

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
 Data File : VY001687.D
 Acq On : 18 Feb 2020 21:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 19 06:49:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	164262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	301174	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.51	117	276298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	128254	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	92618	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
35) Dibromofluoromethane	7.75	113	84112	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
50) Toluene-d8	10.20	98	349338	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.50	95	124758	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.92	85	85393	53.331	ug/l	99
3) Chloromethane	2.13	50	114609	53.216	ug/l	99
4) Vinyl Chloride	2.27	62	111037	51.116	ug/l	98
5) Bromomethane	2.67	94	74396	54.799	ug/l	95
6) Chloroethane	2.82	64	70244	52.477	ug/l	98
7) Trichlorofluoromethane	3.15	101	144412	51.944	ug/l	97
8) Diethyl Ether	3.56	74	59293	54.100	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.94	101	90670	51.887	ug/l	99
10) Methyl Iodide	4.13	142	112059	52.397	ug/l	100
11) Tert butyl alcohol	5.00	59	53067	260.300	ug/l	100
12) 1,1-Dichloroethene	3.91	96	91865	51.544	ug/l	95
13) Acrolein	3.77	56	41153	230.619	ug/l	99
14) Allyl chloride	4.52	41	168266	53.048	ug/l	98
15) Acrylonitrile	5.21	53	157549	280.446	ug/l	99
16) Acetone	3.99	43	129350	211.578	ug/l	99
17) Carbon Disulfide	4.23	76	300188	50.450	ug/l	99
18) Methyl Acetate	4.52	43	73106	54.910	ug/l	100
19) Methyl tert-butyl Ether	5.26	73	266449	53.696	ug/l	98
20) Methylene Chloride	4.76	84	107931	49.702	ug/l	97
21) trans-1,2-Dichloroethene	5.27	96	106258	52.255	ug/l	98
22) Diisopropyl ether	6.16	45	357333	54.856	ug/l	97
23) Vinyl Acetate	6.11	43	1179875	277.684	ug/l	98
24) 1,1-Dichloroethane	6.07	63	186416	53.544	ug/l	98
25) 2-Butanone	7.03	43	211313	254.439	ug/l	97
26) 2,2-Dichloropropane	7.02	77	145745	48.116	ug/l	99
27) cis-1,2-Dichloroethene	7.03	96	118830	52.942	ug/l	99
28) Bromochloromethane	7.37	49	84982	58.597	ug/l	98
29) Tetrahydrofuran	7.38	42	138858	276.623	ug/l	98
30) Chloroform	7.55	83	179420	52.742	ug/l	99
31) Cyclohexane	7.82	56	180321	48.577	ug/l	99
32) 1,1,1-Trichloroethane	7.74	97	147851	51.712	ug/l	98
36) 1,1-Dichloropropene	7.95	75	143031	49.719	ug/l	99
37) Ethyl Acetate	7.11	43	92053	53.612	ug/l	99
38) Carbon Tetrachloride	7.93	117	126742	50.158	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	186417	48.844	ug/l	100
40) Benzene	8.19	78	443643	52.435	ug/l	99
41) Methacrylonitrile	7.38	41	126072	146.233	ug/l #	100
42) 1,2-Dichloroethane	8.27	62	122944	53.338	ug/l	99
43) Isopropyl Acetate	8.30	43	180244	55.327	ug/l	99
44) Trichloroethene	8.96	130	107088	50.702	ug/l	98
45) 1,2-Dichloropropane	9.24	63	114309	53.947	ug/l	100
46) Dibromomethane	9.33	93	59099	53.325	ug/l	98
47) Bromodichloromethane	9.52	83	143845	53.778	ug/l	98
48) Methyl methacrylate	9.32	41	81194	55.107	ug/l	98
49) 1,4-Dioxane	9.32	88	15684	1001.962	ug/l	95
51) 4-Methyl-2-Pentanone	10.09	43	467418	279.251	ug/l	97
52) Toluene	10.27	92	271697	51.481	ug/l	98
53) t-1,3-Dichloropropene	10.49	75	156379	52.884	ug/l	100
54) cis-1,3-Dichloropropene	9.95	75	178542	52.461	ug/l	97
55) 1,1,2-Trichloroethane	10.66	97	88987	54.453	ug/l	99
56) Ethyl methacrylate	10.53	69	134503	54.864	ug/l	99
57) 1,3-Dichloropropane	10.81	76	156414	53.868	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	256096	280.065	ug/l	99
59) 2-Hexanone	10.85	43	325544	259.212	ug/l	98
60) Dibromochloromethane	11.00	129	94987	52.720	ug/l	99
61) 1,2-Dibromoethane	11.11	107	83827	54.251	ug/l	98
64) Tetrachloroethene	10.74	164	87940	50.701	ug/l	98
65) Chlorobenzene	11.53	112	284557	51.585	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.61	131	97569	52.434	ug/l	99
67) Ethyl Benzene	11.61	91	527017	51.482	ug/l	100
68) m/p-Xylenes	11.72	106	392539	102.653	ug/l	99
69) o-Xylene	12.05	106	187792	51.657	ug/l	98
70) Styrene	12.06	104	331079	52.402	ug/l	100
71) Bromoform	12.22	173	56019	52.678	ug/l #	99
73) Isopropylbenzene	12.35	105	496306	50.796	ug/l	99
74) N-amyl acetate	12.16	43	169502	54.358	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.60	83	112355	53.856	ug/l	98
76) 1,2,3-Trichloropropane	12.65	75	144951	98.523	ug/l #	100
77) Bromobenzene	12.63	156	110257	52.055	ug/l	96
78) n-propylbenzene	12.69	91	613600	51.564	ug/l	99
79) 2-Chlorotoluene	12.77	91	344654	51.640	ug/l	98
80) 1,3,5-Trimethylbenzene	12.83	105	419290	51.841	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	38854	50.102	ug/l	92
82) 4-Chlorotoluene	12.87	91	363461	51.634	ug/l	99
83) tert-Butylbenzene	13.09	119	347960	51.439	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	419405	52.014	ug/l	99
85) sec-Butylbenzene	13.27	105	511151	51.378	ug/l	99
86) p-Isopropyltoluene	13.38	119	442641	51.215	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	213526	51.980	ug/l	97
88) 1,4-Dichlorobenzene	13.46	146	211744	50.994	ug/l	99
89) n-Butylbenzene	13.71	91	446513	50.560	ug/l	100
90) Hexachloroethane	13.97	117	83628	51.356	ug/l	96
91) 1,2-Dichlorobenzene	13.75	146	195999	51.702	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	17502	50.834	ug/l	98

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QLast Update : Mon Feb 17 12:19:53 2020
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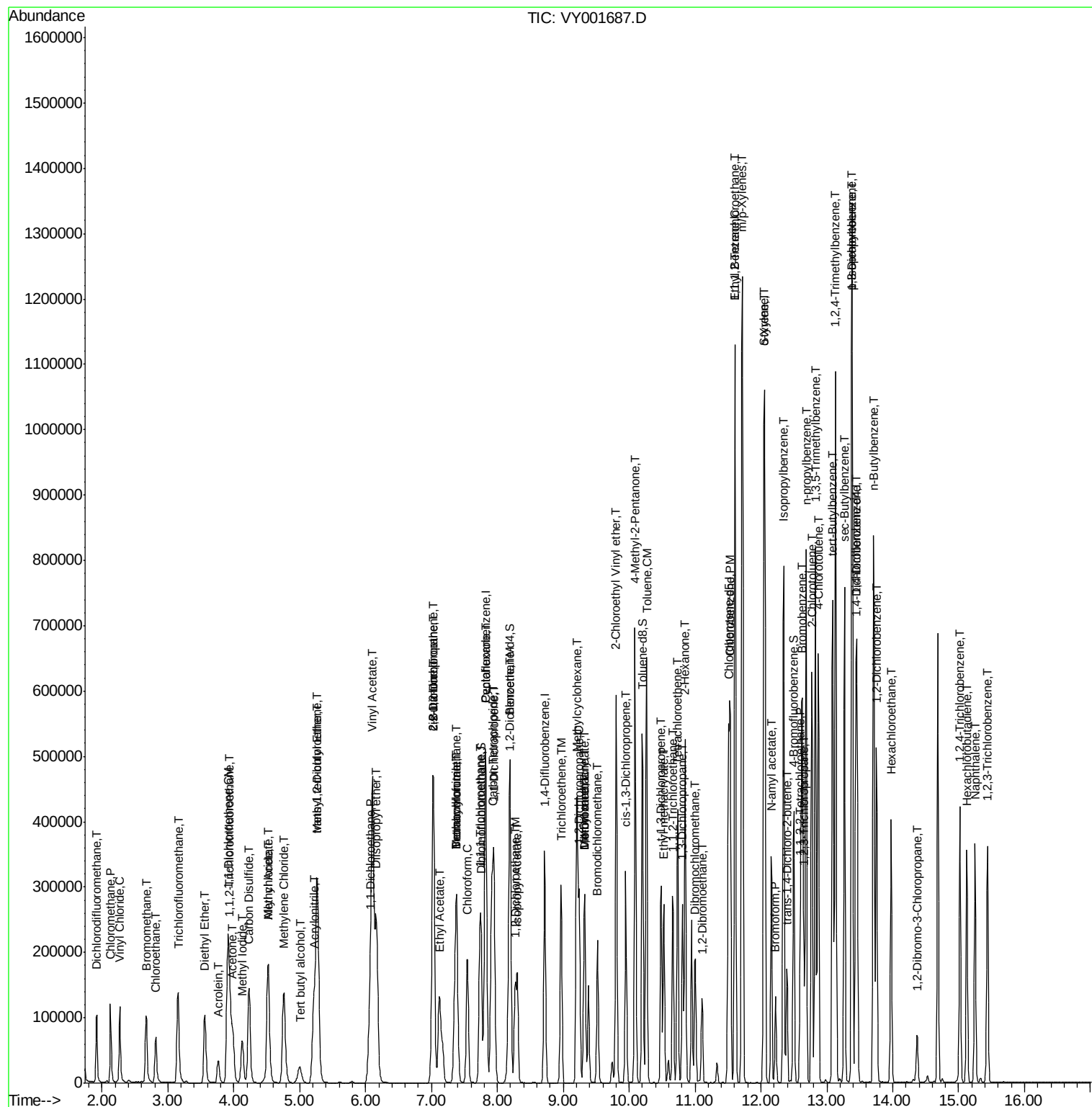
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	122719	48.850	ug/l	99
94) Hexachlorobutadiene	15.13	225	58529	46.847	ug/l	98
95) Naphthalene	15.25	128	297664	51.389	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	111369	50.390	ug/l	99

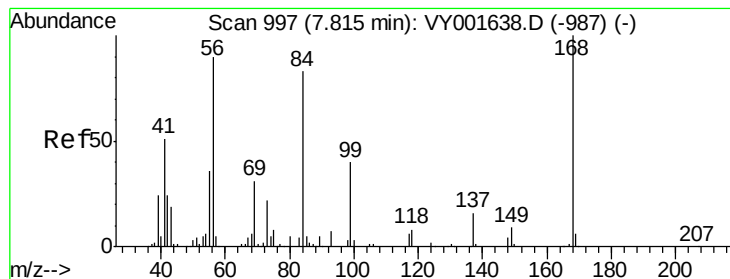
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001687.D

Acq: 18 Feb 2020 21:15

Instrument :

MSVOA_Y

ClientSampleId :

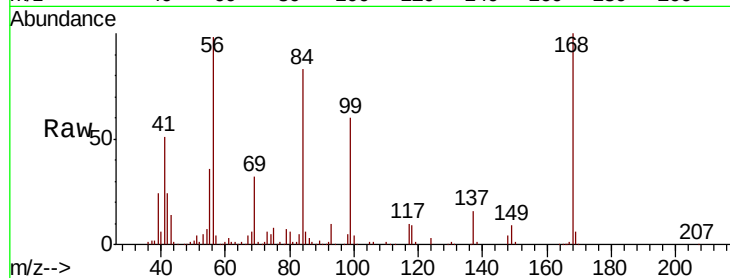
VSTDCCC050EC

Tot Ion:168 Resp: 164262

Ion Ratio Lower Upper

168 100

99 60.2 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001687.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001687.D (-948) (-)

7.82

80000

60000

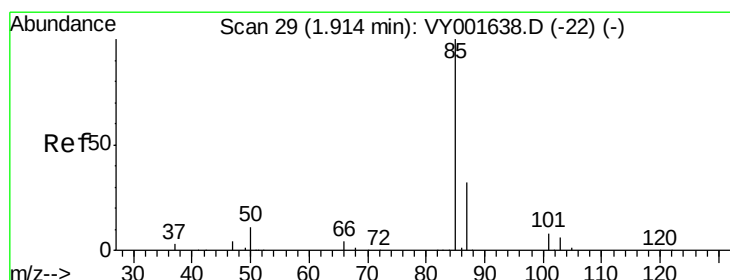
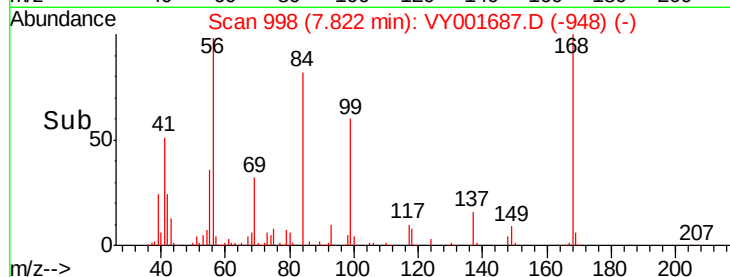
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 53.331 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY001687.D

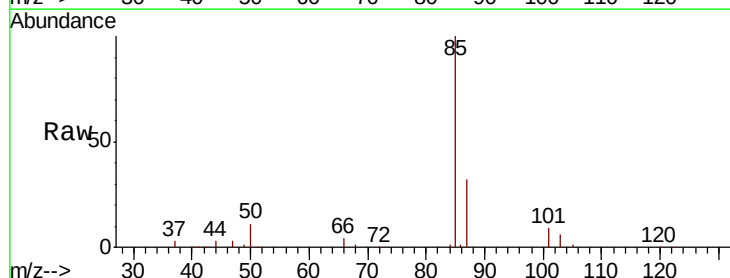
Acq: 18 Feb 2020 21:15

Tgt Ion: 85 Resp: 85393

Ion Ratio Lower Upper

85 100

87 32.1 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY001687.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001687.D (-1) (-)

1.92

60000

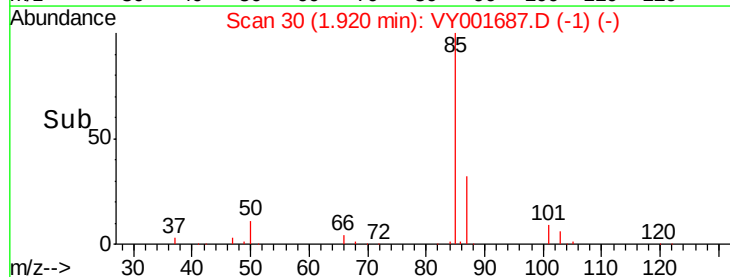
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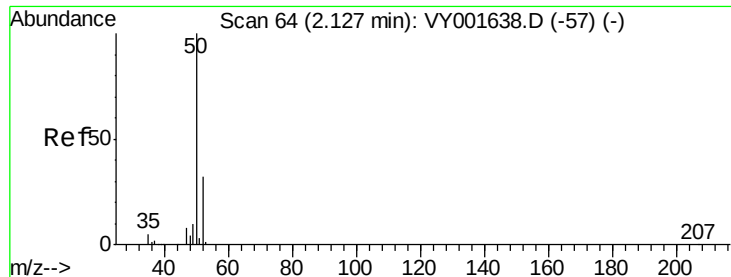
20000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 53.216 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001687.D

Acq: 18 Feb 2020 21:15

Instrument :

MSVOA_Y

ClientSampleId :

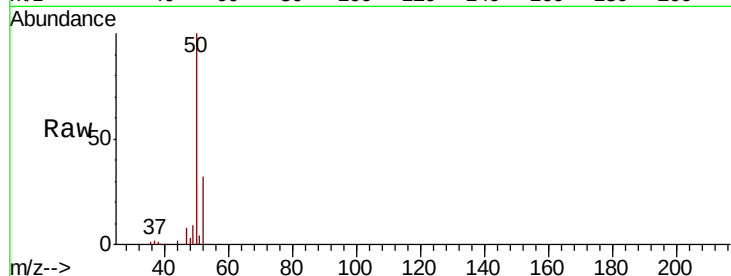
VSTDCCC050EC

Tot Ion: 50 Resp: 114609

Ion Ratio Lower Upper

50 100

52 31.6 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.13

80000

60000

40000

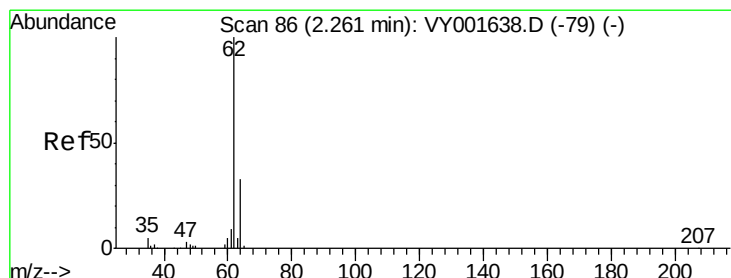
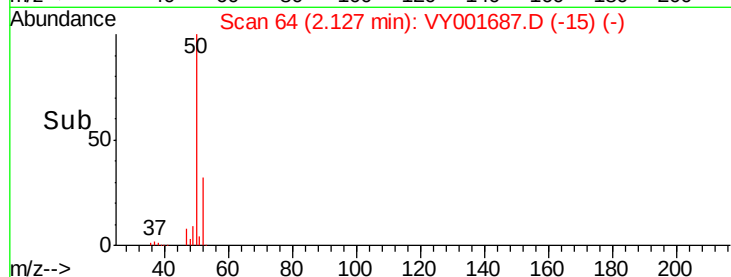
20000

0

Time-->

2.10

2.20



#4

Vinyl Chloride

Concen: 51.116 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY001687.D

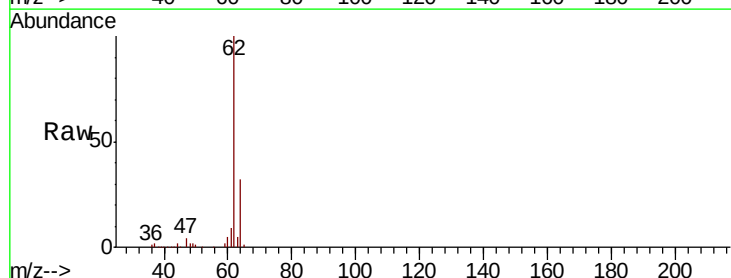
Acq: 18 Feb 2020 21:15

Tgt Ion: 62 Resp: 111037

Ion Ratio Lower Upper

62 100

64 31.9 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

80000

60000

40000

20000

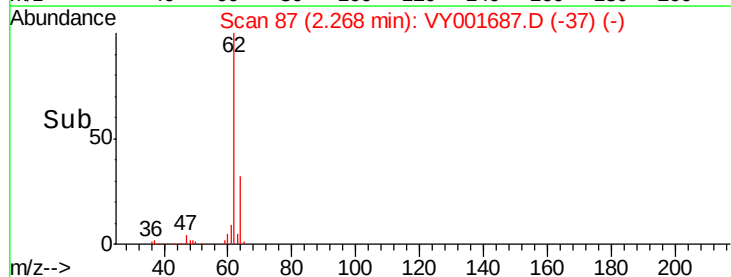
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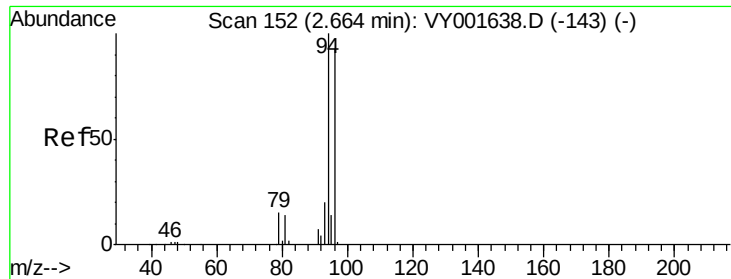
Time-->

2.20

2.30

2.40





#5

Bromomethane

Concen: 54.799 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY001687.D

Acq: 18 Feb 2020 21:15

Instrument :

MSVOA_Y

ClientSampleId :

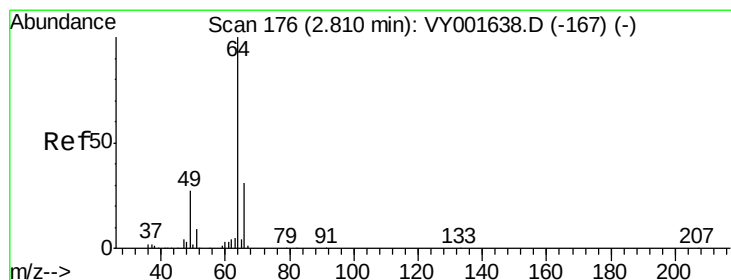
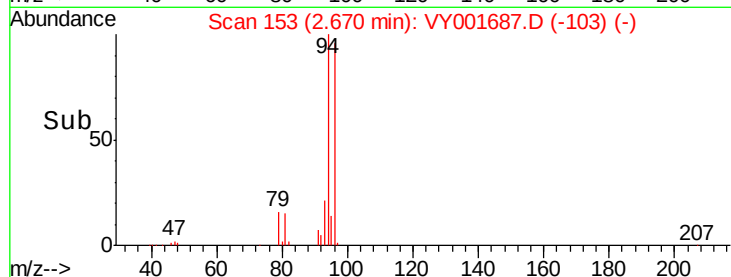
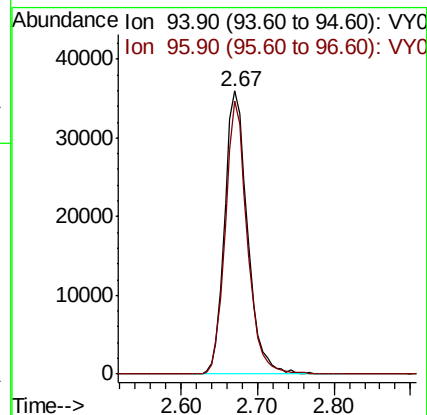
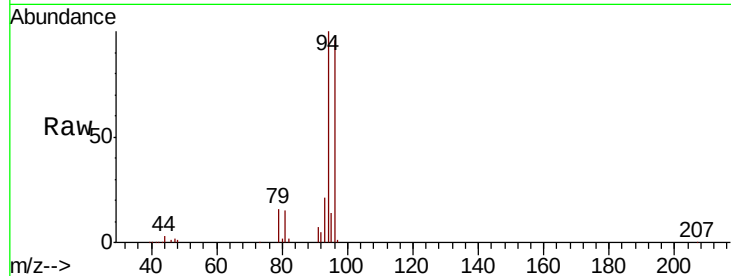
VSTDCCC050EC

Tot Ion: 94 Resp: 74396

Ion Ratio Lower Upper

94 100

96 96.4 73.7 110.5



#6

Chloroethane

Concen: 52.477 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY001687.D

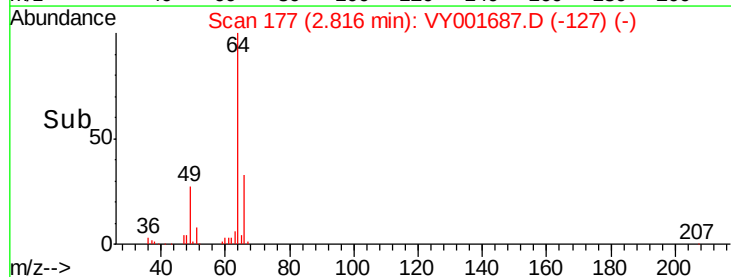
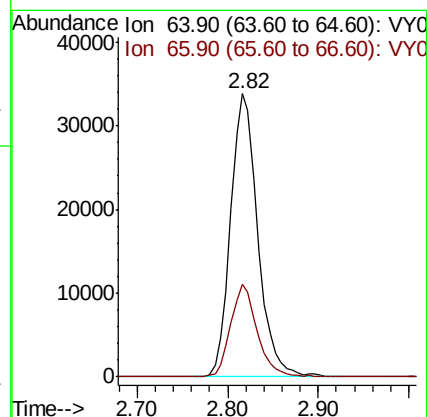
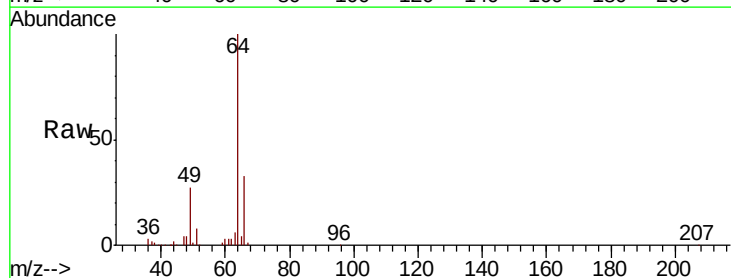
Acq: 18 Feb 2020 21:15

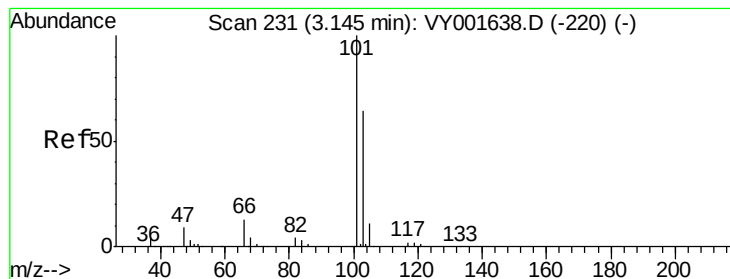
Tgt Ion: 64 Resp: 70244

Ion Ratio Lower Upper

64 100

66 32.9 25.5 38.3



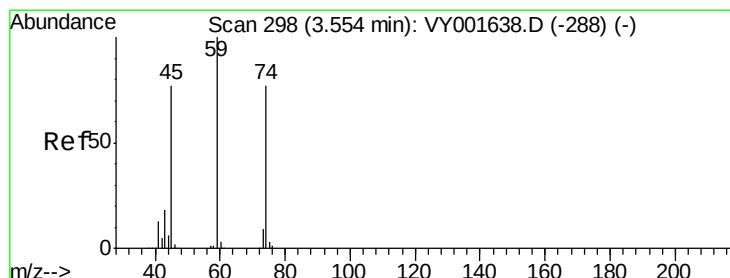
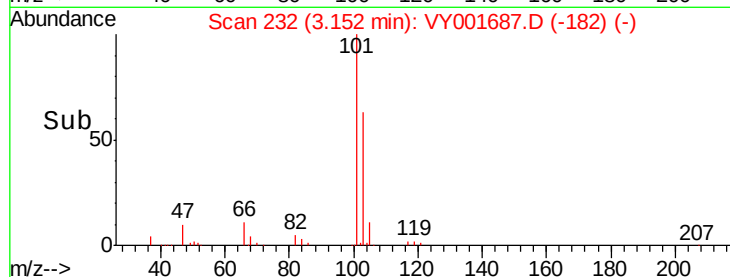
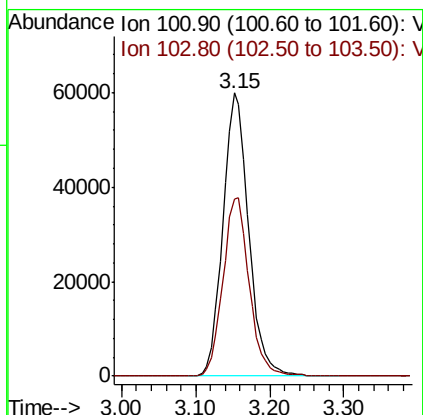
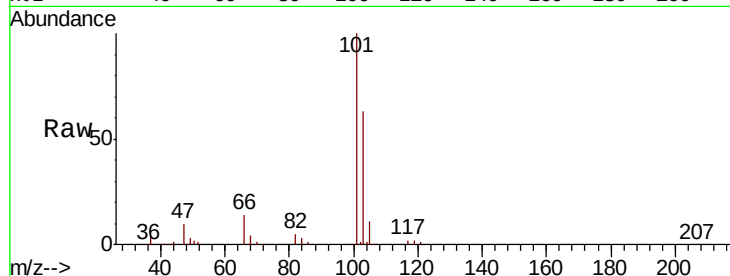


#7

Trichlorofluoromethane
 Concen: 51.944 ug/l
 RT: 3.15 min Scan# 232
 Delta R.T. 0.01 min
 Lab File: VY001687.D
 Acq: 18 Feb 2020 21:15

Instrument :
 MSVOA_Y
 ClientSampleId :
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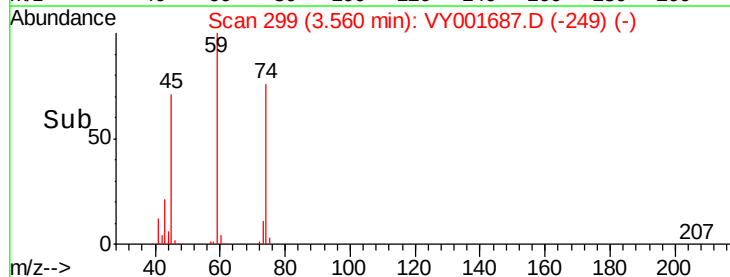
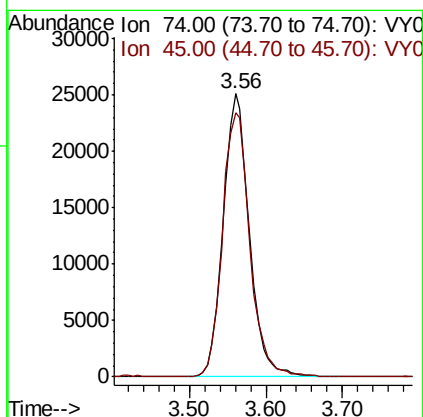
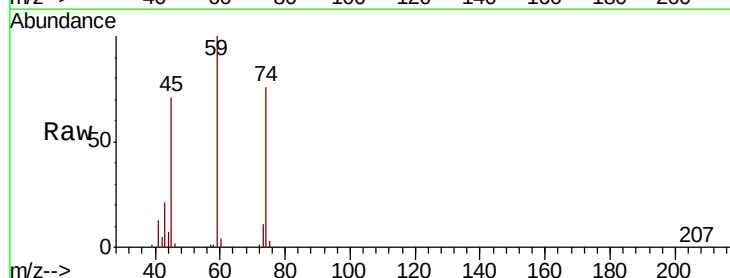
Tot Ion:101 Resp: 144412
 Ion Ratio Lower Upper
 101 100
 103 62.7 52.2 78.2

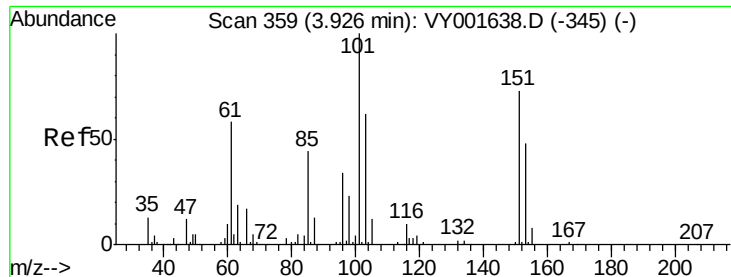


#8

Diethyl Ether
 Concen: 54.100 ug/l
 RT: 3.56 min Scan# 299
 Delta R.T. 0.01 min
 Lab File: VY001687.D
 Acq: 18 Feb 2020 21:15

Tgt Ion: 74 Resp: 59293
 Ion Ratio Lower Upper
 74 100
 45 97.9 49.6 148.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.887 ug/l

RT: 3.94 min Scan# 361

Delta R.T. 0.01 min

Lab File: VY001687.D

Acq: 18 Feb 2020 21:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

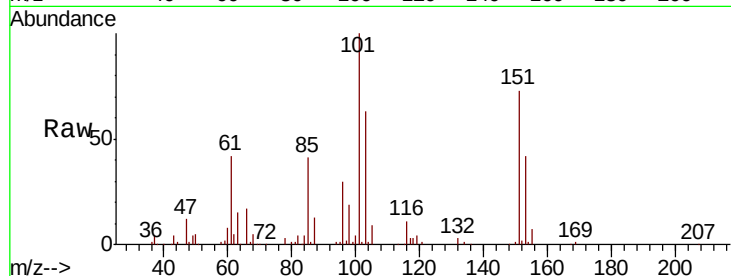
Tot Ion:101 Resp: 90670

Ion Ratio Lower Upper

101 100

85 44.3 35.1 52.7

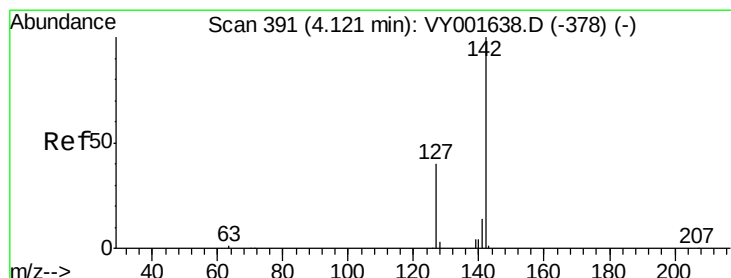
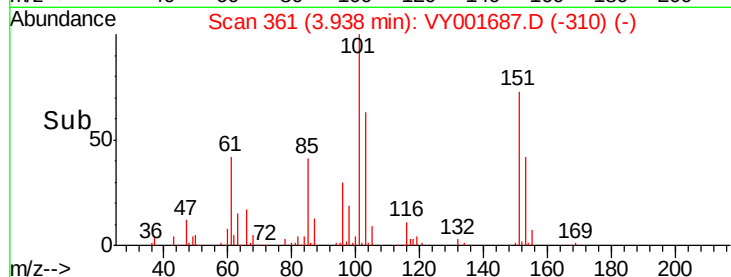
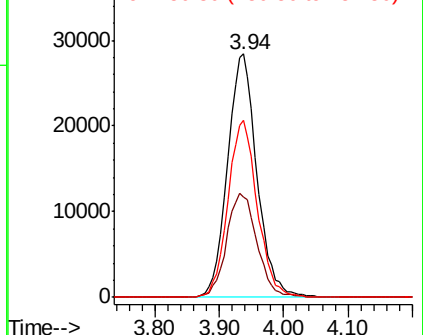
151 72.5 58.4 87.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.397 ug/l

RT: 4.13 min Scan# 392

Delta R.T. 0.01 min

Lab File: VY001687.D

Acq: 18 Feb 2020 21:15

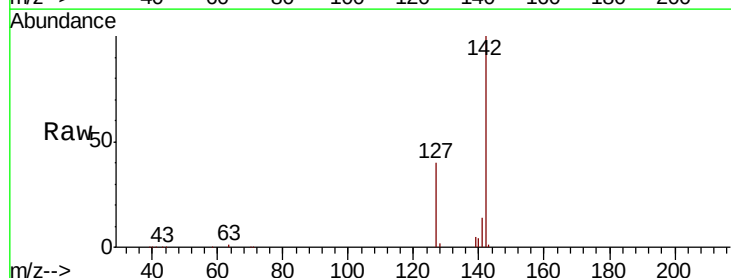
Tgt Ion:142 Resp: 112059

Ion Ratio Lower Upper

142 100

127 40.3 32.1 48.1

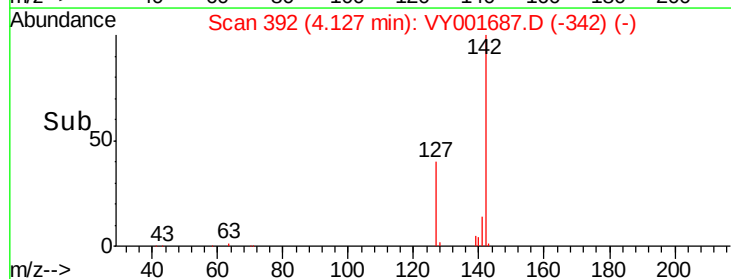
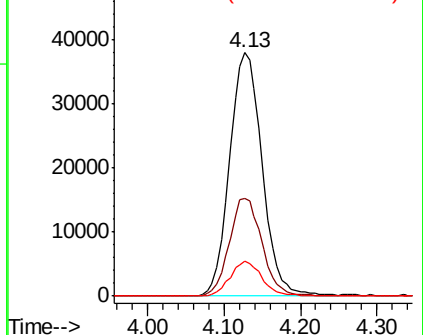
141 13.9 11.3 16.9

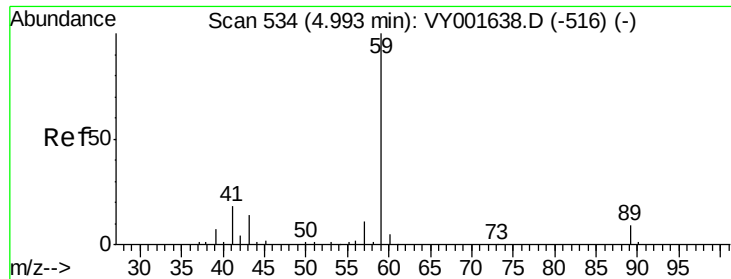


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

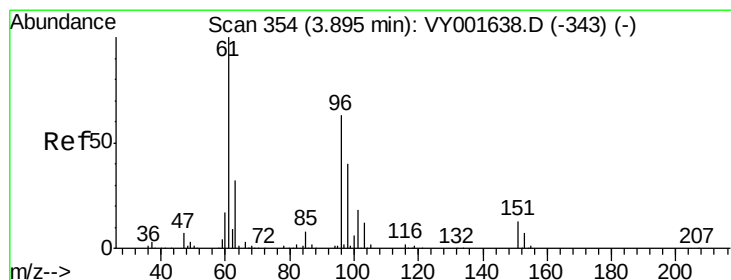
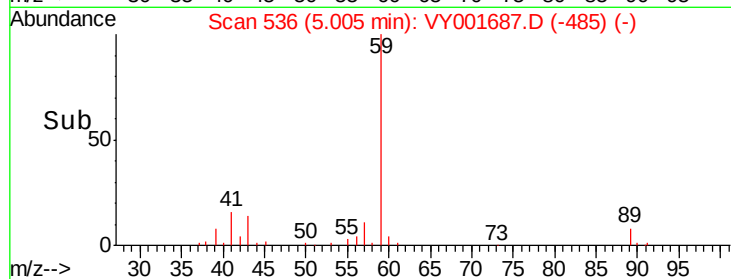
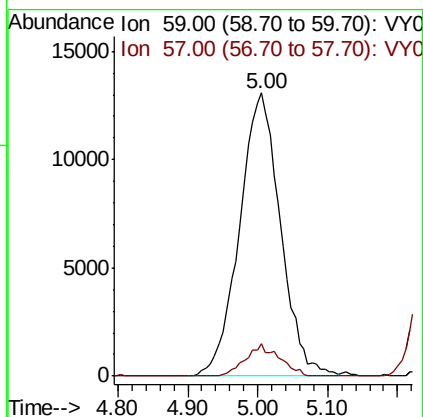
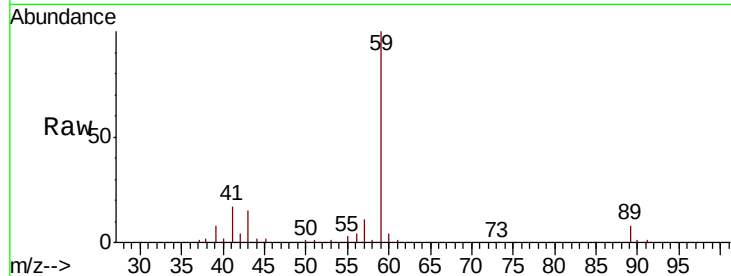




#11
Tert butyl alcohol
Concen: 260.300 ug/l
RT: 5.00 min Scan# 536
Delta R.T. 0.01 min
Lab File: VY001687.D
Acq: 18 Feb 2020 21:15

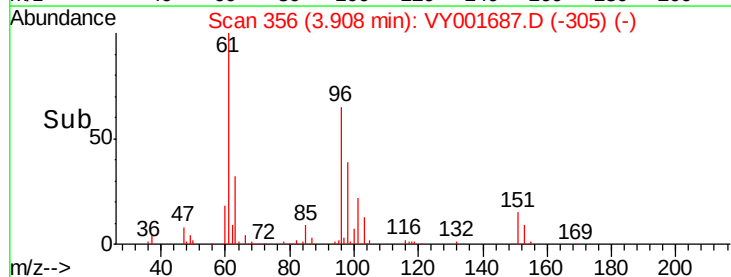
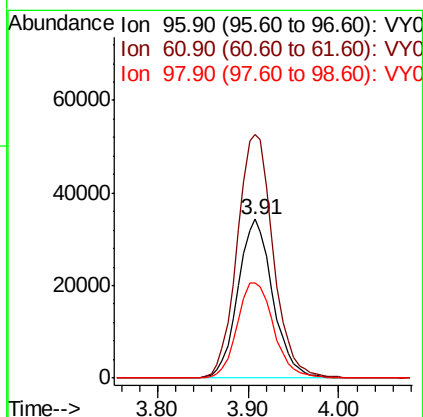
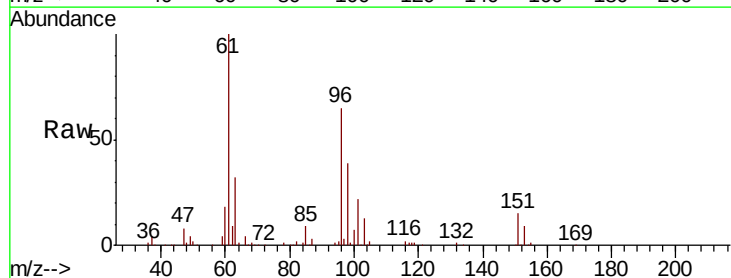
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

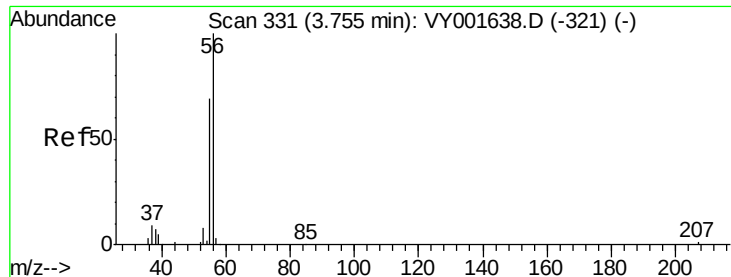
Tot Ion: 59 Resp: 53067
Ion Ratio Lower Upper
59 100
57 9.3 7.4 11.2



#12
1,1-Dichloroethene
Concen: 51.544 ug/l
RT: 3.91 min Scan# 356
Delta R.T. 0.01 min
Lab File: VY001687.D
Acq: 18 Feb 2020 21:15

Tgt Ion: 96 Resp: 91865
Ion Ratio Lower Upper
96 100
61 153.3 128.7 193.1
98 59.8 50.7 76.1





#13

Acrolein

Concen: 230.619 ug/l

RT: 3.77 min Scan# 333

Delta R.T. 0.01 min

Lab File: VY001687.D

Acq: 18 Feb 2020 21:15

Instrument :

MSVOA_Y

ClientSampleId :

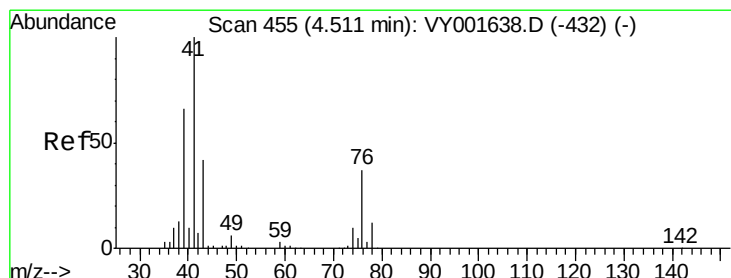
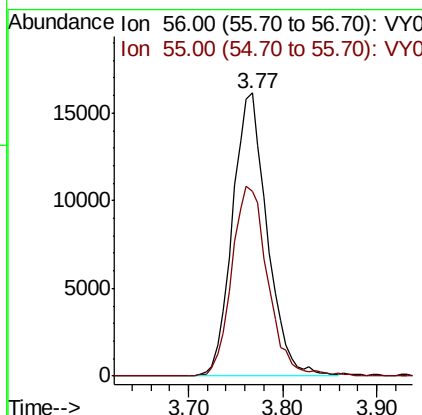
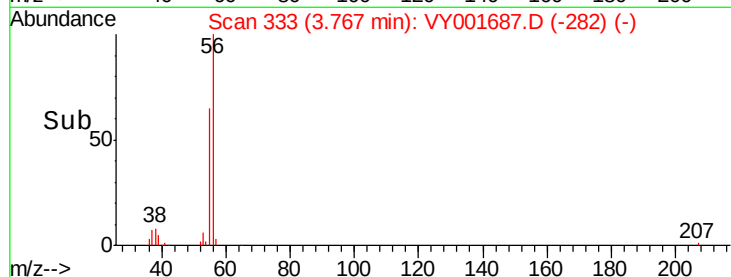
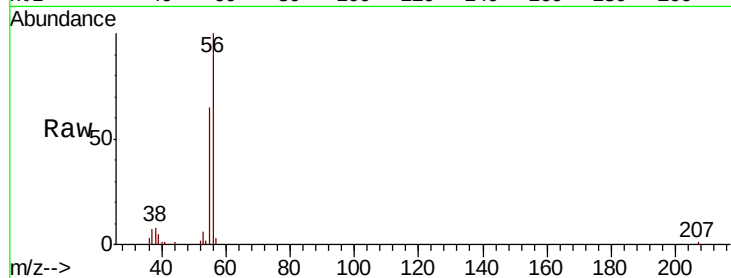
VSTDCCC050EC

Tot Ion: 56 Resp: 41153

Ion Ratio Lower Upper

56 100

55 69.6 56.1 84.1



#14

Allyl chloride

Concen: 53.048 ug/l

RT: 4.52 min Scan# 457

Delta R.T. 0.01 min

Lab File: VY001687.D

Acq: 18 Feb 2020 21:15

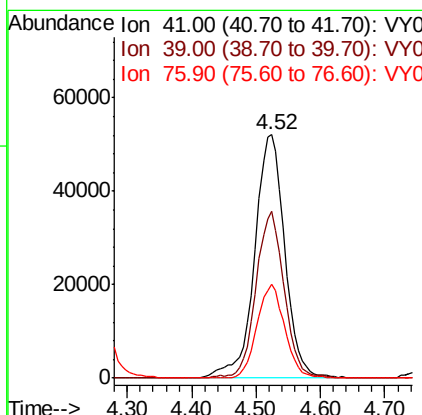
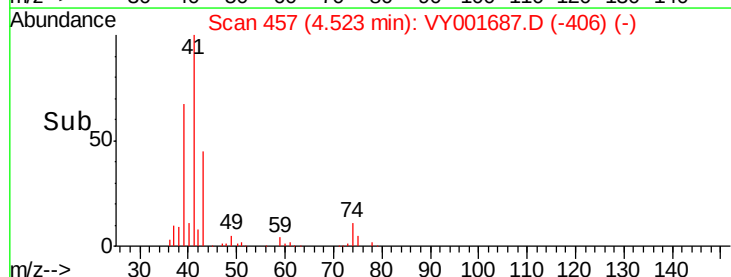
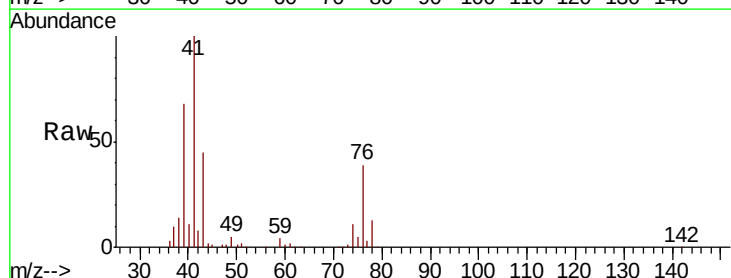
Tgt Ion: 41 Resp: 168266

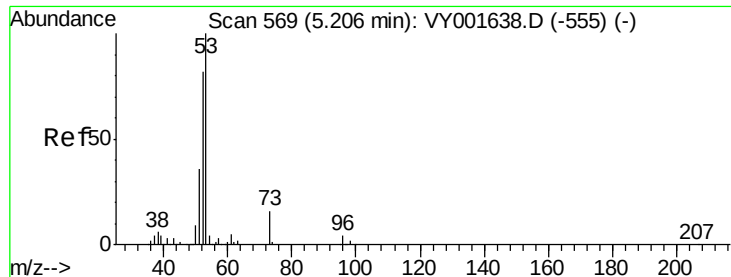
Ion Ratio Lower Upper

41 100

39 64.0 49.4 74.0

76 35.5 29.0 43.6

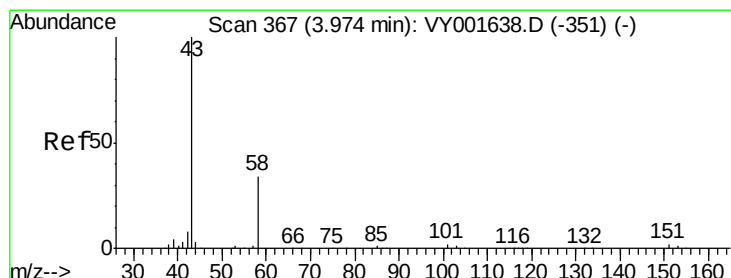
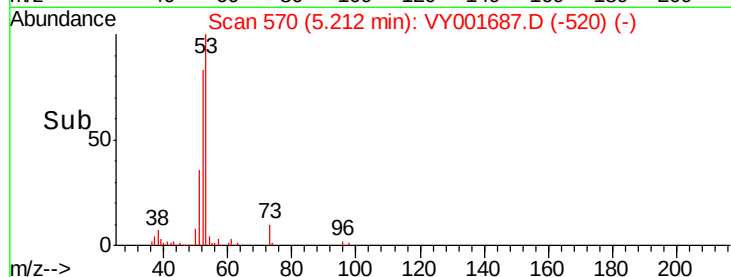
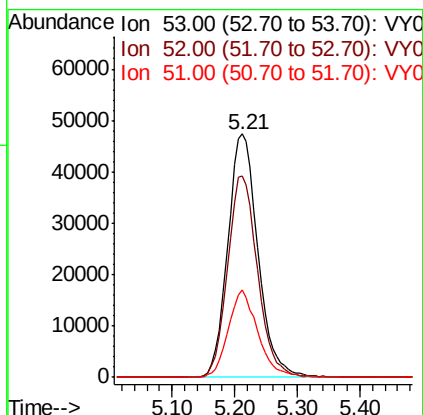
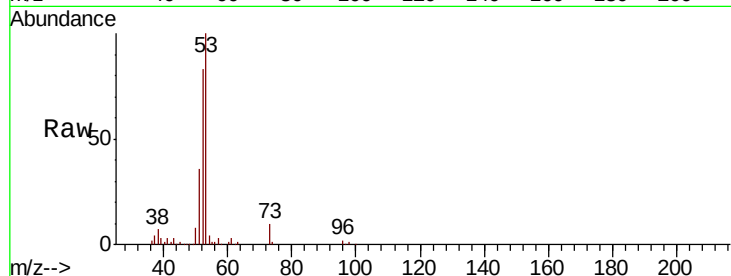




#15
 Acrylonitrile
 Concen: 280.446 ug/l
 RT: 5.21 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: VY001687.D
 Acq: 18 Feb 2020 21:15

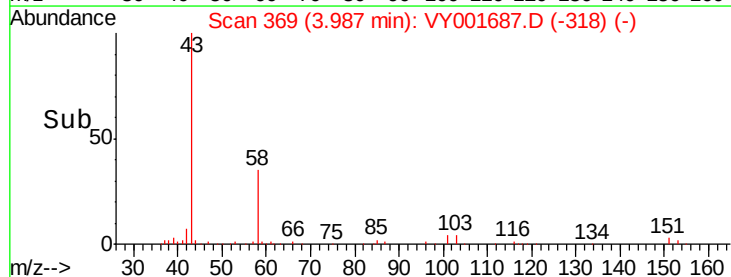
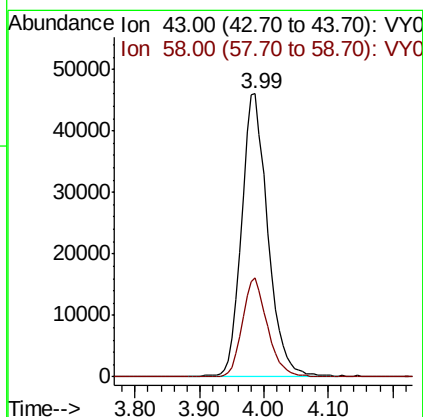
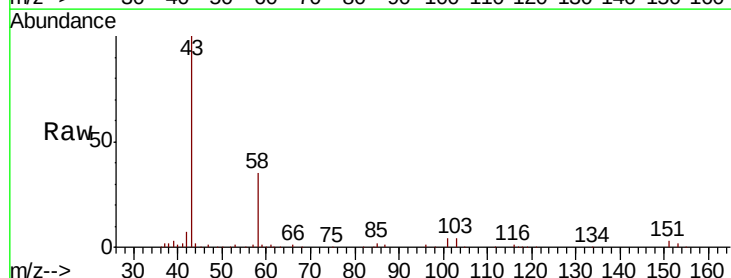
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

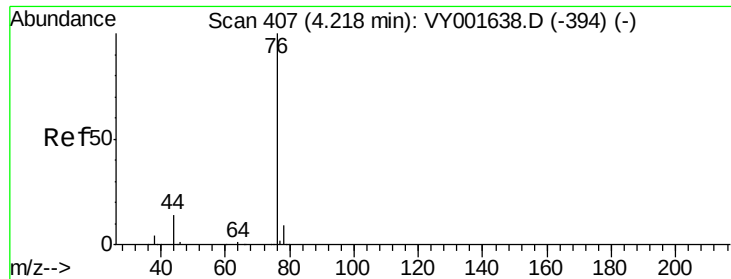
Tot Ion	53	Resp	157549
Ion Ratio	Lower	Upper	
53	100		
52	82.5	65.4	98.0
51	35.3	28.0	42.0



#16
 Acetone
 Concen: 211.578 ug/l
 RT: 3.99 min Scan# 369
 Delta R.T. 0.01 min
 Lab File: VY001687.D
 Acq: 18 Feb 2020 21:15

Tgt Ion	43	Resp	129350
Ion Ratio	Lower	Upper	
43	100		
58	34.8	27.3	40.9

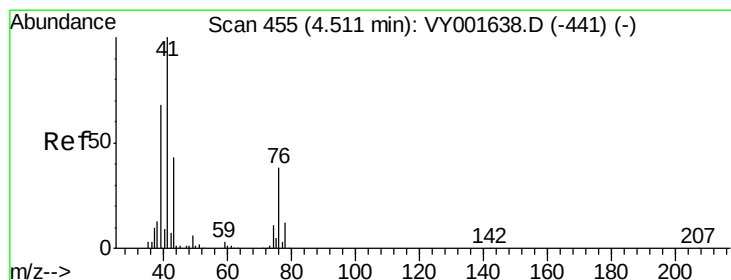
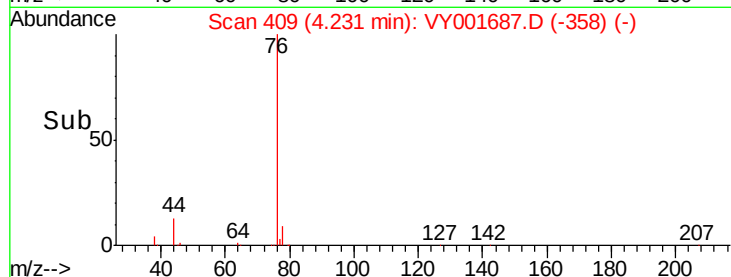
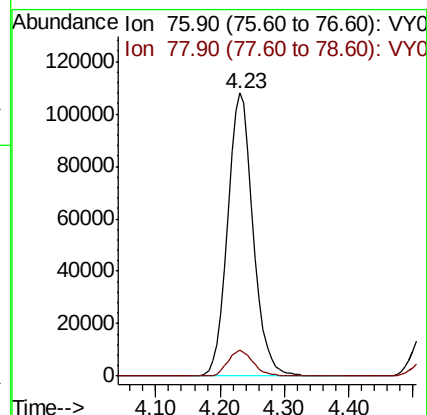
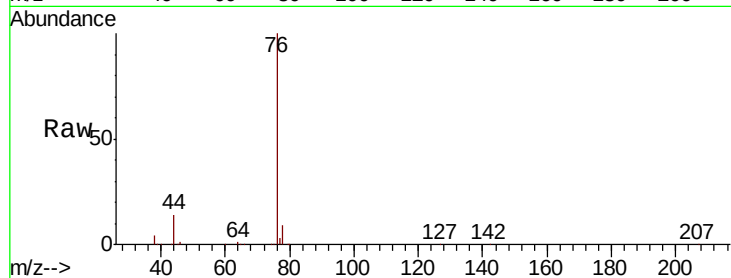




#17
Carbon Disulfide
Concen: 50.450 ug/l
RT: 4.23 min Scan# 409
Delta R.T. 0.01 min
Lab File: VY001687.D
Acq: 18 Feb 2020 21:15

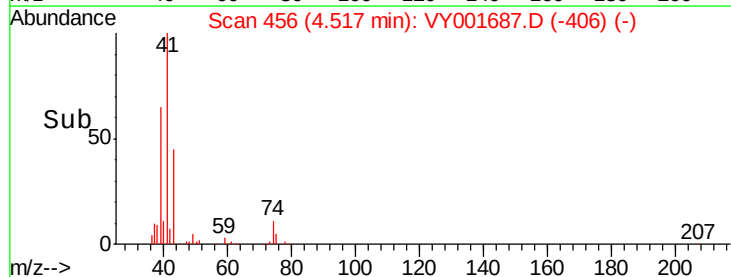
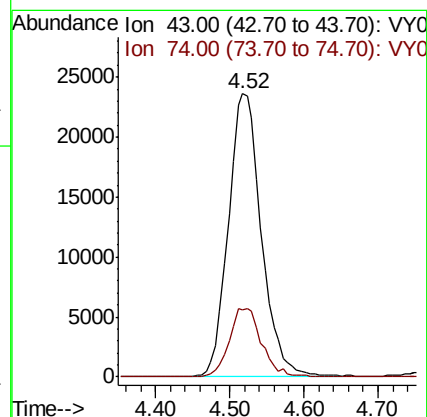
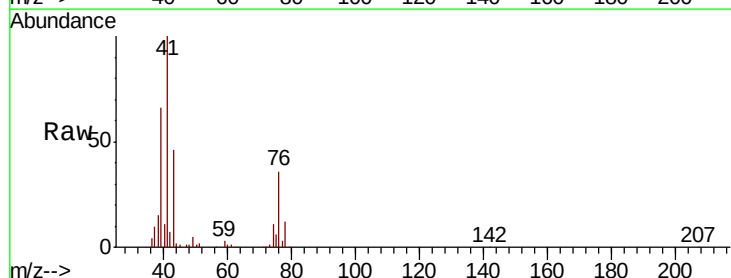
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

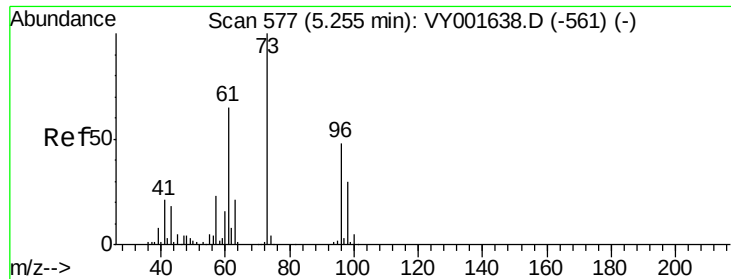
Tot Ion: 76 Resp: 300188
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 54.910 ug/l
RT: 4.52 min Scan# 456
Delta R.T. 0.01 min
Lab File: VY001687.D
Acq: 18 Feb 2020 21:15

Tgt Ion: 43 Resp: 73106
Ion Ratio Lower Upper
43 100
74 23.8 19.1 28.7

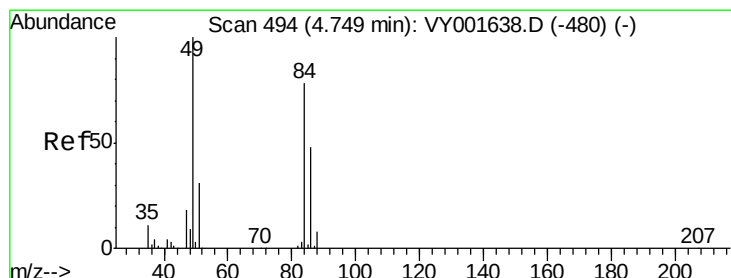
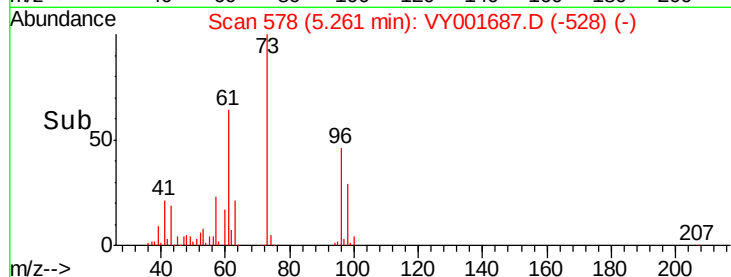
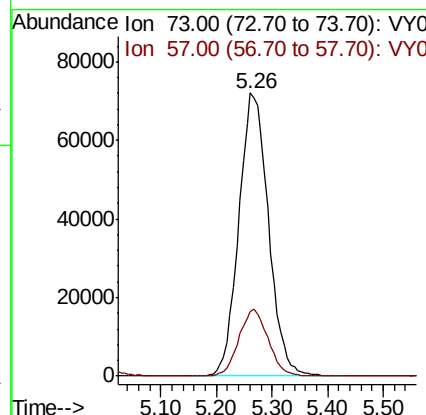
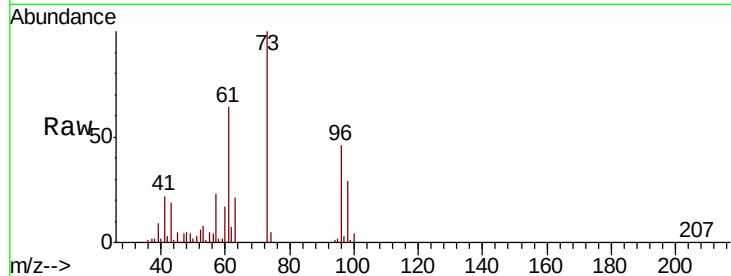




#19
Methyl tert-butyl Ether
Concen: 53.696 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.01 min
Lab File: VY001687.D
Acq: 18 Feb 2020 21:15

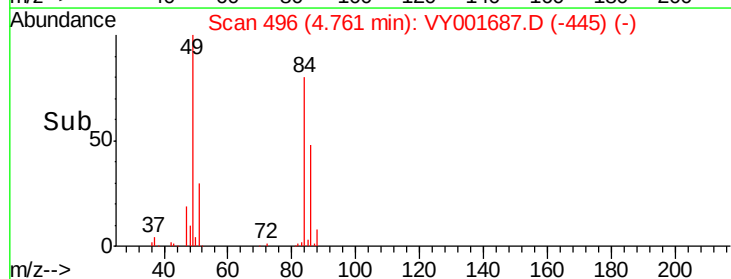
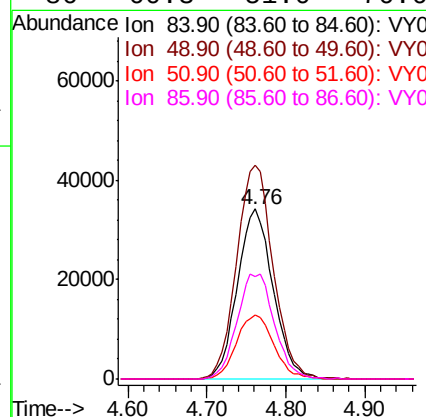
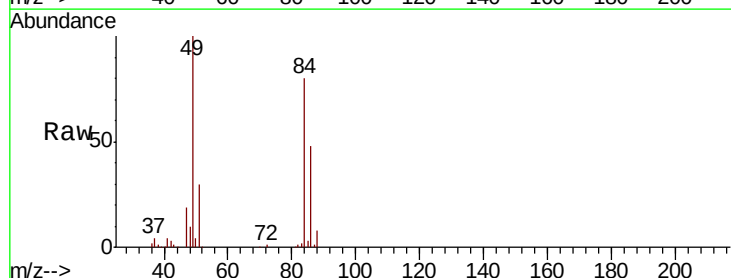
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

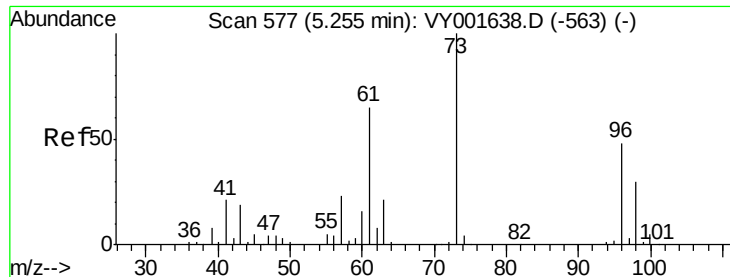
Tot Ion: 73 Resp: 266449
Ion Ratio Lower Upper
73 100
57 23.0 19.0 28.6



#20
Methylene Chloride
Concen: 49.702 ug/l
RT: 4.76 min Scan# 496
Delta R.T. 0.01 min
Lab File: VY001687.D
Acq: 18 Feb 2020 21:15

Tgt Ion: 84 Resp: 107931
Ion Ratio Lower Upper
84 100
49 125.7 99.2 148.8
51 37.6 31.5 47.3
86 60.3 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 52.255 ug/l

RT: 5.27 min Scan# 579

Delta R.T. 0.01 min

Lab File: VY001687.D

Acq: 18 Feb 2020 21:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

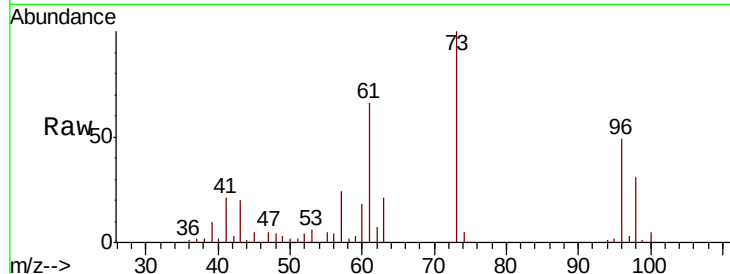
Tot Ion: 96 Resp: 106258

Ion Ratio Lower Upper

96 100

61 136.2 107.9 161.9

98 64.8 49.8 74.8

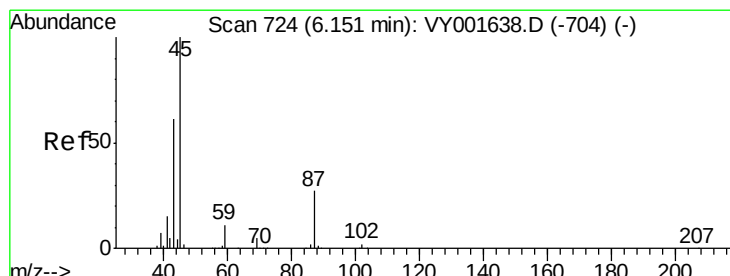
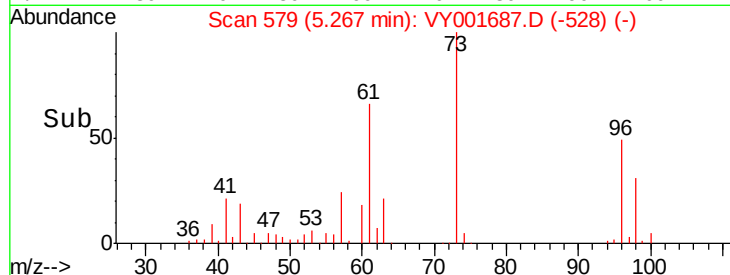
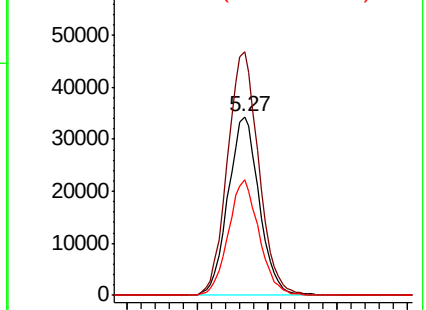


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 54.856 ug/l

RT: 6.16 min Scan# 726

Delta R.T. 0.01 min

Lab File: VY001687.D

Acq: 18 Feb 2020 21:15

Tgt Ion: 45 Resp: 357333

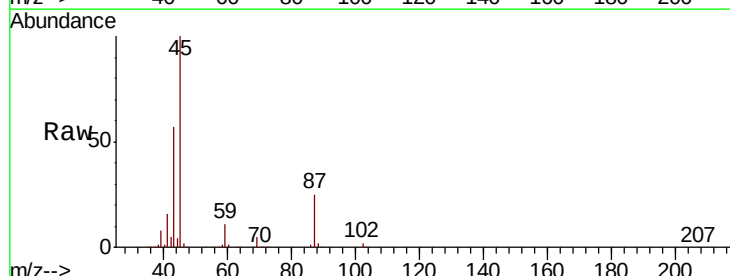
Ion Ratio Lower Upper

45 100

43 56.6 46.4 69.6

87 25.3 22.1 33.1

59 10.9 9.4 14.0



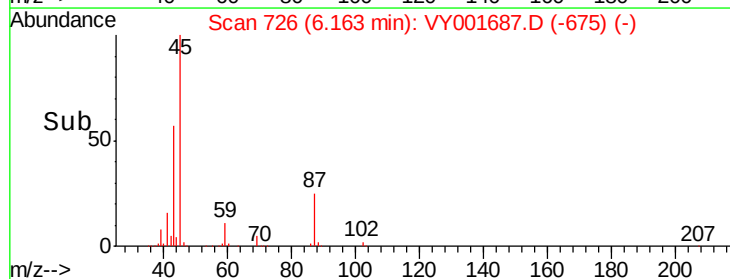
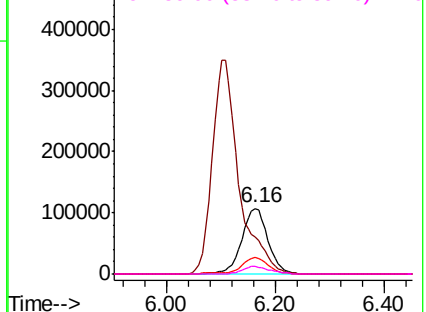
Abundance

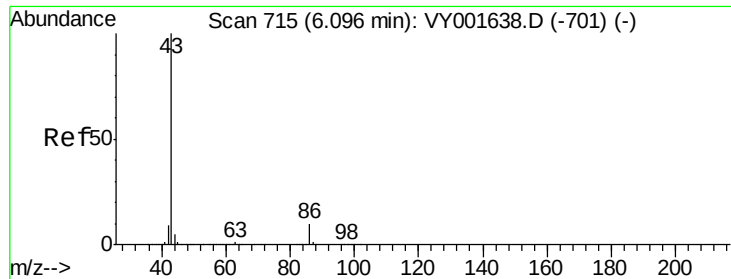
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 277.684 ug/l

RT: 6.11 min Scan# 717

Delta R.T. 0.01 min

Lab File: VY001687.D

Acq: 18 Feb 2020 21:15

Instrument :

MSVOA_Y

ClientSampleId :

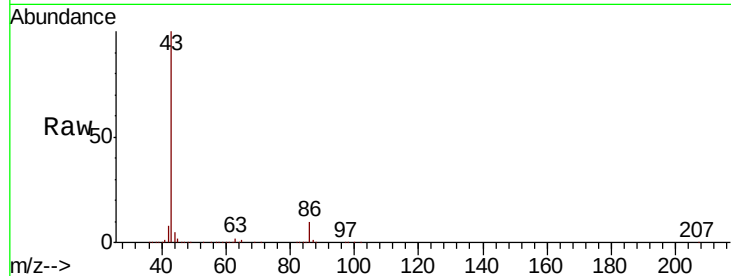
VSTDCCC050EC

Tot Ion: 43 Resp: 1179875

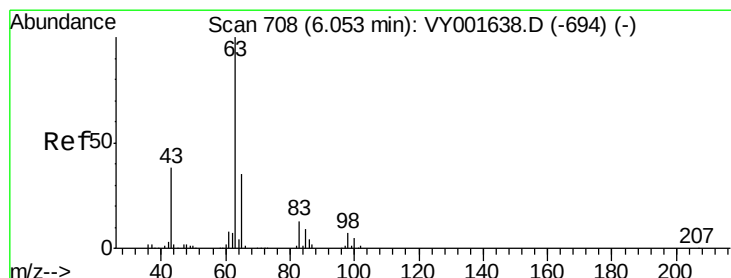
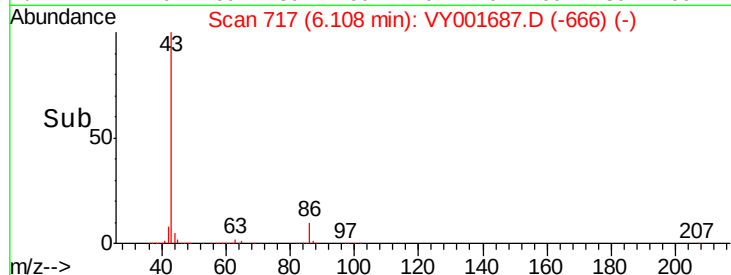
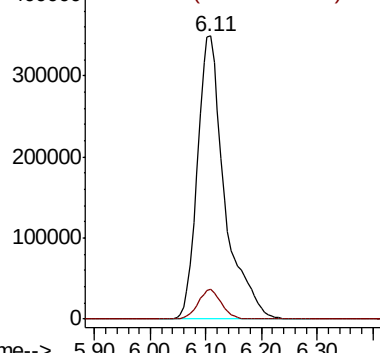
Ion Ratio Lower Upper

43 100

86 10.4 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 53.544 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.01 min

Lab File: VY001687.D

Acq: 18 Feb 2020 21:15

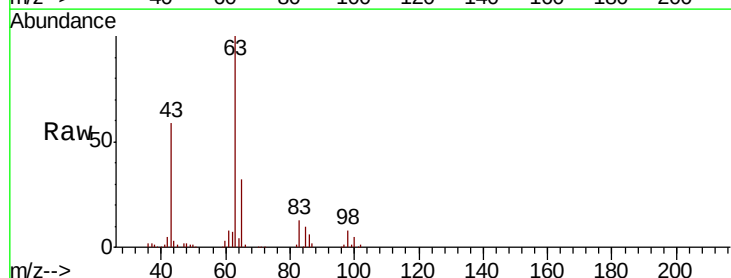
Tgt Ion: 63 Resp: 186416

Ion Ratio Lower Upper

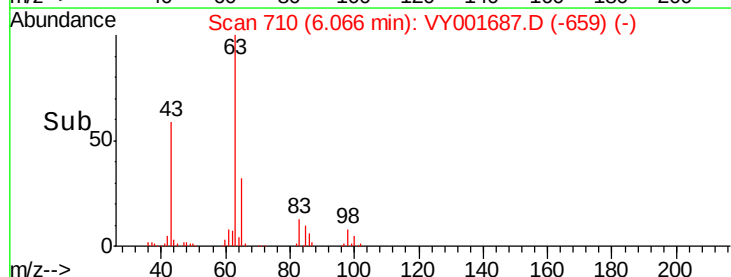
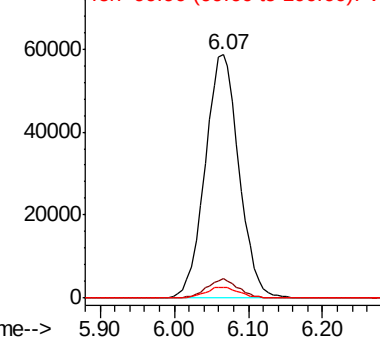
63 100

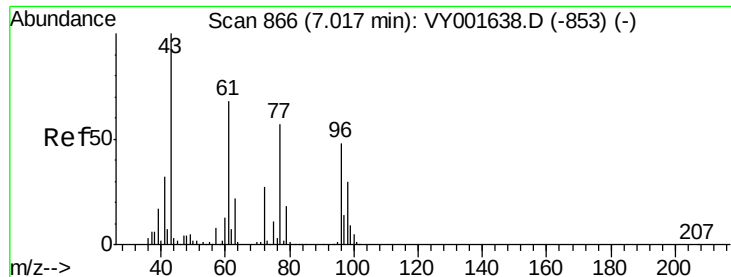
98 8.0 3.4 10.2

100 4.6 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 97.90 (97.60 to 98.60): VY0
Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 254.439 ug/l

RT: 7.03 min Scan# 868

Delta R.T. 0.01 min

Lab File: VY001687.D

Acq: 18 Feb 2020 21:15

Instrument :

MSVOA_Y

ClientSampleId :

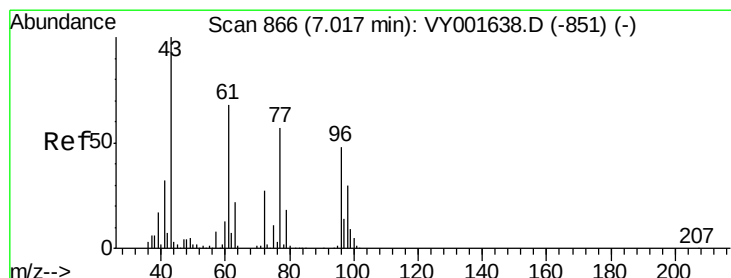
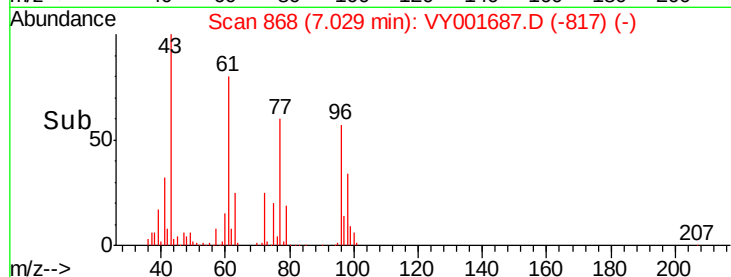
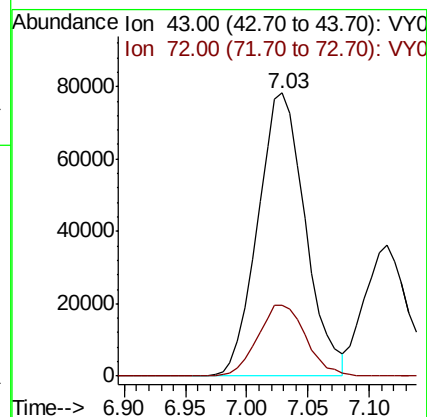
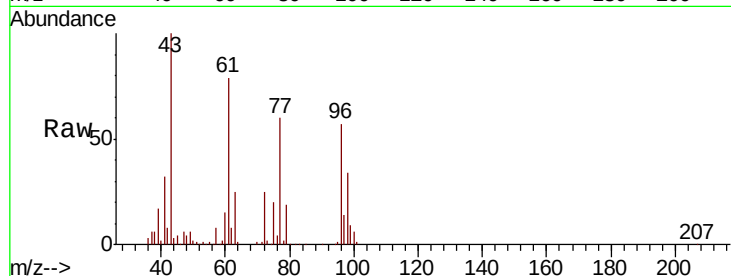
VSTDCCC050EC

Tot Ion: 43 Resp: 211313

Ion Ratio Lower Upper

43 100

72 25.1 21.2 31.8



#26

2,2-Dichloropropane

Concen: 48.116 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY001687.D

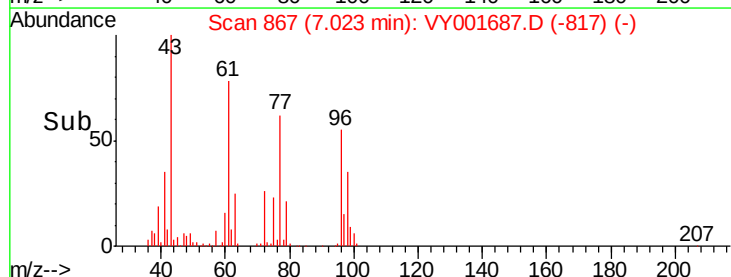
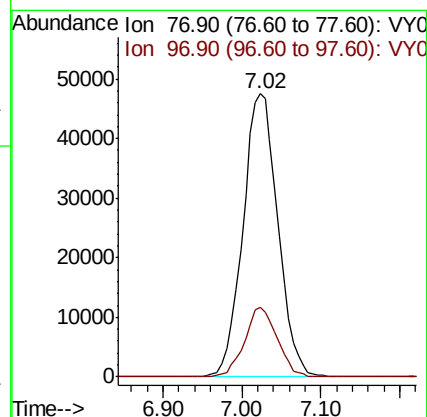
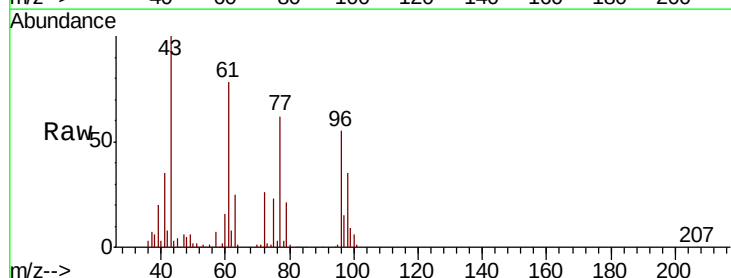
Acq: 18 Feb 2020 21:15

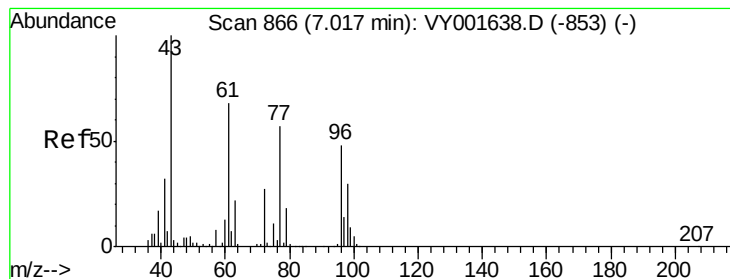
Tgt Ion: 77 Resp: 145745

Ion Ratio Lower Upper

77 100

97 23.0 11.8 35.4



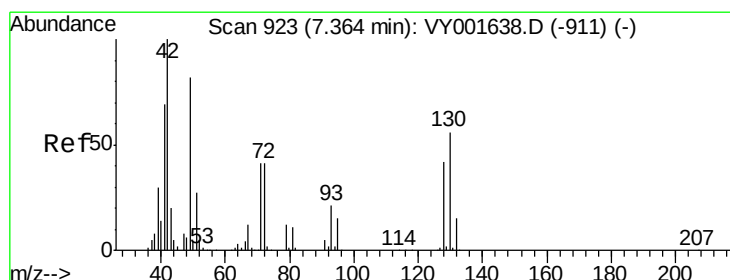
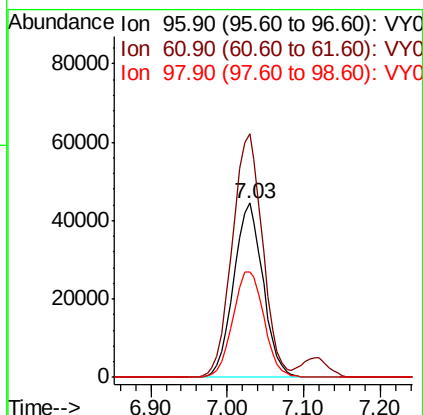
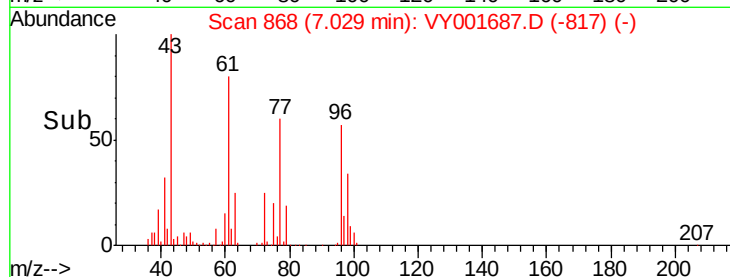
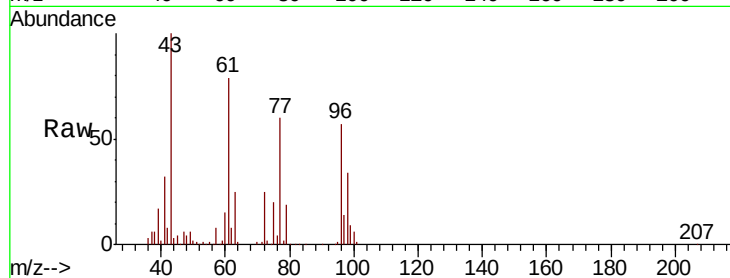


#27

cis-1,2-Dichloroethene
Concen: 52.942 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.01 min
Lab File: VY001687.D
Acq: 18 Feb 2020 21:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

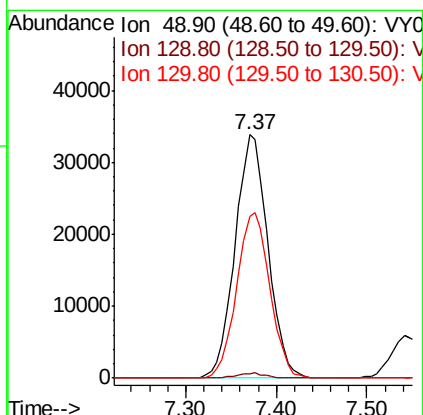
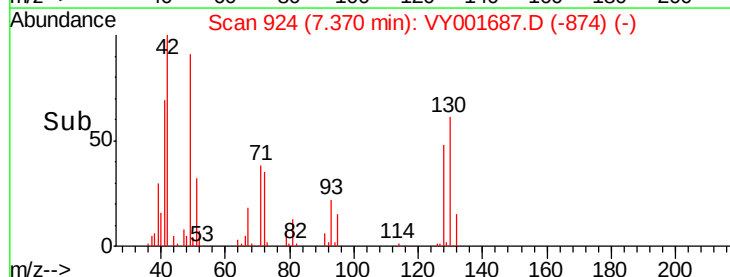
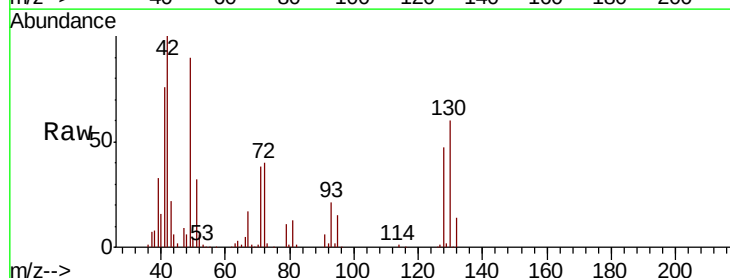
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.8	0.0	290.8
98	63.7	0.0	128.6

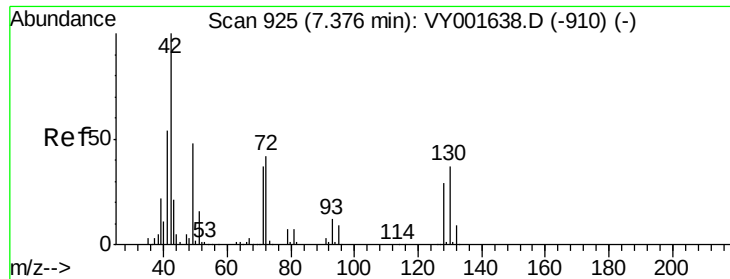


#28

Bromochloromethane
Concen: 58.597 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY001687.D
Acq: 18 Feb 2020 21:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	68.5	56.2	84.4

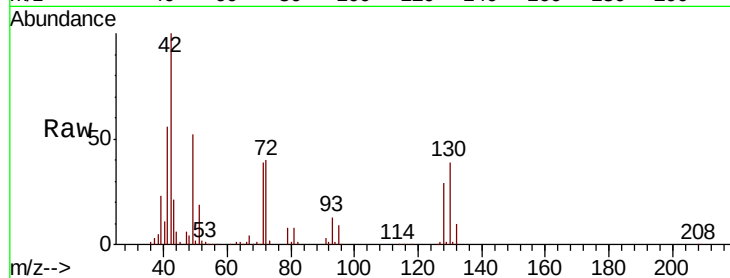




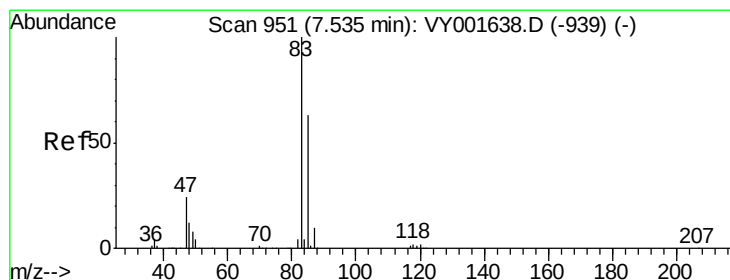
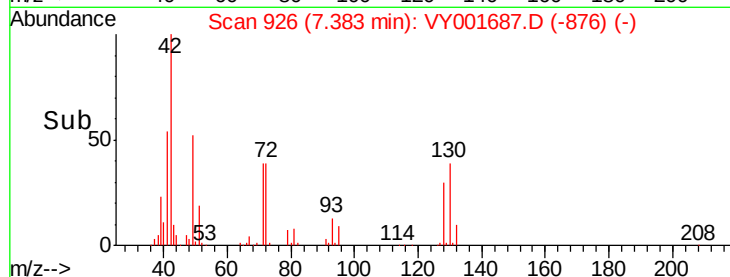
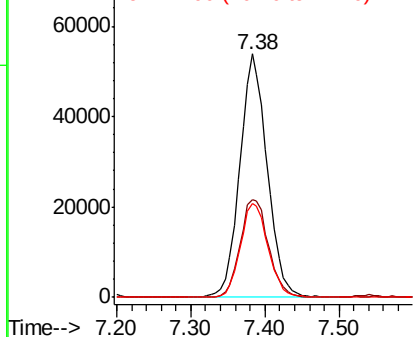
#29
Tetrahydrofuran
Concen: 276.623 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.01 min
Lab File: VY001687.D
Acq: 18 Feb 2020 21:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 138858
Ion Ratio Lower Upper
42 100
72 41.5 34.4 51.6
71 39.1 31.8 47.8

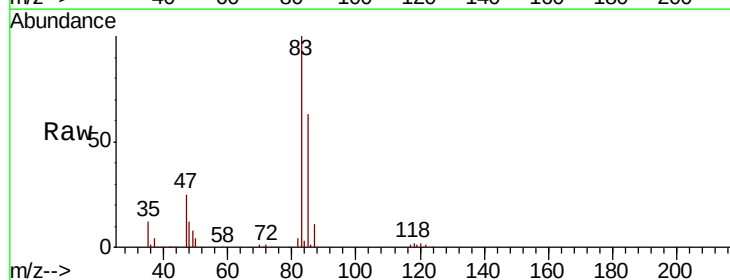


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

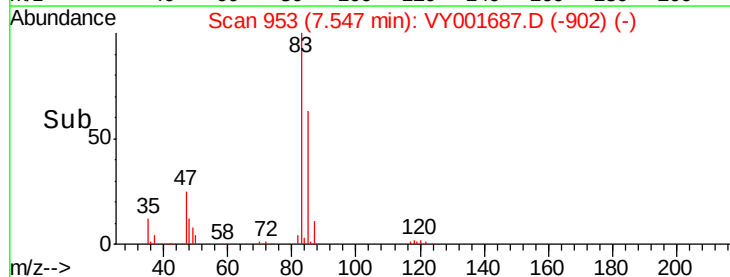
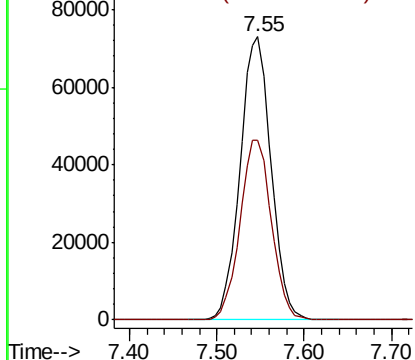


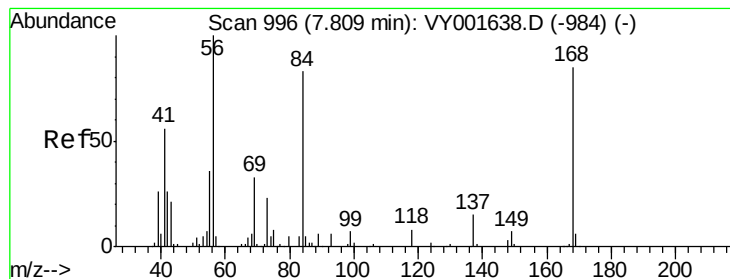
#30
Chloroform
Concen: 52.742 ug/l
RT: 7.55 min Scan# 953
Delta R.T. 0.01 min
Lab File: VY001687.D
Acq: 18 Feb 2020 21:15

Tgt Ion: 83 Resp: 179420
Ion Ratio Lower Upper
83 100
85 63.5 51.6 77.4



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





#31

Cyclohexane

Concen: 48.577 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001687.D

Acq: 18 Feb 2020 21:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

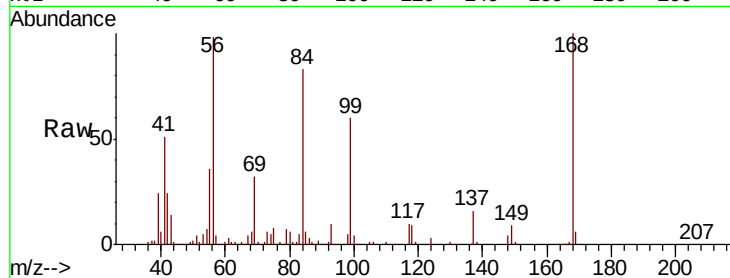
Tot Ion: 56 Resp: 180321

Ion Ratio Lower Upper

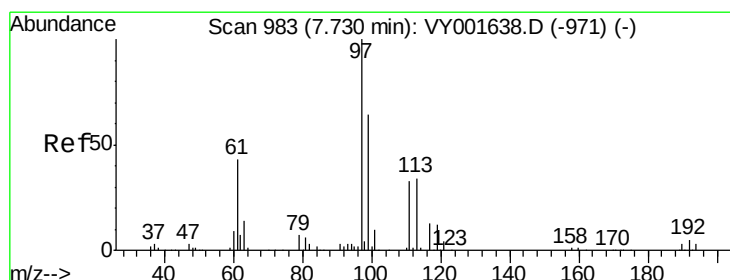
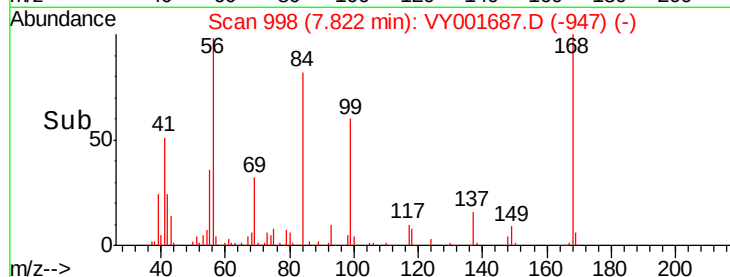
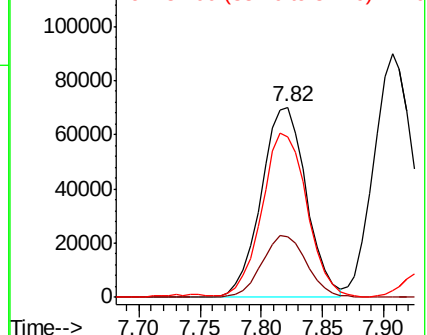
56 100

69 32.2 25.1 37.7

84 83.0 66.9 100.3



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



#32

1,1,1-Trichloroethane

Concen: 51.712 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY001687.D

Acq: 18 Feb 2020 21:15

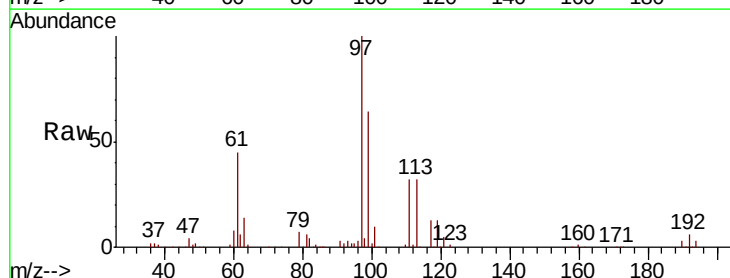
Tgt Ion: 97 Resp: 147851

Ion Ratio Lower Upper

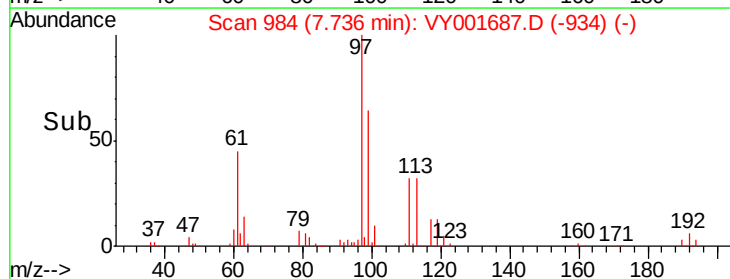
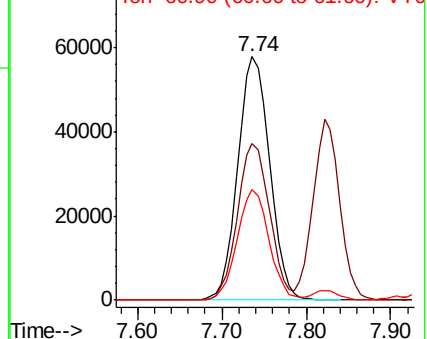
97 100

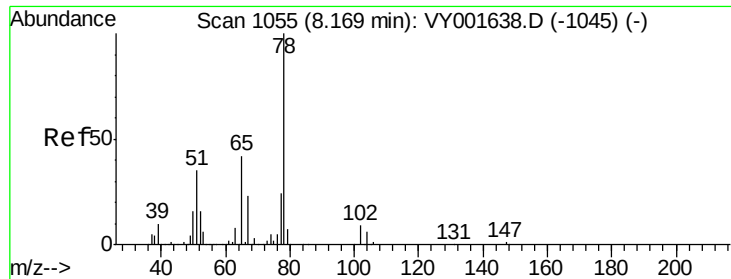
99 64.9 51.2 76.8

61 45.3 35.0 52.6



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

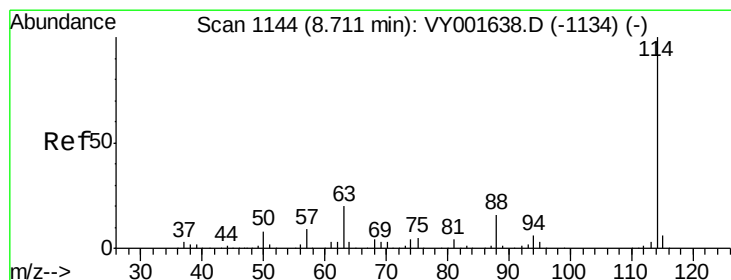
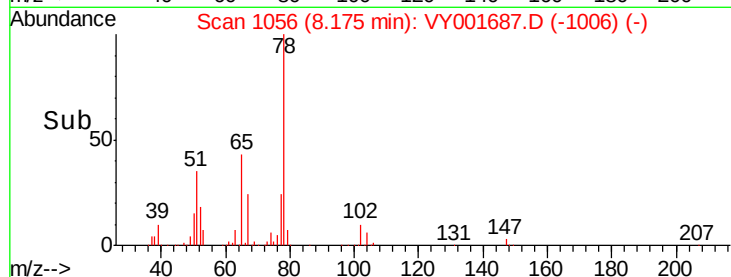
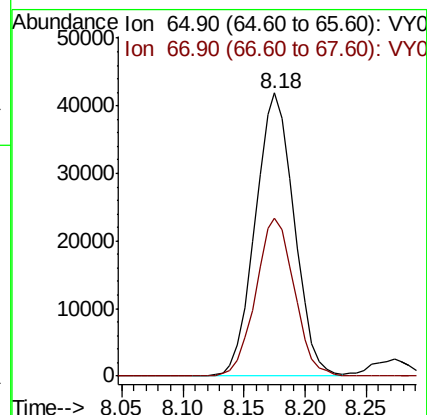
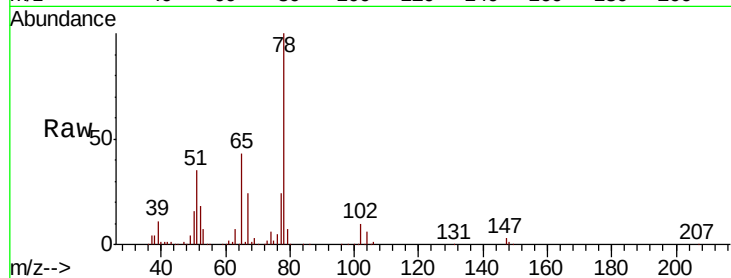




#33
 1,2-Dichloroethane-d4
 Concen: 52.419 ug/l
 RT: 8.18 min Scan# 1056
 Delta R.T. 0.01 min
 Lab File: VY001687.D
 Acq: 18 Feb 2020 21:15

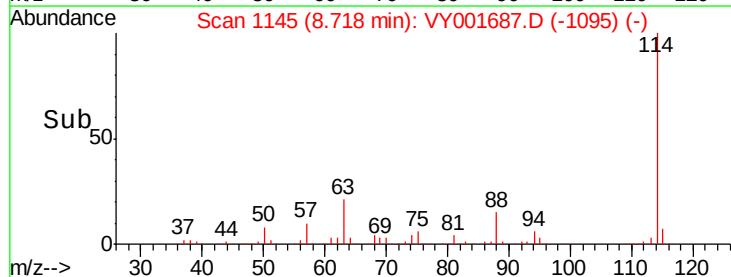
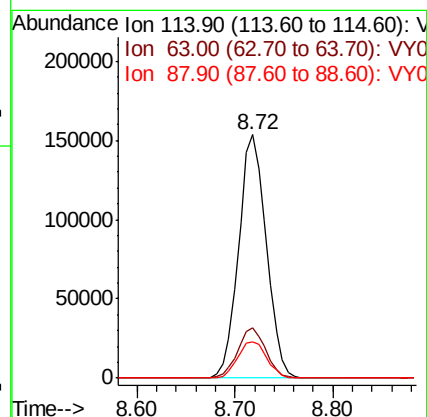
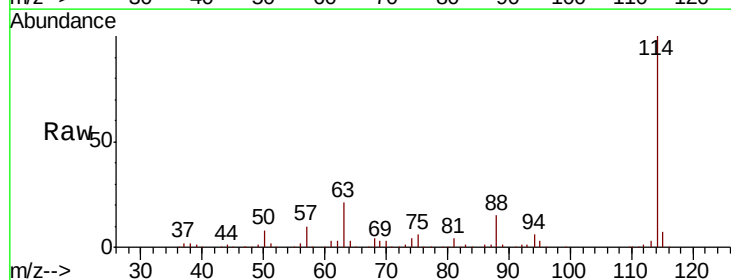
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

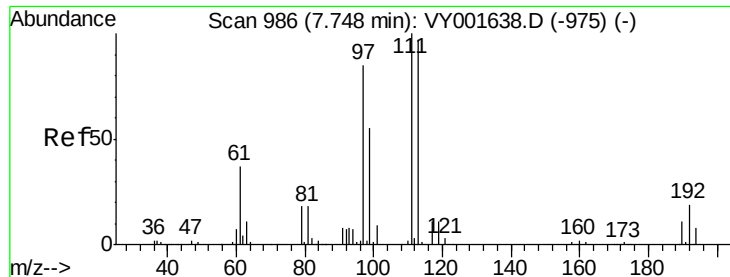
Tot Ion: 65 Resp: 92618
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001687.D
 Acq: 18 Feb 2020 21:15

Tgt Ion: 114 Resp: 301174
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.4
 88 15.0 0.0 32.8

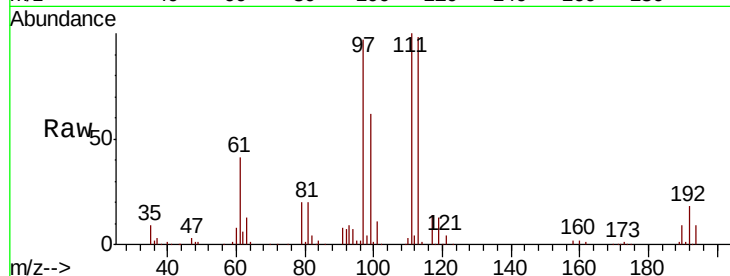




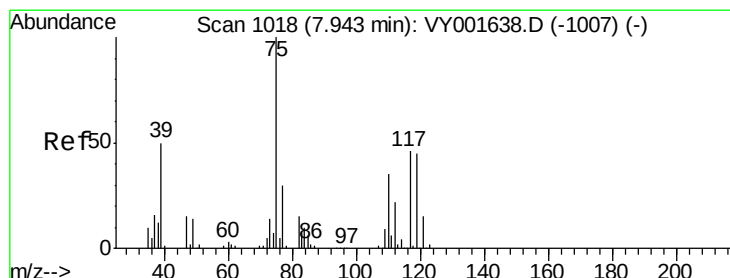
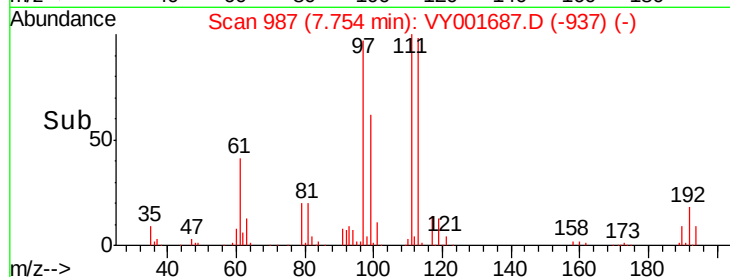
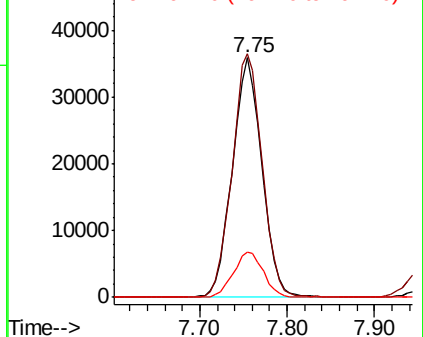
#35
Dibromofluoromethane
Concen: 48.761 ug/l
RT: 7.75 min Scan# 987
Delta R.T. 0.01 min
Lab File: VY001687.D
Acq: 18 Feb 2020 21:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:113 Resp: 84112
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 19.0 14.3 21.5

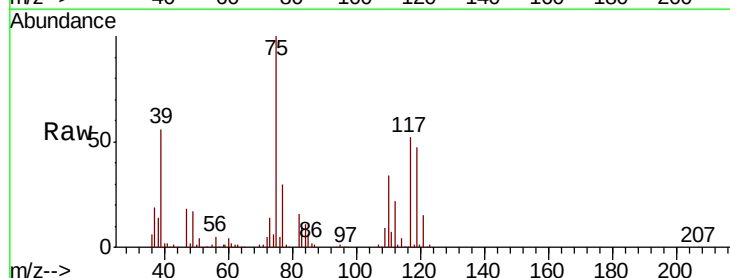


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

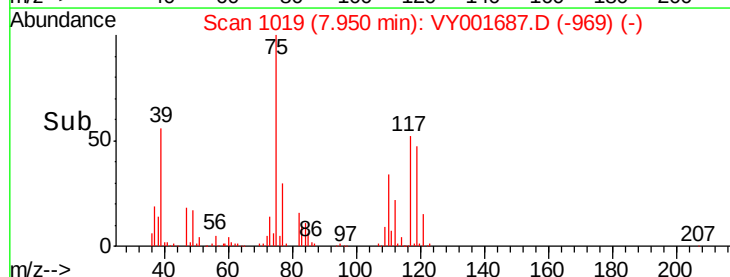
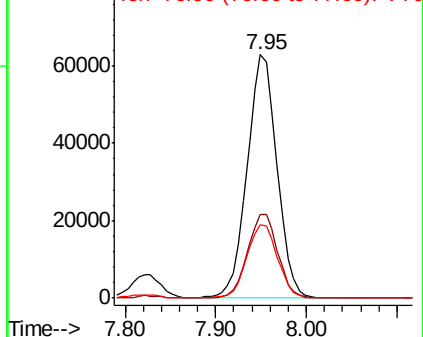


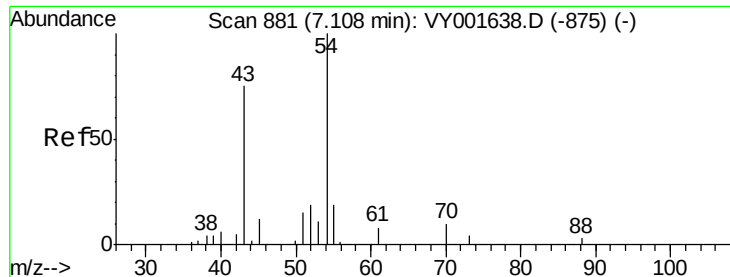
#36
1,1-Dichloropropene
Concen: 49.719 ug/l
RT: 7.95 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VY001687.D
Acq: 18 Feb 2020 21:15

Tgt Ion: 75 Resp: 143031
Ion Ratio Lower Upper
75 100
110 34.9 17.2 51.6
77 31.0 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VY0

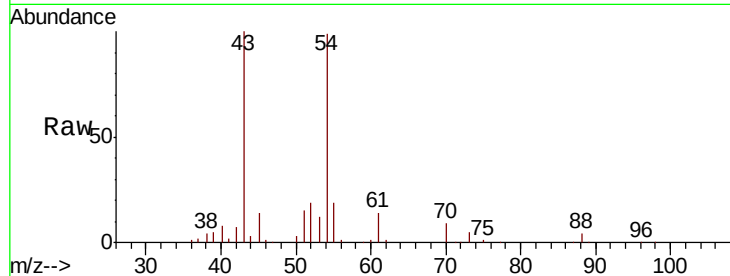




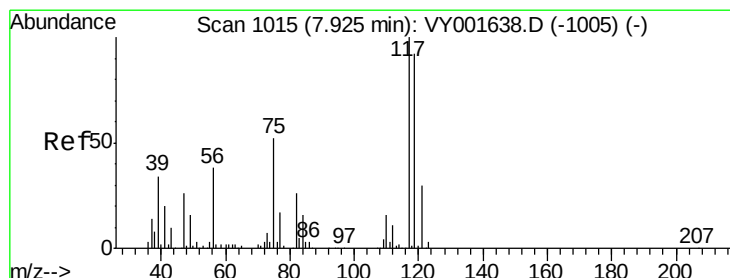
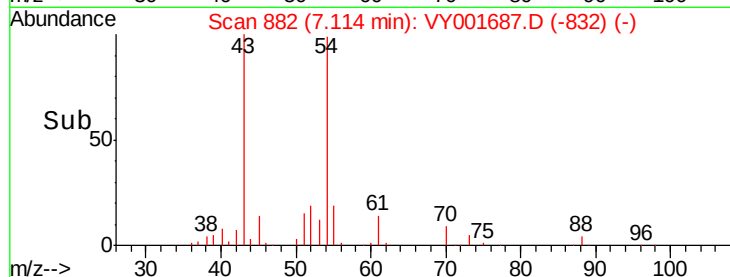
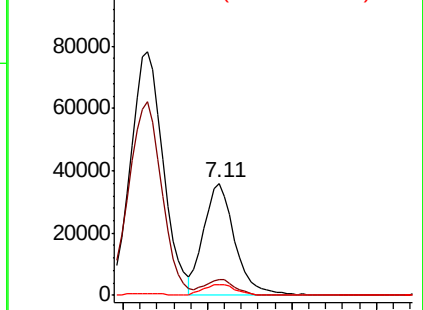
#37
Ethyl Acetate
Concen: 53.612 ug/l
RT: 7.11 min Scan# 882
Delta R.T. 0.01 min
Lab File: VY001687.D
Acq: 18 Feb 2020 21:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 92053
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.6
70 10.2 8.8 13.2

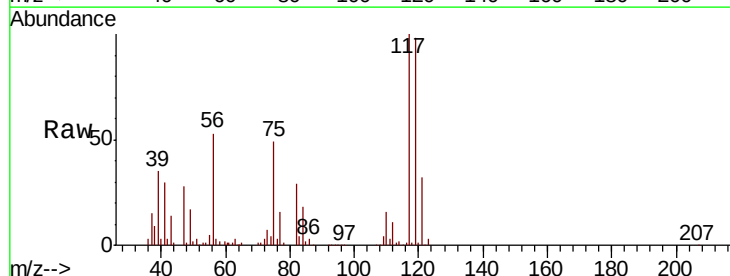


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

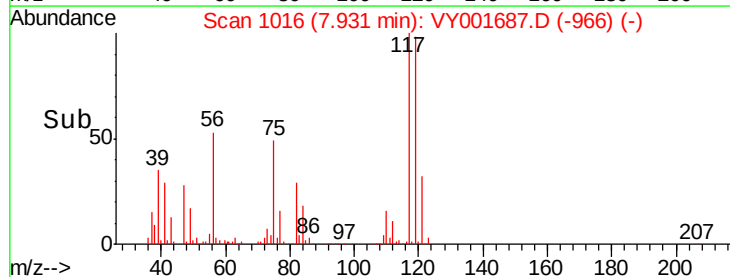
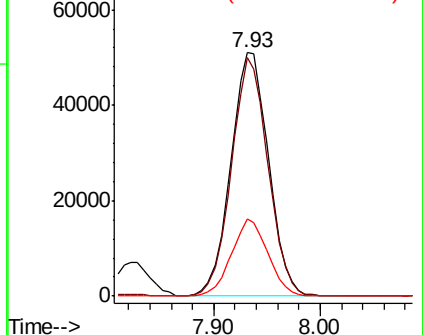


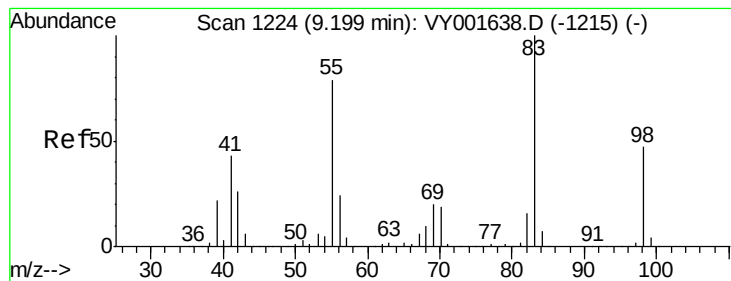
#38
Carbon Tetrachloride
Concen: 50.158 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VY001687.D
Acq: 18 Feb 2020 21:15

Tgt Ion: 117 Resp: 126742
Ion Ratio Lower Upper
117 100
119 97.6 74.8 112.2
121 31.7 23.8 35.6



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





#39

Methylvlcyclohexane

Concen: 48.844 ug/l

RT: 9.21 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VY001687.D

Acq: 18 Feb 2020 21:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

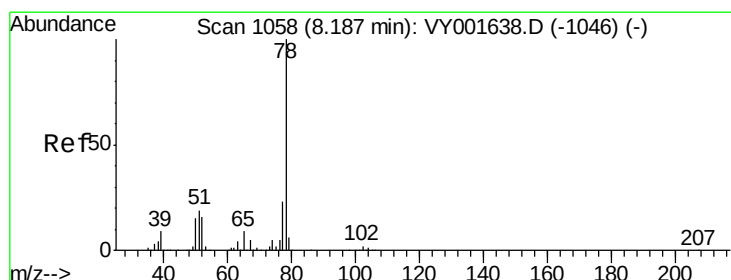
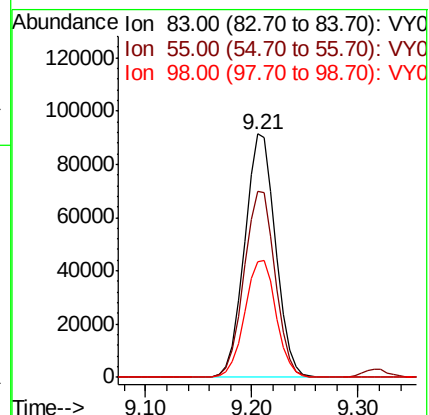
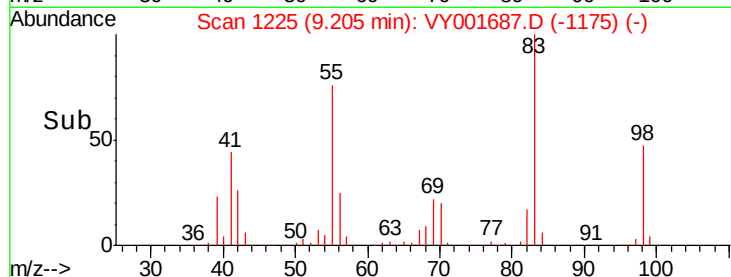
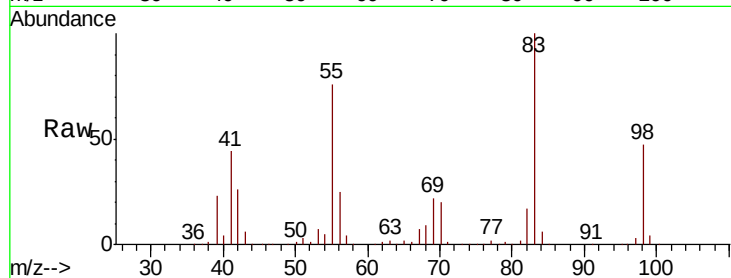
Tot Ion: 83 Resp: 186417

Ion Ratio Lower Upper

83 100

55 76.2 61.3 91.9

98 47.5 38.0 57.0



#40

Benzene

Concen: 52.435 ug/l

RT: 8.19 min Scan# 1059

Delta R.T. 0.01 min

Lab File: VY001687.D

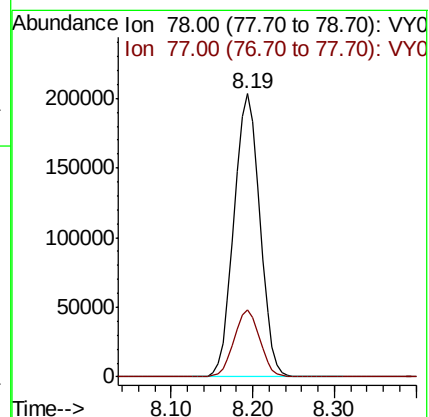
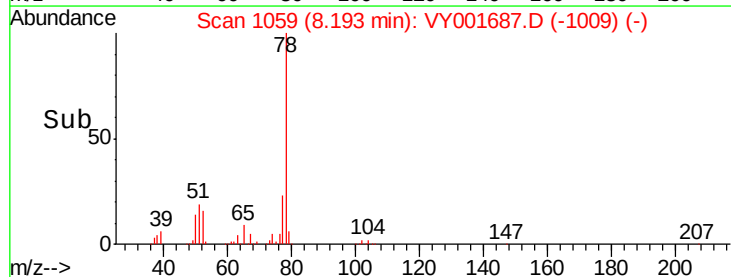
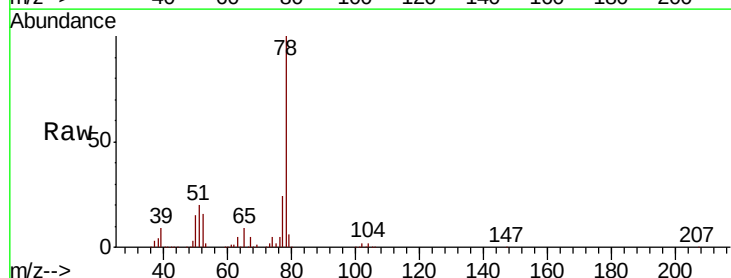
Acq: 18 Feb 2020 21:15

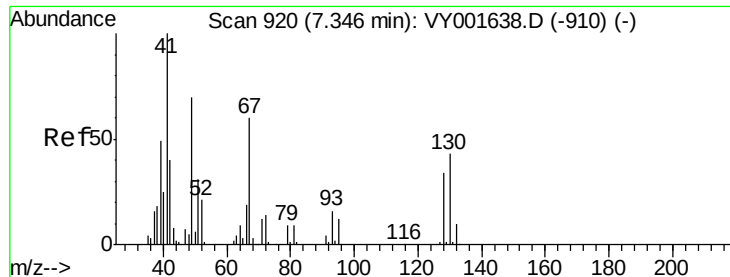
Tgt Ion: 78 Resp: 443643

Ion Ratio Lower Upper

78 100

77 23.5 18.2 27.4

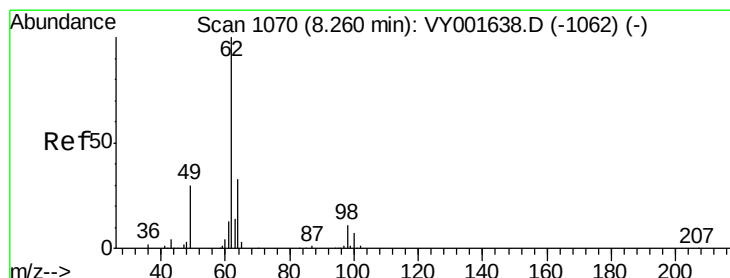
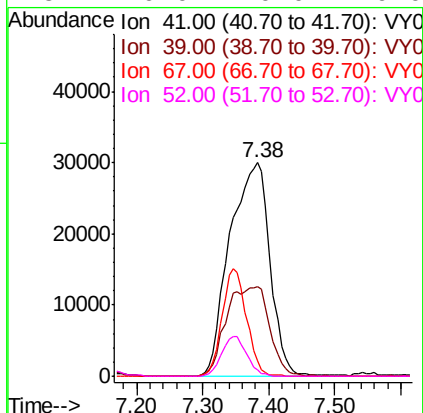
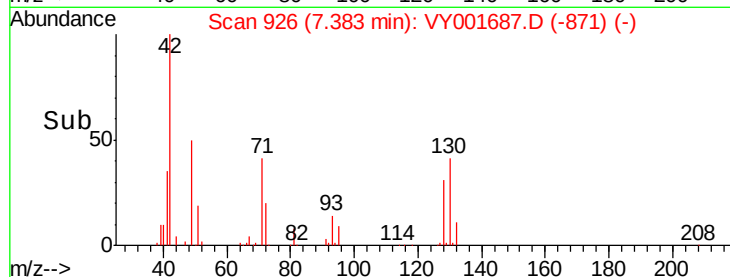
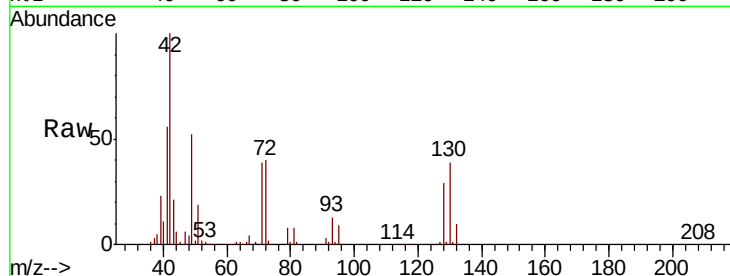




#41
Methacrylonitrile
Concen: 146.233 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.04 min
Lab File: VY001687.D
Acq: 18 Feb 2020 21:15

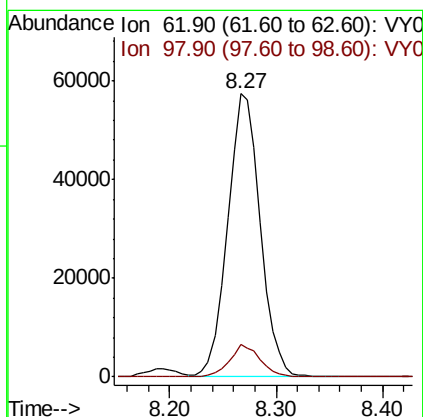
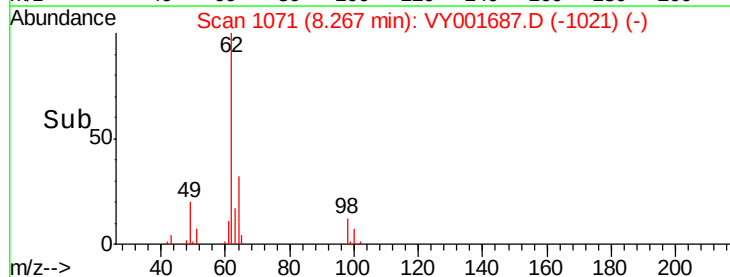
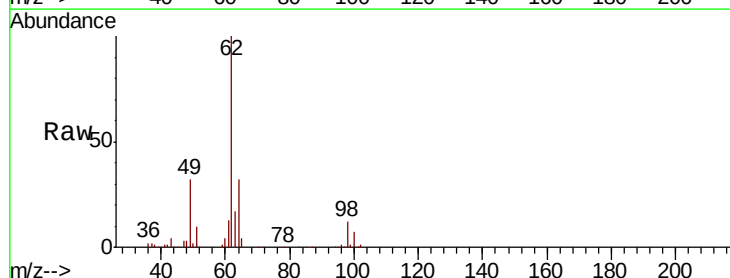
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

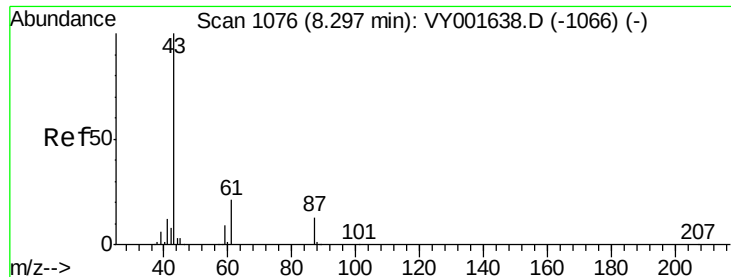
Tot Ion: 41 Resp: 126072
Ion Ratio Lower Upper
41 100
39 45.0 36.0 54.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 53.338 ug/l
RT: 8.27 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VY001687.D
Acq: 18 Feb 2020 21:15

Tgt Ion: 62 Resp: 122944
Ion Ratio Lower Upper
62 100
98 10.6 0.0 20.8





#43

Isopropyl Acetate

Concen: 55.327 ug/l

RT: 8.30 min Scan# 1077

Delta R.T. 0.01 min

Lab File: VY001687.D

Acq: 18 Feb 2020 21:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

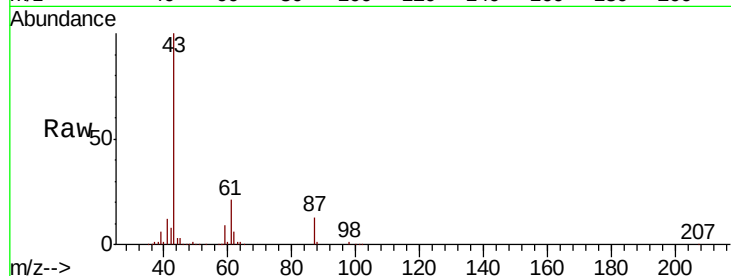
Tot Ion: 43 Resp: 180244

Ion Ratio Lower Upper

43 100

61 28.4 23.0 34.4

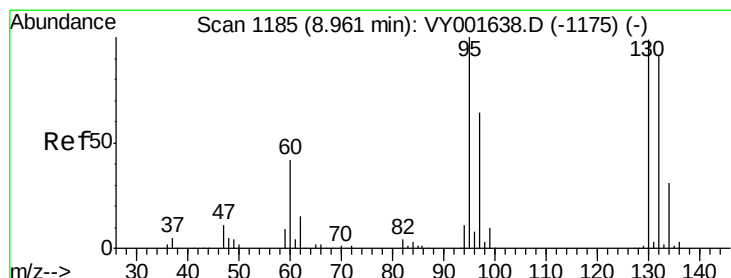
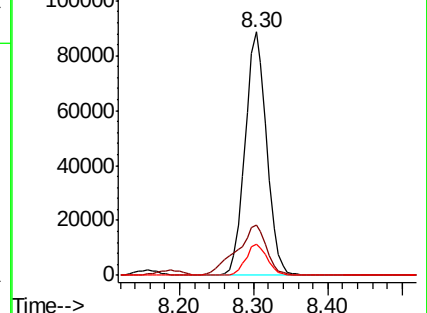
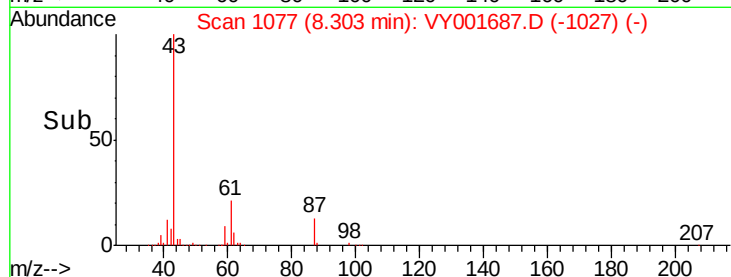
87 12.8 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VY001687.D (-1077) (-)

Ion 61.00 (60.70 to 61.70): VY001687.D (-1077) (-)

Ion 87.00 (86.70 to 87.70): VY001687.D (-1077) (-)



#44

Trichloroethene

Concen: 50.702 ug/l

RT: 8.96 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VY001687.D

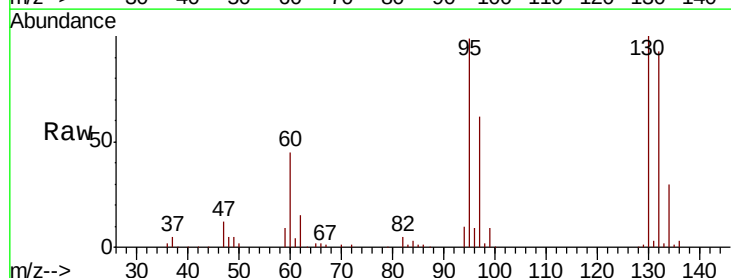
Acq: 18 Feb 2020 21:15

Tgt Ion:130 Resp: 107088

Ion Ratio Lower Upper

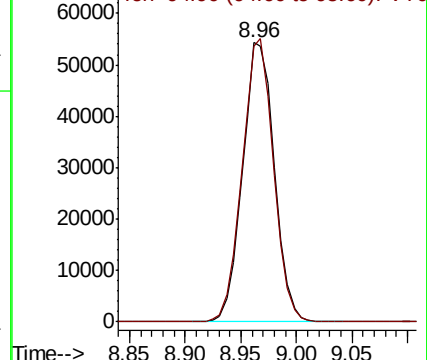
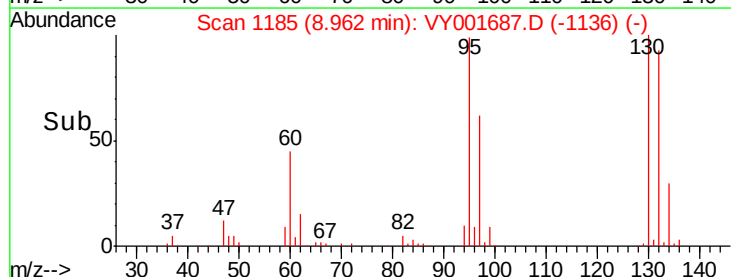
130 100

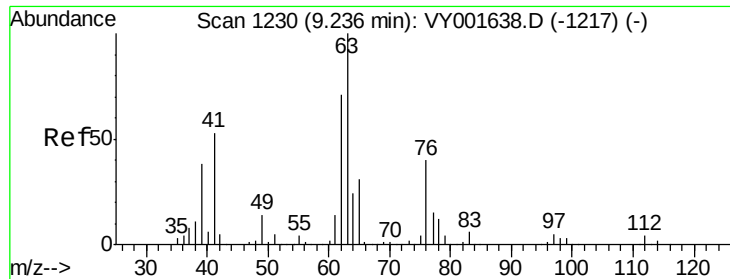
95 98.8 0.0 200.6



Abundance Ion 129.80 (129.50 to 130.50): VY001687.D (-1185) (-)

Ion 94.90 (94.60 to 95.60): VY001687.D (-1185) (-)

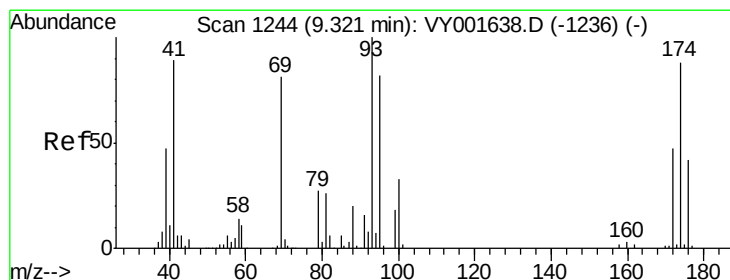
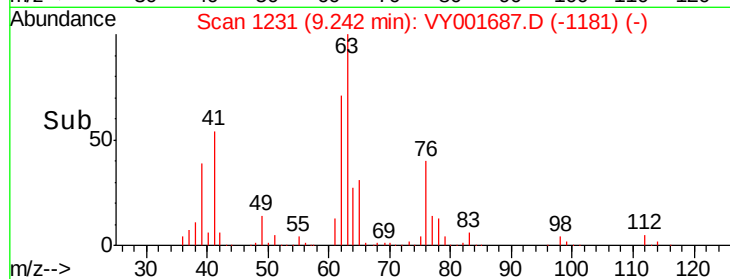
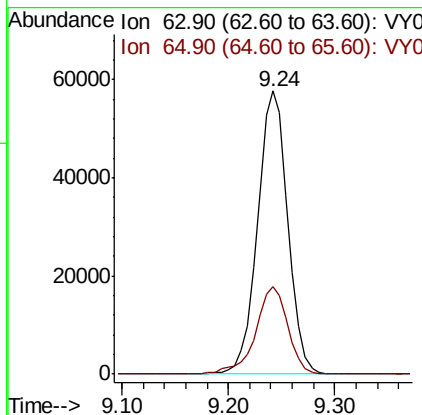
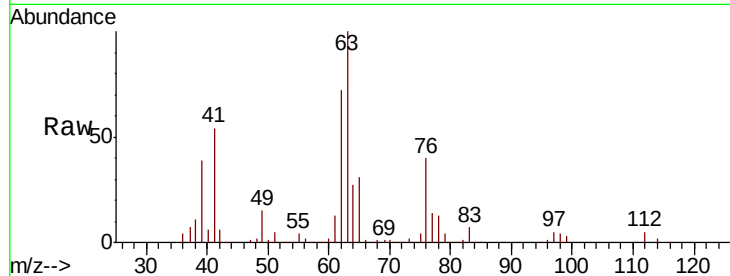




#45
 1,2-Dichloropropane
 Concen: 53.947 ug/l
 RT: 9.24 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: VY001687.D
 Acq: 18 Feb 2020 21:15

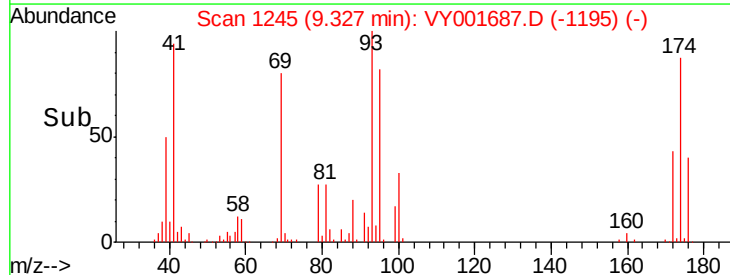
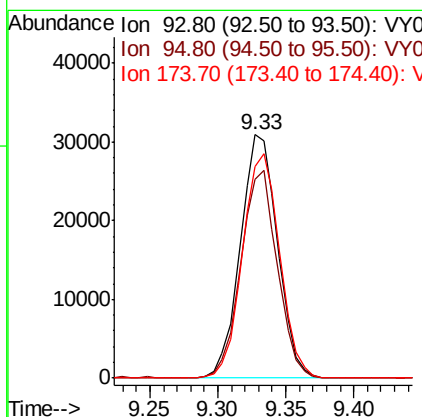
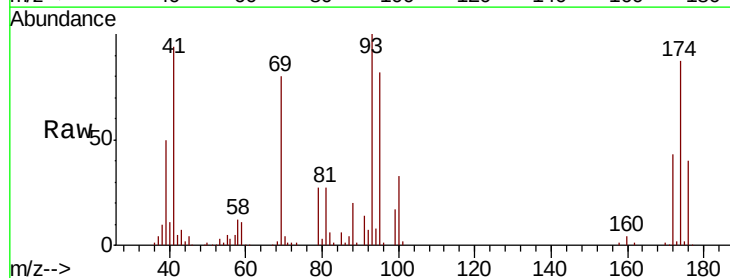
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

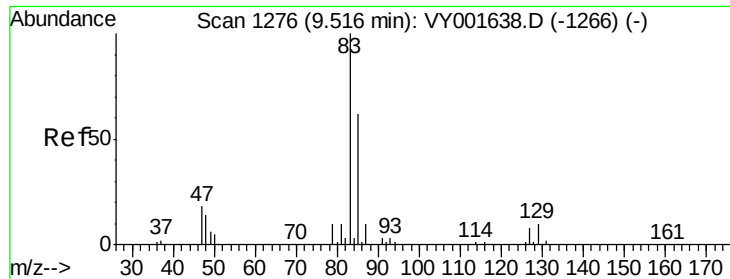
Tot Ion: 63 Resp: 114309
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.6 37.0



#46
 Dibromomethane
 Concen: 53.325 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.01 min
 Lab File: VY001687.D
 Acq: 18 Feb 2020 21:15

Tgt Ion: 93 Resp: 59099
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.1 99.1
 174 92.4 72.5 108.7





#47

Bromodichloromethane

Concen: 53.778 ug/l

RT: 9.52 min Scan# 1277

Delta R.T. 0.01 min

Lab File: VY001687.D

Acq: 18 Feb 2020 21:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

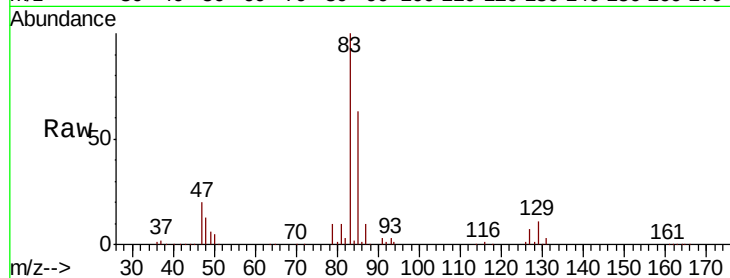
Tot Ion: 83 Resp: 143845

Ion Ratio Lower Upper

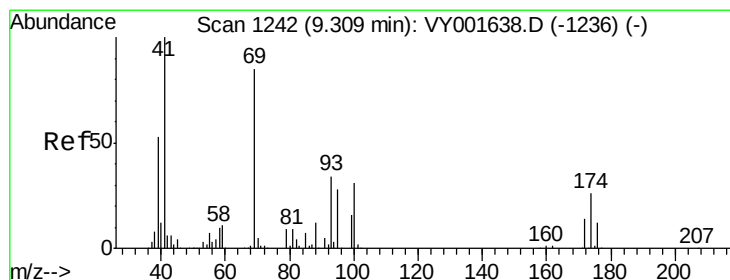
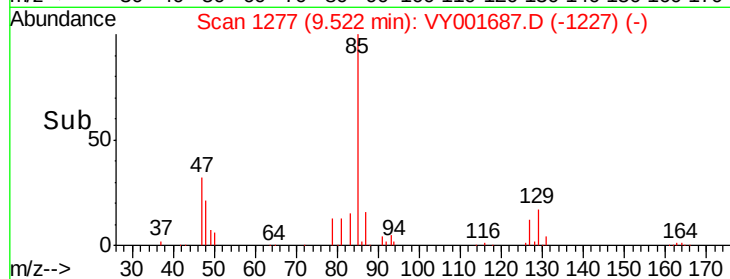
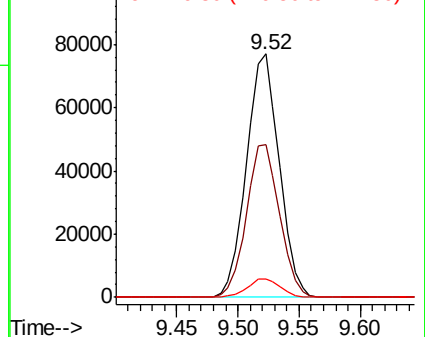
83 100

85 63.0 51.4 77.0

127 7.5 6.4 9.6



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



#48

Methyl methacrylate

Concen: 55.107 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY001687.D

Acq: 18 Feb 2020 21:15

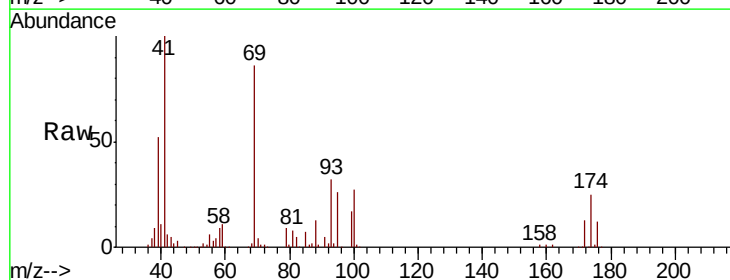
Tgt Ion: 41 Resp: 81194

Ion Ratio Lower Upper

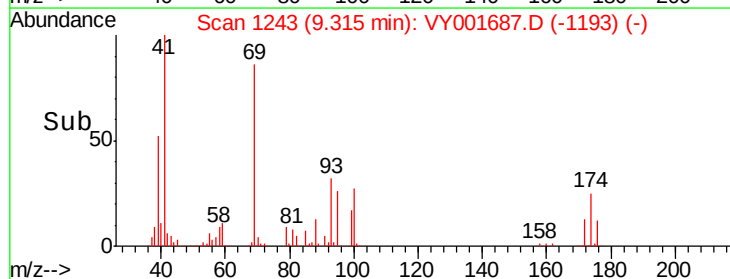
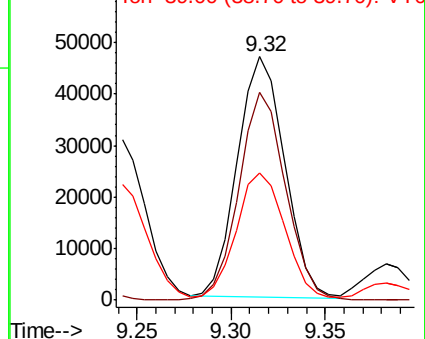
41 100

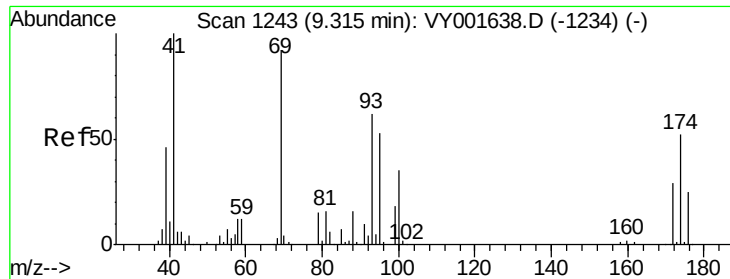
69 85.6 70.7 106.1

39 52.5 42.2 63.2



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





#49

1,4-Dioxane

Concen: 1001.962 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VY001687.D

Acq: 18 Feb 2020 21:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

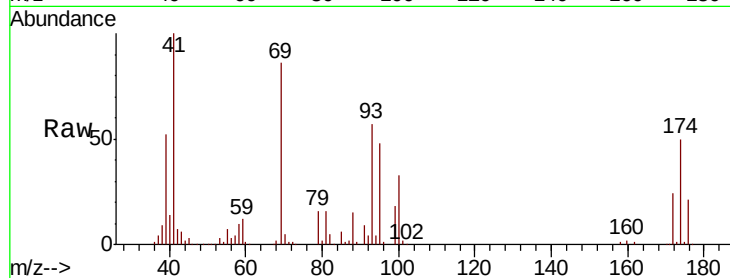
Tot Ion: 88 Resp: 15684

Ion Ratio Lower Upper

88 100

43 32.8 23.1 34.7

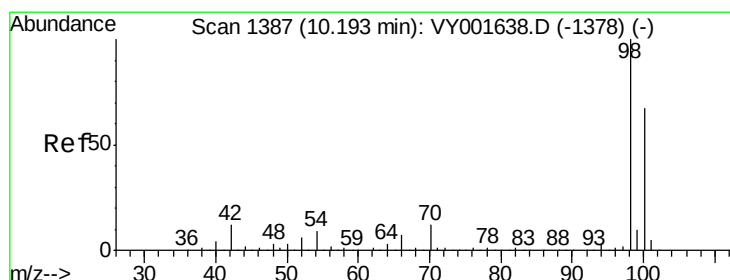
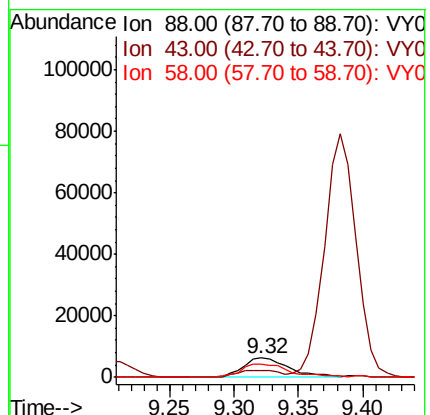
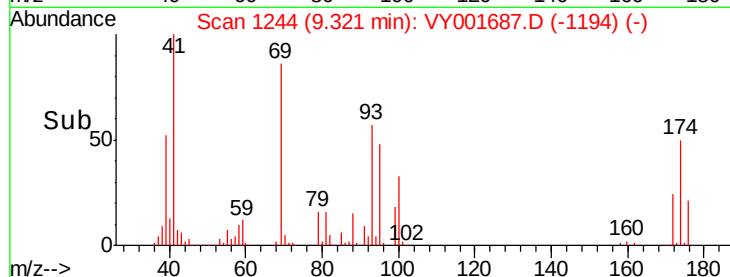
58 75.9 58.1 87.1



Abundance Ion 88.00 (87.70 to 88.70): VY001687.D (-1194) (-)

Ion 43.00 (42.70 to 43.70): VY001687.D (-1194) (-)

Ion 58.00 (57.70 to 58.70): VY001687.D (-1194) (-)



#50

Toluene-d8

Concen: 51.693 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001687.D

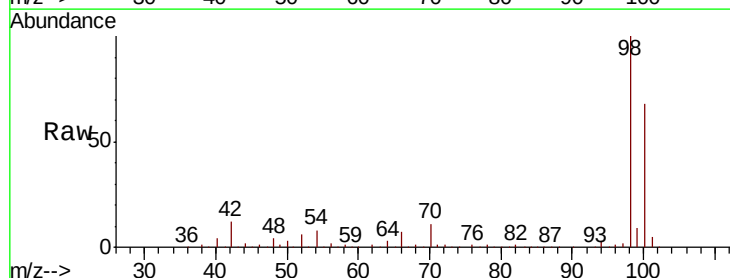
Acq: 18 Feb 2020 21:15

Tgt Ion: 98 Resp: 349338

Ion Ratio Lower Upper

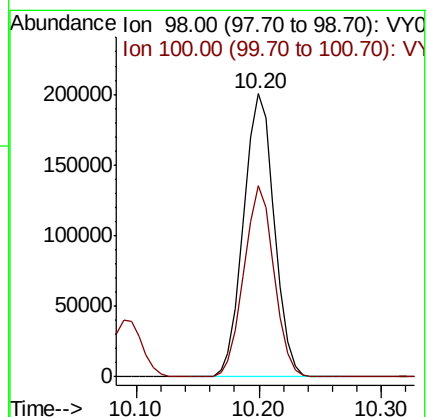
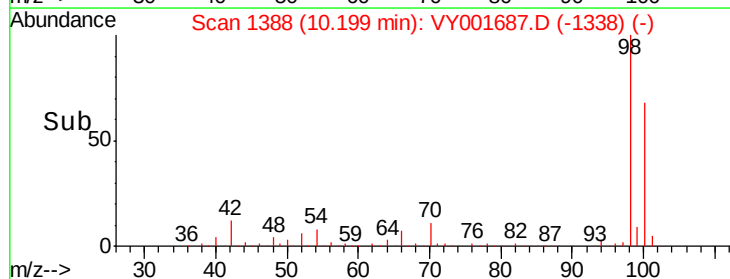
98 100

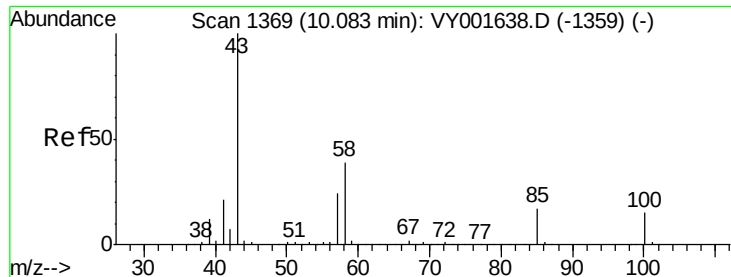
100 66.1 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001687.D (-1338) (-)

Ion 100.00 (99.70 to 100.70): VY001687.D (-1338) (-)

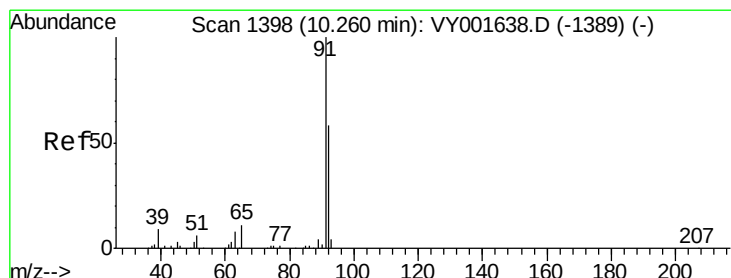
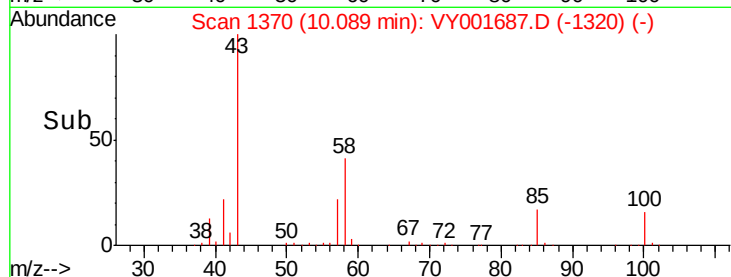
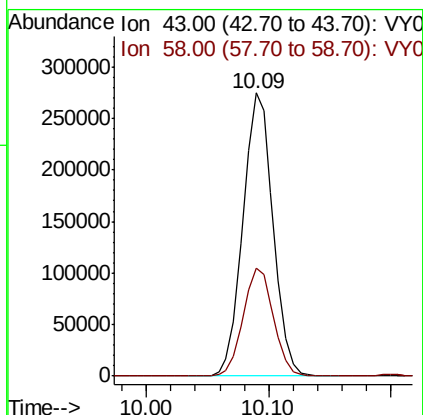
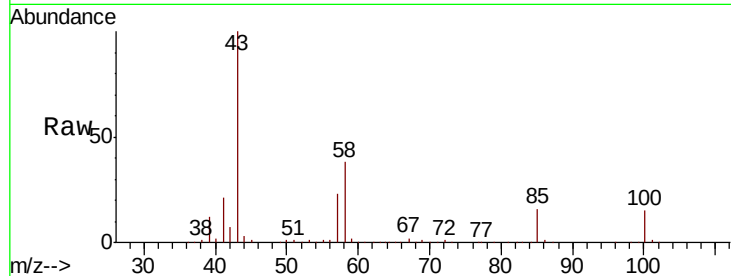




#51
4-Methyl-2-Pentanone
Concen: 279.251 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VY001687.D
Acq: 18 Feb 2020 21:15

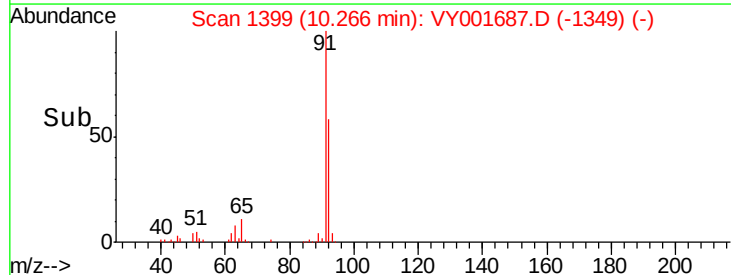
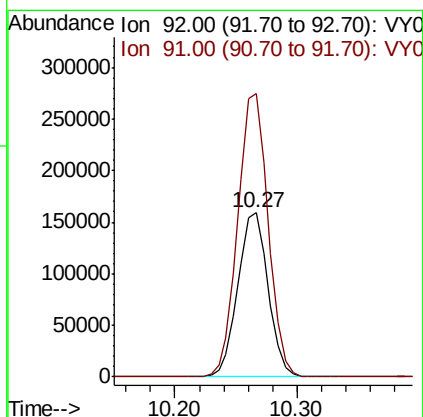
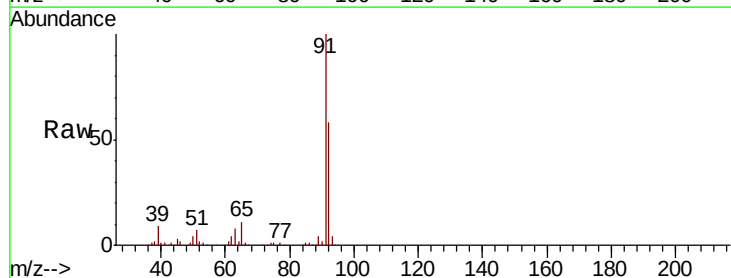
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

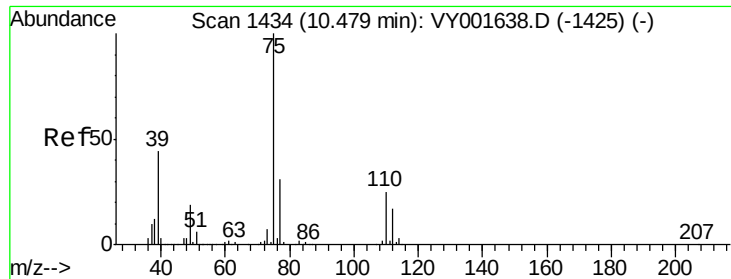
Tot Ion: 43 Resp: 467418
Ion Ratio Lower Upper
43 100
58 38.4 32.2 48.4



#52
Toluene
Concen: 51.481 ug/l
RT: 10.27 min Scan# 1399
Delta R.T. 0.01 min
Lab File: VY001687.D
Acq: 18 Feb 2020 21:15

Tgt Ion: 92 Resp: 271697
Ion Ratio Lower Upper
92 100
91 173.4 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 52.884 ug/l

RT: 10.49 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VY001687.D

Acq: 18 Feb 2020 21:15

Instrument :

MSVOA_Y

ClientSampleId :

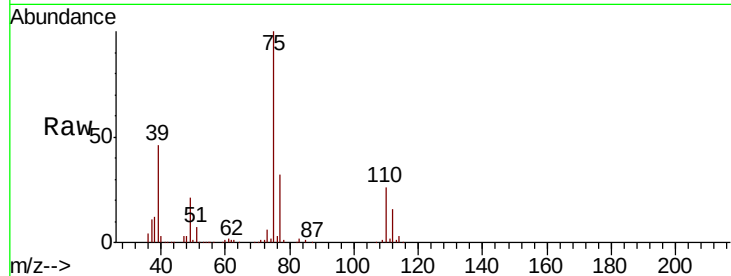
VSTDCCC050EC

Tot Ion: 75 Resp: 156379

Ion Ratio Lower Upper

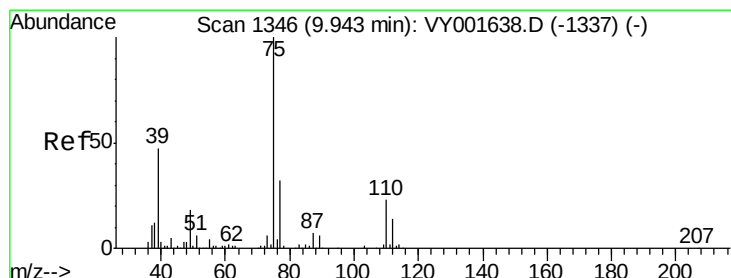
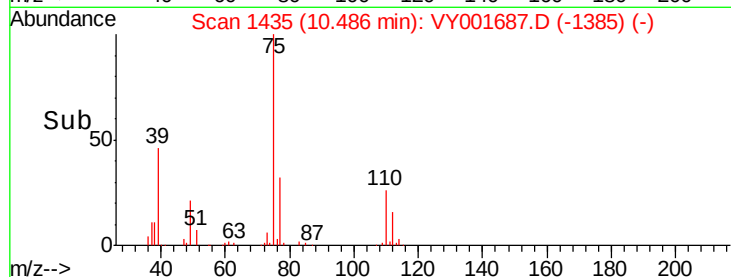
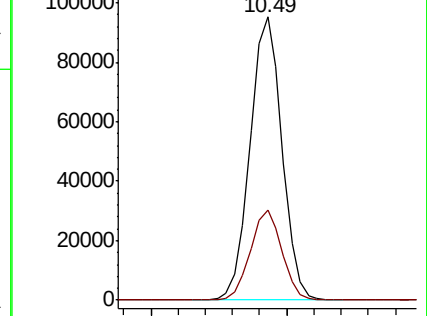
75 100

77 31.6 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 52.461 ug/l

RT: 9.95 min Scan# 1347

Delta R.T. 0.01 min

Lab File: VY001687.D

Acq: 18 Feb 2020 21:15

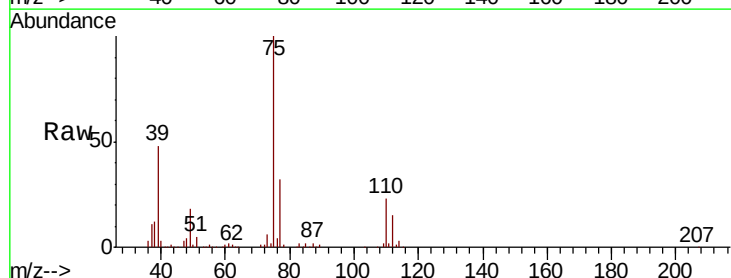
Tgt Ion: 75 Resp: 178542

Ion Ratio Lower Upper

75 100

77 31.9 25.7 38.5

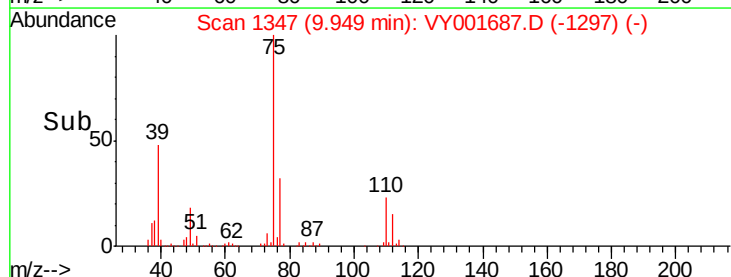
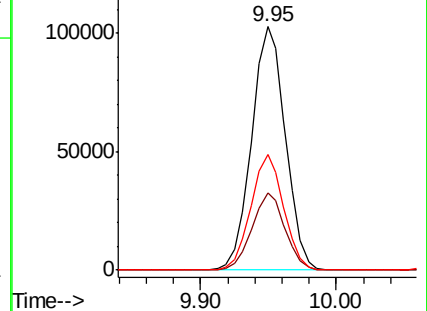
39 47.6 35.7 53.5

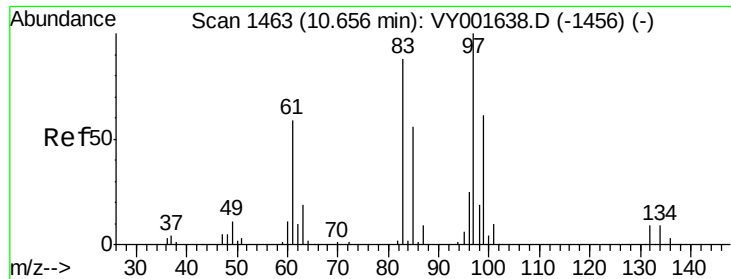


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

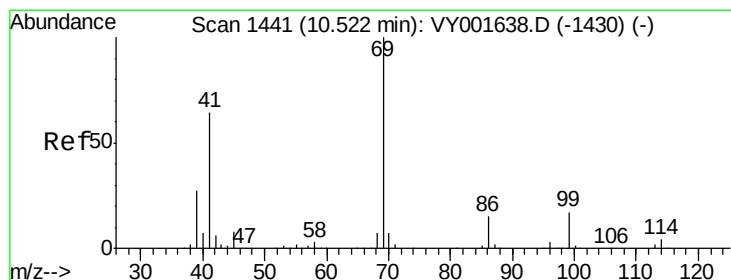
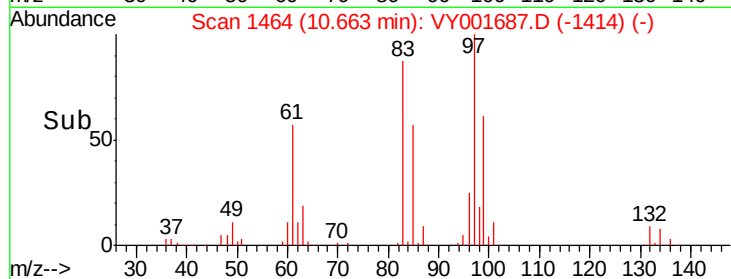
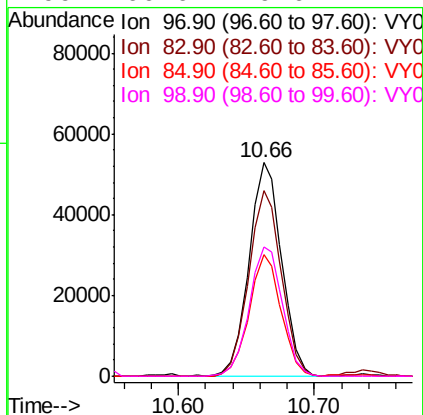
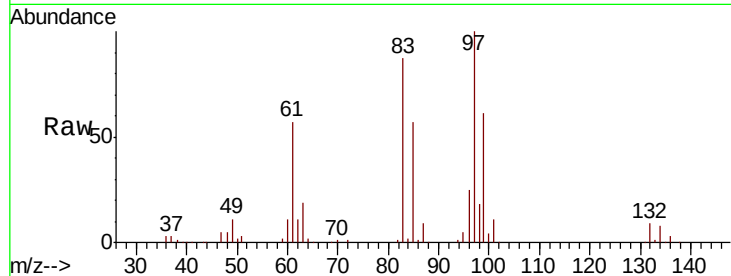




#55
 1,1,2-Trichloroethane
 Concen: 54.453 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY001687.D
 Acq: 18 Feb 2020 21:15

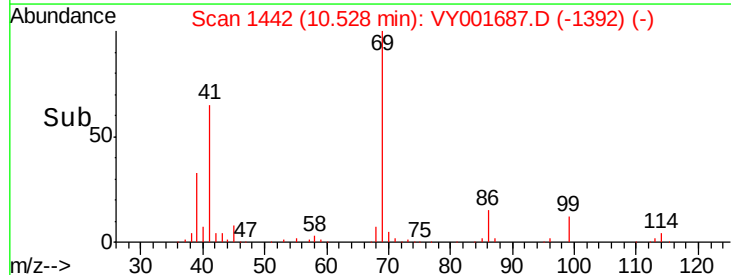
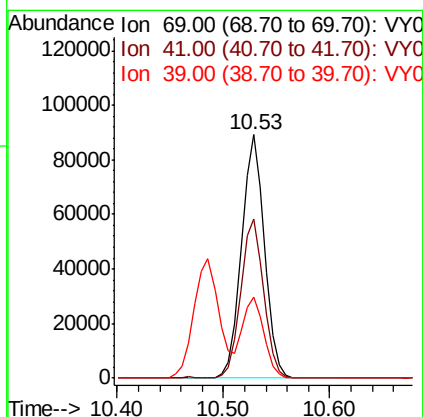
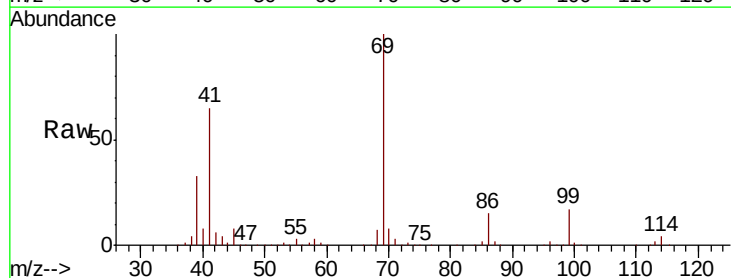
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

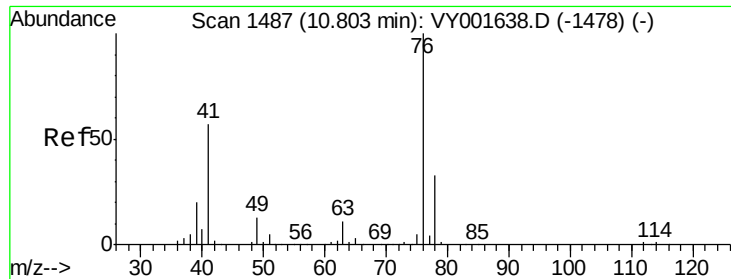
Tot Ion:	97	Resp:	88987
Ion	Ratio	Lower	Upper
97	100		
83	86.9	69.7	104.5
85	56.9	44.5	66.7
99	60.6	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 54.864 ug/l
 RT: 10.53 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VY001687.D
 Acq: 18 Feb 2020 21:15

Tgt Ion:	69	Resp:	134503
Ion	Ratio	Lower	Upper
69	100		
41	65.4	51.0	76.4
39	30.8	24.7	37.1





#57

1,3-Dichloropropane

Concen: 53.868 ug/l

RT: 10.81 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VY001687.D

Acq: 18 Feb 2020 21:15

Instrument :

MSVOA_Y

ClientSampleId :

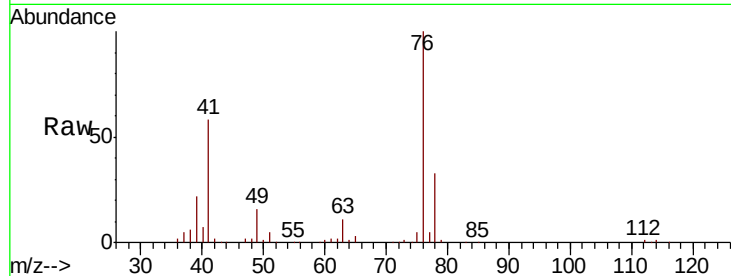
VSTDCCC050EC

Tot Ion: 76 Resp: 156414

Ion Ratio Lower Upper

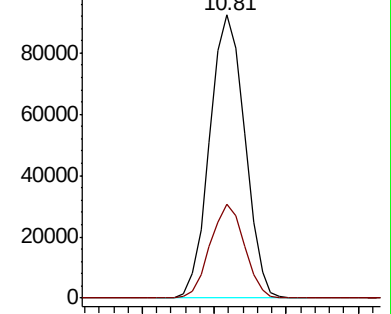
76 100

78 32.2 25.7 38.5

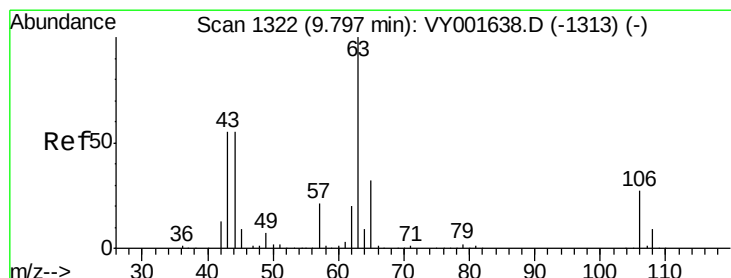
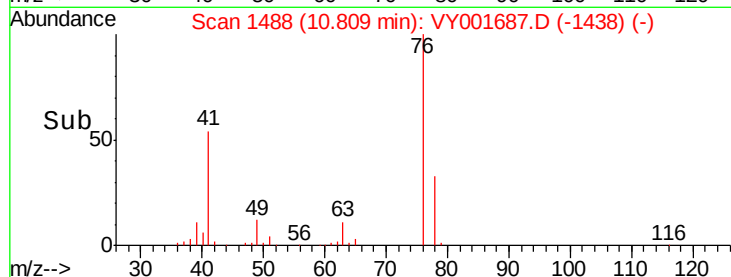


Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 280.065 ug/l

RT: 9.80 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VY001687.D

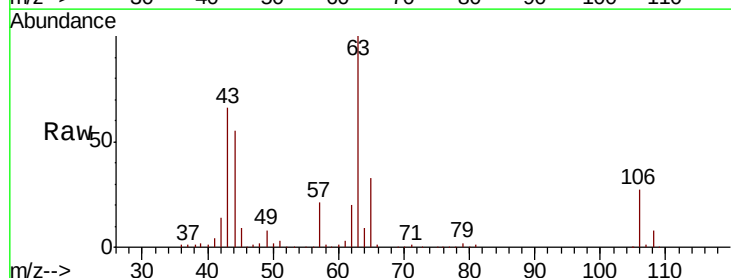
Acq: 18 Feb 2020 21:15

Tgt Ion: 63 Resp: 256096

Ion Ratio Lower Upper

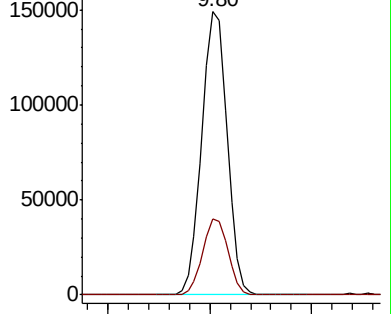
63 100

106 26.7 21.6 32.4

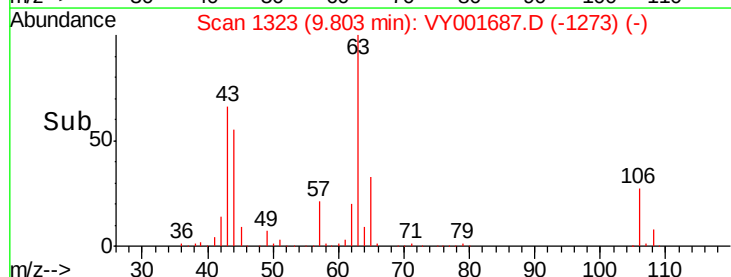


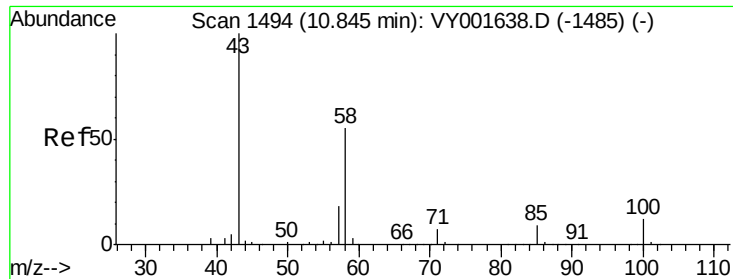
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V



Time-->

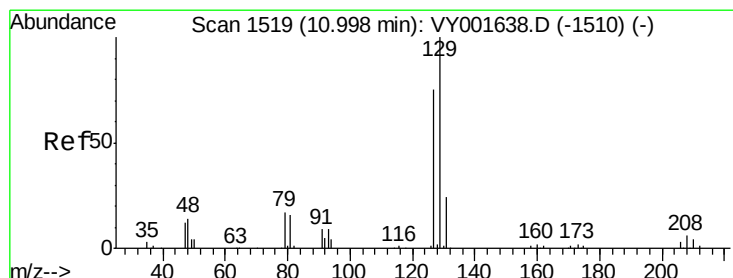
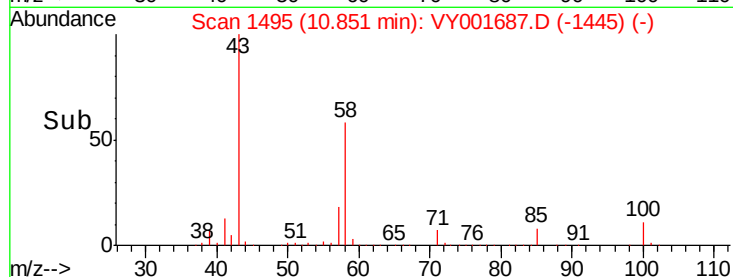
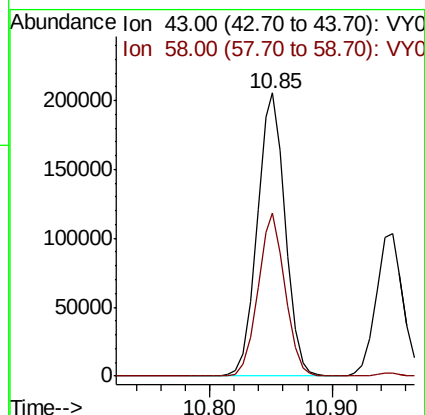
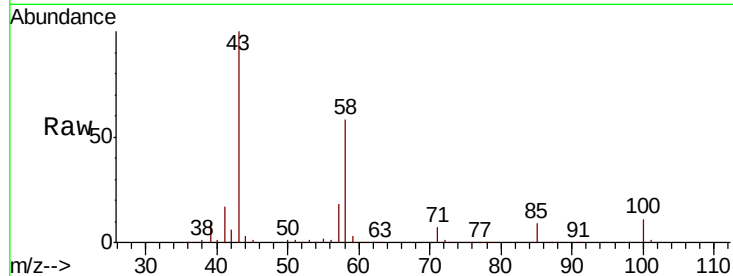




#59
2-Hexanone
Concen: 259.212 ug/l
RT: 10.85 min Scan# 1495
Delta R.T. 0.01 min
Lab File: VY001687.D
Acq: 18 Feb 2020 21:15

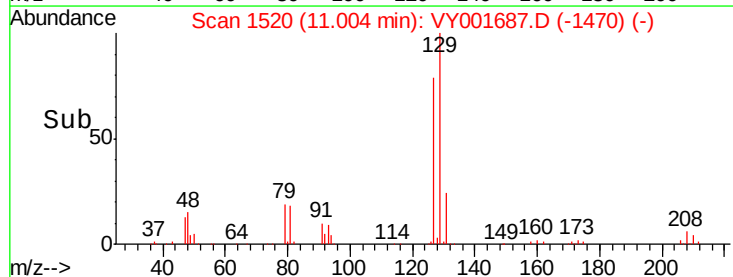
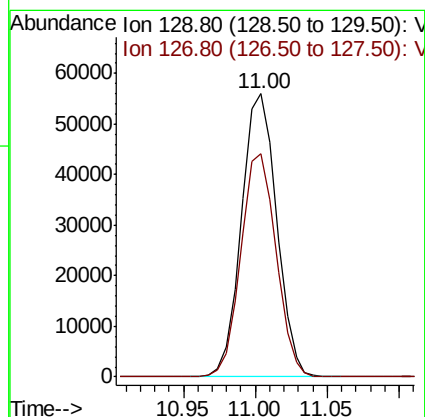
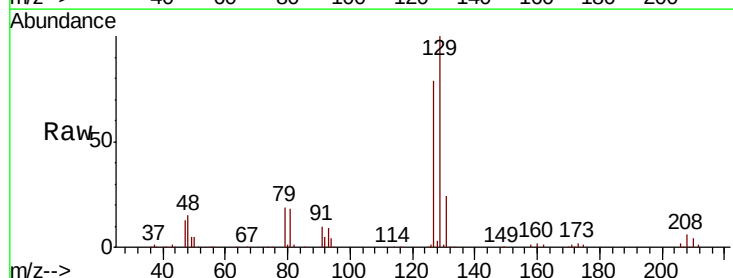
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

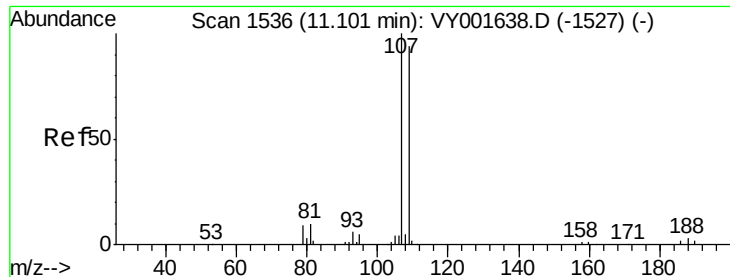
Tot Ion: 43 Resp: 325544
Ion Ratio Lower Upper
43 100
58 55.6 28.4 85.2



#60
Dibromochloromethane
Concen: 52.720 ug/l
RT: 11.00 min Scan# 1520
Delta R.T. 0.01 min
Lab File: VY001687.D
Acq: 18 Feb 2020 21:15

Tgt Ion: 129 Resp: 94987
Ion Ratio Lower Upper
129 100
127 78.9 38.9 116.6





#61

1,2-Dibromoethane

Concen: 54.251 ug/l

RT: 11.11 min Scan# 1537

Delta R.T. 0.01 min

Lab File: VY001687.D

Acq: 18 Feb 2020 21:15

Instrument :

MSVOA_Y

ClientSampleId :

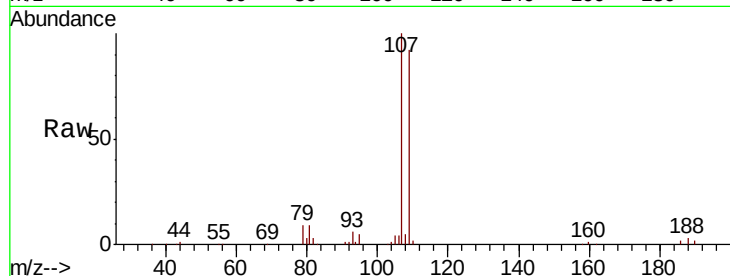
VSTDCCC050EC

Tot Ion:107 Resp: 83827

Ion Ratio Lower Upper

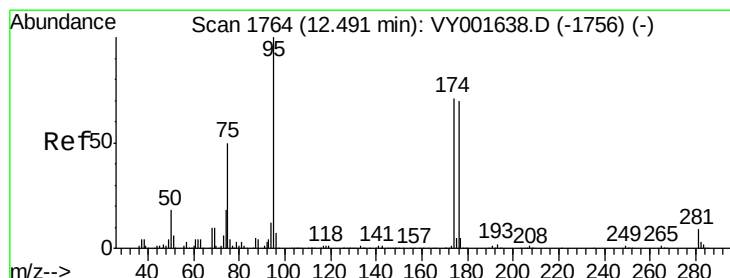
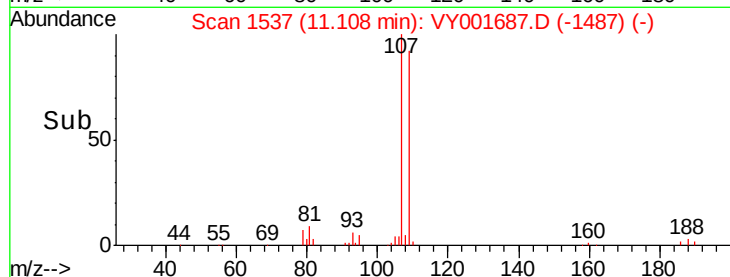
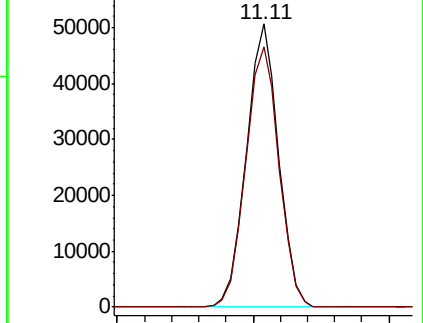
107 100

109 94.7 74.2 111.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.519 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001687.D

Acq: 18 Feb 2020 21:15

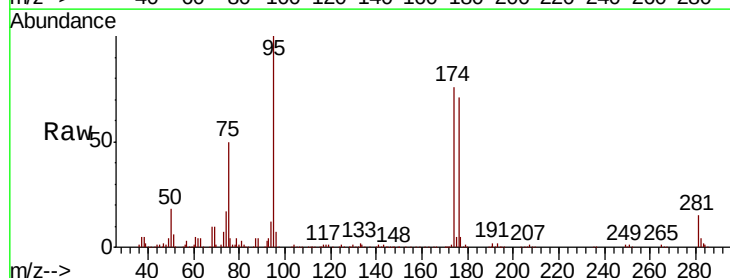
Tgt Ion: 95 Resp: 124758

Ion Ratio Lower Upper

95 100

174 74.5 0.0 138.4

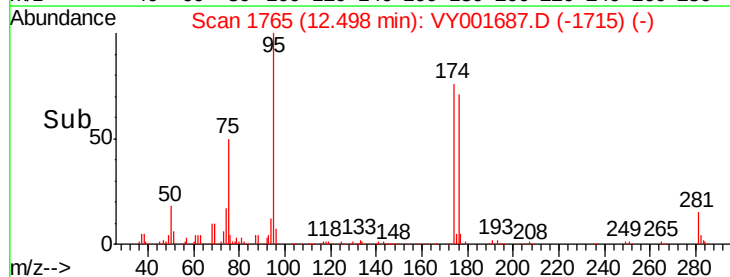
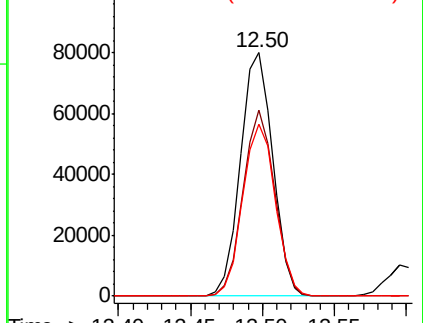
176 71.4 0.0 131.8

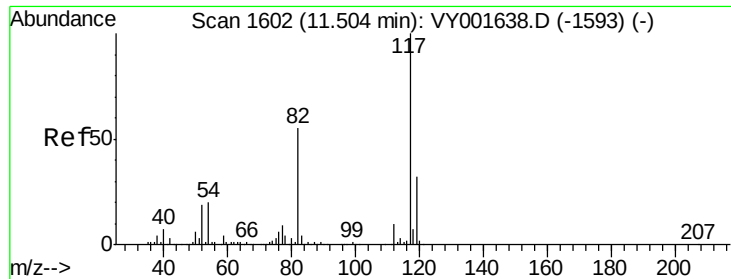


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

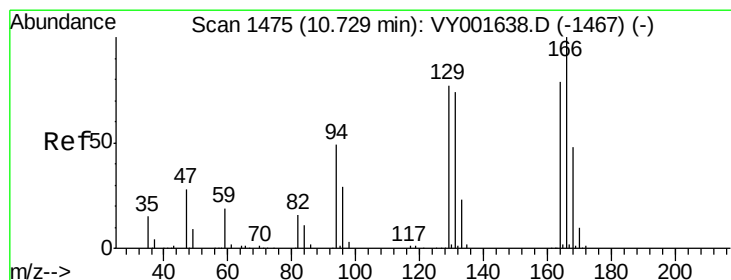
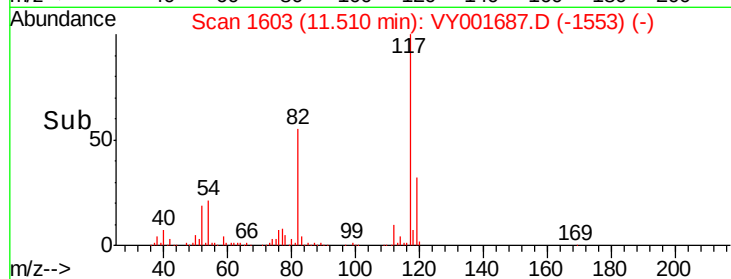
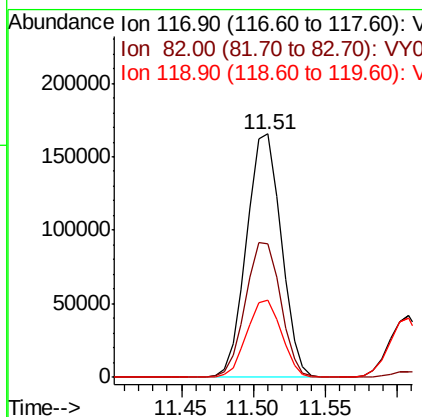
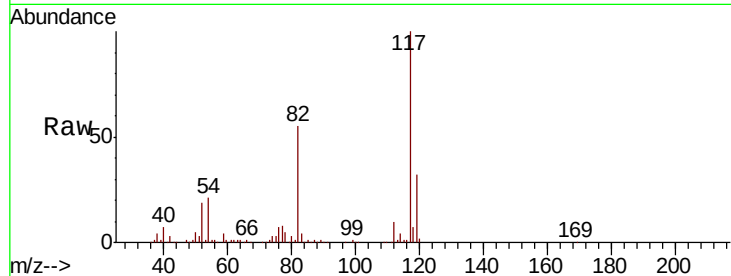




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY001687.D
Acq: 18 Feb 2020 21:15

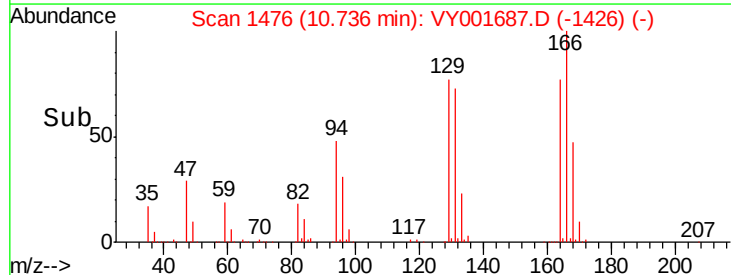
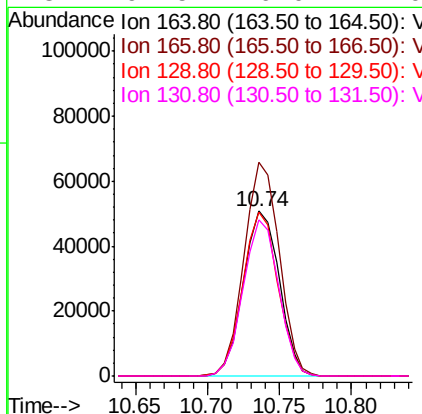
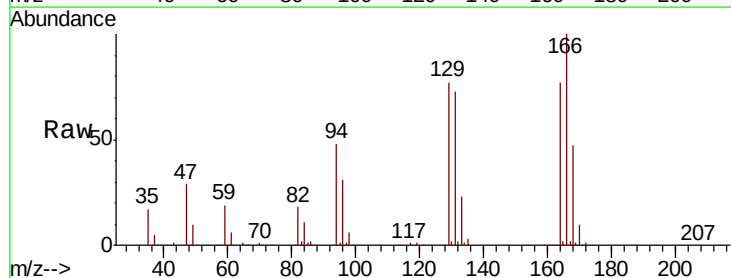
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

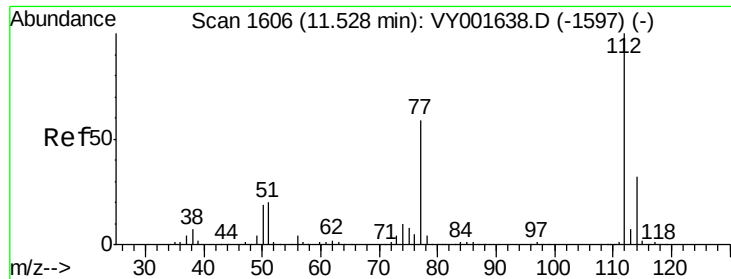
Tot Ion:117 Resp: 276298
Ion Ratio Lower Upper
117 100
82 54.7 45.5 68.3
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 50.701 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001687.D
Acq: 18 Feb 2020 21:15

Tgt Ion:164 Resp: 87940
Ion Ratio Lower Upper
164 100
166 129.6 101.4 152.0
129 99.8 78.7 118.1
131 94.5 76.0 114.0

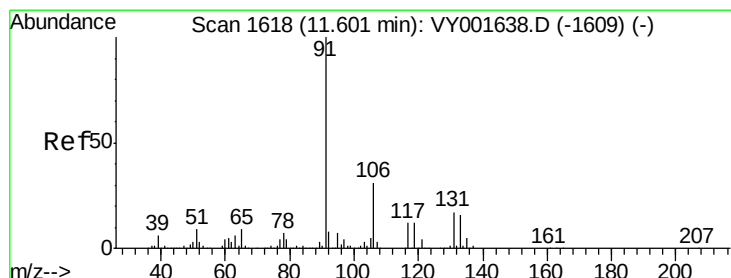
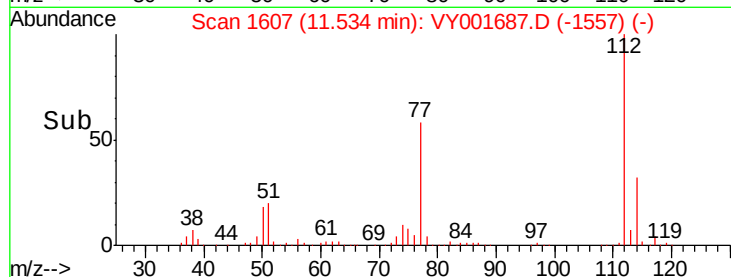
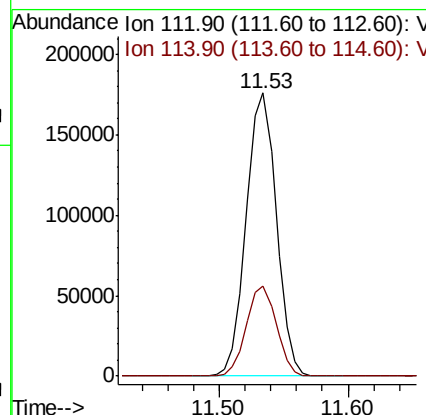
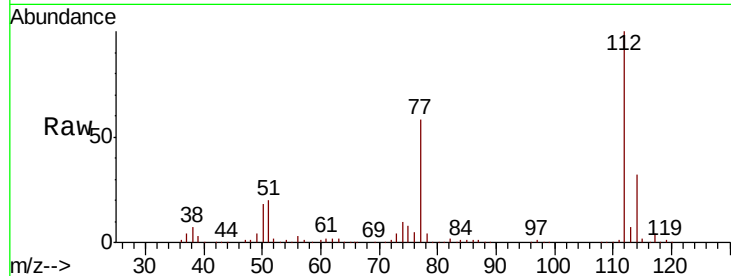




#65
Chlorobenzene
Concen: 51.585 ug/l
RT: 11.53 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VY001687.D
Acq: 18 Feb 2020 21:15

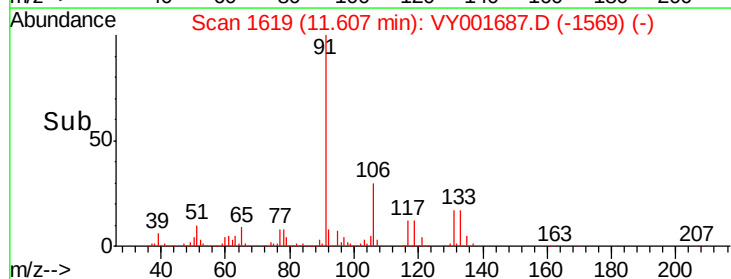
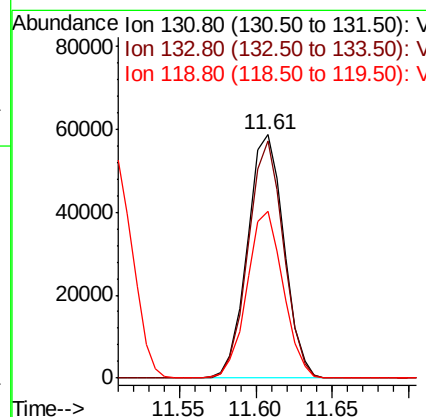
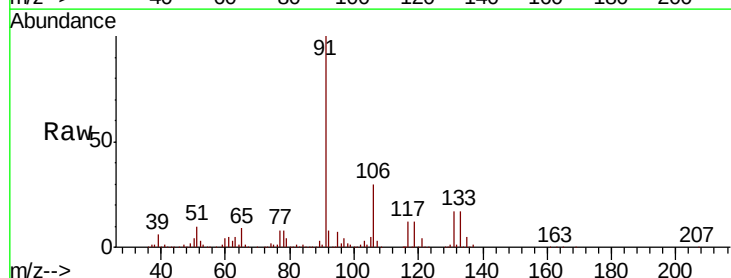
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

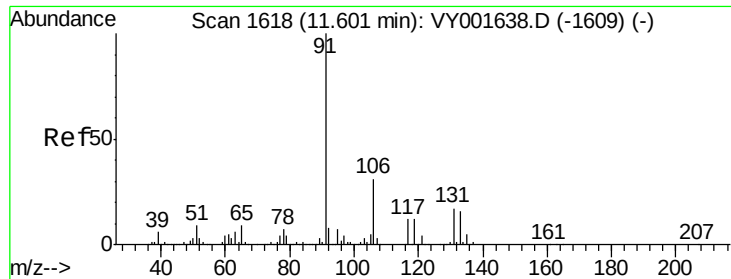
Tot Ion:112 Resp: 284557
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.434 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001687.D
Acq: 18 Feb 2020 21:15

Tgt Ion:131 Resp: 97569
Ion Ratio Lower Upper
131 100
133 94.5 47.4 142.2
119 67.8 34.4 103.1

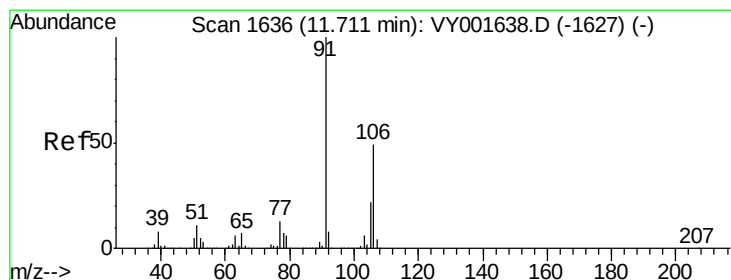
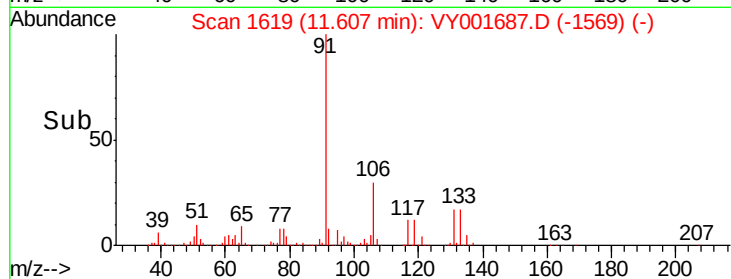
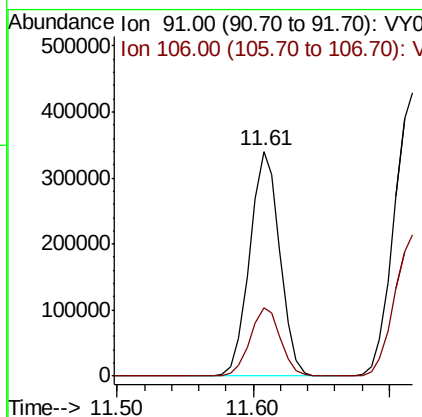
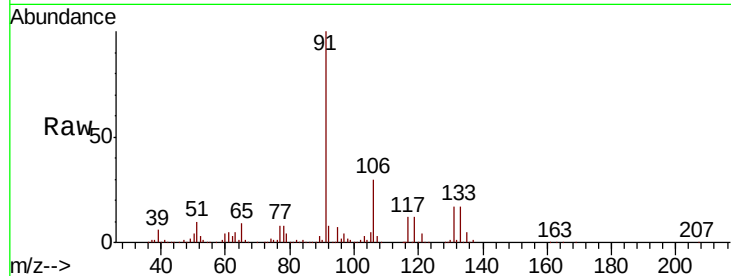




#67
Ethyl Benzene
Concen: 51.482 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001687.D
Acq: 18 Feb 2020 21:15

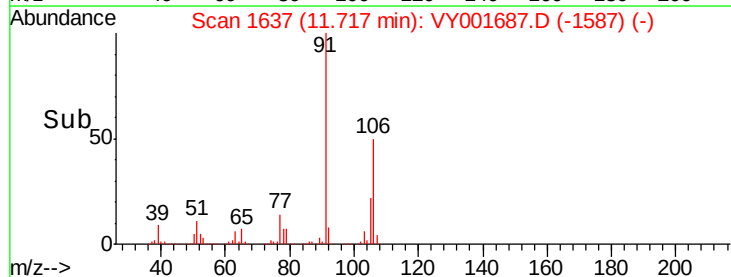
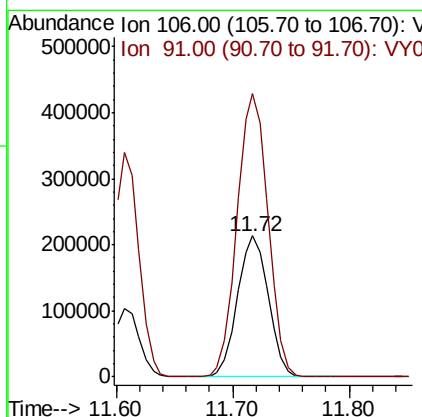
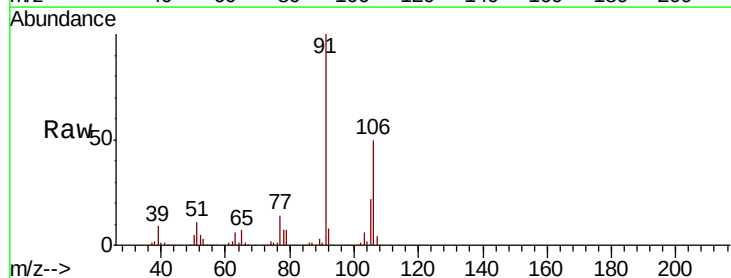
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

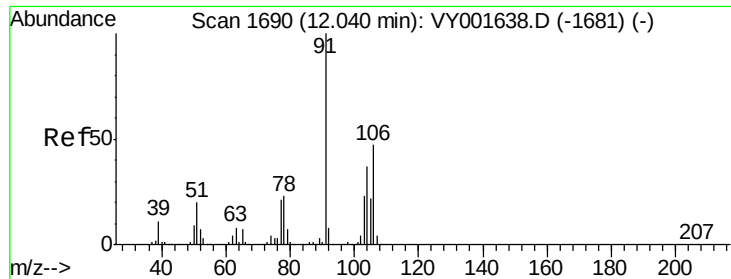
Tot Ion: 91 Resp: 527017
Ion Ratio Lower Upper
91 100
106 30.5 24.5 36.7



#68
m/p-Xylenes
Concen: 102.653 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY001687.D
Acq: 18 Feb 2020 21:15

Tgt Ion: 106 Resp: 392539
Ion Ratio Lower Upper
106 100
91 202.5 163.3 244.9

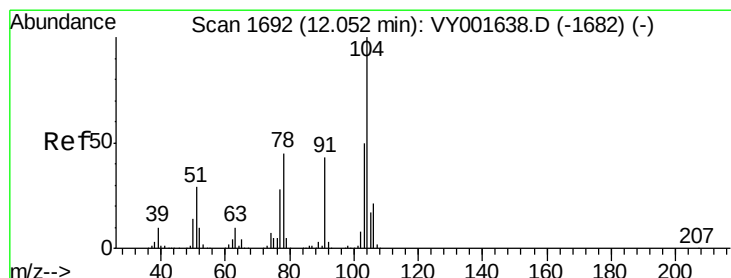
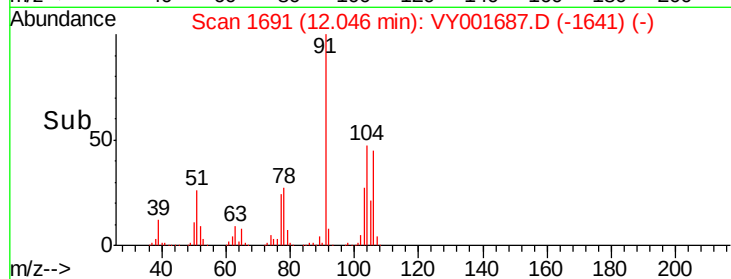
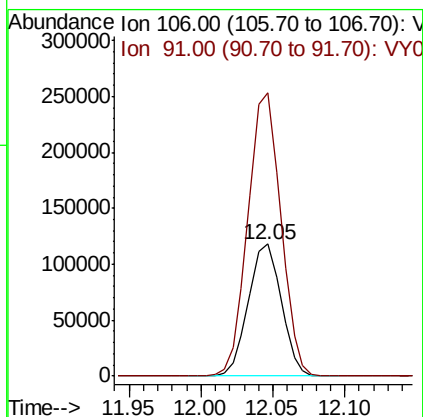
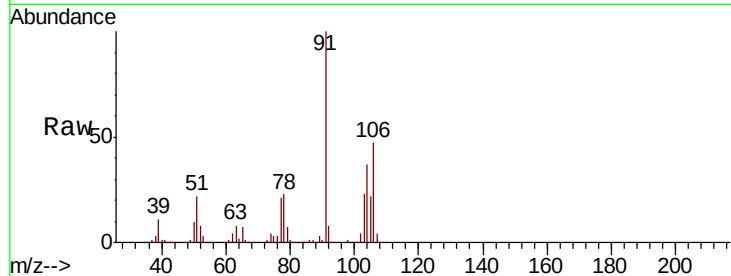




#69
o-Xylene
Concen: 51.657 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY001687.D
Acq: 18 Feb 2020 21:15

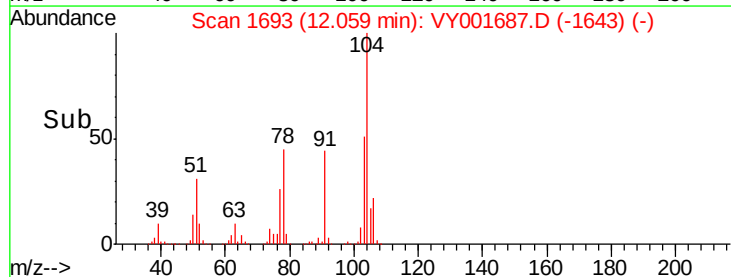
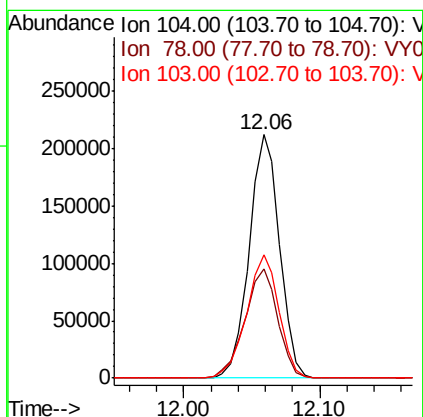
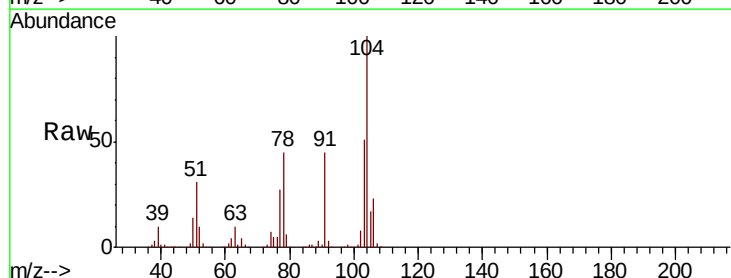
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

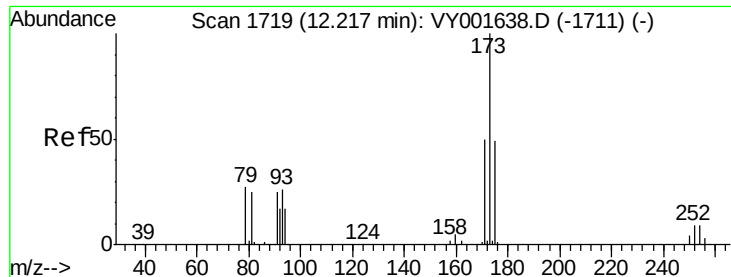
Tot Ion:106 Resp: 187792
Ion Ratio Lower Upper
106 100
91 213.5 108.3 324.9



#70
Styrene
Concen: 52.402 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001687.D
Acq: 18 Feb 2020 21:15

Tgt Ion:104 Resp: 331079
Ion Ratio Lower Upper
104 100
78 48.7 39.2 58.8
103 53.9 43.0 64.6





#71

Bromoform

Concen: 52.678 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.01 min

Lab File: VY001687.D

Acq: 18 Feb 2020 21:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

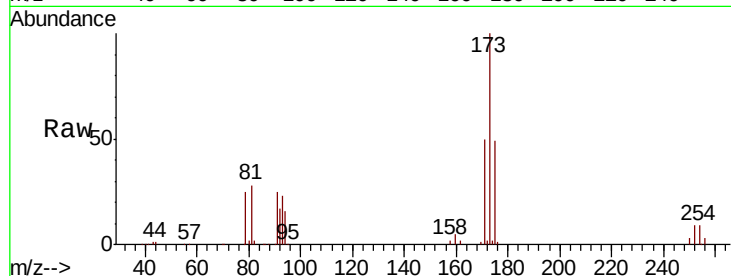
Tot Ion:173 Resp: 56019

Ion Ratio Lower Upper

173 100

175 47.7 24.3 73.0

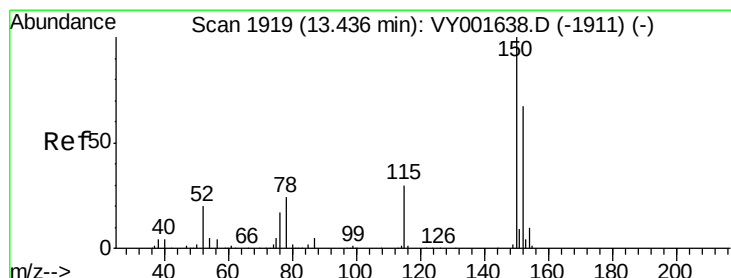
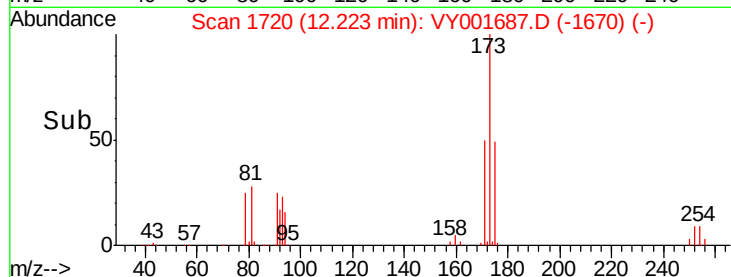
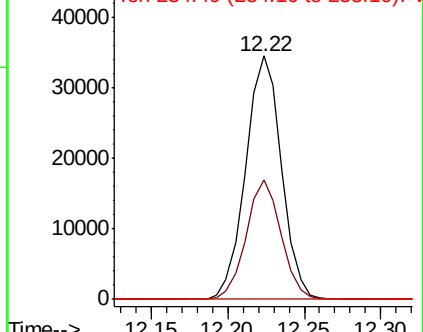
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY001687.D

Acq: 18 Feb 2020 21:15

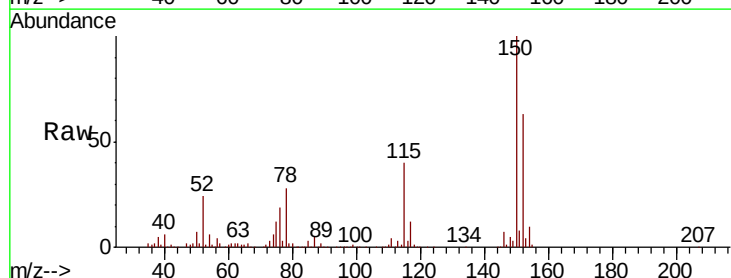
Tgt Ion:152 Resp: 128254

Ion Ratio Lower Upper

152 100

115 62.0 31.4 94.2

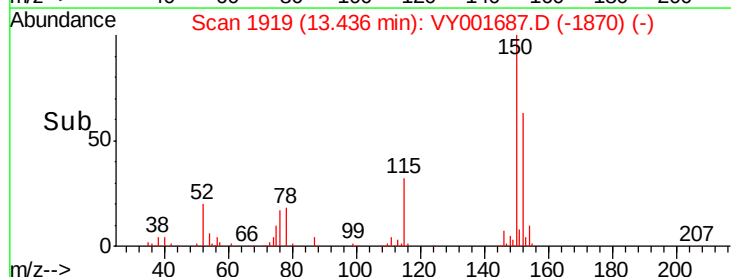
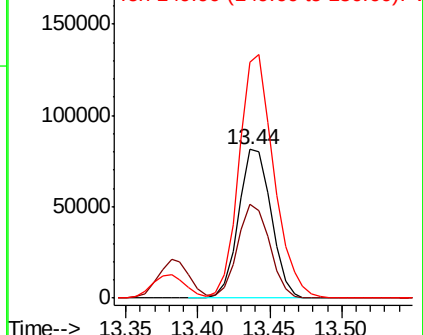
150 174.3 0.0 407.2

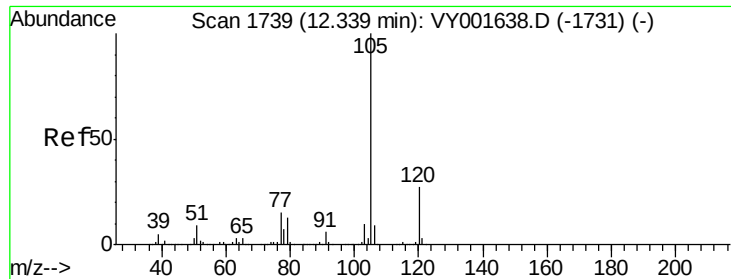


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.796 ug/l

RT: 12.35 min Scan# 1740

Delta R.T. 0.01 min

Lab File: VY001687.D

Acq: 18 Feb 2020 21:15

Instrument :

MSVOA_Y

ClientSampleId :

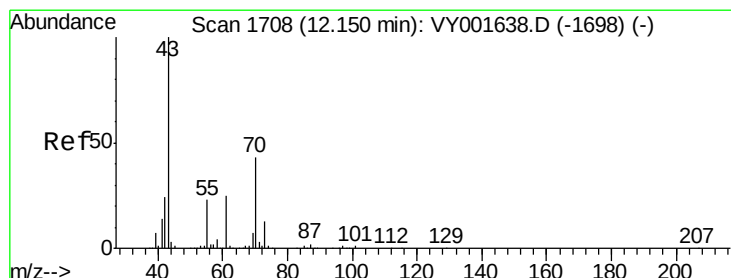
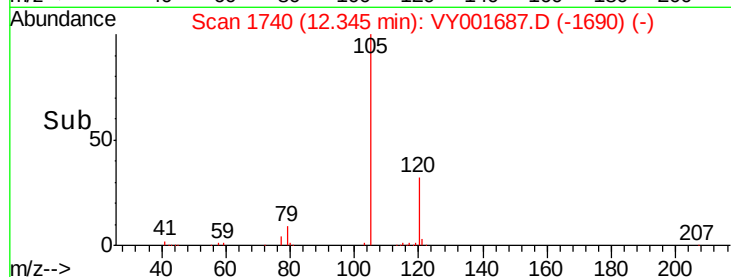
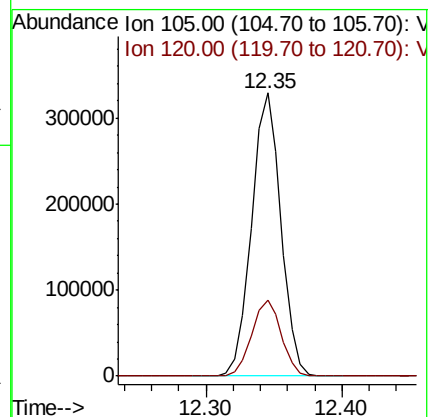
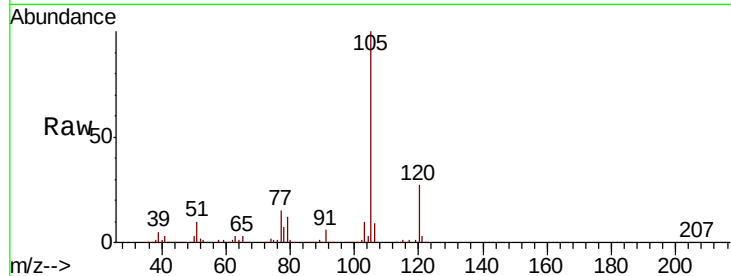
VSTDCCC050EC

Tot Ion:105 Resp: 496306

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.1



#74

N-ethyl acetate

Concen: 54.358 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001687.D

Acq: 18 Feb 2020 21:15

Tgt Ion: 43 Resp: 169502

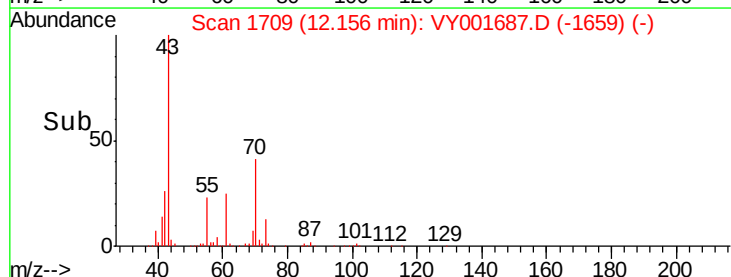
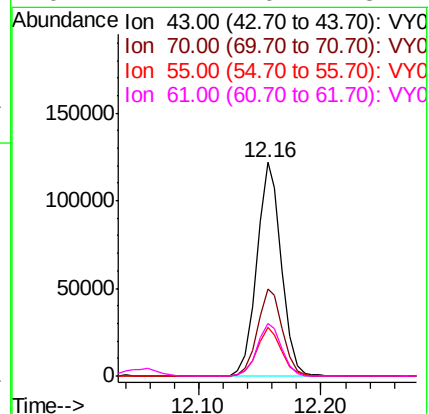
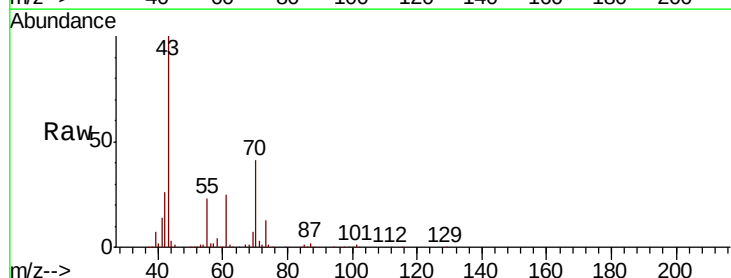
Ion Ratio Lower Upper

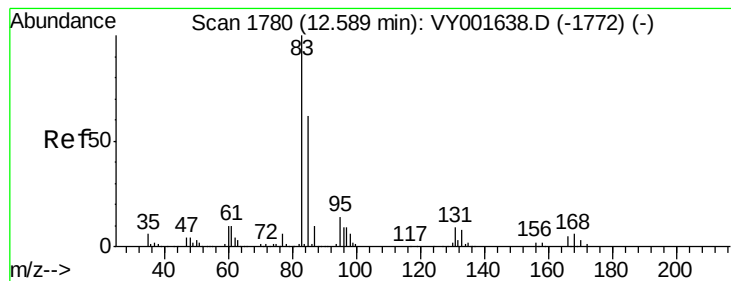
43 100

70 41.8 35.9 53.9

55 22.5 18.3 27.5

61 24.7 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 53.856 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001687.D

Acq: 18 Feb 2020 21:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

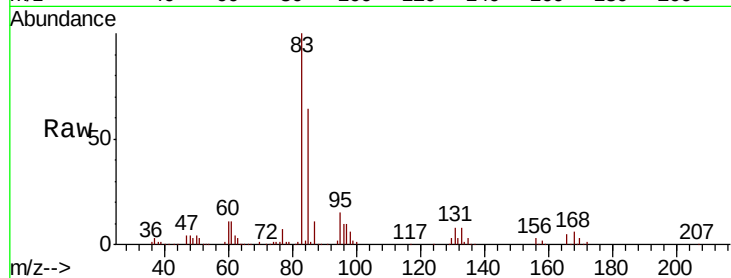
Tot Ion: 83 Resp: 112355

Ion Ratio Lower Upper

83 100

131 9.3 4.7 14.1

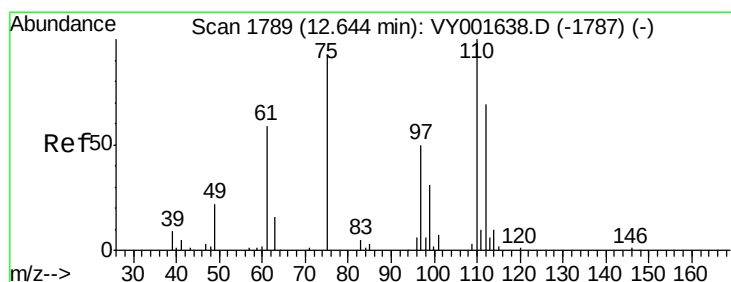
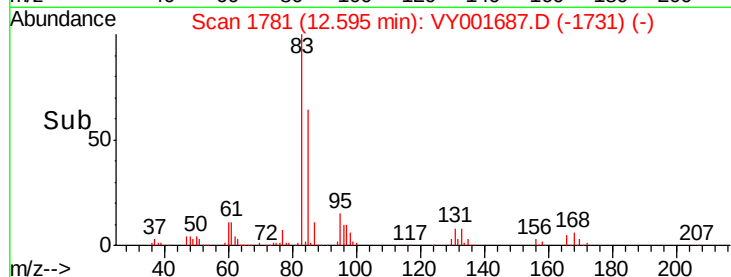
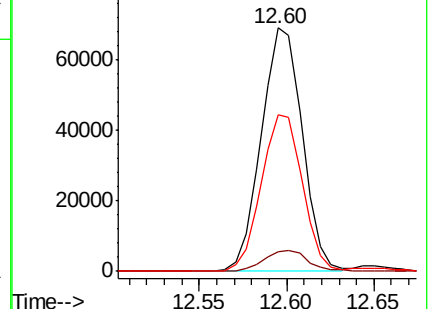
85 64.7 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 98.523 ug/l

RT: 12.65 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VY001687.D

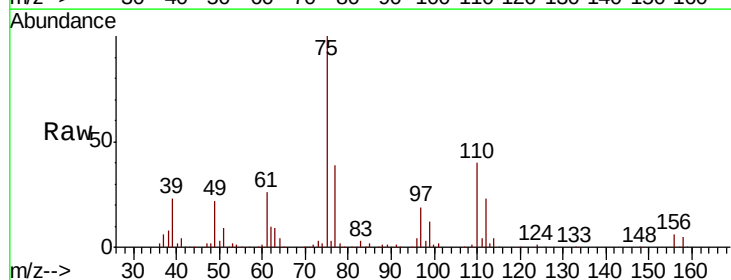
Acq: 18 Feb 2020 21:15

Tgt Ion: 75 Resp: 144951

Ion Ratio Lower Upper

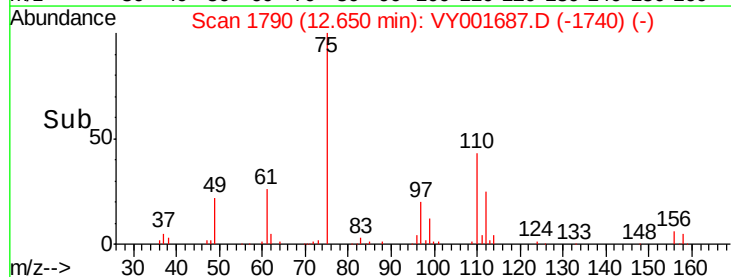
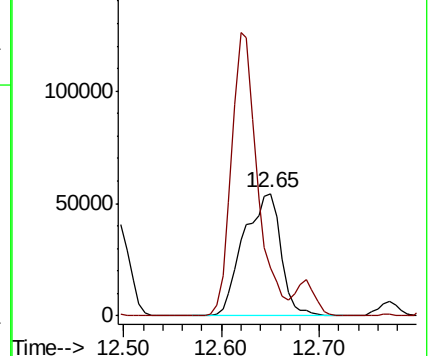
75 100

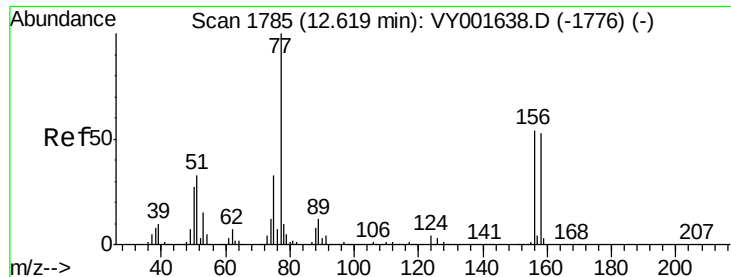
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 52.055 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VY001687.D

Acq: 18 Feb 2020 21:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

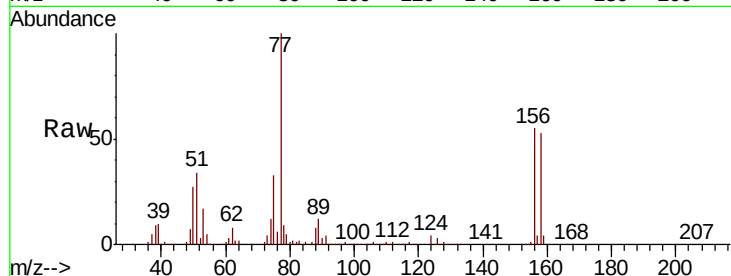
Tot Ion:156 Resp: 110257

Ion Ratio Lower Upper

156 100

77 212.4 110.1 330.1

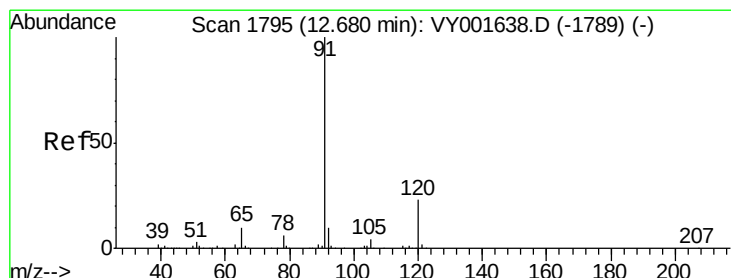
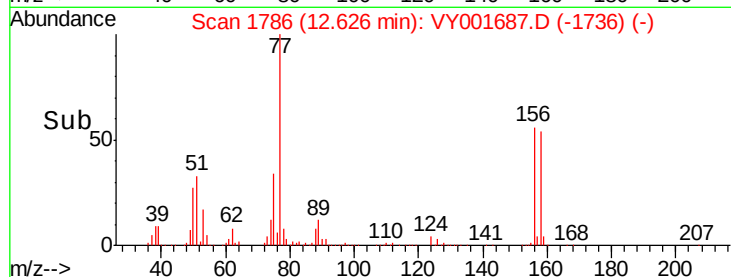
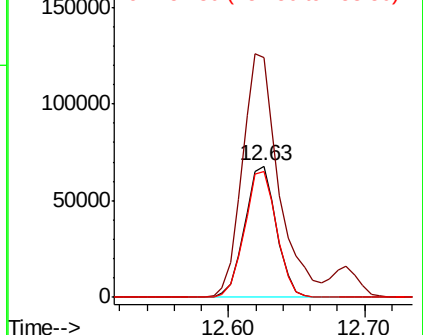
158 96.7 47.9 143.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.564 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VY001687.D

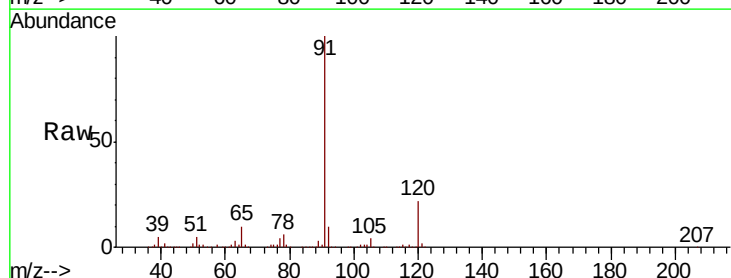
Acq: 18 Feb 2020 21:15

Tgt Ion: 91 Resp: 613600

Ion Ratio Lower Upper

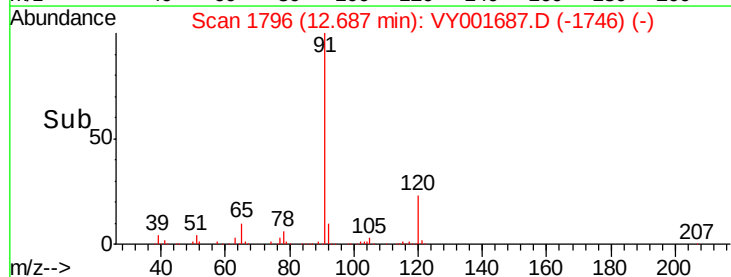
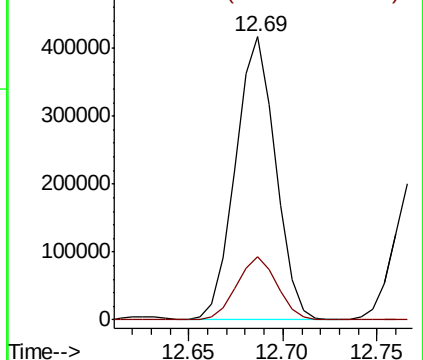
91 100

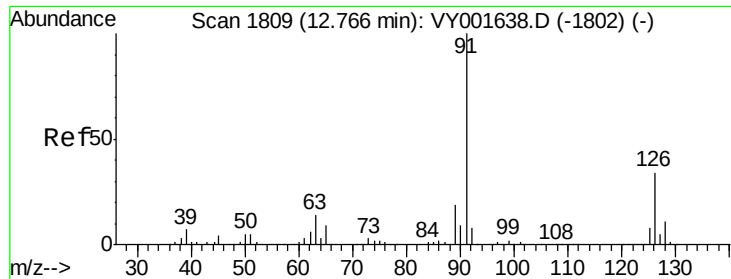
120 22.3 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

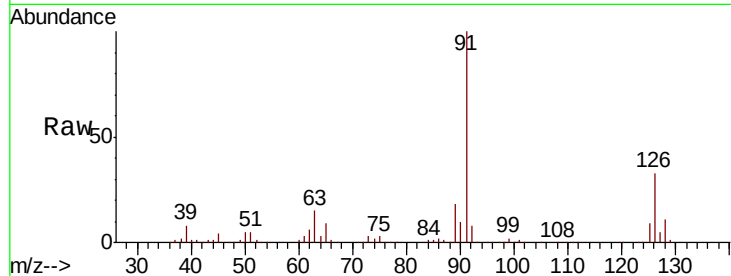




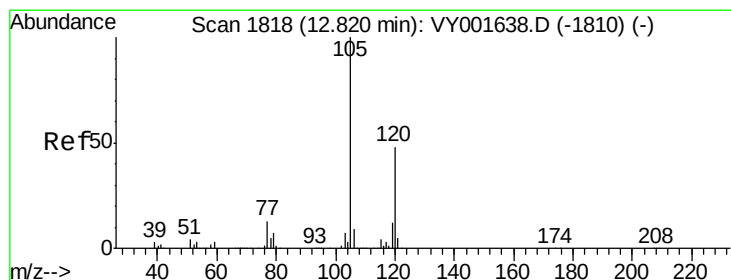
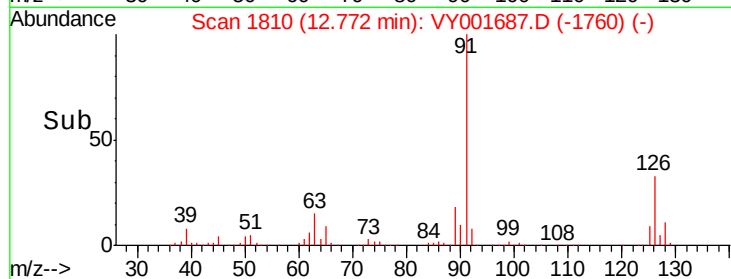
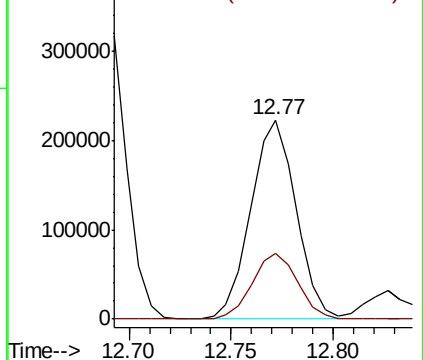
#79
 2-Chlorotoluene
 Concen: 51.640 ug/l
 RT: 12.77 min Scan# 1810
 Delta R.T. 0.01 min
 Lab File: VY001687.D
 Acq: 18 Feb 2020 21:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 344654
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.2 48.6

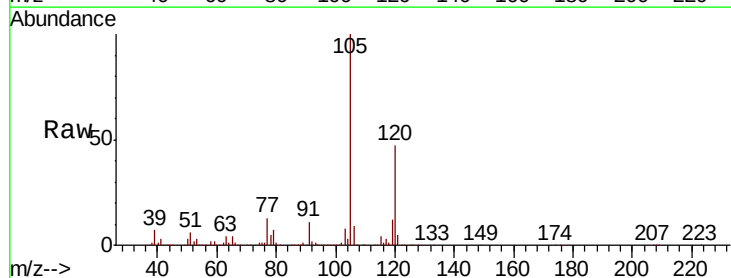


Abundance Ion 91.00 (90.70 to 91.70): VY001638.D (-1802) (-)
 Ion 125.90 (125.60 to 126.60): VY001638.D (-1802) (-)

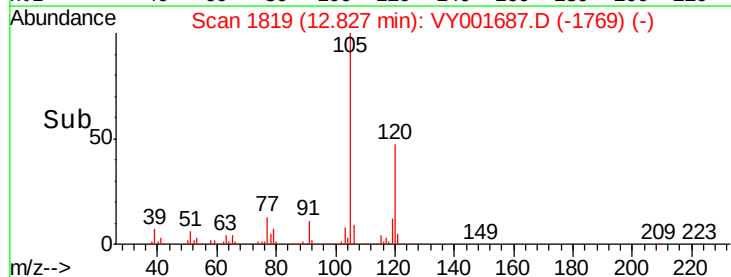
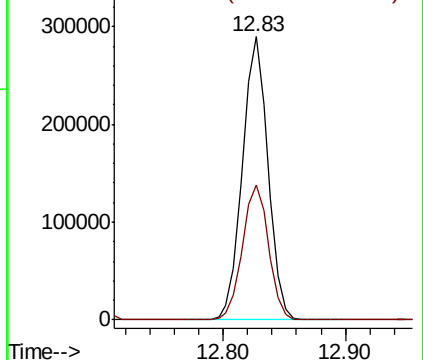


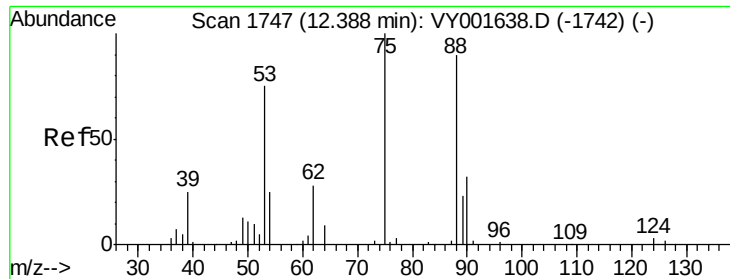
#80
 1,3,5-Trimethylbenzene
 Concen: 51.841 ug/l
 RT: 12.83 min Scan# 1819
 Delta R.T. 0.01 min
 Lab File: VY001687.D
 Acq: 18 Feb 2020 21:15

Tgt Ion: 105 Resp: 419290
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VY001638.D (-1810) (-)
 Ion 120.00 (119.70 to 120.70): VY001638.D (-1810) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.102 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY001687.D

Acq: 18 Feb 2020 21:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

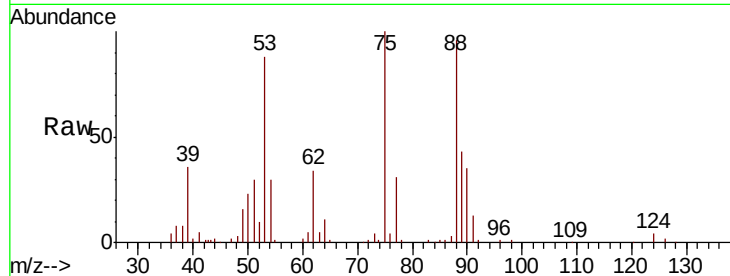
Tot Ion: 75 Resp: 38854

Ion Ratio Lower Upper

75 100

53 89.4 64.5 96.7

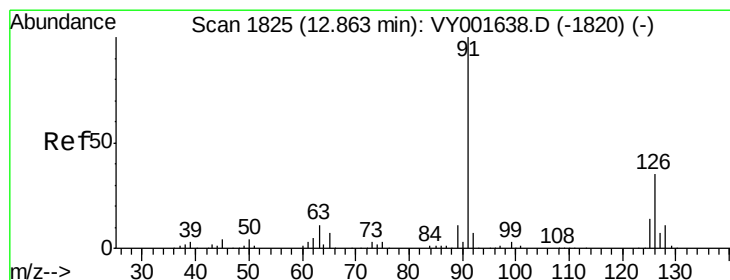
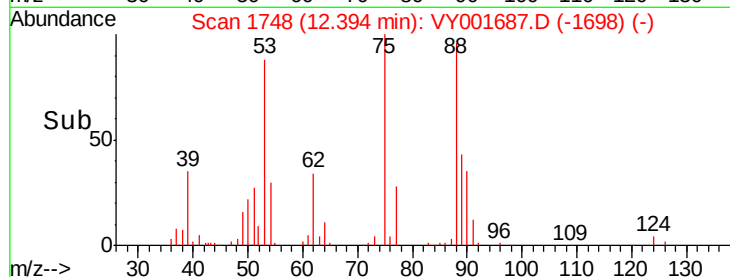
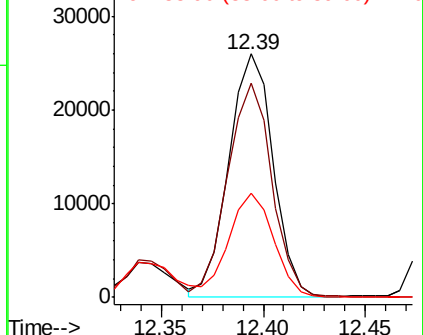
89 43.2 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 51.634 ug/l

RT: 12.87 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VY001687.D

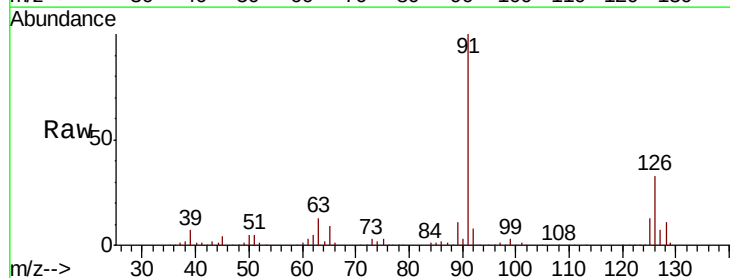
Acq: 18 Feb 2020 21:15

Tgt Ion: 91 Resp: 363461

Ion Ratio Lower Upper

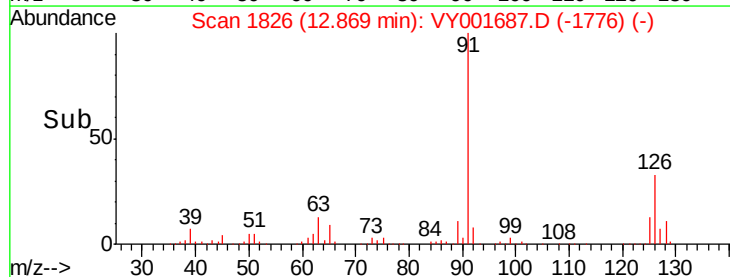
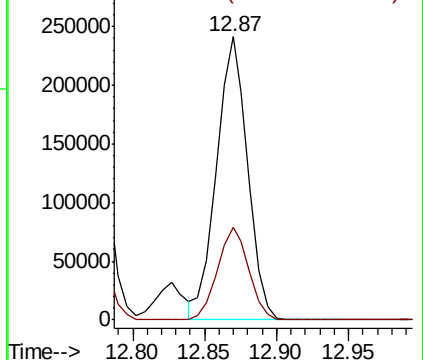
91 100

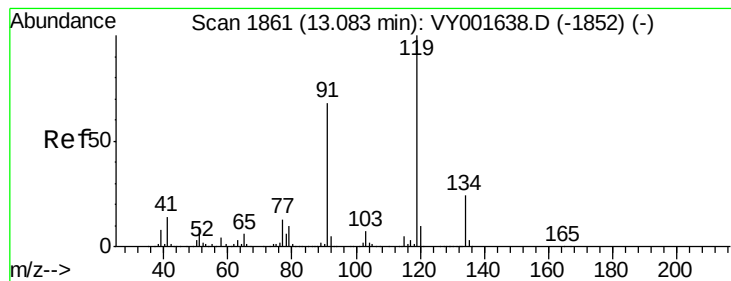
126 32.8 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 51.439 ug/l

RT: 13.09 min Scan# 1862

Delta R.T. 0.01 min

Lab File: VY001687.D

Acq: 18 Feb 2020 21:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

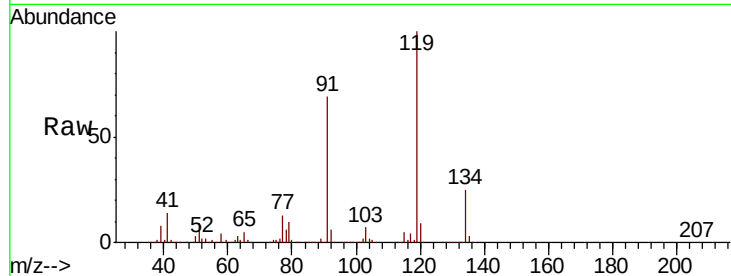
Tot Ion:119 Resp: 347960

Ion Ratio Lower Upper

119 100

91 66.4 33.5 100.5

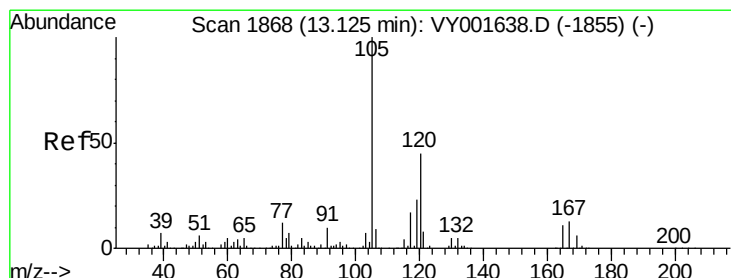
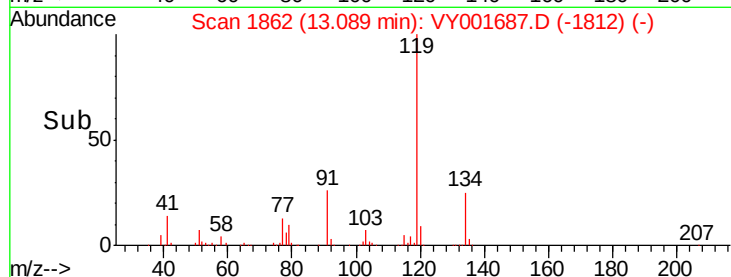
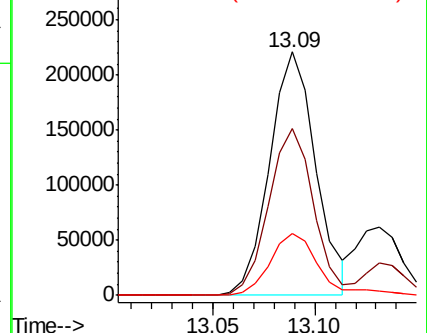
134 26.9 13.3 39.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.014 ug/l

RT: 13.13 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VY001687.D

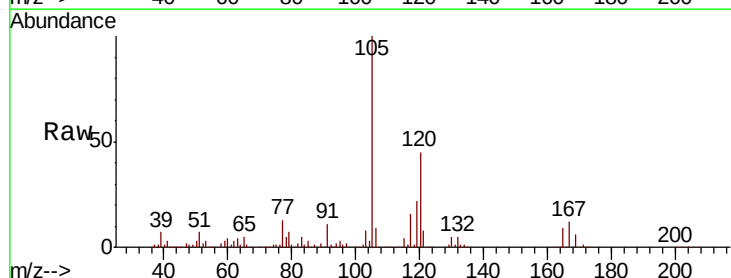
Acq: 18 Feb 2020 21:15

Tgt Ion:105 Resp: 419405

Ion Ratio Lower Upper

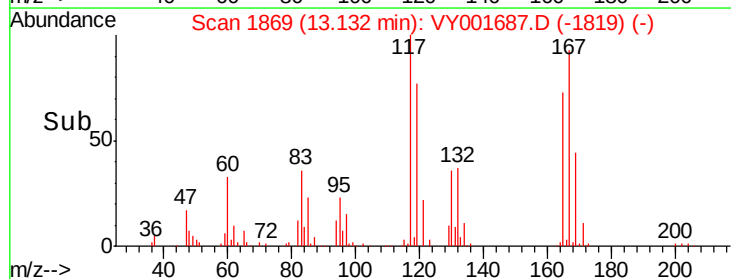
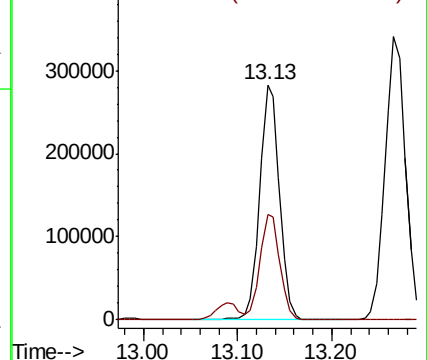
105 100

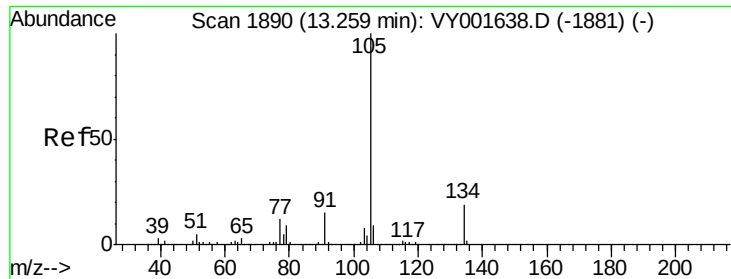
120 45.2 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

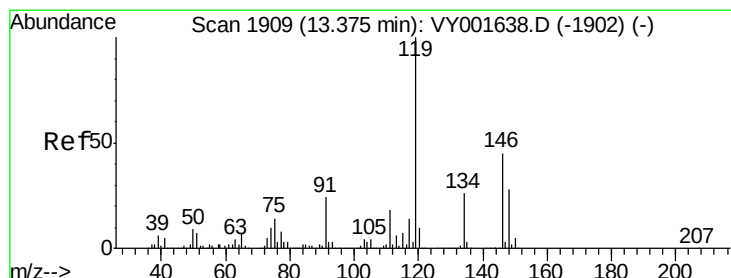
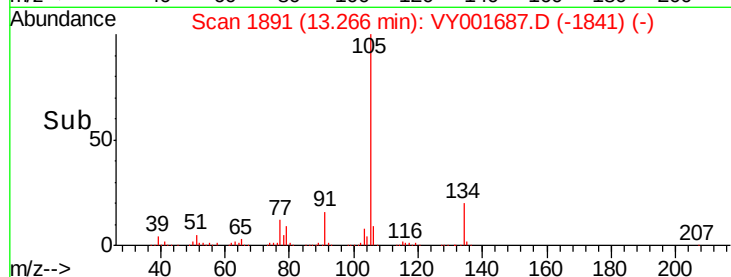
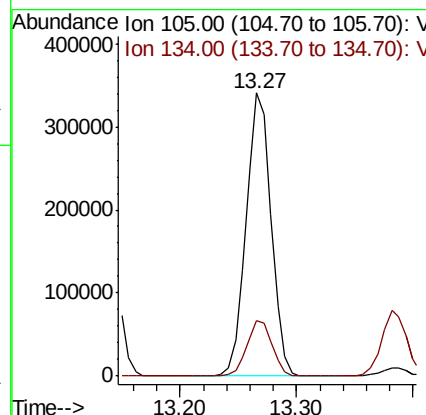
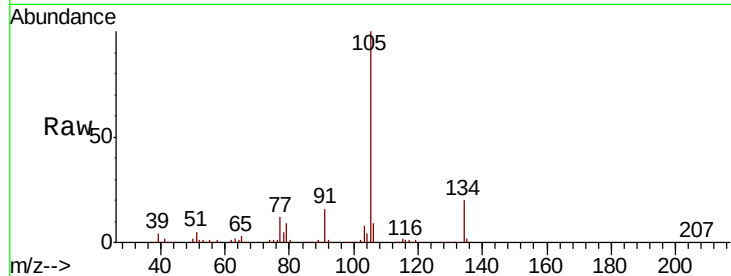




#85
 sec-Butylbenzene
 Concen: 51.378 ug/l
 RT: 13.27 min Scan# 1891
 Delta R.T. 0.01 min
 Lab File: VY001687.D
 Acq: 18 Feb 2020 21:15

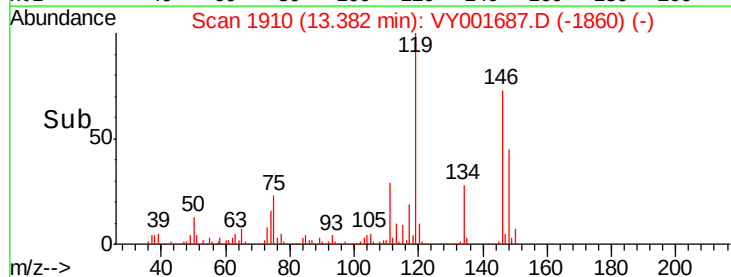
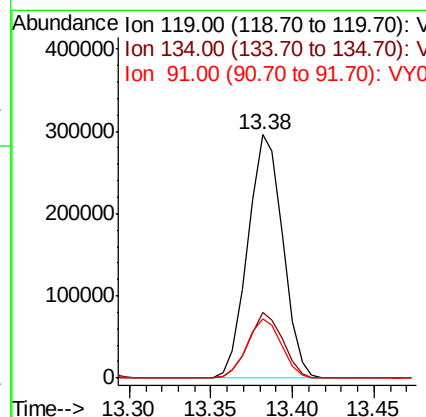
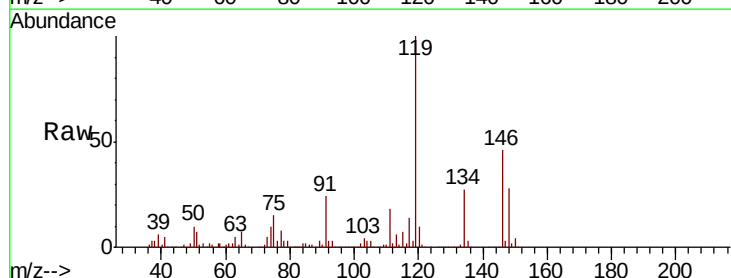
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

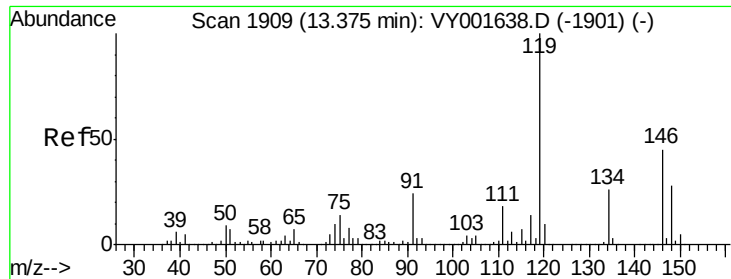
Tot Ion:105 Resp: 511151
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 51.215 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY001687.D
 Acq: 18 Feb 2020 21:15

Tgt Ion:119 Resp: 442641
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 39.0
 91 23.9 12.2 36.6

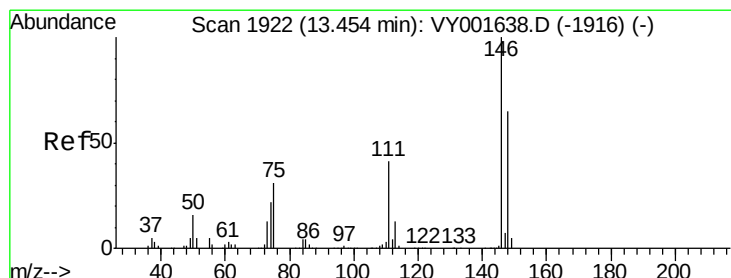
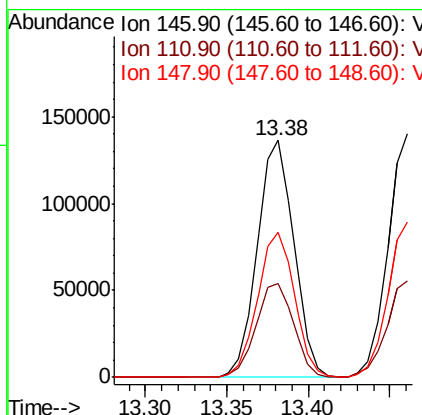
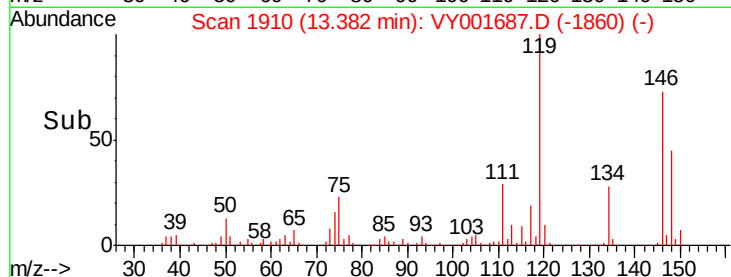
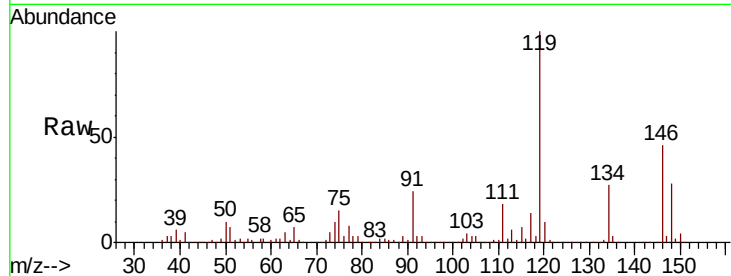




#87
 1,3-Dichlorobenzene
 Concen: 51.980 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY001687.D
 Acq: 18 Feb 2020 21:15

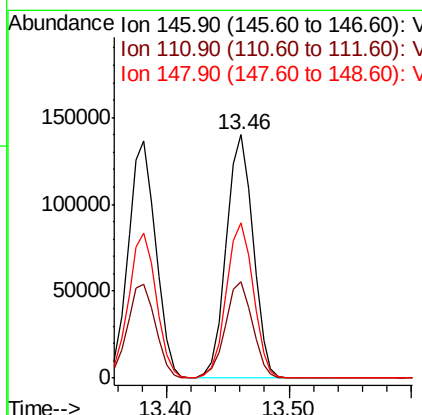
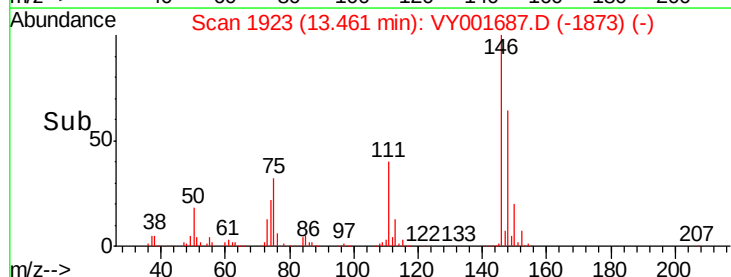
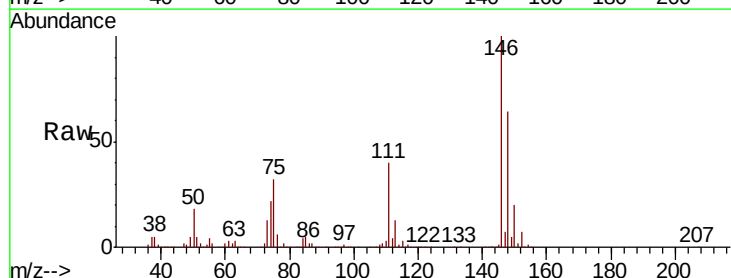
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

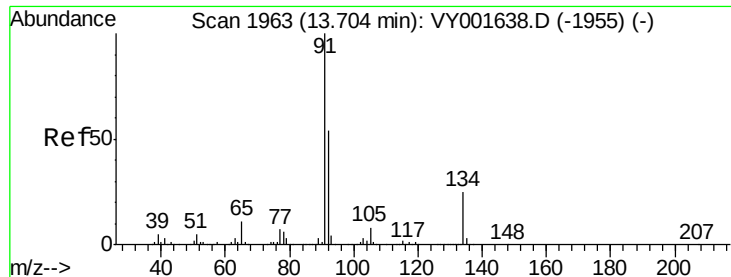
Tot Ion:146 Resp: 213526
 Ion Ratio Lower Upper
 146 100
 111 40.6 21.4 64.3
 148 61.4 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 50.994 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY001687.D
 Acq: 18 Feb 2020 21:15

Tgt Ion:146 Resp: 211744
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.4 61.3
 148 64.3 31.6 94.7

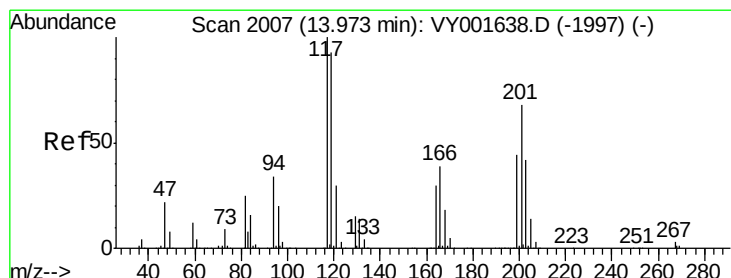
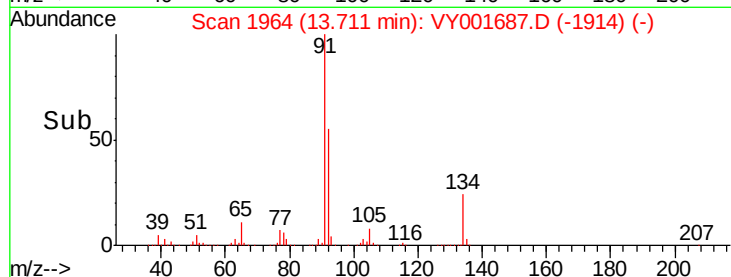
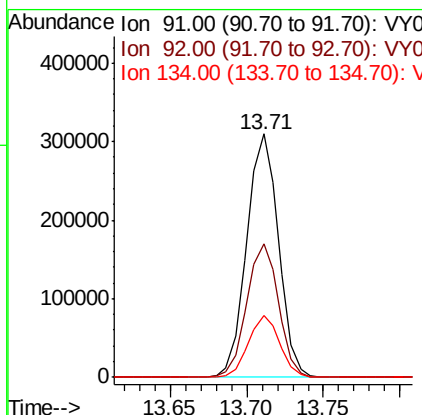
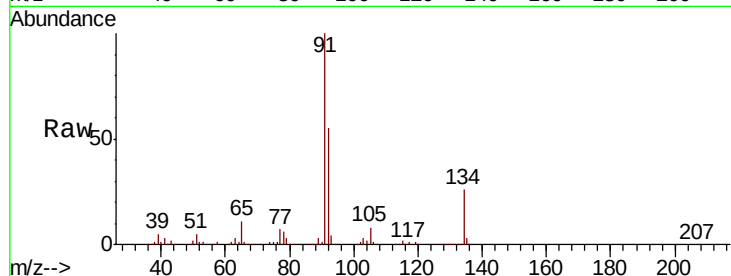




#89
n-Butylbenzene
Concen: 50.560 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY001687.D
Acq: 18 Feb 2020 21:15

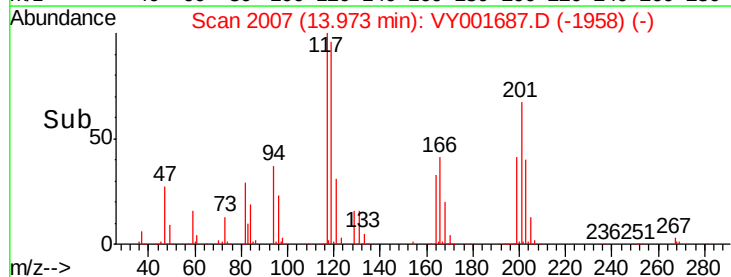
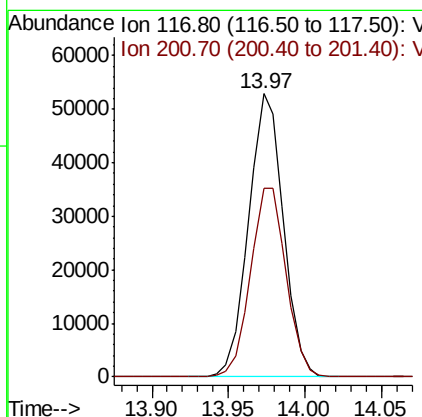
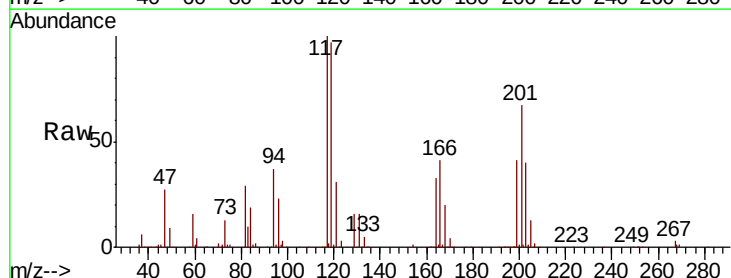
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

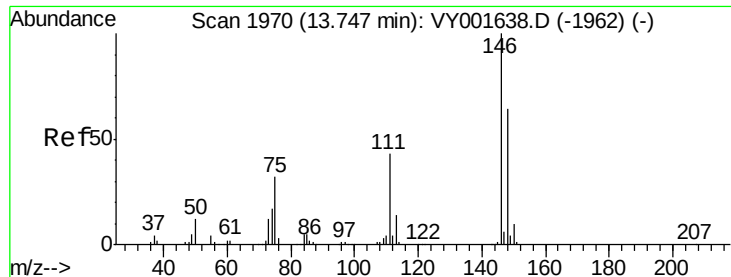
Tot Ion: 91 Resp: 446513
Ion Ratio Lower Upper
91 100
92 54.8 27.5 82.4
134 25.1 12.4 37.4



#90
Hexachloroethane
Concen: 51.356 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VY001687.D
Acq: 18 Feb 2020 21:15

Tgt Ion: 117 Resp: 83628
Ion Ratio Lower Upper
117 100
201 68.4 32.5 97.4

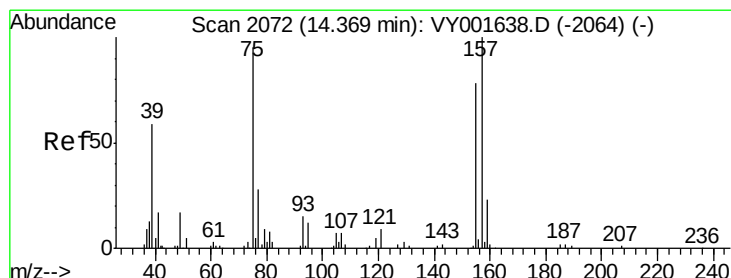
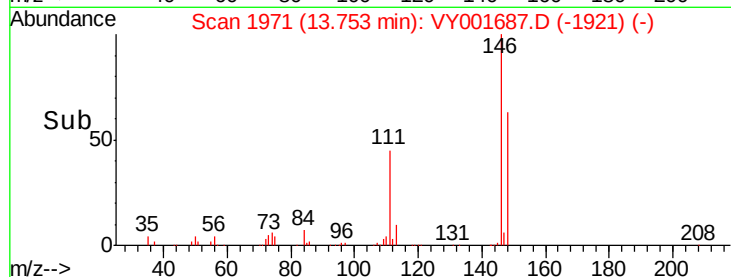
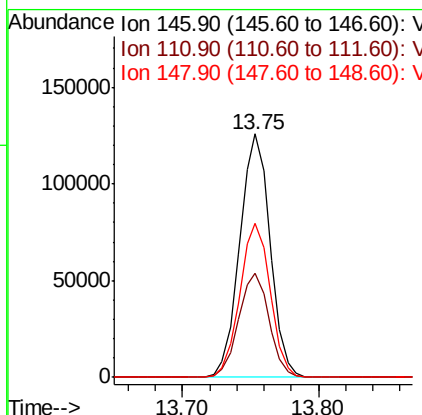
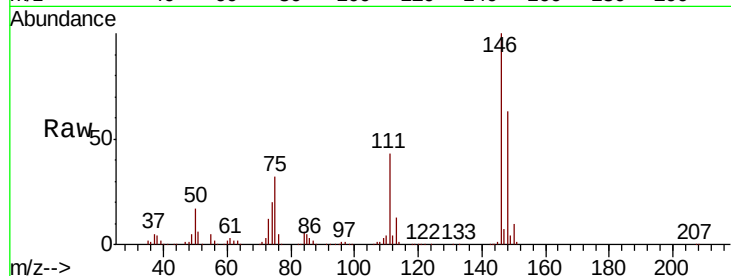




#91
 1,2-Dichlorobenzene
 Concen: 51.702 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY001687.D
 Acq: 18 Feb 2020 21:15

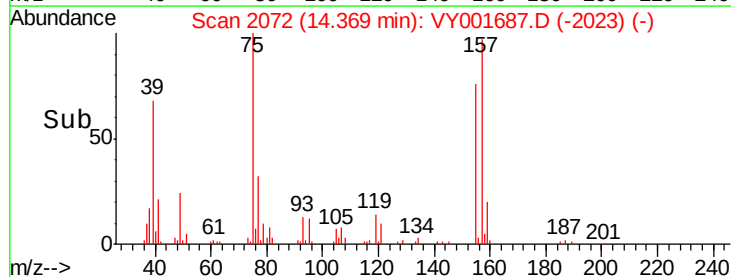
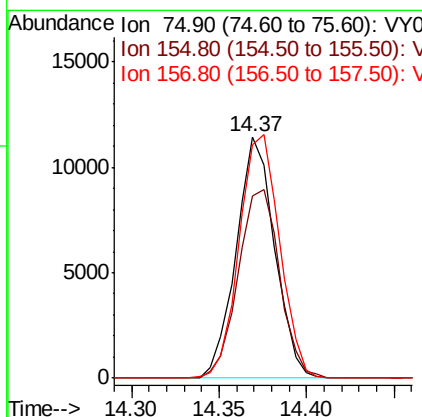
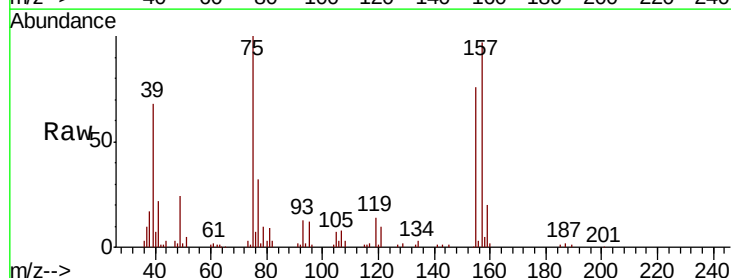
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

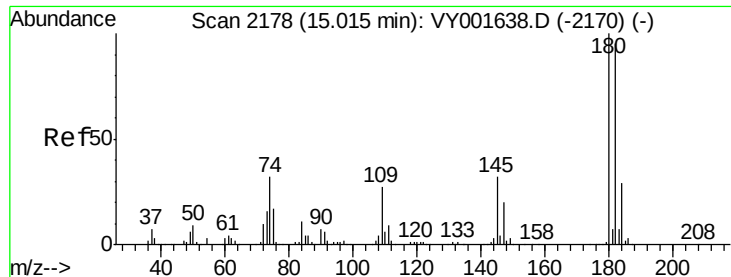
Tot Ion:146 Resp: 195999
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.9 65.7
 148 63.2 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.834 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VY001687.D
 Acq: 18 Feb 2020 21:15

Tgt Ion: 75 Resp: 17502
 Ion Ratio Lower Upper
 75 100
 155 84.1 40.8 122.4
 157 106.2 52.1 156.4

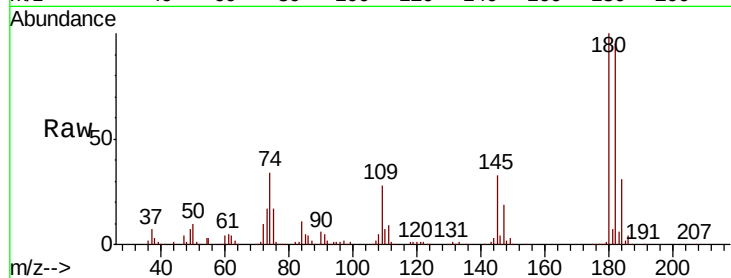




#93
 1,2,4-Trichlorobenzene
 Concen: 48.850 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY001687.D
 Acq: 18 Feb 2020 21:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	46.8	140.3
145	32.2	16.2	48.5

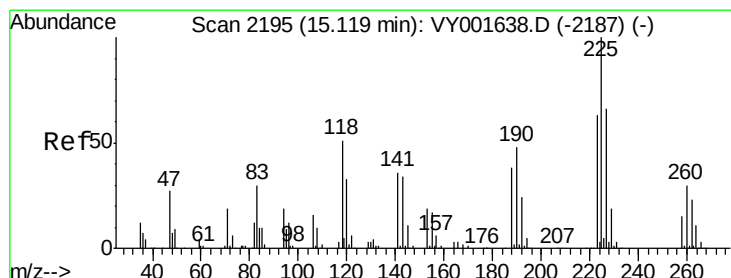
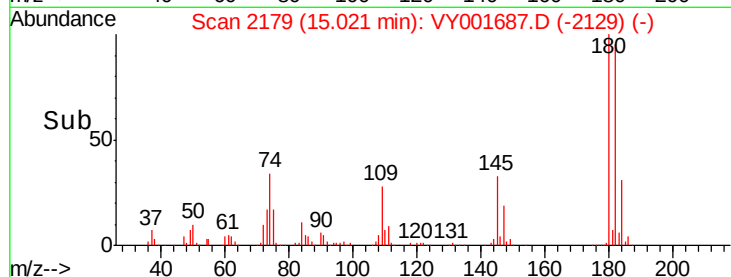
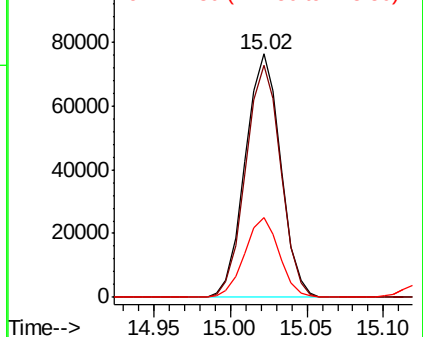


Abundance

Ion 179.80 (179.50 to 180.50): V

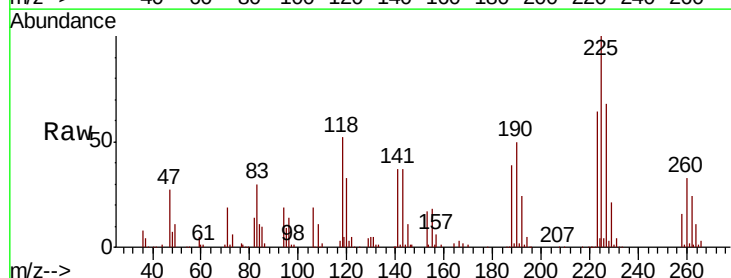
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 46.847 ug/l
 RT: 15.13 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY001687.D
 Acq: 18 Feb 2020 21:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.4	94.0
227	64.7	31.6	94.8

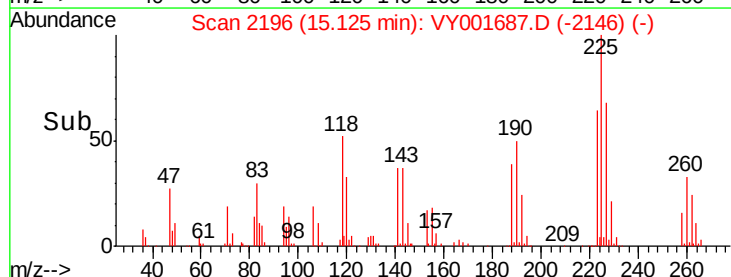
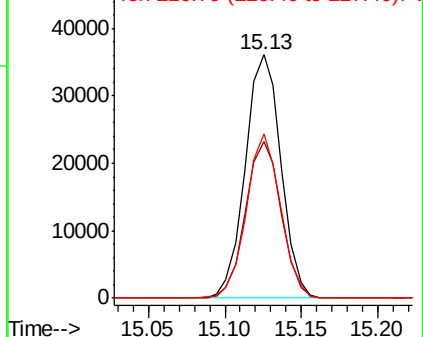


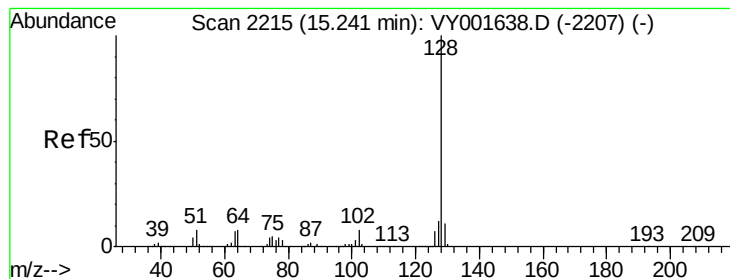
Abundance

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: 51.389 ug/l

RT: 15.25 min Scan# 2217

Delta R.T. 0.01 min

Lab File: VY001687.D

Acq: 18 Feb 2020 21:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

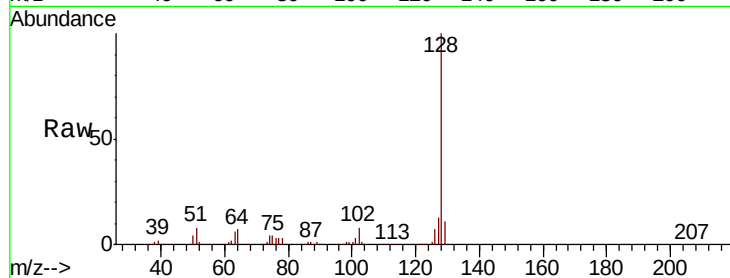
Tot Ion:128 Resp: 297664

Ion Ratio Lower Upper

128 100

127 12.7 9.9 14.9

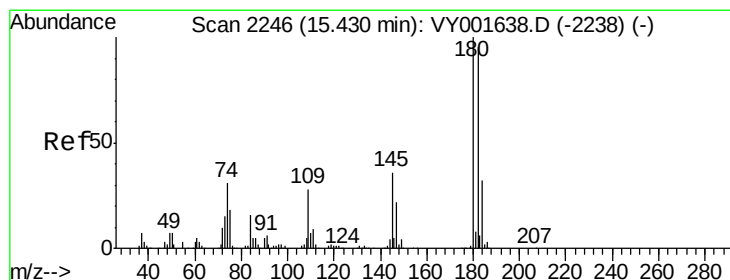
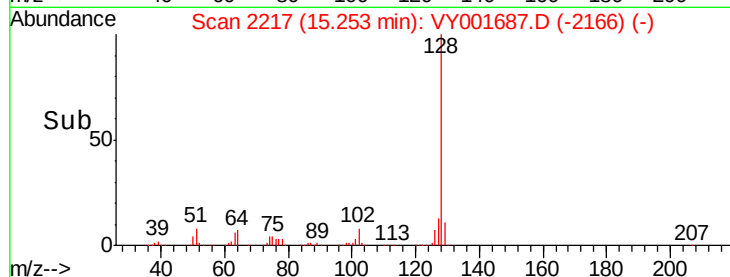
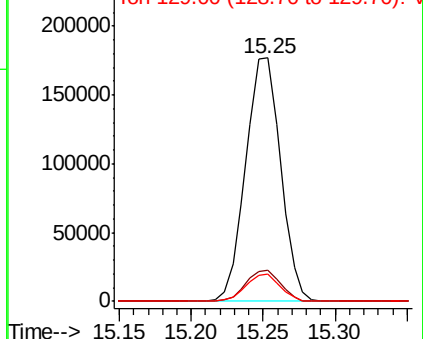
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.390 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.01 min

Lab File: VY001687.D

Acq: 18 Feb 2020 21:15

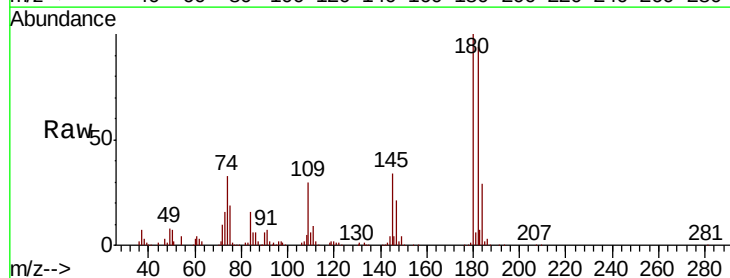
Tgt Ion:180 Resp: 111369

Ion Ratio Lower Upper

180 100

182 95.2 47.2 141.6

145 33.1 17.3 52.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

