

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
 Data File : VY001663.D
 Acq On : 18 Feb 2020 10:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 19 06:43:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	190762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	339860	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	303427	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	144664	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	98871	48.18	ug/l	0.00
Spiked Amount						
			Recovery	=	96.36%	
35) Dibromofluoromethane	7.74	113	90458	46.47	ug/l	0.00
Spiked Amount						
			Recovery	=	92.94%	
50) Toluene-d8	10.19	98	381897	50.08	ug/l	0.00
Spiked Amount						
			Recovery	=	100.16%	
62) 4-Bromofluorobenzene	12.49	95	135660	45.79	ug/l	0.00
Spiked Amount						
			Recovery	=	91.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	100167	53.868	ug/l	99
3) Chloromethane	2.13	50	124811	49.903	ug/l	98
4) Vinyl Chloride	2.26	62	128420	50.906	ug/l	98
5) Bromomethane	2.66	94	79886	50.668	ug/l	96
6) Chloroethane	2.81	64	78267	50.348	ug/l	96
7) Trichlorofluoromethane	3.15	101	162048	50.190	ug/l	99
8) Diethyl Ether	3.55	74	60844	47.803	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.92	101	102274	50.397	ug/l	99
10) Methyl Iodide	4.11	142	124997	50.328	ug/l	99
11) Tert butyl alcohol	4.99	59	52896	219.425	ug/l	99
12) 1,1-Dichloroethene	3.90	96	102761	49.648	ug/l	99
13) Acrolein	3.75	56	68527	330.675	ug/l	99
14) Allyl chloride	4.51	41	179735	48.793	ug/l	98
15) Acrylonitrile	5.19	53	154523	236.849	ug/l	99
16) Acetone	3.97	43	178357	251.211	ug/l	96
17) Carbon Disulfide	4.22	76	339998	49.203	ug/l	100
18) Methyl Acetate	4.51	43	69730	45.098	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	272892	47.355	ug/l	98
20) Methylene Chloride	4.74	84	111395	44.171	ug/l	97
21) trans-1,2-Dichloroethene	5.25	96	115012	48.703	ug/l	100
22) Diisopropyl ether	6.14	45	366682	48.472	ug/l	98
23) Vinyl Acetate	6.09	43	1206264	244.457	ug/l	98
24) 1,1-Dichloroethane	6.05	63	195326	48.310	ug/l	99
25) 2-Butanone	7.02	43	234034	242.650	ug/l	99
26) 2,2-Dichloropropane	7.01	77	169873	48.291	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	125685	48.217	ug/l	98
28) Bromochloromethane	7.36	49	84637	50.252	ug/l	100
29) Tetrahydrofuran	7.38	42	138628	237.801	ug/l	98
30) Chloroform	7.54	83	185477	46.948	ug/l	100
31) Cyclohexane	7.81	56	204493	47.436	ug/l	99
32) 1,1,1-Trichloroethane	7.72	97	163176	49.144	ug/l	99
36) 1,1-Dichloropropene	7.94	75	160129	49.326	ug/l	99
37) Ethyl Acetate	7.10	43	89804	46.349	ug/l	99
38) Carbon Tetrachloride	7.93	117	140401	49.239	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	211671	49.148	ug/l	98
40) Benzene	8.18	78	464515	48.652	ug/l	98
41) Methacrylonitrile	7.36	41	124768	128.247	ug/l #	98
42) 1,2-Dichloroethane	8.26	62	124261	47.773	ug/l	100
43) Isopropyl Acetate	8.30	43	178612	48.585	ug/l	99
44) Trichloroethene	8.96	130	116684	48.957	ug/l	98
45) 1,2-Dichloropropane	9.24	63	117542	49.158	ug/l	99
46) Dibromomethane	9.32	93	60526	48.396	ug/l	99
47) Bromodichloromethane	9.52	83	146545	48.551	ug/l	99
48) Methyl methacrylate	9.31	41	79006	47.519	ug/l	100
49) 1,4-Dioxane	9.32	88	15965	903.818	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	457297	242.106	ug/l	98
52) Toluene	10.26	92	290787	48.826	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	162980	48.843	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	187200	48.744	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	88963	48.242	ug/l	98
56) Ethyl methacrylate	10.52	69	133773	48.355	ug/l	97
57) 1,3-Dichloropropane	10.80	76	156443	47.745	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	241636	230.780	ug/l	100
59) 2-Hexanone	10.85	43	353169	249.198	ug/l	97
60) Dibromochloromethane	11.00	129	99590	48.983	ug/l	100
61) 1,2-Dibromoethane	11.10	107	84678	48.563	ug/l	98
64) Tetrachloroethene	10.74	164	93207	48.933	ug/l	100
65) Chlorobenzene	11.53	112	298158	49.218	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	100854	49.353	ug/l	99
67) Ethyl Benzene	11.61	91	560189	49.830	ug/l	98
68) m/p-Xylenes	11.72	106	416588	99.202	ug/l	99
69) o-Xylene	12.04	106	197331	49.427	ug/l	98
70) Styrene	12.06	104	344111	49.595	ug/l	100
71) Bromoform	12.22	173	58994	50.516	ug/l #	99
73) Isopropylbenzene	12.34	105	538941	48.902	ug/l	99
74) N-amyl acetate	12.16	43	168182	47.817	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.60	83	112885	47.972	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	149222	89.921	ug/l #	100
77) Bromobenzene	12.62	156	114098	47.758	ug/l	98
78) n-propylbenzene	12.69	91	662805	49.381	ug/l	100
79) 2-Chlorotoluene	12.77	91	368711	48.978	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	449966	49.323	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	42464	48.546	ug/l	93
82) 4-Chlorotoluene	12.87	91	385342	48.533	ug/l	99
83) tert-Butylbenzene	13.09	119	378505	49.608	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	446470	49.089	ug/l	100
85) sec-Butylbenzene	13.27	105	552899	49.270	ug/l	100
86) p-Isopropyltoluene	13.38	119	482140	49.457	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	224135	48.374	ug/l	99
88) 1,4-Dichlorobenzene	13.46	146	225562	48.160	ug/l	99
89) n-Butylbenzene	13.70	91	491143	49.305	ug/l	100
90) Hexachloroethane	13.97	117	88311	48.080	ug/l	96
91) 1,2-Dichlorobenzene	13.75	146	206577	48.311	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	18057	46.496	ug/l	99

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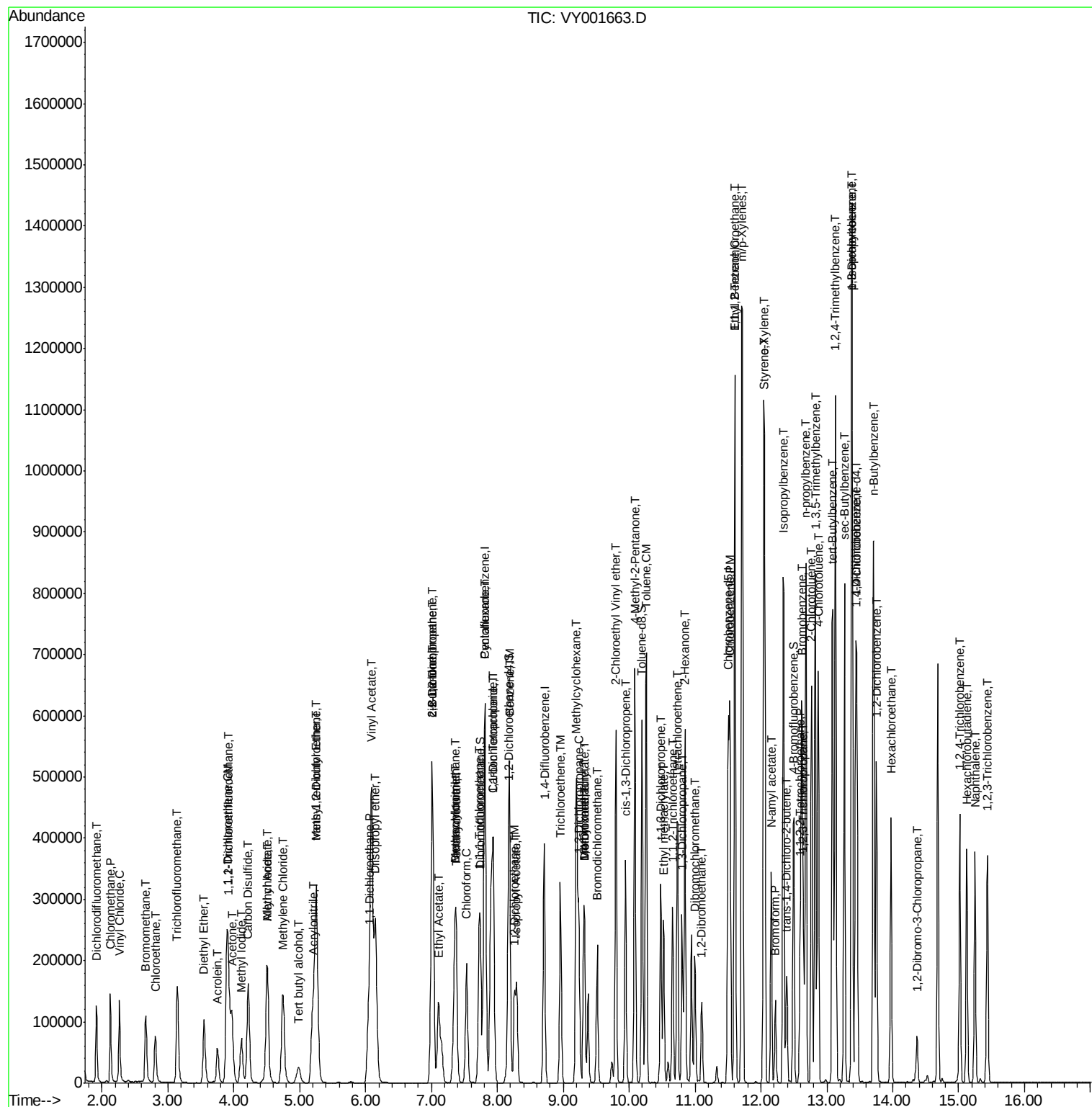
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	132351	46.708	ug/l	100
94) Hexachlorobutadiene	15.13	225	67470	47.878	ug/l	99
95) Naphthalene	15.25	128	304161	46.554	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	116226	46.623	ug/l	99

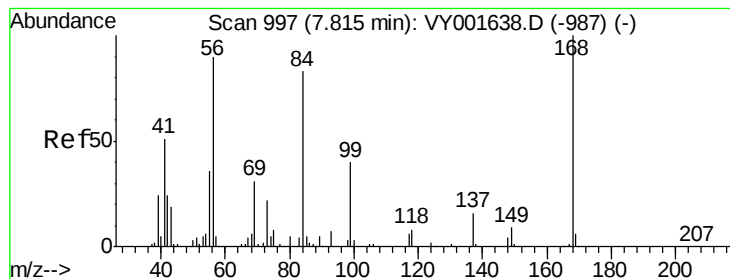
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

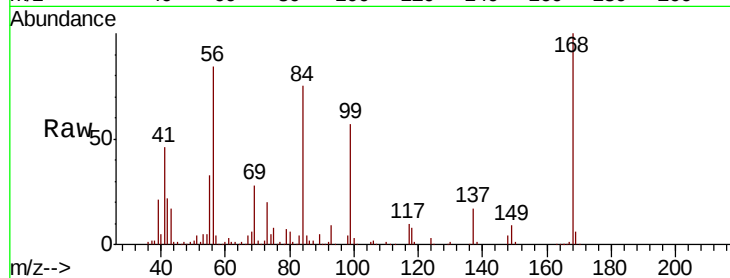
VSTDCCC050

Tot Ion:168 Resp: 190762

Ion Ratio Lower Upper

168 100

99 56.9 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001663.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001663.D (-948) (-)

7.82

80000

60000

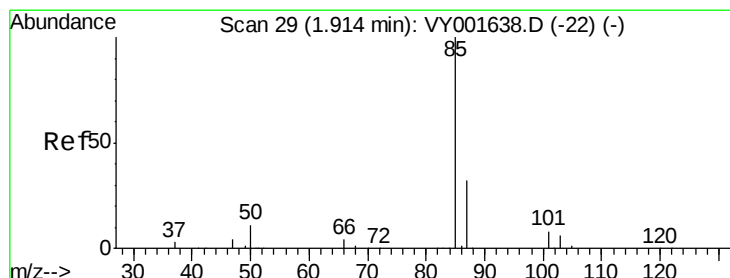
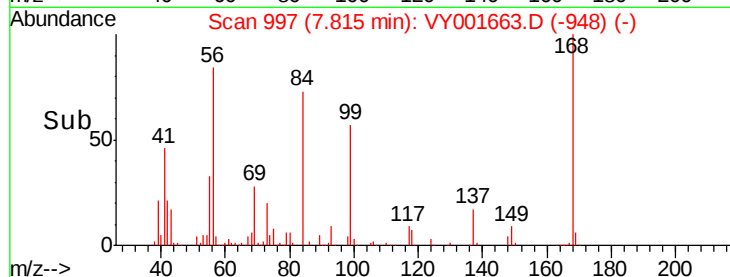
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 53.868 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001663.D

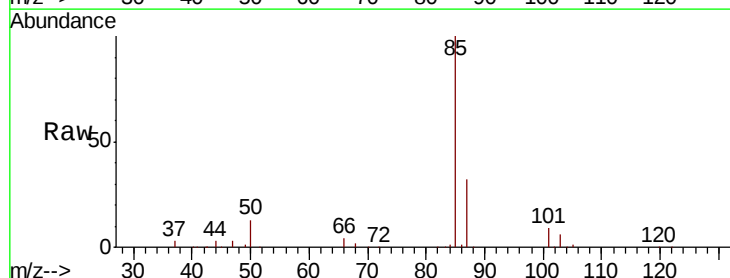
Acq: 18 Feb 2020 10:37

Tgt Ion: 85 Resp: 100167

Ion Ratio Lower Upper

85 100

87 32.0 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY001663.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001663.D (-1) (-)

1.91

80000

60000

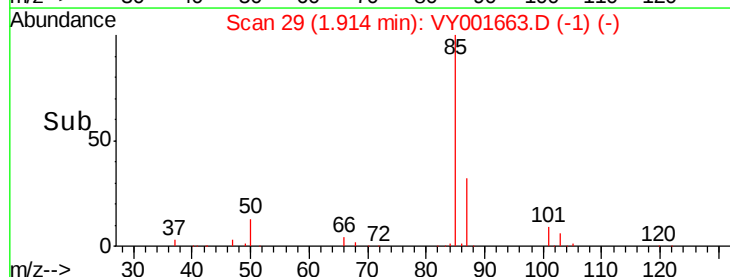
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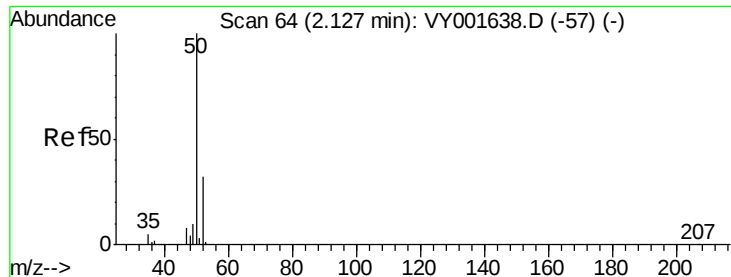
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 49.903 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

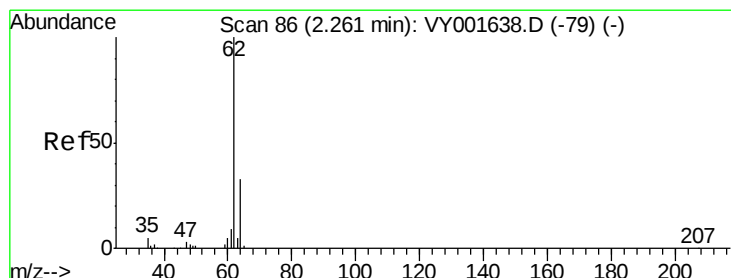
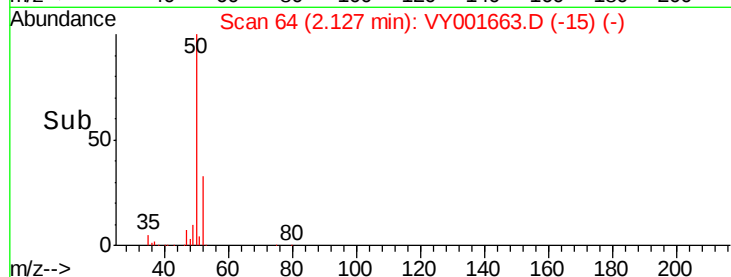
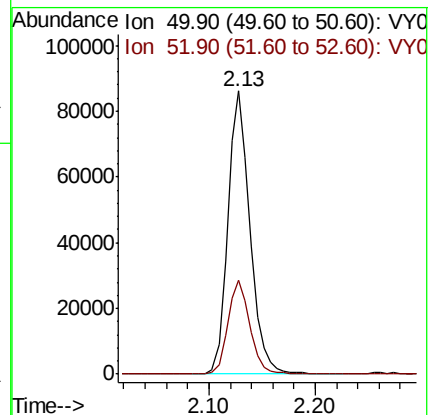
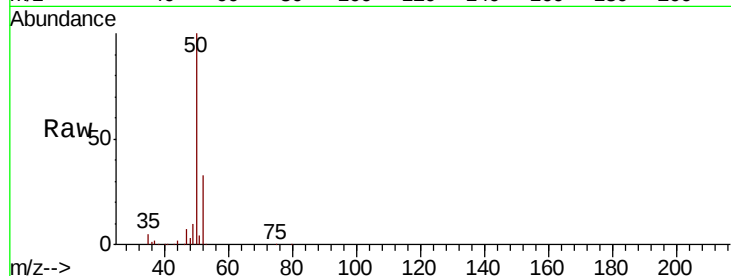
VSTDCCC050

Tot Ion: 50 Resp: 124811

Ion Ratio Lower Upper

50 100

52 33.4 25.8 38.6



#4

Vinyl Chloride

Concen: 50.906 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY001663.D

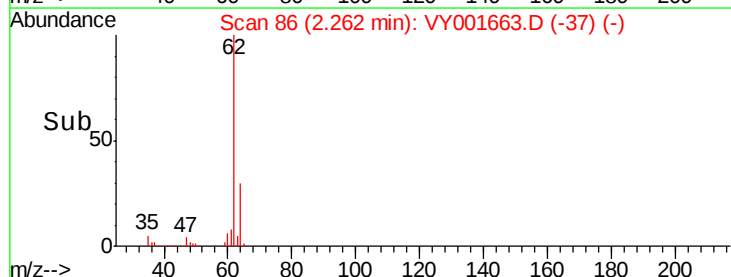
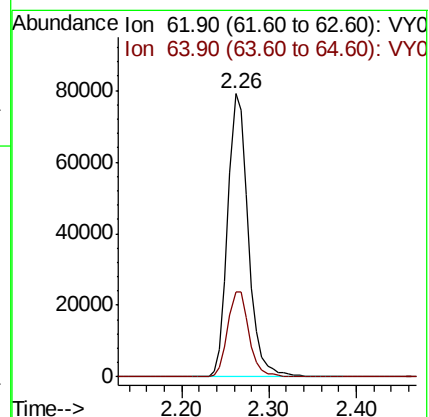
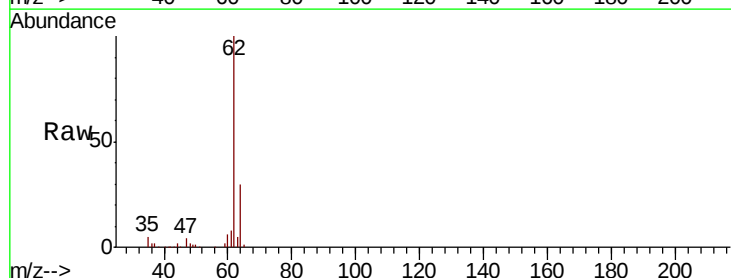
Acq: 18 Feb 2020 10:37

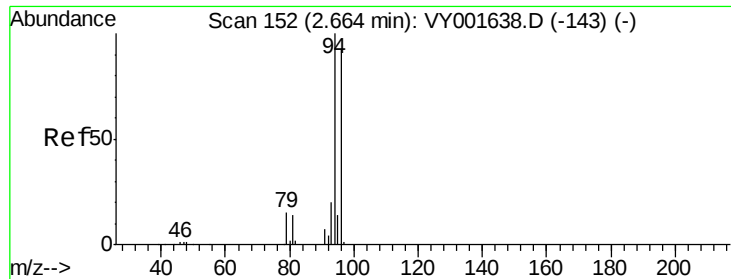
Tgt Ion: 62 Resp: 128420

Ion Ratio Lower Upper

62 100

64 29.9 24.9 37.3





#5

Bromomethane

Concen: 50.668 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

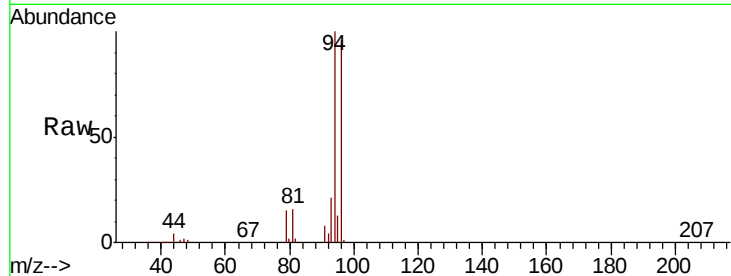
VSTDCCC050

Tot Ion: 94 Resp: 79886

Ion Ratio Lower Upper

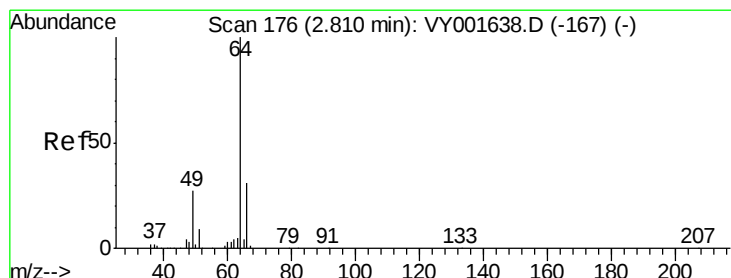
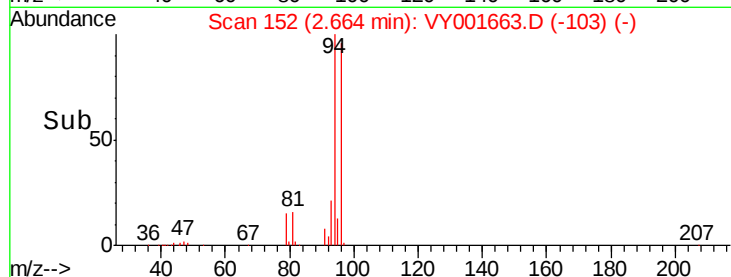
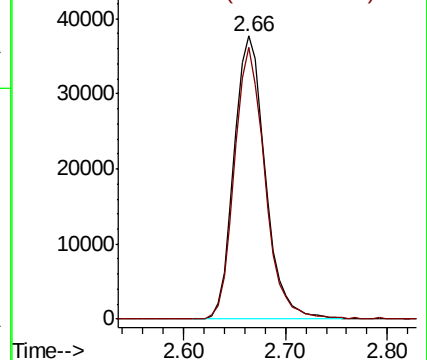
94 100

96 96.0 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 50.348 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY001663.D

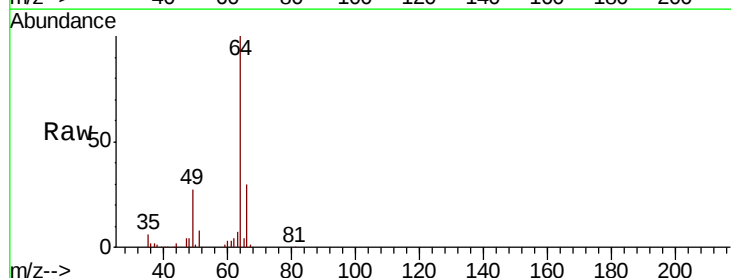
Acq: 18 Feb 2020 10:37

Tgt Ion: 64 Resp: 78267

Ion Ratio Lower Upper

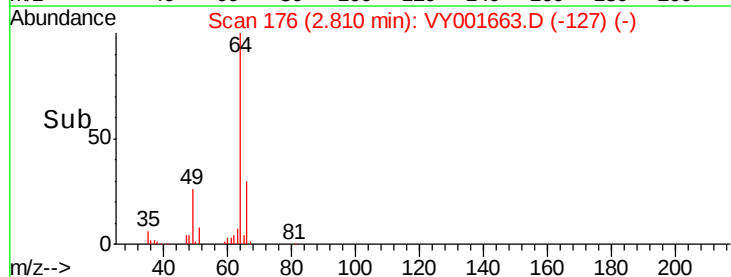
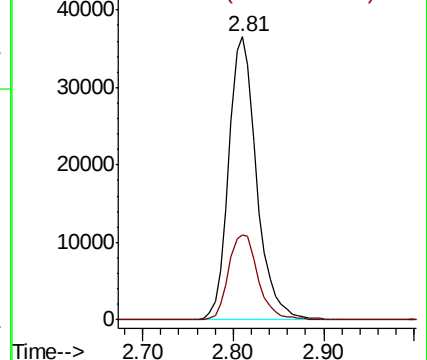
64 100

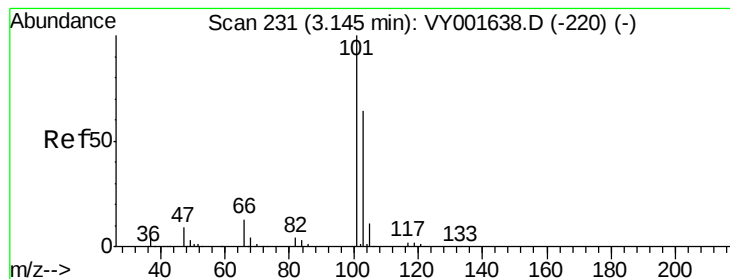
66 29.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



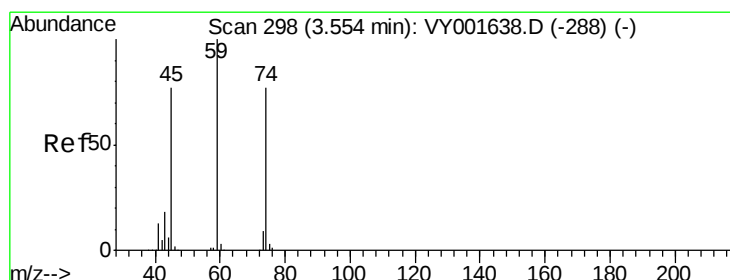
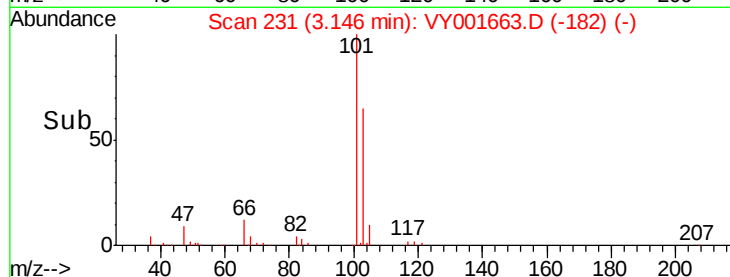
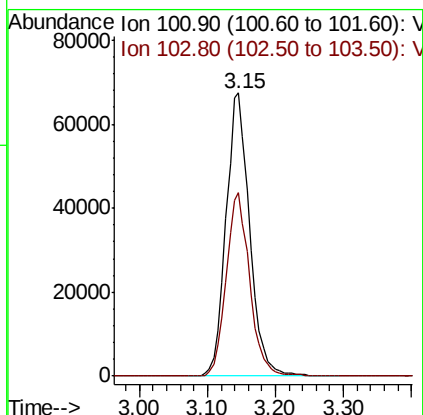
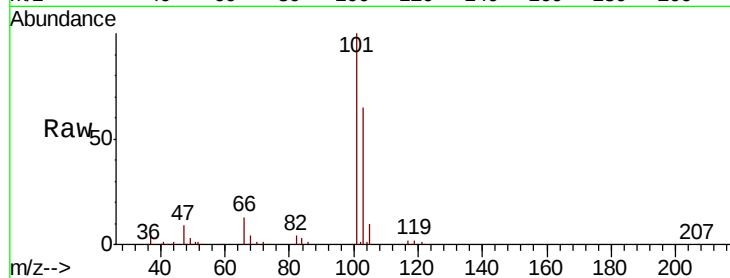


#7

Trichlorofluoromethane
 Concen: 50.190 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. 0.00 min
 Lab File: VY001663.D
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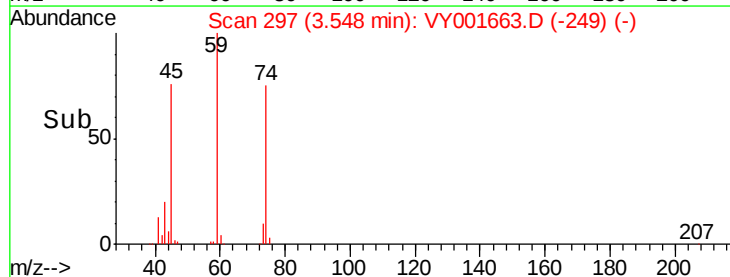
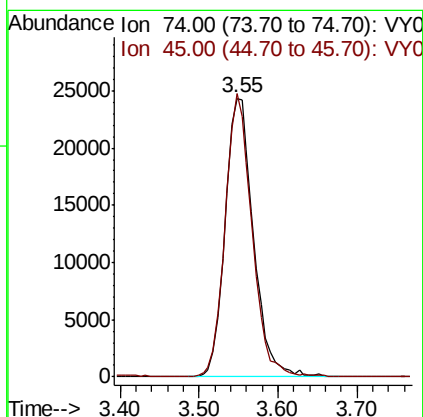
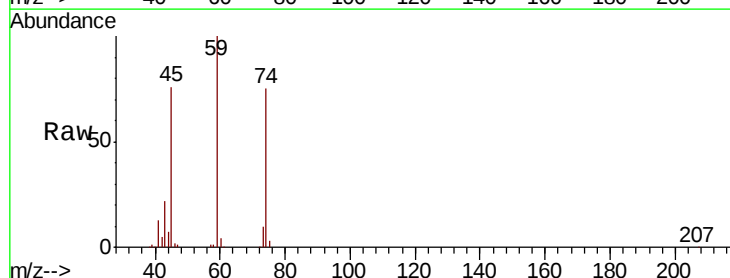
Tot Ion:101 Resp: 162048
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.2 78.2

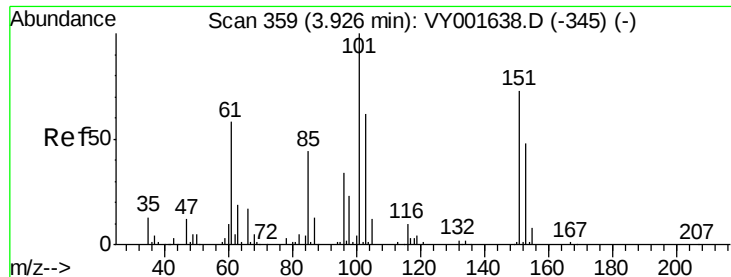


#8

Diethyl Ether
 Concen: 47.803 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.01 min
 Lab File: VY001663.D
 Acq: 18 Feb 2020 10:37

Tgt Ion: 74 Resp: 60844
 Ion Ratio Lower Upper
 74 100
 45 96.5 49.6 148.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.397 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

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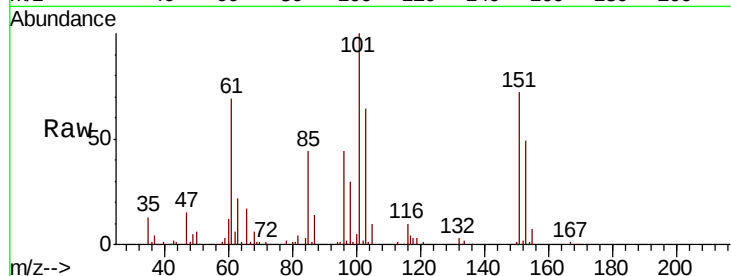
Tot Ion:101 Resp: 102274

Ion Ratio Lower Upper

101 100

85 43.8 35.1 52.7

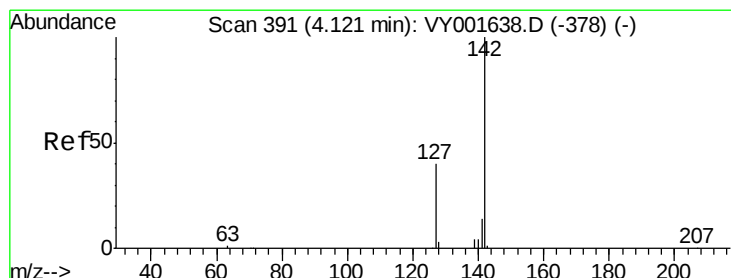
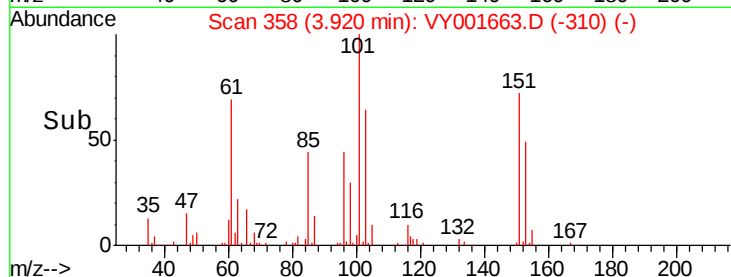
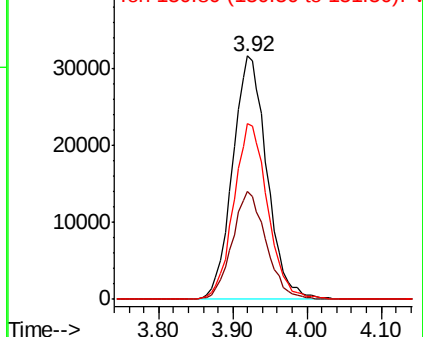
151 71.8 58.4 87.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.328 ug/l

RT: 4.11 min Scan# 390

Delta R.T. -0.01 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

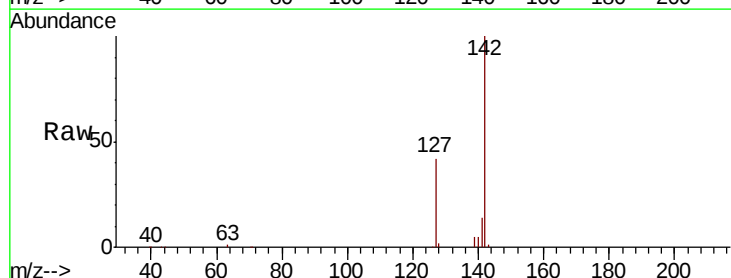
Tgt Ion:142 Resp: 124997

Ion Ratio Lower Upper

142 100

127 40.7 32.1 48.1

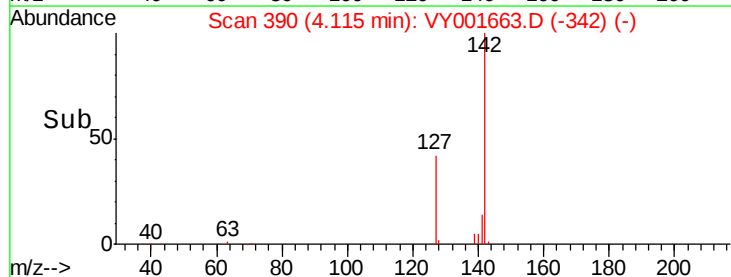
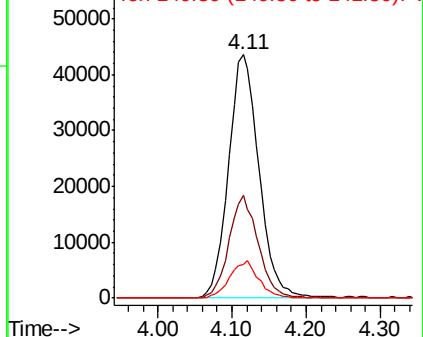
141 14.5 11.3 16.9

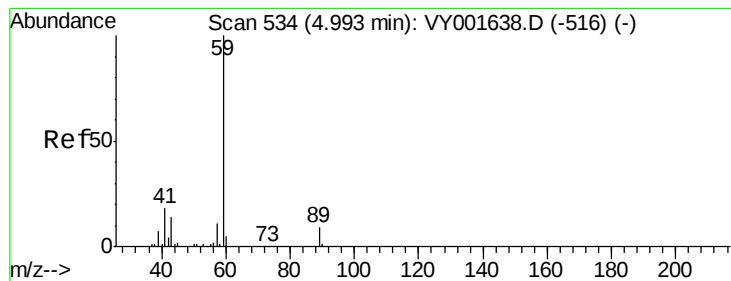


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



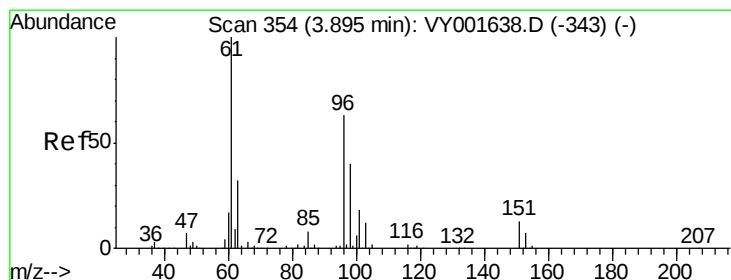
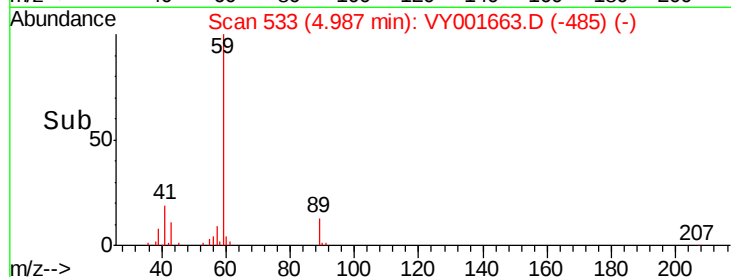
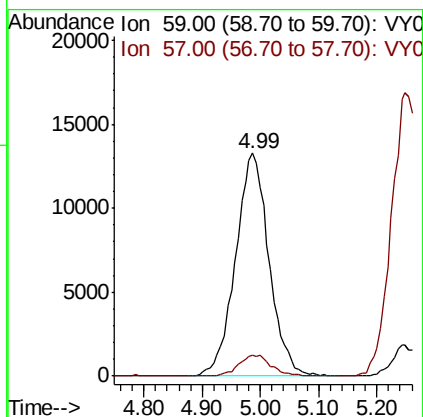
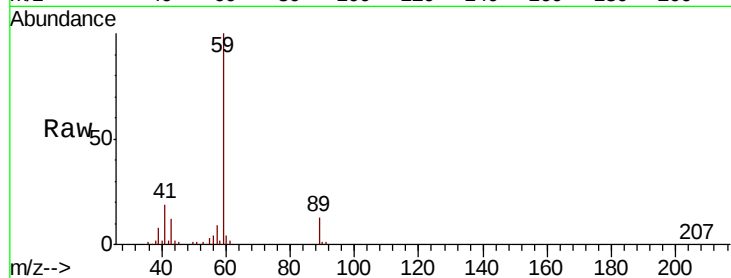


#11

Tert butyl alcohol
 Concen: 219.425 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VY001663.D
 Acq: 18 Feb 2020 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

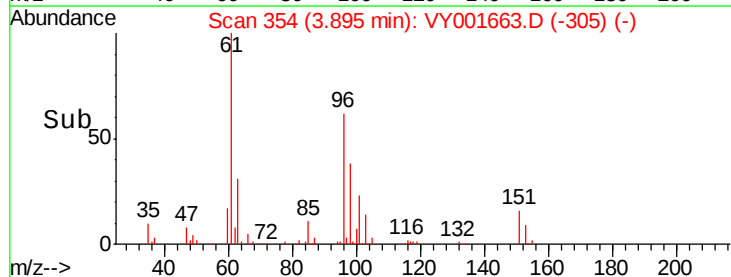
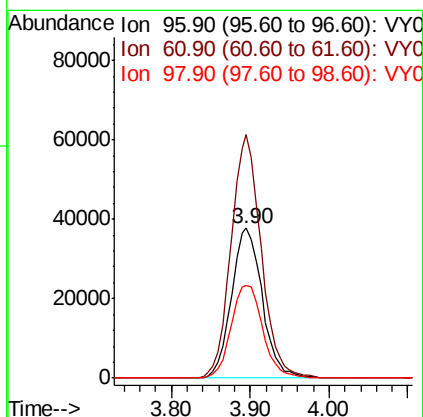
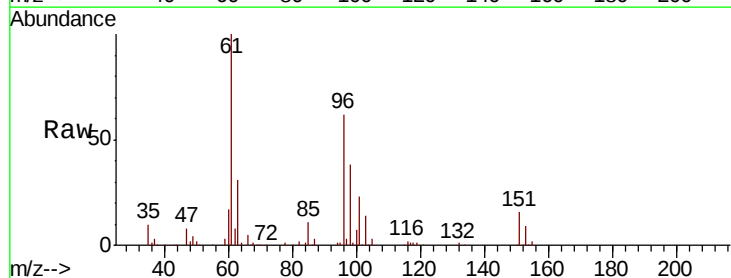
Tot Ion: 59 Resp: 52896
 Ion Ratio Lower Upper
 59 100
 57 9.0 7.4 11.2

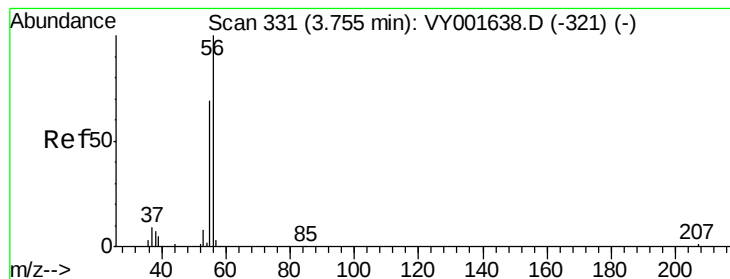


#12

1,1-Dichloroethene
 Concen: 49.648 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.00 min
 Lab File: VY001663.D
 Acq: 18 Feb 2020 10:37

Tgt Ion: 96 Resp: 102761
 Ion Ratio Lower Upper
 96 100
 61 162.2 128.7 193.1
 98 61.3 50.7 76.1





#13

Acrolein

Concen: 330.675 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

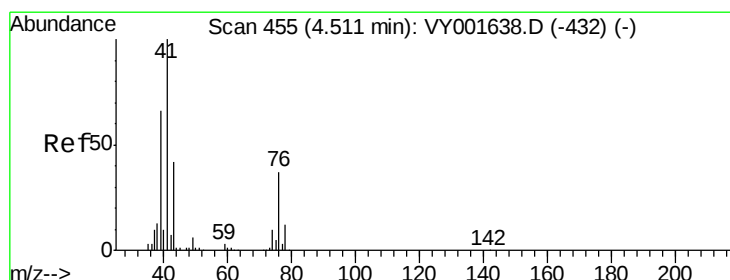
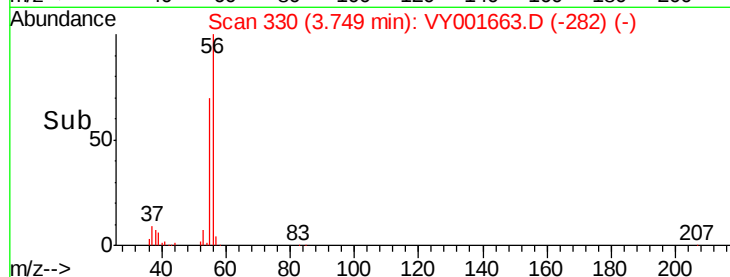
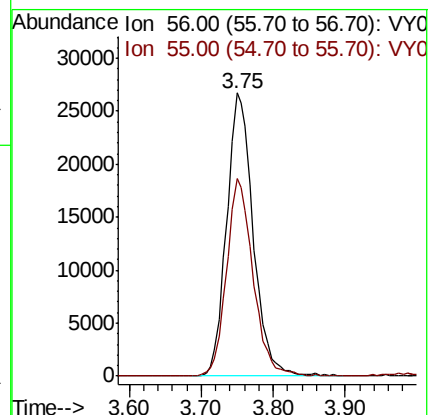
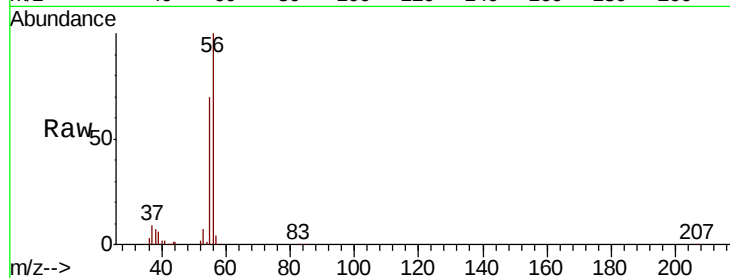
VSTDCCC050

Tot Ion: 56 Resp: 68527

Ion Ratio Lower Upper

56 100

55 69.5 56.1 84.1



#14

Allyl chloride

Concen: 48.793 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

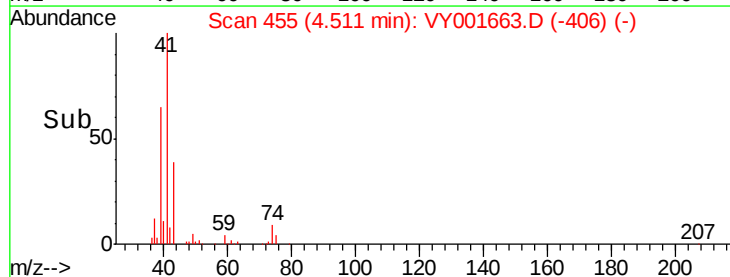
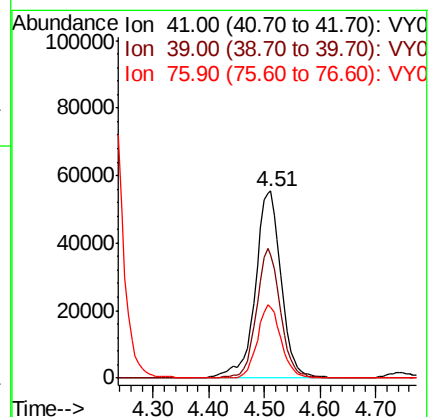
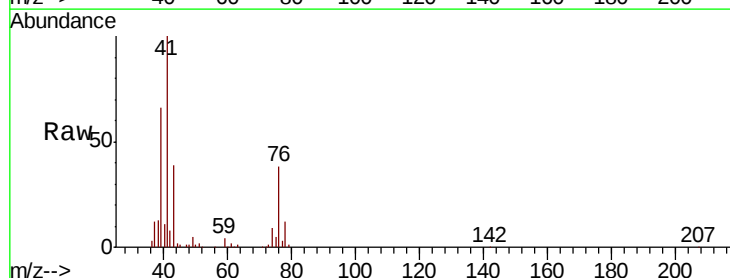
Tgt Ion: 41 Resp: 179735

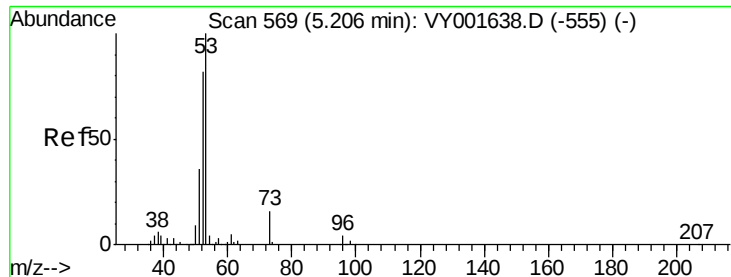
Ion Ratio Lower Upper

41 100

39 64.2 49.4 74.0

76 35.9 29.0 43.6





#15

Acrylonitrile

Concen: 236.849 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

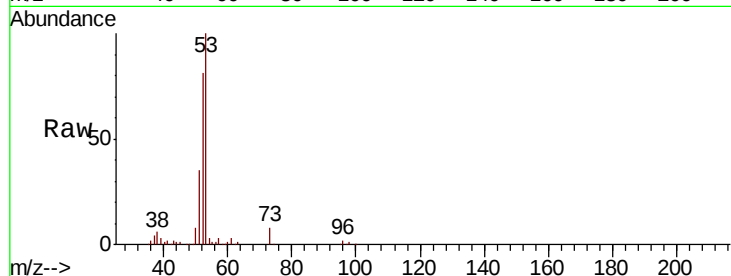
Tot Ion: 53 Resp: 154523

Ion Ratio Lower Upper

53 100

52 82.0 65.4 98.0

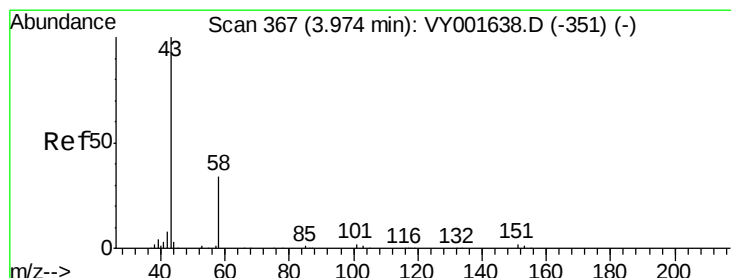
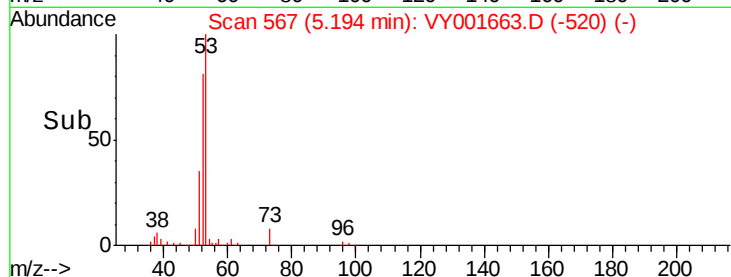
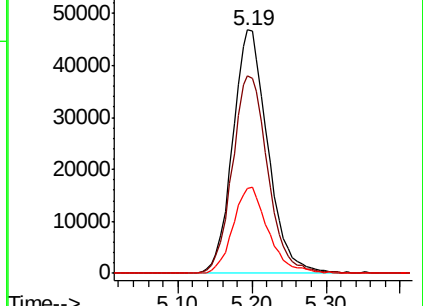
51 35.7 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 251.211 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY001663.D

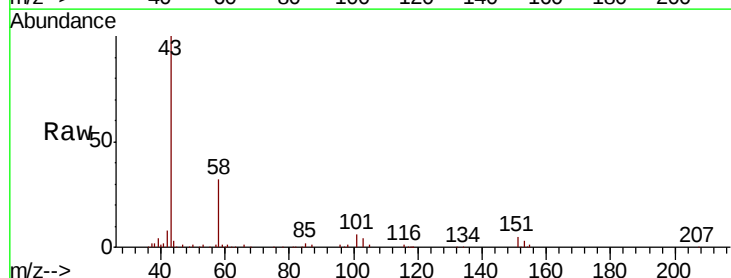
Acq: 18 Feb 2020 10:37

Tgt Ion: 43 Resp: 178357

Ion Ratio Lower Upper

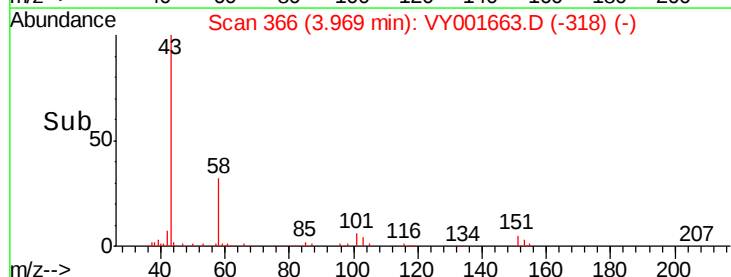
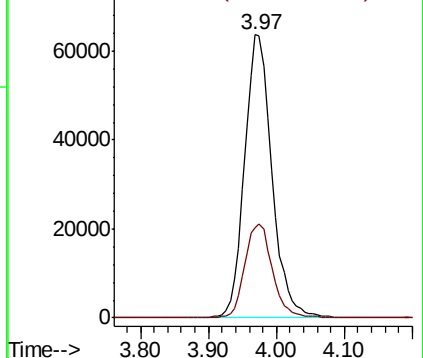
43 100

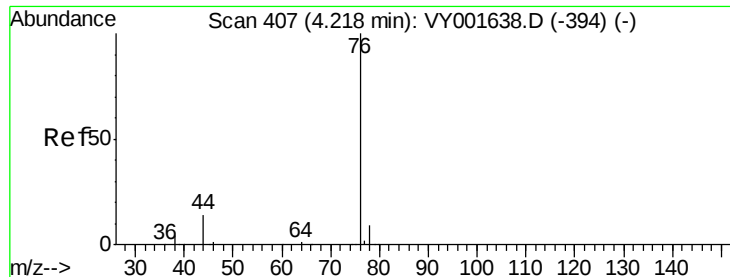
58 32.0 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

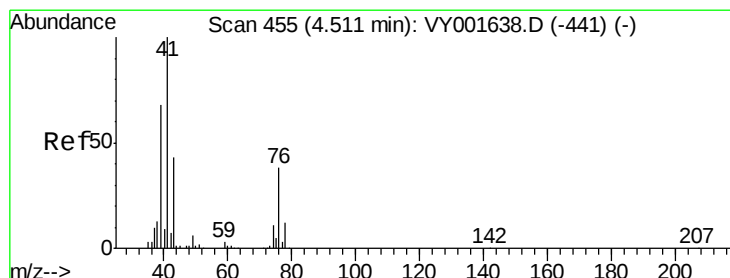
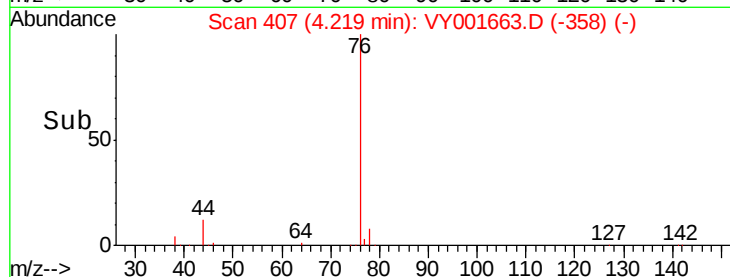
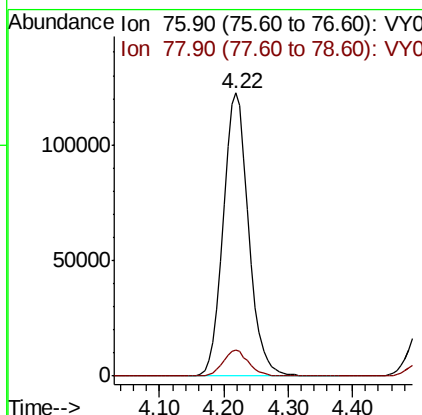
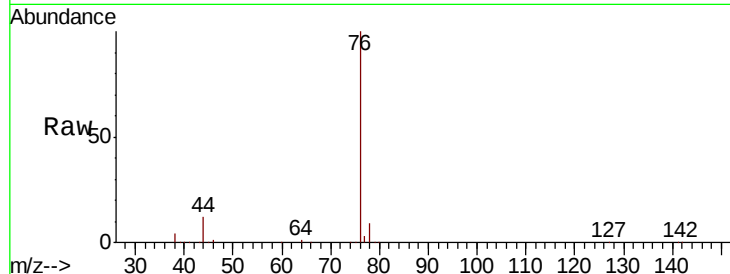




#17
Carbon Disulfide
Concen: 49.203 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.00 min
Lab File: VY001663.D
Acq: 18 Feb 2020 10:37

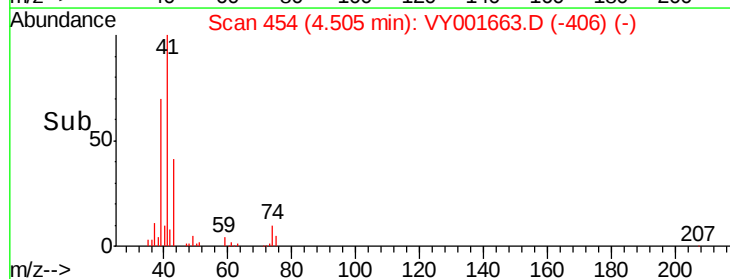
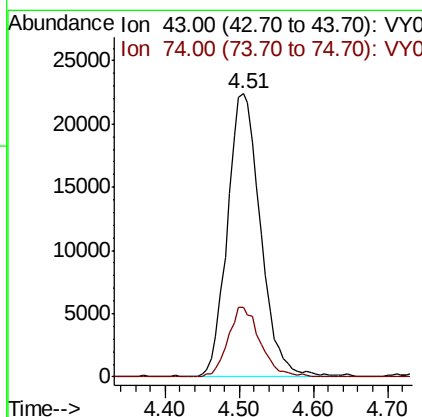
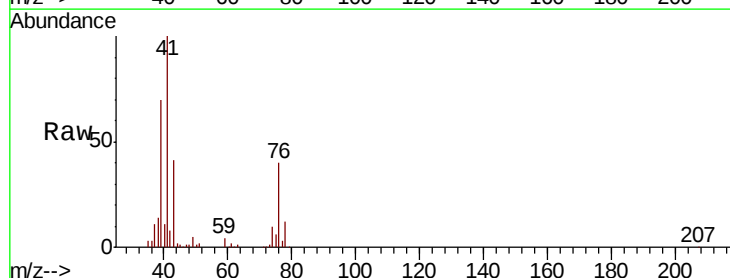
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

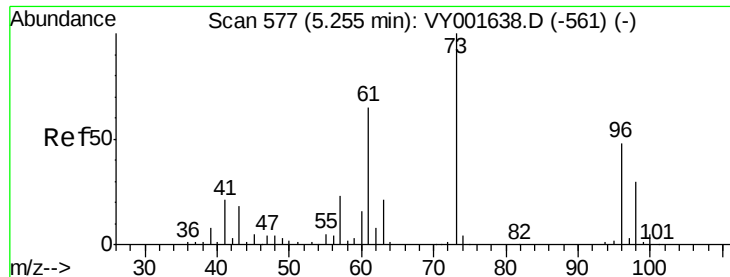
Tot Ion: 76 Resp: 339998
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 45.098 ug/l
RT: 4.51 min Scan# 454
Delta R.T. -0.01 min
Lab File: VY001663.D
Acq: 18 Feb 2020 10:37

Tgt Ion: 43 Resp: 69730
Ion Ratio Lower Upper
43 100
74 23.9 19.1 28.7

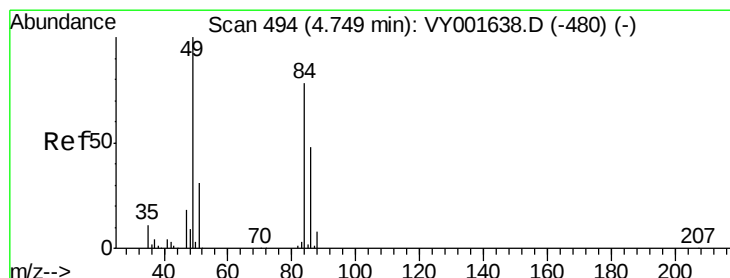
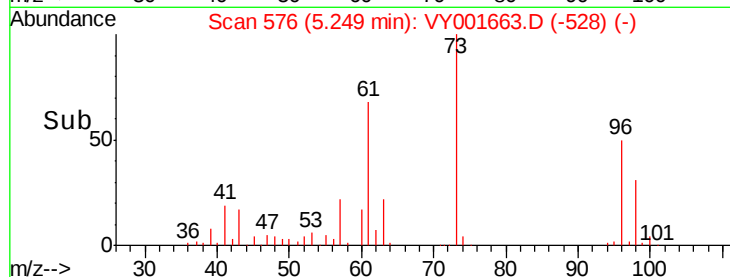
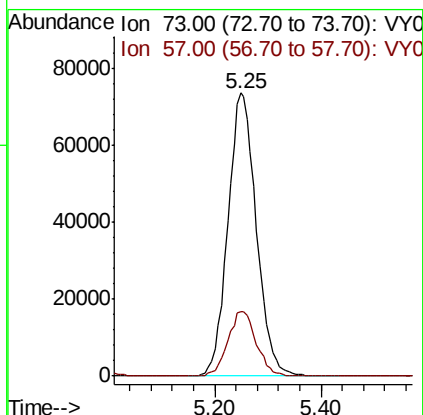
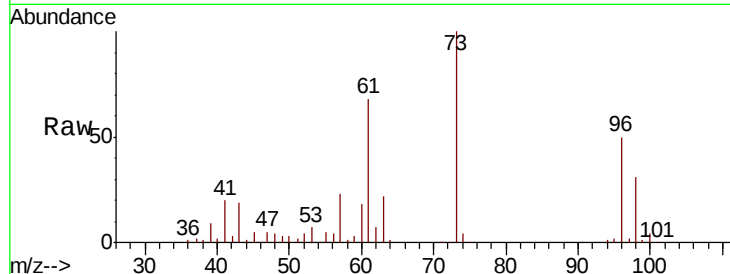




#19
Methyl tert-butyl Ether
Concen: 47.355 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.01 min
Lab File: VY001663.D
Acq: 18 Feb 2020 10:37

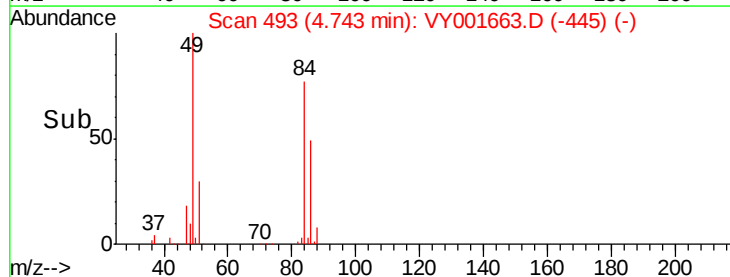
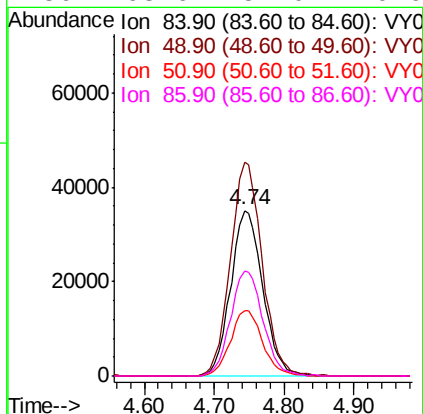
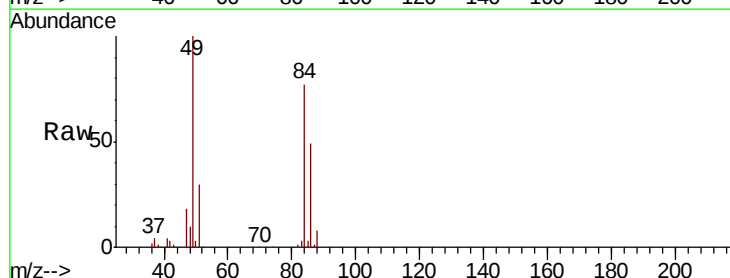
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

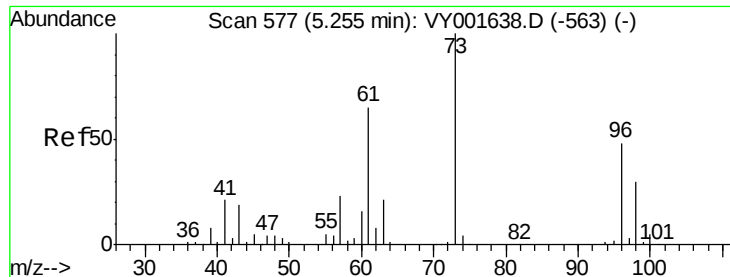
Tot Ion: 73 Resp: 272892
Ion Ratio Lower Upper
73 100
57 22.9 19.0 28.6



#20
Methylene Chloride
Concen: 44.171 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY001663.D
Acq: 18 Feb 2020 10:37

Tgt Ion: 84 Resp: 111395
Ion Ratio Lower Upper
84 100
49 129.2 99.2 148.8
51 39.3 31.5 47.3
86 63.6 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 48.703 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.01 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

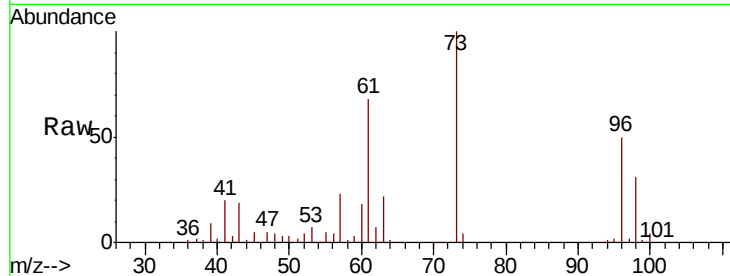
Tot Ion: 96 Resp: 115012

Ion Ratio Lower Upper

96 100

61 135.7 107.9 161.9

98 62.3 49.8 74.8

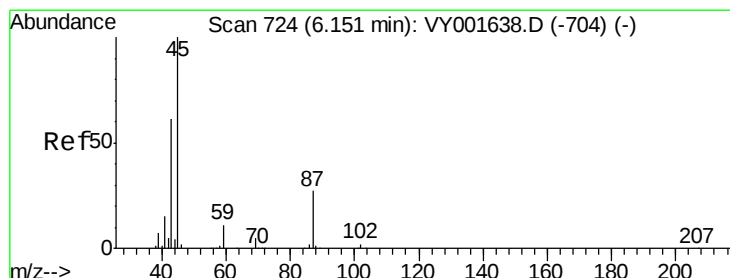
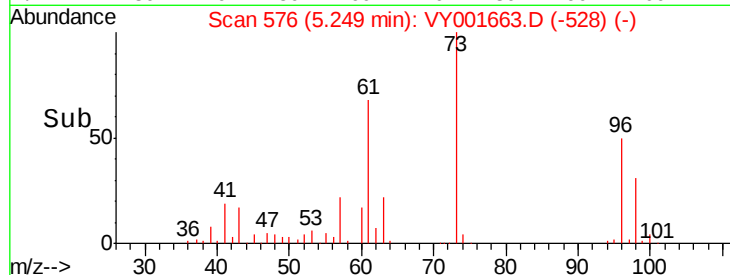
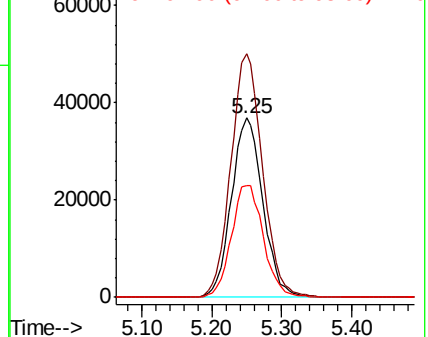


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 48.472 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

Tgt Ion: 45 Resp: 366682

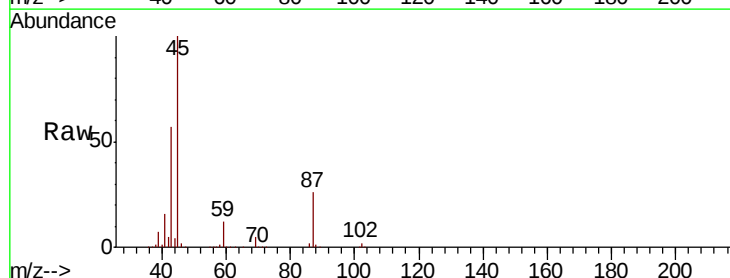
Ion Ratio Lower Upper

45 100

43 57.0 46.4 69.6

87 25.5 22.1 33.1

59 12.1 9.4 14.0



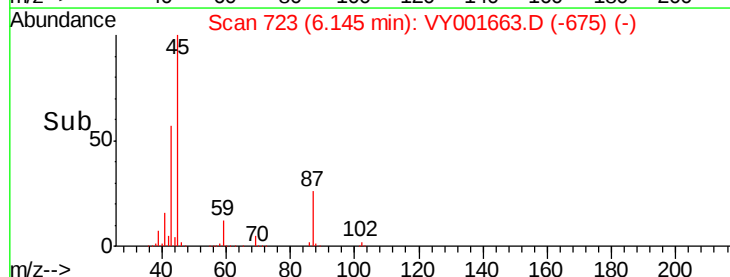
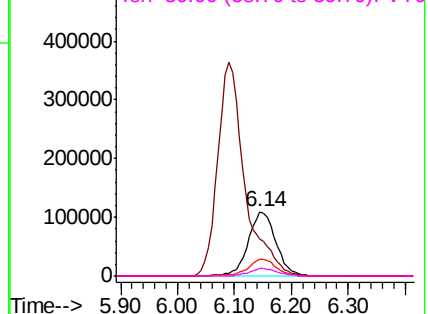
Abundance

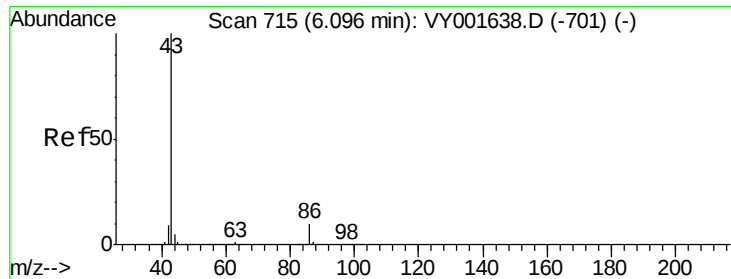
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 244.457 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

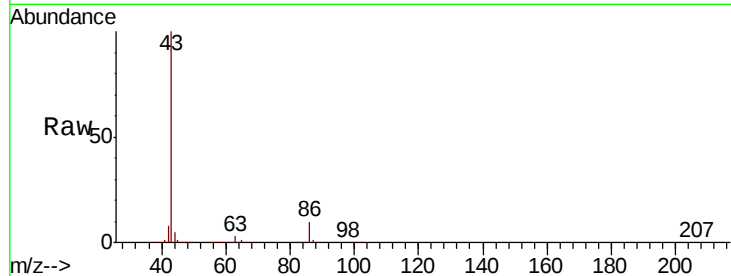
VSTDCCC050

Tot Ion: 43 Resp: 1206264

Ion Ratio Lower Upper

43 100

86 10.4 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.09

400000

300000

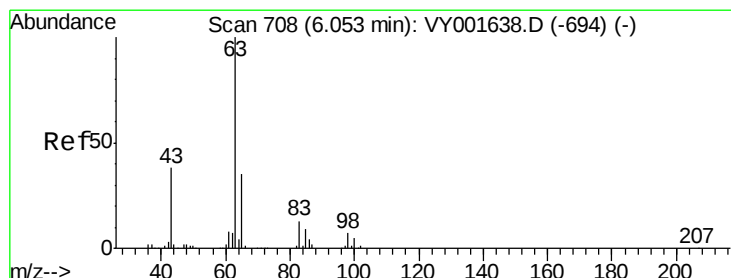
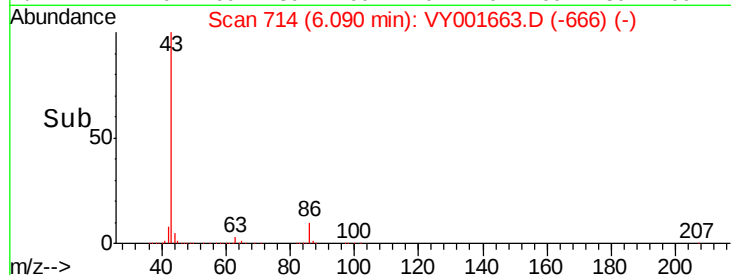
200000

100000

0

5.90 6.00 6.10 6.20 6.30

Time-->



#24

1,1-Dichloroethane

Concen: 48.310 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.01 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

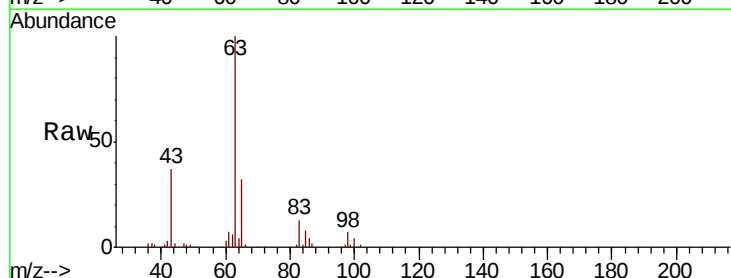
Tgt Ion: 63 Resp: 195326

Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.2

100 4.4 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.05

80000

60000

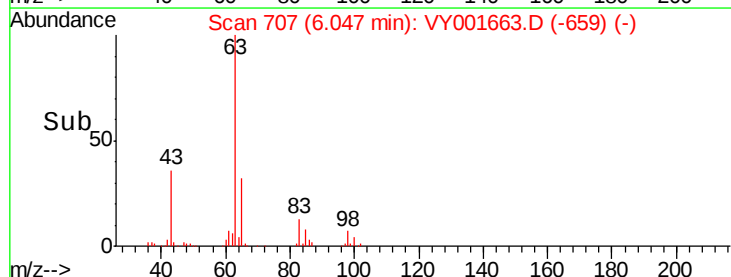
40000

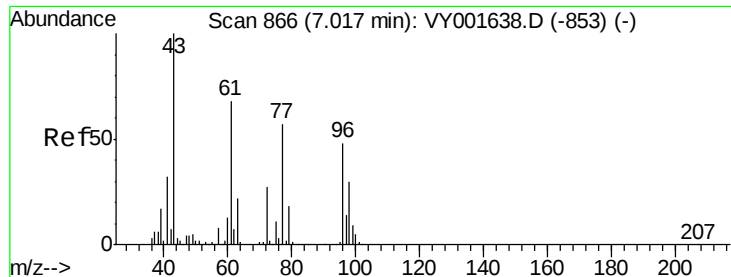
20000

0

5.90 6.00 6.10 6.20

Time-->





#25

2-Butanone

Concen: 242.650 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

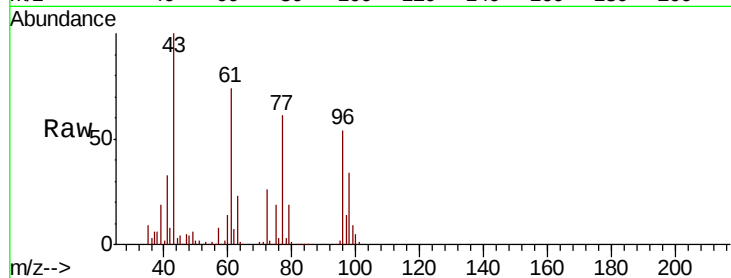
VSTDCCC050

Tot Ion: 43 Resp: 234034

Ion Ratio Lower Upper

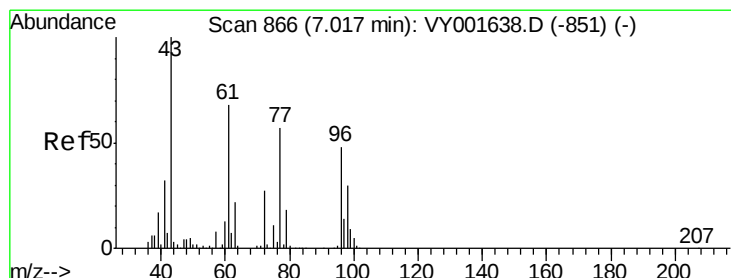
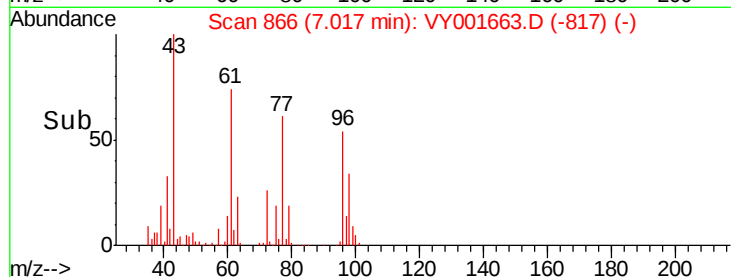
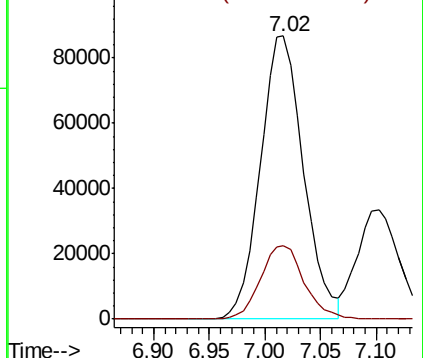
43 100

72 25.8 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 48.291 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001663.D

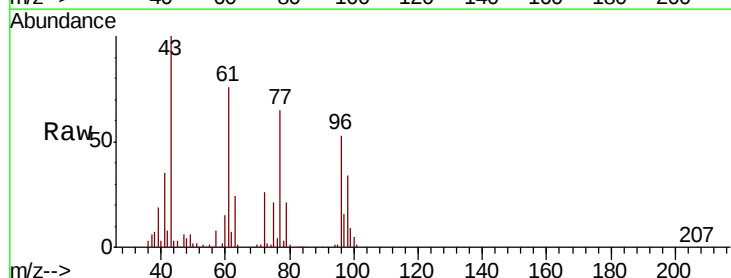
Acq: 18 Feb 2020 10:37

Tgt Ion: 77 Resp: 169873

Ion Ratio Lower Upper

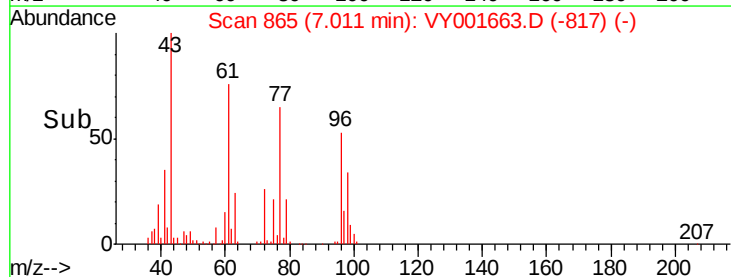
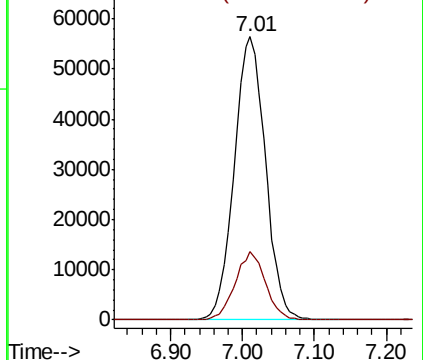
77 100

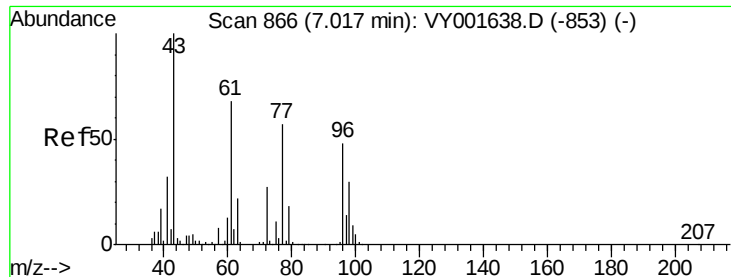
97 23.4 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



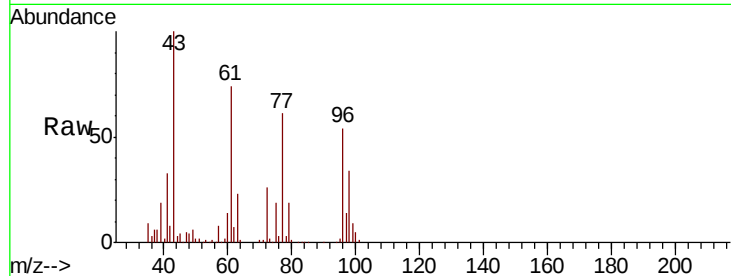


#27

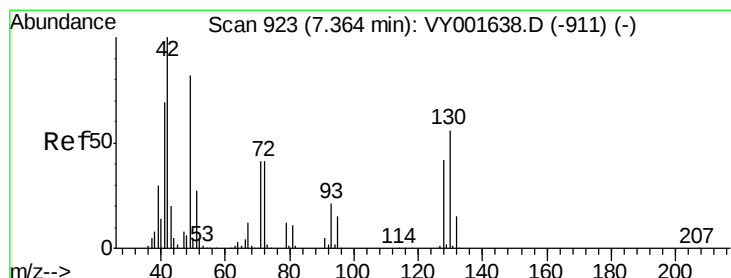
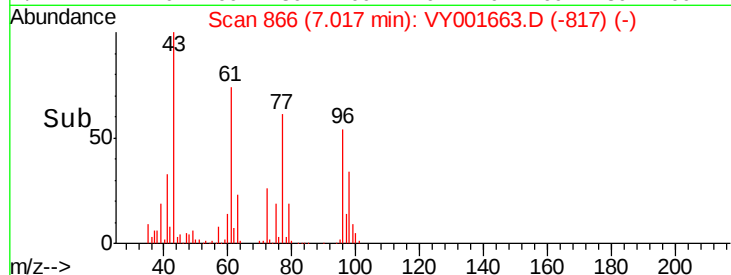
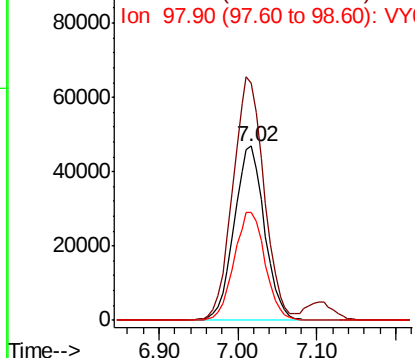
cis-1,2-Dichloroethene
 Concen: 48.217 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: VY001663.D
 Acq: 18 Feb 2020 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 125685
 Ion Ratio Lower Upper
 96 100
 61 143.2 0.0 290.8
 98 63.4 0.0 128.6



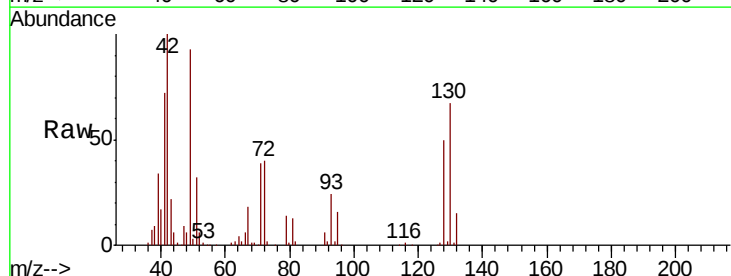
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



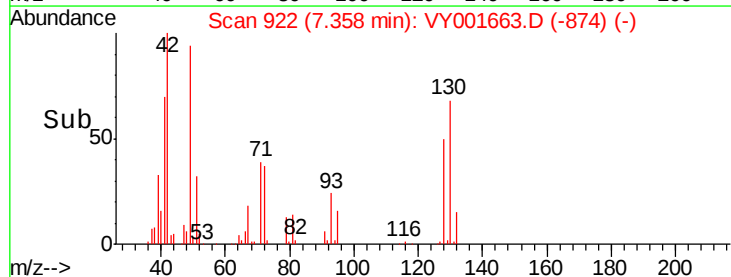
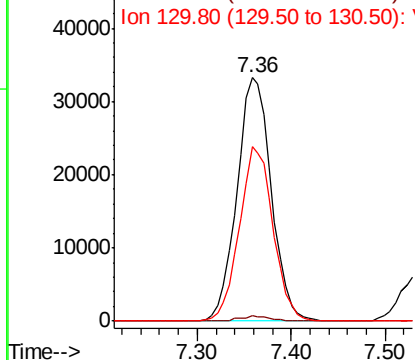
#28

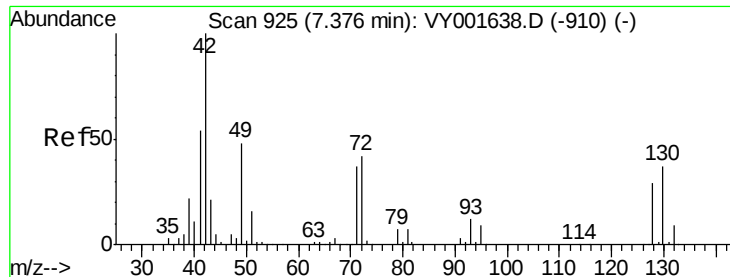
Bromochloromethane
 Concen: 50.252 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: VY001663.D
 Acq: 18 Feb 2020 10:37

Tgt Ion: 49 Resp: 84637
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.6
 130 70.4 56.2 84.4



Abundance Ion 48.90 (48.60 to 49.60): VY0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 237.801 ug/l

RT: 7.38 min Scan# 925

Delta R.T. 0.00 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

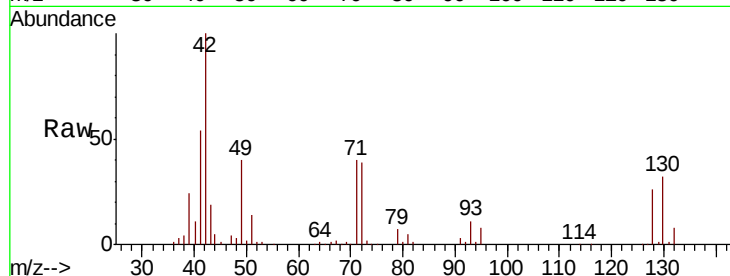
Tot Ion: 42 Resp: 138628

Ion Ratio Lower Upper

42 100

72 41.2 34.4 51.6

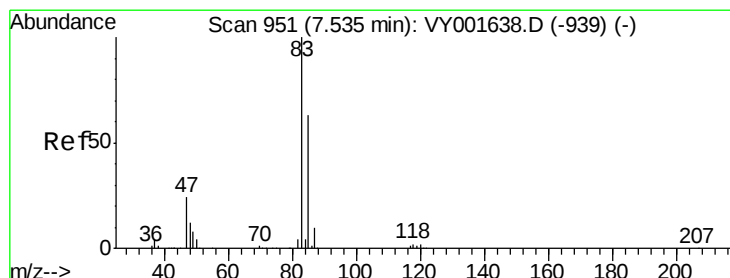
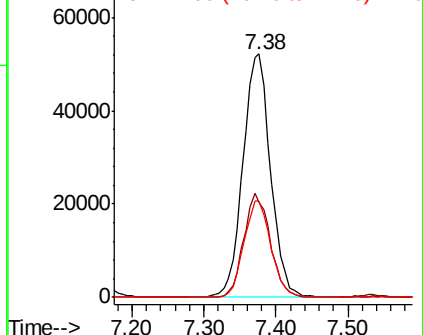
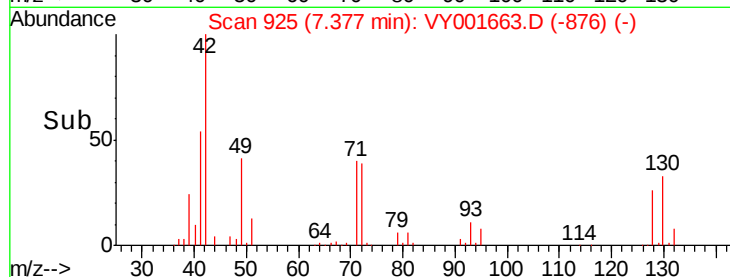
71 38.8 31.8 47.8



Abundance Ion 42.00 (41.70 to 42.70): VY001663.D (-876) (-)

Ion 72.00 (71.70 to 72.70): VY001663.D (-876) (-)

Ion 71.00 (70.70 to 71.70): VY001663.D (-876) (-)



#30

Chloroform

Concen: 46.948 ug/l

RT: 7.54 min Scan# 951

Delta R.T. 0.00 min

Lab File: VY001663.D

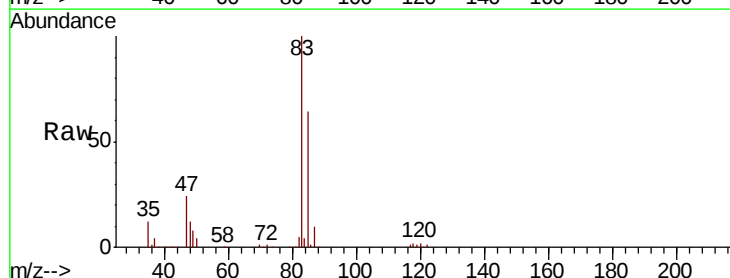
Acq: 18 Feb 2020 10:37

Tgt Ion: 83 Resp: 185477

Ion Ratio Lower Upper

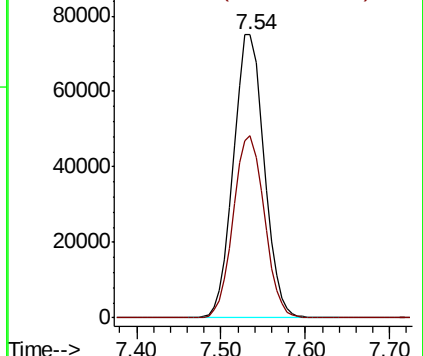
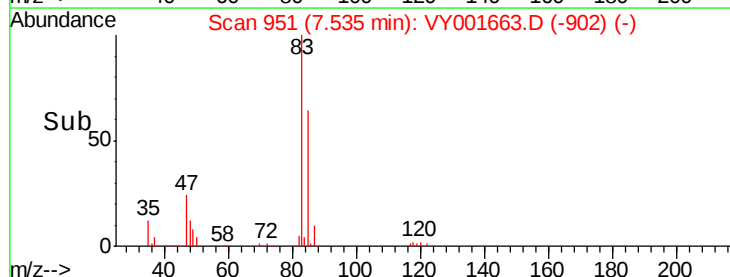
83 100

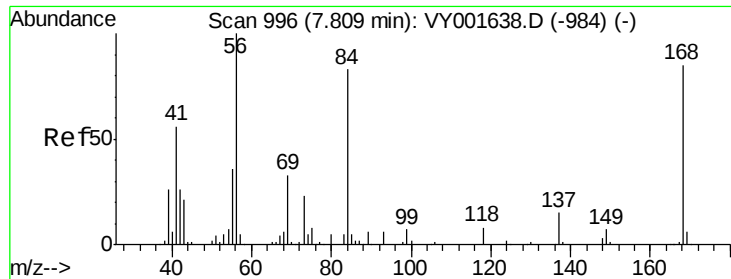
85 64.3 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VY001663.D (-902) (-)

Ion 84.90 (84.60 to 85.60): VY001663.D (-902) (-)

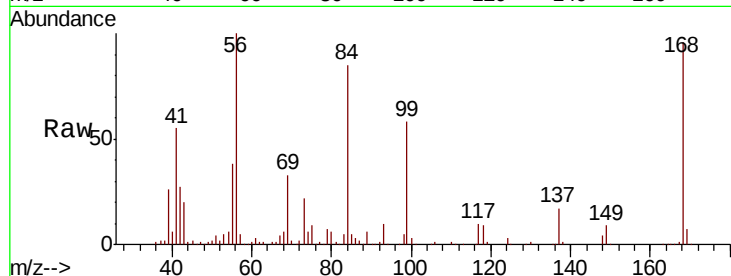




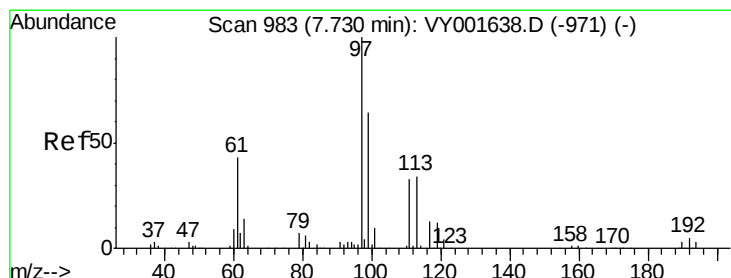
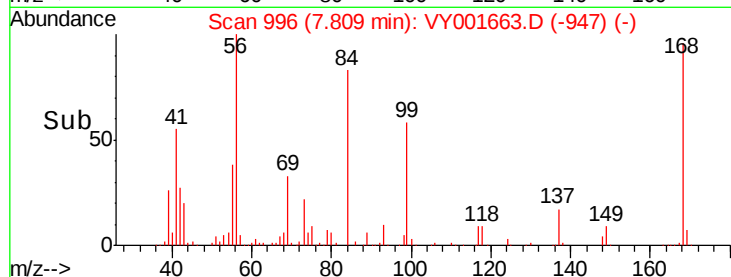
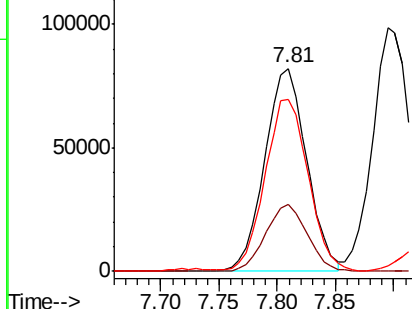
#31
Cyclohexane
Concen: 47.436 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.00 min
Lab File: VY001663.D
Acq: 18 Feb 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 204493
Ion Ratio Lower Upper
56 100
69 33.0 25.1 37.7
84 83.9 66.9 100.3

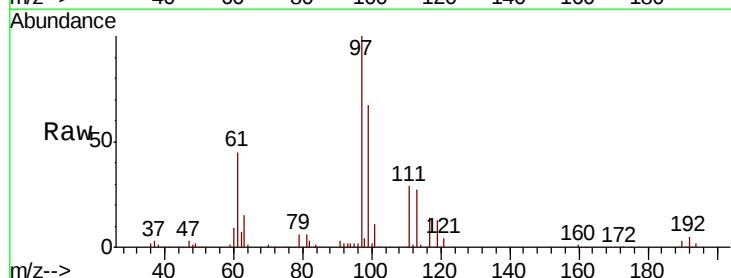


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

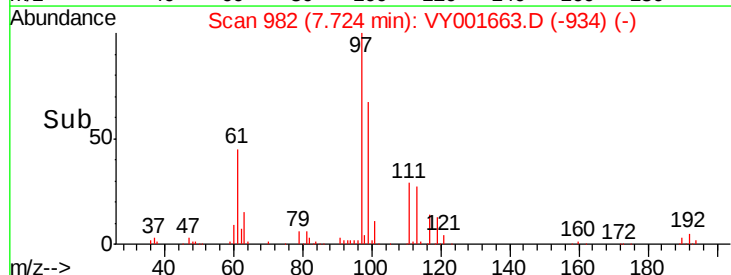
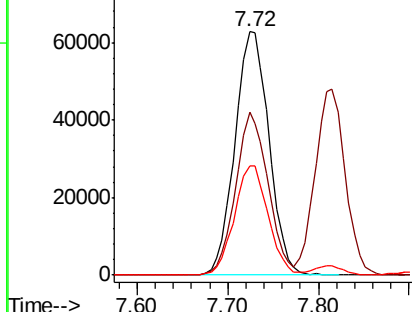


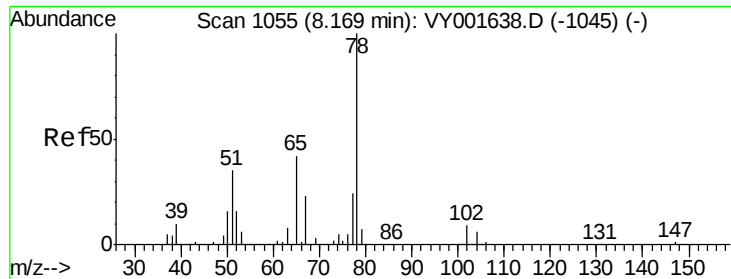
#32
1,1,1-Trichloroethane
Concen: 49.144 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY001663.D
Acq: 18 Feb 2020 10:37

Tgt Ion: 97 Resp: 163176
Ion Ratio Lower Upper
97 100
99 64.0 51.2 76.8
61 44.7 35.0 52.6



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0





#33

1,2-Dichloroethane-d4

Concen: 48.185 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

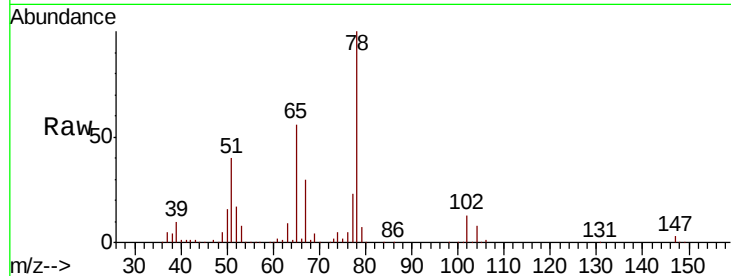
VSTDCCC050

Tot Ion: 65 Resp: 98871

Ion Ratio Lower Upper

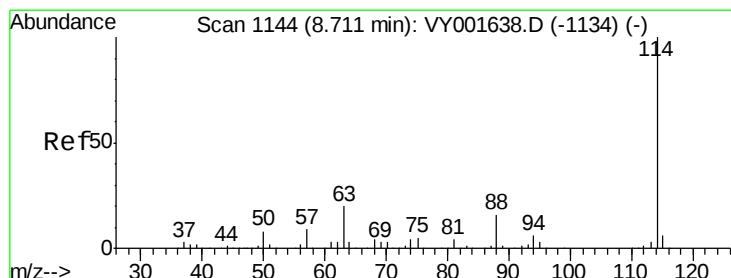
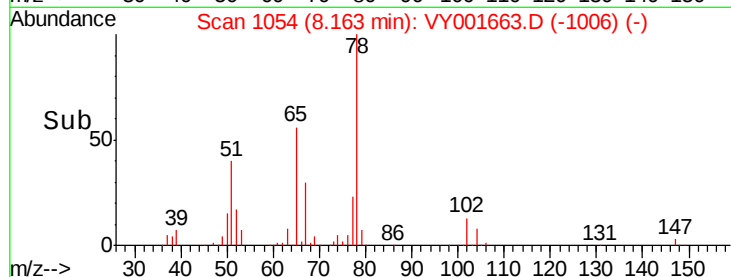
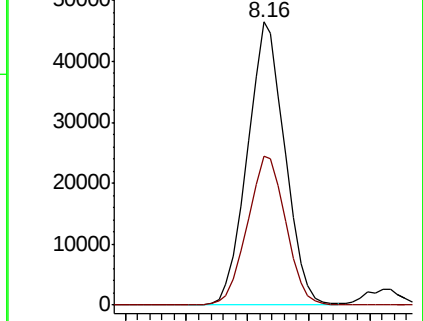
65 100

67 53.9 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001663.D (-1045) (-)

Ion 66.90 (66.60 to 67.60): VY001663.D (-1045) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

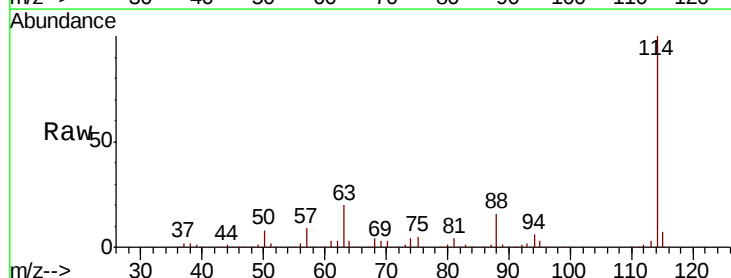
Tgt Ion: 114 Resp: 339860

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.4

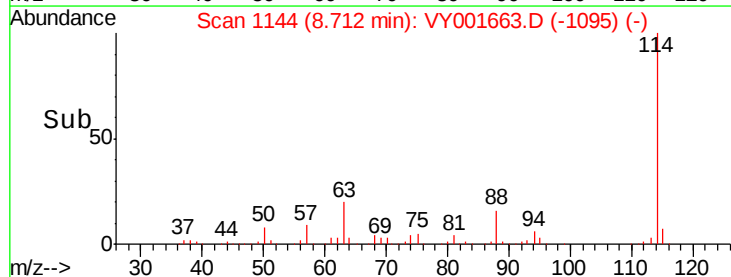
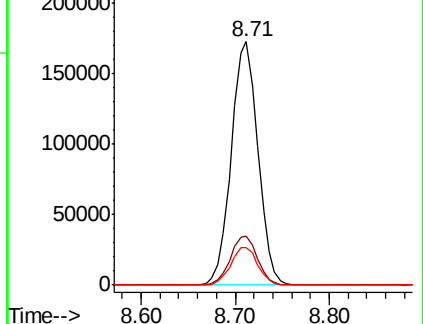
88 15.5 0.0 32.8

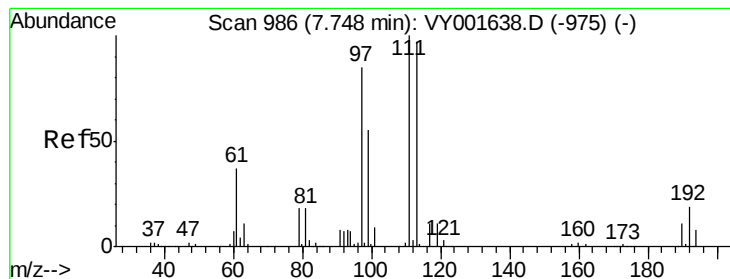


Abundance Ion 113.90 (113.60 to 114.60): VY001663.D (-1095) (-)

Ion 63.00 (62.70 to 63.70): VY001663.D (-1095) (-)

Ion 87.90 (87.60 to 88.60): VY001663.D (-1095) (-)





#35

Dibromofluoromethane

Concen: 46.471 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

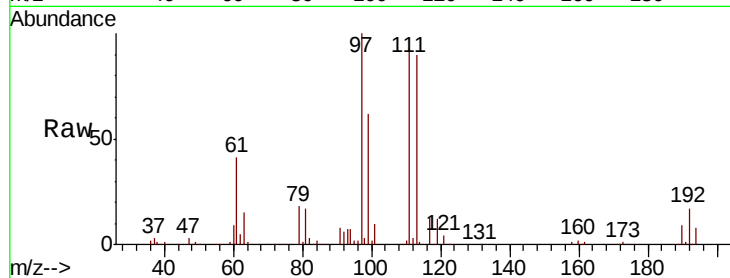
Tot Ion:113 Resp: 90458

Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

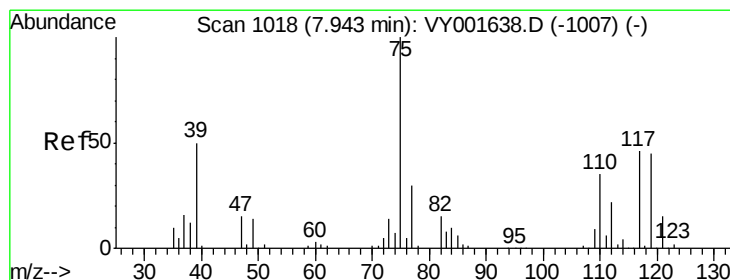
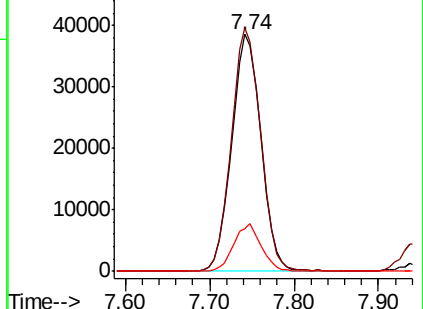
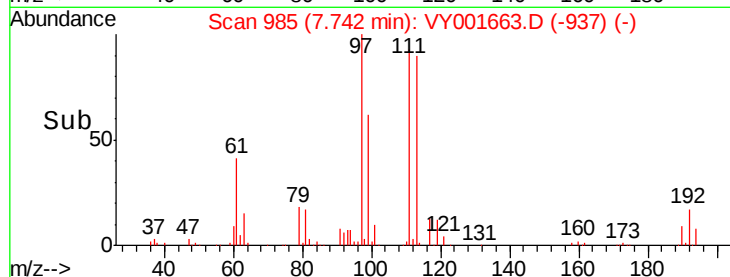
192 18.8 14.3 21.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.326 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

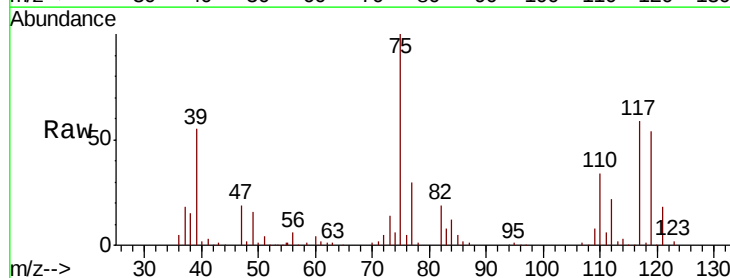
Tgt Ion: 75 Resp: 160129

Ion Ratio Lower Upper

75 100

110 35.0 17.2 51.6

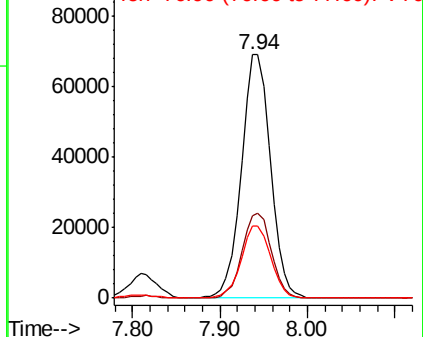
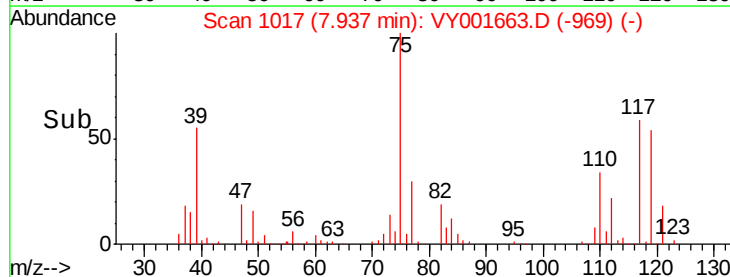
77 30.3 24.8 37.2

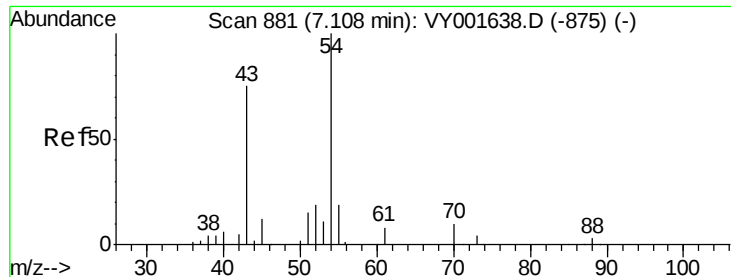


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

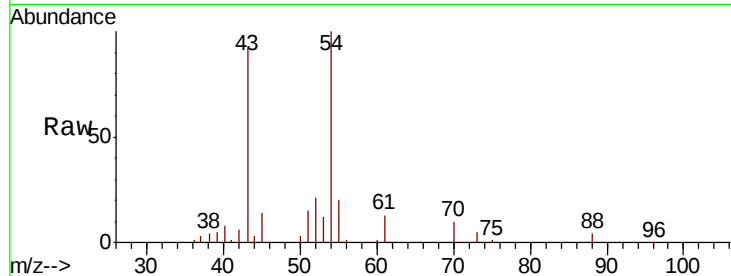




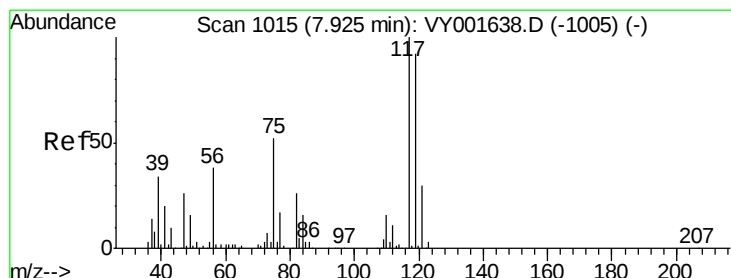
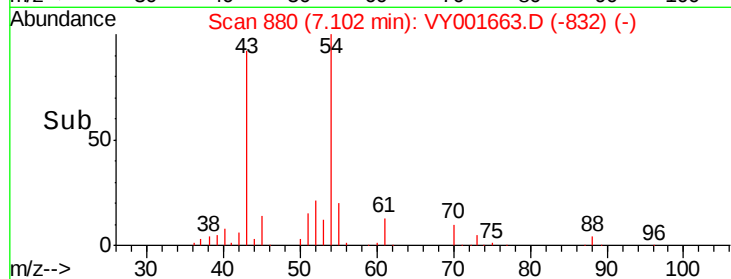
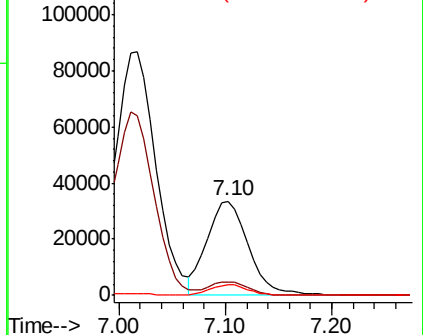
#37
Ethyl Acetate
Concen: 46.349 ug/l
RT: 7.10 min Scan# 880
Delta R.T. -0.01 min
Lab File: VY001663.D
Acq: 18 Feb 2020 10:37

Instrument :
MSVOA_Y
ClientSampleID :
VSTDCCC050

Tot Ion: 43 Resp: 89804
Ion Ratio Lower Upper
43 100
61 14.0 11.0 16.6
70 10.7 8.8 13.2

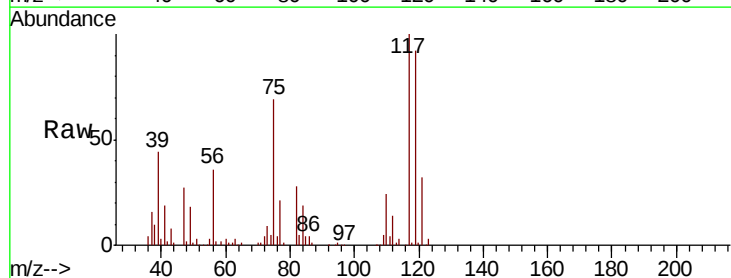


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

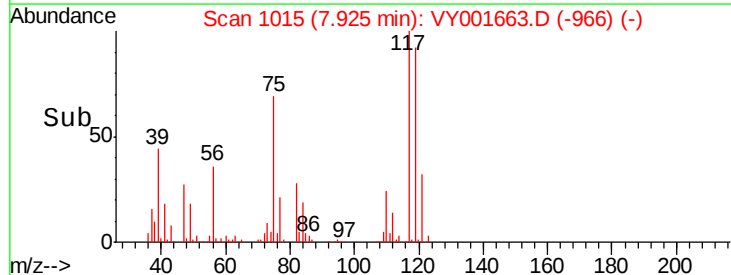
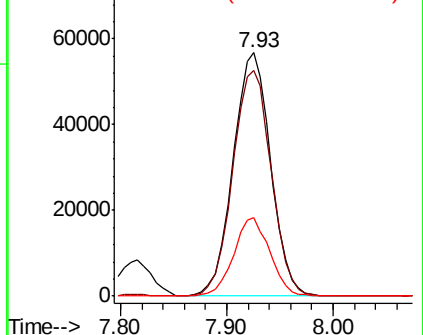


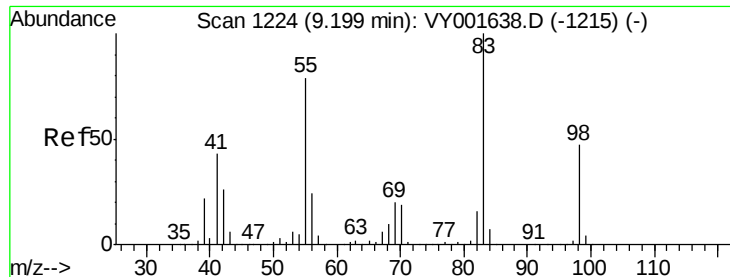
#38
Carbon Tetrachloride
Concen: 49.239 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY001663.D
Acq: 18 Feb 2020 10:37

Tgt Ion: 117 Resp: 140401
Ion Ratio Lower Upper
117 100
119 92.4 74.8 112.2
121 32.0 23.8 35.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

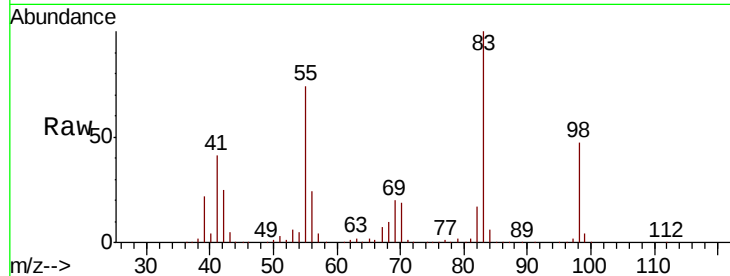




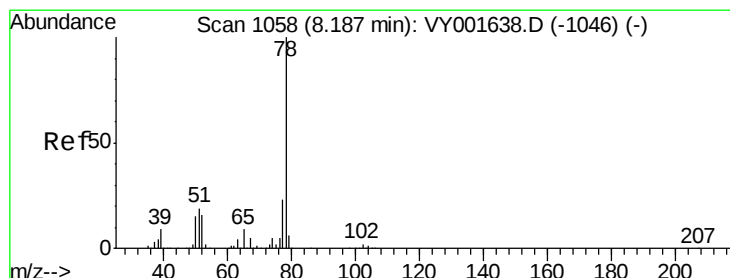
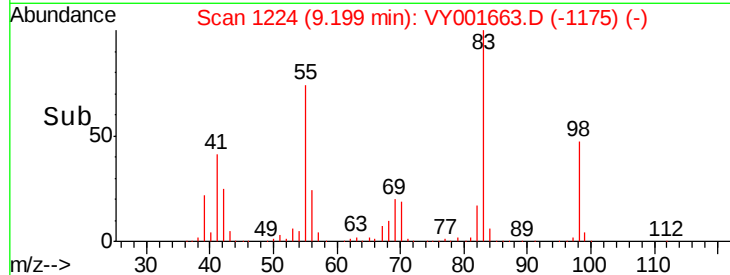
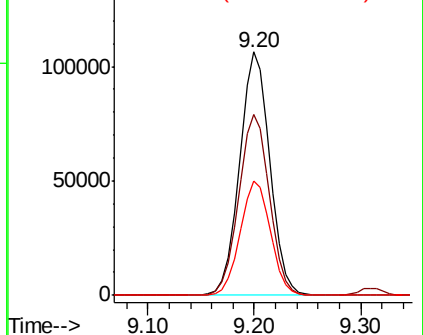
#39
Methylvlcyclohexane
Concen: 49.148 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.00 min
Lab File: VY001663.D
Acq: 18 Feb 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 211671
Ion Ratio Lower Upper
83 100
55 74.1 61.3 91.9
98 46.9 38.0 57.0

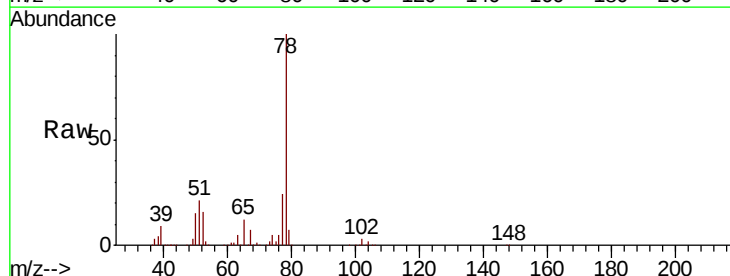


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

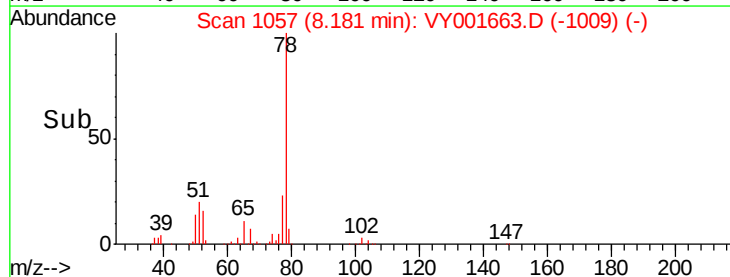
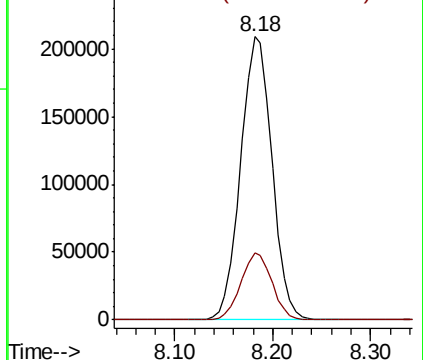


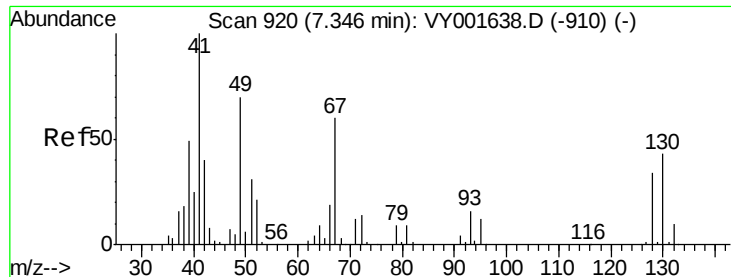
#40
Benzene
Concen: 48.652 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001663.D
Acq: 18 Feb 2020 10:37

Tgt Ion: 78 Resp: 464515
Ion Ratio Lower Upper
78 100
77 23.6 18.2 27.4



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

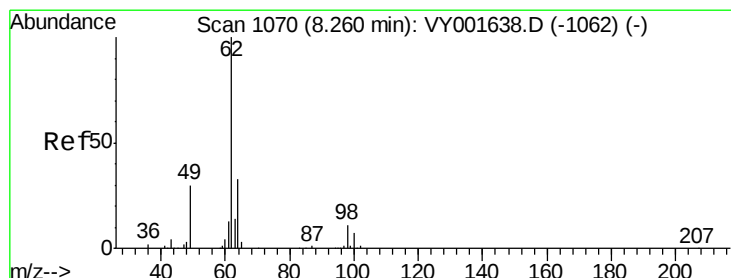
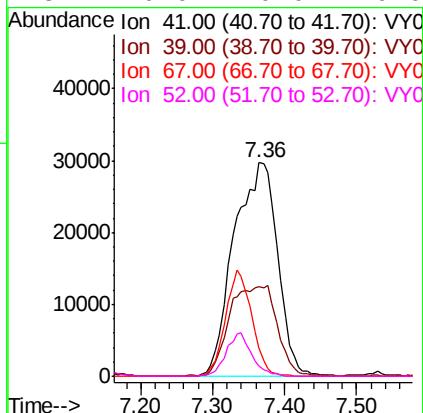
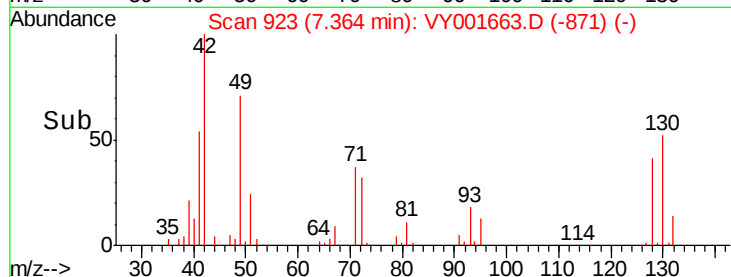
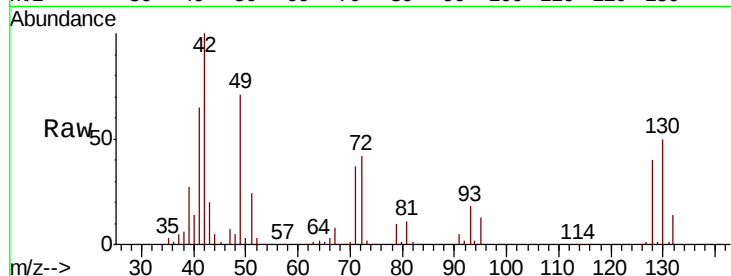




#41
Methacrylonitrile
Concen: 128.247 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.02 min
Lab File: VY001663.D
Acq: 18 Feb 2020 10:37

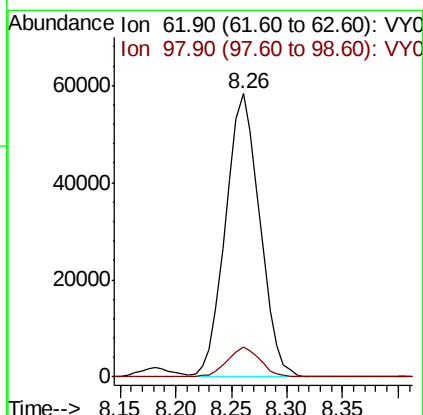
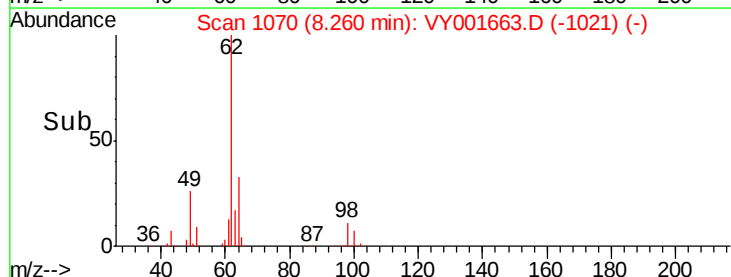
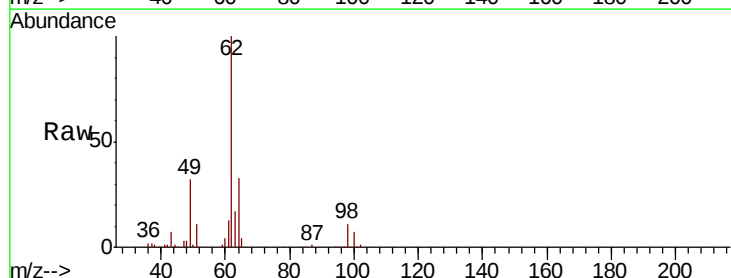
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

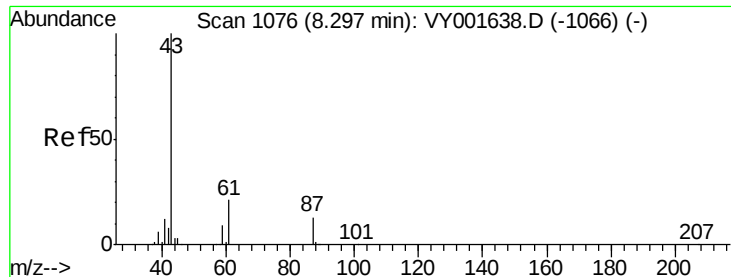
Tot Ion:	41	Resp:	124768
Ion	Ratio	Lower	Upper
41	100		
39	46.2	36.0	54.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 47.773 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VY001663.D
Acq: 18 Feb 2020 10:37

Tgt Ion:	62	Resp:	124261
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.8



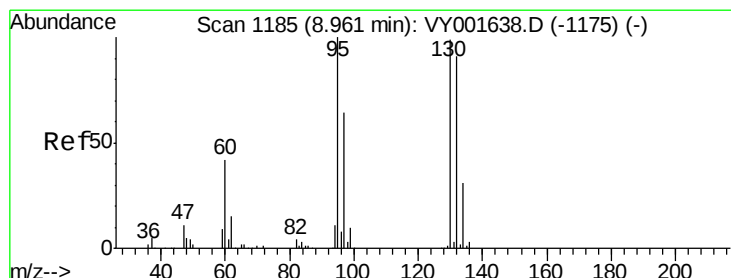
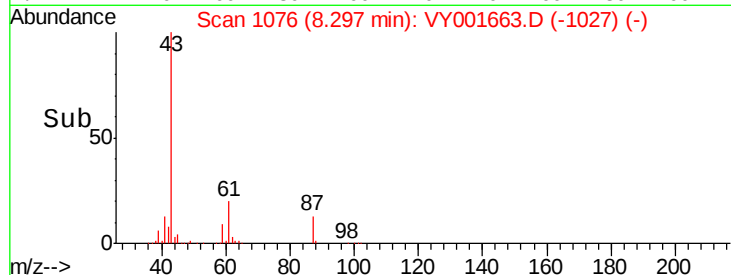
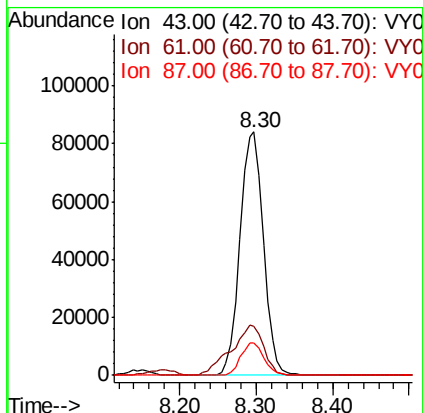
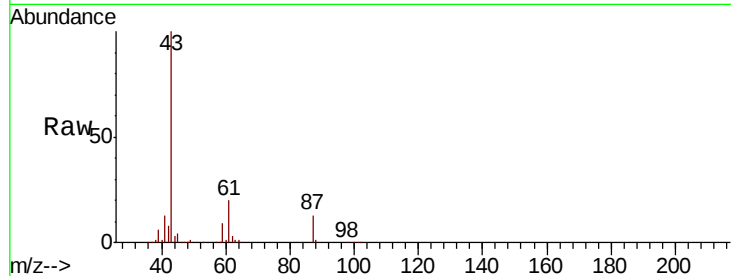


#43

Isopropyl Acetate
 Concen: 48.585 ug/l
 RT: 8.30 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: VY001663.D
 Acq: 18 Feb 2020 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

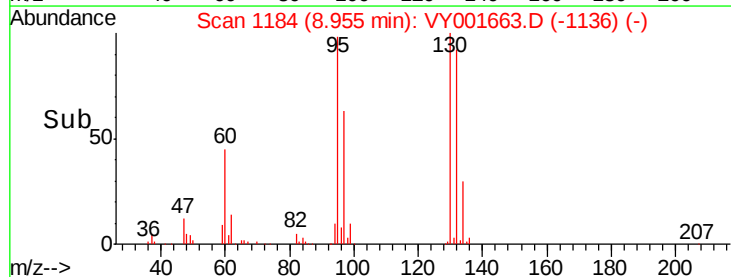
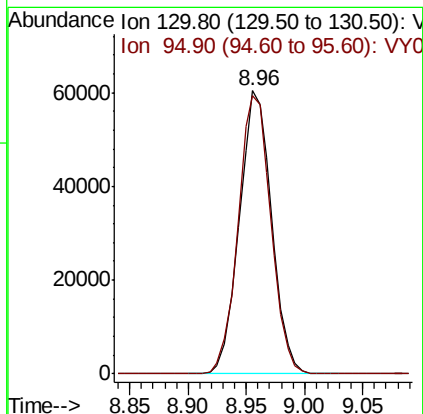
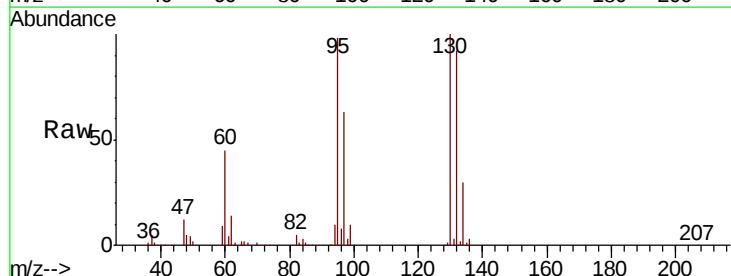
Tot Ion	43	Resp	178612
Ion Ratio	Lower	Upper	
43	100		
61	28.3	23.0	34.4
87	13.2	10.7	16.1

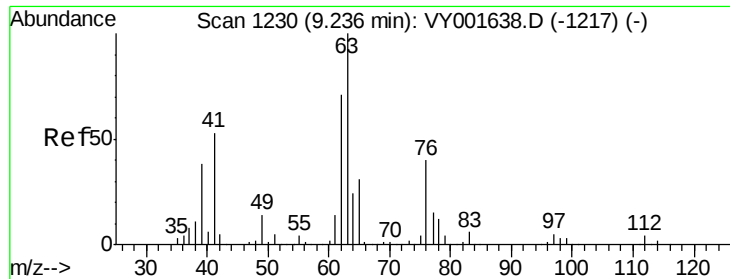


#44

Trichloroethene
 Concen: 48.957 ug/l
 RT: 8.96 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: VY001663.D
 Acq: 18 Feb 2020 10:37

Tgt Ion	130	Resp	116684
Ion Ratio	Lower	Upper	
130	100		
95	98.4	0.0	200.6

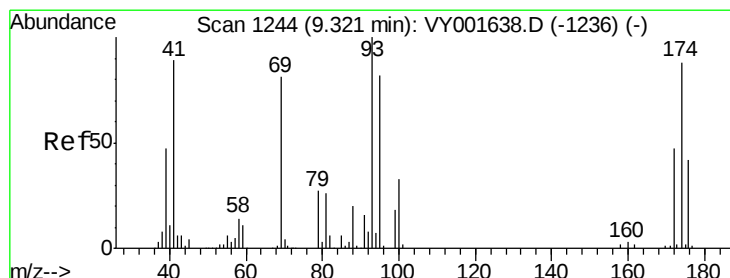
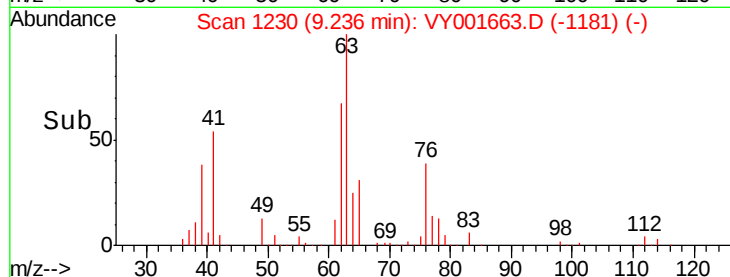
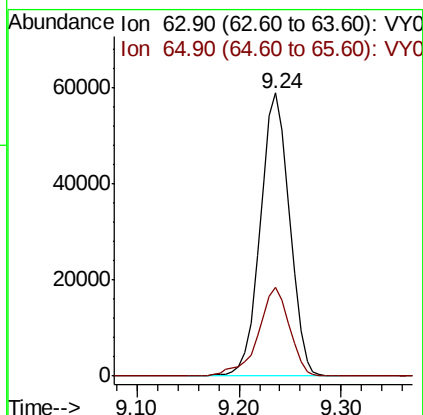
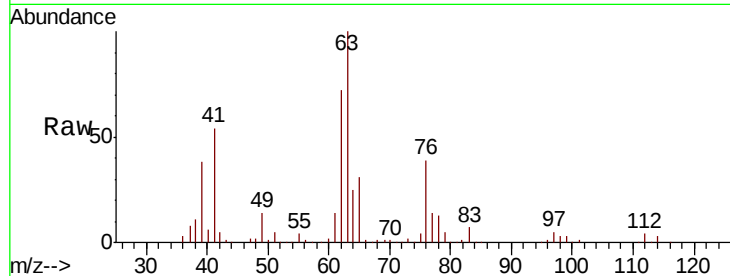




#45
 1,2-Dichloropropane
 Concen: 49.158 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: VY001663.D
 Acq: 18 Feb 2020 10:37

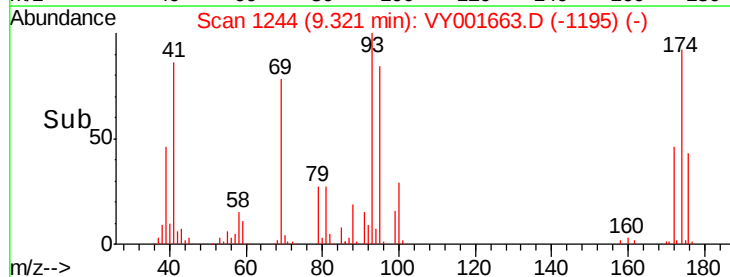
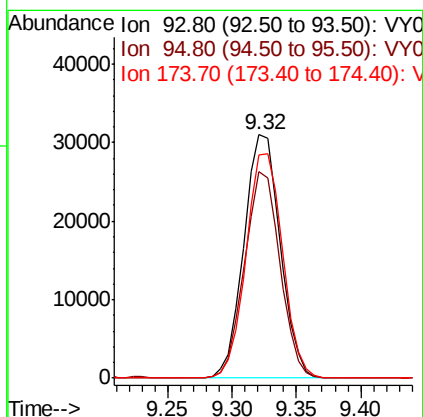
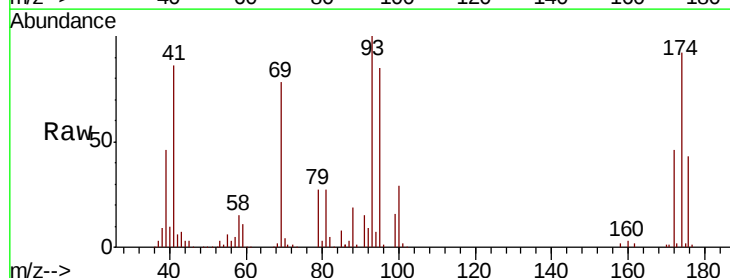
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

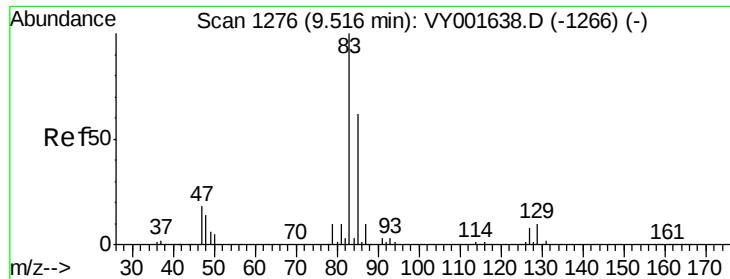
Tot Ion: 63 Resp: 117542
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.6 37.0



#46
 Dibromomethane
 Concen: 48.396 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: VY001663.D
 Acq: 18 Feb 2020 10:37

Tgt Ion: 93 Resp: 60526
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.1 99.1
 174 92.4 72.5 108.7





#47

Bromodichloromethane

Concen: 48.551 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

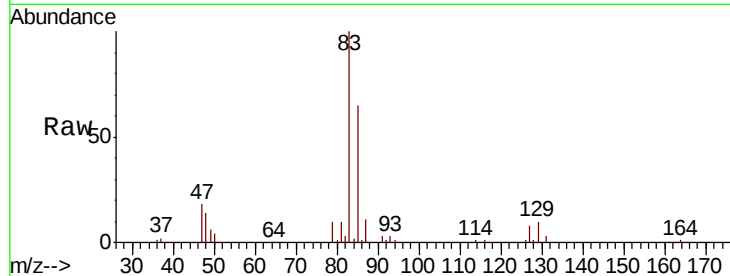
Tot Ion: 83 Resp: 146545

Ion Ratio Lower Upper

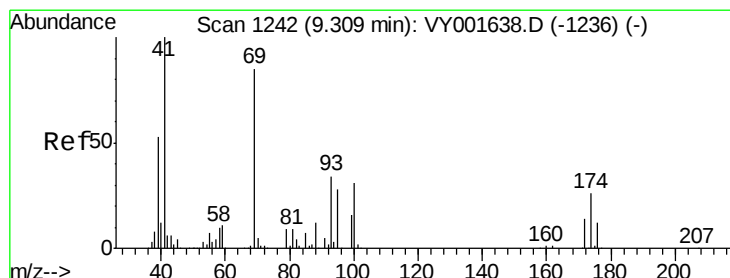
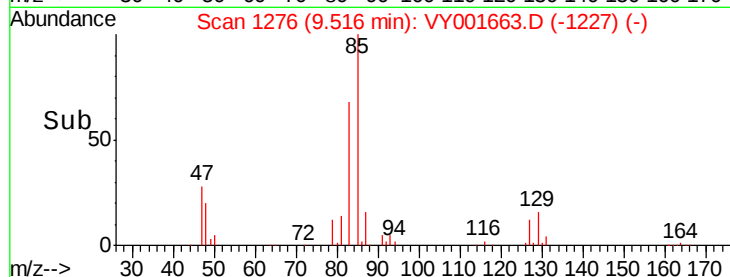
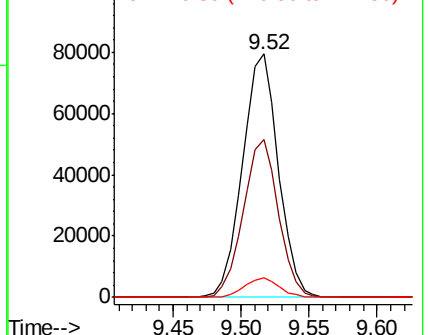
83 100

85 64.9 51.4 77.0

127 8.0 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 47.519 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

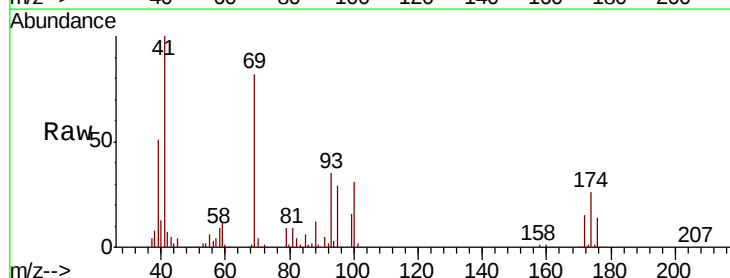
Tgt Ion: 41 Resp: 79006

Ion Ratio Lower Upper

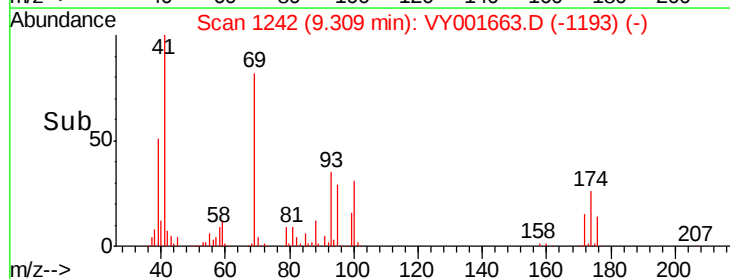
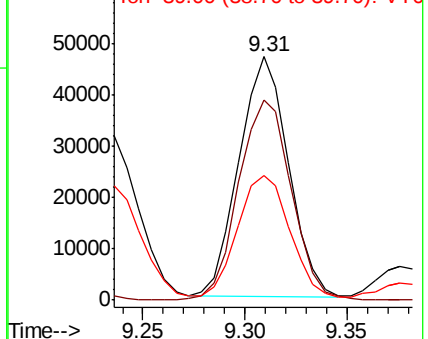
41 100

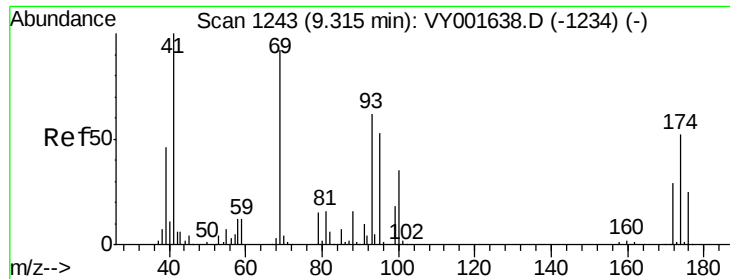
69 88.4 70.7 106.1

39 53.4 42.2 63.2



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

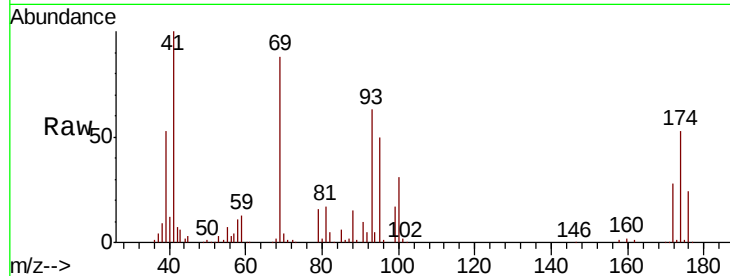




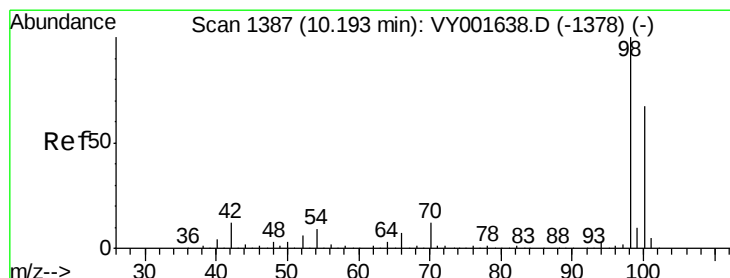
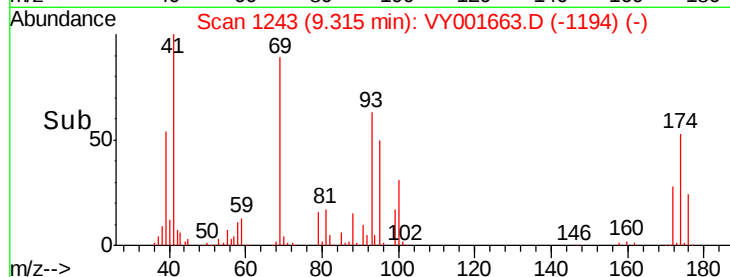
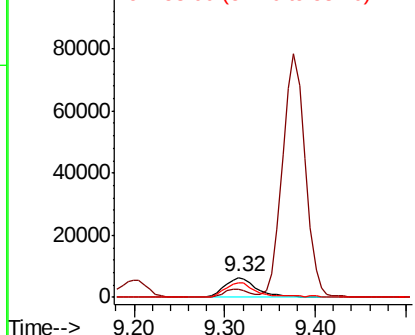
#49
1,4-Dioxane
Concen: 903.818 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.00 min
Lab File: VY001663.D
Acq: 18 Feb 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 15965
Ion Ratio Lower Upper
88 100
43 31.0 23.1 34.7
58 76.2 58.1 87.1

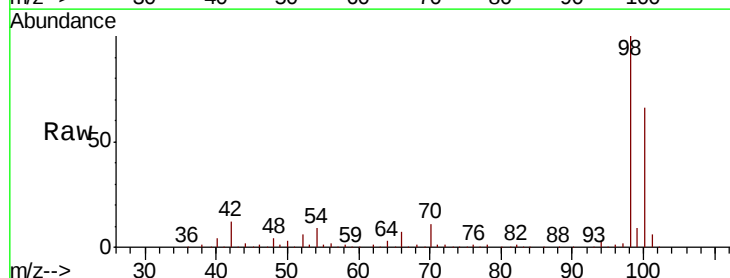


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

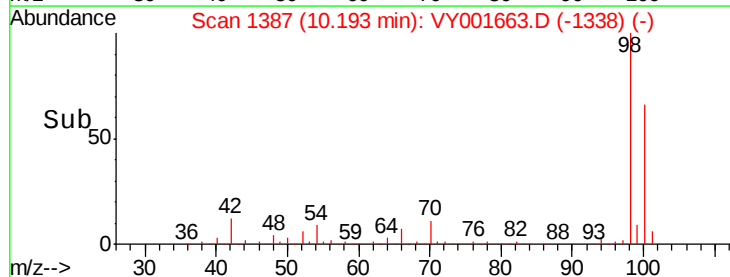
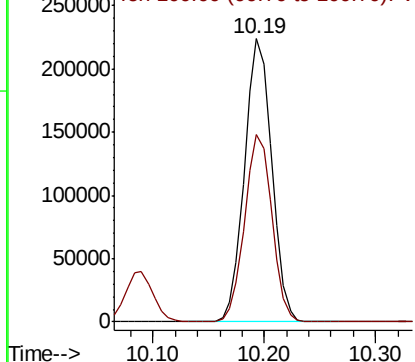


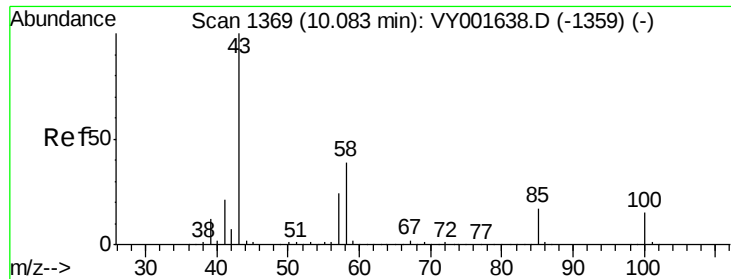
#50
Toluene-d8
Concen: 50.078 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY001663.D
Acq: 18 Feb 2020 10:37

Tgt Ion: 98 Resp: 381897
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

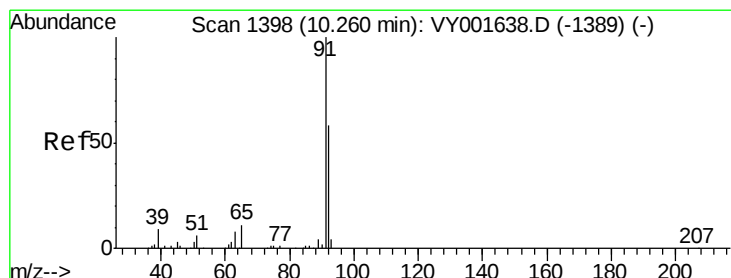
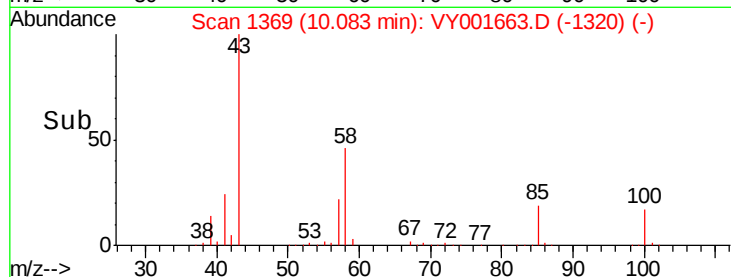
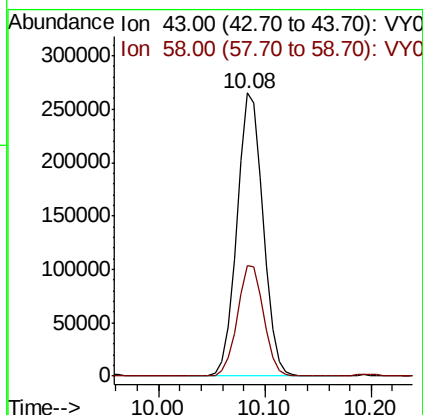
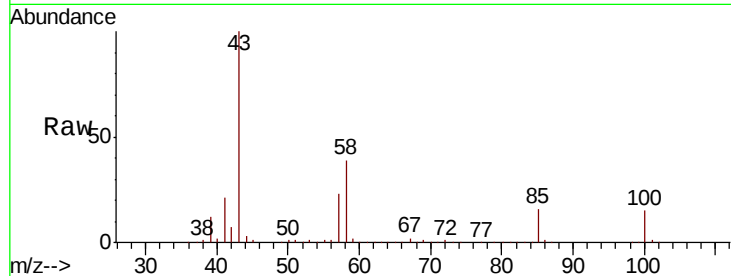




#51
4-Methyl-2-Pentanone
Concen: 242.106 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VY001663.D
Acq: 18 Feb 2020 10:37

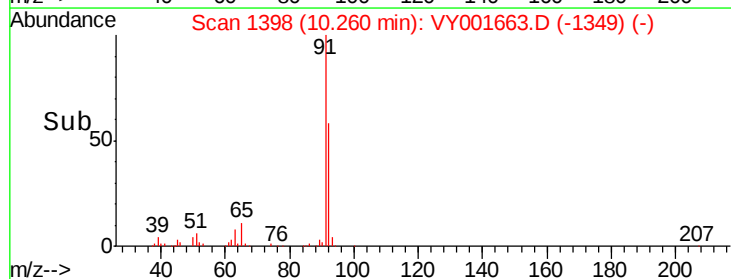
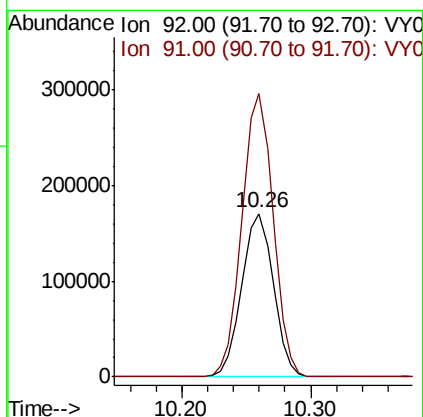
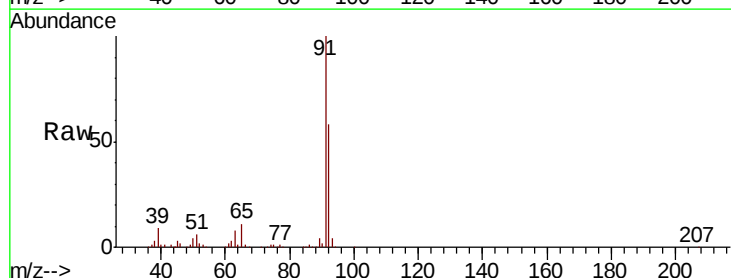
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

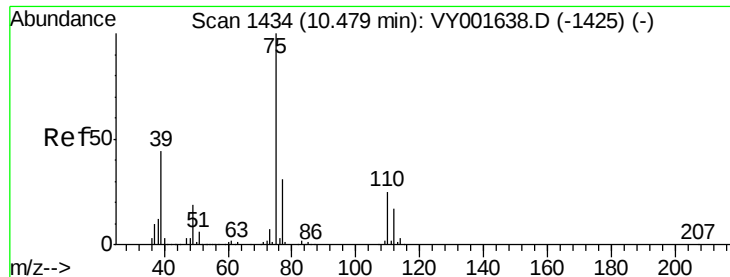
Tot Ion: 43 Resp: 457297
Ion Ratio Lower Upper
43 100
58 39.3 32.2 48.4



#52
Toluene
Concen: 48.826 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.00 min
Lab File: VY001663.D
Acq: 18 Feb 2020 10:37

Tgt Ion: 92 Resp: 290787
Ion Ratio Lower Upper
92 100
91 171.0 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 48.843 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

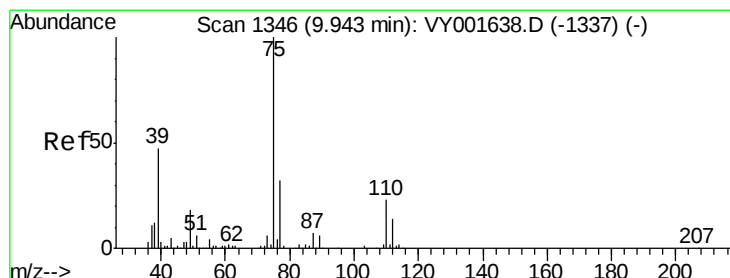
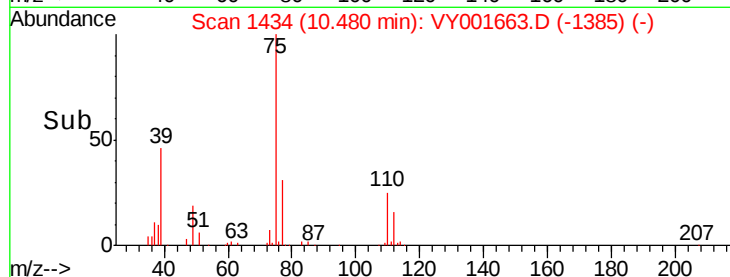
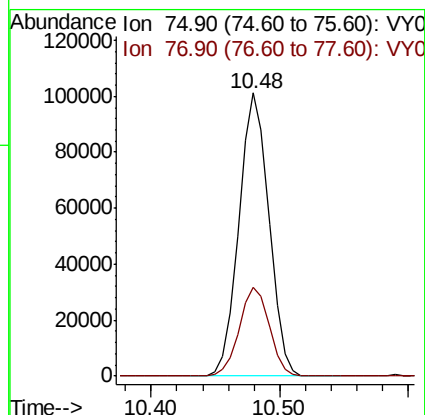
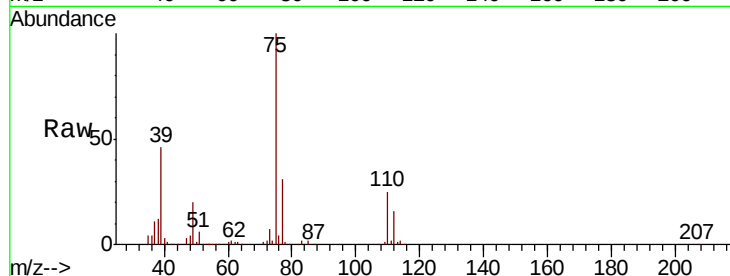
VSTDCCC050

Tot Ion: 75 Resp: 162980

Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 48.744 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

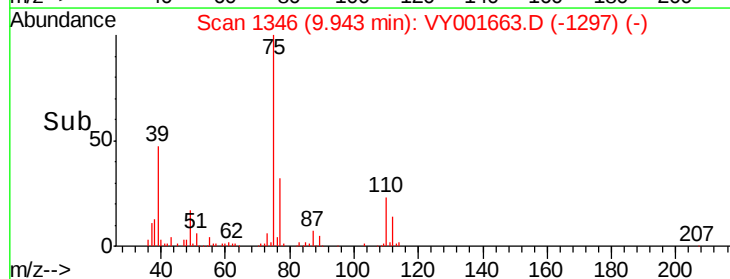
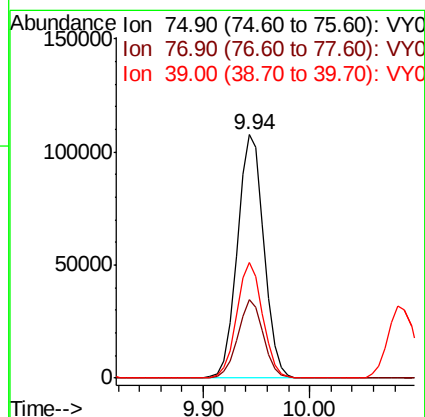
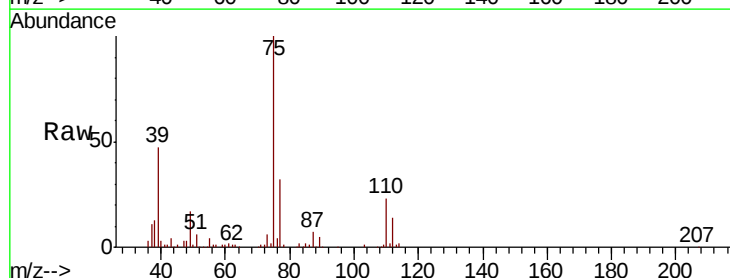
Tgt Ion: 75 Resp: 187200

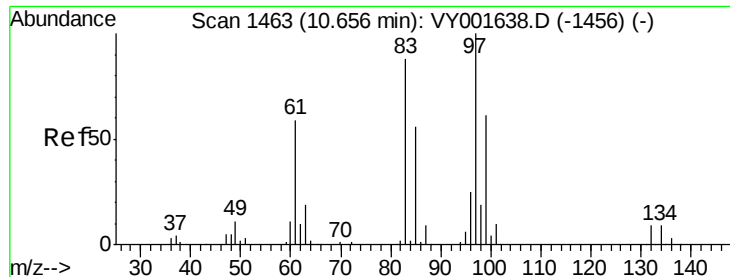
Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5

39 47.3 35.7 53.5





#55

1,1,2-Trichloroethane

Concen: 48.242 ug/l

RT: 10.66 min Scan# 1464

Delta R.T. 0.01 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 88963

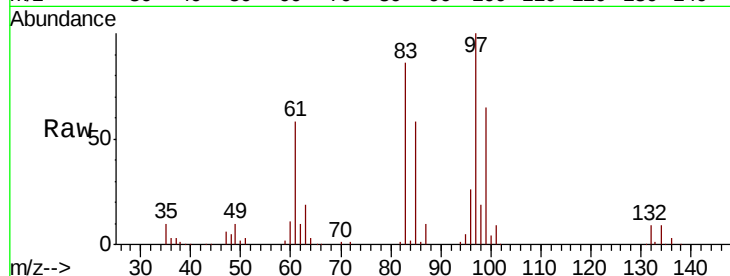
Ion Ratio Lower Upper

97 100

83 86.4 69.7 104.5

85 58.0 44.5 66.7

99 65.2 49.6 74.4

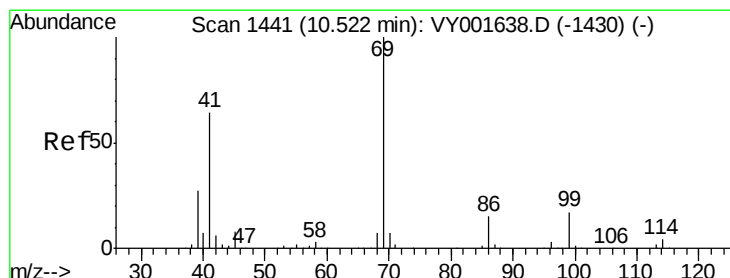
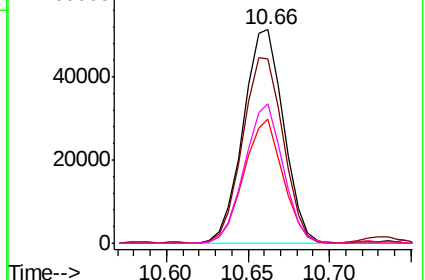
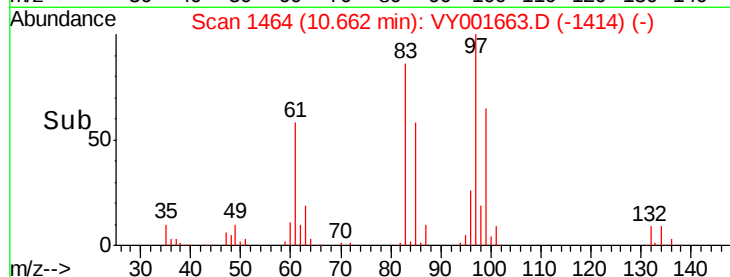


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 48.355 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

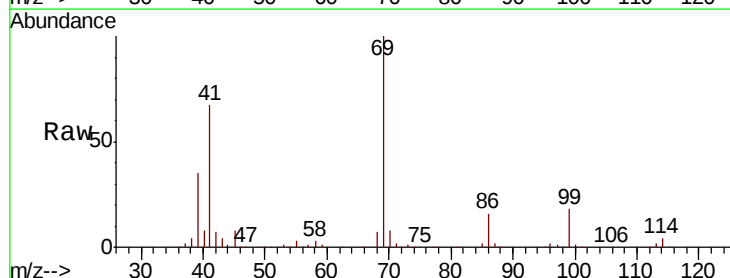
Tgt Ion: 69 Resp: 133773

Ion Ratio Lower Upper

69 100

41 66.4 51.0 76.4

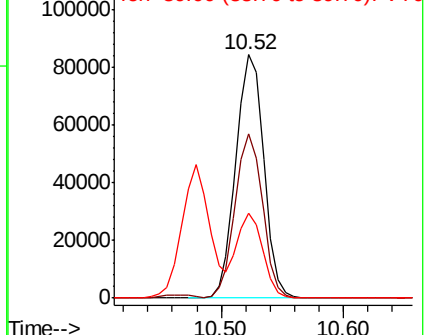
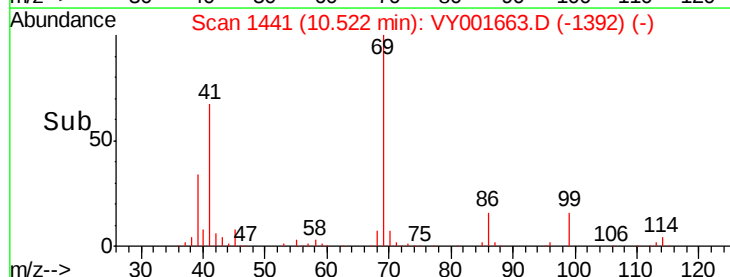
39 32.5 24.7 37.1

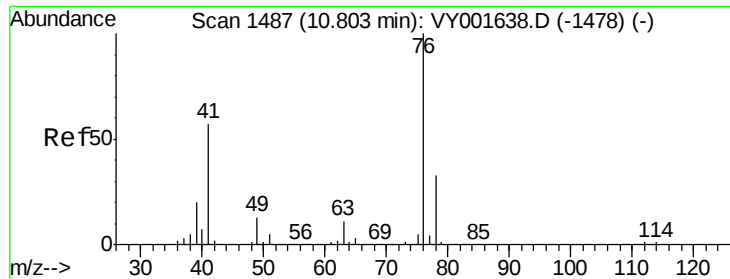


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 47.745 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

Instrument :

MSVOA_Y

ClientSampled :

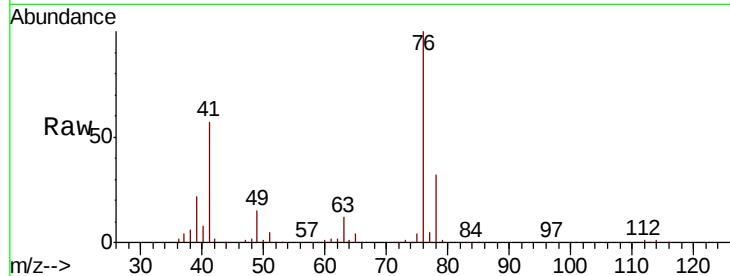
VSTDCCC050

Tot Ion: 76 Resp: 156443

Ion Ratio Lower Upper

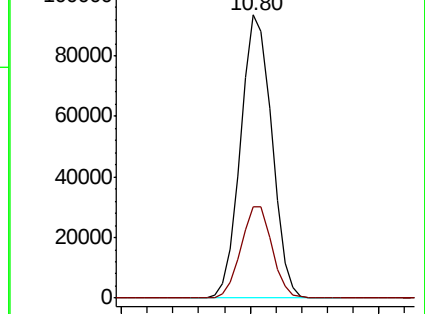
76 100

78 32.2 25.7 38.5

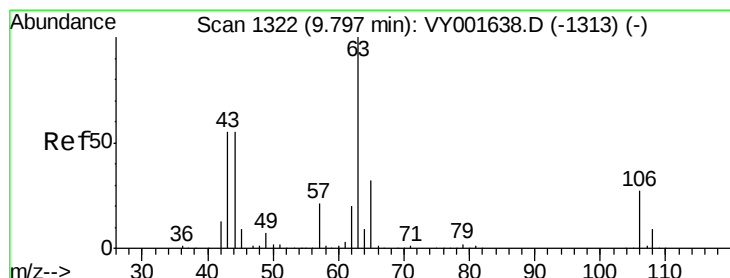
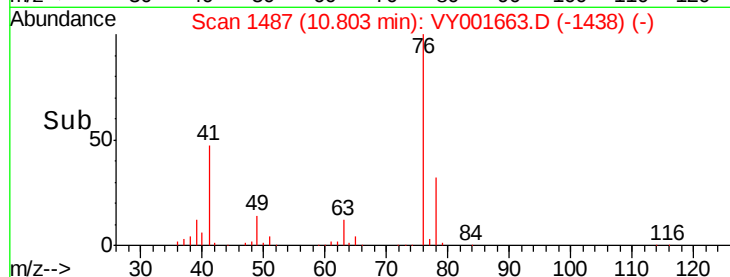


Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



Time--> 10.70 10.80 10.90



#58

2-Chloroethyl Vinyl ether

Concen: 230.780 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VY001663.D

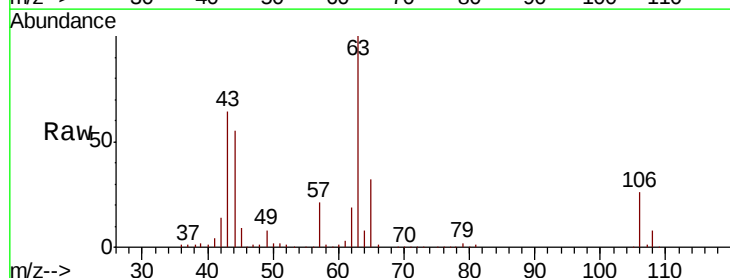
Acq: 18 Feb 2020 10:37

Tgt Ion: 63 Resp: 241636

Ion Ratio Lower Upper

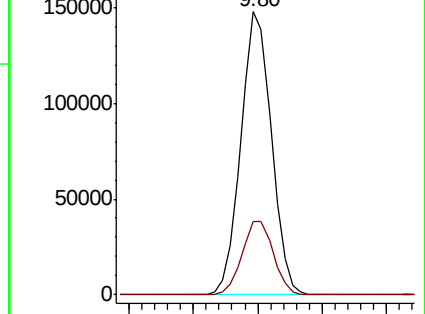
63 100

106 26.8 21.6 32.4

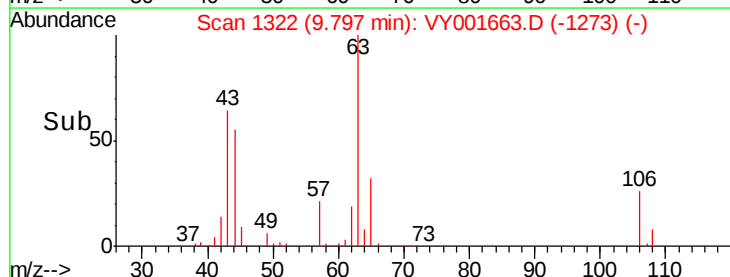


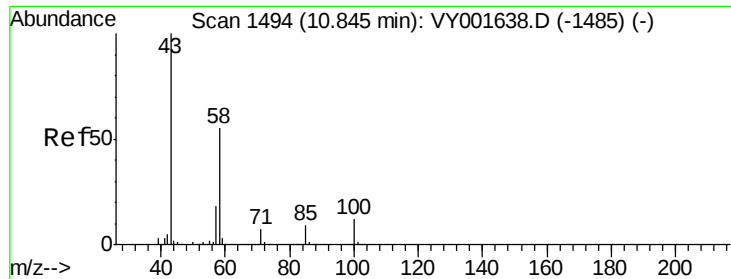
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V



Time--> 9.70 9.75 9.80 9.85 9.90

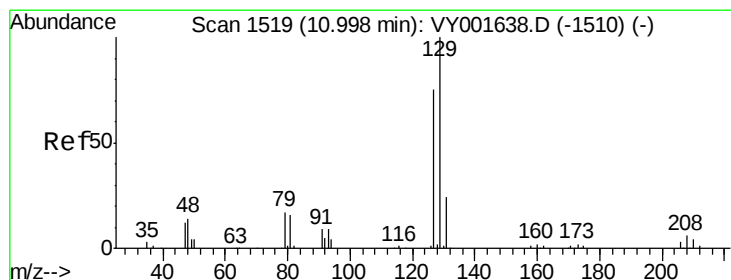
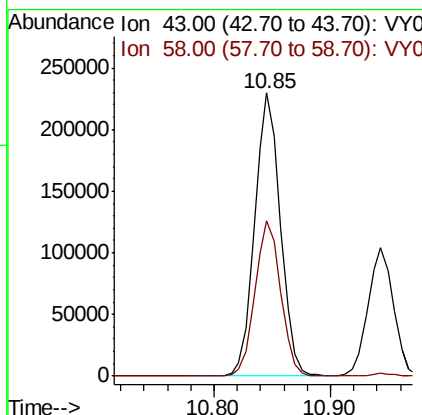
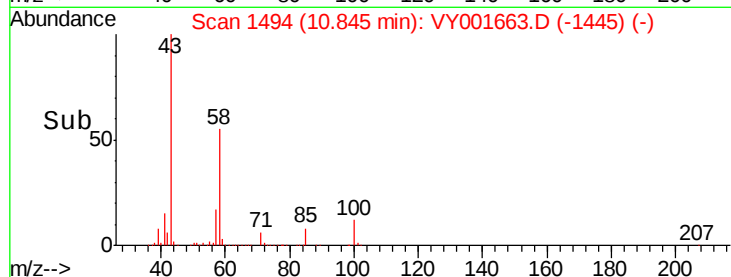
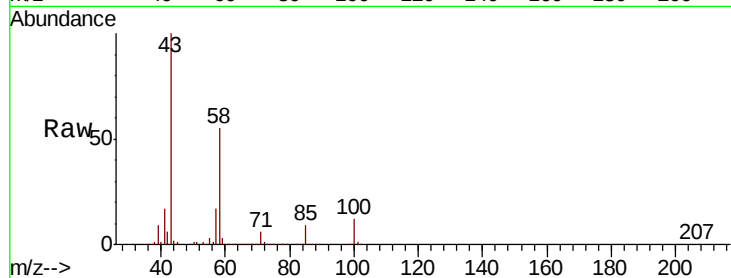




#59
2-Hexanone
Concen: 249.198 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY001663.D
Acq: 18 Feb 2020 10:37

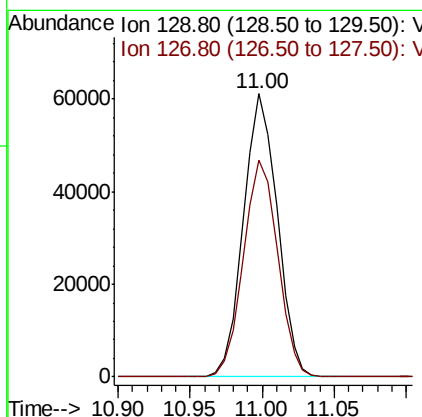
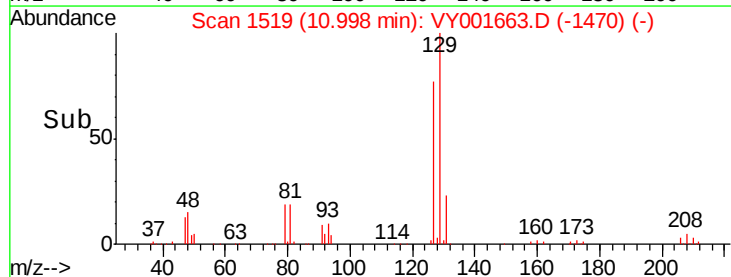
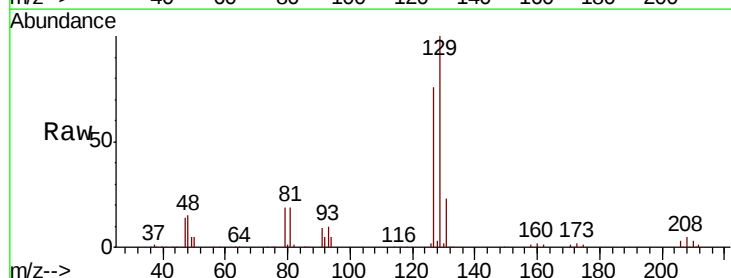
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

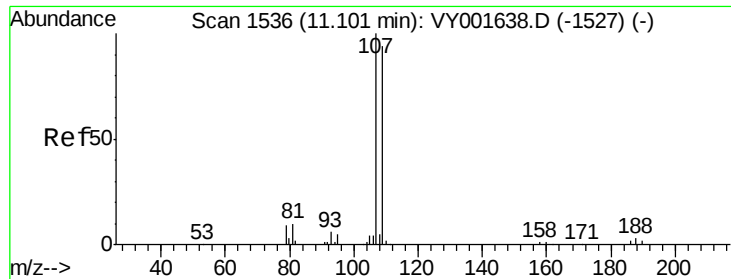
Tot Ion: 43 Resp: 353169
Ion Ratio Lower Upper
43 100
58 54.9 28.4 85.2



#60
Dibromochloromethane
Concen: 48.983 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY001663.D
Acq: 18 Feb 2020 10:37

Tgt Ion: 129 Resp: 99590
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6

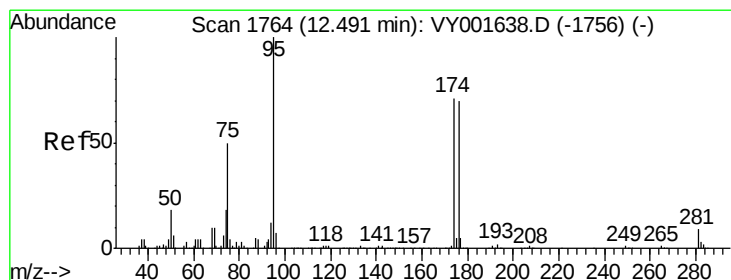
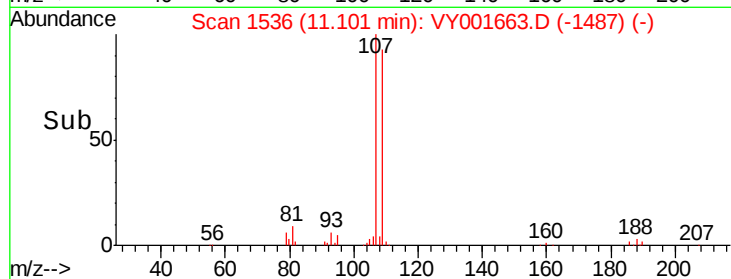
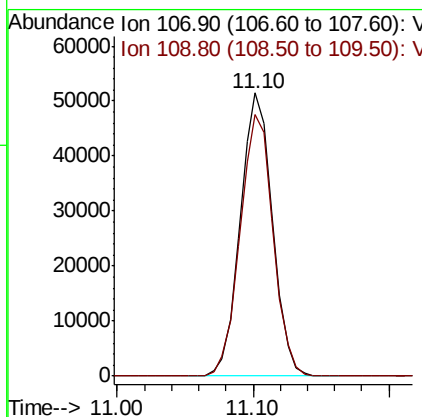
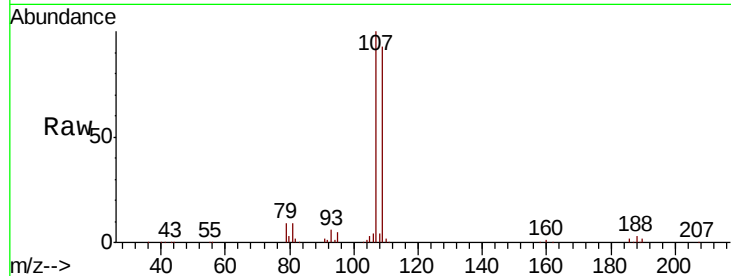




#61
 1,2-Dibromoethane
 Concen: 48.563 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: VY001663.D
 Acq: 18 Feb 2020 10:37

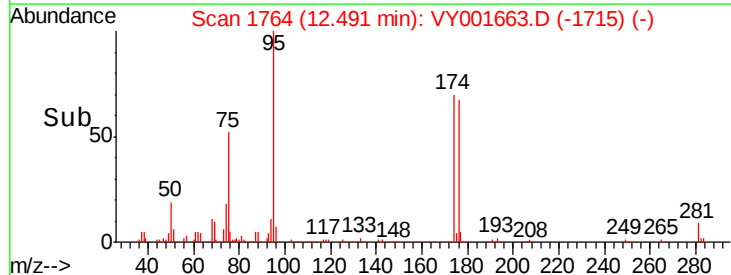
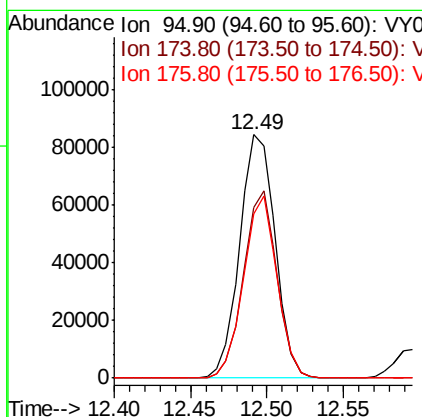
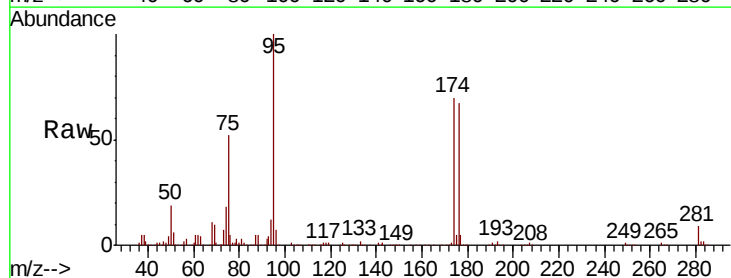
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

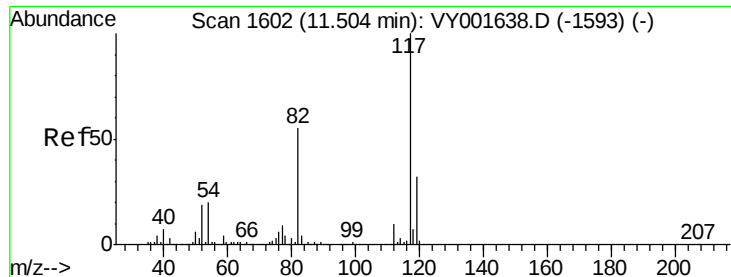
Tot Ion: 107 Resp: 84678
 Ion Ratio Lower Upper
 107 100
 109 94.9 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 45.790 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY001663.D
 Acq: 18 Feb 2020 10:37

Tgt Ion: 95 Resp: 135660
 Ion Ratio Lower Upper
 95 100
 174 72.7 0.0 138.4
 176 70.9 0.0 131.8

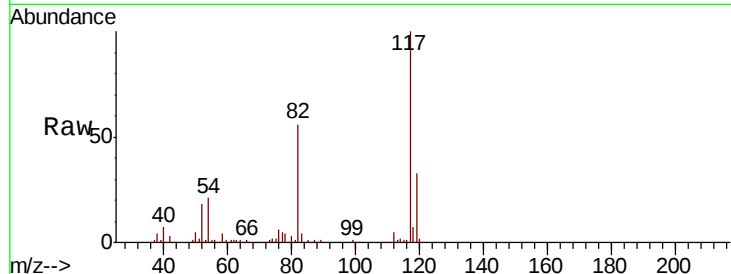




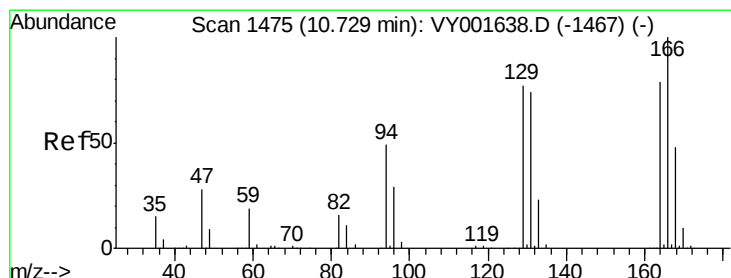
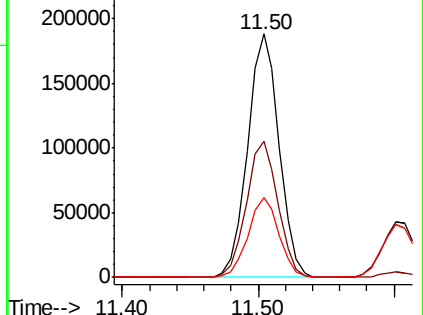
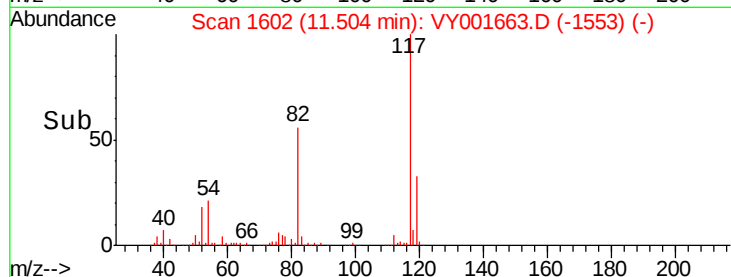
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001663.D
Acq: 18 Feb 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 303427
Ion Ratio Lower Upper
117 100
82 55.9 45.5 68.3
119 32.8 25.8 38.6

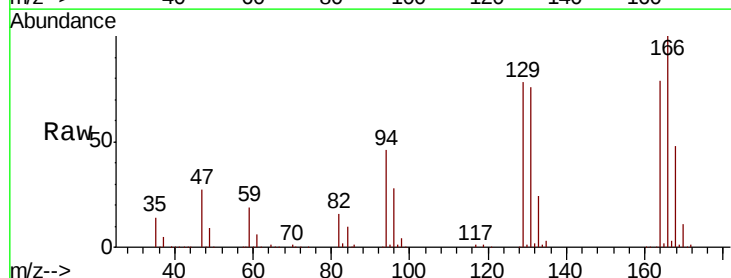


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

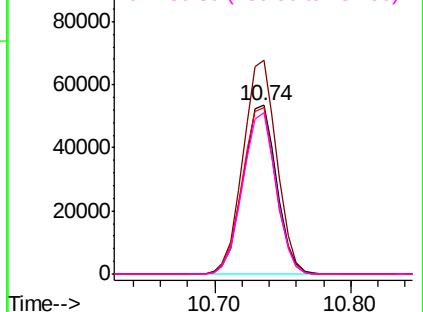
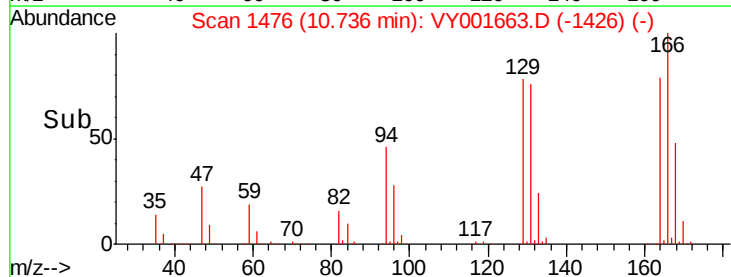


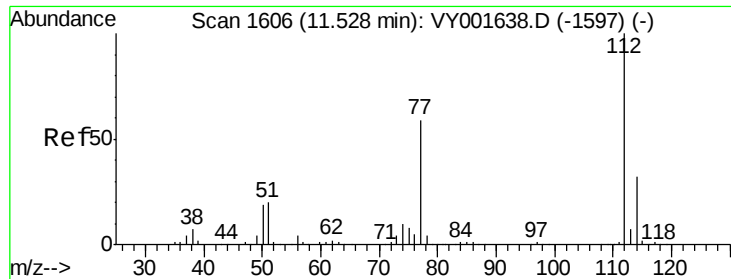
#64
Tetrachloroethene
Concen: 48.933 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001663.D
Acq: 18 Feb 2020 10:37

Tgt Ion:164 Resp: 93207
Ion Ratio Lower Upper
164 100
166 126.5 101.4 152.0
129 98.3 78.7 118.1
131 95.7 76.0 114.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 49.218 ug/l

RT: 11.53 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

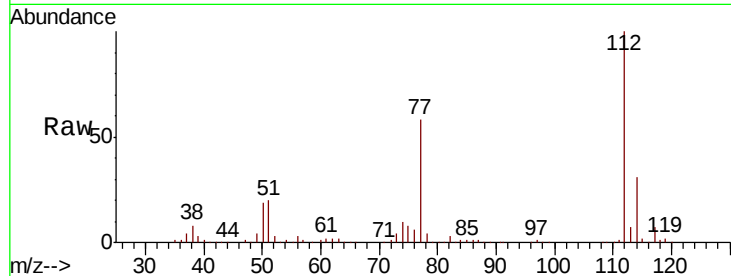
VSTDCCC050

Tot Ion:112 Resp: 298158

Ion Ratio Lower Upper

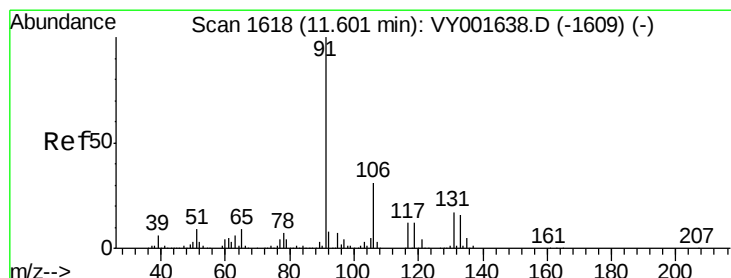
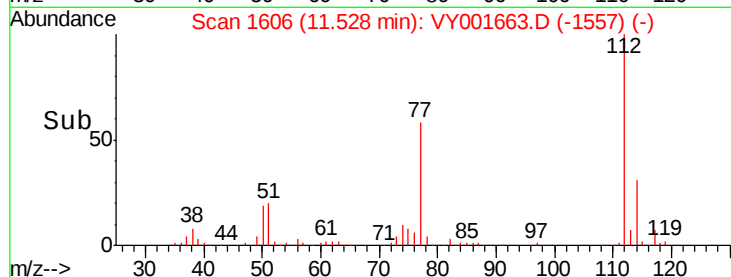
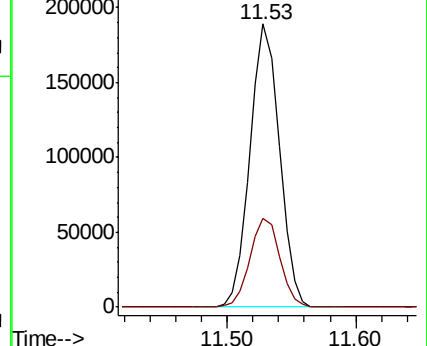
112 100

114 31.4 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.353 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

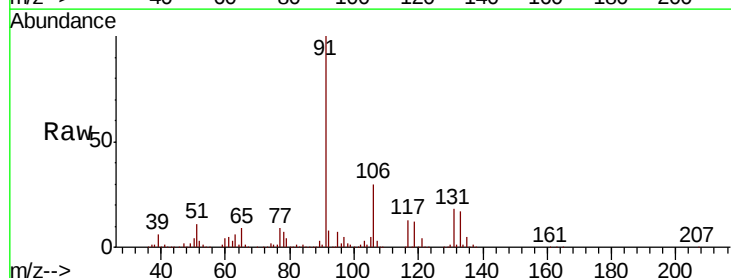
Tgt Ion:131 Resp: 100854

Ion Ratio Lower Upper

131 100

133 94.6 47.4 142.2

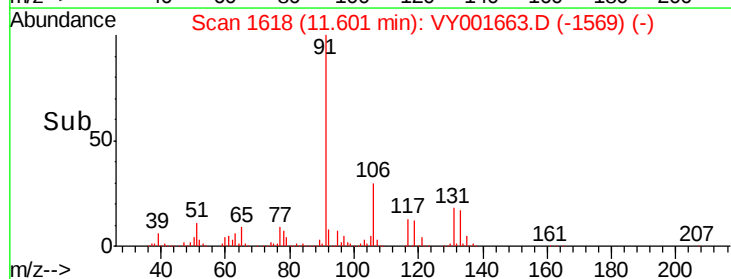
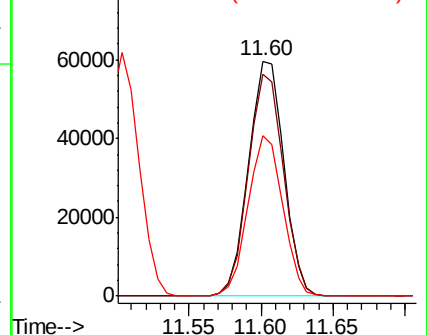
119 67.5 34.4 103.1

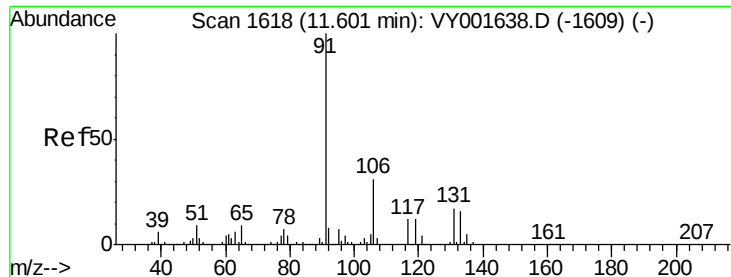


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

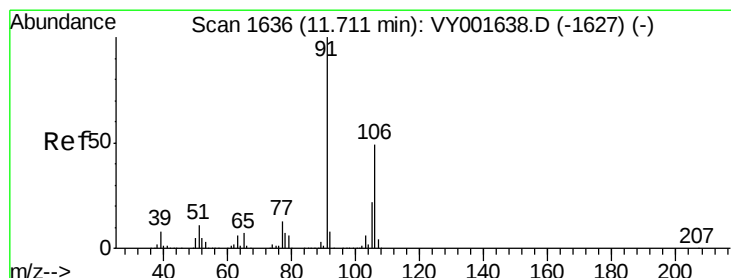
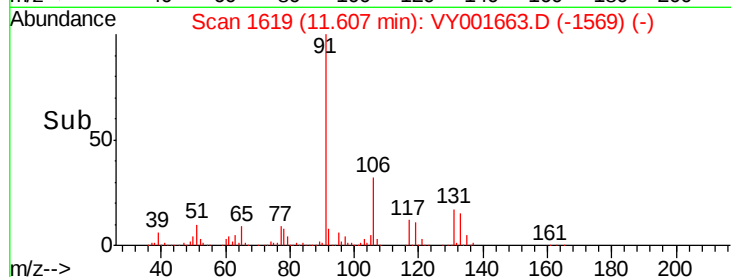
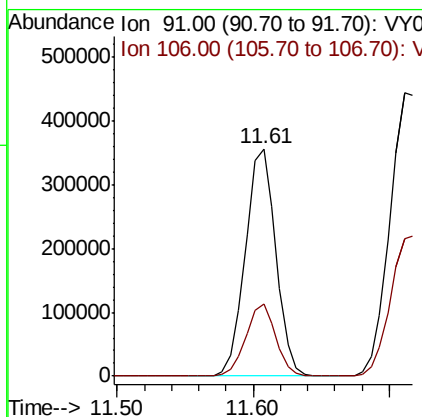
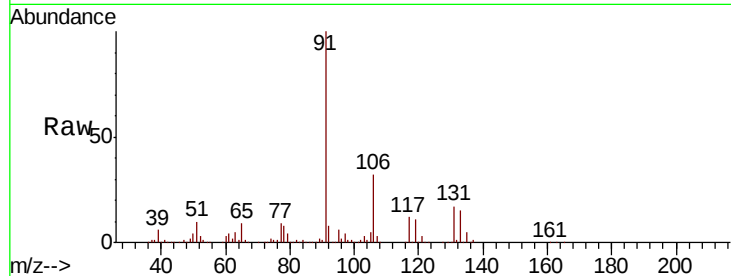




#67
Ethyl Benzene
Concen: 49.830 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001663.D
Acq: 18 Feb 2020 10:37

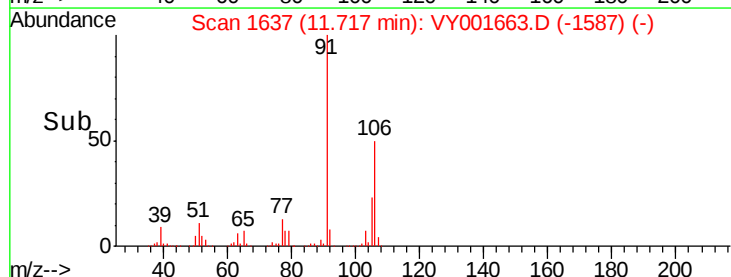
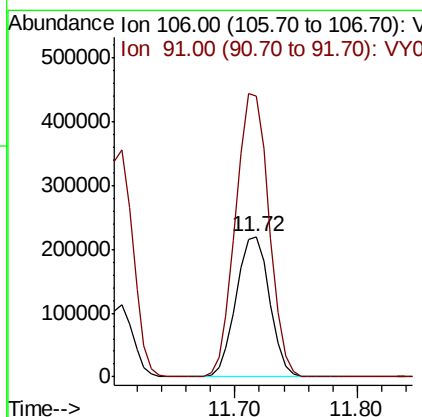
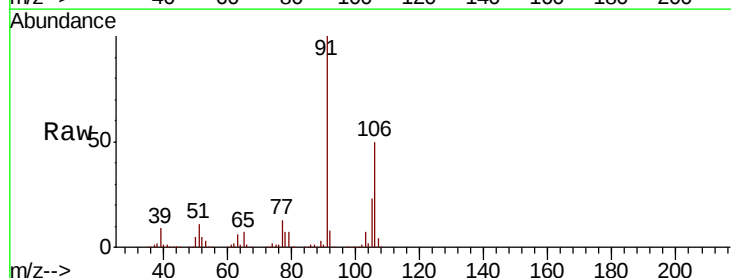
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

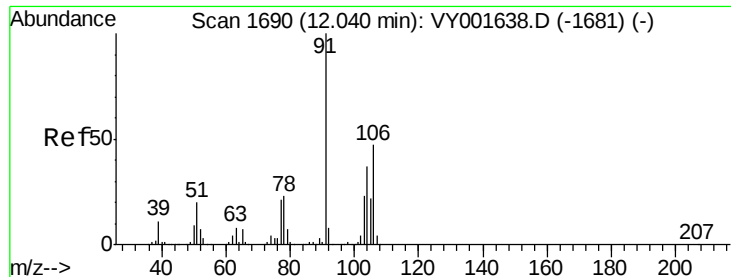
Tot Ion: 91 Resp: 560189
Ion Ratio Lower Upper
91 100
106 31.6 24.5 36.7



#68
m/p-Xylenes
Concen: 99.202 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY001663.D
Acq: 18 Feb 2020 10:37

Tgt Ion: 106 Resp: 416588
Ion Ratio Lower Upper
106 100
91 202.0 163.3 244.9

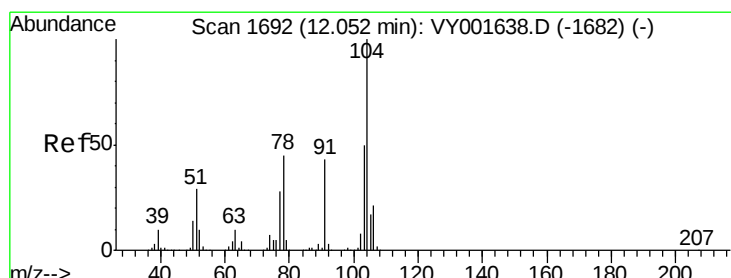
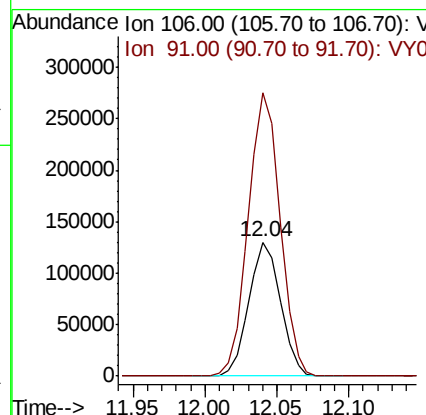
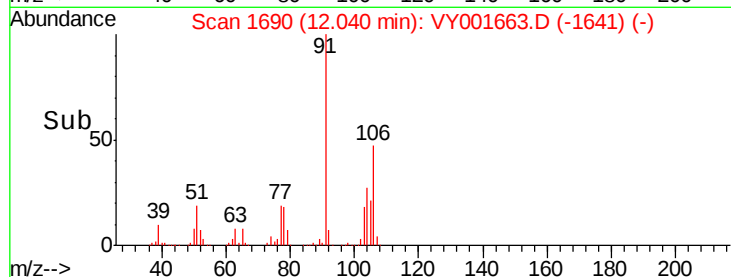
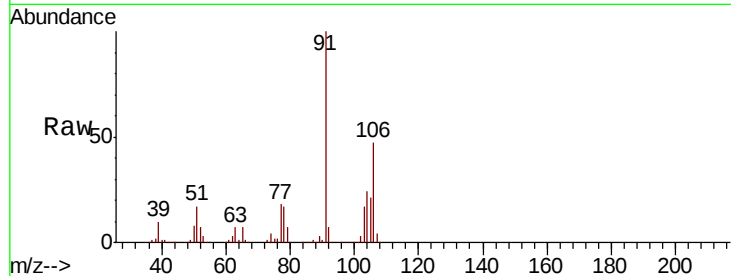




#69
o-Xylene
Concen: 49.427 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001663.D
Acq: 18 Feb 2020 10:37

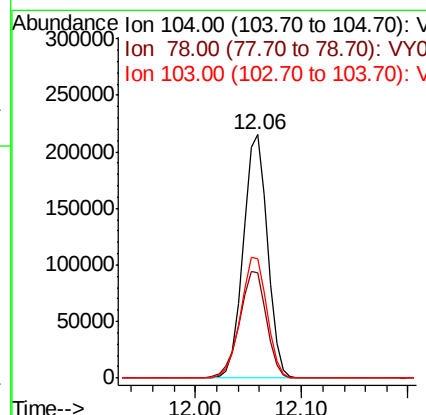
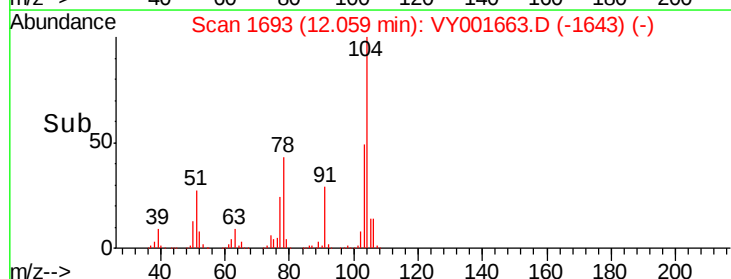
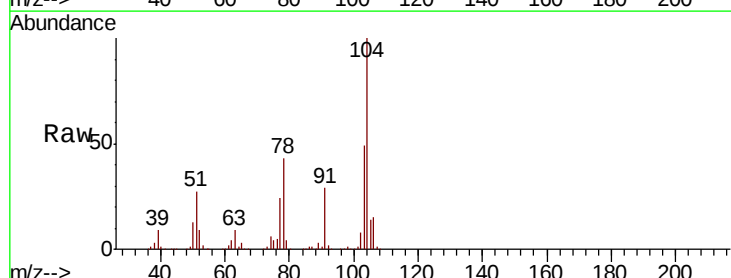
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

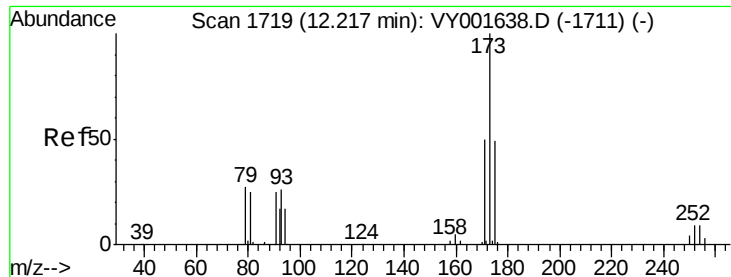
Tot Ion:106 Resp: 197331
Ion Ratio Lower Upper
106 100
91 214.0 108.3 324.9



#70
Styrene
Concen: 49.595 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001663.D
Acq: 18 Feb 2020 10:37

Tgt Ion:104 Resp: 344111
Ion Ratio Lower Upper
104 100
78 48.6 39.2 58.8
103 54.1 43.0 64.6





#71

Bromoform

Concen: 50.516 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.01 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

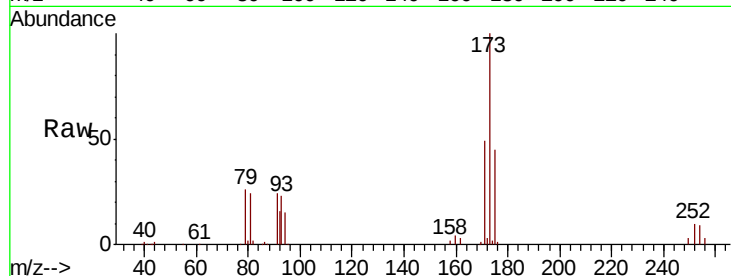
Tot Ion:173 Resp: 58994

Ion Ratio Lower Upper

173 100

175 47.8 24.3 73.0

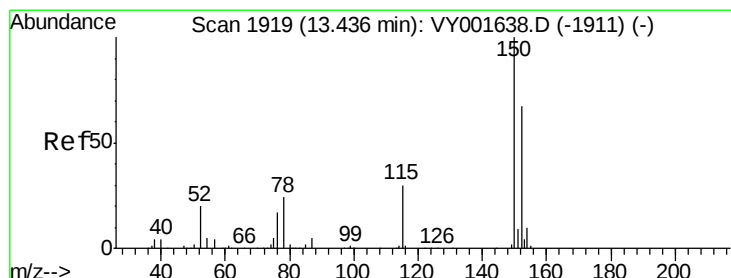
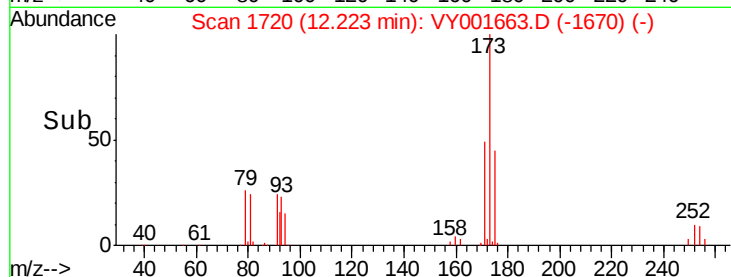
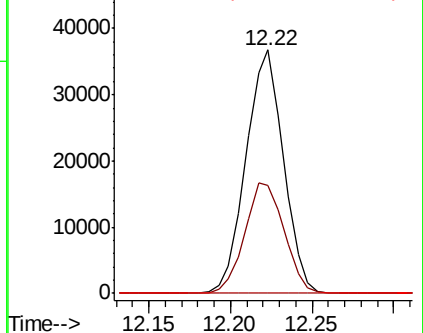
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

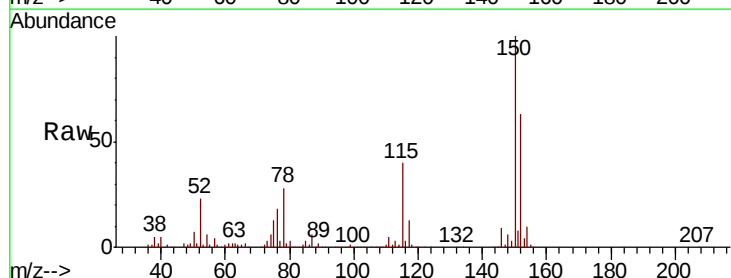
Tgt Ion:152 Resp: 144664

Ion Ratio Lower Upper

152 100

115 61.8 31.4 94.2

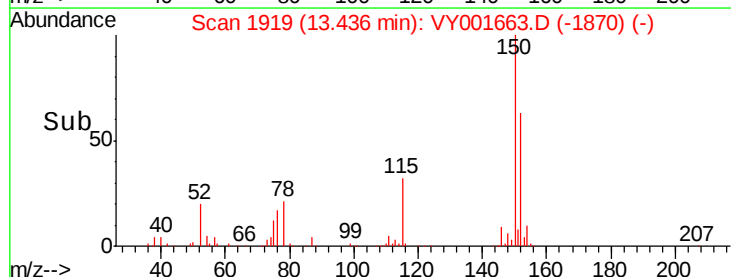
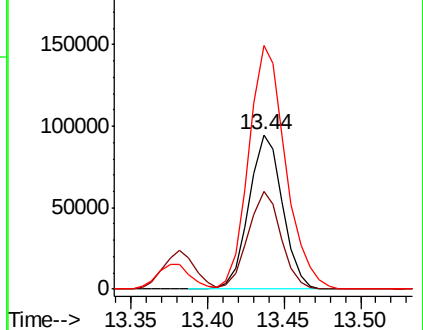
150 173.2 0.0 407.2

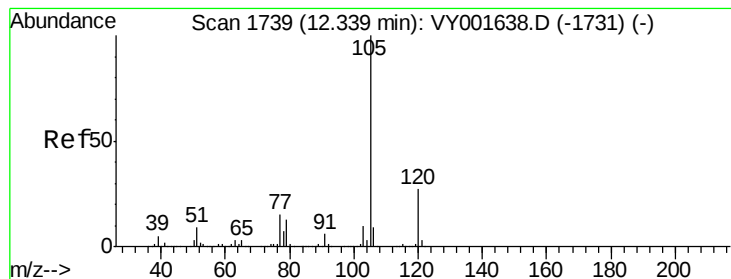


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.902 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

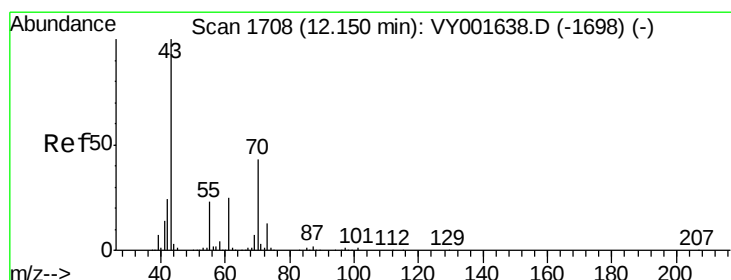
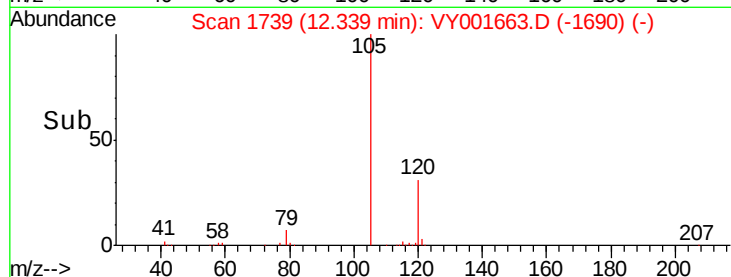
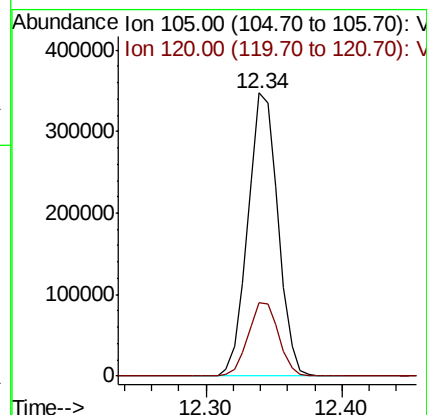
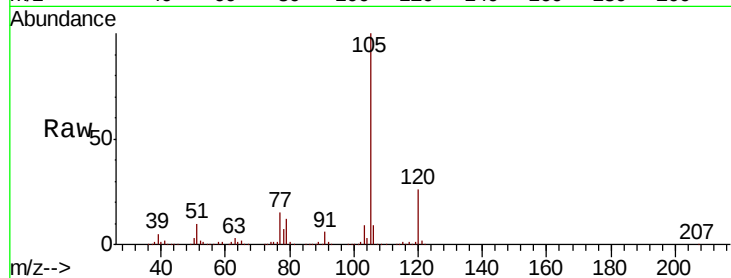
VSTDCCC050

Tot Ion:105 Resp: 538941

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.1



#74

N-ethyl acetate

Concen: 47.817 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

Tgt Ion: 43 Resp: 168182

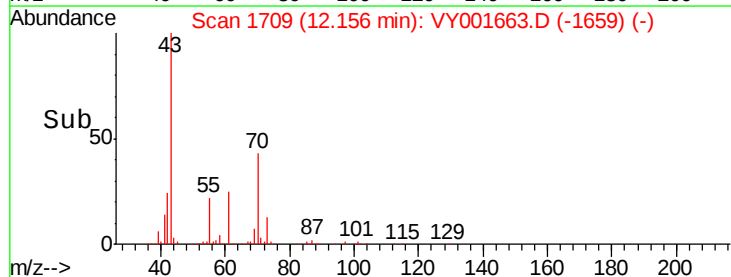
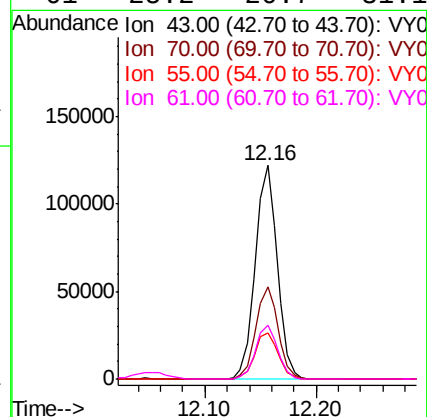
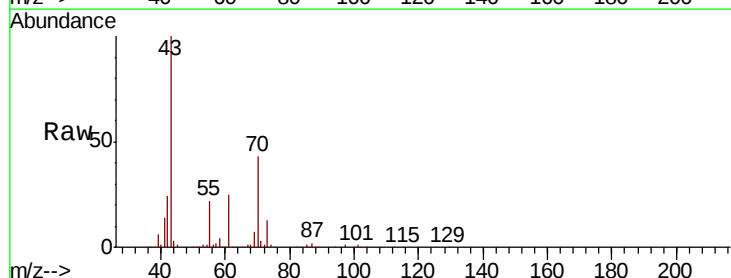
Ion Ratio Lower Upper

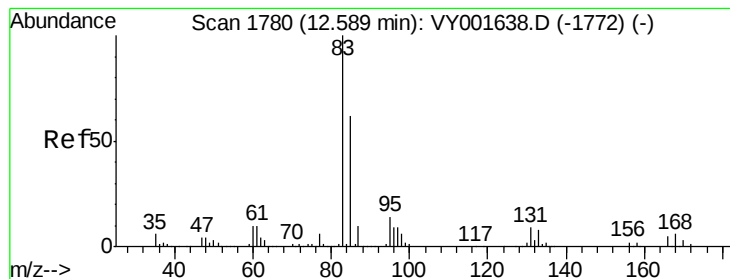
43 100

70 43.7 35.9 53.9

55 22.7 18.3 27.5

61 25.2 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 47.972 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

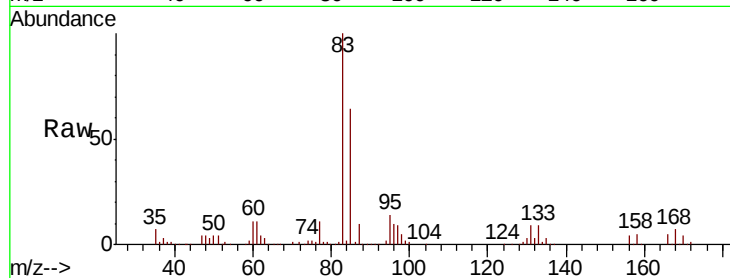
Tot Ion: 83 Resp: 112885

Ion Ratio Lower Upper

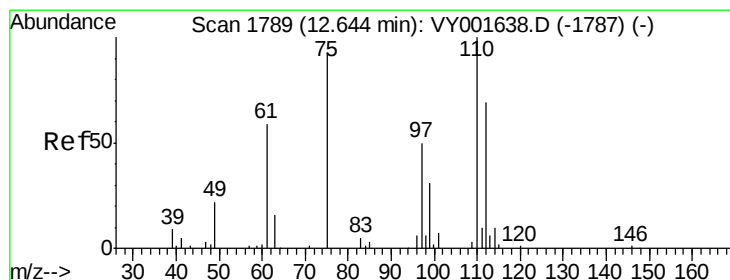
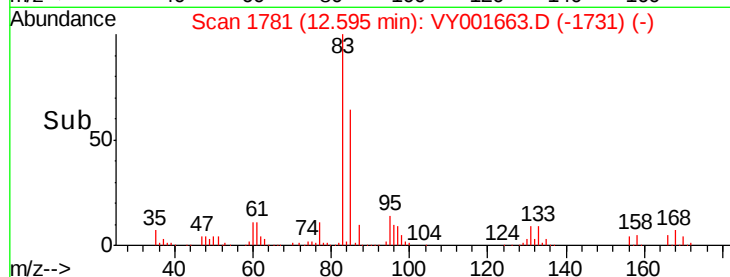
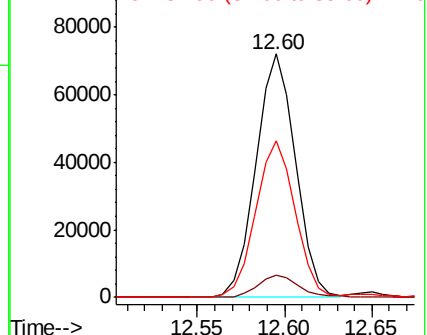
83 100

131 9.7 4.7 14.1

85 64.2 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 89.921 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VY001663.D

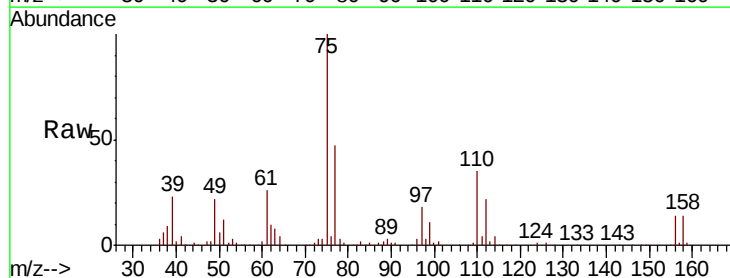
Acq: 18 Feb 2020 10:37

Tgt Ion: 75 Resp: 149222

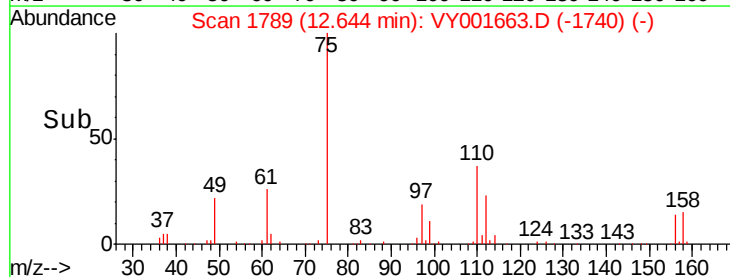
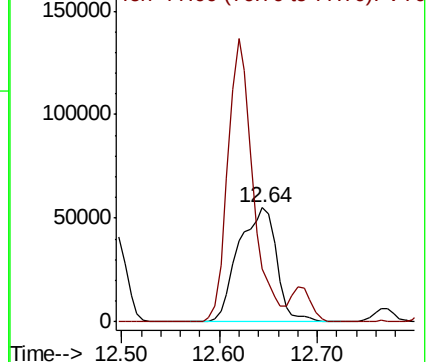
Ion Ratio Lower Upper

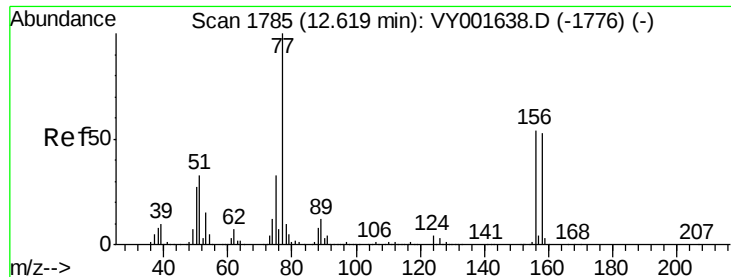
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 47.758 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

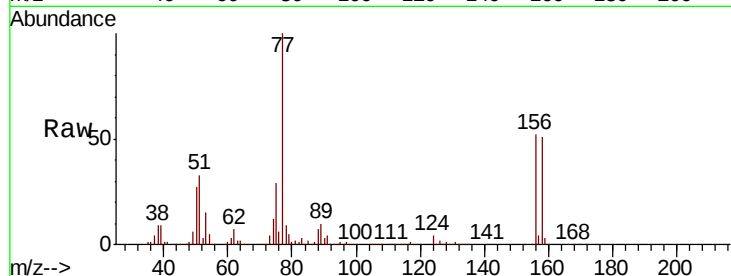
Tot Ion:156 Resp: 114098

Ion Ratio Lower Upper

156 100

77 215.4 110.1 330.1

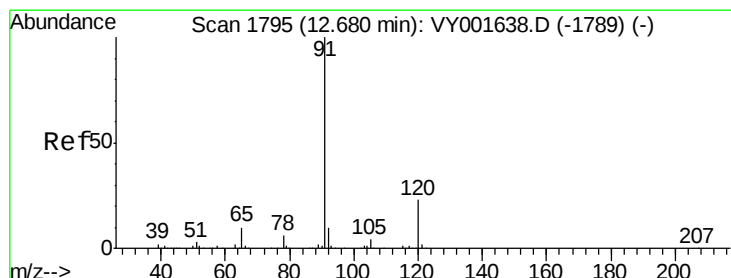
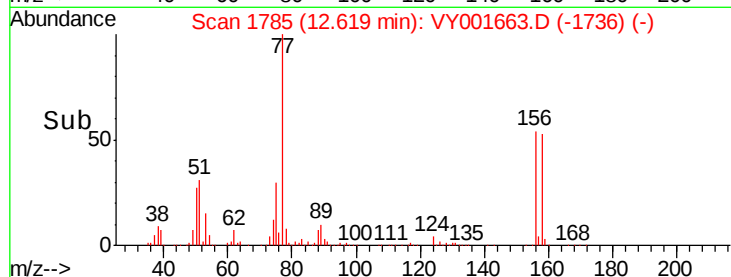
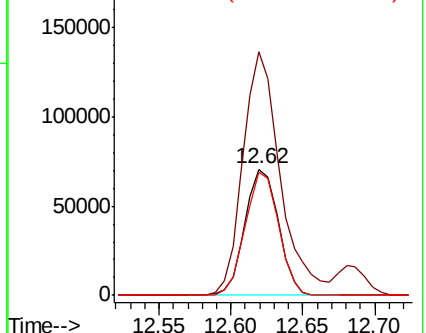
158 97.0 47.9 143.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.381 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VY001663.D

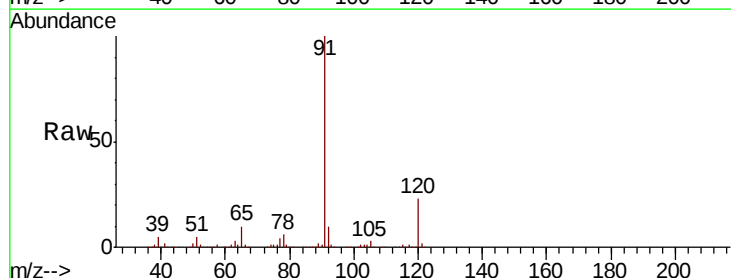
Acq: 18 Feb 2020 10:37

Tgt Ion: 91 Resp: 662805

Ion Ratio Lower Upper

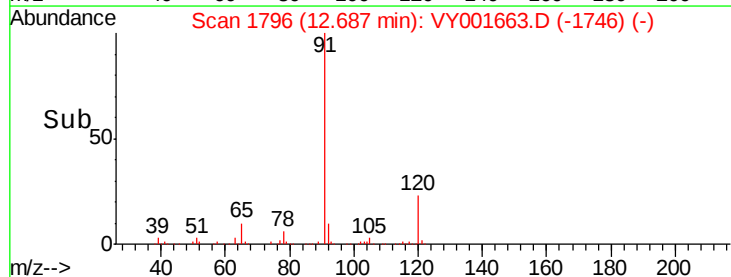
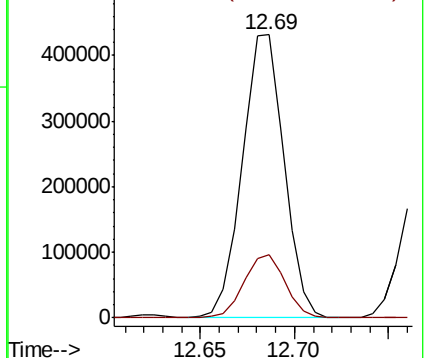
91 100

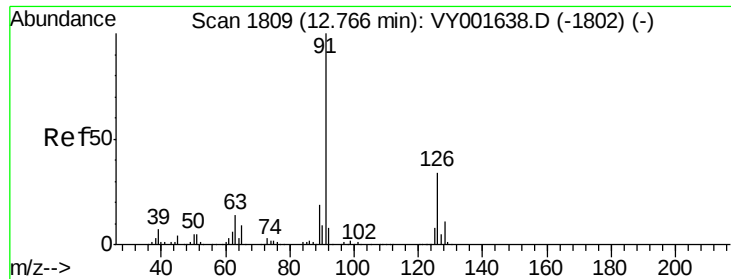
120 22.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

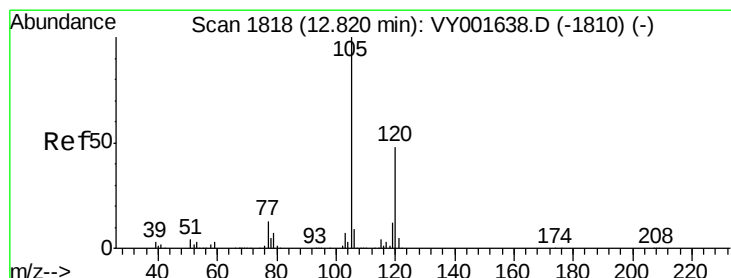
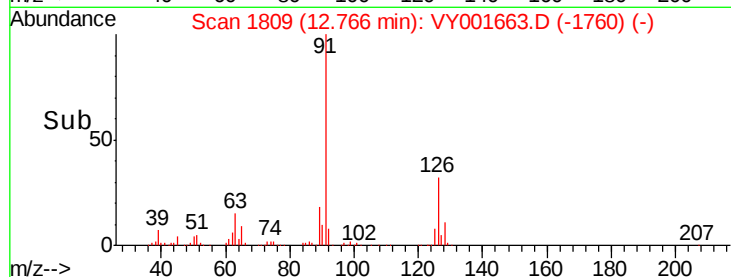
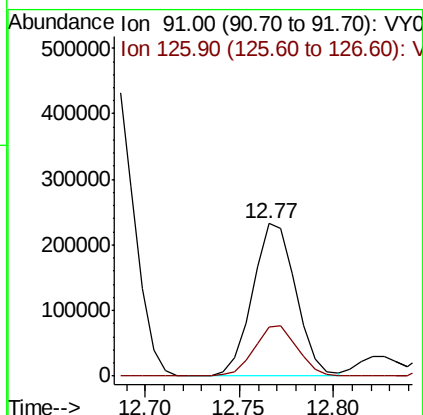
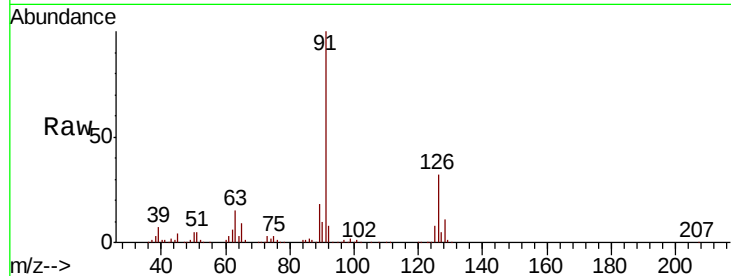




#79
 2-Chlorotoluene
 Concen: 48.978 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VY001663.D
 Acq: 18 Feb 2020 10:37

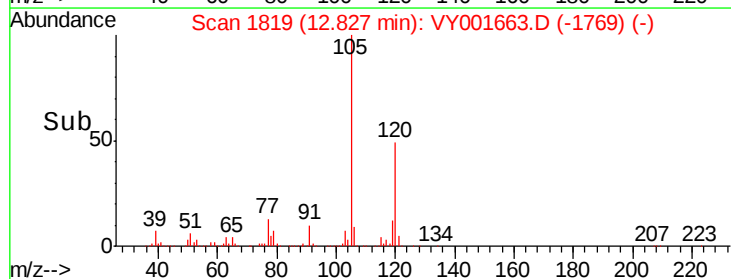
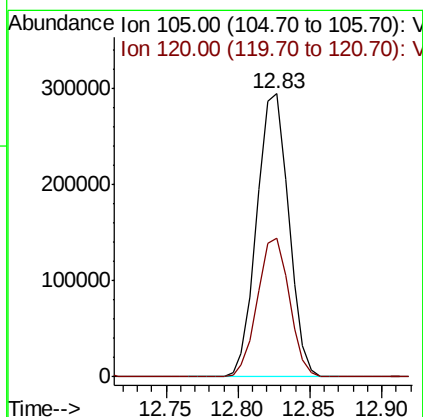
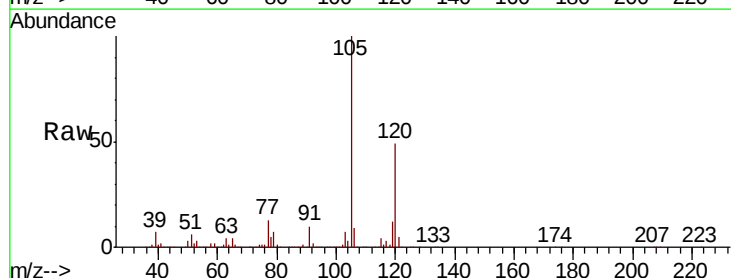
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

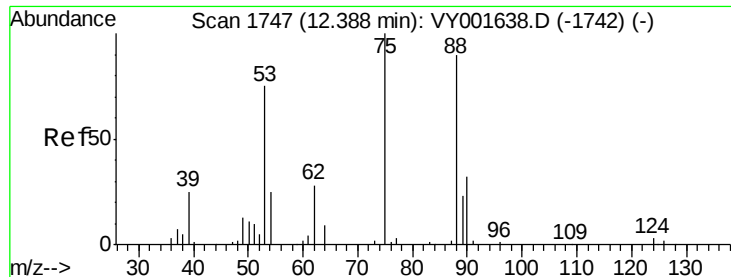
Tot Ion: 91 Resp: 368711
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.2 48.6



#80
 1,3,5-Trimethylbenzene
 Concen: 49.323 ug/l
 RT: 12.83 min Scan# 1819
 Delta R.T. 0.01 min
 Lab File: VY001663.D
 Acq: 18 Feb 2020 10:37

Tgt Ion: 105 Resp: 449966
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 48.546 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

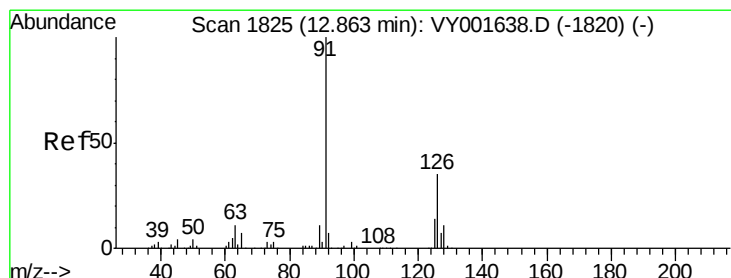
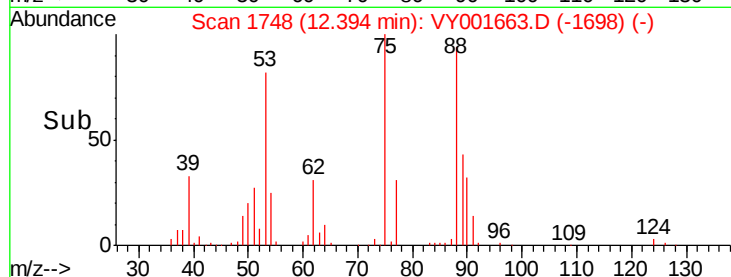
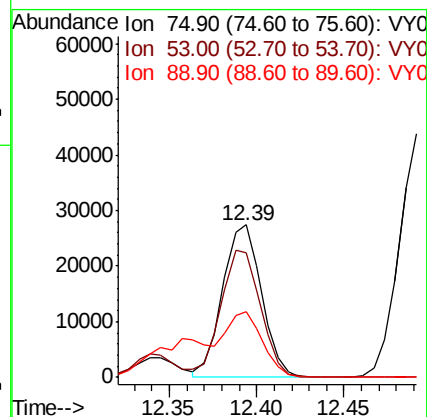
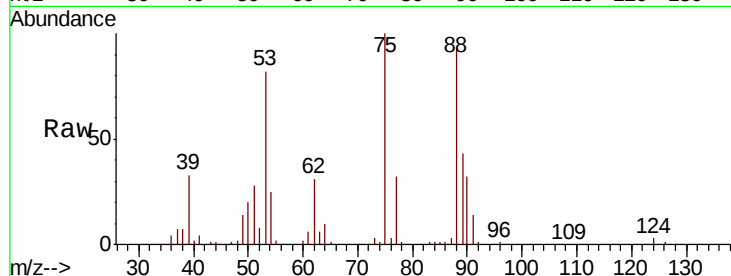
Tot Ion: 75 Resp: 42464

Ion Ratio Lower Upper

75 100

53 86.1 64.5 96.7

89 40.2 36.3 54.5



#82

4-Chlorotoluene

Concen: 48.533 ug/l

RT: 12.87 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VY001663.D

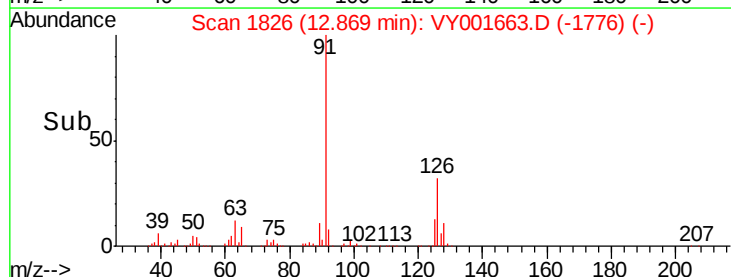
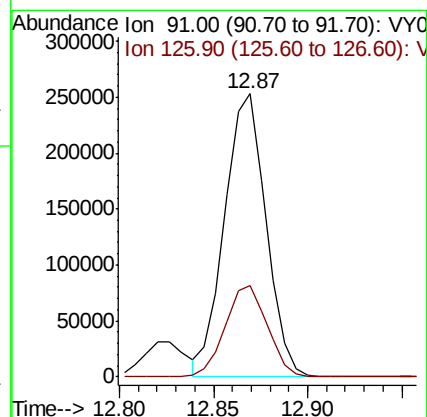
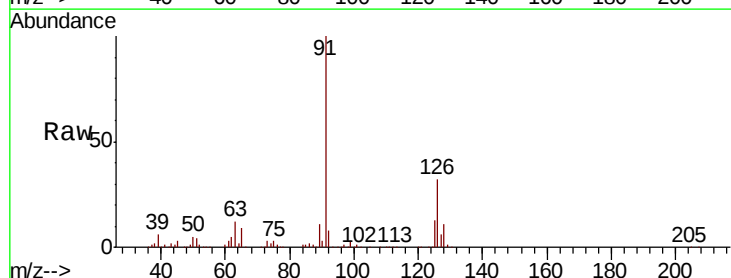
Acq: 18 Feb 2020 10:37

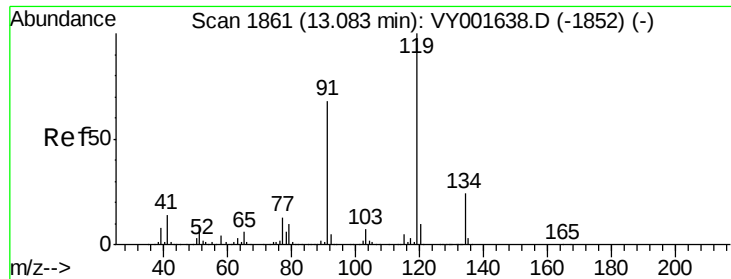
Tgt Ion: 91 Resp: 385342

Ion Ratio Lower Upper

91 100

126 33.0 16.2 48.6

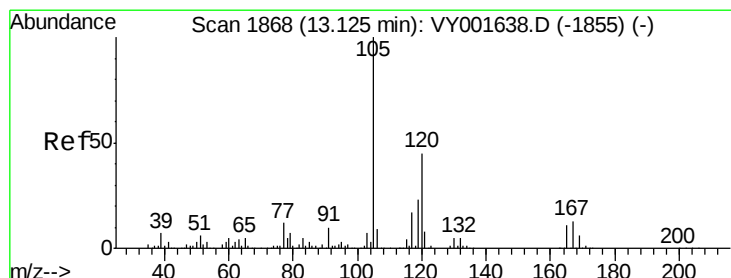
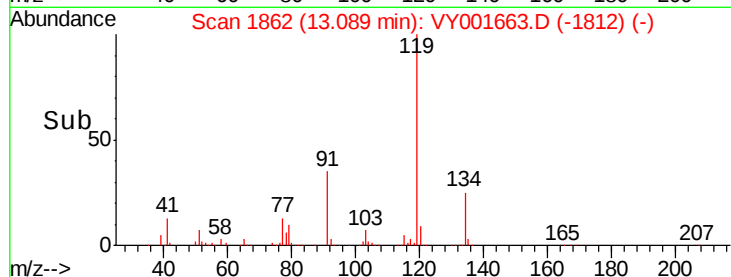
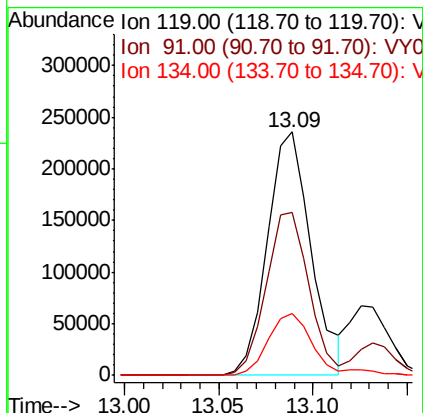
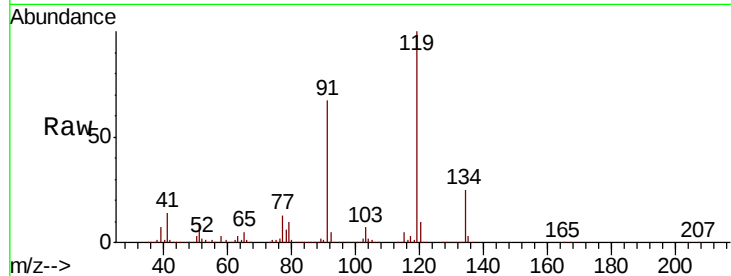




#83
tert-Butylbenzene
Concen: 49.608 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY001663.D
Acq: 18 Feb 2020 10:37

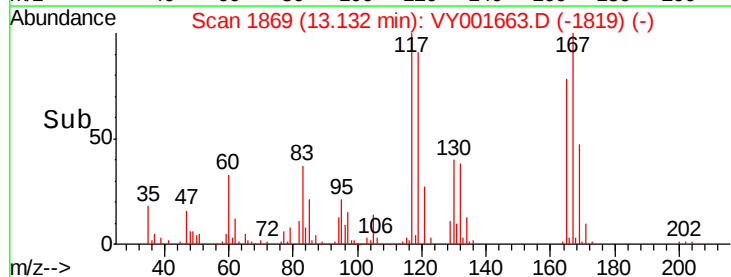
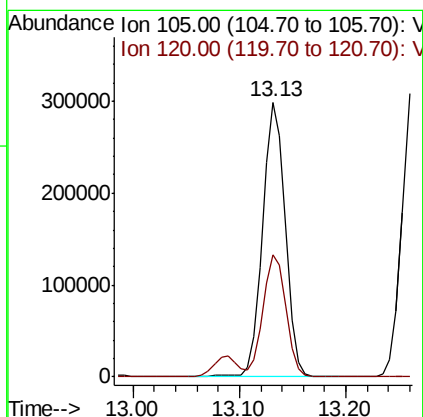
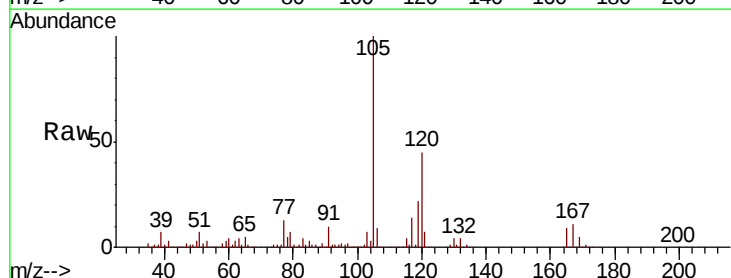
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

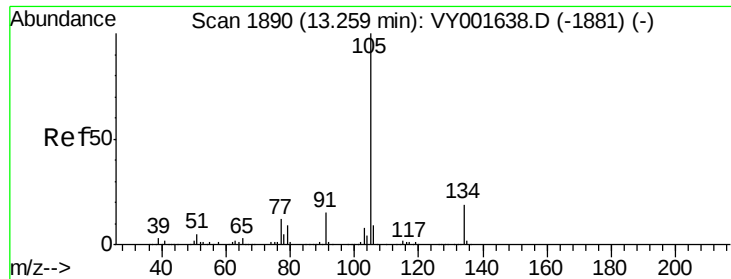
Tot Ion:119 Resp: 378505
Ion Ratio Lower Upper
119 100
91 65.7 33.5 100.5
134 26.8 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 49.089 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY001663.D
Acq: 18 Feb 2020 10:37

Tgt Ion:105 Resp: 446470
Ion Ratio Lower Upper
105 100
120 45.0 22.4 67.3





#85

sec-Butylbenzene

Concen: 49.270 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

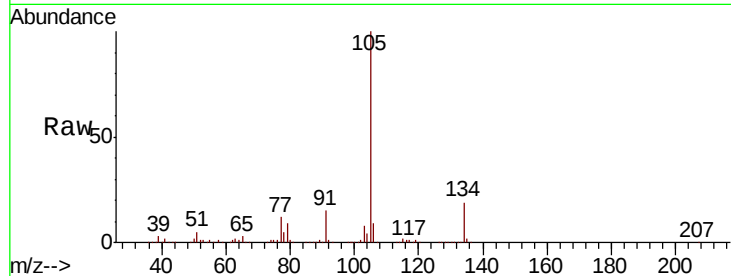
VSTDCCC050

Tot Ion:105 Resp: 552899

Ion Ratio Lower Upper

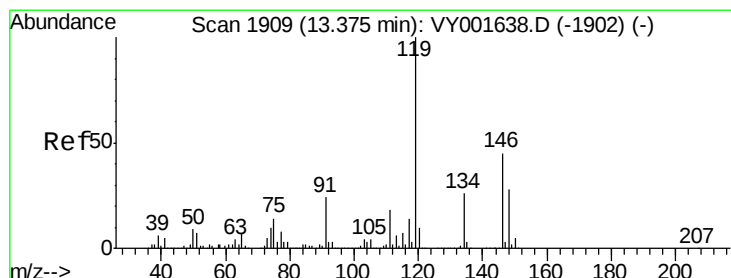
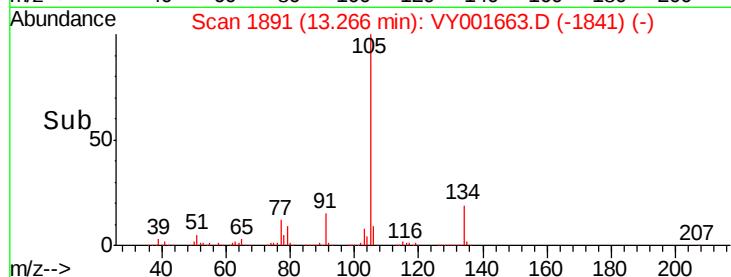
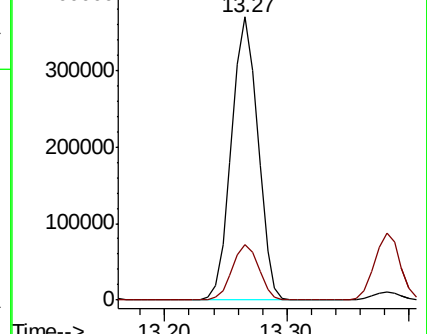
105 100

134 19.7 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.457 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

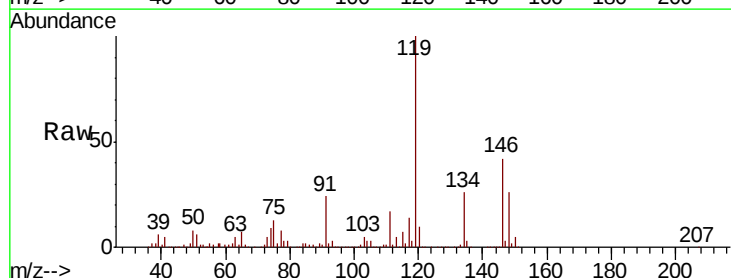
Tgt Ion:119 Resp: 482140

Ion Ratio Lower Upper

119 100

134 26.4 13.0 39.0

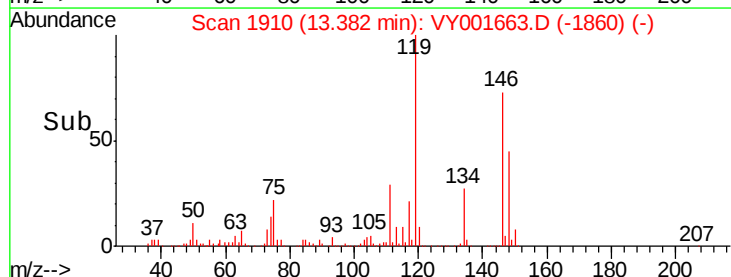
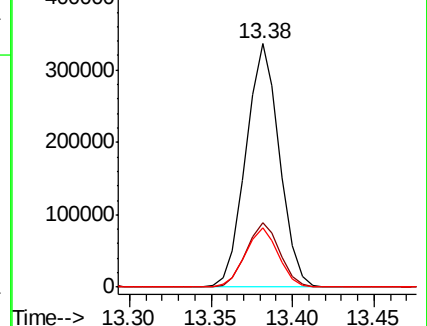
91 23.7 12.2 36.6

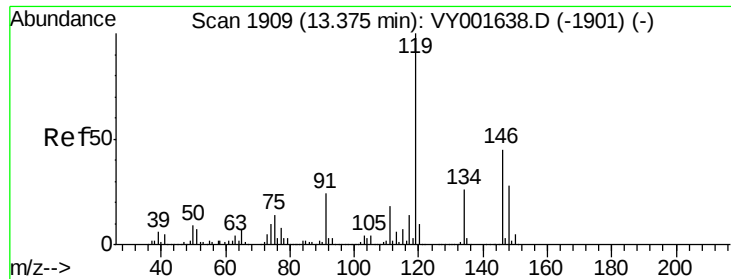


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 48.374 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

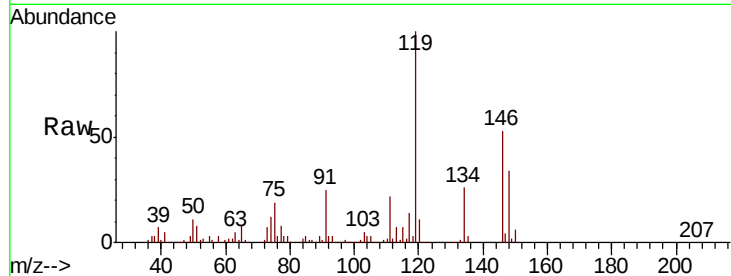
Tot Ion:146 Resp: 224135

Ion Ratio Lower Upper

146 100

111 41.4 21.4 64.3

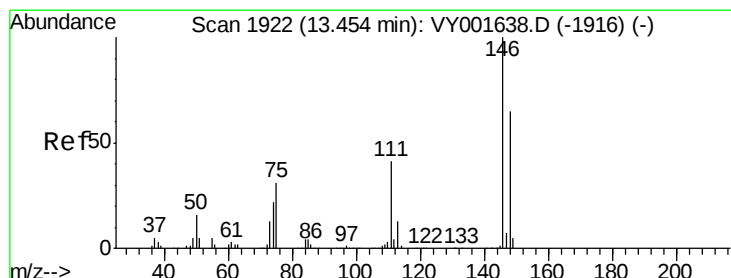
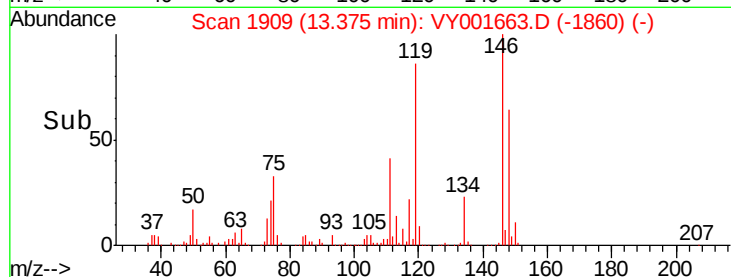
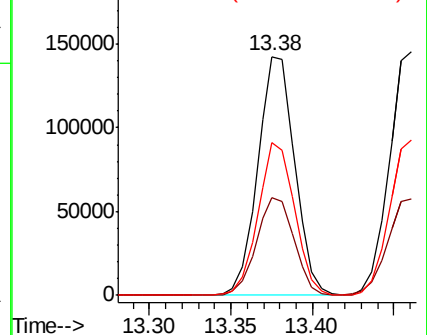
148 63.3 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.160 ug/l

RT: 13.46 min Scan# 1923

Delta R.T. 0.01 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

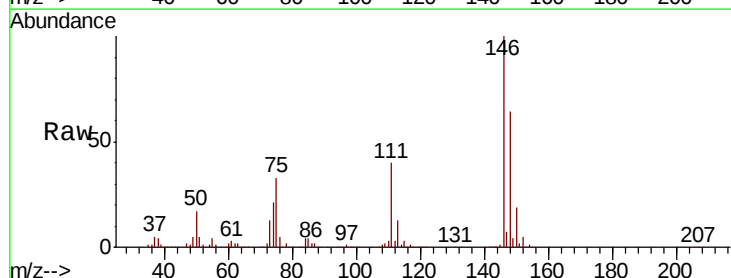
Tgt Ion:146 Resp: 225562

Ion Ratio Lower Upper

146 100

111 40.5 20.4 61.3

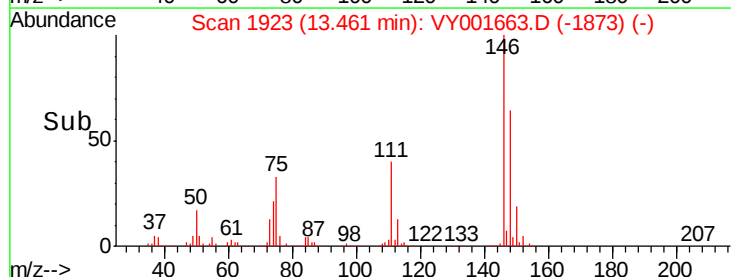
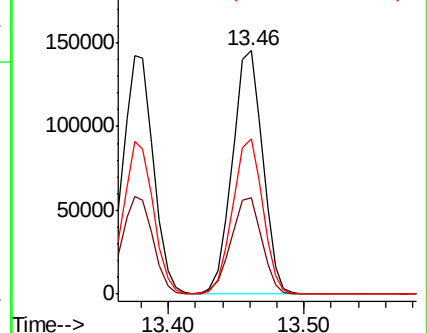
148 63.6 31.6 94.7

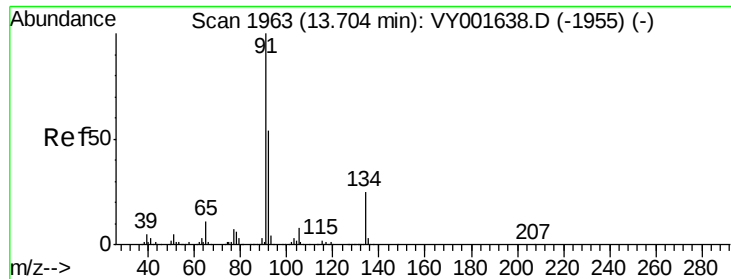


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

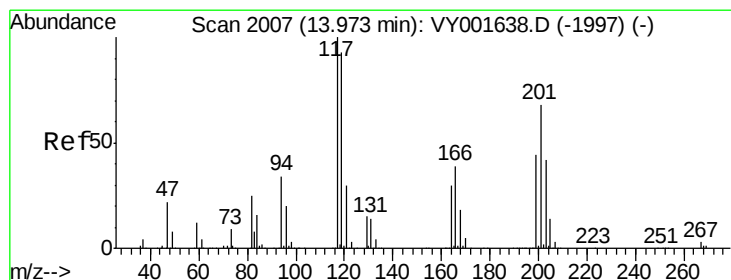
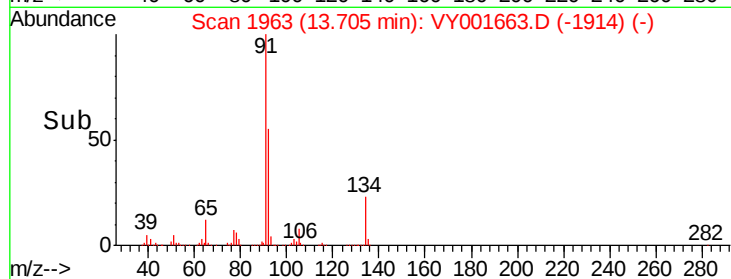
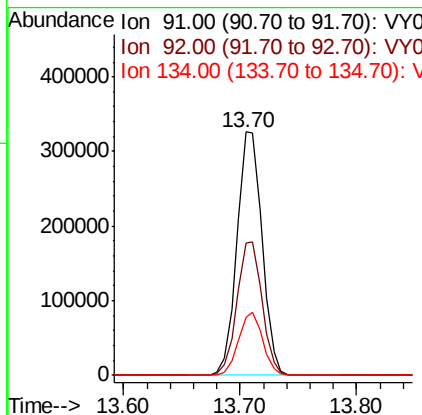
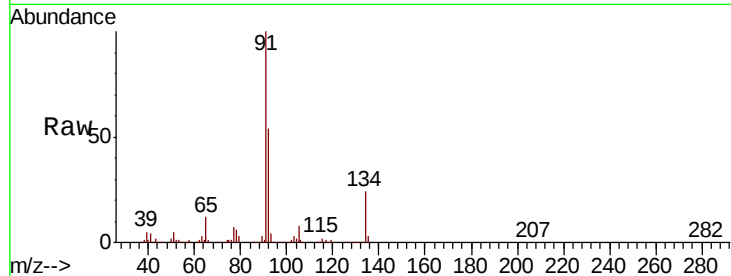




#89
n-Butylbenzene
Concen: 49.305 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001663.D
Acq: 18 Feb 2020 10:37

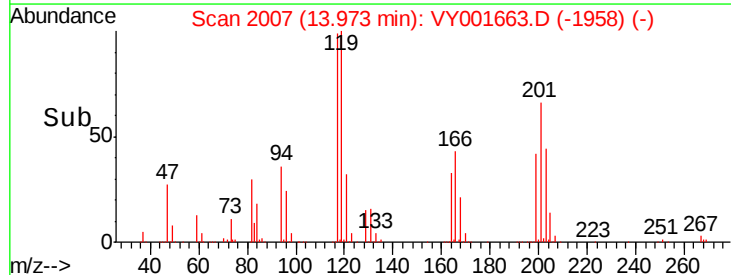
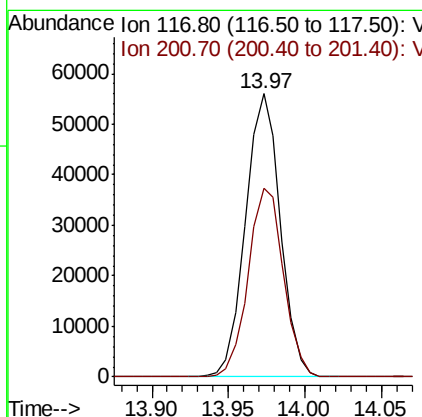
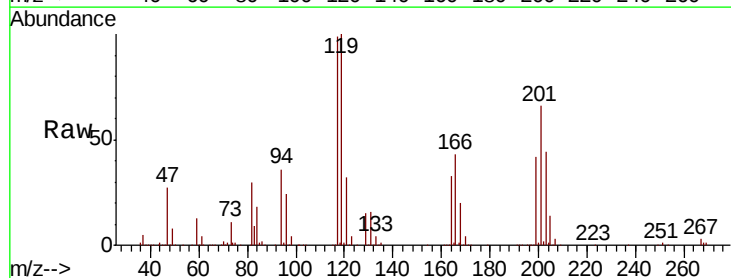
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

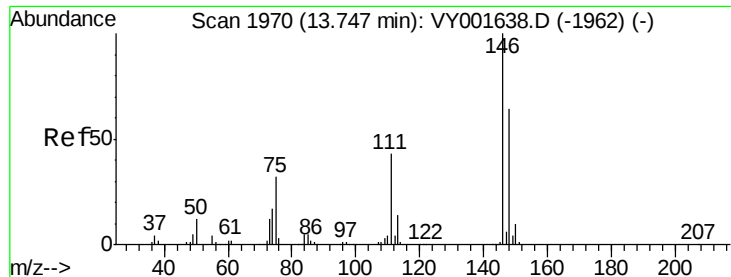
Tot Ion: 91 Resp: 491143
Ion Ratio Lower Upper
91 100
92 54.6 27.5 82.4
134 24.9 12.4 37.4



#90
Hexachloroethane
Concen: 48.080 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VY001663.D
Acq: 18 Feb 2020 10:37

Tgt Ion: 117 Resp: 88311
Ion Ratio Lower Upper
117 100
201 67.9 32.5 97.4





#91

1,2-Dichlorobenzene

Concen: 48.311 ug/l

RT: 13.75 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

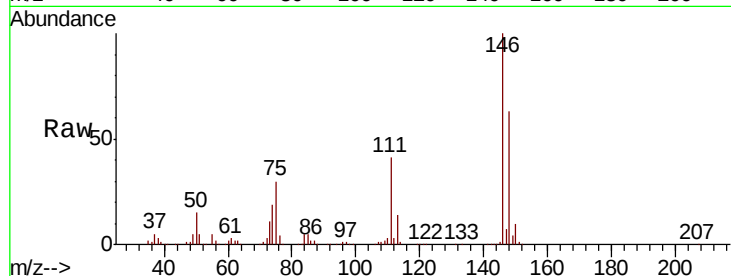
Tot Ion:146 Resp: 206577

Ion Ratio Lower Upper

146 100

111 42.0 21.9 65.7

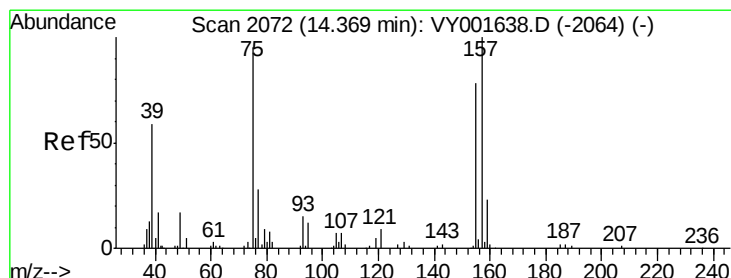
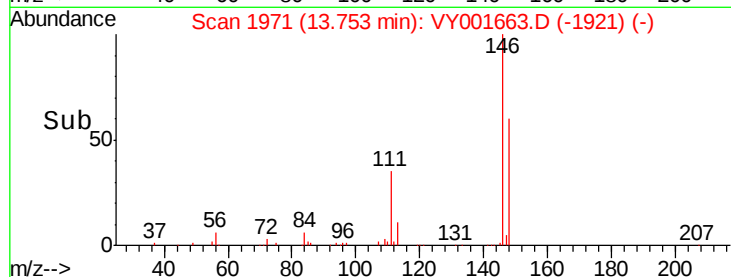
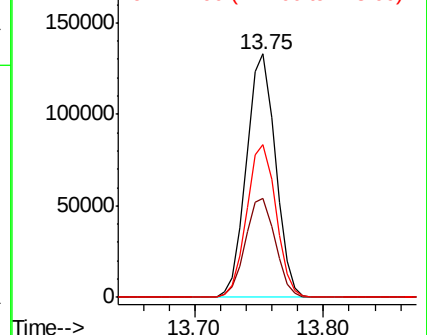
148 63.2 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.496 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VY001663.D

Acq: 18 Feb 2020 10:37

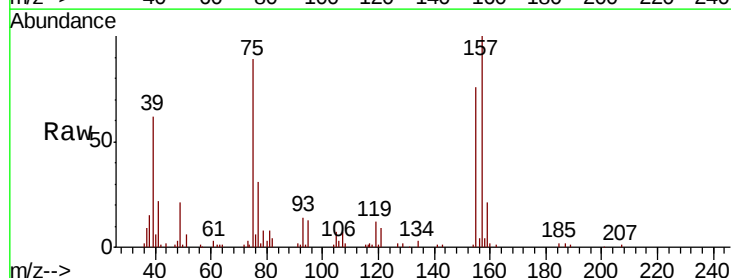
Tgt Ion: 75 Resp: 18057

Ion Ratio Lower Upper

75 100

155 81.3 40.8 122.4

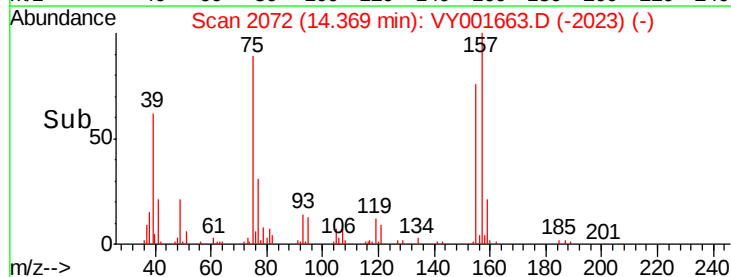
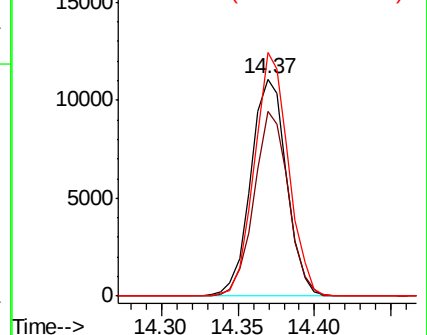
157 106.3 52.1 156.4

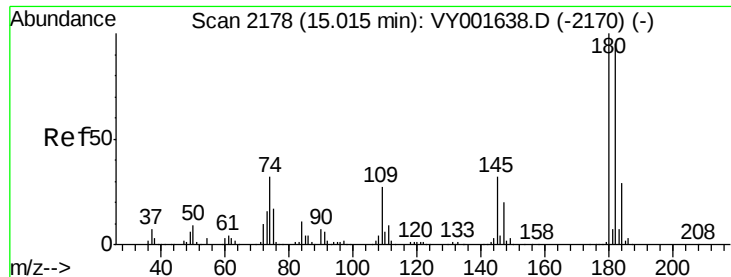


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

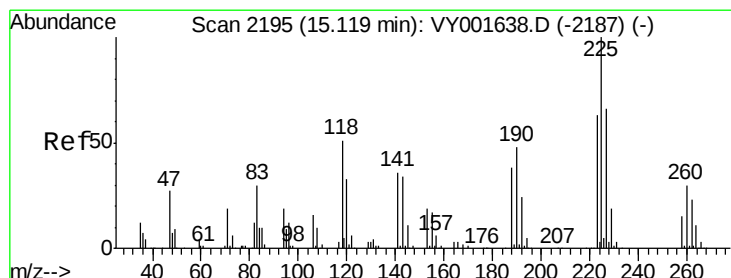
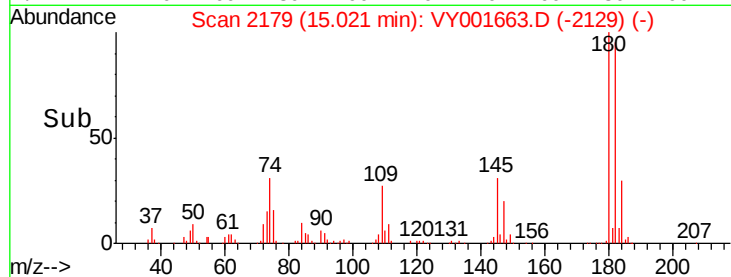
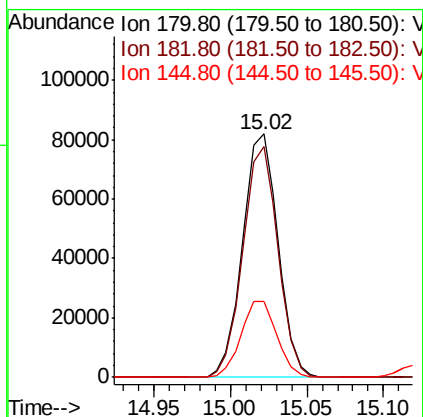
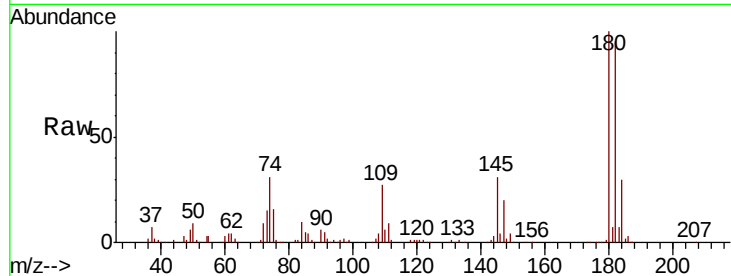




#93
 1,2,4-Trichlorobenzene
 Concen: 46.708 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY001663.D
 Acq: 18 Feb 2020 10:37

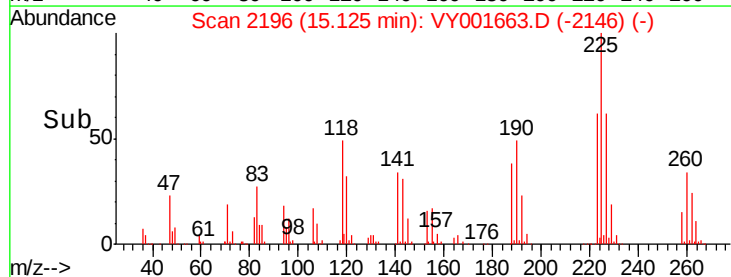
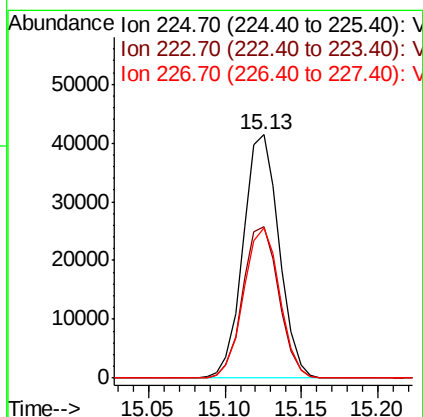
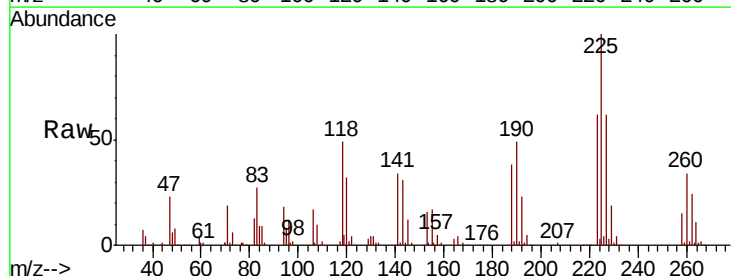
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

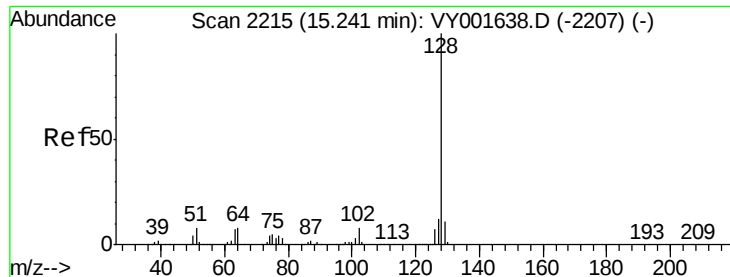
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	46.8	140.3
145	31.6	16.2	48.5



#94
 Hexachlorobutadiene
 Concen: 47.878 ug/l
 RT: 15.13 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY001663.D
 Acq: 18 Feb 2020 10:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.4	94.0
227	62.2	31.6	94.8

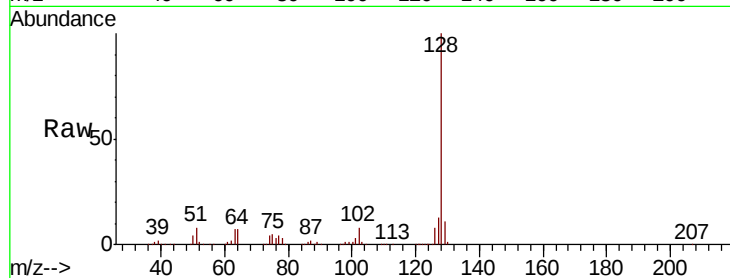




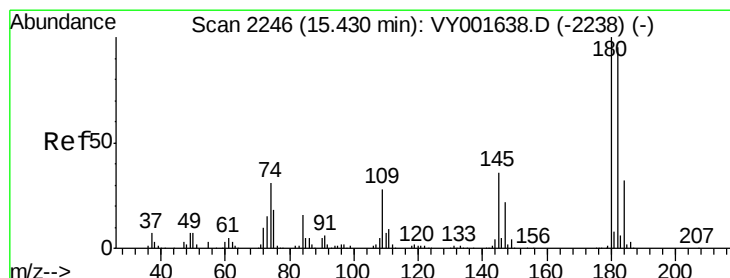
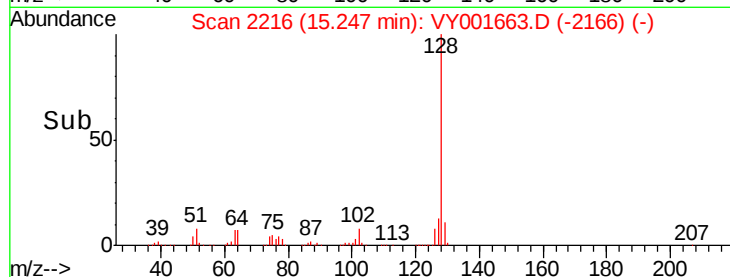
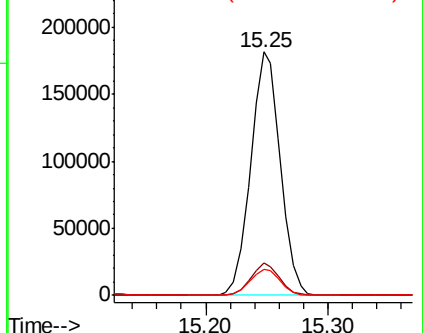
#95
Naphthalene
Concen: 46.554 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY001663.D
Acq: 18 Feb 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 304161
Ion Ratio Lower Upper
128 100
127 12.8 9.9 14.9
129 10.9 8.6 13.0

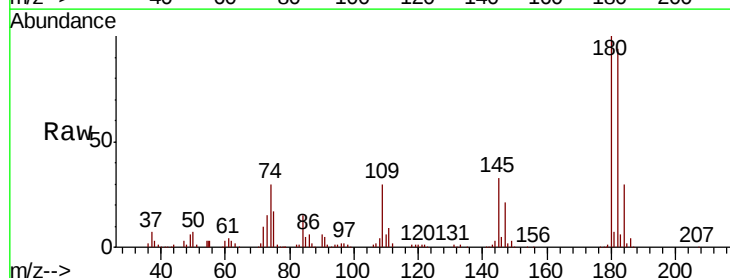


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 46.623 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY001663.D
Acq: 18 Feb 2020 10:37

Tgt Ion:180 Resp: 116226
Ion Ratio Lower Upper
180 100
182 95.1 47.2 141.6
145 33.8 17.3 52.0



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

