

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110619\
 Data File : VY000540.D
 Acq On : 06 Nov 2019 10:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 07 04:53:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	257021	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	427985	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	383340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	192863	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	138986	52.25	ug/l	0.00
Spiked Amount			Recovery	=	104.50%	
35) Dibromofluoromethane	7.73	113	127302	50.67	ug/l	0.00
Spiked Amount			Recovery	=	101.34%	
50) Toluene-d8	10.18	98	517268	54.26	ug/l	0.00
Spiked Amount			Recovery	=	108.52%	
62) 4-Bromofluorobenzene	12.48	95	189482	52.21	ug/l	0.00
Spiked Amount			Recovery	=	104.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	121227	47.914	ug/l	98
3) Chloromethane	2.12	50	168237	48.270	ug/l	98
4) Vinyl Chloride	2.25	62	153952	47.566	ug/l	98
5) Bromomethane	2.65	94	109476	56.406	ug/l	100
6) Chloroethane	2.79	64	95647	47.218	ug/l	96
7) Trichlorofluoromethane	3.13	101	209557	47.943	ug/l	100
8) Diethyl Ether	3.54	74	73232	47.152	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	125652	47.550	ug/l	97
10) Methyl Iodide	4.09	142	115051	34.160	ug/l	99
11) Tert butyl alcohol	4.97	59	56044	216.454	ug/l #	85
12) 1,1-Dichloroethene	3.88	96	124095	48.336	ug/l	95
13) Acrolein	3.74	56	65598	290.859	ug/l	100
14) Allyl chloride	4.49	41	206825	49.543	ug/l	99
15) Acrylonitrile	5.18	53	187167	235.251	ug/l	99
16) Acetone	3.96	43	198139	270.283	ug/l	97
17) Carbon Disulfide	4.19	76	386027	47.672	ug/l	98
18) Methyl Acetate	4.49	43	107619	47.214	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	341667	47.864	ug/l	98
20) Methylene Chloride	4.72	84	136179	43.353	ug/l	95
21) trans-1,2-Dichloroethene	5.23	96	138790	47.818	ug/l	97
22) Diisopropyl ether	6.13	45	451585	49.768	ug/l	91
23) Vinyl Acetate	6.07	43	1404285	245.166	ug/l	99
24) 1,1-Dichloroethane	6.03	63	237720	48.359	ug/l	99
25) 2-Butanone	7.00	43	299991	256.414	ug/l	96
26) 2,2-Dichloropropane	6.99	77	219571	48.877	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	151653	47.783	ug/l	99
28) Bromochloromethane	7.35	49	118960	52.812	ug/l	95
29) Tetrahydrofuran	7.36	42	170955	238.854	ug/l	98
30) Chloroform	7.52	83	238810	48.024	ug/l	96
31) Cyclohexane	7.79	56	236915	46.016	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	217457	49.067	ug/l	99
36) 1,1-Dichloropropene	7.93	75	197701	48.864	ug/l	98
37) Ethyl Acetate	7.08	43	109855	45.733	ug/l	97
38) Carbon Tetrachloride	7.91	117	193836	49.789	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	253313	48.462	ug/l	100
40) Benzene	8.17	78	560115	47.220	ug/l	99
41) Methacrylonitrile	7.35	41	151744	113.239	ug/l #	7
42) 1,2-Dichloroethane	8.25	62	161798	48.092	ug/l	100
43) Isopropyl Acetate	8.28	43	216478	47.974	ug/l	99
44) Trichloroethene	8.94	130	150403	48.090	ug/l	92
45) 1,2-Dichloropropane	9.22	63	142338	48.756	ug/l	93
46) Dibromomethane	9.31	93	75735	47.170	ug/l	99
47) Bromodichloromethane	9.50	83	187385	49.186	ug/l	97
48) Methyl methacrylate	9.30	41	96889	49.143	ug/l	98
49) 1,4-Dioxane	9.31	88	20158	932.872	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	585322	243.975	ug/l	99
52) Toluene	10.25	92	361836	48.248	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	204491	50.236	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	228654	49.032	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	110156	47.435	ug/l	99
56) Ethyl methacrylate	10.51	69	166683	50.642	ug/l	99
57) 1,3-Dichloropropane	10.79	76	197874	48.684	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	364355	244.860	ug/l	99
59) 2-Hexanone	10.83	43	456546	261.185	ug/l	98
60) Dibromochloromethane	10.99	129	130218	48.955	ug/l	98
61) 1,2-Dibromoethane	11.09	107	107896	48.322	ug/l	99
64) Tetrachloroethene	10.72	164	145870	46.019	ug/l	98
65) Chlorobenzene	11.52	112	378358	48.681	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	136877	50.780	ug/l	98
67) Ethyl Benzene	11.60	91	704709	49.266	ug/l	99
68) m/p-Xylenes	11.70	106	538414	97.252	ug/l	98
69) o-Xylene	12.03	106	259029	49.783	ug/l	96
70) Styrene	12.05	104	437551	49.110	ug/l	100
71) Bromoform	12.21	173	75983	49.010	ug/l #	98
73) Isopropylbenzene	12.33	105	698146	48.979	ug/l	100
74) N-amyl acetate	12.14	43	207435	50.813	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	138137	48.945	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	186096	84.743	ug/l #	100
77) Bromobenzene	12.61	156	154898	47.921	ug/l	99
78) n-propylbenzene	12.67	91	838866	48.775	ug/l	100
79) 2-Chlorotoluene	12.75	91	458398	48.010	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	589065	49.620	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	48650	49.672	ug/l	98
82) 4-Chlorotoluene	12.85	91	495729	50.087	ug/l	97
83) tert-Butylbenzene	13.08	119	492092	48.547	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	580116	49.079	ug/l	99
85) sec-Butylbenzene	13.25	105	716215	49.595	ug/l	100
86) p-Isopropyltoluene	13.37	119	635615	49.384	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	300431	47.452	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	305830	48.340	ug/l	99
89) n-Butylbenzene	13.70	91	622389	49.028	ug/l	99
90) Hexachloroethane	13.96	117	116705	49.047	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	272970	47.519	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	23911	47.871	ug/l	97

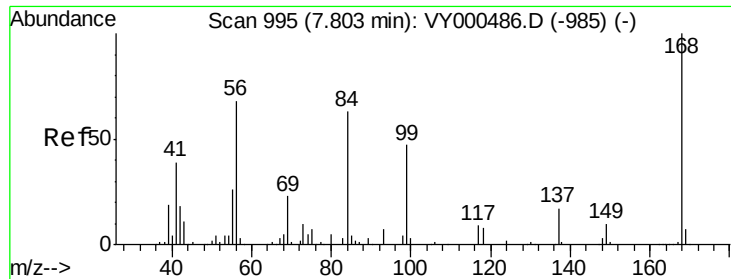
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	188633	48.227	ug/l	98
94) Hexachlorobutadiene	15.11	225	93263	46.256	ug/l	98
95) Naphthalene	15.23	128	416630	47.983	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	164649	46.921	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

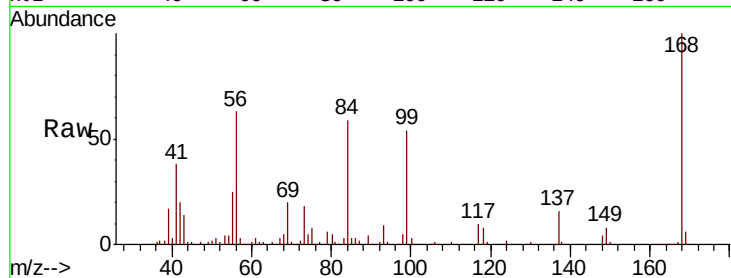
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 257021

Ion Ratio Lower Upper

168 100

99 53.9 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000540.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000540.D (-985) (-)

7.80

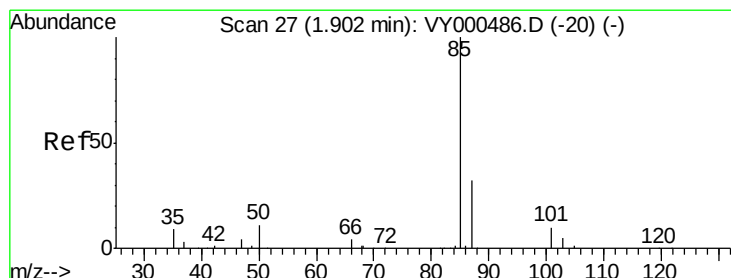
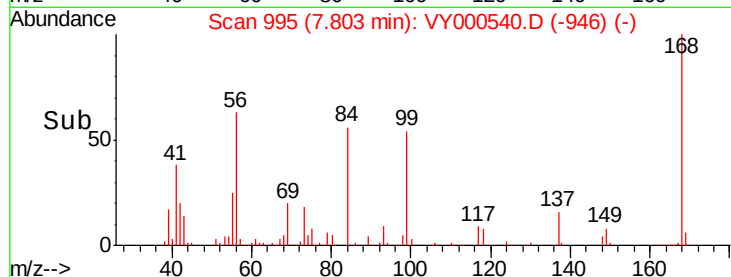
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 47.914 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000540.D

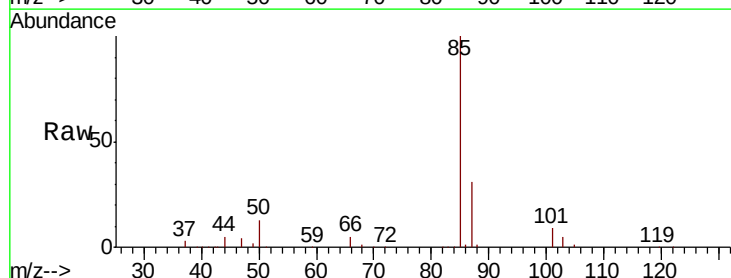
Acq: 06 Nov 2019 10:37

Tgt Ion: 85 Resp: 121227

Ion Ratio Lower Upper

85 100

87 31.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY000540.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000540.D (-20) (-)

1.90

80000

60000

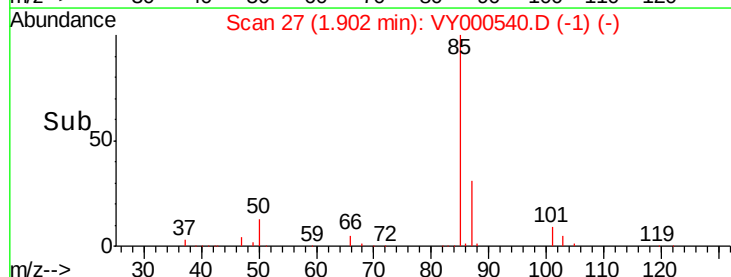
40000

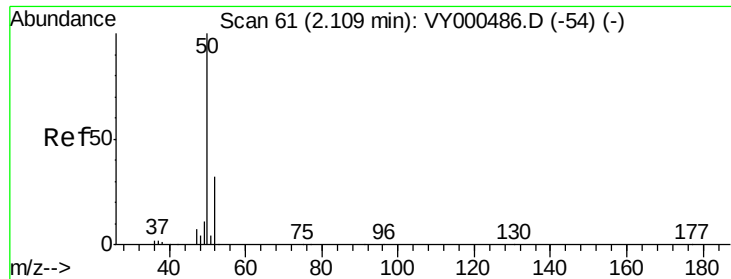
20000

0

1.85 1.90 1.95 2.00

Time-->

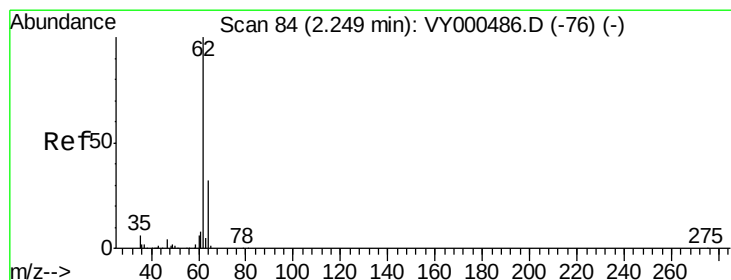
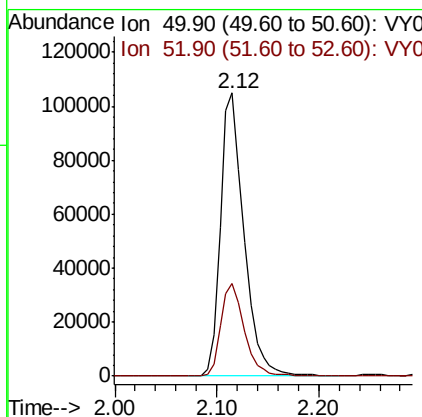
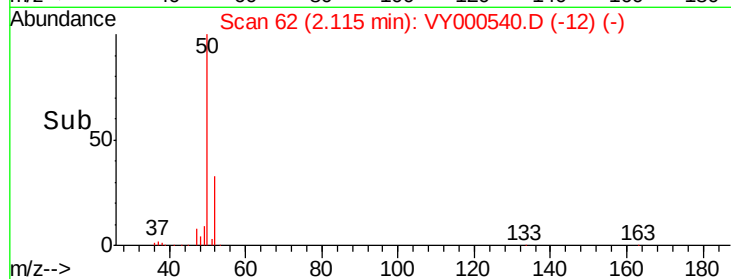
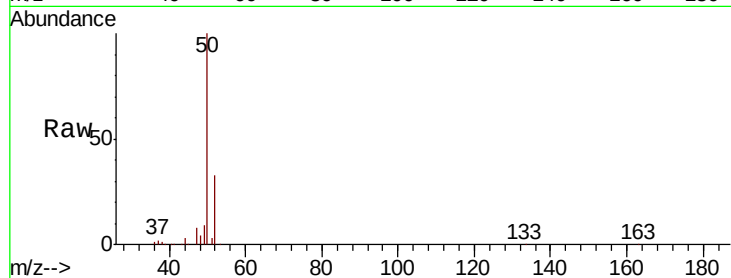




#3
Chloromethane
Concen: 48.270 ug/l
RT: 2.12 min Scan# 62
Delta R.T. 0.01 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

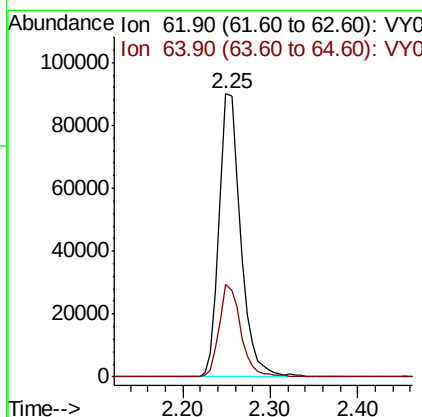
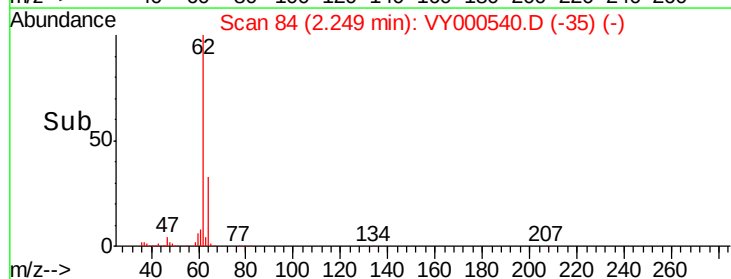
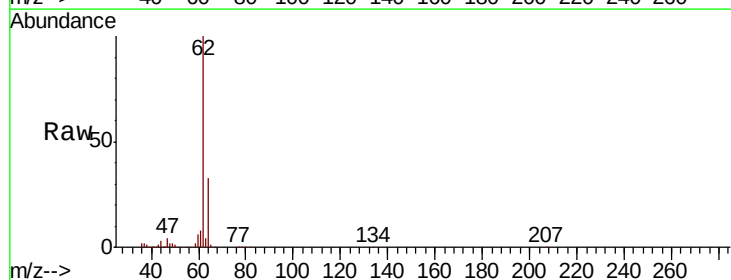
Instrument :
MSVOA_Y
ClientSampleId :

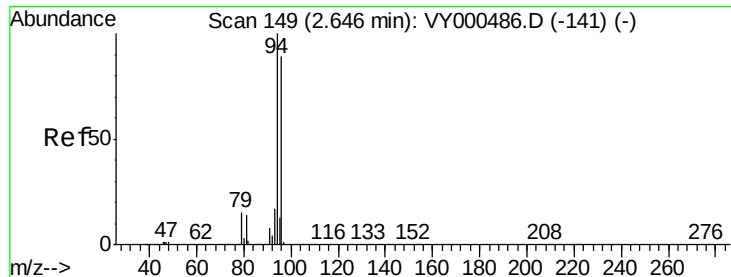
Tot Ion: 50 Resp: 168237
Ion Ratio Lower Upper
50 100
52 32.9 25.2 37.8



#4
Vinyl Chloride
Concen: 47.566 ug/l
RT: 2.25 min Scan# 84
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion: 62 Resp: 153952
Ion Ratio Lower Upper
62 100
64 32.9 25.2 37.8





#5

Bromomethane

Concen: 56.406 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Instrument :

MSVOA_Y

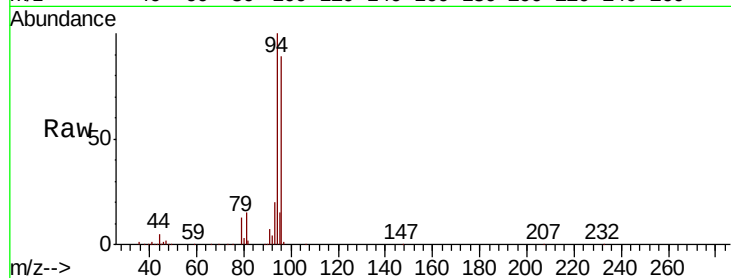
ClientSampleId :

Tot Ion: 94 Resp: 109476

Ion Ratio Lower Upper

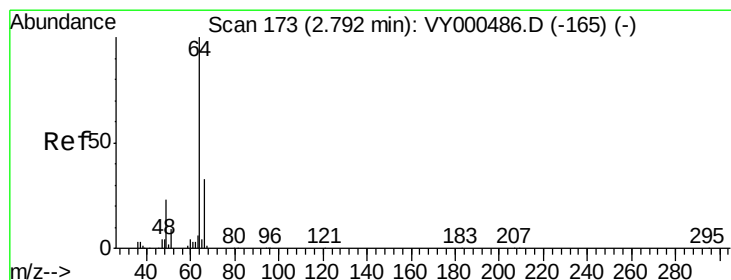
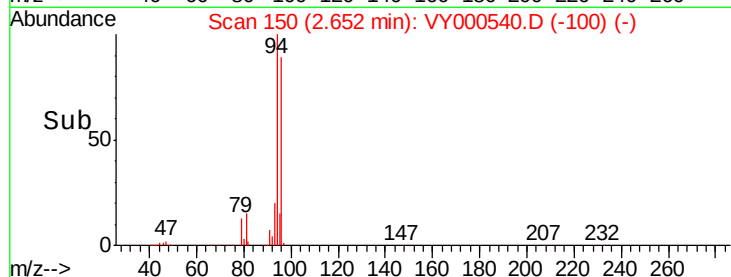
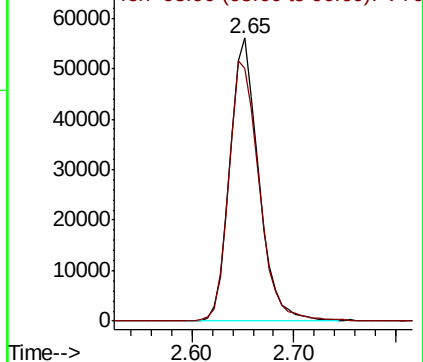
94 100

96 89.1 71.2 106.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 47.218 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY000540.D

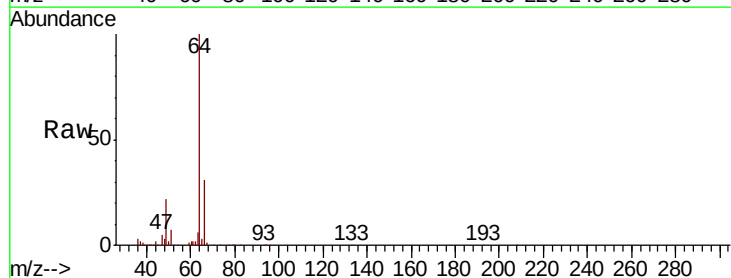
Acq: 06 Nov 2019 10:37

Tgt Ion: 64 Resp: 95647

Ion Ratio Lower Upper

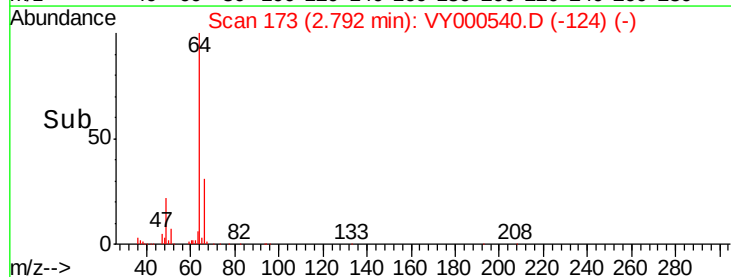
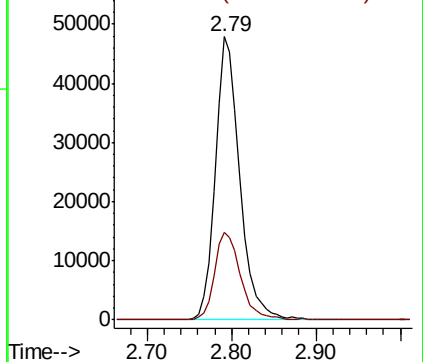
64 100

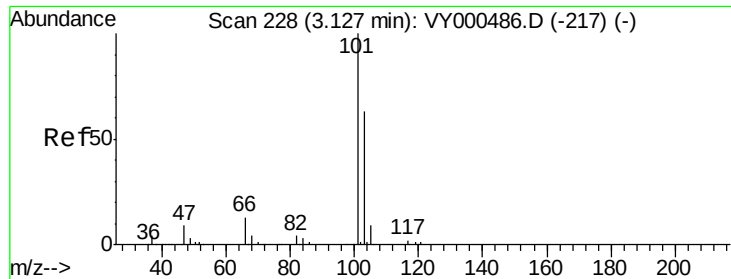
66 31.2 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



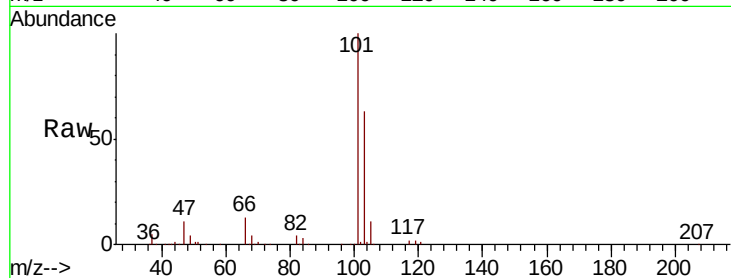


#7

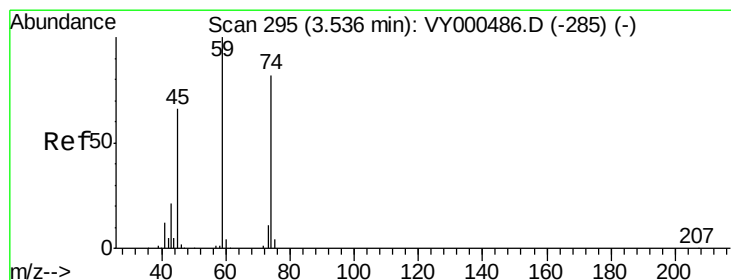
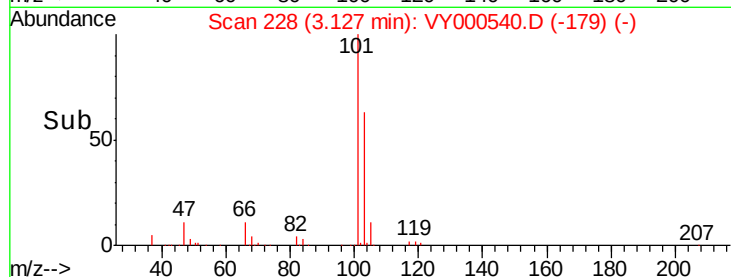
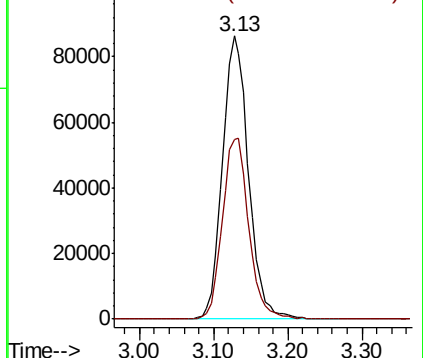
Trichlorofluoromethane
Concen: 47.943 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:101 Resp: 209557
Ion Ratio Lower Upper
101 100
103 63.4 50.5 75.7



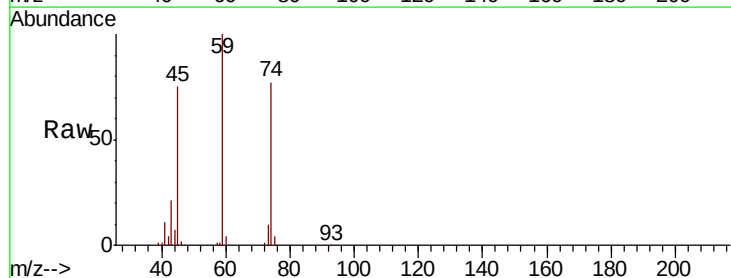
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



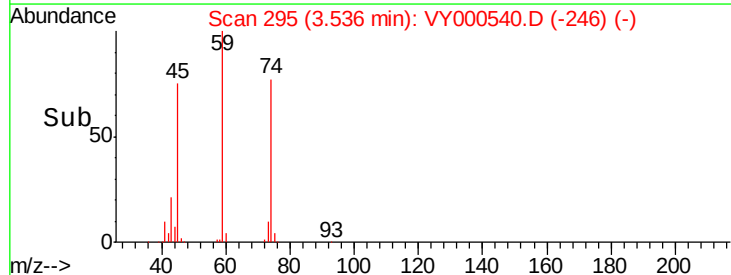
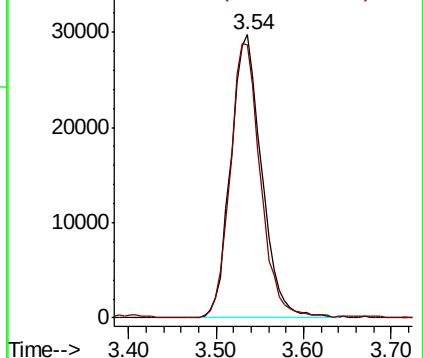
#8

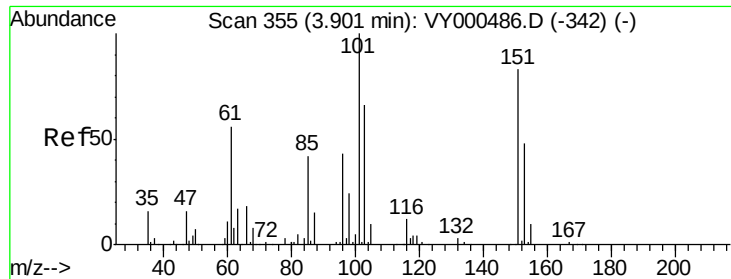
Diethyl Ether
Concen: 47.152 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion: 74 Resp: 73232
Ion Ratio Lower Upper
74 100
45 95.4 45.5 136.4



Abundance Ion 74.00 (73.70 to 74.70): VY0
Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.550 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Instrument :

MSVOA_Y

ClientSampled :

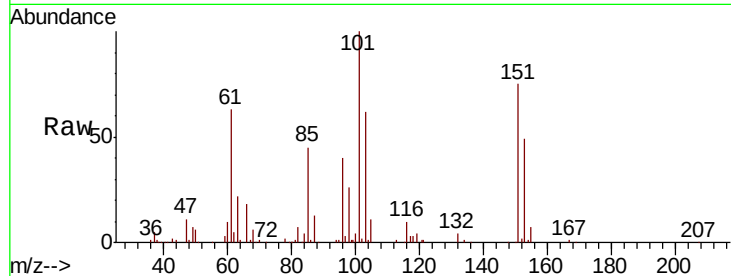
Tot Ion:101 Resp: 125652

Ion Ratio Lower Upper

101 100

85 45.3 36.7 55.1

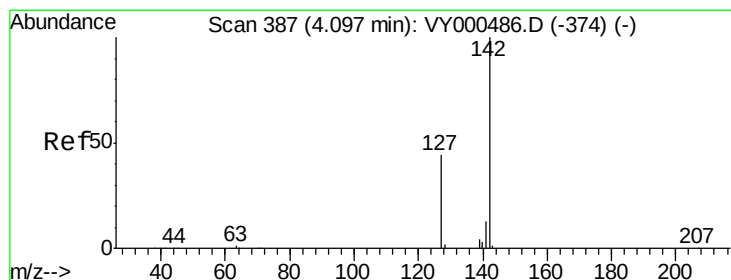
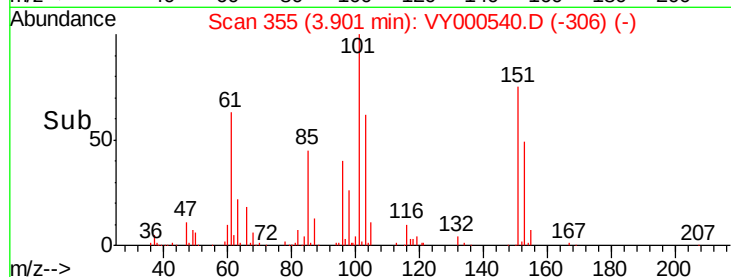
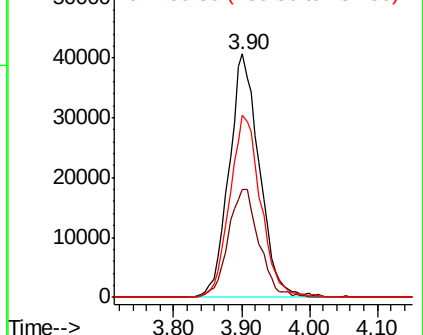
151 76.6 64.3 96.5



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: 34.160 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

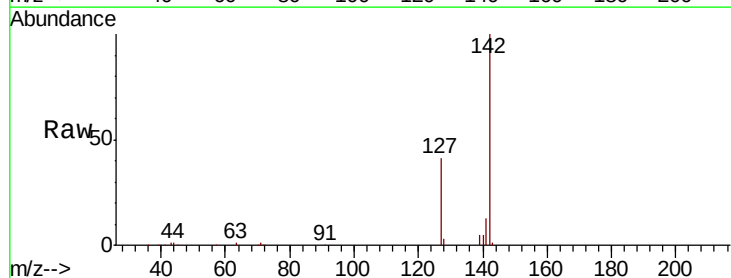
Tgt Ion:142 Resp: 115051

Ion Ratio Lower Upper

142 100

127 41.7 33.7 50.5

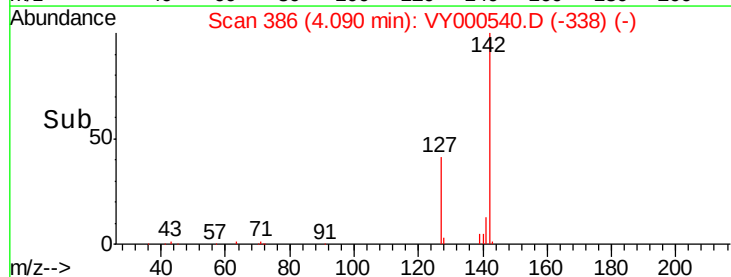
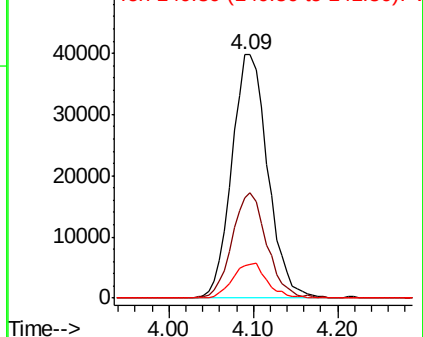
141 13.5 10.9 16.3

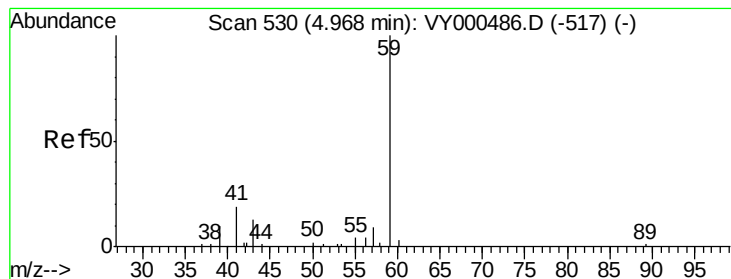


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



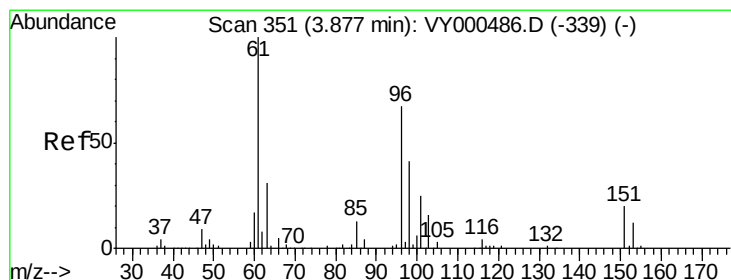
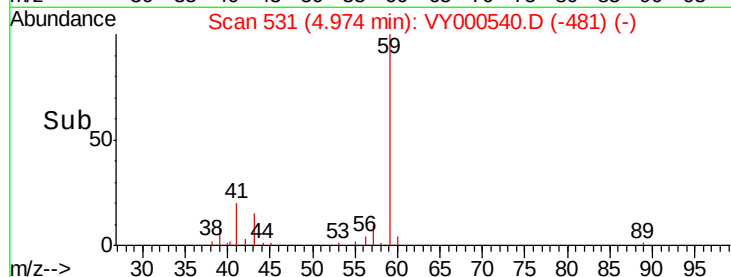
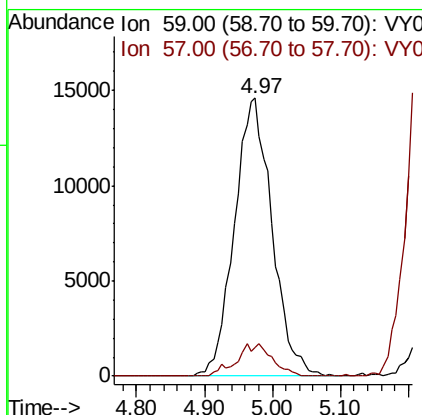
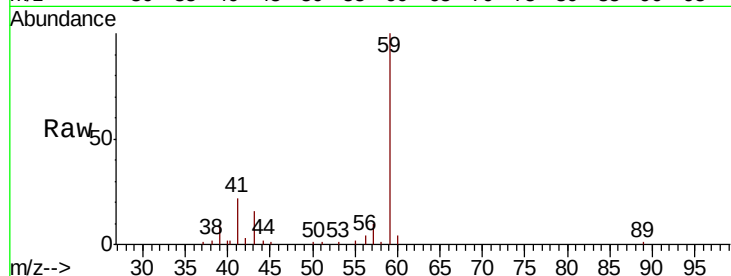


#11

Tert butyl alcohol
 Concen: 216.454 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :

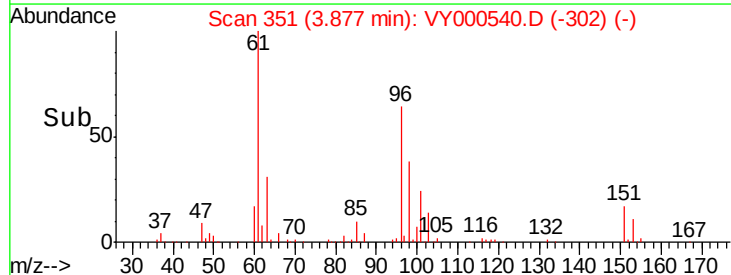
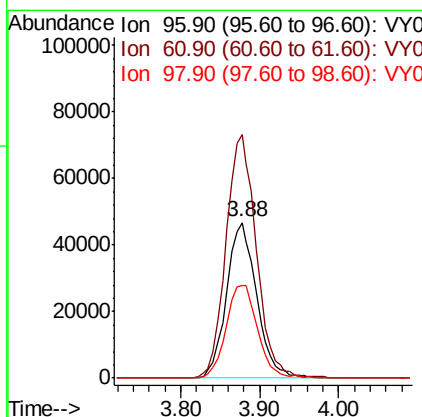
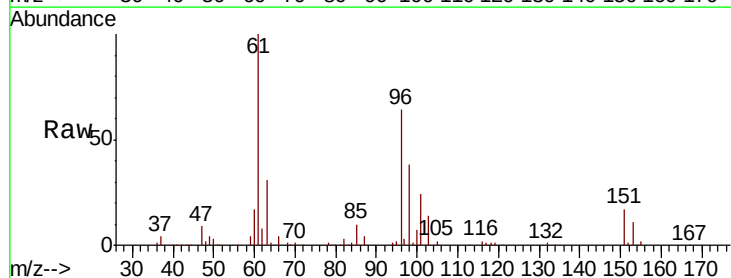
Tot Ion: 59 Resp: 56044
 Ion Ratio Lower Upper
 59 100
 57 5.0 8.6 12.8#

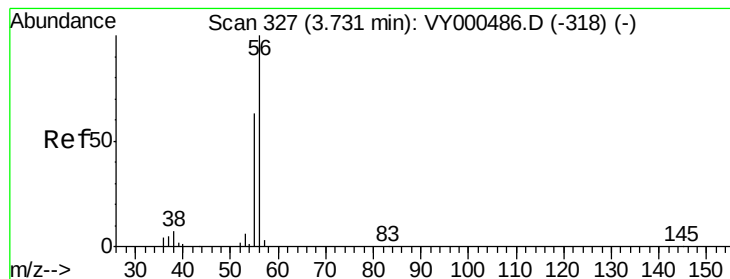


#12

1,1-Dichloroethene
 Concen: 48.336 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

Tgt Ion: 96 Resp: 124095
 Ion Ratio Lower Upper
 96 100
 61 156.8 119.2 178.8
 98 59.3 48.6 73.0





#13

Acrolein

Concen: 290.859 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

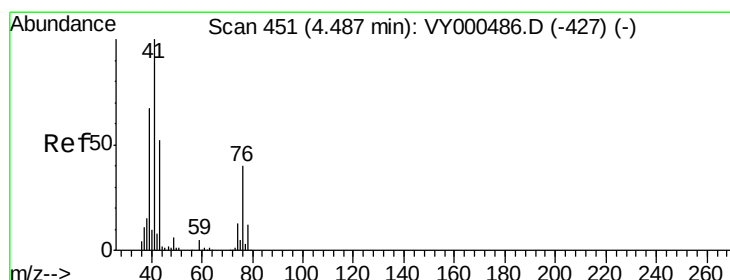
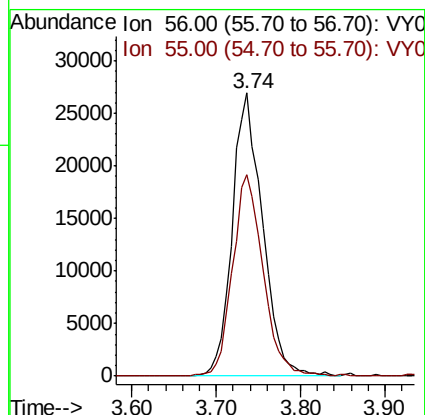
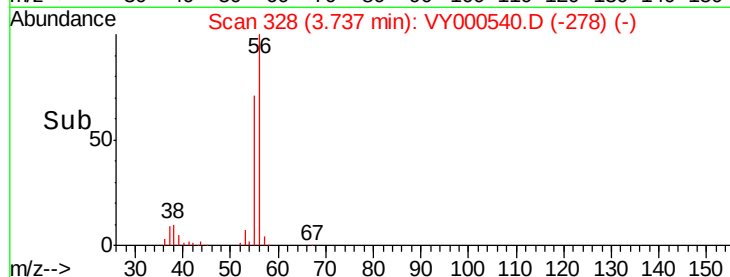
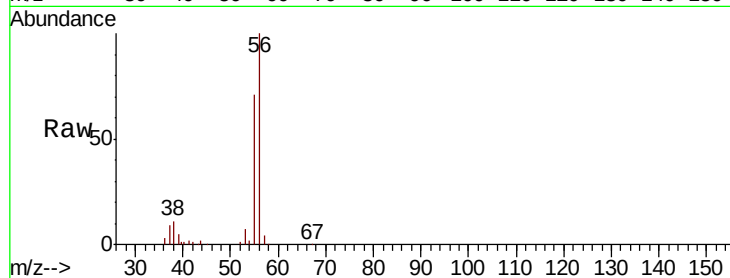
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 65598

Ion Ratio Lower Upper

56 100

55 71.7 57.0 85.6



#14

Allyl chloride

Concen: 49.543 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

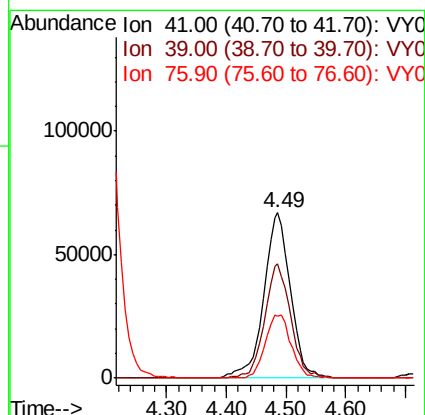
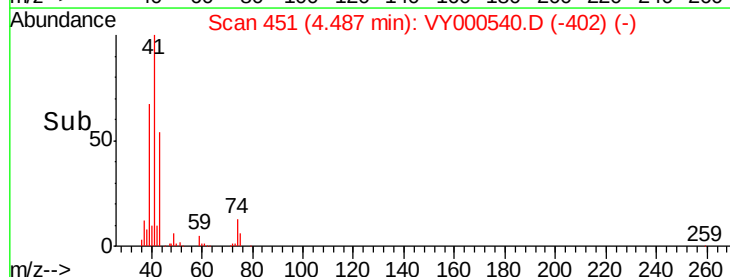
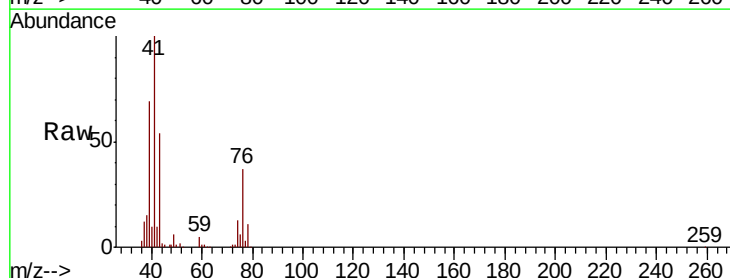
Tgt Ion: 41 Resp: 206825

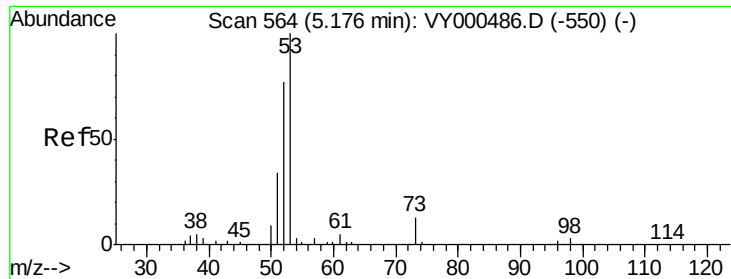
Ion Ratio Lower Upper

41 100

39 67.7 53.6 80.4

76 37.6 29.8 44.6





#15

Acrylonitrile

Concen: 235.251 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Instrument :

MSVOA_Y

ClientSampleId :

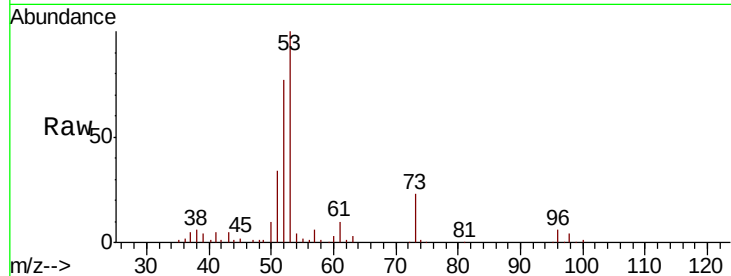
Tot Ion: 53 Resp: 187167

Ion Ratio Lower Upper

53 100

52 81.4 64.9 97.3

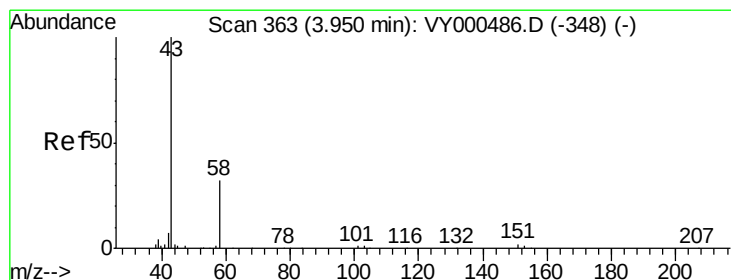
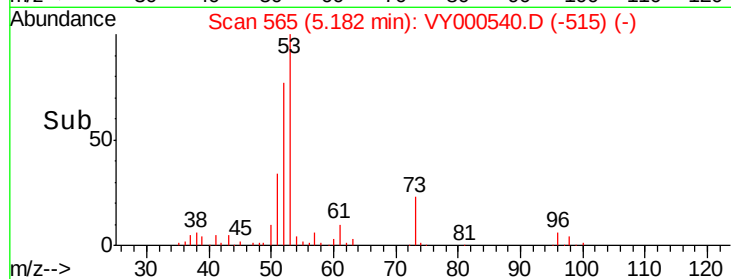
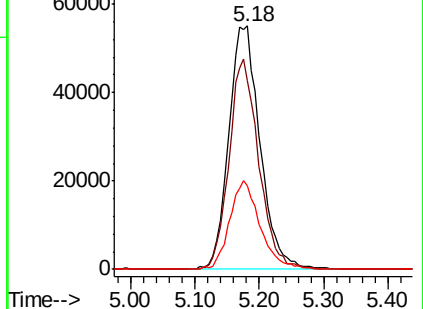
51 35.4 27.6 41.4



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: 270.283 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000540.D

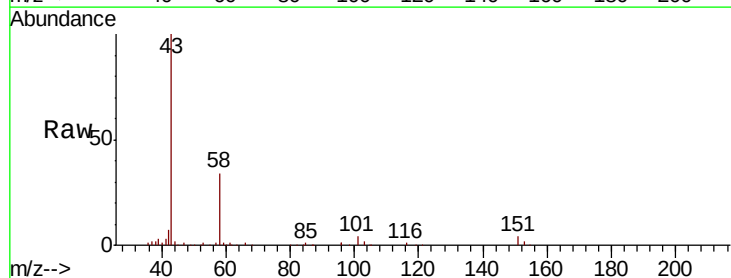
Acq: 06 Nov 2019 10:37

Tgt Ion: 43 Resp: 198139

Ion Ratio Lower Upper

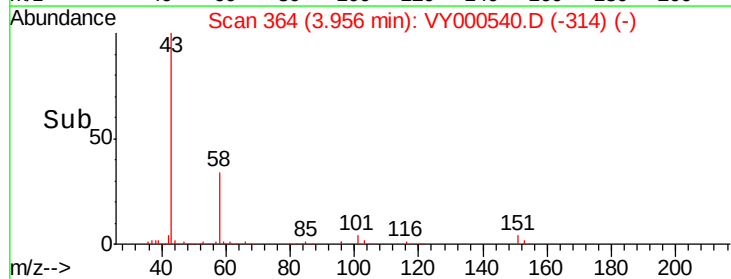
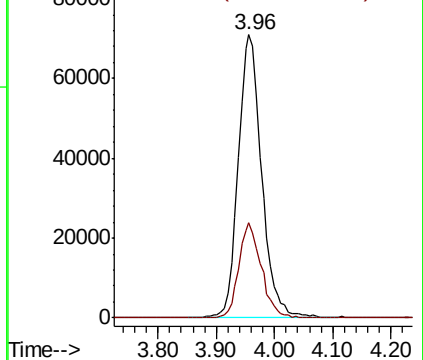
43 100

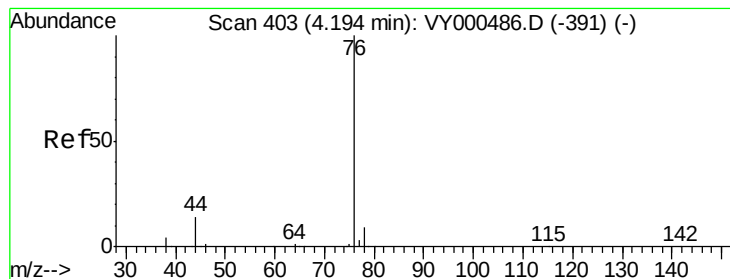
58 33.7 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 47.672 ug/l

RT: 4.19 min Scan# 403

Delta R.T. 0.00 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Instrument :

MSVOA_Y

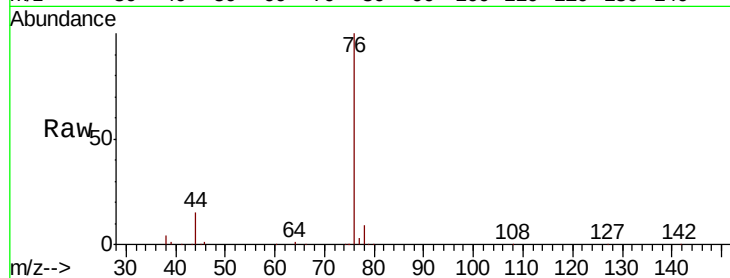
ClientSampleId :

Tot Ion: 76 Resp: 386027

Ion Ratio Lower Upper

76 100

78 8.6 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VY000540.D (-391) (-)

Ion 77.90 (77.60 to 78.60): VY000540.D (-391) (-)

4.19

150000

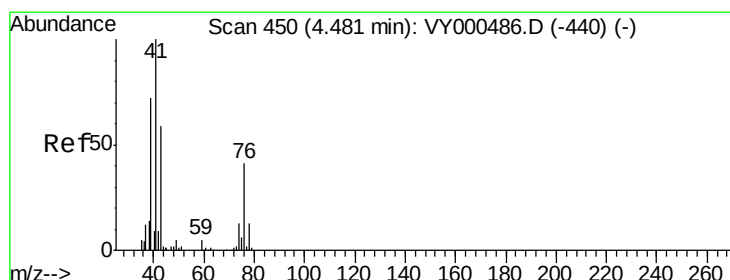
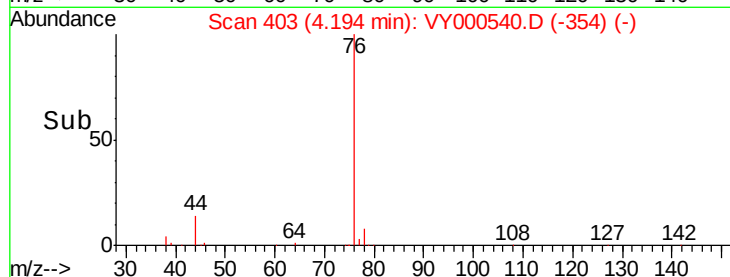
100000

50000

0

4.00 4.10 4.20 4.30 4.40

Time-->



#18

Methyl Acetate

Concen: 47.214 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY000540.D

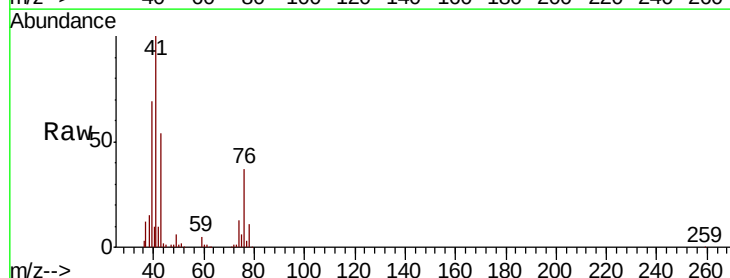
Acq: 06 Nov 2019 10:37

Tgt Ion: 43 Resp: 107619

Ion Ratio Lower Upper

43 100

74 22.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.30): VY000540.D (-440) (-)

Ion 74.00 (73.70 to 74.30): VY000540.D (-440) (-)

4.49

40000

30000

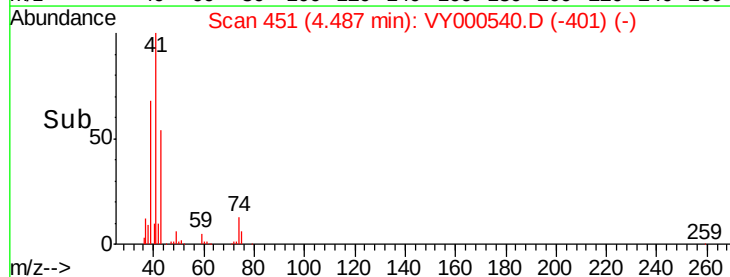
20000

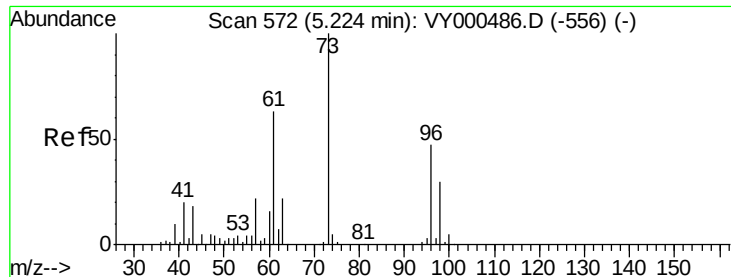
10000

0

4.40 4.50 4.60

Time-->

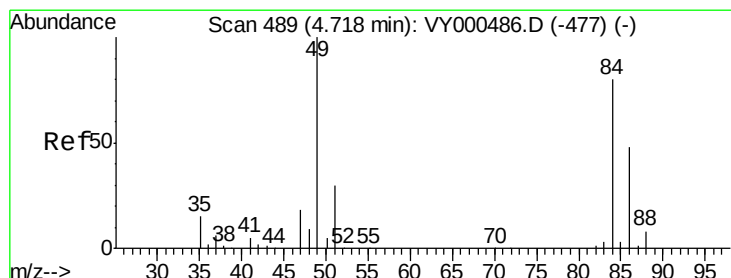
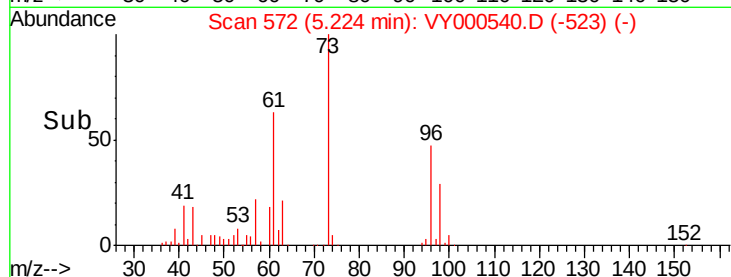
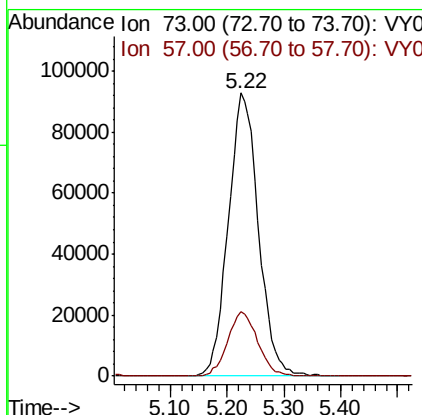
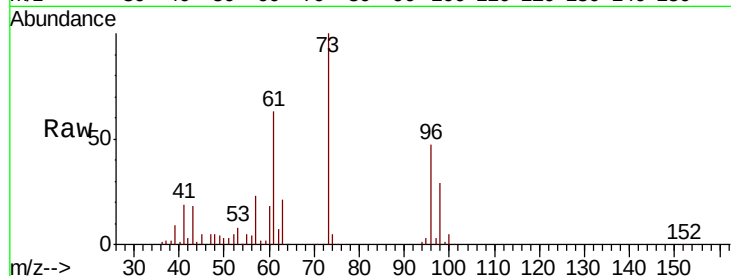




#19
Methyl tert-butyl Ether
Concen: 47.864 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

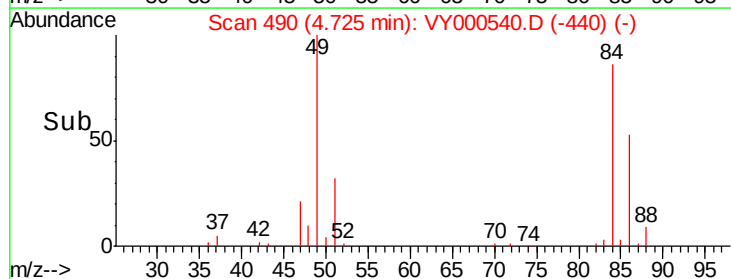
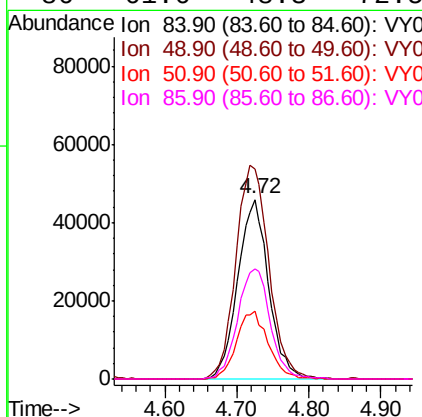
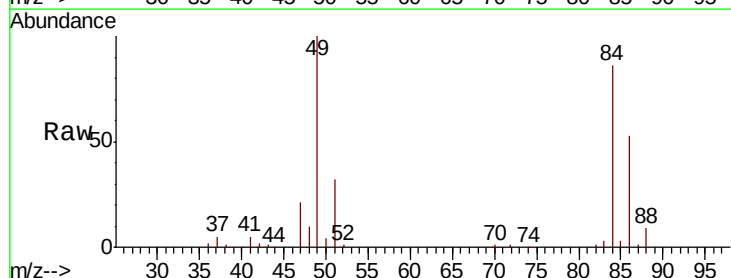
Instrument :
MSVOA_Y
ClientSampled :

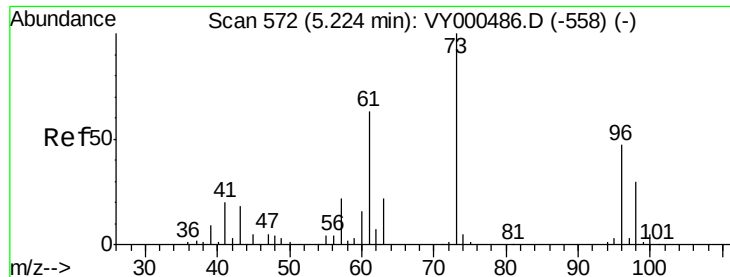
Tot Ion: 73 Resp: 341667
Ion Ratio Lower Upper
73 100
57 22.8 17.4 26.0



#20
Methylene Chloride
Concen: 43.353 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion: 84 Resp: 136179
Ion Ratio Lower Upper
84 100
49 116.9 100.2 150.4
51 37.7 29.6 44.4
86 61.6 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 47.818 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Instrument :
MSVOA_Y
ClientSampled :

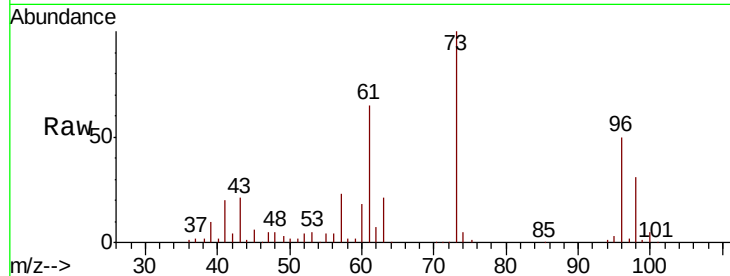
Tot Ion: 96 Resp: 138790

Ion Ratio Lower Upper

96 100

61 129.8 106.6 160.0

98 61.1 50.6 76.0

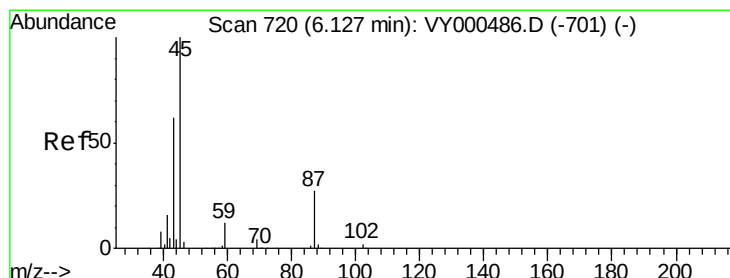
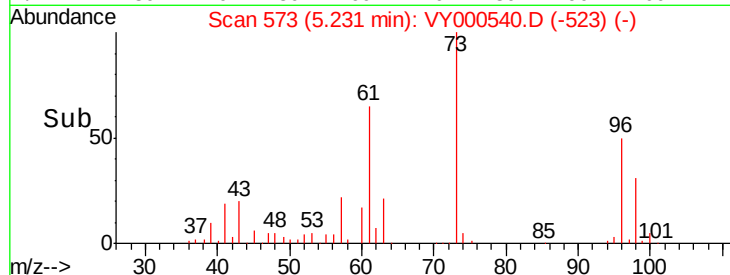
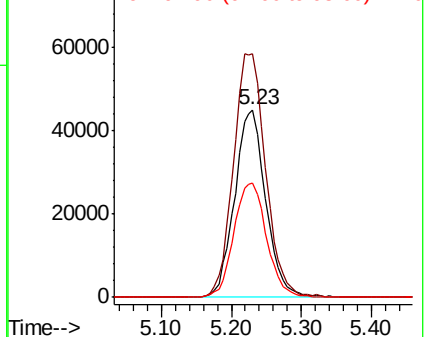


Abundance

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



#22

Diisopropyl ether

Concen: 49.768 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Tgt Ion: 45 Resp: 451585

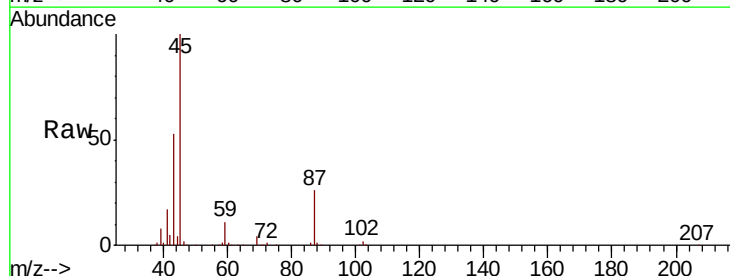
Ion Ratio Lower Upper

45 100

43 52.5 50.0 75.0

87 25.6 21.6 32.4

59 11.2 9.5 14.3



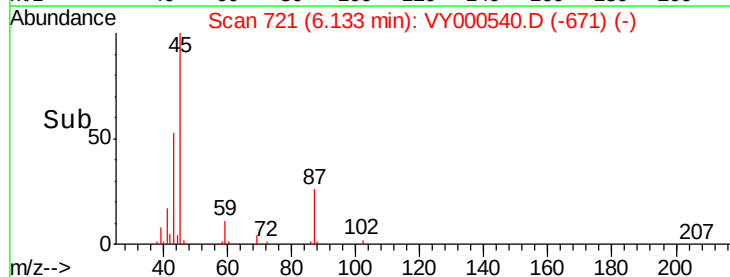
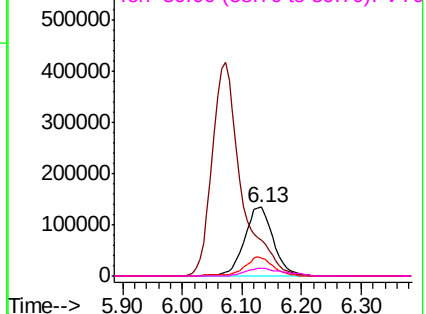
Abundance

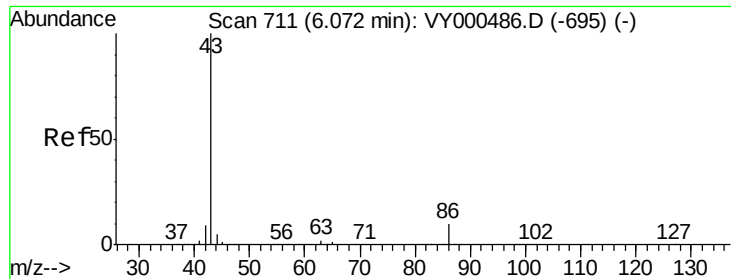
Ion 45.00 (44.70 to 45.70): VY0

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: 245.166 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Instrument :

MSVOA_Y

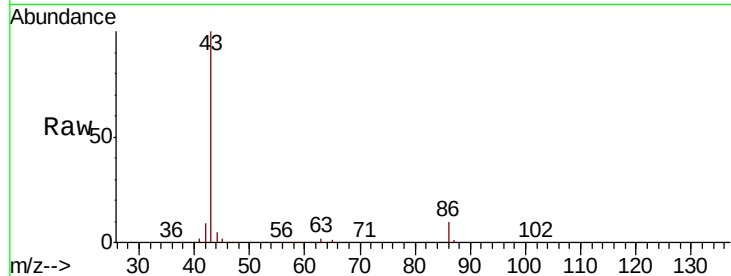
ClientSampleId :

Tot Ion: 43 Resp: 1404285

Ion Ratio Lower Upper

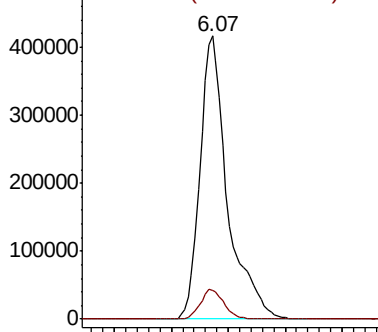
43 100

86 10.2 7.8 11.6

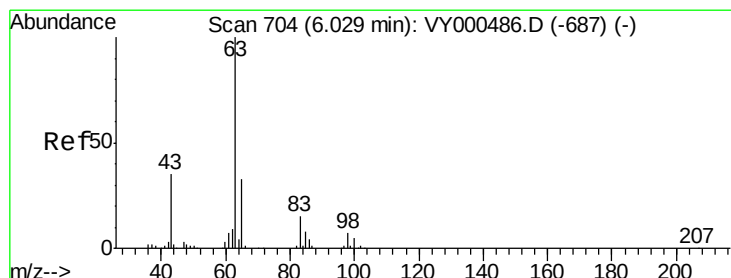
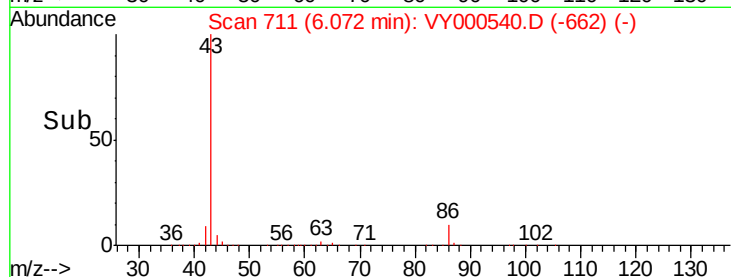


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time-->



#24

1,1-Dichloroethane

Concen: 48.359 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

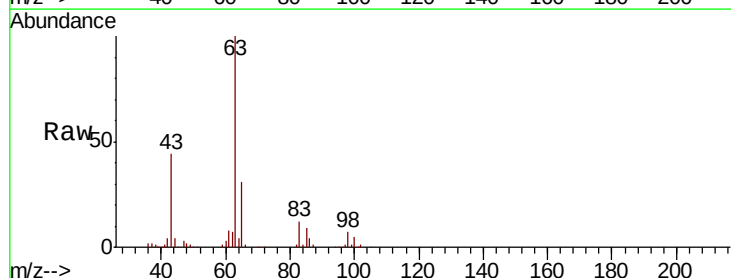
Tgt Ion: 63 Resp: 237720

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.6

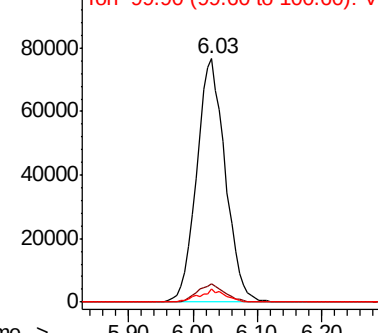
100 5.2 2.4 7.1



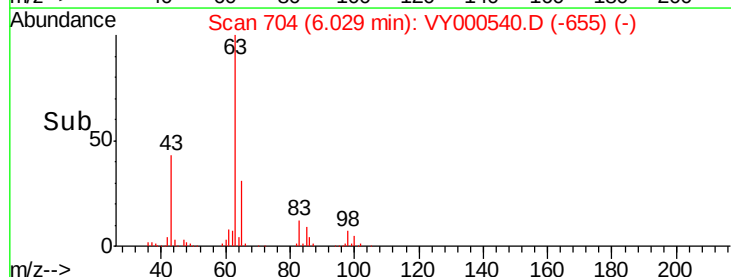
Abundance Ion 62.90 (62.60 to 63.60): VY0

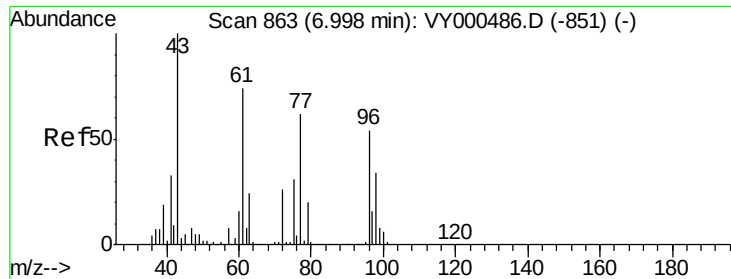
Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



Time-->





#25

2-Butanone

Concen: 256.414 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

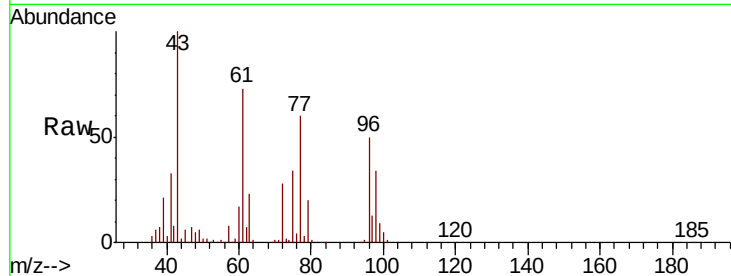
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 299991

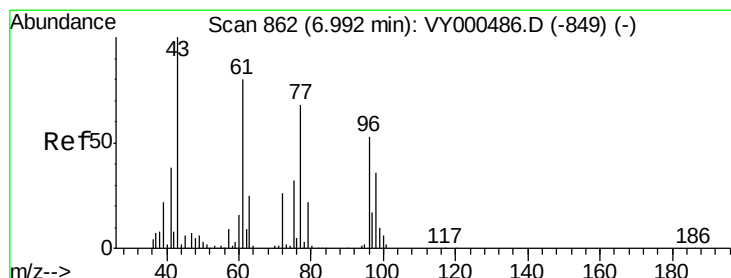
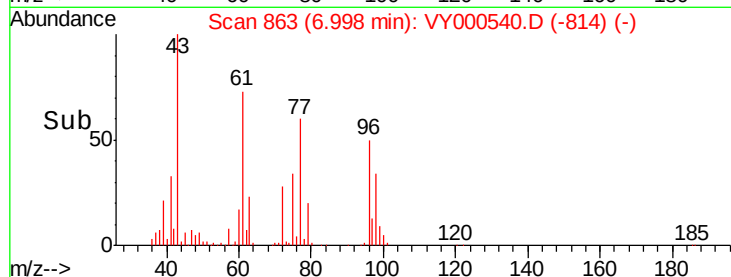
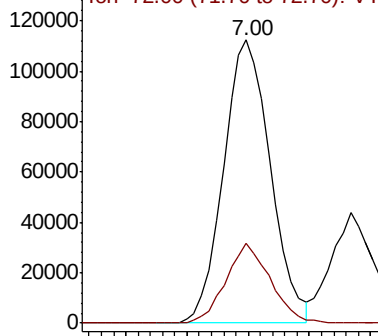
Ion Ratio Lower Upper

43 100

72 28.1 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 48.877 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000540.D

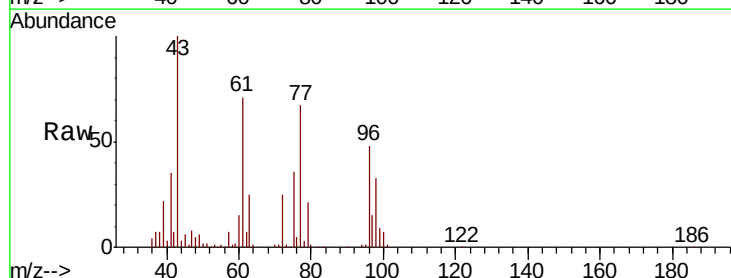
Acq: 06 Nov 2019 10:37

Tgt Ion: 77 Resp: 219571

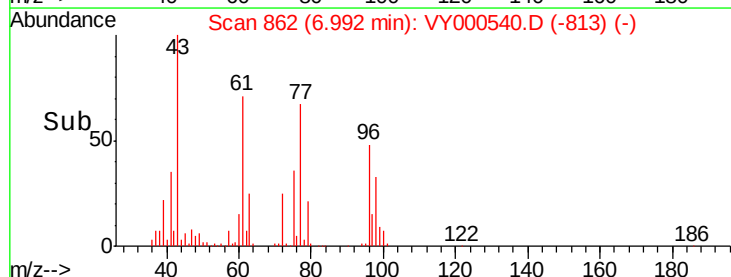
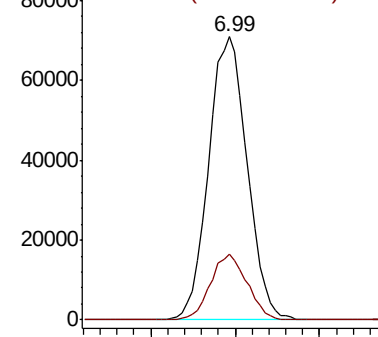
Ion Ratio Lower Upper

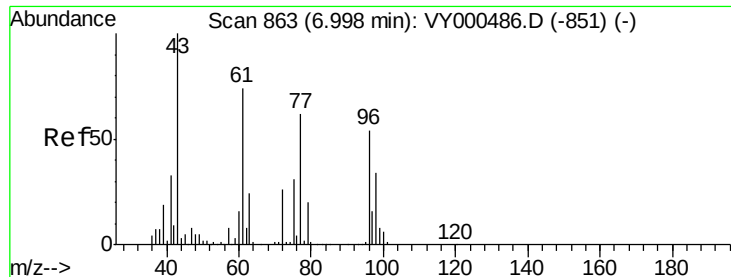
77 100

97 22.1 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VY0
Ion 96.90 (96.60 to 97.60): VY0



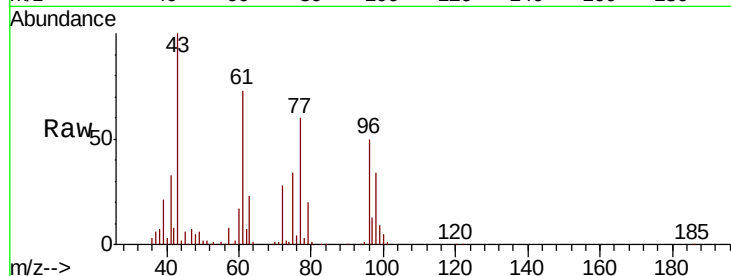


#27

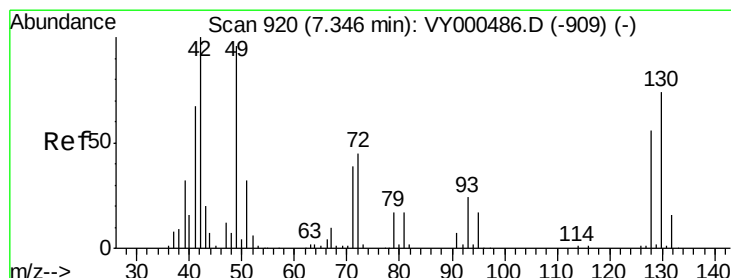
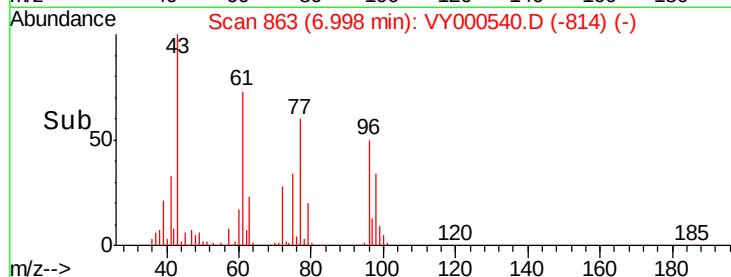
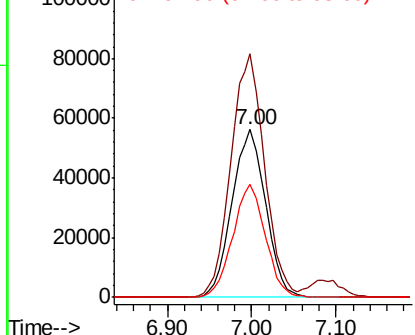
cis-1,2-Dichloroethene
Concen: 47.783 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 151653
Ion Ratio Lower Upper
96 100
61 145.2 0.0 287.0
98 65.0 0.0 129.4



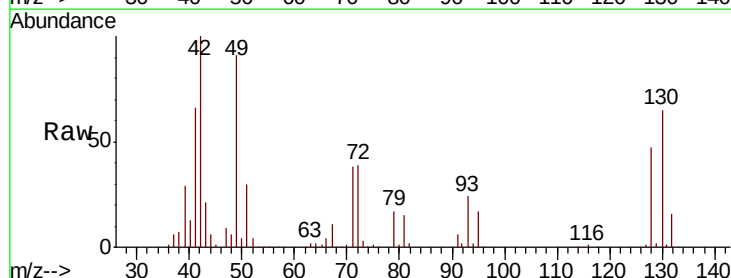
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



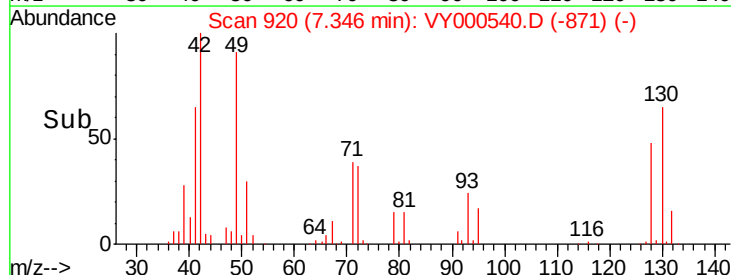
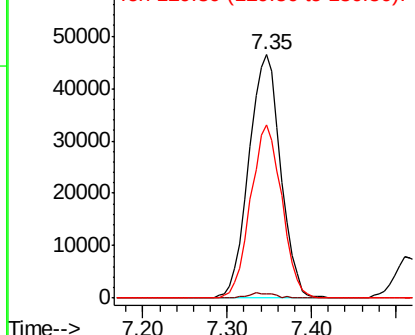
#28

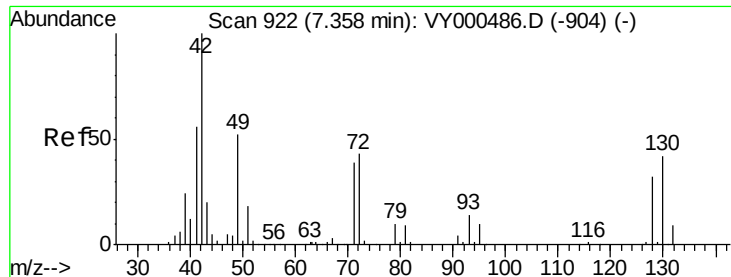
Bromochloromethane
Concen: 52.812 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion: 49 Resp: 118960
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.6
130 70.0 59.4 89.0



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

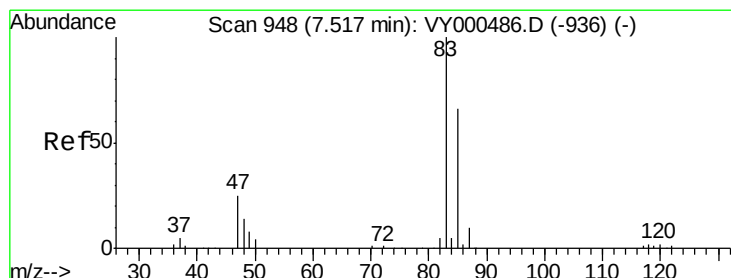
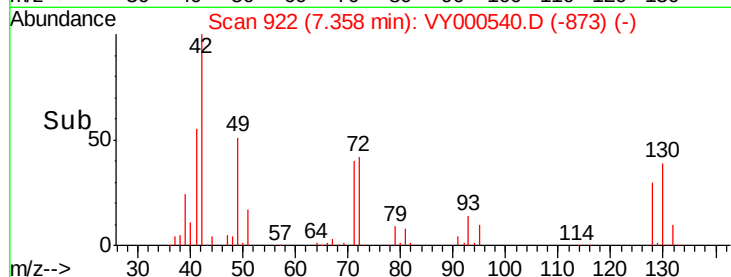
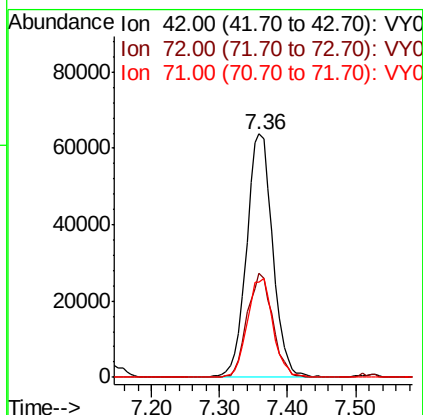
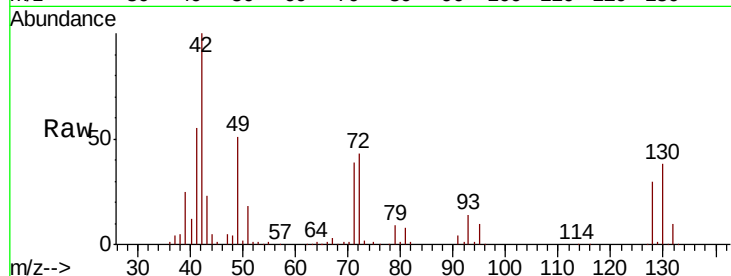




#29
Tetrahydrofuran
Concen: 238.854 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

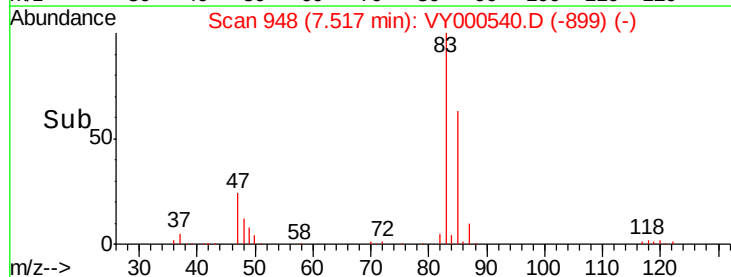
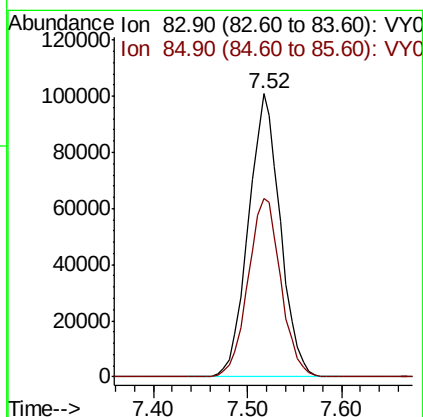
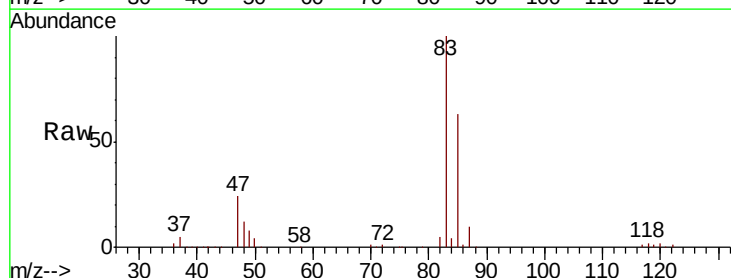
Instrument :
MSVOA_Y
ClientSampleId :

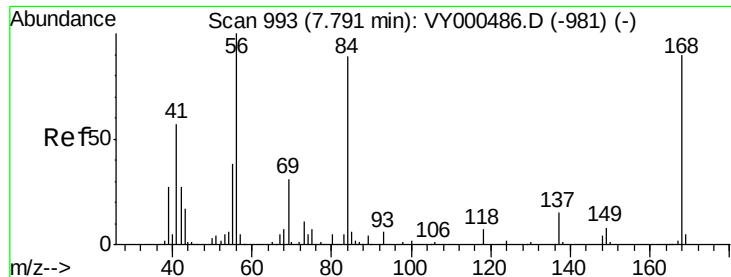
Tot Ion: 42 Resp: 170955
Ion Ratio Lower Upper
42 100
72 41.6 34.0 51.0
71 39.8 30.8 46.2



#30
Chloroform
Concen: 48.024 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion: 83 Resp: 238810
Ion Ratio Lower Upper
83 100
85 63.1 53.0 79.4

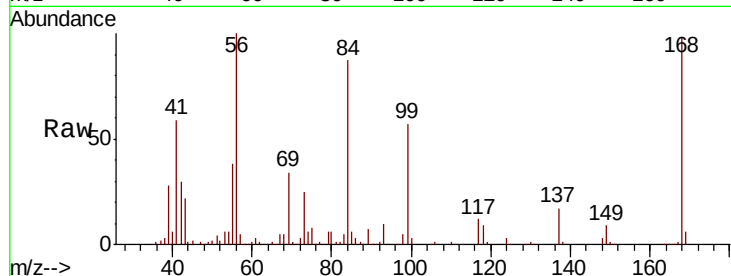




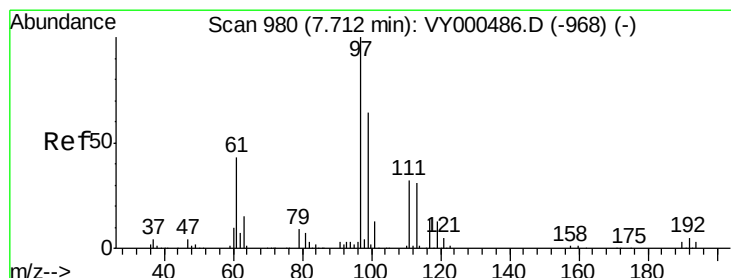
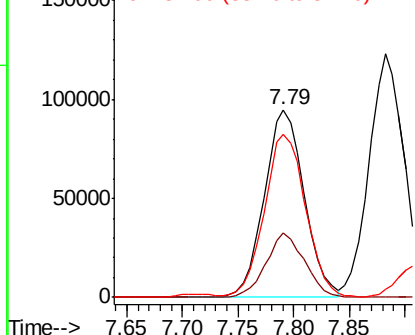
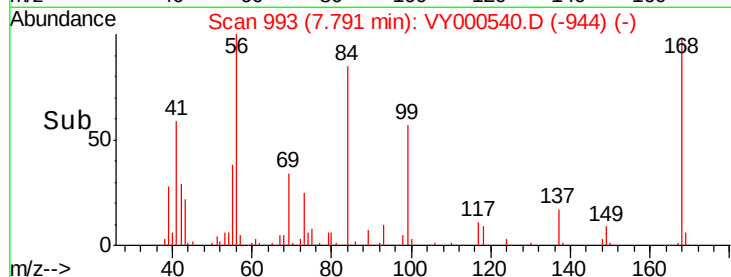
#31
Cyclohexane
Concen: 46.016 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 236915
Ion Ratio Lower Upper
56 100
69 34.3 25.0 37.6
84 85.1 71.4 107.2

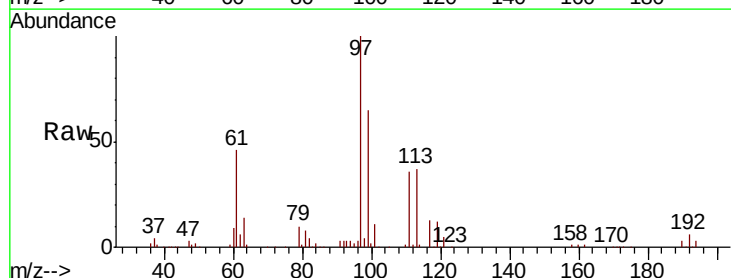


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

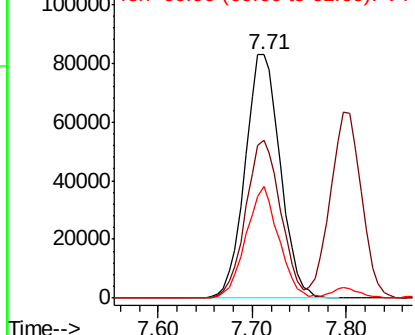
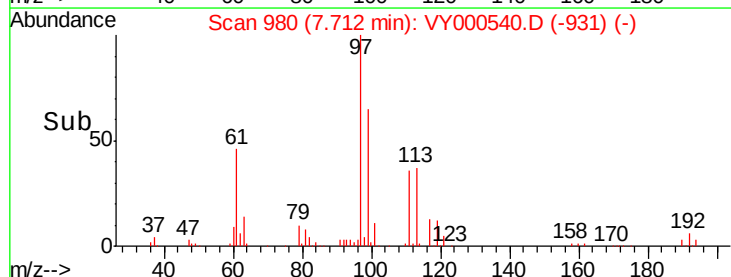


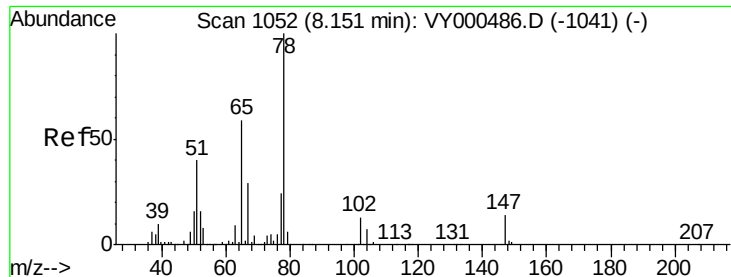
#32
1,1,1-Trichloroethane
Concen: 49.067 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion: 97 Resp: 217457
Ion Ratio Lower Upper
97 100
99 64.3 50.9 76.3
61 42.9 34.9 52.3



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

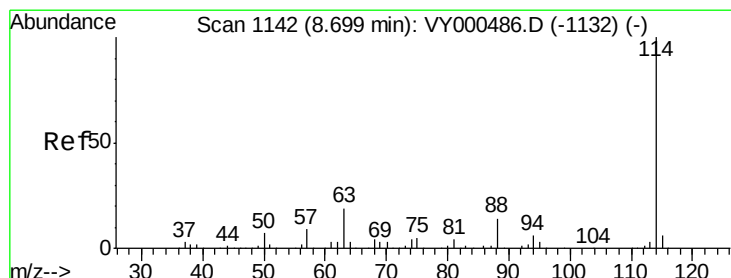
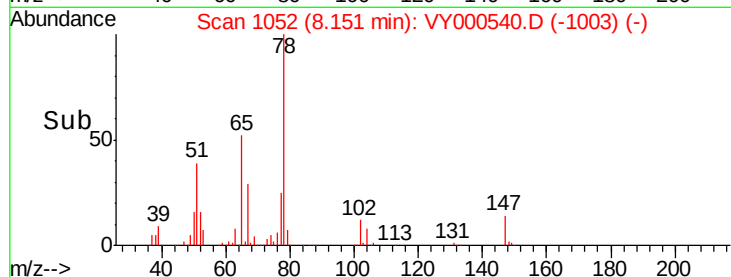
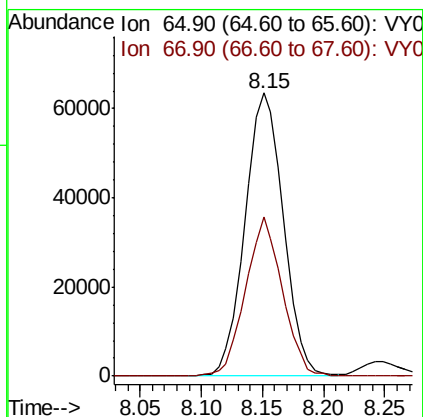
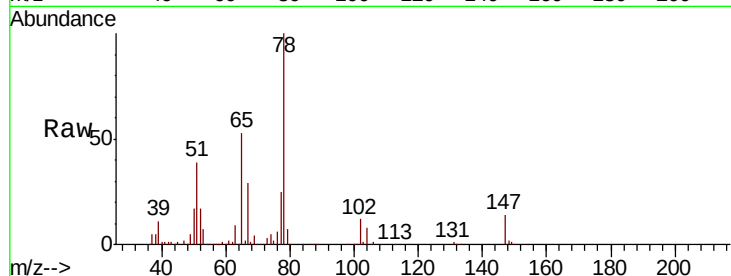




#33
 1,2-Dichloroethane-d4
 Concen: 52.254 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

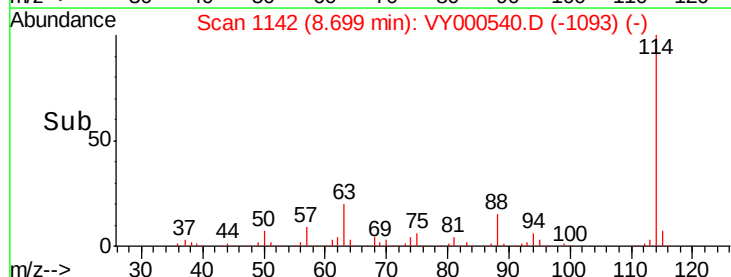
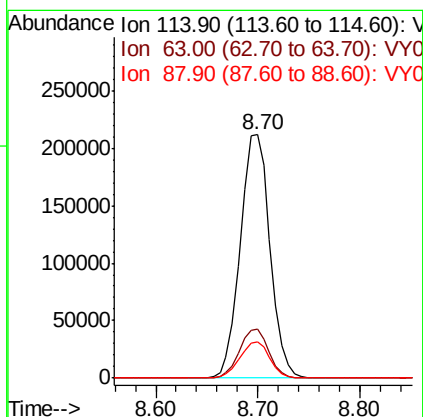
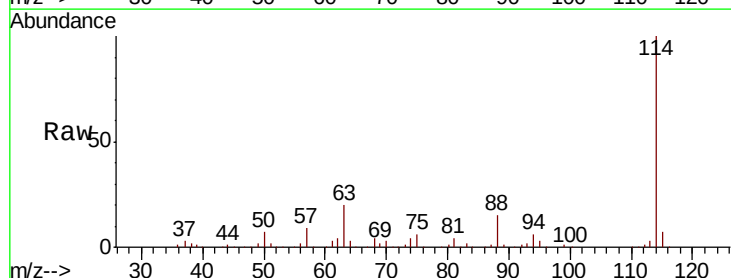
Instrument :
 MSVOA_Y
 ClientSampleId :

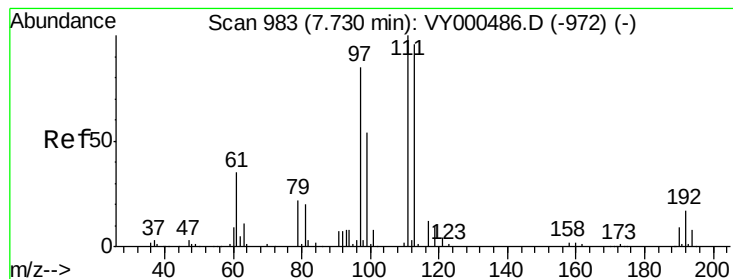
Tot Ion: 65 Resp: 138986
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

Tgt Ion: 114 Resp: 427985
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.0
 88 15.1 0.0 28.6





#35

Dibromofluoromethane

Concen: 50.666 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Instrument :

MSVOA_Y

ClientSampleId :

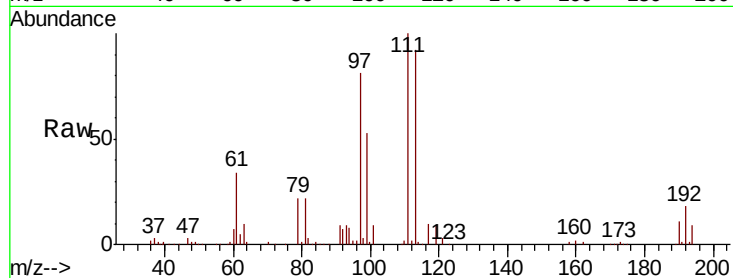
Tot Ion:113 Resp: 127302

Ion Ratio Lower Upper

113 100

111 101.9 81.7 122.5

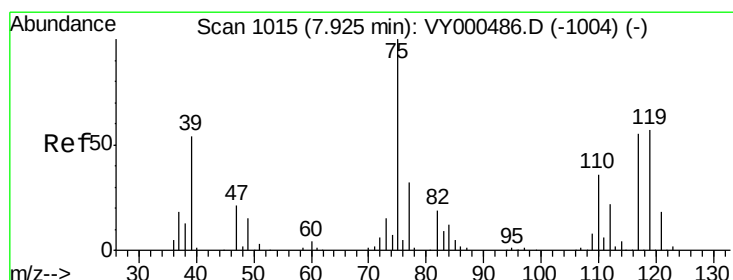
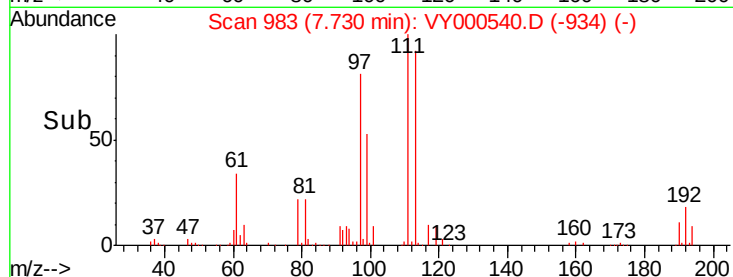
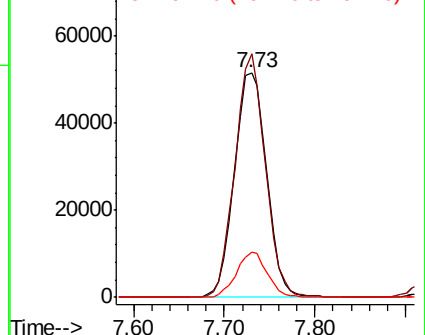
192 19.1 15.0 22.4



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: 48.864 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

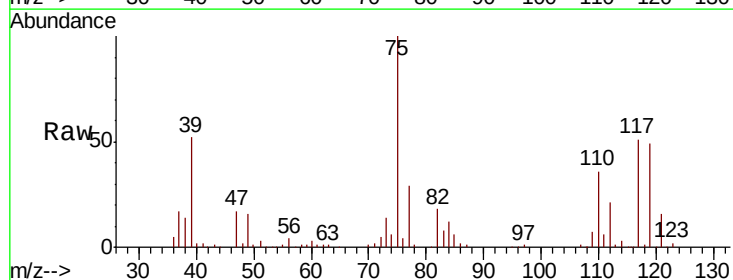
Tgt Ion: 75 Resp: 197701

Ion Ratio Lower Upper

75 100

110 35.6 18.1 54.1

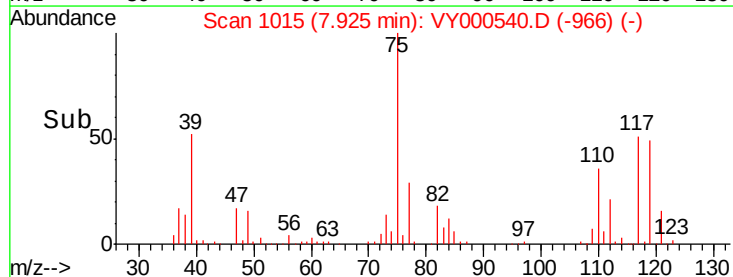
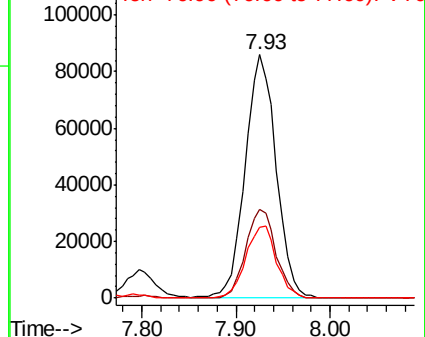
77 29.8 25.0 37.6

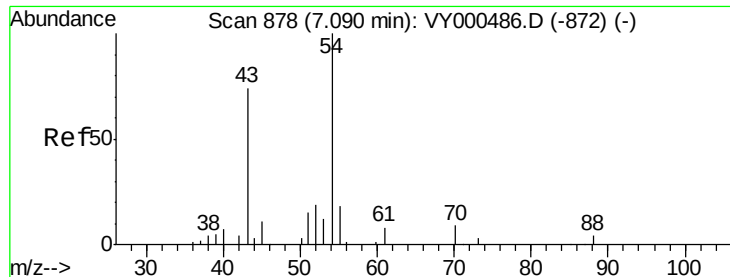


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

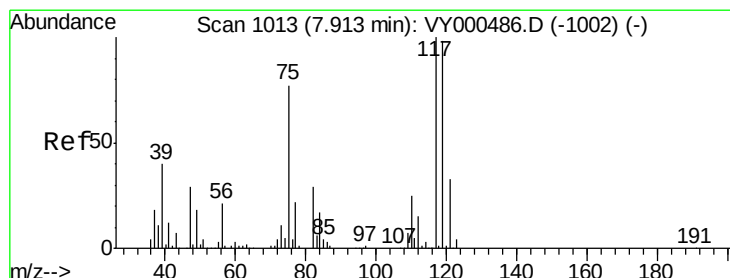
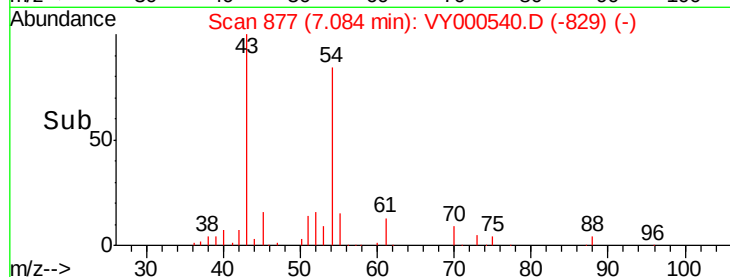
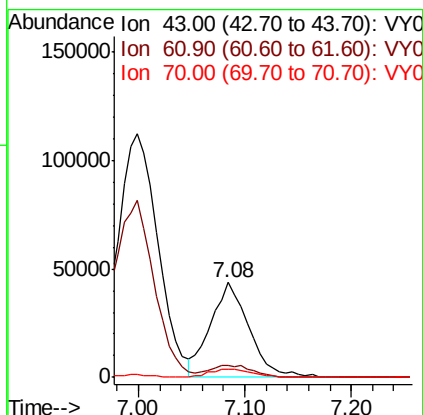
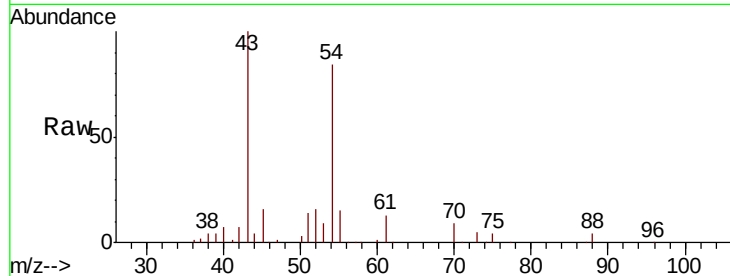




#37
Ethyl Acetate
Concen: 45.733 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

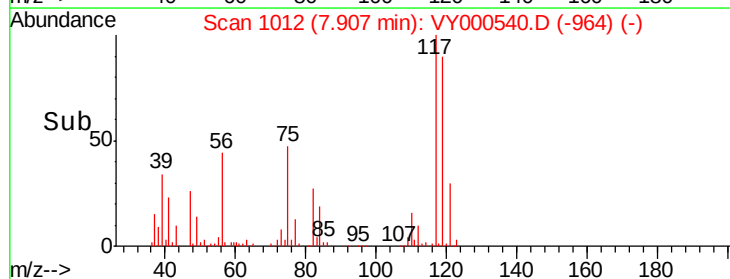
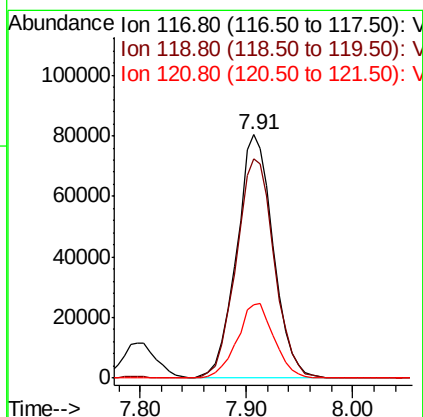
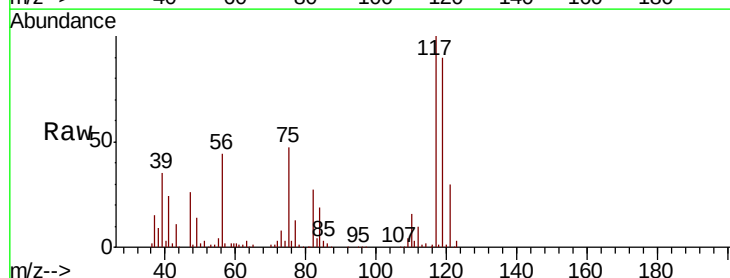
Instrument :
MSVOA_Y
ClientSampled :

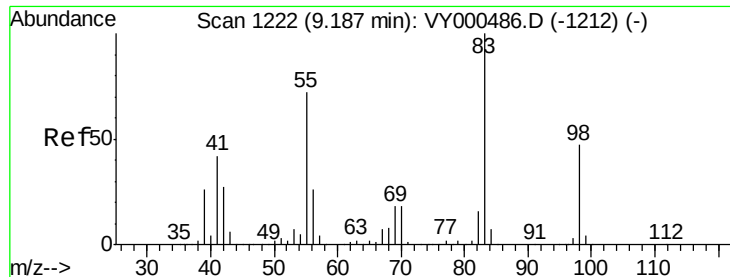
Tot Ion: 43 Resp: 109855
Ion Ratio Lower Upper
43 100
61 14.6 10.2 15.2
70 9.7 7.8 11.8



#38
Carbon Tetrachloride
Concen: 49.789 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion: 117 Resp: 193836
Ion Ratio Lower Upper
117 100
119 90.3 78.0 117.0
121 29.9 26.6 40.0

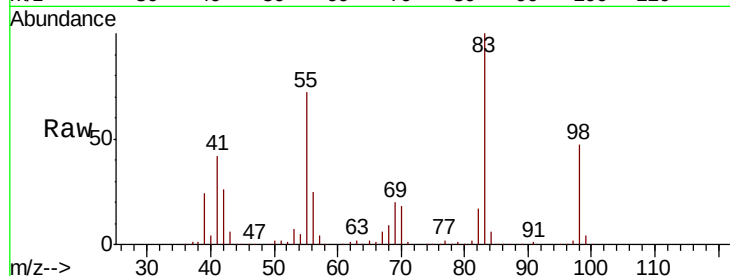




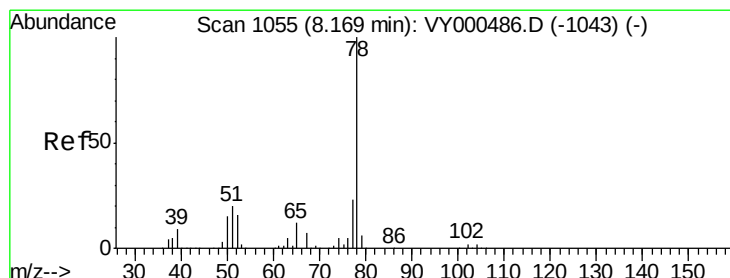
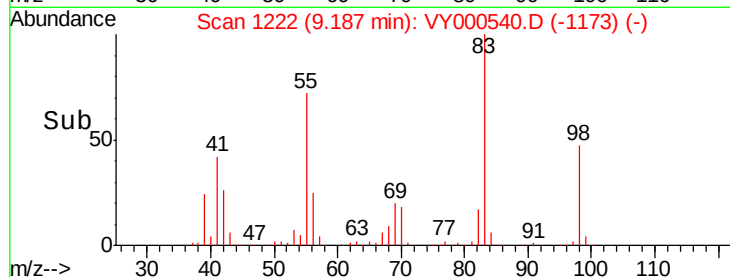
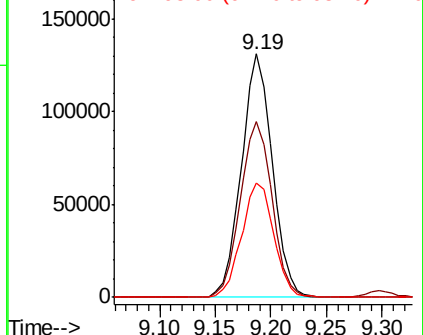
#39
Methylvlcyclohexane
Concen: 48.462 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 253313
Ion Ratio Lower Upper
83 100
55 72.1 57.5 86.3
98 47.1 38.0 57.0

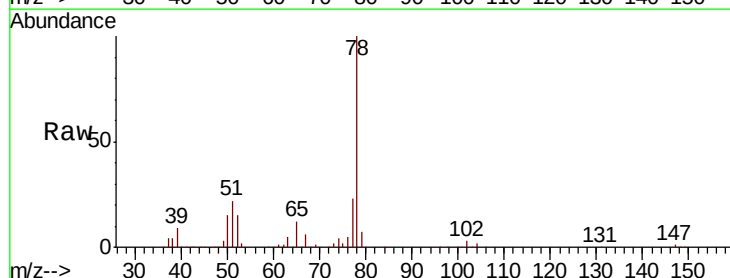


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

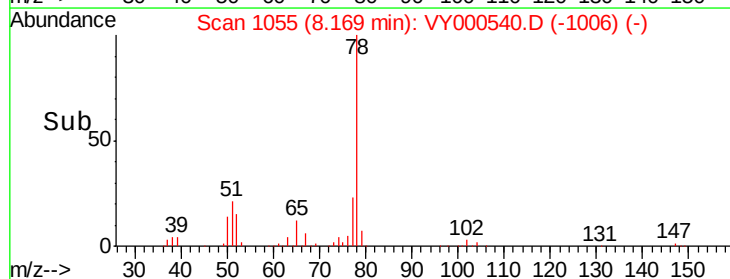
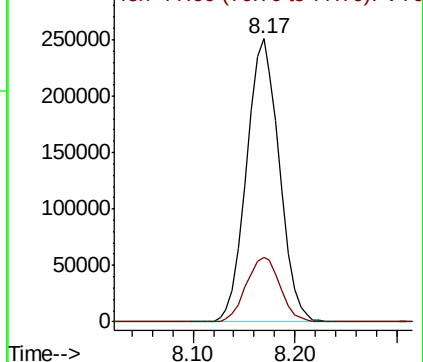


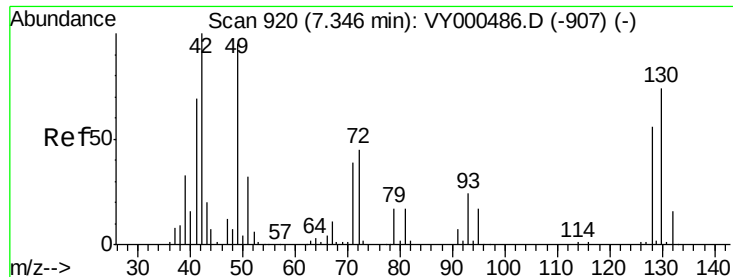
#40
Benzene
Concen: 47.220 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion: 78 Resp: 560115
Ion Ratio Lower Upper
78 100
77 22.8 18.6 28.0



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

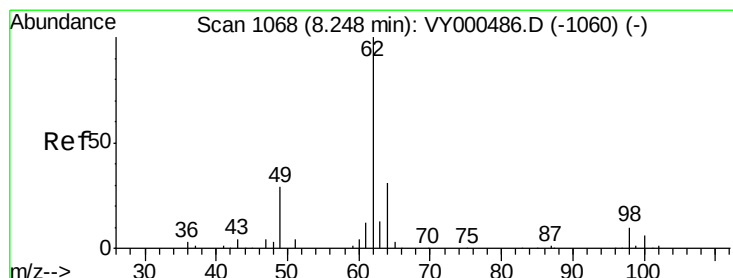
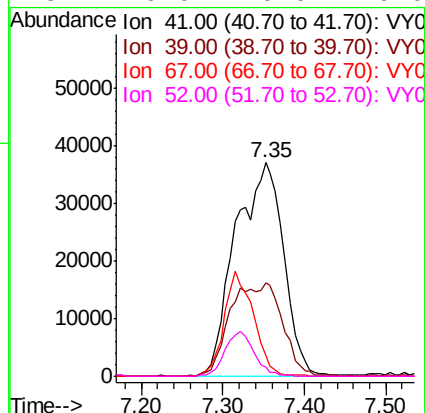
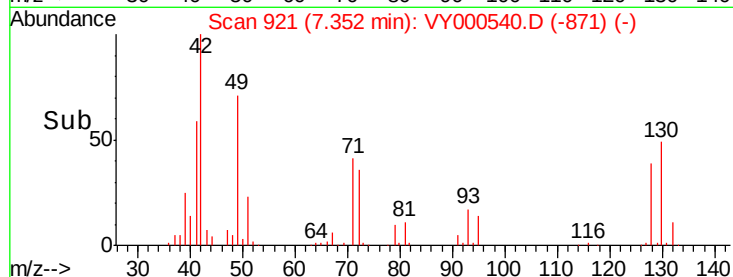
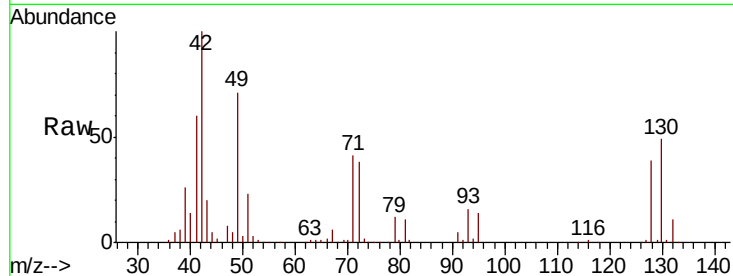




#41
Methacrylonitrile
Concen: 113.239 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

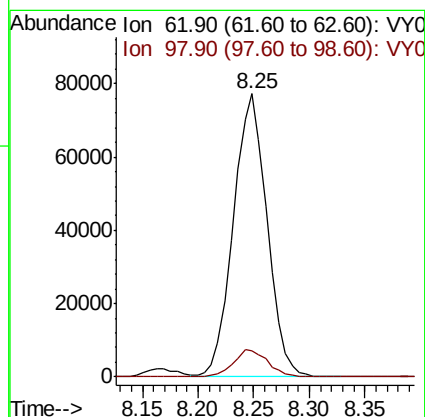
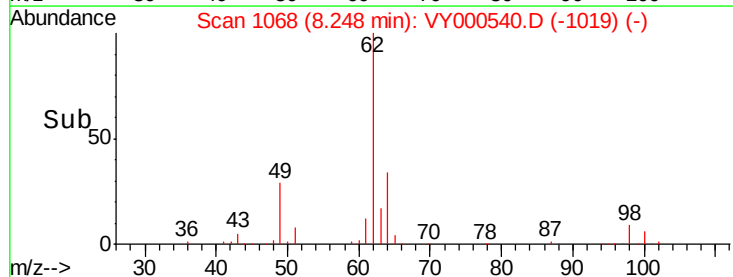
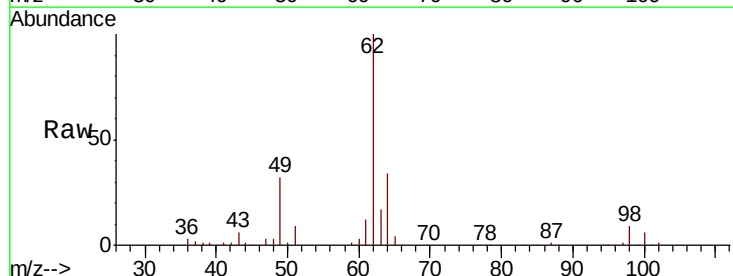
Instrument :
MSVOA_Y
ClientSampled :

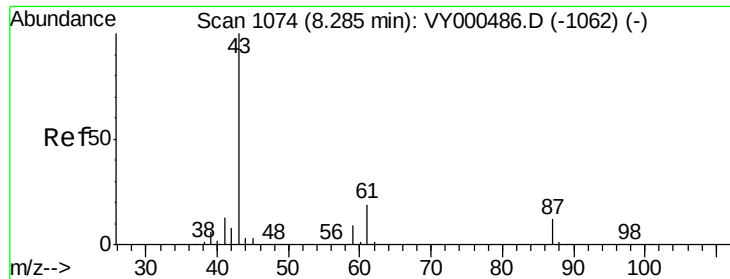
Tot Ion: 41 Resp: 151744
Ion Ratio Lower Upper
41 100
39 0.0 68.2 102.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 48.092 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion: 62 Resp: 161798
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.2





#43

Isopropyl Acetate

Concen: 47.974 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Instrument :

MSVOA_Y

ClientSampleId :

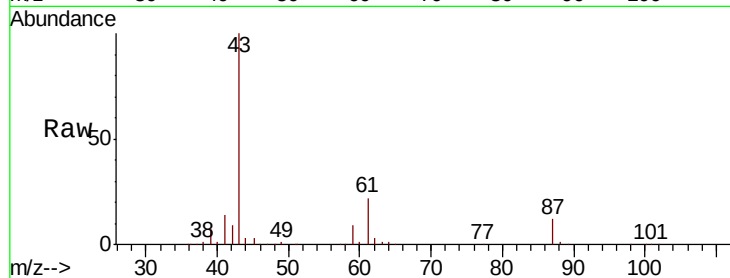
Tot Ion: 43 Resp: 216478

Ion Ratio Lower Upper

43 100

61 28.5 23.0 34.4

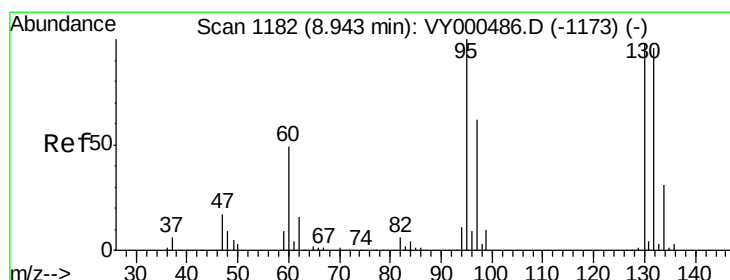
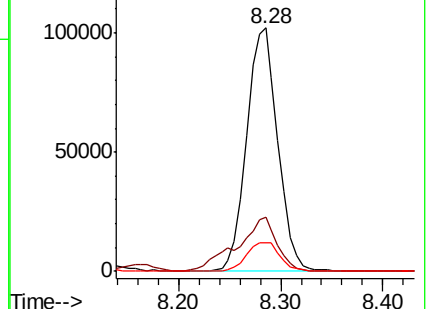
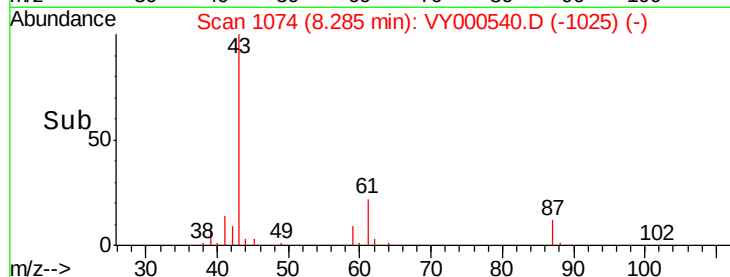
87 12.7 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VY000540.D (-1062) (-)

Ion 61.00 (60.70 to 61.70): VY000540.D (-1062) (-)

Ion 87.00 (86.70 to 87.70): VY000540.D (-1062) (-)



#44

Trichloroethene

Concen: 48.090 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY000540.D

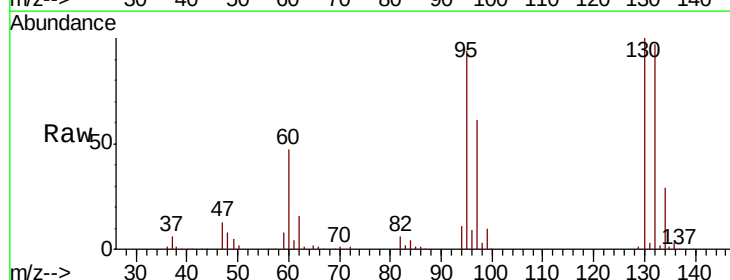
Acq: 06 Nov 2019 10:37

Tgt Ion:130 Resp: 150403

Ion Ratio Lower Upper

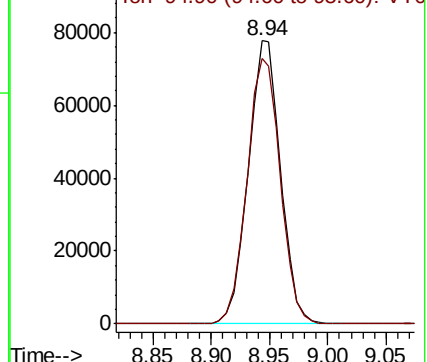
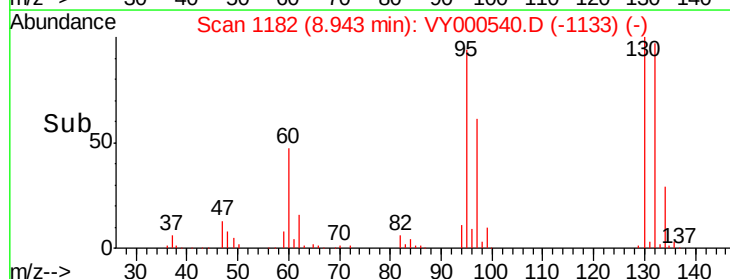
130 100

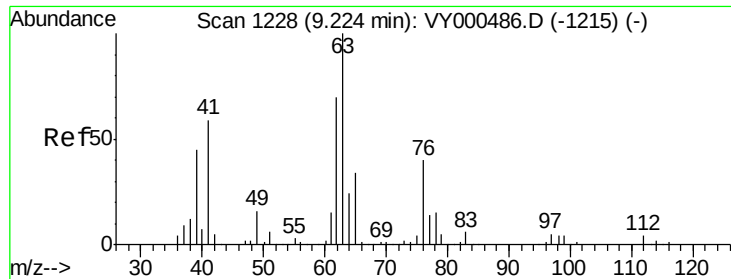
95 93.7 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): VY000540.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY000540.D (-1173) (-)

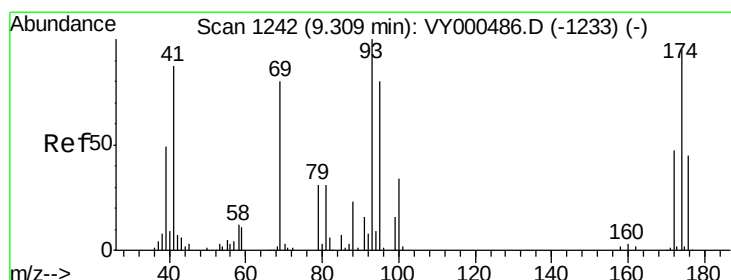
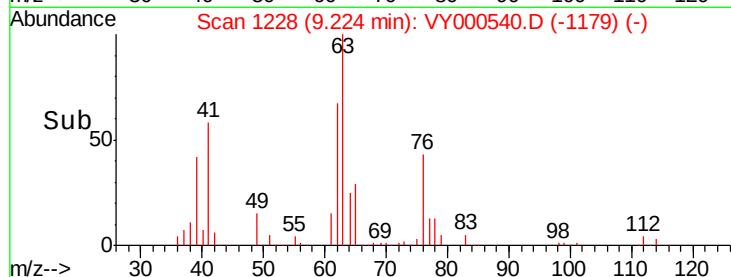
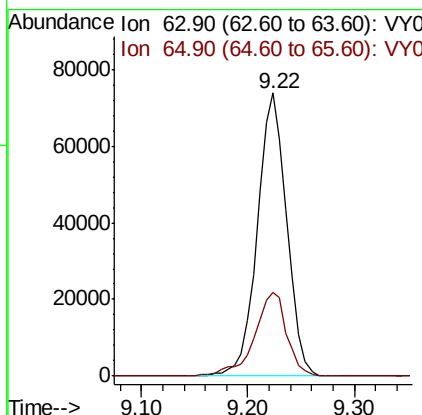
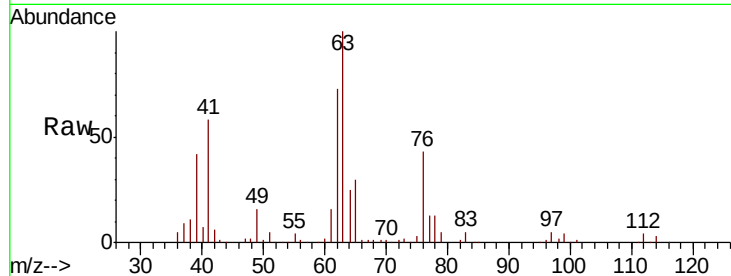




#45
 1,2-Dichloropropane
 Concen: 48.756 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

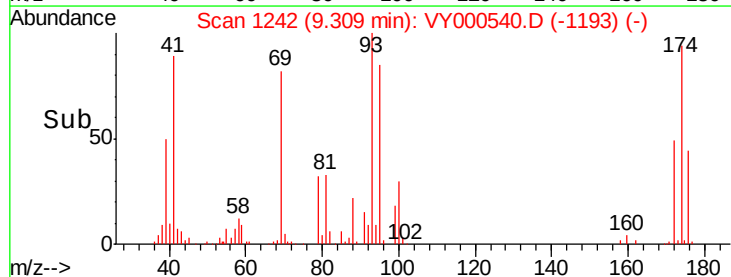
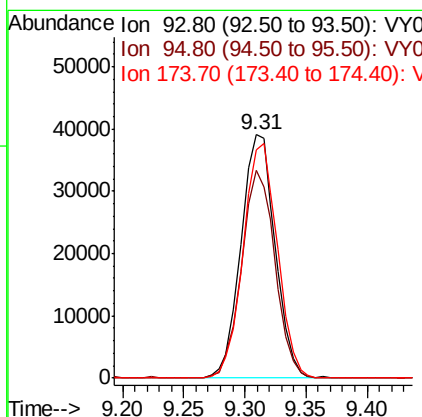
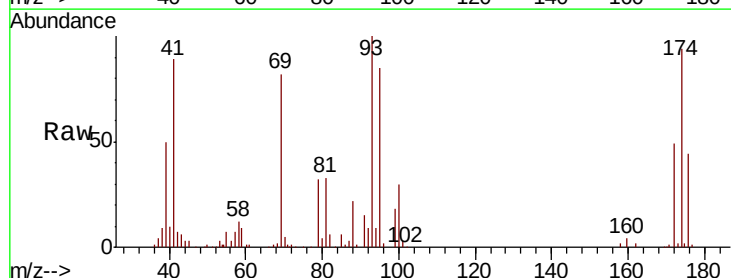
Instrument :
 MSVOA_Y
 ClientSampleId :

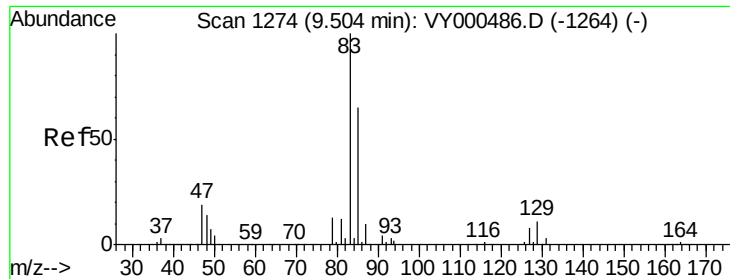
Tot Ion: 63 Resp: 142338
 Ion Ratio Lower Upper
 63 100
 65 29.8 27.0 40.4



#46
 Dibromomethane
 Concen: 47.170 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

Tgt Ion: 93 Resp: 75735
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.4 99.6
 174 96.6 77.1 115.7

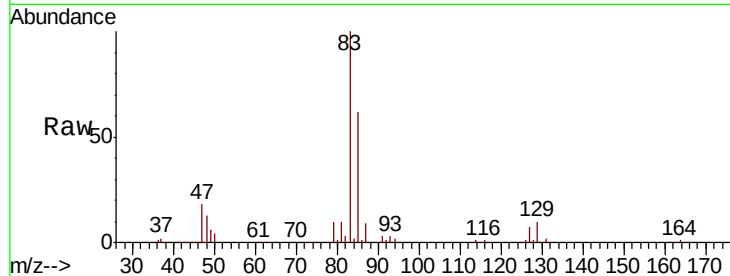




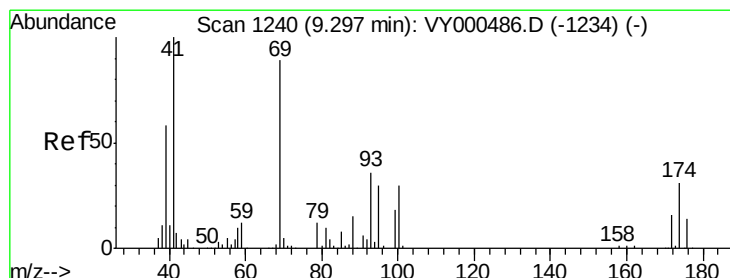
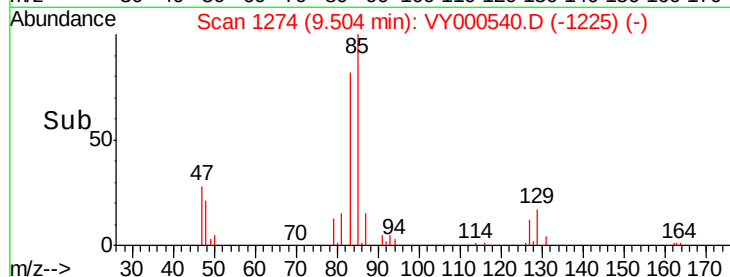
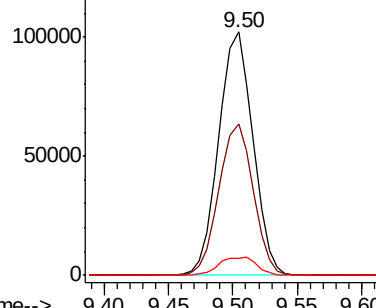
#47
Bromodichloromethane
Concen: 49.186 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 83 Resp: 187385
Ion Ratio Lower Upper
83 100
85 62.2 51.8 77.8
127 7.2 6.7 10.1

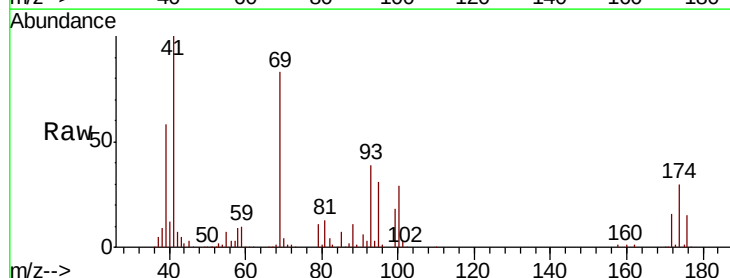


Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V

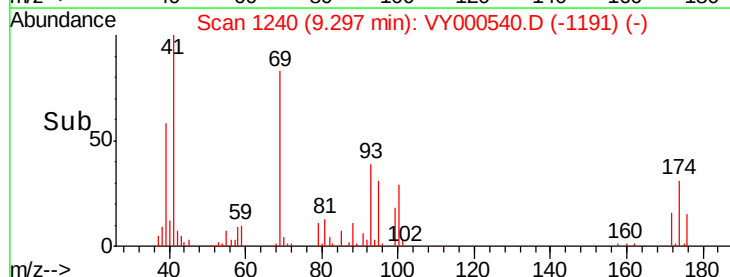
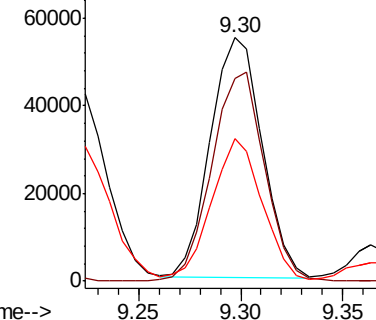


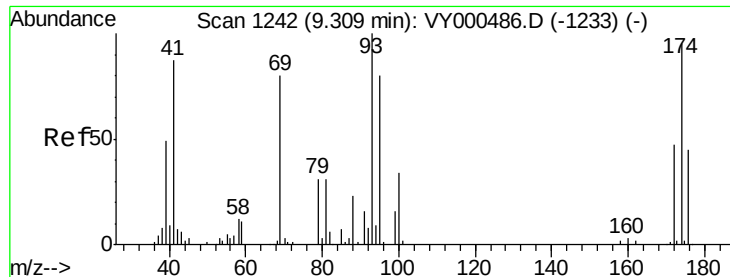
#48
Methyl methacrylate
Concen: 49.143 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion: 41 Resp: 96889
Ion Ratio Lower Upper
41 100
69 88.5 72.5 108.7
39 58.4 47.8 71.8



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

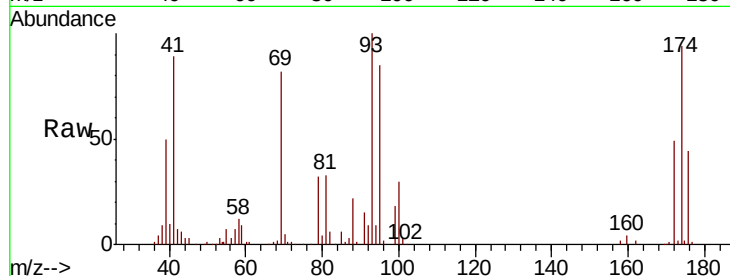




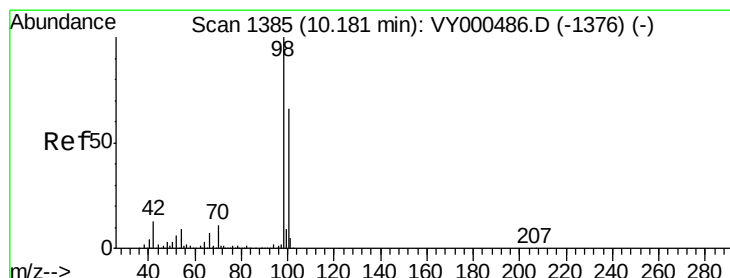
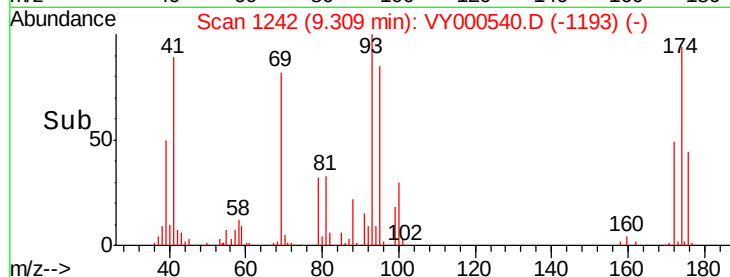
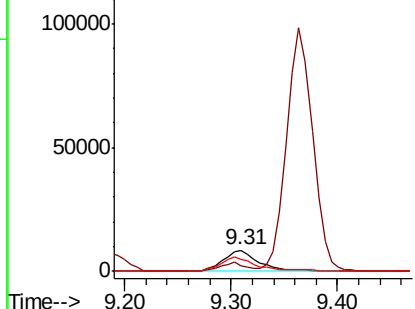
#49
1,4-Dioxane
Concen: 932.872 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 20158
Ion Ratio Lower Upper
88 100
43 31.6 25.1 37.7
58 63.0 50.6 75.8

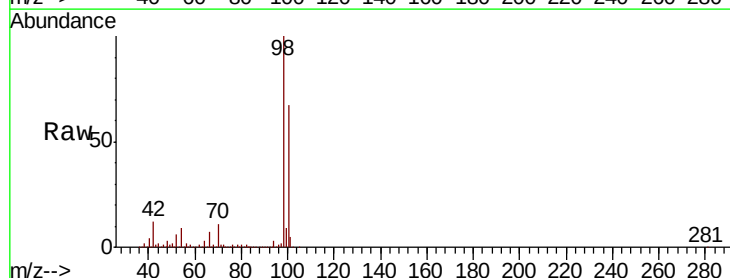


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

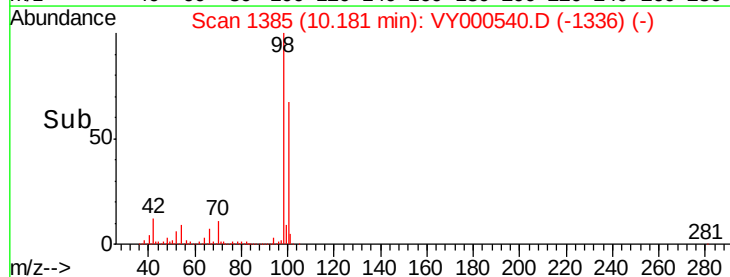
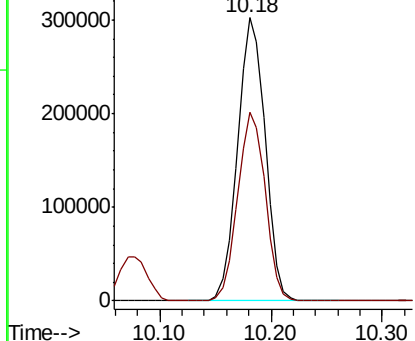


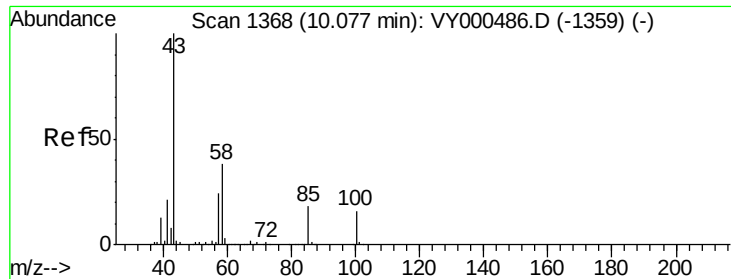
#50
Toluene-d8
Concen: 54.256 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion: 98 Resp: 517268
Ion Ratio Lower Upper
98 100
100 66.6 52.9 79.3



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

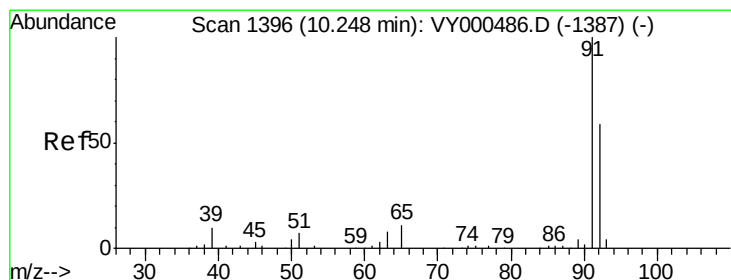
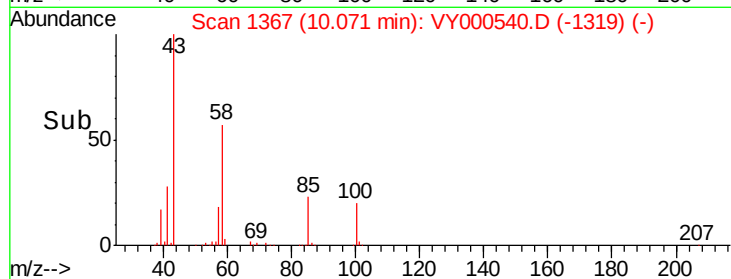
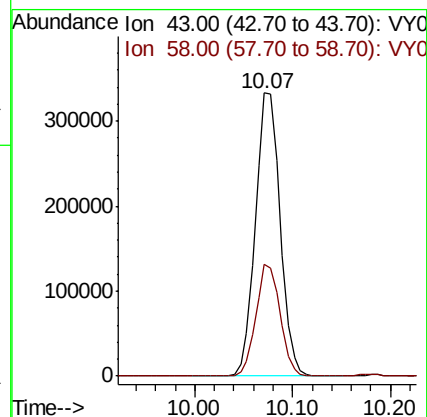
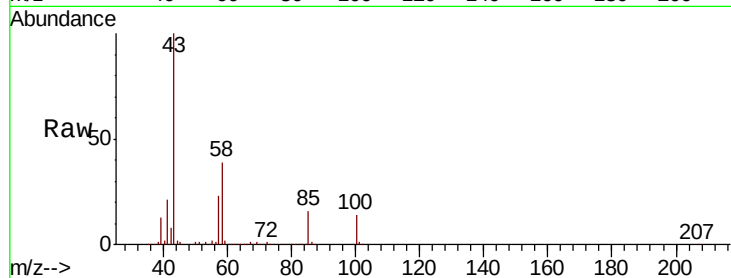




#51
4-Methyl-2-Pentanone
Concen: 243.975 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

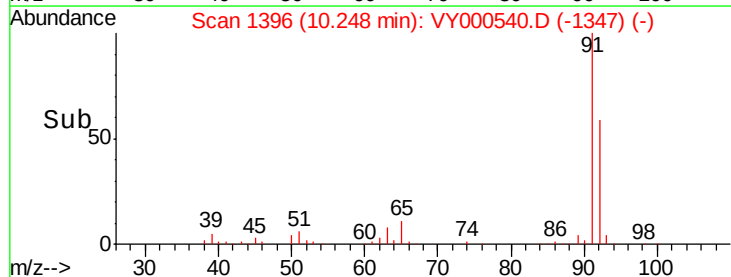
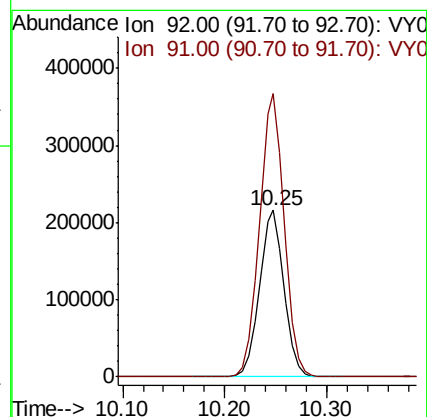
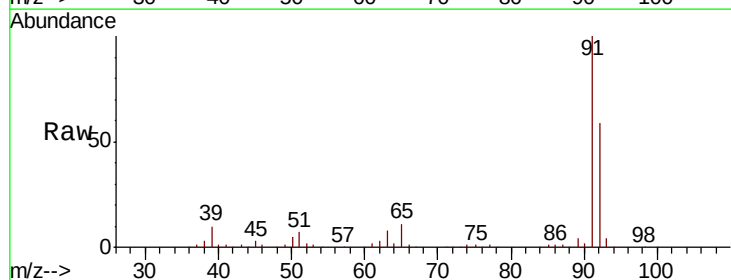
Instrument :
MSVOA_Y
ClientSampleId :

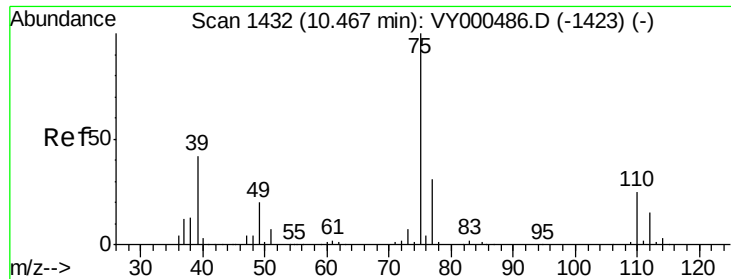
Tot Ion: 43 Resp: 585322
Ion Ratio Lower Upper
43 100
58 38.7 30.2 45.4



#52
Toluene
Concen: 48.248 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion: 92 Resp: 361836
Ion Ratio Lower Upper
92 100
91 171.5 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 50.236 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Instrument :

MSVOA_Y

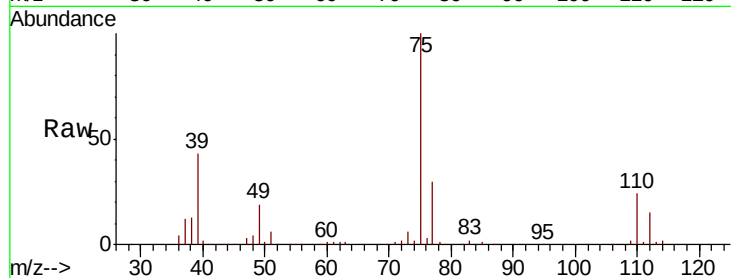
ClientSampled :

Tot Ion: 75 Resp: 204491

Ion Ratio Lower Upper

75 100

77 30.3 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

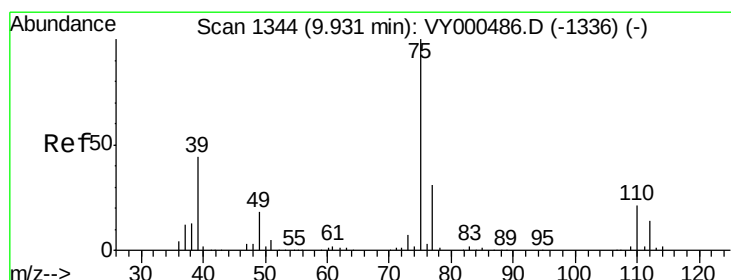
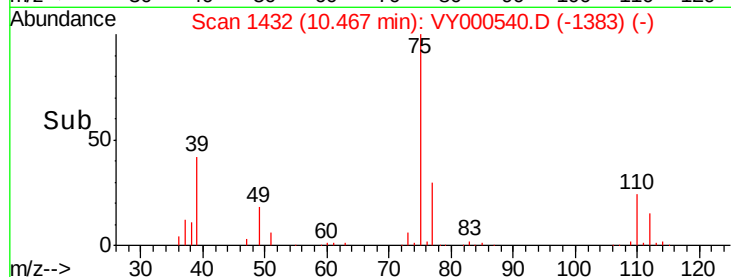
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.032 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

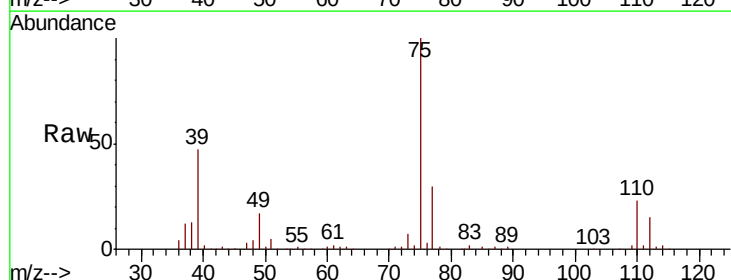
Tgt Ion: 75 Resp: 228654

Ion Ratio Lower Upper

75 100

77 30.3 24.5 36.7

39 47.3 35.4 53.2



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

9.93

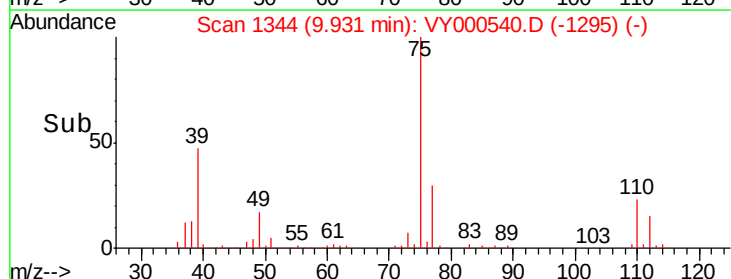
150000

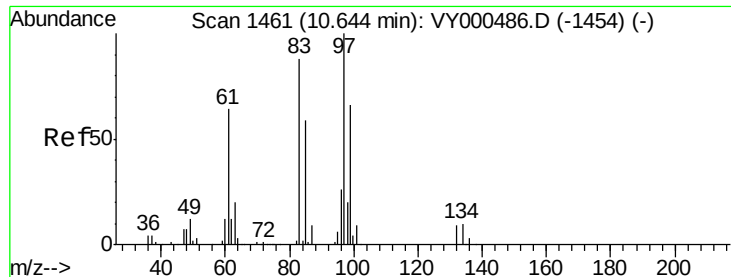
100000

50000

0

Time-->

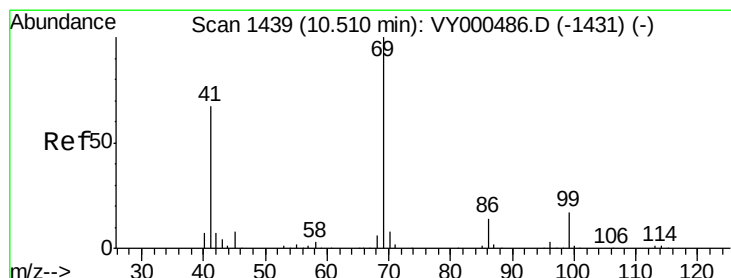
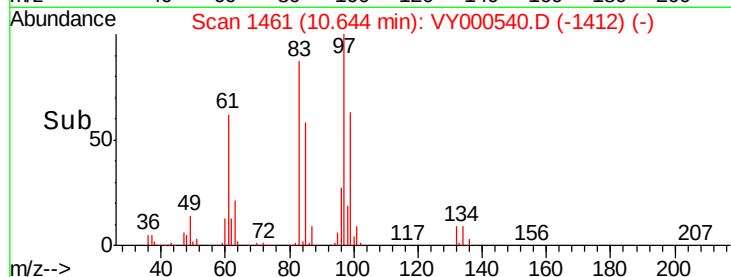
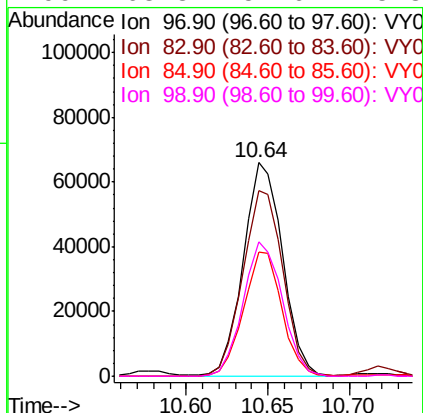
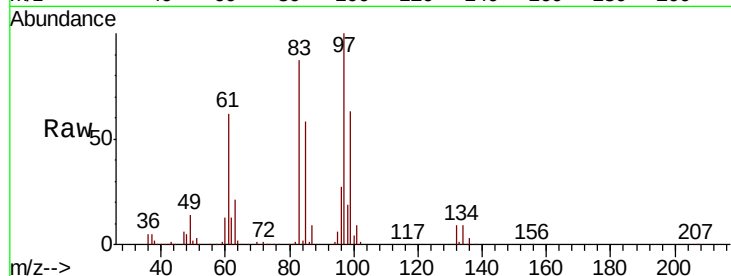




#55
 1,1,2-Trichloroethane
 Concen: 47.435 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

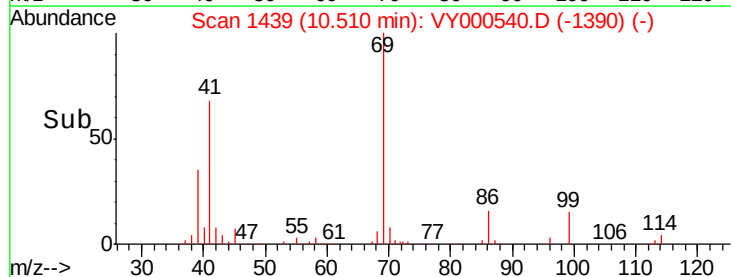
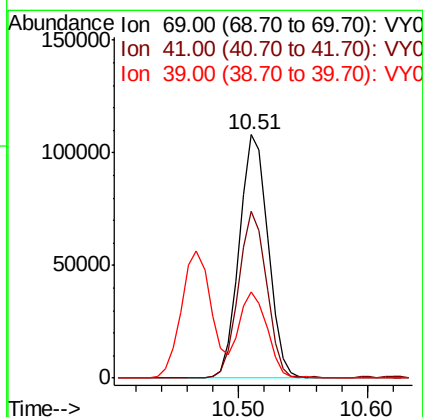
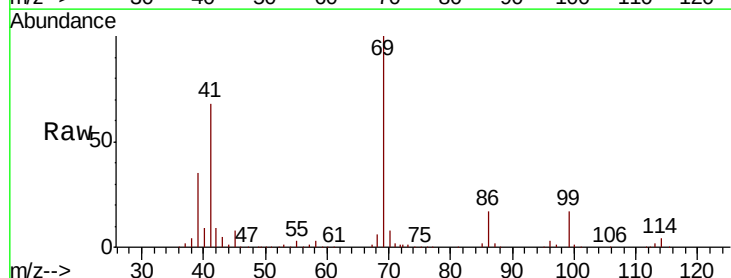
Instrument :
 MSVOA_Y
 ClientSampled :

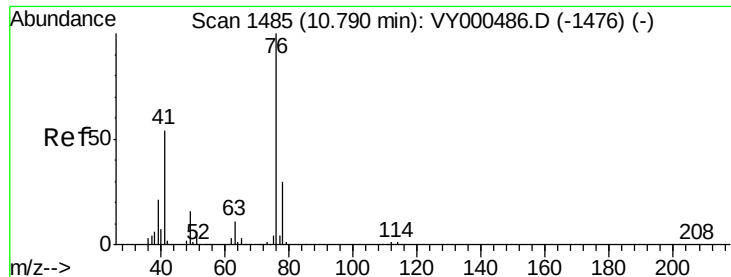
Tot Ion: 97 Resp: 110156
 Ion Ratio Lower Upper
 97 100
 83 87.0 70.2 105.4
 85 58.5 46.9 70.3
 99 63.3 52.6 78.8



#56
 Ethyl methacrylate
 Concen: 50.642 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

Tgt Ion: 69 Resp: 166683
 Ion Ratio Lower Upper
 69 100
 41 66.8 53.3 79.9
 39 34.0 28.0 42.0





#57

1,3-Dichloropropane

Concen: 48.684 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Instrument :

MSVOA_Y

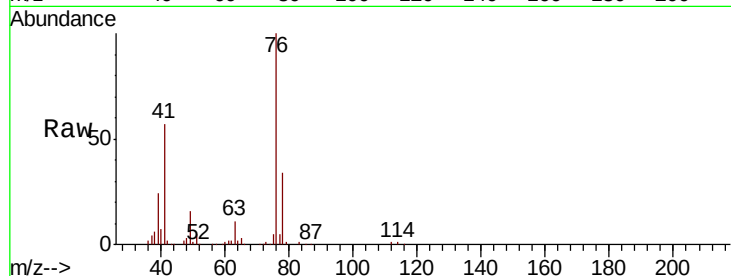
ClientSampled :

Tot Ion: 76 Resp: 197874

Ion Ratio Lower Upper

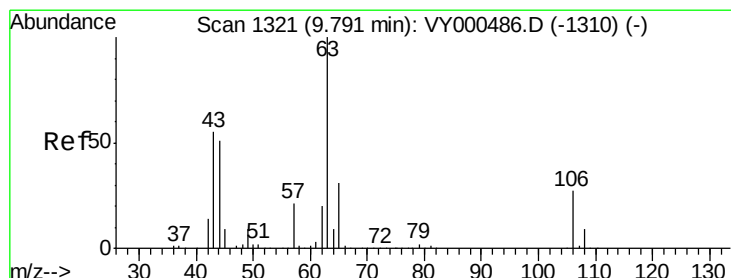
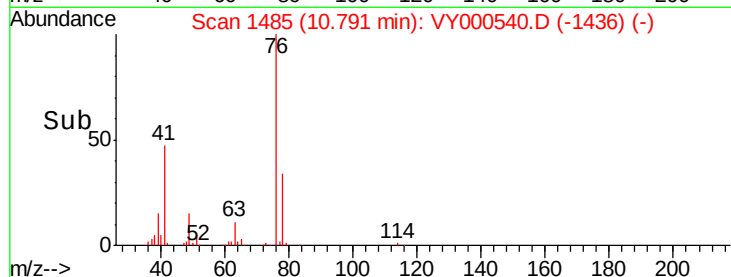
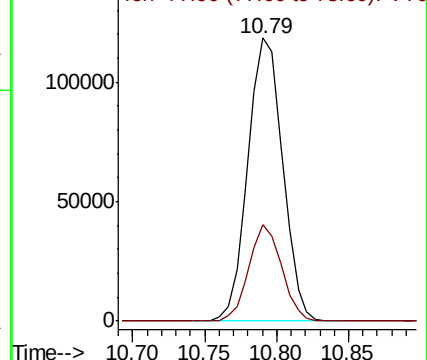
76 100

78 32.1 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 244.860 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY000540.D

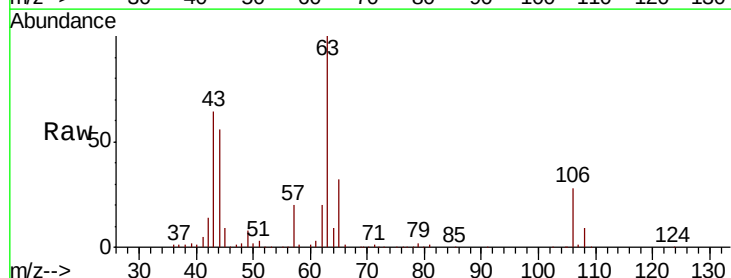
Acq: 06 Nov 2019 10:37

Tgt Ion: 63 Resp: 364355

Ion Ratio Lower Upper

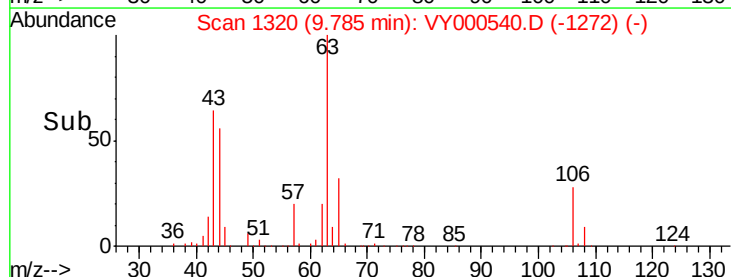
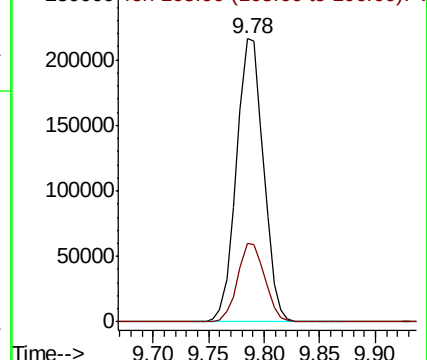
63 100

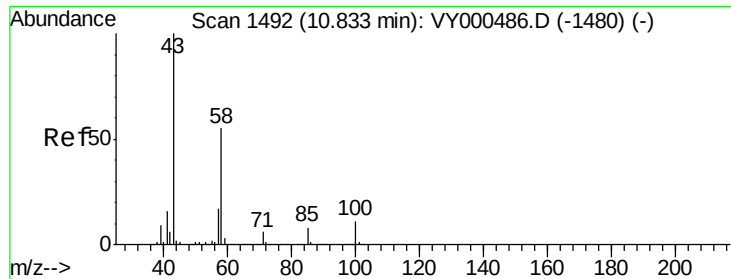
106 27.8 22.6 33.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

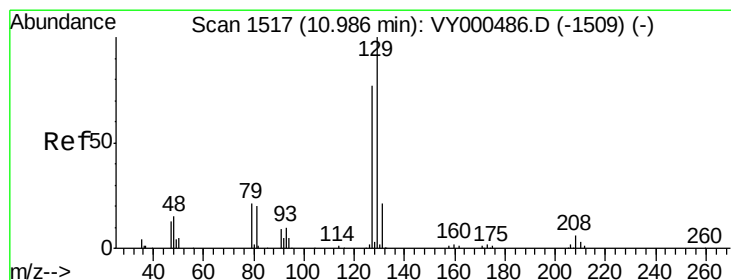
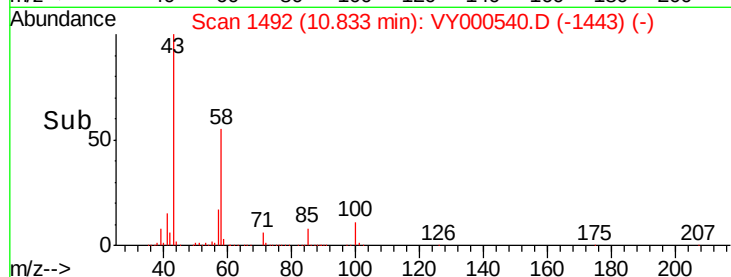
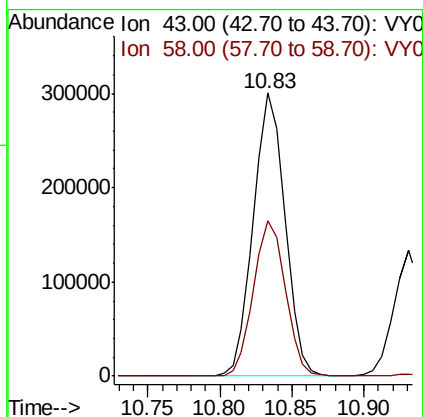
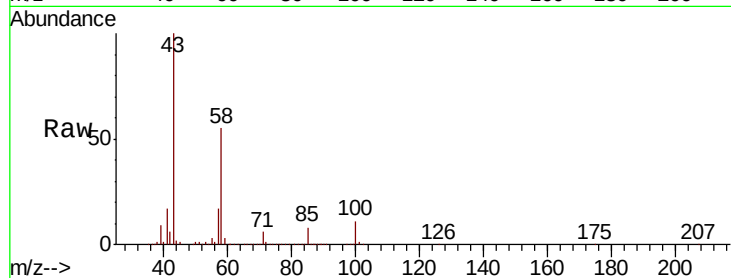




#59
2-Hexanone
Concen: 261.185 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

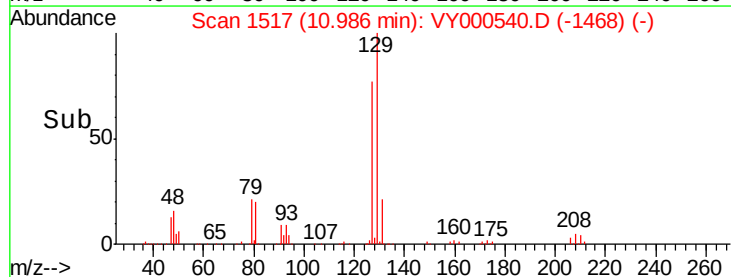
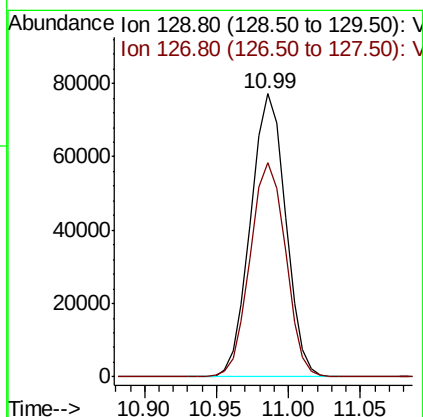
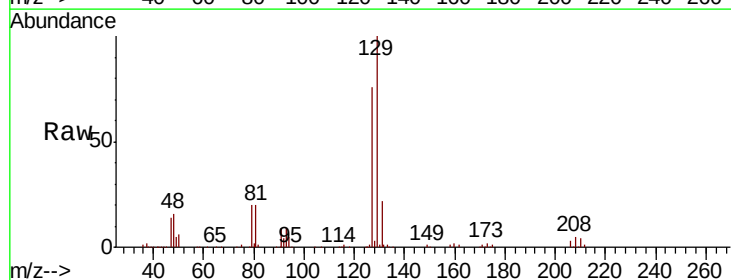
Instrument :
MSVOA_Y
ClientSampleId :

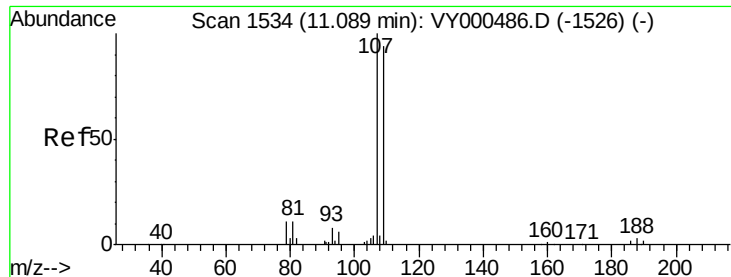
Tot Ion: 43 Resp: 456546
Ion Ratio Lower Upper
43 100
58 55.5 27.1 81.3



#60
Dibromochloromethane
Concen: 48.955 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion: 129 Resp: 130218
Ion Ratio Lower Upper
129 100
127 76.5 39.1 117.2

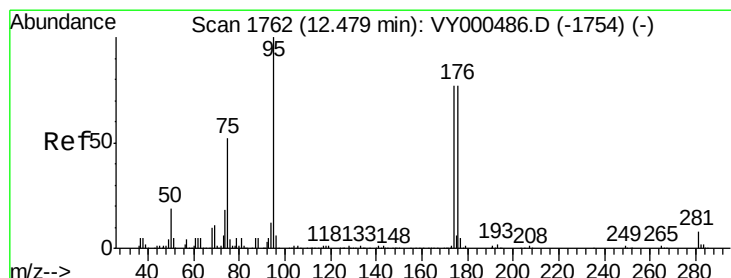
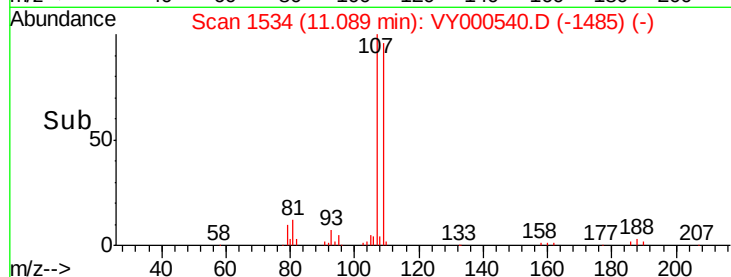
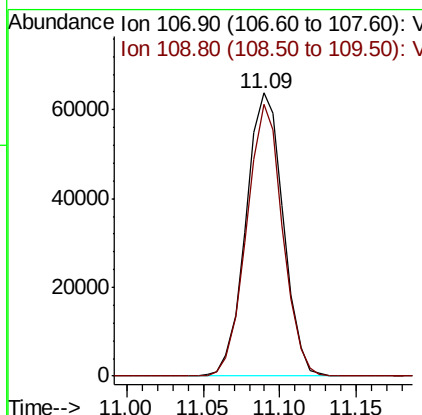
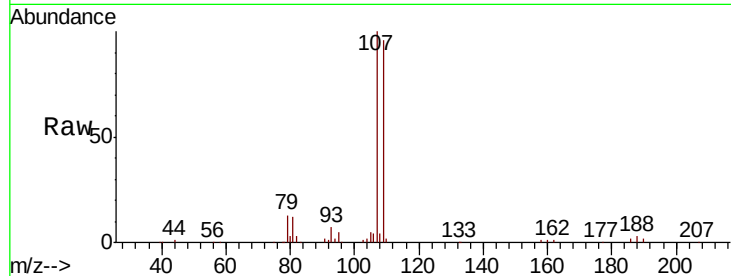




#61
 1,2-Dibromoethane
 Concen: 48.322 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

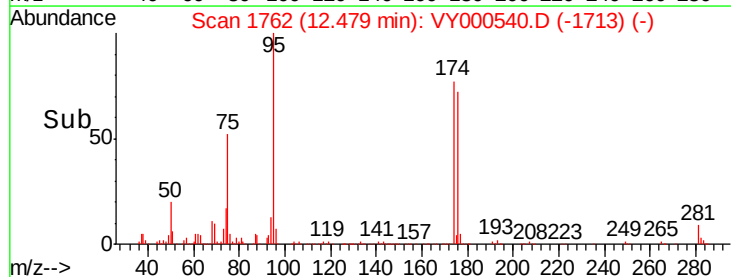
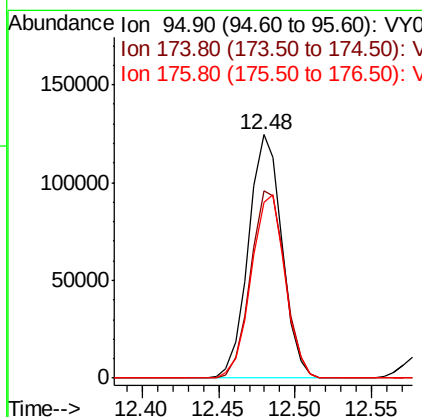
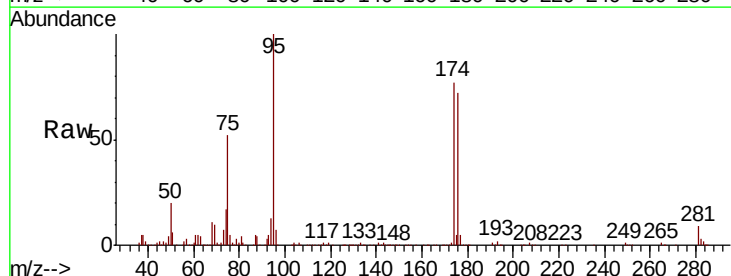
Instrument :
 MSVOA_Y
 ClientSampleId :

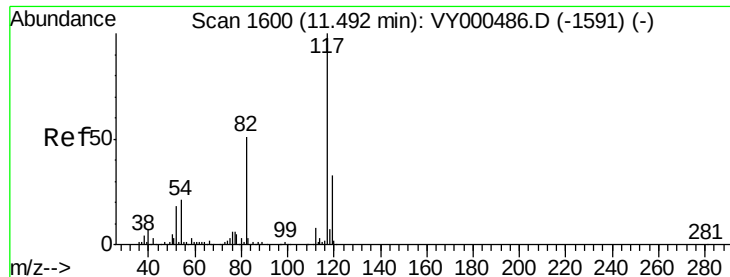
Tot Ion: 107 Resp: 107896
 Ion Ratio Lower Upper
 107 100
 109 93.0 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 52.207 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

Tgt Ion: 95 Resp: 189482
 Ion Ratio Lower Upper
 95 100
 174 79.4 0.0 161.6
 176 76.8 0.0 157.8

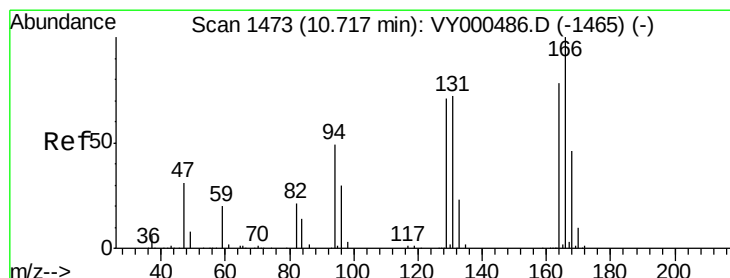
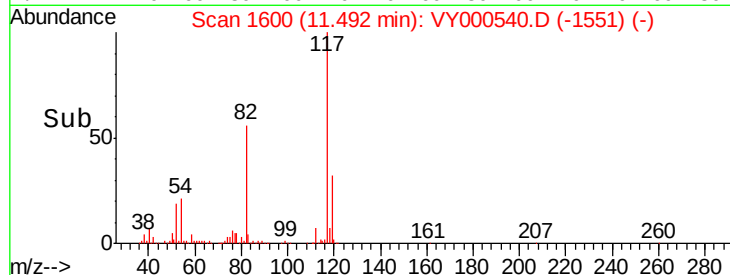
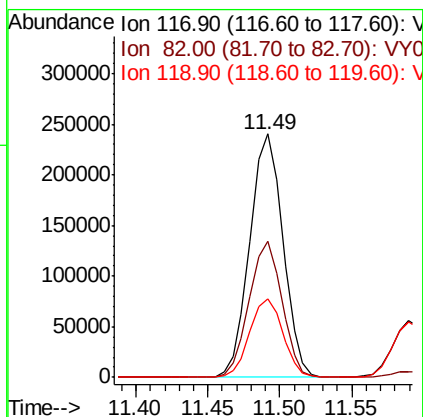
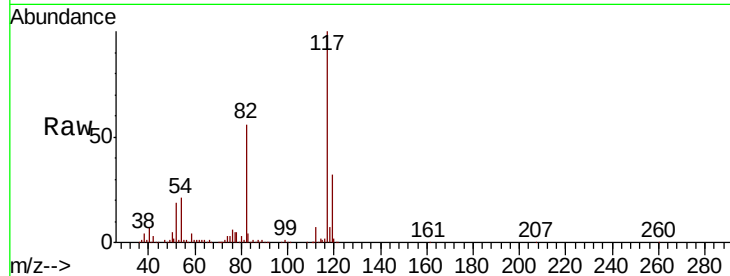




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

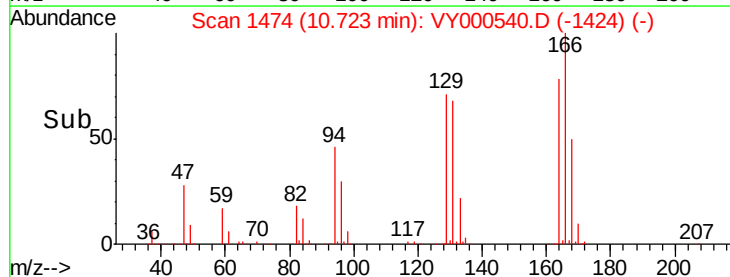
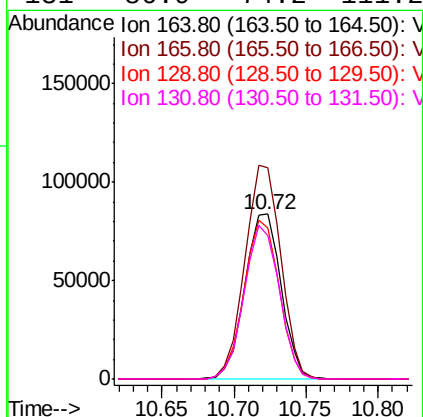
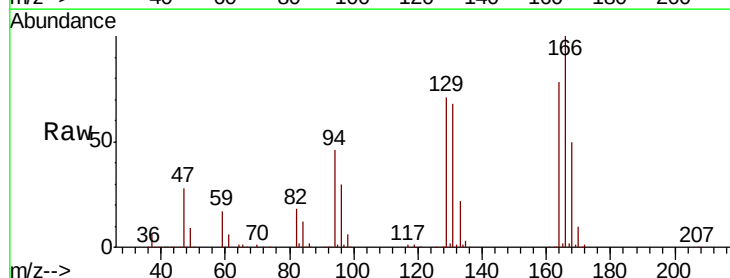
Instrument :
MSVOA_Y
ClientSampleId :

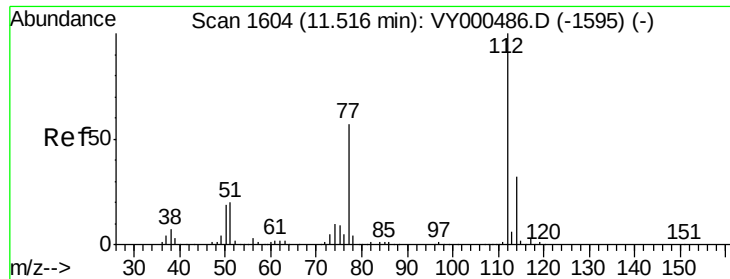
Tot Ion:117 Resp: 383340
Ion Ratio Lower Upper
117 100
82 56.1 40.8 61.2
119 32.0 26.2 39.2



#64
Tetrachloroethene
Concen: 46.019 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion:164 Resp: 145870
Ion Ratio Lower Upper
164 100
166 128.0 102.7 154.1
129 91.4 73.2 109.8
131 86.9 74.2 111.2

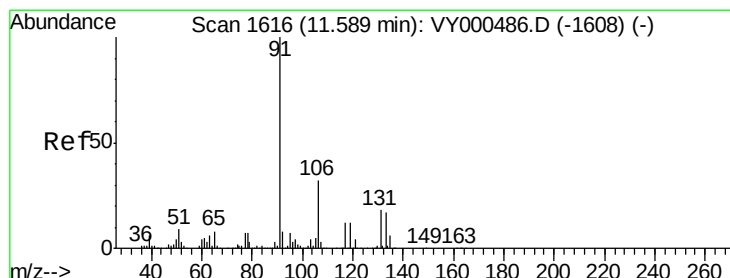
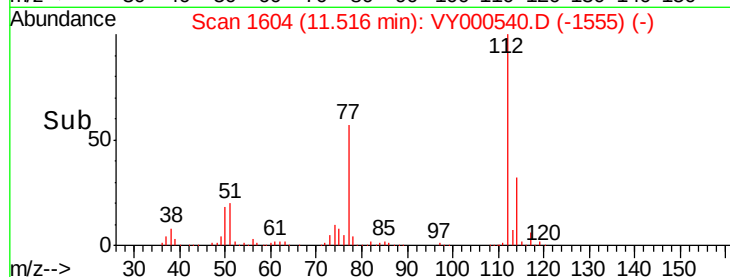
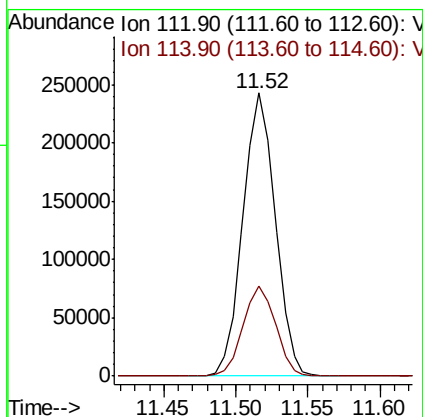
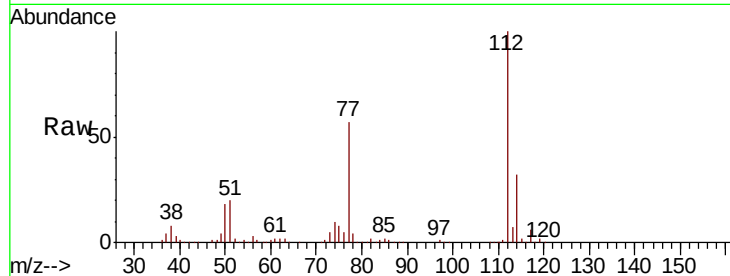




#65
Chlorobenzene
Concen: 48.681 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

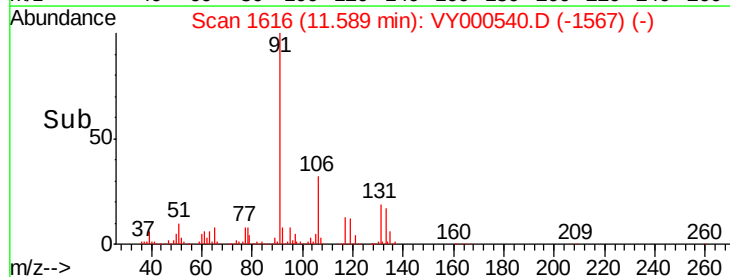
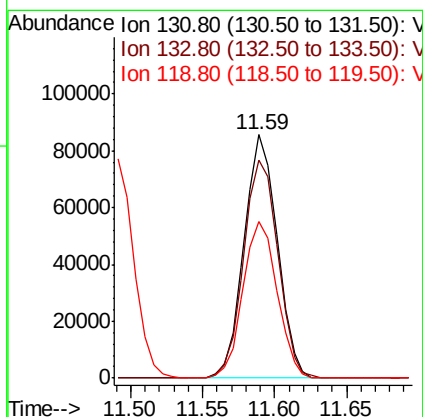
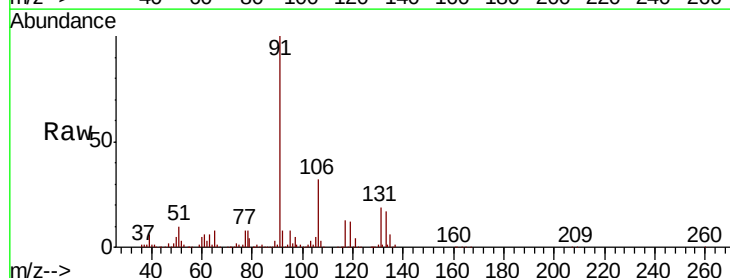
Instrument :
MSVOA_Y
ClientSampleId :

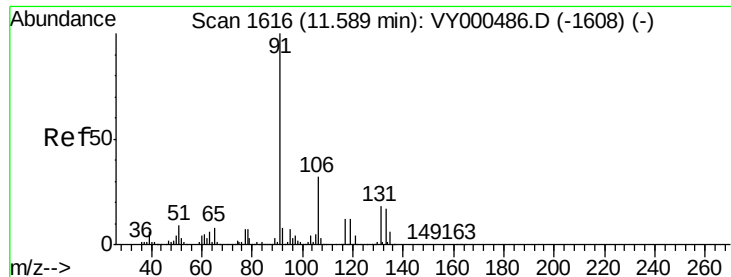
Tot Ion:112 Resp: 378358
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.780 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion:131 Resp: 136877
Ion Ratio Lower Upper
131 100
133 92.4 47.9 143.8
119 66.0 33.1 99.3





#67

Ethyl Benzene

Concen: 49.266 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Instrument :

MSVOA_Y

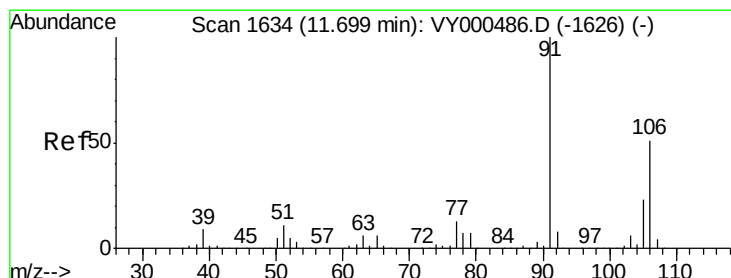
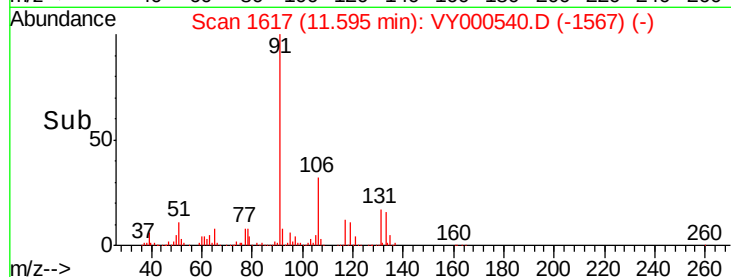
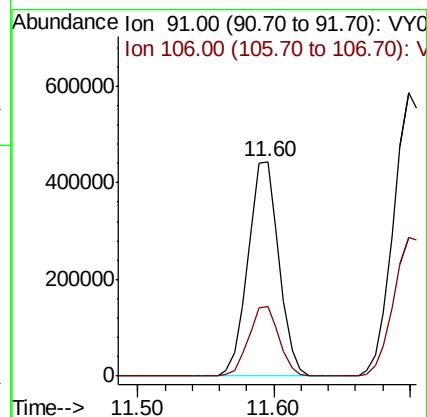
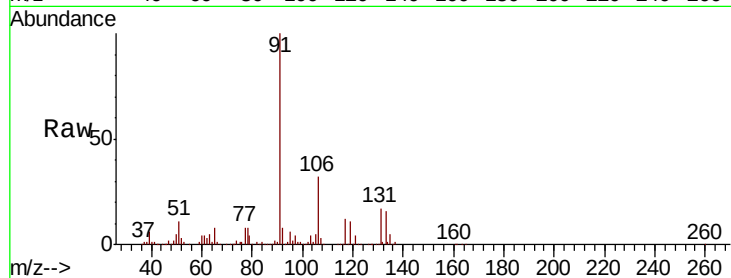
ClientSampled :

Tot Ion: 91 Resp: 704709

Ion Ratio Lower Upper

91 100

106 32.5 25.4 38.0



#68

m/p-Xylenes

Concen: 97.252 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY000540.D

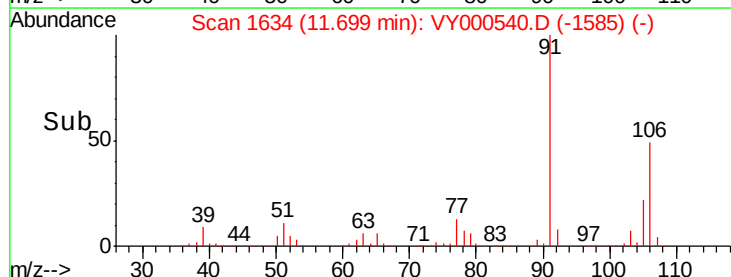
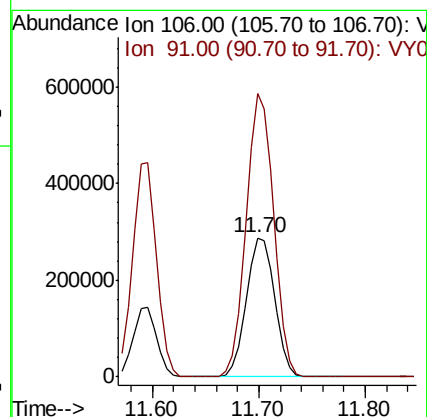
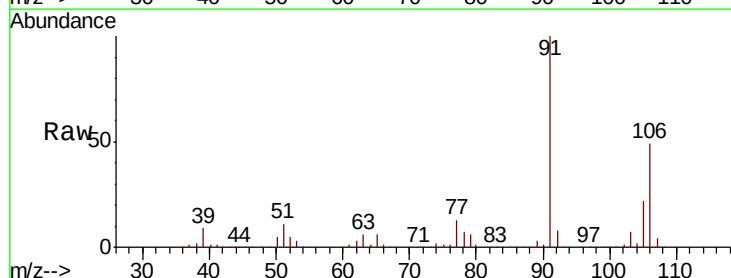
Acq: 06 Nov 2019 10:37

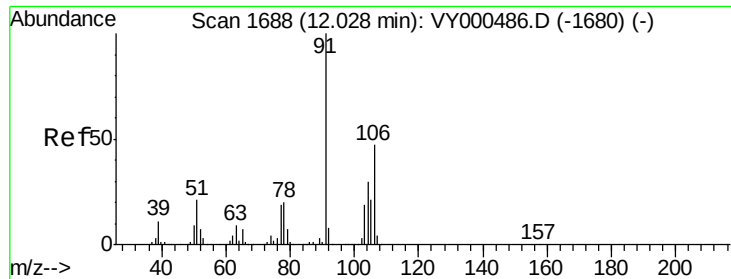
Tgt Ion: 106 Resp: 538414

Ion Ratio Lower Upper

106 100

91 197.9 155.9 233.9

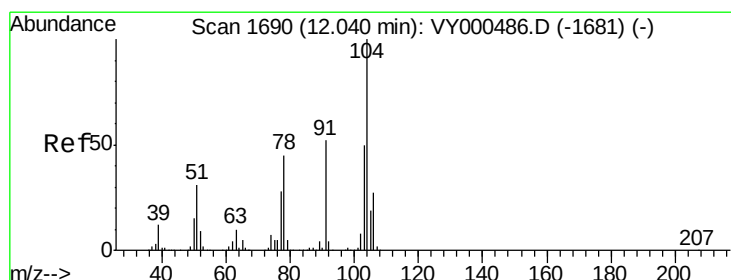
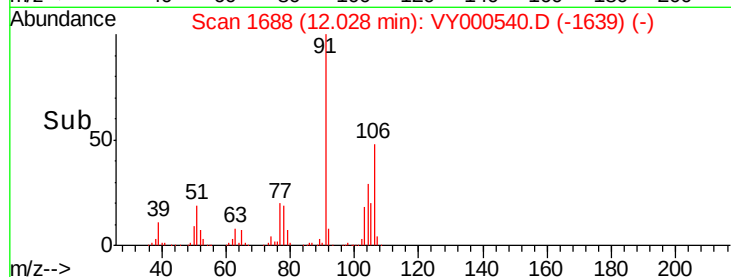
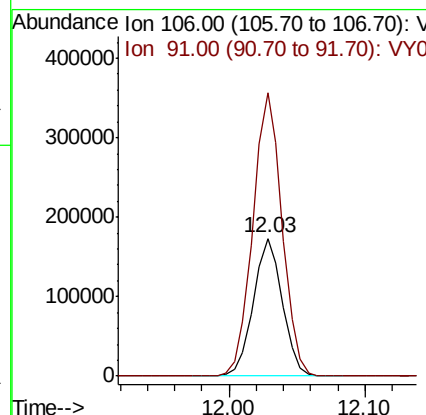
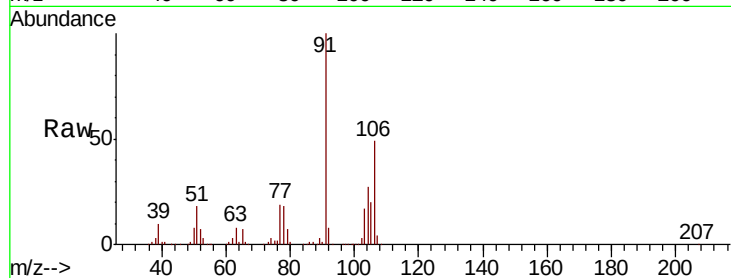




#69
o-Xylene
Concen: 49.783 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

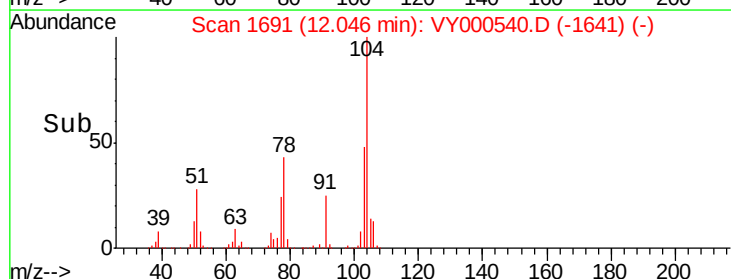
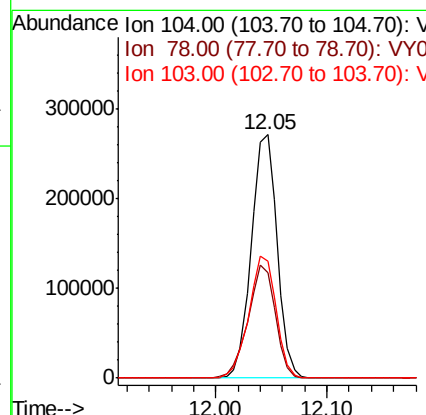
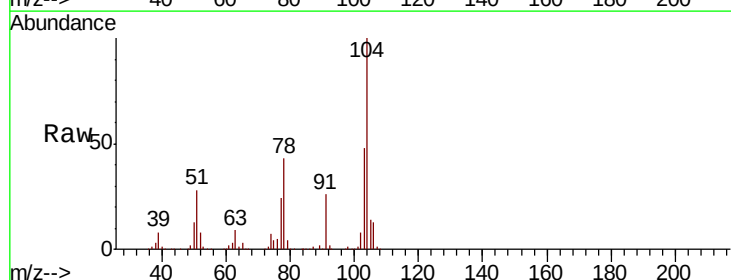
Instrument :
MSVOA_Y
ClientSampled :

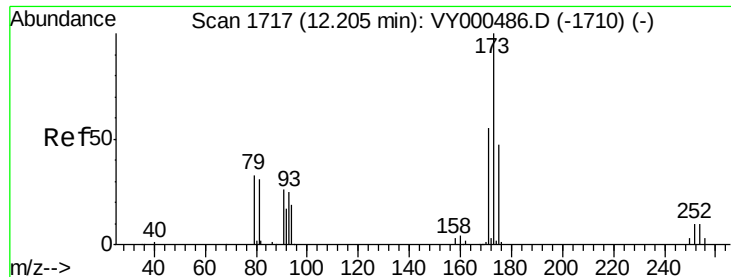
Tot Ion:106 Resp: 259029
Ion Ratio Lower Upper
106 100
91 207.0 106.5 319.6



#70
Styrene
Concen: 49.110 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion:104 Resp: 437551
Ion Ratio Lower Upper
104 100
78 49.0 39.0 58.4
103 52.8 42.5 63.7





#71

Bromoform

Concen: 49.010 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Instrument :

MSVOA_Y

ClientSampleId :

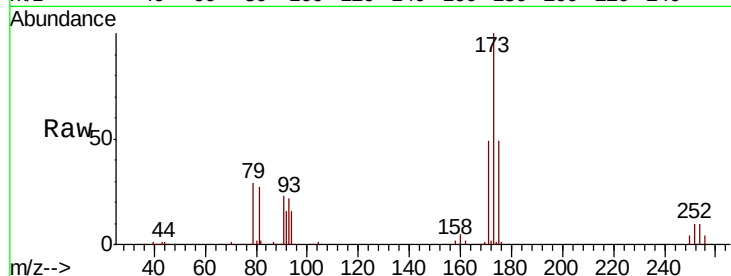
Tot Ion:173 Resp: 75983

Ion Ratio Lower Upper

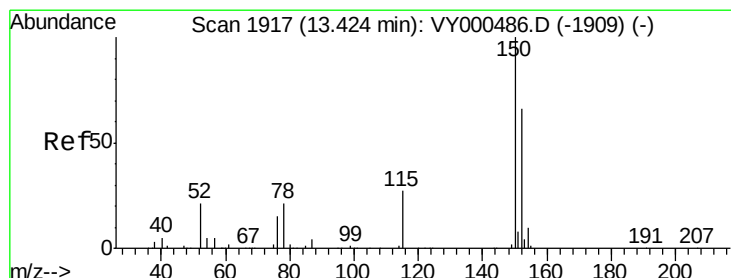
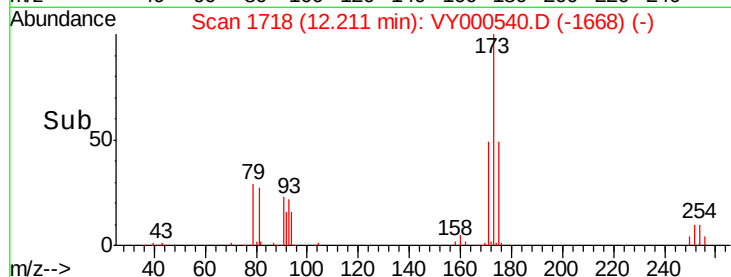
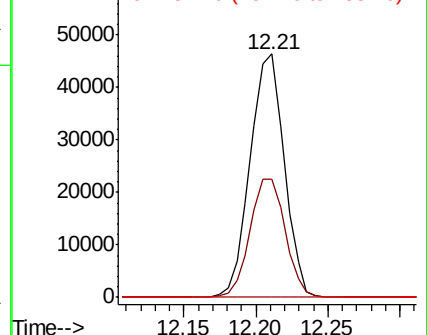
173 100

175 50.2 24.4 73.2

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

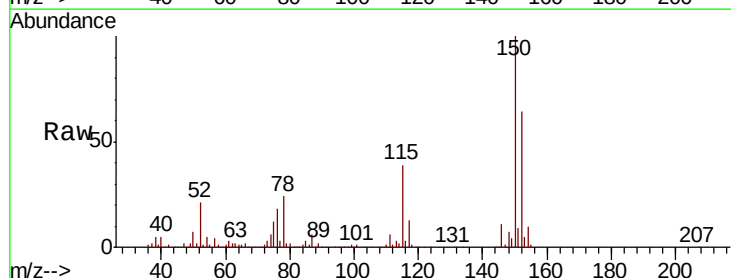
Tgt Ion:152 Resp: 192863

Ion Ratio Lower Upper

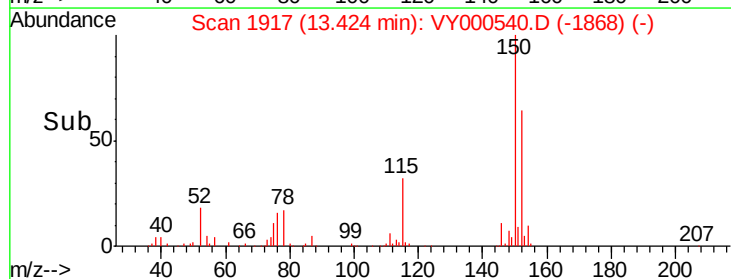
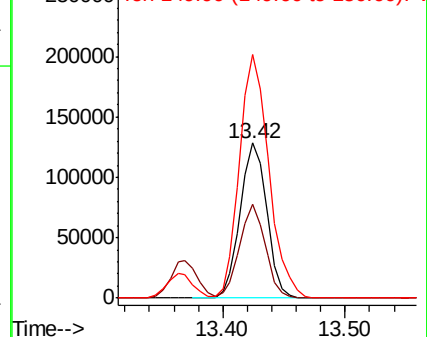
152 100

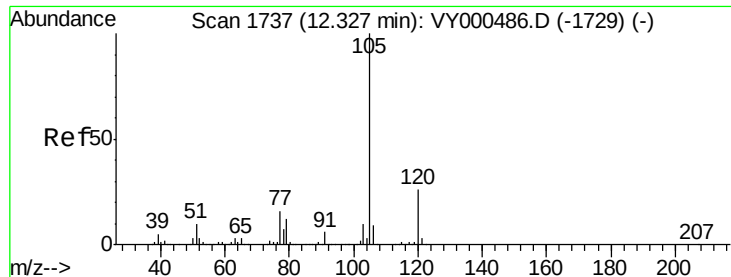
115 58.3 29.1 87.4

150 172.9 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.979 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Instrument :

MSVOA_Y

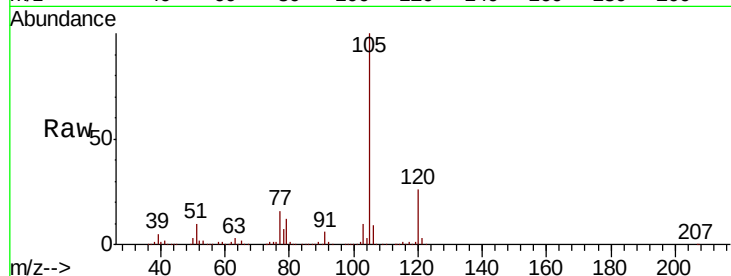
ClientSampleId :

Tot Ion:105 Resp: 698146

Ion Ratio Lower Upper

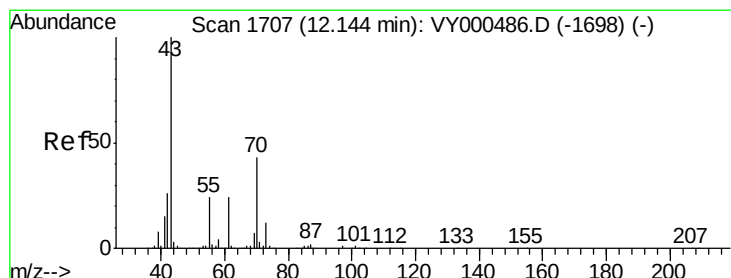
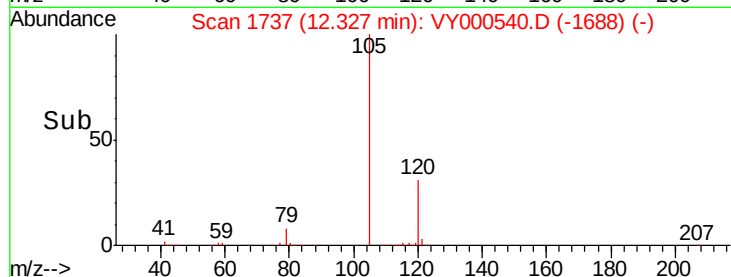
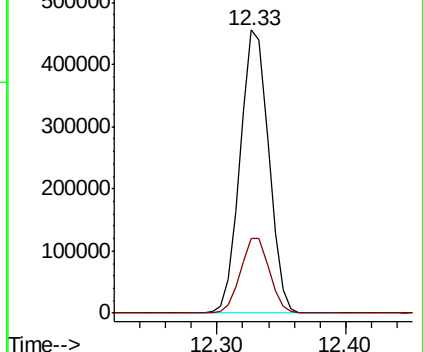
105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.813 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Tgt Ion: 43 Resp: 207435

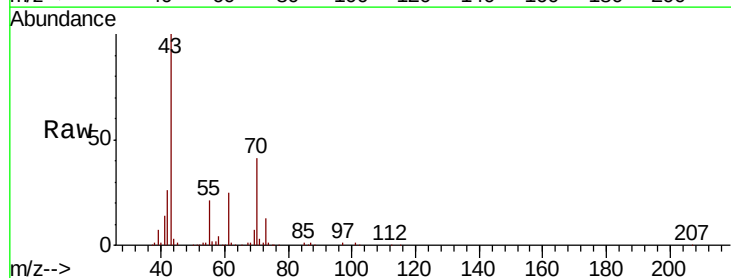
Ion Ratio Lower Upper

43 100

70 42.2 33.1 49.7

55 21.7 18.0 27.0

61 25.1 19.1 28.7

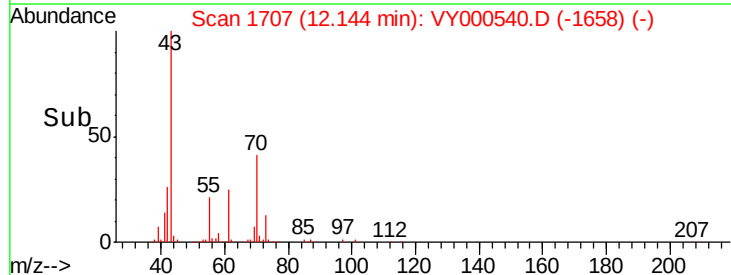
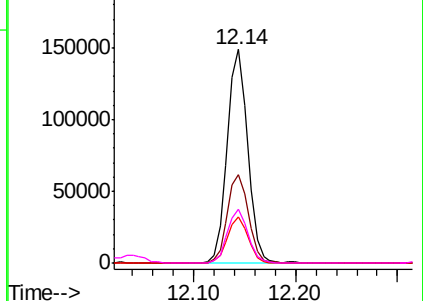


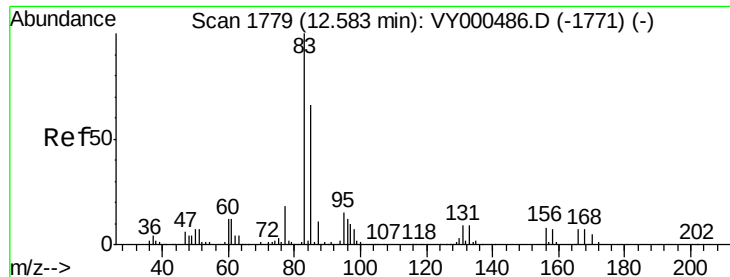
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.945 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Instrument :

MSVOA_Y

ClientSampleId :

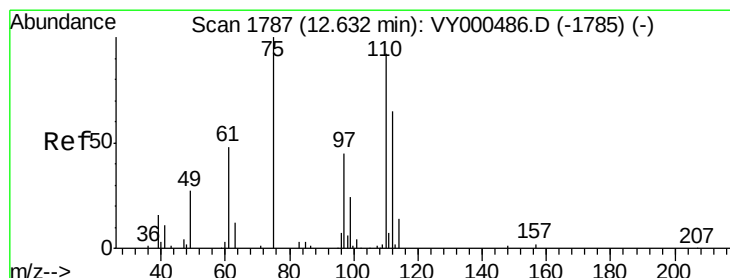
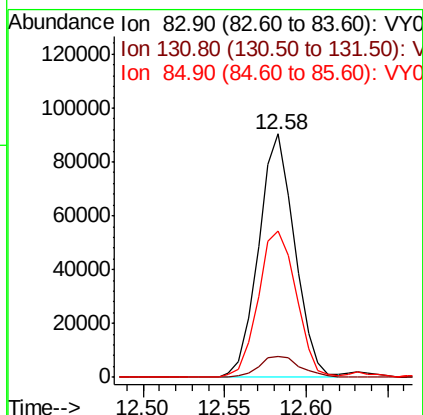
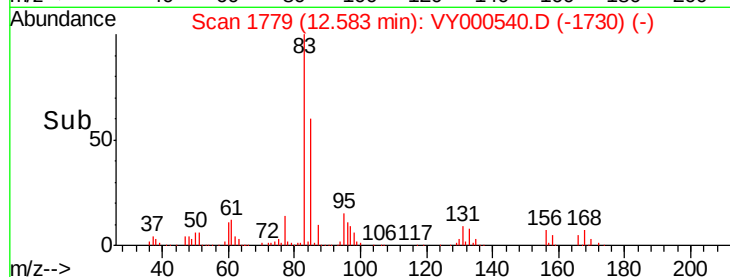
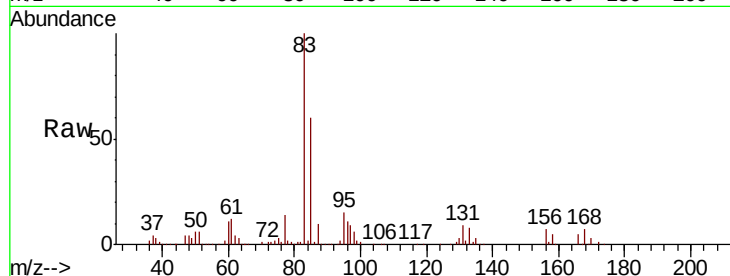
Tot Ion: 83 Resp: 138137

Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

85 63.5 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 84.743 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY000540.D

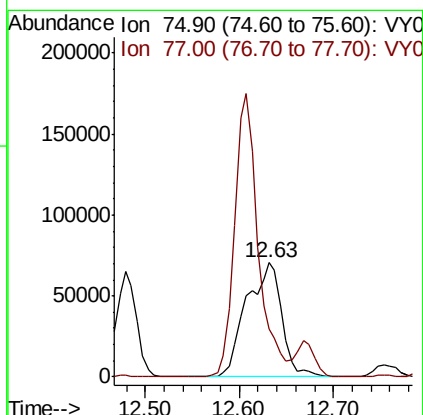
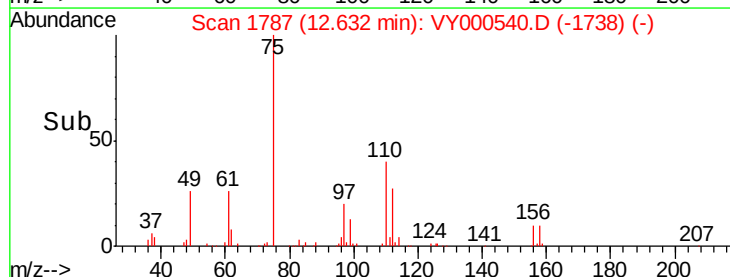
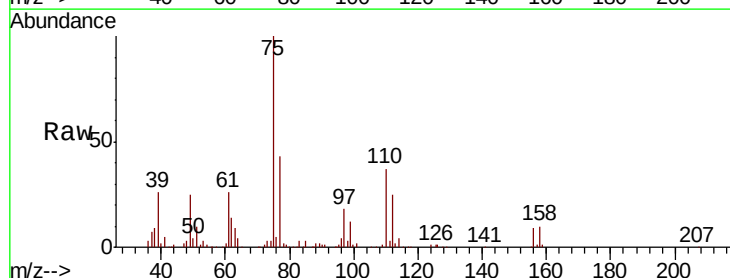
Acq: 06 Nov 2019 10:37

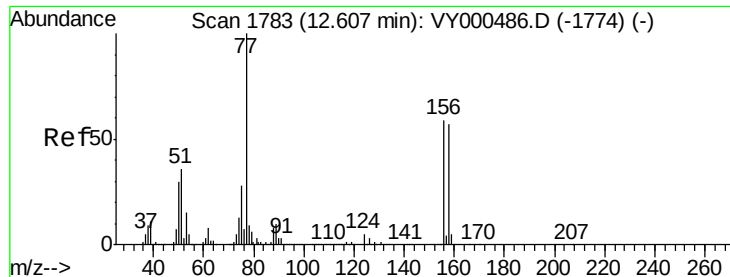
Tgt Ion: 75 Resp: 186096

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.921 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Instrument :

MSVOA_Y

ClientSampleId :

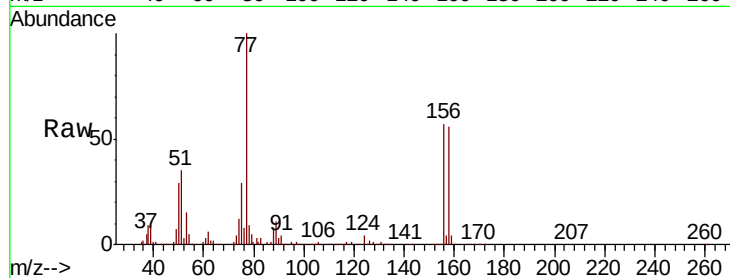
Tot Ion:156 Resp: 154898

Ion Ratio Lower Upper

156 100

77 195.9 98.2 294.4

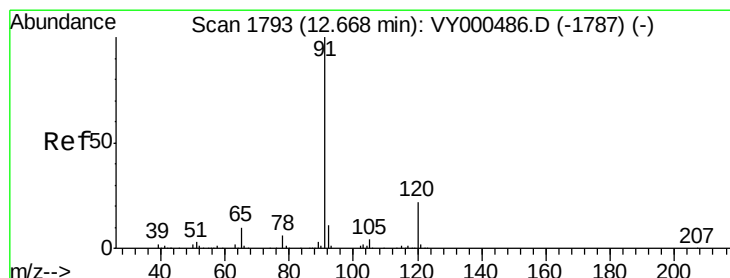
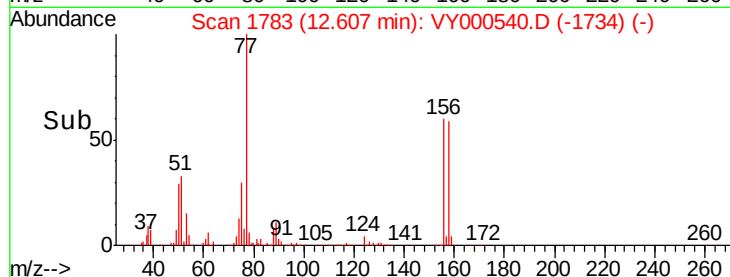
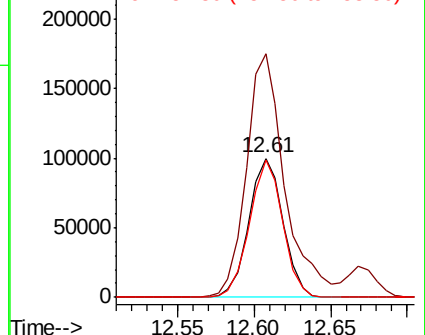
158 95.9 49.6 149.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.775 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY000540.D

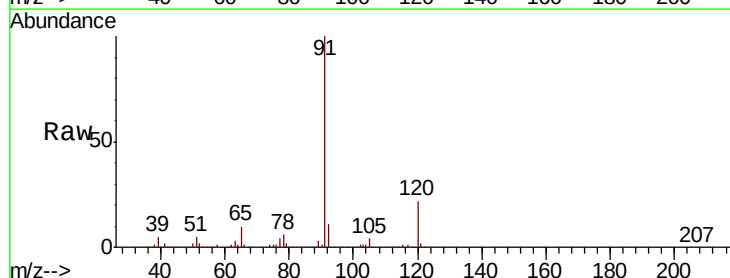
Acq: 06 Nov 2019 10:37

Tgt Ion: 91 Resp: 838866

Ion Ratio Lower Upper

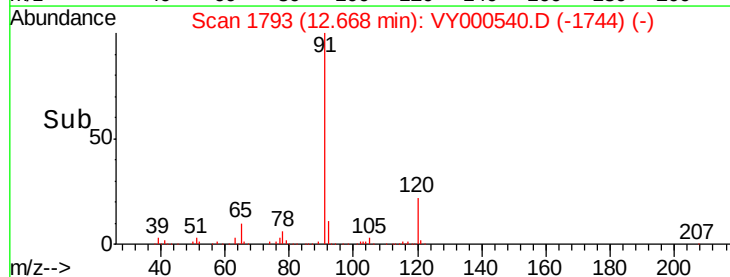
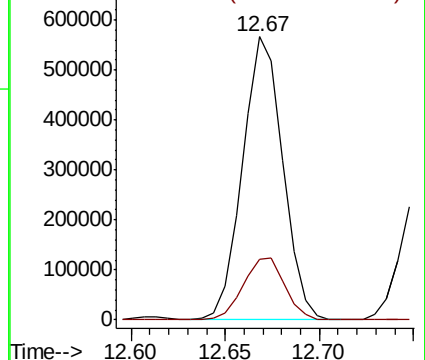
91 100

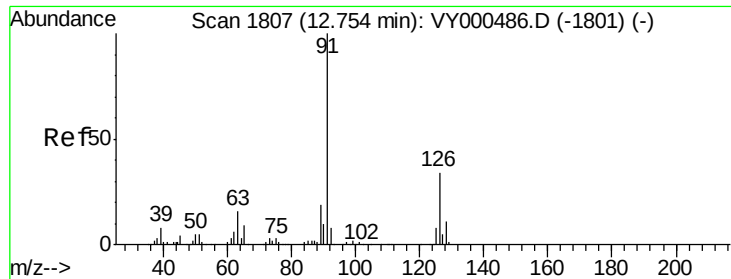
120 22.7 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.010 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Instrument :

MSVOA_Y

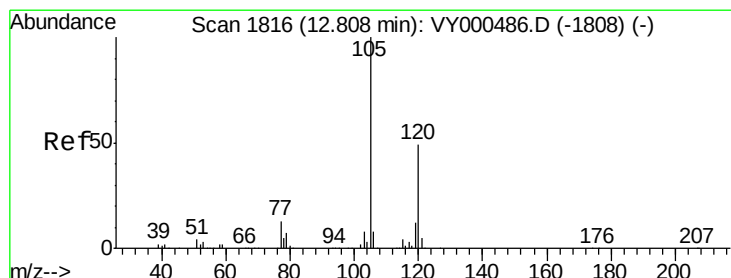
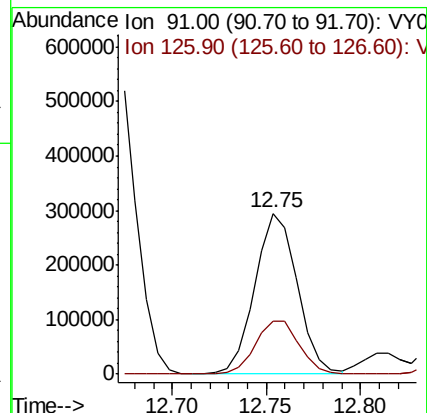
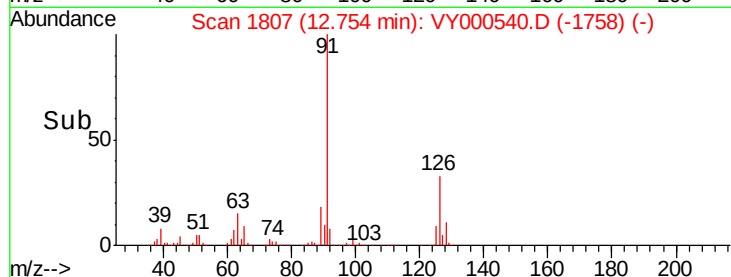
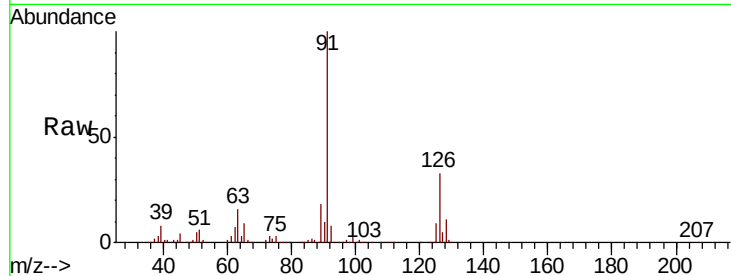
ClientSampled :

Tot Ion: 91 Resp: 458398

Ion Ratio Lower Upper

91 100

126 34.5 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 49.620 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY000540.D

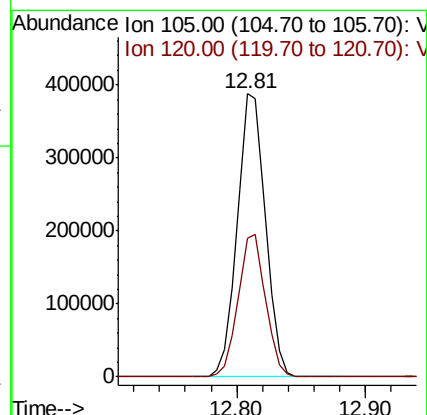
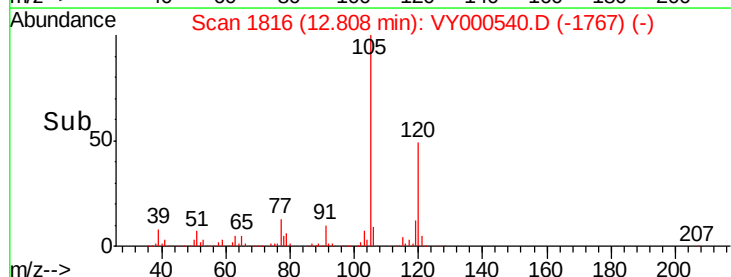
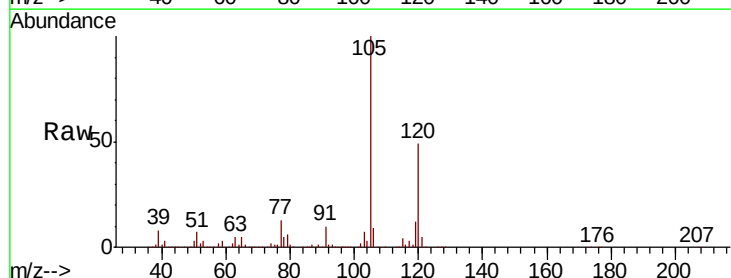
Acq: 06 Nov 2019 10:37

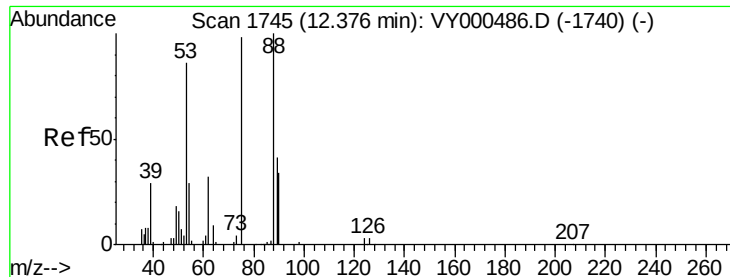
Tgt Ion: 105 Resp: 589065

Ion Ratio Lower Upper

105 100

120 49.1 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 49.672 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY000540.D

Acq: 06 Nov 2019 10:37

Instrument :

MSVOA_Y

ClientSampleId :

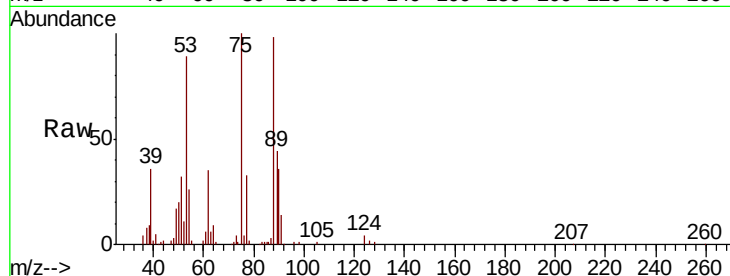
Tot Ion: 75 Resp: 48650

Ion Ratio Lower Upper

75 100

53 93.9 73.2 109.8

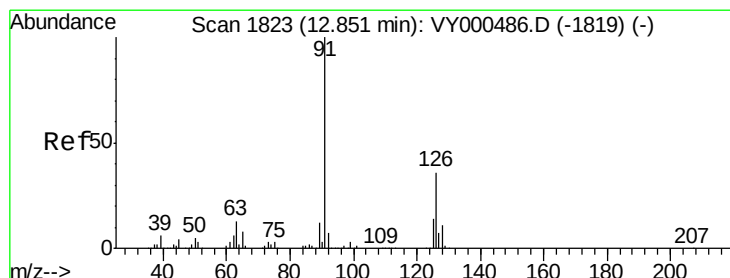
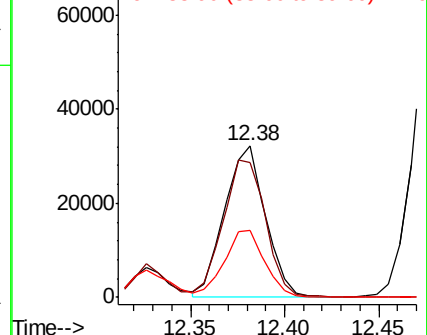
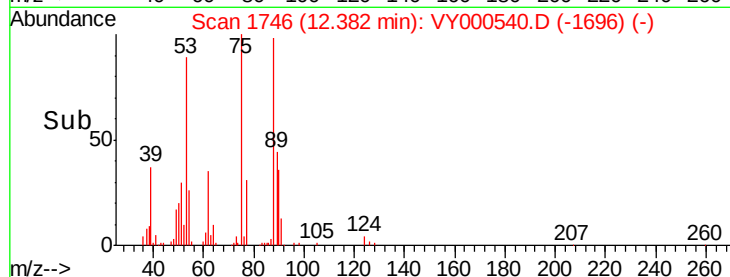
89 43.7 35.9 53.9



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: 50.087 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY000540.D

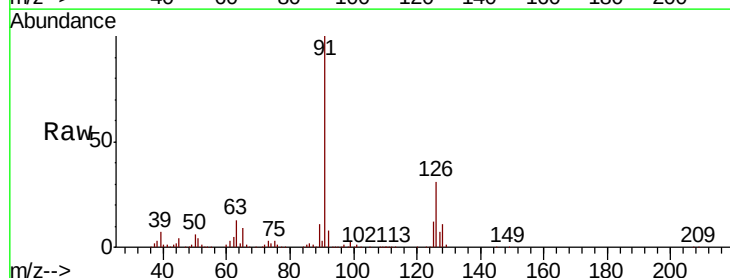
Acq: 06 Nov 2019 10:37

Tgt Ion: 91 Resp: 495729

Ion Ratio Lower Upper

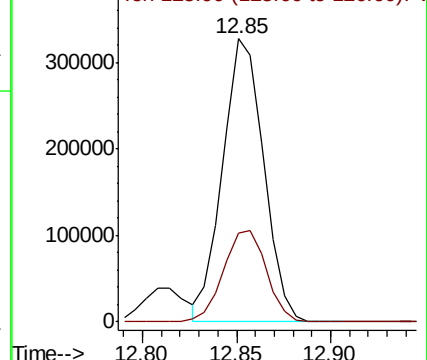
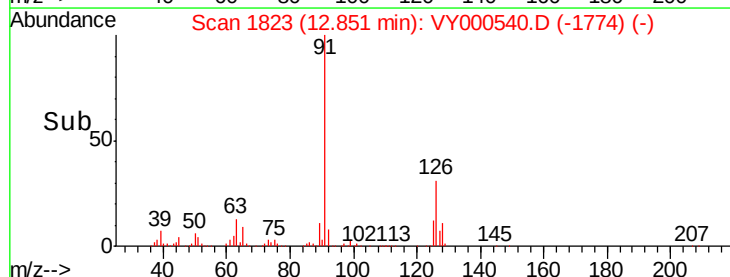
91 100

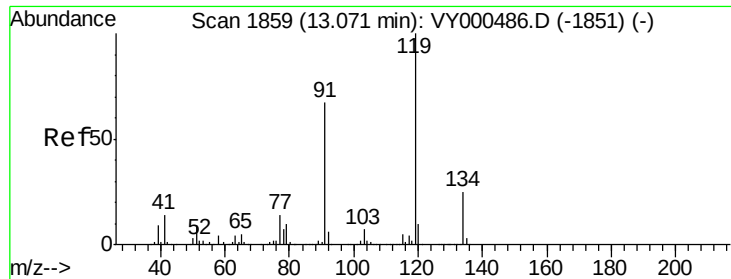
126 33.8 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

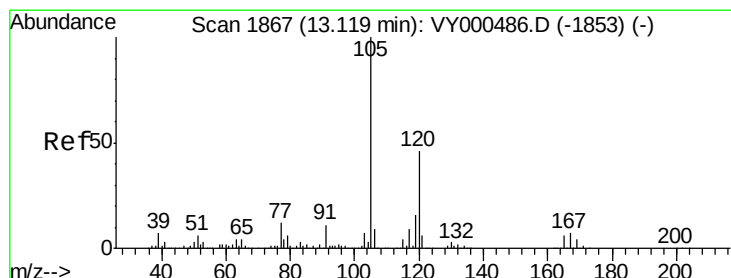
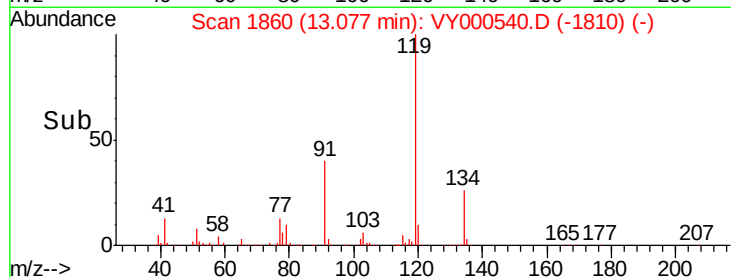
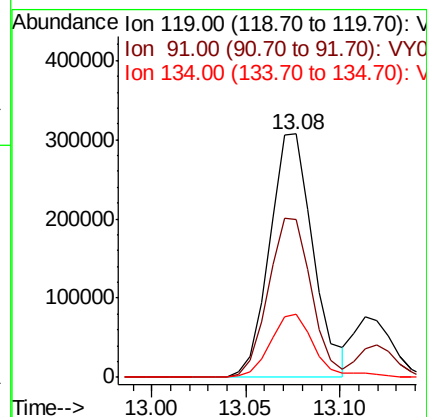
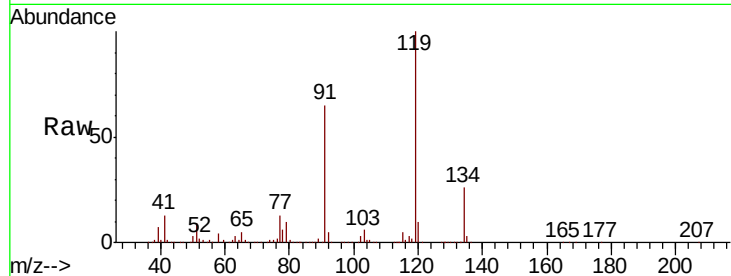




#83
tert-Butylbenzene
Concen: 48.547 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

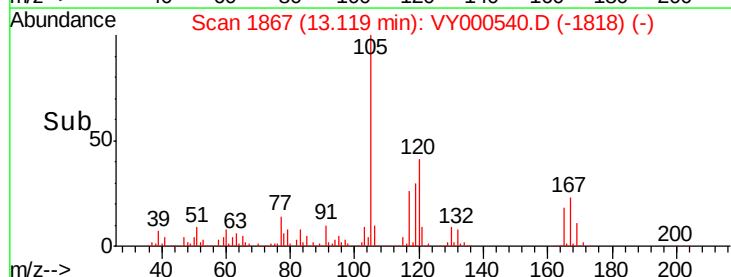
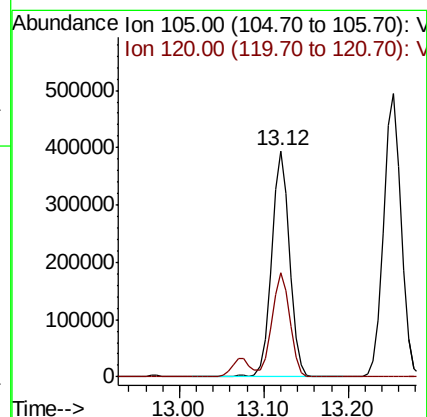
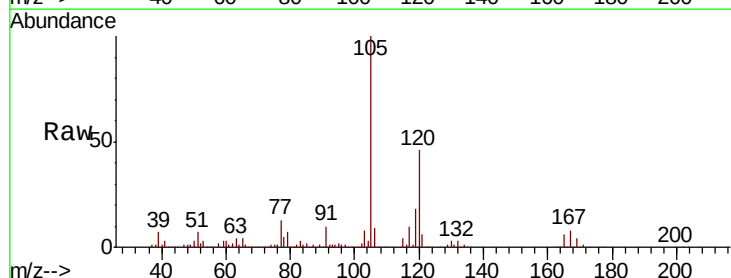
Instrument :
MSVOA_Y
ClientSampleId :

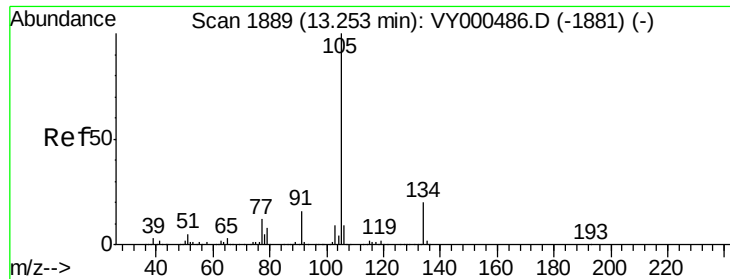
Tot Ion:119 Resp: 492092
Ion Ratio Lower Upper
119 100
91 64.5 32.1 96.3
134 26.5 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 49.079 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion:105 Resp: 580116
Ion Ratio Lower Upper
105 100
120 46.2 23.3 69.9

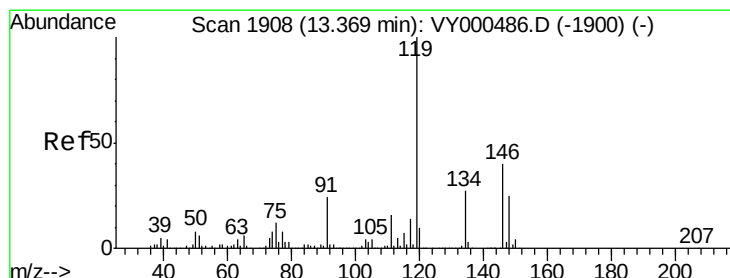
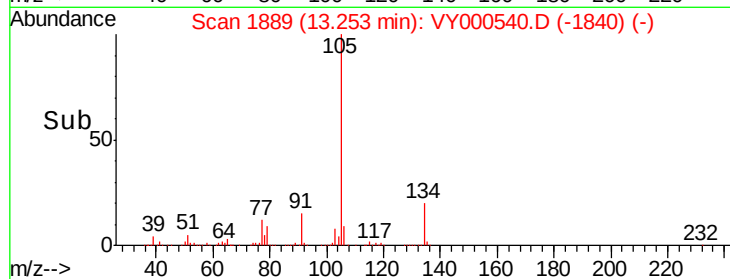
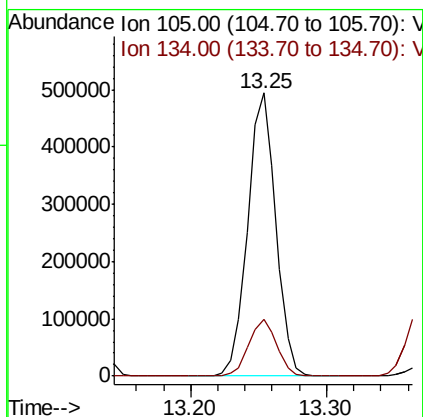
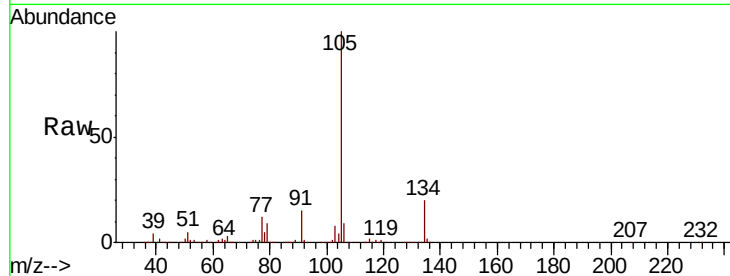




#85
 sec-Butylbenzene
 Concen: 49.595 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

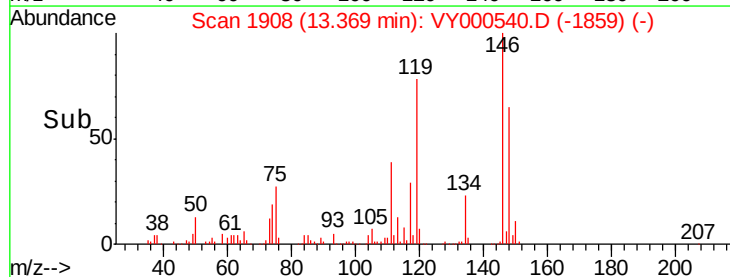
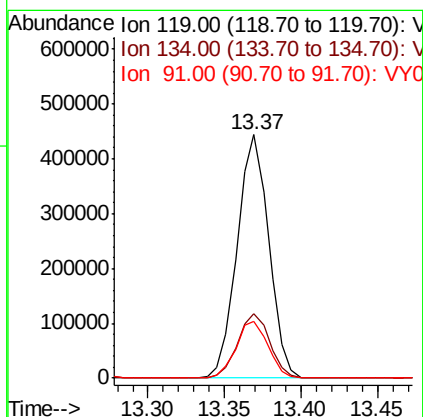
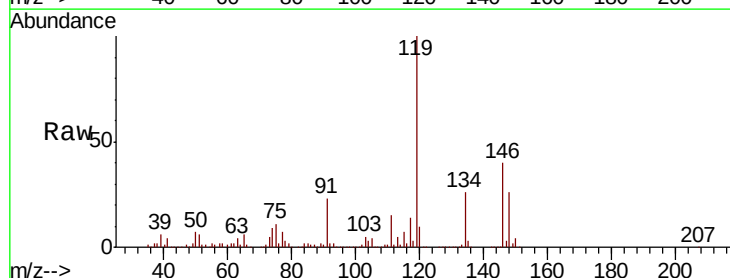
Instrument :
 MSVOA_Y
 ClientSampled :

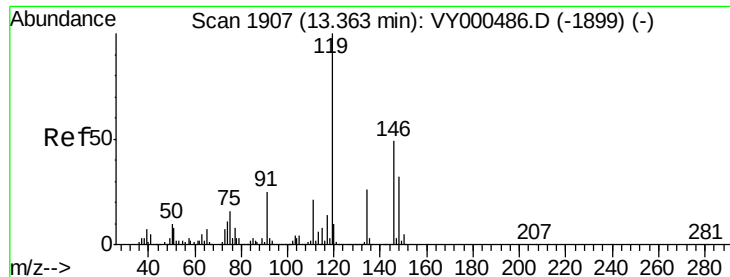
Tot Ion:105 Resp: 716215
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 49.384 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

Tgt Ion:119 Resp: 635615
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.8
 91 23.8 12.0 36.1

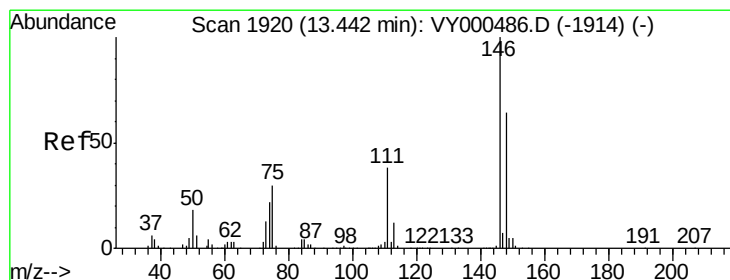
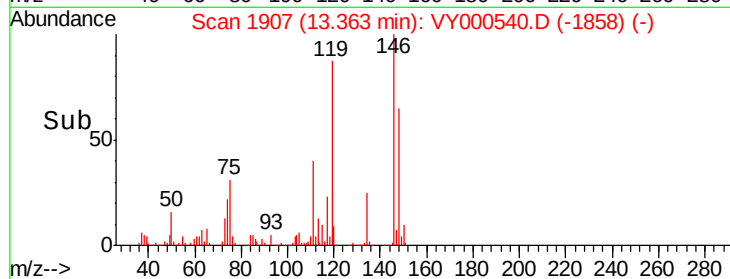
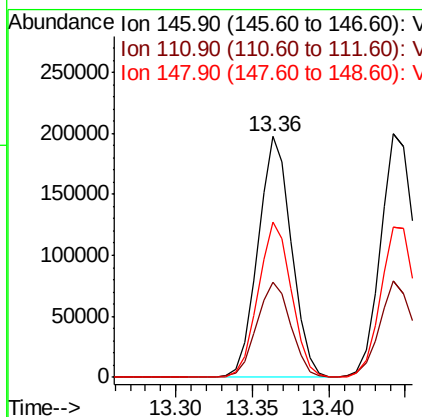
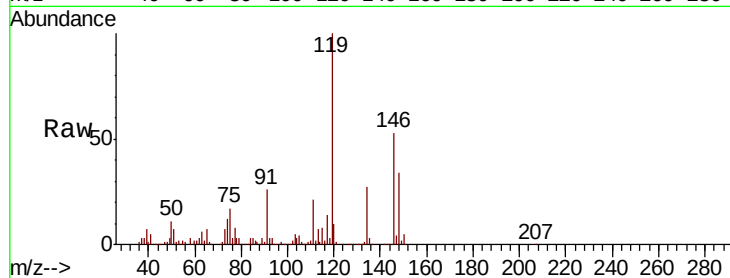




#87
 1,3-Dichlorobenzene
 Concen: 47.452 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

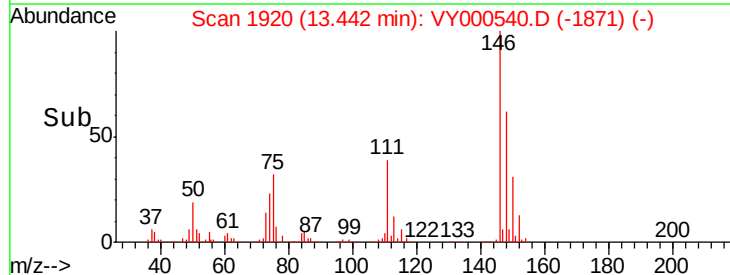
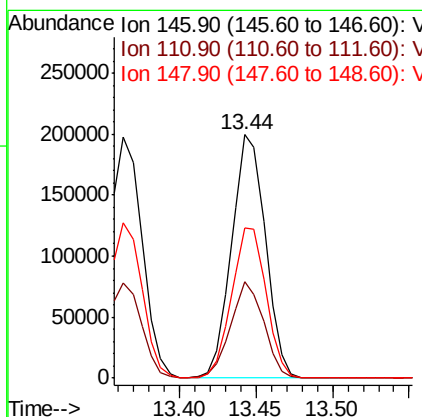
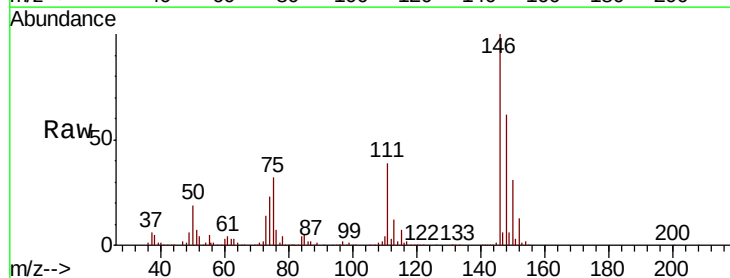
Instrument :
 MSVOA_Y
 ClientSampled :

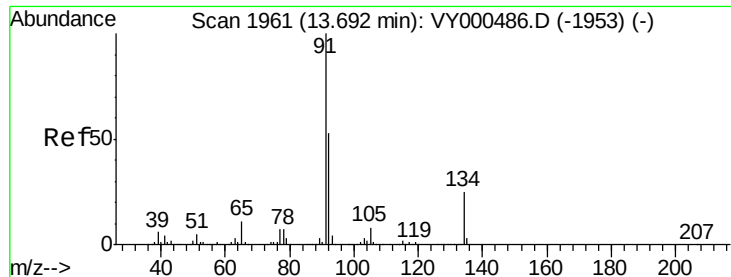
Tot Ion:146 Resp: 300431
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.3 60.8
 148 63.9 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 48.340 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

Tgt Ion:146 Resp: 305830
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.7 59.0
 148 63.0 31.9 95.7

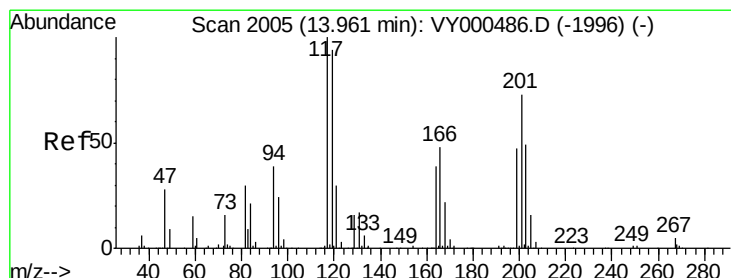
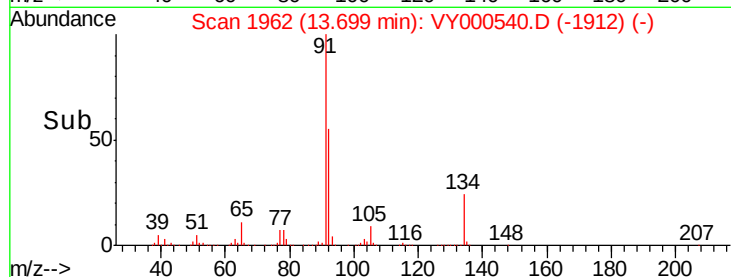
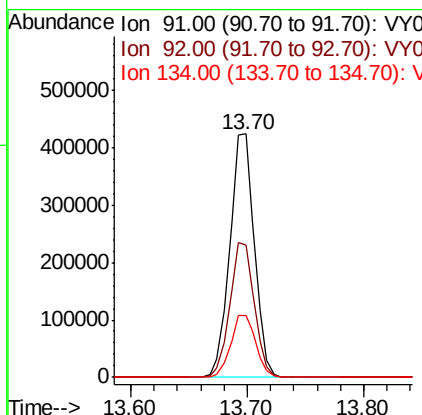
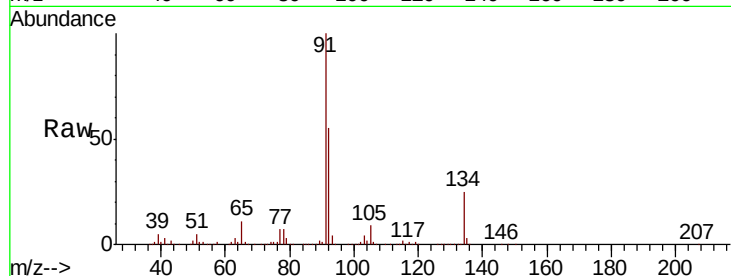




#89
n-Butylbenzene
Concen: 49.028 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

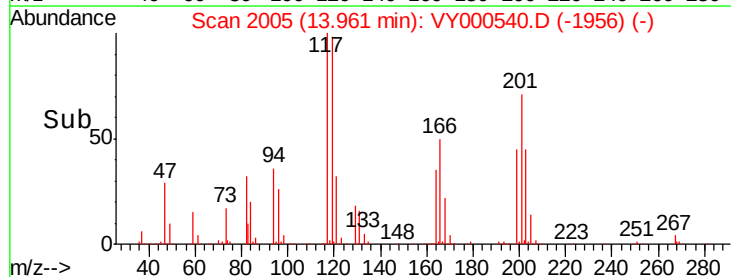
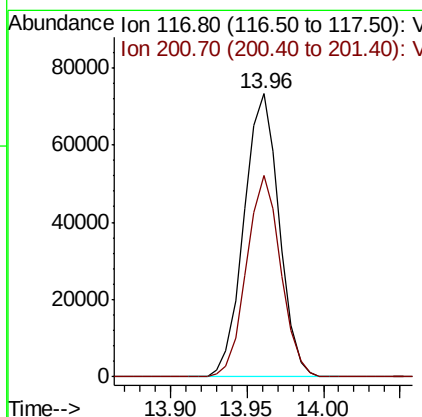
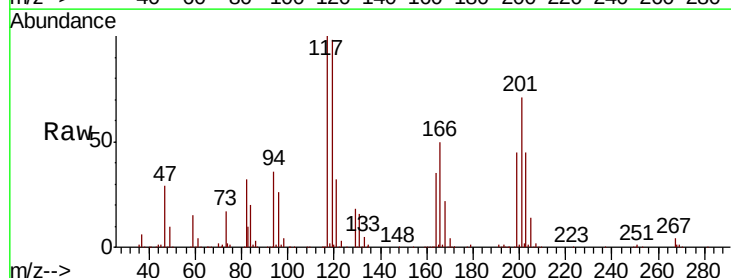
Instrument :
MSVOA_Y
ClientSampled :

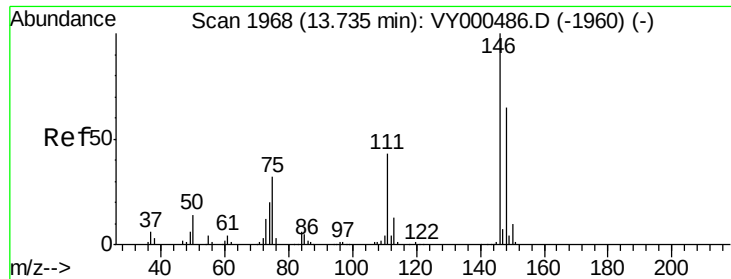
Tot Ion: 91 Resp: 622389
Ion Ratio Lower Upper
91 100
92 54.9 26.8 80.3
134 25.9 12.9 38.7



#90
Hexachloroethane
Concen: 49.047 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion: 117 Resp: 116705
Ion Ratio Lower Upper
117 100
201 69.5 35.8 107.3

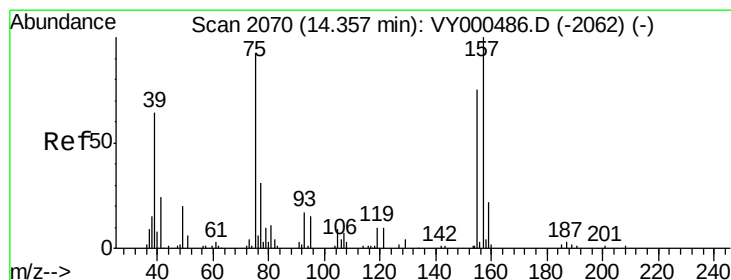
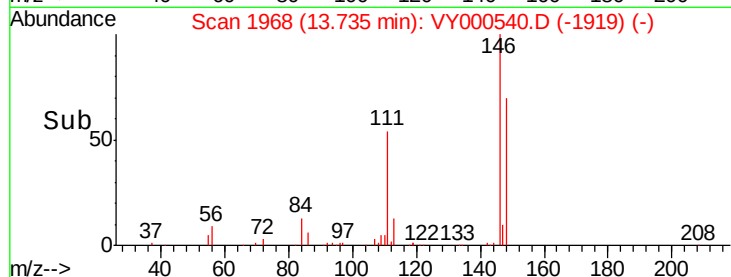
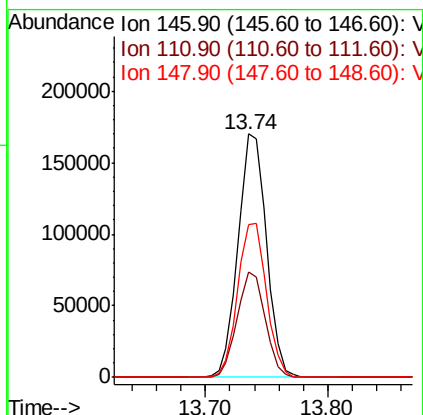
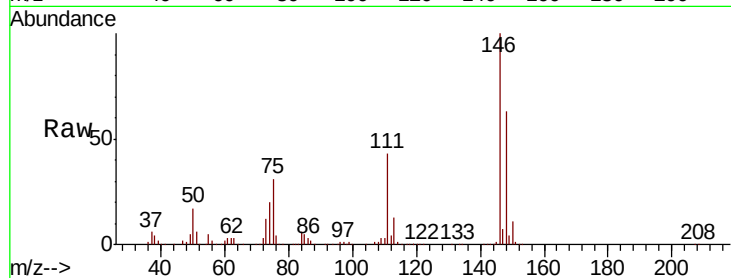




#91
 1,2-Dichlorobenzene
 Concen: 47.519 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

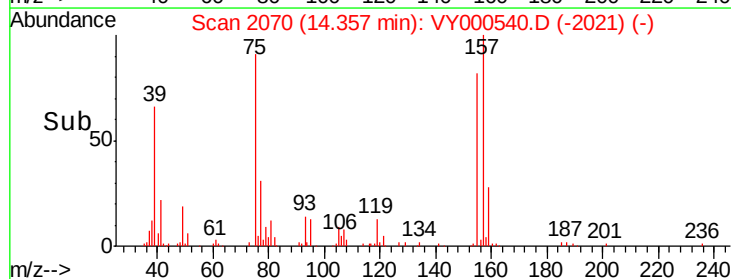
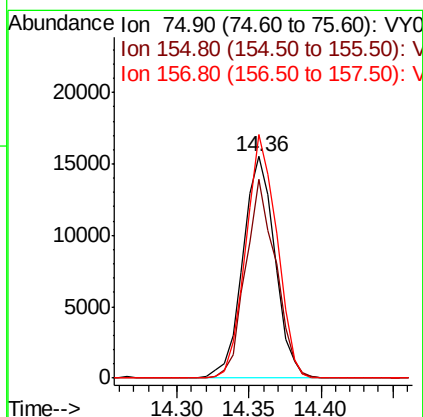
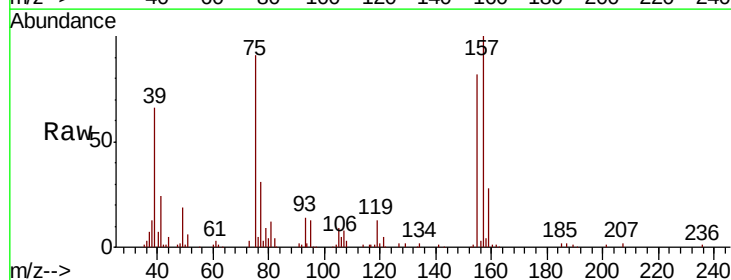
Instrument :
 MSVOA_Y
 ClientSampleId :

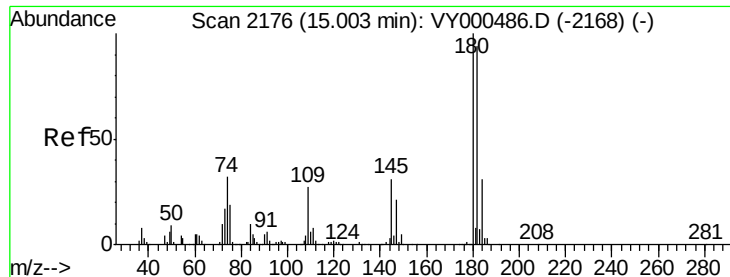
Tot Ion:146 Resp: 272970
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.5 61.5
 148 64.0 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.871 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

Tgt Ion: 75 Resp: 23911
 Ion Ratio Lower Upper
 75 100
 155 84.5 42.4 127.1
 157 105.7 55.1 165.3

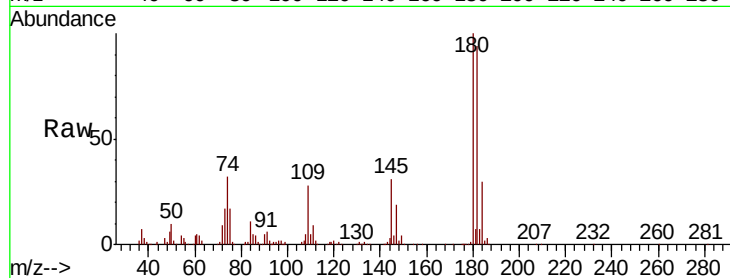




#93
 1,2,4-Trichlorobenzene
 Concen: 48.227 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.8	143.4
145	30.4	16.0	47.9

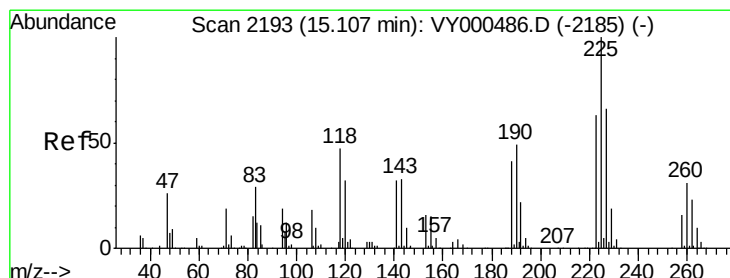
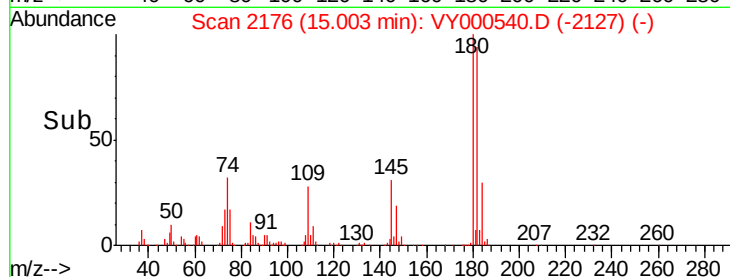
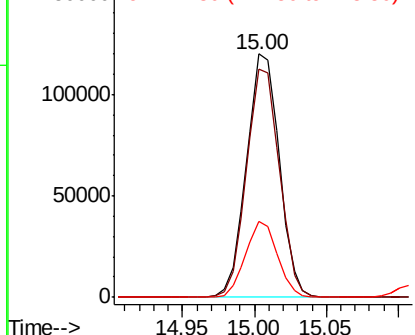


Abundance

Ion 179.80 (179.50 to 180.50): V

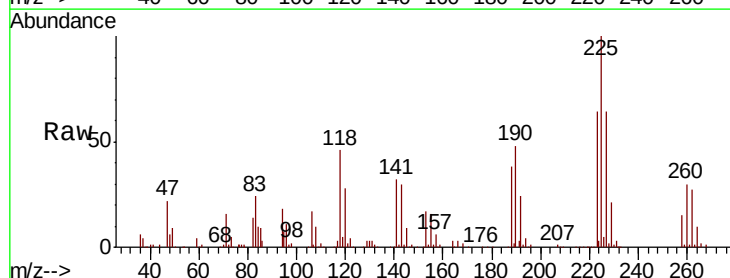
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 46.256 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000540.D
 Acq: 06 Nov 2019 10:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	31.3	93.8
227	64.3	32.4	97.0

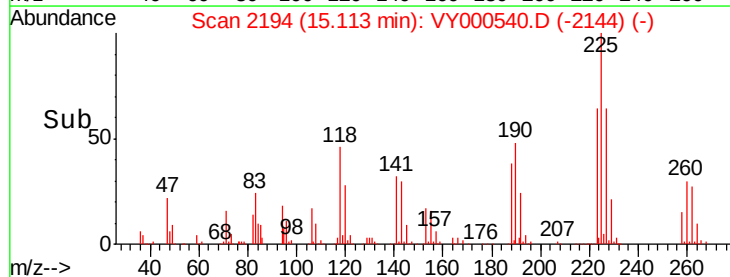
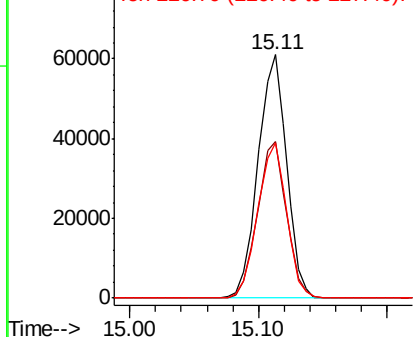


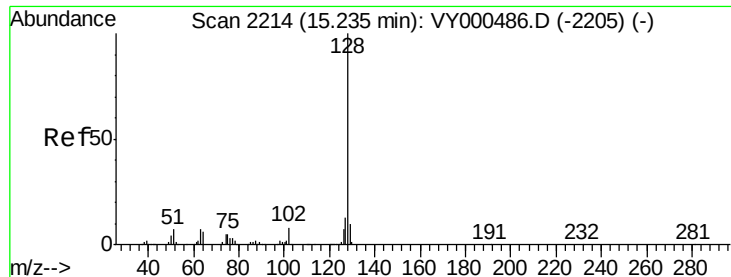
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

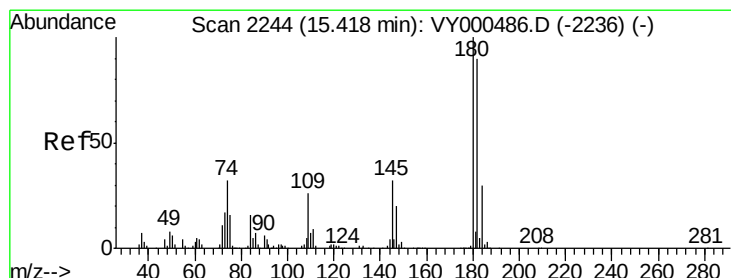
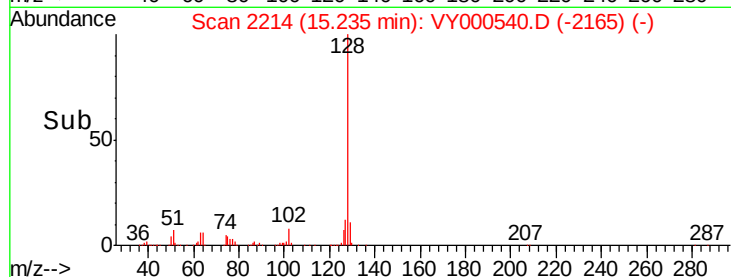
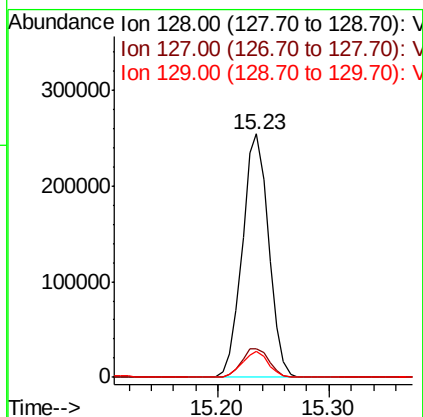
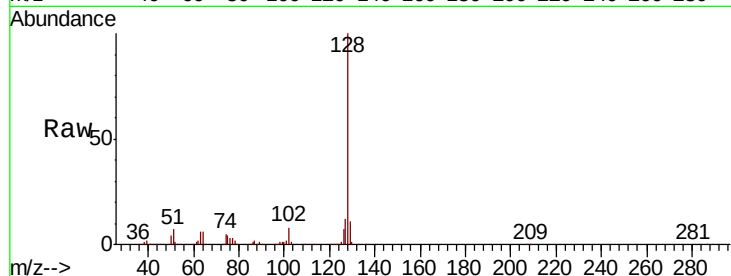




#95
Naphthalene
Concen: 47.983 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 416630
Ion Ratio Lower Upper
128 100
127 12.5 9.8 14.6
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 46.921 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000540.D
Acq: 06 Nov 2019 10:37

Tgt Ion:180 Resp: 164649
Ion Ratio Lower Upper
180 100
182 96.8 47.4 142.3
145 32.9 15.7 47.0

