

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
 Data File : VY002060.D
 Acq On : 25 Mar 2020 11:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 26 06:32:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	153824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	275038	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	247919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	114238	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	77962	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
35) Dibromofluoromethane	7.75	113	77814	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
50) Toluene-d8	10.20	98	307008	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
62) 4-Bromofluorobenzene	12.50	95	111133	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	62141	43.764	ug/l	94
3) Chloromethane	2.13	50	86329	45.096	ug/l	100
4) Vinyl Chloride	2.27	62	92258	47.379	ug/l	100
5) Bromomethane	2.67	94	60767	53.885	ug/l	100
6) Chloroethane	2.82	64	61457	50.243	ug/l	98
7) Trichlorofluoromethane	3.15	101	131875	49.937	ug/l	96
8) Diethyl Ether	3.55	74	52364	50.310	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	88636	52.184	ug/l	98
10) Methyl Iodide	4.13	142	104274	53.085	ug/l	99
11) Tert butyl alcohol	5.00	59	39632	230.116	ug/l	100
12) 1,1-Dichloroethene	3.91	96	87181	50.976	ug/l	94
13) Acrolein	3.76	56	54878	237.810	ug/l	99
14) Allyl chloride	4.52	41	162612	53.633	ug/l	100
15) Acrylonitrile	5.21	53	137045	246.403	ug/l	100
16) Acetone	3.98	43	143604	300.239	ug/l	98
17) Carbon Disulfide	4.23	76	258937	45.039	ug/l	99
18) Methyl Acetate	4.51	43	59521	48.432	ug/l	99
19) Methyl tert-butyl Ether	5.26	73	239876	51.757	ug/l	97
20) Methylene Chloride	4.76	84	99747	48.659	ug/l	99
21) trans-1,2-Dichloroethene	5.25	96	98586	50.787	ug/l	96
22) Diisopropyl ether	6.16	45	330587	53.192	ug/l	94
23) Vinyl Acetate	6.10	43	1047288	257.047	ug/l	98
24) 1,1-Dichloroethane	6.05	63	178253	52.963	ug/l	99
25) 2-Butanone	7.02	43	191738	263.607	ug/l	100
26) 2,2-Dichloropropane	7.02	77	151234	54.748	ug/l	98
27) cis-1,2-Dichloroethene	7.02	96	110786	52.466	ug/l	99
28) Bromochloromethane	7.36	49	78641	51.839	ug/l	100
29) Tetrahydrofuran	7.38	42	113707	235.411	ug/l	100
30) Chloroform	7.53	83	168727	53.360	ug/l	99
31) Cyclohexane	7.81	56	172681	47.852	ug/l	95
32) 1,1,1-Trichloroethane	7.73	97	145848	54.725	ug/l	99
36) 1,1-Dichloropropene	7.94	75	139105	52.558	ug/l	99
37) Ethyl Acetate	7.11	43	75998	49.405	ug/l	100
38) Carbon Tetrachloride	7.93	117	121947	53.936	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	179624	51.169	ug/l	98
40) Benzene	8.19	78	412781	52.618	ug/l	100
41) Methacrylonitrile	7.37	41	103217	149.097	ug/l #	22
42) 1,2-Dichloroethane	8.27	62	107057	52.960	ug/l	100
43) Isopropyl Acetate	8.30	43	146921	50.447	ug/l	99
44) Trichloroethene	8.96	130	100986	52.857	ug/l	98
45) 1,2-Dichloropropane	9.24	63	107450	54.487	ug/l	100
46) Dibromomethane	9.33	93	53354	52.501	ug/l	98
47) Bromodichloromethane	9.52	83	130918	55.380	ug/l	100
48) Methyl methacrylate	9.32	41	64867	50.195	ug/l	94
49) 1,4-Dioxane	9.32	88	13627	978.594	ug/l	99
51) 4-Methyl-2-Pentanone	10.09	43	376542	251.015	ug/l	100
52) Toluene	10.26	92	255214	53.554	ug/l	100
53) t-1,3-Dichloropropene	10.49	75	141737	55.032	ug/l	99
54) cis-1,3-Dichloropropene	9.95	75	167834	54.740	ug/l	100
55) 1,1,2-Trichloroethane	10.66	97	77979	52.431	ug/l	98
56) Ethyl methacrylate	10.53	69	114591	52.566	ug/l	97
57) 1,3-Dichloropropane	10.81	76	139643	52.674	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	184818	241.418	ug/l	99
59) 2-Hexanone	10.85	43	281682	263.085	ug/l	99
60) Dibromochloromethane	11.00	129	86259	55.041	ug/l	100
61) 1,2-Dibromoethane	11.11	107	73419	52.114	ug/l	99
64) Tetrachloroethene	10.74	164	81513	52.428	ug/l	97
65) Chlorobenzene	11.53	112	263633	53.368	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.61	131	88303	54.510	ug/l	99
67) Ethyl Benzene	11.61	91	494913	53.720	ug/l	99
68) m/p-Xylenes	11.72	106	367273	107.828	ug/l	99
69) o-Xylene	12.05	106	173647	54.090	ug/l	98
70) Styrene	12.06	104	299161	54.409	ug/l	99
71) Bromoform	12.22	173	48870	55.627	ug/l #	98
73) Isopropylbenzene	12.35	105	473829	54.334	ug/l	99
74) N-amyl acetate	12.16	43	134790	50.291	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.60	83	95118	50.579	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	123504	91.113	ug/l #	100
77) Bromobenzene	12.63	156	100296	54.283	ug/l	97
78) n-propylbenzene	12.69	91	583397	54.225	ug/l	100
79) 2-Chlorotoluene	12.77	91	319307	53.719	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	390665	54.416	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	34839	51.916	ug/l	99
82) 4-Chlorotoluene	12.87	91	338841	54.750	ug/l	100
83) tert-Butylbenzene	13.09	119	331995	55.677	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	390446	54.802	ug/l	100
85) sec-Butylbenzene	13.27	105	488609	55.592	ug/l	100
86) p-Isopropyltoluene	13.38	119	418407	55.185	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	195080	53.880	ug/l	100
88) 1,4-Dichlorobenzene	13.46	146	196061	53.378	ug/l	99
89) n-Butylbenzene	13.71	91	431116	54.807	ug/l	99
90) Hexachloroethane	13.97	117	80081	55.988	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	176504	53.661	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	14075	47.963	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration

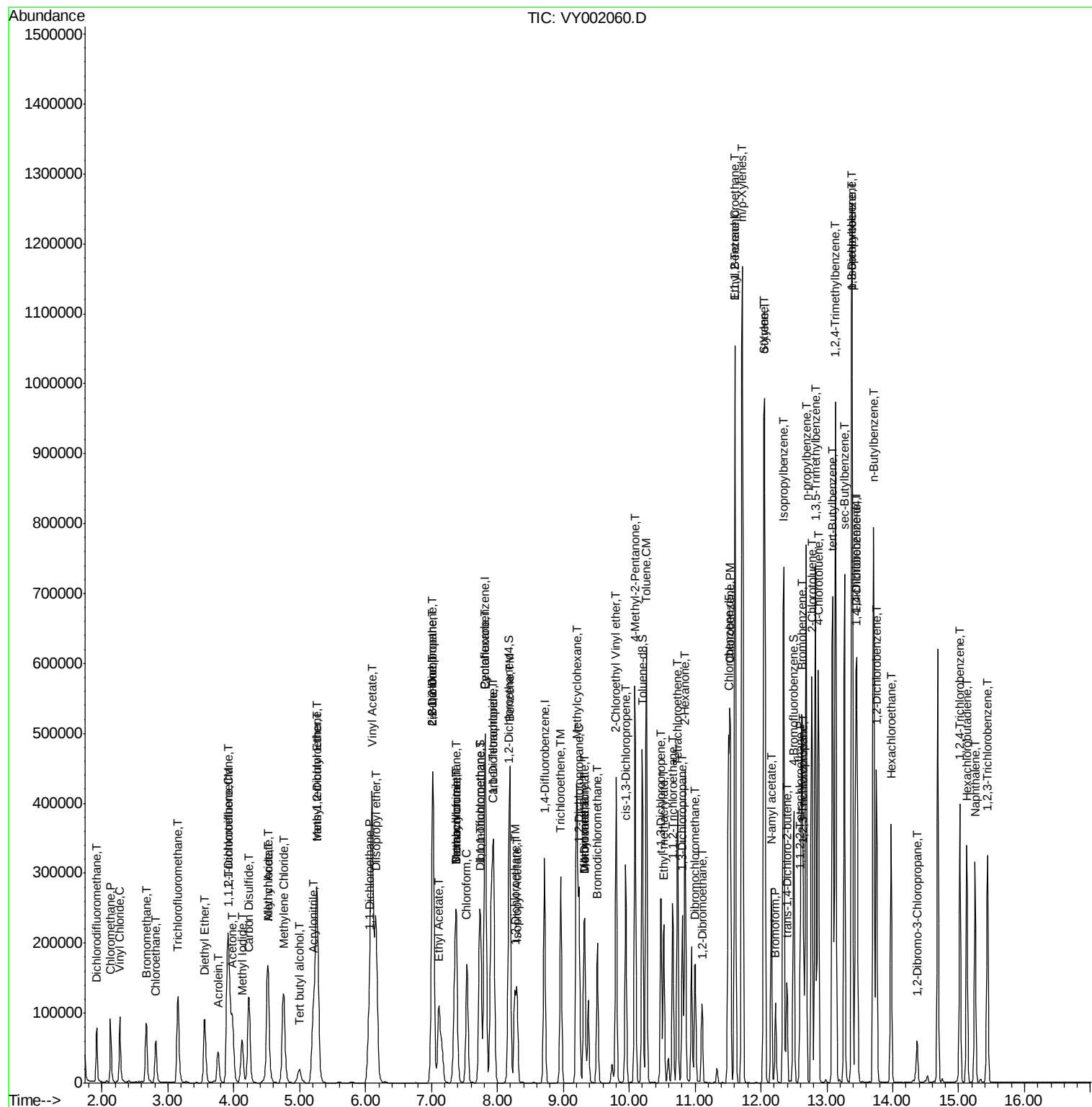
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	115273	54.039	ug/l	98
94) Hexachlorobutadiene	15.13	225	57316	55.112	ug/l	99
95) Naphthalene	15.25	128	256985	50.790	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	99848	53.134	ug/l	99

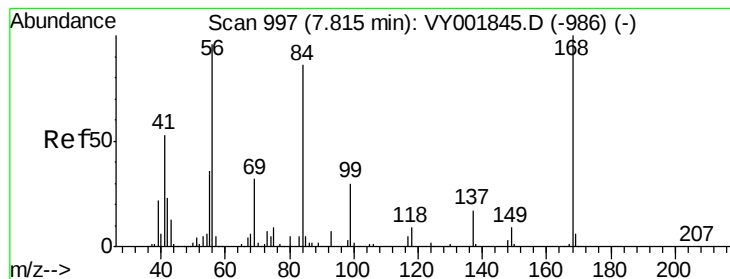
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
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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: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :

MSVOA_Y

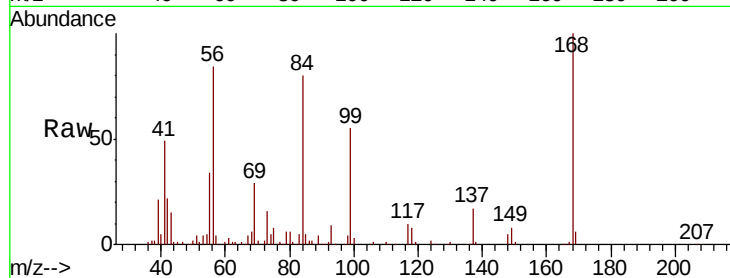
ClientSampled :

Tot Ion:168 Resp: 153824

Ion Ratio Lower Upper

168 100

99 55.2 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)

7.82

60000

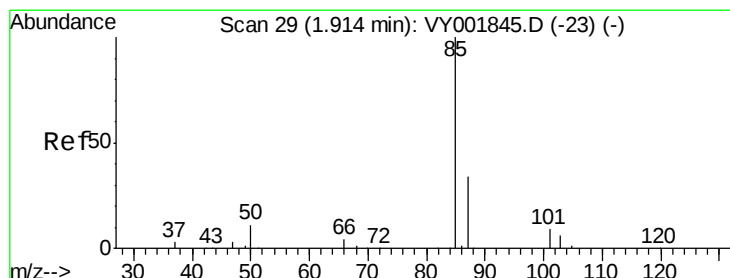
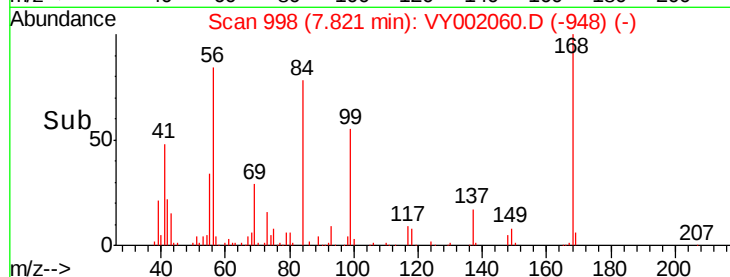
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 43.764 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY002060.D

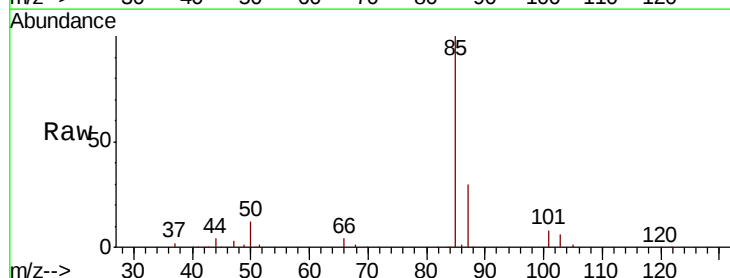
Acq: 25 Mar 2020 11:09

Tgt Ion: 85 Resp: 62141

Ion Ratio Lower Upper

85 100

87 30.5 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY001845.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001845.D (-23) (-)

1.92

50000

40000

30000

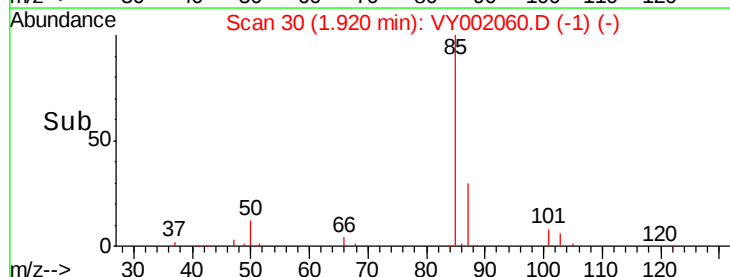
20000

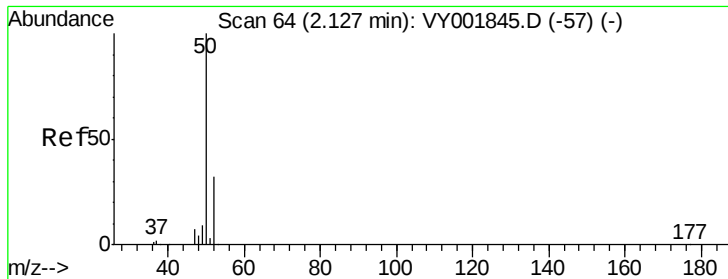
10000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 45.096 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :

MSVOA_Y

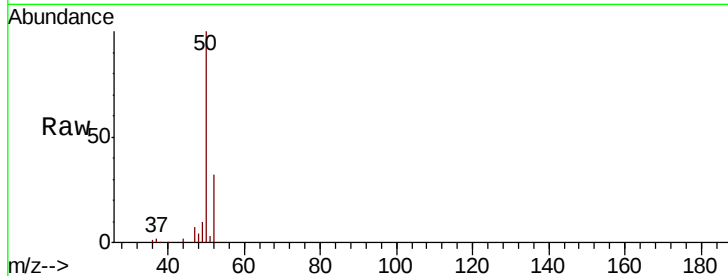
ClientSampleId :

Tot Ion: 50 Resp: 86329

Ion Ratio Lower Upper

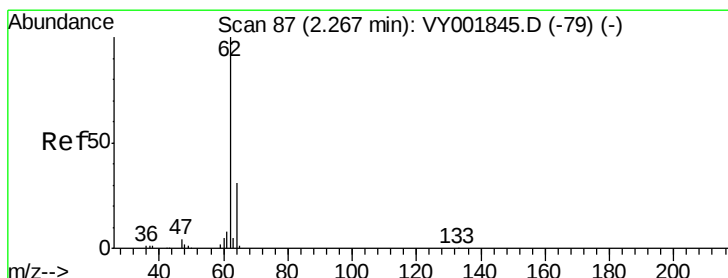
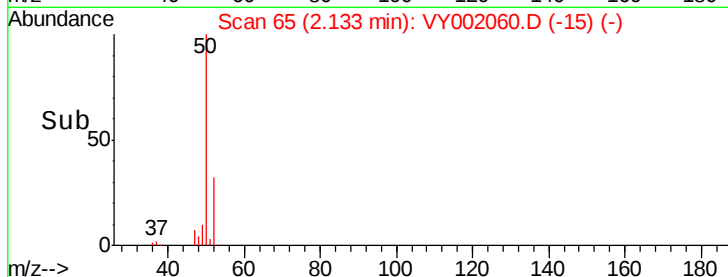
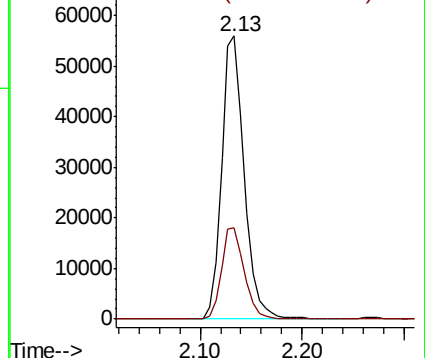
50 100

52 32.4 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 47.379 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.00 min

Lab File: VY002060.D

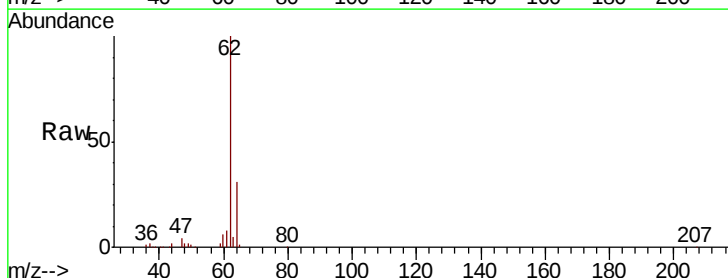
Acq: 25 Mar 2020 11:09

Tgt Ion: 62 Resp: 92258

Ion Ratio Lower Upper

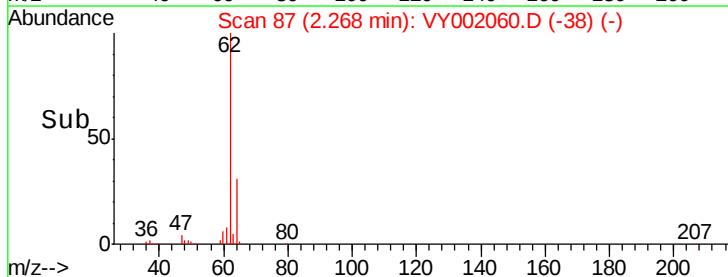
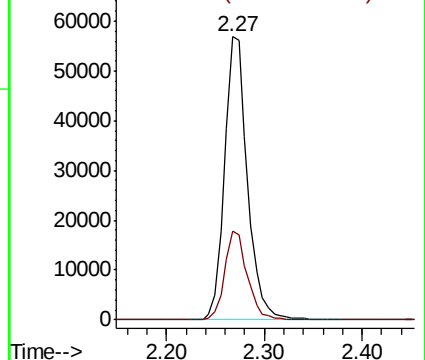
62 100

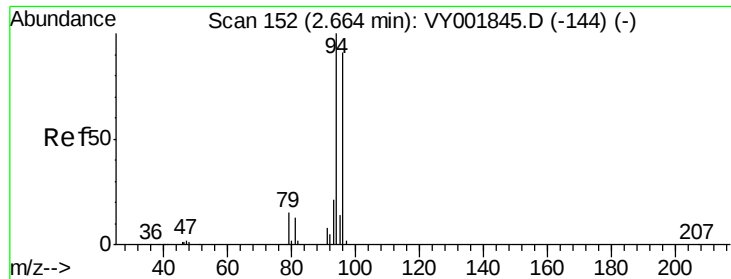
64 31.2 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 53.885 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :

MSVOA_Y

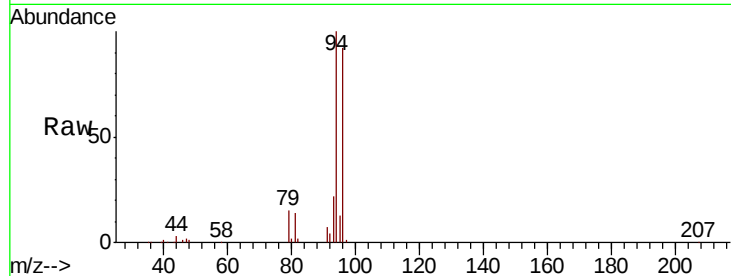
ClientSampleId :

Tot Ion: 94 Resp: 60767

Ion Ratio Lower Upper

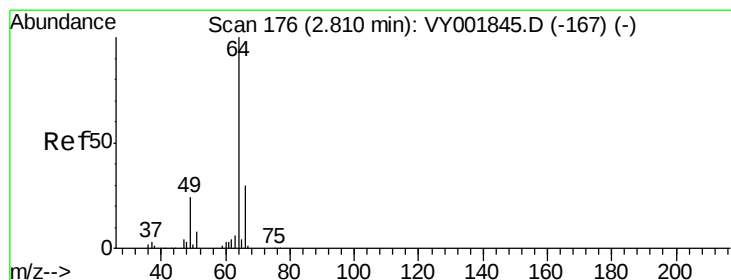
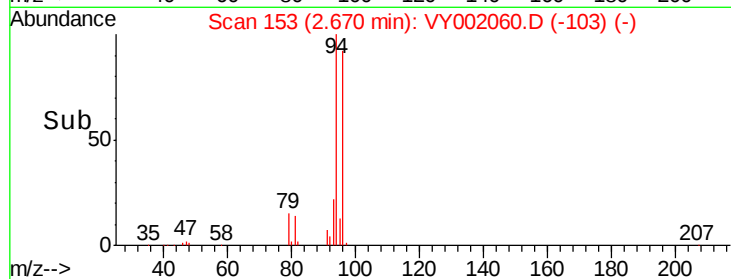
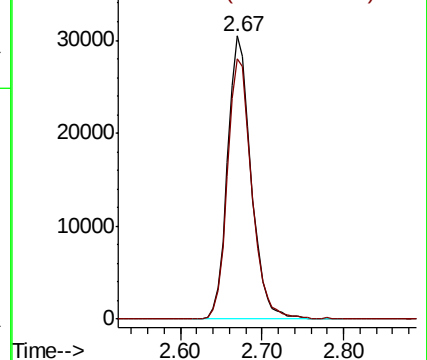
94 100

96 91.9 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 50.243 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY002060.D

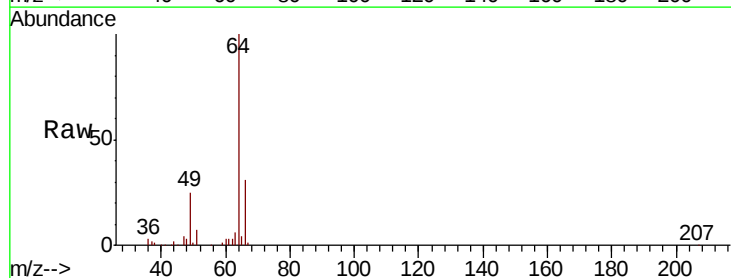
Acq: 25 Mar 2020 11:09

Tgt Ion: 64 Resp: 61457

Ion Ratio Lower Upper

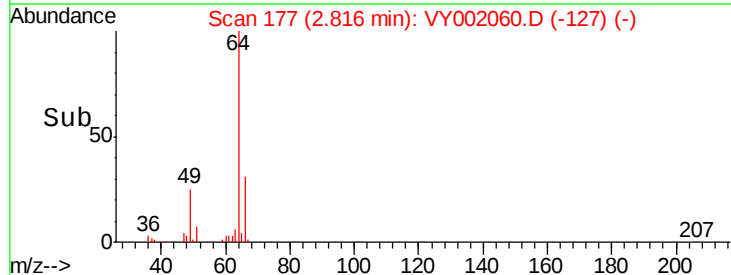
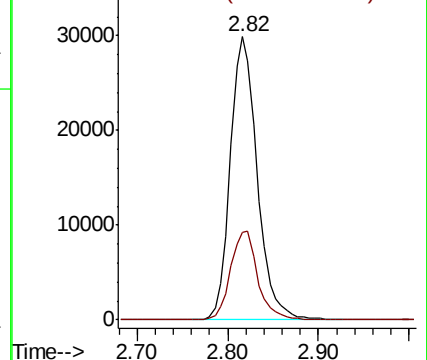
64 100

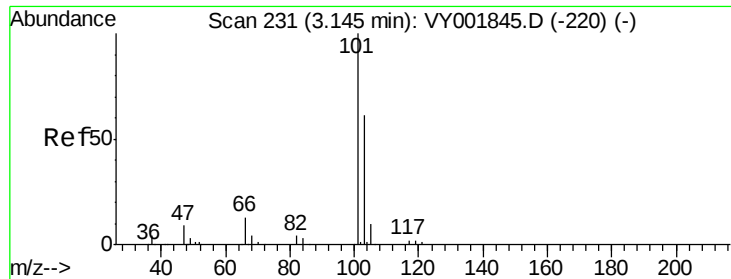
66 30.8 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



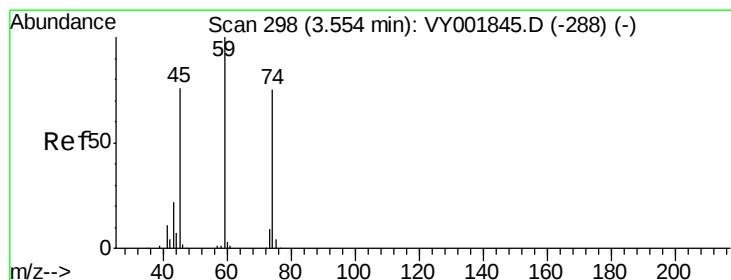
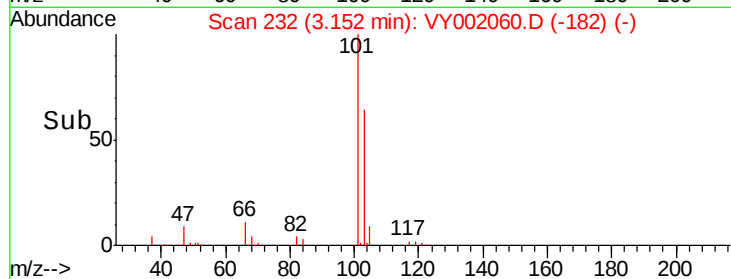
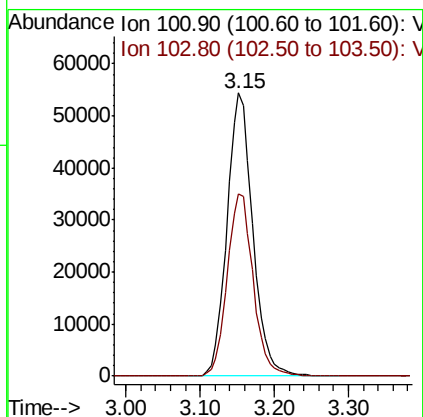
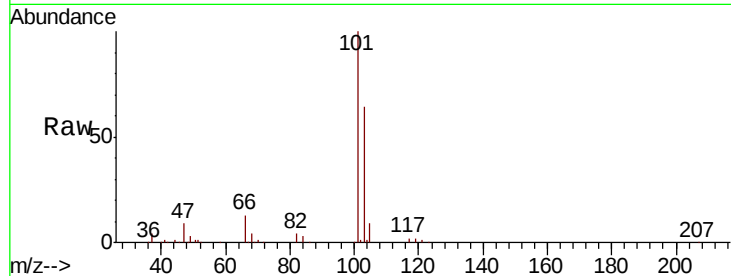


#7

Trichlorofluoromethane
 Concen: 49.937 ug/l
 RT: 3.15 min Scan# 232
 Delta R.T. 0.01 min
 Lab File: VY002060.D
 Acq: 25 Mar 2020 11:09

Instrument :
 MSVOA_Y
 ClientSampled :

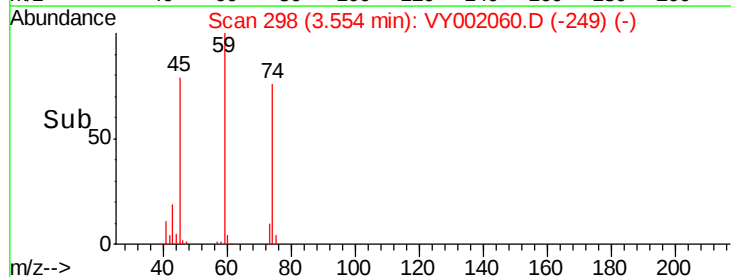
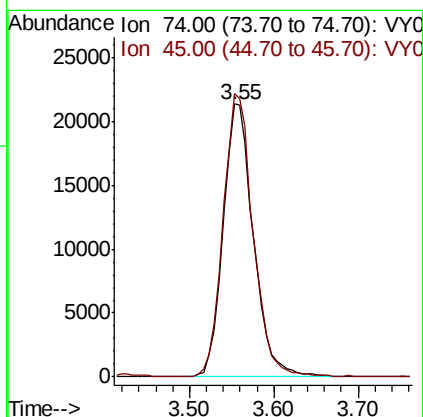
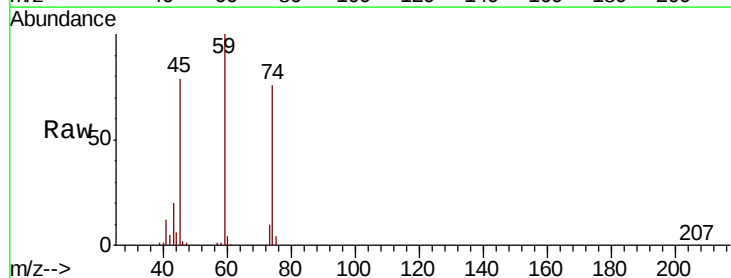
Tot Ion:101 Resp: 131875
 Ion Ratio Lower Upper
 101 100
 103 64.2 49.1 73.7

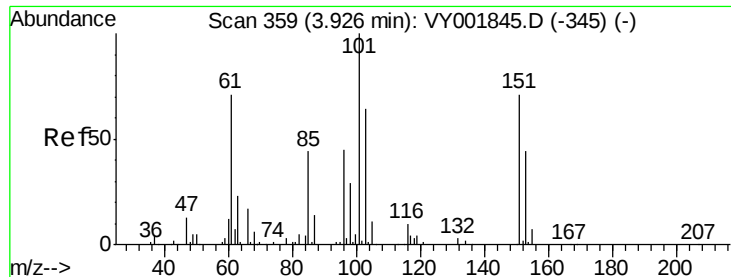


#8

Diethyl Ether
 Concen: 50.310 ug/l
 RT: 3.55 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: VY002060.D
 Acq: 25 Mar 2020 11:09

Tgt Ion: 74 Resp: 52364
 Ion Ratio Lower Upper
 74 100
 45 103.3 50.5 151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.184 ug/l

RT: 3.93 min Scan# 360

Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

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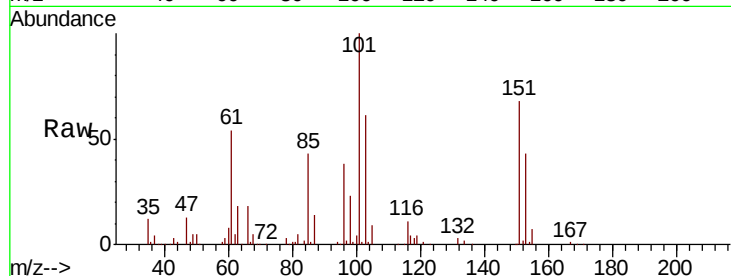
Tot Ion:101 Resp: 88636

Ion Ratio Lower Upper

101 100

85 43.4 35.3 52.9

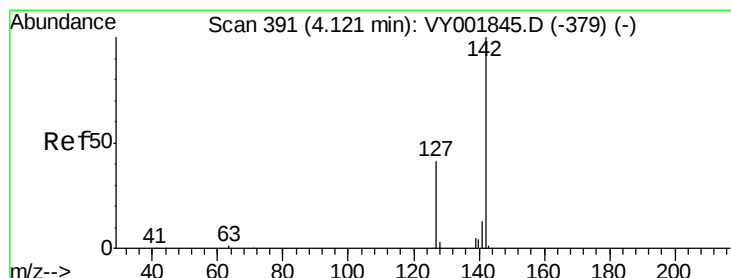
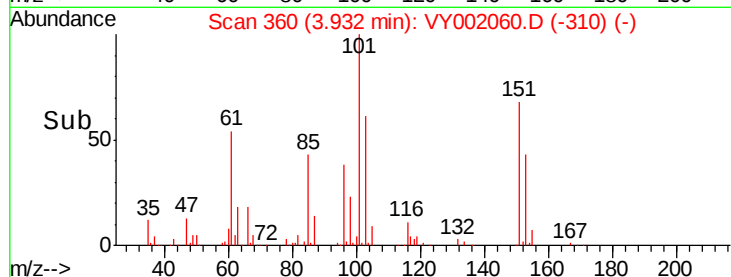
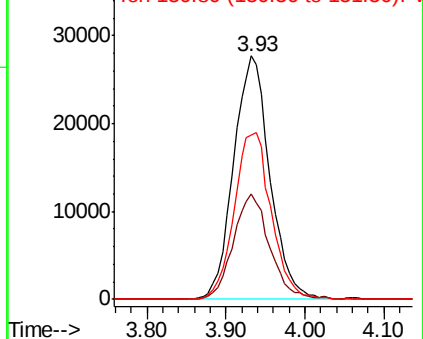
151 69.7 57.0 85.4



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: 53.085 ug/l

RT: 4.13 min Scan# 392

Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

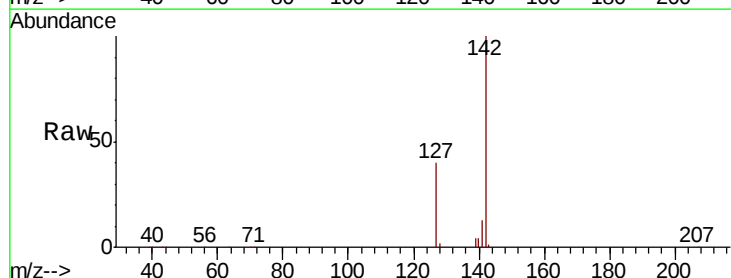
Tgt Ion:142 Resp: 104274

Ion Ratio Lower Upper

142 100

127 41.2 32.7 49.1

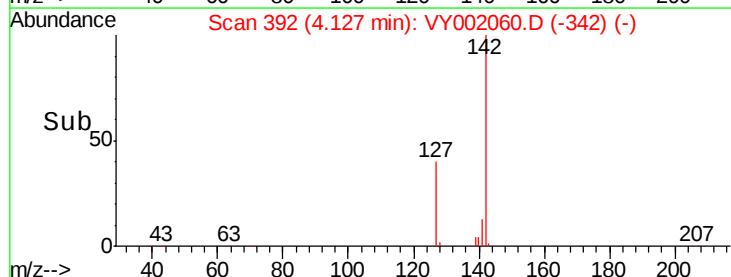
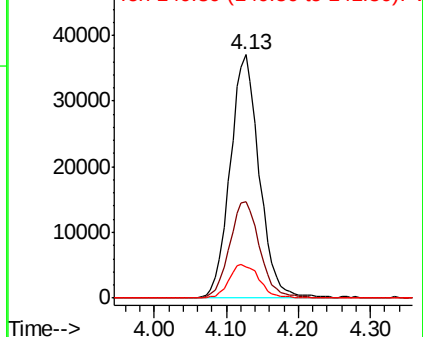
141 14.3 11.0 16.6

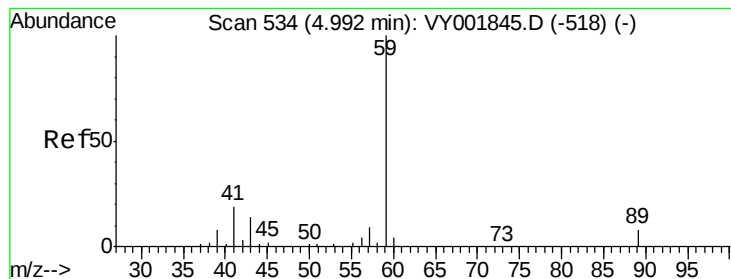


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



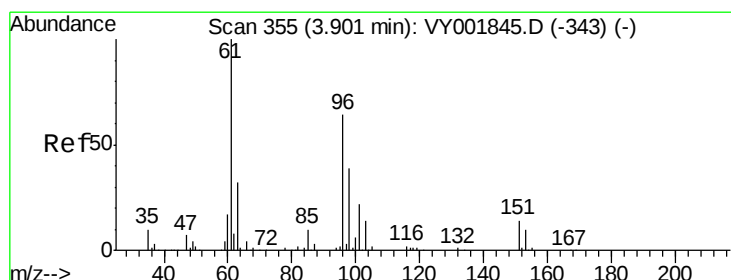
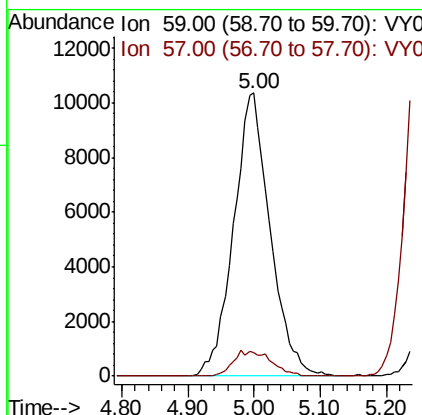
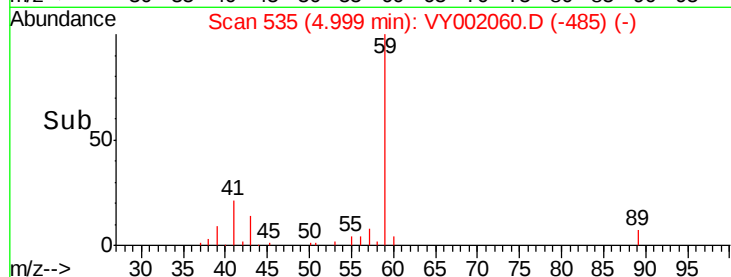
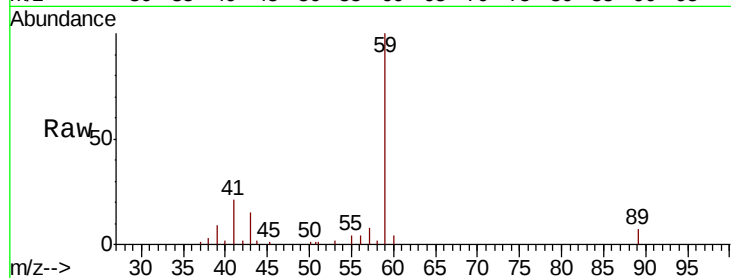


#11

Tert butyl alcohol
Concen: 230.116 ug/l
RT: 5.00 min Scan# 535
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :

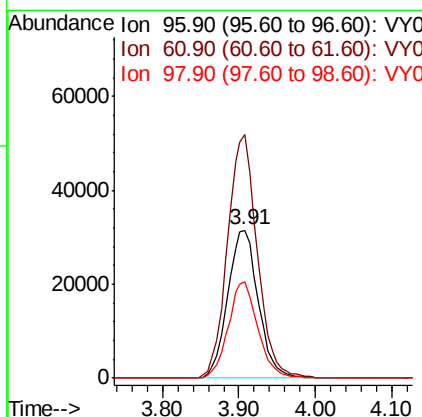
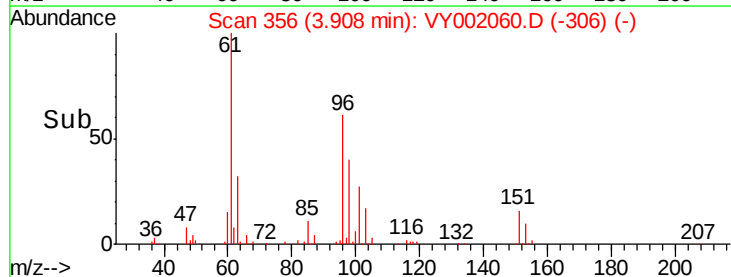
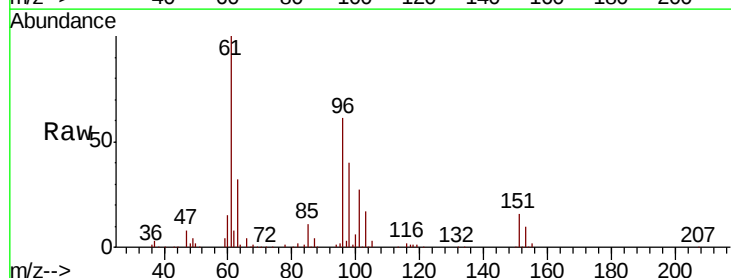
Tot Ion: 59 Resp: 39632
Ion Ratio Lower Upper
59 100
57 9.4 7.4 11.2

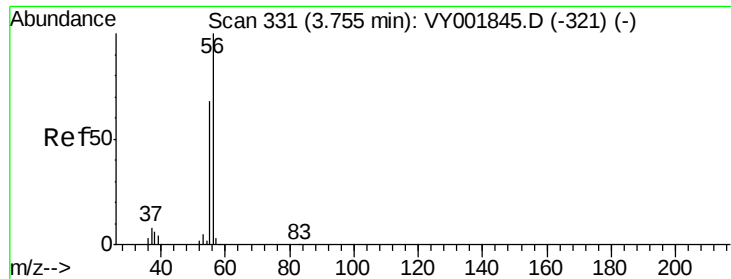


#12

1,1-Dichloroethene
Concen: 50.976 ug/l
RT: 3.91 min Scan# 356
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion: 96 Resp: 87181
Ion Ratio Lower Upper
96 100
61 164.4 124.8 187.2
98 65.1 49.2 73.8





#13

Acrolein

Concen: 237.810 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :

MSVOA_Y

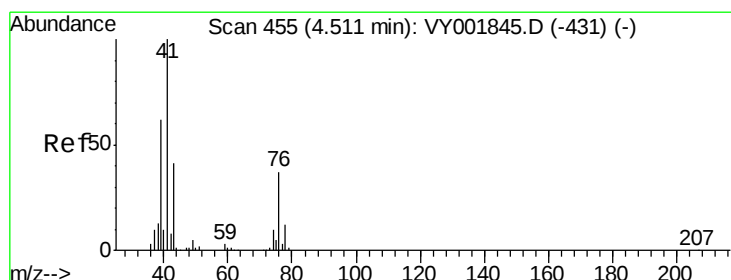
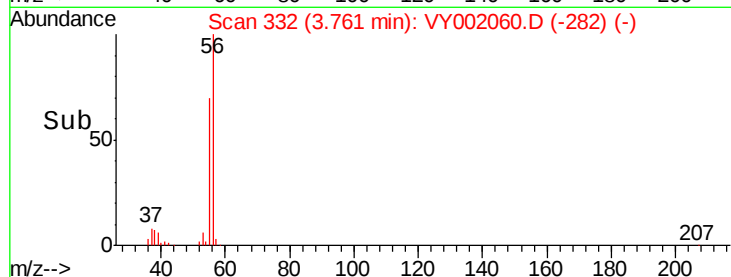
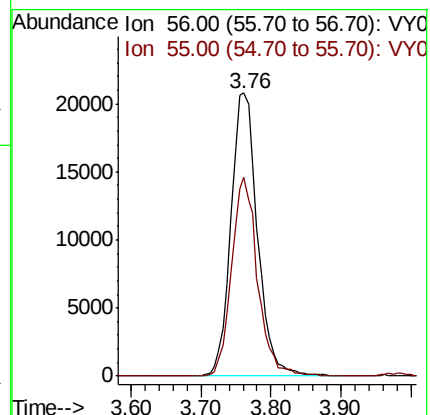
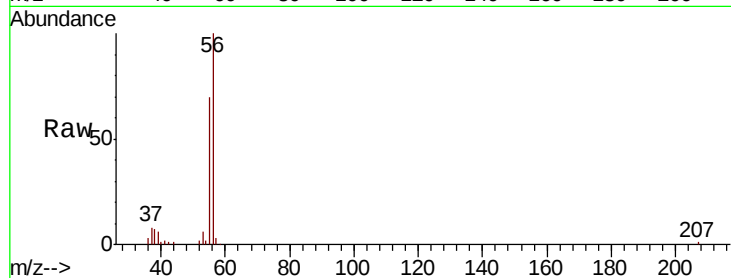
ClientSampleId :

Tot Ion: 56 Resp: 54878

Ion Ratio Lower Upper

56 100

55 68.5 54.0 81.0



#14

Allyl chloride

Concen: 53.633 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

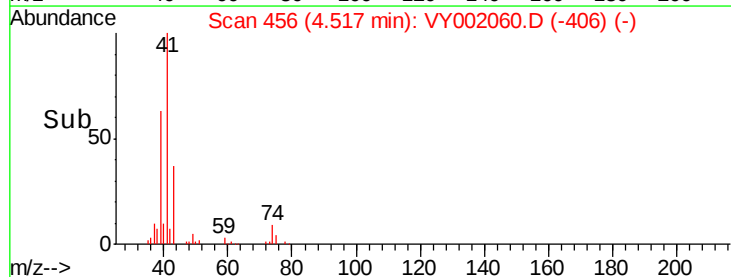
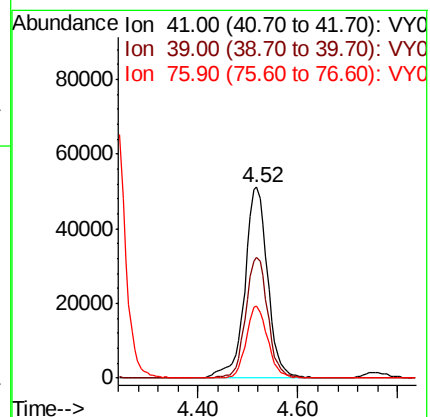
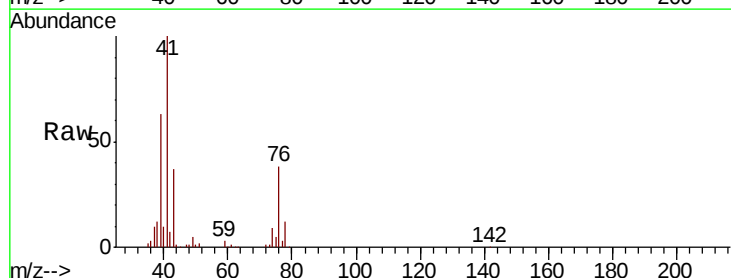
Tgt Ion: 41 Resp: 162612

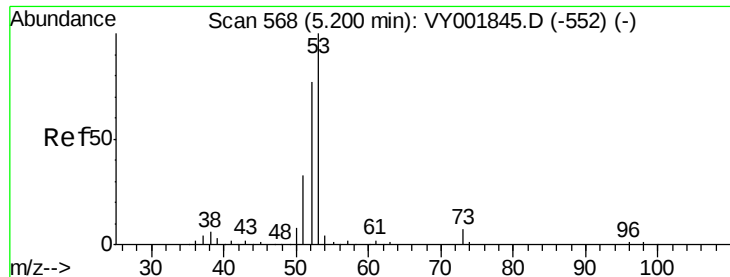
Ion Ratio Lower Upper

41 100

39 61.5 49.0 73.6

76 35.6 28.9 43.3





#15

Acrylonitrile

Concen: 246.403 ug/l

RT: 5.21 min Scan# 569

Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :

MSVOA_Y

ClientSampled :

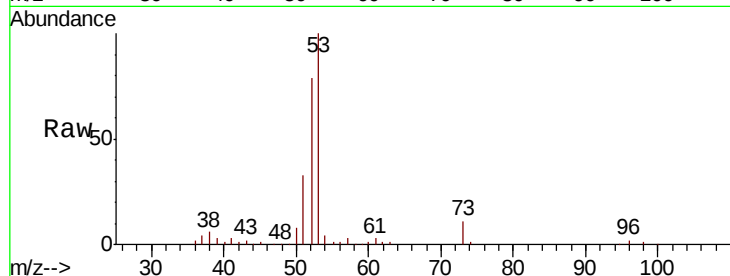
Tot Ion: 53 Resp: 137045

Ion Ratio Lower Upper

53 100

52 81.3 65.1 97.7

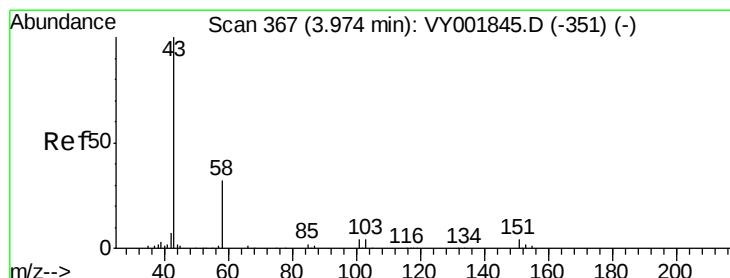
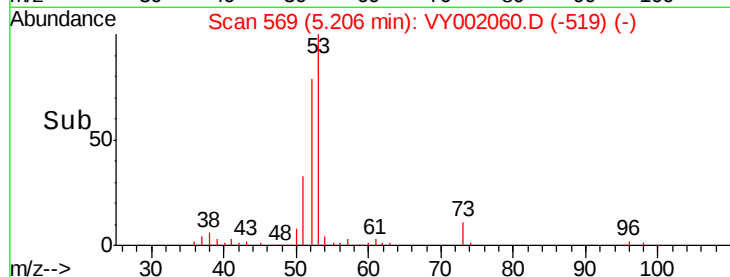
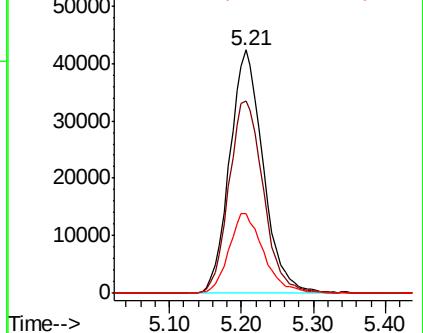
51 34.1 27.5 41.3



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 300.239 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY002060.D

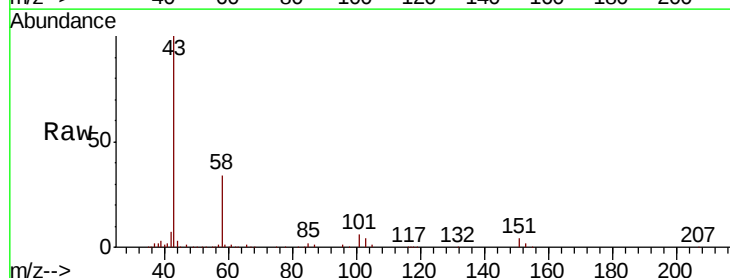
Acq: 25 Mar 2020 11:09

Tgt Ion: 43 Resp: 143604

Ion Ratio Lower Upper

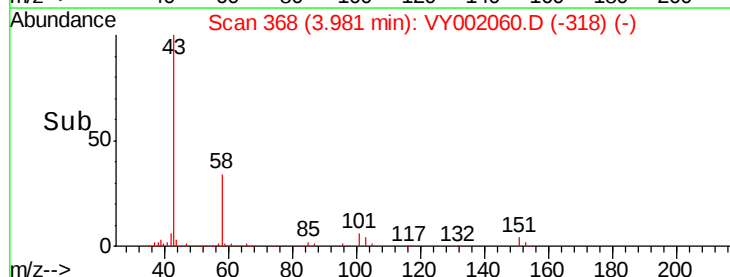
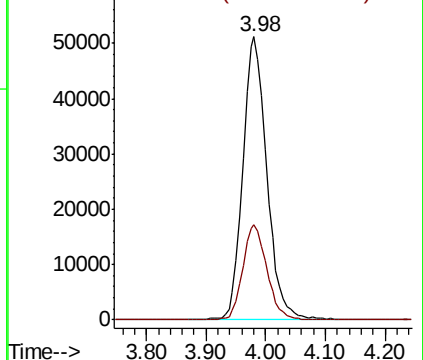
43 100

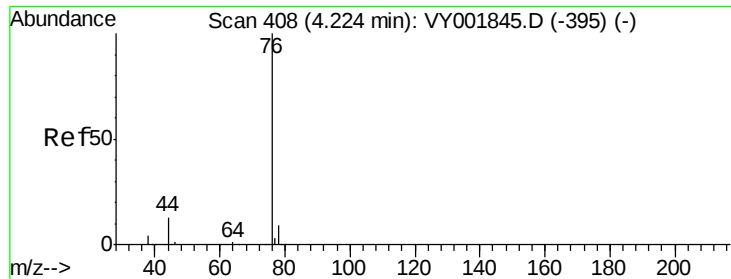
58 33.6 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

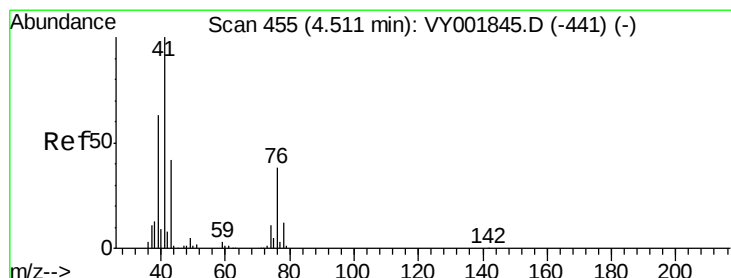
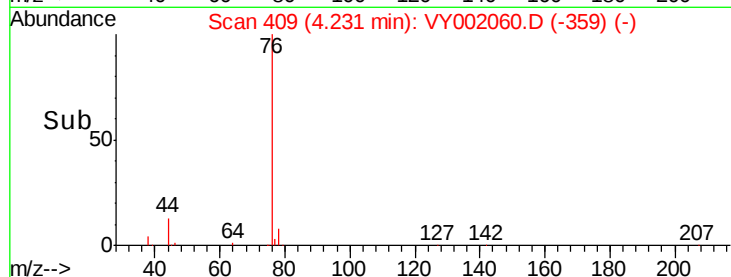
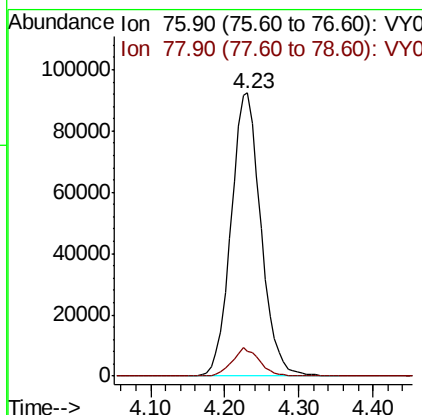
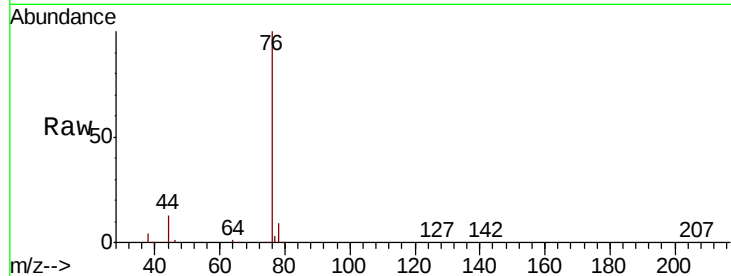




#17
Carbon Disulfide
Concen: 45.039 ug/l
RT: 4.23 min Scan# 409
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

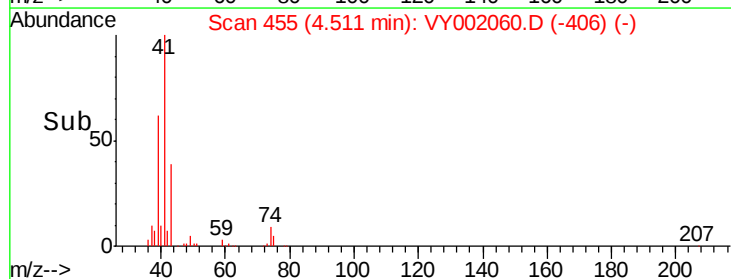
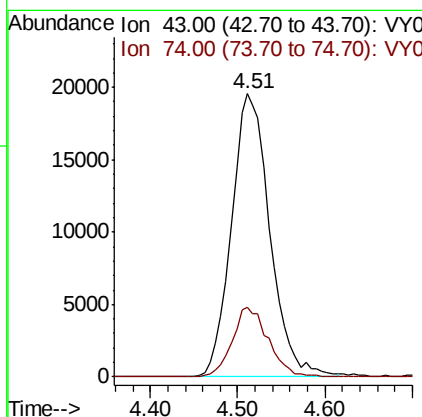
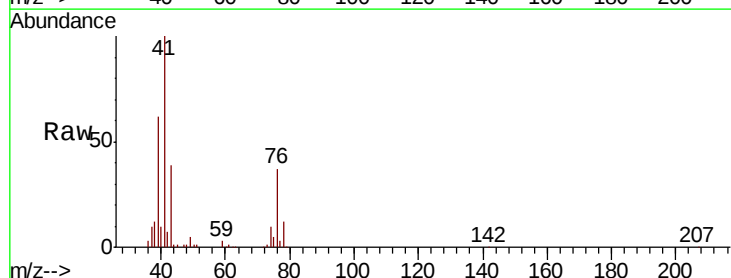
Instrument :
MSVOA_Y
ClientSampleId :

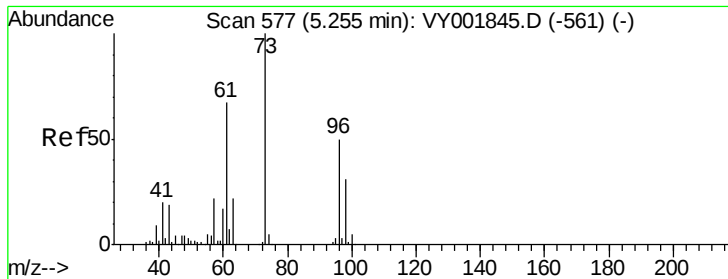
Tot Ion: 76 Resp: 258937
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#18
Methyl Acetate
Concen: 48.432 ug/l
RT: 4.51 min Scan# 455
Delta R.T. 0.00 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion: 43 Resp: 59521
Ion Ratio Lower Upper
43 100
74 23.1 19.0 28.6

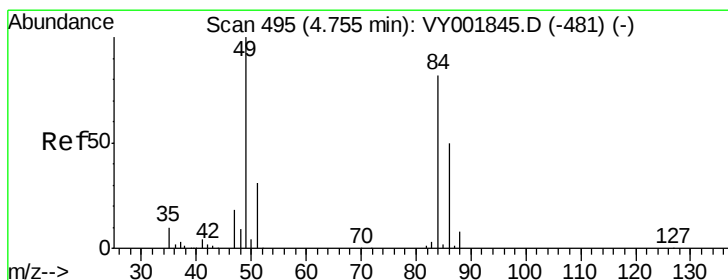
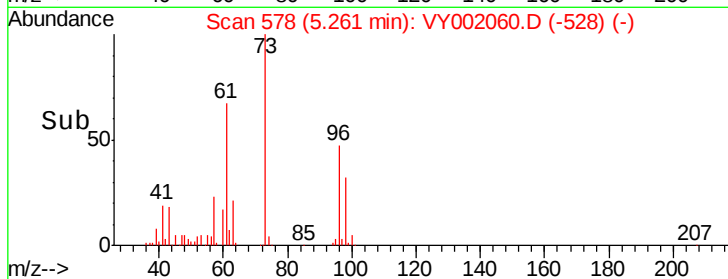
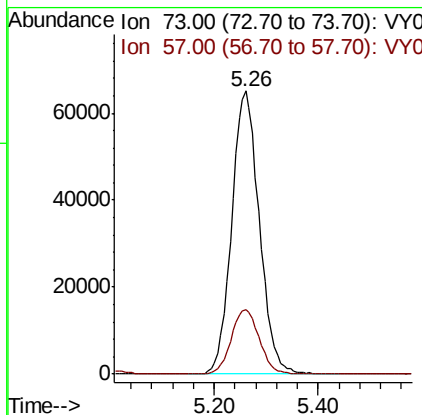
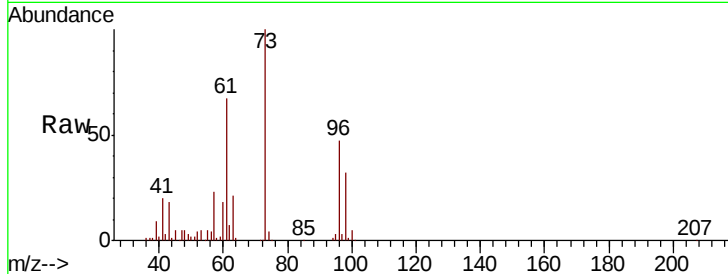




#19
Methyl tert-butyl Ether
Concen: 51.757 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

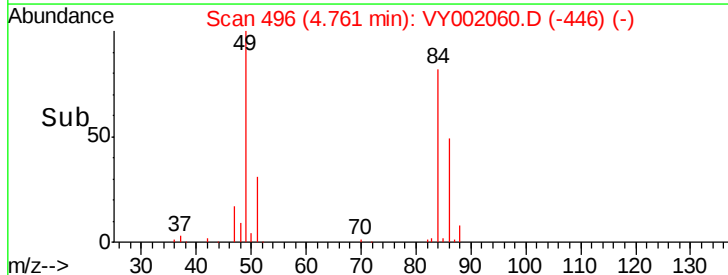
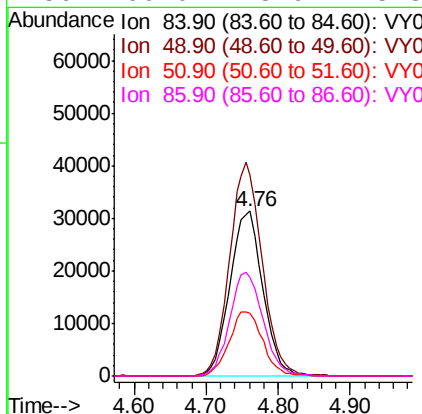
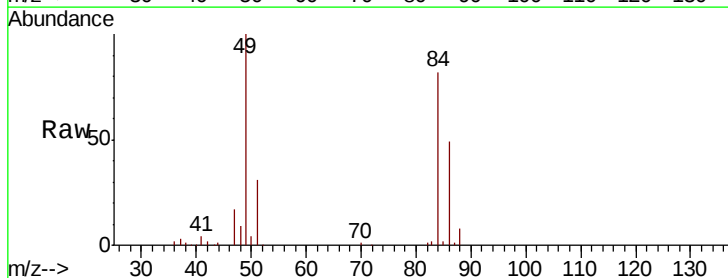
Instrument :
MSVOA_Y
ClientSampleId :

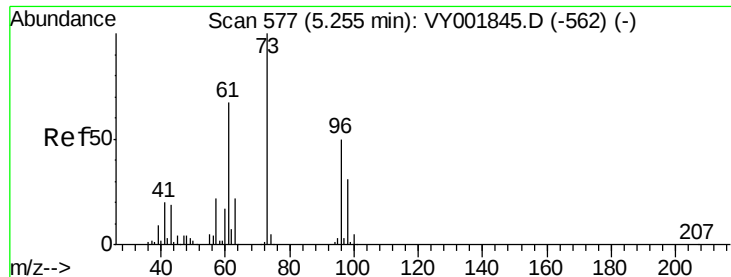
Tot Ion: 73 Resp: 239876
Ion Ratio Lower Upper
73 100
57 23.0 17.4 26.2



#20
Methylene Chloride
Concen: 48.659 ug/l
RT: 4.76 min Scan# 496
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion: 84 Resp: 99747
Ion Ratio Lower Upper
84 100
49 121.8 98.2 147.2
51 37.9 30.2 45.2
86 60.0 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 50.787 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.00 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

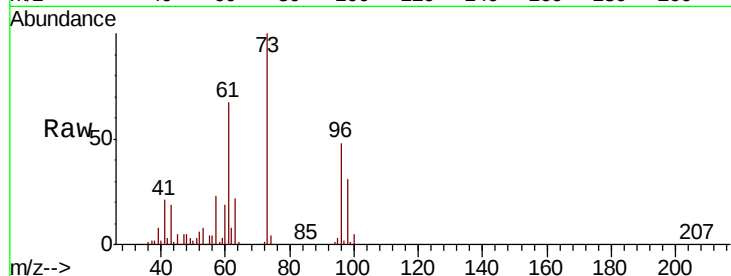
Tot Ion: 96 Resp: 98586

Ion Ratio Lower Upper

96 100

61 139.8 107.7 161.5

98 64.5 49.3 73.9

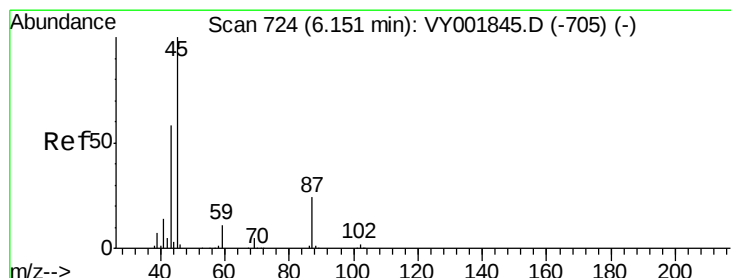
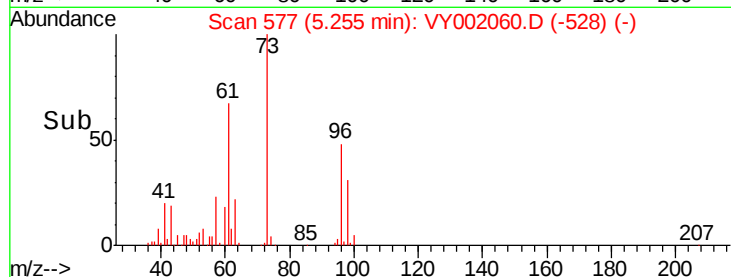
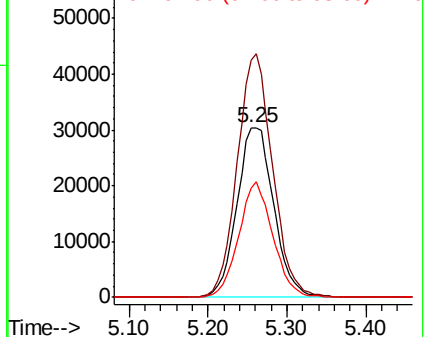


Abundance

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: 53.192 ug/l

RT: 6.16 min Scan# 725

Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Tgt Ion: 45 Resp: 330587

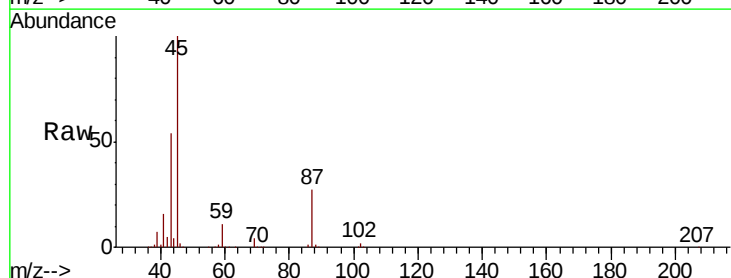
Ion Ratio Lower Upper

45 100

43 53.5 47.2 70.8

87 26.6 19.8 29.8

59 11.3 8.8 13.2



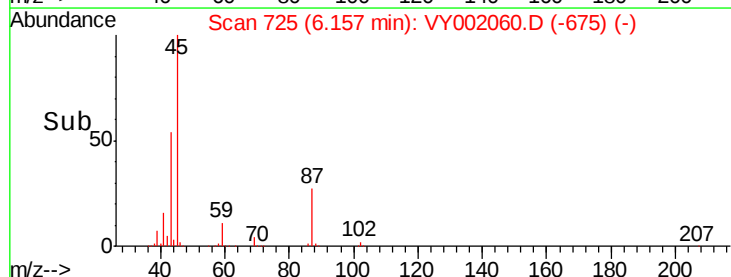
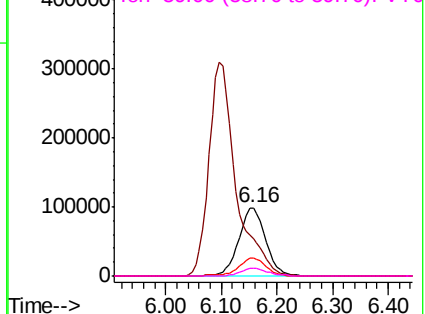
Abundance

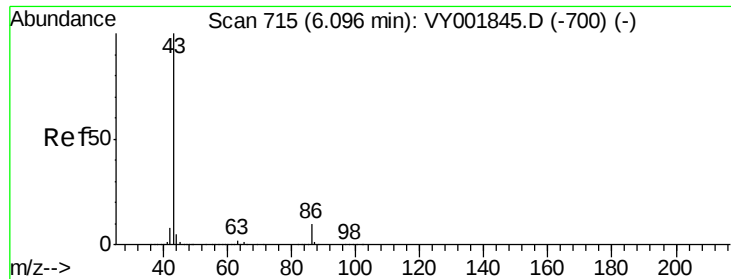
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0

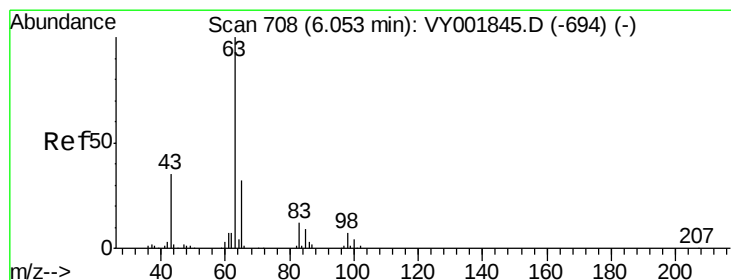
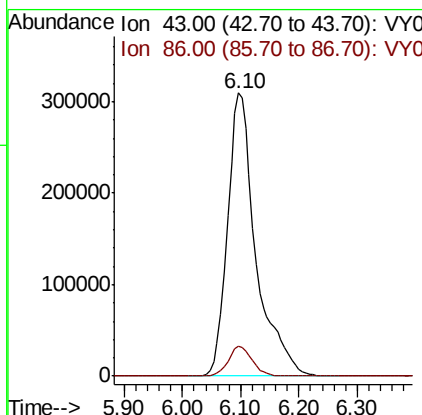
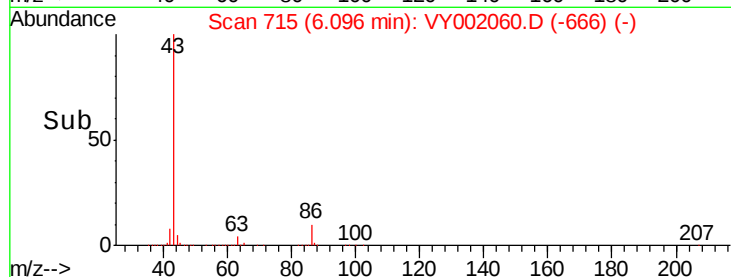
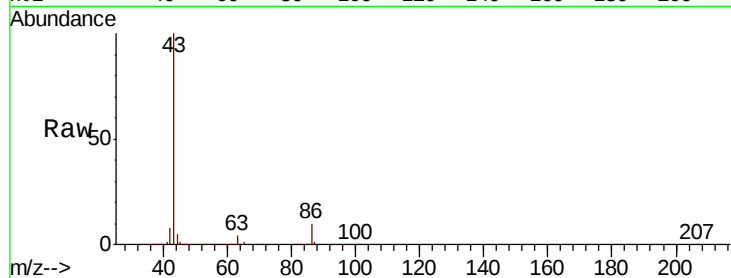




#23
 Vinyl Acetate
 Concen: 257.047 ug/l
 RT: 6.10 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: VY002060.D
 Acq: 25 Mar 2020 11:09

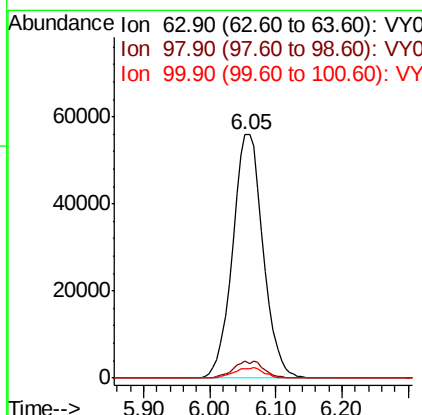
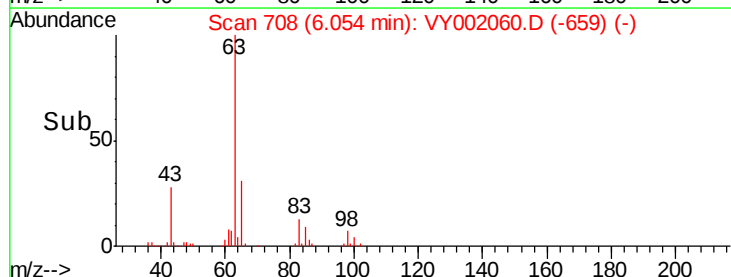
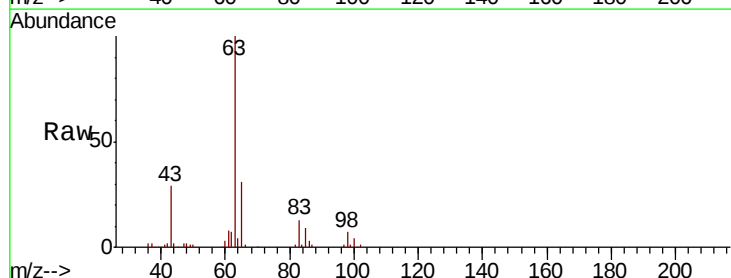
Instrument :
 MSVOA_Y
 ClientSampleId :

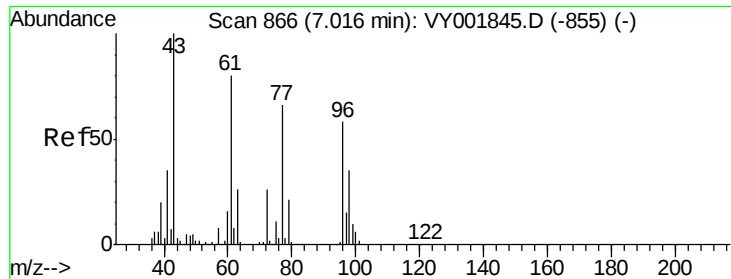
Tot Ion: 43 Resp: 1047288
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 52.963 ug/l
 RT: 6.05 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VY002060.D
 Acq: 25 Mar 2020 11:09

Tgt Ion: 63 Resp: 178253
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.2
 100 3.6 2.0 6.0





#25

2-Butanone

Concen: 263.607 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :

MSVOA_Y

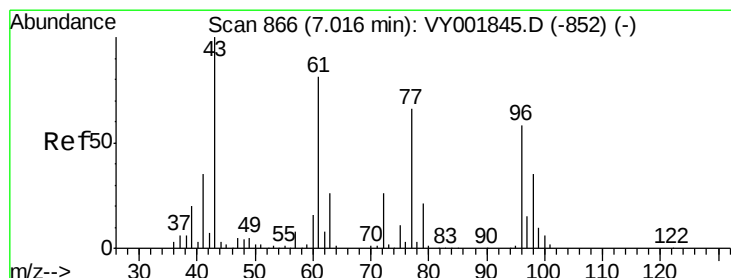
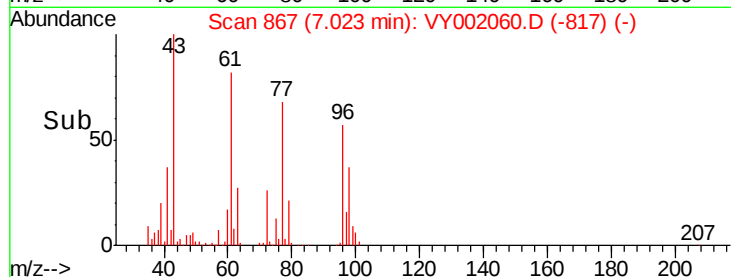
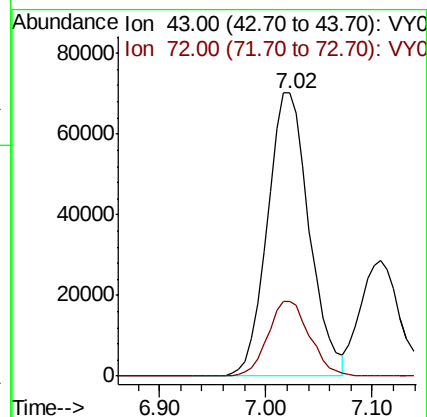
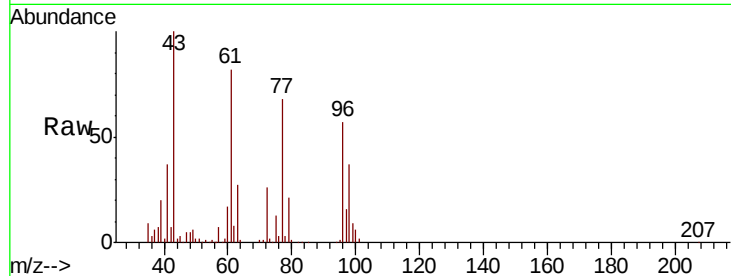
ClientSampled :

Tot Ion: 43 Resp: 191738

Ion Ratio Lower Upper

43 100

72 26.3 20.9 31.3



#26

2,2-Dichloropropane

Concen: 54.748 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY002060.D

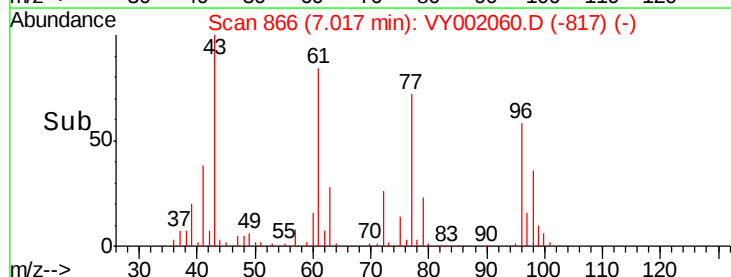
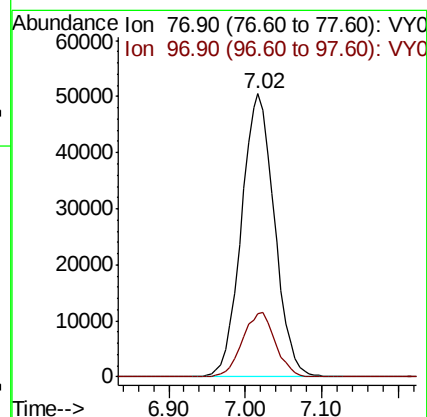
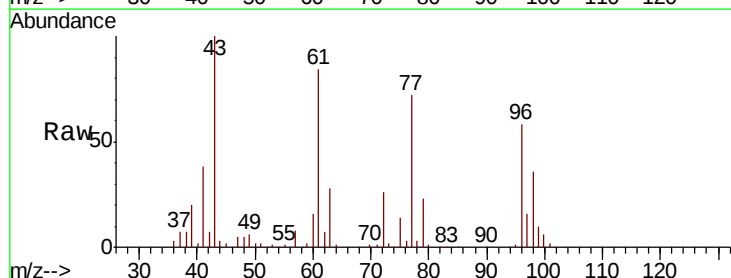
Acq: 25 Mar 2020 11:09

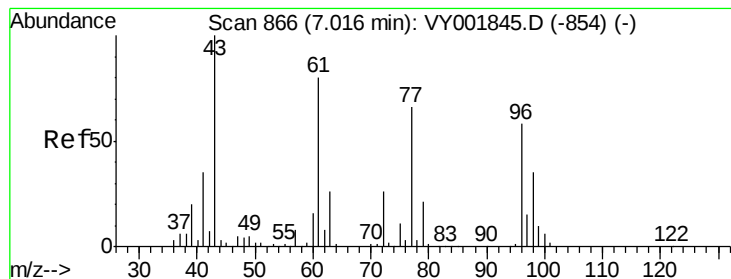
Tgt Ion: 77 Resp: 151234

Ion Ratio Lower Upper

77 100

97 22.7 11.9 35.7



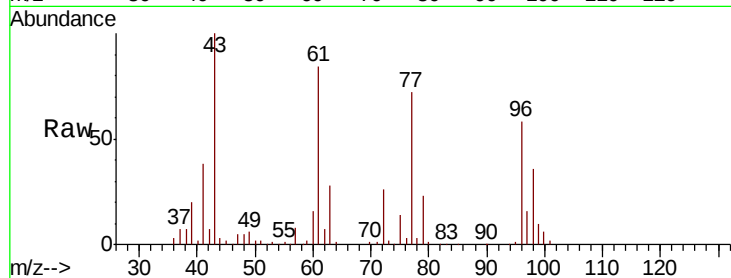


#27

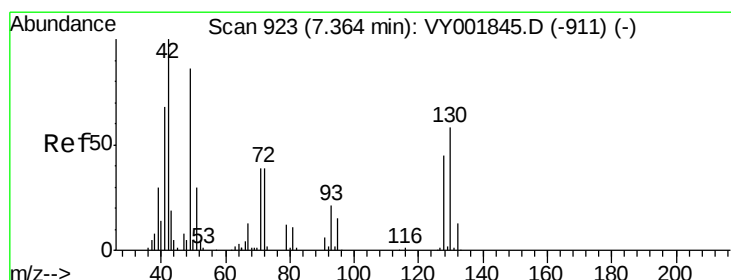
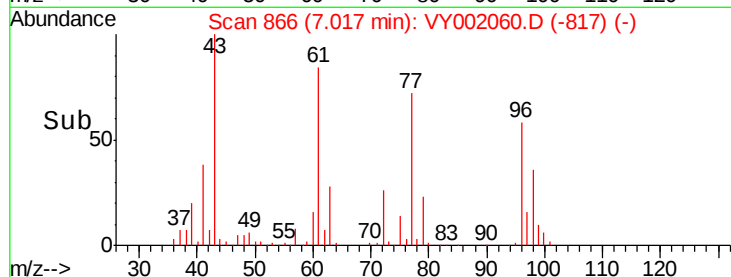
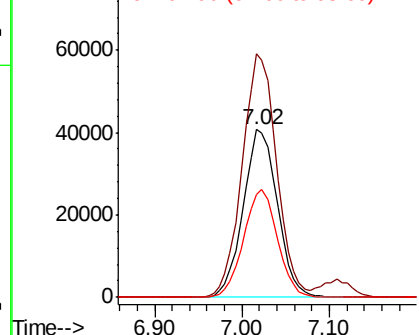
cis-1,2-Dichloroethene
Concen: 52.466 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 110786
Ion Ratio Lower Upper
96 100
61 146.2 0.0 288.2
98 63.8 0.0 129.0



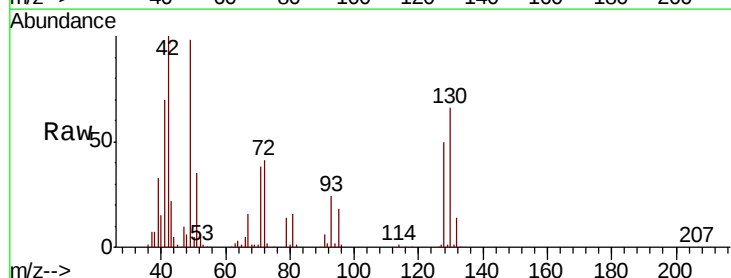
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



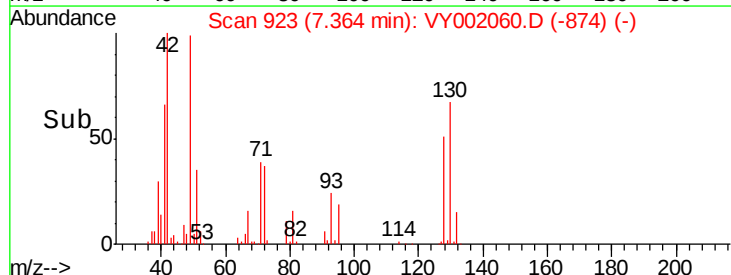
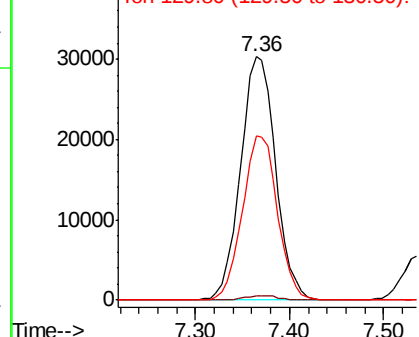
#28

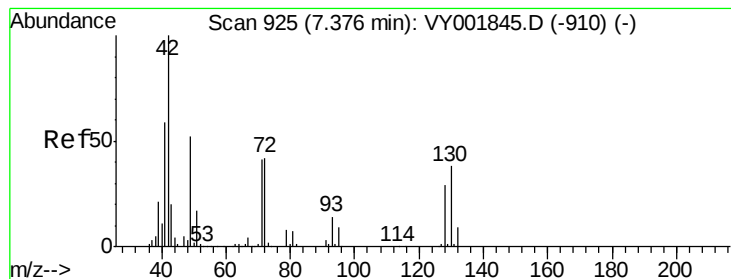
Bromochloromethane
Concen: 51.839 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion: 49 Resp: 78641
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.8
130 67.7 54.4 81.6



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





#29

Tetrahydrofuran

Concen: 235.411 ug/l

RT: 7.38 min Scan# 925

Delta R.T. 0.00 min

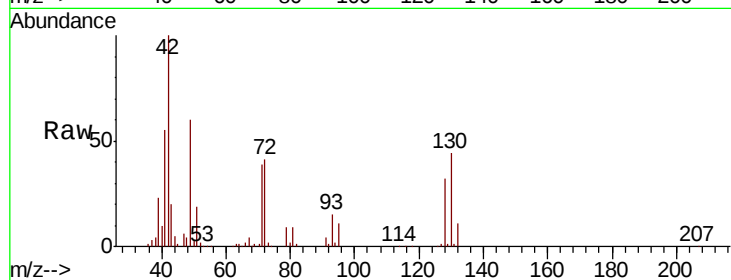
Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 113707

Ion	Ratio	Lower	Upper
42	100		
72	42.2	33.5	50.3
71	39.1	31.3	46.9

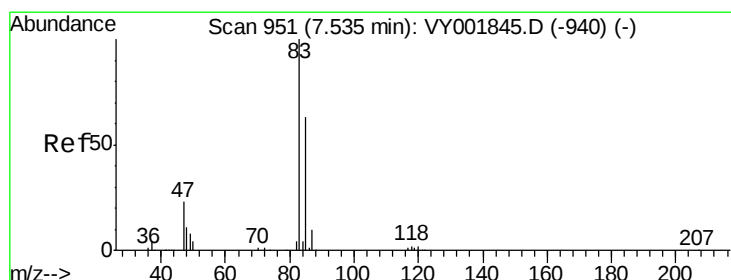
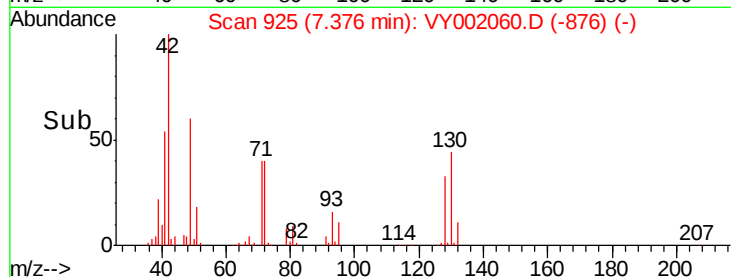
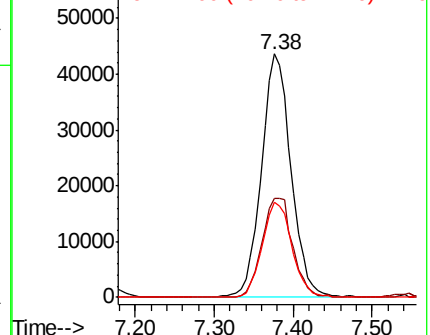


Abundance

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: 53.360 ug/l

RT: 7.53 min Scan# 951

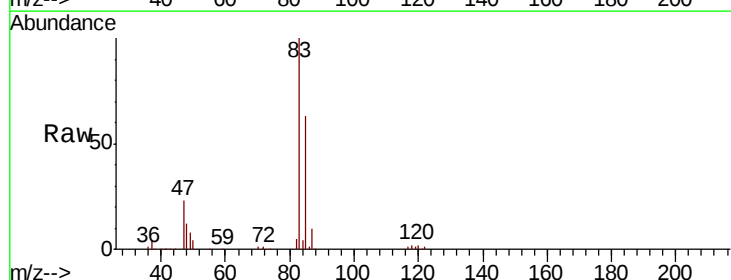
Delta R.T. 0.00 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Tgt Ion: 83 Resp: 168727

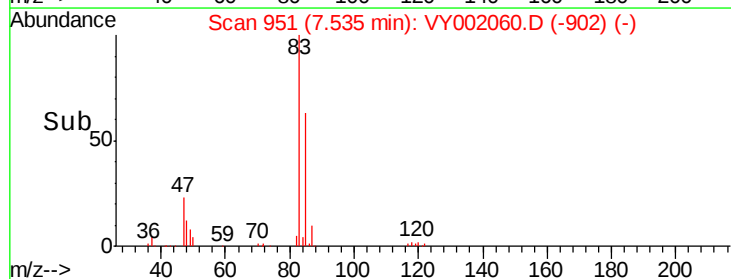
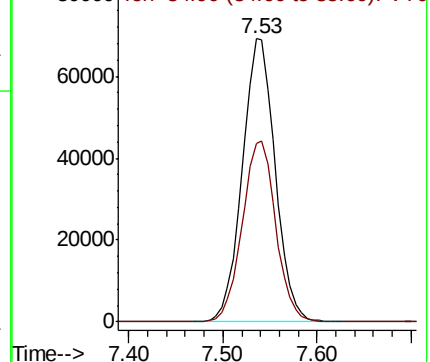
Ion	Ratio	Lower	Upper
83	100		
85	62.9	50.7	76.1

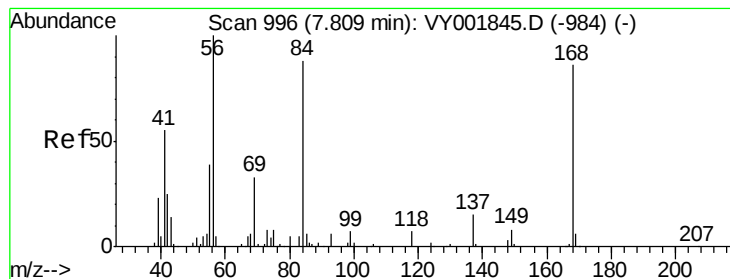


Abundance

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 47.852 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :

MSVOA_Y

ClientSampled :

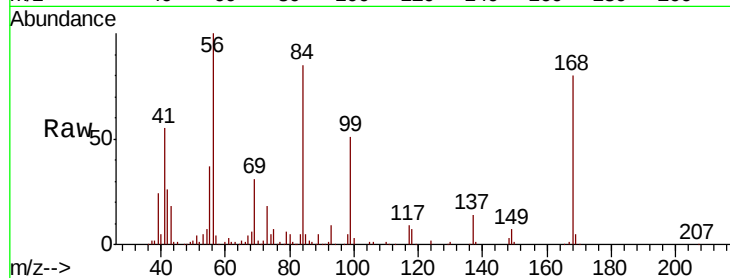
Tot Ion: 56 Resp: 172681

Ion Ratio Lower Upper

56 100

69 31.1 26.7 40.1

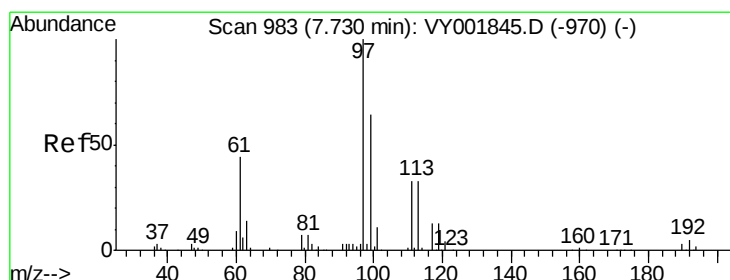
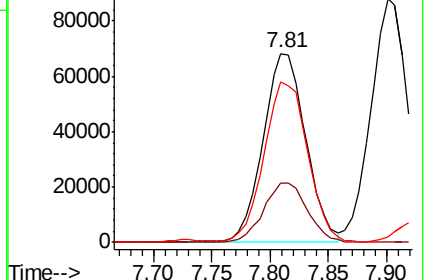
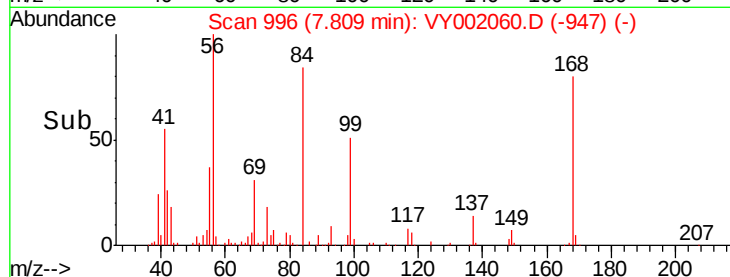
84 83.6 70.4 105.6



Abundance Ion 56.00 (55.70 to 56.70): VY002060.D (-947) (-)

Ion 69.00 (68.70 to 69.70): VY002060.D (-947) (-)

Ion 84.00 (83.70 to 84.70): VY002060.D (-947) (-)



#32

1,1,1-Trichloroethane

Concen: 54.725 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

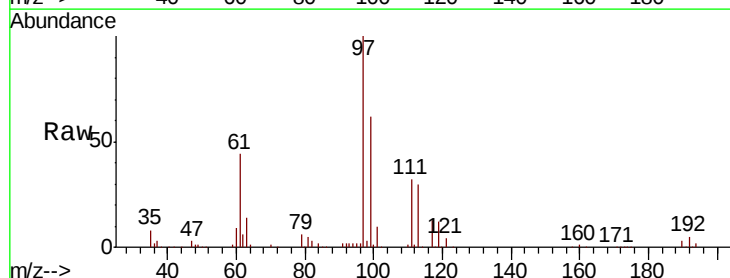
Tgt Ion: 97 Resp: 145848

Ion Ratio Lower Upper

97 100

99 63.4 52.0 78.0

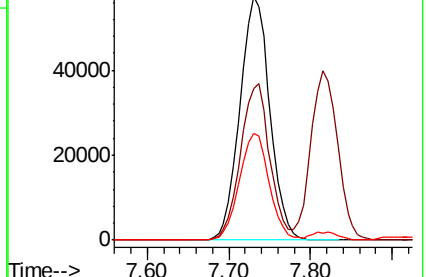
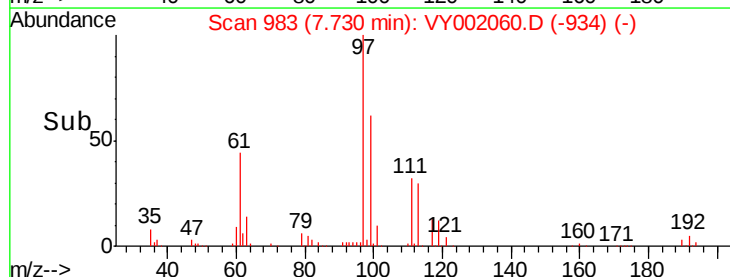
61 43.9 35.0 52.4

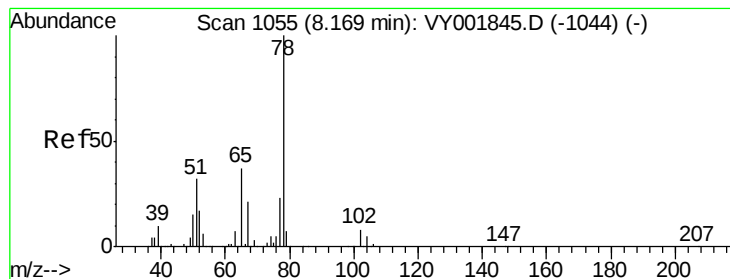


Abundance Ion 96.90 (96.60 to 97.60): VY002060.D (-934) (-)

Ion 98.90 (98.60 to 99.60): VY002060.D (-934) (-)

Ion 60.90 (60.60 to 61.60): VY002060.D (-934) (-)





#33

1,2-Dichloroethane-d4

Concen: 47.475 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :

MSVOA_Y

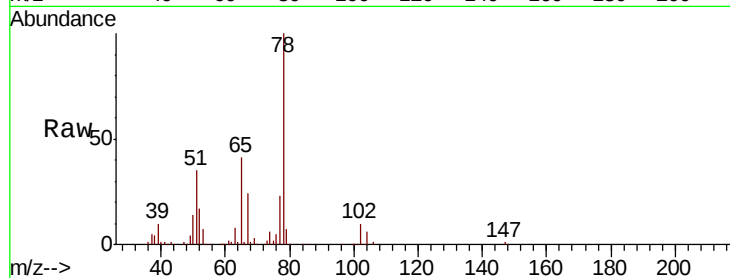
ClientSampleId :

Tot Ion: 65 Resp: 77962

Ion Ratio Lower Upper

65 100

67 56.7 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001845.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY001845.D (-1044) (-)

8.17

40000

30000

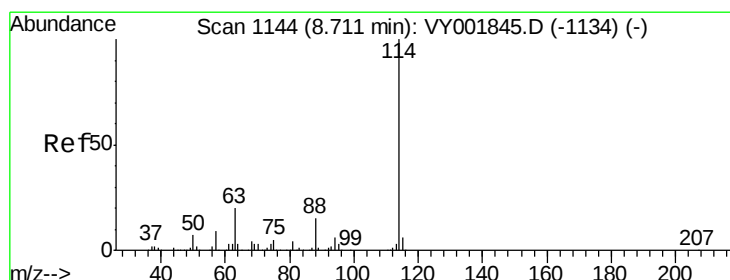
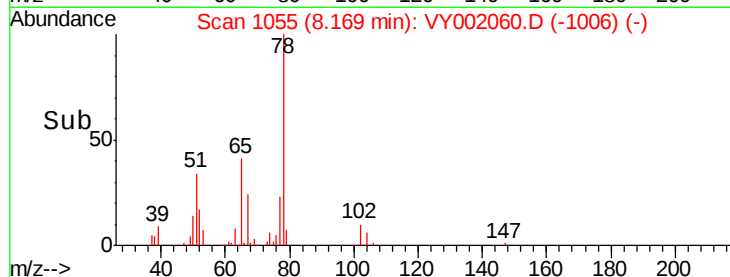
20000

10000

0

8.10 8.15 8.20 8.25

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

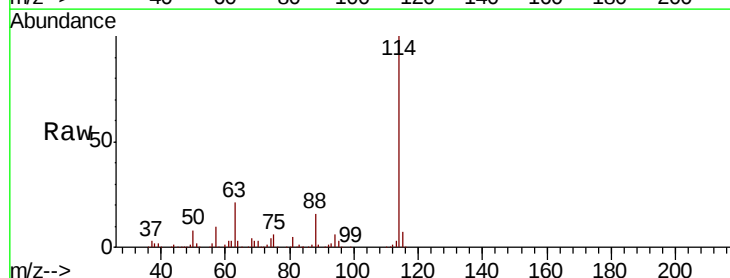
Tgt Ion: 114 Resp: 275038

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.4

88 16.2 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VY001845.D (-1134) (-)

Ion 63.00 (62.70 to 63.70): VY001845.D (-1134) (-)

Ion 87.90 (87.60 to 88.60): VY001845.D (-1134) (-)

8.71

150000

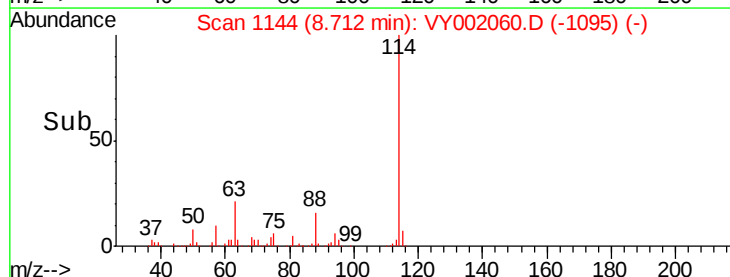
100000

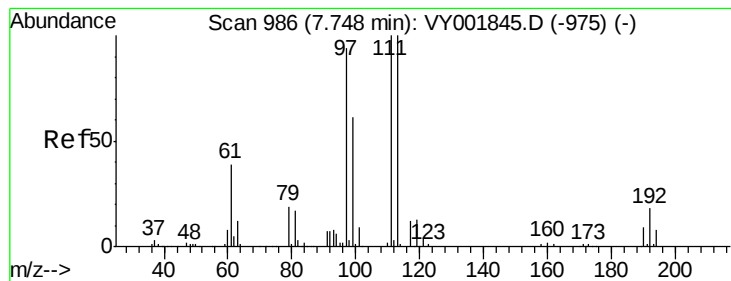
50000

0

8.60 8.65 8.70 8.75 8.80

Time-->





#35

Dibromofluoromethane

Concen: 51.813 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :

MSVOA_Y

ClientSampled :

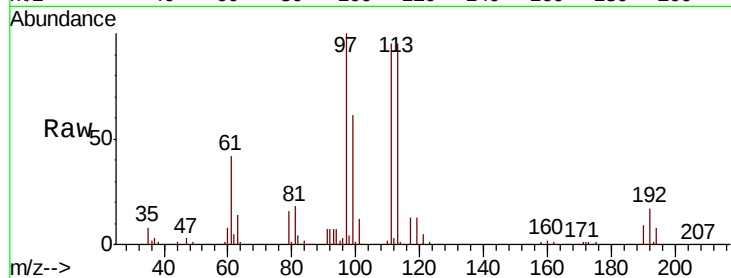
Tot Ion:113 Resp: 77814

Ion Ratio Lower Upper

113 100

111 101.7 81.8 122.8

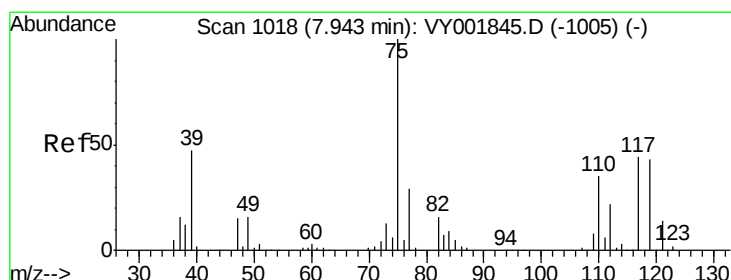
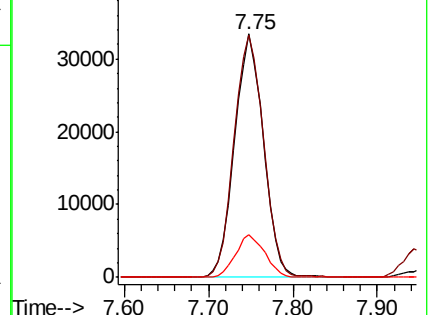
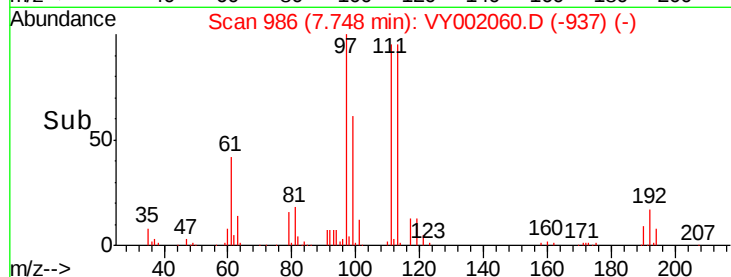
192 17.7 14.2 21.2



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: 52.558 ug/l

RT: 7.94 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

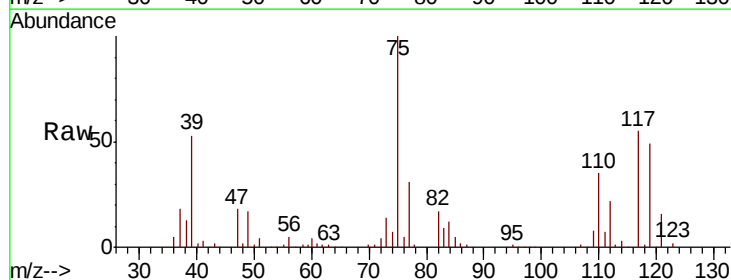
Tgt Ion: 75 Resp: 139105

Ion Ratio Lower Upper

75 100

110 34.5 17.4 52.2

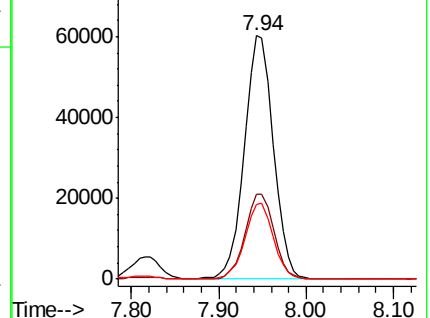
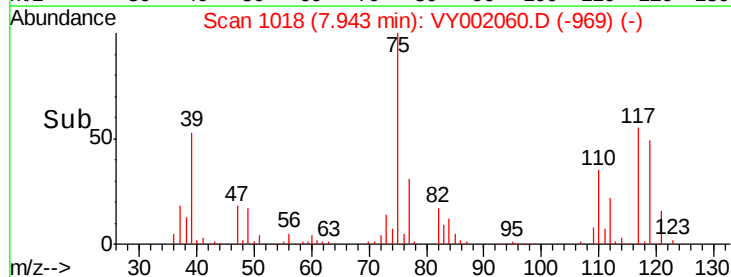
77 30.7 24.2 36.2

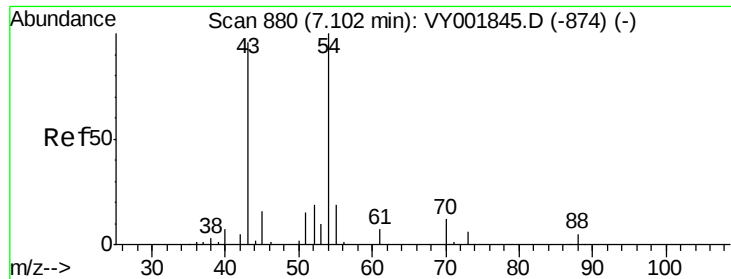


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

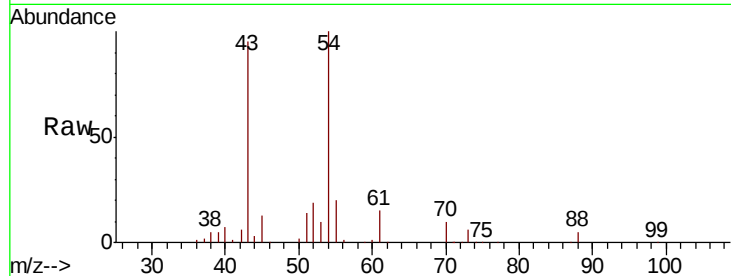




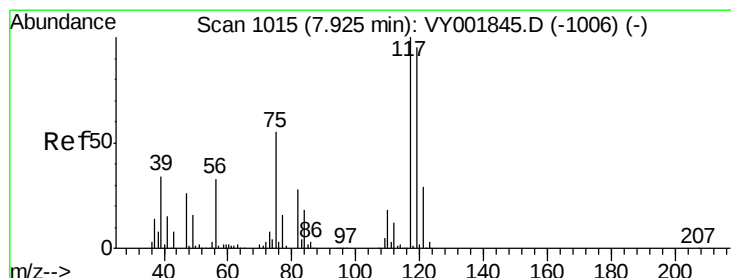
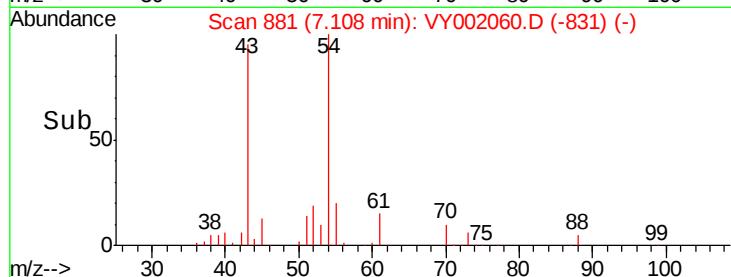
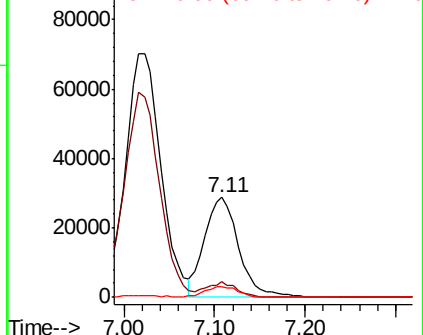
#37
Ethyl Acetate
Concen: 49.405 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 75998
Ion Ratio Lower Upper
43 100
61 13.8 11.1 16.7
70 10.5 8.2 12.4

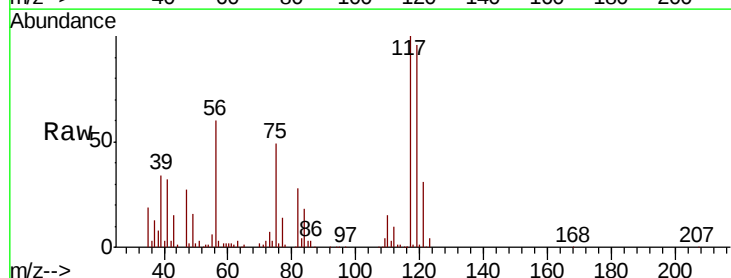


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

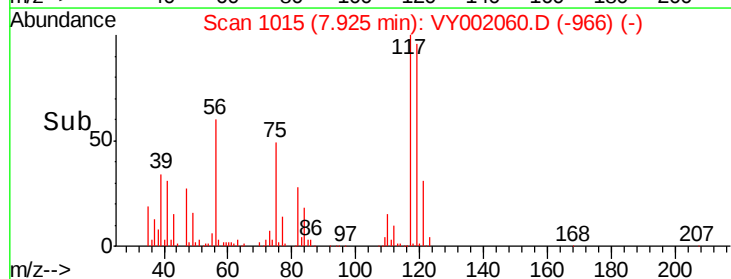
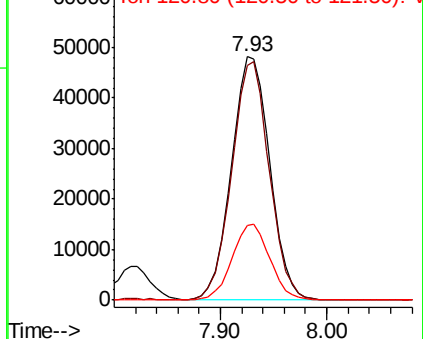


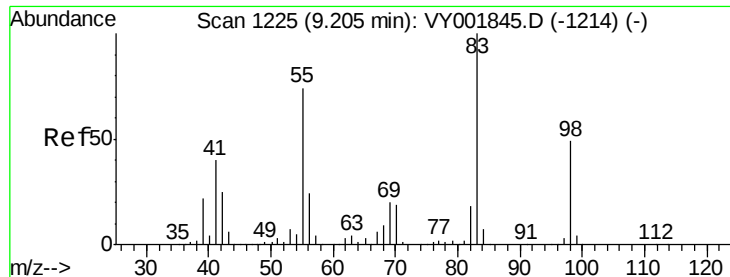
#38
Carbon Tetrachloride
Concen: 53.936 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion: 117 Resp: 121947
Ion Ratio Lower Upper
117 100
119 96.3 76.3 114.5
121 30.6 23.5 35.3



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

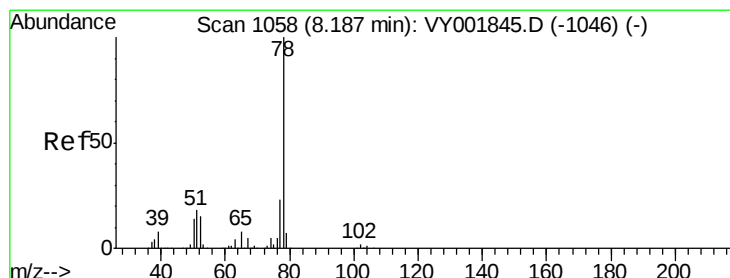
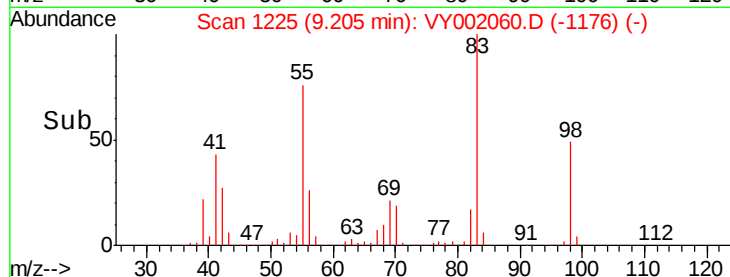
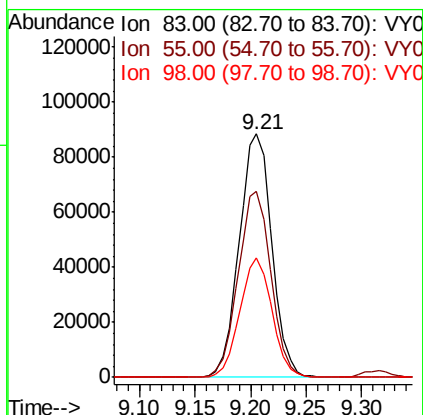
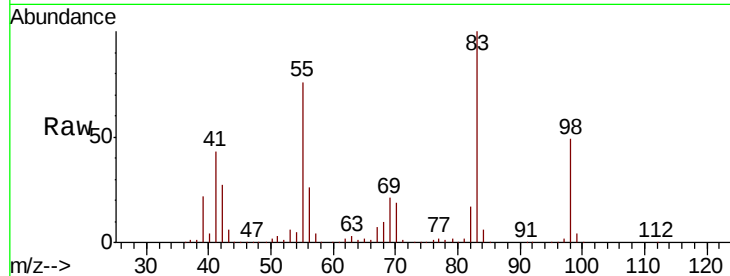




#39
Methvlcvclohexane
Concen: 51.169 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.00 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

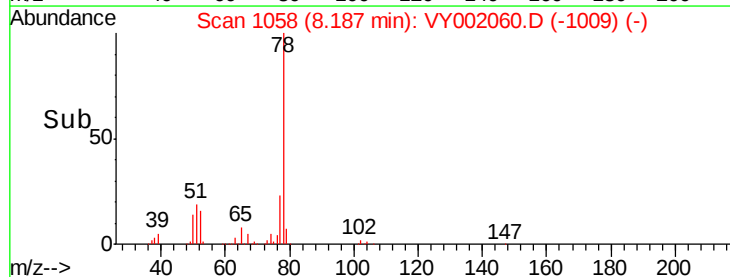
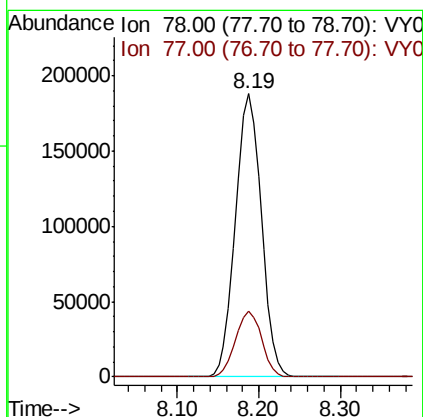
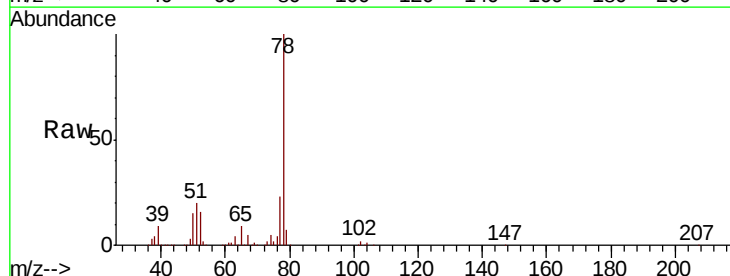
Instrument :
MSVOA_Y
ClientSampled :

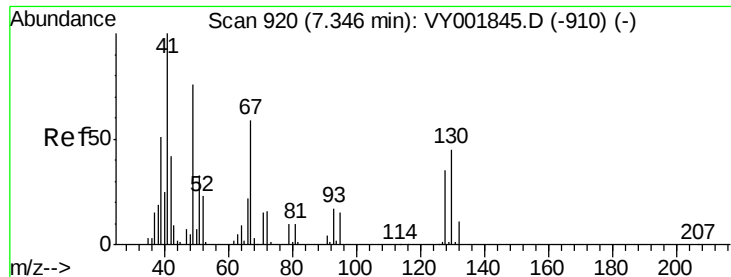
Tot Ion: 83 Resp: 179624
Ion Ratio Lower Upper
83 100
55 76.3 59.4 89.0
98 49.2 38.9 58.3



#40
Benzene
Concen: 52.618 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion: 78 Resp: 412781
Ion Ratio Lower Upper
78 100
77 23.3 18.7 28.1

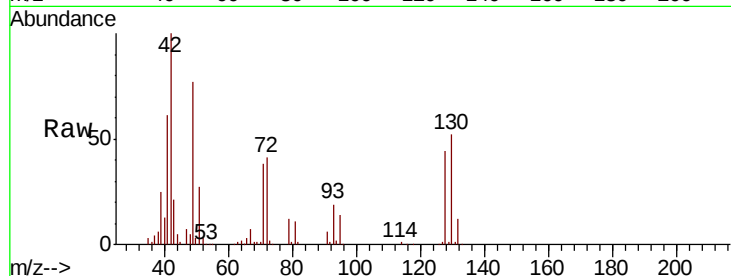




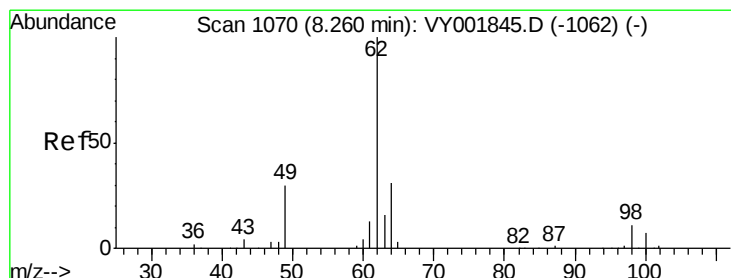
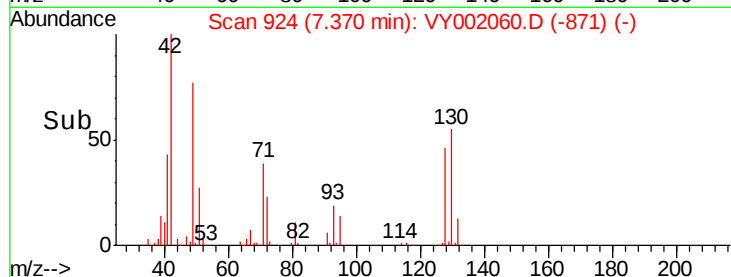
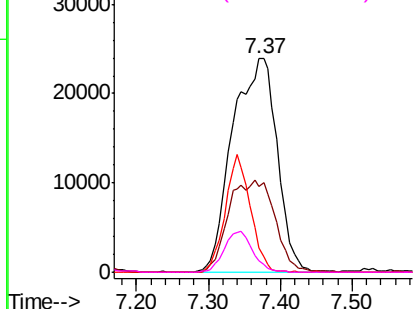
#41
Methacrylonitrile
Concen: 149.097 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.03 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 103217
Ion Ratio Lower Upper
41 100
39 44.6 111.7 167.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

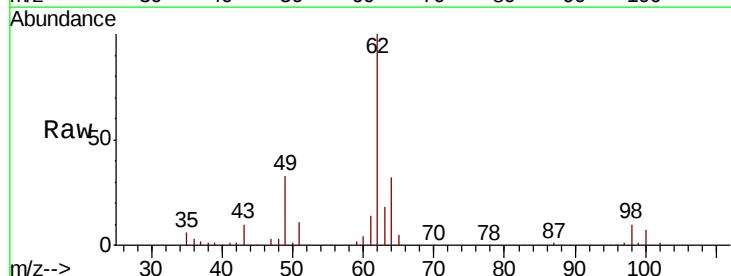


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

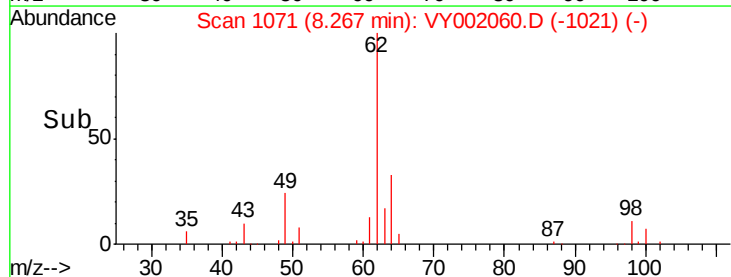
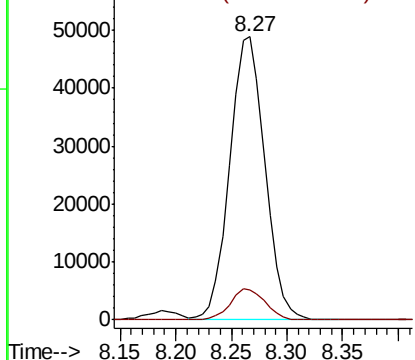


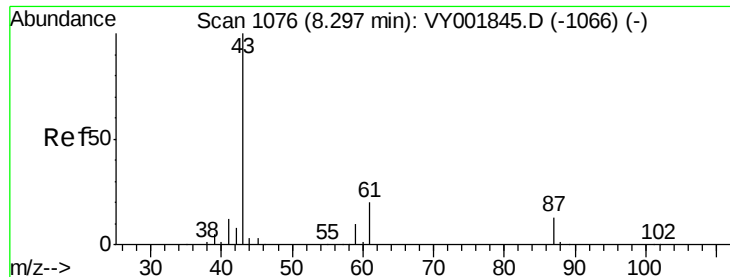
#42
1,2-Dichloroethane
Concen: 52.960 ug/l
RT: 8.27 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion: 62 Resp: 107057
Ion Ratio Lower Upper
62 100
98 10.8 0.0 21.4



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

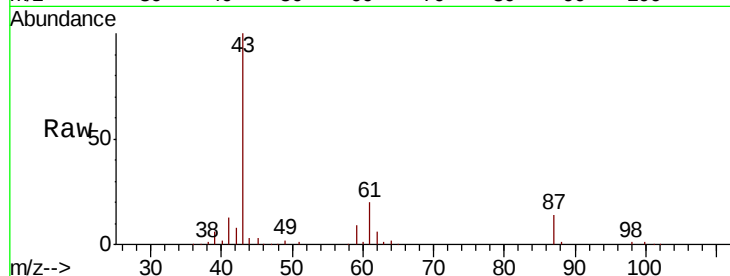




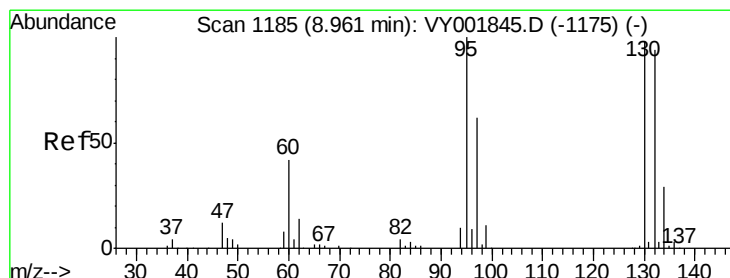
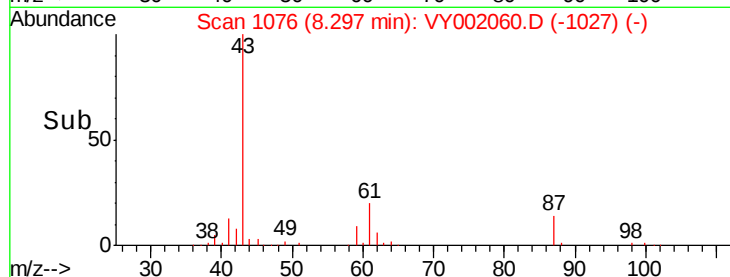
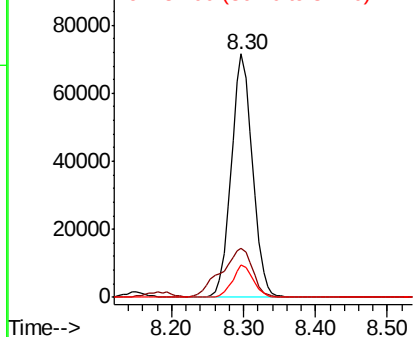
#43
Isopropyl Acetate
Concen: 50.447 ug/l
RT: 8.30 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 146921
Ion Ratio Lower Upper
43 100
61 29.3 23.8 35.6
87 12.9 10.9 16.3

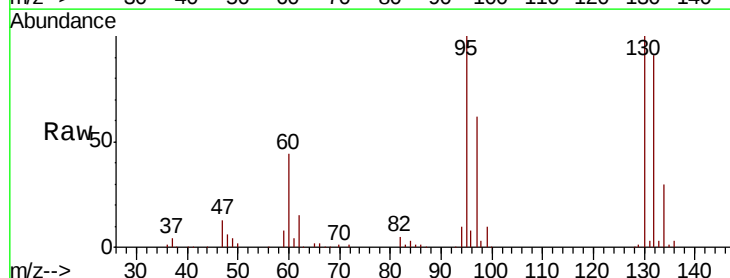


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

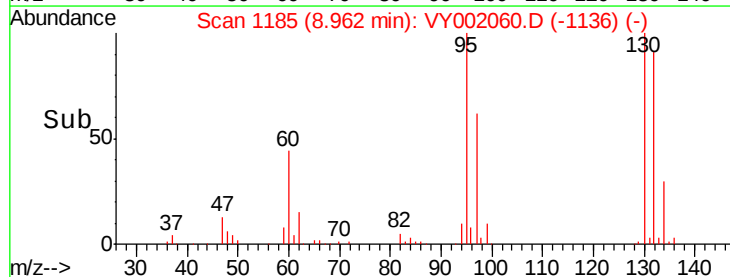
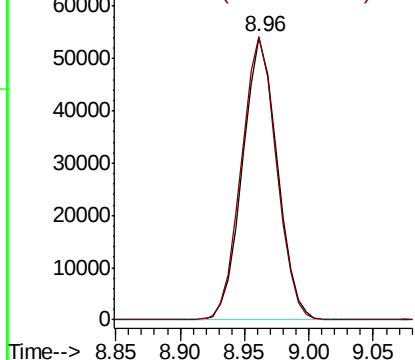


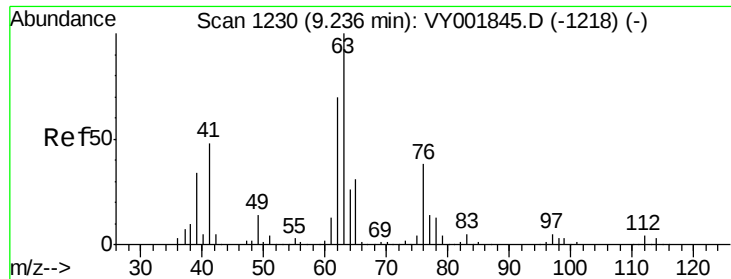
#44
Trichloroethene
Concen: 52.857 ug/l
RT: 8.96 min Scan# 1185
Delta R.T. 0.00 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion:130 Resp: 100986
Ion Ratio Lower Upper
130 100
95 100.1 0.0 204.6



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

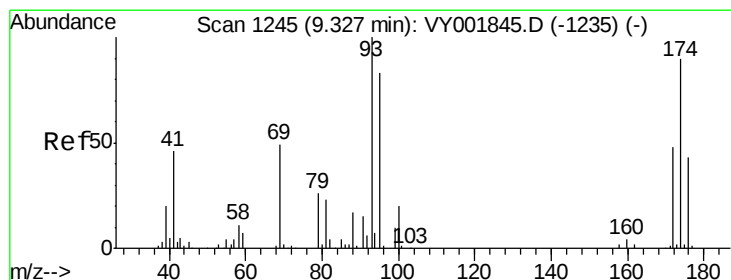
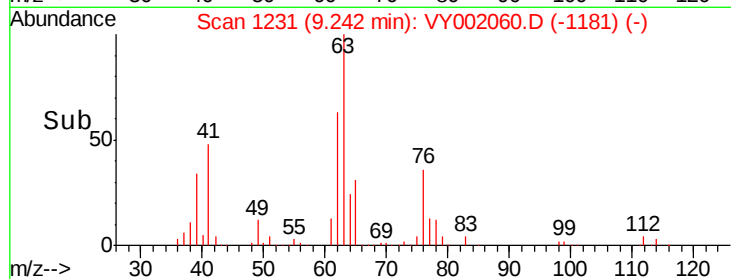
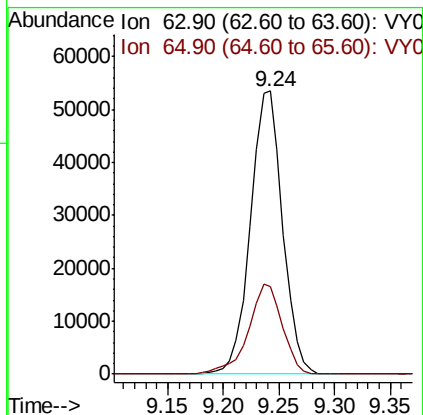
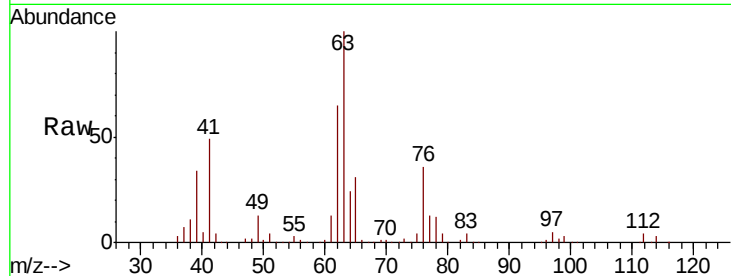




#45
 1,2-Dichloropropane
 Concen: 54.487 ug/l
 RT: 9.24 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: VY002060.D
 Acq: 25 Mar 2020 11:09

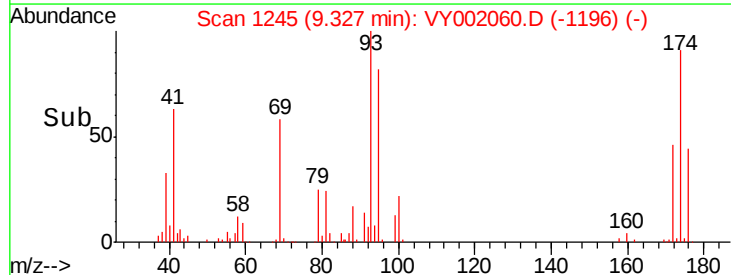
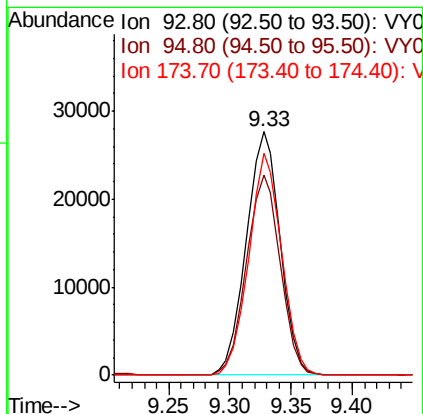
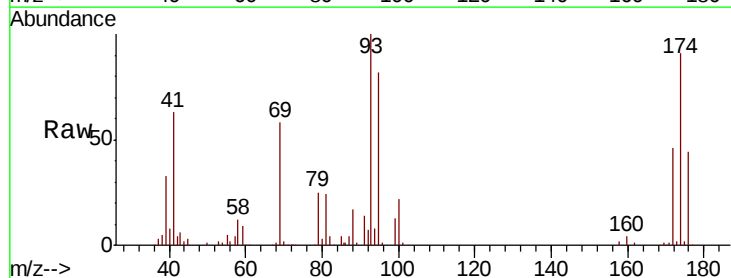
Instrument :
 MSVOA_Y
 ClientSampleId :

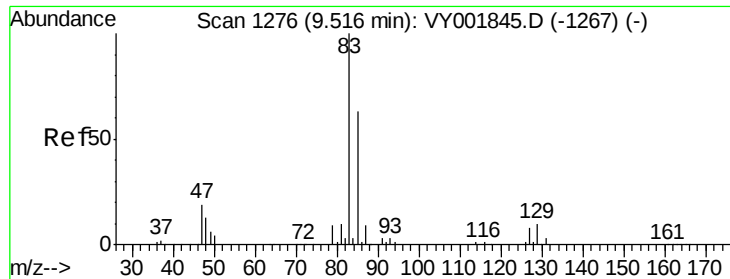
Tot Ion: 63 Resp: 107450
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.9 37.3



#46
 Dibromomethane
 Concen: 52.501 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: VY002060.D
 Acq: 25 Mar 2020 11:09

Tgt Ion: 93 Resp: 53354
 Ion Ratio Lower Upper
 93 100
 95 82.1 67.0 100.4
 174 88.3 71.8 107.8





#47

Bromodichloromethane

Concen: 55.380 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

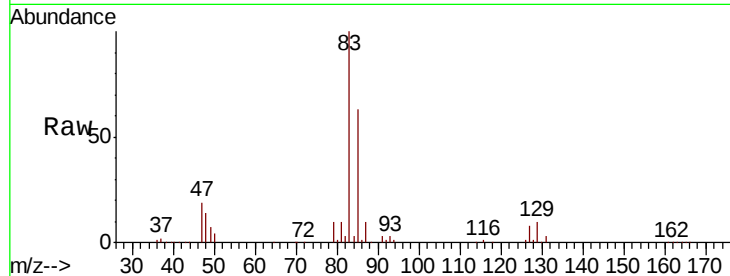
Tot Ion: 83 Resp: 130918

Ion Ratio Lower Upper

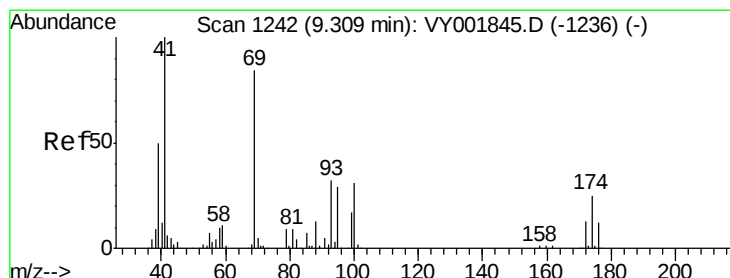
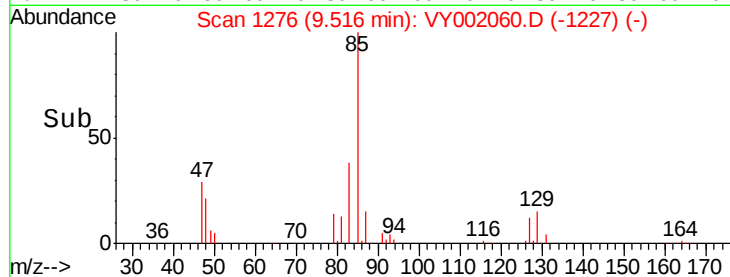
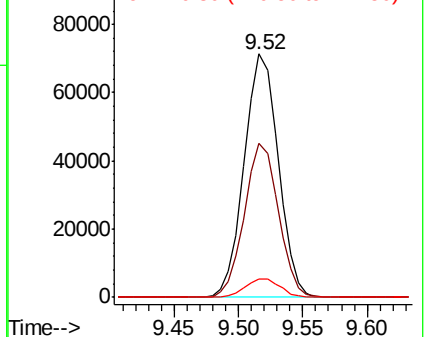
83 100

85 63.5 50.6 76.0

127 7.5 6.2 9.4



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: 50.195 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

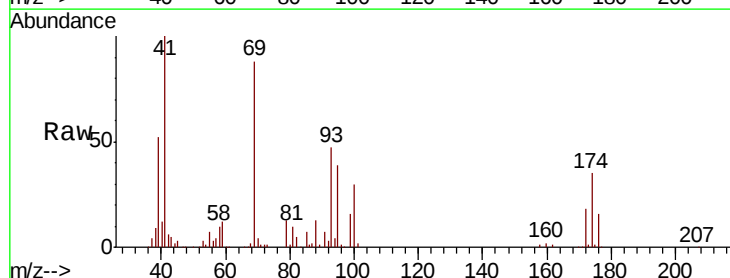
Tgt Ion: 41 Resp: 64867

Ion Ratio Lower Upper

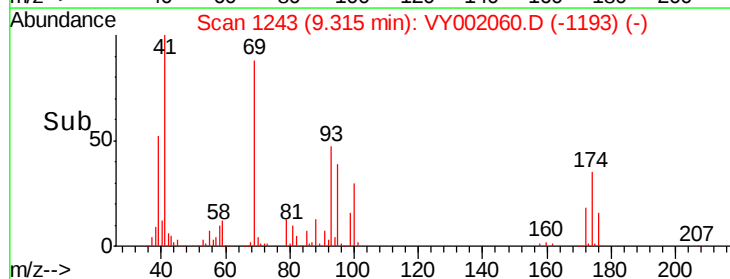
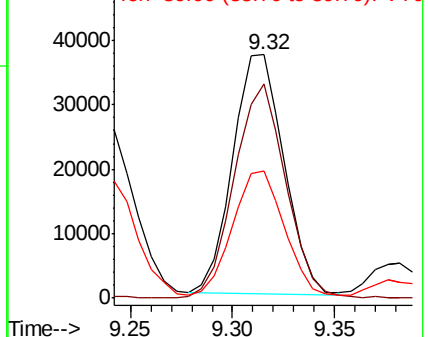
41 100

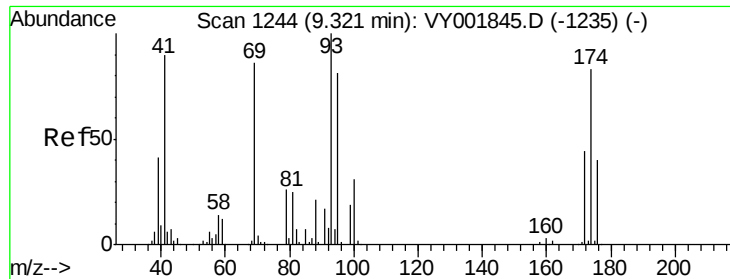
69 90.1 69.0 103.6

39 55.0 39.1 58.7



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

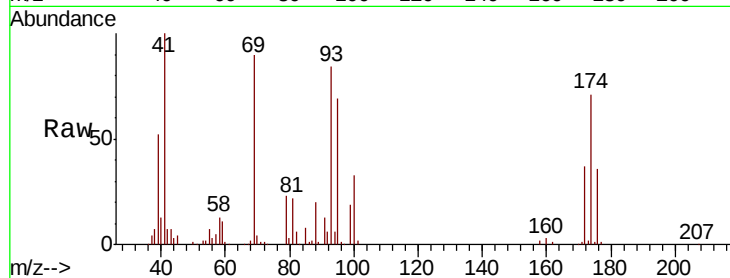




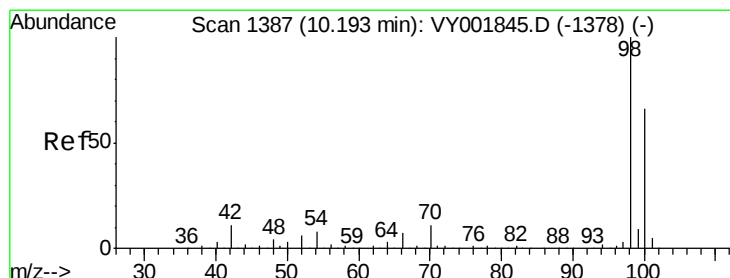
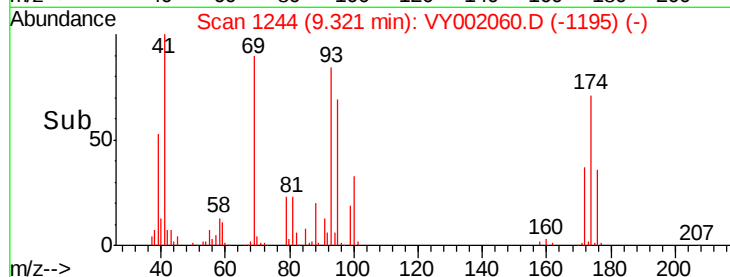
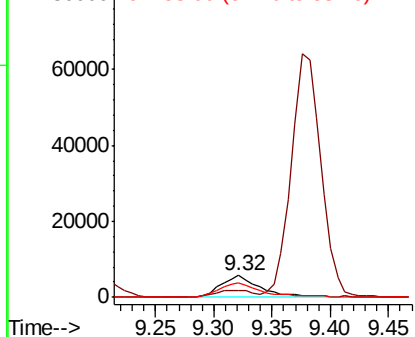
#49
1,4-Dioxane
Concen: 978.594 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.00 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 13627
Ion Ratio Lower Upper
88 100
43 29.8 25.0 37.6
58 73.9 58.9 88.3

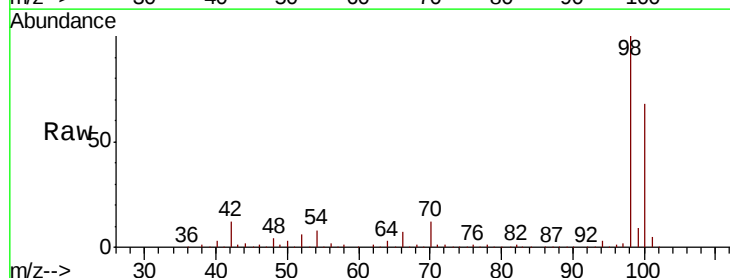


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

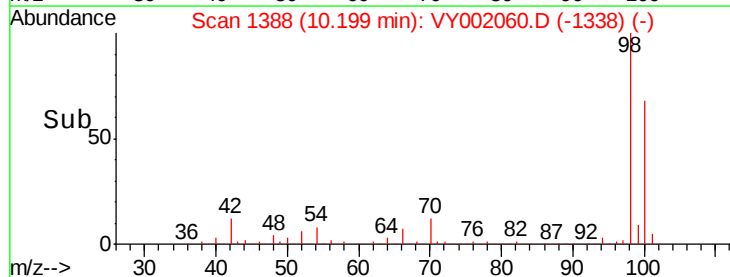
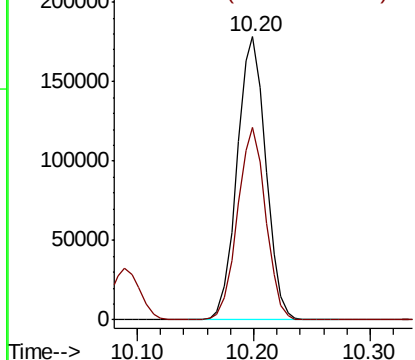


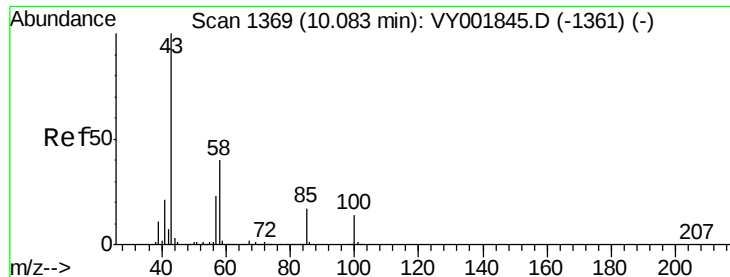
#50
Toluene-d8
Concen: 48.478 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion: 98 Resp: 307008
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4



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





#51

4-Methyl-2-Pentanone

Concen: 251.015 ug/l

RT: 10.09 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :

MSVOA_Y

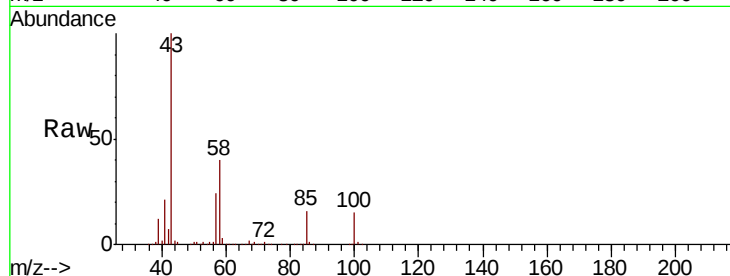
ClientSampled :

Tot Ion: 43 Resp: 376542

Ion Ratio Lower Upper

43 100

58 39.7 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-1361) (-)

Ion 58.00 (57.70 to 58.70): VY001845.D (-1361) (-)

10.09

250000

200000

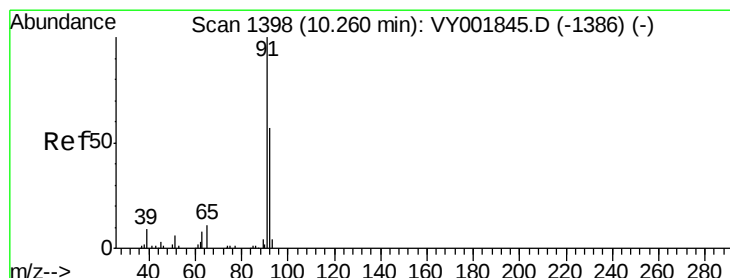
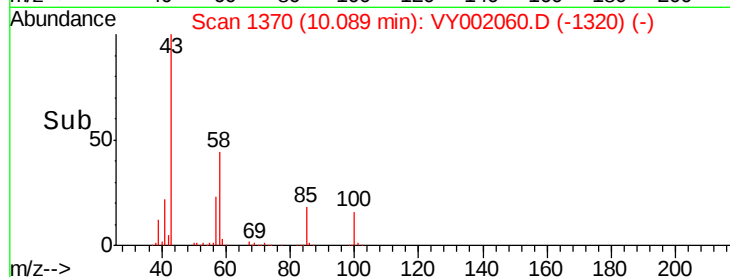
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 53.554 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.00 min

Lab File: VY002060.D

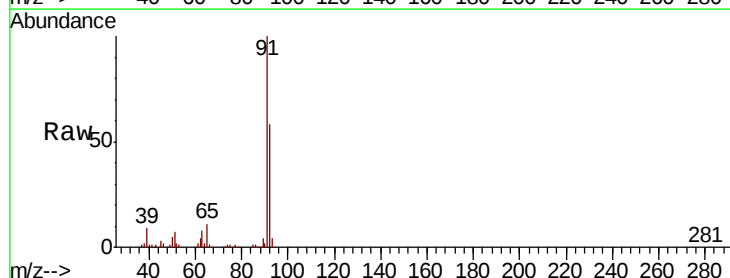
Acq: 25 Mar 2020 11:09

Tgt Ion: 92 Resp: 255214

Ion Ratio Lower Upper

92 100

91 172.9 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VY001845.D (-1386) (-)

Ion 91.00 (90.70 to 91.70): VY001845.D (-1386) (-)

300000

250000

200000

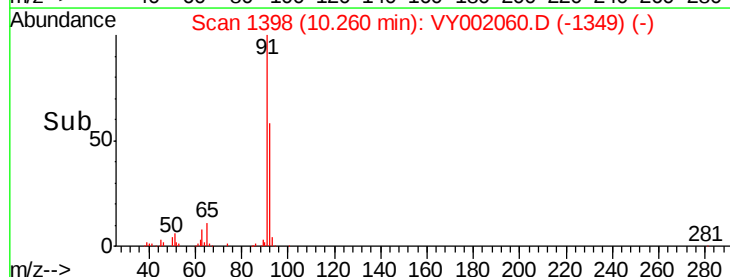
150000

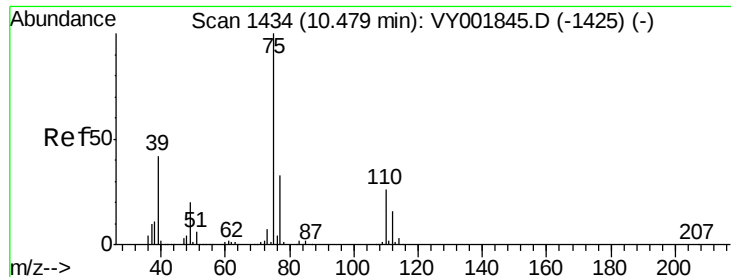
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 55.032 ug/l

RT: 10.49 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :

MSVOA_Y

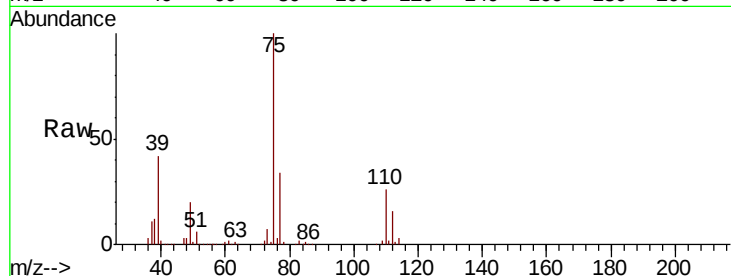
ClientSampleId :

Tot Ion: 75 Resp: 141737

Ion Ratio Lower Upper

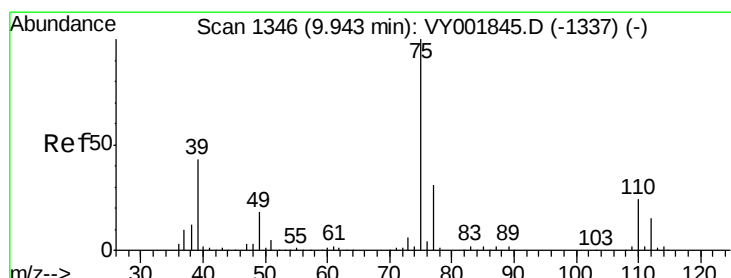
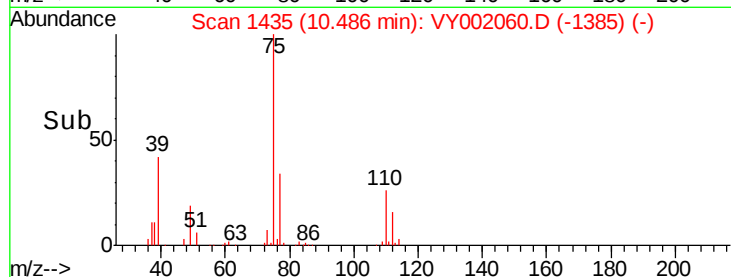
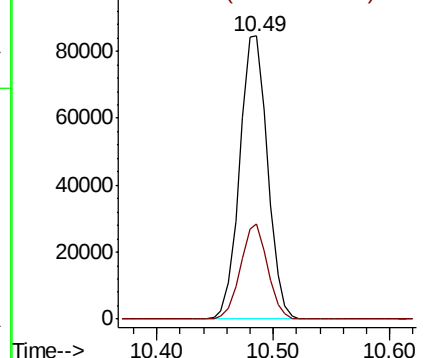
75 100

77 33.6 26.3 39.5



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: 54.740 ug/l

RT: 9.95 min Scan# 1347

Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

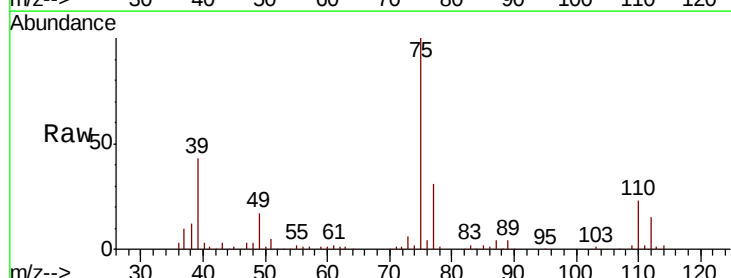
Tgt Ion: 75 Resp: 167834

Ion Ratio Lower Upper

75 100

77 31.2 25.1 37.7

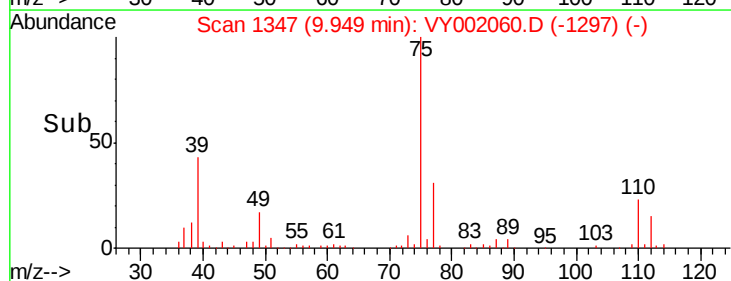
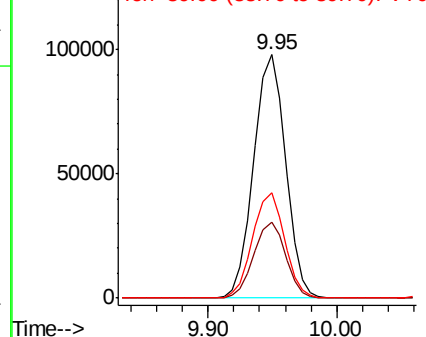
39 43.3 34.7 52.1

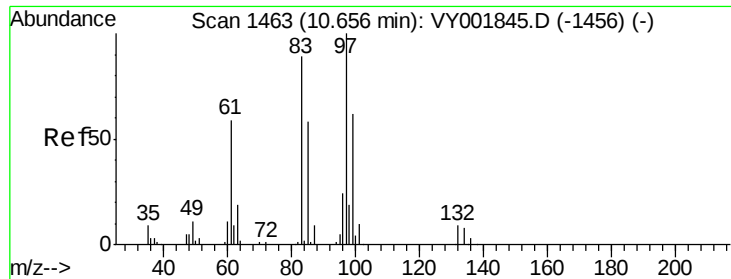


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

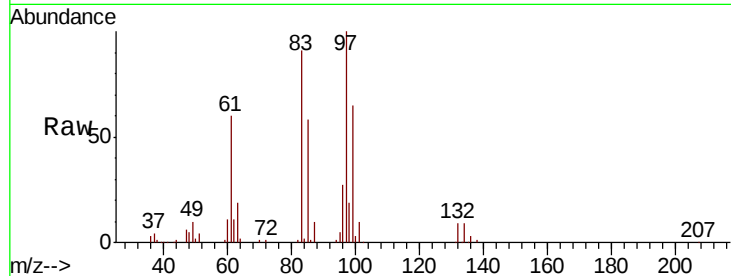




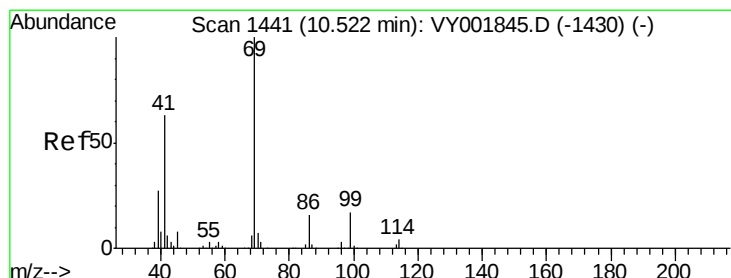
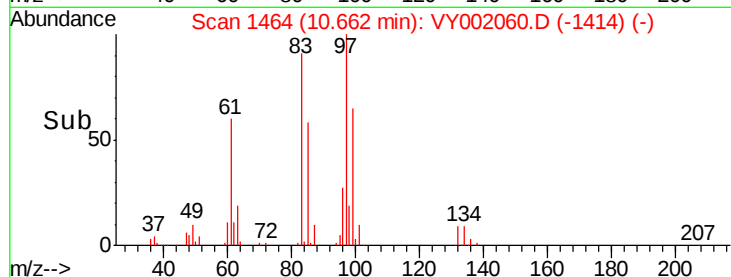
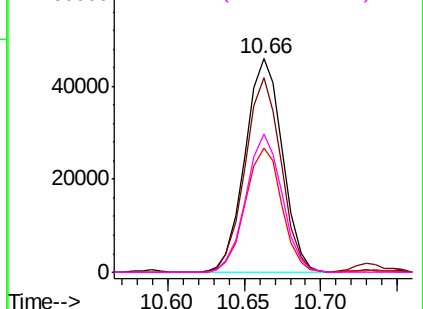
#55
 1,1,2-Trichloroethane
 Concen: 52.431 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY002060.D
 Acq: 25 Mar 2020 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 97 Resp: 77979
 Ion Ratio Lower Upper
 97 100
 83 91.3 71.6 107.4
 85 58.3 46.6 69.8
 99 65.0 49.8 74.6

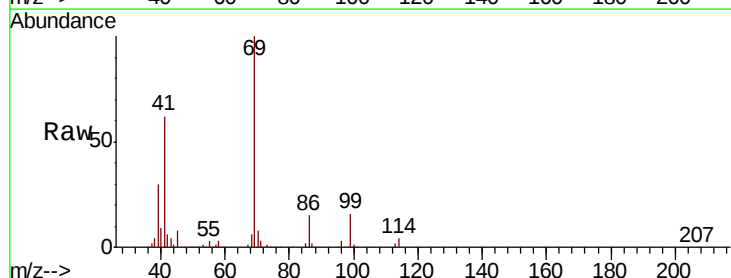


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

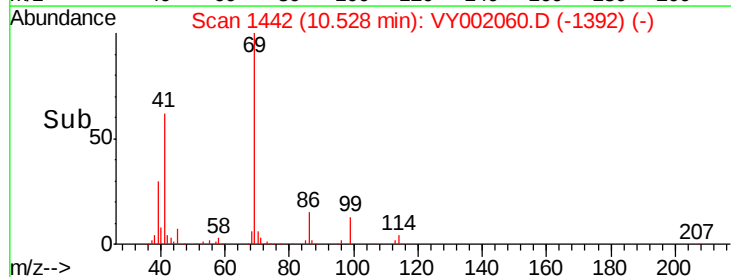
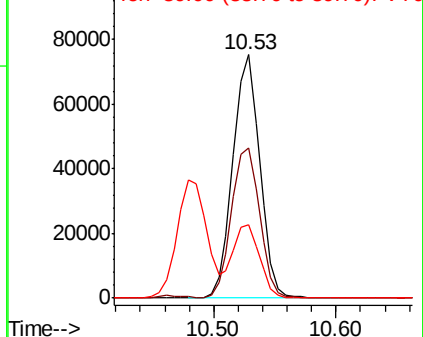


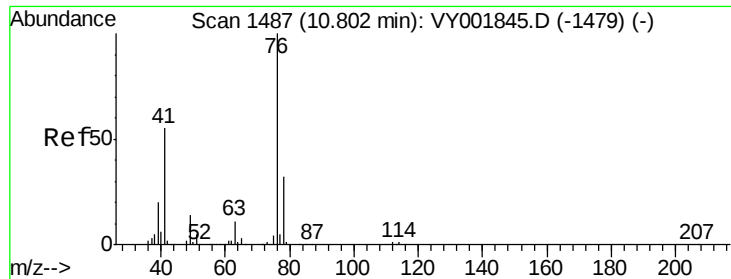
#56
 Ethyl methacrylate
 Concen: 52.566 ug/l
 RT: 10.53 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VY002060.D
 Acq: 25 Mar 2020 11:09

Tgt Ion: 69 Resp: 114591
 Ion Ratio Lower Upper
 69 100
 41 64.7 49.9 74.9
 39 30.7 23.0 34.6



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

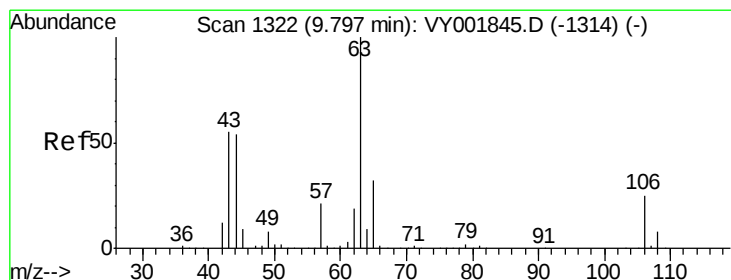
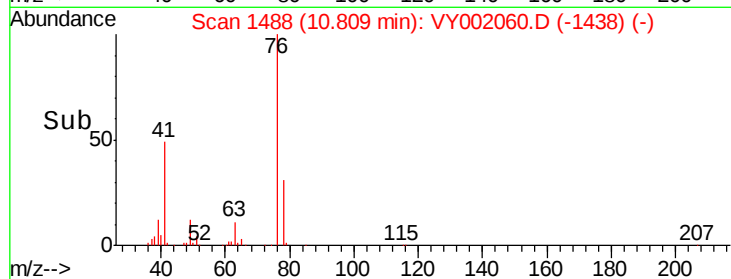
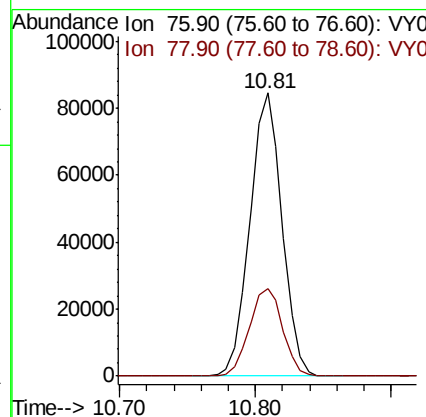
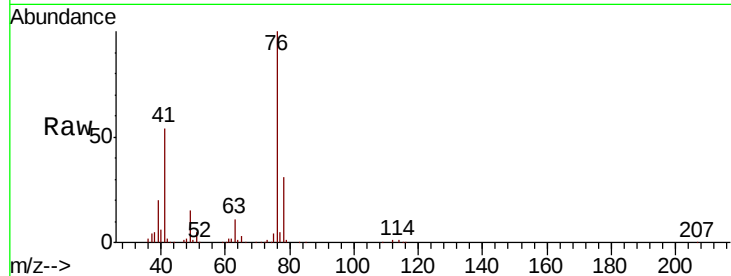




#57
 1,3-Dichloropropane
 Concen: 52.674 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY002060.D
 Acq: 25 Mar 2020 11:09

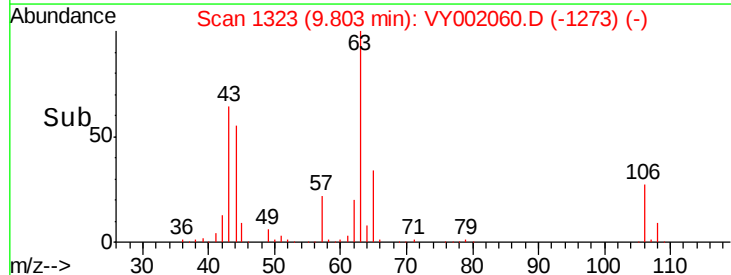
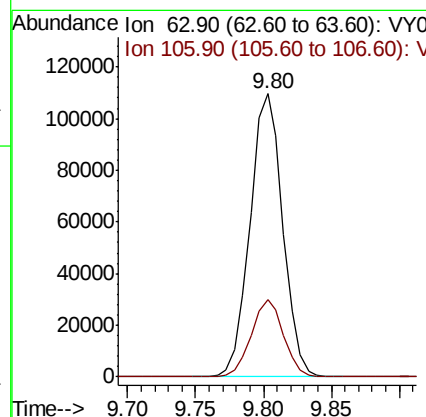
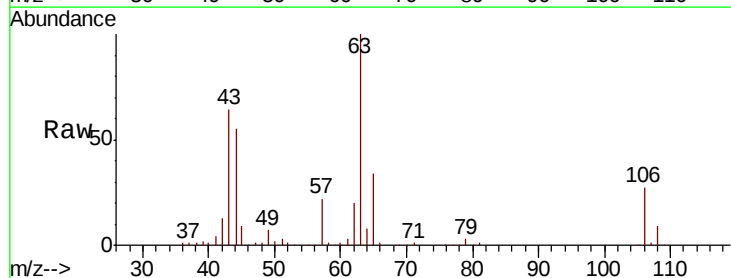
Instrument :
 MSVOA_Y
 ClientSampleId :

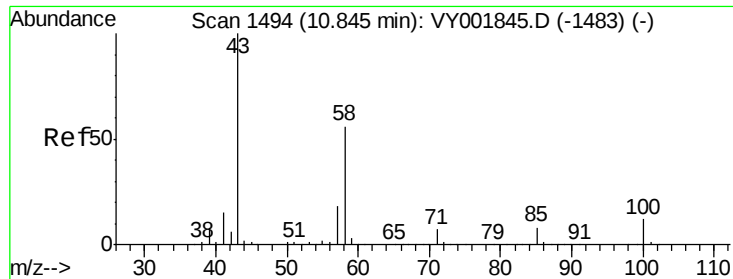
Tot Ion: 76 Resp: 139643
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 241.418 ug/l
 RT: 9.80 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VY002060.D
 Acq: 25 Mar 2020 11:09

Tgt Ion: 63 Resp: 184818
 Ion Ratio Lower Upper
 63 100
 106 26.9 21.3 31.9

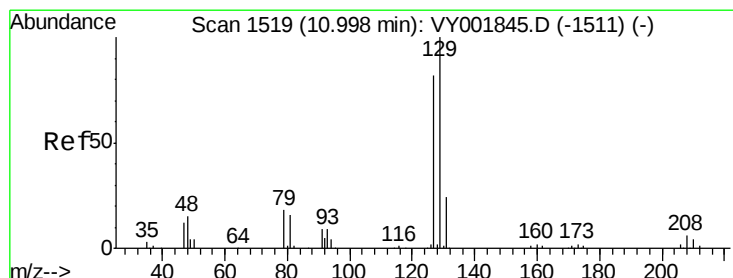
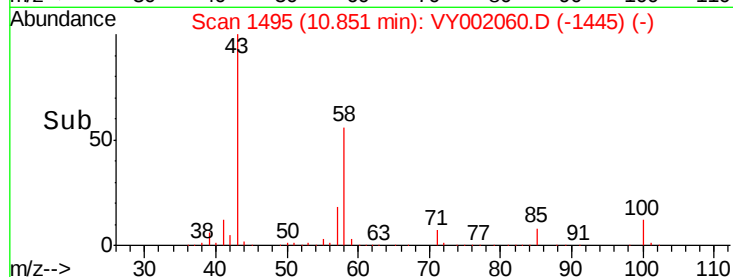
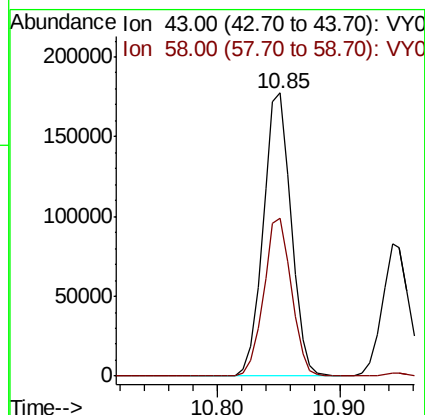
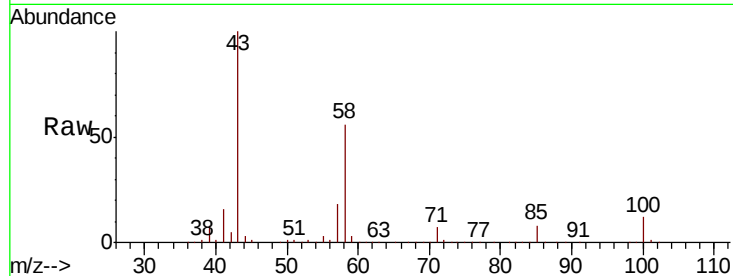




#59
2-Hexanone
Concen: 263.085 ug/l
RT: 10.85 min Scan# 1495
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

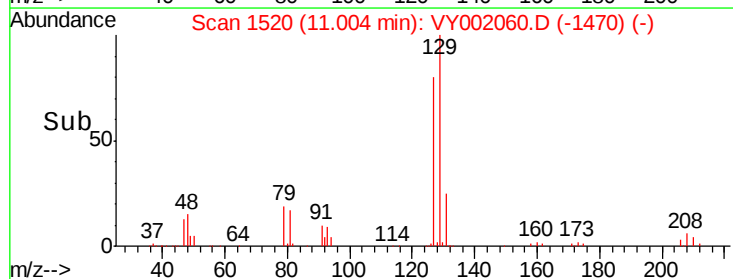
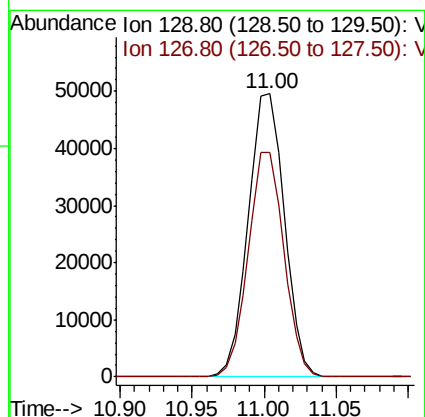
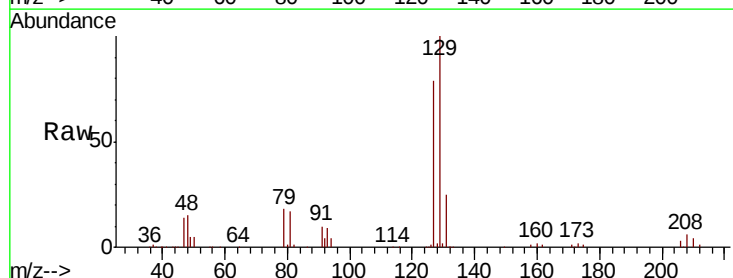
Instrument :
MSVOA_Y
ClientSampleId :

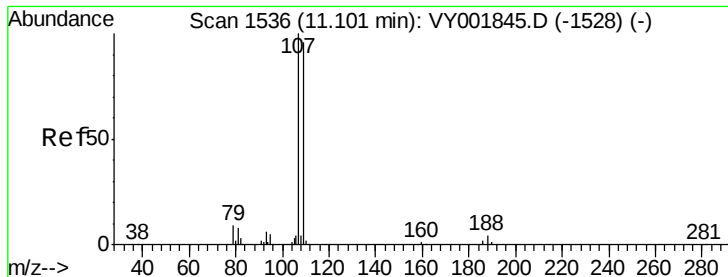
Tot Ion: 43 Resp: 281682
Ion Ratio Lower Upper
43 100
58 55.4 28.1 84.3



#60
Dibromochloromethane
Concen: 55.041 ug/l
RT: 11.00 min Scan# 1520
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion: 129 Resp: 86259
Ion Ratio Lower Upper
129 100
127 78.4 39.0 117.0

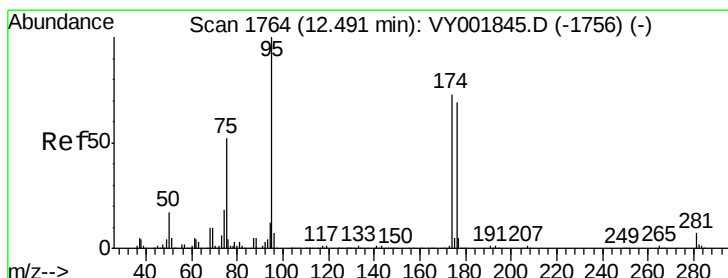
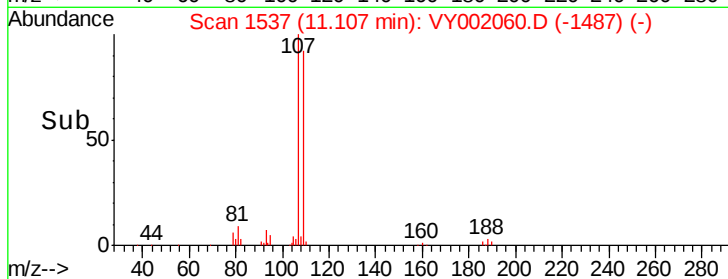
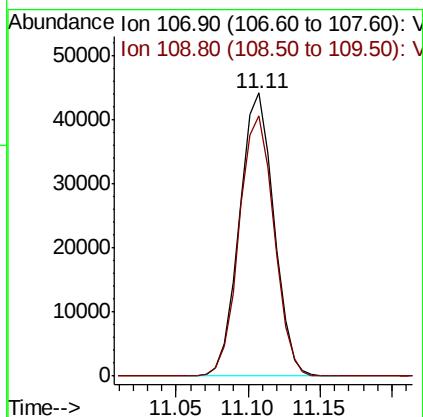
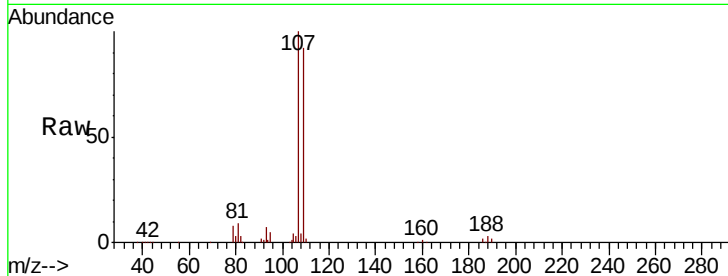




#61
 1,2-Dibromoethane
 Concen: 52.114 ug/l
 RT: 11.11 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: VY002060.D
 Acq: 25 Mar 2020 11:09

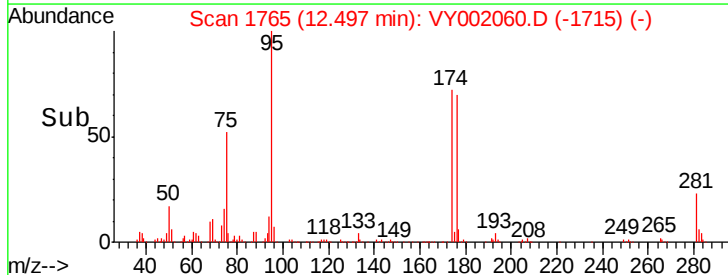
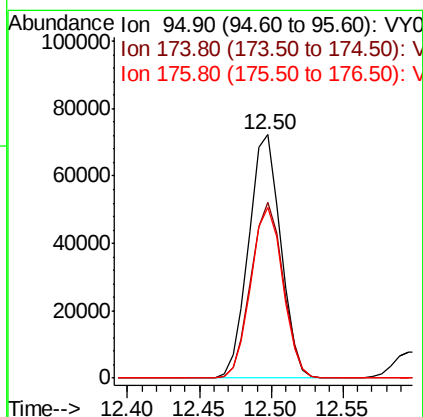
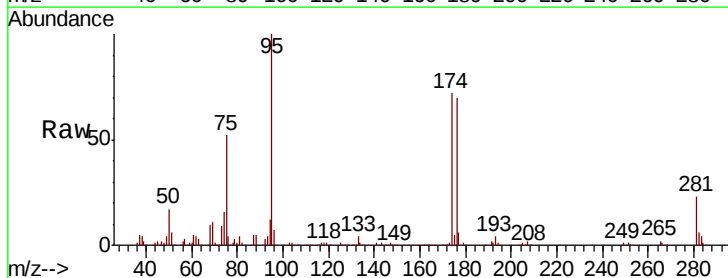
Instrument :
 MSVOA_Y
 ClientSampleId :

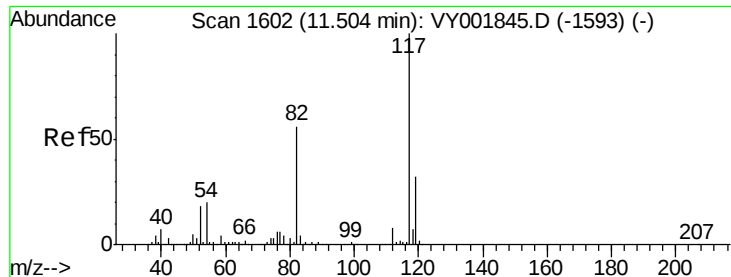
Tot Ion:107 Resp: 73419
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 50.468 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: VY002060.D
 Acq: 25 Mar 2020 11:09

Tgt Ion: 95 Resp: 111133
 Ion Ratio Lower Upper
 95 100
 174 72.6 0.0 145.0
 176 70.2 0.0 137.4

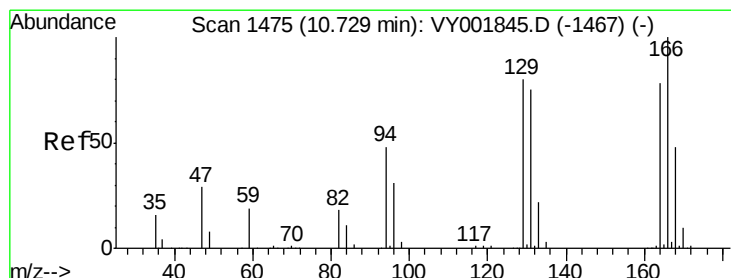
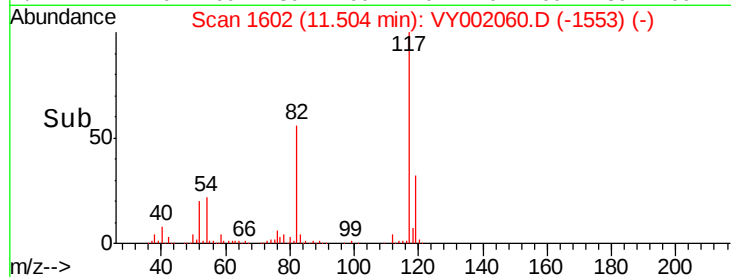
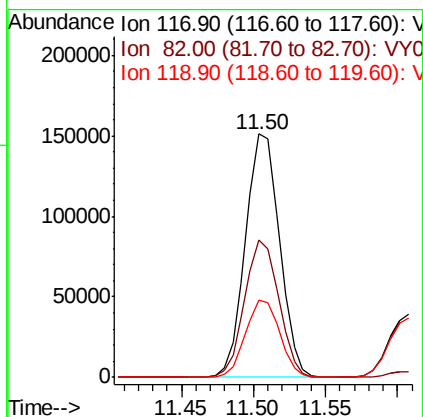
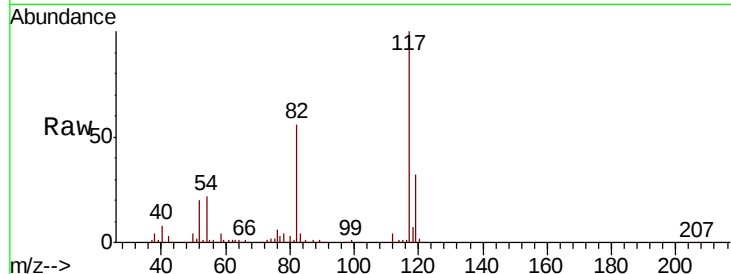




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

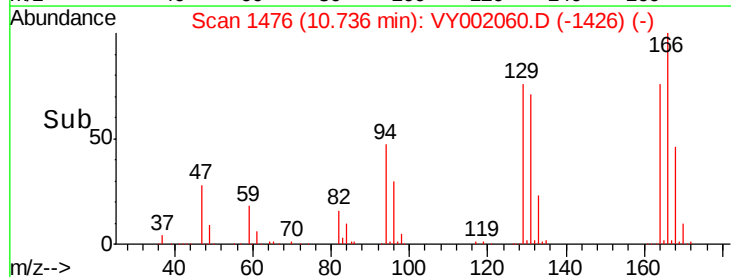
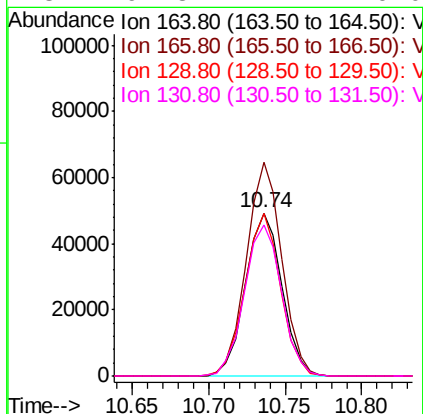
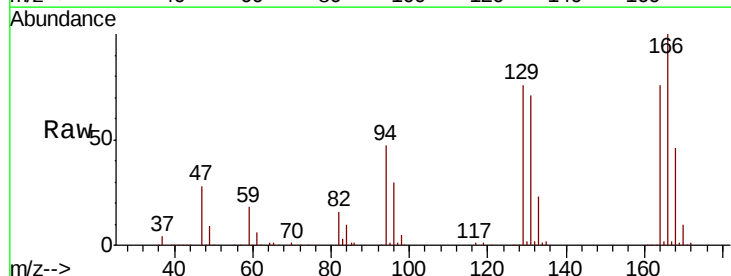
Instrument :
MSVOA_Y
ClientSampleId :

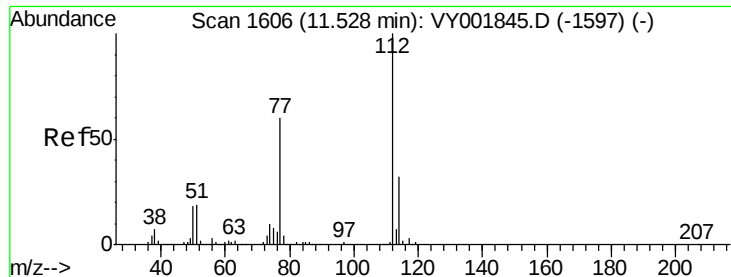
Tot Ion:117 Resp: 247919
Ion Ratio Lower Upper
117 100
82 56.5 44.5 66.7
119 31.5 25.7 38.5



#64
Tetrachloroethene
Concen: 52.428 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion:164 Resp: 81513
Ion Ratio Lower Upper
164 100
166 131.1 102.6 154.0
129 99.6 82.3 123.5
131 92.8 77.4 116.0

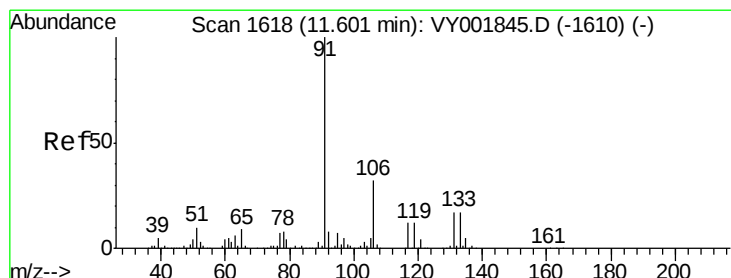
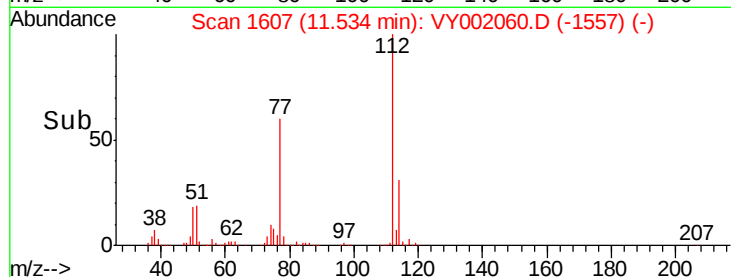
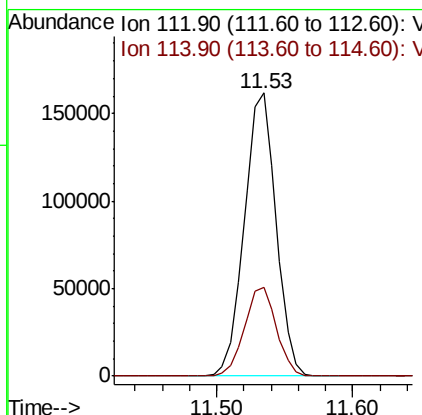
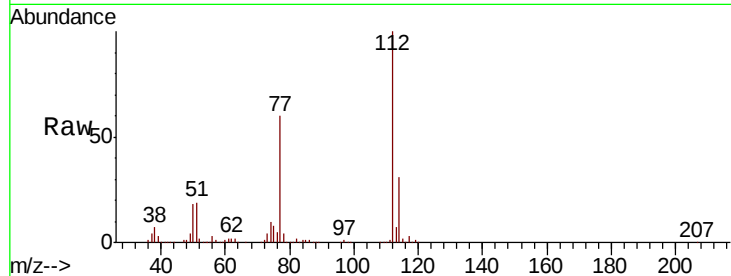




#65
Chlorobenzene
Concen: 53.368 ug/l
RT: 11.53 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

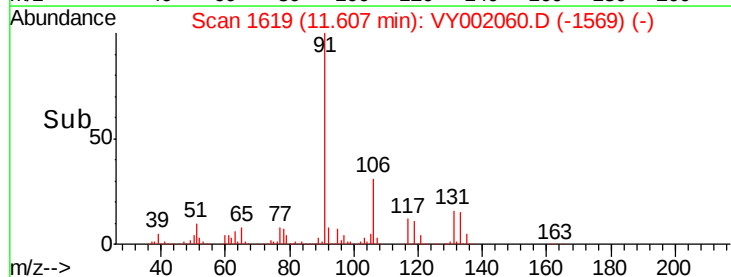
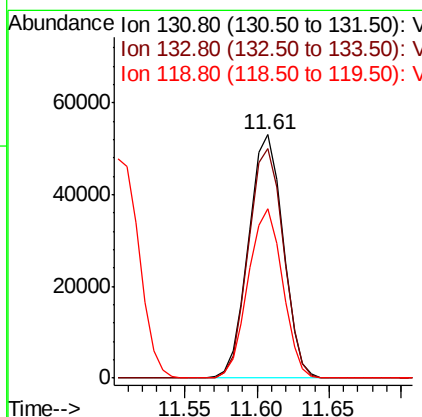
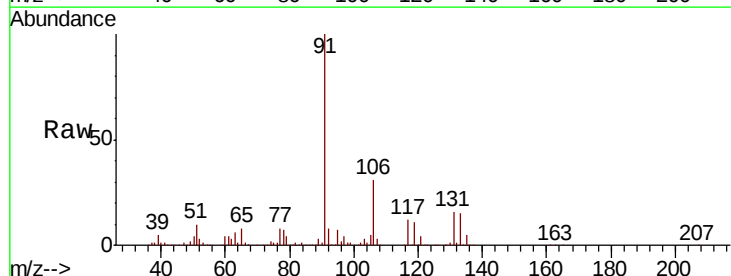
Instrument :
MSVOA_Y
ClientSampleId :

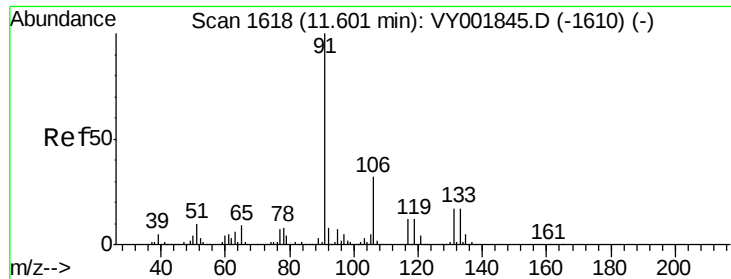
Tot Ion:112 Resp: 263633
Ion Ratio Lower Upper
112 100
114 31.4 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 54.510 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion:131 Resp: 88303
Ion Ratio Lower Upper
131 100
133 95.8 47.1 141.3
119 69.4 34.5 103.6

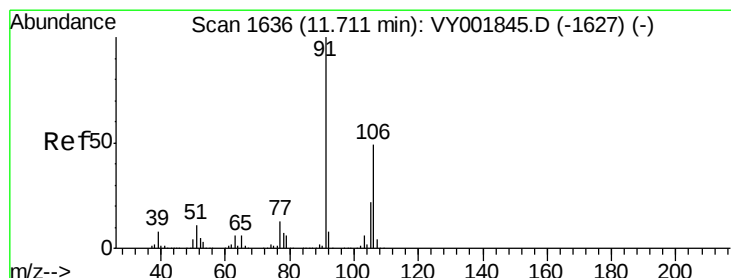
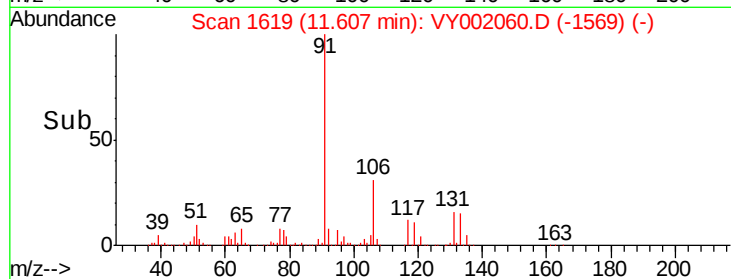
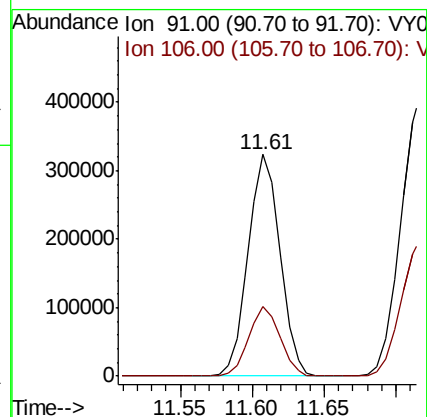
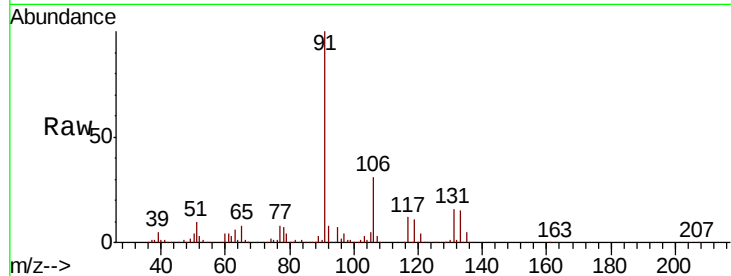




#67
Ethyl Benzene
Concen: 53.720 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

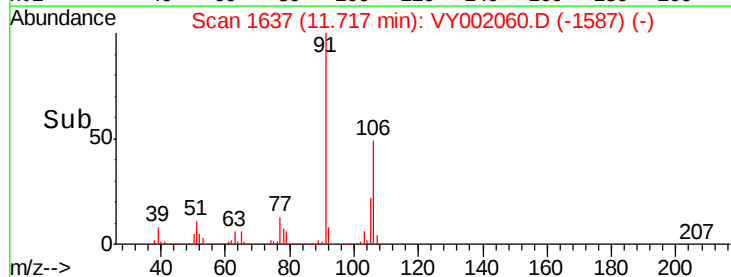
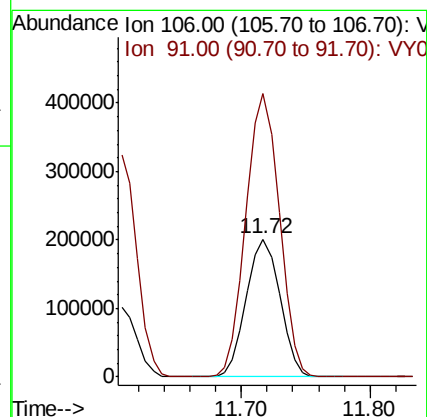
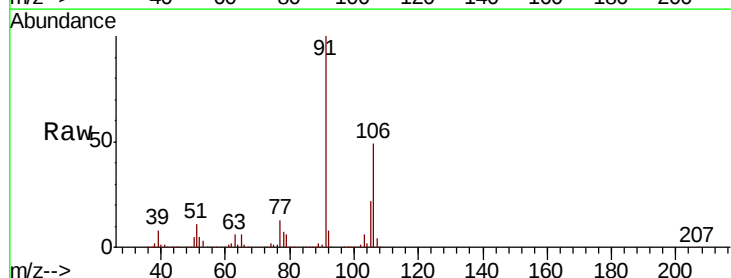
Instrument :
MSVOA_Y
ClientSampleId :

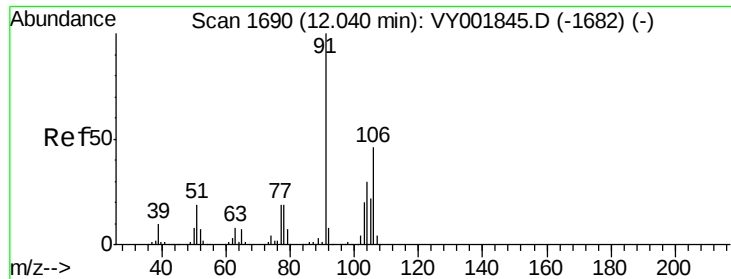
Tot Ion: 91 Resp: 494913
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.2



#68
m/p-Xylenes
Concen: 107.828 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion: 106 Resp: 367273
Ion Ratio Lower Upper
106 100
91 203.1 161.3 241.9

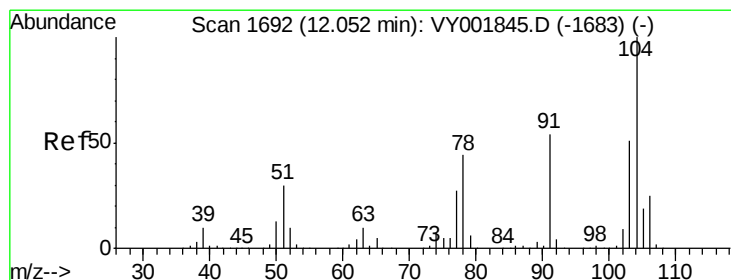
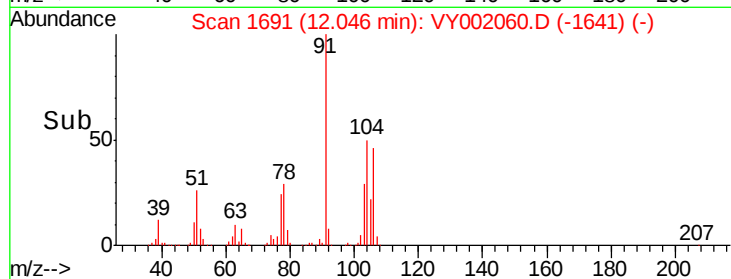
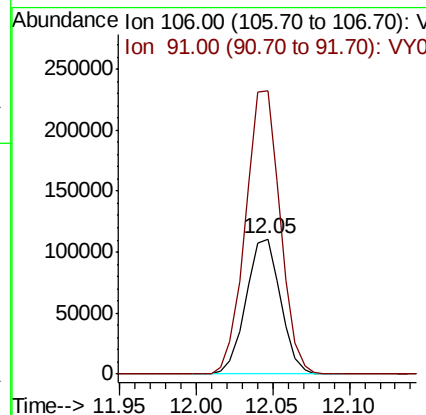
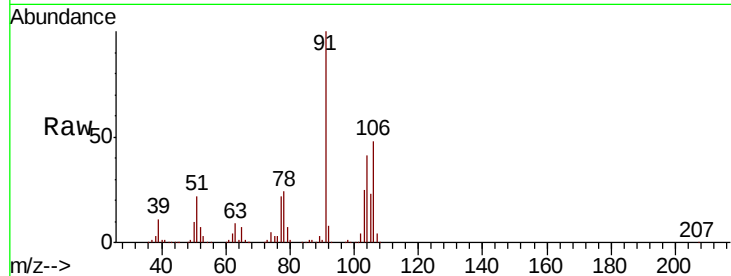




#69
o-Xylene
Concen: 54.090 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

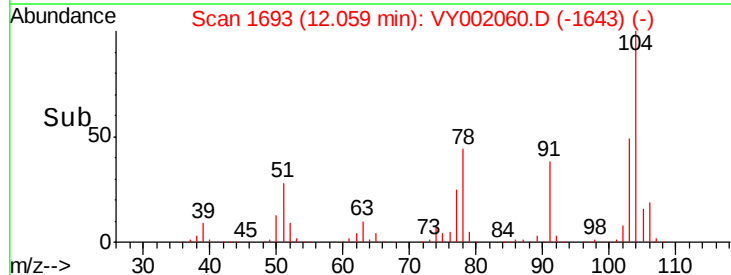
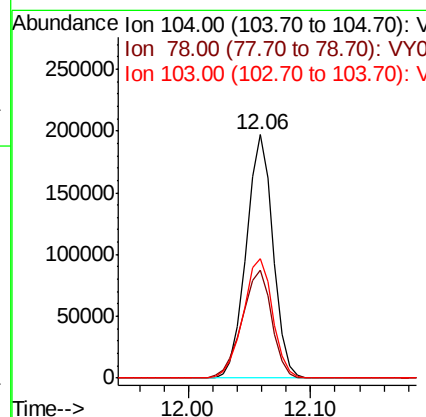
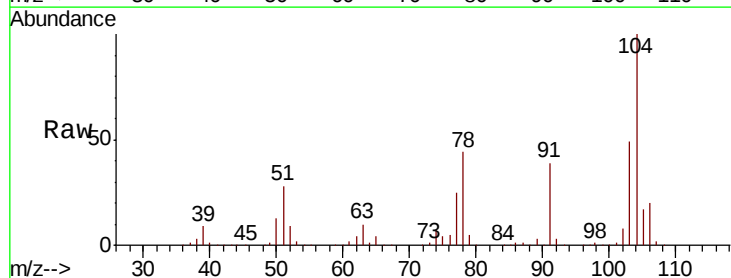
Instrument :
MSVOA_Y
ClientSampled :

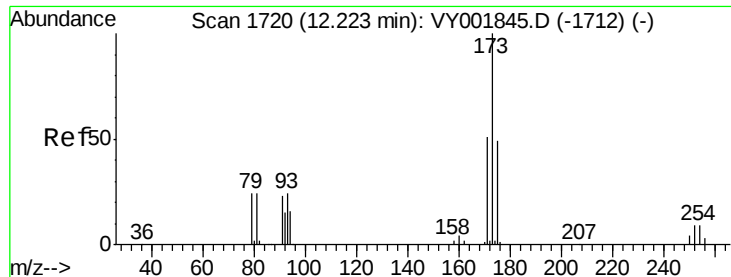
Tot Ion:106 Resp: 173647
Ion Ratio Lower Upper
106 100
91 210.8 106.8 320.4



#70
Styrene
Concen: 54.409 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion:104 Resp: 299161
Ion Ratio Lower Upper
104 100
78 48.8 38.5 57.7
103 54.0 42.9 64.3

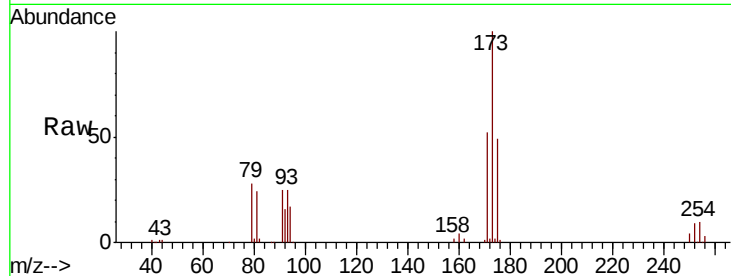




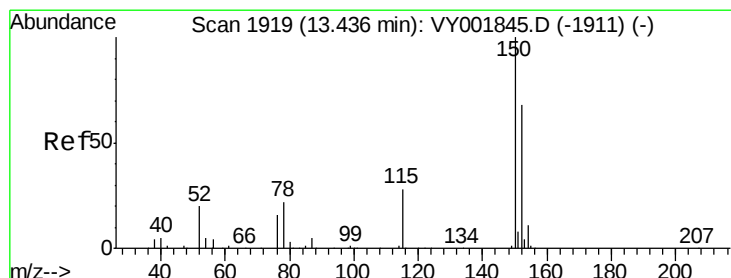
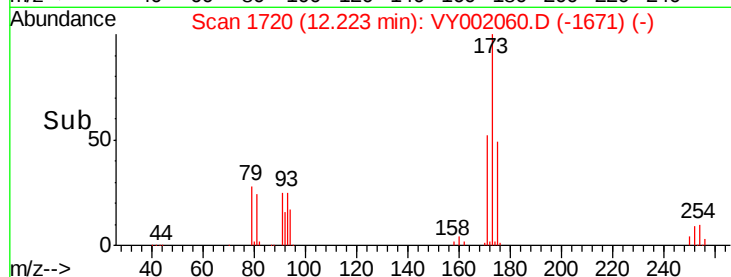
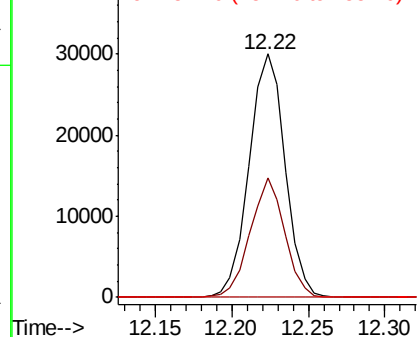
#71
Bromoform
Concen: 55.627 ug/l
RT: 12.22 min Scan# 1720
Delta R.T. 0.00 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:173 Resp: 48870
Ion Ratio Lower Upper
173 100
175 47.0 24.3 72.8
254 0.1 0.0 0.0#

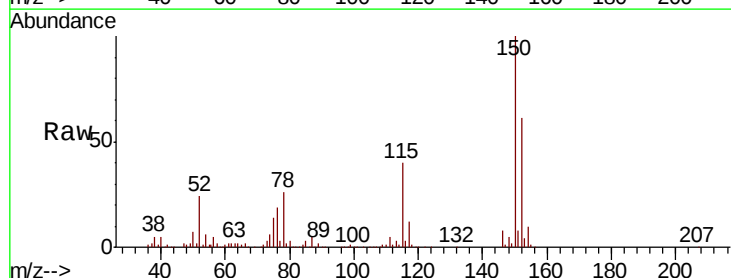


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

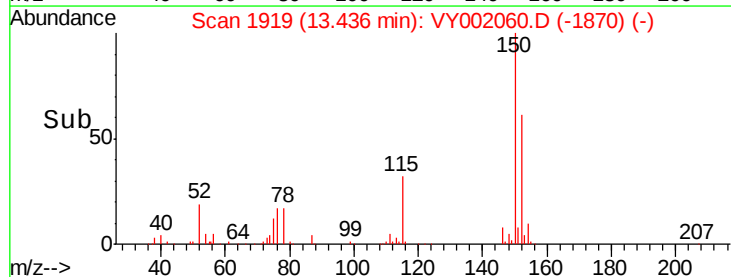
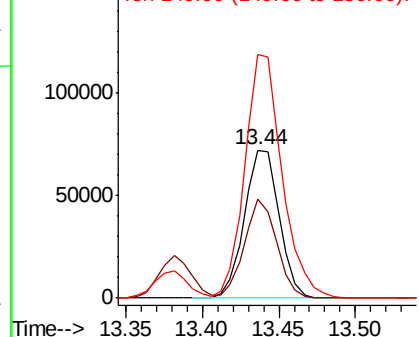


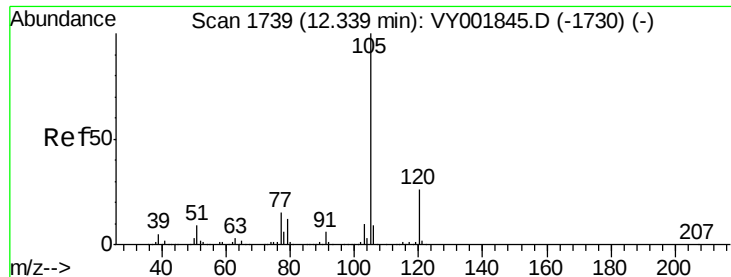
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion:152 Resp: 114238
Ion Ratio Lower Upper
152 100
115 62.0 29.9 89.7
150 175.6 0.0 340.6



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: 54.334 ug/l

RT: 12.35 min Scan# 1740

Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :

MSVOA_Y

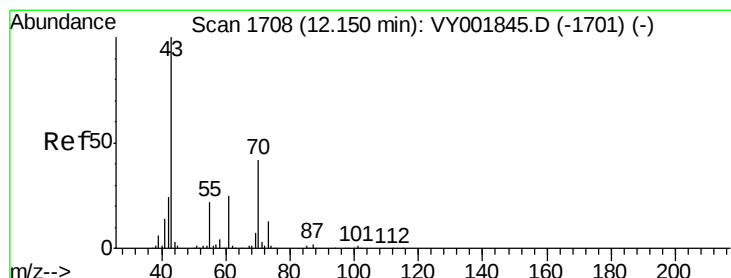
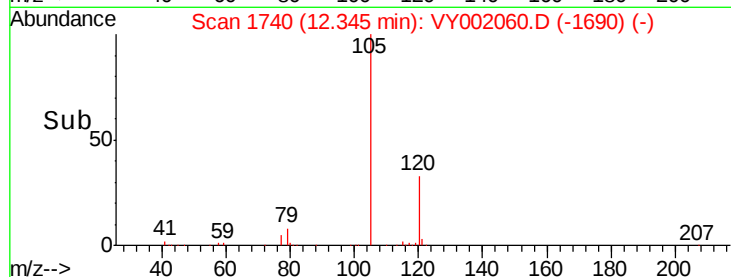
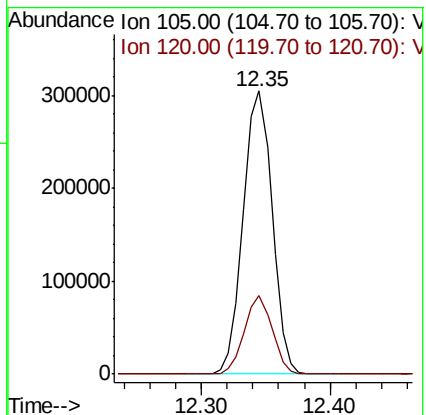
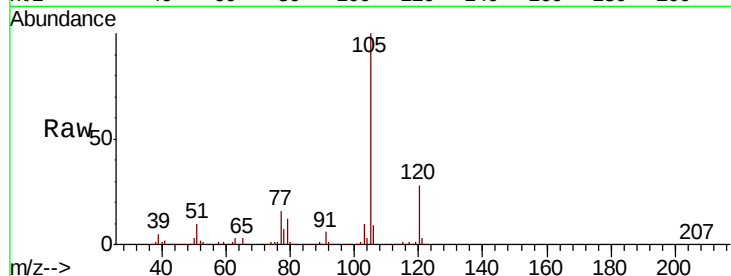
ClientSampleId :

Tot Ion:105 Resp: 473829

Ion Ratio Lower Upper

105 100

120 26.6 13.1 39.3



#74

N-ethyl acetate

Concen: 50.291 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Tgt Ion: 43 Resp: 134790

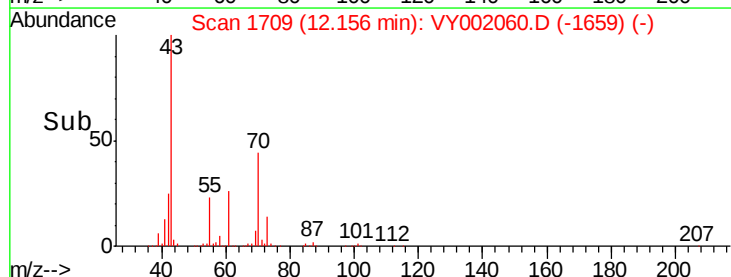
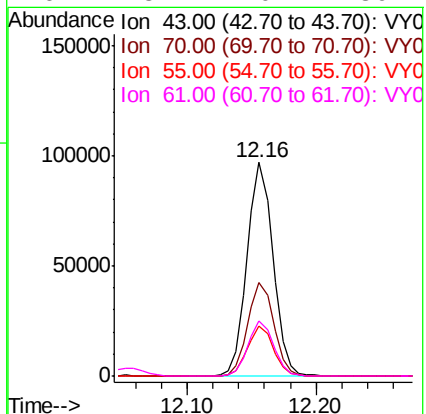
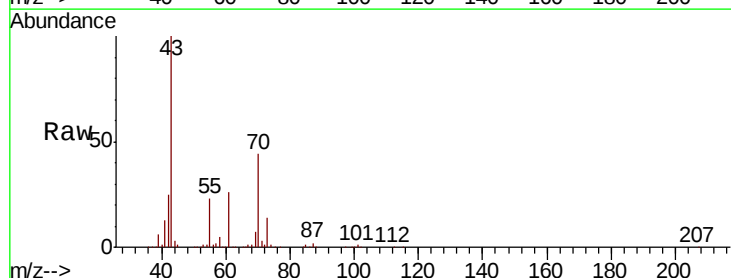
Ion Ratio Lower Upper

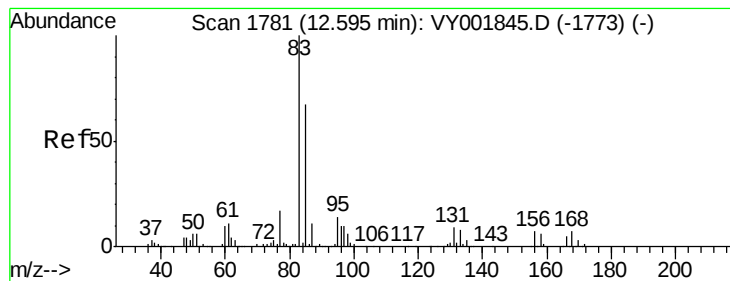
43 100

70 43.8 34.7 52.1

55 23.4 18.2 27.4

61 25.1 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 50.579 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. 0.00 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

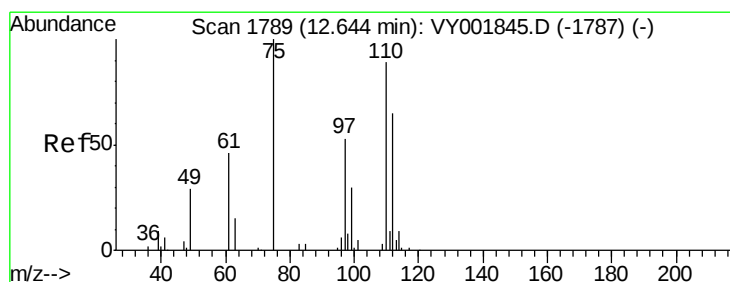
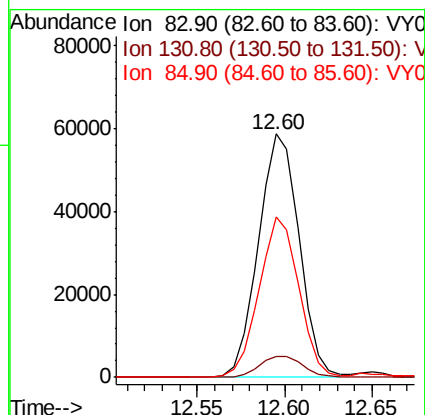
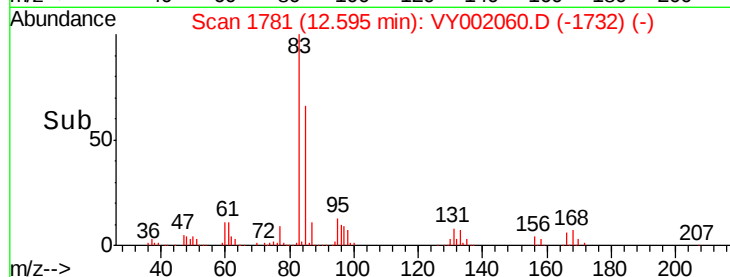
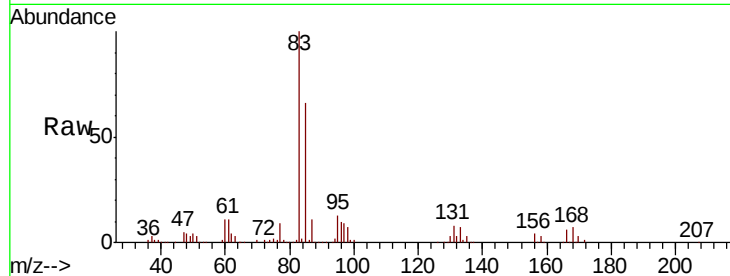
Tot Ion: 83 Resp: 95118

Ion Ratio Lower Upper

83 100

131 9.4 4.6 13.8

85 64.3 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 91.113 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VY002060.D

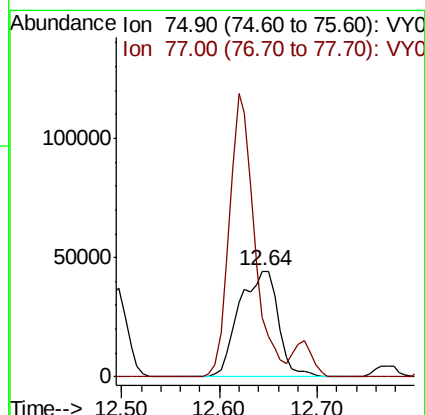
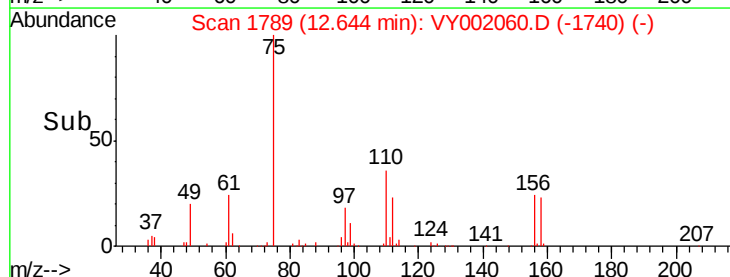
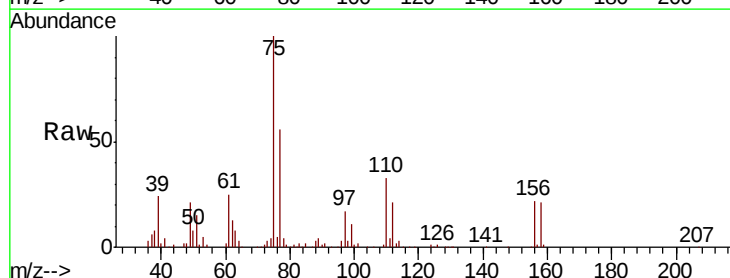
Acq: 25 Mar 2020 11:09

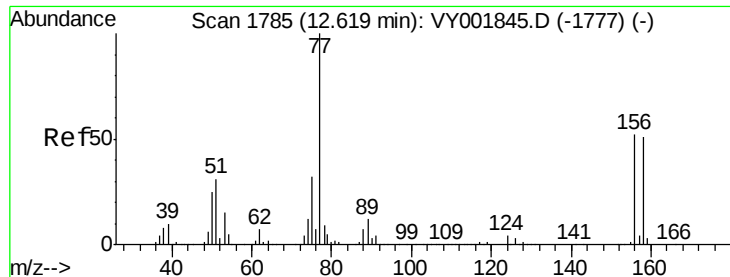
Tgt Ion: 75 Resp: 123504

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.283 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

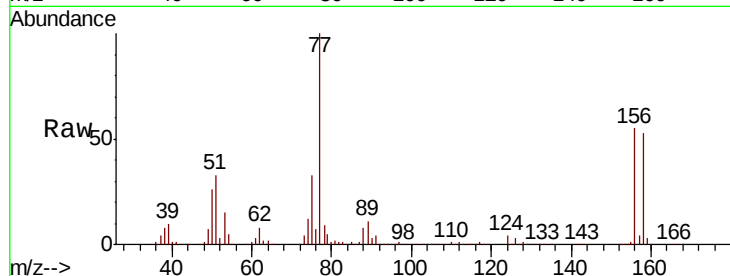
Tot Ion:156 Resp: 100296

Ion Ratio Lower Upper

156 100

77 212.1 109.0 327.0

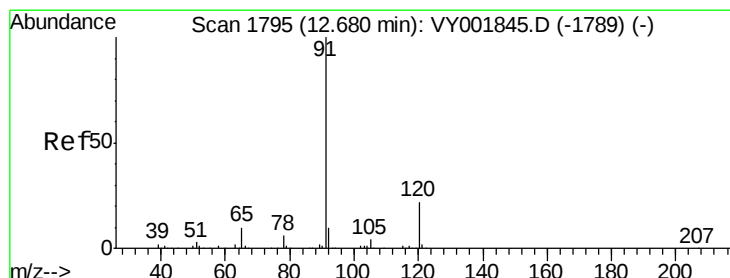
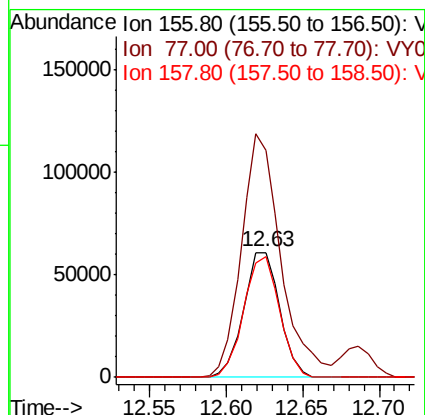
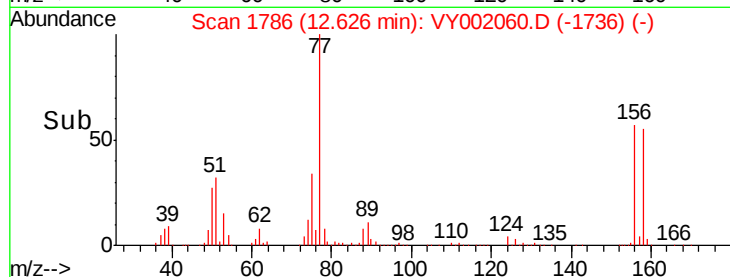
158 95.4 48.9 146.8



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: 54.225 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VY002060.D

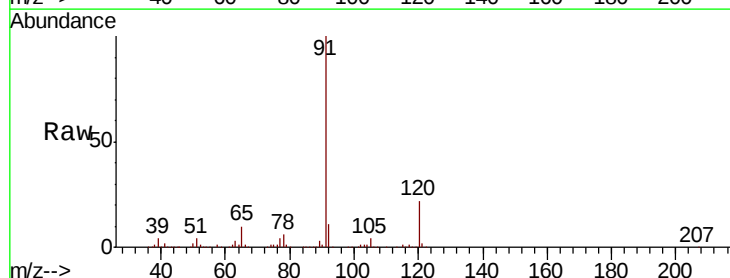
Acq: 25 Mar 2020 11:09

Tgt Ion: 91 Resp: 583397

Ion Ratio Lower Upper

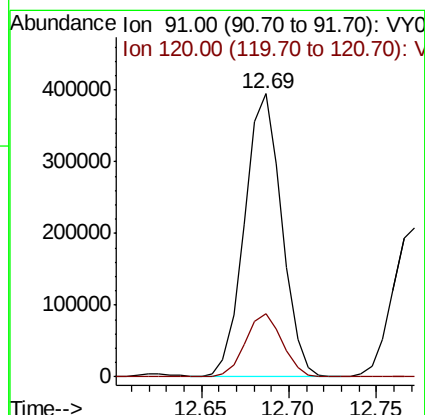
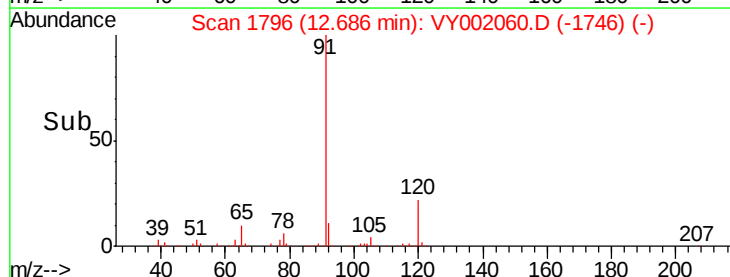
91 100

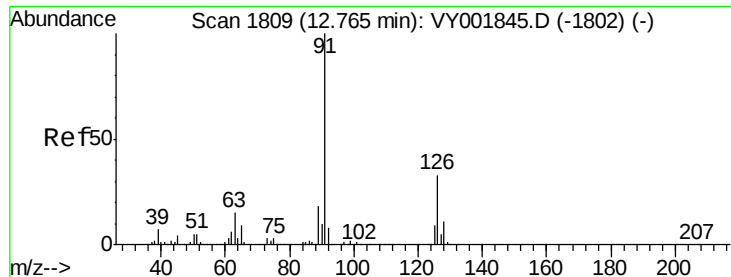
120 22.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

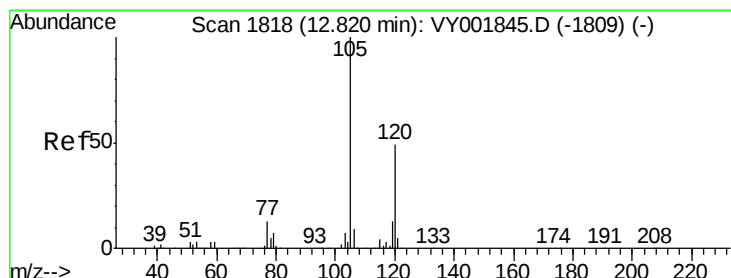
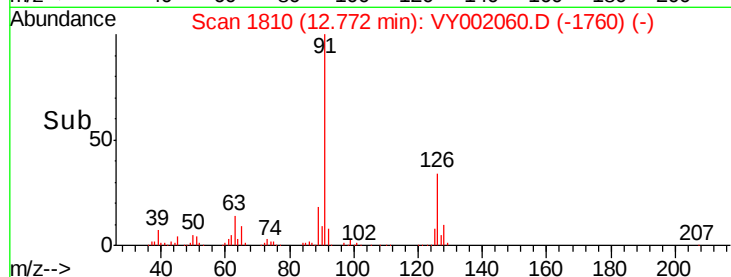
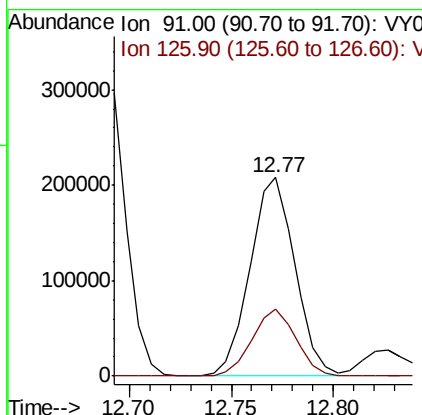
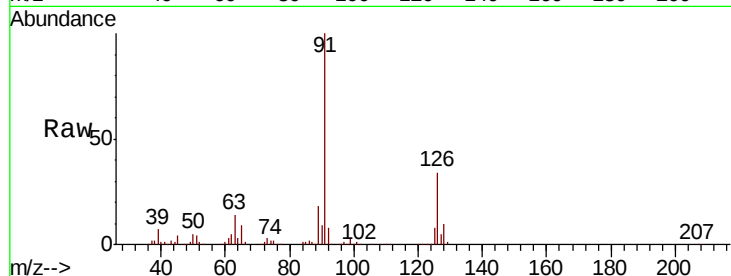




#79
 2-Chlorotoluene
 Concen: 53.719 ug/l
 RT: 12.77 min Scan# 1810
 Delta R.T. 0.01 min
 Lab File: VY002060.D
 Acq: 25 Mar 2020 11:09

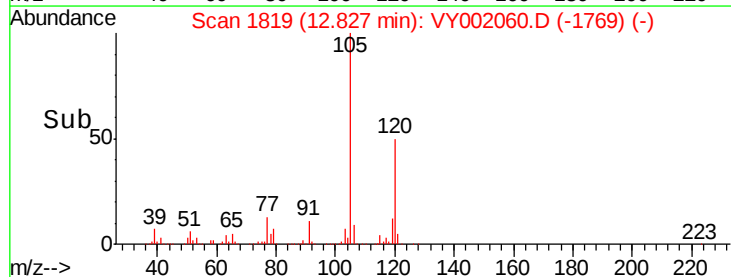
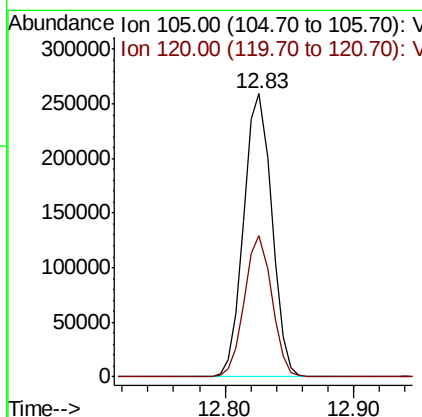
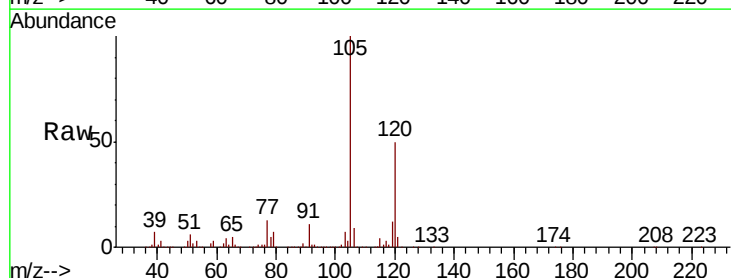
Instrument :
 MSVOA_Y
 ClientSampleId :

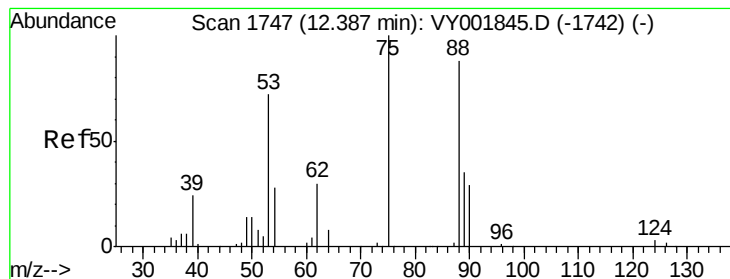
Tot Ion: 91 Resp: 319307
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 54.416 ug/l
 RT: 12.83 min Scan# 1819
 Delta R.T. 0.01 min
 Lab File: VY002060.D
 Acq: 25 Mar 2020 11:09

Tgt Ion: 105 Resp: 390665
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 51.916 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

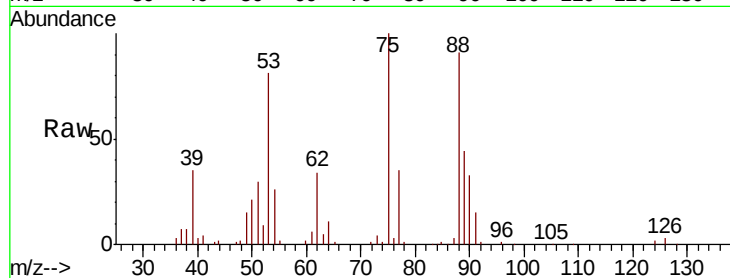
Tot Ion: 75 Resp: 34839

Ion Ratio Lower Upper

75 100

53 82.5 65.4 98.0

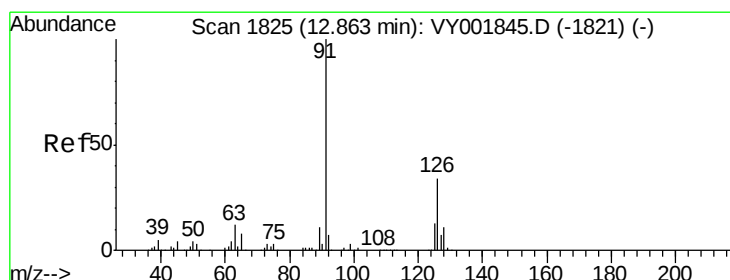
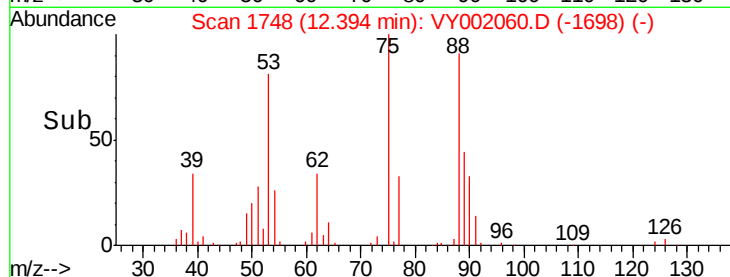
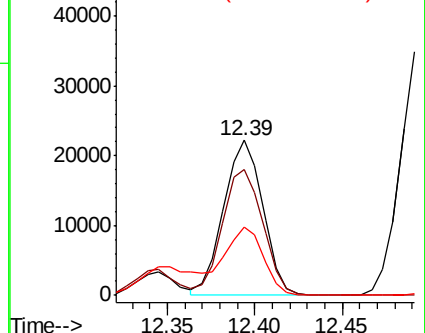
89 44.4 36.0 54.0



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: 54.750 ug/l

RT: 12.87 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VY002060.D

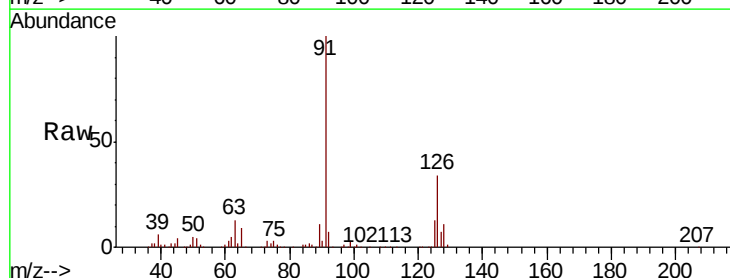
Acq: 25 Mar 2020 11:09

Tgt Ion: 91 Resp: 338841

Ion Ratio Lower Upper

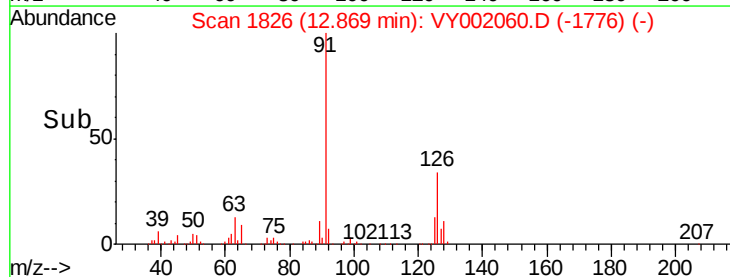
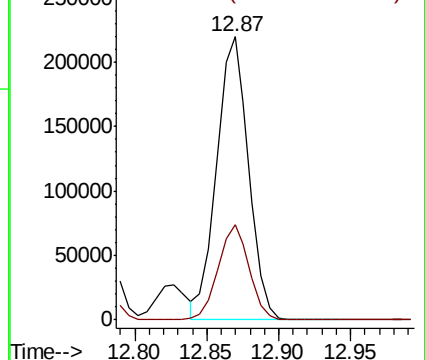
91 100

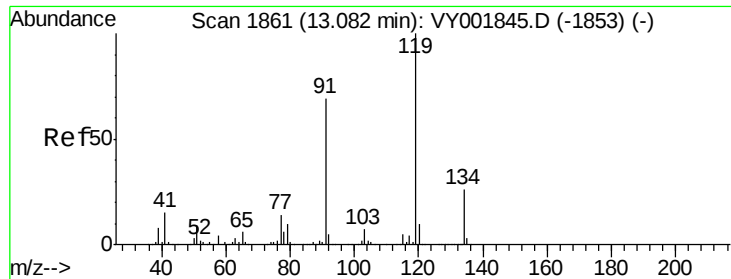
126 32.9 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

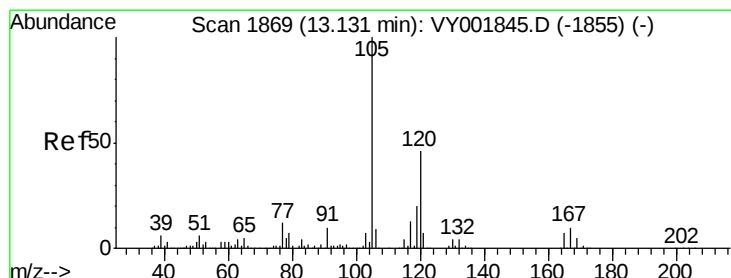
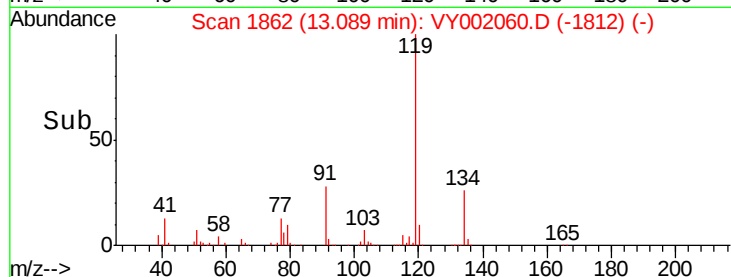
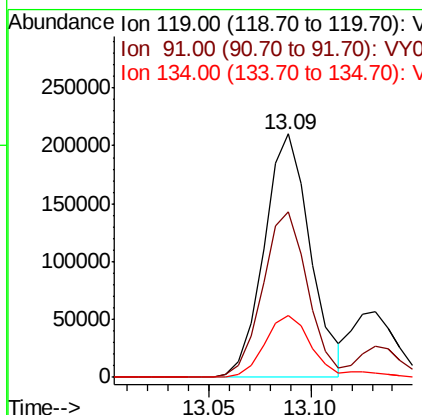
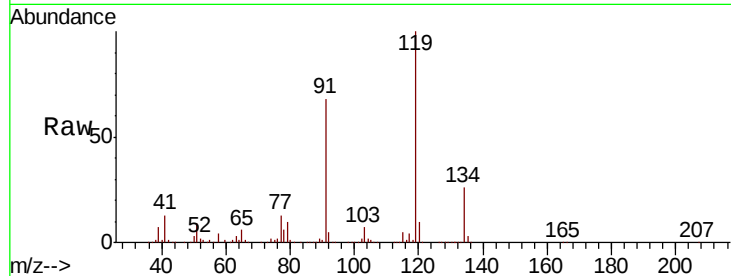




#83
tert-Butylbenzene
Concen: 55.677 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

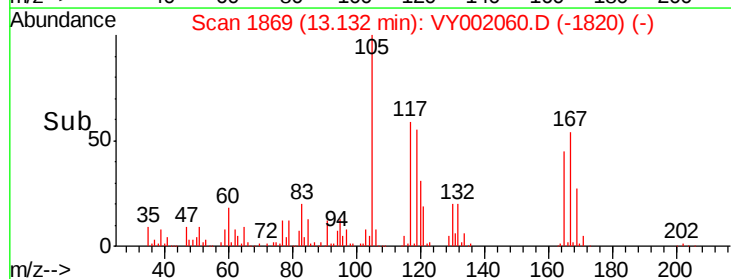
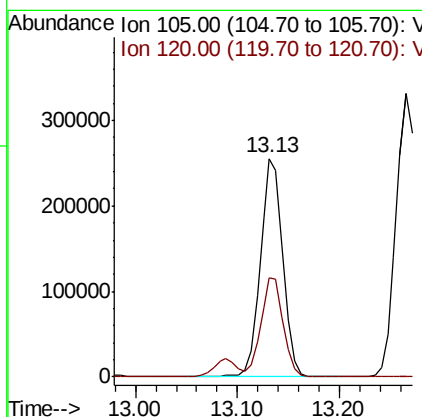
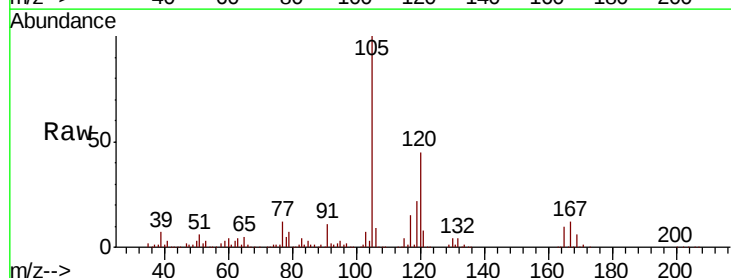
Instrument :
MSVOA_Y
ClientSampled :

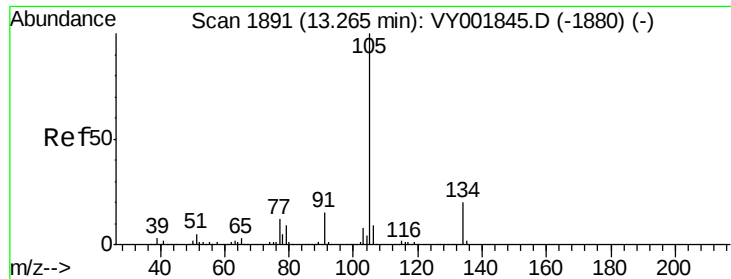
Tot Ion:119 Resp: 331995
Ion Ratio Lower Upper
119 100
91 66.0 34.0 101.8
134 26.8 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 54.802 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion:105 Resp: 390446
Ion Ratio Lower Upper
105 100
120 45.0 22.6 67.7





#85

sec-Butylbenzene

Concen: 55.592 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :

MSVOA_Y

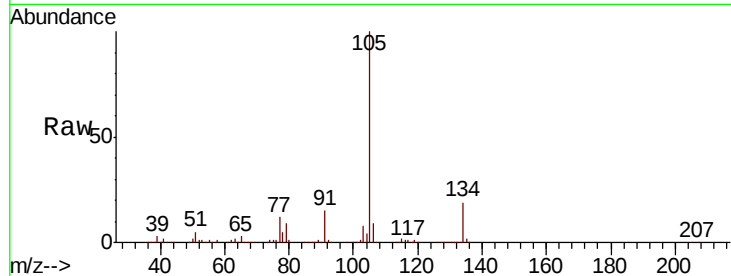
ClientSampleId :

Tot Ion:105 Resp: 488609

Ion Ratio Lower Upper

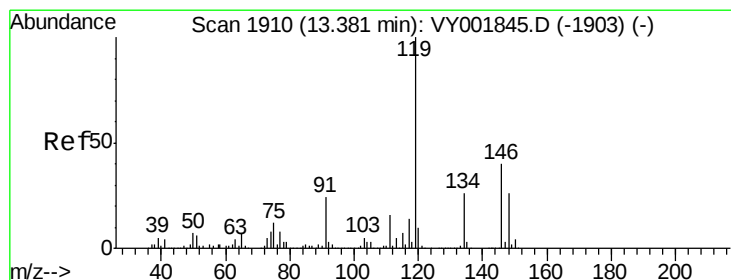
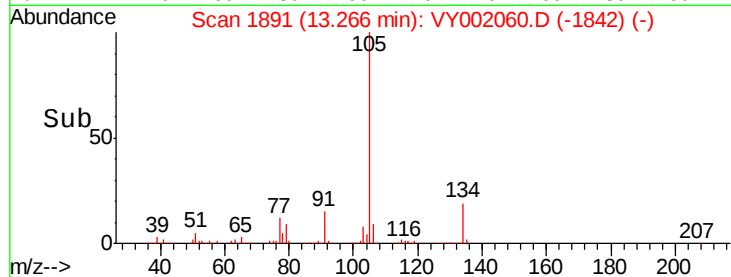
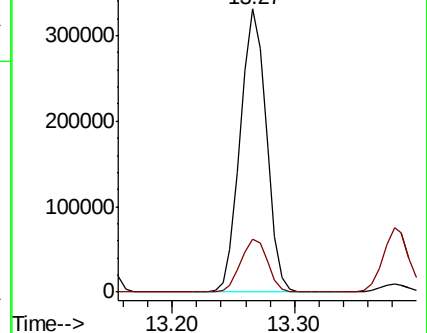
105 100

134 19.4 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.185 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.00 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

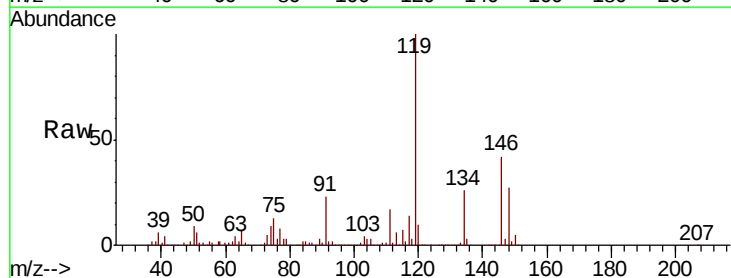
Tgt Ion:119 Resp: 418407

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

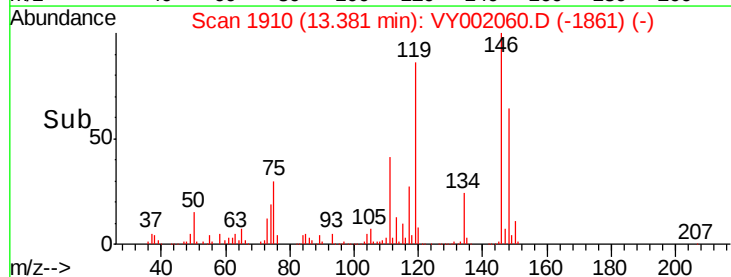
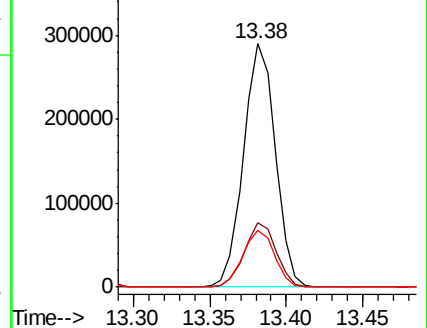
91 23.4 11.9 35.7

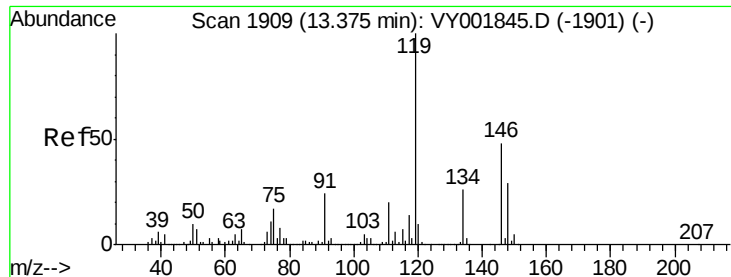


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

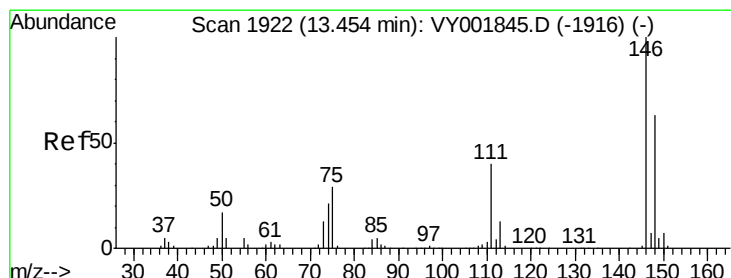
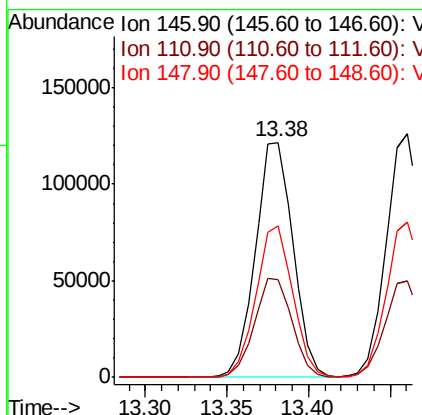
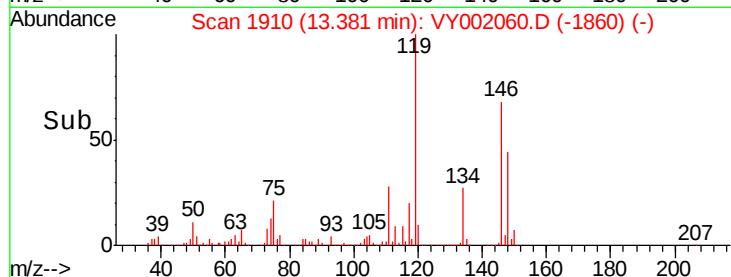
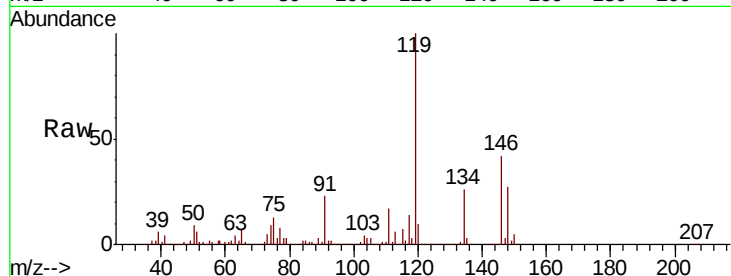




#87
 1,3-Dichlorobenzene
 Concen: 53.880 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY002060.D
 Acq: 25 Mar 2020 11:09

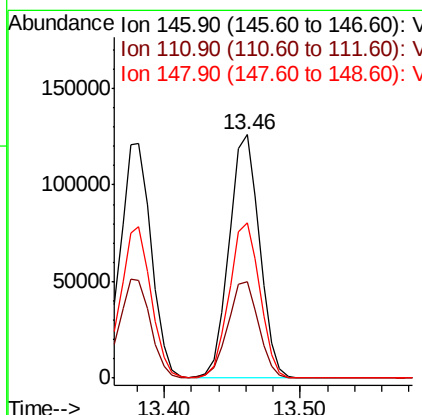
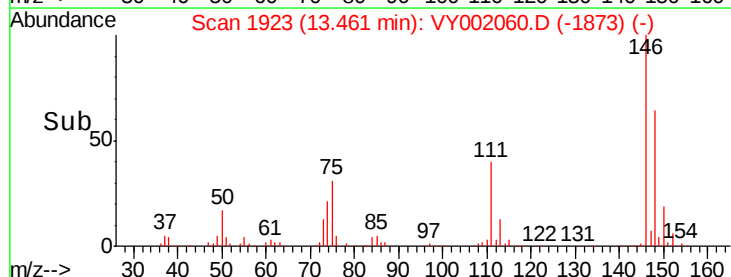
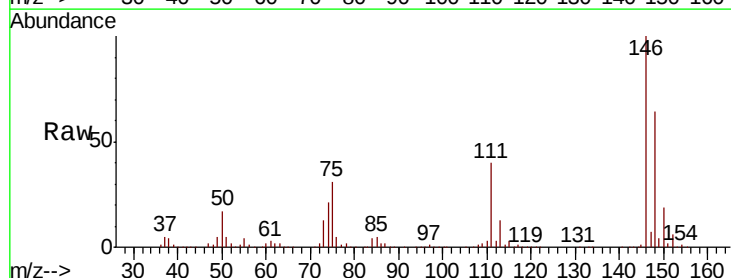
Instrument :
 MSVOA_Y
 ClientSampleId :

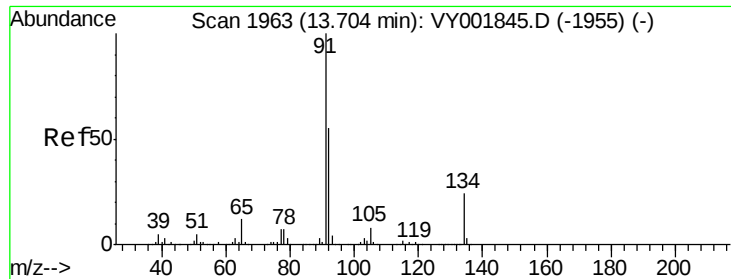
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.8	62.5
148	63.0	31.4	94.0



#88
 1,4-Dichlorobenzene
 Concen: 53.378 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY002060.D
 Acq: 25 Mar 2020 11:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.0	60.0
148	64.2	31.5	94.5

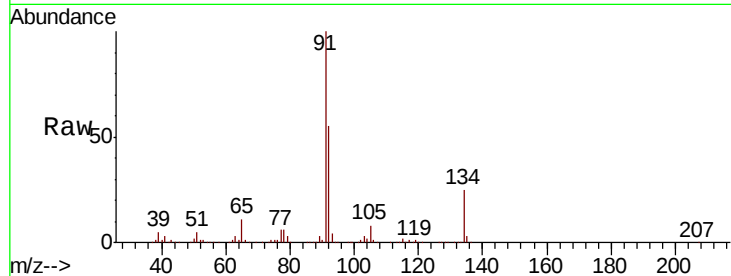




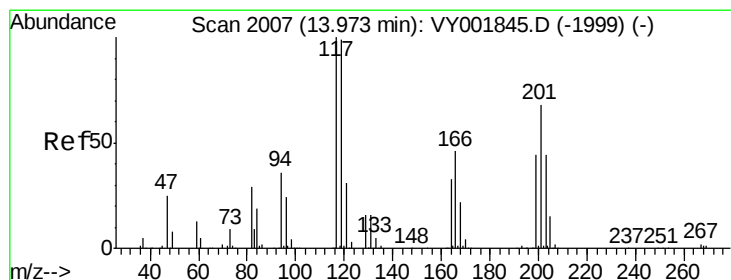
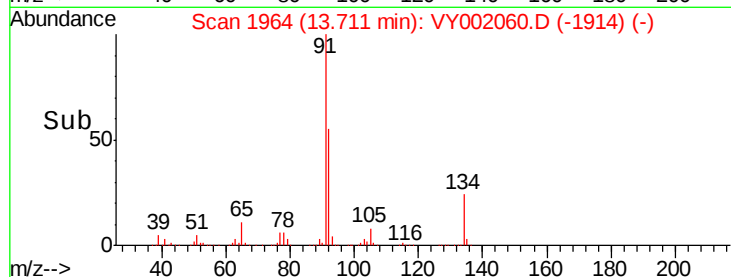
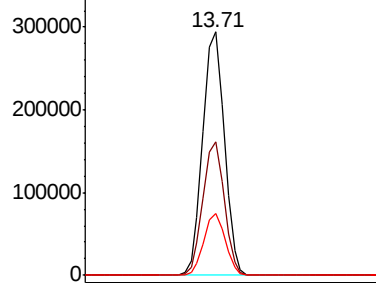
#89
n-Butylbenzene
Concen: 54.807 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 91 Resp: 431116
Ion Ratio Lower Upper
91 100
92 54.4 27.5 82.4
134 25.0 12.5 37.5

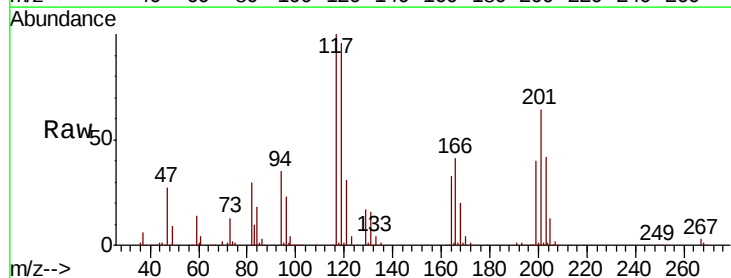


Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 92.00 (91.70 to 92.70): VY0
Ion 134.00 (133.70 to 134.70): V

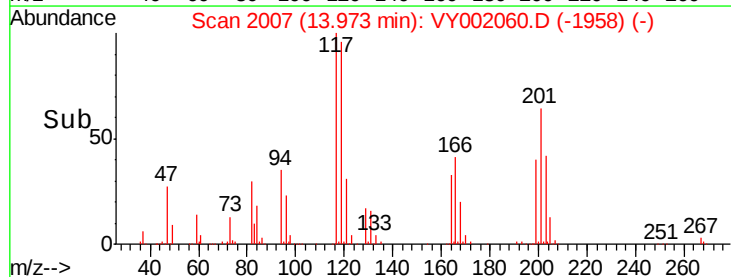
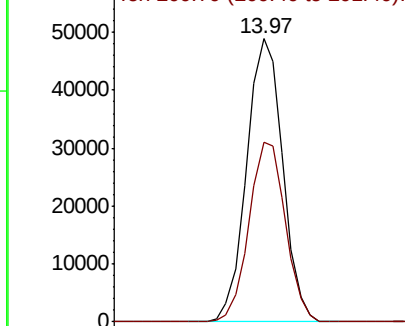


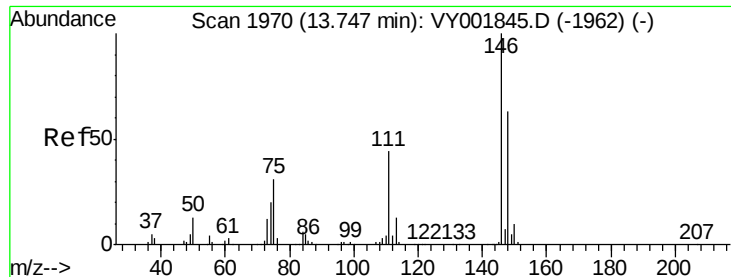
#90
Hexachloroethane
Concen: 55.988 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion: 117 Resp: 80081
Ion Ratio Lower Upper
117 100
201 64.3 32.5 97.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 53.661 ug/l

RT: 13.75 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

Instrument :

MSVOA_Y

ClientSampled :

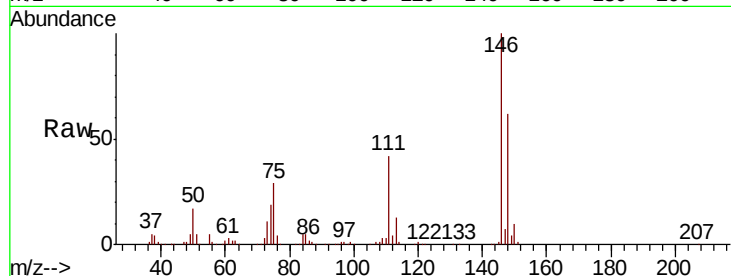
Tot Ion:146 Resp: 176504

Ion Ratio Lower Upper

146 100

111 43.1 21.5 64.5

148 63.9 32.0 96.0

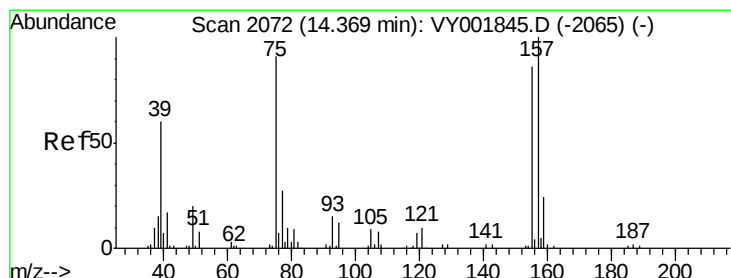
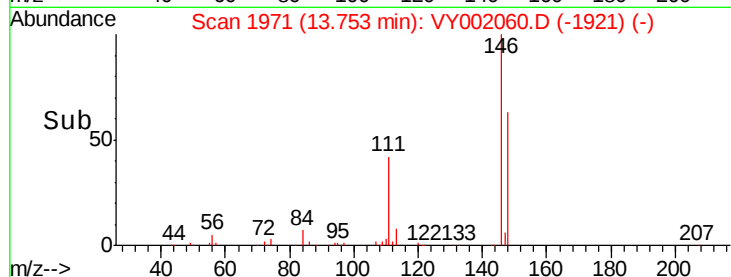
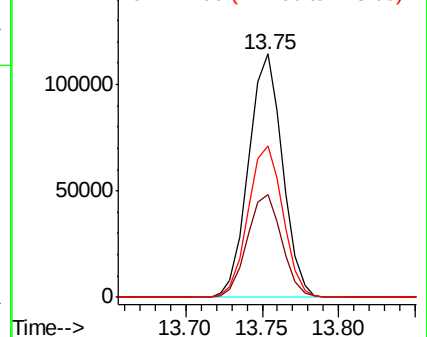


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.963 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VY002060.D

Acq: 25 Mar 2020 11:09

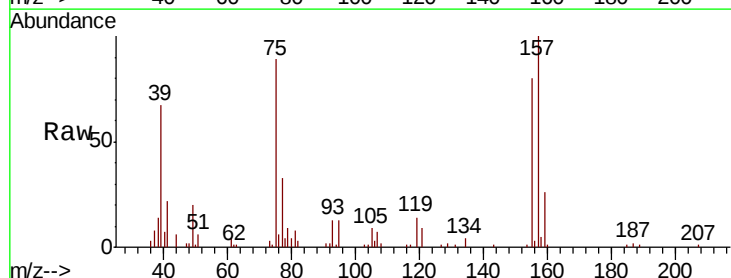
Tgt Ion: 75 Resp: 14075

Ion Ratio Lower Upper

75 100

155 85.2 42.9 128.7

157 106.8 53.1 159.4

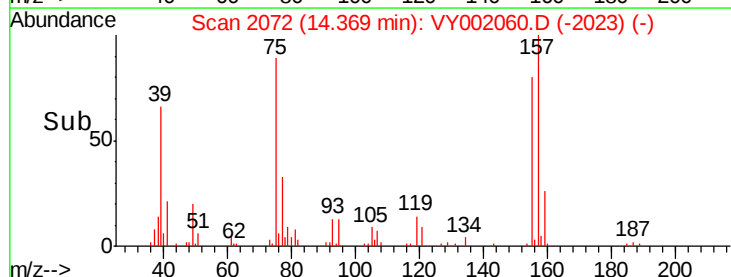
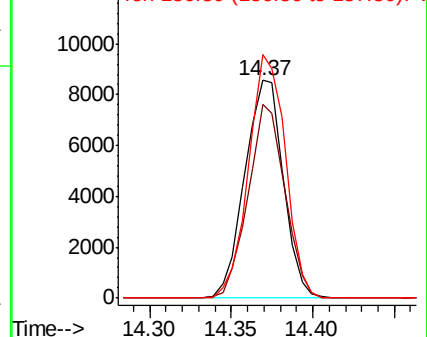


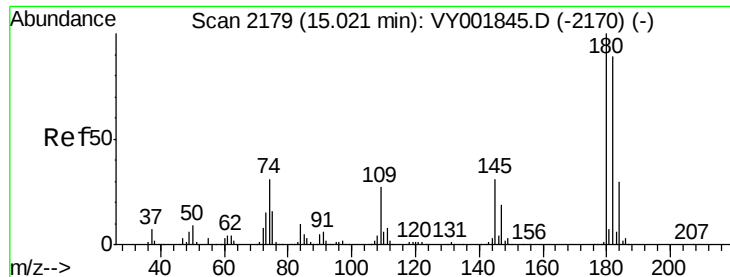
Abundance

Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

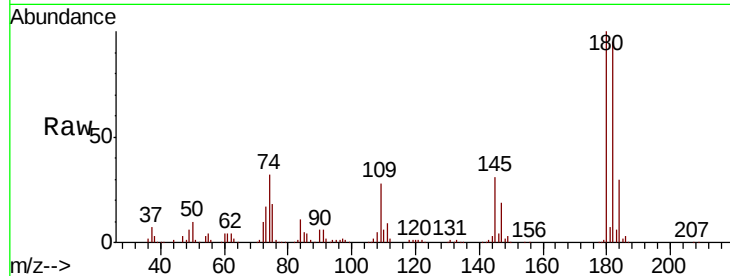




#93
 1,2,4-Trichlorobenzene
 Concen: 54.039 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.00 min
 Lab File: VY002060.D
 Acq: 25 Mar 2020 11:09

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	46.1	138.3
145	31.9	15.6	46.8

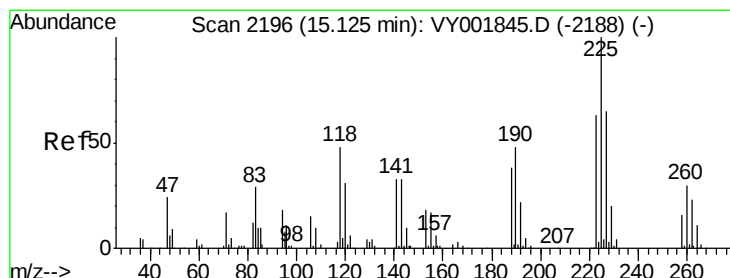
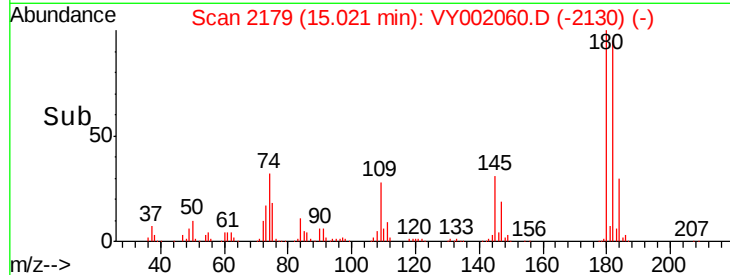
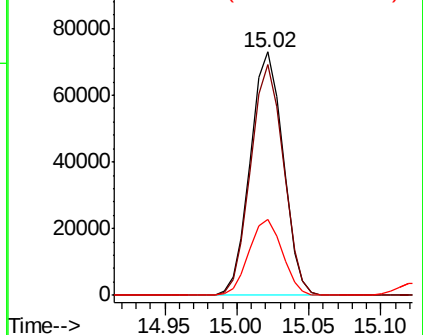


Abundance

Ion 179.80 (179.50 to 180.50): V

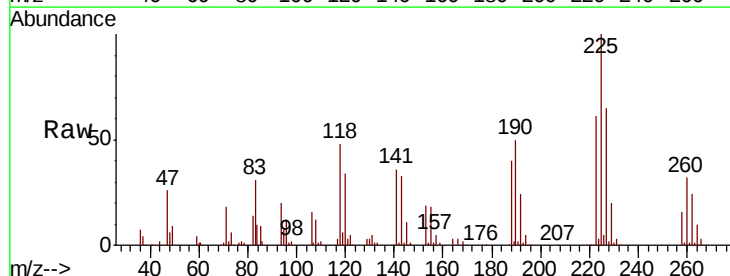
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 55.112 ug/l
 RT: 15.13 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VY002060.D
 Acq: 25 Mar 2020 11:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.5	94.5
227	62.2	31.9	95.5

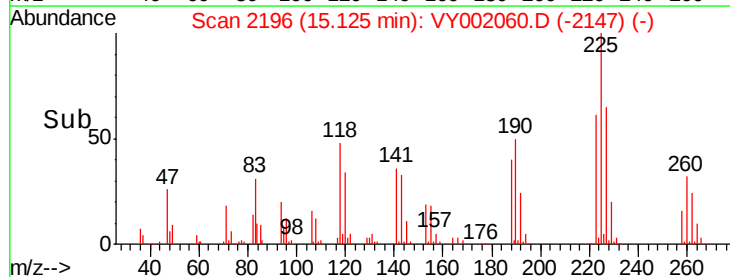
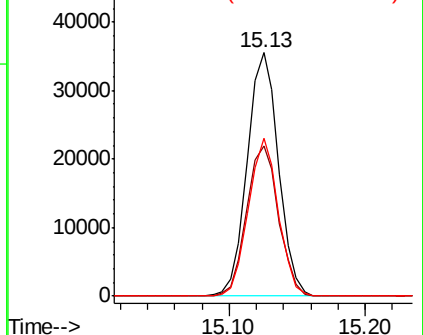


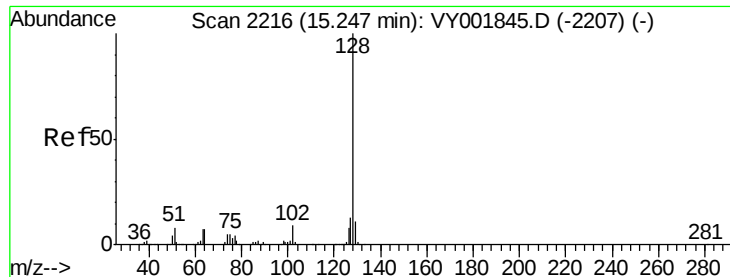
Abundance

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

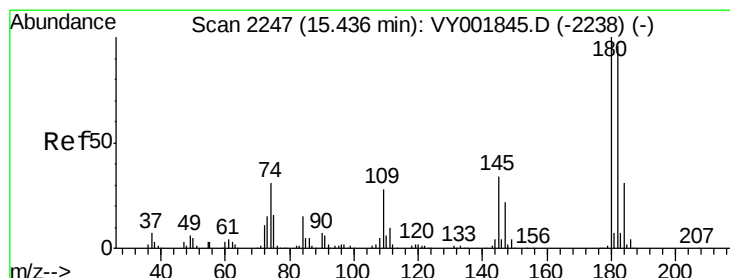
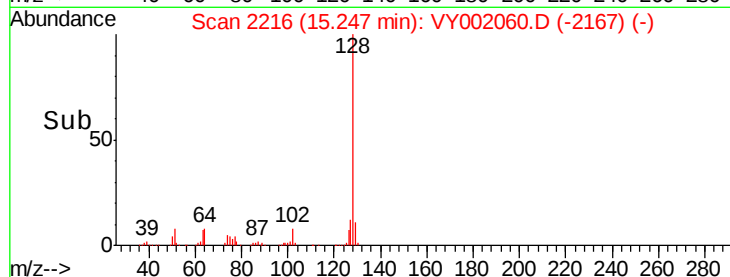
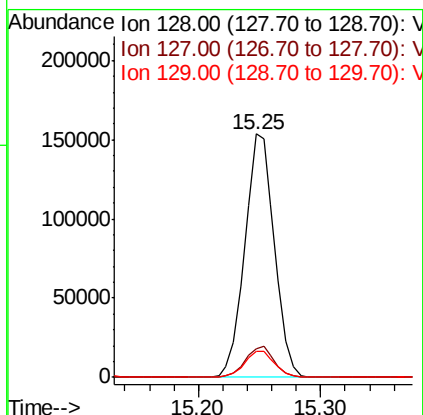
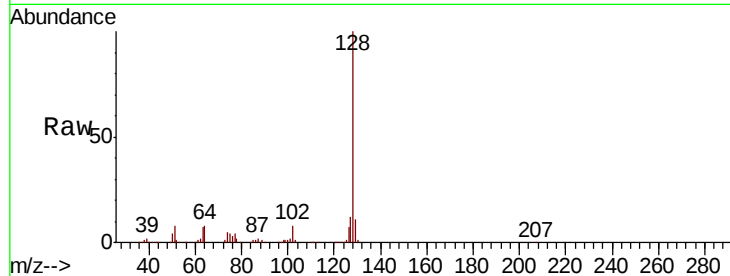




#95
Naphthalene
Concen: 50.790 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 256985
Ion Ratio Lower Upper
128 100
127 12.5 10.1 15.1
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.134 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.00 min
Lab File: VY002060.D
Acq: 25 Mar 2020 11:09

Tgt Ion:180 Resp: 99848
Ion Ratio Lower Upper
180 100
182 93.9 47.6 142.9
145 33.7 16.8 50.3

