

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
 Data File : VY019511.D
 Acq On : 11 Sep 2024 16:06
 Operator : SY/MD
 Sample : P3929-04
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 12 01:33:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	7980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	15597	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	12469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	2060	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	6681	90.415	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 180.820%#	
35) Dibromofluoromethane	7.622	113	4480	50.660	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.320%	
50) Toluene-d8	10.109	98	17643	53.939	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.880%	
62) 4-Bromofluorobenzene	12.401	95	4108	32.663	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 65.320%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.897	85	23	Below Cal	#	43
3) Chloromethane	2.074	50	446	6.755	ug/l	95
4) Vinyl Chloride	2.202	62	113	1.583	ug/l #	42
5) Bromomethane	2.610	94	181	4.127	ug/l #	53
6) Chloroethane	2.708	64	245	5.250	ug/l #	42
10) Methyl Iodide	4.007	142	335	3.549	ug/l #	85
11) Tert butyl alcohol	4.726	59	57	9.552	ug/l #	1
13) Acrolein	3.647	56	208	61.605	ug/l	93
14) Allyl chloride	4.378	41	153	1.205	ug/l #	1
15) Acrylonitrile	5.019	53	82	4.761	ug/l #	18
16) Acetone	3.854	43	520	29.539	ug/l #	36
18) Methyl Acetate	4.366	43	367	7.682	ug/l #	46
20) Methylene Chloride	4.592	84	642	7.997	ug/l #	71
23) Vinyl Acetate	5.964	43	204	1.370	ug/l #	67
25) 2-Butanone	6.872	43	370	14.778	ug/l #	41
27) cis-1,2-Dichloroethene	6.902	96	135	1.432	ug/l #	1
29) Tetrahydrofuran	7.280	42	126	8.277	ug/l #	40
31) Cyclohexane	7.725	56	449	3.395	ug/l #	11
36) 1,1-Dichloropropene	7.707	75	821	6.823	ug/l #	40
37) Ethyl Acetate	6.957	43	245	3.974	ug/l #	51
38) Carbon Tetrachloride	7.701	117	880	6.485	ug/l #	13
41) Methacrylonitrile	7.226	41	92	2.560	ug/l #	24
43) Isopropyl Acetate	8.189	43	368	2.841	ug/l #	47
46) Dibromomethane	9.225	93	78	1.574	ug/l #	3
48) Methyl methacrylate	9.207	41	92	1.504	ug/l #	59
51) 4-Methyl-2-Pentanone	9.987	43	242	3.714	ug/l #	31
55) 1,1,2-Trichloroethane	10.585	97	101	1.476	ug/l #	16
56) Ethyl methacrylate	10.438	69	263	2.530	ug/l #	53
59) 2-Hexanone	10.530	43	97	2.030	ug/l	66
74) N-amyl acetate	12.066	43	214	5.265	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.493	83	146	5.504	ug/l #	1
76) 1,2,3-Trichloropropane	12.401	75	2316	119.949	ug/l #	100
77) Bromobenzene	12.548	156	136	4.103	ug/l #	41
78) n-propylbenzene	12.426	91	381	2.151	ug/l	87
79) 2-Chlorotoluene	12.682	91	166	1.608	ug/l #	39
81) trans-1,4-Dichloro-2-b...	12.401	75	2316	230.268	ug/l #	21

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 QLast Update : Mon Sep 09 16:00:30 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

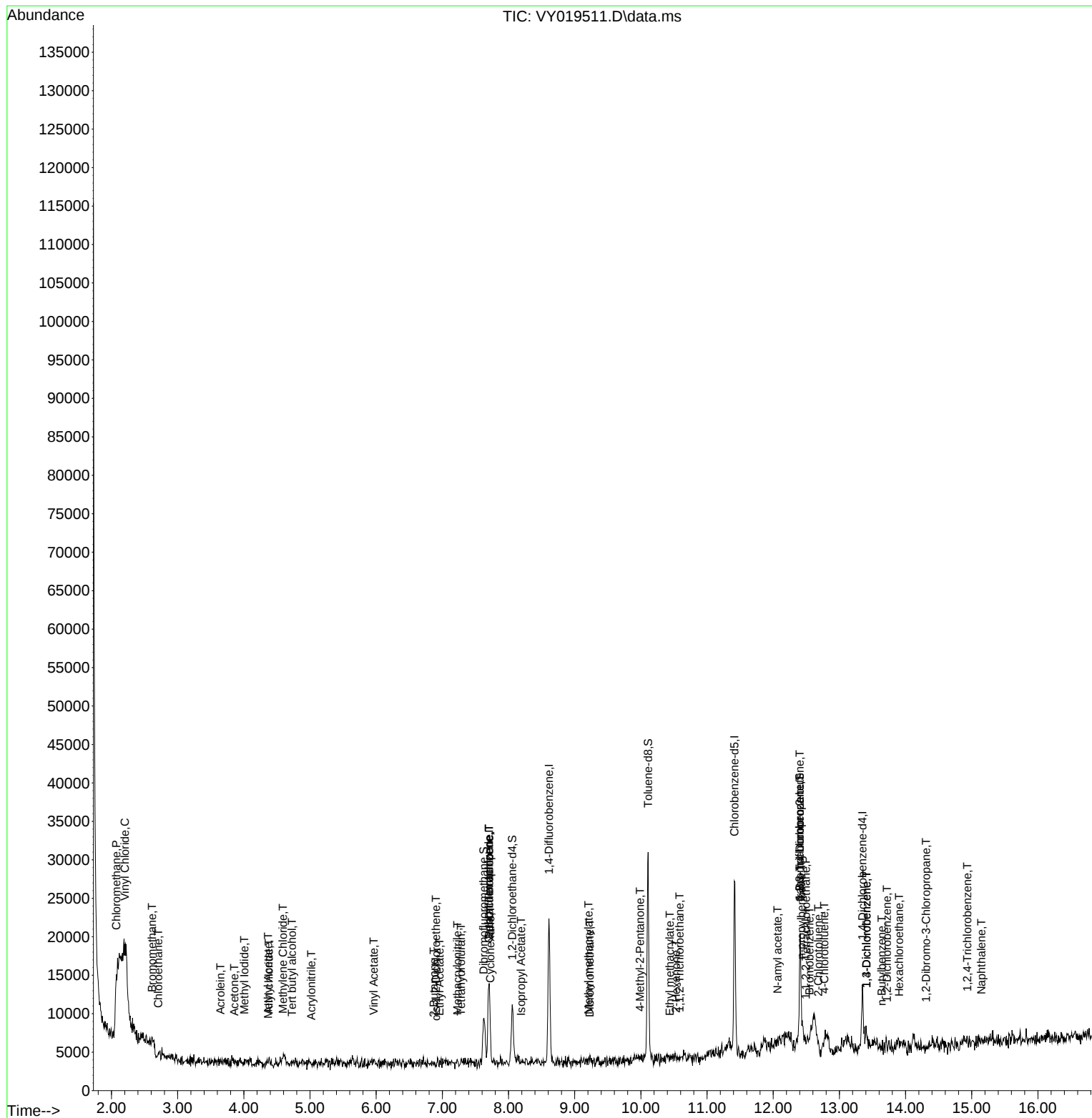
82) 4-Chlorotoluene	12.773	91	249	2.346	ug/l #	39
87) 1,3-Dichlorobenzene	13.407	146	79	1.227	ug/l #	25
88) 1,4-Dichlorobenzene	13.407	146	79	1.236	ug/l #	25
89) n-Butylbenzene	13.639	91	273	2.184	ug/l #	33
90) Hexachloroethane	13.901	117	72	2.647	ug/l	56
91) 1,2-Dichlorobenzene	13.718	146	59	1.027	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.310	75	19	4.298	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.931	180	115	3.290	ug/l #	22
95) Naphthalene	15.145	128	354	5.057	ug/l #	77

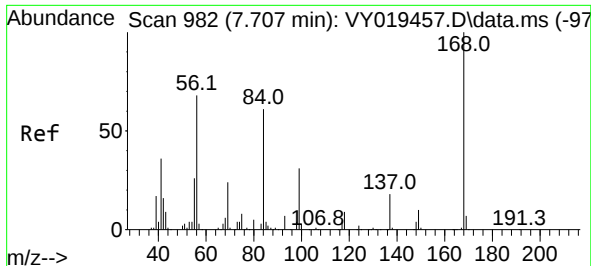
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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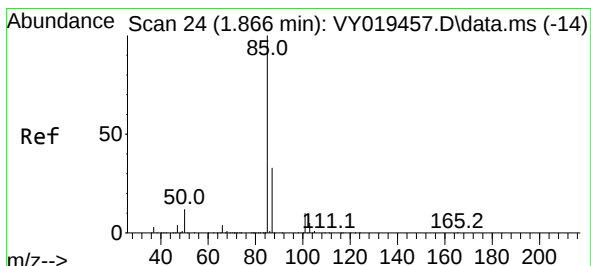
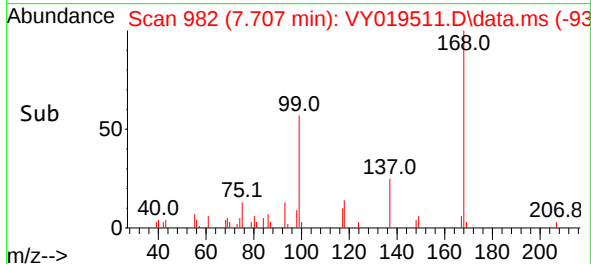
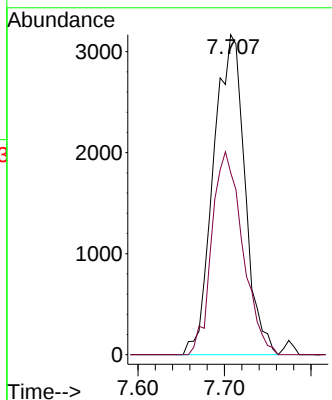
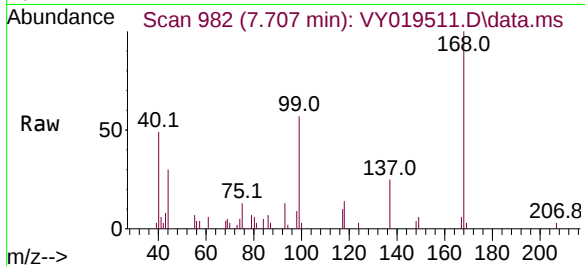




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019511.D
Acq: 11 Sep 2024 16:06

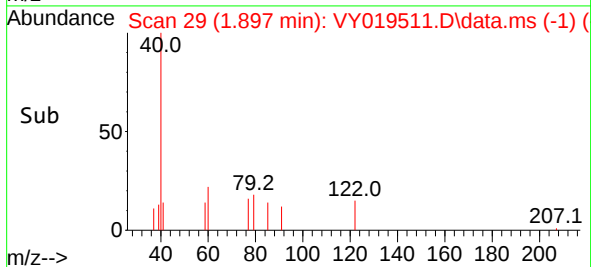
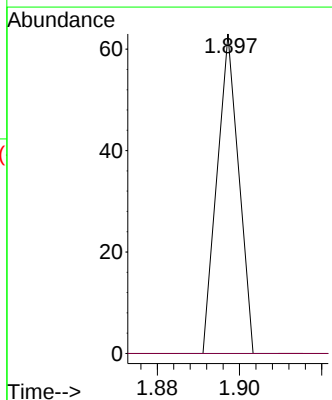
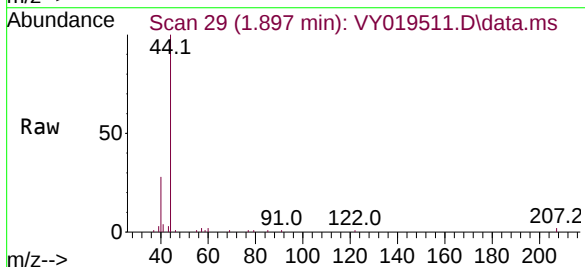
Instrument :
MSVOA_Y
ClientSampleId :

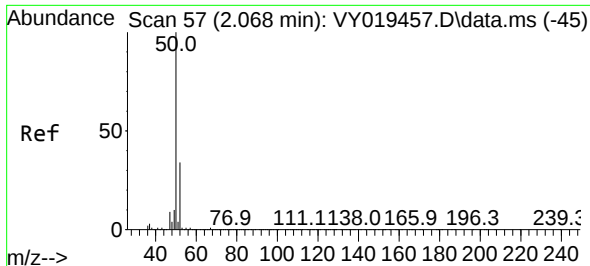
Tgt Ion:168 Resp: 7980
Ion Ratio Lower Upper
168 100
99 56.9 39.1 58.7



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.897 min Scan# 29
Delta R.T. 0.031 min
Lab File: VY019511.D
Acq: 11 Sep 2024 16:06

Tgt Ion: 85 Resp: 23
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

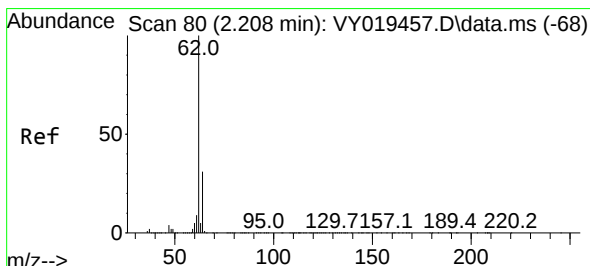
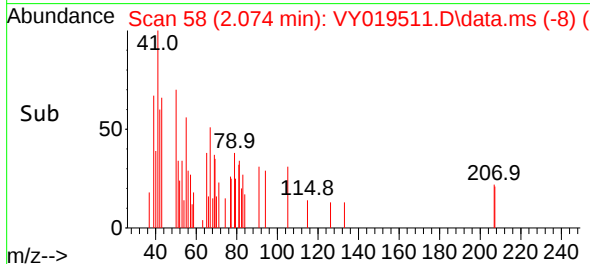
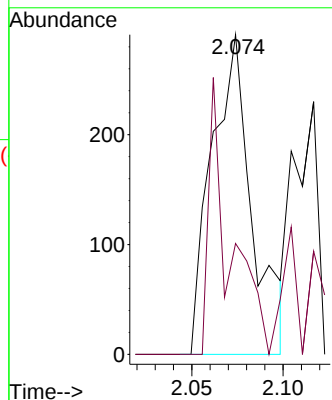
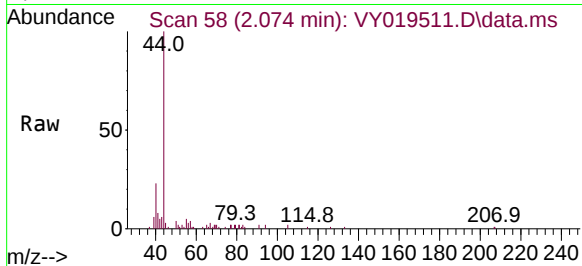




#3
Chloromethane
Concen: 6.755 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019511.D
Acq: 11 Sep 2024 16:06

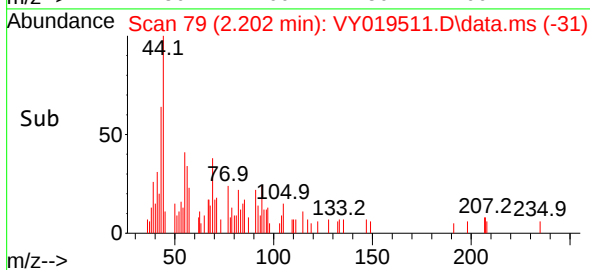
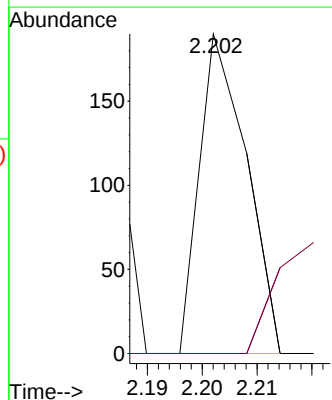
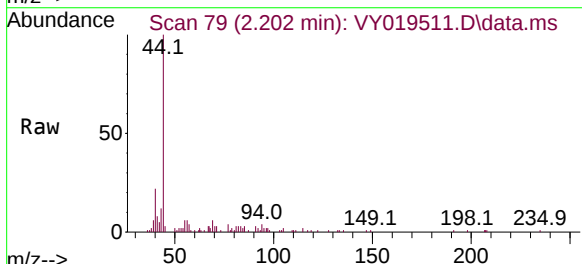
Instrument :
MSVOA_Y
ClientSampleId :

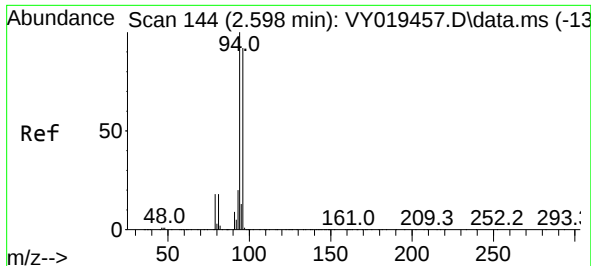
Tgt Ion: 50 Resp: 446
Ion Ratio Lower Upper
50 100
52 34.7 25.6 38.4



#4
Vinyl Chloride
Concen: 1.583 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY019511.D
Acq: 11 Sep 2024 16:06

Tgt Ion: 62 Resp: 113
Ion Ratio Lower Upper
62 100
64 0.0 26.1 39.1#

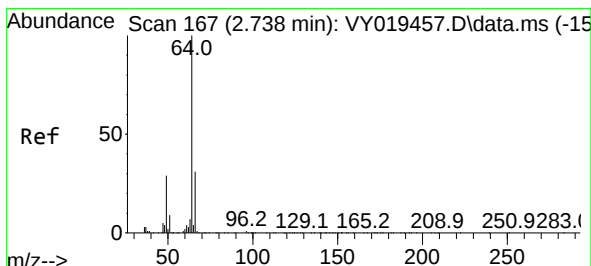
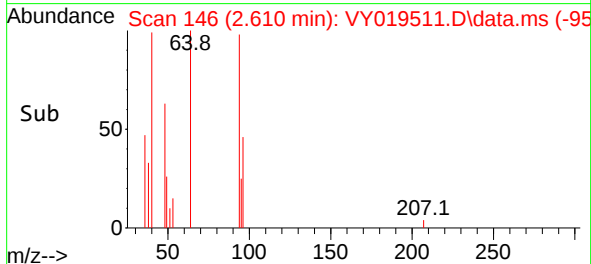
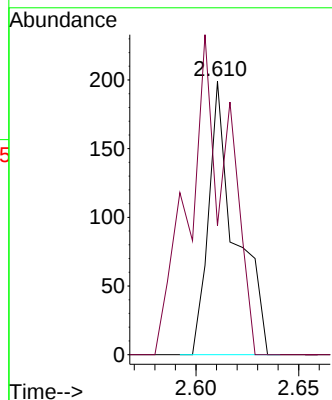
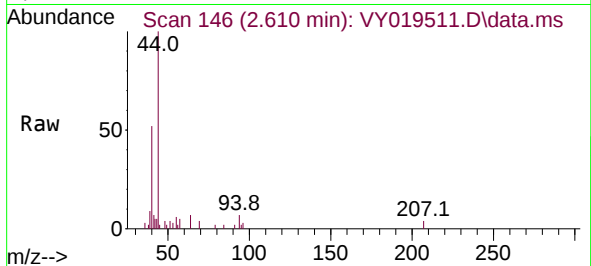




#5
Bromomethane
Concen: 4.127 ug/l
RT: 2.610 min Scan# 144
Delta R.T. 0.012 min
Lab File: VY019511.D
Acq: 11 Sep 2024 16:06

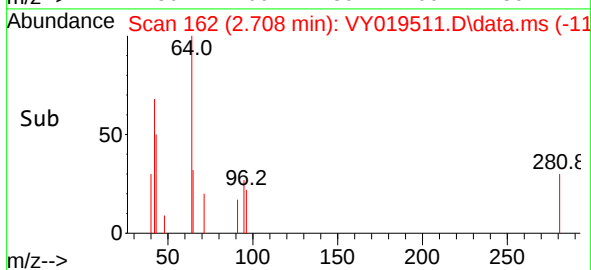
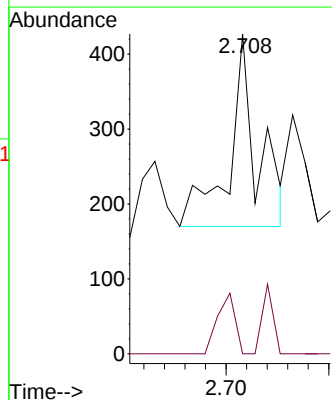
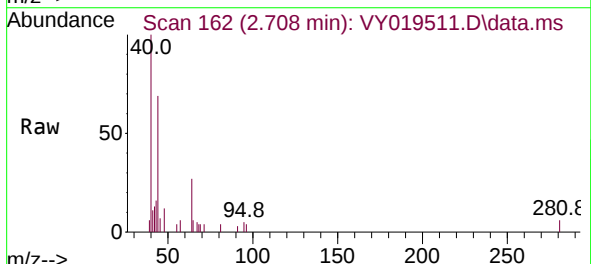
Instrument :
MSVOA_Y
ClientSampleId :

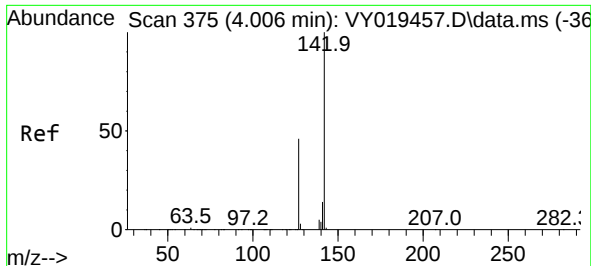
Tgt Ion: 94 Resp: 181
Ion Ratio Lower Upper
94 100
96 47.2 74.1 111.1#



#6
Chloroethane
Concen: 5.250 ug/l
RT: 2.708 min Scan# 162
Delta R.T. -0.030 min
Lab File: VY019511.D
Acq: 11 Sep 2024 16:06

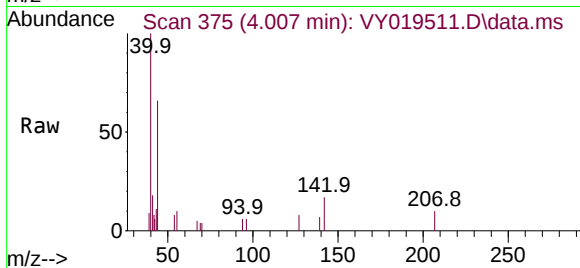
Tgt Ion: 64 Resp: 245
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



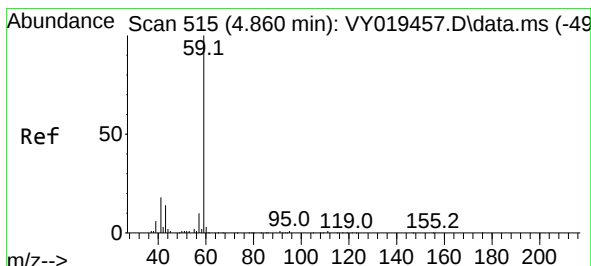
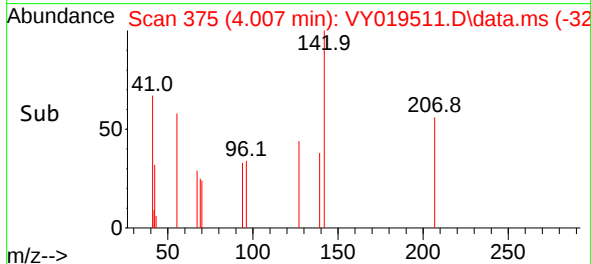
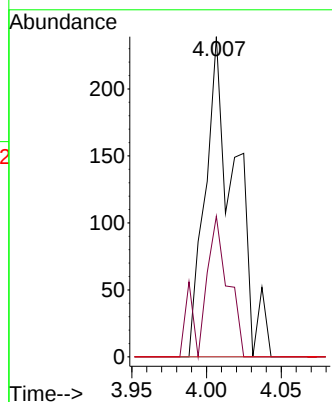


#10
Methyl Iodide
Concen: 3.549 ug/l
RT: 4.007 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY019511.D
Acq: 11 Sep 2024 16:06

Instrument :
MSVOA_Y
ClientSampleId :

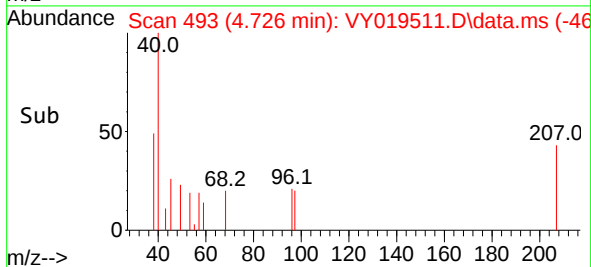
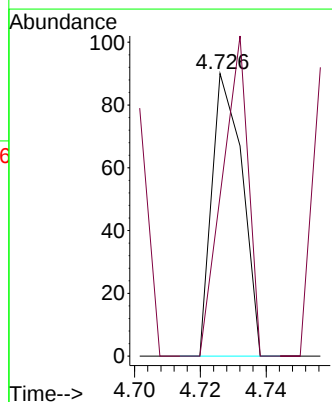
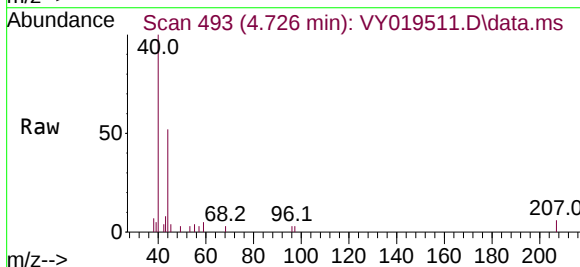


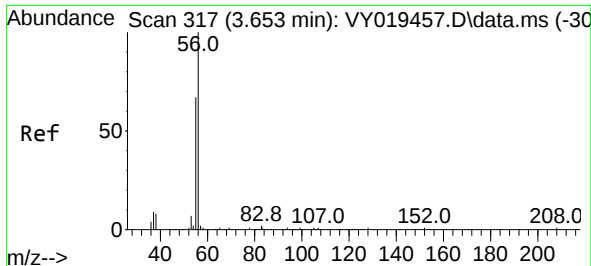
Tgt Ion:142 Resp: 335
Ion Ratio Lower Upper
142 100
127 35.8 32.8 49.2
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 9.552 ug/l
RT: 4.726 min Scan# 493
Delta R.T. -0.134 min
Lab File: VY019511.D
Acq: 11 Sep 2024 16:06

Tgt Ion: 59 Resp: 57
Ion Ratio Lower Upper
59 100
57 98.2 3.0 4.6#





#13

Acrolein

Concen: 61.605 ug/l

RT: 3.647 min Scan# 316

Delta R.T. -0.006 min

Lab File: VY019511.D

Acq: 11 Sep 2024 16:06

Instrument :

MSVOA_Y

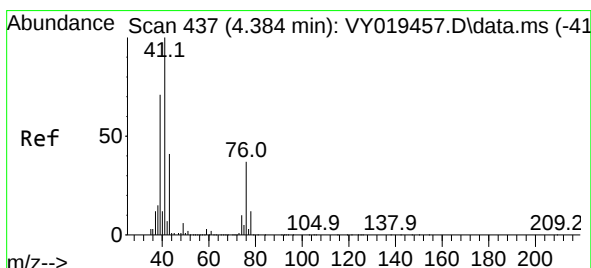
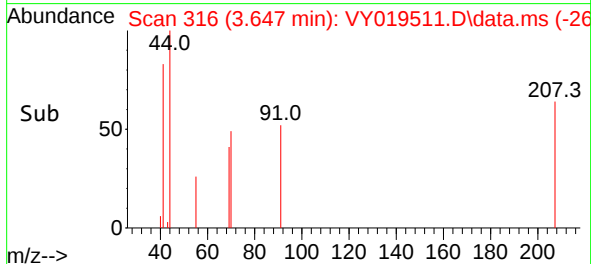
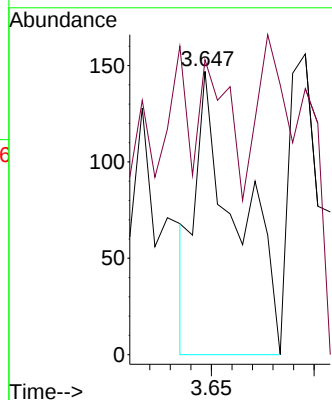
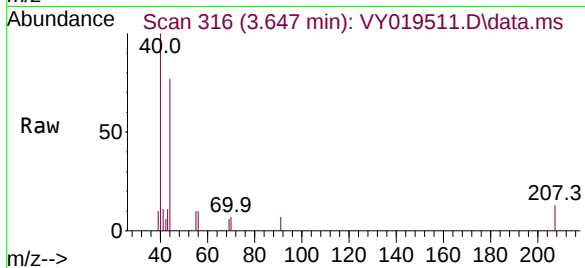
ClientSampleId :

Tgt Ion: 56 Resp: 208

Ion Ratio Lower Upper

56 100

55 63.9 55.7 83.5



#14

Allyl chloride

Concen: 1.205 ug/l

RT: 4.378 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY019511.D

Acq: 11 Sep 2024 16:06

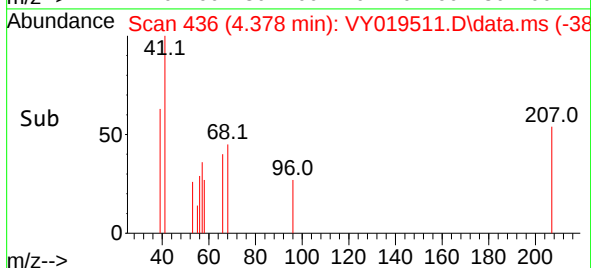
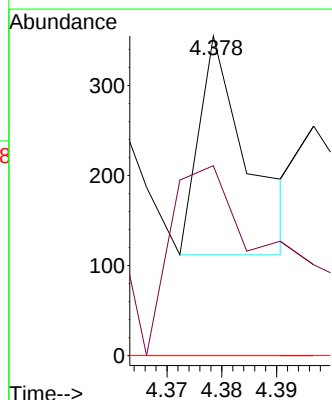
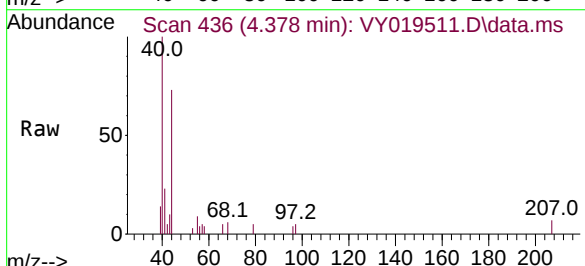
Tgt Ion: 41 Resp: 153

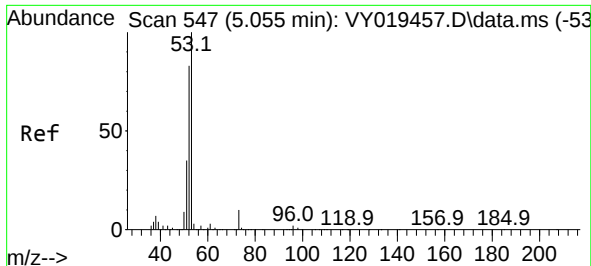
Ion Ratio Lower Upper

41 100

39 200.0 58.3 87.5#

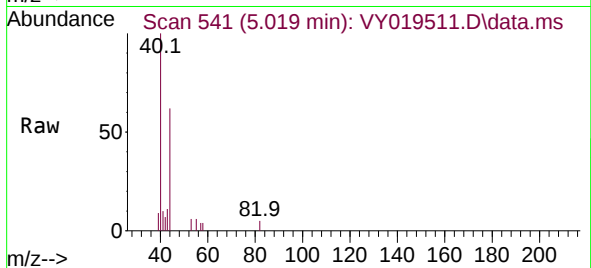
76 0.0 39.0 58.6#



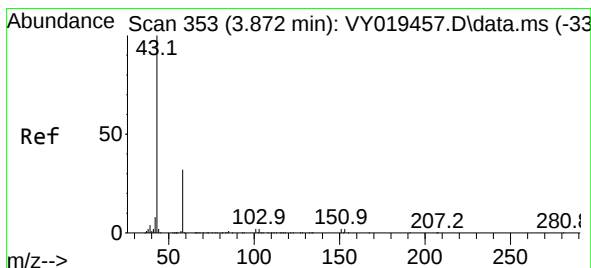
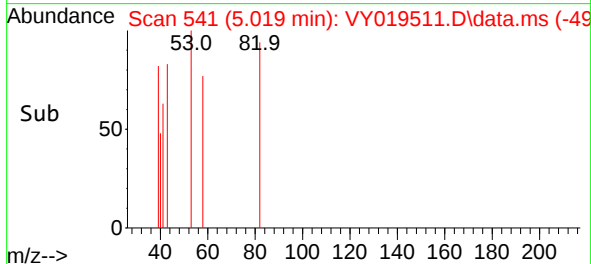
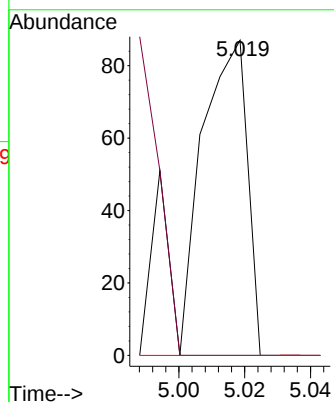


#15
Acrylonitrile
Concen: 4.761 ug/l
RT: 5.019 min Scan# 54
Delta R.T. -0.036 min
Lab File: VY019511.D
Acq: 11 Sep 2024 16:06

Instrument :
MSVOA_Y
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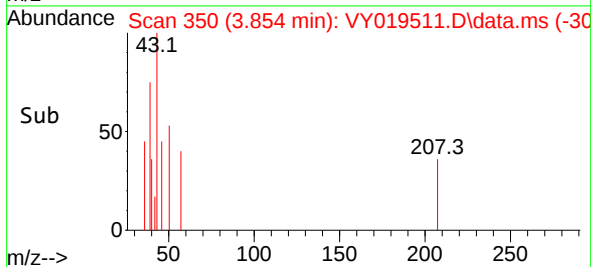
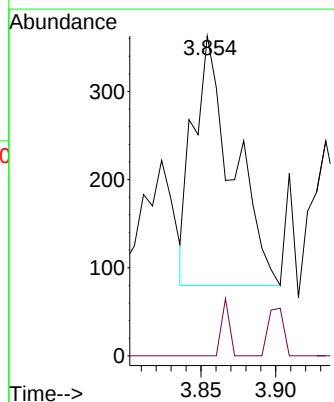
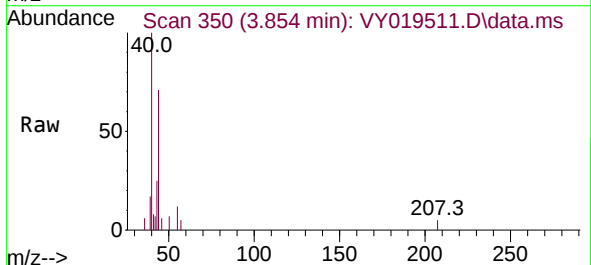


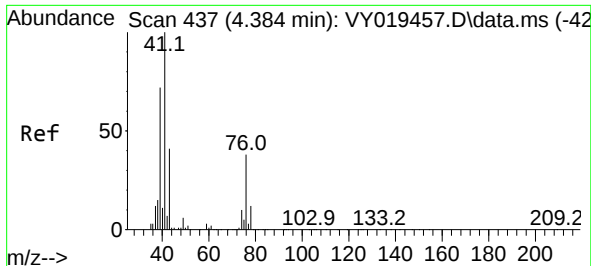
Tgt Ion: 53 Resp: 82
Ion Ratio Lower Upper
53 100
52 0.0 64.7 97.1#
51 0.0 28.4 42.6#



#16
Acetone
Concen: 29.539 ug/l
RT: 3.854 min Scan# 350
Delta R.T. -0.018 min
Lab File: VY019511.D
Acq: 11 Sep 2024 16:06

Tgt Ion: 43 Resp: 520
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#

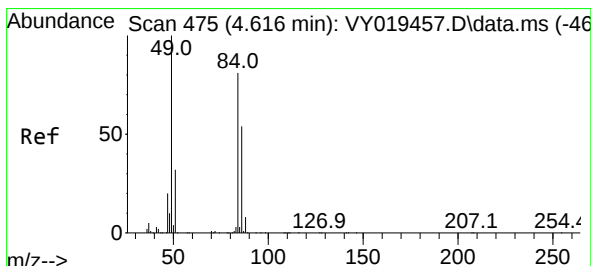
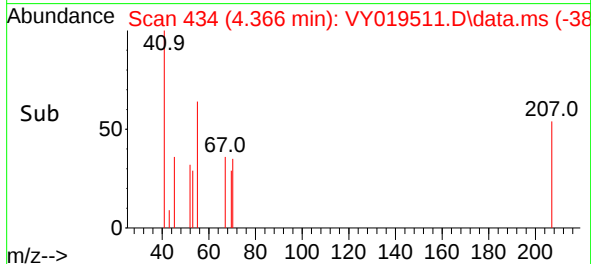
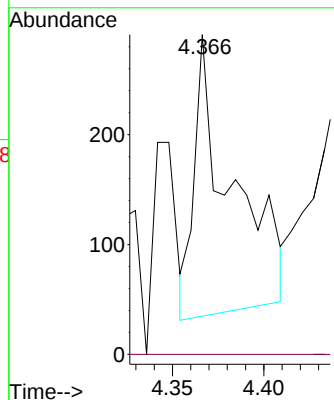
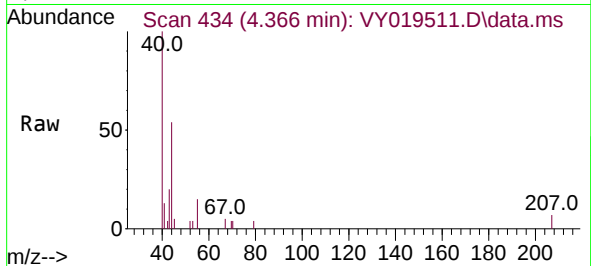




#18
Methyl Acetate
Concen: 7.682 ug/l
RT: 4.366 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY019511.D
Acq: 11 Sep 2024 16:06

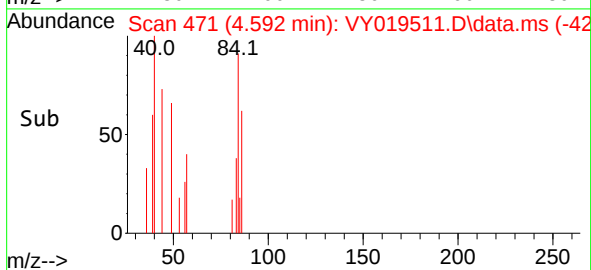
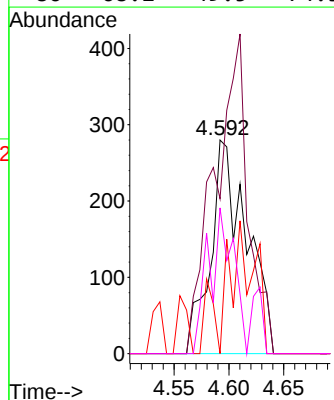
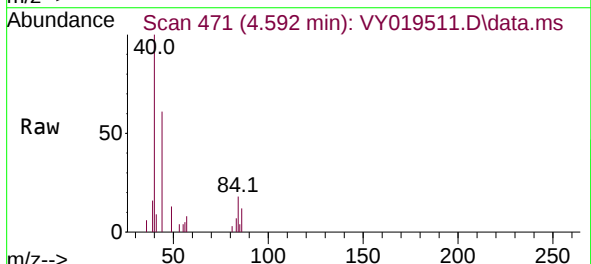
Instrument :
MSVOA_Y
ClientSampleId :

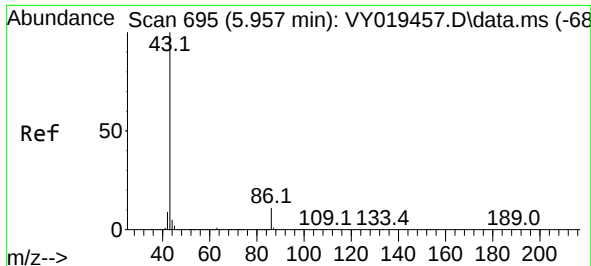
Tgt Ion: 43 Resp: 367
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



#20
Methylene Chloride
Concen: 7.997 ug/l
RT: 4.592 min Scan# 471
Delta R.T. -0.024 min
Lab File: VY019511.D
Acq: 11 Sep 2024 16:06

Tgt Ion: 84 Resp: 642
Ion Ratio Lower Upper
84 100
49 72.5 84.4 126.6#
51 0.0 26.0 39.0#
86 68.2 49.5 74.3

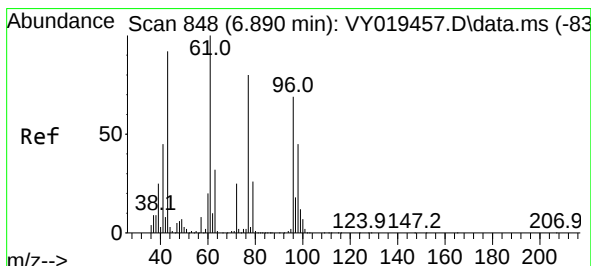
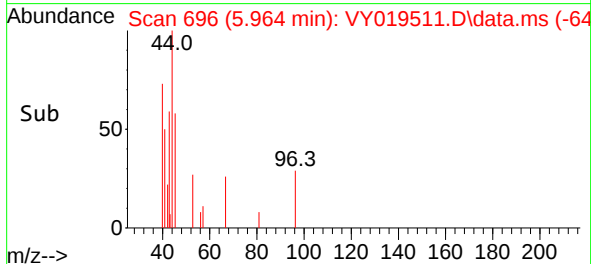
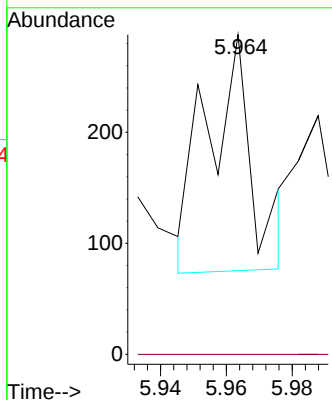
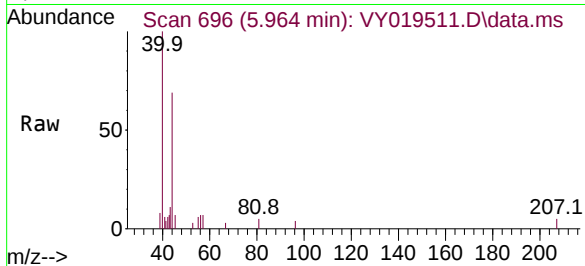




#23
Vinyl Acetate
Concen: 1.370 ug/l
RT: 5.964 min Scan# 64
Delta R.T. 0.006 min
Lab File: VY019511.D
Acq: 11 Sep 2024 16:06

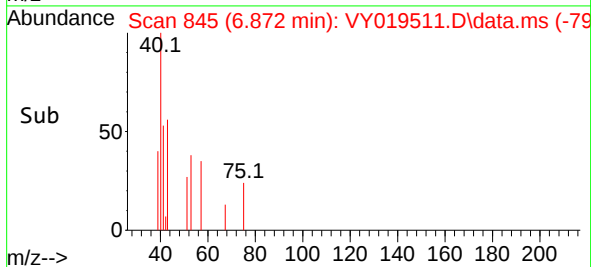
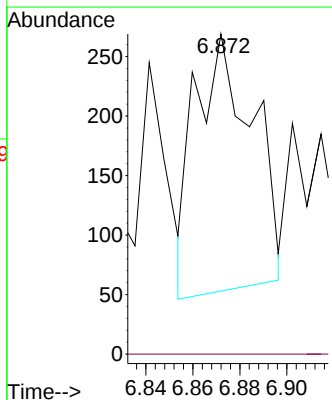
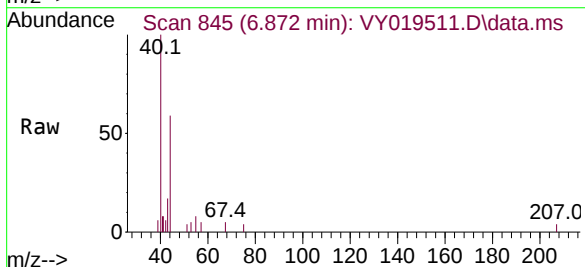
Instrument :
MSVOA_Y
ClientSampleId :

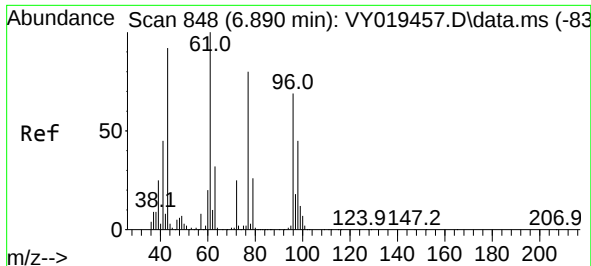
Tgt Ion: 43 Resp: 204
Ion Ratio Lower Upper
43 100
86 0.0 10.6 16.0#



#25
2-Butanone
Concen: 14.778 ug/l
RT: 6.872 min Scan# 845
Delta R.T. -0.018 min
Lab File: VY019511.D
Acq: 11 Sep 2024 16:06

Tgt Ion: 43 Resp: 370
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#





#27

cis-1,2-Dichloroethene

Concen: 1.432 ug/l

RT: 6.902 min Scan# 848

Delta R.T. 0.012 min

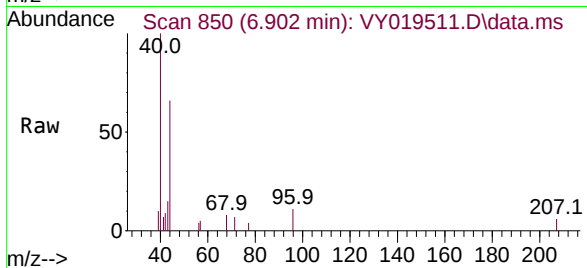
Lab File: VY019511.D

Acq: 11 Sep 2024 16:06

Instrument :

MSVOA_Y

ClientSampleId :



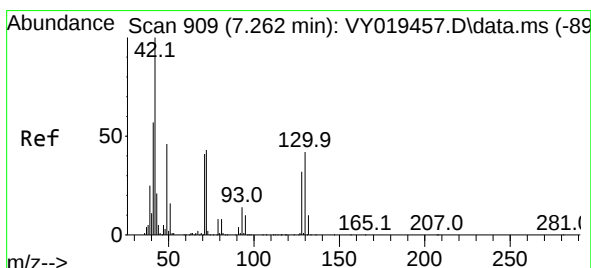
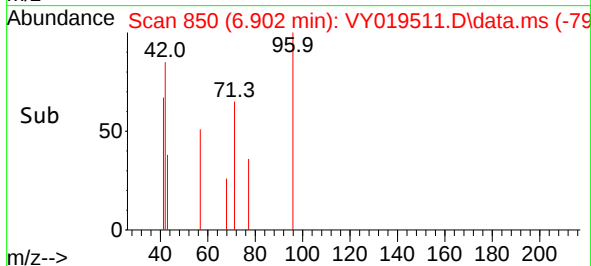
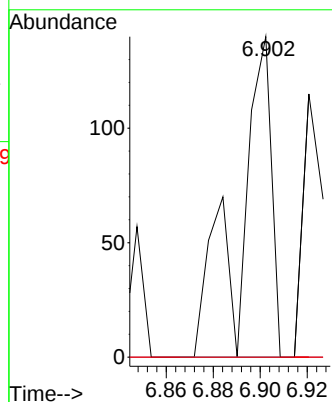
Tgt Ion: 96 Resp: 135

Ion Ratio Lower Upper

96 100

61 0.0 0.0 256.2

98 0.0 0.0 130.0



#29

Tetrahydrofuran

Concen: 8.277 ug/l

RT: 7.280 min Scan# 912

Delta R.T. 0.019 min

Lab File: VY019511.D

Acq: 11 Sep 2024 16:06

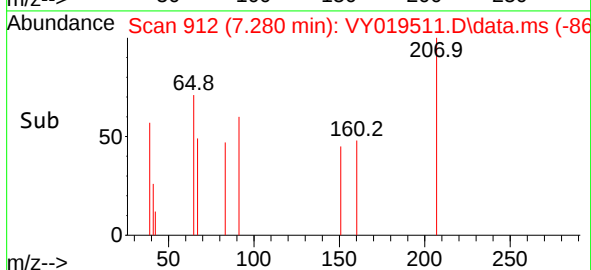
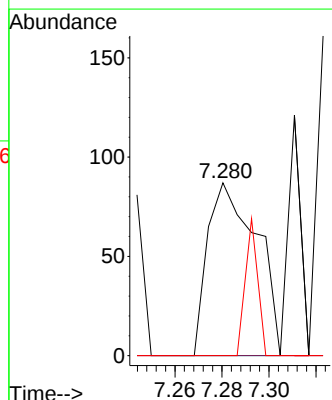
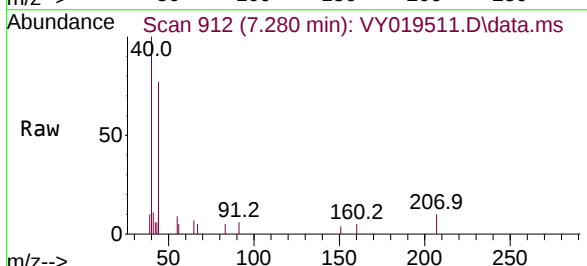
Tgt Ion: 42 Resp: 126

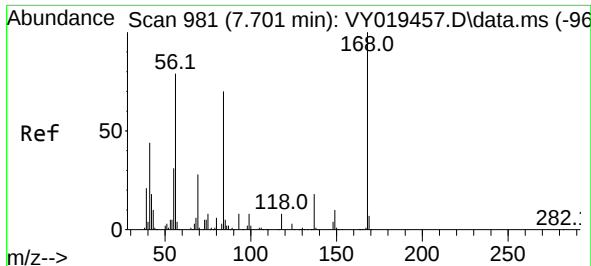
Ion Ratio Lower Upper

42 100

72 0.0 43.0 64.4#

71 19.8 40.8 61.2#

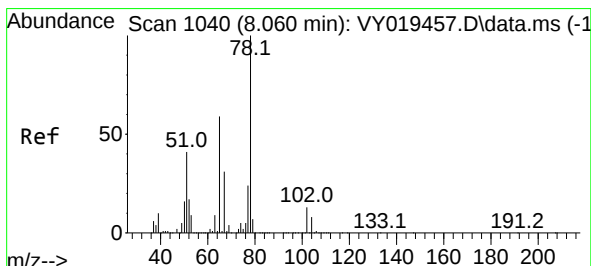
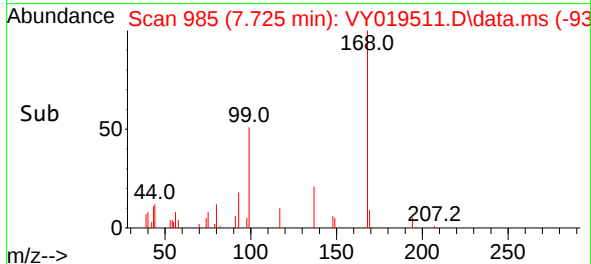
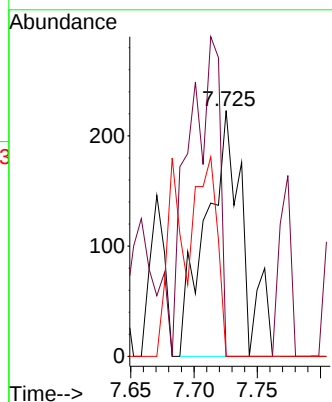
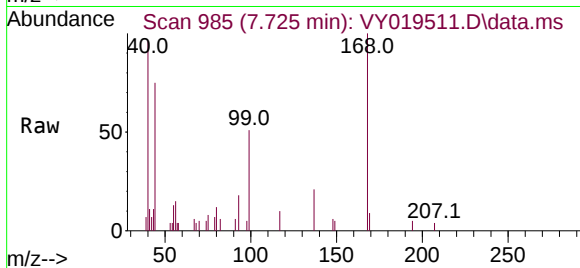




#31
Cyclohexane
Concen: 3.395 ug/l
RT: 7.725 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY019511.D
Acq: 11 Sep 2024 16:06

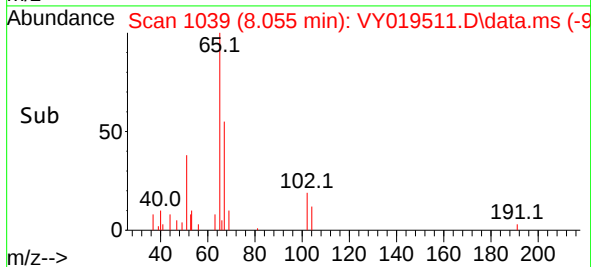
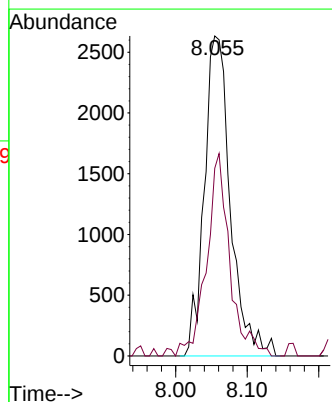
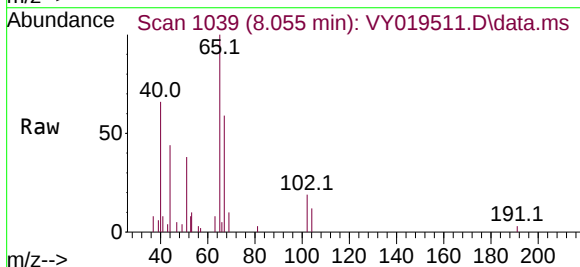
Instrument :
MSVOA_Y
ClientSampleId :

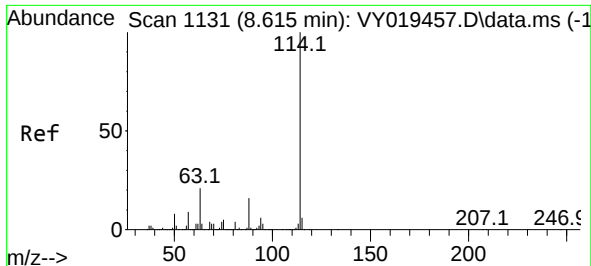
Tgt Ion: 56 Resp: 449
Ion Ratio Lower Upper
56 100
69 0.0 28.7 43.1#
84 0.0 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 90.415 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY019511.D
Acq: 11 Sep 2024 16:06

Tgt Ion: 65 Resp: 6681
Ion Ratio Lower Upper
65 100
67 56.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY019511.D

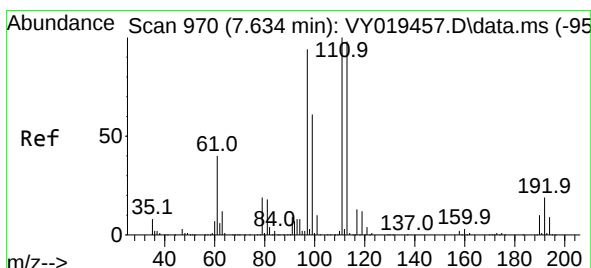
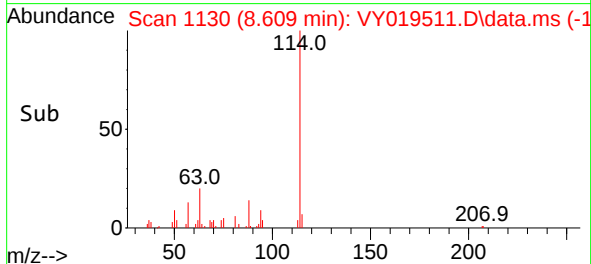
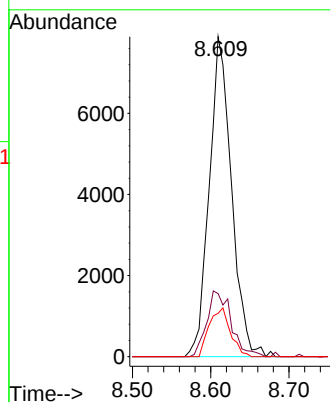
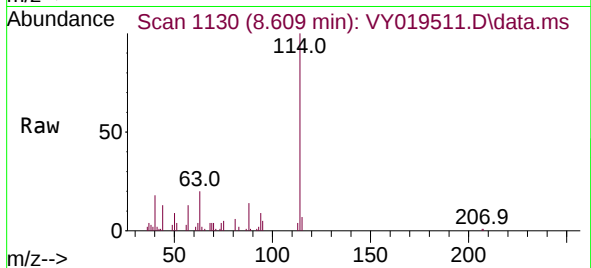
Acq: 11 Sep 2024 16:06

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	15597
Ion Ratio	Lower	Upper
114	100	
63	19.7	0.0 35.0
88	13.5	0.0 27.2



#35

Dibromofluoromethane

Concen: 50.660 ug/l

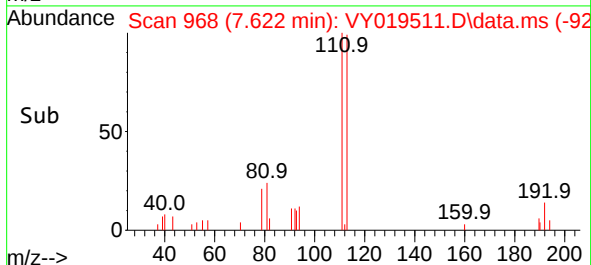
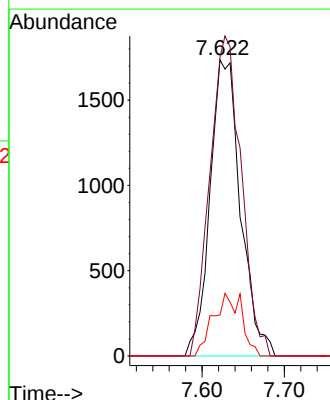
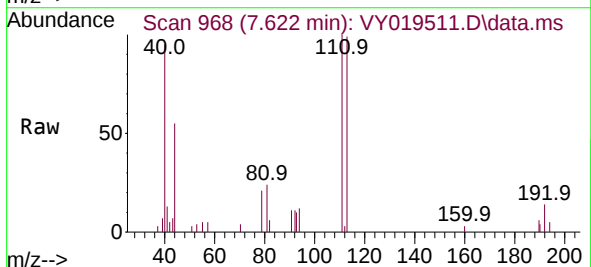
RT: 7.622 min Scan# 968

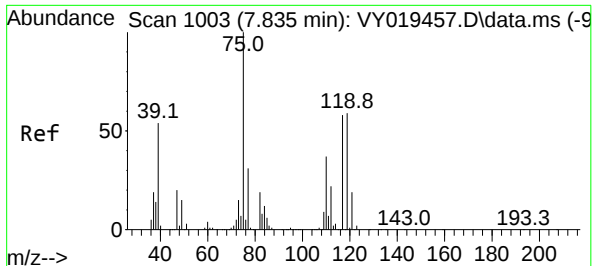
Delta R.T. -0.012 min

Lab File: VY019511.D

Acq: 11 Sep 2024 16:06

Tgt Ion:113	Resp:	4480
Ion Ratio	Lower	Upper
113	100	
111	110.4	82.2 123.4
192	19.7	15.9 23.9





#36

1,1-Dichloropropene

Concen: 6.823 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.128 min

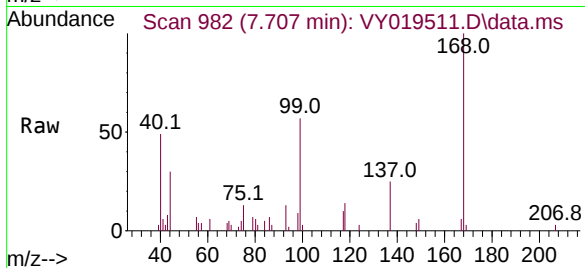
Lab File: VY019511.D

Acq: 11 Sep 2024 16:06

Instrument :

MSVOA_Y

ClientSampleId :



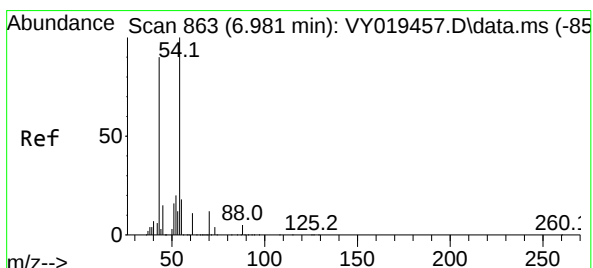
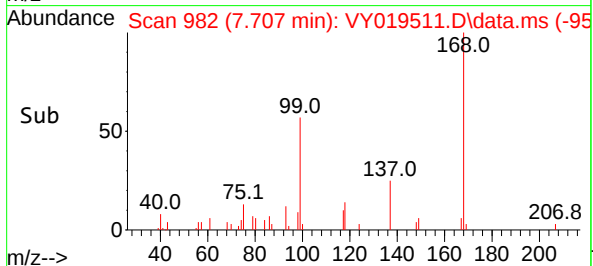
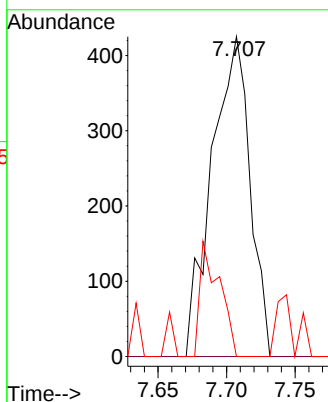
Tgt Ion: 75 Resp: 821

Ion Ratio Lower Upper

75 100

110 0.0 19.0 57.0#

77 0.0 25.3 37.9#



#37

Ethyl Acetate

Concen: 3.974 ug/l

RT: 6.957 min Scan# 859

Delta R.T. -0.024 min

Lab File: VY019511.D

Acq: 11 Sep 2024 16:06

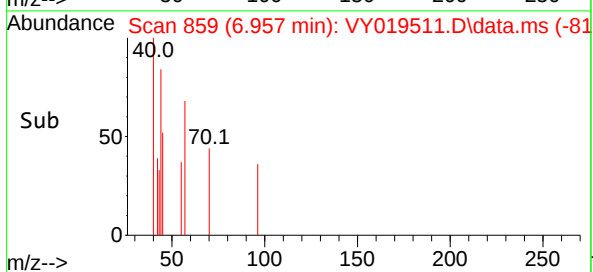
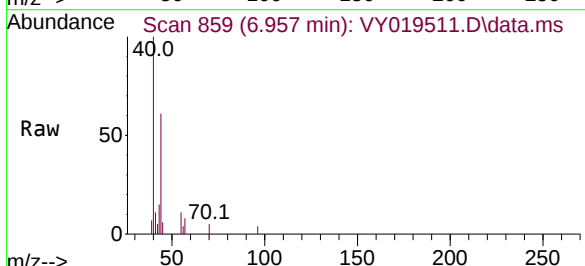
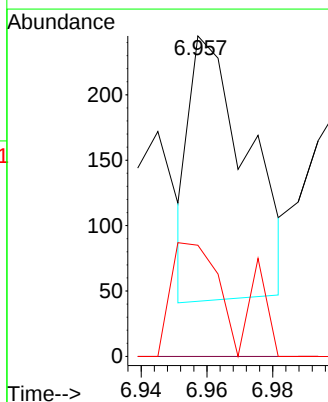
Tgt Ion: 43 Resp: 245

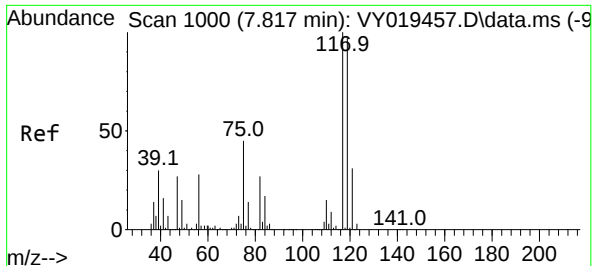
Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

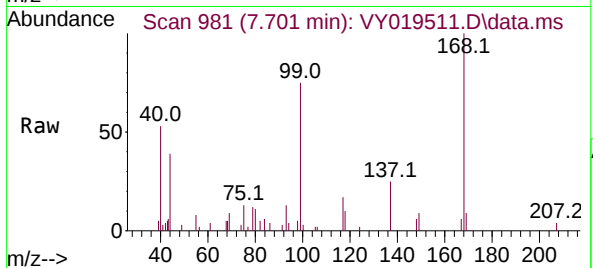
70 35.1 7.8 11.8#



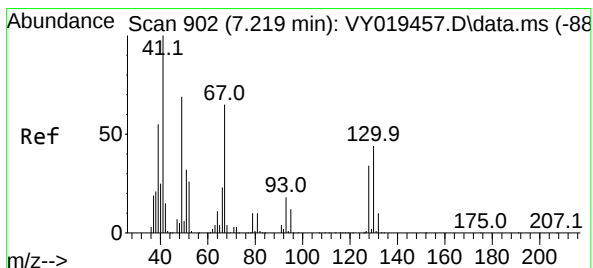
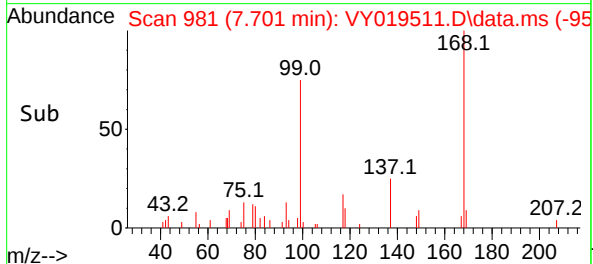
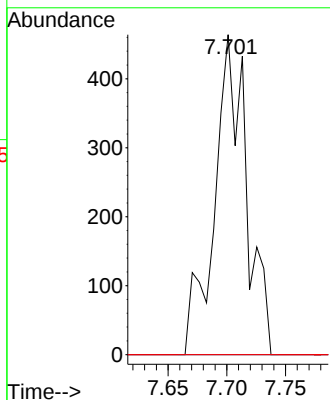


#38
Carbon Tetrachloride
Concen: 6.485 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY019511.D
Acq: 11 Sep 2024 16:06

Instrument :
MSVOA_Y
ClientSampleId :

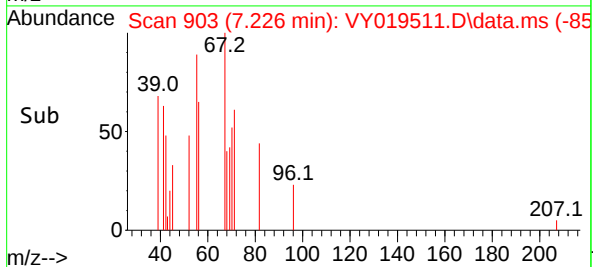
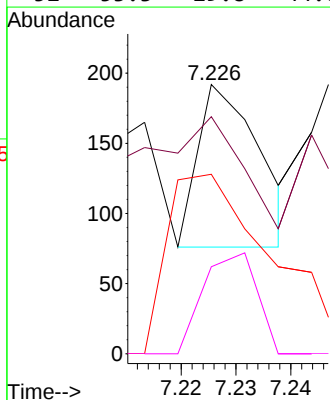
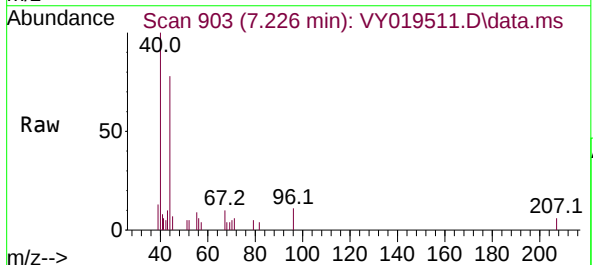


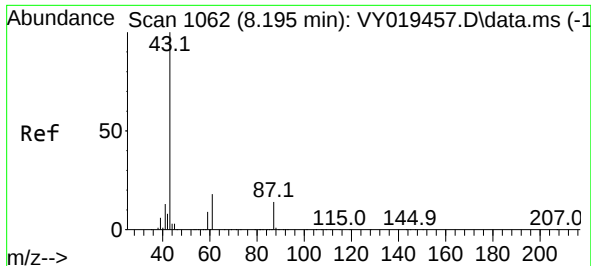
Tgt Ion:117 Resp: 880
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#41
Methacrylonitrile
Concen: 2.560 ug/l
RT: 7.226 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY019511.D
Acq: 11 Sep 2024 16:06

Tgt Ion: 41 Resp: 92
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 183.7 75.1 112.7#
52 53.3 29.8 44.6#





#43

Isopropyl Acetate

Concen: 2.841 ug/l

RT: 8.189 min Scan# 1061

Delta R.T. -0.006 min

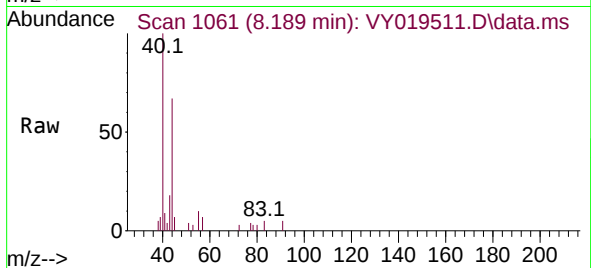
Lab File: VY019511.D

Acq: 11 Sep 2024 16:06

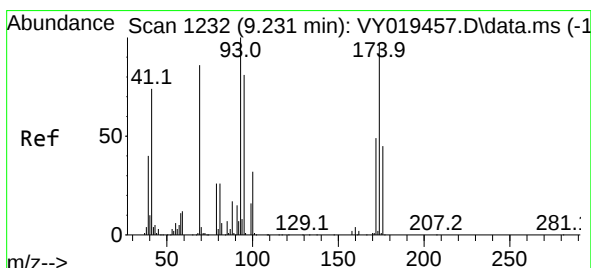
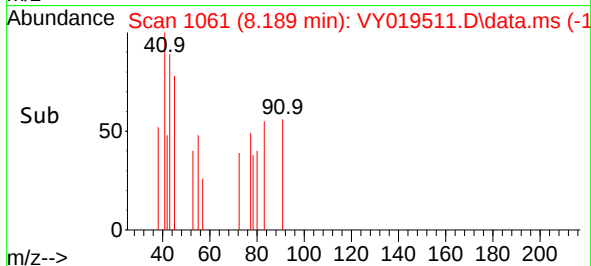
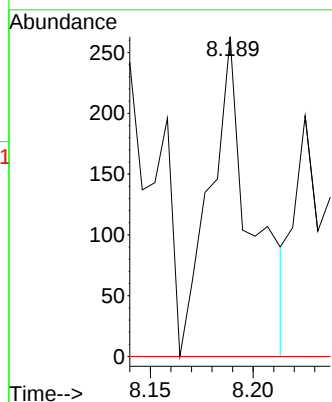
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43	Resp: 368
Ion Ratio	Lower Upper
43	100
61	0.0 27.9 41.9#
87	0.0 13.1 19.7#



#46

Dibromomethane

Concen: 1.574 ug/l

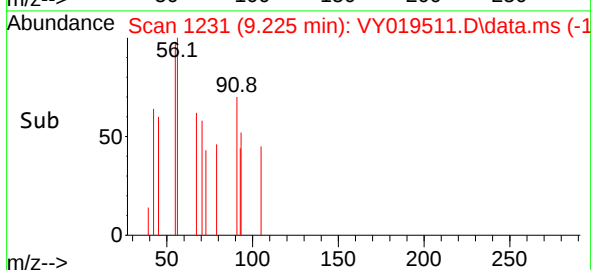
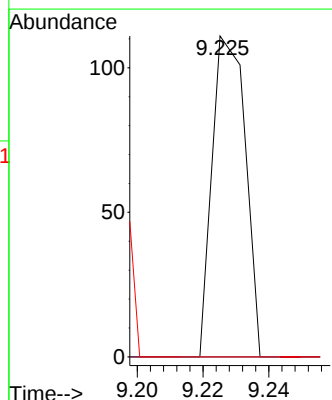
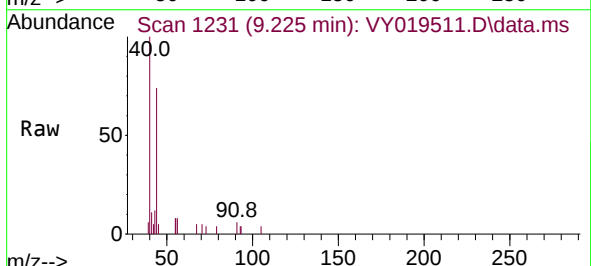
RT: 9.225 min Scan# 1231

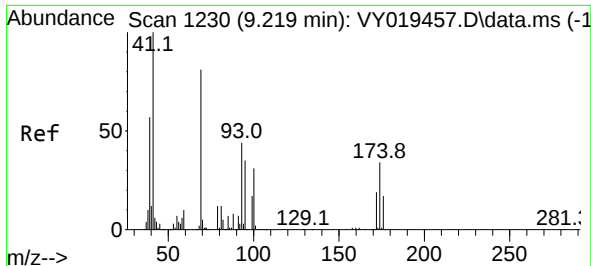
Delta R.T. -0.006 min

Lab File: VY019511.D

Acq: 11 Sep 2024 16:06

Tgt Ion: 93	Resp: 78
Ion Ratio	Lower Upper
93	100
95	0.0 66.2 99.4#
174	0.0 80.9 121.3#





#48

Methyl methacrylate

Concen: 1.504 ug/l

RT: 9.207 min Scan# 11

Delta R.T. -0.012 min

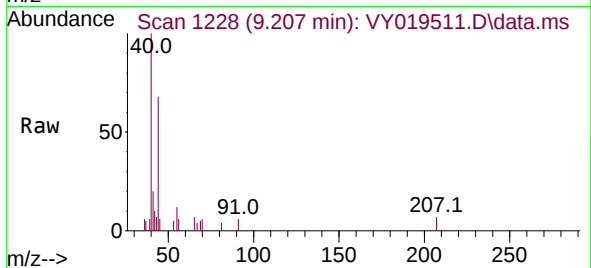
Lab File: VY019511.D

Acq: 11 Sep 2024 16:06

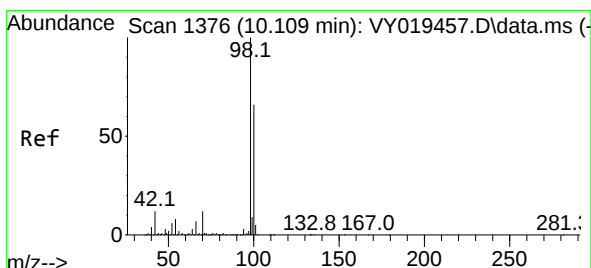
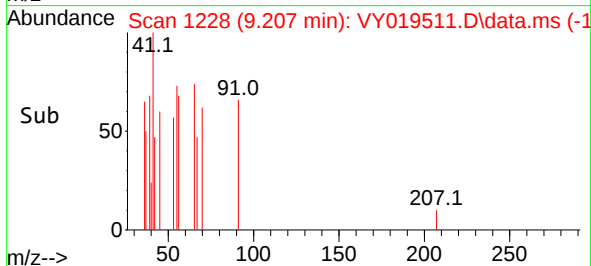
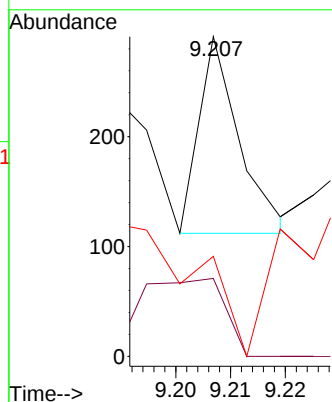
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	41	Resp:	92
Ion Ratio	Lower	Upper	
41	100		
69	81.5	84.1	126.1#
39	0.0	43.6	65.4#



#50

Toluene-d8

Concen: 53.939 ug/l

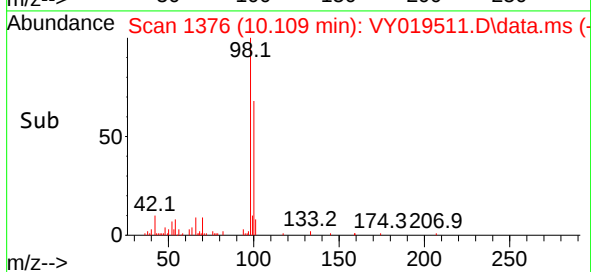
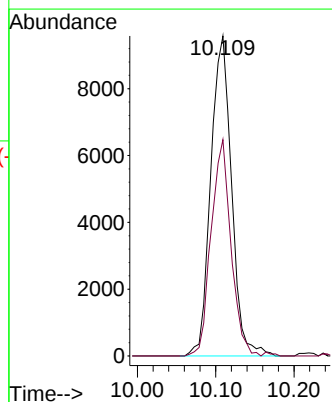
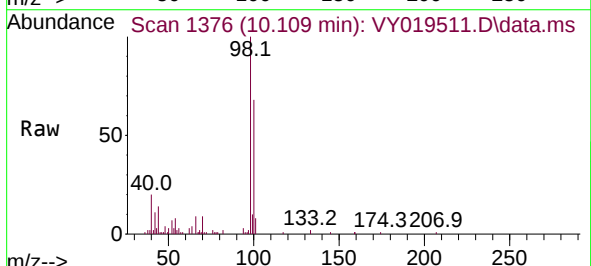
RT: 10.109 min Scan# 1376

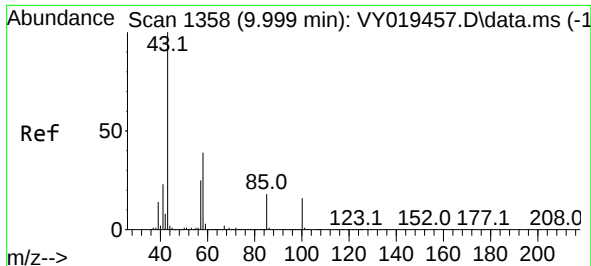
Delta R.T. 0.000 min

Lab File: VY019511.D

Acq: 11 Sep 2024 16:06

Tgt Ion:	98	Resp:	17643
Ion Ratio	Lower	Upper	
98	100		
100	64.6	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 3.714 ug/l

RT: 9.987 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY019511.D

Acq: 11 Sep 2024 16:06

Instrument :

MSVOA_Y

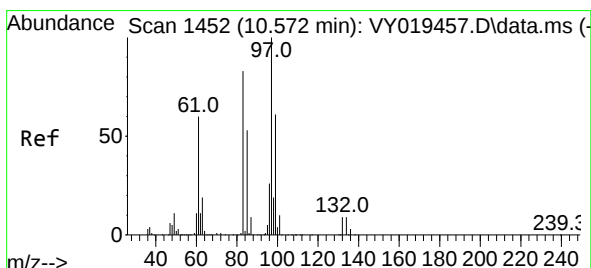
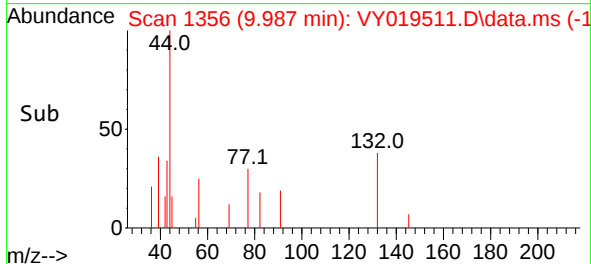
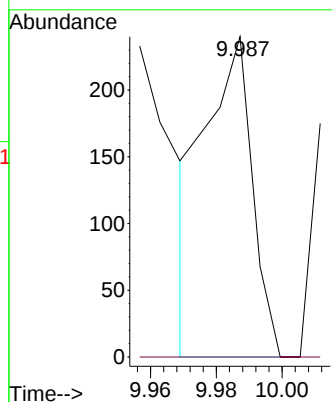
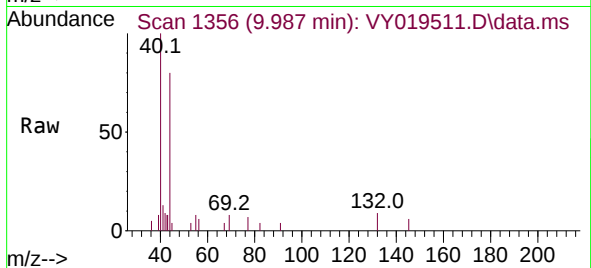
ClientSampleId :

Tgt Ion: 43 Resp: 242

Ion Ratio Lower Upper

43 100

58 0.0 35.7 53.5#



#55

1,1,2-Trichloroethane

Concen: 1.476 ug/l

RT: 10.585 min Scan# 1454

Delta R.T. 0.012 min

Lab File: VY019511.D

Acq: 11 Sep 2024 16:06

Tgt Ion: 97 Resp: 101

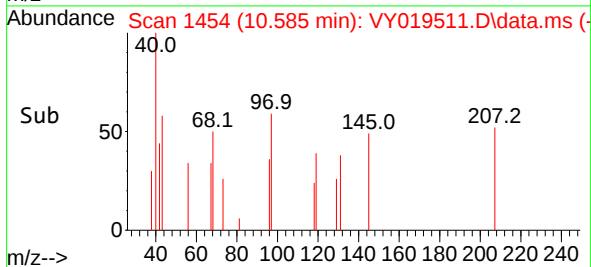
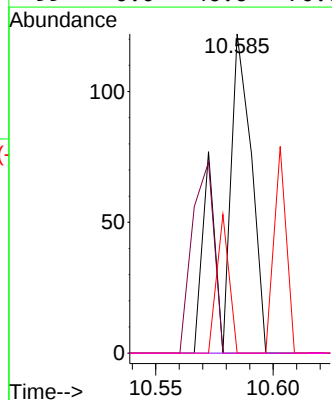
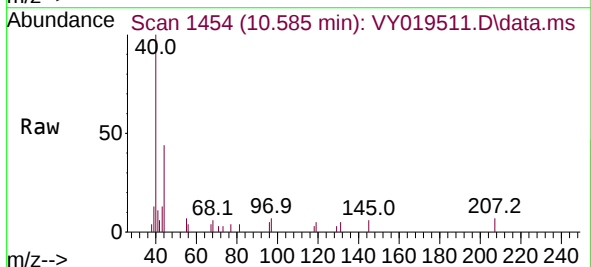
Ion Ratio Lower Upper

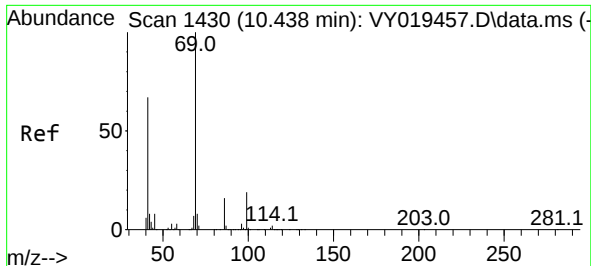
97 100

83 0.0 67.5 101.3#

85 0.0 42.9 64.3#

99 0.0 46.6 70.0#

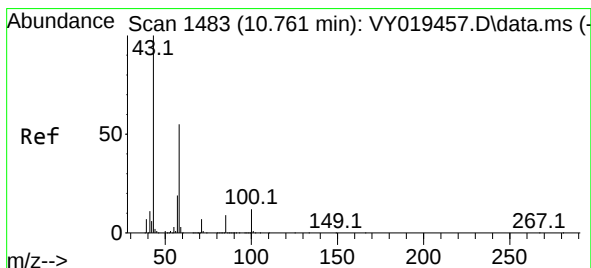
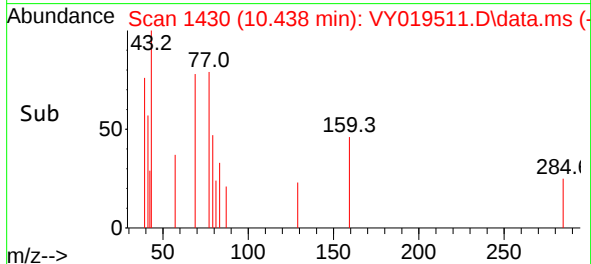
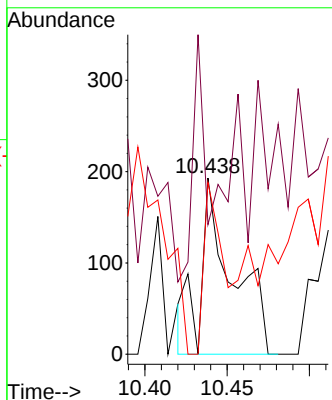
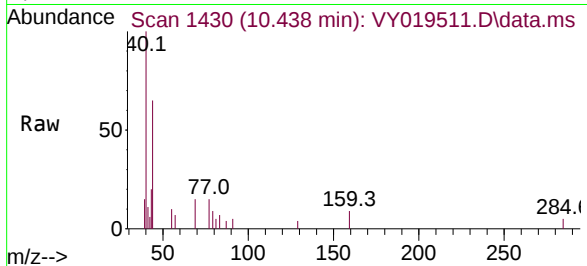




#56
Ethyl methacrylate
Concen: 2.530 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY019511.D
Acq: 11 Sep 2024 16:06

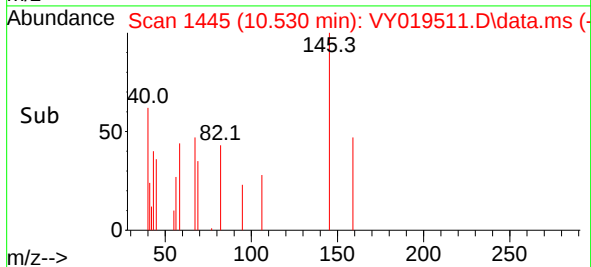
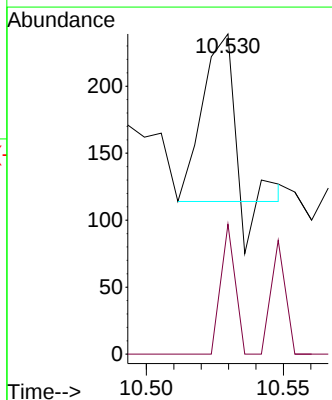
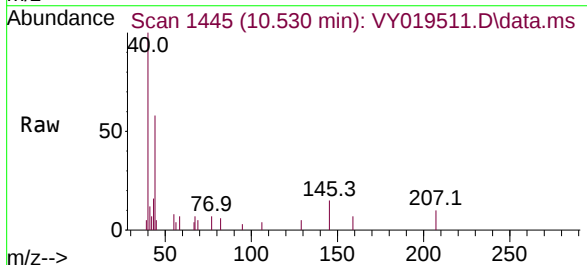
Instrument :
MSVOA_Y
ClientSampleId :

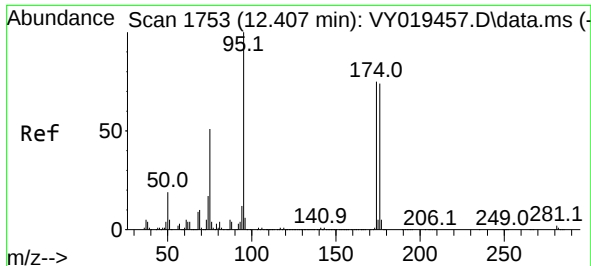
Tgt Ion: 69 Resp: 263
Ion Ratio Lower Upper
69 100
41 76.8 42.3 63.5#
39 66.2 22.9 34.3#



#59
2-Hexanone
Concen: 2.030 ug/l
RT: 10.530 min Scan# 1445
Delta R.T. -0.231 min
Lab File: VY019511.D
Acq: 11 Sep 2024 16:06

Tgt Ion: 43 Resp: 97
Ion Ratio Lower Upper
43 100
58 36.1 31.4 94.0





#62

4-Bromofluorobenzene

Concen: 32.663 ug/l

RT: 12.401 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019511.D

Acq: 11 Sep 2024 16:06

Instrument :

MSVOA_Y

ClientSampleId :

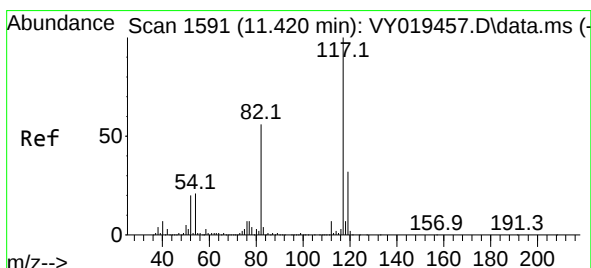
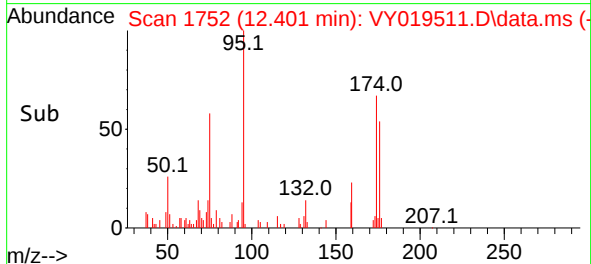
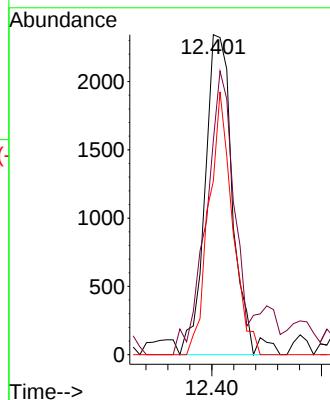
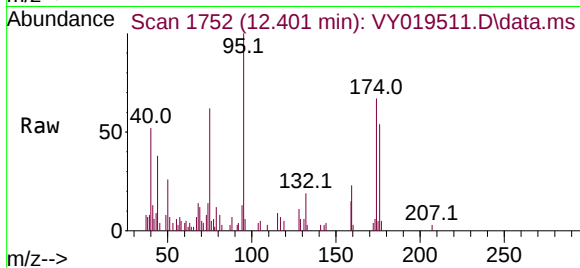
Tgt Ion: 95 Resp: 4108

Ion Ratio Lower Upper

95 100

174 91.4 0.0 175.6

176 70.1 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY019511.D

Acq: 11 Sep 2024 16:06

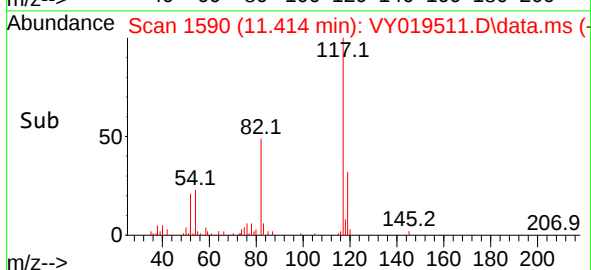
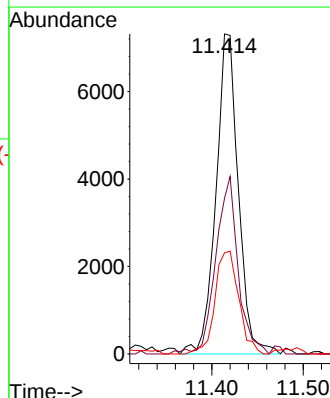
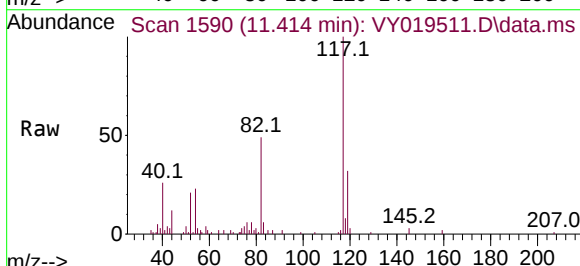
Tgt Ion: 117 Resp: 12469

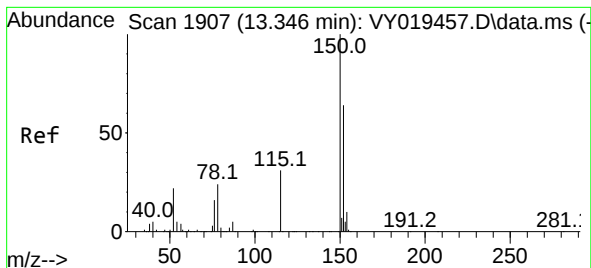
Ion Ratio Lower Upper

117 100

82 47.8 42.4 63.6

119 31.6 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019511.D

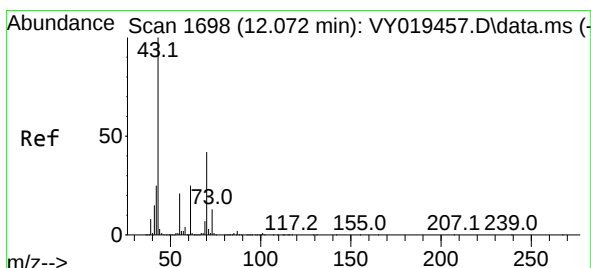
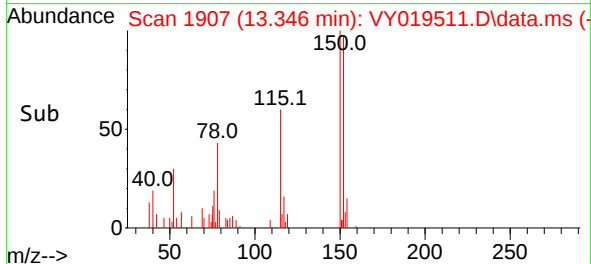
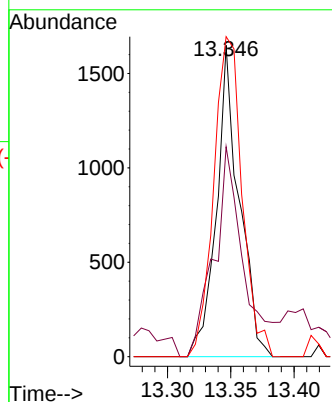
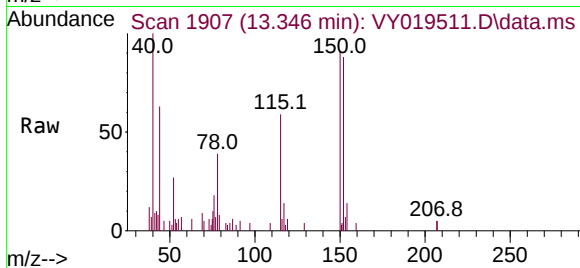
Acq: 11 Sep 2024 16:06

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	152	Resp:	2060
Ion	Ratio	Lower	Upper
152	100		
115	86.1	28.2	84.7#
150	128.7	0.0	345.6



#74

N-ethyl acetate

Concen: 5.265 ug/l

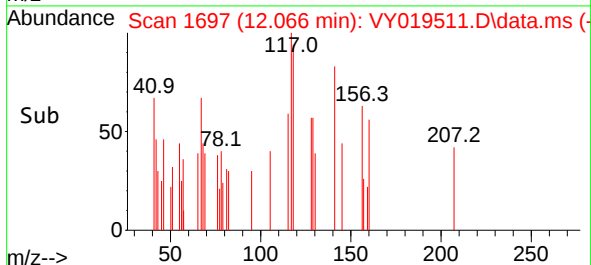
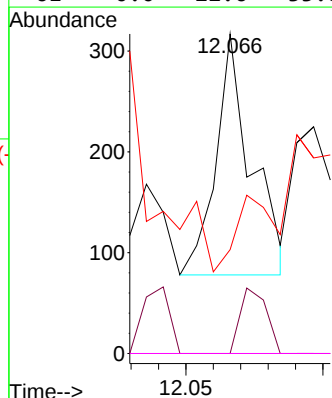
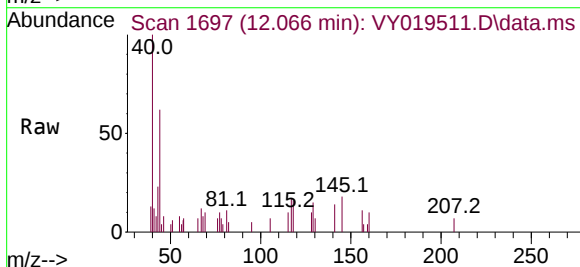
RT: 12.066 min Scan# 1697

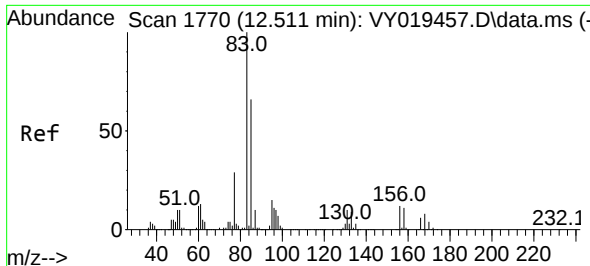
Delta R.T. -0.006 min

Lab File: VY019511.D

Acq: 11 Sep 2024 16:06

Tgt Ion:	43	Resp:	214
Ion	Ratio	Lower	Upper
43	100		
70	20.1	41.4	62.2#
55	0.0	23.3	34.9#
61	0.0	22.6	33.8#

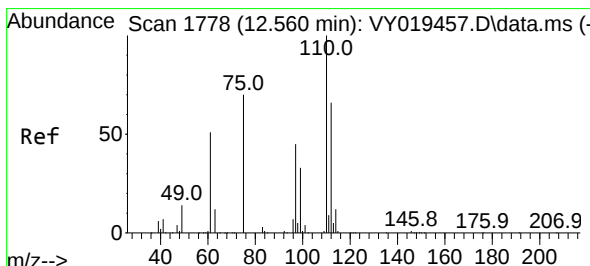
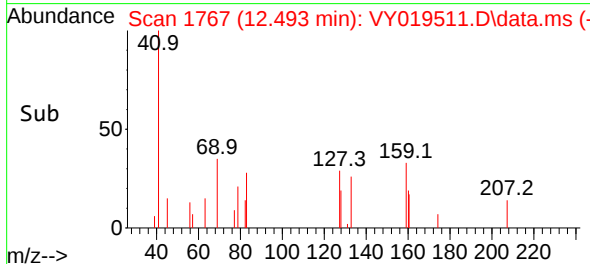
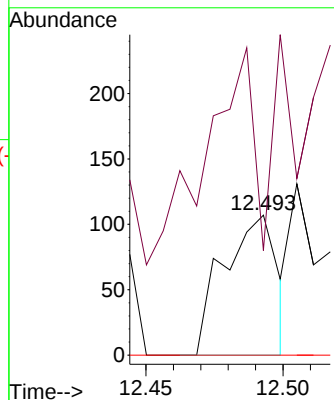
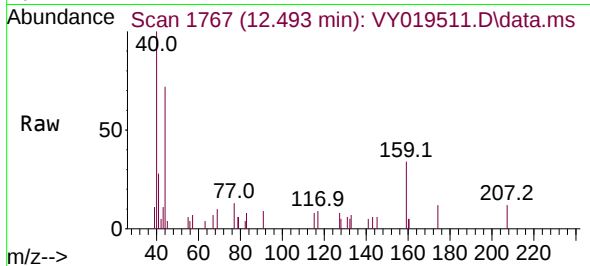




#75
1,1,2,2-Tetrachloroethane
Concen: 5.504 ug/l
RT: 12.493 min Scan# 1752
Delta R.T. -0.018 min
Lab File: VY019511.D
Acq: 11 Sep 2024 16:06

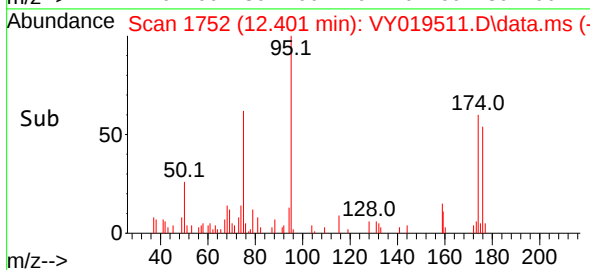
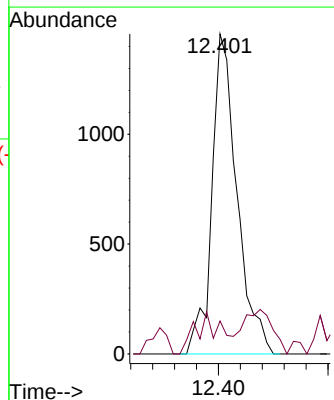
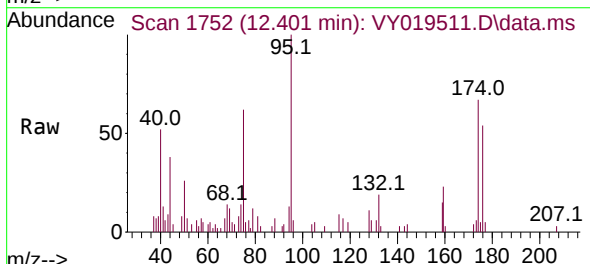
Instrument :
MSVOA_Y
ClientSampleId :

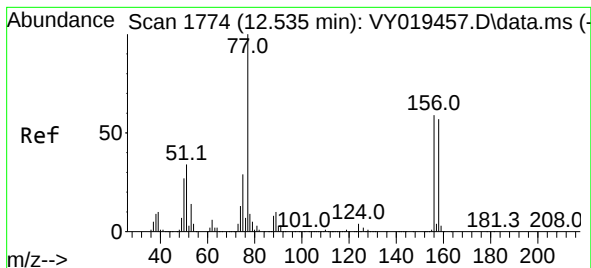
Tgt Ion: 83 Resp: 146
Ion Ratio Lower Upper
83 100
131 271.9 5.0 14.9#
85 0.0 32.0 96.0#



#76
1,2,3-Trichloropropane
Concen: 119.949 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019511.D
Acq: 11 Sep 2024 16:06

Tgt Ion: 75 Resp: 2316
Ion Ratio Lower Upper
75 100
77 13.5 0.0 0.0#





#77

Bromobenzene

Concen: 4.103 ug/l

RT: 12.548 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY019511.D

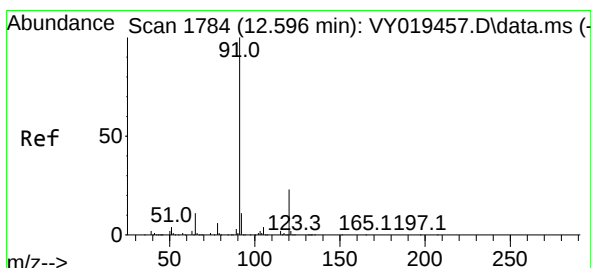
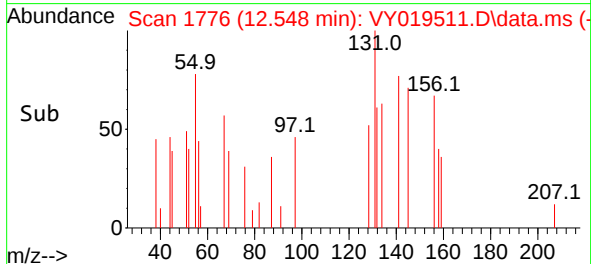
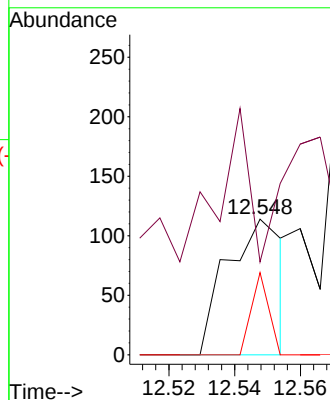
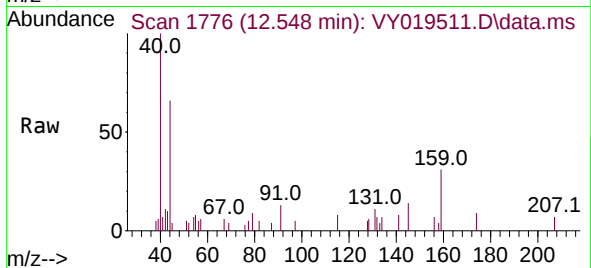
Acq: 11 Sep 2024 16:06

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	136
Ion	Ratio	Lower	Upper
156	100		
77	108.8	87.1	261.3
158	18.4	48.6	145.9



#78

n-propylbenzene

Concen: 2.151 ug/l

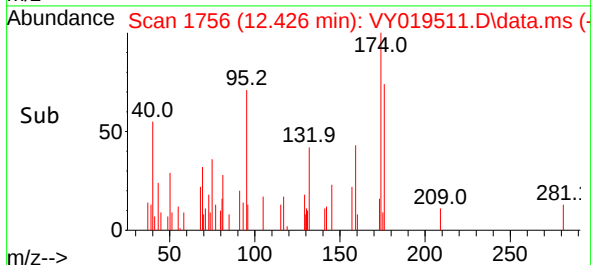
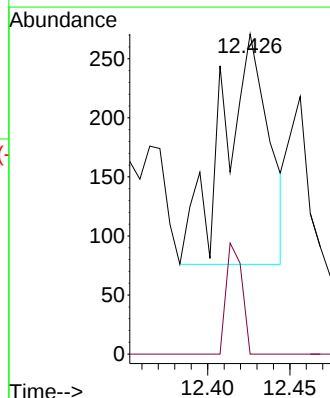
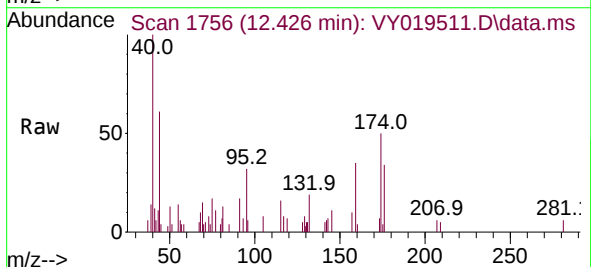
RT: 12.426 min Scan# 1756

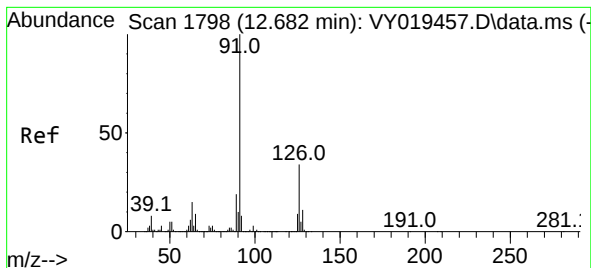
Delta R.T. -0.170 min

Lab File: VY019511.D

Acq: 11 Sep 2024 16:06

Tgt Ion:	91	Resp:	381
Ion	Ratio	Lower	Upper
91	100		
120	16.5	11.5	34.4

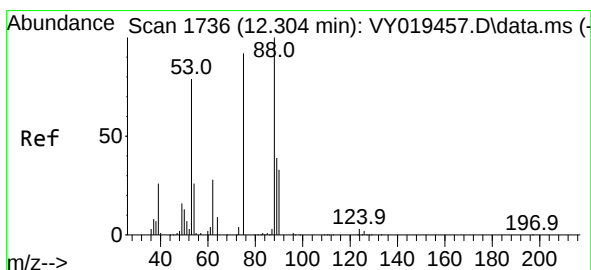
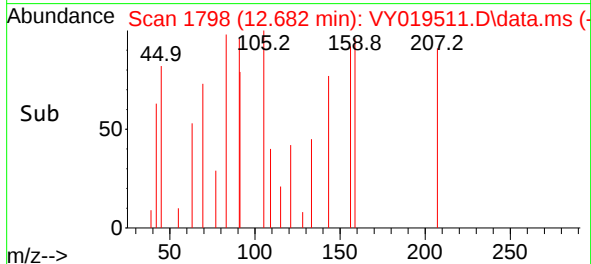
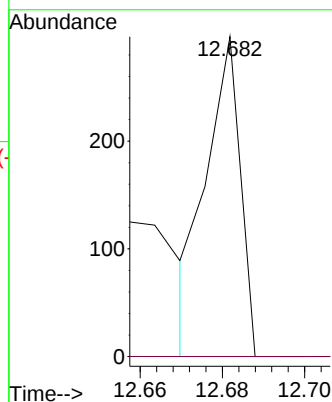
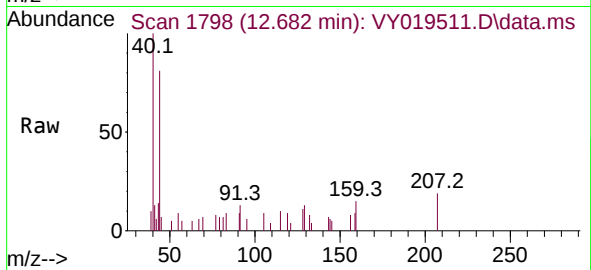




#79
2-Chlorotoluene
Concen: 1.608 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY019511.D
Acq: 11 Sep 2024 16:06

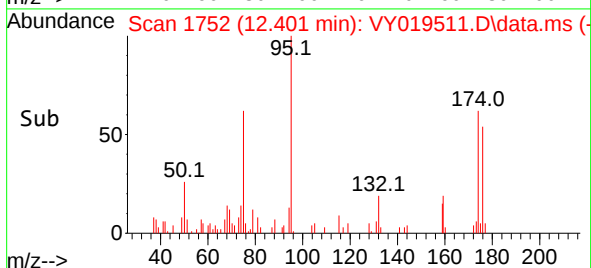
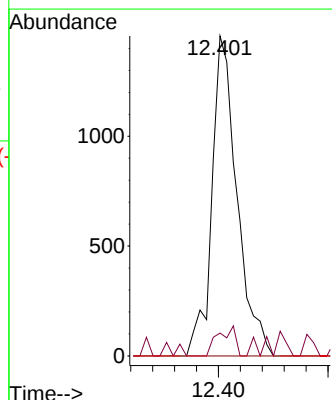
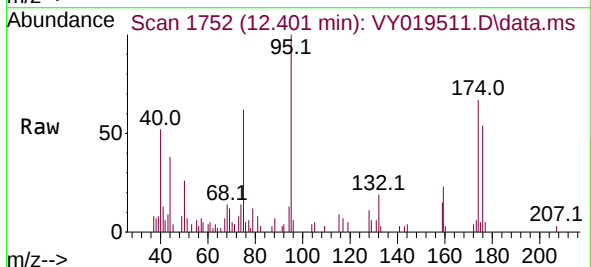
Instrument :
MSVOA_Y
ClientSampleId :

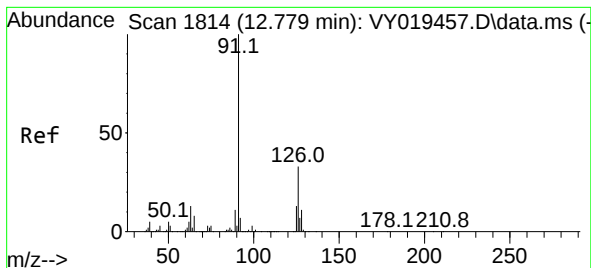
Tgt Ion: 91 Resp: 166
Ion Ratio Lower Upper
91 100
126 0.0 17.8 53.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 230.268 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019511.D
Acq: 11 Sep 2024 16:06

Tgt Ion: 75 Resp: 2316
Ion Ratio Lower Upper
75 100
53 6.4 66.8 100.2#
89 0.0 35.8 53.6#

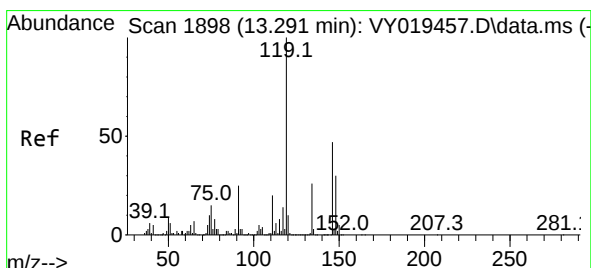
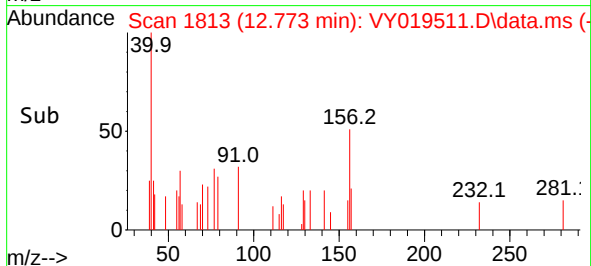
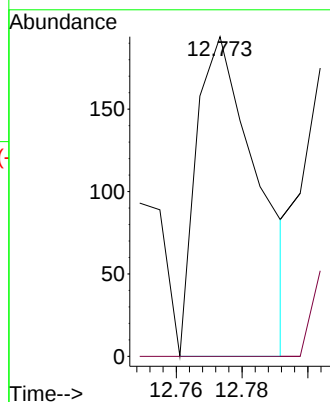
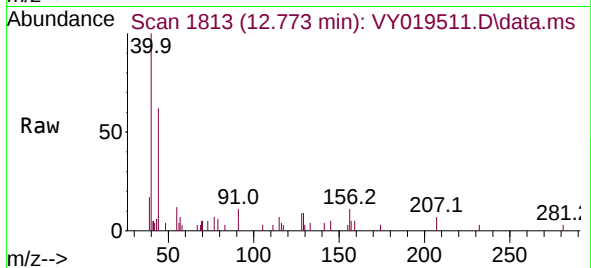




#82
4-Chlorotoluene
Concen: 2.346 ug/l
RT: 12.773 min Scan# 1814
Delta R.T. -0.006 min
Lab File: VY019511.D
Acq: 11 Sep 2024 16:06

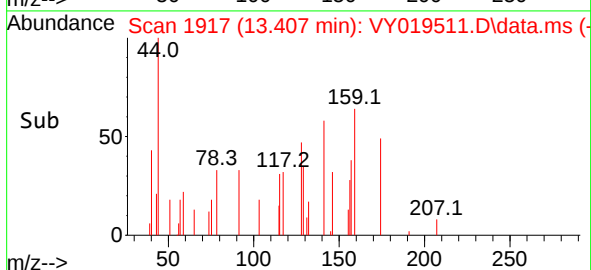
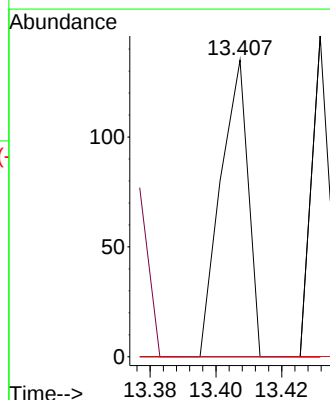
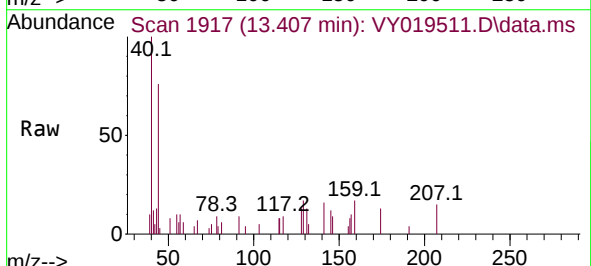
Instrument :
MSVOA_Y
ClientSampleId :

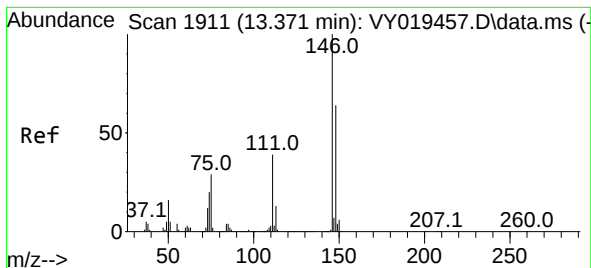
Tgt Ion: 91 Resp: 249
Ion Ratio Lower Upper
91 100
126 0.0 17.6 52.9#



#87
1,3-Dichlorobenzene
Concen: 1.227 ug/l
RT: 13.407 min Scan# 1917
Delta R.T. 0.116 min
Lab File: VY019511.D
Acq: 11 Sep 2024 16:06

Tgt Ion: 146 Resp: 79
Ion Ratio Lower Upper
146 100
111 0.0 19.0 57.0#
148 0.0 31.7 95.1#





#88

1,4-Dichlorobenzene

Concen: 1.236 ug/l

RT: 13.407 min Scan# 1917

Delta R.T. 0.037 min

Lab File: VY019511.D

Acq: 11 Sep 2024 16:06

Instrument :

MSVOA_Y

ClientSampleId :

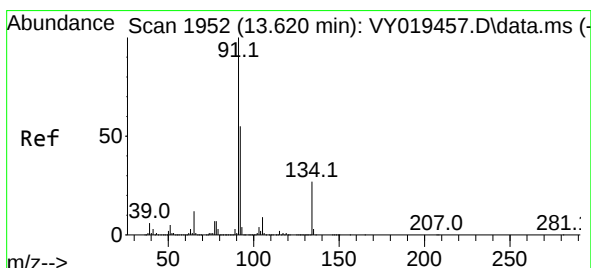
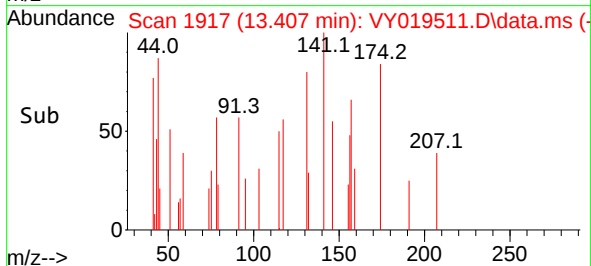
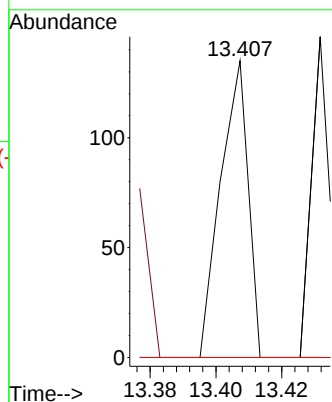
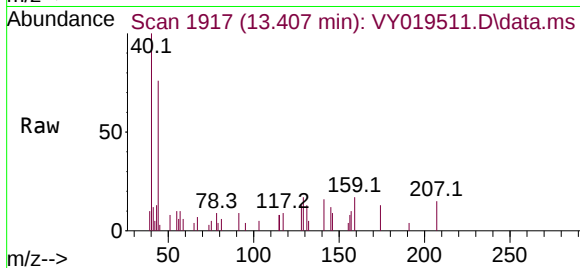
Tgt Ion:146 Resp: 79

Ion Ratio Lower Upper

146 100

111 0.0 18.4 55.4#

148 0.0 32.4 97.2#



#89

n-Butylbenzene

Concen: 2.184 ug/l

RT: 13.639 min Scan# 1955

Delta R.T. 0.019 min

Lab File: VY019511.D

Acq: 11 Sep 2024 16:06

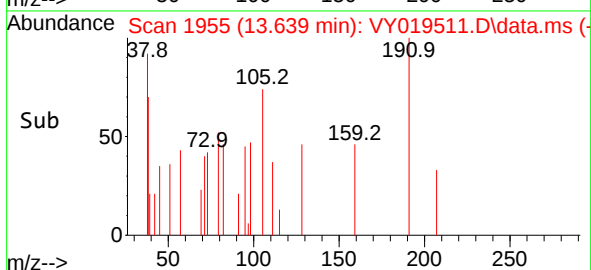
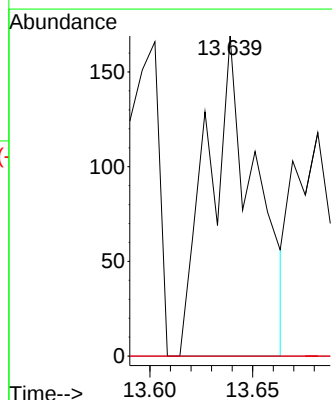
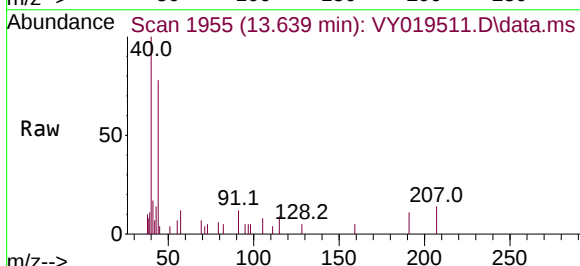
Tgt Ion: 91 Resp: 273

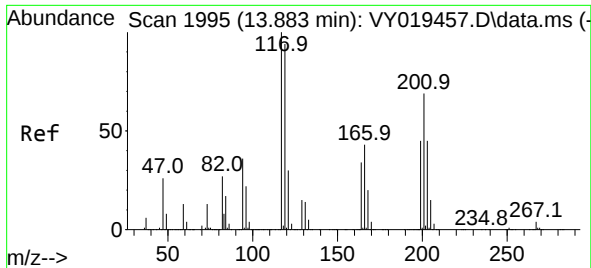
Ion Ratio Lower Upper

91 100

92 0.0 26.6 79.7#

134 0.0 12.9 38.7#

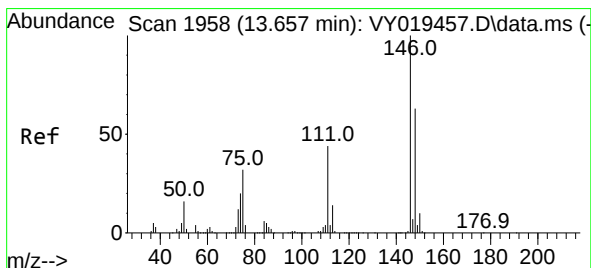
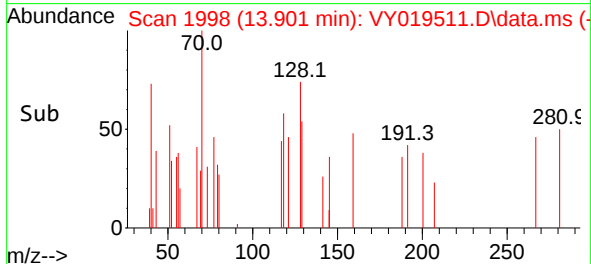
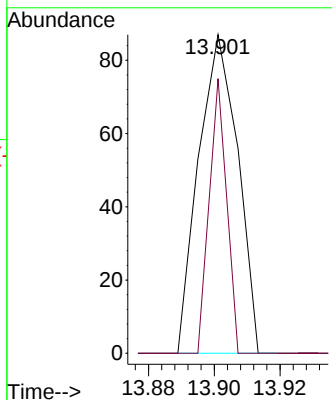
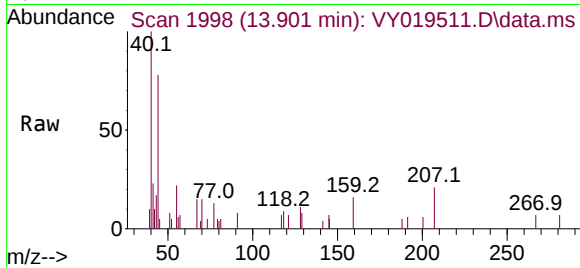




#90
Hexachloroethane
Concen: 2.647 ug/l
RT: 13.901 min Scan# 1998
Delta R.T. 0.019 min
Lab File: VY019511.D
Acq: 11 Sep 2024 16:06

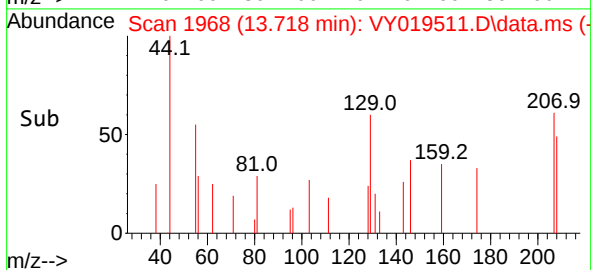
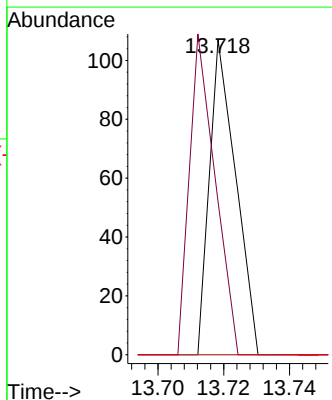
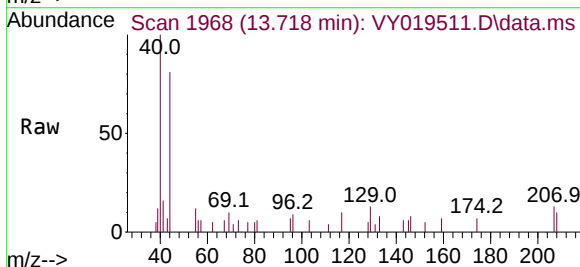
Instrument :
MSVOA_Y
ClientSampleId :

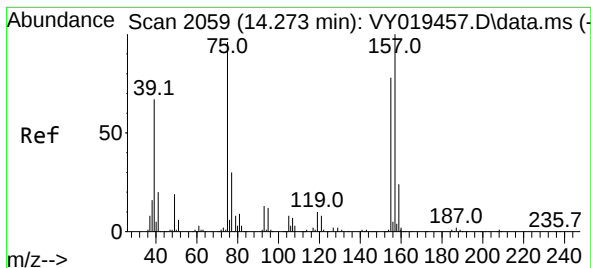
Tgt Ion:117 Resp: 72
Ion Ratio Lower Upper
117 100
201 37.5 37.4 112.2



#91
1,2-Dichlorobenzene
Concen: 1.027 ug/l
RT: 13.718 min Scan# 1968
Delta R.T. 0.061 min
Lab File: VY019511.D
Acq: 11 Sep 2024 16:06

Tgt Ion:146 Resp: 59
Ion Ratio Lower Upper
146 100
111 100.0 19.9 59.7#
148 0.0 31.8 95.4#

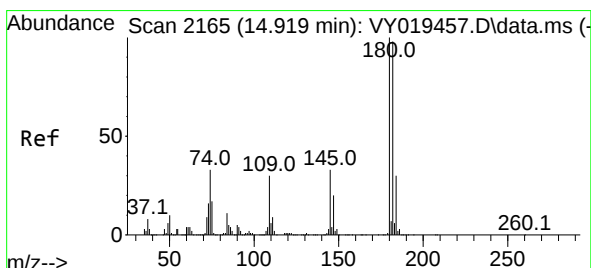
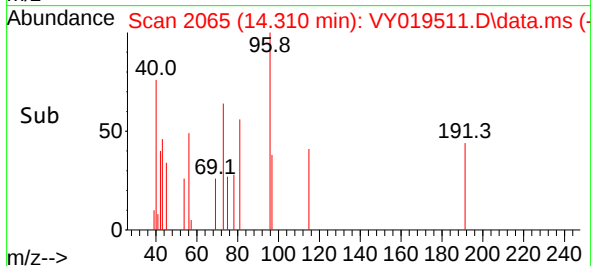
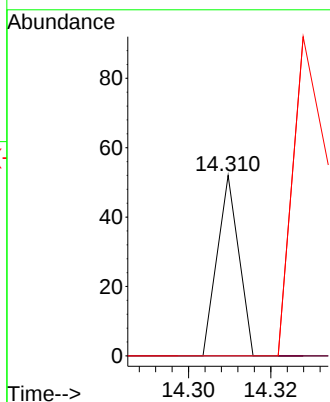
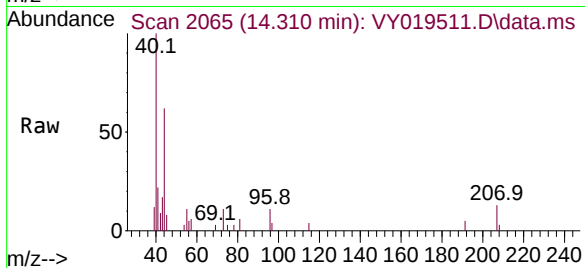




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.298 ug/l
 RT: 14.310 min Scan# 2059
 Delta R.T. 0.037 min
 Lab File: VY019511.D
 Acq: 11 Sep 2024 16:06

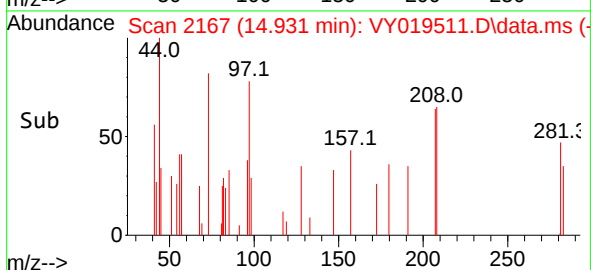
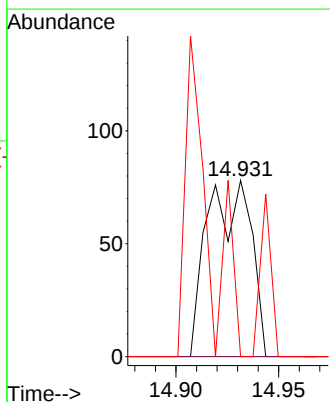
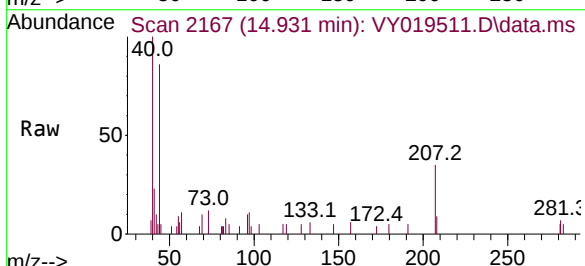
Instrument :
 MSVOA_Y
 ClientSampleId :

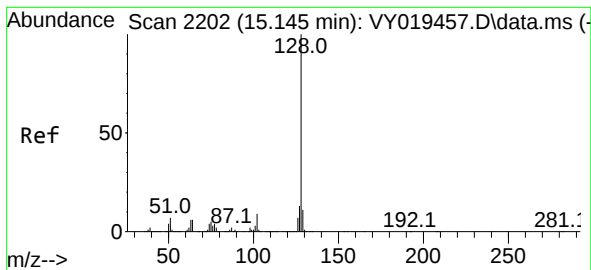
Tgt Ion: 75 Resp: 19
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.6 145.8#
 157 284.2 62.7 188.2#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.290 ug/l
 RT: 14.931 min Scan# 2167
 Delta R.T. 0.012 min
 Lab File: VY019511.D
 Acq: 11 Sep 2024 16:06

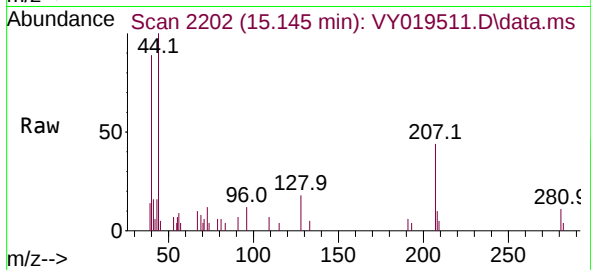
Tgt Ion: 180 Resp: 115
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.9 143.8#
 145 22.6 14.2 42.6





#95
Naphthalene
Concen: 5.057 ug/l
RT: 15.145 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY019511.D
Acq: 11 Sep 2024 16:06

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 354
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 15.0 8.6 13.0#

