

Data File : VY002452.D
Acq On : 21 Apr 2020 22:21
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 22 02:40:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 20 15:14:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	262233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	420281	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	379863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	180957	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	93606	49.08	ug/l	0.01
Spiked Amount	50.000		Recovery	=	98.16%	
35) Dibromofluoromethane	7.74	113	108446	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
50) Toluene-d8	10.19	98	421054	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
62) 4-Bromofluorobenzene	12.49	95	136590	46.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	95347	53.219	ug/l	98
3) Chloromethane	2.13	50	115732	52.910	ug/l	98
4) Vinyl Chloride	2.26	62	123775	52.526	ug/l	98
5) Bromomethane	2.66	94	66958	43.818	ug/l	95
6) Chloroethane	2.81	64	62793	45.135	ug/l	99
7) Trichlorofluoromethane	3.15	101	176959	48.249	ug/l	96
8) Diethyl Ether	3.55	74	76277	52.695	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	118551	49.416	ug/l	99
10) Methyl Iodide	4.11	142	165873	51.275	ug/l	99
11) Tert butyl alcohol	4.99	59	46334	203.274	ug/l	98
12) 1,1-Dichloroethene	3.90	96	125759	50.504	ug/l	97
13) Acrolein	3.76	56	59463	265.451	ug/l	99
14) Allyl chloride	4.50	41	155610	50.812	ug/l	99
15) Acrylonitrile	5.20	53	164395	253.397	ug/l	99
16) Acetone	3.97	43	106115	208.200	ug/l	100
17) Carbon Disulfide	4.22	76	390336	51.447	ug/l	97
18) Methyl Acetate	4.50	43	71505	49.083	ug/l	98
19) Methyl tert-butyl Ether	5.25	73	304151	52.008	ug/l	98
20) Methylene Chloride	4.75	84	145148	50.893	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	138918	51.552	ug/l	98
22) Diisopropyl ether	6.15	45	309645	50.430	ug/l	98
23) Vinyl Acetate	6.09	43	987034	255.209	ug/l	99
24) 1,1-Dichloroethane	6.05	63	201528	51.755	ug/l	99
25) 2-Butanone	7.01	43	168220	231.545	ug/l	99
26) 2,2-Dichloropropane	7.01	77	155797	45.706	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	153352	52.474	ug/l	99
28) Bromochloromethane	7.36	49	71361	48.096	ug/l	97
29) Tetrahydrofuran	7.38	42	111887	240.121	ug/l	98
30) Chloroform	7.53	83	209046	52.021	ug/l	96
31) Cyclohexane	7.81	56	183566	46.511	ug/l	96
32) 1,1,1-Trichloroethane	7.73	97	179197	50.491	ug/l	98
36) 1,1-Dichloropropene	7.94	75	159331	47.115	ug/l	99
37) Ethyl Acetate	7.10	43	74303	46.986	ug/l	99
38) Carbon Tetrachloride	7.92	117	162334	47.657	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	218040	46.699	ug/l	98
40) Benzene	8.18	78	521525	50.107	ug/l	99
41) Methacrylonitrile	7.37	41	101764	120.830	ug/l #	1
42) 1,2-Dichloroethane	8.26	62	122052	49.772	ug/l	100
43) Isopropyl Acetate	8.30	43	140948	47.531	ug/l	100
44) Trichloroethene	8.96	130	174914	50.265	ug/l	93
45) 1,2-Dichloropropane	9.24	63	118827	49.981	ug/l	100
46) Dibromomethane	9.32	93	69328	49.964	ug/l	100
47) Bromodichloromethane	9.52	83	159356	50.621	ug/l	96
48) Methyl methacrylate	9.31	41	61258	46.264	ug/l	93
49) 1,4-Dioxane	9.31	88	18180	888.725	ug/l	93
51) 4-Methyl-2-Pentanone	10.09	43	371572	241.251	ug/l	99
52) Toluene	10.26	92	324815	49.310	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	162975	48.405	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	198196	49.493	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	103763	49.858	ug/l	97
56) Ethyl methacrylate	10.52	69	133081	49.646	ug/l	98
57) 1,3-Dichloropropane	10.81	76	169140	49.645	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	315439	237.552	ug/l	99
59) 2-Hexanone	10.85	43	249478	228.225	ug/l	100
60) Dibromochloromethane	11.00	129	125268	49.974	ug/l	99
61) 1,2-Dibromoethane	11.10	107	99880	49.190	ug/l	99
64) Tetrachloroethene	10.74	164	198178	48.901	ug/l	98
65) Chlorobenzene	11.53	112	356851	48.970	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	127721	49.680	ug/l	98
67) Ethyl Benzene	11.61	91	605401	48.034	ug/l	97
68) m/p-Xylenes	11.72	106	472465	97.002	ug/l	99
69) o-Xylene	12.04	106	225050	49.043	ug/l	99
70) Styrene	12.06	104	387761	49.361	ug/l	99
71) Bromoform	12.22	173	76539	48.652	ug/l #	98
73) Isopropylbenzene	12.34	105	585486	49.300	ug/l	100
74) N-amyl acetate	12.16	43	124357	47.904	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	67481	46.154	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	139199	87.316	ug/l #	100
77) Bromobenzene	12.62	156	151670	50.693	ug/l	98
78) n-propylbenzene	12.68	91	678530	48.369	ug/l	100
79) 2-Chlorotoluene	12.77	91	379671	49.570	ug/l	100
80) 1,3,5-Trimethylbenzene	12.83	105	484872	49.516	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	38586	47.172	ug/l	99
82) 4-Chlorotoluene	12.87	91	388950	48.315	ug/l #	100
83) tert-Butylbenzene	13.09	119	415573	48.884	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	482353	49.171	ug/l	99
85) sec-Butylbenzene	13.27	105	583880	48.270	ug/l	99
86) p-Isopropyltoluene	13.38	119	530071	48.316	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	273532	49.149	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	274135	48.666	ug/l	100
89) n-Butylbenzene	13.70	91	486099	47.524	ug/l	99
90) Hexachloroethane	13.97	117	101090	49.148	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	251720	49.411	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	15177	45.475	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY042120\
Quantitation Report (Not Reviewed)

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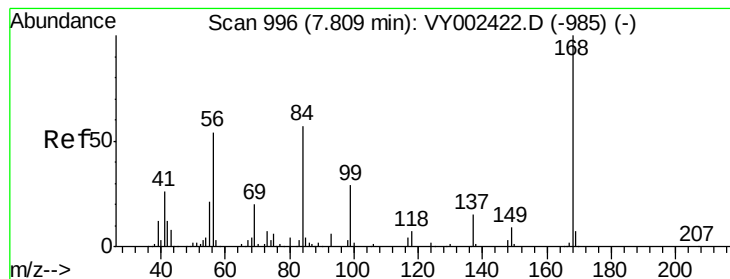
Quant Time: Apr 22 02:40:50 2020
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Quant Title : SW846 8260
QLast Update : Mon Apr 20 15:14:11 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	163046	44.679	ug/l	100
94) Hexachlorobutadiene	15.12	225	91207	45.576	ug/l	99
95) Naphthalene	15.25	128	337270	47.677	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	146332	46.193	ug/l	99

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

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

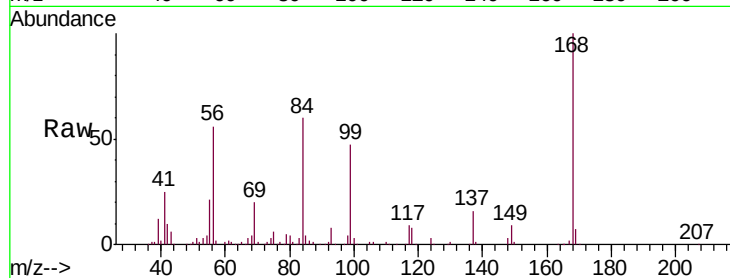
VSTDCCC050EC

Tgt Ion:168 Resp: 262233

Ion Ratio Lower Upper

168 100

99 47.3 37.0 55.4



Abundance Ion 167.90 (167.60 to 168.60): VY002422.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002422.D (-985) (-)

7.82

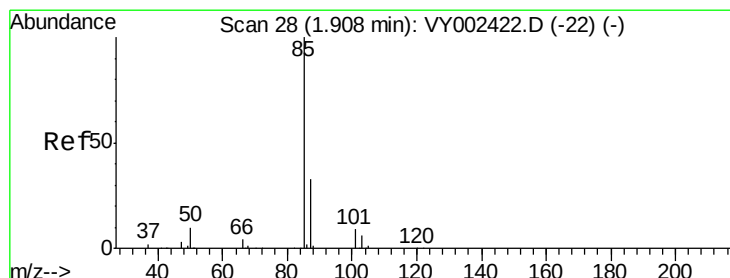
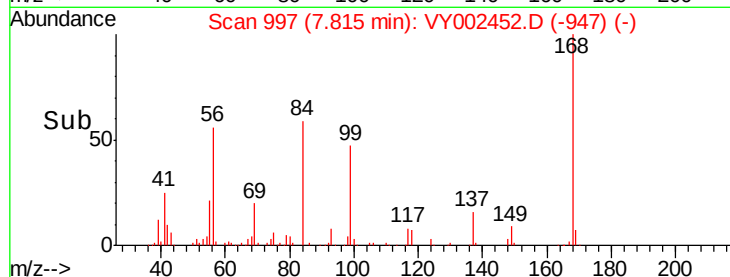
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 53.219 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002452.D

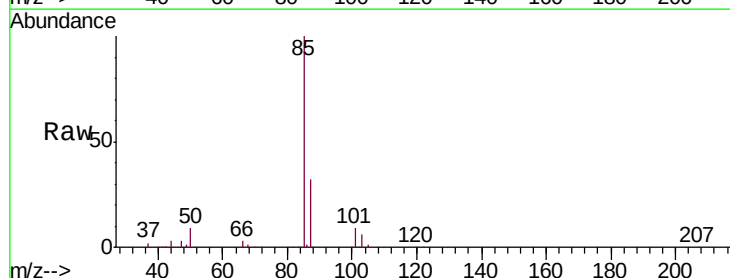
Acq: 21 Apr 2020 22:21

Tgt Ion: 85 Resp: 95347

Ion Ratio Lower Upper

85 100

87 31.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VY002422.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002422.D (-22) (-)

1.91

60000

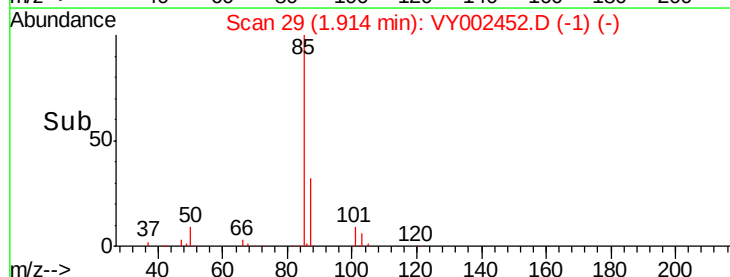
40000

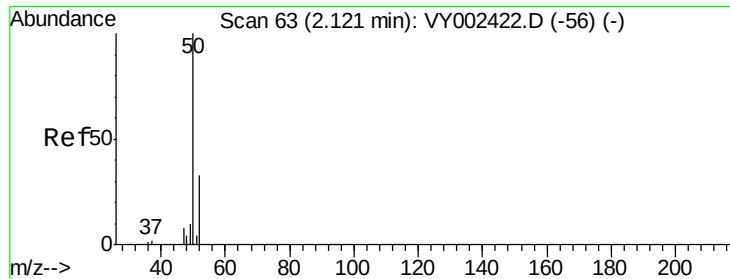
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 52.910 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

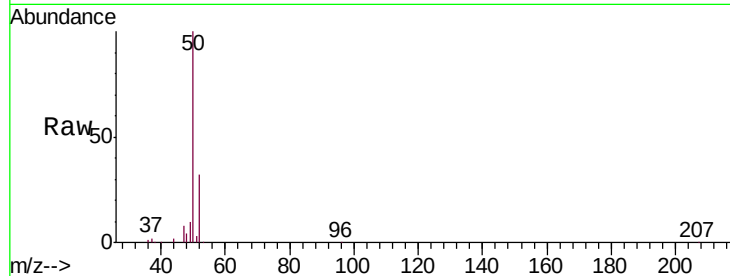
VSTDCCC050EC

Tgt Ion: 50 Resp: 115732

Ion Ratio Lower Upper

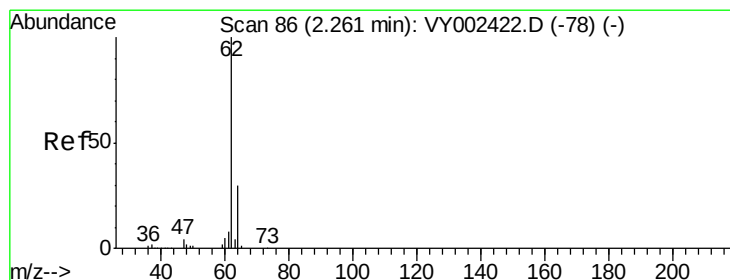
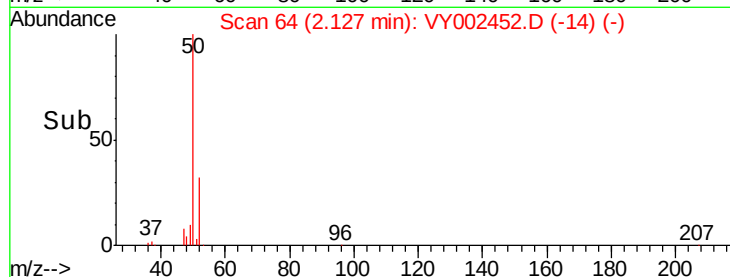
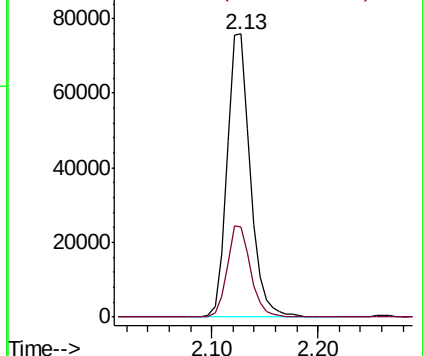
50 100

52 32.0 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 52.526 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002452.D

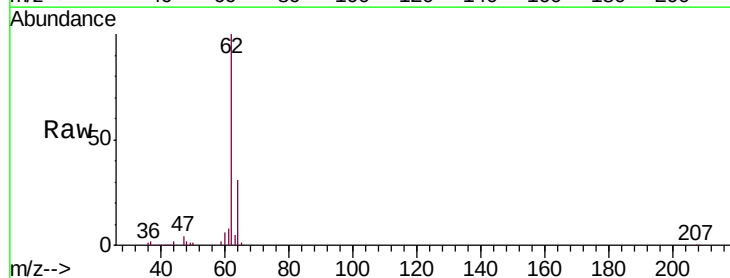
Acq: 21 Apr 2020 22:21

Tgt Ion: 62 Resp: 123775

Ion Ratio Lower Upper

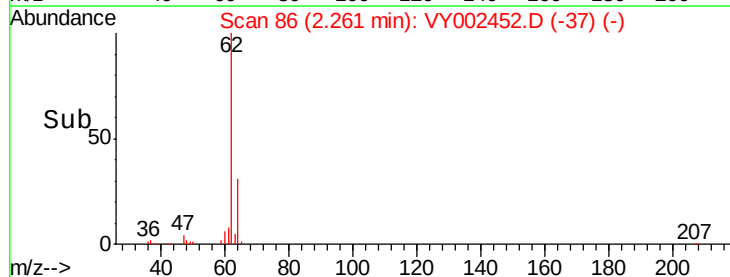
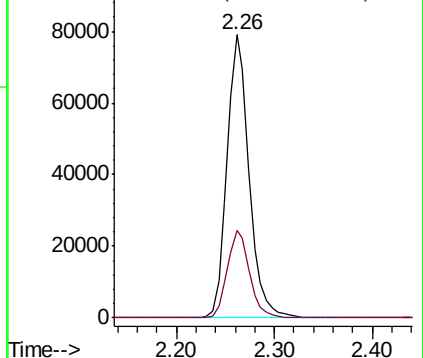
62 100

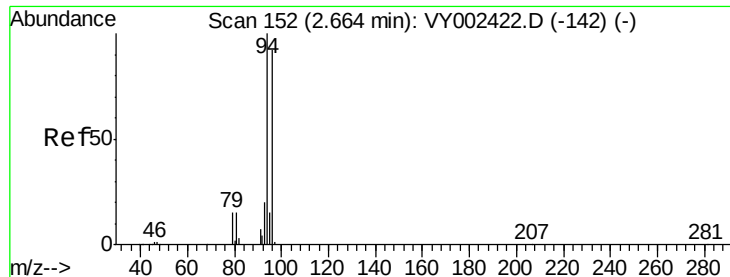
64 31.1 24.1 36.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 43.818 ug/l

RT: 2.66 min Scan# 152

Delta R.T. -0.00 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

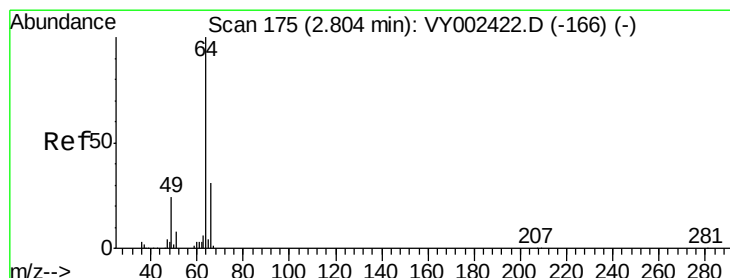
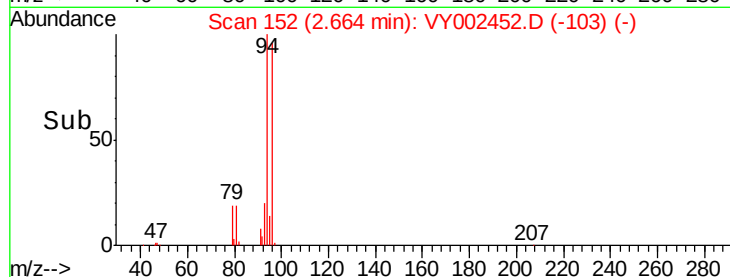
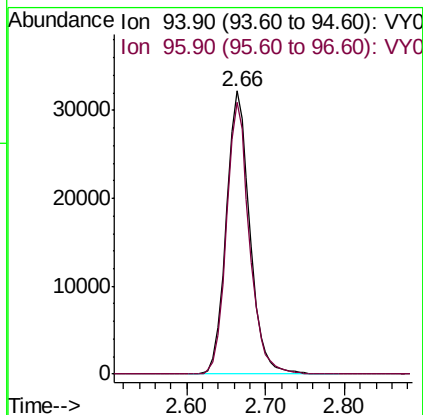
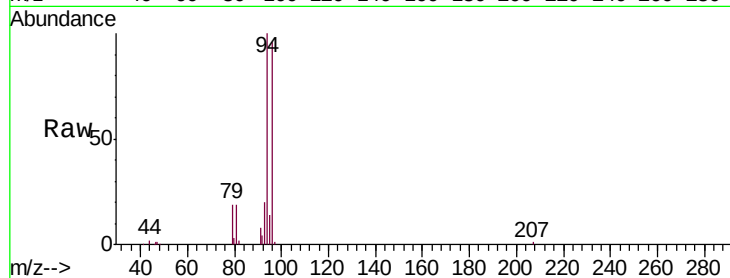
VSTDCCC050EC

Tgt Ion: 94 Resp: 66958

Ion Ratio Lower Upper

94 100

96 96.2 73.5 110.3



#6

Chloroethane

Concen: 45.135 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY002452.D

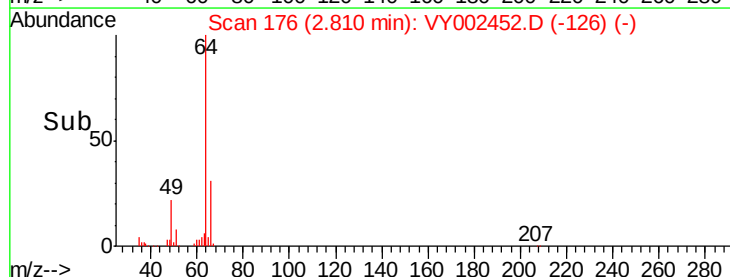
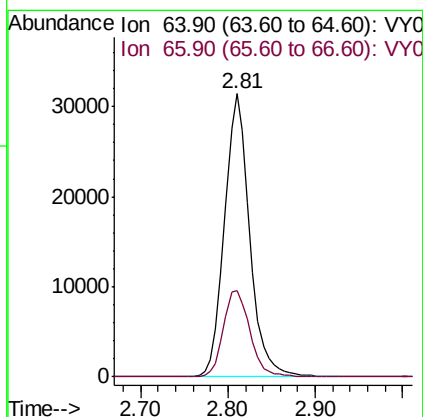
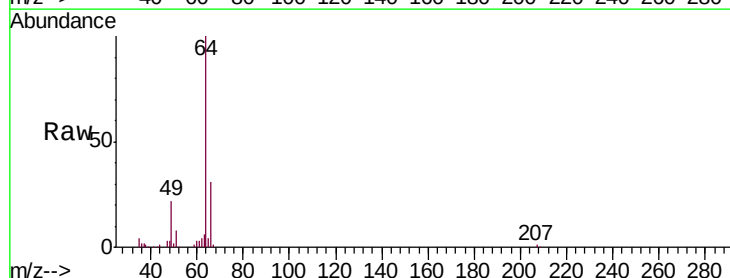
Acq: 21 Apr 2020 22:21

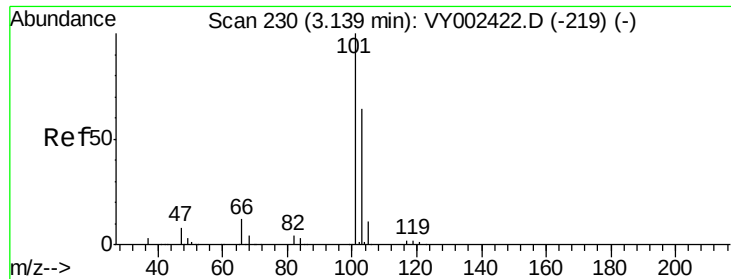
Tgt Ion: 64 Resp: 62793

Ion Ratio Lower Upper

64 100

66 30.7 25.0 37.6



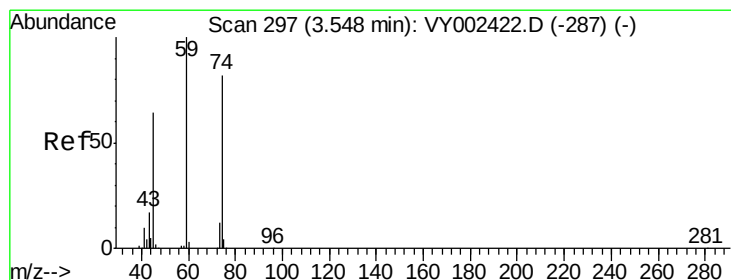
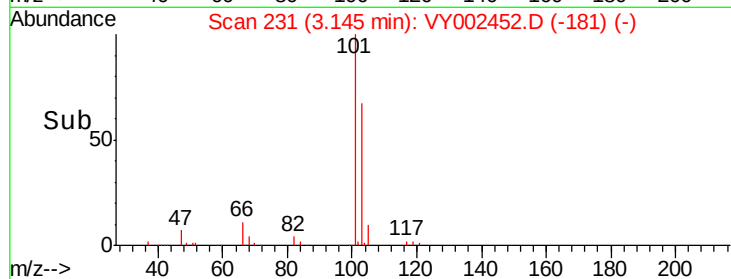
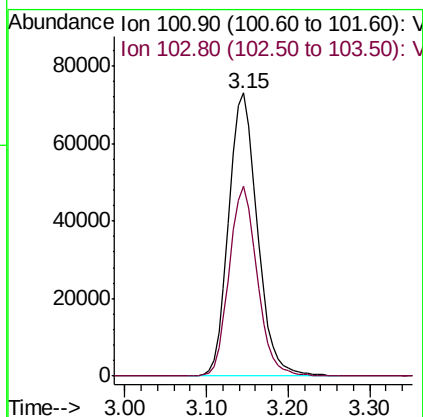
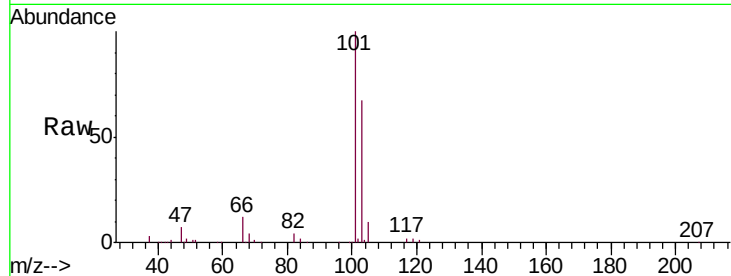


#7

Trichlorofluoromethane
 Concen: 48.249 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. 0.01 min
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 VSTDCCC050EC

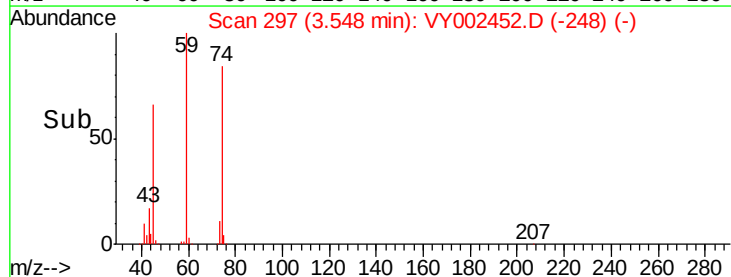
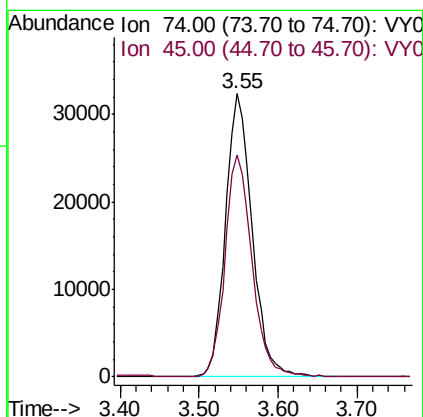
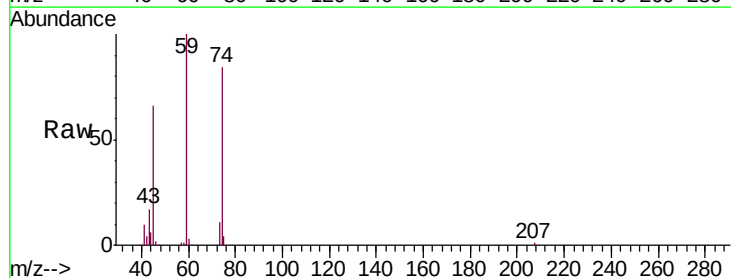
Tgt Ion:101 Resp: 176959
 Ion Ratio Lower Upper
 101 100
 103 66.9 50.8 76.2

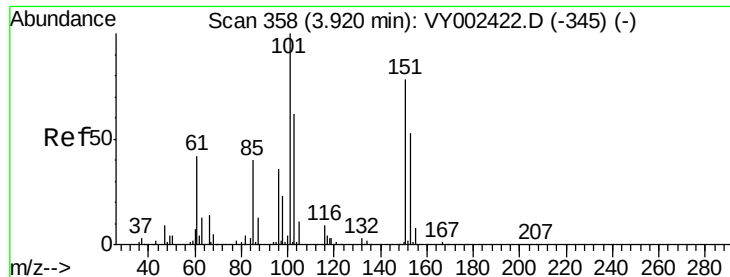


#8

Diethyl Ether
 Concen: 52.695 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.00 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Tgt Ion: 74 Resp: 76277
 Ion Ratio Lower Upper
 74 100
 45 79.7 39.5 118.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.416 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.01 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

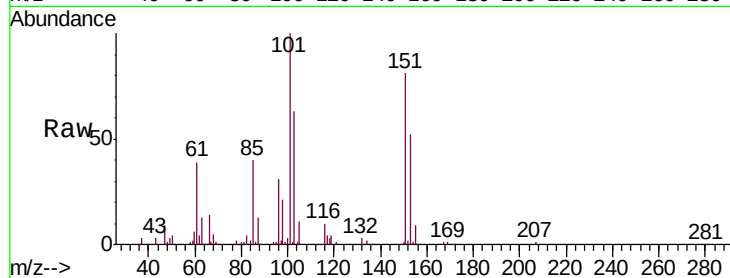
Tgt Ion:101 Resp: 118551

Ion Ratio Lower Upper

101 100

85 40.9 32.2 48.4

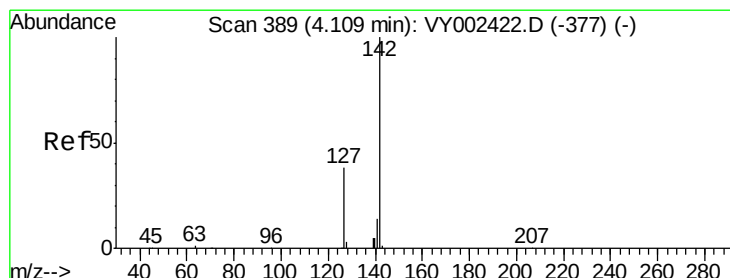
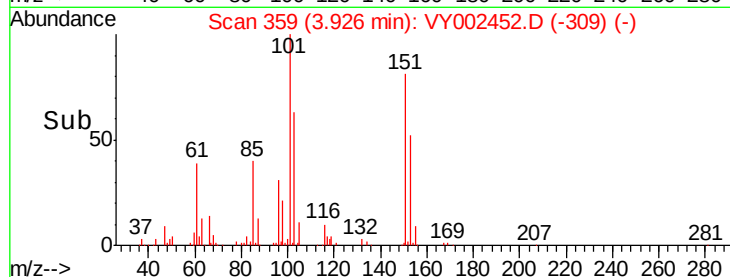
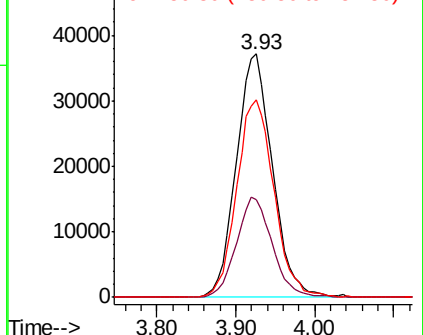
151 83.8 67.3 100.9



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: 51.275 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.01 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

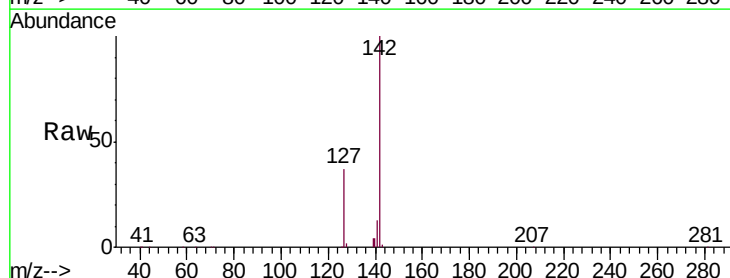
Tgt Ion:142 Resp: 165873

Ion Ratio Lower Upper

142 100

127 37.3 30.7 46.1

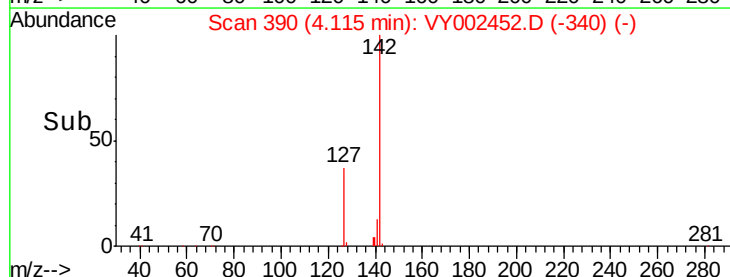
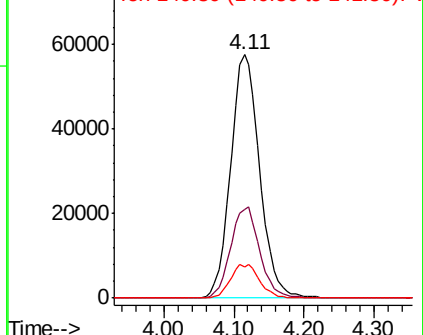
141 14.1 11.4 17.2

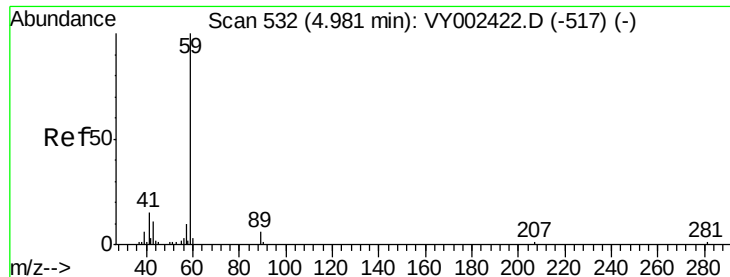


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



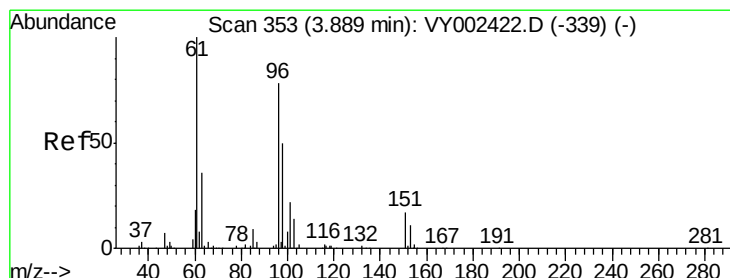
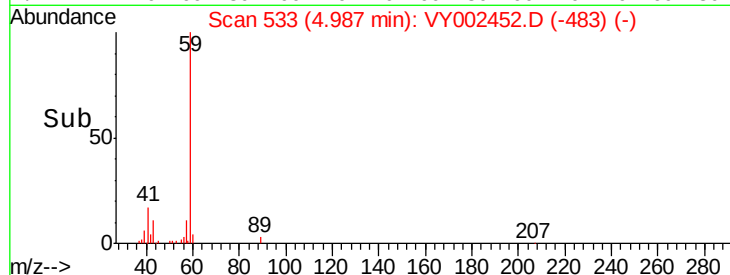
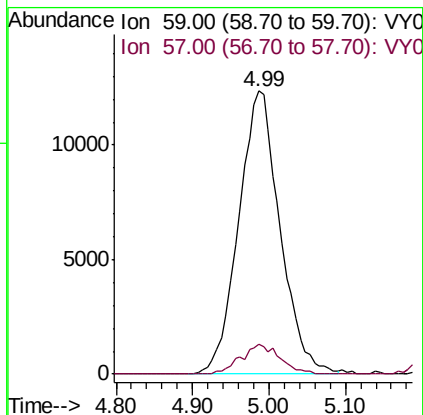
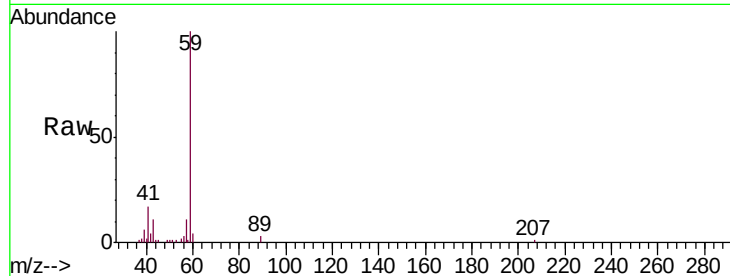


#11

Tert butyl alcohol
 Concen: 203.274 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

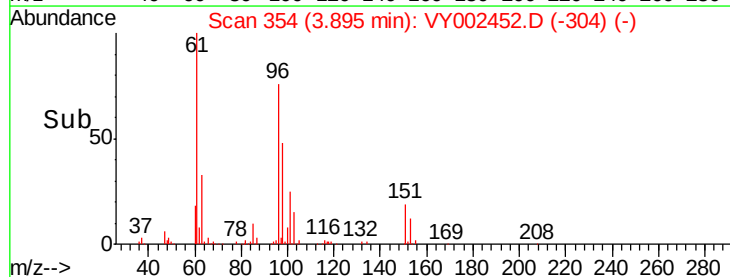
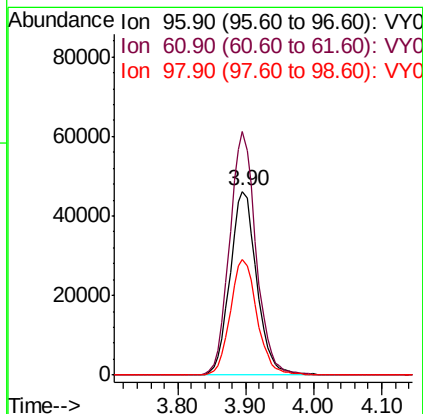
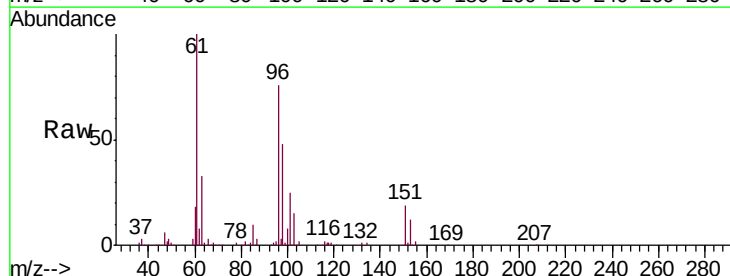
Tgt Ion: 59 Resp: 46334
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.4 11.2

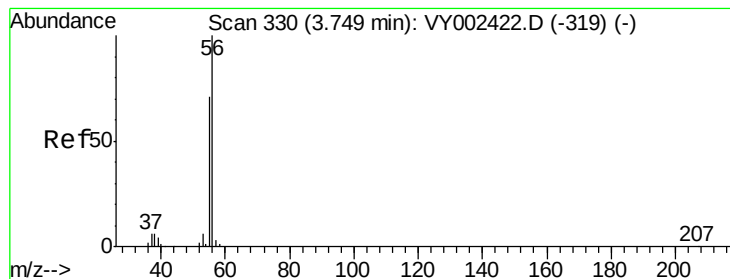


#12

1,1-Dichloroethene
 Concen: 50.504 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Tgt Ion: 96 Resp: 125759
 Ion Ratio Lower Upper
 96 100
 61 132.3 102.1 153.1
 98 63.0 51.3 76.9





#13

Acrolein

Concen: 265.451 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.01 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

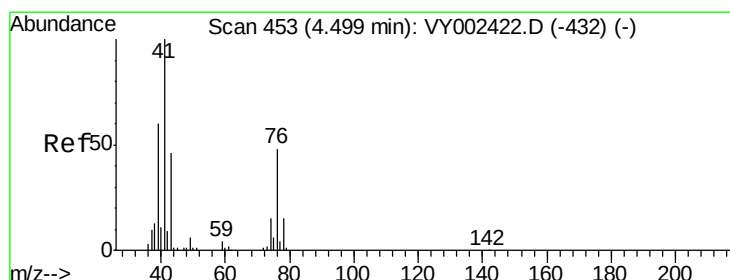
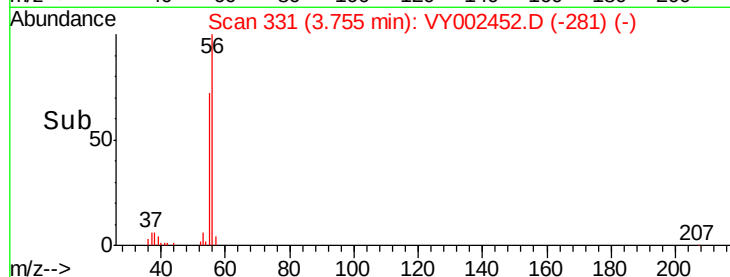
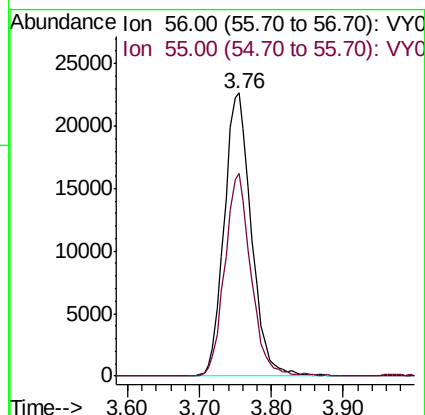
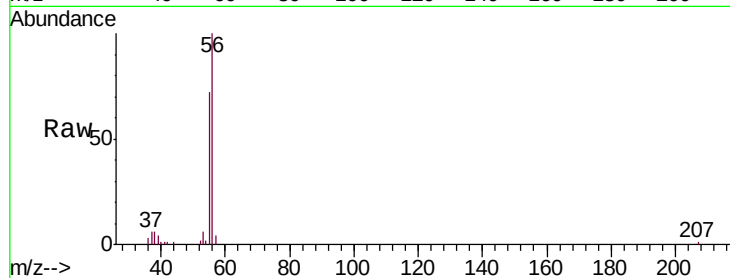
VSTDCCC050EC

Tgt Ion: 56 Resp: 59463

Ion Ratio Lower Upper

56 100

55 68.7 55.9 83.9



#14

Allyl chloride

Concen: 50.812 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

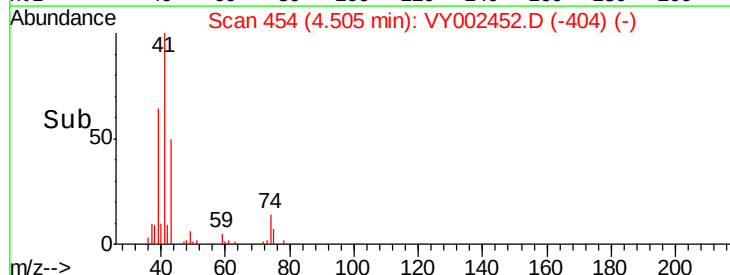
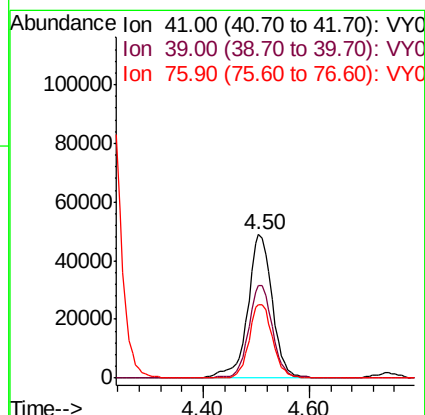
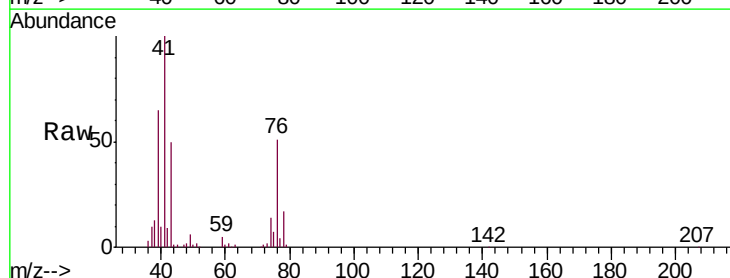
Tgt Ion: 41 Resp: 155610

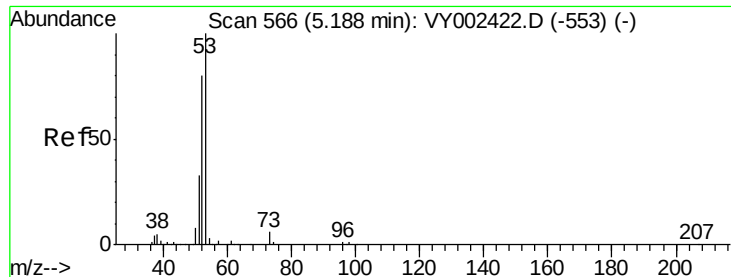
Ion Ratio Lower Upper

41 100

39 62.5 49.1 73.7

76 48.5 38.6 57.8

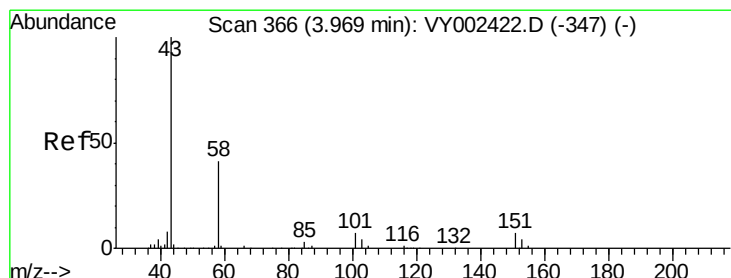
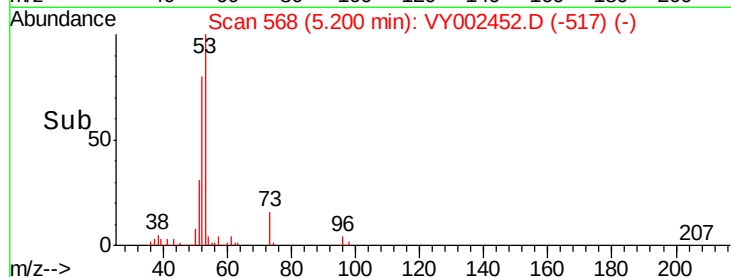
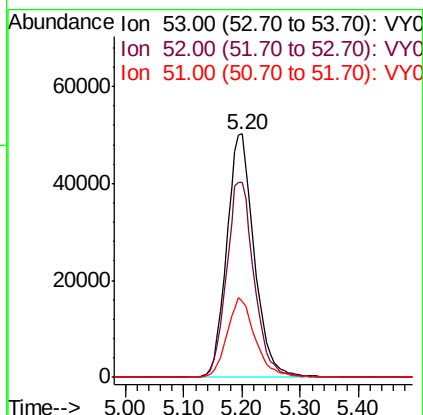
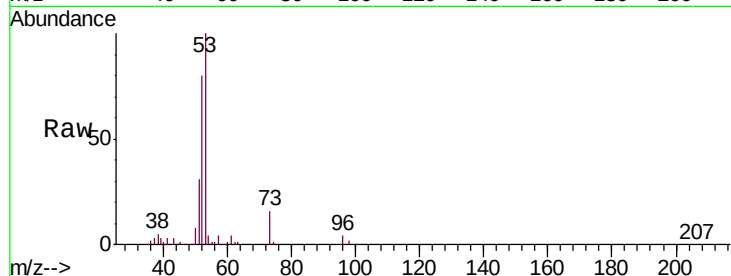




#15
Acrylonitrile
Concen: 253.397 ug/l
RT: 5.20 min Scan# 568
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

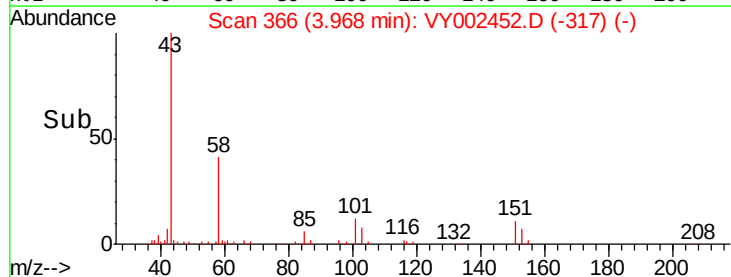
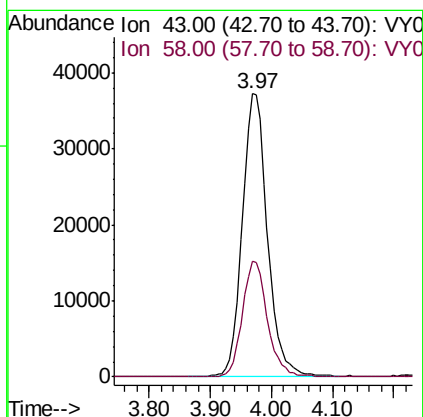
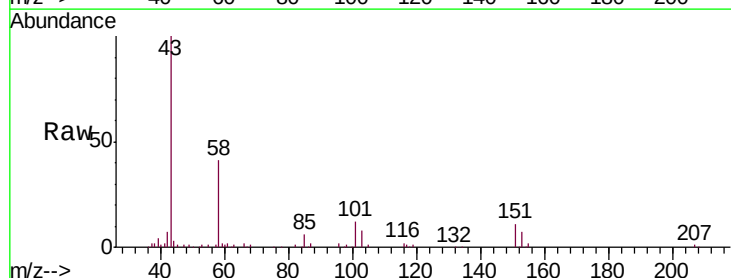
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

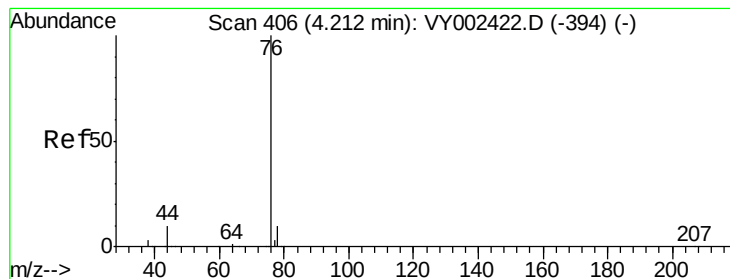
Tgt Ion: 53 Resp: 164395
Ion Ratio Lower Upper
53 100
52 80.8 65.1 97.7
51 33.2 26.8 40.2



#16
Acetone
Concen: 208.200 ug/l
RT: 3.97 min Scan# 366
Delta R.T. -0.00 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion: 43 Resp: 106115
Ion Ratio Lower Upper
43 100
58 40.8 32.6 48.8





#17

Carbon Disulfide

Concen: 51.447 ug/l

RT: 4.22 min Scan# 407

Delta R.T. 0.01 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

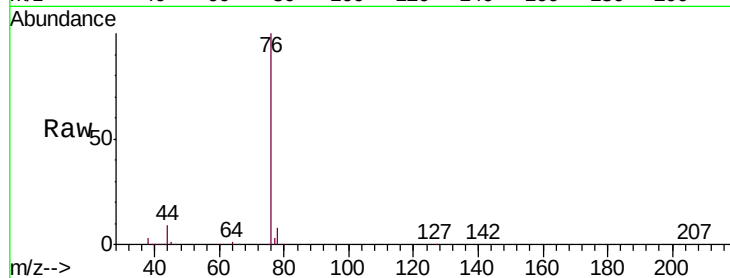
VSTDCCC050EC

Tgt Ion: 76 Resp: 390336

Ion Ratio Lower Upper

76 100

78 8.5 7.8 11.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.22

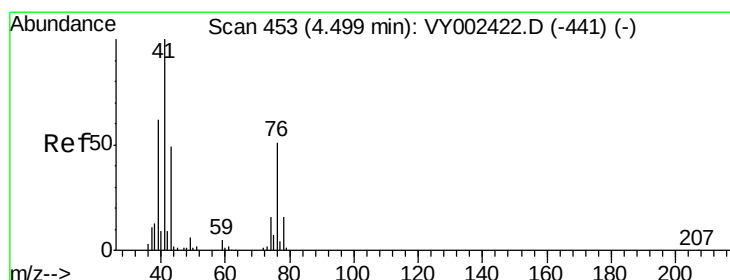
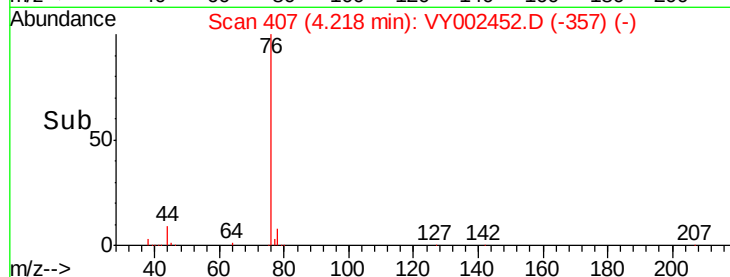
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 49.083 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002452.D

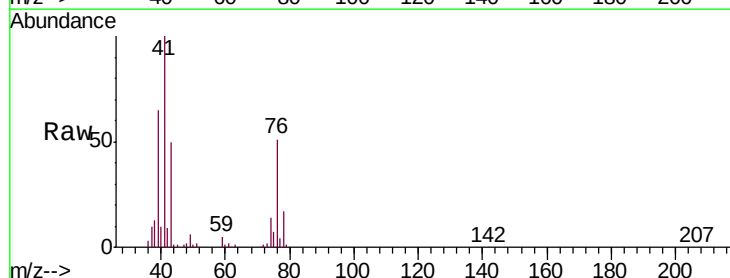
Acq: 21 Apr 2020 22:21

Tgt Ion: 43 Resp: 71505

Ion Ratio Lower Upper

43 100

74 29.7 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.50

25000

20000

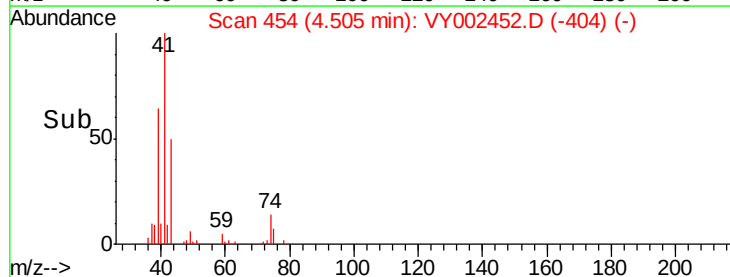
15000

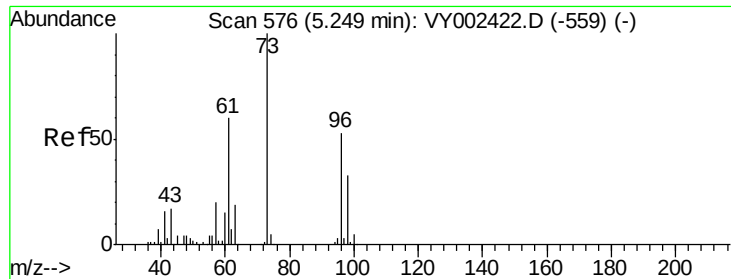
10000

5000

0

Time-->

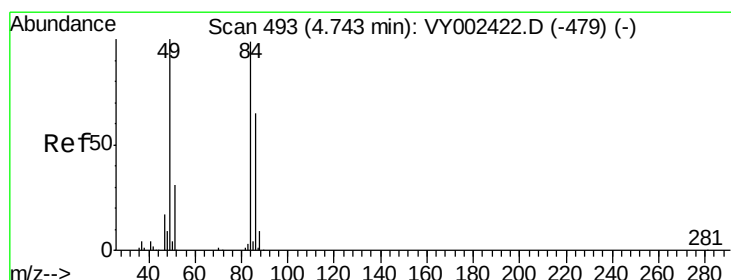
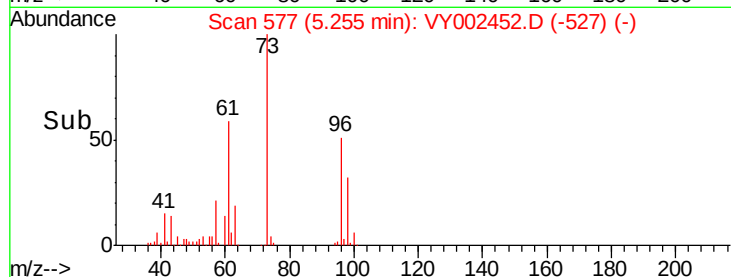
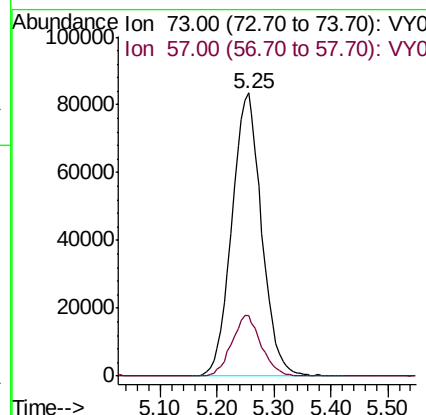
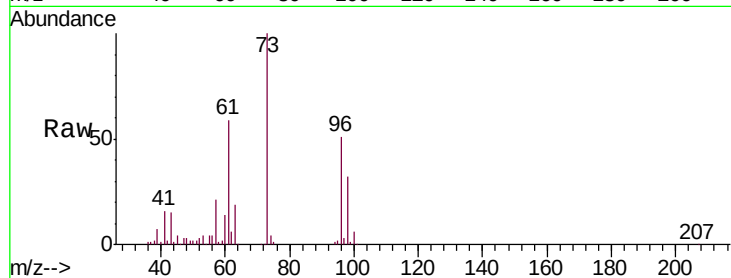




#19
Methyl tert-butyl Ether
Concen: 52.008 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

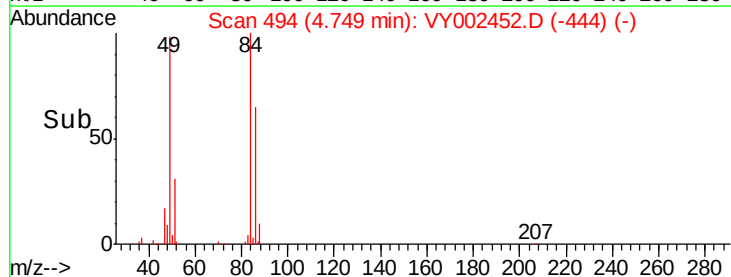
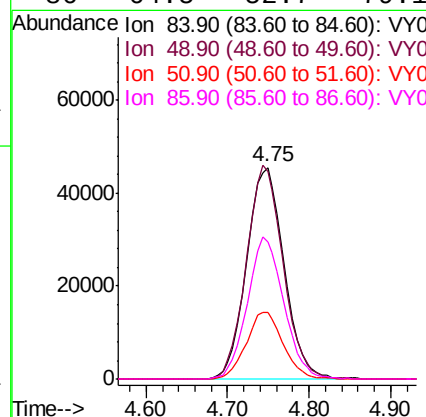
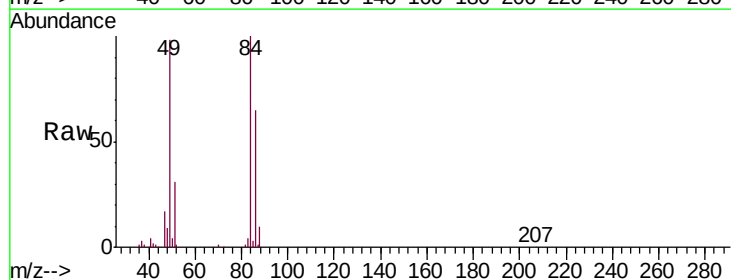
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

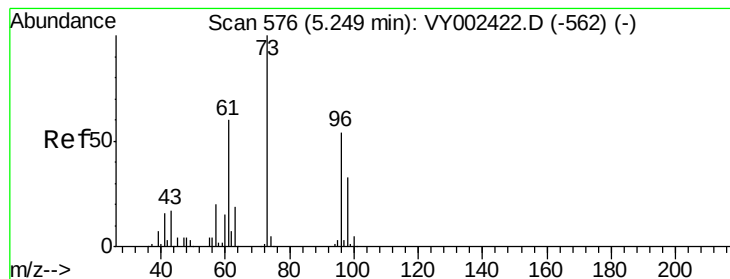
Tgt Ion: 73 Resp: 304151
Ion Ratio Lower Upper
73 100
57 21.2 16.3 24.5



#20
Methylene Chloride
Concen: 50.893 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion: 84 Resp: 145148
Ion Ratio Lower Upper
84 100
49 98.0 81.0 121.6
51 31.4 24.9 37.3
86 64.5 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 51.552 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.00 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

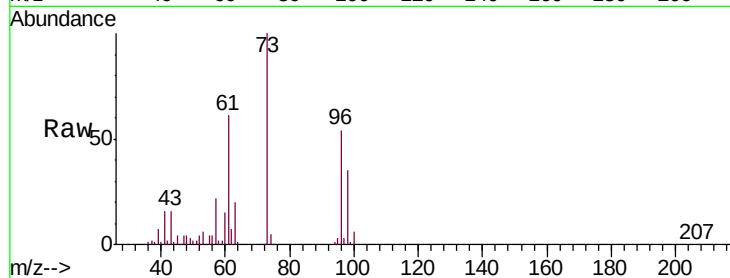
Tgt Ion: 96 Resp: 138918

Ion Ratio Lower Upper

96 100

61 112.7 89.7 134.5

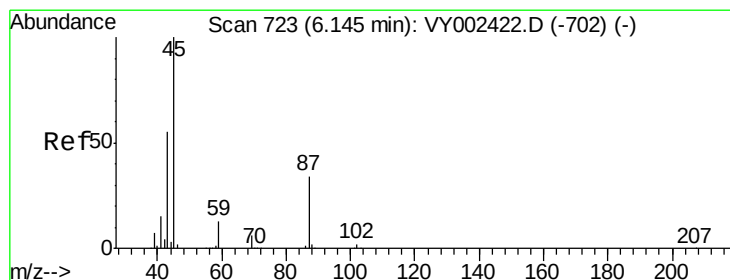
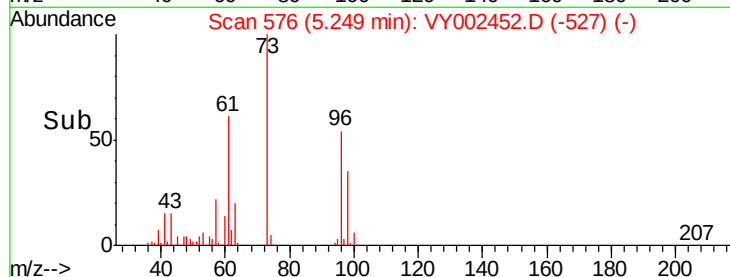
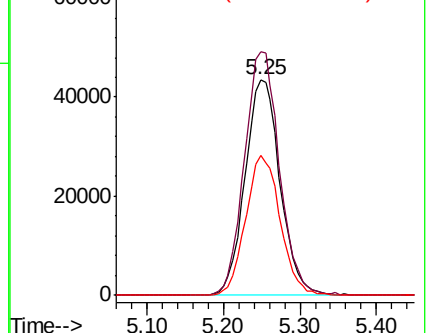
98 64.7 49.7 74.5



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: 50.430 ug/l

RT: 6.15 min Scan# 724

Delta R.T. 0.01 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

Tgt Ion: 45 Resp: 309645

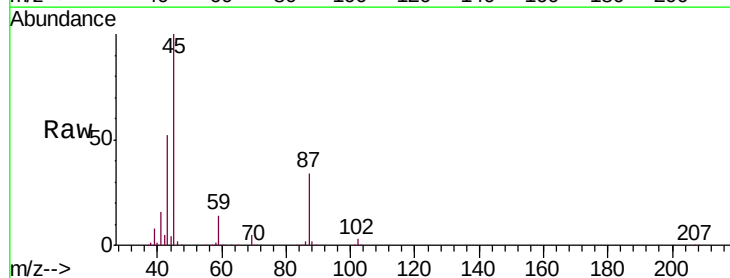
Ion Ratio Lower Upper

45 100

43 52.3 43.8 65.6

87 34.5 27.4 41.2

59 13.8 10.8 16.2

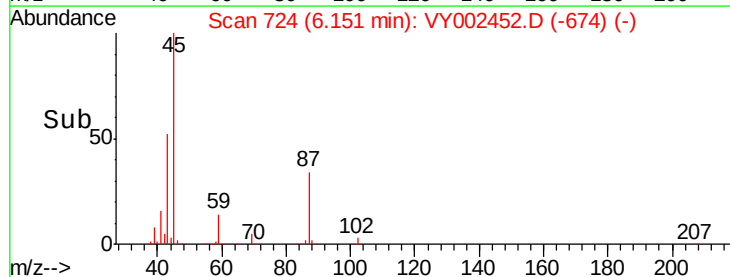
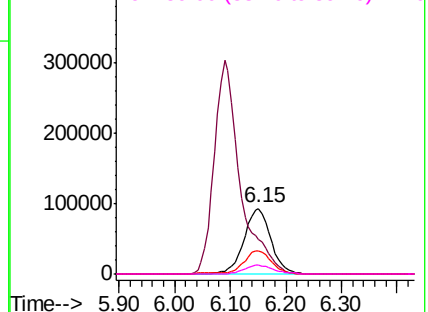


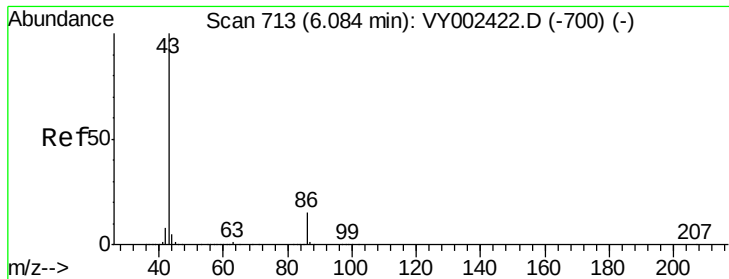
Abundance Ion 45.00 (44.70 to 45.70): VY0

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: 255.209 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.01 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

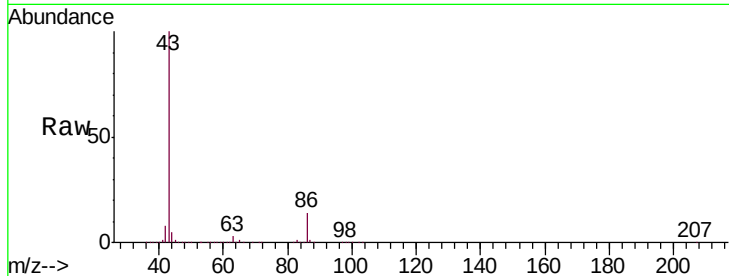
VSTDCCC050EC

Tgt Ion: 43 Resp: 987034

Ion Ratio Lower Upper

43 100

86 14.1 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.09

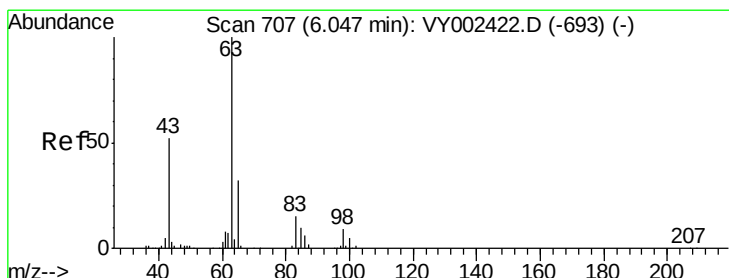
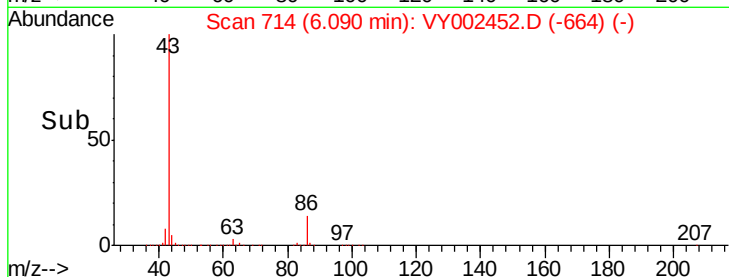
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.755 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.00 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

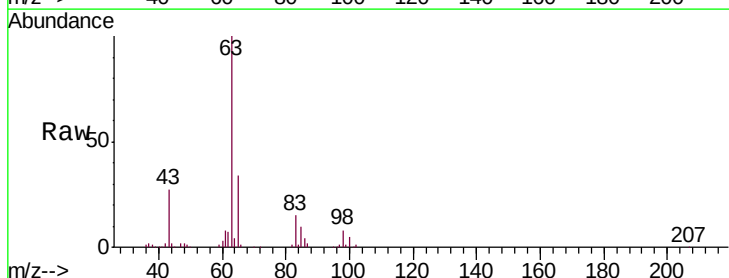
Tgt Ion: 63 Resp: 201528

Ion Ratio Lower Upper

63 100

98 8.5 4.5 13.4

100 5.0 2.6 8.0



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

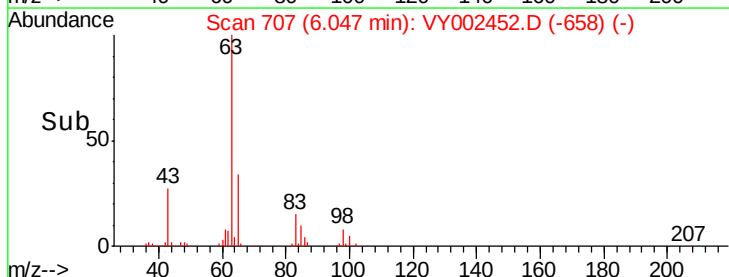
60000

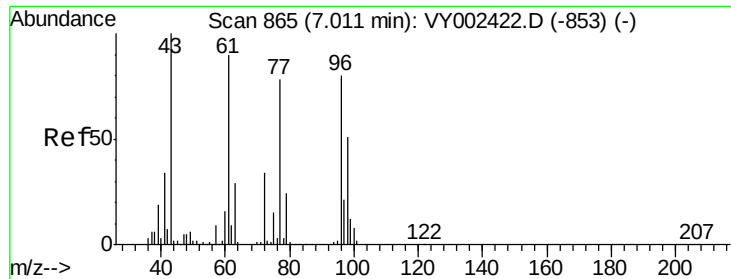
40000

20000

0

Time-->





#25

2-Butanone

Concen: 231.545 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.00 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

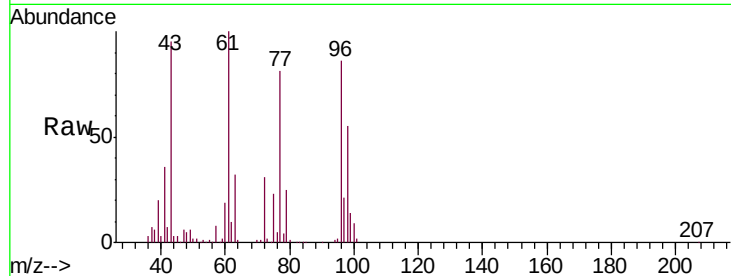
VSTDCCC050EC

Tgt Ion: 43 Resp: 168220

Ion Ratio Lower Upper

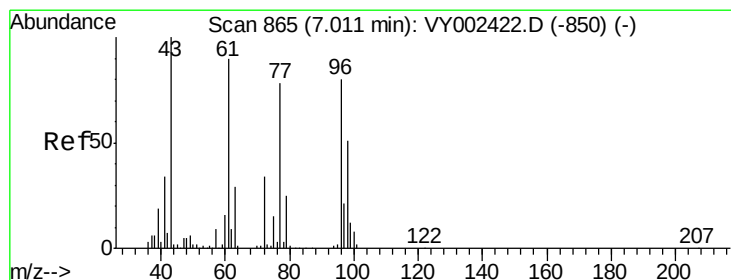
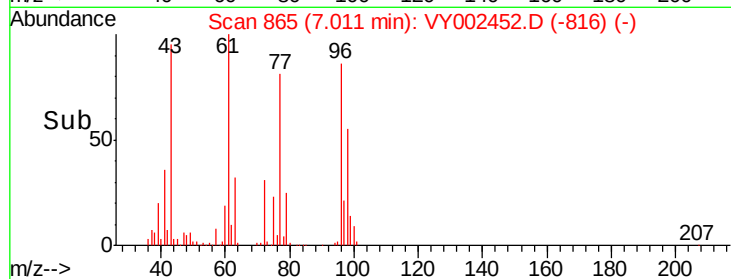
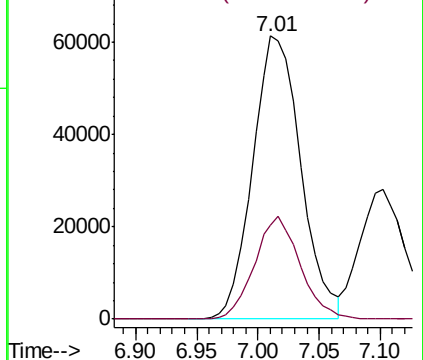
43 100

72 33.0 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 45.706 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.00 min

Lab File: VY002452.D

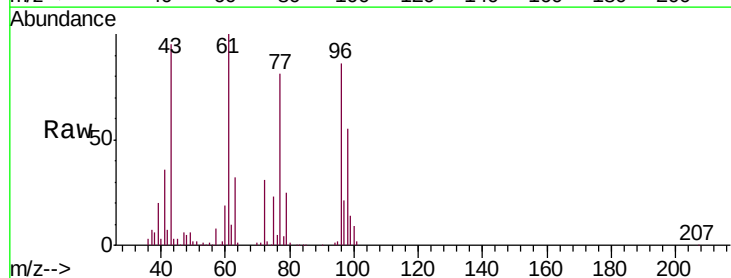
Acq: 21 Apr 2020 22:21

Tgt Ion: 77 Resp: 155797

Ion Ratio Lower Upper

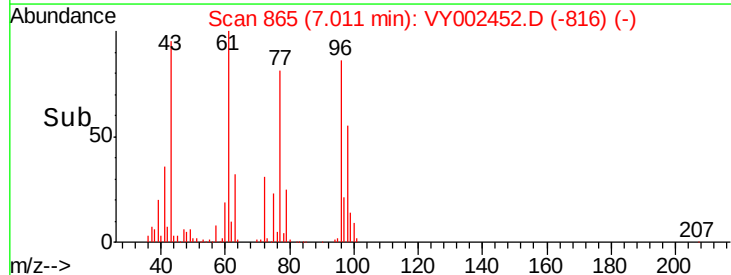
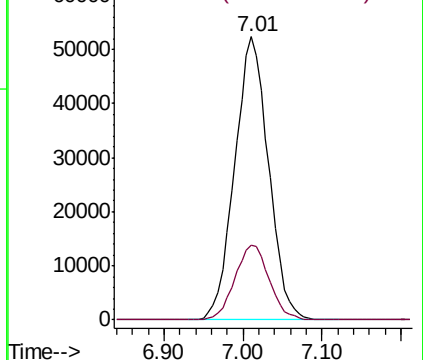
77 100

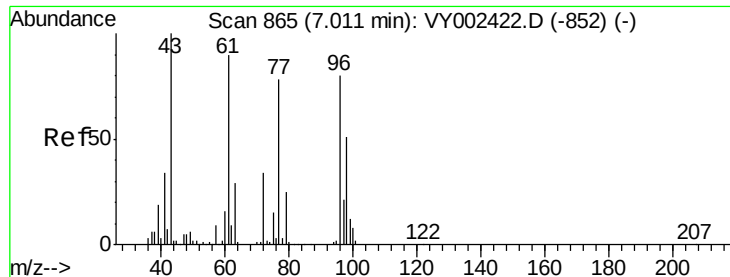
97 26.8 13.5 40.5



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



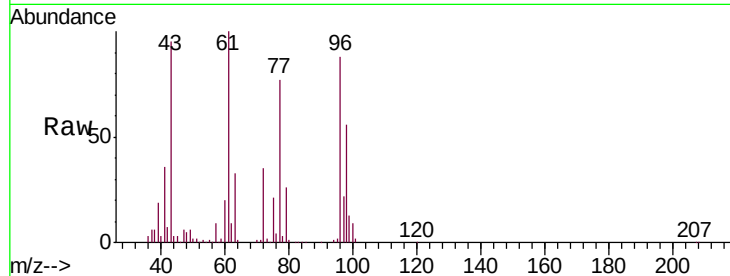


#27

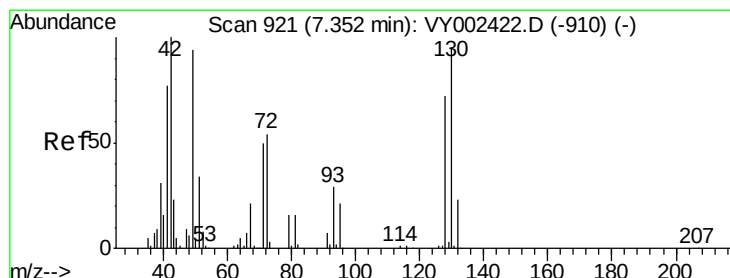
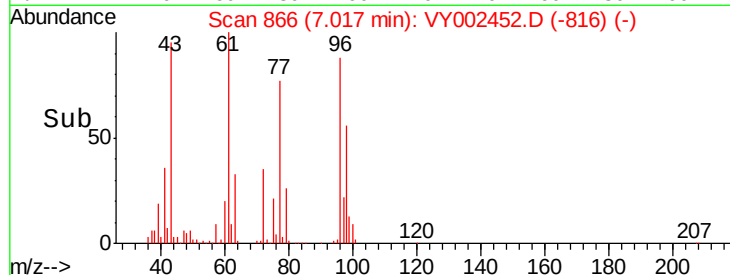
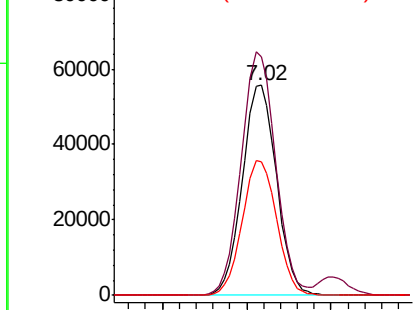
cis-1,2-Dichloroethene
 Concen: 52.474 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 153352
 Ion Ratio Lower Upper
 96 100
 61 116.6 0.0 236.2
 98 64.5 0.0 130.2



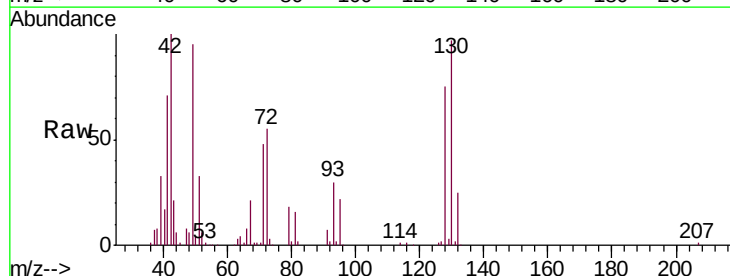
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



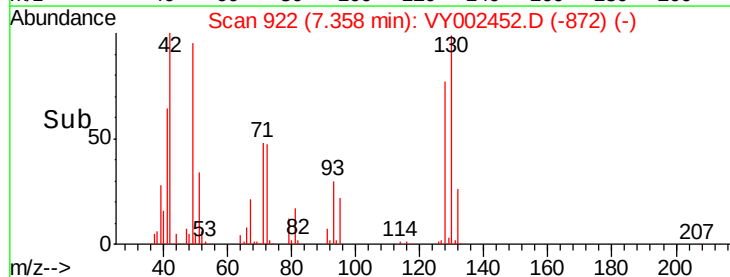
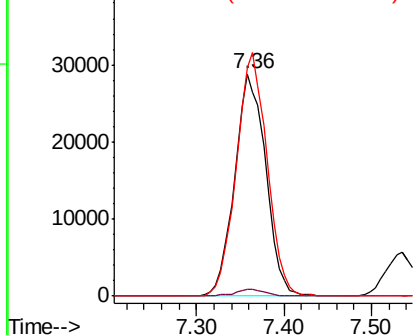
#28

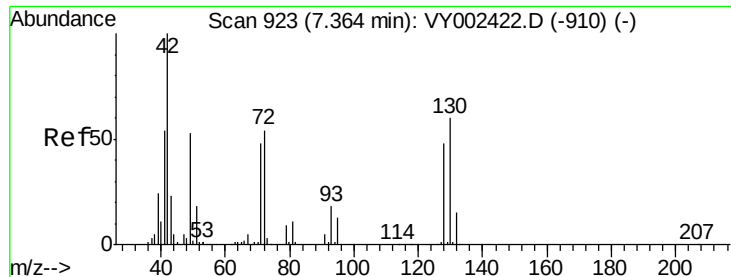
Bromochloromethane
 Concen: 48.096 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Tgt Ion: 49 Resp: 71361
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 6.0
 130 107.8 84.1 126.1



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

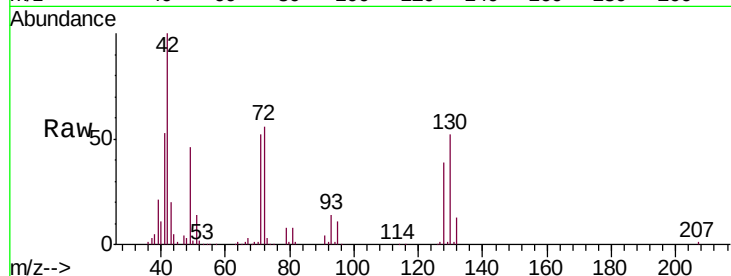




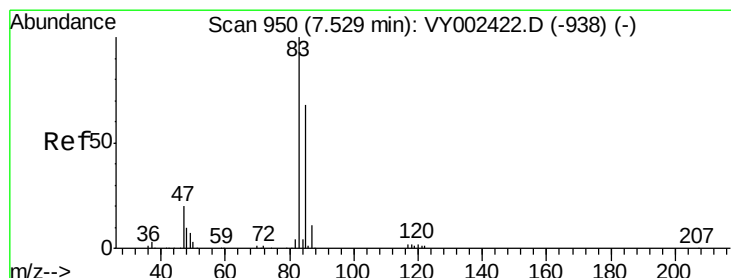
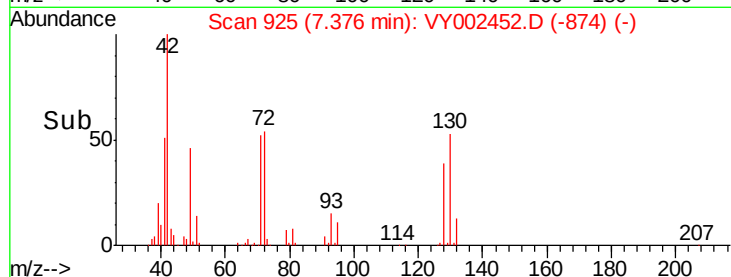
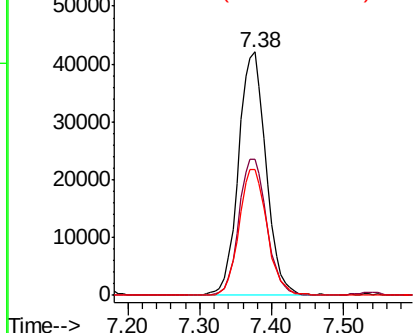
#29
Tetrahydrofuran
Concen: 240.121 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 111887
Ion Ratio Lower Upper
42 100
72 56.5 44.6 67.0
71 52.4 40.6 60.8

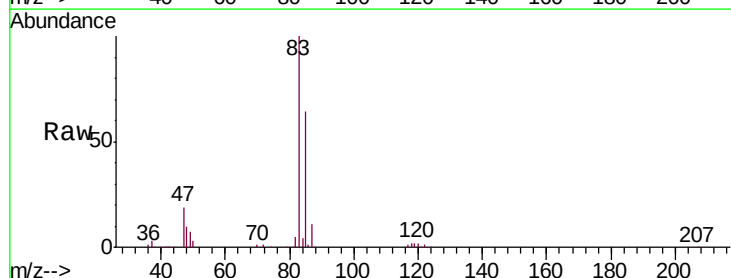


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

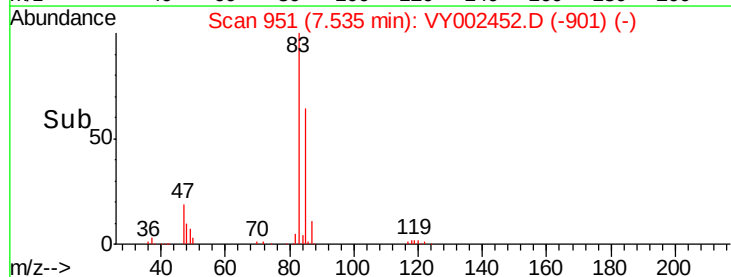
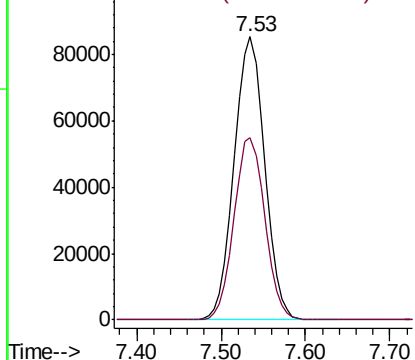


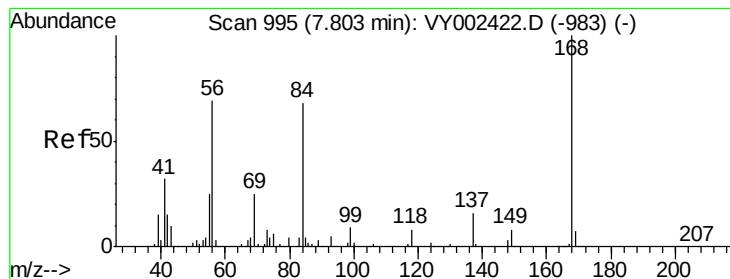
#30
Chloroform
Concen: 52.021 ug/l
RT: 7.53 min Scan# 951
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion: 83 Resp: 209046
Ion Ratio Lower Upper
83 100
85 64.5 54.3 81.5



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





#31

Cyclohexane

Concen: 46.511 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

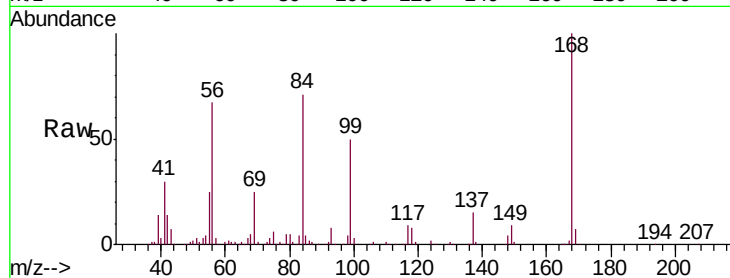
Tgt Ion: 56 Resp: 183566

Ion Ratio Lower Upper

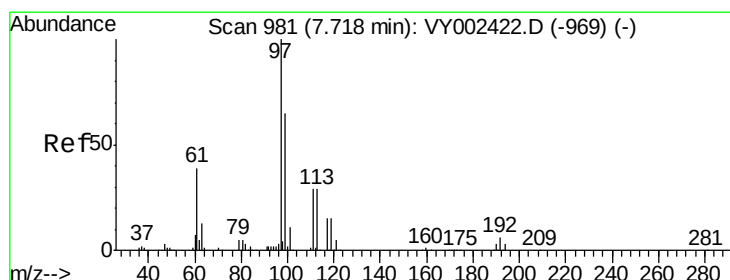
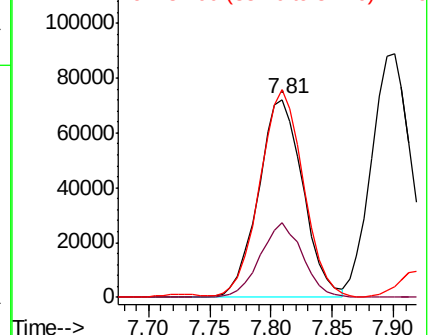
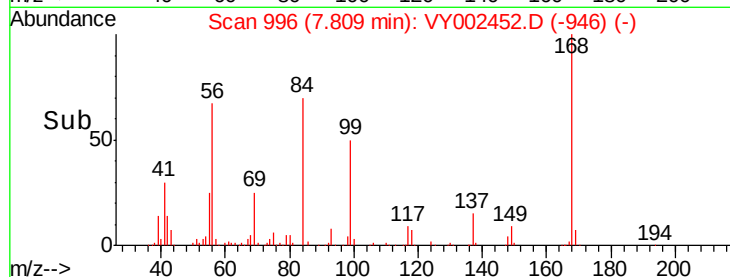
56 100

69 37.7 29.1 43.7

84 103.9 79.4 119.2



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: 50.491 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

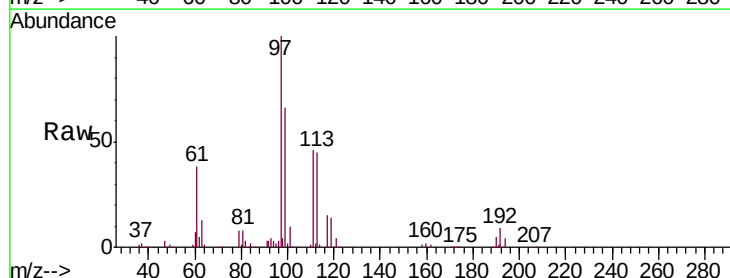
Tgt Ion: 97 Resp: 179197

Ion Ratio Lower Upper

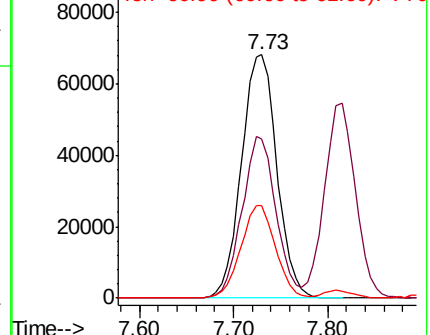
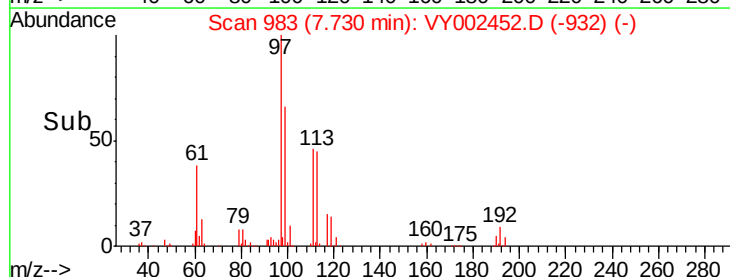
97 100

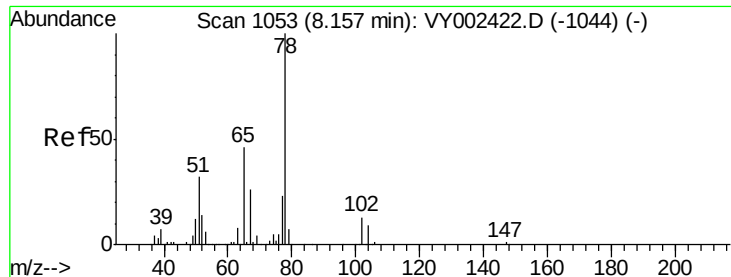
99 63.8 51.9 77.9

61 37.3 30.8 46.2



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

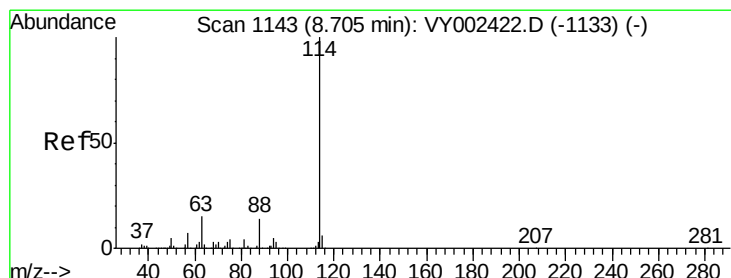
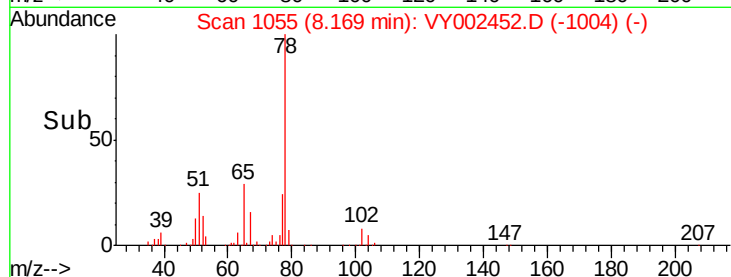
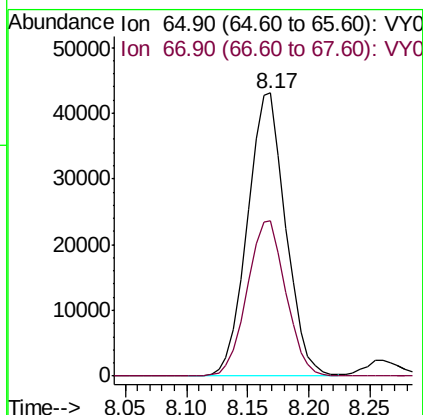
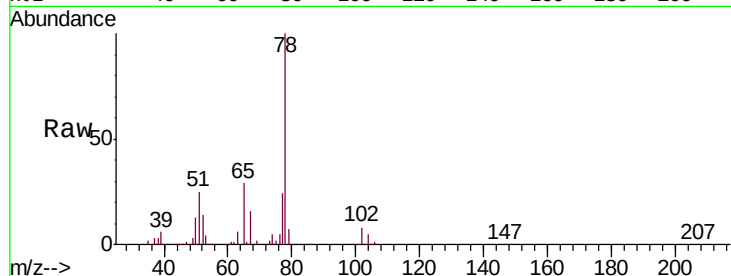




#33
 1,2-Dichloroethane-d4
 Concen: 49.079 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

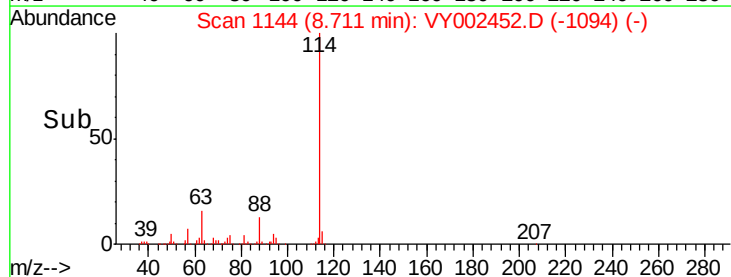
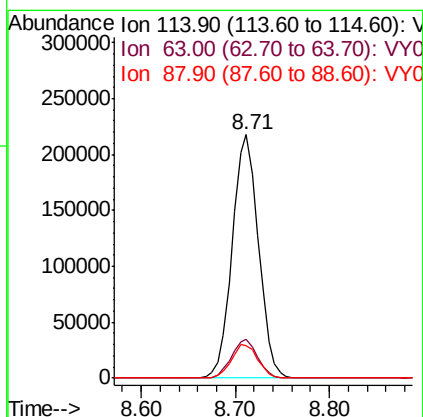
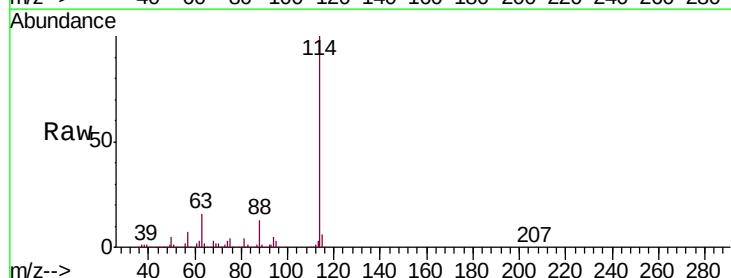
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

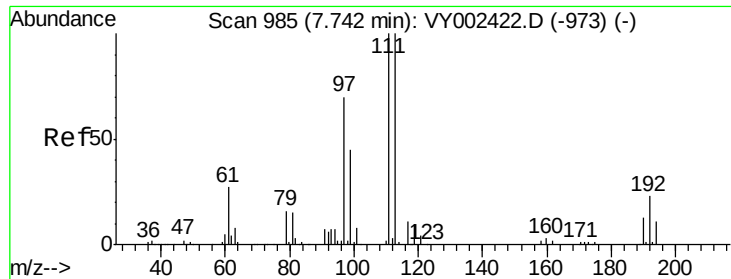
Tgt Ion: 65 Resp: 93606
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Tgt Ion: 114 Resp: 420281
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 31.0
 88 13.3 0.0 28.2

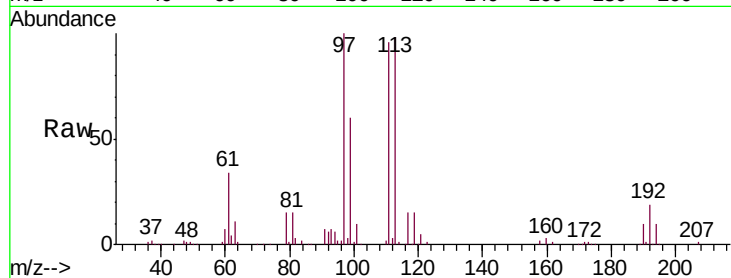




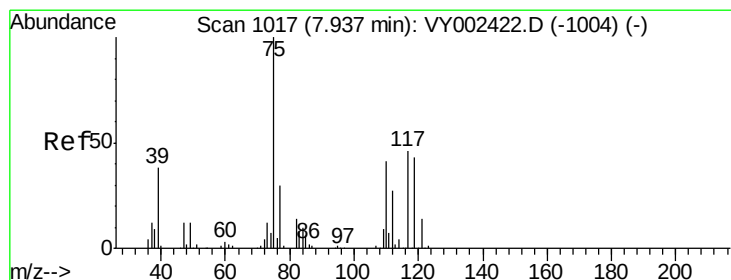
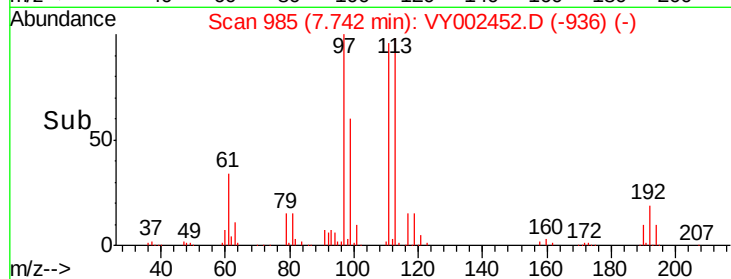
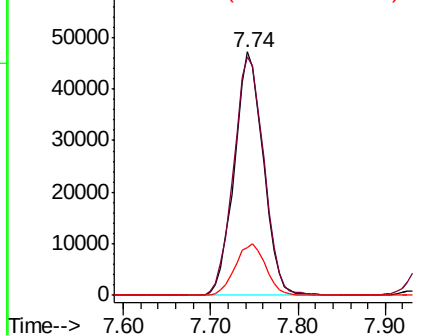
#35
 Dibromofluoromethane
 Concen: 49.057 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:113 Resp: 108446
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.7 122.5
 192 22.5 17.8 26.6

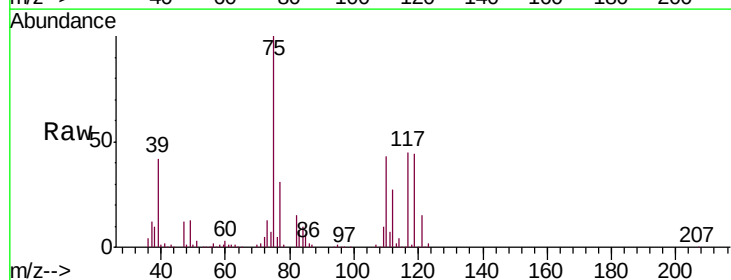


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

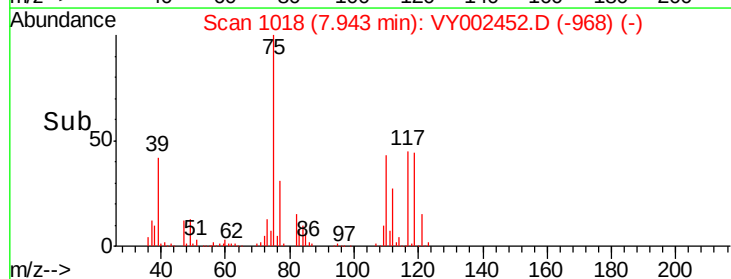
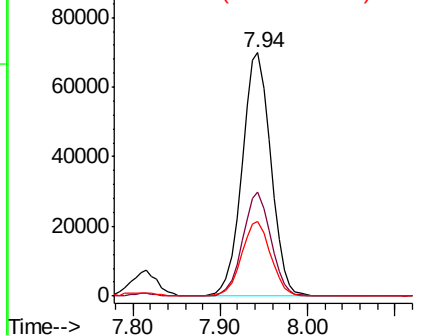


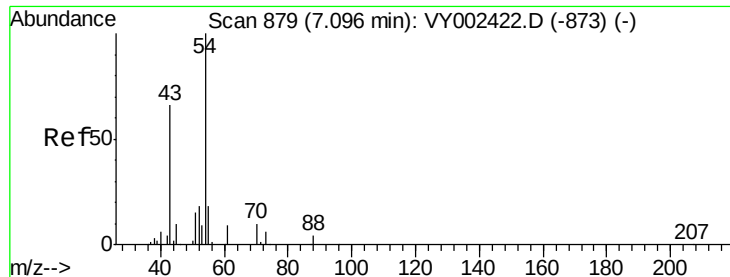
#36
 1,1-Dichloropropene
 Concen: 47.115 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Tgt Ion: 75 Resp: 159331
 Ion Ratio Lower Upper
 75 100
 110 41.8 20.4 61.2
 77 31.2 25.5 38.3



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

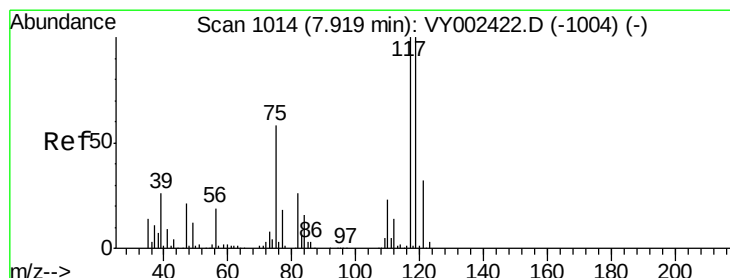
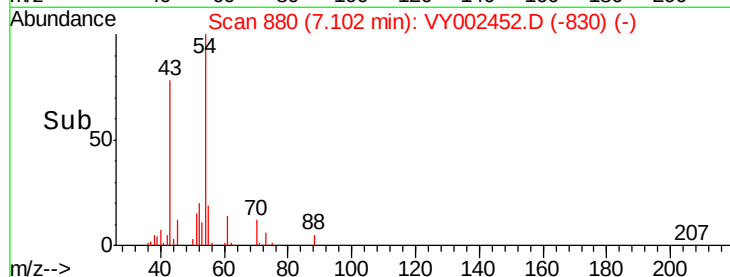
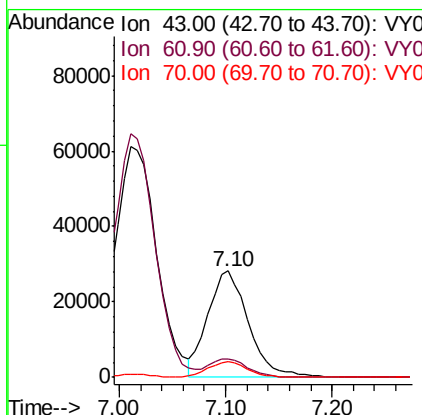
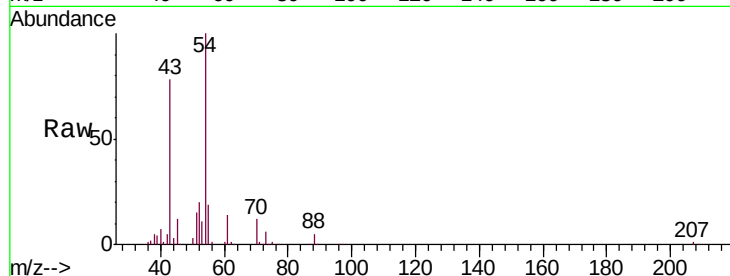




#37
Ethyl Acetate
Concen: 46.986 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

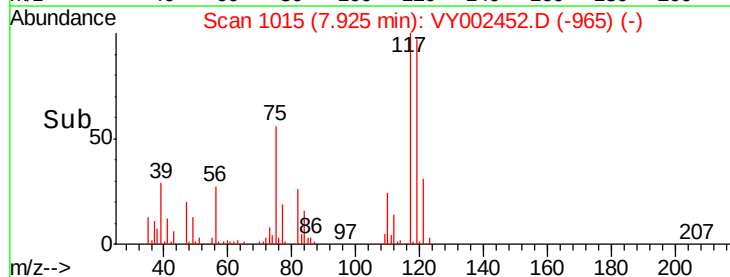
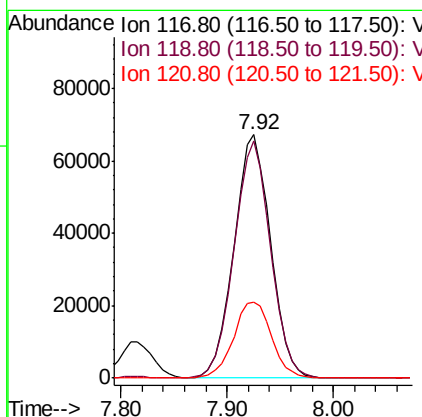
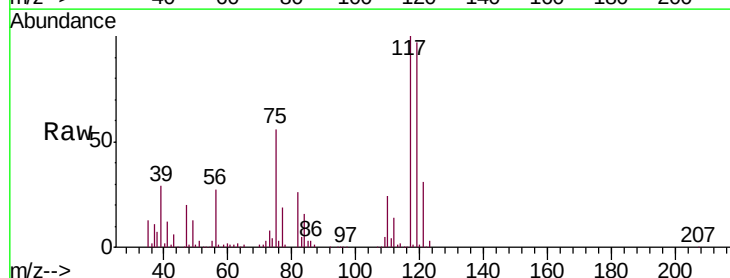
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

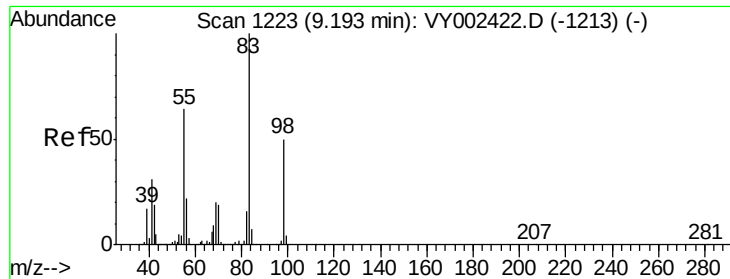
Tgt Ion: 43 Resp: 74303
Ion Ratio Lower Upper
43 100
61 16.9 13.5 20.3
70 14.1 10.6 16.0



#38
Carbon Tetrachloride
Concen: 47.657 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion: 117 Resp: 162334
Ion Ratio Lower Upper
117 100
119 97.3 79.6 119.4
121 31.1 25.4 38.2

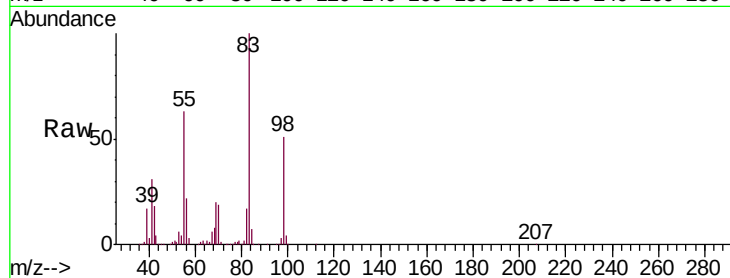




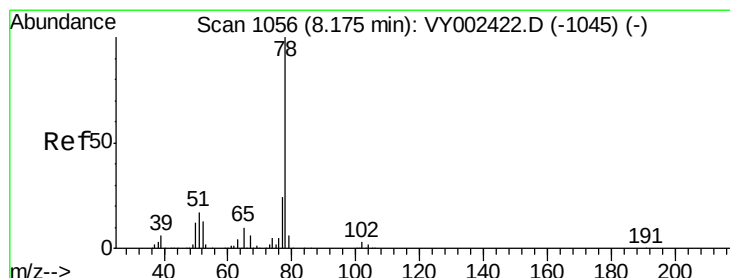
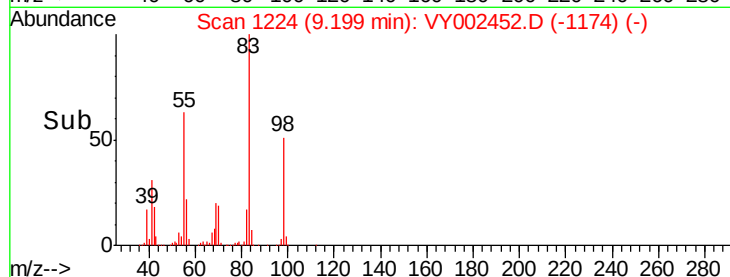
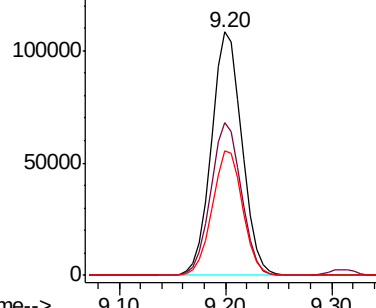
#39
Methylcyclohexane
Concen: 46.699 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 218040
Ion Ratio Lower Upper
83 100
55 62.9 51.2 76.8
98 51.3 39.8 59.6

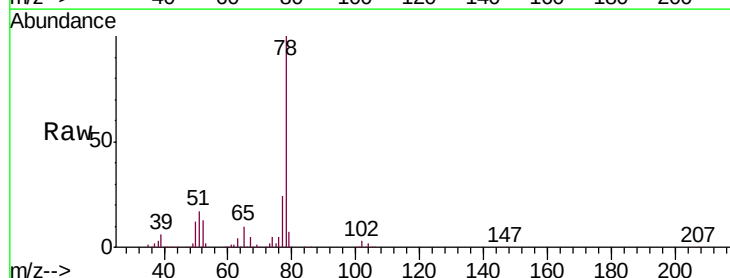


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

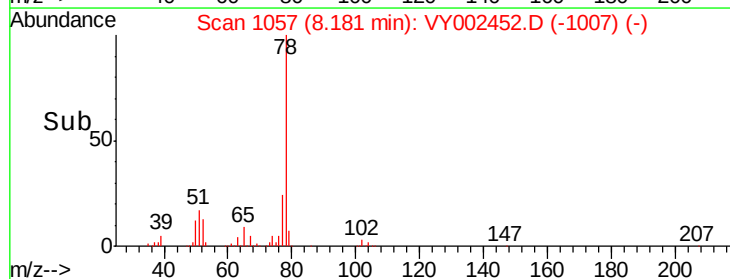
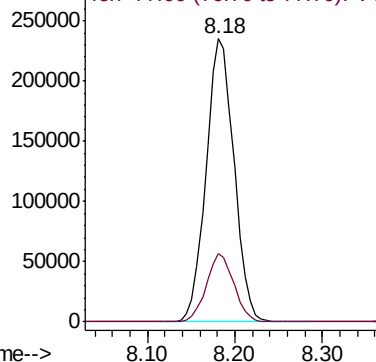


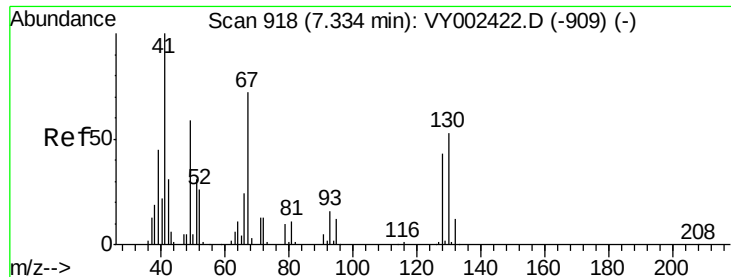
#40
Benzene
Concen: 50.107 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion: 78 Resp: 521525
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.4



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

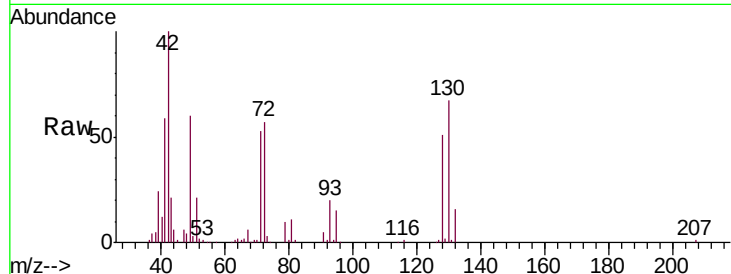




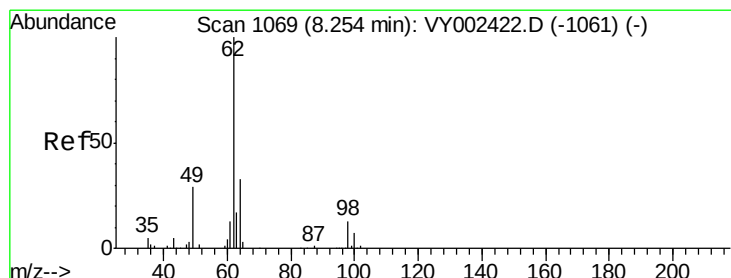
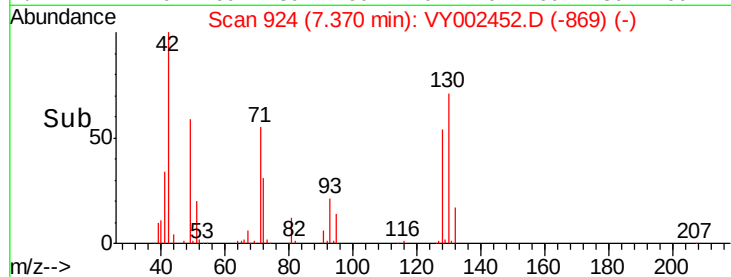
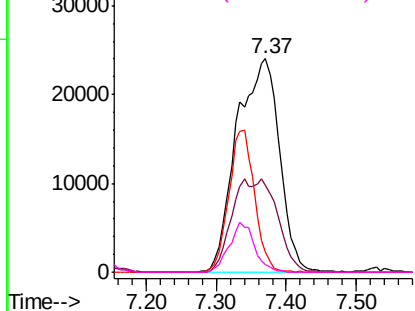
#41
Methacrylonitrile
Concen: 120.830 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.04 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	101764
Ion	Ratio	Lower	Upper
41	100		
39	0.0	99.0	148.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

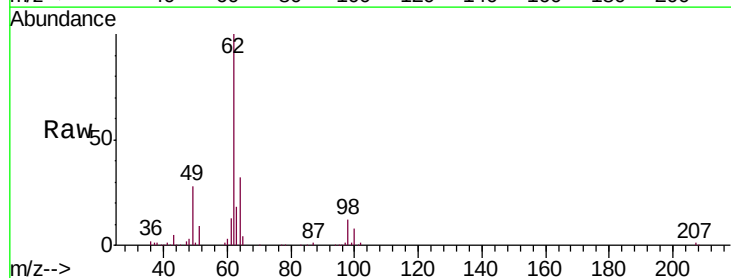


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

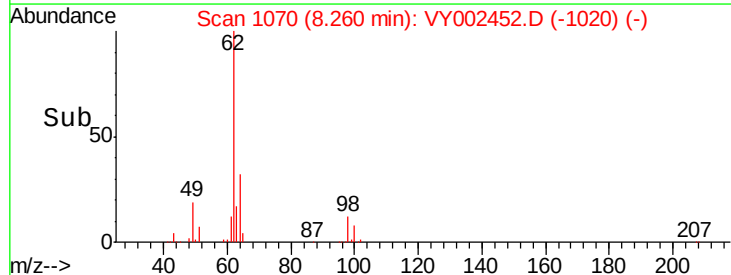
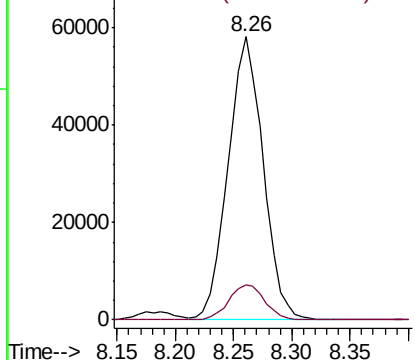


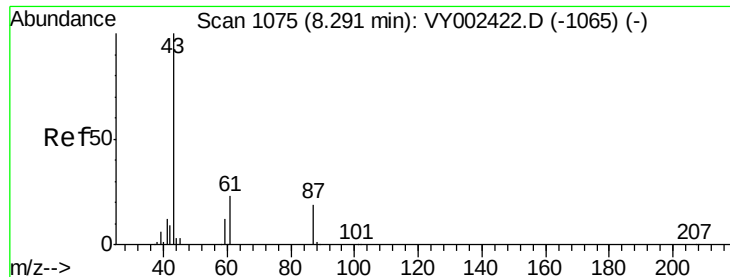
#42
1,2-Dichloroethane
Concen: 49.772 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion:	62	Resp:	122052
Ion	Ratio	Lower	Upper
62	100		
98	12.7	0.0	25.4



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



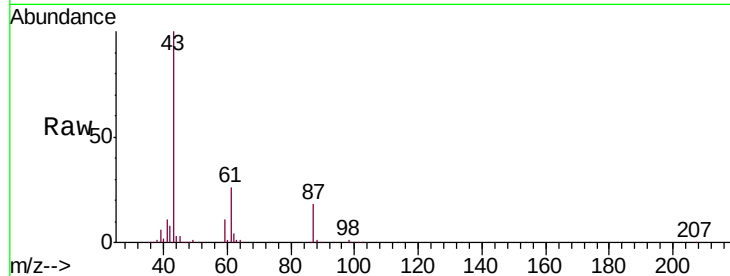


#43

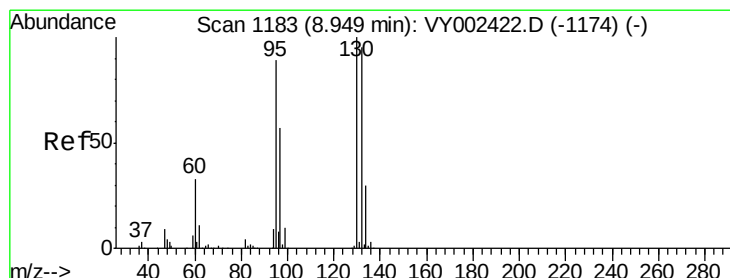
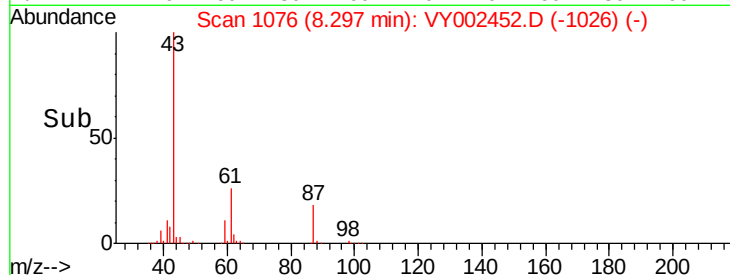
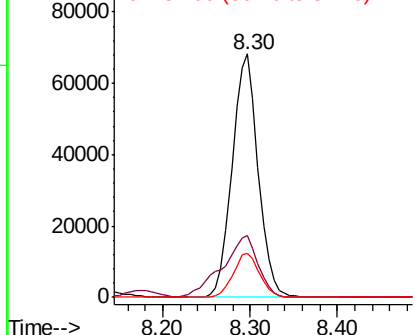
Isopropyl Acetate
 Concen: 47.531 ug/l
 RT: 8.30 min Scan# 1076
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 140948
 Ion Ratio Lower Upper
 43 100
 61 34.7 27.7 41.5
 87 18.2 14.5 21.7



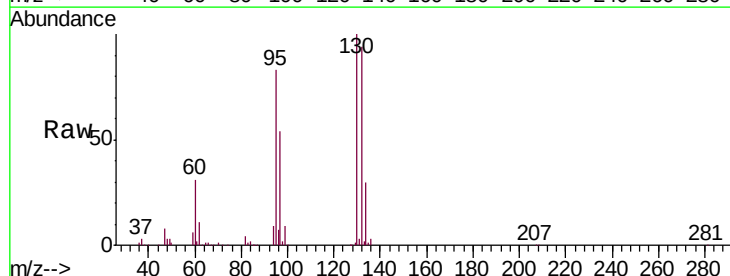
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



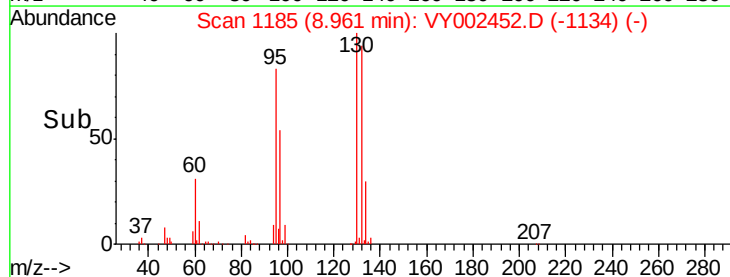
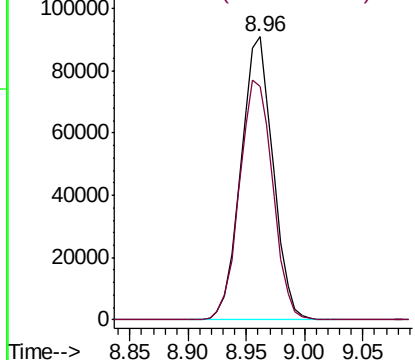
#44

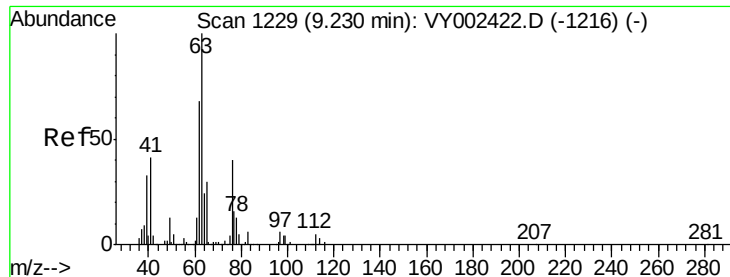
Trichloroethene
 Concen: 50.265 ug/l
 RT: 8.96 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Tgt Ion: 130 Resp: 174914
 Ion Ratio Lower Upper
 130 100
 95 82.5 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VY0

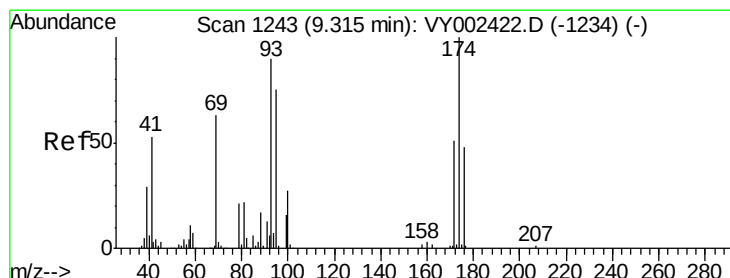
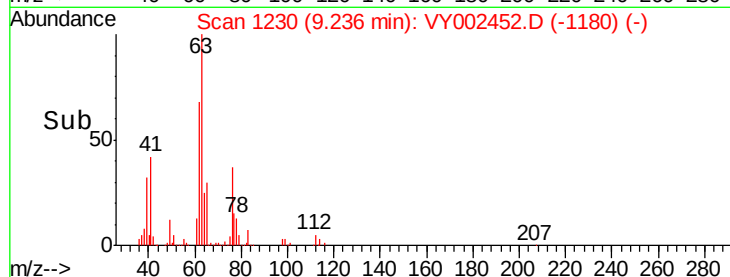
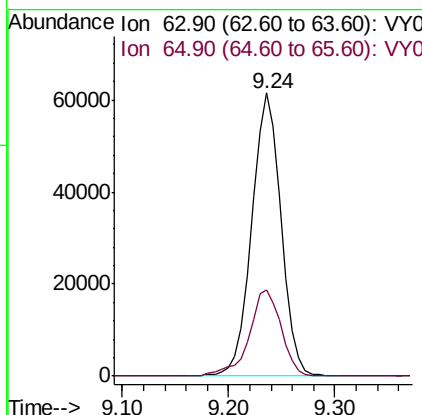
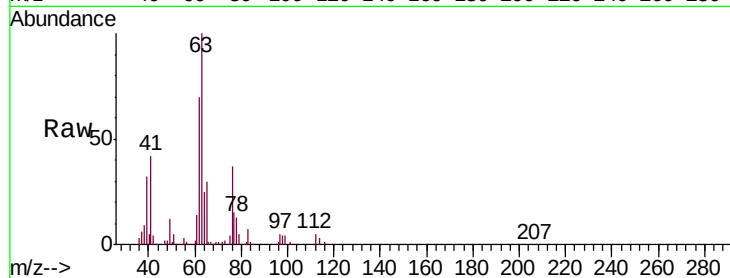




#45
 1,2-Dichloropropane
 Concen: 49.981 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

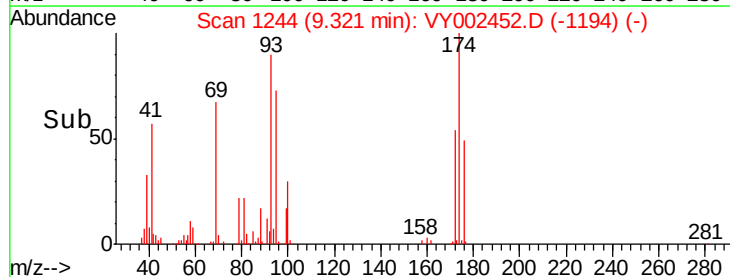
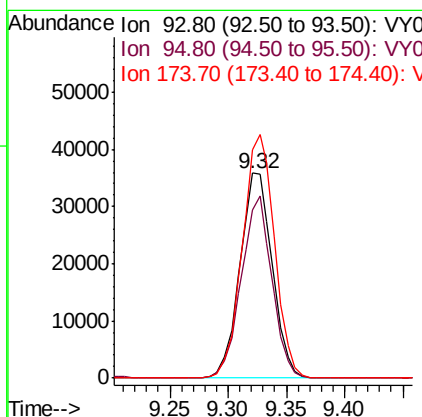
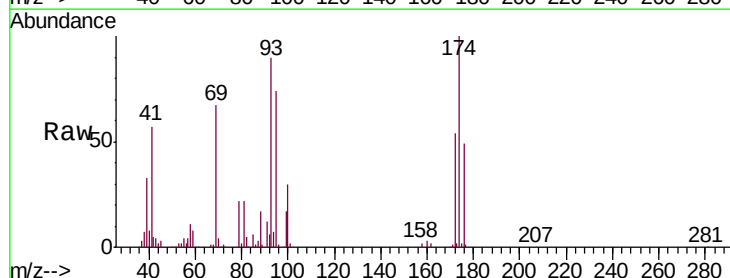
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

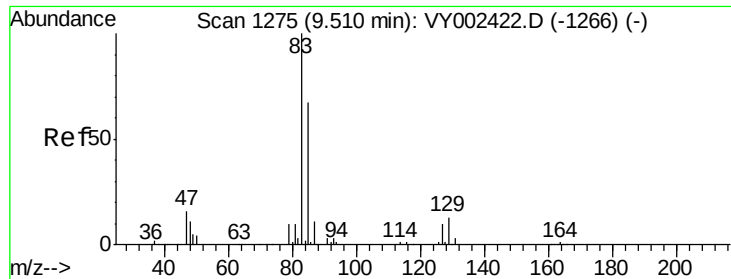
Tgt Ion: 63 Resp: 118827
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.2 36.2



#46
 Dibromomethane
 Concen: 49.964 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Tgt Ion: 93 Resp: 69328
 Ion Ratio Lower Upper
 93 100
 95 84.4 67.5 101.3
 174 118.0 94.5 141.7

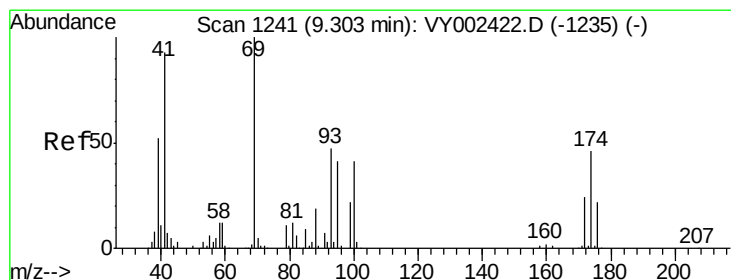
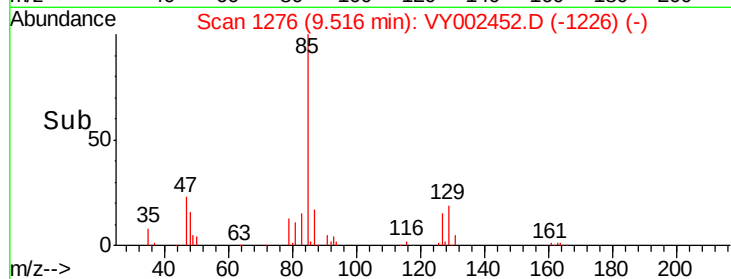
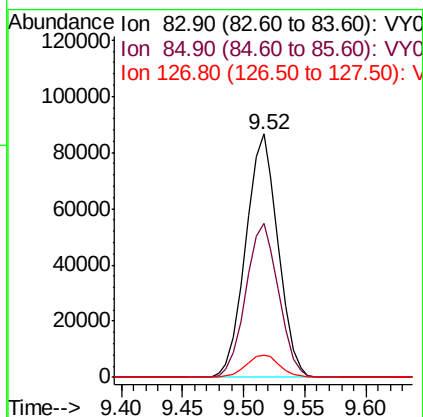
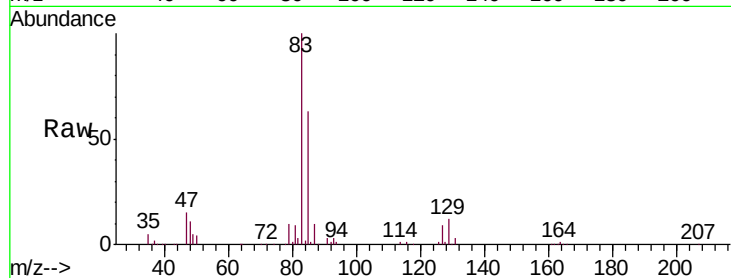




#47
Bromodichloromethane
Concen: 50.621 ug/l
RT: 9.52 min Scan# 1276
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

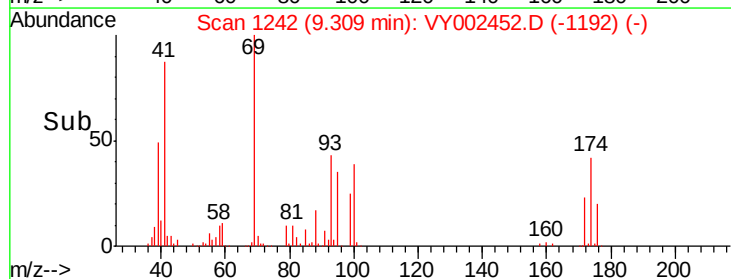
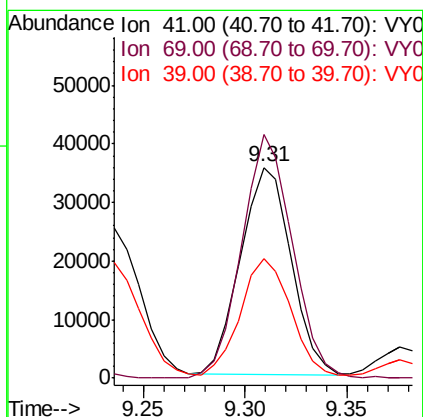
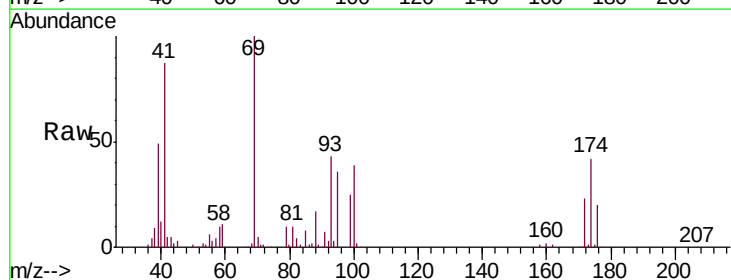
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

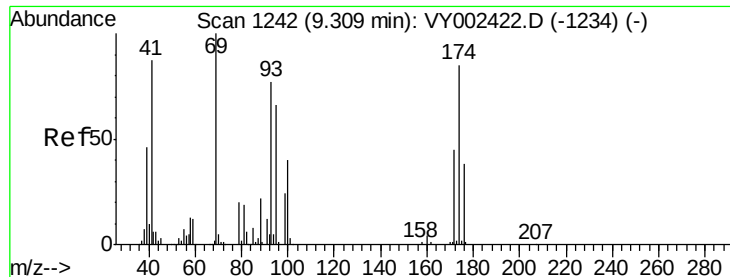
Tgt Ion: 83 Resp: 159356
Ion Ratio Lower Upper
83 100
85 63.3 53.4 80.2
127 9.2 7.8 11.6



#48
Methyl methacrylate
Concen: 46.264 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion: 41 Resp: 61258
Ion Ratio Lower Upper
41 100
69 117.6 87.9 131.9
39 58.1 43.5 65.3





#49

1,4-Dioxane

Concen: 888.725 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

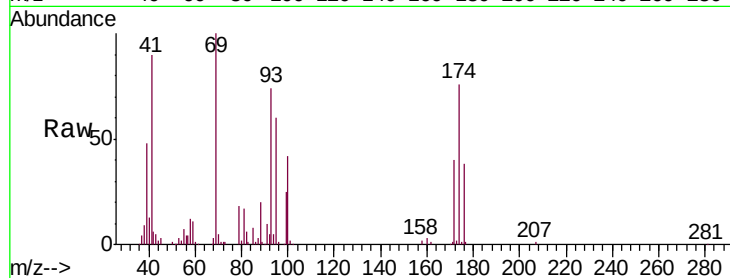
Tgt Ion: 88 Resp: 18180

Ion Ratio Lower Upper

88 100

43 24.3 19.0 28.6

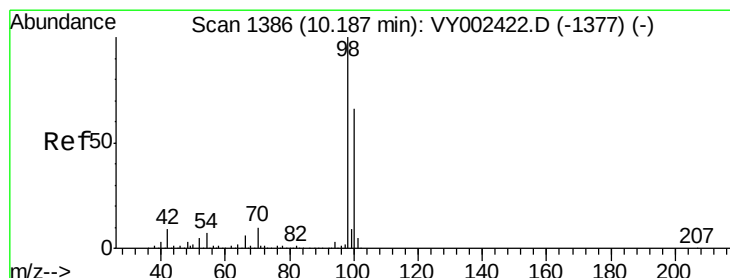
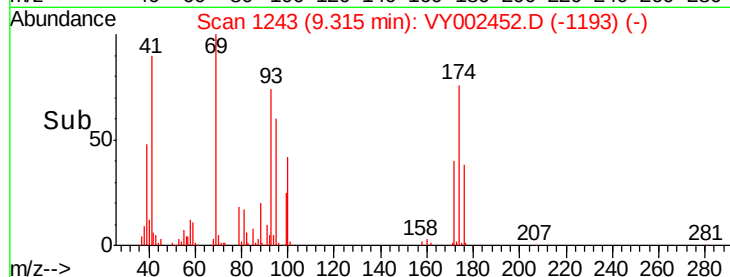
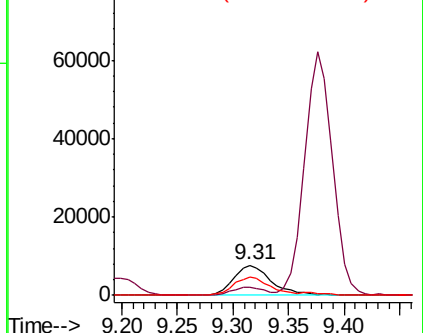
58 62.9 44.8 67.2



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: 47.093 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002452.D

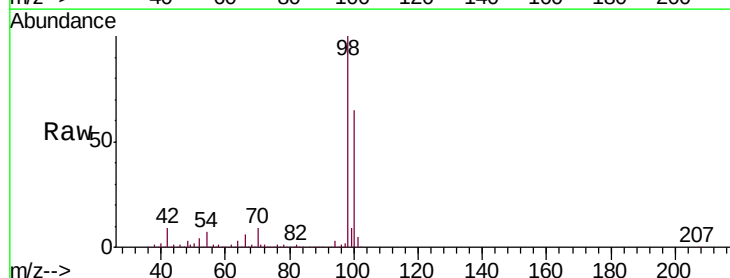
Acq: 21 Apr 2020 22:21

Tgt Ion: 98 Resp: 421054

Ion Ratio Lower Upper

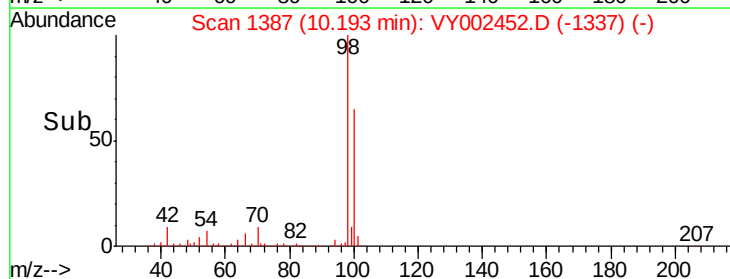
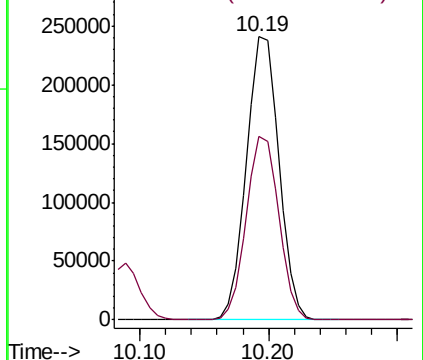
98 100

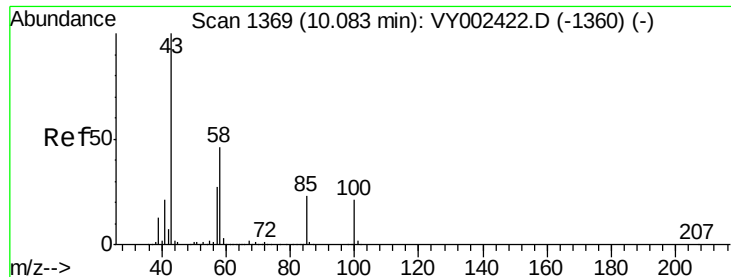
100 64.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

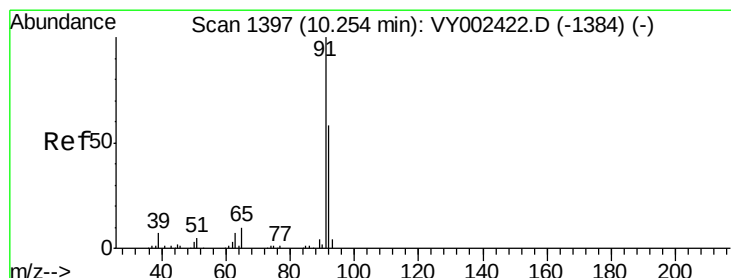
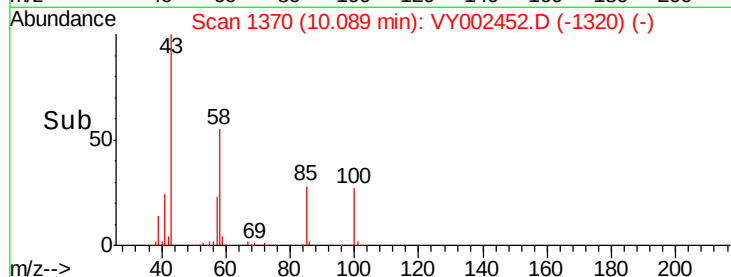
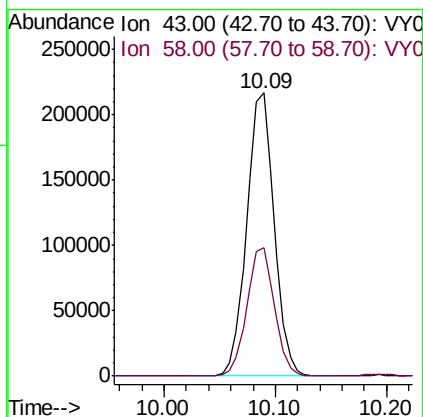
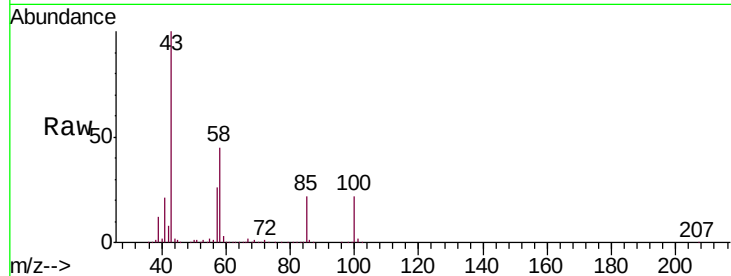




#51
 4-Methyl-2-Pentanone
 Concen: 241.251 ug/l
 RT: 10.09 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

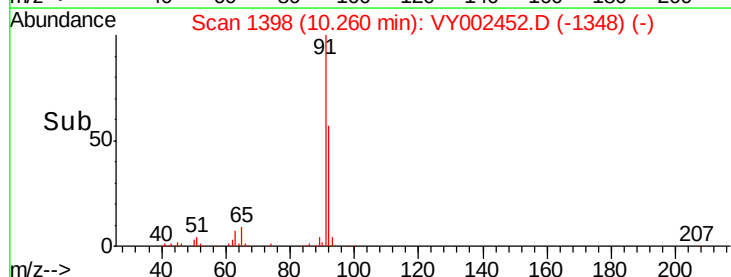
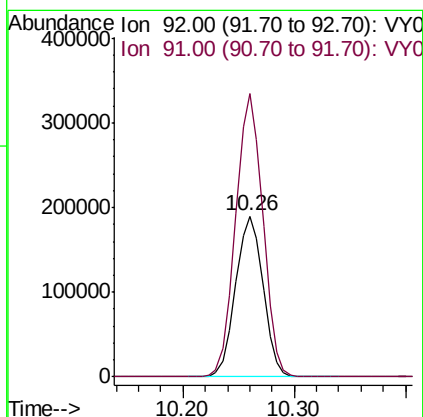
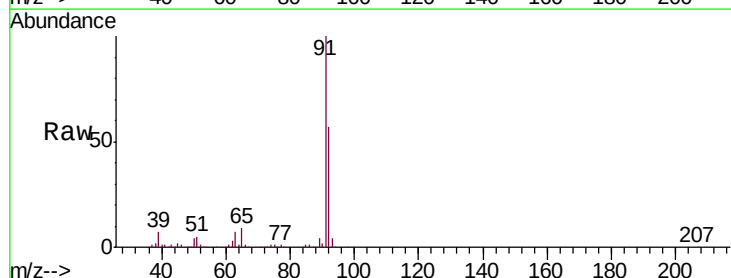
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

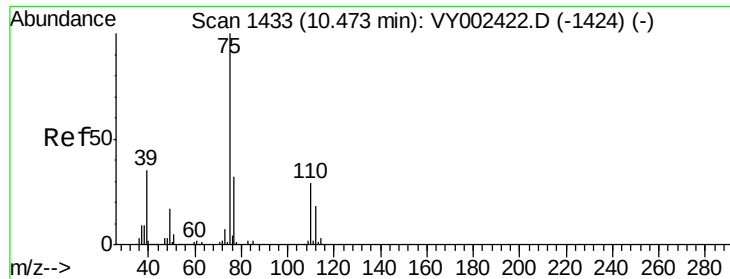
Tgt Ion: 43 Resp: 371572
 Ion Ratio Lower Upper
 43 100
 58 45.5 36.8 55.2



#52
 Toluene
 Concen: 49.310 ug/l
 RT: 10.26 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Tgt Ion: 92 Resp: 324815
 Ion Ratio Lower Upper
 92 100
 91 174.1 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 48.405 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

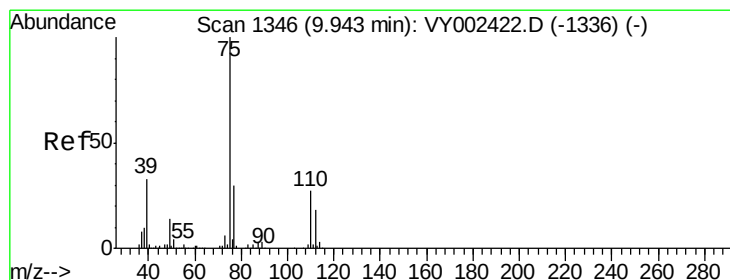
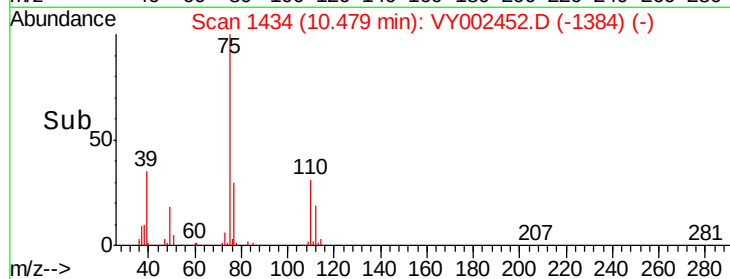
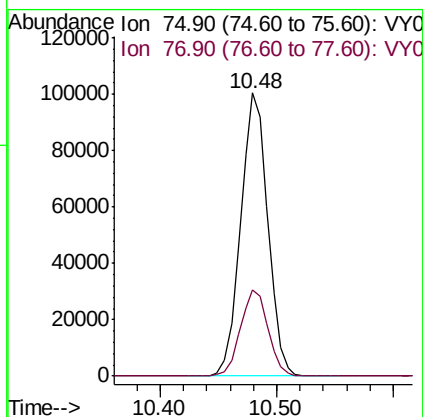
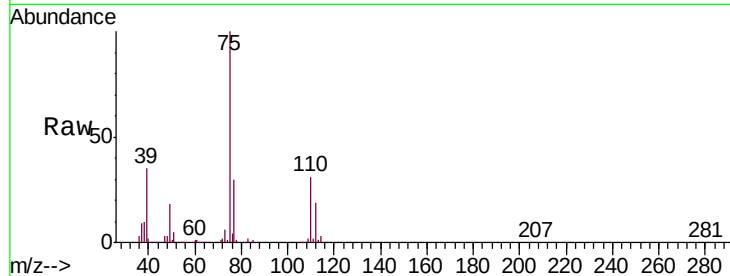
VSTDCCC050EC

Tgt Ion: 75 Resp: 162975

Ion Ratio Lower Upper

75 100

77 30.5 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 49.493 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

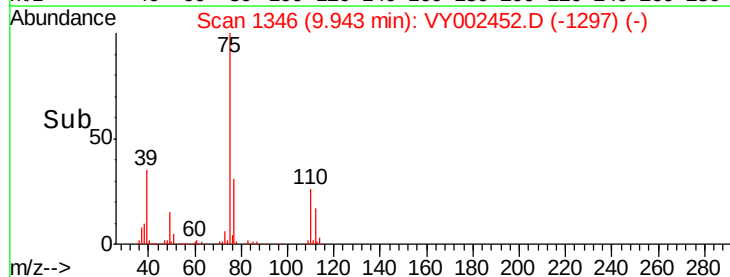
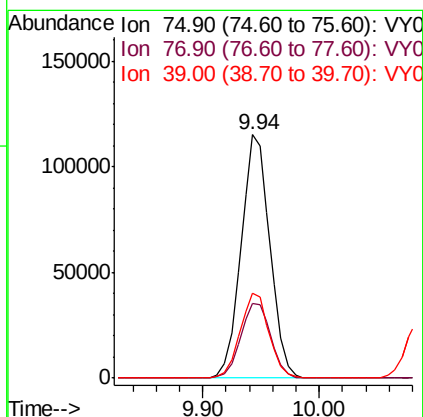
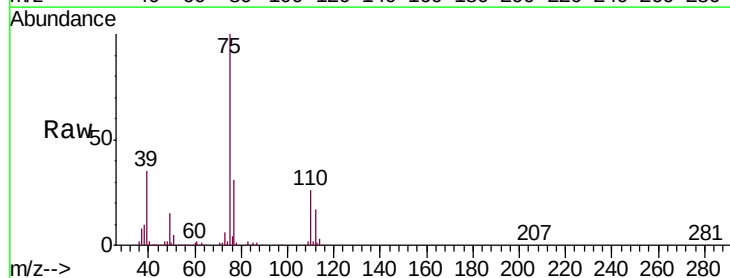
Tgt Ion: 75 Resp: 198196

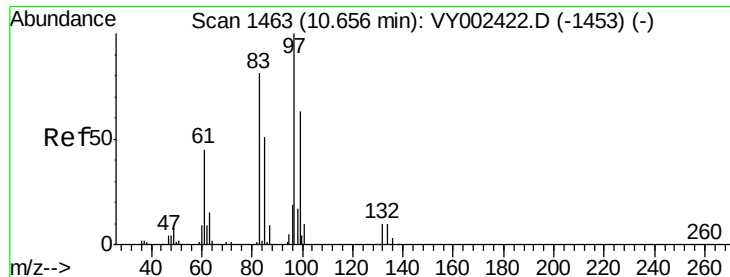
Ion Ratio Lower Upper

75 100

77 30.8 24.2 36.4

39 34.9 26.6 40.0

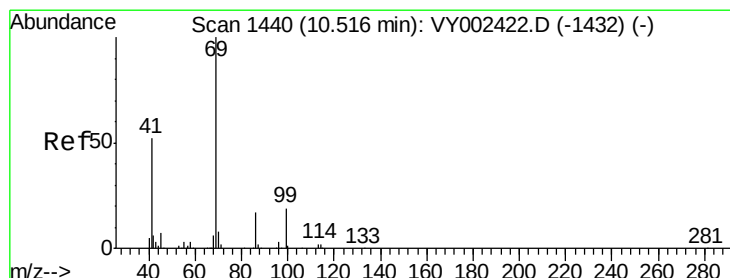
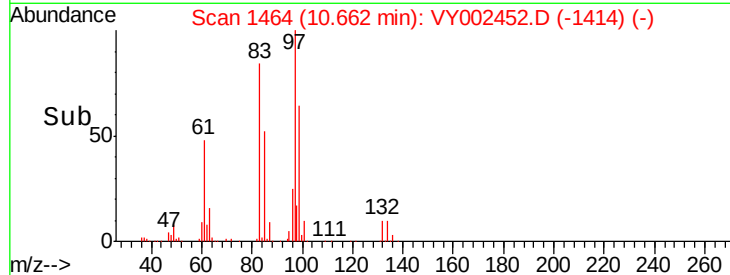
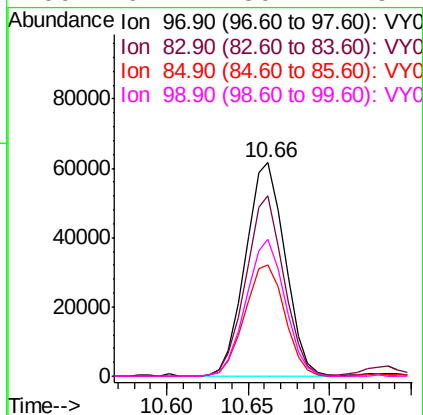
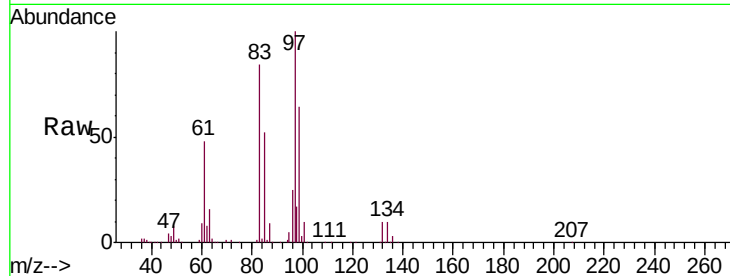




#55
 1,1,2-Trichloroethane
 Concen: 49.858 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

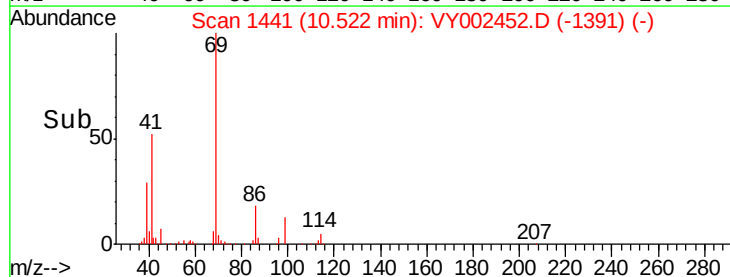
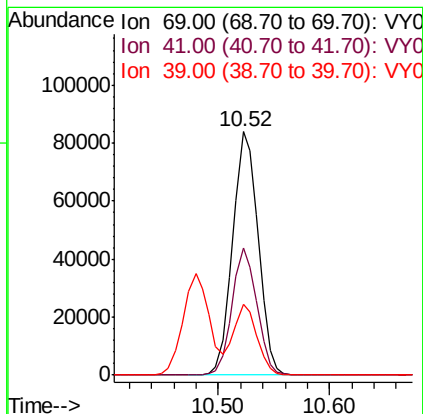
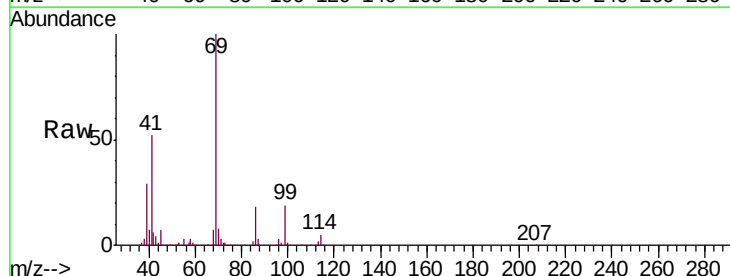
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

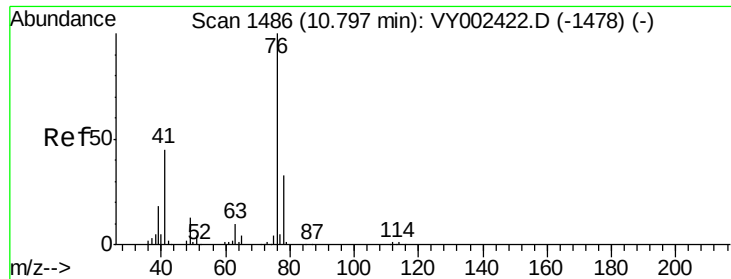
Tgt Ion:	97	Resp:	103763
Ion	Ratio	Lower	Upper
97	100		
83	84.3	64.6	96.8
85	52.0	41.1	61.7
99	64.2	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 49.646 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Tgt Ion:	69	Resp:	133081
Ion	Ratio	Lower	Upper
69	100		
41	50.7	42.0	63.0
39	26.6	21.2	31.8

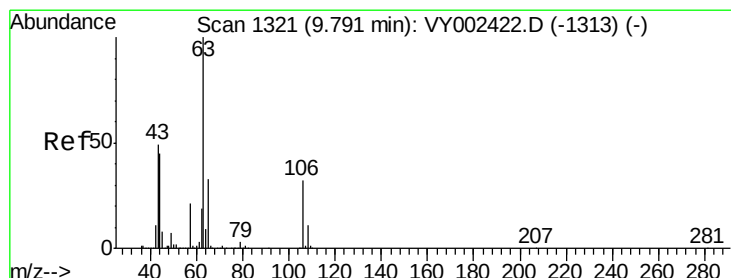
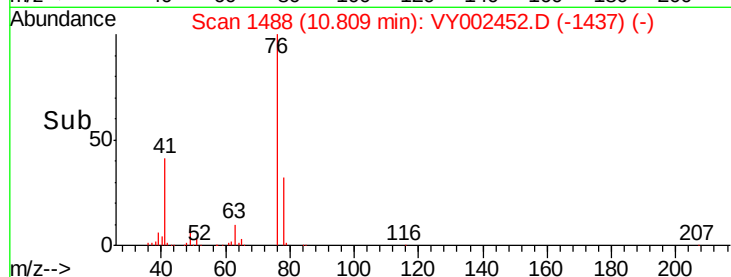
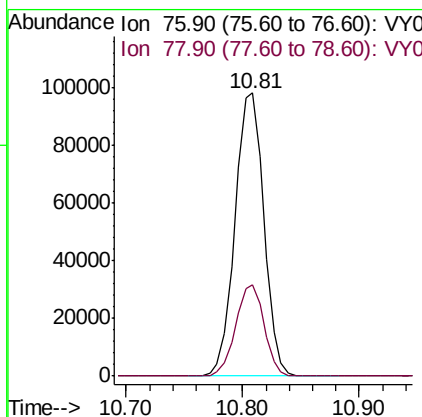
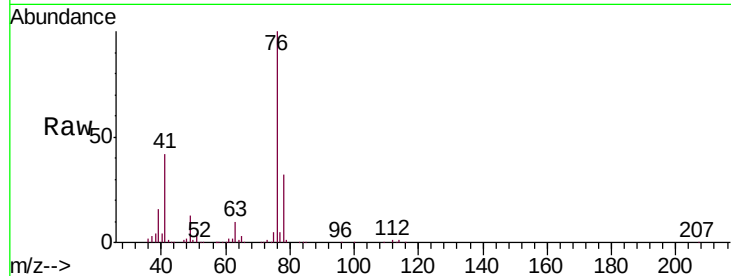




#57
 1,3-Dichloropropane
 Concen: 49.645 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

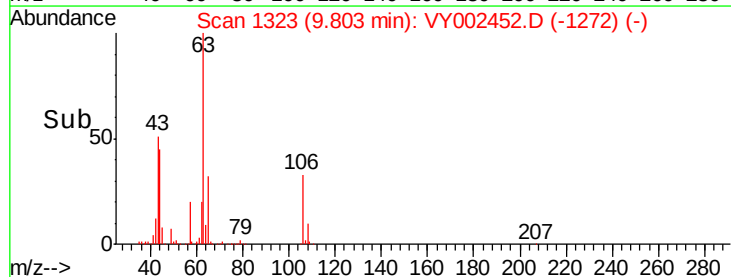
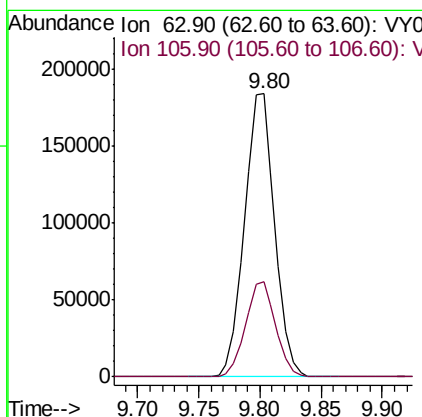
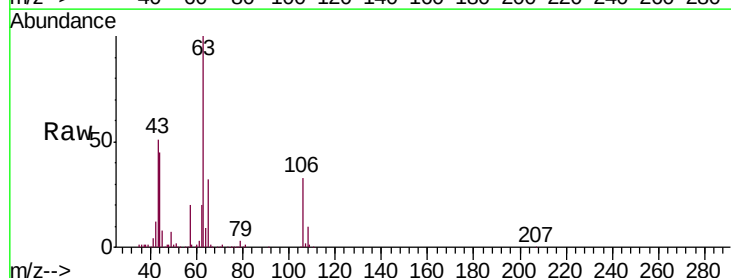
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

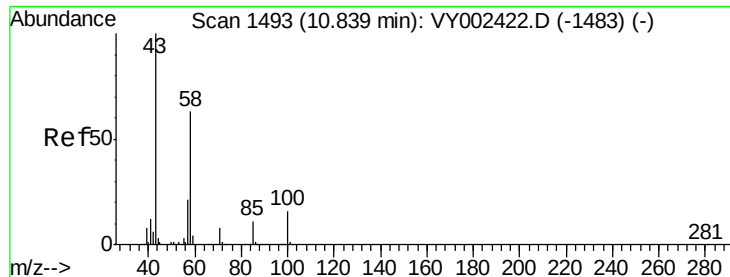
Tgt Ion: 76 Resp: 169140
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 237.552 ug/l
 RT: 9.80 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Tgt Ion: 63 Resp: 315439
 Ion Ratio Lower Upper
 63 100
 106 33.5 26.2 39.4

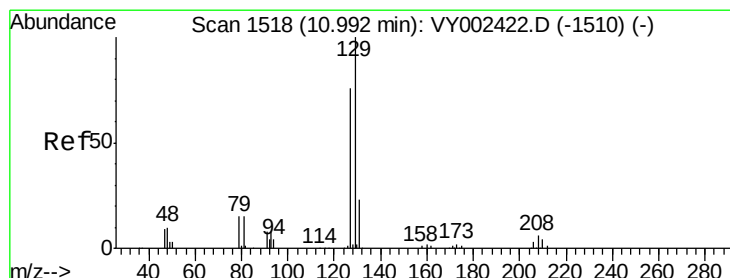
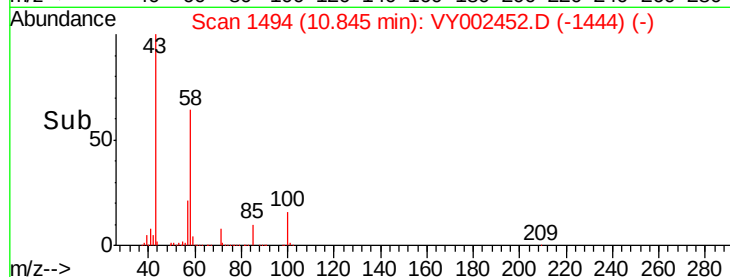
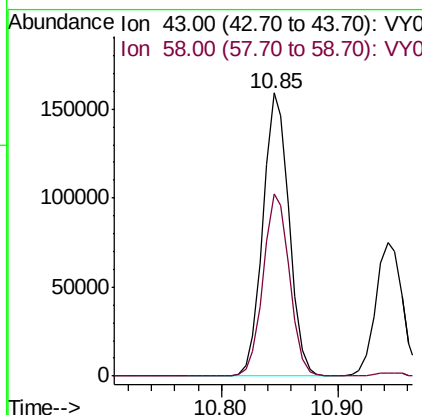
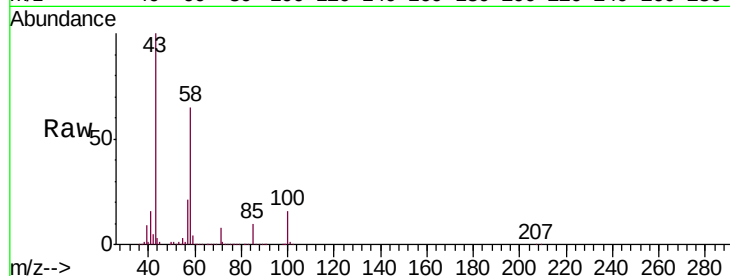




#59
2-Hexanone
Concen: 228.225 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

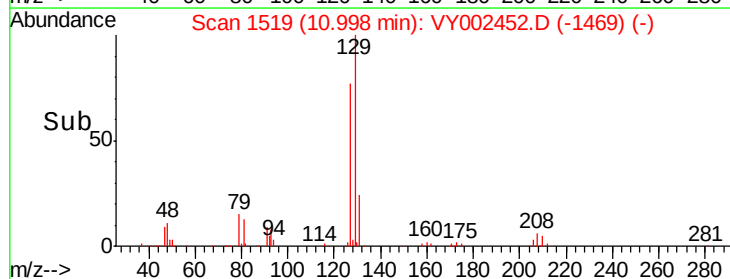
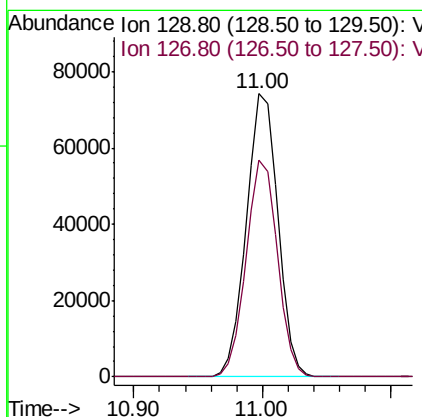
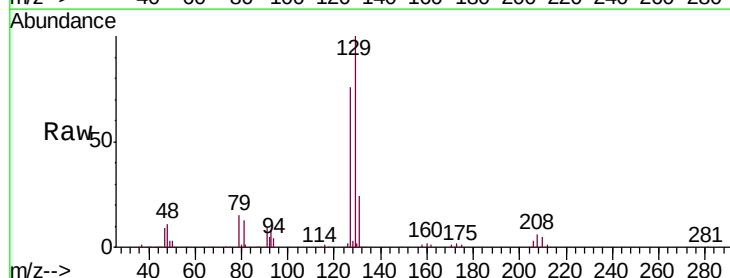
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

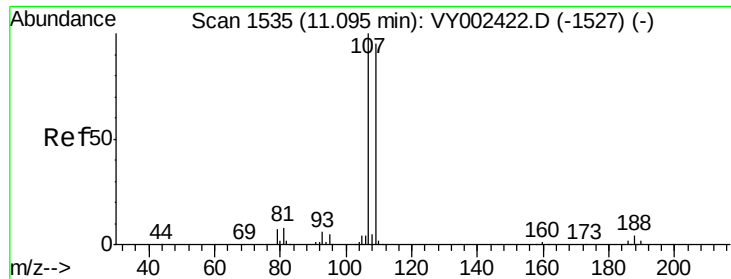
Tgt Ion: 43 Resp: 249478
Ion Ratio Lower Upper
43 100
58 64.5 32.5 97.4



#60
Dibromochloromethane
Concen: 49.974 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion: 129 Resp: 125268
Ion Ratio Lower Upper
129 100
127 75.9 38.6 115.7

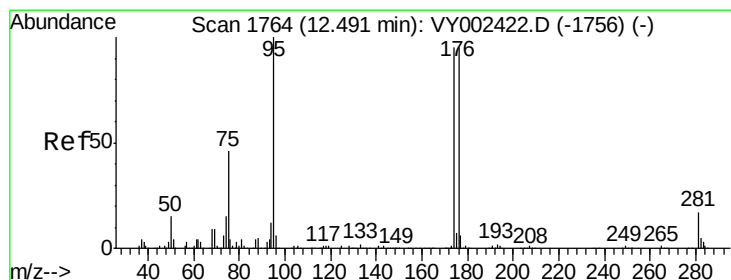
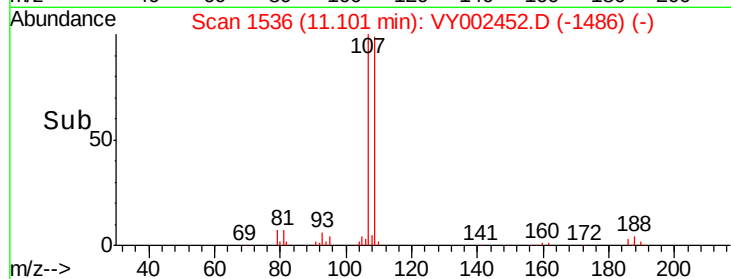
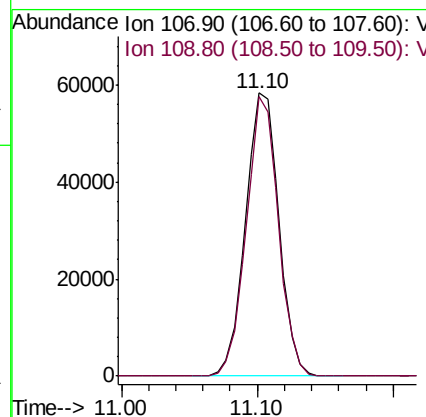
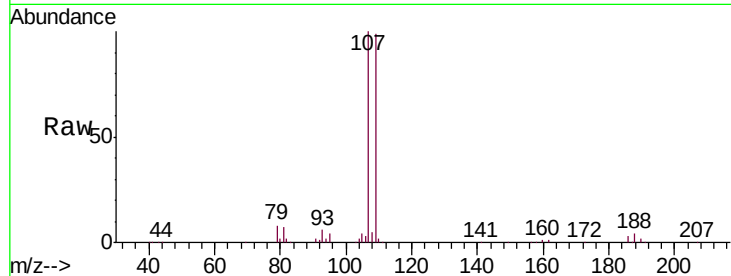




#61
 1,2-Dibromoethane
 Concen: 49.190 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

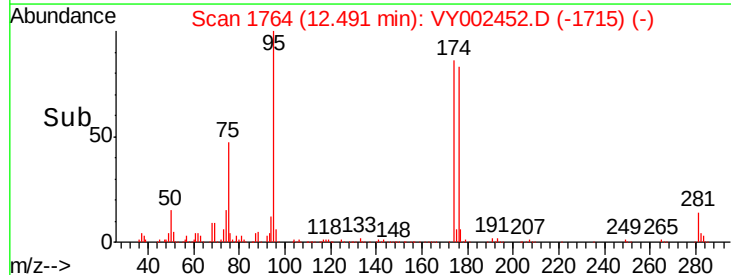
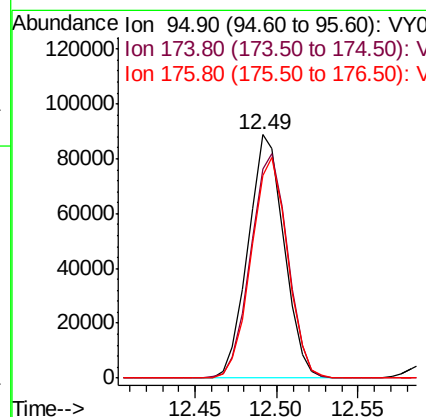
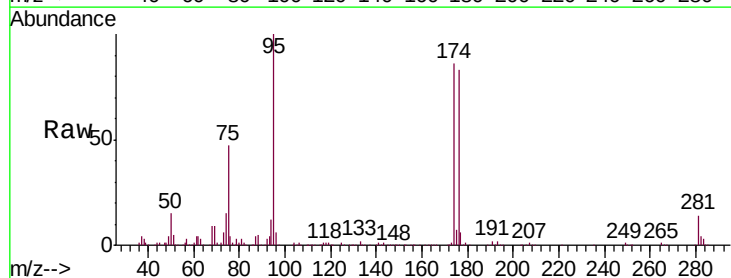
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

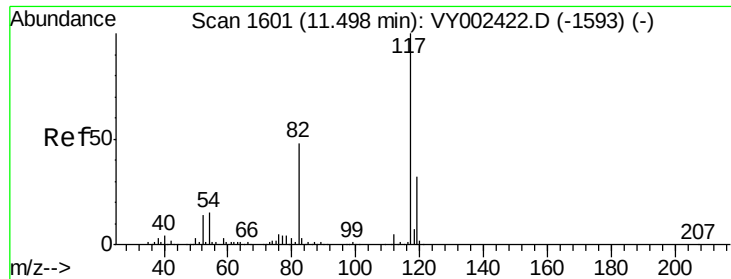
Tgt Ion: 107 Resp: 99880
 Ion Ratio Lower Upper
 107 100
 109 94.8 76.4 114.6



#62
 4-Bromofluorobenzene
 Concen: 46.271 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Tgt Ion: 95 Resp: 136590
 Ion Ratio Lower Upper
 95 100
 174 94.6 0.0 185.8
 176 91.5 0.0 181.2

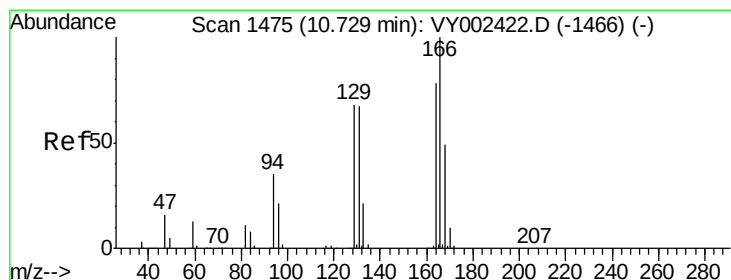
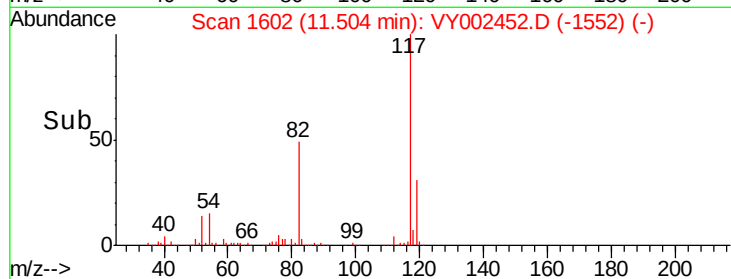
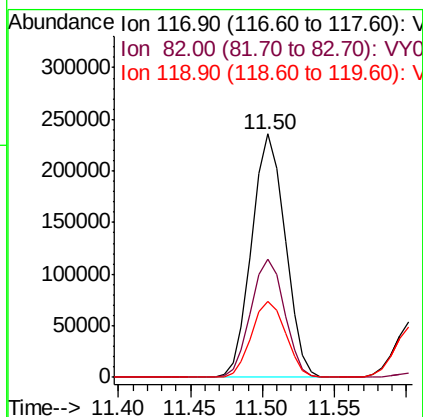
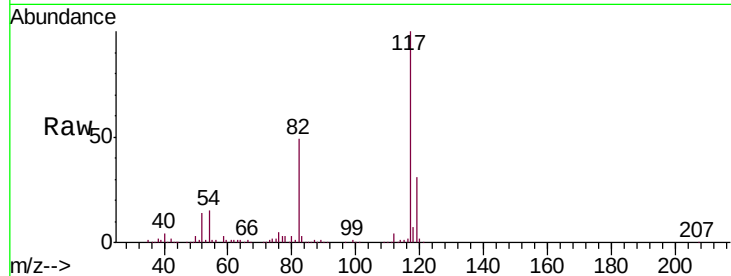




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

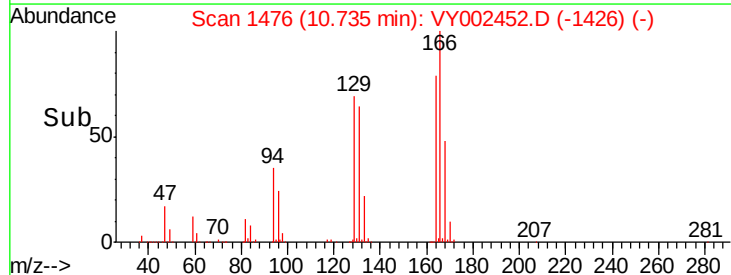
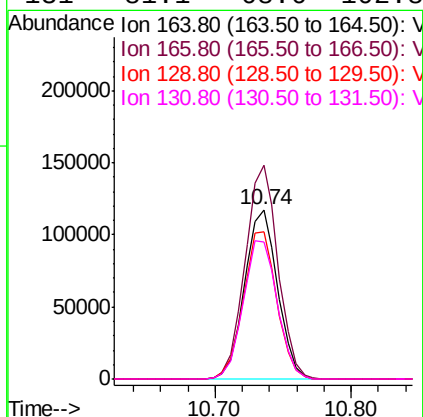
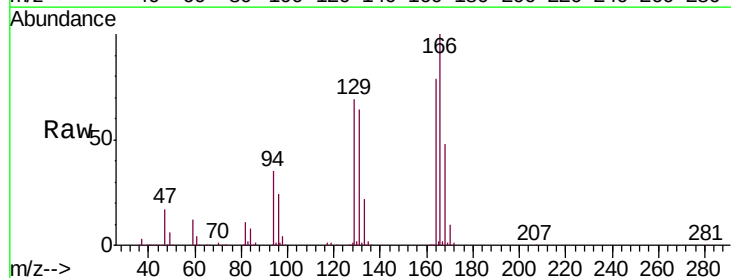
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

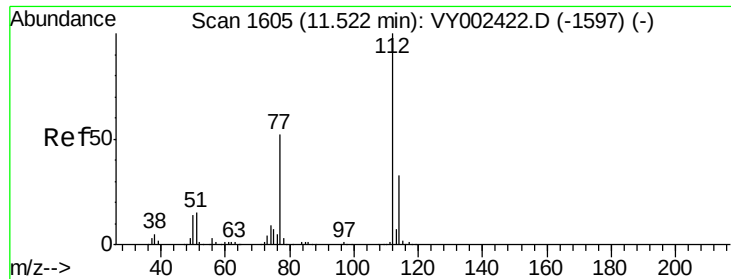
Tgt Ion:117 Resp: 379863
Ion Ratio Lower Upper
117 100
82 48.7 38.4 57.6
119 31.4 25.3 37.9



#64
Tetrachloroethene
Concen: 48.901 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion:164 Resp: 198178
Ion Ratio Lower Upper
164 100
166 126.4 102.4 153.6
129 86.8 70.1 105.1
131 81.1 68.6 102.8

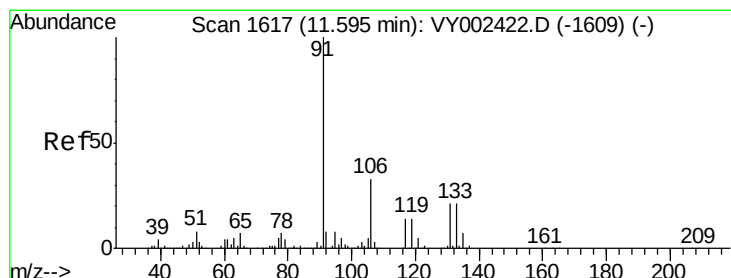
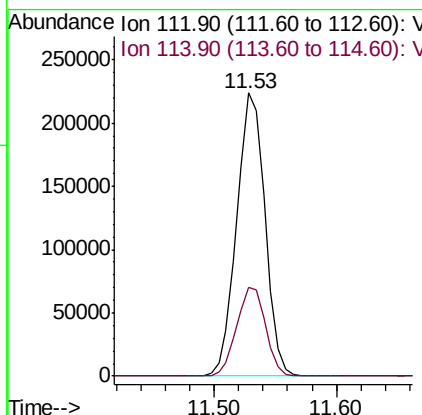
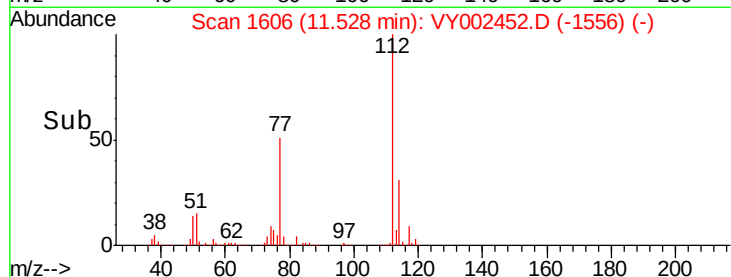
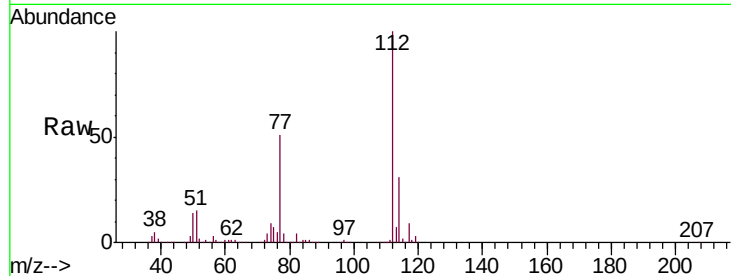




#65
Chlorobenzene
Concen: 48.970 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

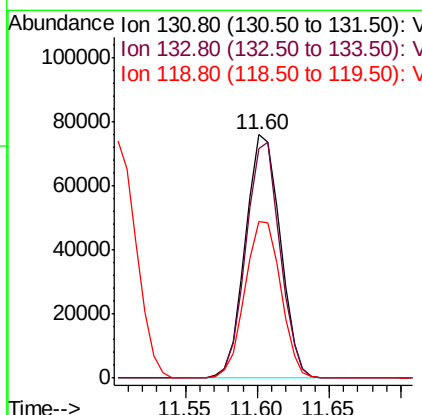
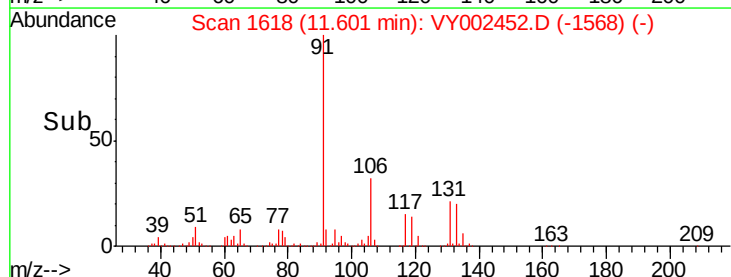
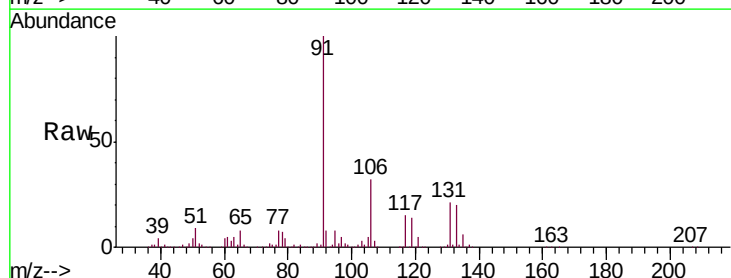
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

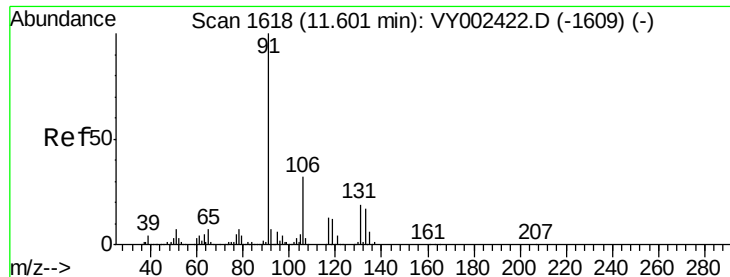
Tgt Ion:112 Resp: 356851
Ion Ratio Lower Upper
112 100
114 31.4 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 49.680 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion:131 Resp: 127721
Ion Ratio Lower Upper
131 100
133 94.1 47.9 143.8
119 66.0 33.5 100.4

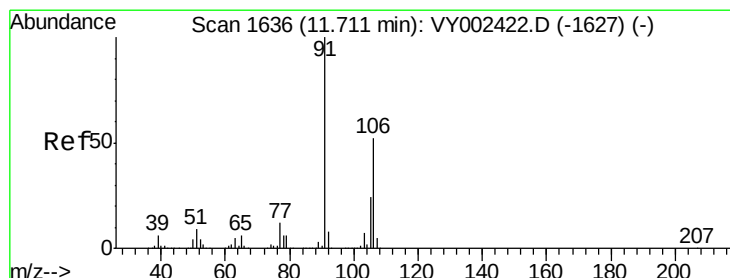
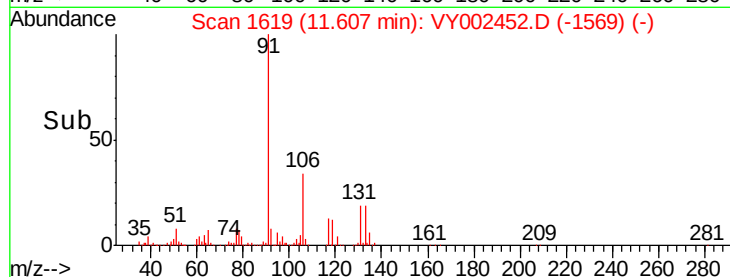
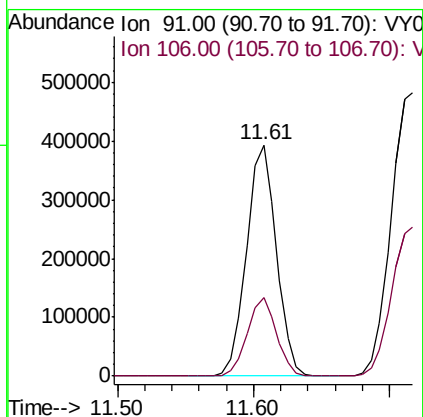
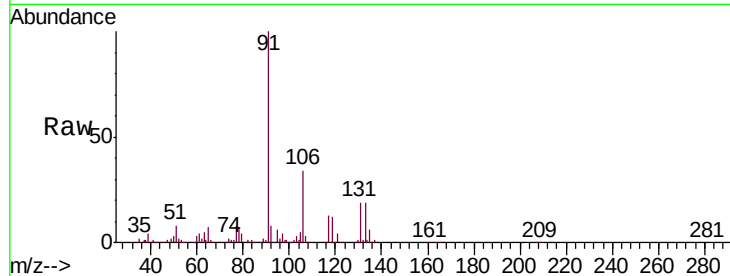




#67
Ethyl Benzene
Concen: 48.034 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

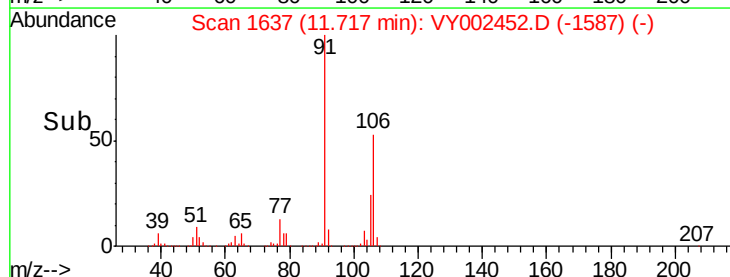
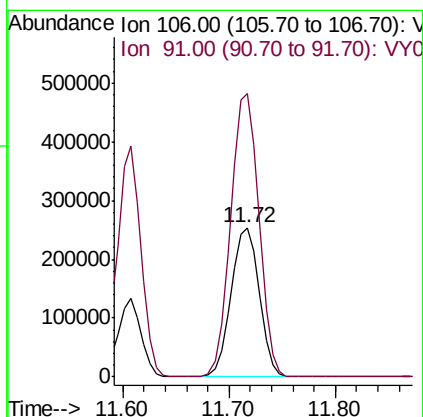
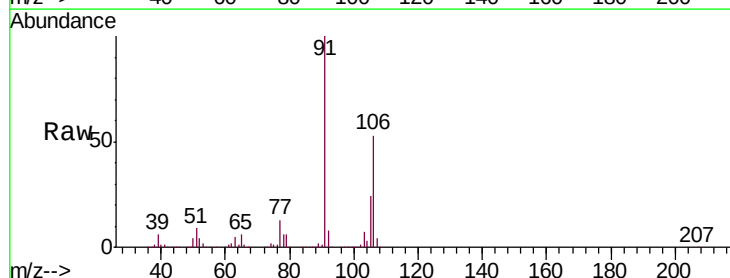
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

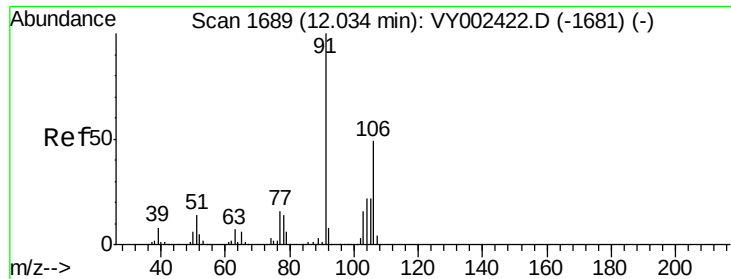
Tgt Ion: 91 Resp: 605401
Ion Ratio Lower Upper
91 100
106 33.8 25.8 38.8



#68
m/p-Xylenes
Concen: 97.002 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion: 106 Resp: 472465
Ion Ratio Lower Upper
106 100
91 190.1 153.6 230.4

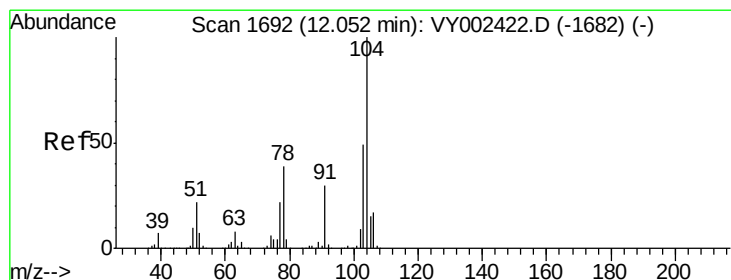
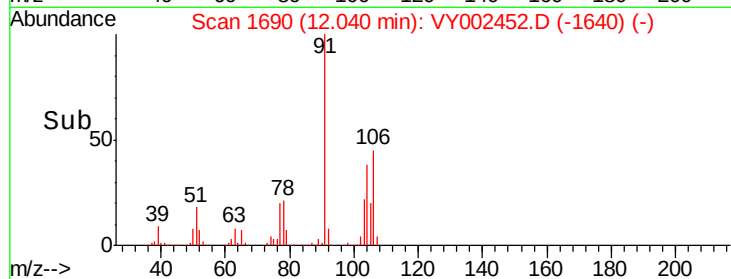
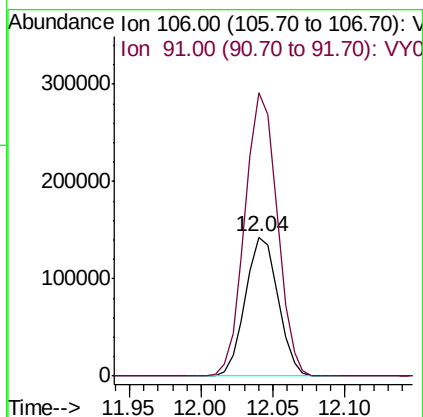
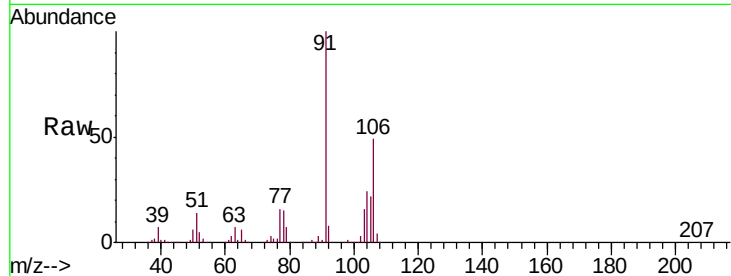




#69
o-Xylene
Concen: 49.043 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

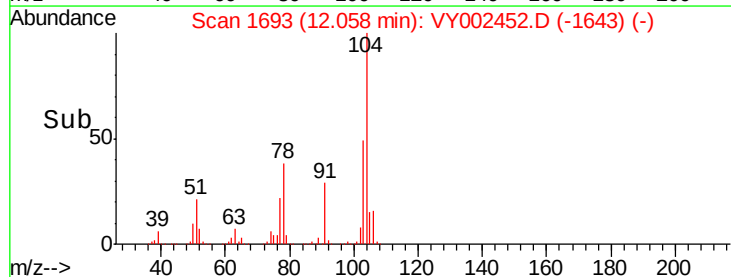
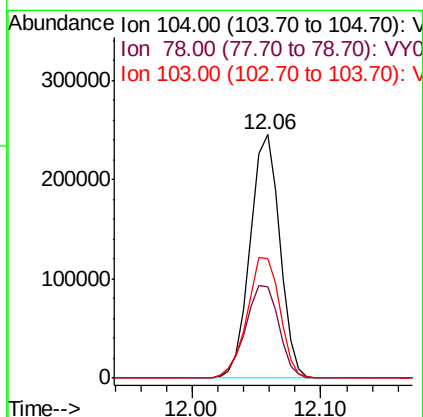
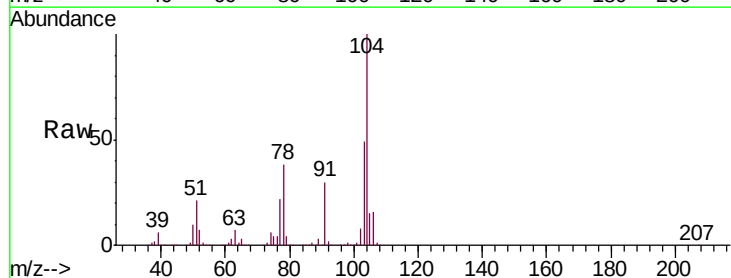
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

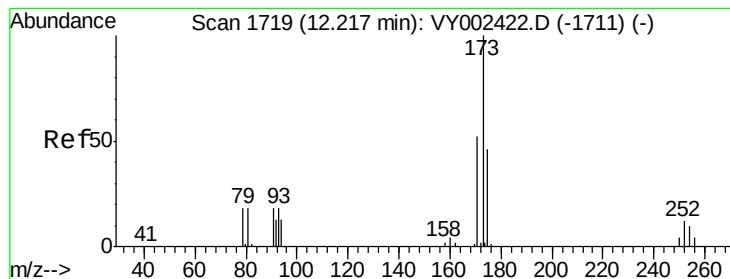
Tgt Ion:106 Resp: 225050
Ion Ratio Lower Upper
106 100
91 202.2 100.4 301.2



#70
Styrene
Concen: 49.361 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion:104 Resp: 387761
Ion Ratio Lower Upper
104 100
78 43.3 34.5 51.7
103 55.0 43.4 65.2





#71

Bromoform

Concen: 48.652 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.01 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

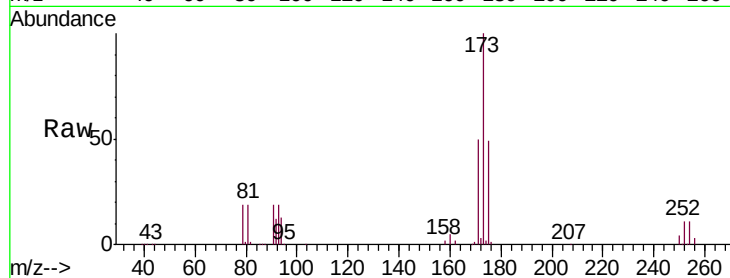
Tgt Ion:173 Resp: 76539

Ion Ratio Lower Upper

173 100

175 49.2 23.9 71.7

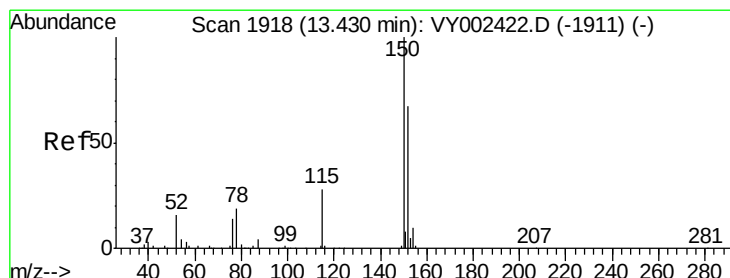
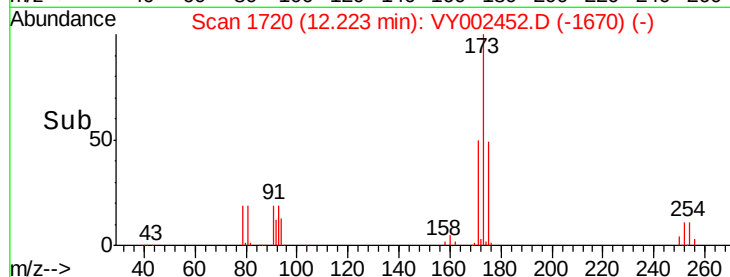
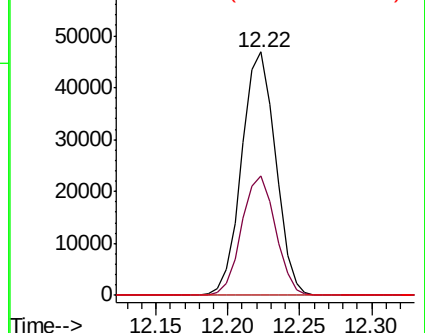
254 0.0 0.1 0.1#



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. 0.01 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

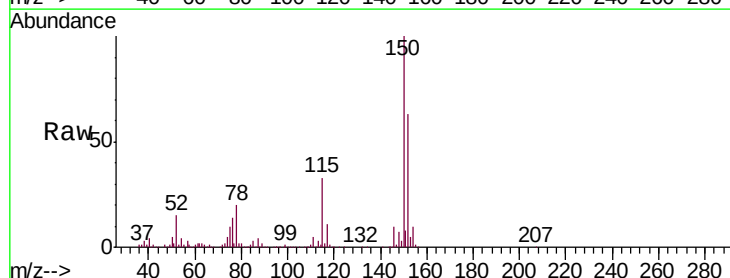
Tgt Ion:152 Resp: 180957

Ion Ratio Lower Upper

152 100

115 53.5 27.3 81.8

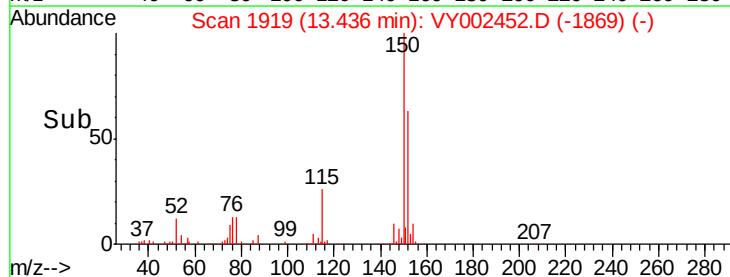
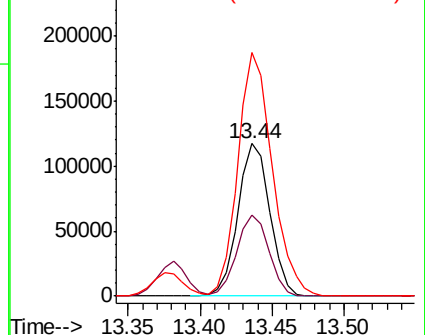
150 171.6 0.0 344.0

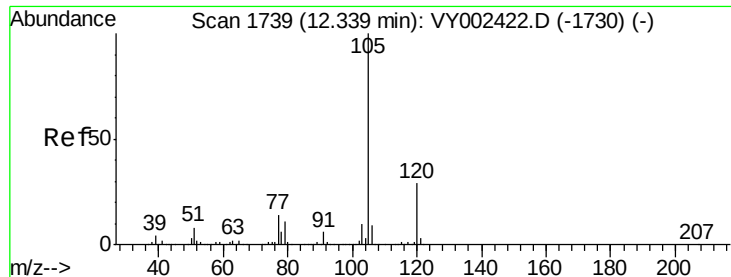


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

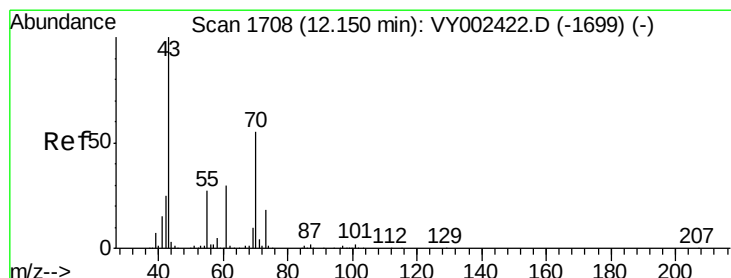
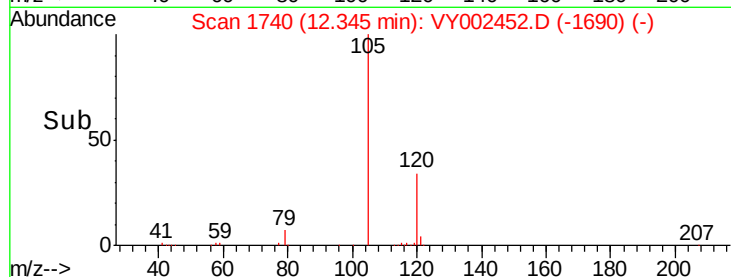
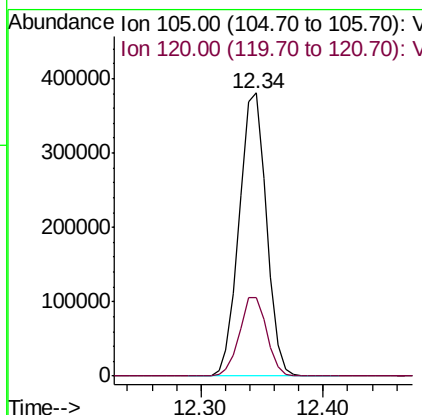
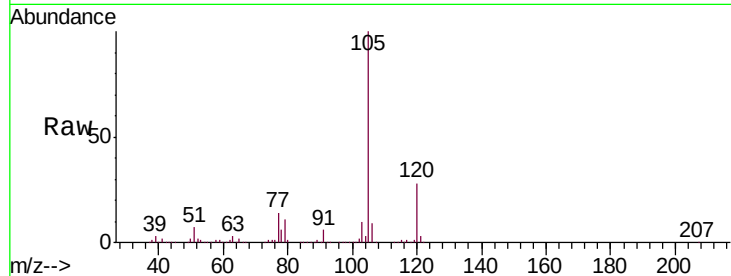




#73
Isopropylbenzene
Concen: 49.300 ug/l
RT: 12.34 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

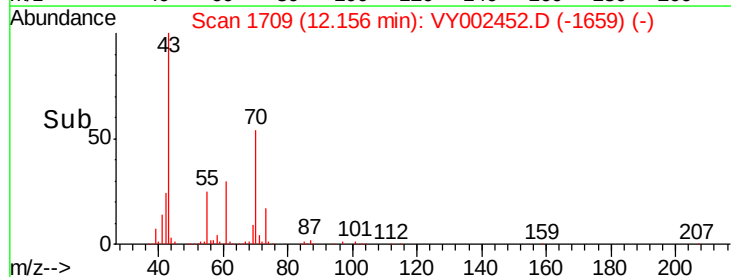
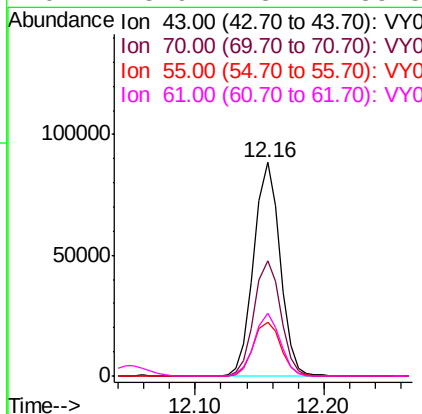
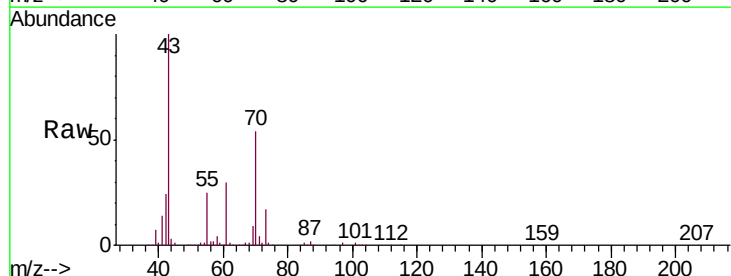
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

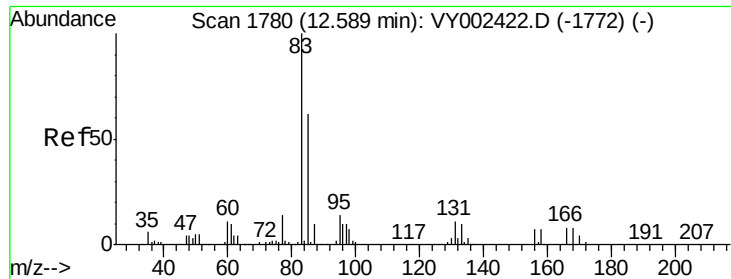
Tgt Ion: 105 Resp: 585486
Ion Ratio Lower Upper
105 100
120 27.9 13.9 41.7



#74
N-ethyl acetate
Concen: 47.904 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion: 43 Resp: 124357
Ion Ratio Lower Upper
43 100
70 54.6 42.6 63.8
55 26.6 21.0 31.4
61 28.9 23.7 35.5





#75

1,1,2,2-Tetrachloroethane

Concen: 46.154 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

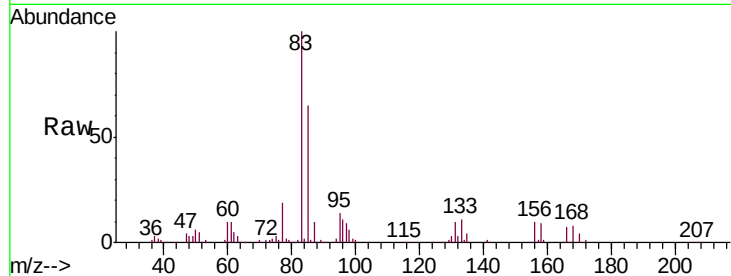
Tgt Ion: 83 Resp: 67481

Ion Ratio Lower Upper

83 100

131 11.2 5.9 17.6

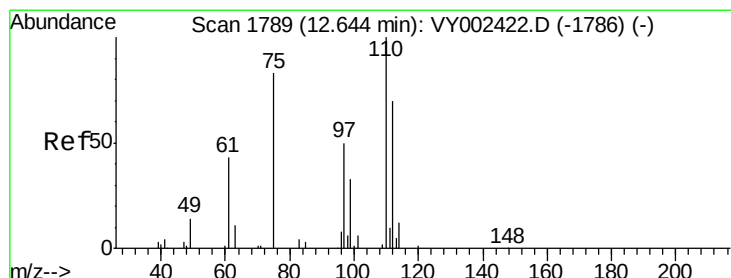
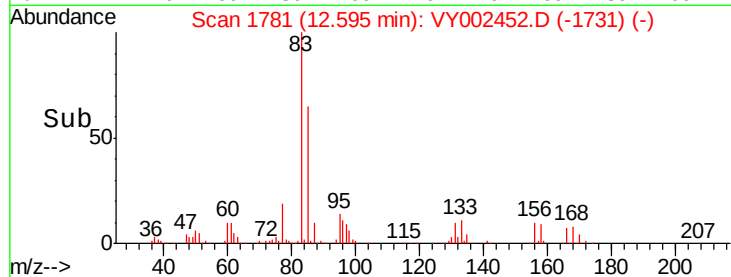
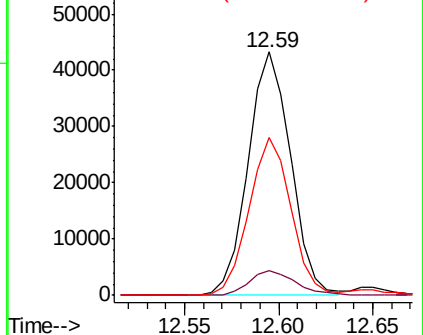
85 64.2 32.6 98.0



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: 87.316 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VY002452.D

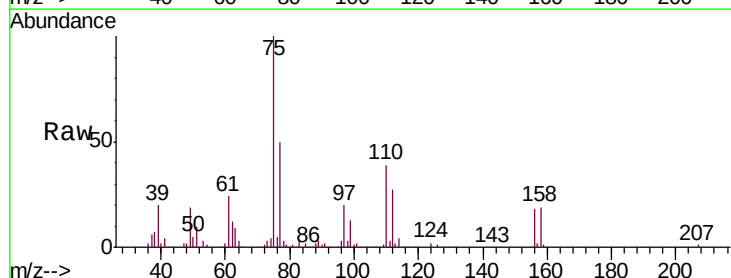
Acq: 21 Apr 2020 22:21

Tgt Ion: 75 Resp: 139199

Ion Ratio Lower Upper

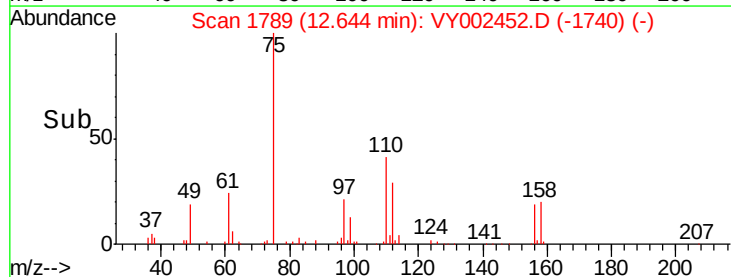
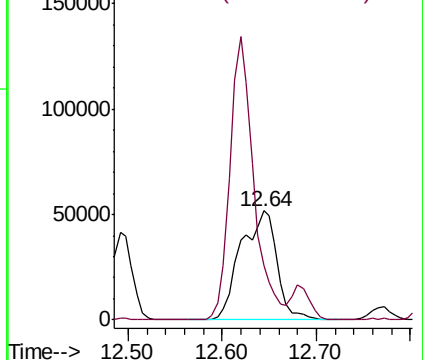
75 100

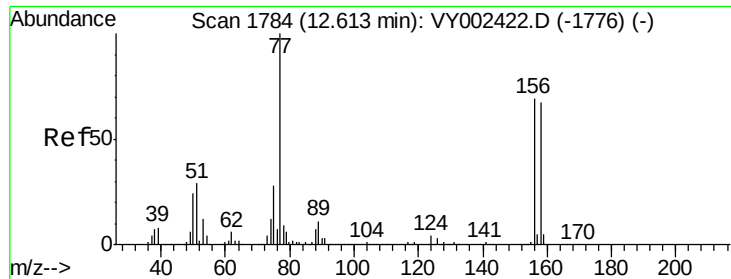
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 50.693 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

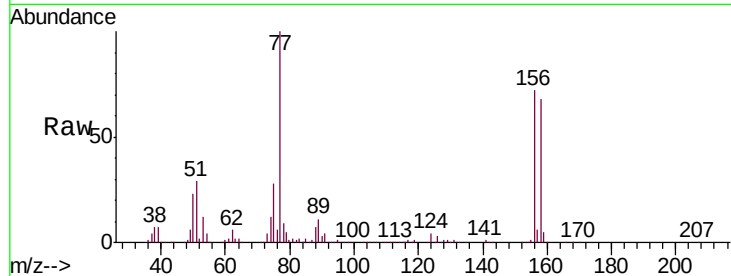
Tgt Ion:156 Resp: 151670

Ion Ratio Lower Upper

156 100

77 156.7 80.2 240.6

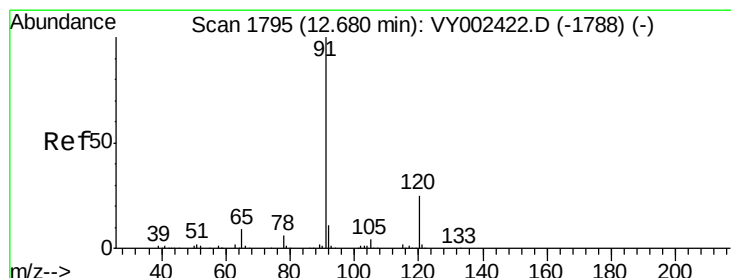
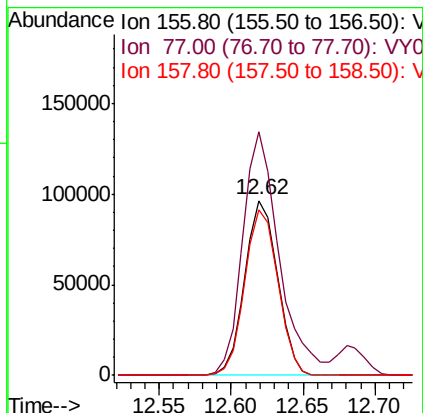
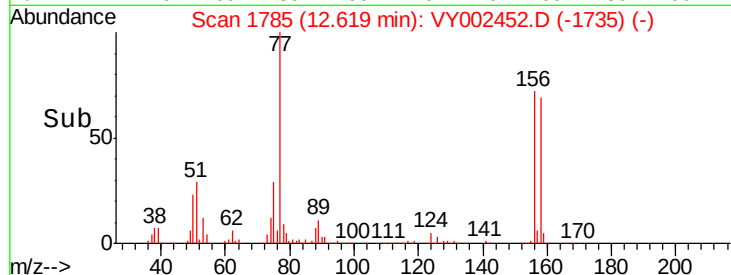
158 96.3 48.4 145.0



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: 48.369 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY002452.D

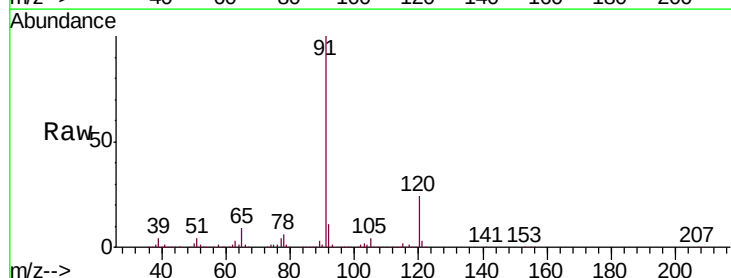
Acq: 21 Apr 2020 22:21

Tgt Ion: 91 Resp: 678530

Ion Ratio Lower Upper

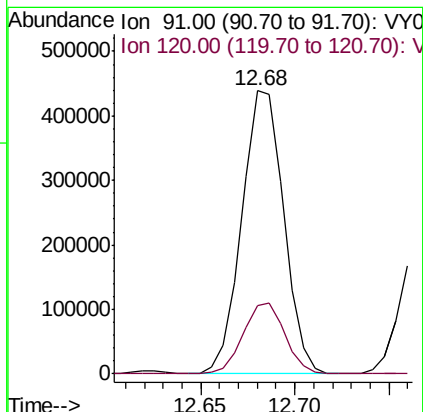
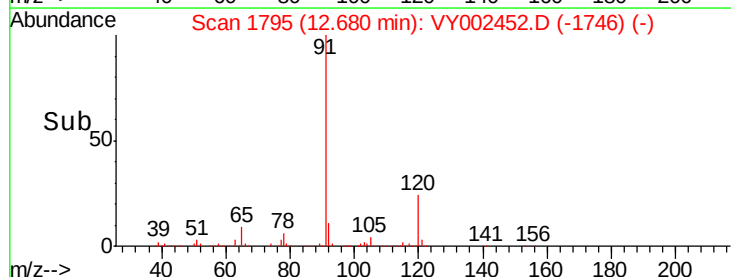
91 100

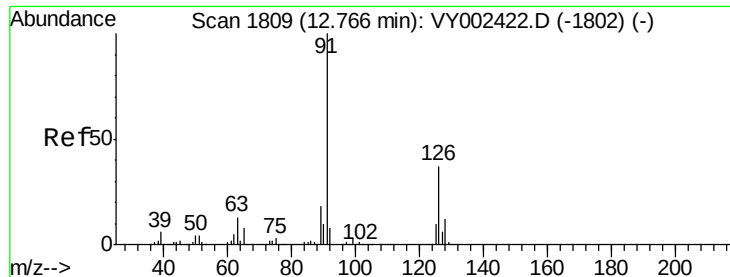
120 24.8 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

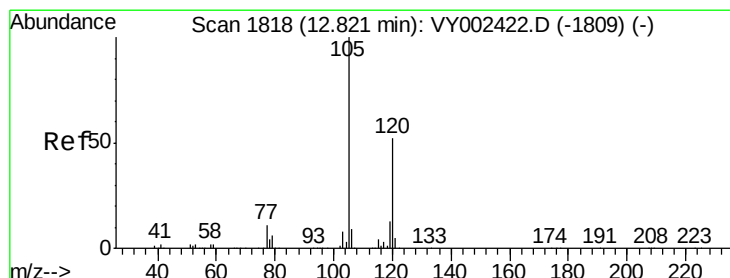
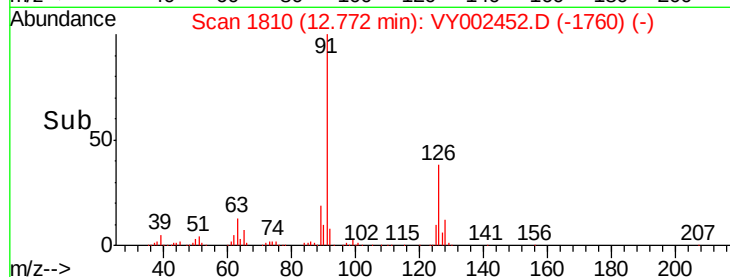
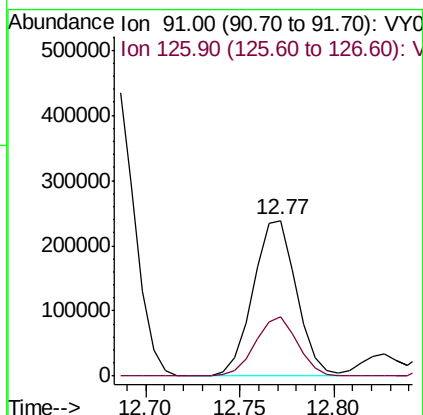
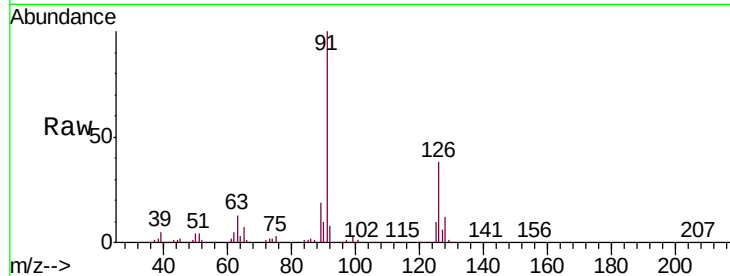




#79
 2-Chlorotoluene
 Concen: 49.570 ug/l
 RT: 12.77 min Scan# 1810
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

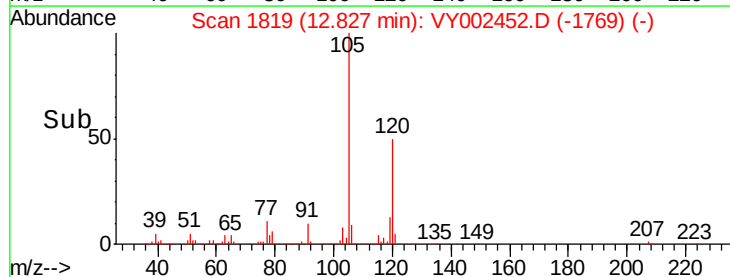
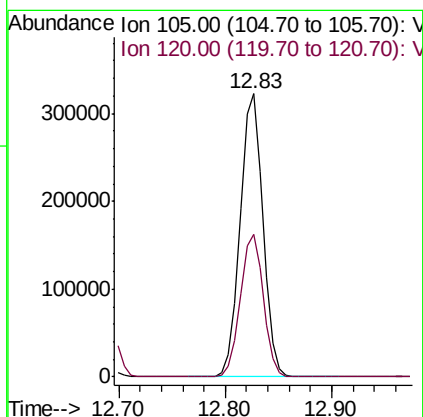
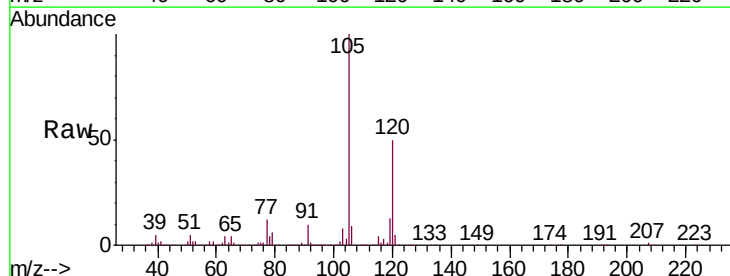
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

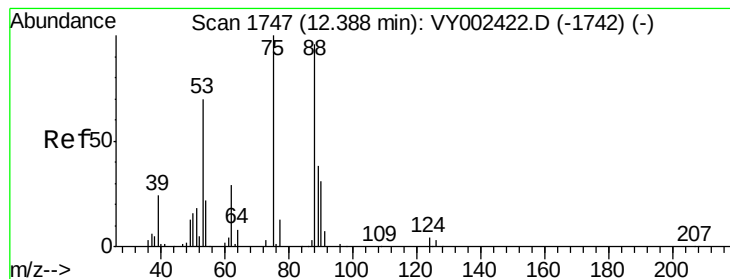
Tgt Ion: 91 Resp: 379671
 Ion Ratio Lower Upper
 91 100
 126 37.4 18.8 56.4



#80
 1,3,5-Trimethylbenzene
 Concen: 49.516 ug/l
 RT: 12.83 min Scan# 1819
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Tgt Ion: 105 Resp: 484872
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.9 77.6





#81

trans-1,4-Dichloro-2-butene

Concen: 47.172 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

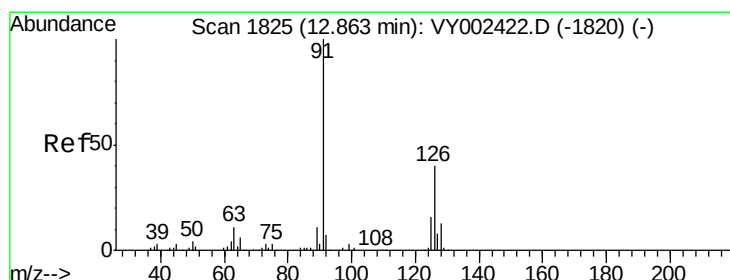
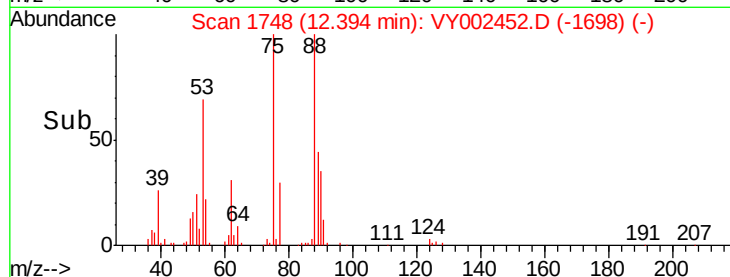
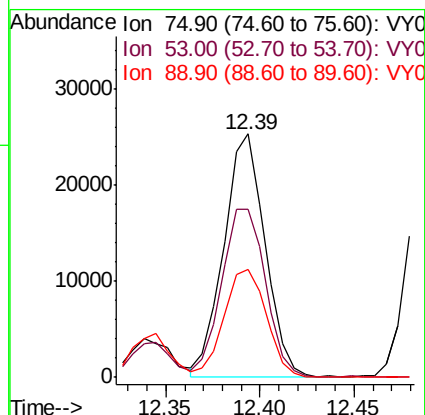
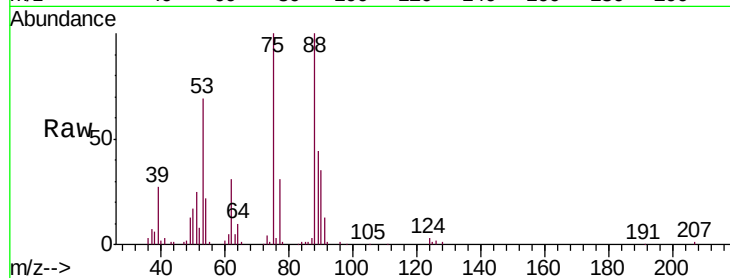
Tgt Ion: 75 Resp: 38586

Ion Ratio Lower Upper

75 100

53 73.2 58.7 88.1

89 45.8 37.9 56.9



#82

4-Chlorotoluene

Concen: 48.315 ug/l

RT: 12.87 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VY002452.D

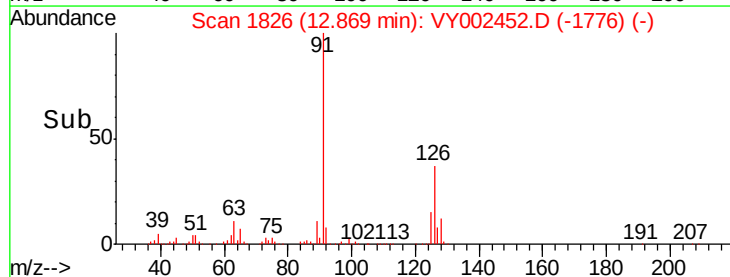
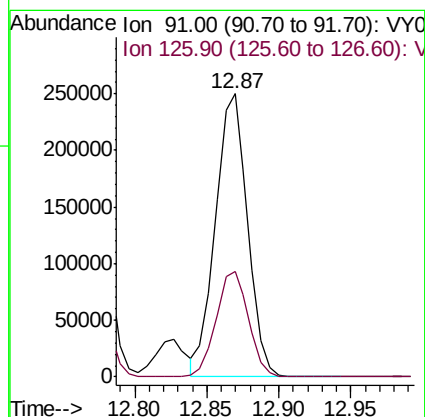
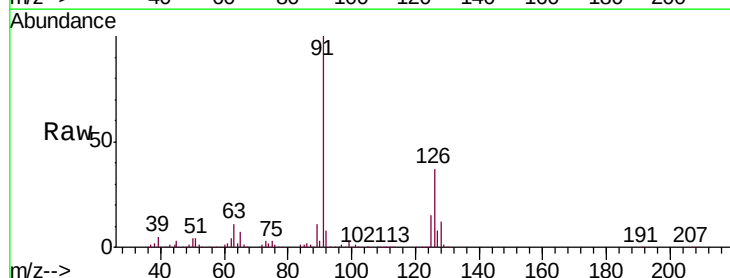
Acq: 21 Apr 2020 22:21

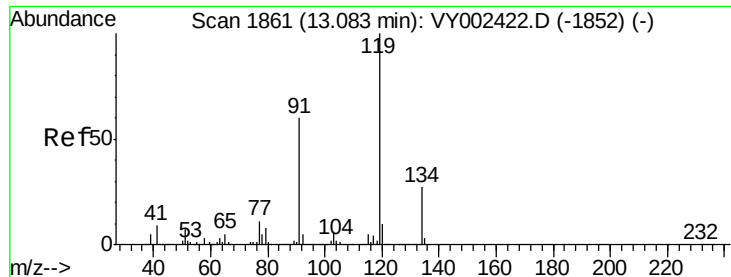
Tgt Ion: 91 Resp: 388950

Ion Ratio Lower Upper

91 100

126 37.8 0.0 0.0#

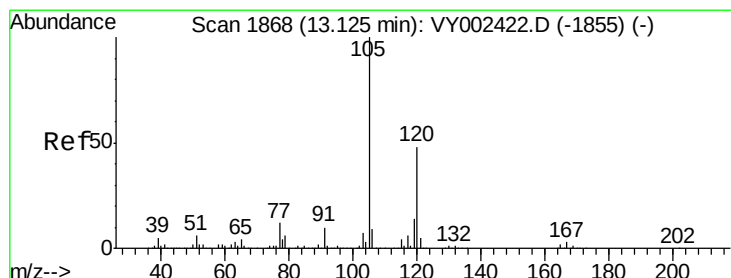
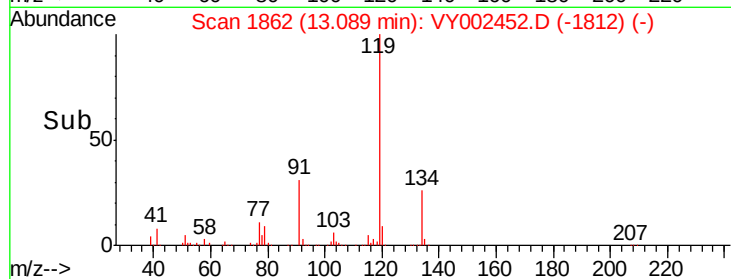
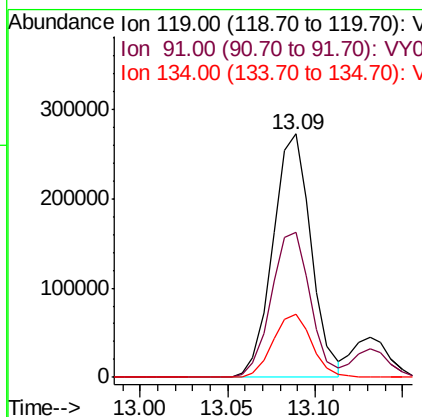
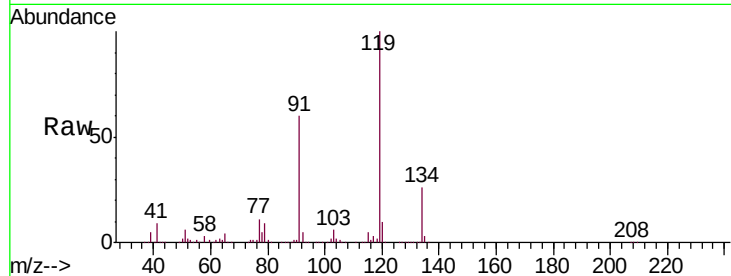




#83
 tert-Butylbenzene
 Concen: 48.884 ug/l
 RT: 13.09 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

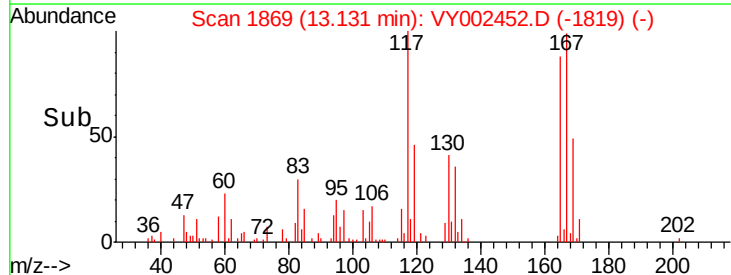
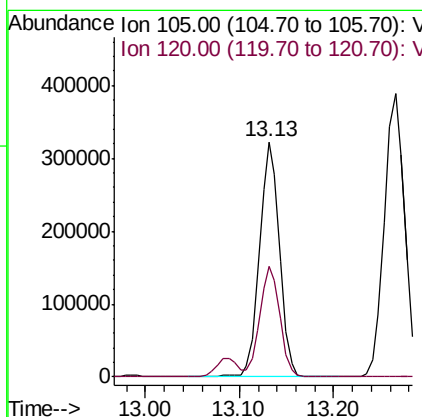
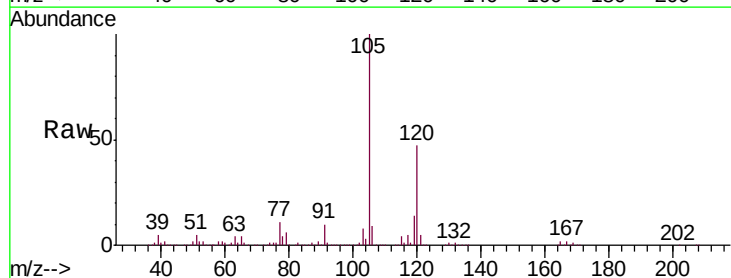
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

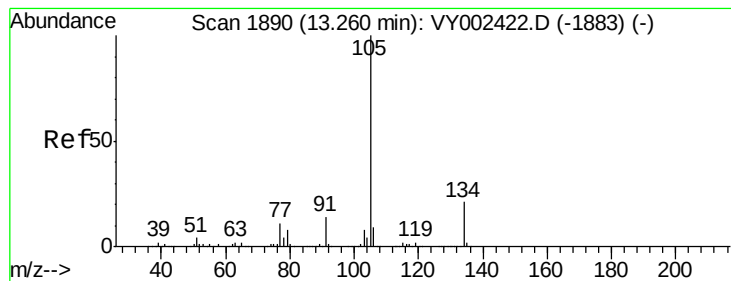
Tgt Ion:119 Resp: 415573
 Ion Ratio Lower Upper
 119 100
 91 61.0 30.2 90.6
 134 26.6 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 49.171 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Tgt Ion:105 Resp: 482353
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.9 71.7





#85

sec-Butylbenzene

Concen: 48.270 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

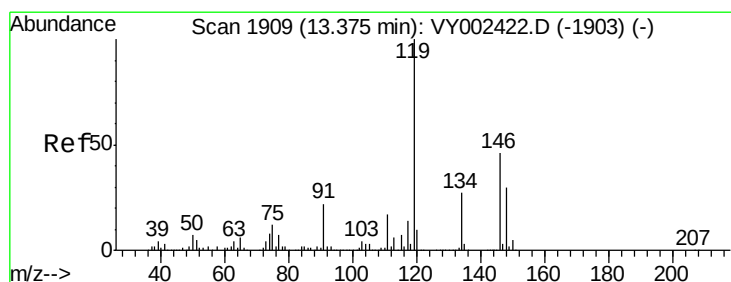
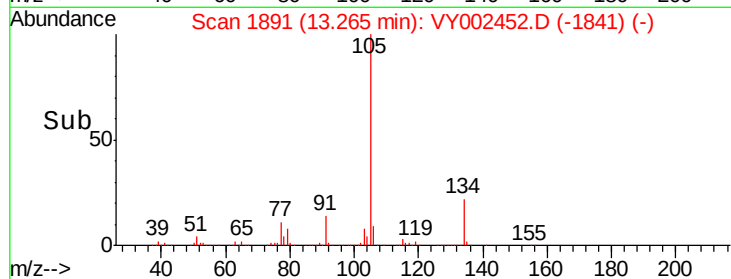
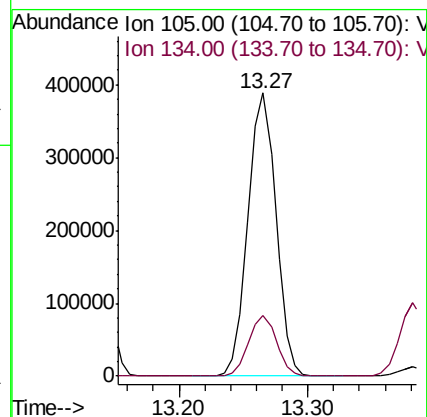
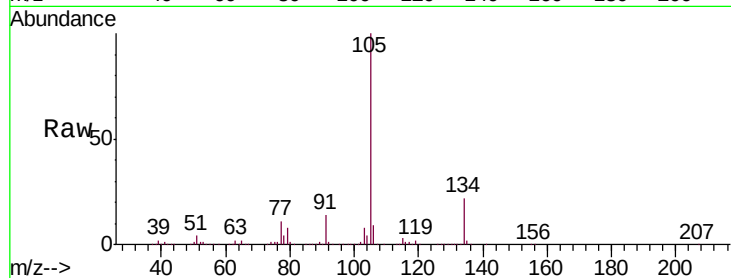
VSTDCCC050EC

Tgt Ion:105 Resp: 583880

Ion Ratio Lower Upper

105 100

134 21.4 10.5 31.6



#86

p-Isopropyltoluene

Concen: 48.316 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

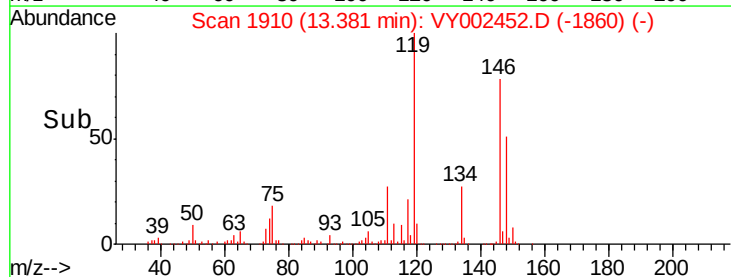
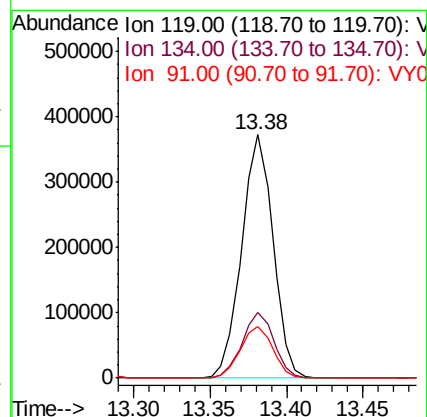
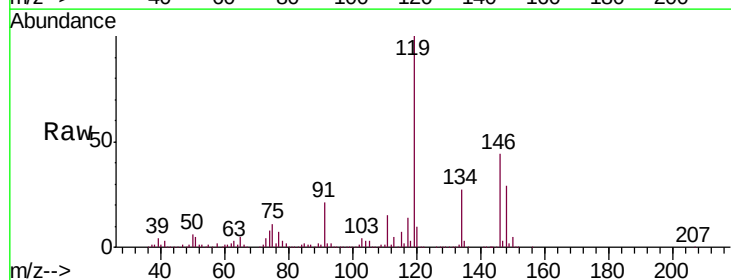
Tgt Ion:119 Resp: 530071

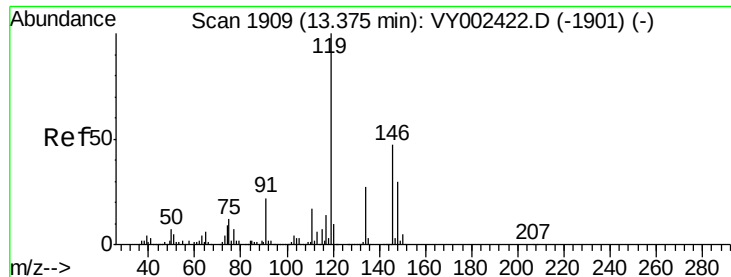
Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

91 21.8 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 49.149 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

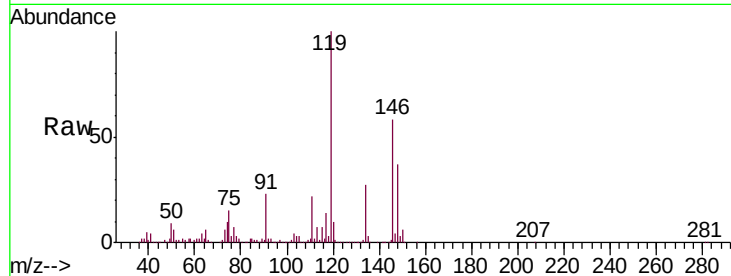
Tgt Ion:146 Resp: 273532

Ion Ratio Lower Upper

146 100

111 36.6 18.6 55.8

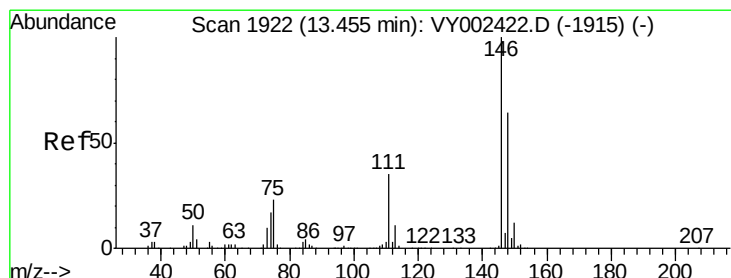
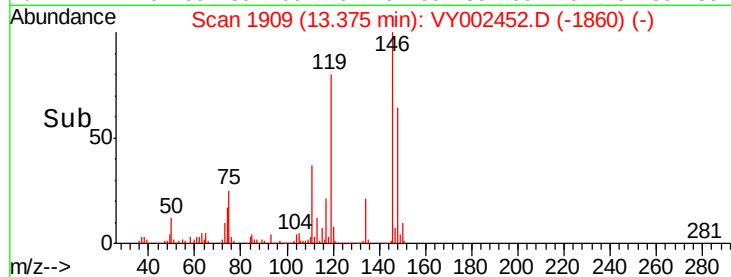
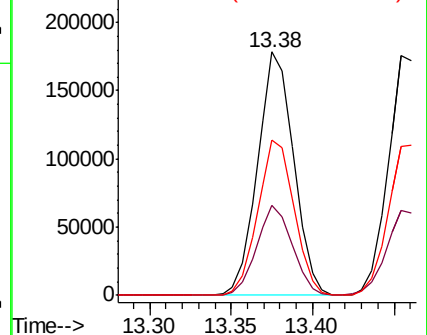
148 64.3 31.8 95.3



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: 48.666 ug/l

RT: 13.45 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VY002452.D

Acq: 21 Apr 2020 22:21

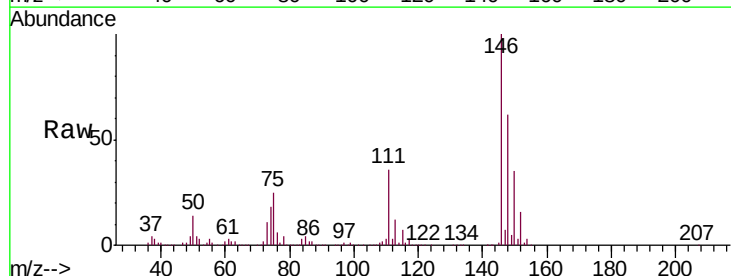
Tgt Ion:146 Resp: 274135

Ion Ratio Lower Upper

146 100

111 36.2 17.9 53.8

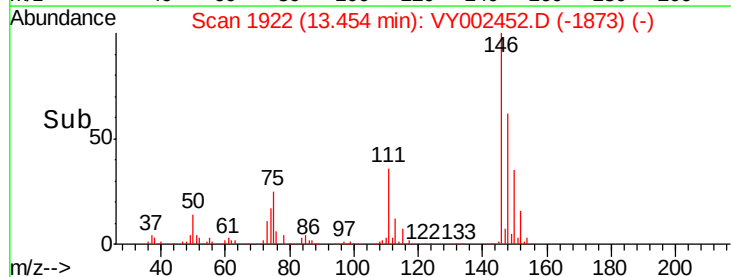
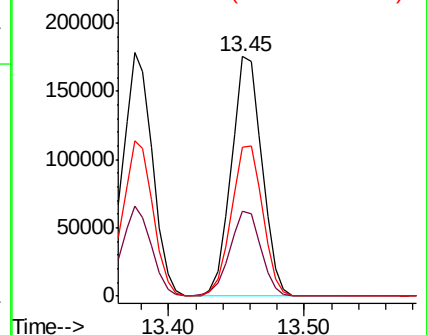
148 64.5 32.1 96.3

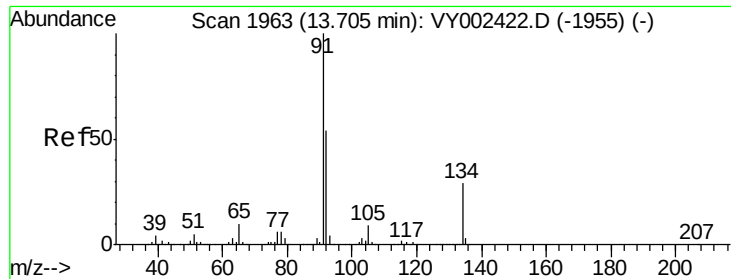


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

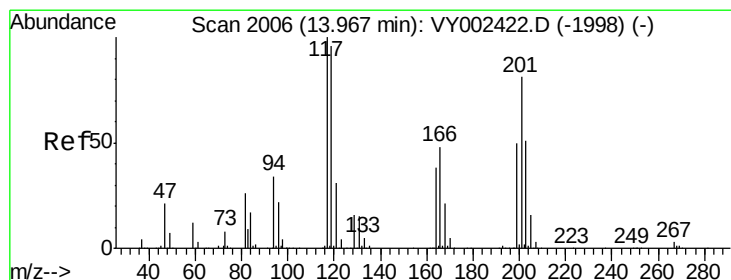
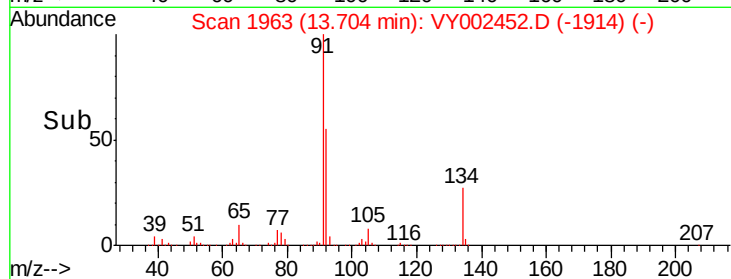
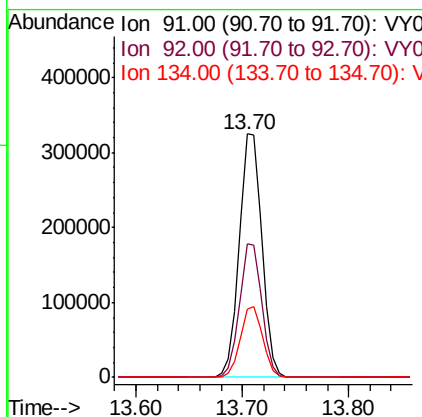
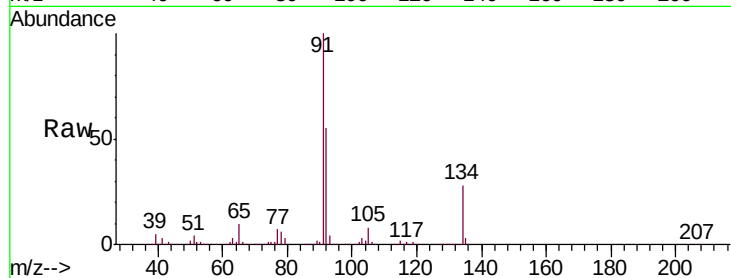




#89
n-Butylbenzene
Concen: 47.524 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

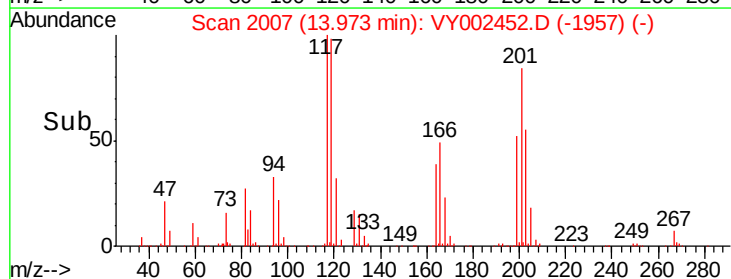
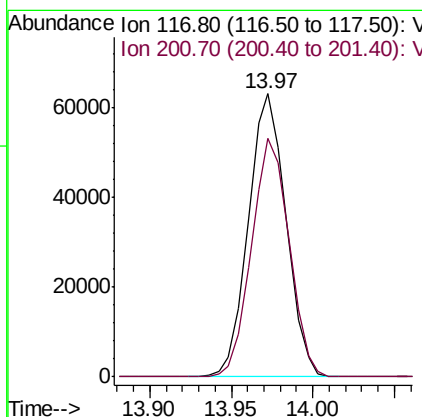
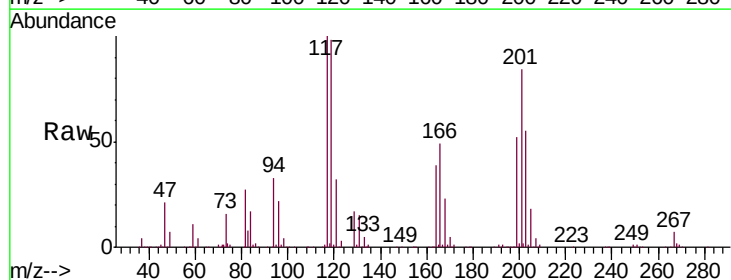
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

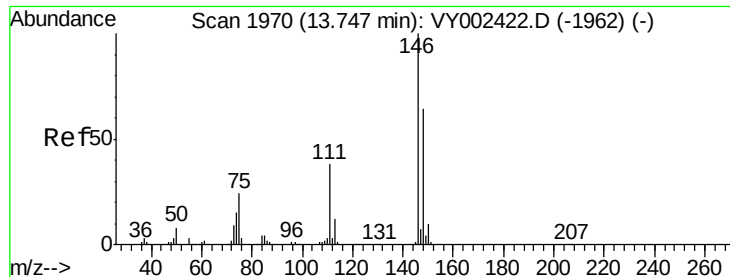
Tgt Ion: 91 Resp: 486099
Ion Ratio Lower Upper
91 100
92 54.1 26.8 80.4
134 28.6 14.4 43.2



#90
Hexachloroethane
Concen: 49.148 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion: 117 Resp: 101090
Ion Ratio Lower Upper
117 100
201 84.0 42.5 127.5

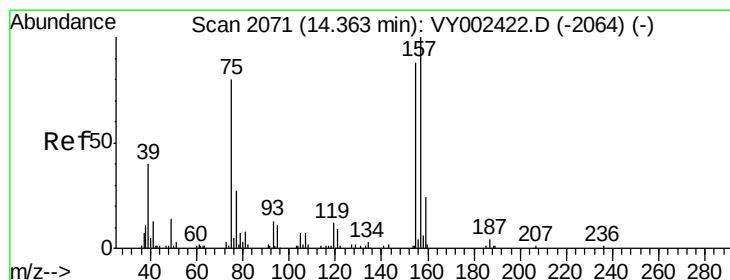
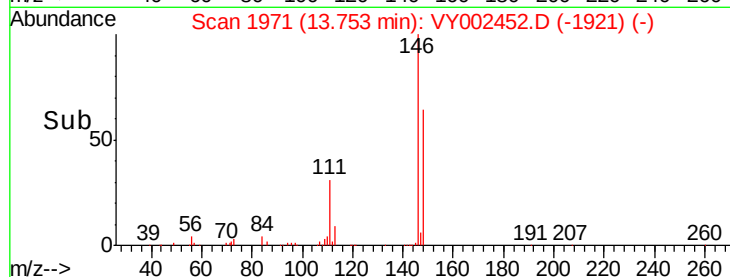
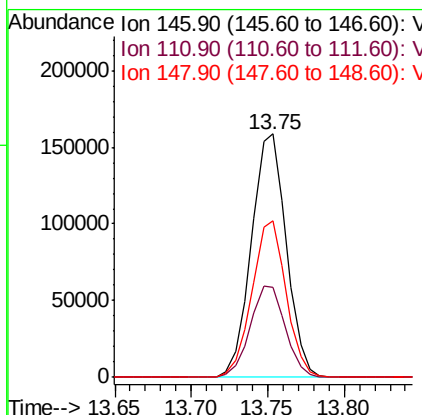
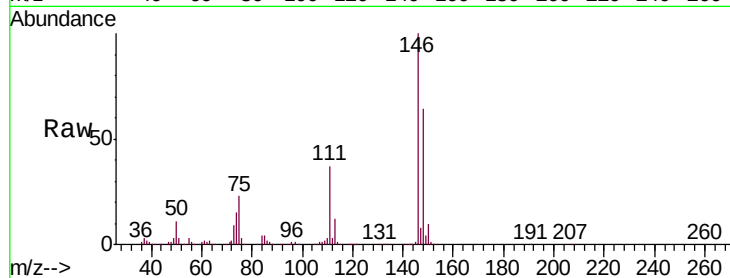




#91
 1,2-Dichlorobenzene
 Concen: 49.411 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

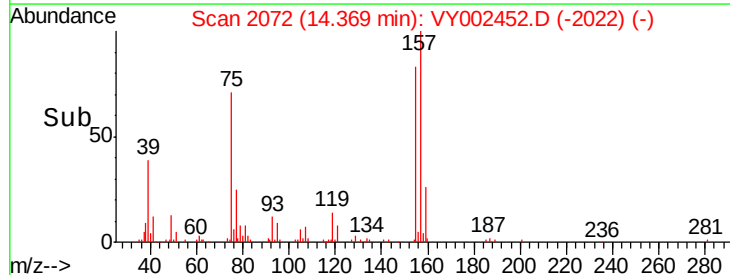
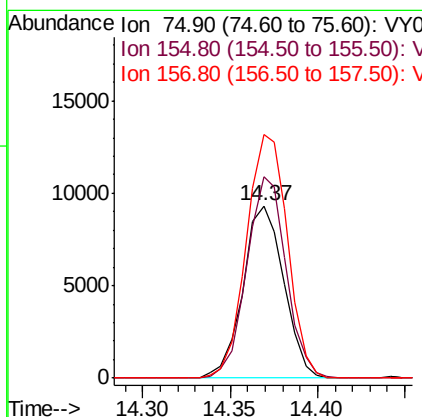
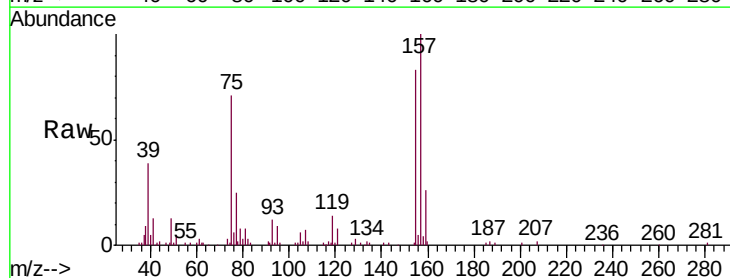
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

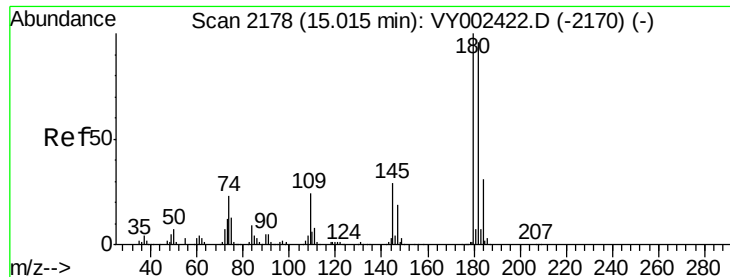
Tgt Ion: 146 Resp: 251720
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.9 56.5
 148 63.2 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.475 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Tgt Ion: 75 Resp: 15177
 Ion Ratio Lower Upper
 75 100
 155 112.8 56.1 168.3
 157 142.4 71.5 214.5

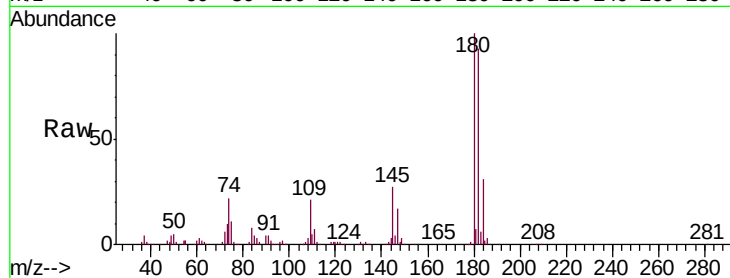




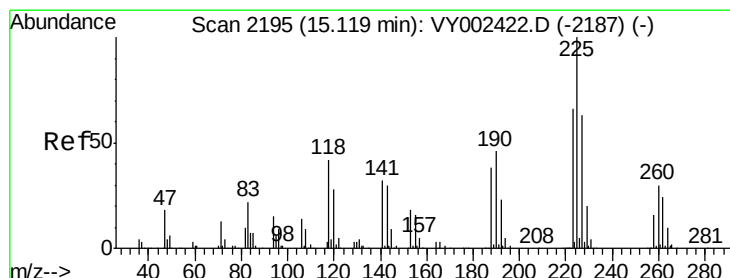
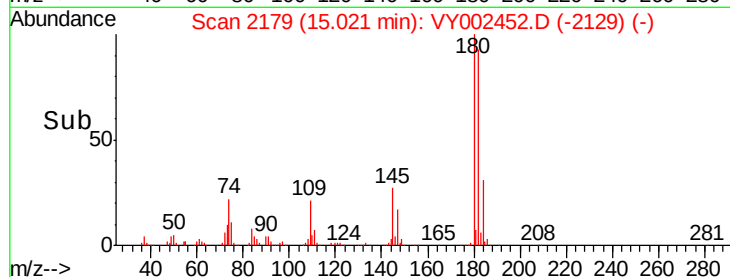
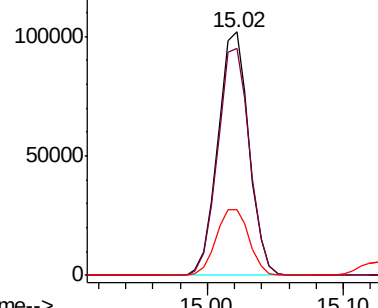
#93
 1,2,4-Trichlorobenzene
 Concen: 44.679 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 163046
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.8 143.3
 145 28.7 14.5 43.6

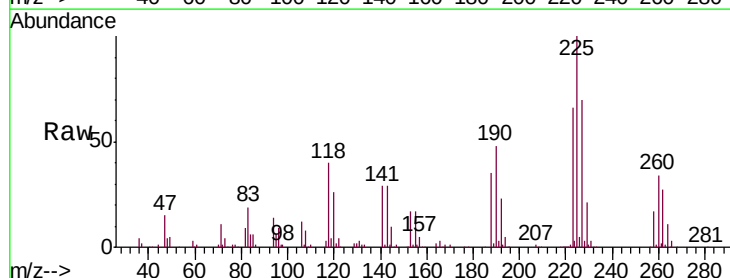


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

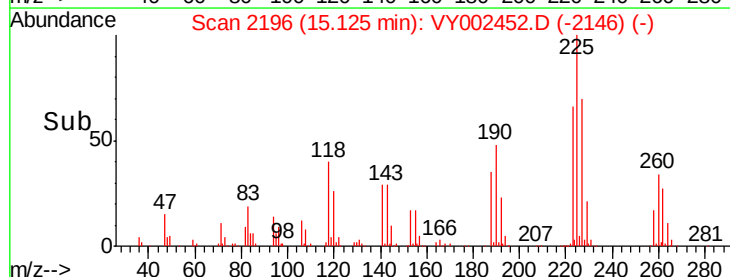
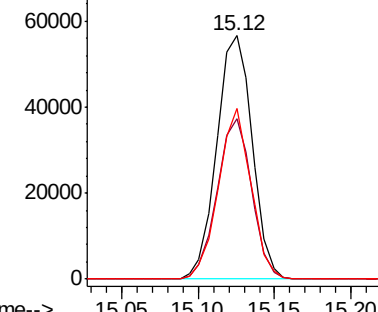


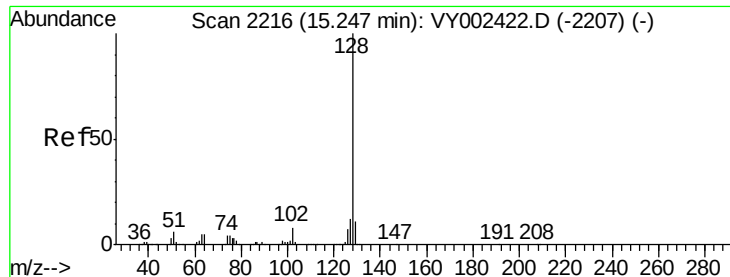
#94
 Hexachlorobutadiene
 Concen: 45.576 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002452.D
 Acq: 21 Apr 2020 22:21

Tgt Ion:225 Resp: 91207
 Ion Ratio Lower Upper
 225 100
 223 64.3 32.0 96.0
 227 64.6 31.6 95.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

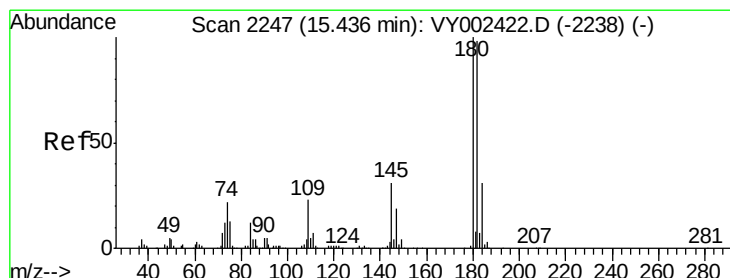
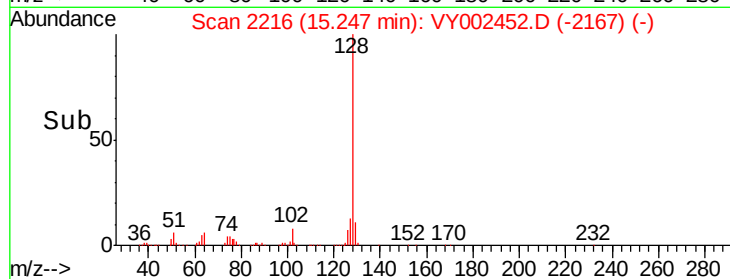
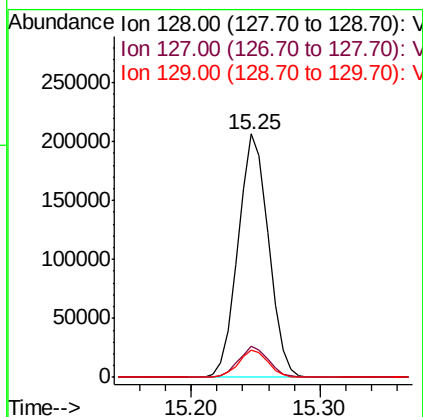
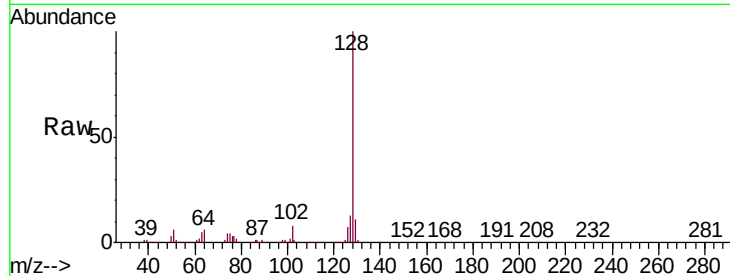




#95
Naphthalene
Concen: 47.677 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 337270
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.9 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 46.193 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. -0.00 min
Lab File: VY002452.D
Acq: 21 Apr 2020 22:21

Tgt Ion:180 Resp: 146332
Ion Ratio Lower Upper
180 100
182 95.4 47.2 141.6
145 30.5 14.8 44.4

