

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091819\
 Data File : VY000067.D
 Acq On : 18 Sep 2019 17:49
 Operator : SY/MD
 Sample : MDL3
 Misc : 5.00µl/5.00ml/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 19 04:21:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 13:28:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	98868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	197690	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	173598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	72763	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	60454	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	
35) Dibromofluoromethane	7.73	113	57430	47.98	ug/l	0.01
Spiked Amount	50.000		Recovery	=	95.96%	
50) Toluene-d8	10.18	98	240870	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
62) 4-Bromofluorobenzene	12.48	95	84764	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	

Target Compounds

						Qvalue
4) Vinyl Chloride	2.25	62	5604	5.080	ug/l	93
5) Bromomethane	2.63	94	3865	3.842	ug/l	95
6) Chloroethane	2.78	64	4039	5.462	ug/l #	86
7) Trichlorofluoromethane	3.12	101	7445	4.881	ug/l	88
8) Diethyl Ether	3.53	74	3088	4.728	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.89	101	4841	4.626	ug/l	99
10) Methyl Iodide	4.09	142	4664	4.286	ug/l #	94
11) Tert butyl alcohol	4.98	59	3658	27.126	ug/l #	83
12) 1,1-Dichloroethene	3.87	96	4358	4.518	ug/l	97
13) Acrolein	3.72	56	876	Below Cal	#	1
14) Allyl chloride	4.47	41	7401	5.020	ug/l	100
15) Acrylonitrile	5.17	53	9315	23.785	ug/l	99
16) Acetone	3.95	43	8162	30.818	ug/l	95
17) Carbon Disulfide	4.19	76	10893	2.942	ug/l #	94
18) Methyl Acetate	4.49	43	4745	5.363	ug/l	95
19) Methyl tert-butyl Ether	5.23	73	13443	4.459	ug/l	94
20) Methylene Chloride	4.71	84	8170	6.558	ug/l	88
21) trans-1,2-Dichloroethene	5.22	96	5425	5.059	ug/l	93
22) Diisopropyl ether	6.13	45	15404	4.624	ug/l #	82
23) Vinyl Acetate	6.06	43	47025	21.092	ug/l	100
24) 1,1-Dichloroethane	6.02	63	9365	4.750	ug/l	96
25) 2-Butanone	6.99	43	11655	24.296	ug/l	92
26) 2,2-Dichloropropane	6.99	77	10085	5.420	ug/l	88
27) cis-1,2-Dichloroethene	6.99	96	6617	4.874	ug/l	92
28) Bromochloromethane	7.34	49	4783	5.233	ug/l #	90
29) Tetrahydrofuran	7.35	42	6624	23.002	ug/l	94
30) Chloroform	7.51	83	9669	4.752	ug/l	97
31) Cyclohexane	7.79	56	10566	3.339	ug/l #	75
32) 1,1,1-Trichloroethane	7.70	97	7758	4.694	ug/l	98
36) 1,1-Dichloropropene	7.92	75	6824	4.616	ug/l	96
37) Ethyl Acetate	7.09	43	4692	4.762	ug/l	97
38) Carbon Tetrachloride	7.90	117	6097	4.370	ug/l	84
39) Methylcyclohexane	9.18	83	8640	4.753	ug/l #	93
40) Benzene	8.16	78	22358	4.579	ug/l	97

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

41) Methacrylonitrile	7.31	41	2098	6.822	ug/l #	53
42) 1,2-Dichloroethane	8.24	62	5575	4.311	ug/l	96
43) Isopropyl Acetate	8.28	43	8481	4.401	ug/l	92
44) Trichloroethene	8.94	130	5221	4.186	ug/l	98
45) 1,2-Dichloropropane	9.22	63	6299	4.981	ug/l	100
46) Dibromomethane	9.31	93	3109	4.501	ug/l	88
47) Bromodichloromethane	9.50	83	7766	4.633	ug/l	98
48) Methyl methacrylate	9.29	41	4095	4.832	ug/l	94
49) 1,4-Dioxane	9.31	88	1147	85.518	ug/l #	80
51) 4-Methyl-2-Pentanone	10.07	43	23243	22.092	ug/l	99
52) Toluene	10.24	92	14502	4.675	ug/l	96
53) t-1,3-Dichloropropene	10.47	75	7442	4.187	ug/l	91
54) cis-1,3-Dichloropropene	9.93	75	8979	4.375	ug/l #	90
55) 1,1,2-Trichloroethane	10.64	97	4797	4.429	ug/l	91
56) Ethyl methacrylate	10.51	69	6570	4.263	ug/l	95
57) 1,3-Dichloropropane	10.79	76	7898	4.341	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	19519	23.430	ug/l	98
59) 2-Hexanone	10.83	43	15698	20.914	ug/l	92
60) Dibromochloromethane	10.99	129	4915	4.332	ug/l	90
61) 1,2-Dibromoethane	11.09	107	4653	4.704	ug/l	96
64) Tetrachloroethene	10.71	164	5094	4.675	ug/l	82
65) Chlorobenzene	11.51	112	14181	4.130	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.59	131	4820	4.151	ug/l	96
67) Ethyl Benzene	11.59	91	26863	4.384	ug/l	99
68) m/p-Xylenes	11.70	106	21188	9.087	ug/l	99
69) o-Xylene	12.02	106	9217	4.082	ug/l	90
70) Styrene	12.04	104	16623	4.194	ug/l	98
71) Bromoform	12.20	173	2553	3.798	ug/l #	97
73) Isopropylbenzene	12.32	105	26260	4.478	ug/l	98
74) N-amyl acetate	12.14	43	7256	4.343	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	6633	4.805	ug/l	96
76) 1,2,3-Trichloropropane	12.63	75	7973	7.788	ug/l #	100
77) Bromobenzene	12.60	156	5706	4.660	ug/l	96
78) n-propylbenzene	12.67	91	32349	4.522	ug/l	97
79) 2-Chlorotoluene	12.75	91	17887	4.473	ug/l	93
80) 1,3,5-Trimethylbenzene	12.80	105	21217	4.368	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.37	75	2296	4.313	ug/l	92
82) 4-Chlorotoluene	12.85	91	18278	4.420	ug/l	98
83) tert-Butylbenzene	13.07	119	18644	4.486	ug/l	96
84) 1,2,4-Trimethylbenzene	13.12	105	20833	4.350	ug/l	100
85) sec-Butylbenzene	13.25	105	27809	4.529	ug/l	99
86) p-Isopropyltoluene	13.37	119	22849	4.390	ug/l	97
87) 1,3-Dichlorobenzene	13.37	146	10320	4.249	ug/l	97
88) 1,4-Dichlorobenzene	13.44	146	11412	4.676	ug/l	94
89) n-Butylbenzene	13.69	91	23678	4.422	ug/l	97
90) Hexachloroethane	13.96	117	4382	4.285	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	9973	4.370	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.35	75	1266	5.151	ug/l	78
93) 1,2,4-Trichlorobenzene	15.00	180	5781	4.198	ug/l	95
94) Hexachlorobutadiene	15.10	225	2561	3.874	ug/l	94

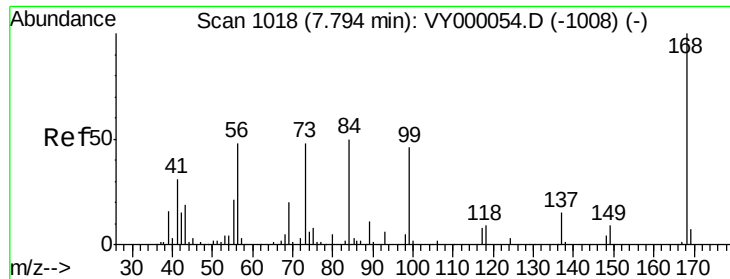
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.23	128	16994	4.347	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	5325	4.052	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VY000067.D

Acq: 18 Sep 2019 17:49

Instrument :

MSVOA_Y

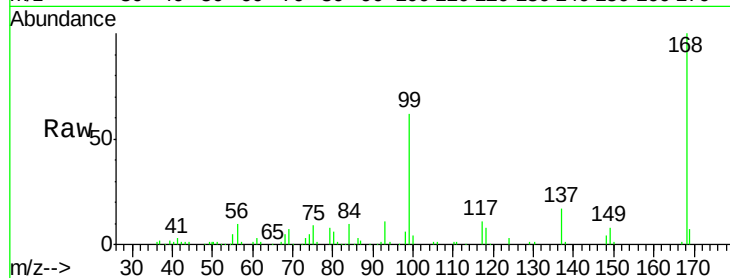
ClientSampleId :

Tot Ion:168 Resp: 98868

Ion Ratio Lower Upper

168 100

99 62.4 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): VY000054.D (-1008) (-)

Ion 98.90 (98.60 to 99.60): VY000054.D (-1008) (-)

7.79

50000

40000

30000

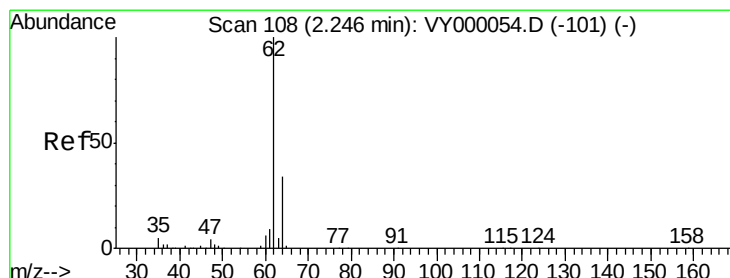
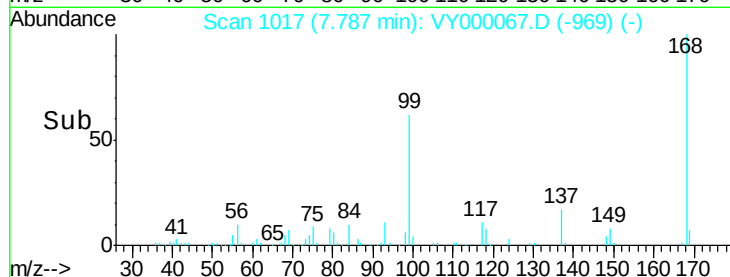
20000

10000

0

7.70 7.80 7.90

Time-->



#4

Vinyl Chloride

Concen: 5.080 ug/l

RT: 2.25 min Scan# 108

Delta R.T. -0.00 min

Lab File: VY000067.D

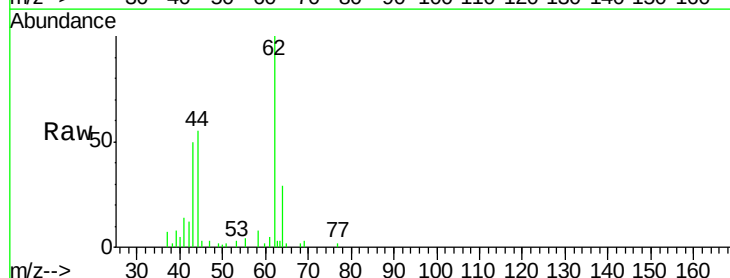
Acq: 18 Sep 2019 17:49

Tgt Ion: 62 Resp: 5604

Ion Ratio Lower Upper

62 100

64 29.4 26.9 40.3



Abundance Ion 61.90 (61.60 to 62.60): VY000054.D (-101) (-)

Ion 63.90 (63.60 to 64.60): VY000054.D (-101) (-)

2.25

4000

3000

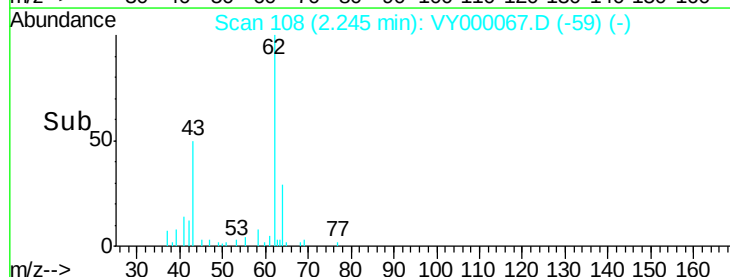
2000

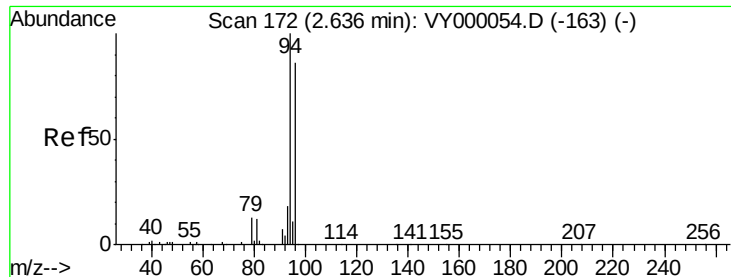
1000

0

2.20 2.25 2.30

Time-->





#5

Bromomethane

Concen: 3.842 ug/l

RT: 2.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VY000067.D

Acq: 18 Sep 2019 17:49

Instrument :

MSVOA_Y

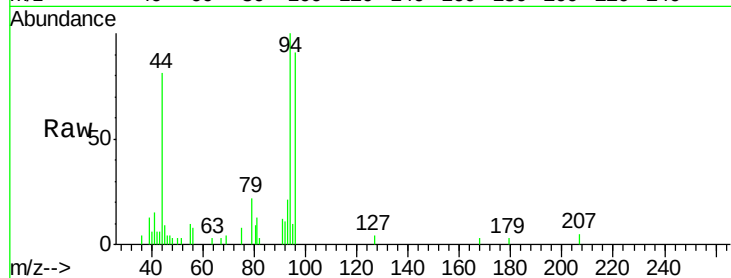
ClientSampleId :

Tot Ion: 94 Resp: 3865

Ion Ratio Lower Upper

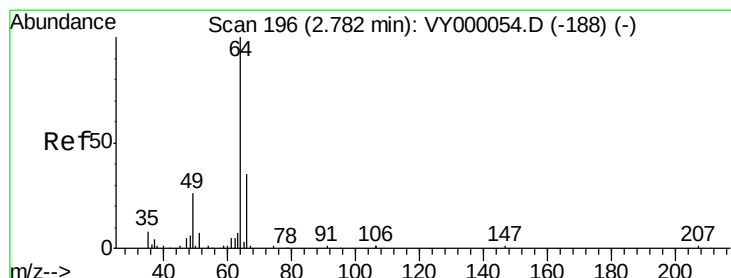
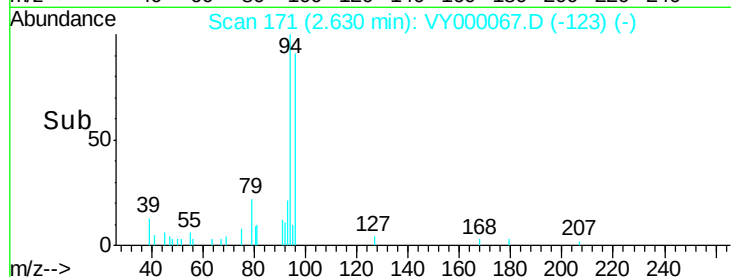
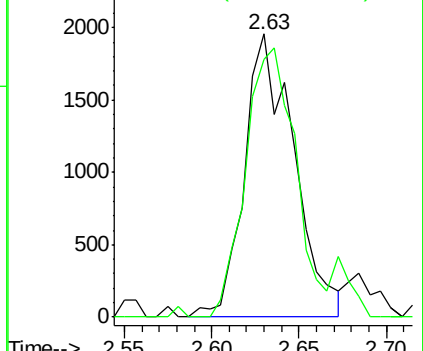
94 100

96 91.1 69.1 103.7



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 5.462 ug/l

RT: 2.78 min Scan# 196

Delta R.T. -0.00 min

Lab File: VY000067.D

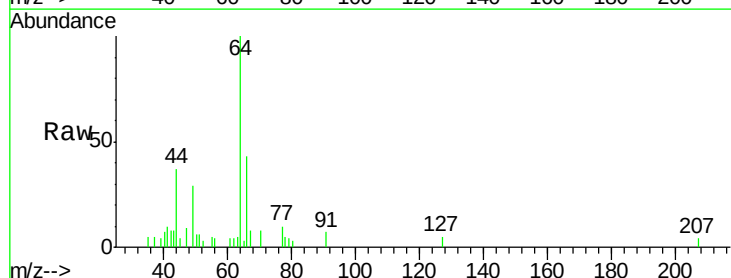
Acq: 18 Sep 2019 17:49

Tgt Ion: 64 Resp: 4039

Ion Ratio Lower Upper

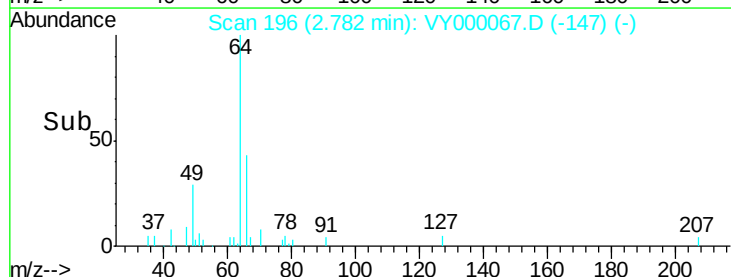
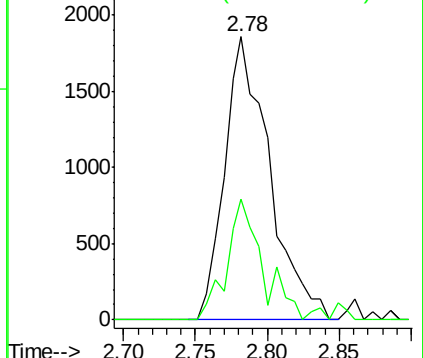
64 100

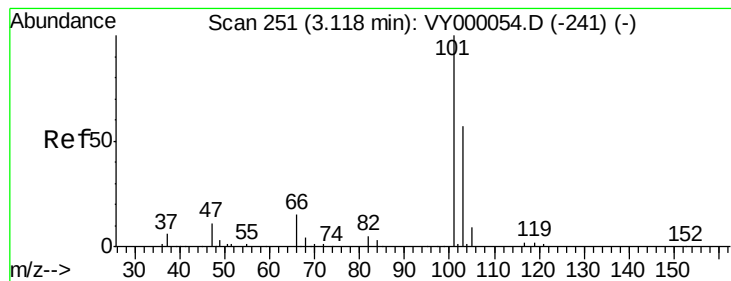
66 42.8 27.7 41.5#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



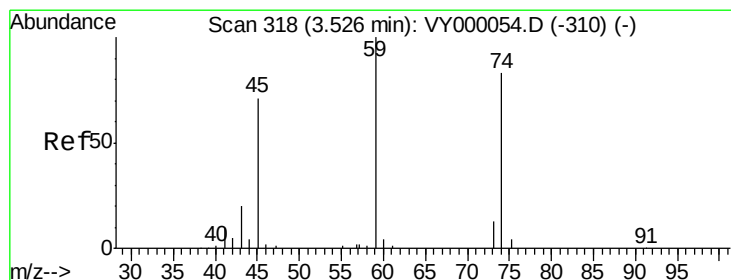
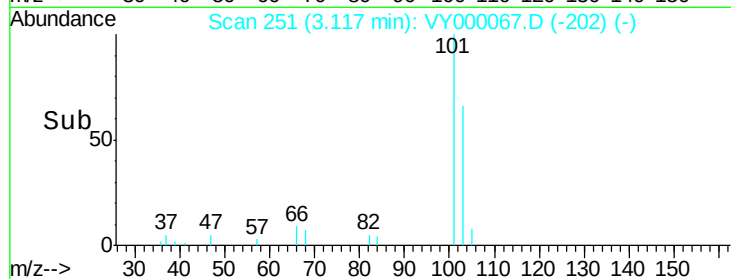
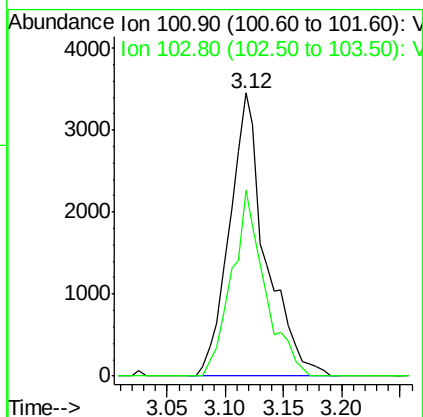
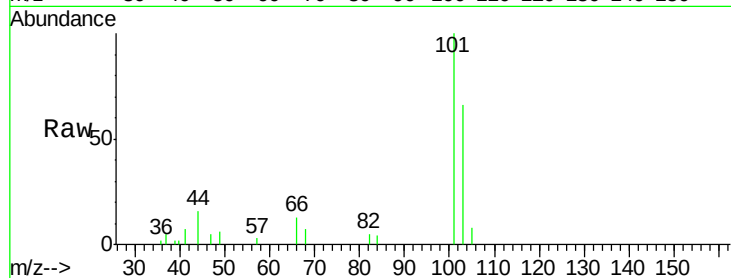


#7

Trichlorofluoromethane
Concen: 4.881 ug/l
RT: 3.12 min Scan# 251
Delta R.T. -0.00 min
Lab File: VY000067.D
Acq: 18 Sep 2019 17:49

Instrument :
MSVOA_Y
ClientSampleId :

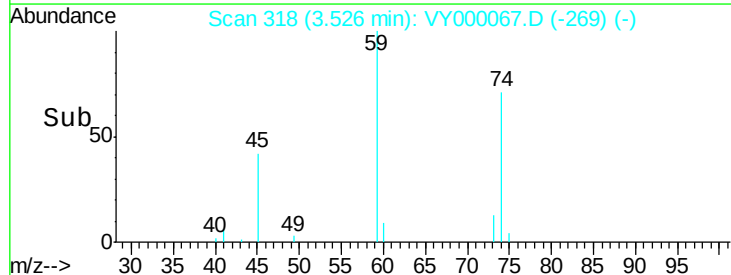
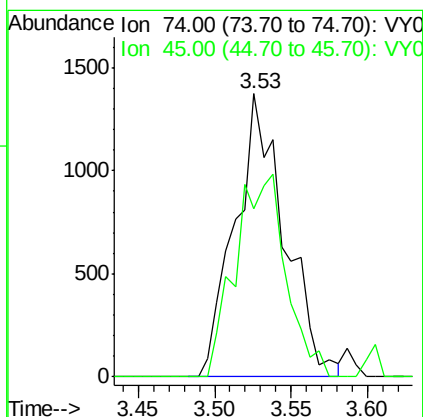
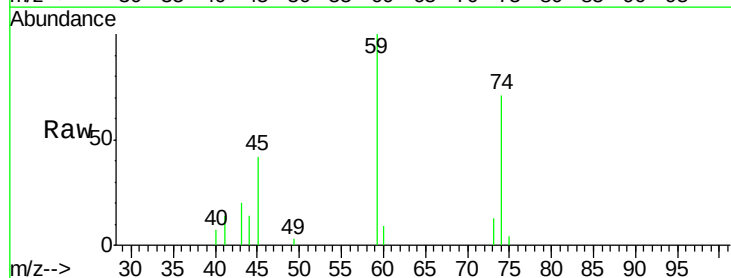
Tot Ion:101 Resp: 7445
Ion Ratio Lower Upper
101 100
103 65.9 45.7 68.5

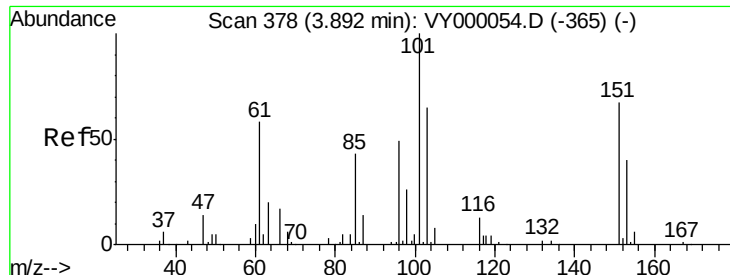


#8

Diethyl Ether
Concen: 4.728 ug/l
RT: 3.53 min Scan# 318
Delta R.T. -0.00 min
Lab File: VY000067.D
Acq: 18 Sep 2019 17:49

Tgt Ion: 74 Resp: 3088
Ion Ratio Lower Upper
74 100
45 73.5 40.6 122.0

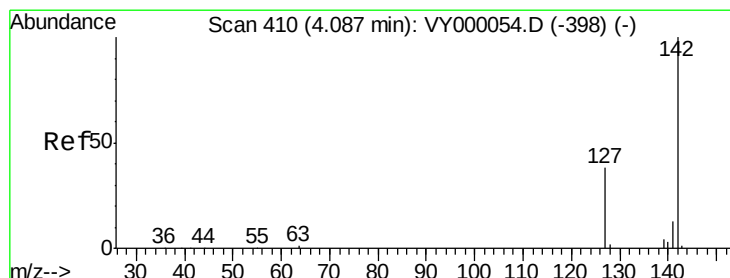
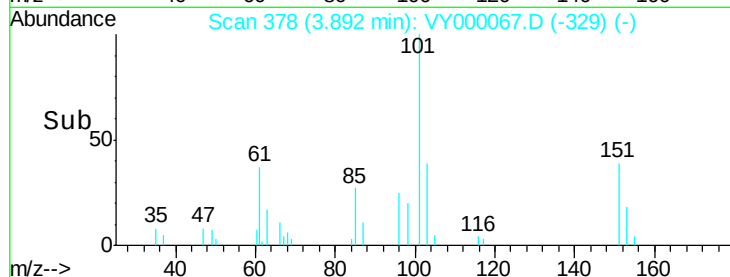
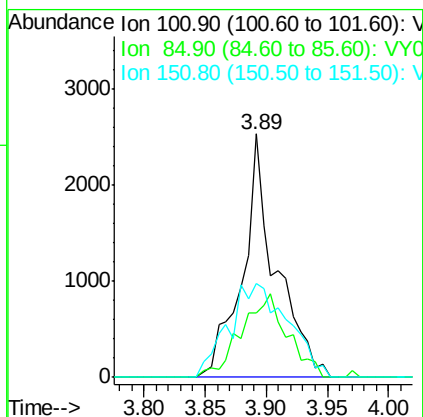
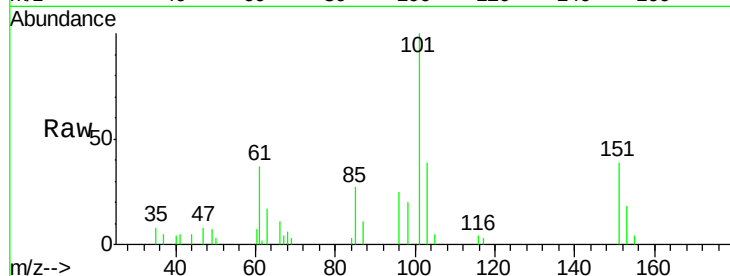




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 4.626 ug/l
 RT: 3.89 min Scan# 378
 Delta R.T. -0.00 min
 Lab File: VY000067.D
 Acq: 18 Sep 2019 17:49

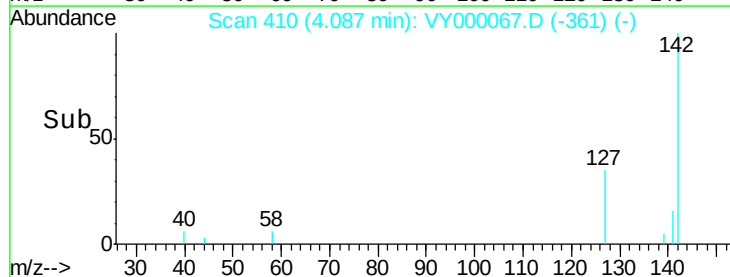
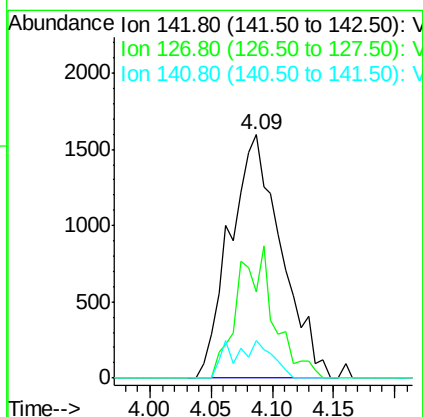
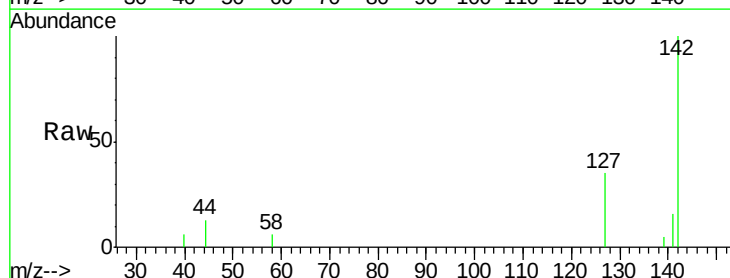
Instrument :
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 ClientSampleId :

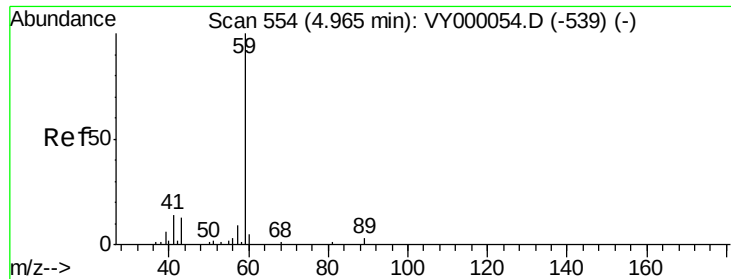
Tot Ion:101 Resp: 4841
 Ion Ratio Lower Upper
 101 100
 85 47.2 36.8 55.2
 151 68.4 54.4 81.6



#10
 Methyl Iodide
 Concen: 4.286 ug/l
 RT: 4.09 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: VY000067.D
 Acq: 18 Sep 2019 17:49

Tgt Ion:142 Resp: 4664
 Ion Ratio Lower Upper
 142 100
 127 38.9 31.6 47.4
 141 6.0 10.9 16.3#



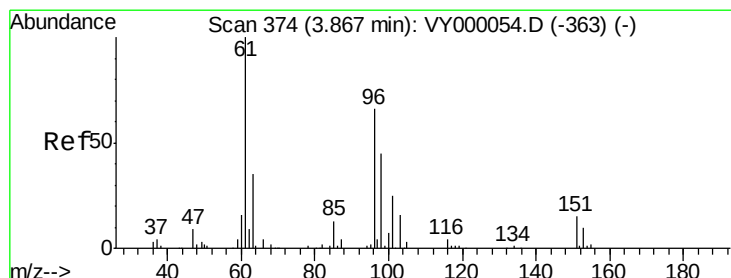
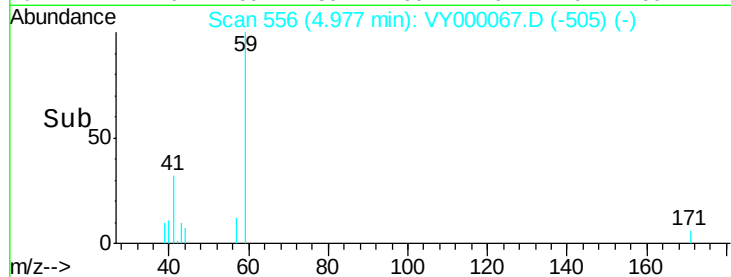
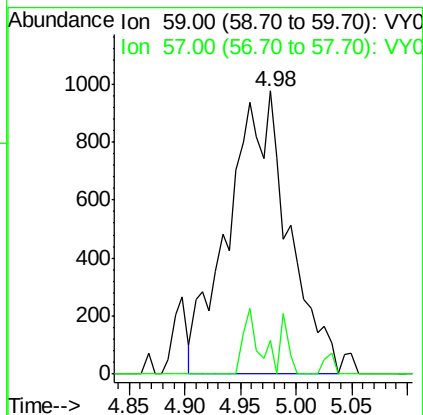
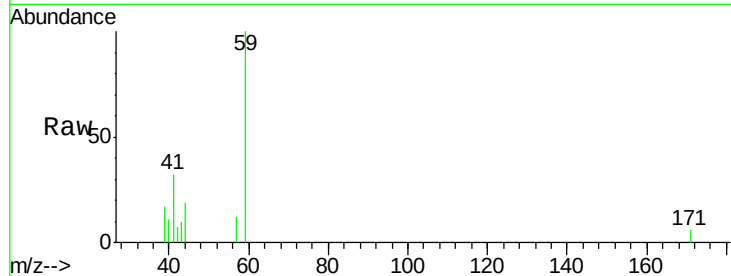


#11

Tert butyl alcohol
 Concen: 27.126 ug/l
 RT: 4.98 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: VY000067.D
 Acq: 18 Sep 2019 17:49

Instrument :
 MSVOA_Y
 ClientSampled :

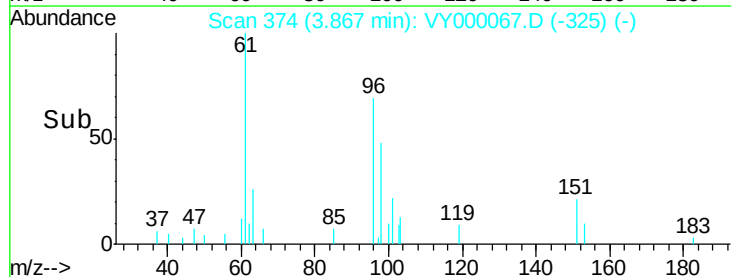
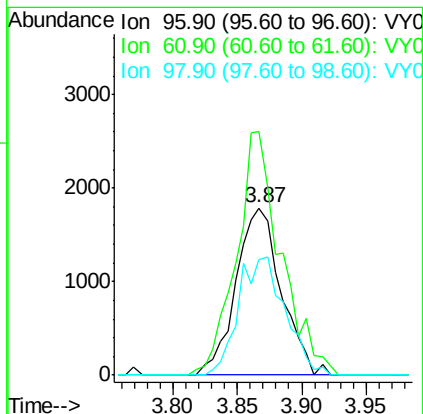
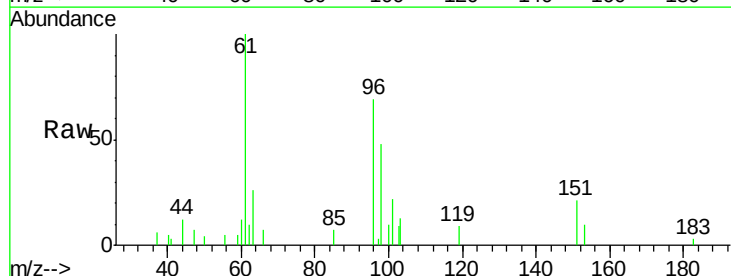
Tot Ion: 59 Resp: 3658
 Ion Ratio Lower Upper
 59 100
 57 3.9 8.0 12.0#

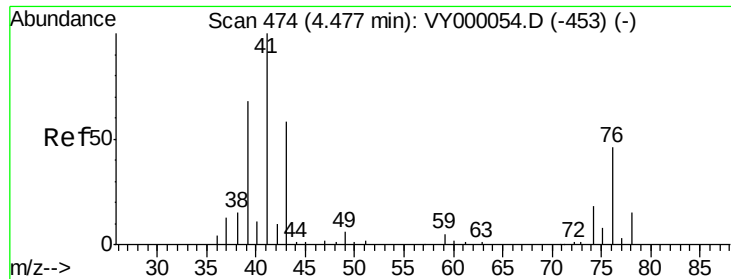


#12

1,1-Dichloroethene
 Concen: 4.518 ug/l
 RT: 3.87 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VY000067.D
 Acq: 18 Sep 2019 17:49

Tgt Ion: 96 Resp: 4358
 Ion Ratio Lower Upper
 96 100
 61 145.4 120.4 180.6
 98 69.2 54.1 81.1

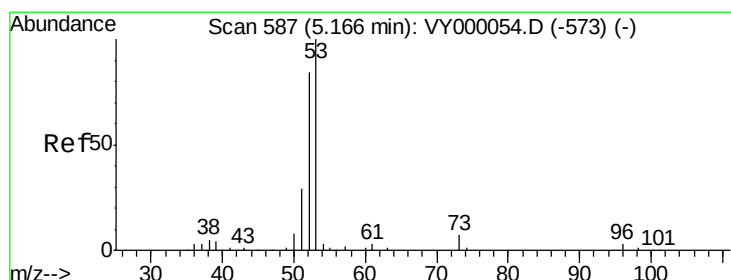
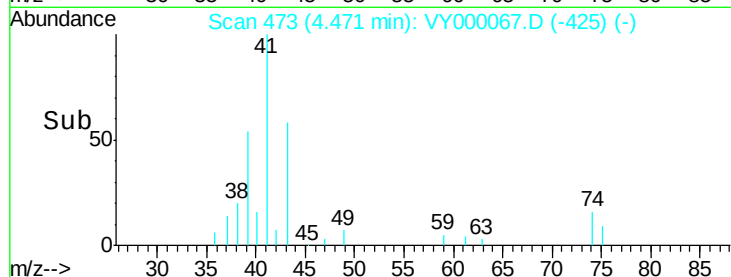
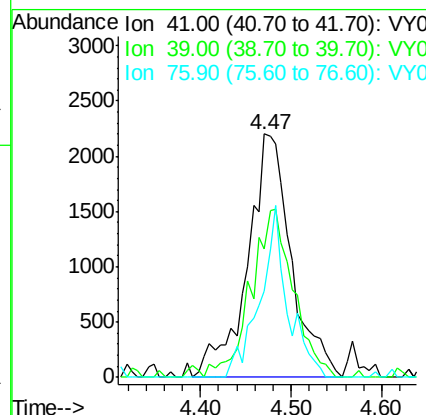
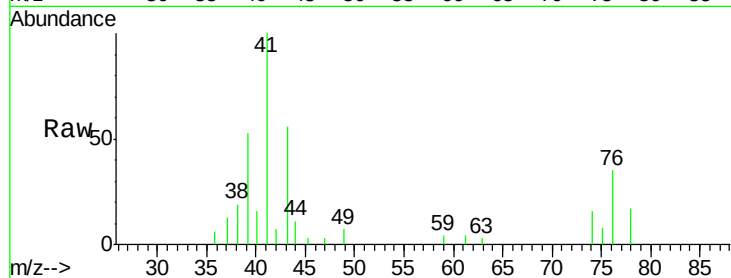




#14
Allvl chloride
Concen: 5.020 ug/l
RT: 4.47 min Scan# 473
Delta R.T. -0.01 min
Lab File: VY000067.D
Acq: 18 Sep 2019 17:49

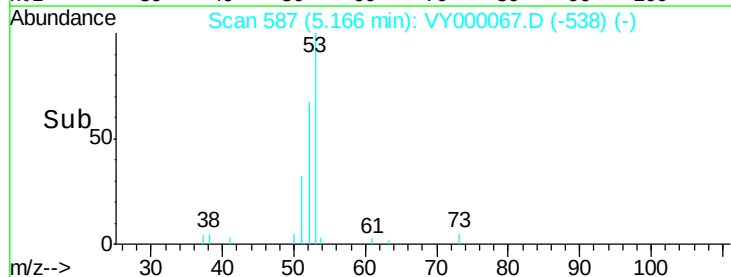
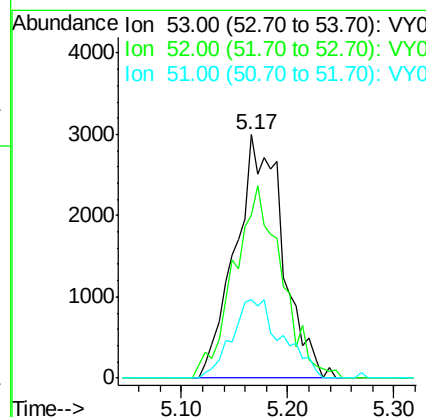
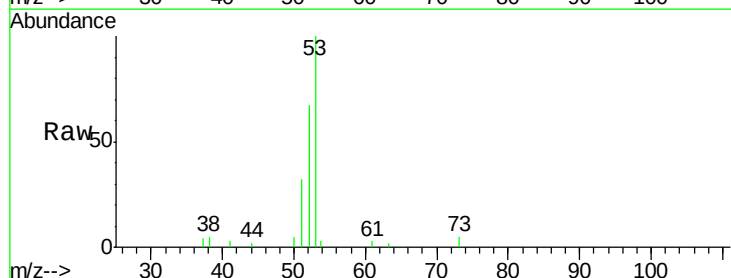
Instrument :
MSVOA_Y
ClientSampled :

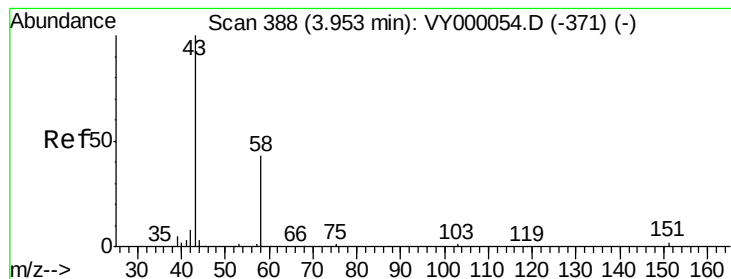
Tot Ion: 41 Resp: 7401
Ion Ratio Lower Upper
41 100
39 66.4 52.7 79.1
76 44.5 35.5 53.3



#15
Acrylonitrile
Concen: 23.785 ug/l
RT: 5.17 min Scan# 587
Delta R.T. -0.00 min
Lab File: VY000067.D
Acq: 18 Sep 2019 17:49

Tgt Ion: 53 Resp: 9315
Ion Ratio Lower Upper
53 100
52 80.4 64.7 97.1
51 34.1 26.7 40.1





#16

Acetone

Concen: 30.818 ug/l

RT: 3.95 min Scan# 388

Delta R.T. -0.00 min

Lab File: VY000067.D

Acq: 18 Sep 2019 17:49

Instrument :

MSVOA_Y

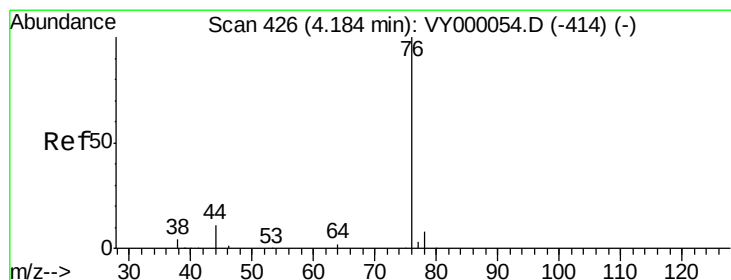
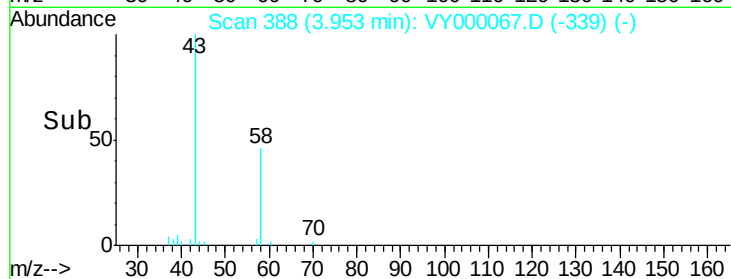
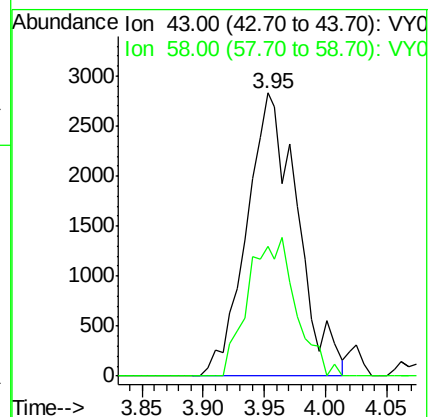
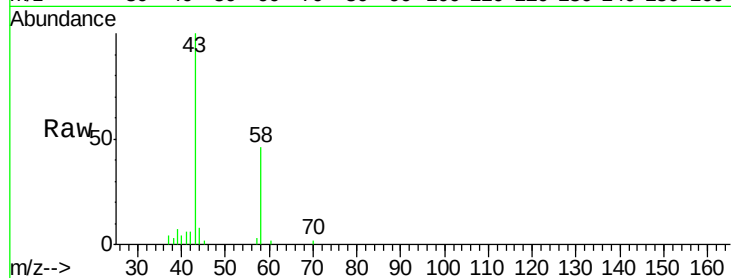
ClientSampleId :

Tot Ion: 43 Resp: 8162

Ion Ratio Lower Upper

43 100

58 46.0 34.5 51.7



#17

Carbon Disulfide

Concen: 2.942 ug/l

RT: 4.19 min Scan# 427

Delta R.T. 0.01 min

Lab File: VY000067.D

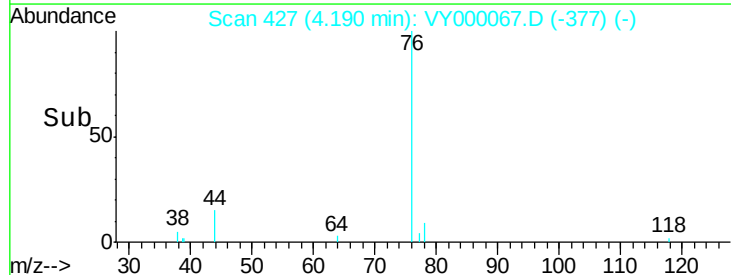
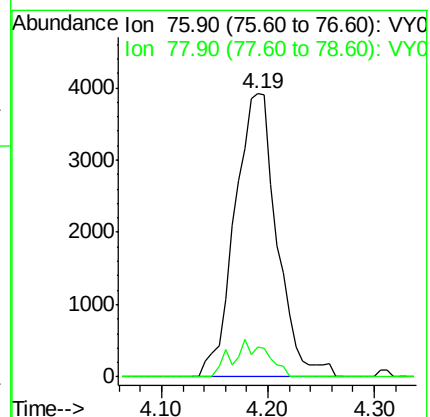
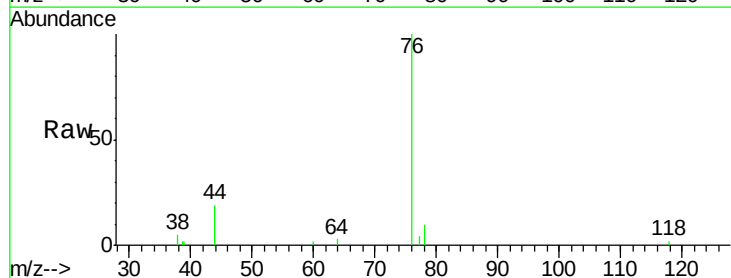
Acq: 18 Sep 2019 17:49

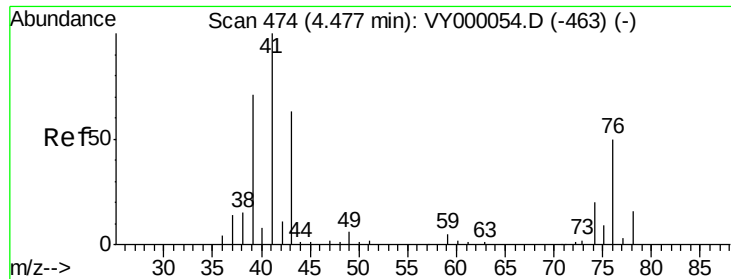
Tgt Ion: 76 Resp: 10893

Ion Ratio Lower Upper

76 100

78 10.4 6.6 9.8#

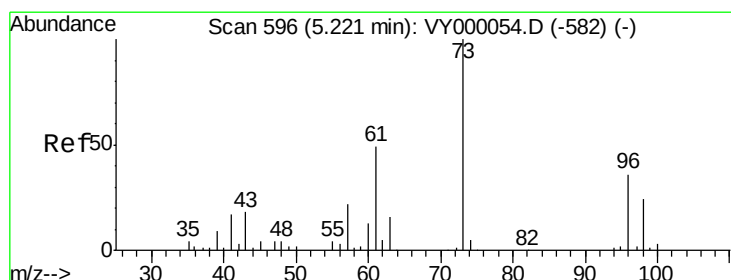
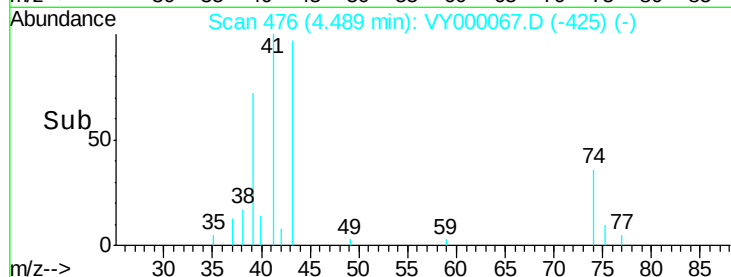
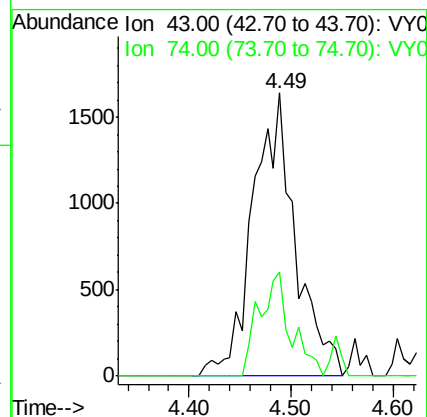
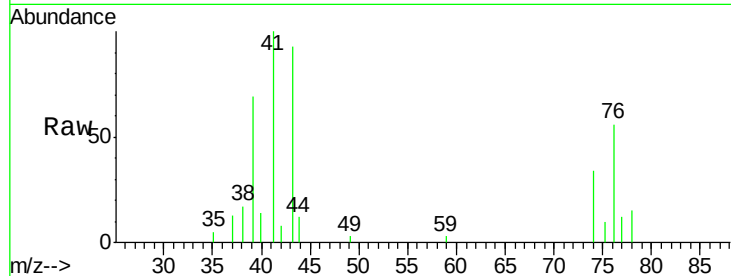




#18
Methyl Acetate
Concen: 5.363 ug/l
RT: 4.49 min Scan# 476
Delta R.T. 0.01 min
Lab File: VY000067.D
Acq: 18 Sep 2019 17:49

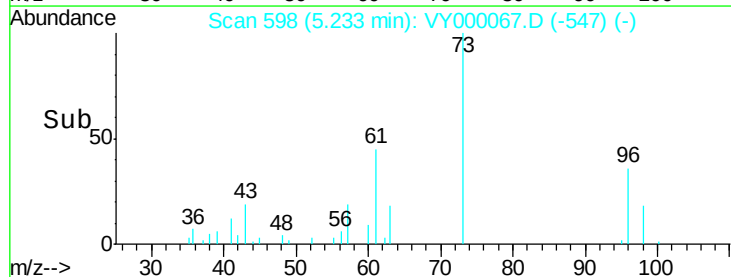
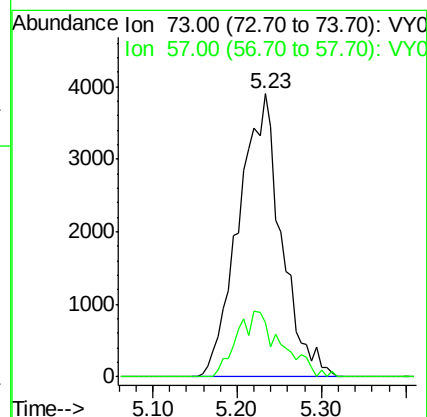
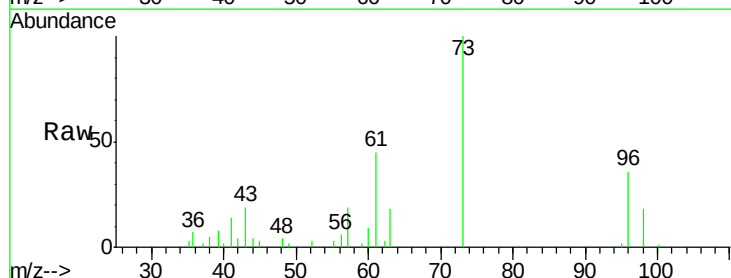
Instrument :
MSVOA_Y
ClientSampled :

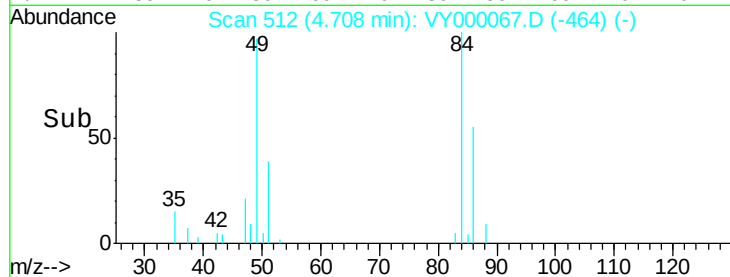
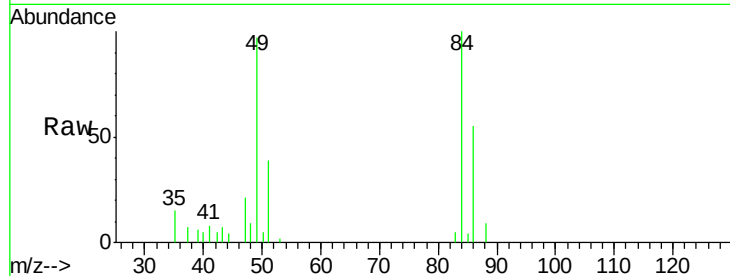
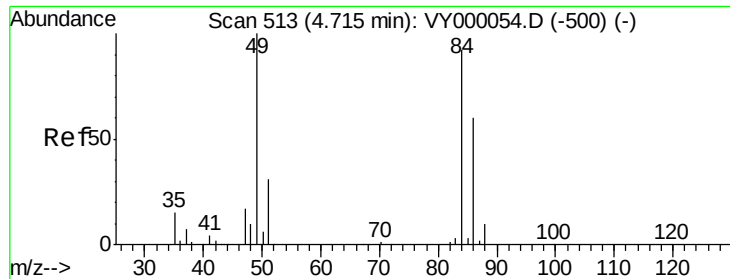
Tot Ion: 43 Resp: 4745
Ion Ratio Lower Upper
43 100
74 27.4 24.1 36.1



#19
Methyl tert-butyl Ether
Concen: 4.459 ug/l
RT: 5.23 min Scan# 598
Delta R.T. 0.01 min
Lab File: VY000067.D
Acq: 18 Sep 2019 17:49

Tgt Ion: 73 Resp: 13443
Ion Ratio Lower Upper
73 100
57 19.1 17.5 26.3

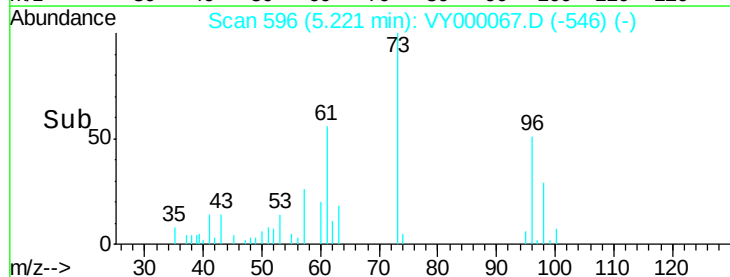
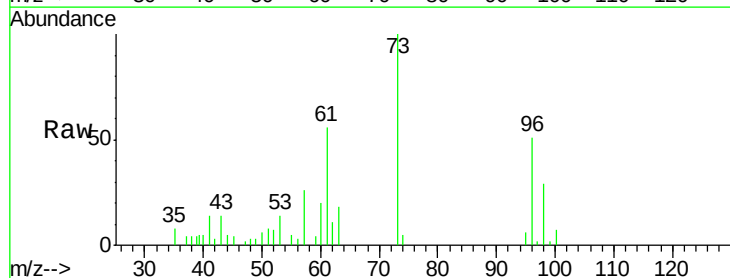
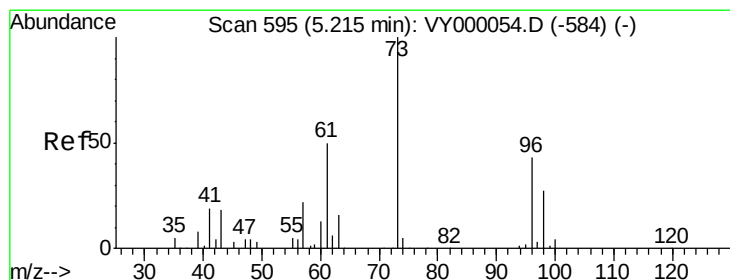
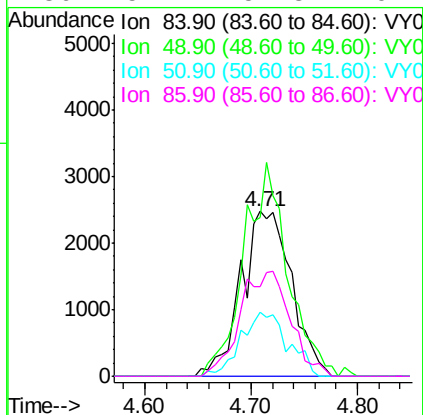




#20
Methylene Chloride
Concen: 6.558 ug/l
RT: 4.71 min Scan# 512
Delta R.T. -0.01 min
Lab File: VY000067.D
Acq: 18 Sep 2019 17:49

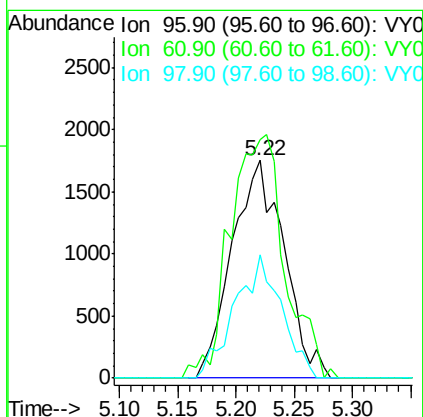
Instrument :
MSVOA_Y
ClientSampleId :

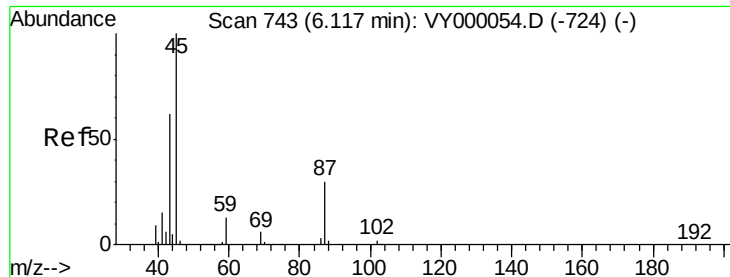
Tot Ion:	84	Resp:	8170
Ion	Ratio	Lower	Upper
84	100		
49	96.7	87.4	131.0
51	38.6	27.2	40.8
86	54.7	52.8	79.2



#21
trans-1,2-Dichloroethene
Concen: 5.059 ug/l
RT: 5.22 min Scan# 596
Delta R.T. 0.01 min
Lab File: VY000067.D
Acq: 18 Sep 2019 17:49

Tgt Ion:	96	Resp:	5425
Ion	Ratio	Lower	Upper
96	100		
61	109.4	94.0	141.0
98	56.9	50.3	75.5

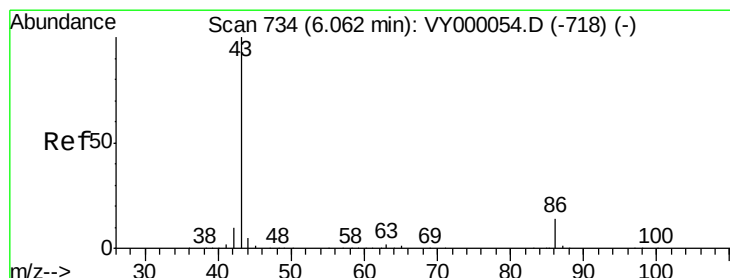
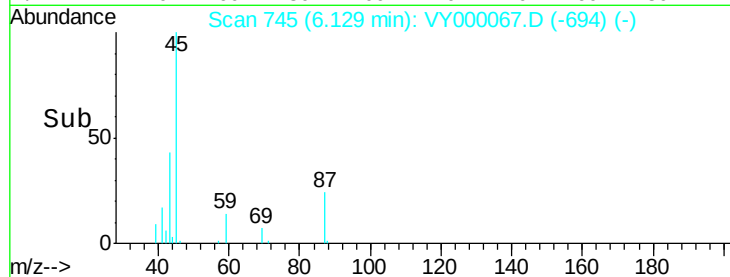
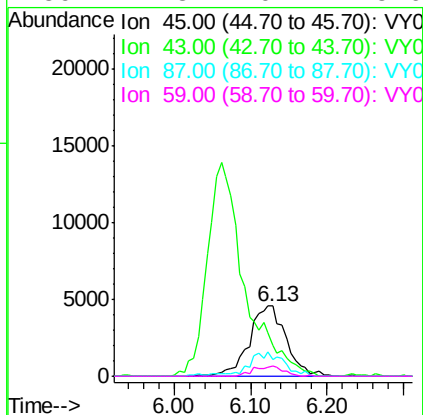
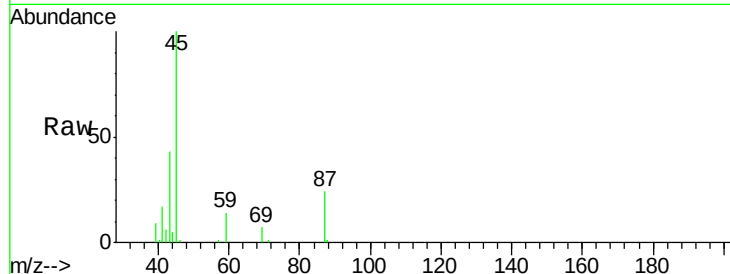




#22
Diisopropyl ether
Concen: 4.624 ug/l
RT: 6.13 min Scan# 745
Delta R.T. 0.01 min
Lab File: VY000067.D
Acq: 18 Sep 2019 17:49

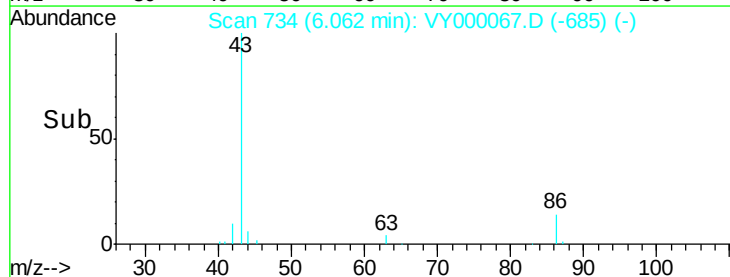
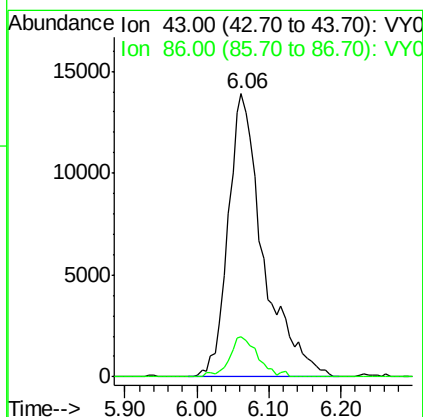
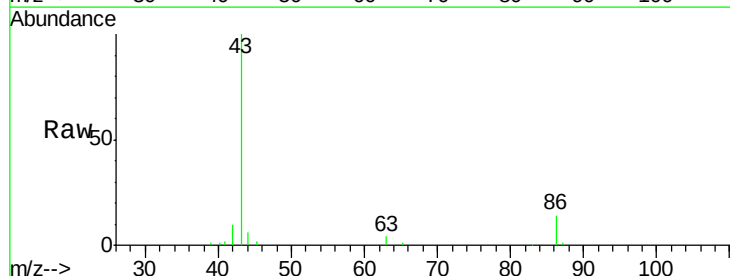
Instrument :
MSVOA_Y
ClientSampled :

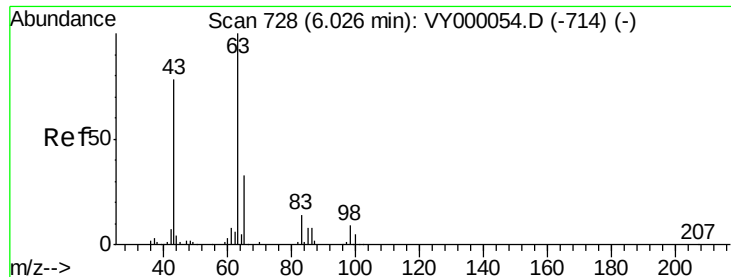
Tot Ion:	45	Resp:	15404
Ion	Ratio	Lower	Upper
45	100		
43	43.4	49.9	74.9#
87	24.3	25.0	37.4#
59	14.3	10.4	15.6



#23
Vinyl Acetate
Concen: 21.092 ug/l
RT: 6.06 min Scan# 734
Delta R.T. -0.00 min
Lab File: VY000067.D
Acq: 18 Sep 2019 17:49

Tgt Ion:	43	Resp:	47025
Ion	Ratio	Lower	Upper
43	100		
86	14.2	11.3	16.9





#24

1,1-Dichloroethane

Concen: 4.750 ug/l

RT: 6.02 min Scan# 727

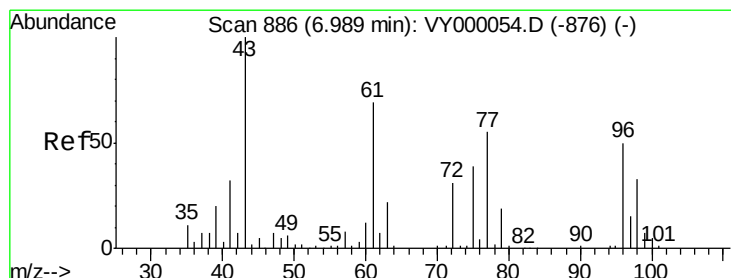
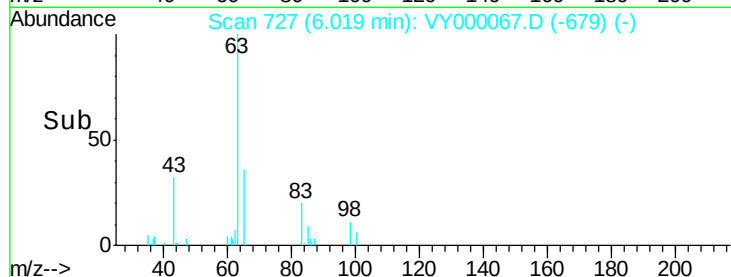
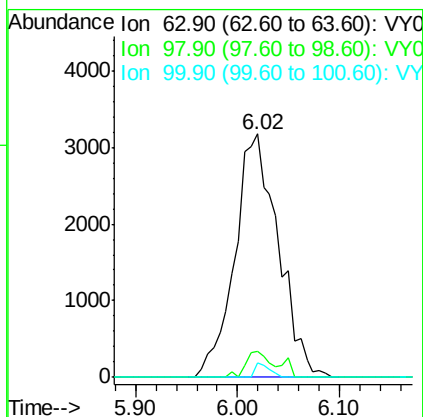
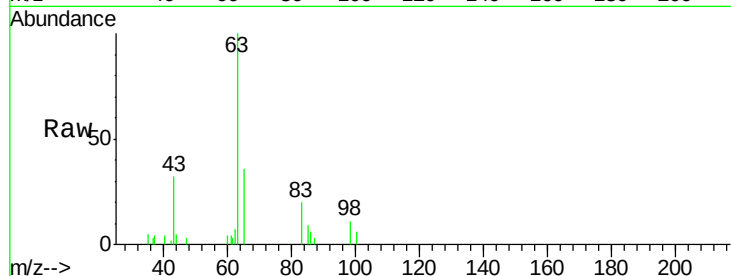
Delta R.T. -0.01 min

Lab File: VY000067.D

Acq: 18 Sep 2019 17:49

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	63	Resp:	9365
Ion	Ratio	Lower	Upper
63	100		
98	10.6	4.5	13.5
100	6.1	2.5	7.5



#25

2-Butanone

Concen: 24.296 ug/l

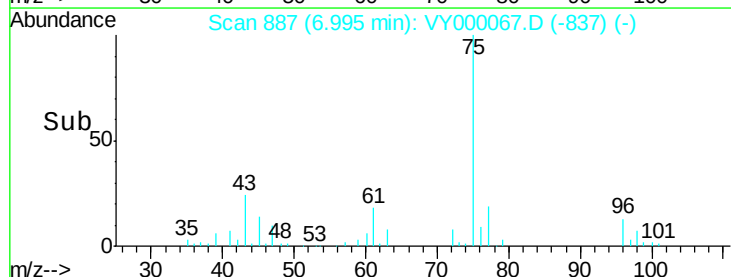
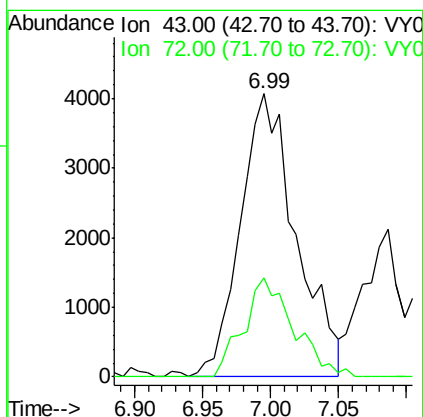
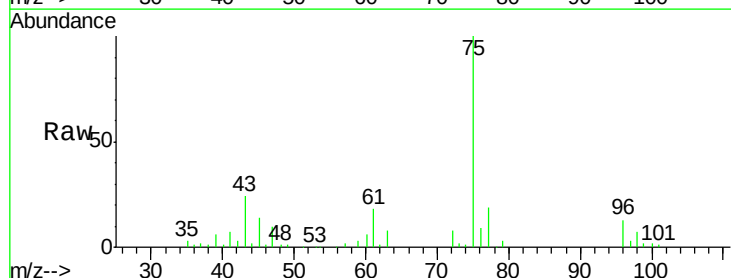
RT: 6.99 min Scan# 887

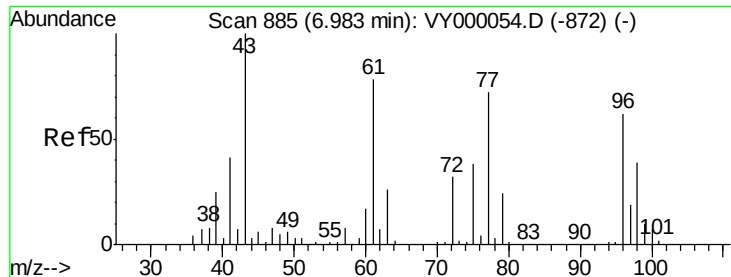
Delta R.T. 0.01 min

Lab File: VY000067.D

Acq: 18 Sep 2019 17:49

Tgt Ion:	43	Resp:	11655
Ion	Ratio	Lower	Upper
43	100		
72	35.1	24.7	37.1

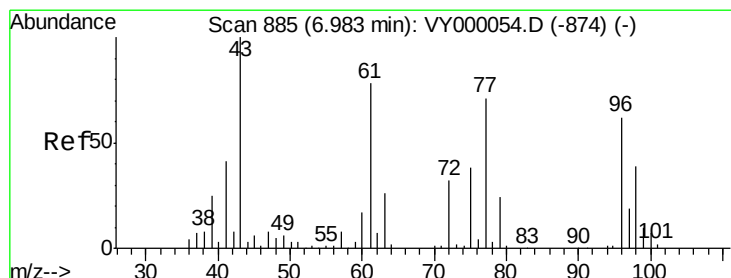
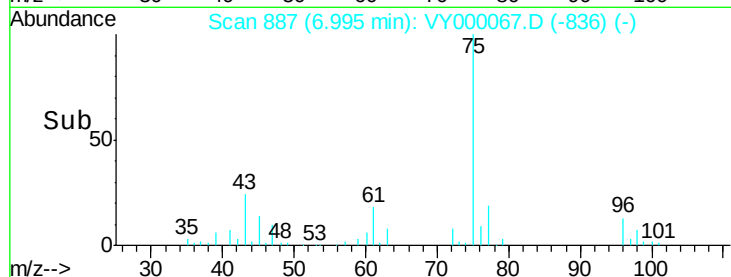
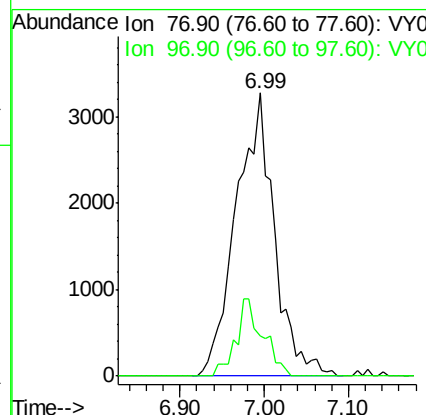
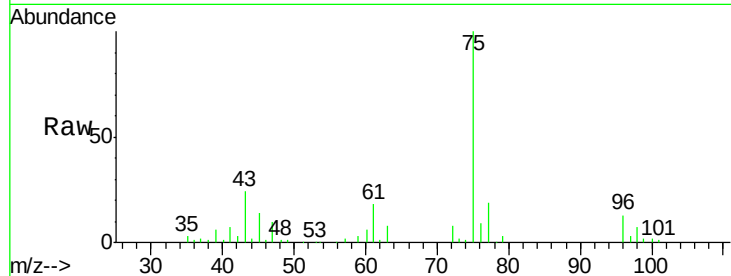




#26
 2,2-Dichloropropane
 Concen: 5.420 ug/l
 RT: 6.99 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VY000067.D
 Acq: 18 Sep 2019 17:49

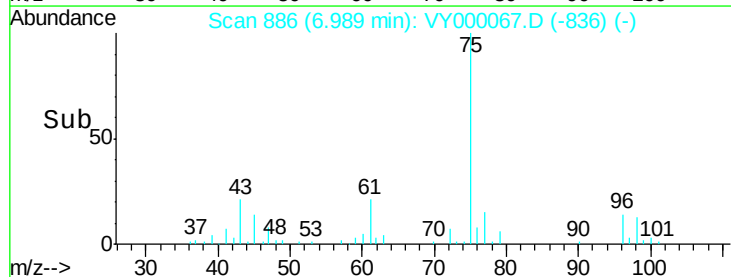
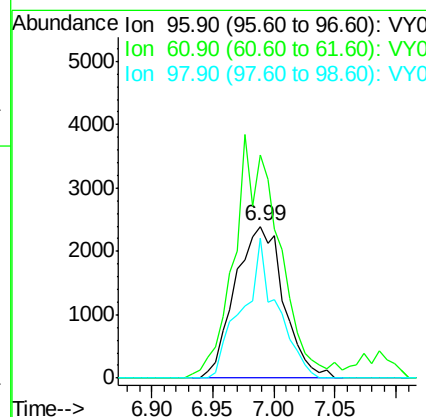
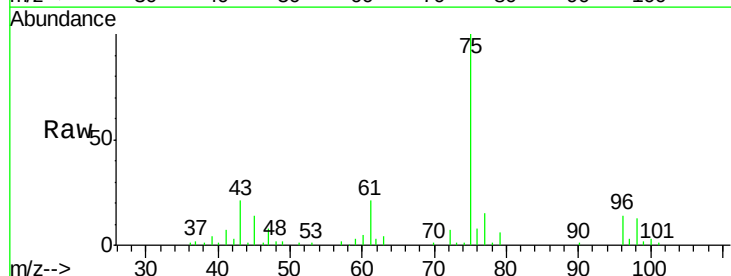
Instrument :
 MSVOA_Y
 ClientSampleId :

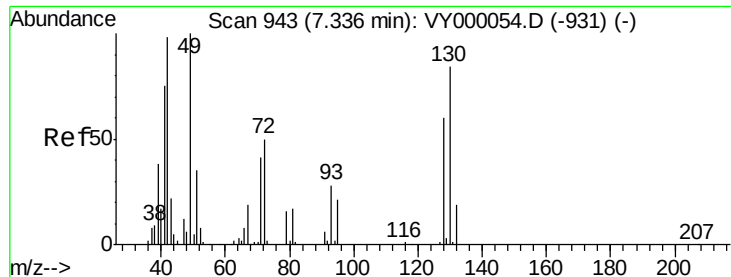
Tot Ion: 77 Resp: 10085
 Ion Ratio Lower Upper
 77 100
 97 19.2 12.5 37.5



#27
 cis-1,2-Dichloroethene
 Concen: 4.874 ug/l
 RT: 6.99 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: VY000067.D
 Acq: 18 Sep 2019 17:49

Tgt Ion: 96 Resp: 6617
 Ion Ratio Lower Upper
 96 100
 61 145.1 0.0 263.0
 98 65.9 0.0 130.2





#28

Bromochloromethane

Concen: 5.233 ug/l

RT: 7.34 min Scan# 944

Delta R.T. 0.01 min

Lab File: VY000067.D

Acq: 18 Sep 2019 17:49

Instrument :
MSVOA_Y
ClientSampled :

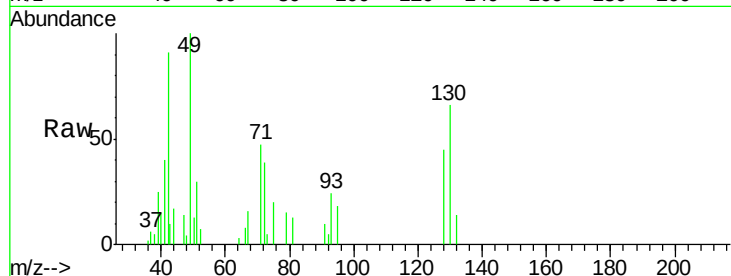
Tot Ion: 49 Resp: 4783

Ion Ratio Lower Upper

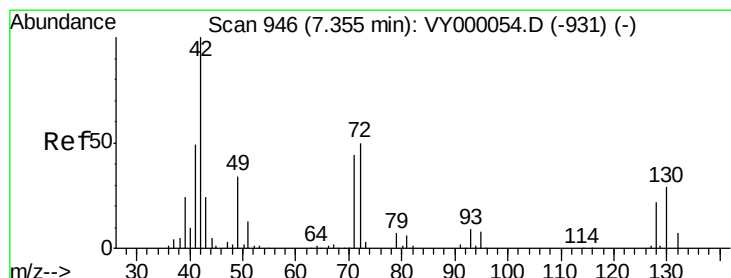
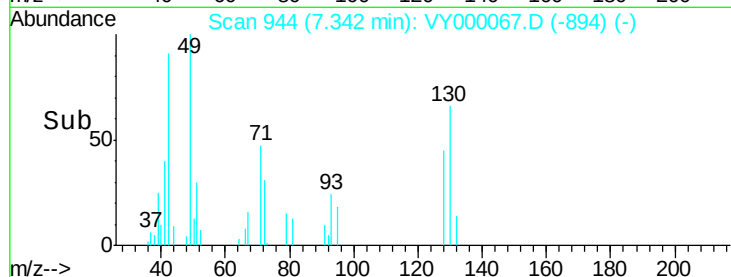
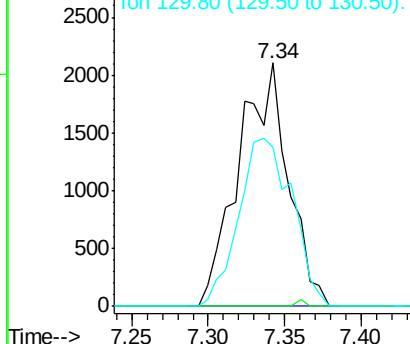
49 100

129 0.0 0.0 4.8

130 73.6 66.2 99.4



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: 23.002 ug/l

RT: 7.35 min Scan# 946

Delta R.T. -0.00 min

Lab File: VY000067.D

Acq: 18 Sep 2019 17:49

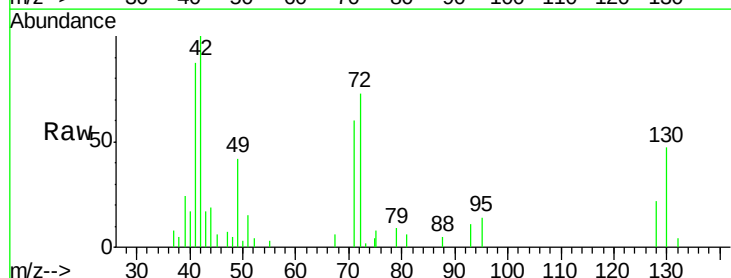
Tgt Ion: 42 Resp: 6624

Ion Ratio Lower Upper

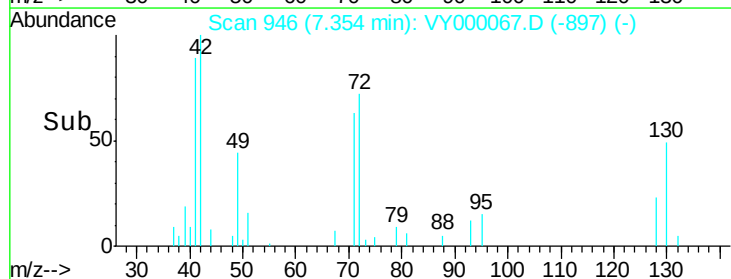
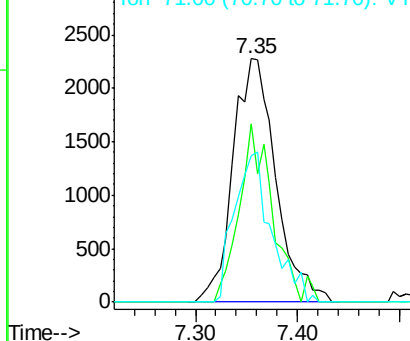
42 100

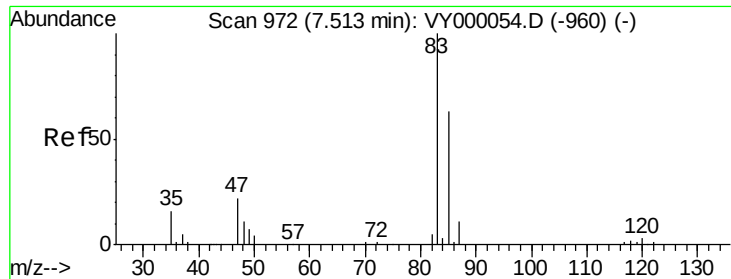
72 55.8 41.8 62.6

71 53.3 38.6 58.0



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

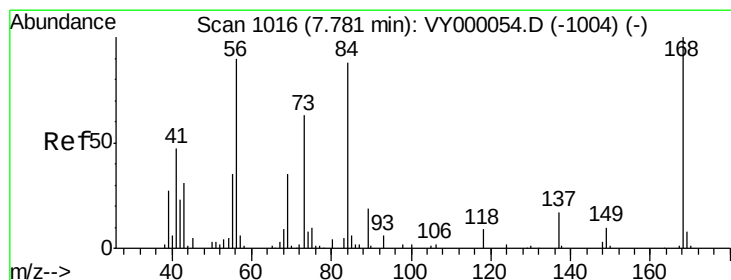
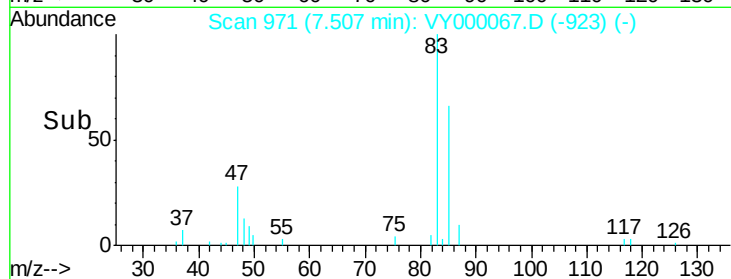
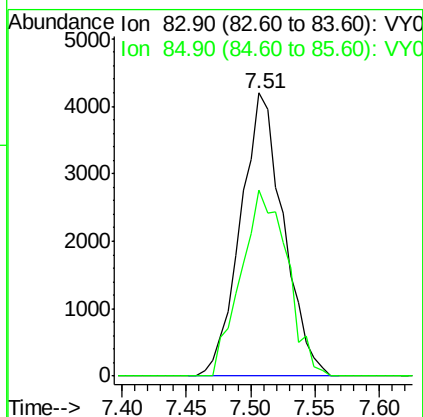
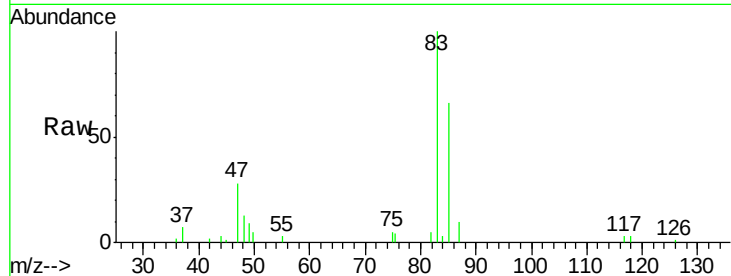




#30
Chloroform
Concen: 4.752 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.01 min
Lab File: VY000067.D
Acq: 18 Sep 2019 17:49

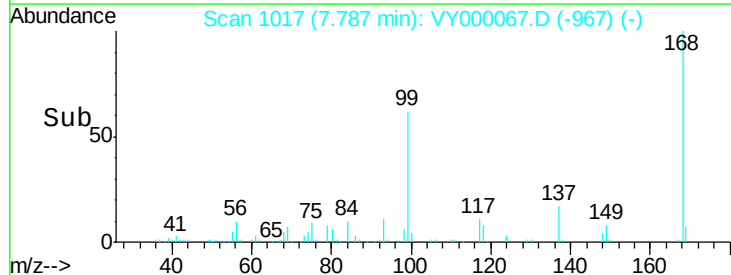
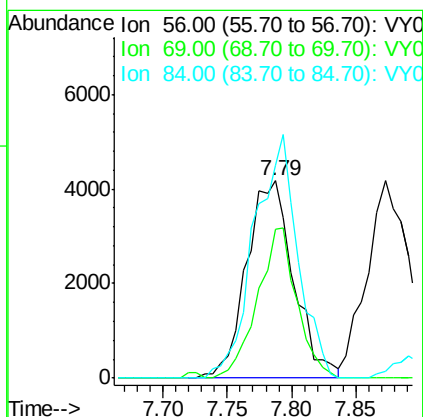
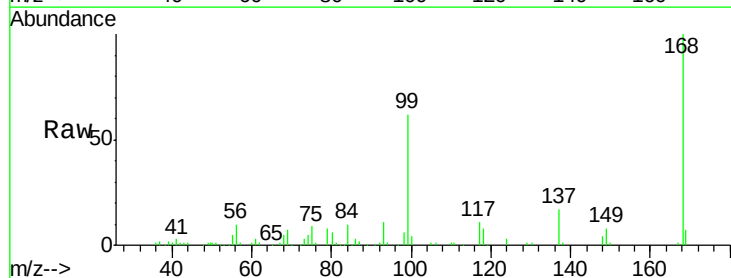
Instrument :
MSVOA_Y
ClientSampled :

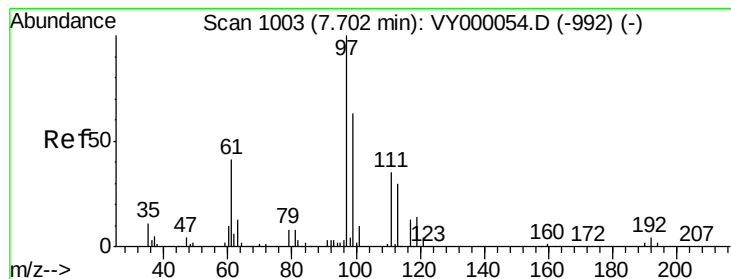
Tot Ion: 83 Resp: 9669
Ion Ratio Lower Upper
83 100
85 65.9 50.6 76.0



#31
Cyclohexane
Concen: 3.339 ug/l
RT: 7.79 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VY000067.D
Acq: 18 Sep 2019 17:49

Tgt Ion: 56 Resp: 10566
Ion Ratio Lower Upper
56 100
69 75.8 30.9 46.3#
84 108.4 78.5 117.7





#32

1,1,1-Trichloroethane

Concen: 4.694 ug/l

RT: 7.70 min Scan# 1003

Delta R.T. -0.00 min

Lab File: VY000067.D

Acq: 18 Sep 2019 17:49

Instrument :

MSVOA_Y

ClientSampled :

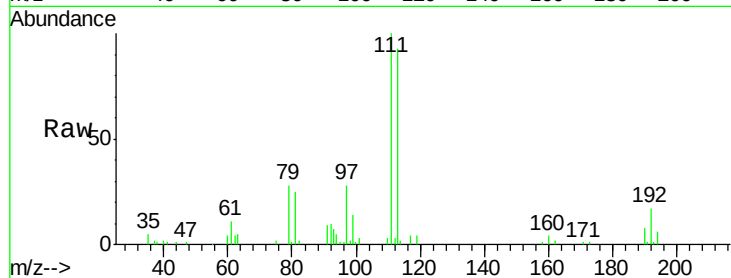
Tot Ion: 97 Resp: 7758

Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.8	77.6
61	45.9	34.3	51.5

97 100

99 64.1 51.8 77.6

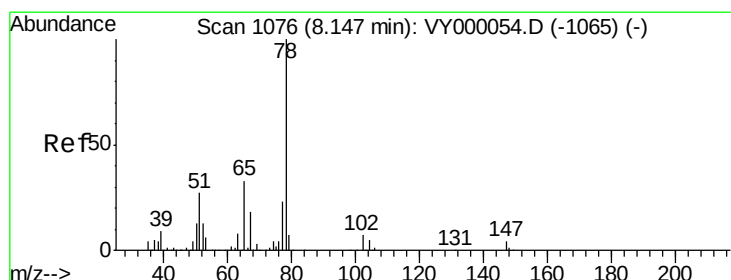
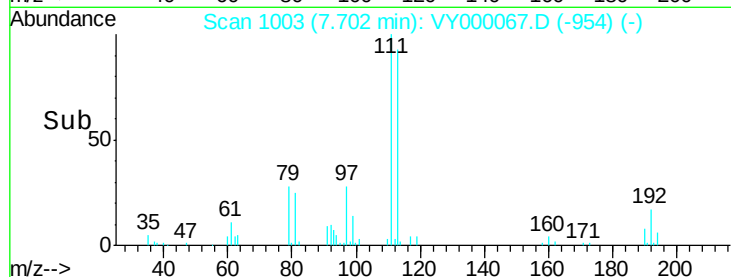
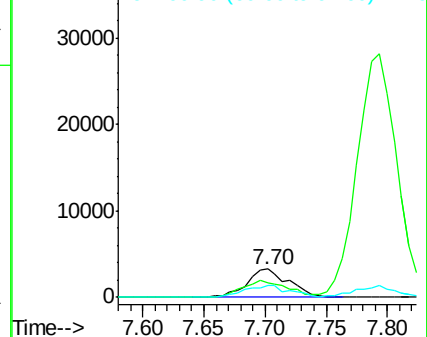
61 45.9 34.3 51.5



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: 53.147 ug/l

RT: 8.14 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VY000067.D

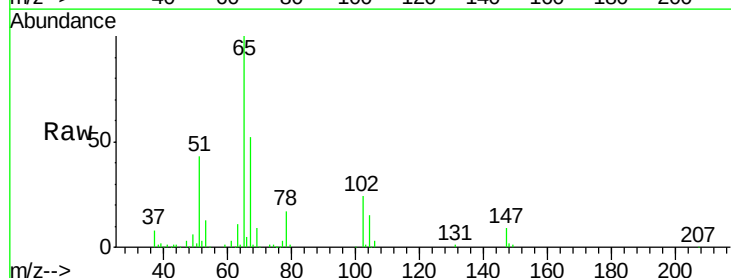
Acq: 18 Sep 2019 17:49

Tgt Ion: 65 Resp: 60454

Ion	Ratio	Lower	Upper
65	100		
67	56.5	0.0	111.0

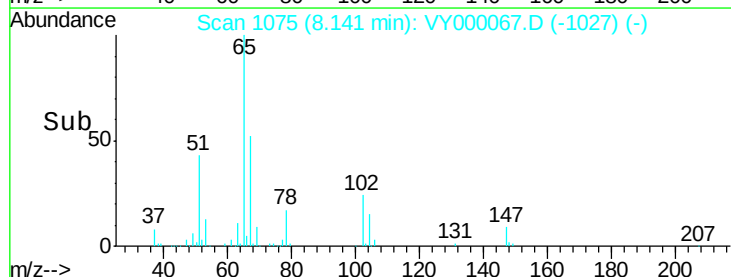
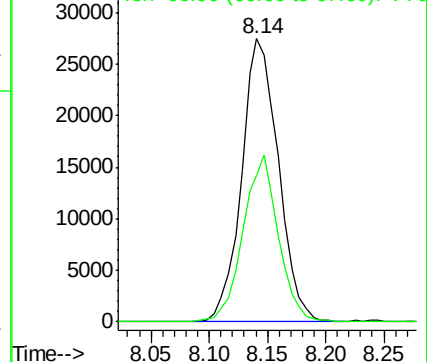
65 100

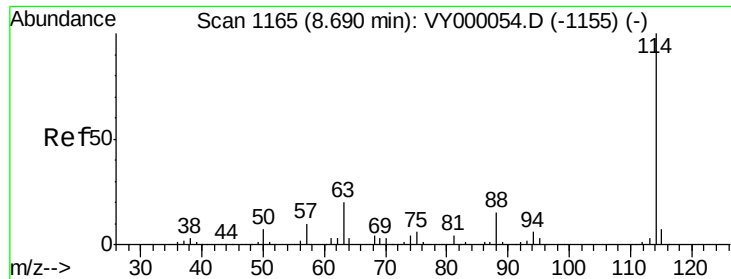
67 56.5 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

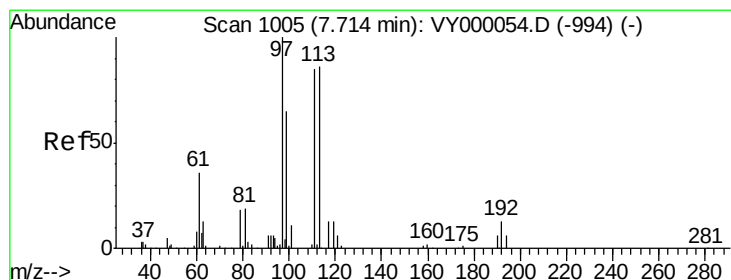
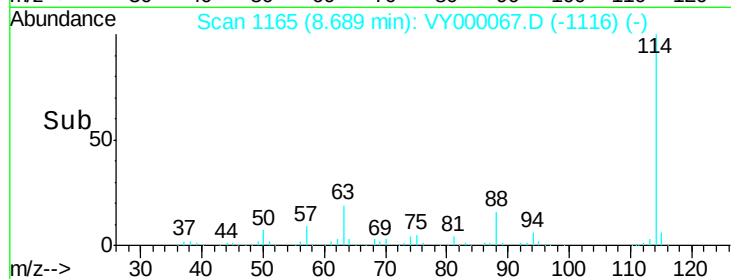
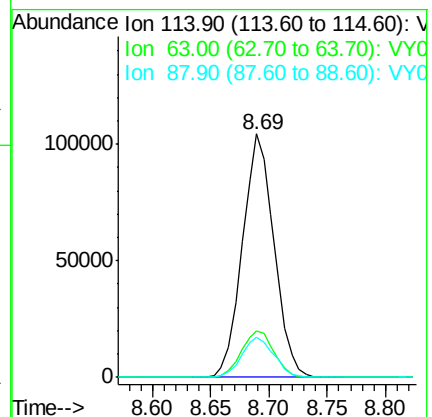
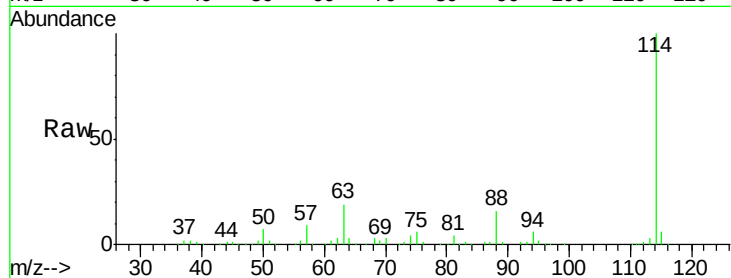




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: VY000067.D
 Acq: 18 Sep 2019 17:49

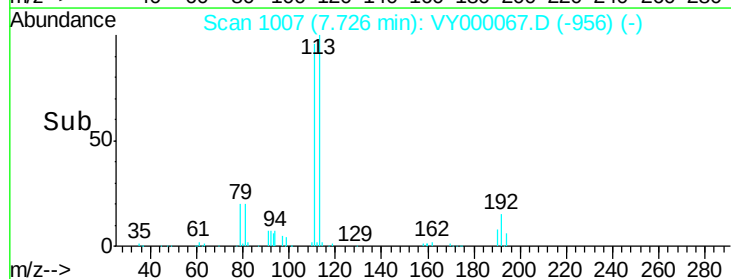
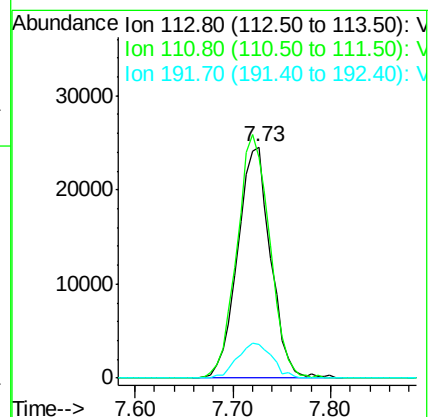
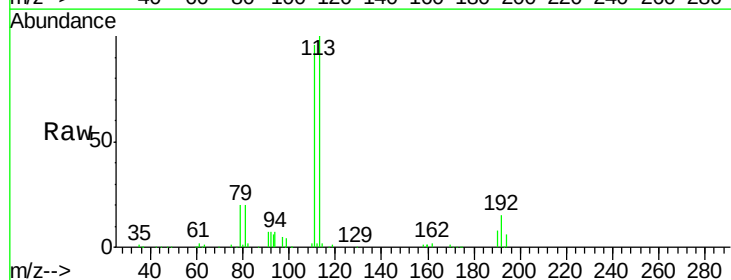
Instrument :
 MSVOA_Y
 ClientSampleId :

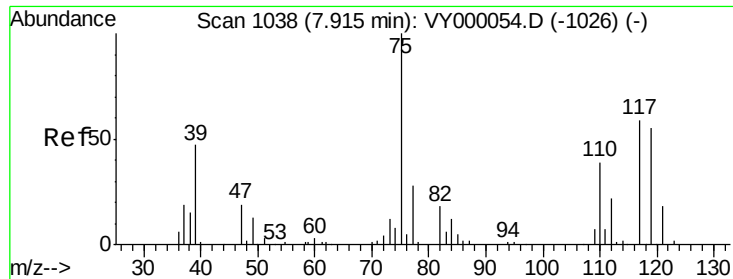
Tot Ion:114 Resp: 197690
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.4
 88 16.4 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 47.980 ug/l
 RT: 7.73 min Scan# 1007
 Delta R.T. 0.01 min
 Lab File: VY000067.D
 Acq: 18 Sep 2019 17:49

Tgt Ion:113 Resp: 57430
 Ion Ratio Lower Upper
 113 100
 111 105.1 81.7 122.5
 192 15.9 13.4 20.2





#36

1,1-Dichloropropene

Concen: 4.616 ug/l

RT: 7.92 min Scan# 1039

Delta R.T. 0.01 min

Lab File: VY000067.D

Acq: 18 Sep 2019 17:49

Instrument :
MSVOA_Y
ClientSampleId :

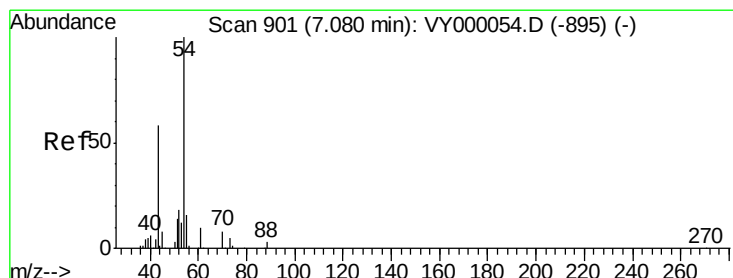
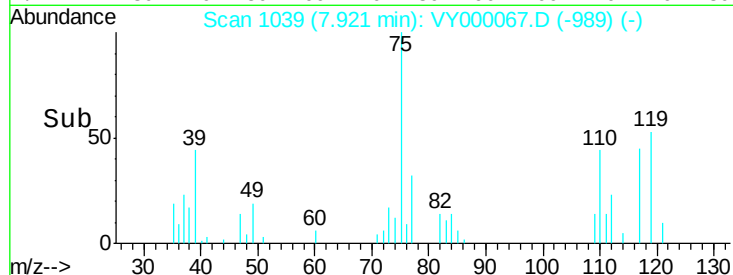
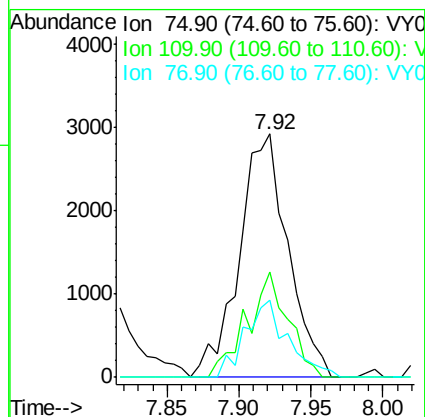
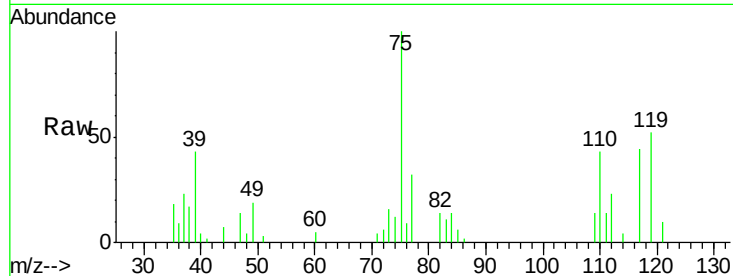
Tot Ion: 75 Resp: 6824

Ion Ratio Lower Upper

75 100

110 36.7 19.6 58.7

77 27.9 24.3 36.5



#37

Ethyl Acetate

Concen: 4.762 ug/l

RT: 7.09 min Scan# 902

Delta R.T. 0.01 min

Lab File: VY000067.D

Acq: 18 Sep 2019 17:49

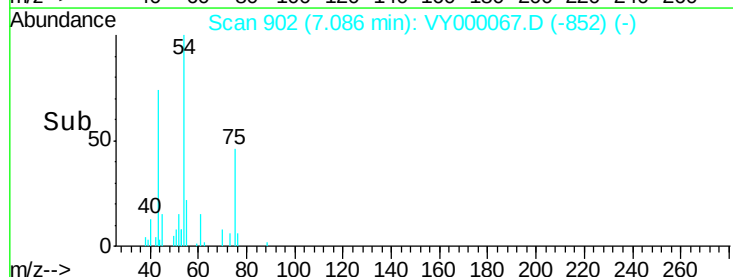
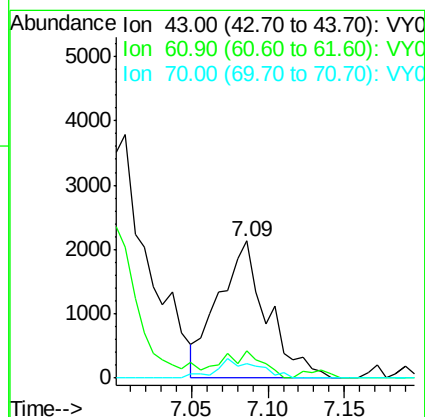
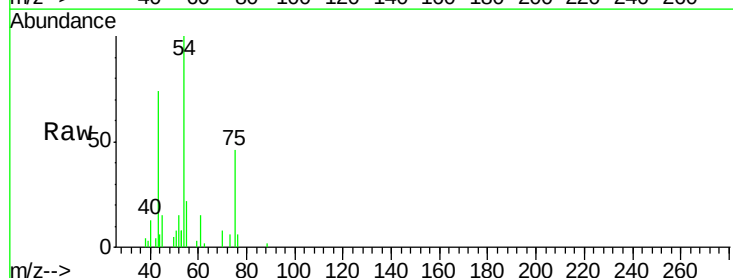
Tgt Ion: 43 Resp: 4692

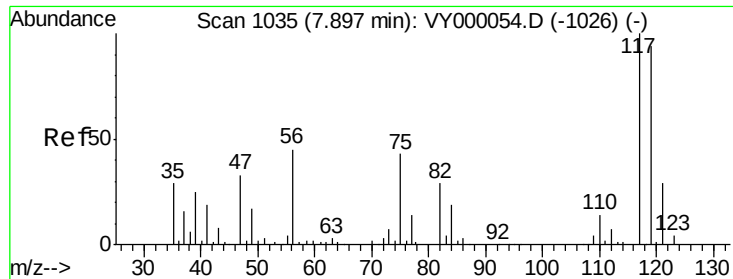
Ion Ratio Lower Upper

43 100

61 16.4 14.1 21.1

70 11.7 10.6 15.8





#38

Carbon Tetrachloride

Concen: 4.370 ug/l

RT: 7.90 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VY000067.D

Acq: 18 Sep 2019 17:49

Instrument :
MSVOA_Y
ClientSampleId :

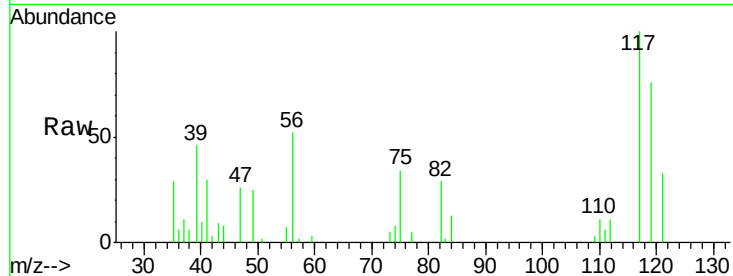
Tot Ion:117 Resp: 6097

Ion Ratio Lower Upper

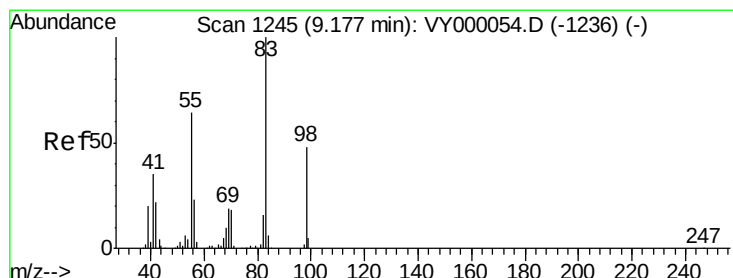
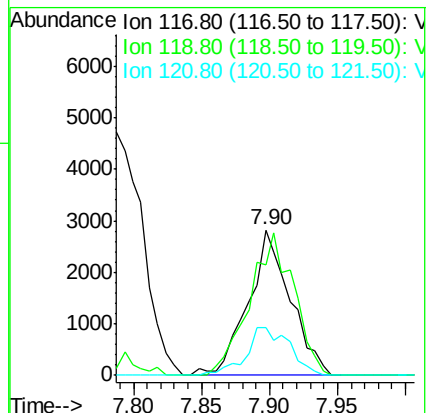
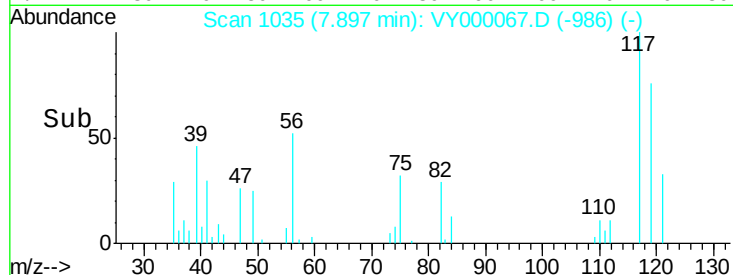
117 100

119 76.1 75.0 112.6

121 32.8 22.8 34.2



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



#39

Methylcyclohexane

Concen: 4.753 ug/l

RT: 9.18 min Scan# 1245

Delta R.T. -0.00 min

Lab File: VY000067.D

Acq: 18 Sep 2019 17:49

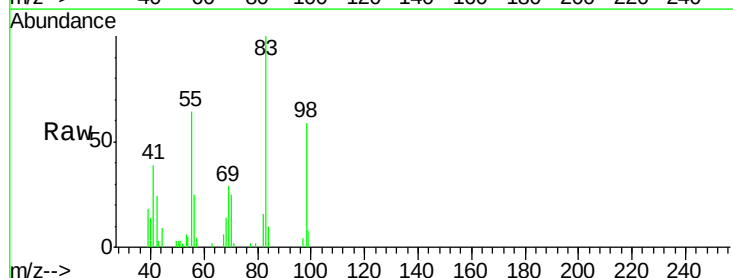
Tgt Ion: 83 Resp: 8640

Ion Ratio Lower Upper

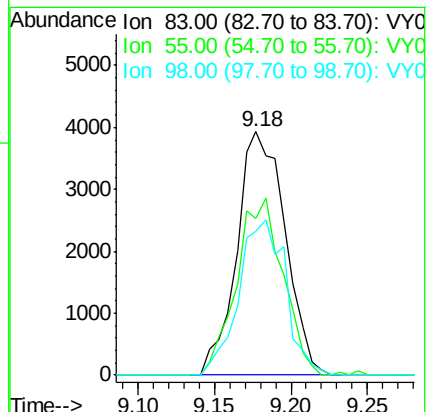
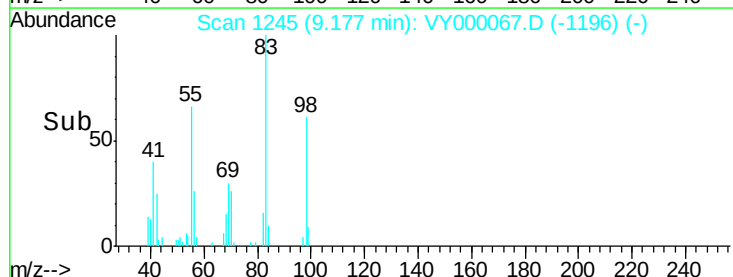
83 100

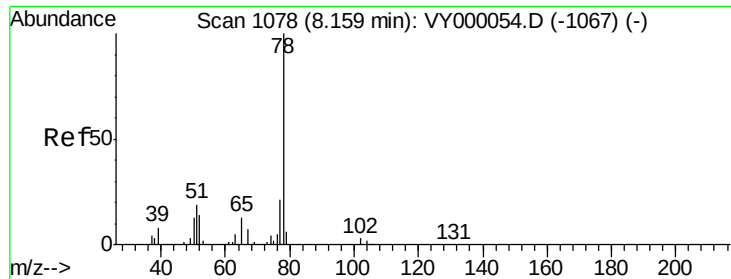
55 64.3 51.0 76.6

98 58.9 38.5 57.7#



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: 4.579 ug/l

RT: 8.16 min Scan# 1078

Delta R.T. -0.00 min

Lab File: VY000067.D

Acq: 18 Sep 2019 17:49

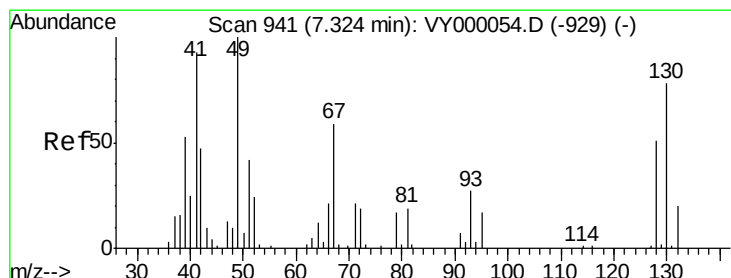
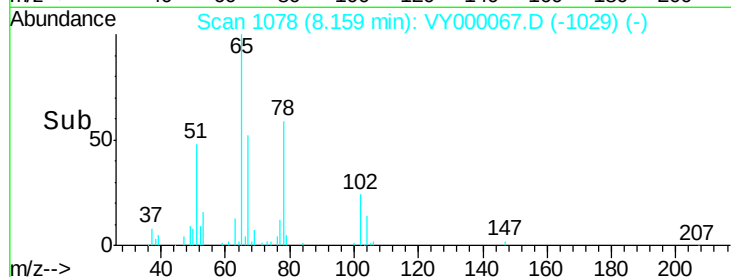
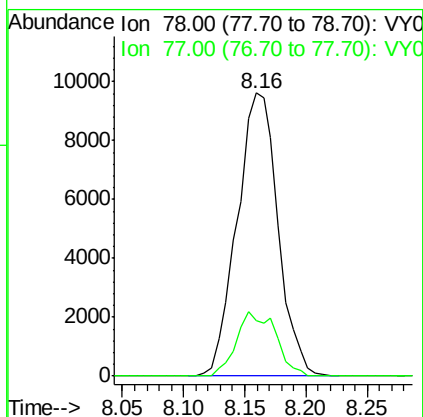
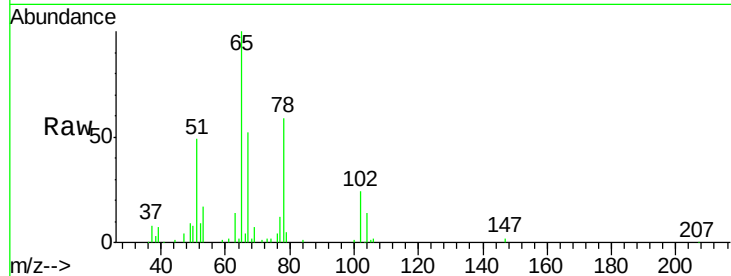
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 78 Resp: 22358

Ion Ratio Lower Upper

78 100

77 19.5 16.8 25.2



#41

Methacrylonitrile

Concen: 6.822 ug/l

RT: 7.31 min Scan# 939

Delta R.T. -0.01 min

Lab File: VY000067.D

Acq: 18 Sep 2019 17:49

Tgt Ion: 41 Resp: 2098

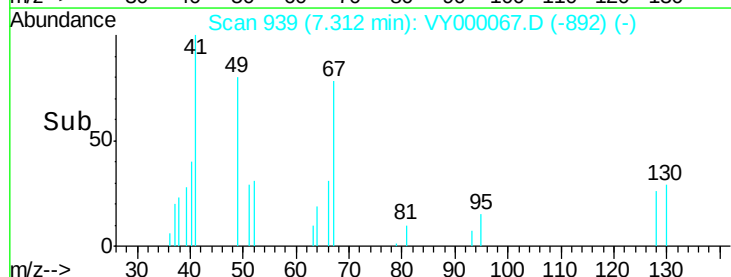
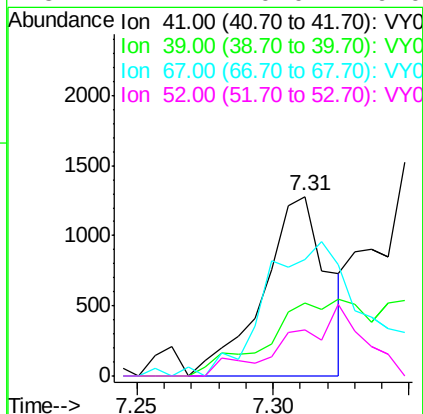
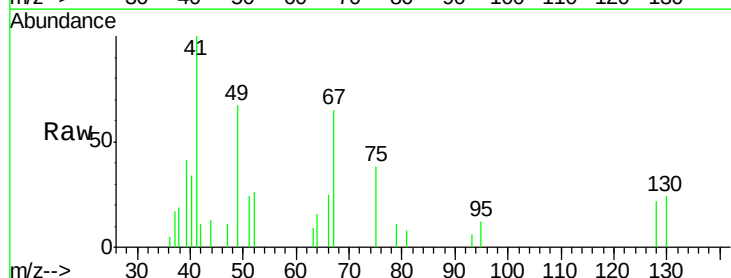
Ion Ratio Lower Upper

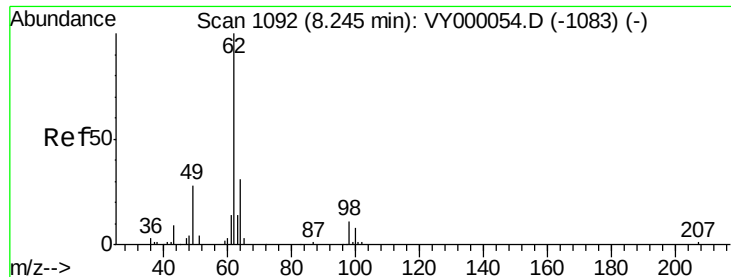
41 100

39 64.0 91.8 137.6#

67 115.5 0.0 0.0#

52 44.4 0.0 0.0#

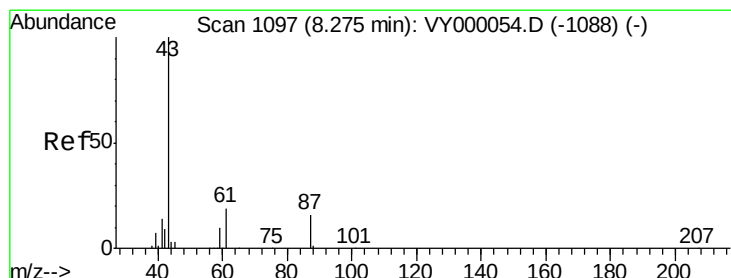
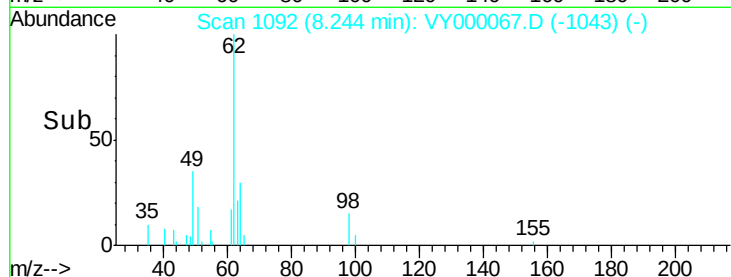
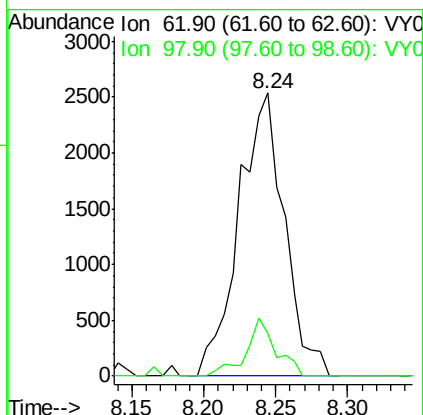
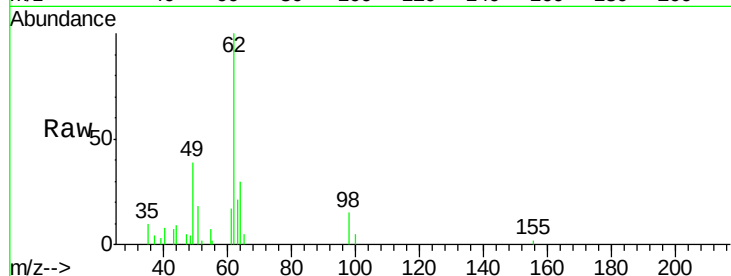




#42
 1,2-Dichloroethane
 Concen: 4.311 ug/l
 RT: 8.24 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: VY000067.D
 Acq: 18 Sep 2019 17:49

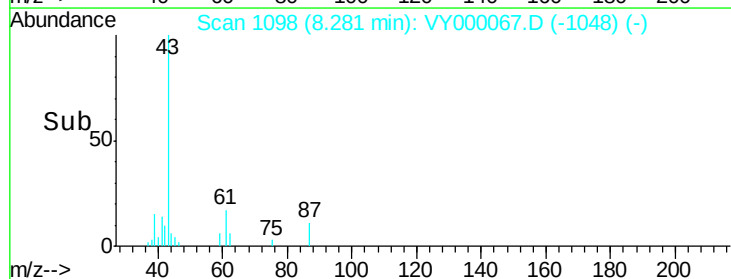
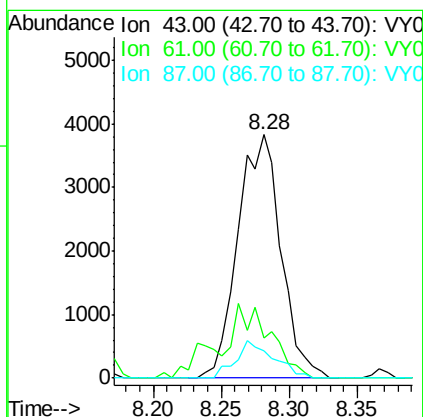
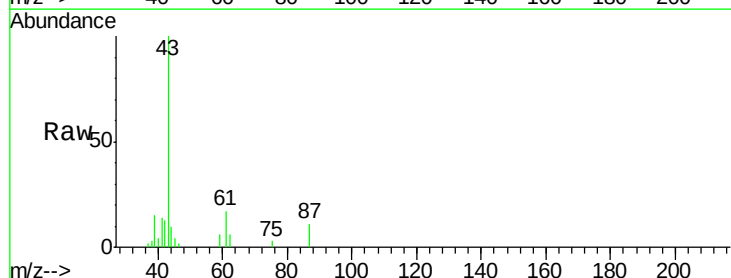
Instrument :
 MSVOA_Y
 ClientSampleId :

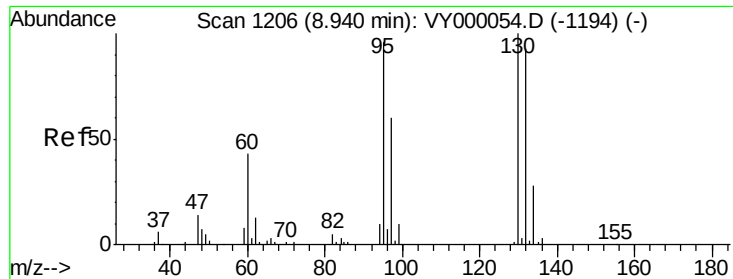
Tot Ion: 62 Resp: 5575
 Ion Ratio Lower Upper
 62 100
 98 13.3 0.0 23.6



#43
 Isopropyl Acetate
 Concen: 4.401 ug/l
 RT: 8.28 min Scan# 1098
 Delta R.T. 0.01 min
 Lab File: VY000067.D
 Acq: 18 Sep 2019 17:49

Tgt Ion: 43 Resp: 8481
 Ion Ratio Lower Upper
 43 100
 61 26.0 25.0 37.6
 87 13.5 12.4 18.6





#44

Trichloroethene

Concen: 4.186 ug/l

RT: 8.94 min Scan# 1206

Delta R.T. -0.00 min

Lab File: VY000067.D

Acq: 18 Sep 2019 17:49

Instrument :

MSVOA_Y

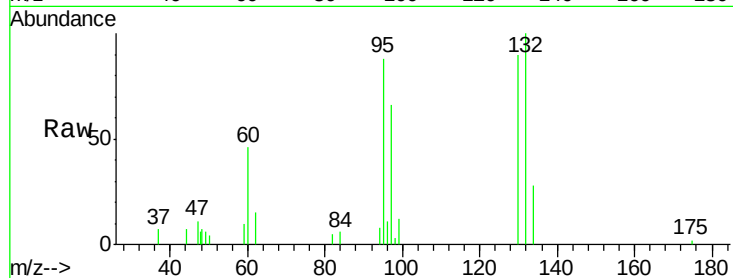
ClientSampleId :

Tot Ion:130 Resp: 5221

Ion Ratio Lower Upper

130 100

95 98.1 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): VY000054.D (-1194) (-)

Ion 94.90 (94.60 to 95.60): VY000054.D (-1194) (-)

8.94

2500

2000

1500

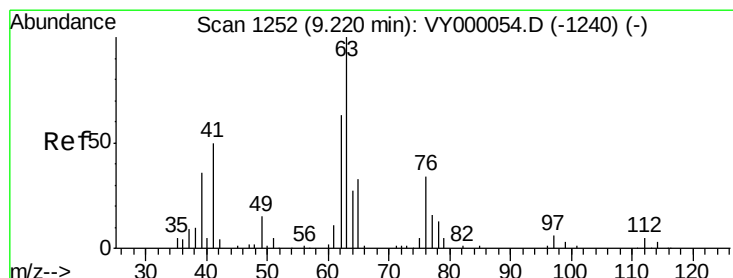
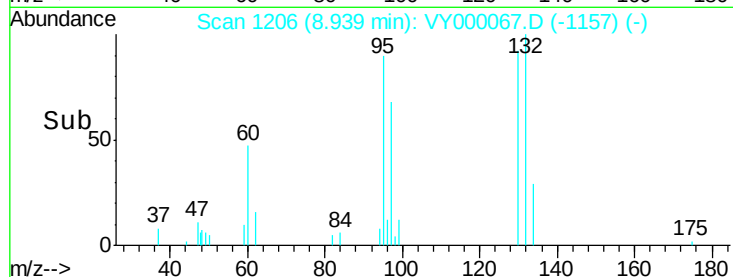
1000

500

0

8.85 8.90 8.95 9.00

Time-->



#45

1,2-Dichloropropane

Concen: 4.981 ug/l

RT: 9.22 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VY000067.D

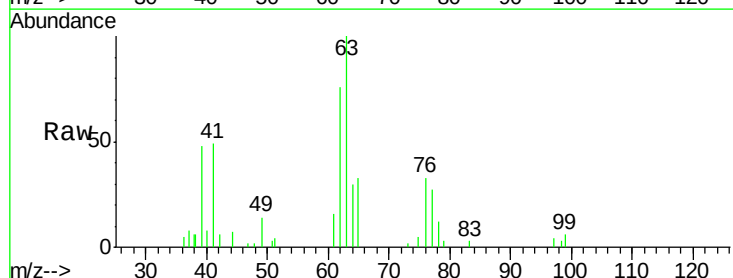
Acq: 18 Sep 2019 17:49

Tgt Ion: 63 Resp: 6299

Ion Ratio Lower Upper

63 100

65 33.1 26.2 39.4



Abundance Ion 62.90 (62.60 to 63.60): VY000054.D (-1240) (-)

Ion 64.90 (64.60 to 65.60): VY000054.D (-1240) (-)

9.22

3000

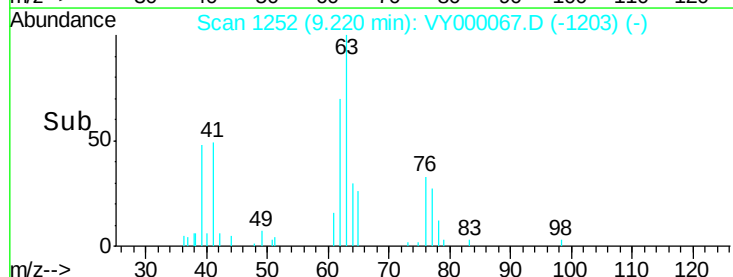
2000

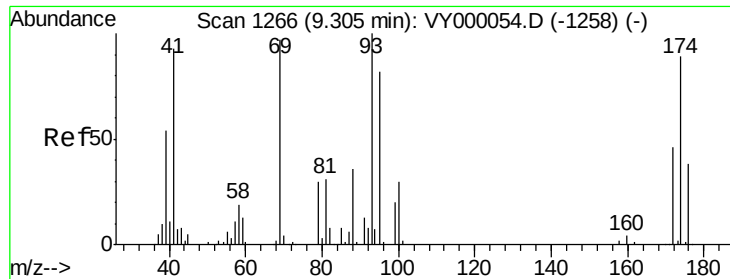
1000

0

9.15 9.20 9.25 9.30

Time-->





#46

Dibromomethane

Concen: 4.501 ug/l

RT: 9.31 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VY000067.D

Acq: 18 Sep 2019 17:49

Instrument :

MSVOA_Y

ClientSampled :

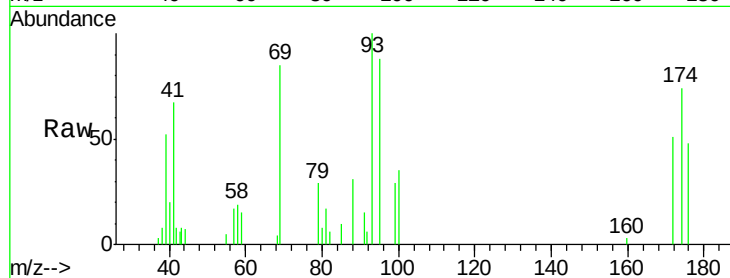
Tot Ion: 93 Resp: 3109

Ion Ratio Lower Upper

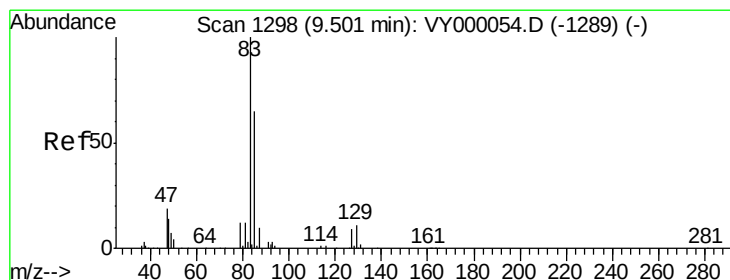
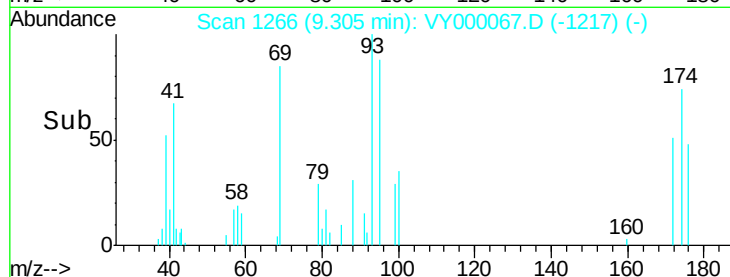
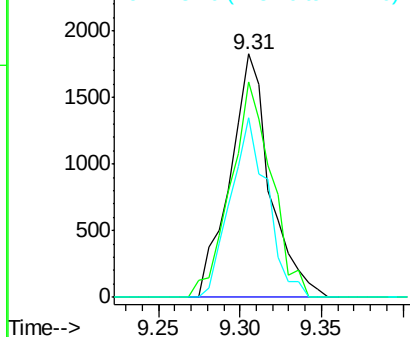
93 100

95 90.4 68.1 102.1

174 68.9 67.8 101.6



Abundance Ion 92.80 (92.50 to 93.50): VY0
Ion 94.80 (94.50 to 95.50): VY0
Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 4.633 ug/l

RT: 9.50 min Scan# 1298

Delta R.T. -0.00 min

Lab File: VY000067.D

Acq: 18 Sep 2019 17:49

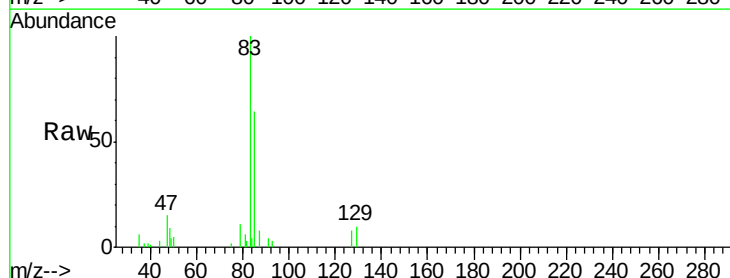
Tgt Ion: 83 Resp: 7766

Ion Ratio Lower Upper

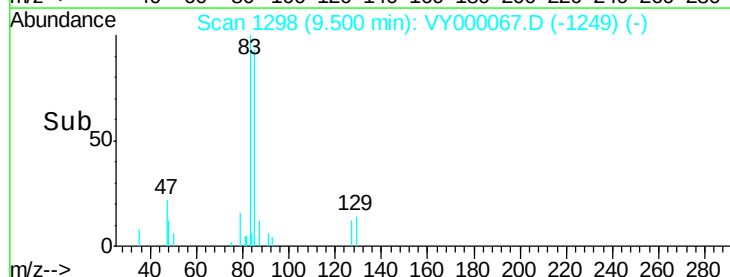
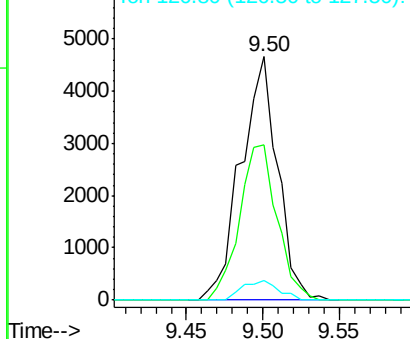
83 100

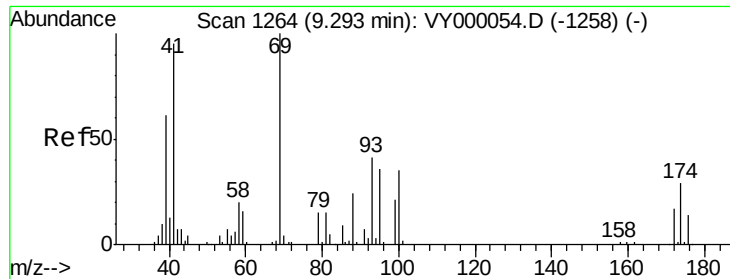
85 64.0 52.3 78.5

127 8.1 6.8 10.2



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

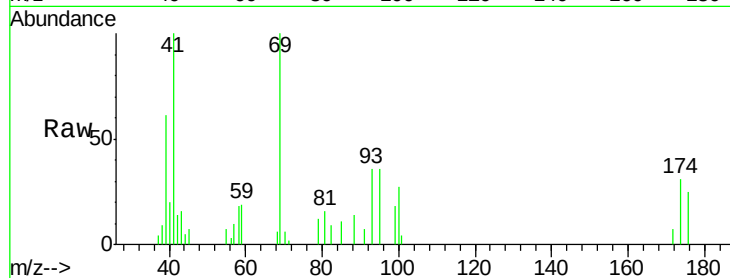




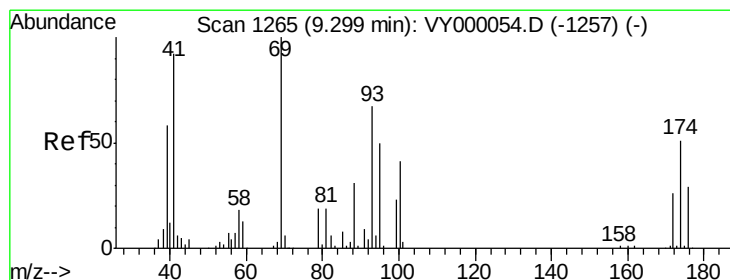
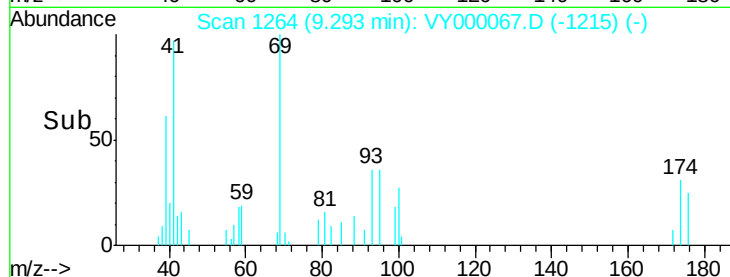
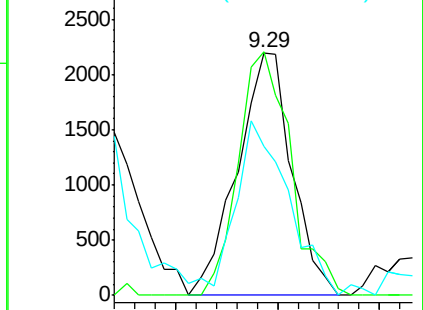
#48
Methvl methacrylate
Concen: 4.832 ug/l
RT: 9.29 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VY000067.D
Acq: 18 Sep 2019 17:49

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 4095
Ion Ratio Lower Upper
41 100
69 96.2 78.1 117.1
39 71.0 49.4 74.0

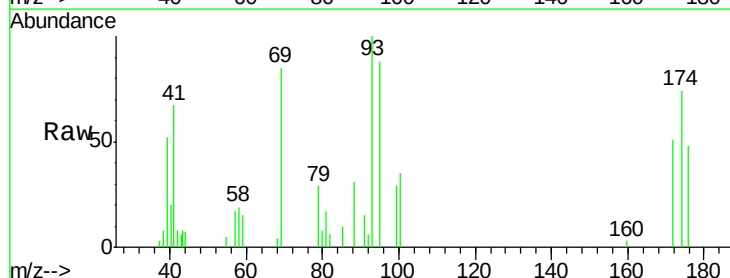


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

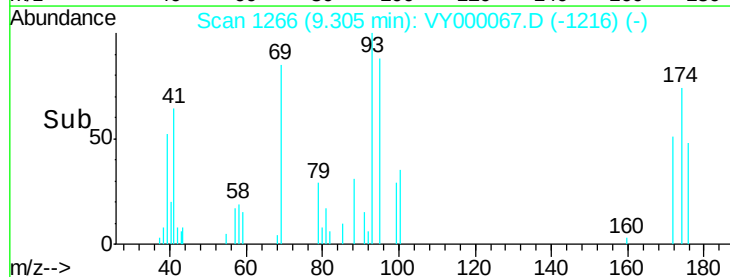
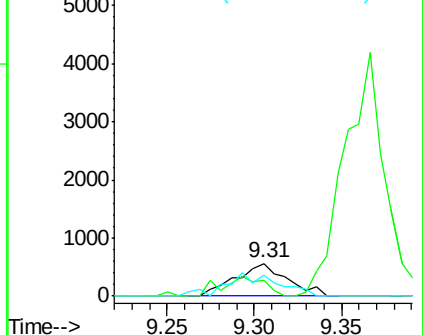


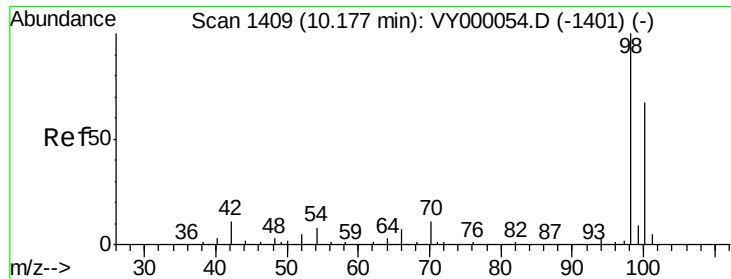
#49
1,4-Dioxane
Concen: 85.518 ug/l
RT: 9.31 min Scan# 1266
Delta R.T. 0.01 min
Lab File: VY000067.D
Acq: 18 Sep 2019 17:49

Tgt Ion: 88 Resp: 1147
Ion Ratio Lower Upper
88 100
43 50.4 18.7 28.1#
58 72.1 53.0 79.6



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: 51.235 ug/l

RT: 10.18 min Scan# 1409

Delta R.T. -0.00 min

Lab File: VY000067.D

Acq: 18 Sep 2019 17:49

Instrument :

MSVOA_Y

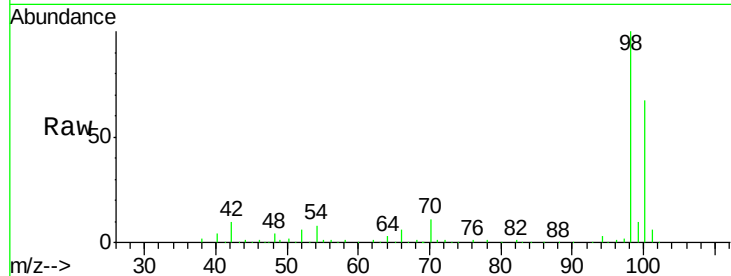
ClientSampleId :

Tot Ion: 98 Resp: 240870

Ion Ratio Lower Upper

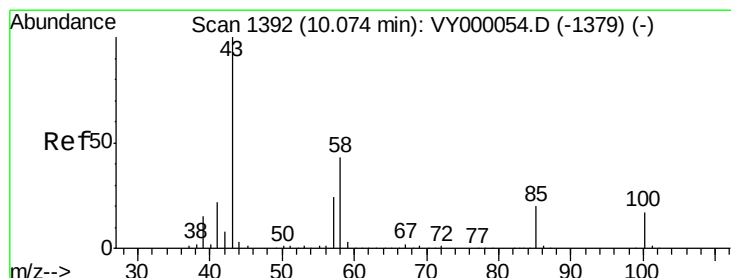
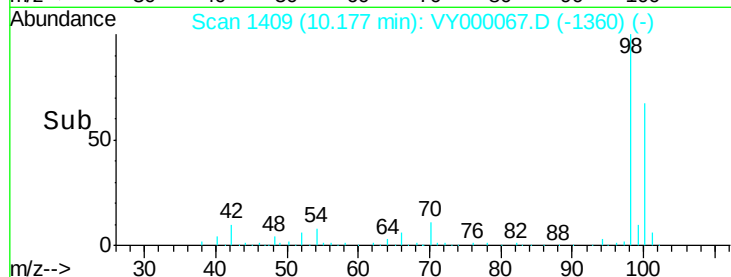
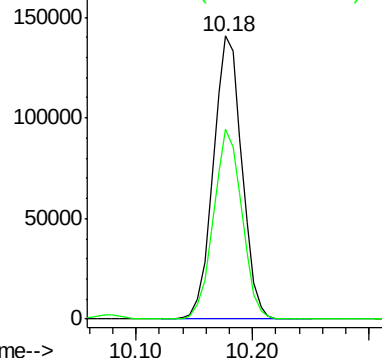
98 100

100 66.5 53.1 79.7



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: 22.092 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VY000067.D

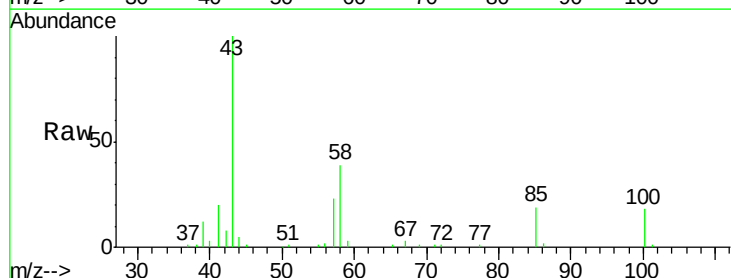
Acq: 18 Sep 2019 17:49

Tgt Ion: 43 Resp: 23243

Ion Ratio Lower Upper

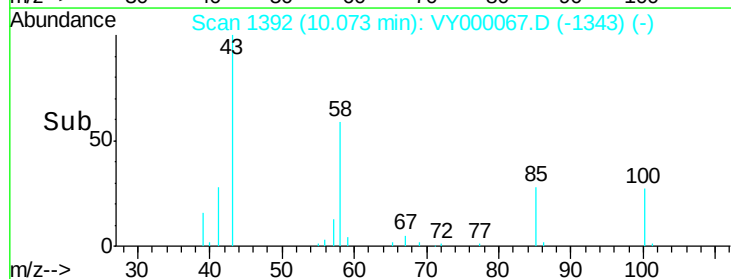
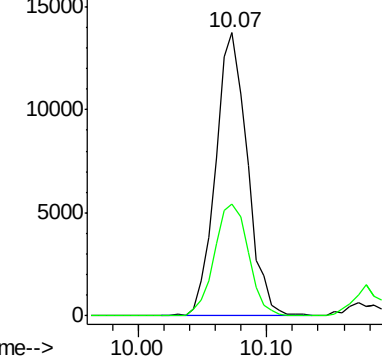
43 100

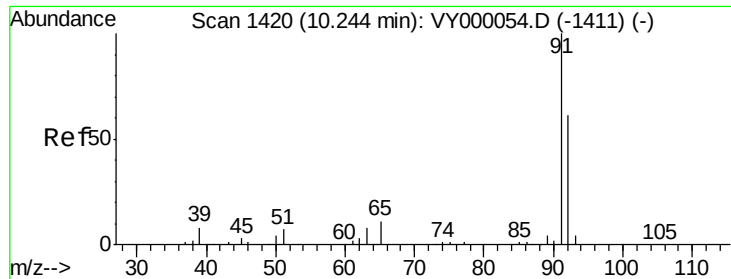
58 42.4 34.2 51.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#52

Toluene

Concen: 4.675 ug/l

RT: 10.24 min Scan# 1420

Delta R.T. -0.00 min

Lab File: VY000067.D

Acq: 18 Sep 2019 17:49

Instrument :

MSVOA_Y

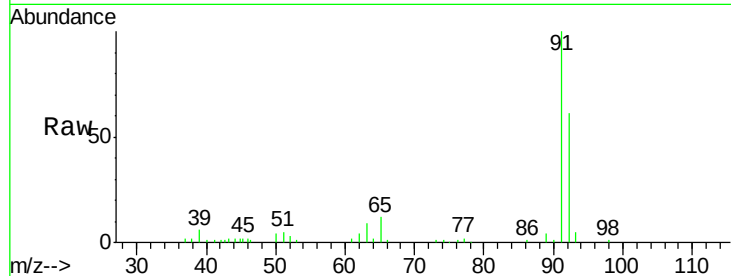
ClientSampleId :

Tot Ion: 92 Resp: 14502

Ion Ratio Lower Upper

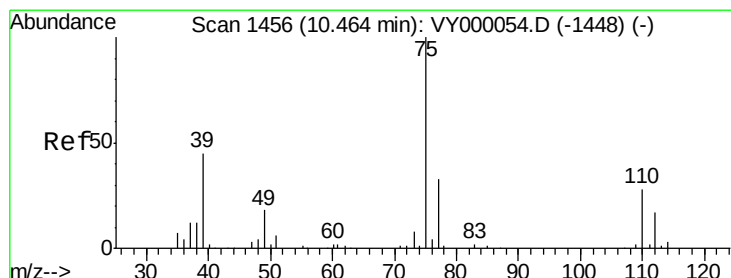
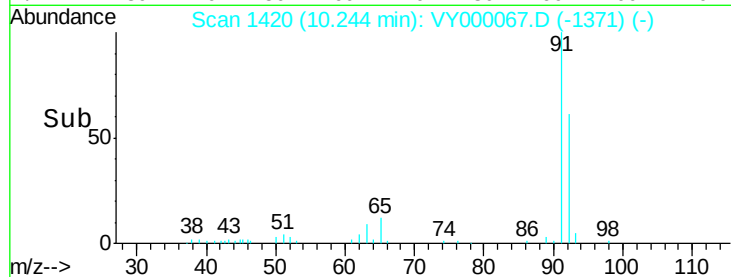
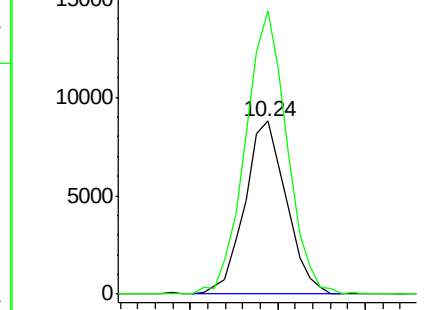
92 100

91 164.4 135.8 203.6



Abundance Ion 92.00 (91.70 to 92.70): VY000054.D (-1411) (-)

Ion 91.00 (90.70 to 91.70): VY000054.D (-1411) (-)



#53

t-1,3-Dichloropropene

Concen: 4.187 ug/l

RT: 10.47 min Scan# 1457

Delta R.T. 0.01 min

Lab File: VY000067.D

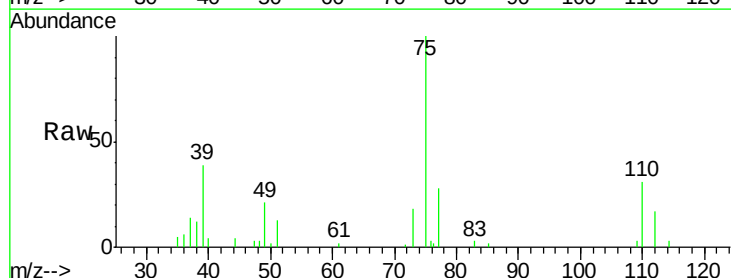
Acq: 18 Sep 2019 17:49

Tgt Ion: 75 Resp: 7442

Ion Ratio Lower Upper

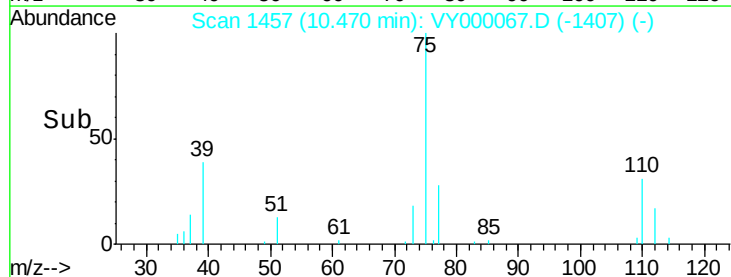
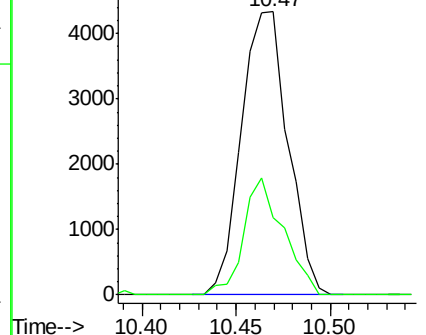
75 100

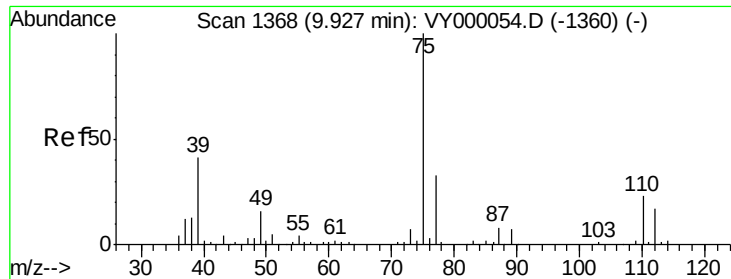
77 27.5 26.2 39.2



Abundance Ion 74.90 (74.60 to 75.60): VY000054.D (-1448) (-)

Ion 76.90 (76.60 to 77.60): VY000054.D (-1448) (-)



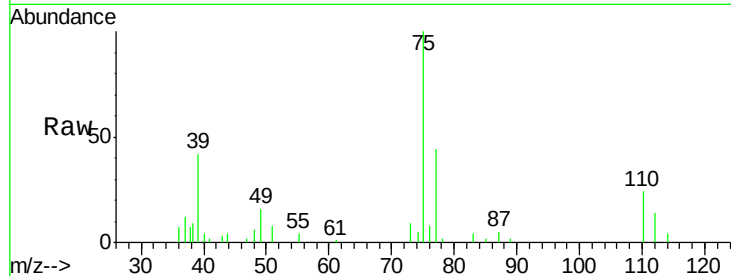


#54

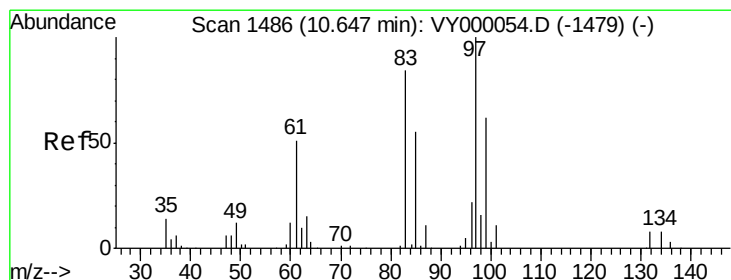
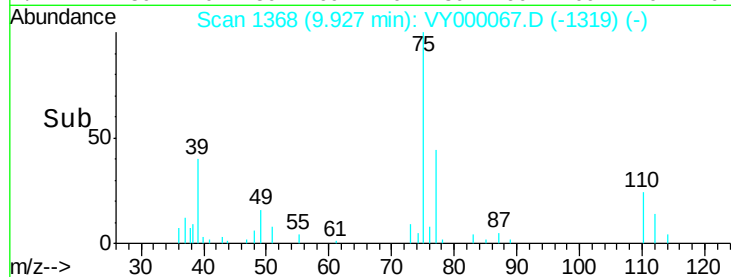
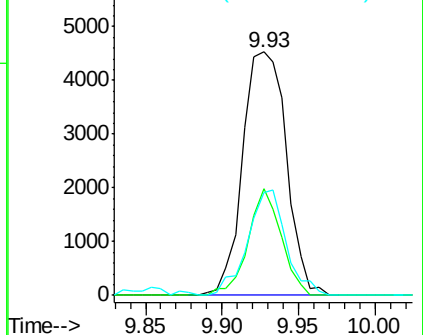
cis-1,3-Dichloropropene
 Concen: 4.375 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VY000067.D
 Acq: 18 Sep 2019 17:49

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 8979
 Ion Ratio Lower Upper
 75 100
 77 43.6 26.1 39.1#
 39 42.4 33.1 49.7



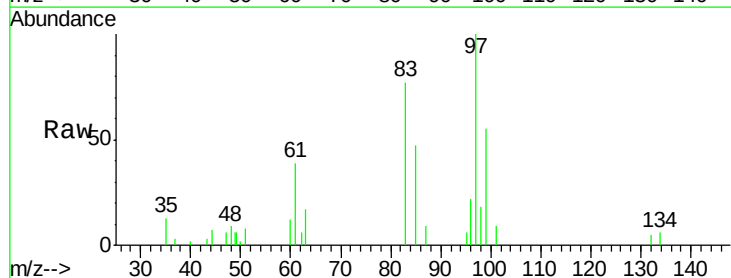
Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 76.90 (76.60 to 77.60): VY0
 Ion 39.00 (38.70 to 39.70): VY0



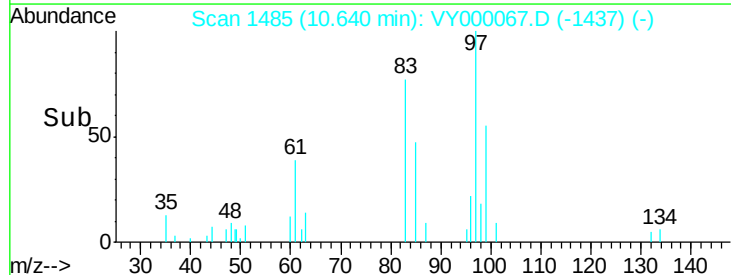
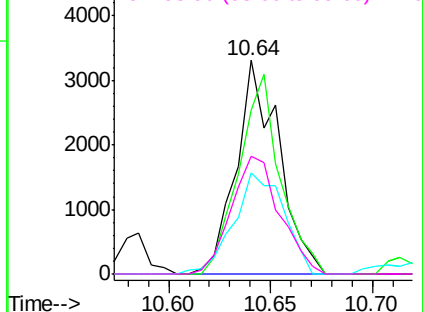
#55

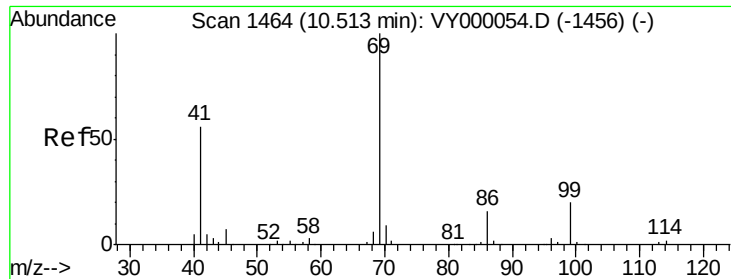
1,1,2-Trichloroethane
 Concen: 4.429 ug/l
 RT: 10.64 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VY000067.D
 Acq: 18 Sep 2019 17:49

Tgt Ion: 97 Resp: 4797
 Ion Ratio Lower Upper
 97 100
 83 76.5 67.3 100.9
 85 47.4 43.6 65.4
 99 55.2 49.8 74.6



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





#56

Ethyl methacrylate

Concen: 4.263 ug/l

RT: 10.51 min Scan# 1464

Delta R.T. -0.00 min

Lab File: VY000067.D

Acq: 18 Sep 2019 17:49

Instrument :

MSVOA_Y

ClientSampleId :

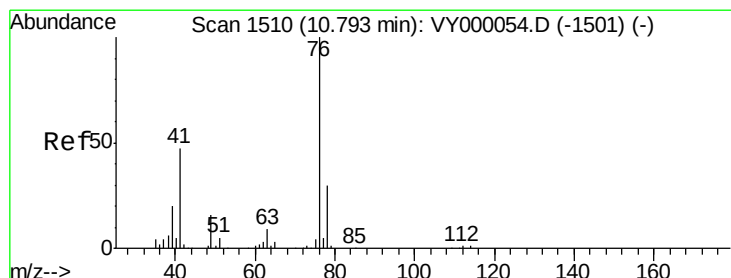
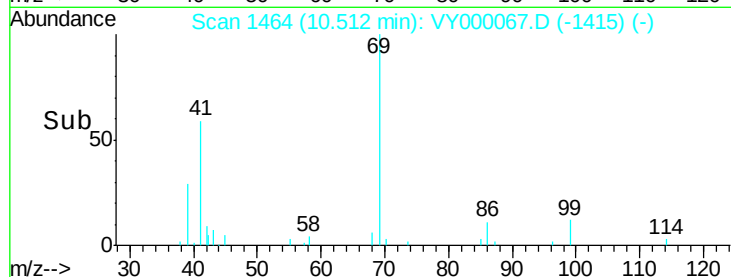
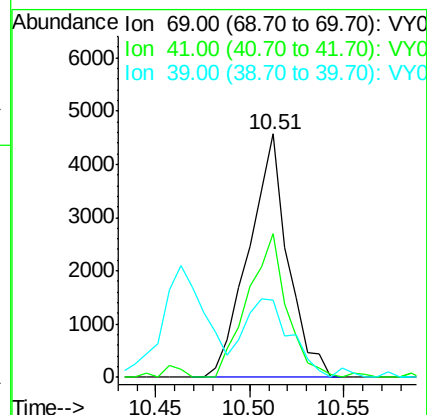
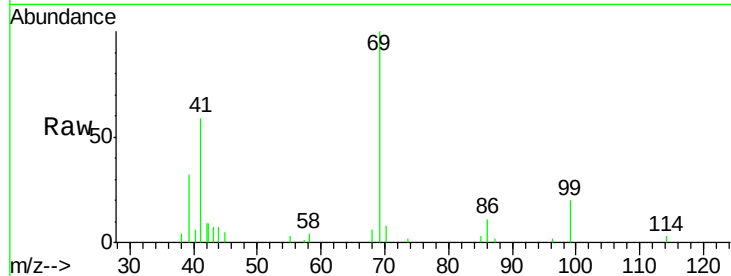
Tot Ion: 69 Resp: 6570

Ion Ratio Lower Upper

69 100

41 59.3 45.6 68.4

39 38.3 27.3 40.9



#57

1,3-Dichloropropane

Concen: 4.341 ug/l

RT: 10.79 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VY000067.D

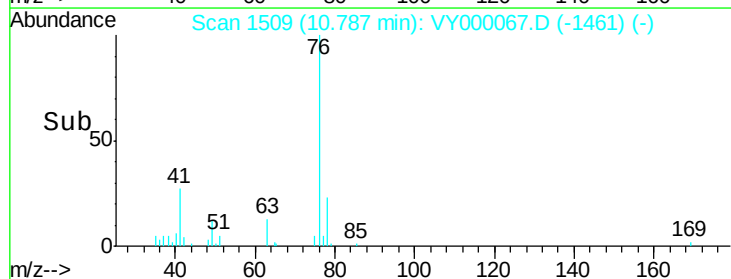
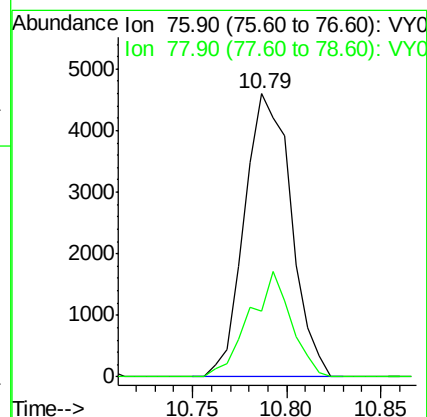
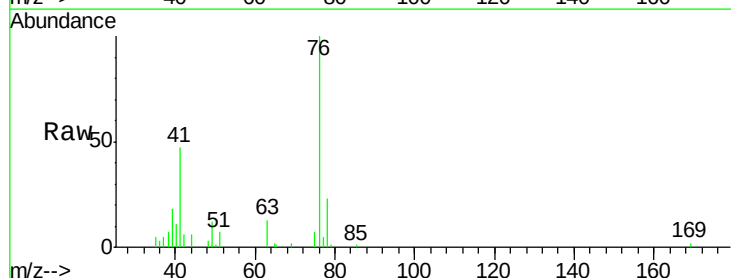
Acq: 18 Sep 2019 17:49

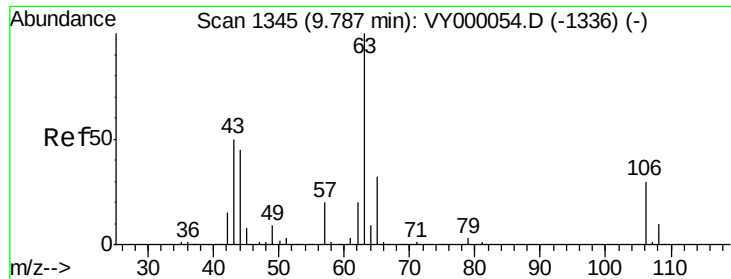
Tgt Ion: 76 Resp: 7898

Ion Ratio Lower Upper

76 100

78 33.2 26.6 40.0

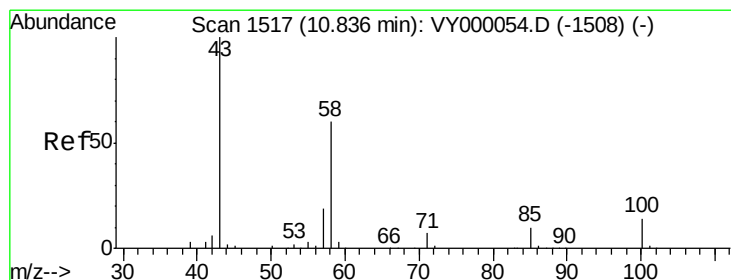
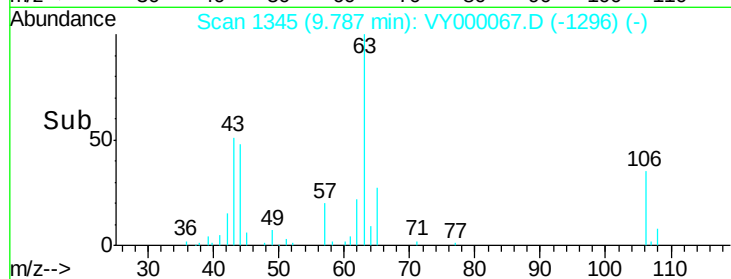
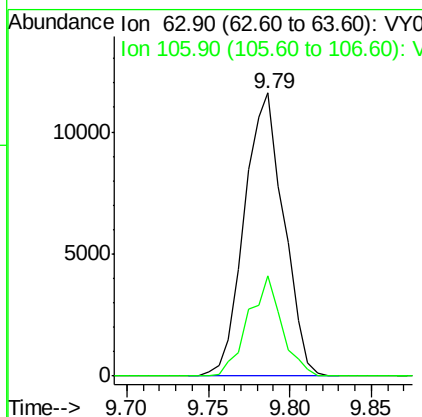
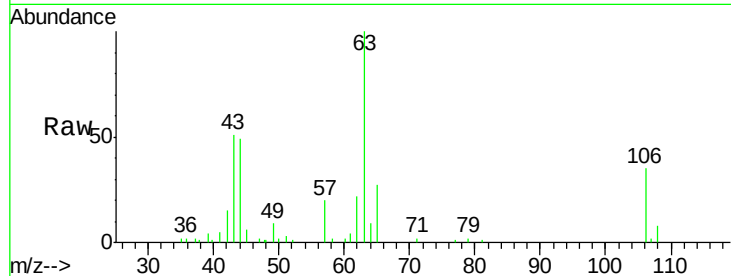




#58
2-Chloroethyl Vinyl ether
Concen: 23.430 ug/l
RT: 9.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VY000067.D
Acq: 18 Sep 2019 17:49

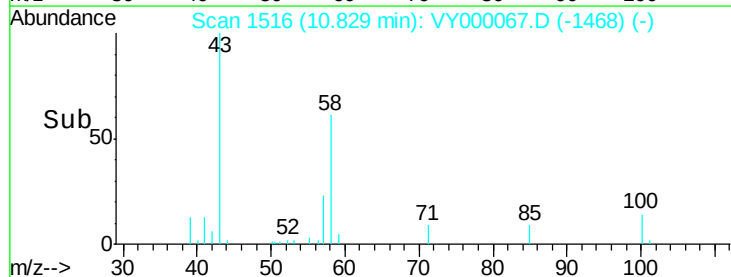
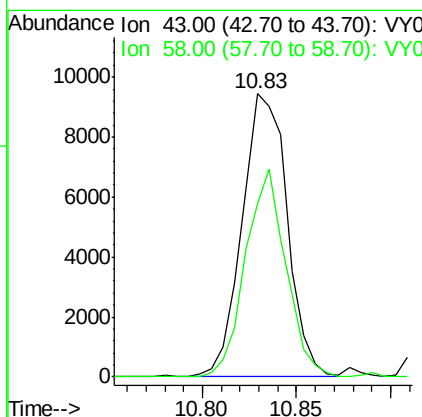
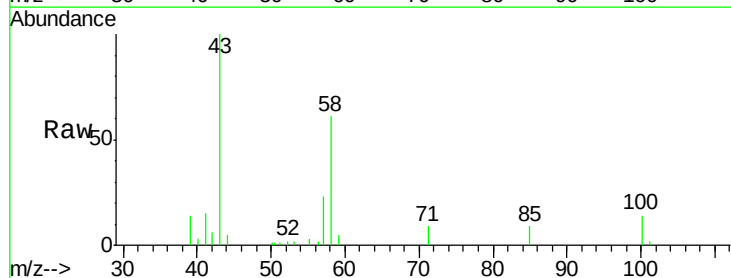
Instrument :
MSVOA_Y
ClientSampleId :

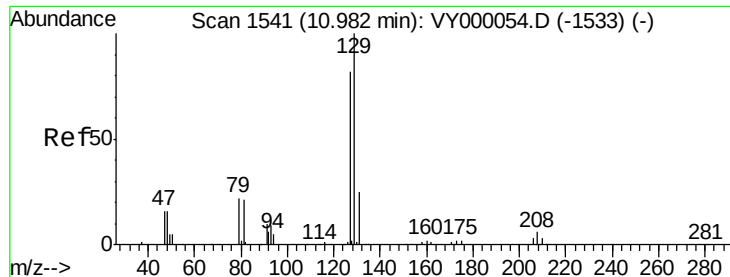
Tot Ion: 63 Resp: 19519
Ion Ratio Lower Upper
63 100
106 30.0 23.3 34.9



#59
2-Hexanone
Concen: 20.914 ug/l
RT: 10.83 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY000067.D
Acq: 18 Sep 2019 17:49

Tgt Ion: 43 Resp: 15698
Ion Ratio Lower Upper
43 100
58 65.6 29.9 89.7





#60

Dibromochloromethane

Concen: 4.332 ug/l

RT: 10.99 min Scan# 1542

Delta R.T. 0.01 min

Lab File: VY000067.D

Acq: 18 Sep 2019 17:49

Instrument :

MSVOA_Y

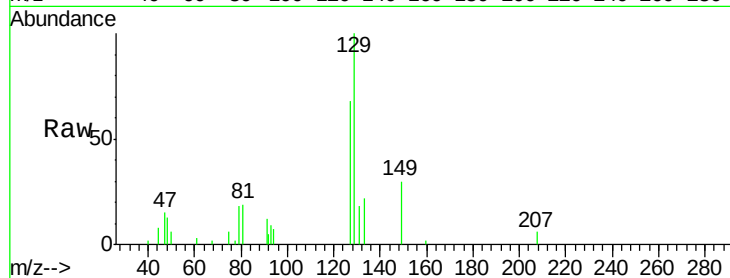
ClientSampleId :

Tot Ion:129 Resp: 4915

Ion Ratio Lower Upper

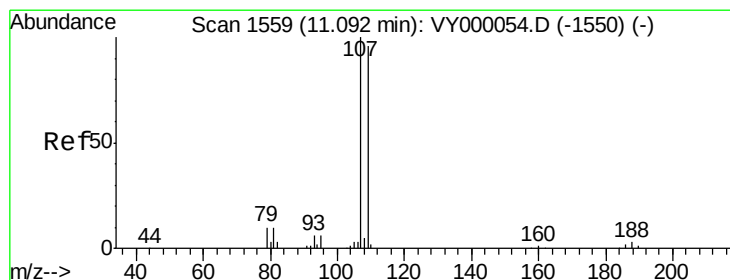
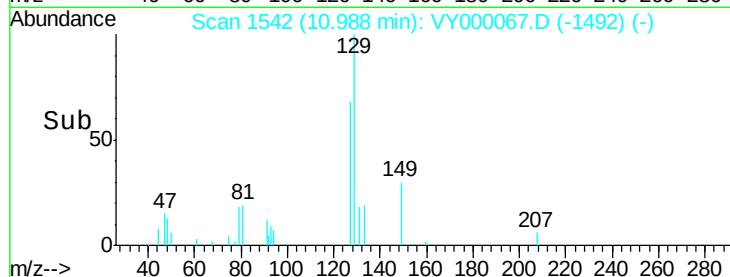
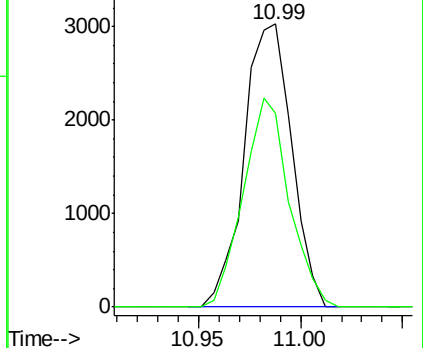
129 100

127 71.5 40.2 120.6



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 4.704 ug/l

RT: 11.09 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VY000067.D

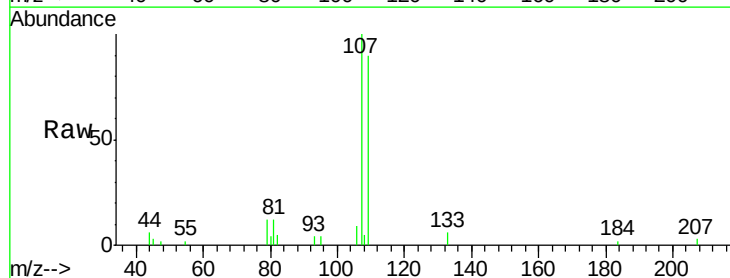
Acq: 18 Sep 2019 17:49

Tgt Ion:107 Resp: 4653

Ion Ratio Lower Upper

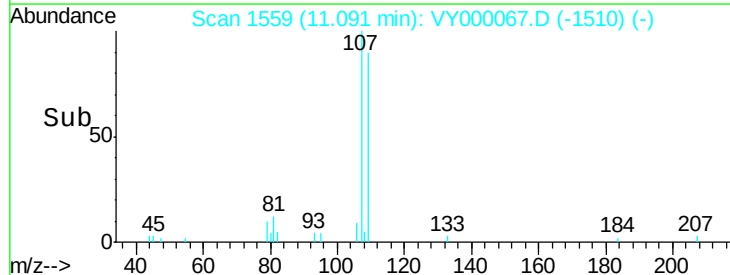
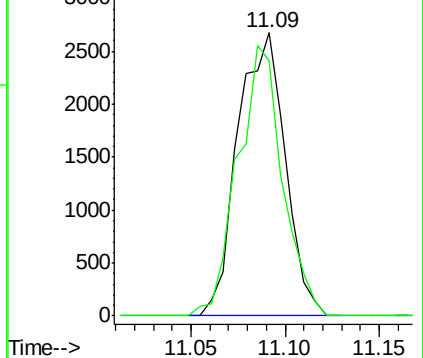
107 100

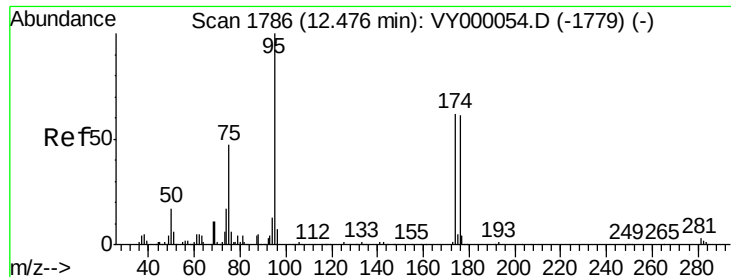
109 90.4 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

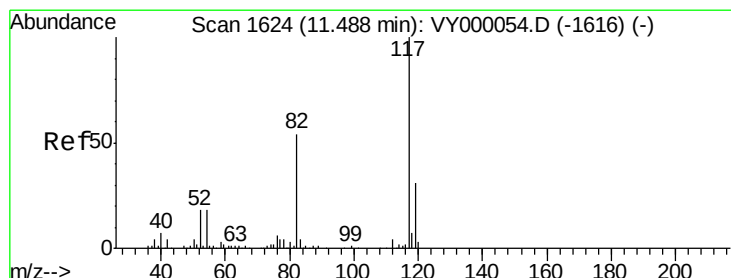
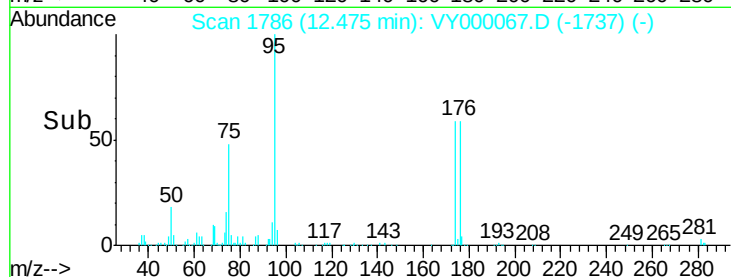
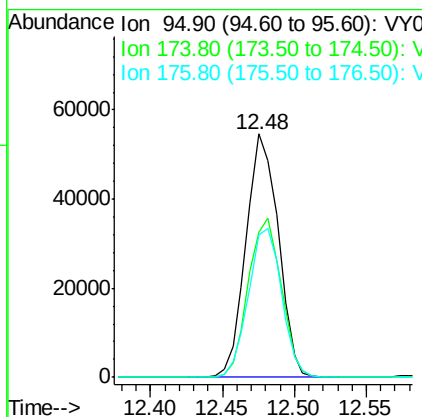
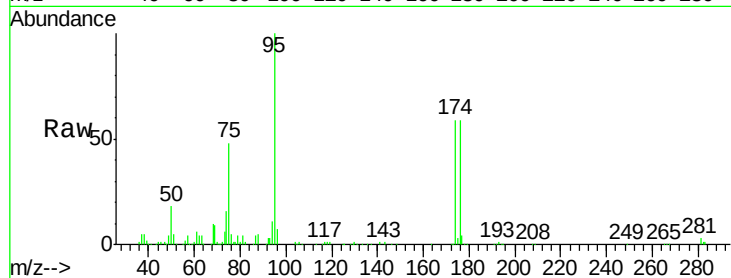




#62
4-Bromofluorobenzene
Concen: 48.562 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.00 min
Lab File: VY000067.D
Acq: 18 Sep 2019 17:49

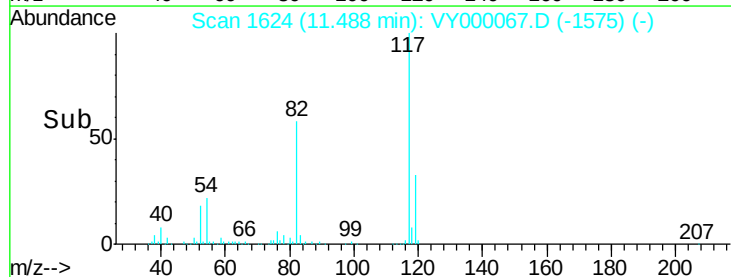
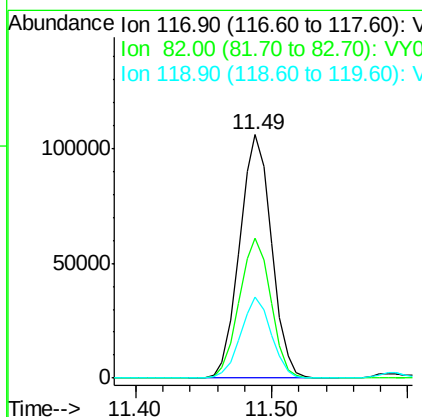
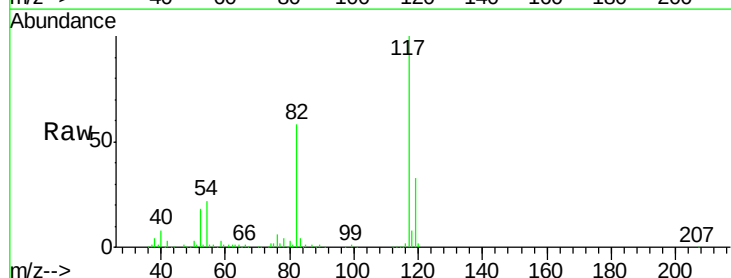
Instrument :
MSVOA_Y
ClientSampleId :

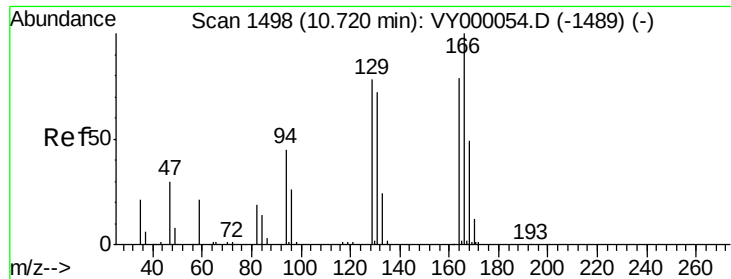
Tot Ion: 95 Resp: 84764
Ion Ratio Lower Upper
95 100
174 66.6 0.0 137.2
176 62.8 0.0 135.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000067.D
Acq: 18 Sep 2019 17:49

Tgt Ion: 117 Resp: 173598
Ion Ratio Lower Upper
117 100
82 57.6 43.5 65.3
119 33.2 24.6 36.8

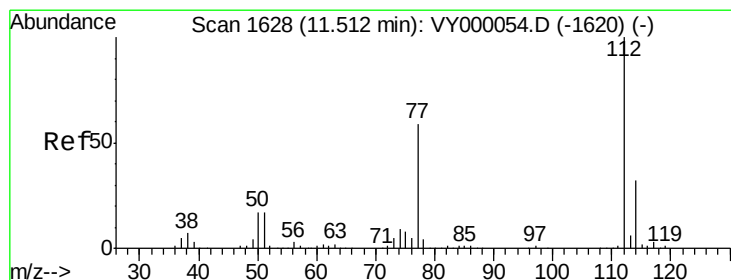
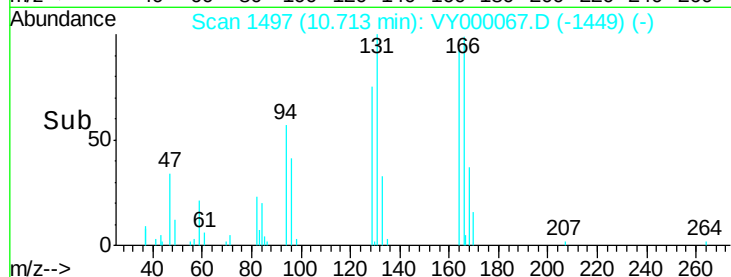
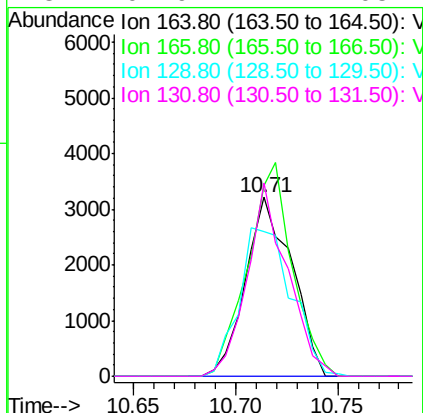
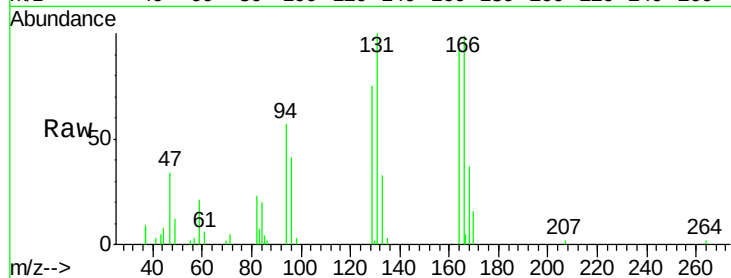




#64
Tetrachloroethene
Concen: 4.675 ug/l
RT: 10.71 min Scan# 1497
Delta R.T. -0.01 min
Lab File: VY000067.D
Acq: 18 Sep 2019 17:49

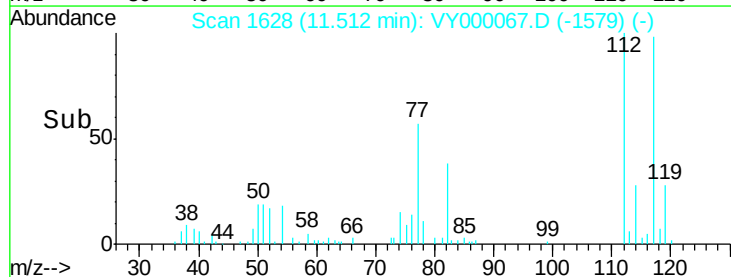
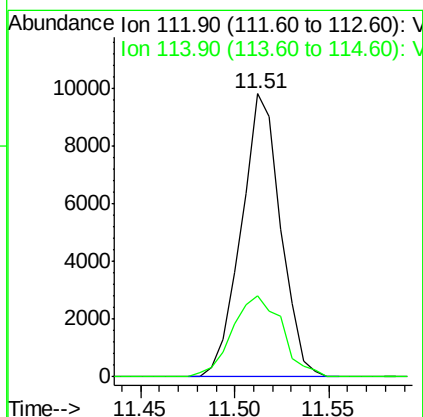
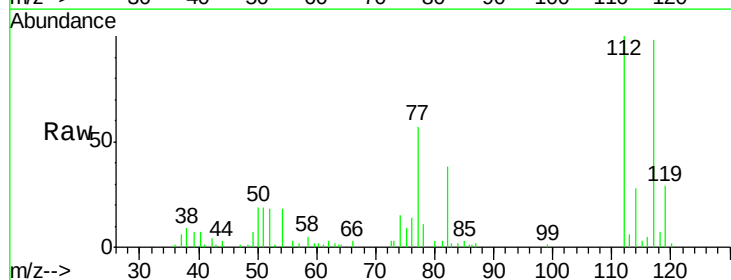
Instrument :
MSVOA_Y
ClientSampled :

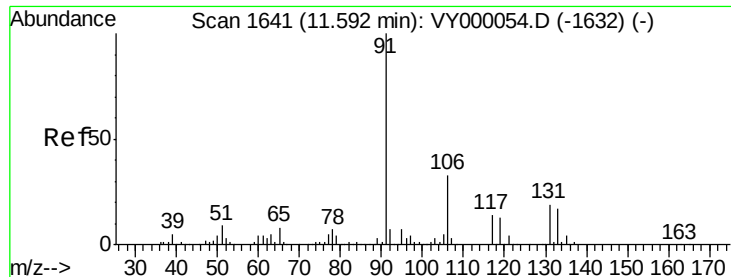
Tot Ion:164 Resp: 5094
Ion Ratio Lower Upper
164 100
166 106.6 100.9 151.3
129 81.1 78.4 117.6
131 107.9 72.2 108.2



#65
Chlorobenzene
Concen: 4.130 ug/l
RT: 11.51 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VY000067.D
Acq: 18 Sep 2019 17:49

Tgt Ion:112 Resp: 14181
Ion Ratio Lower Upper
112 100
114 28.5 25.6 38.4





#66

1,1,1,2-Tetrachloroethane

Concen: 4.151 ug/l

RT: 11.59 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VY000067.D

Acq: 18 Sep 2019 17:49

Instrument :

MSVOA_Y

ClientSampleId :

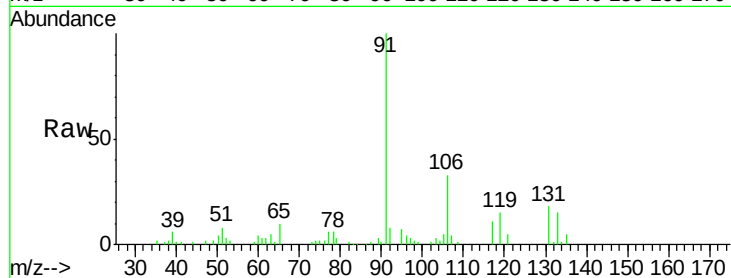
Tot Ion:131 Resp: 4820

Ion Ratio Lower Upper

131 100

133 90.1 46.6 139.8

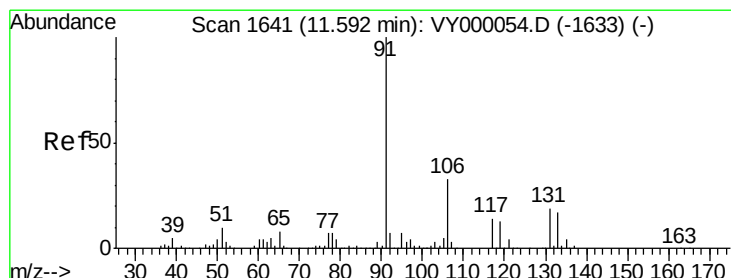
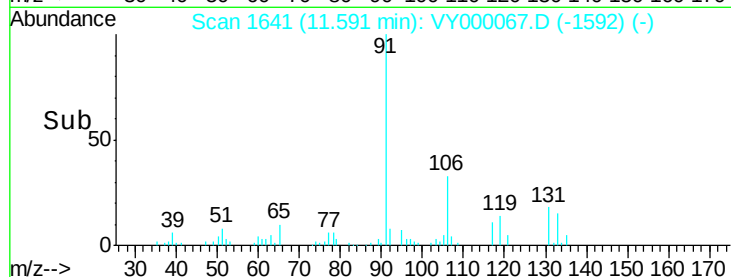
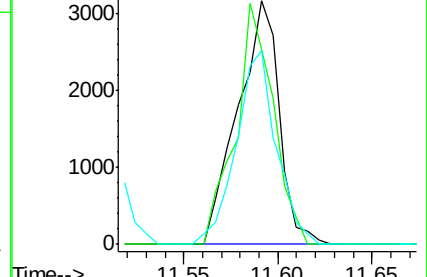
119 77.4 36.2 108.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 4.384 ug/l

RT: 11.59 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VY000067.D

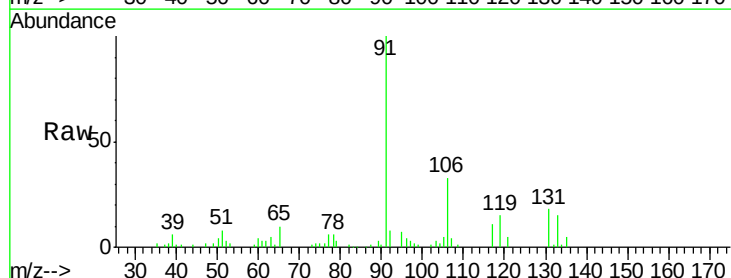
Acq: 18 Sep 2019 17:49

Tgt Ion: 91 Resp: 26863

Ion Ratio Lower Upper

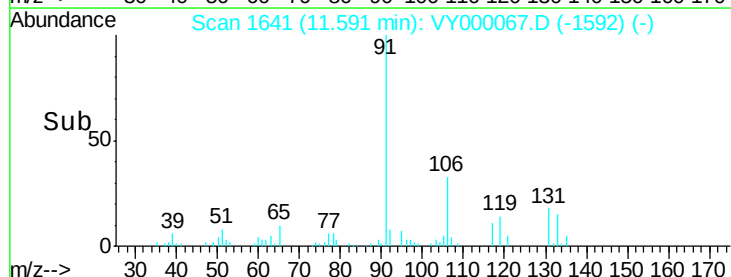
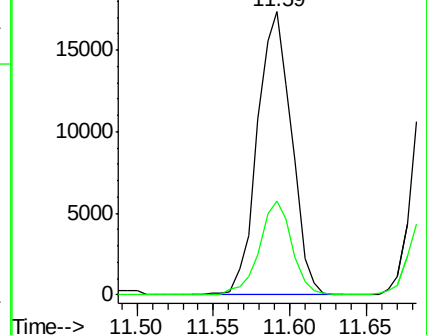
91 100

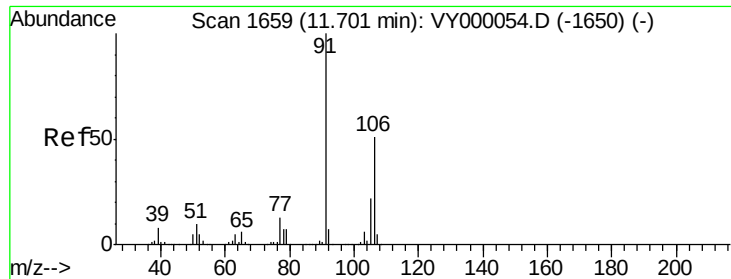
106 33.0 26.6 40.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V

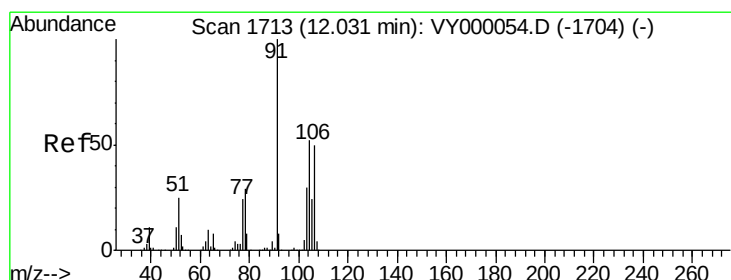
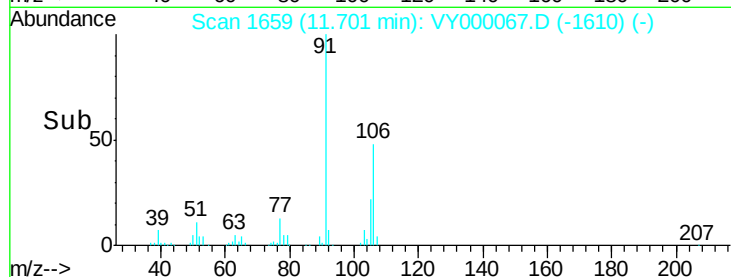
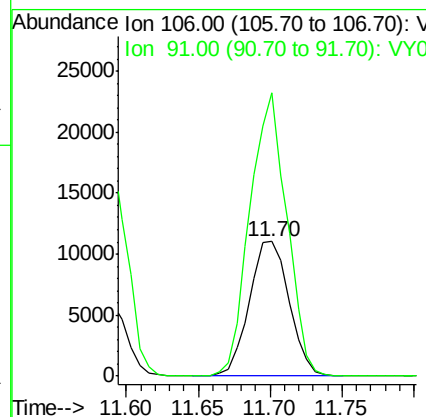
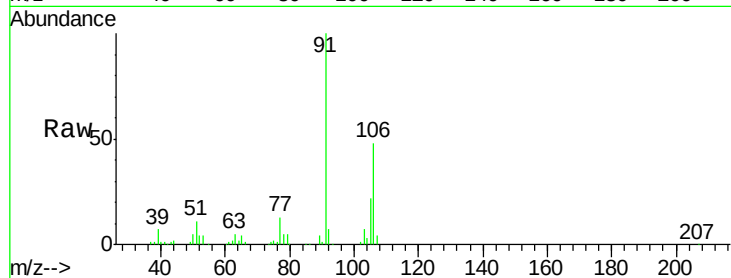




#68
m/p-Xylenes
Concen: 9.087 ug/l
RT: 11.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VY000067.D
Acq: 18 Sep 2019 17:49

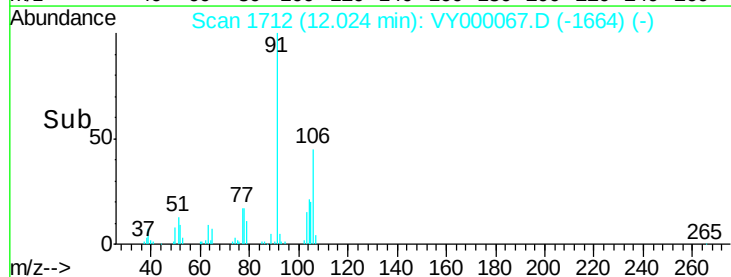
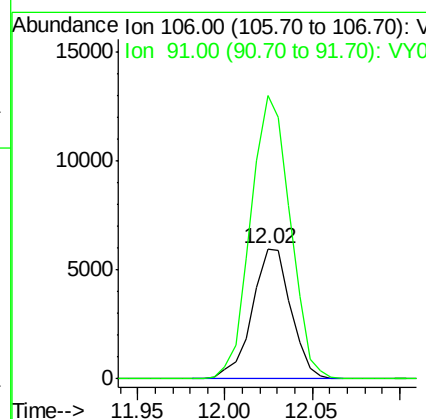
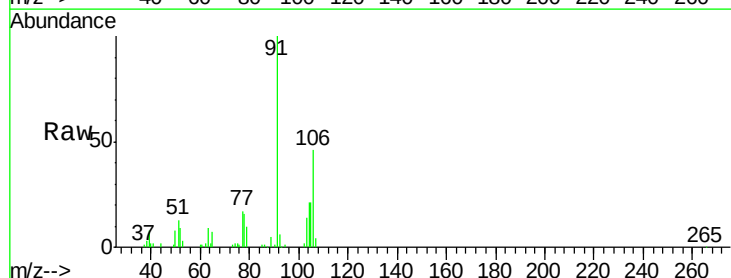
Instrument :
MSVOA_Y
ClientSampleId :

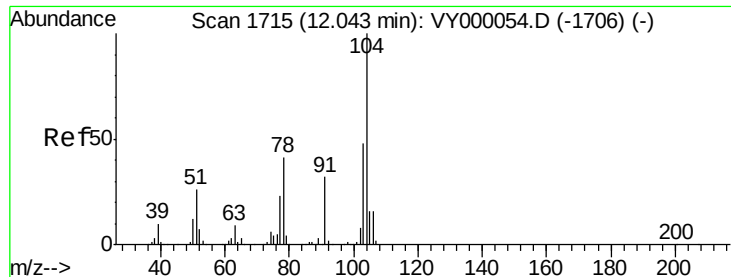
Tot Ion:106 Resp: 21188
Ion Ratio Lower Upper
106 100
91 194.4 154.5 231.7



#69
o-Xylene
Concen: 4.082 ug/l
RT: 12.02 min Scan# 1712
Delta R.T. -0.01 min
Lab File: VY000067.D
Acq: 18 Sep 2019 17:49

Tgt Ion:106 Resp: 9217
Ion Ratio Lower Upper
106 100
91 221.8 103.5 310.3





#70

Stvrene

Concen: 4.194 ug/l

RT: 12.04 min Scan# 1715

Delta R.T. -0.00 min

Lab File: VY000067.D

Acq: 18 Sep 2019 17:49

Instrument :

MSVOA_Y

ClientSampled :

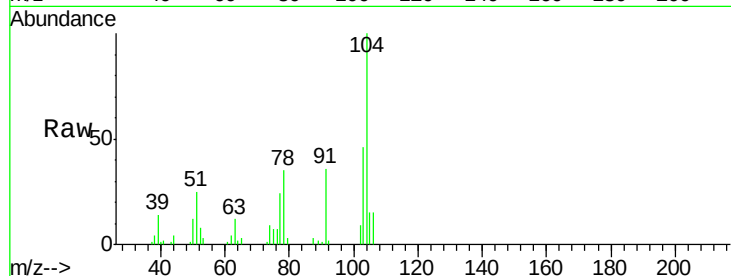
Tot Ion:104 Resp: 16623

Ion Ratio Lower Upper

104 100

78 49.8 37.7 56.5

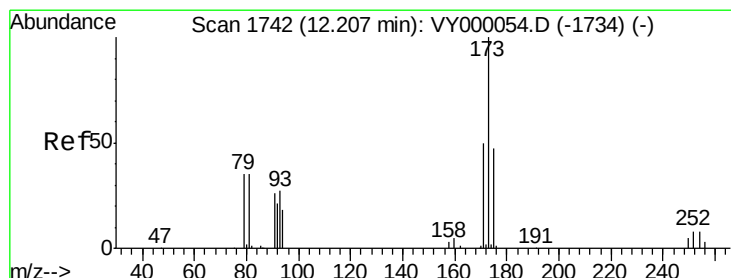
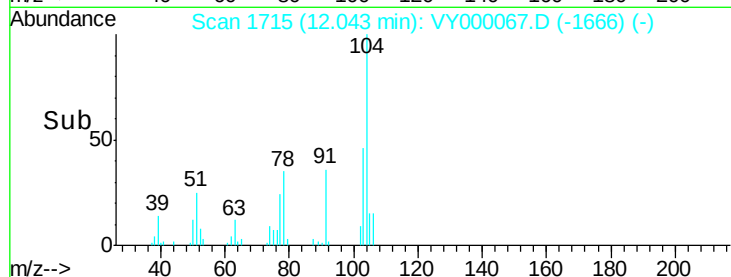
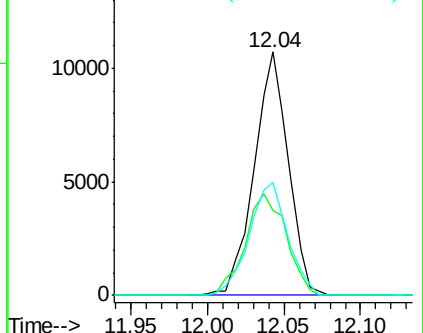
103 52.5 42.2 63.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VY0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 3.798 ug/l

RT: 12.20 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VY000067.D

Acq: 18 Sep 2019 17:49

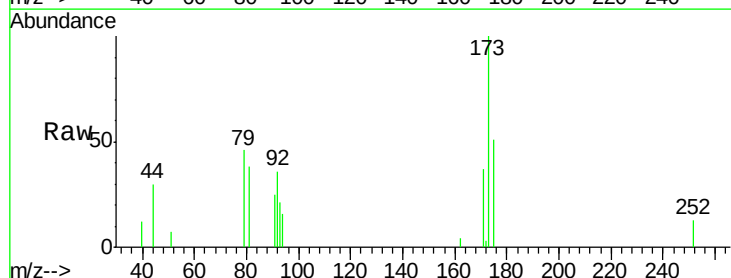
Tgt Ion:173 Resp: 2553

Ion Ratio Lower Upper

173 100

175 45.4 23.6 71.0

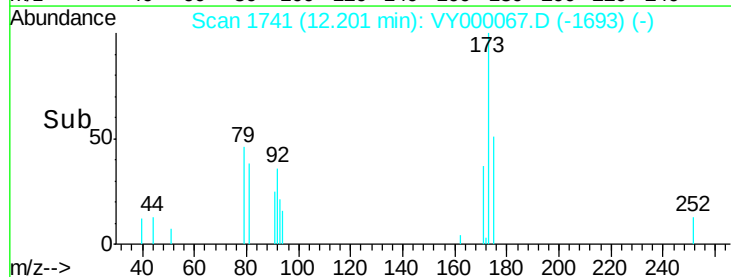
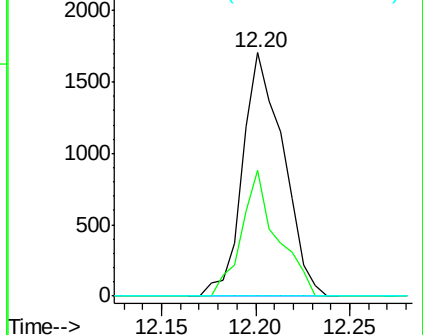
254 0.0 0.0 0.0

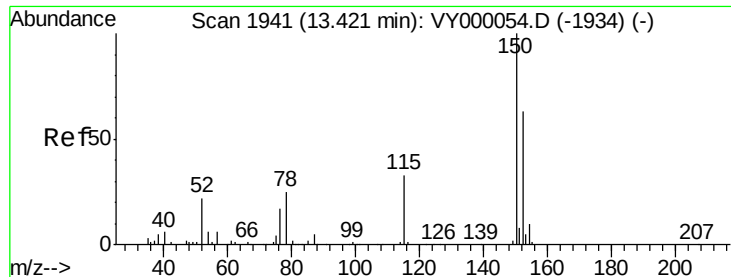


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



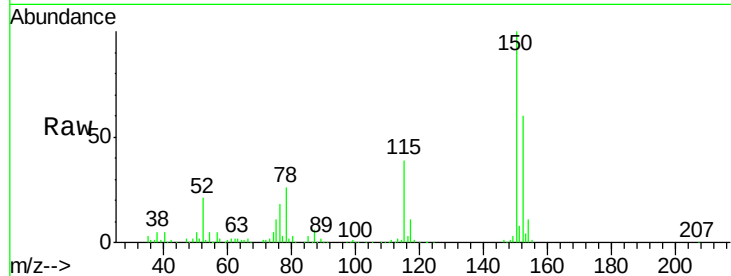


#72

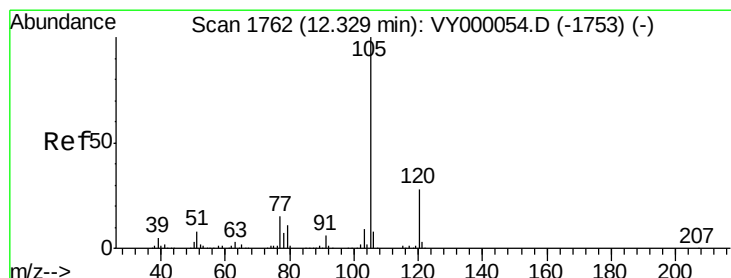
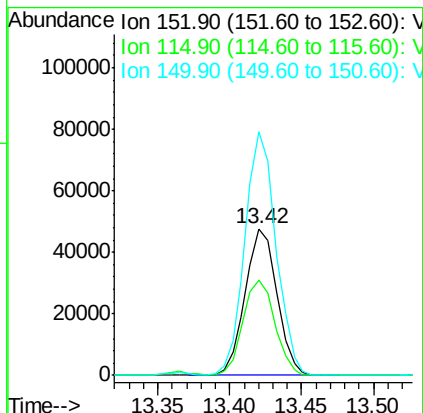
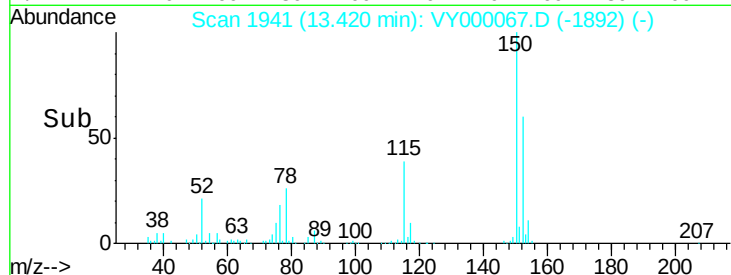
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000067.D
Acq: 18 Sep 2019 17:49

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:152 Resp: 72763
Ion Ratio Lower Upper
152 100
115 65.3 30.7 92.1
150 162.3 0.0 351.6



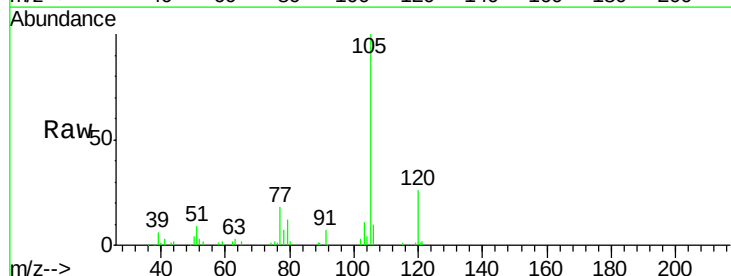
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



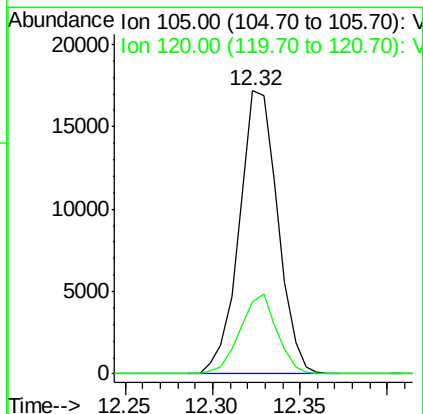
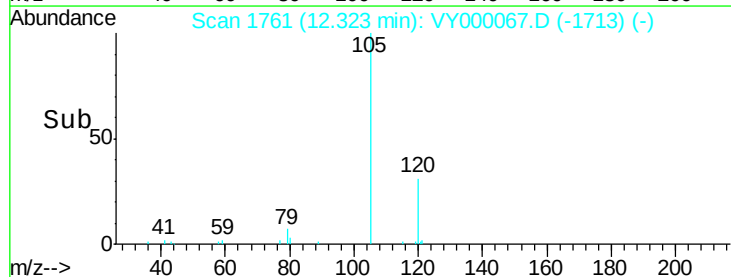
#73

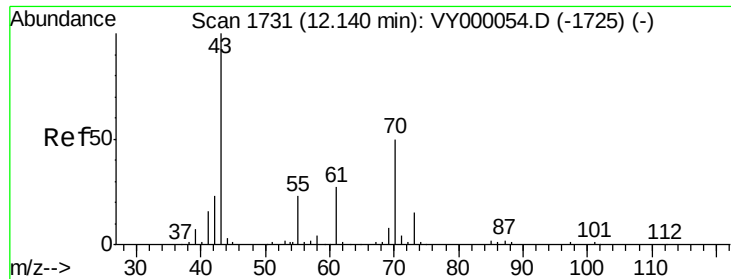
Isopropylbenzene
Concen: 4.478 ug/l
RT: 12.32 min Scan# 1761
Delta R.T. -0.01 min
Lab File: VY000067.D
Acq: 18 Sep 2019 17:49

Tgt Ion:105 Resp: 26260
Ion Ratio Lower Upper
105 100
120 27.0 13.9 41.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 4.343 ug/l

RT: 12.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VY000067.D

Acq: 18 Sep 2019 17:49

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 43 Resp: 7256

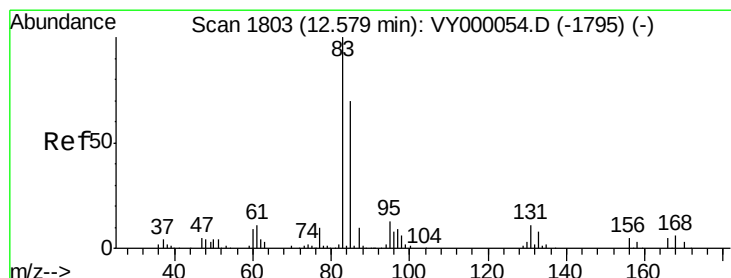
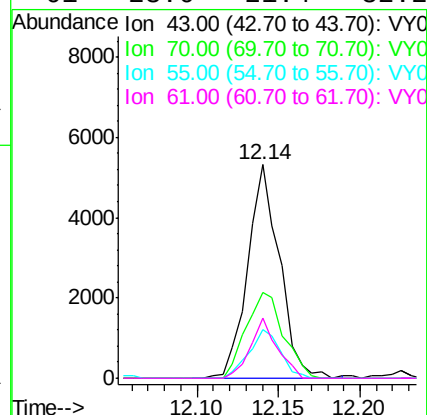
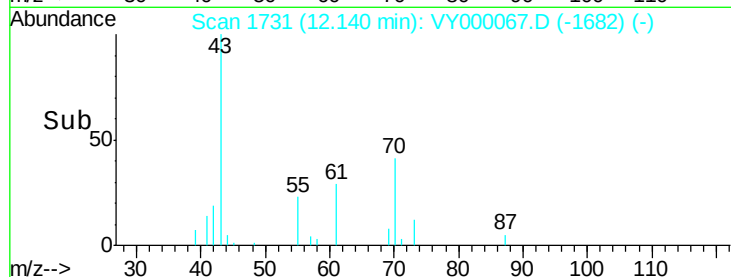
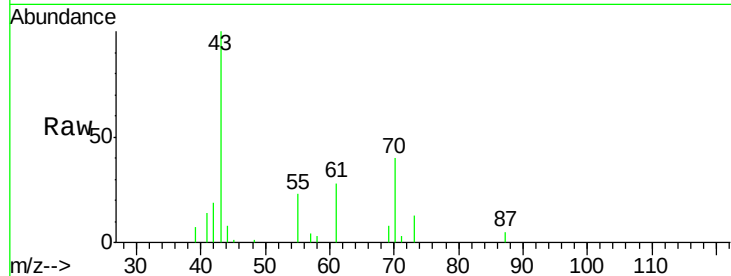
Ion	Ratio	Lower	Upper
43	100		
70	47.3	38.8	58.2
55	22.7	18.8	28.2
61	23.6	21.4	32.2

43 100

70 47.3 38.8 58.2

55 22.7 18.8 28.2

61 23.6 21.4 32.2



#75

1,1,2,2-Tetrachloroethane

Concen: 4.805 ug/l

RT: 12.58 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VY000067.D

Acq: 18 Sep 2019 17:49

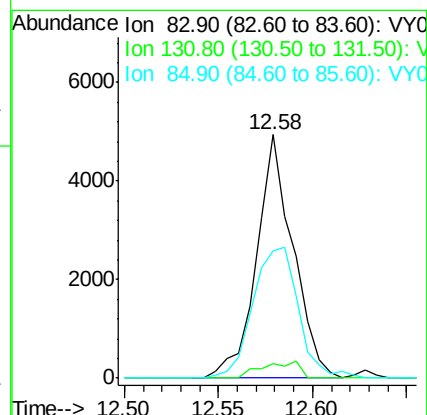
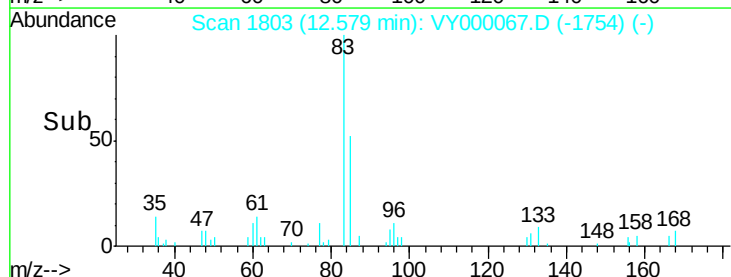
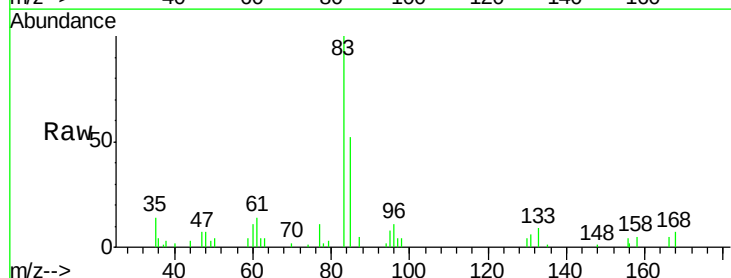
Tgt Ion: 83 Resp: 6633

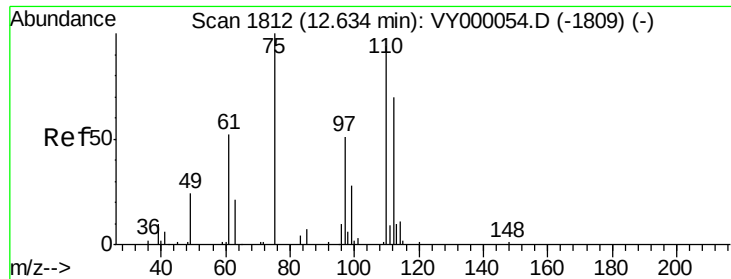
Ion	Ratio	Lower	Upper
83	100		
131	7.2	4.9	14.7
85	67.3	32.5	97.4

83 100

131 7.2 4.9 14.7

85 67.3 32.5 97.4

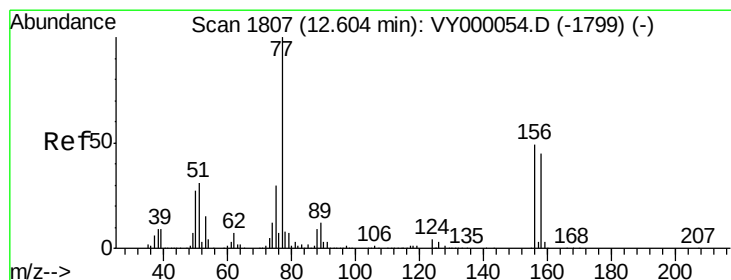
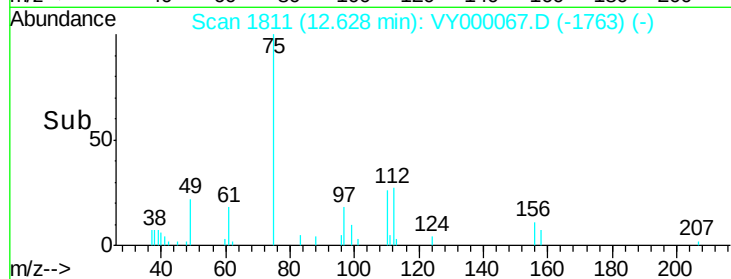
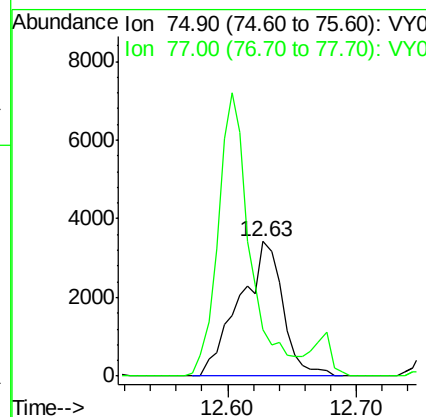
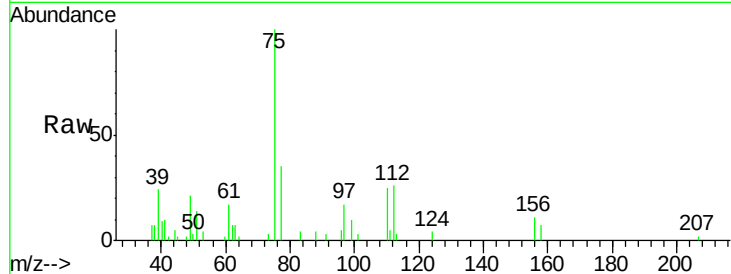




#76
 1,2,3-Trichloropropane
 Concen: 7.788 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: VY000067.D
 Acq: 18 Sep 2019 17:49

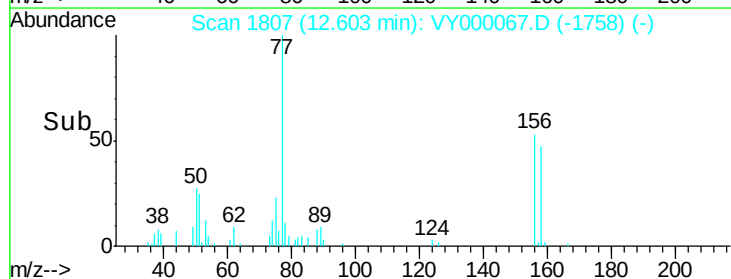
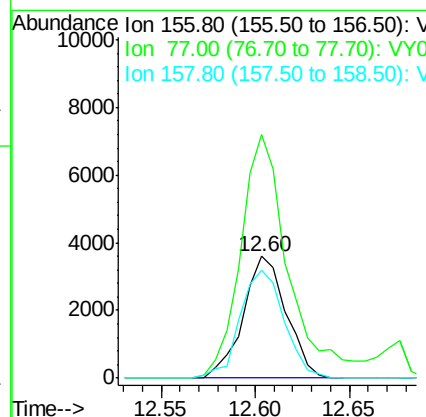
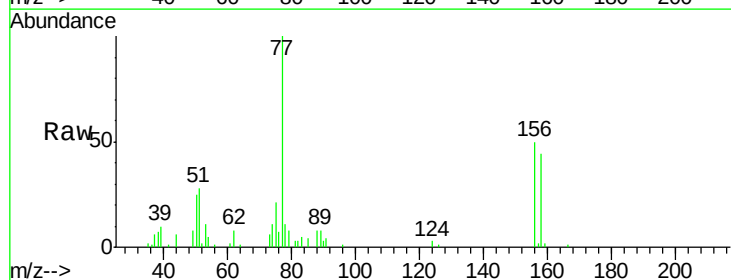
Instrument :
 MSVOA_Y
 ClientSampled :

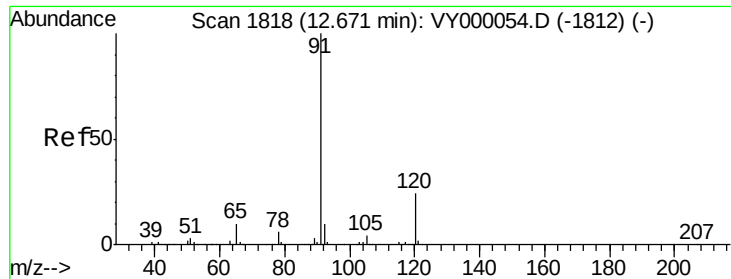
Tot Ion: 75 Resp: 7973
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#77
 Bromobenzene
 Concen: 4.660 ug/l
 RT: 12.60 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY000067.D
 Acq: 18 Sep 2019 17:49

Tgt Ion: 156 Resp: 5706
 Ion Ratio Lower Upper
 156 100
 77 222.9 109.7 329.0
 158 89.7 48.0 144.2





#78

n-propylbenzene

Concen: 4.522 ug/l

RT: 12.67 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY000067.D

Acq: 18 Sep 2019 17:49

Instrument :

MSVOA_Y

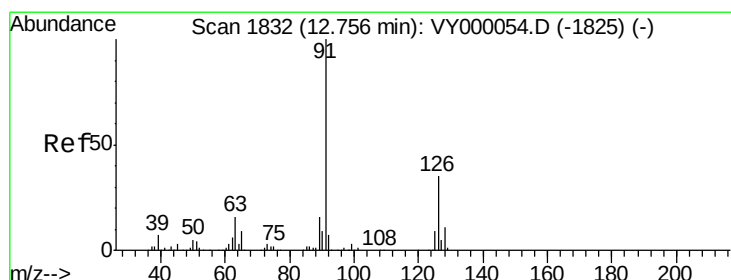
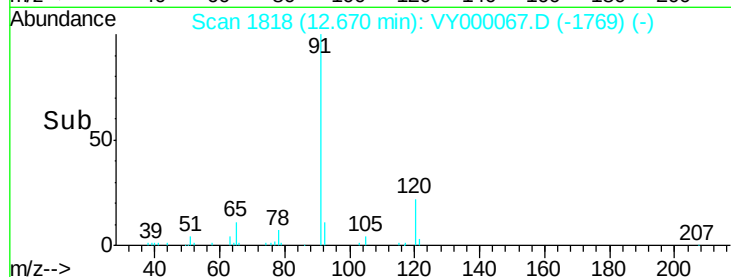
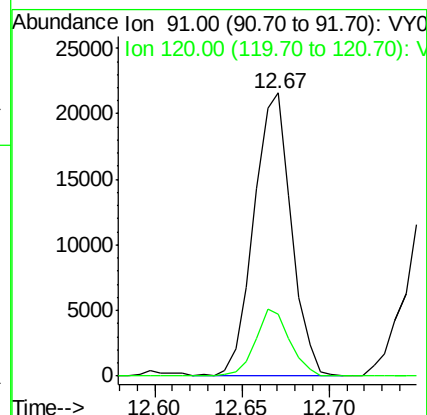
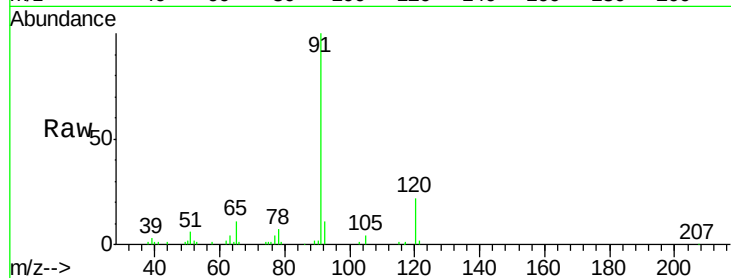
ClientSampleId :

Tot Ion: 91 Resp: 32349

Ion Ratio Lower Upper

91 100

120 21.5 11.5 34.5



#79

2-Chlorotoluene

Concen: 4.473 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VY000067.D

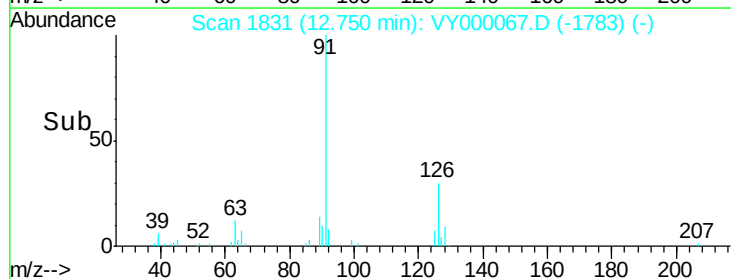
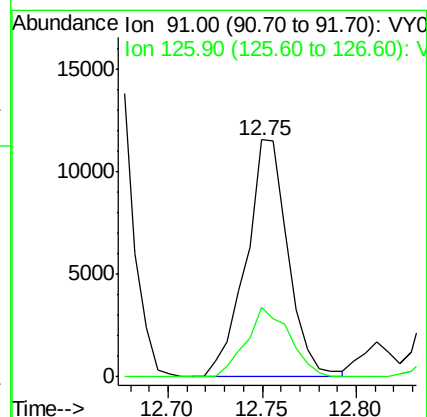
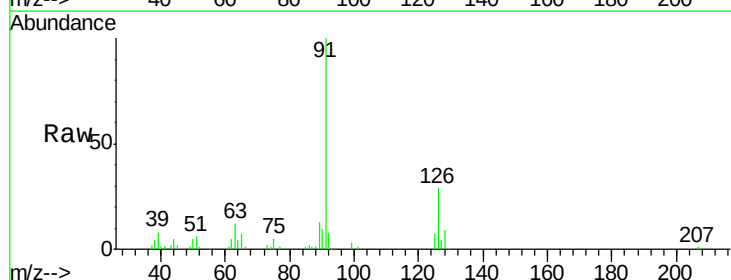
Acq: 18 Sep 2019 17:49

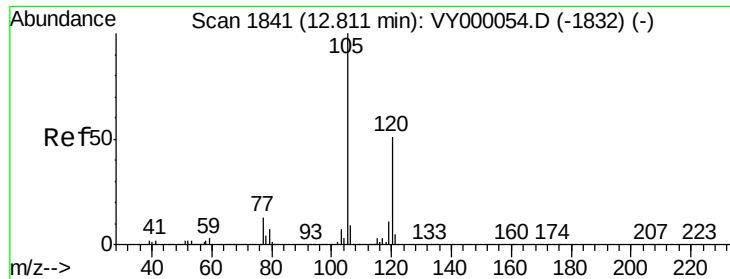
Tgt Ion: 91 Resp: 17887

Ion Ratio Lower Upper

91 100

126 30.4 17.2 51.5

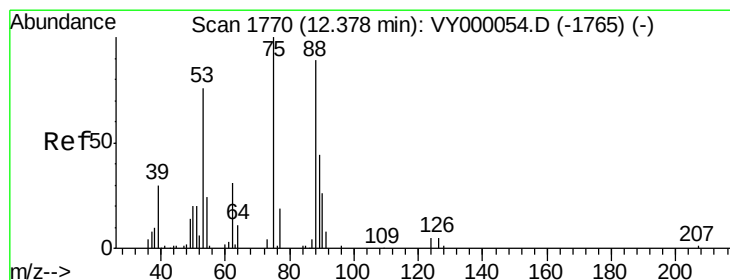
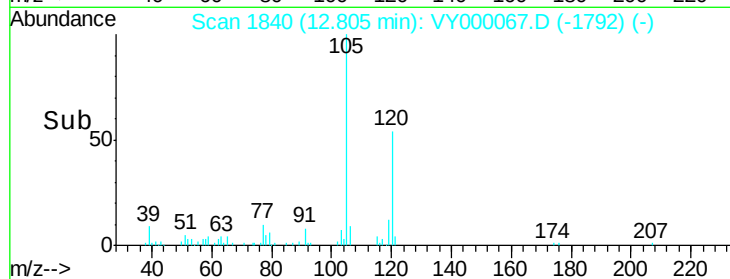
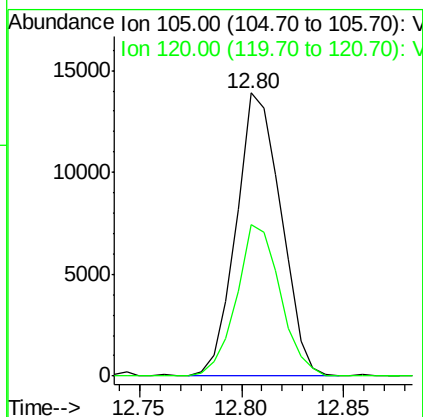
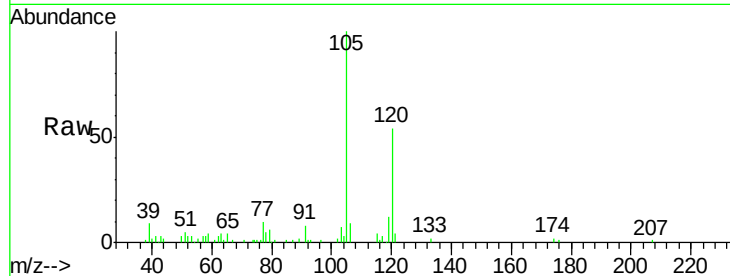




#80
 1,3,5-Trimethylbenzene
 Concen: 4.368 ug/l
 RT: 12.80 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: VY000067.D
 Acq: 18 Sep 2019 17:49

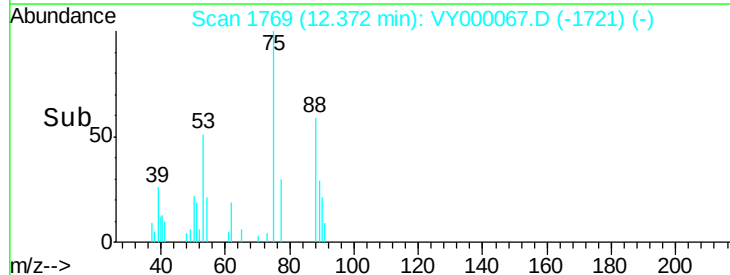
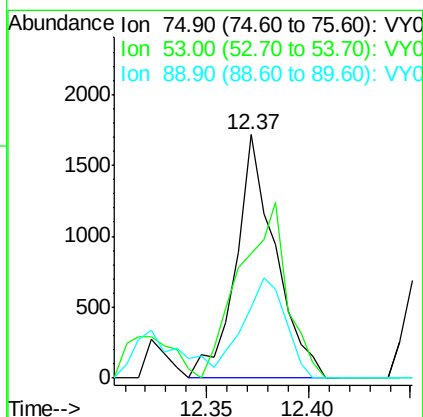
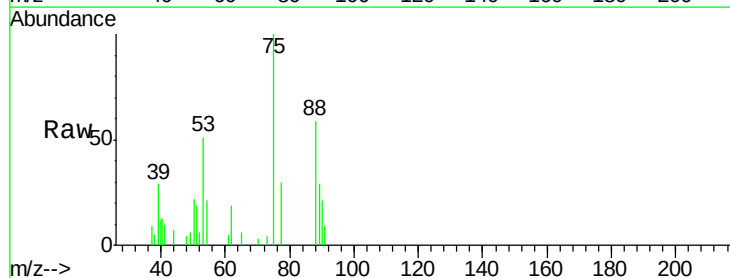
Instrument :
 MSVOA_Y
 ClientSampled :

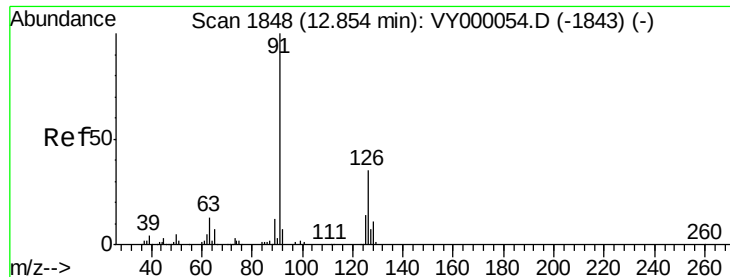
Tot Ion:105 Resp: 21217
 Ion Ratio Lower Upper
 105 100
 120 52.3 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 4.313 ug/l
 RT: 12.37 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: VY000067.D
 Acq: 18 Sep 2019 17:49

Tgt Ion: 75 Resp: 2296
 Ion Ratio Lower Upper
 75 100
 53 87.0 60.9 91.3
 89 44.6 35.3 52.9





#82

4-Chlorotoluene

Concen: 4.420 ug/l

RT: 12.85 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VY000067.D

Acq: 18 Sep 2019 17:49

Instrument :

MSVOA_Y

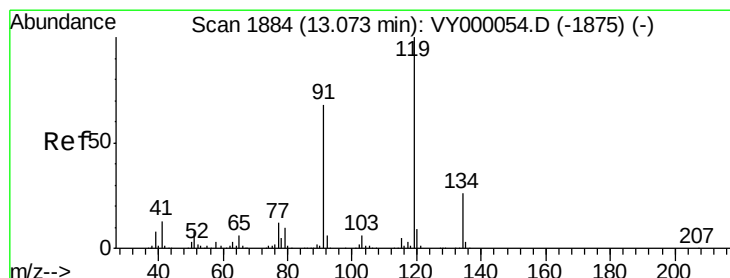
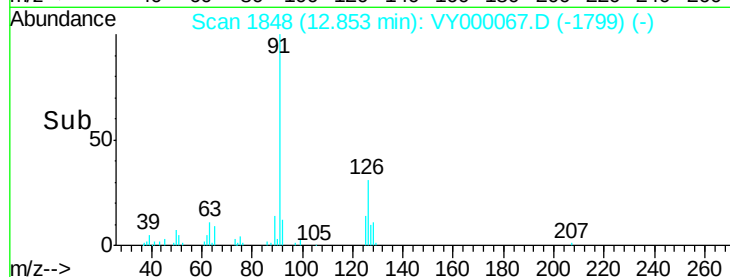
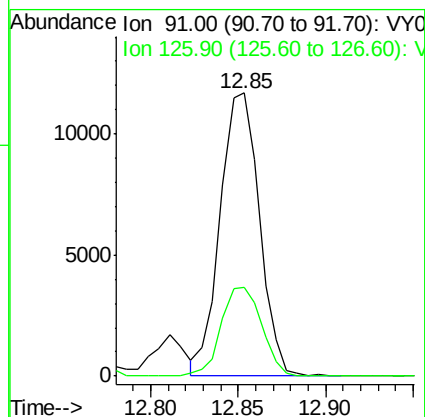
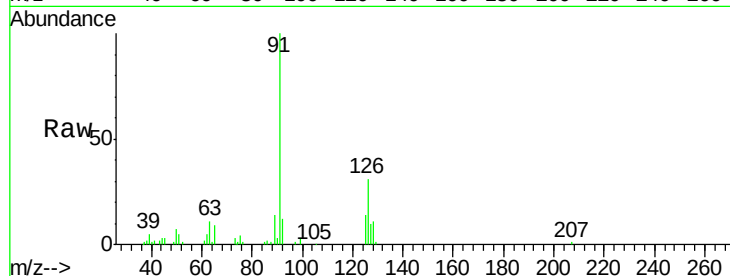
ClientSampleId :

Tot Ion: 91 Resp: 18278

Ion Ratio Lower Upper

91 100

126 32.4 16.7 50.1



#83

tert-Butylbenzene

Concen: 4.486 ug/l

RT: 13.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VY000067.D

Acq: 18 Sep 2019 17:49

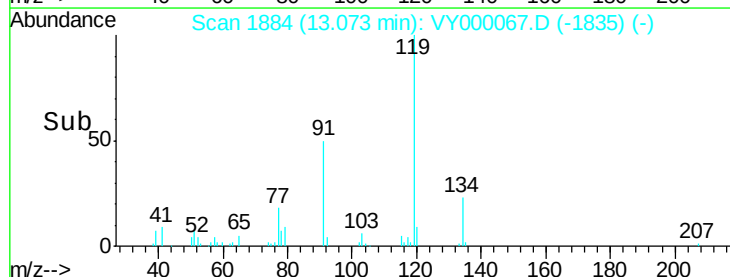
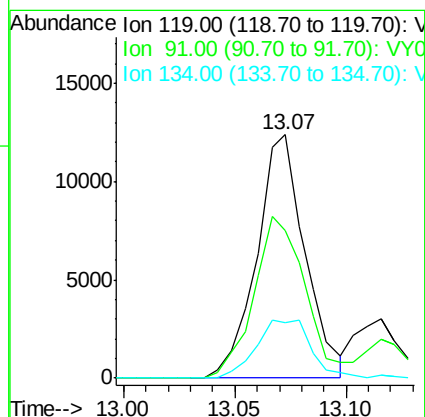
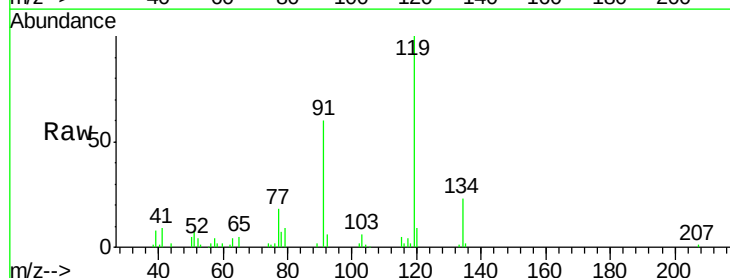
Tgt Ion: 119 Resp: 18644

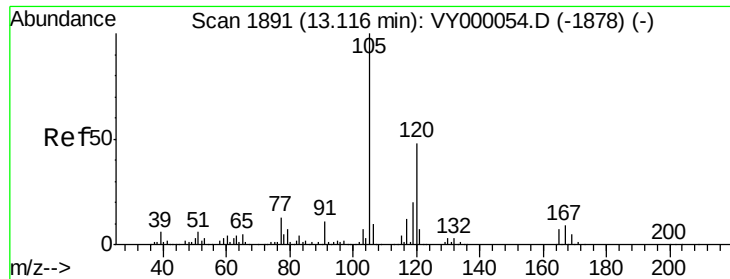
Ion Ratio Lower Upper

119 100

91 70.1 33.4 100.1

134 26.9 12.7 38.0

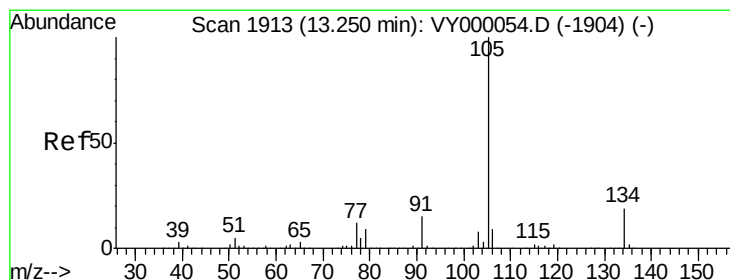
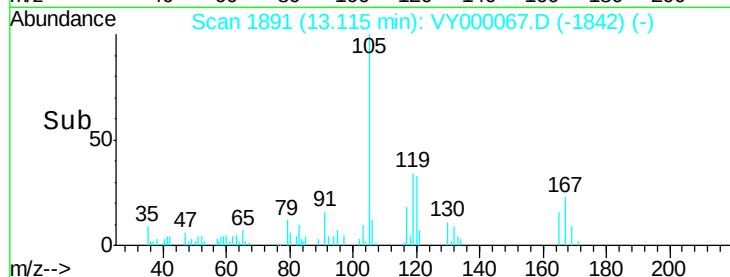
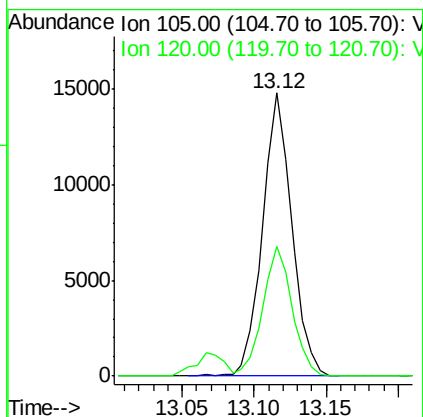
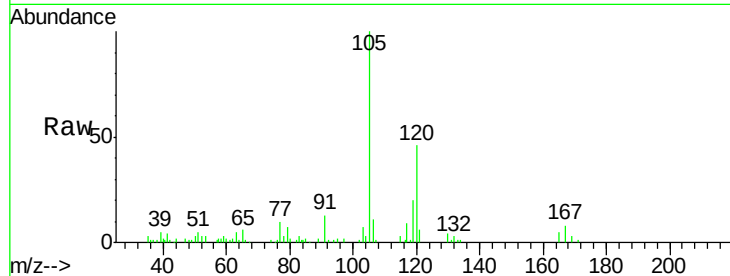




#84
 1,2,4-Trimethylbenzene
 Concen: 4.350 ug/l
 RT: 13.12 min Scan# 1891
 Delta R.T. -0.00 min
 Lab File: VY000067.D
 Acq: 18 Sep 2019 17:49

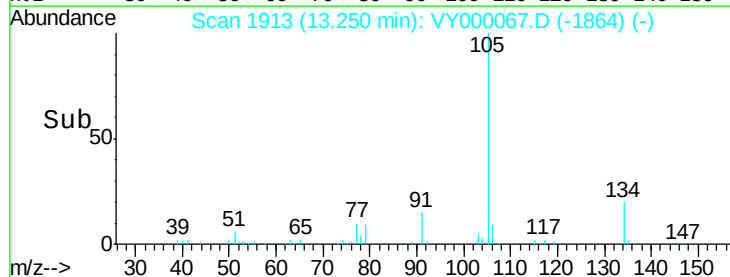
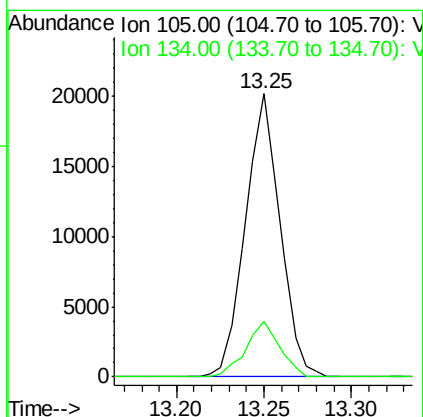
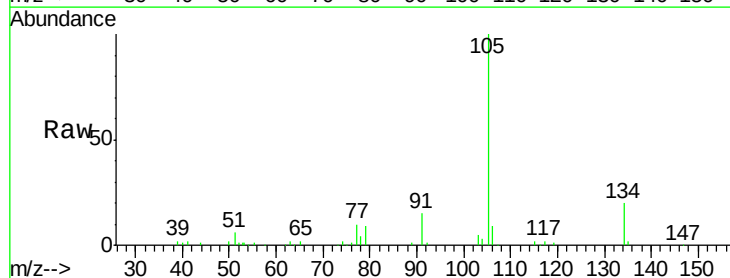
Instrument :
 MSVOA_Y
 ClientSampleId :

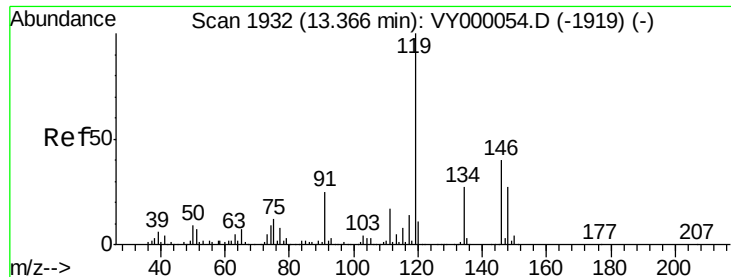
Tot Ion:105 Resp: 20833
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.9 68.7



#85
 sec-Butylbenzene
 Concen: 4.529 ug/l
 RT: 13.25 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: VY000067.D
 Acq: 18 Sep 2019 17:49

Tgt Ion:105 Resp: 27809
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4

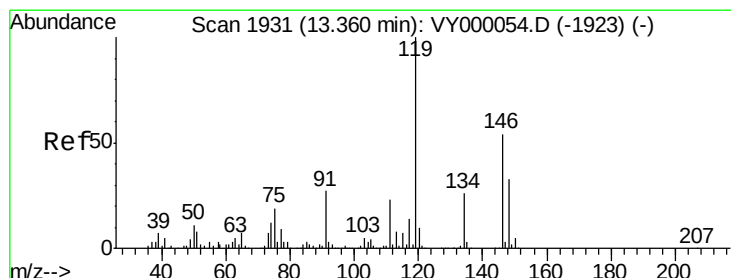
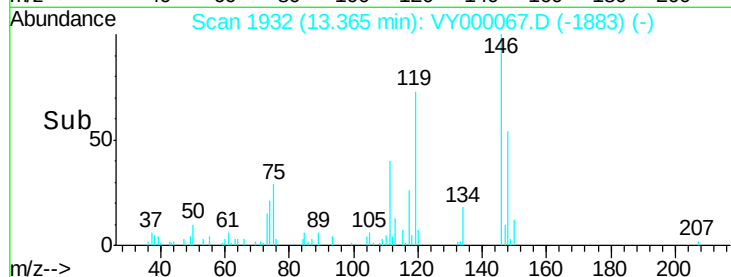
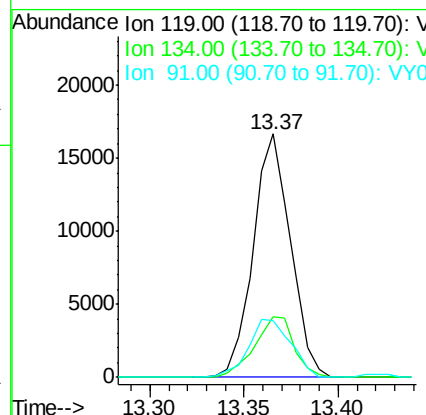
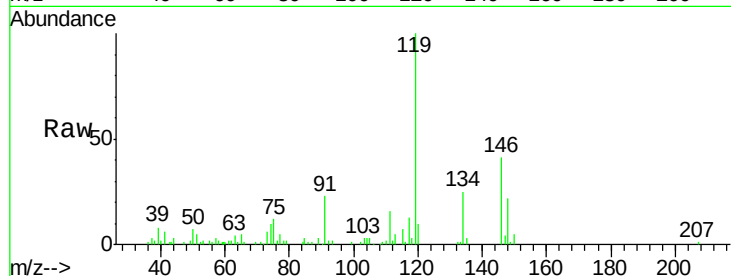




#86
 p-Isopropyltoluene
 Concen: 4.390 ug/l
 RT: 13.37 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VY000067.D
 Acq: 18 Sep 2019 17:49

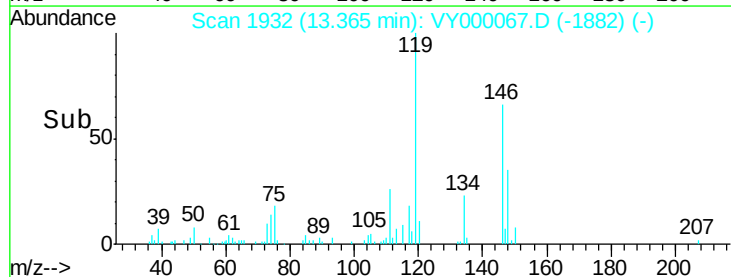
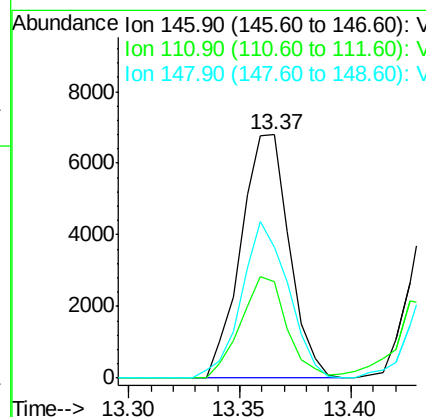
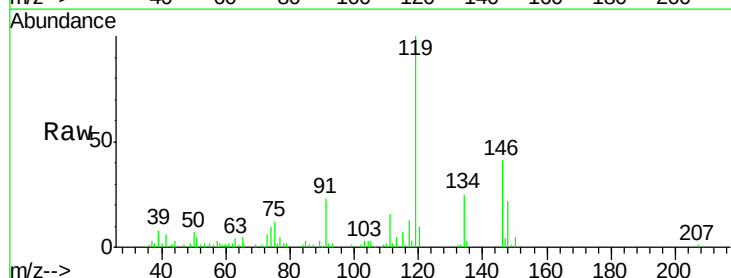
Instrument :
 MSVOA_Y
 ClientSampleId :

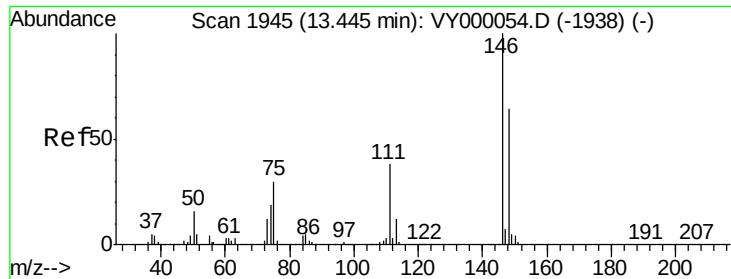
Tot Ion:119 Resp: 22849
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.4 40.2
 91 27.1 12.4 37.4



#87
 1,3-Dichlorobenzene
 Concen: 4.249 ug/l
 RT: 13.37 min Scan# 1932
 Delta R.T. 0.01 min
 Lab File: VY000067.D
 Acq: 18 Sep 2019 17:49

Tgt Ion:146 Resp: 10320
 Ion Ratio Lower Upper
 146 100
 111 39.7 21.1 63.1
 148 61.8 31.8 95.3





#88

1,4-Dichlorobenzene

Concen: 4.676 ug/l

RT: 13.44 min Scan# 1944

Delta R.T. -0.01 min

Lab File: VY000067.D

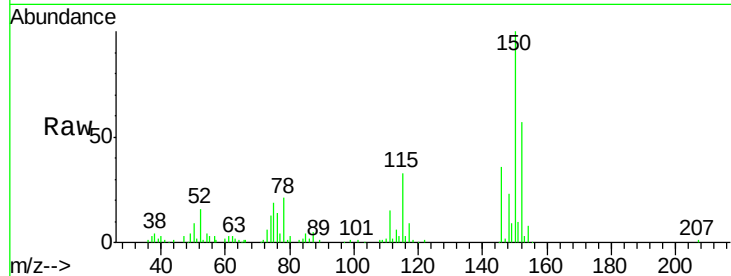
Acq: 18 Sep 2019 17:49

Instrument :

MSVOA_Y

ClientSampleId :

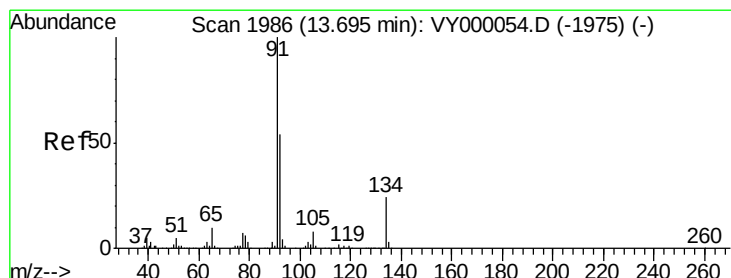
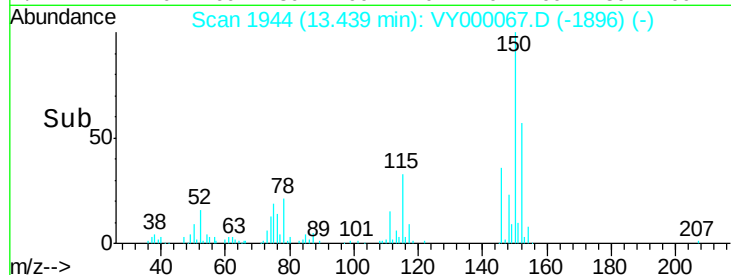
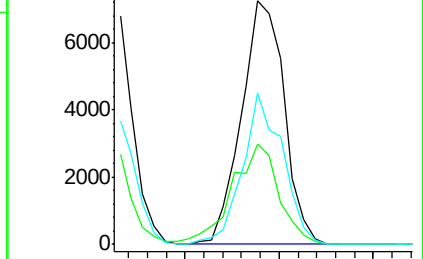
Tot Ion:146	Resp:	11412
Ion Ratio	Lower	Upper
146	100	
111	45.4	20.8 62.4
148	58.4	31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 4.422 ug/l

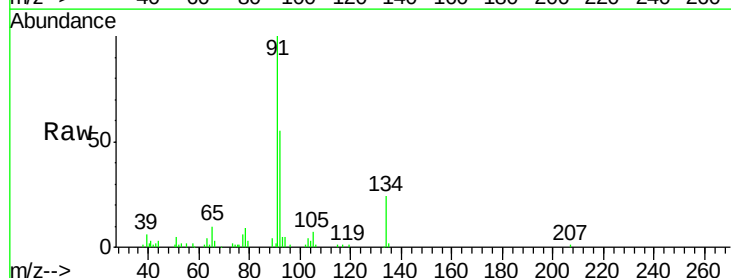
RT: 13.69 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VY000067.D

Acq: 18 Sep 2019 17:49

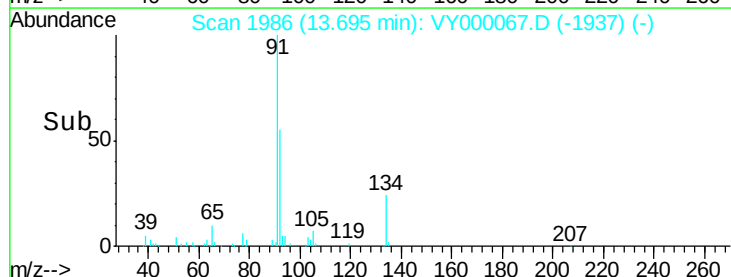
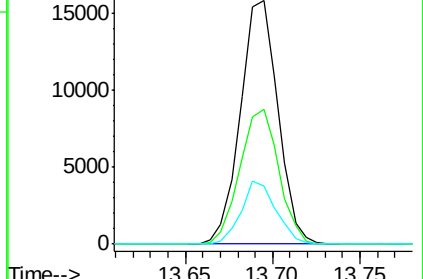
Tgt Ion: 91	Resp:	23678
Ion Ratio	Lower	Upper
91	100	
92	57.3	27.2 81.5
134	23.8	12.2 36.6

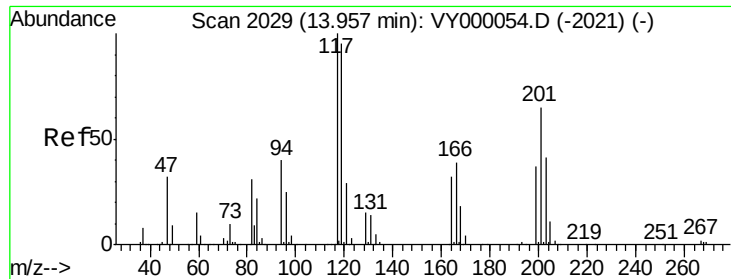


Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 92.00 (91.70 to 92.70): VY0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 4.285 ug/l

RT: 13.96 min Scan# 2029

Delta R.T. -0.00 min

Lab File: VY000067.D

Acq: 18 Sep 2019 17:49

Instrument :

MSVOA_Y

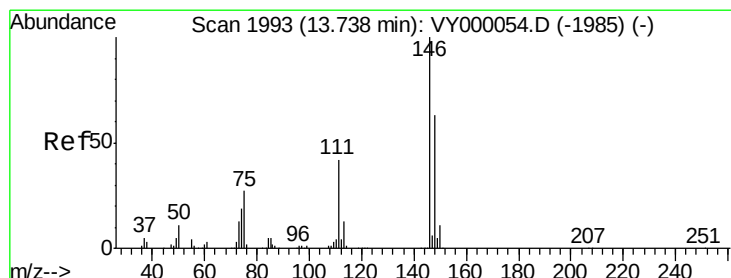
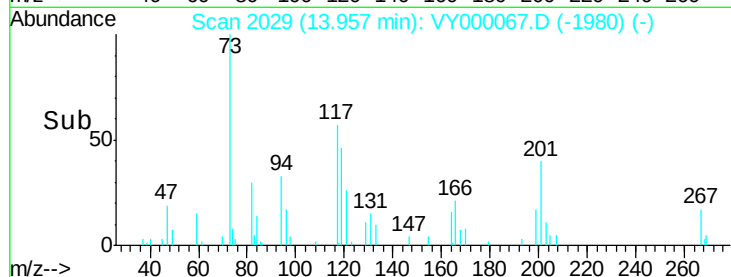
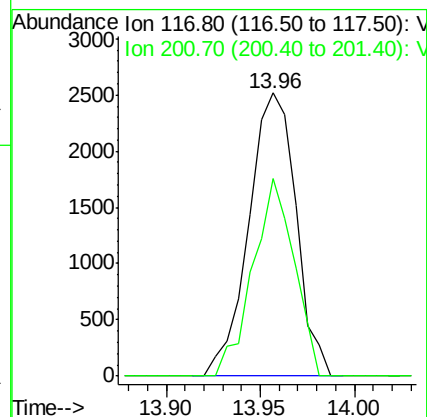
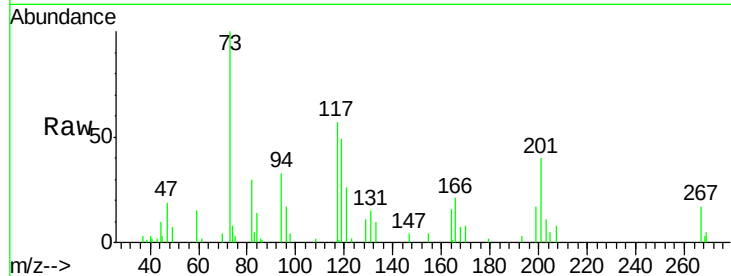
ClientSampled :

Tot Ion:117 Resp: 4382

Ion Ratio Lower Upper

117 100

201 61.0 30.6 92.0



#91

1,2-Dichlorobenzene

Concen: 4.370 ug/l

RT: 13.74 min Scan# 1993

Delta R.T. -0.00 min

Lab File: VY000067.D

Acq: 18 Sep 2019 17:49

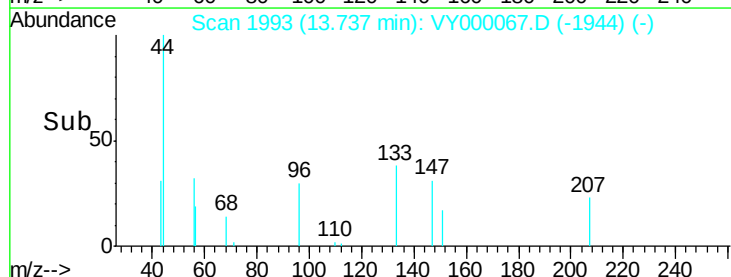
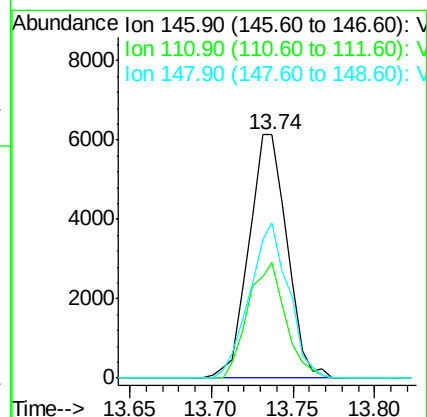
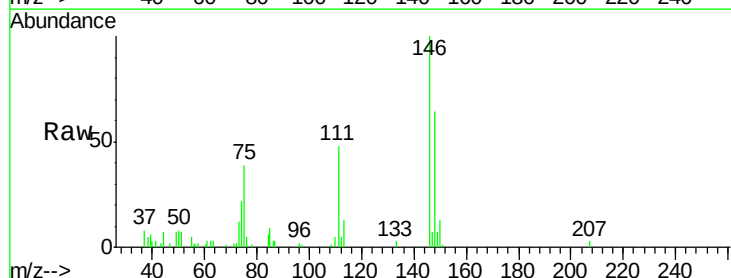
Tgt Ion:146 Resp: 9973

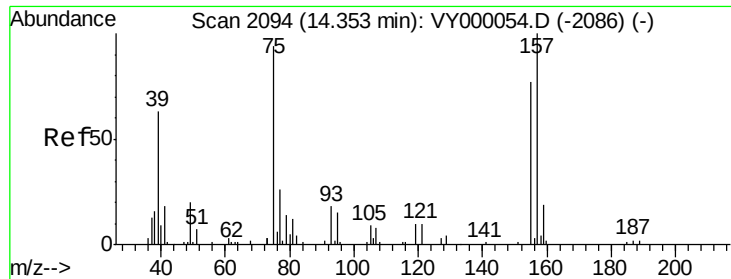
Ion Ratio Lower Upper

146 100

111 46.8 21.9 65.7

148 65.1 32.4 97.2

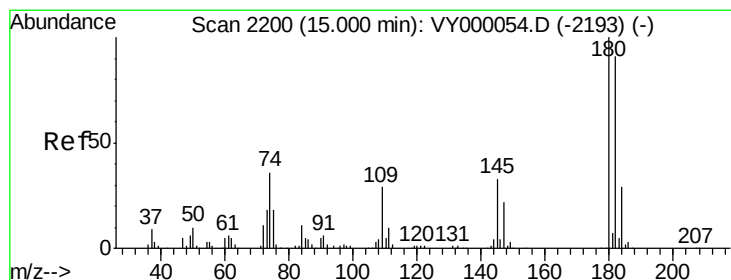
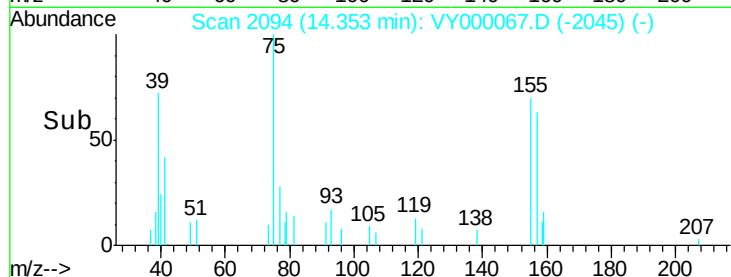
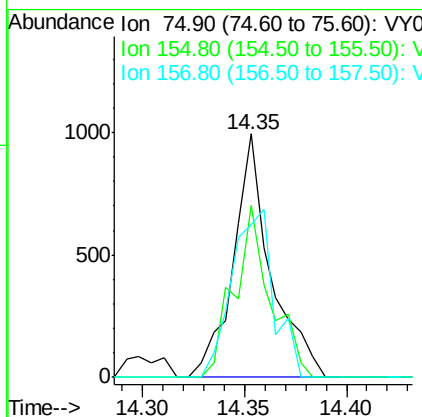
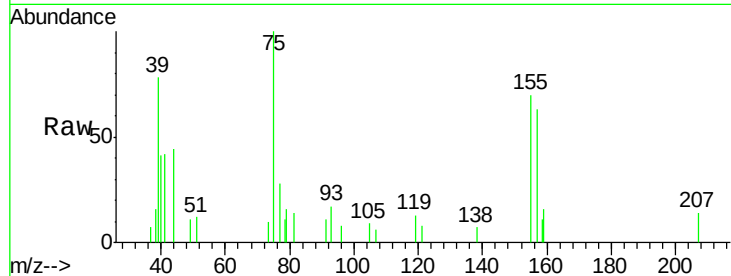




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.151 ug/l
 RT: 14.35 min Scan# 2094
 Delta R.T. -0.00 min
 Lab File: VY000067.D
 Acq: 18 Sep 2019 17:49

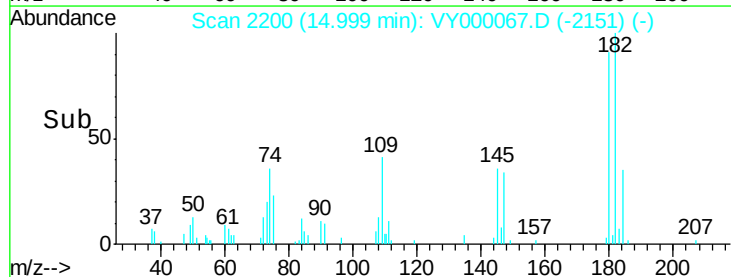
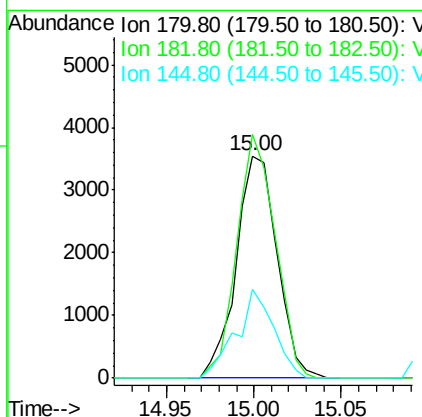
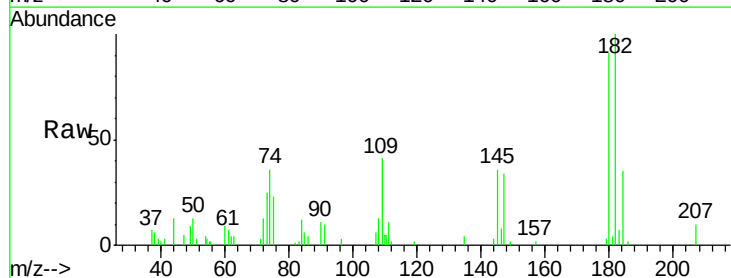
Instrument :
 MSVOA_Y
 ClientSampleId :

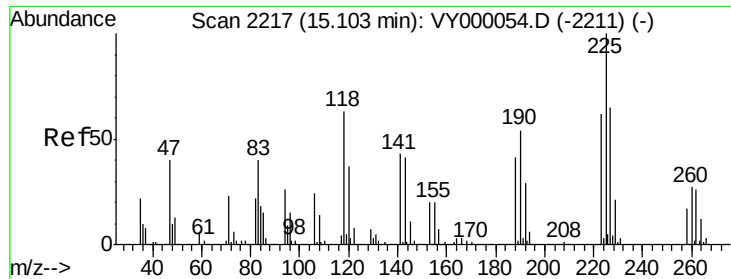
Tot Ion: 75 Resp: 1266
 Ion Ratio Lower Upper
 75 100
 155 68.4 40.6 121.7
 157 77.1 52.9 158.8



#93
 1,2,4-Trichlorobenzene
 Concen: 4.198 ug/l
 RT: 15.00 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: VY000067.D
 Acq: 18 Sep 2019 17:49

Tgt Ion: 180 Resp: 5781
 Ion Ratio Lower Upper
 180 100
 182 102.6 48.5 145.6
 145 36.3 17.2 51.6





#94

Hexachlorobutadiene

Concen: 3.874 ug/l

RT: 15.10 min Scan# 2216

Delta R.T. -0.01 min

Lab File: VY000067.D

Acq: 18 Sep 2019 17:49

Instrument :

MSVOA_Y

ClientSampleId :

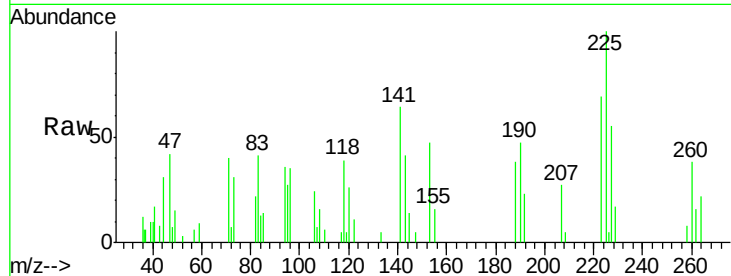
Tot Ion:225 Resp: 2561

Ion Ratio Lower Upper

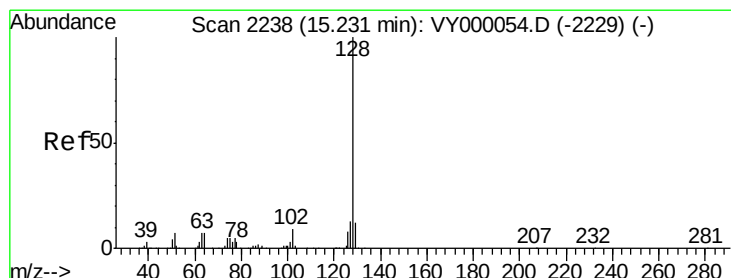
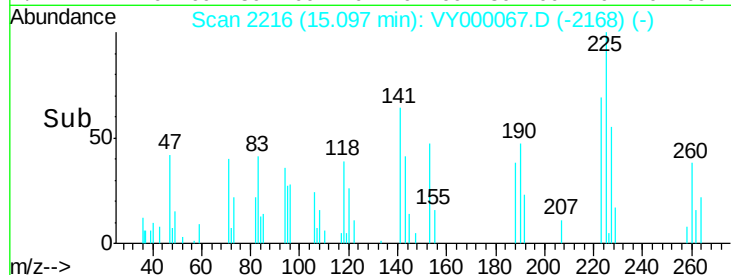
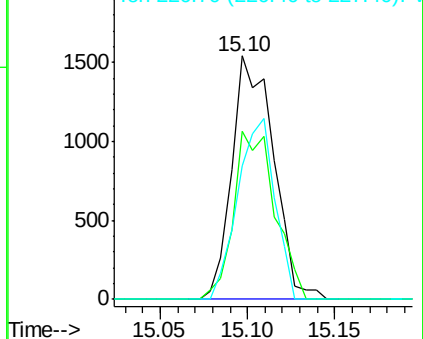
225 100

223 68.7 31.9 95.5

227 66.0 30.6 91.6



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: 4.347 ug/l

RT: 15.23 min Scan# 2238

Delta R.T. -0.00 min

Lab File: VY000067.D

Acq: 18 Sep 2019 17:49

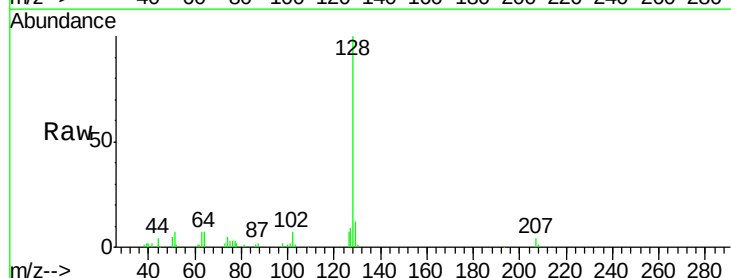
Tgt Ion:128 Resp: 16994

Ion Ratio Lower Upper

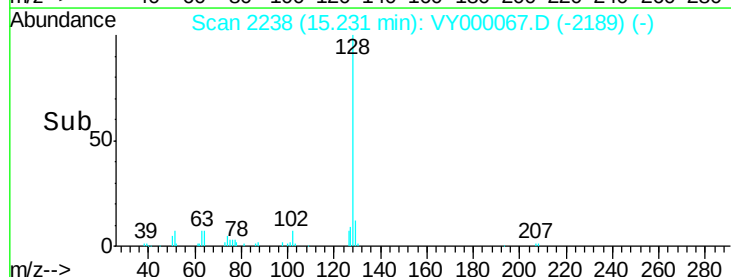
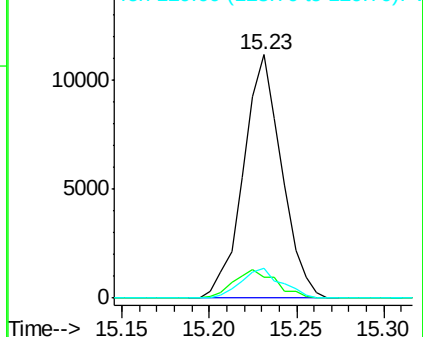
128 100

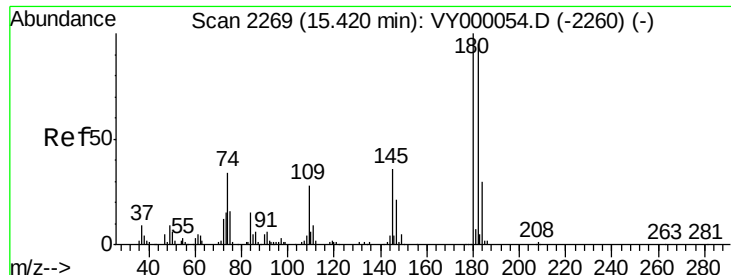
127 13.1 10.3 15.5

129 12.7 9.2 13.8



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





#96
 1,2,3-Trichlorobenzene
 Concen: 4.052 ug/l
 RT: 15.42 min Scan# 2269
 Delta R.T. -0.00 min
 Lab File: VY000067.D
 Acq: 18 Sep 2019 17:49

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.7	47.5	142.5
145	38.5	17.4	52.2

