

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111022\Not Reviewed Data\
 Data File : VY011387.D
 Acq On : 10 Nov 2022 14:00
 Operator : KP/MD
 Sample : VY1110SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1110SBL01

Quant Time: Nov 10 19:18:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

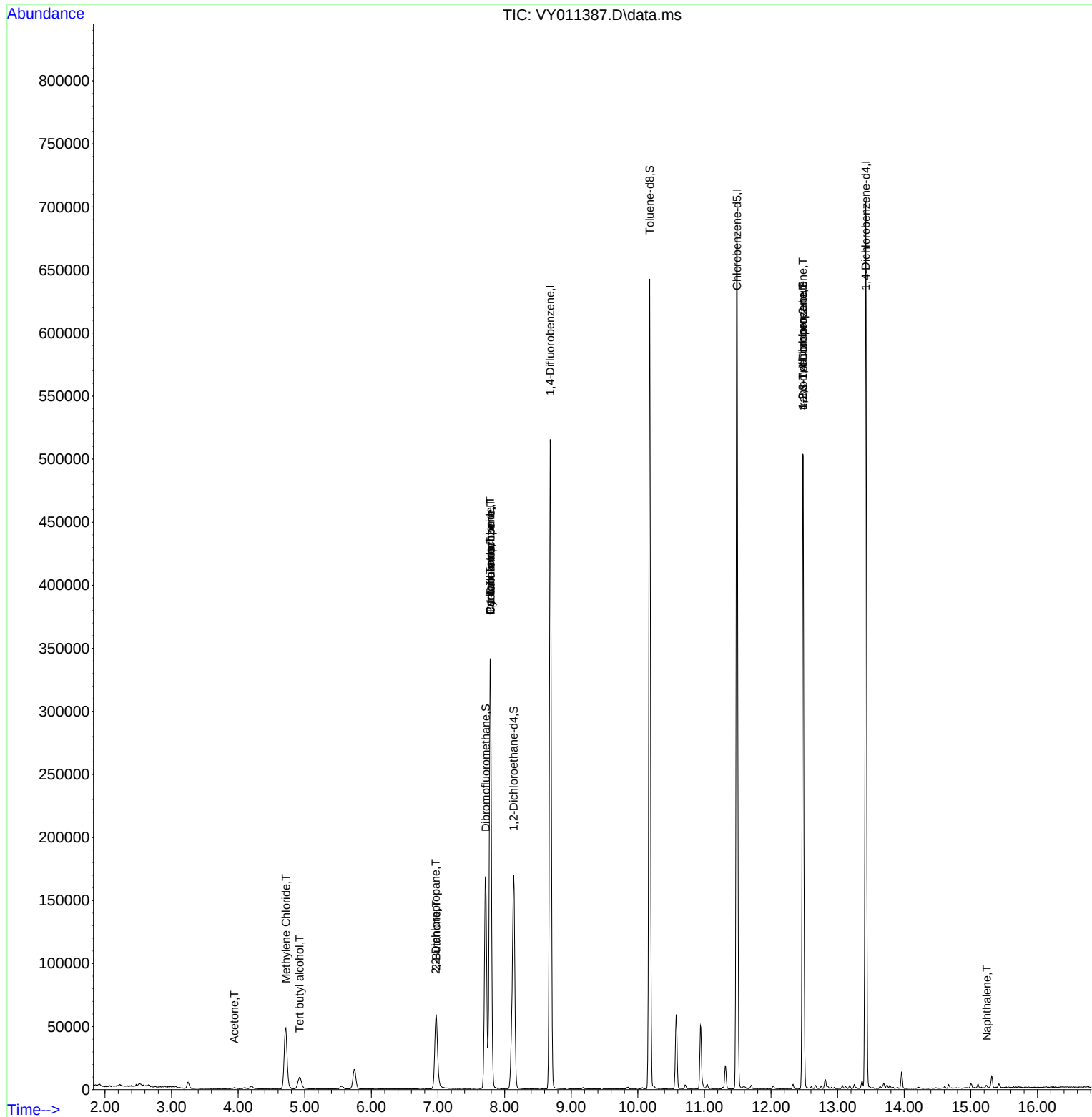
Internal Standards						
1) Pentafluorobenzene	7.789	168	282029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	465587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	407404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	190757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	116967	49.493	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.980%
35) Dibromofluoromethane	7.716	113	124927	47.878	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.760%
50) Toluene-d8	10.179	98	440063	44.147	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.300%
62) 4-Bromofluorobenzene	12.477	95	153706	44.209	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	880	Below Cal		96
11) Tert butyl alcohol	4.924	59	9514	2.698 ug/l	#	78
16) Acetone	3.942	43	1719	2.756 ug/l	#	79
18) Methyl Acetate	4.698	43	405	Below Cal	#	56
20) Methylene Chloride	4.716	84	40745	5.325 ug/l	#	77
25) 2-Butanone	6.972	43	2888	3.251 ug/l		97
26) 2,2-Dichloropropane	6.966	77	4814	1.085 ug/l	#	55
31) Cyclohexane	7.789	56	4805	1.131 ug/l	#	1
36) 1,1-Dichloropropene	7.789	75	19324	4.772 ug/l	#	51
38) Carbon Tetrachloride	7.783	117	26224	5.953 ug/l	#	15
76) 1,2,3-Trichloropropane	12.477	75	73778	33.413 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.477	75	73778	80.315 ug/l	#	7
95) Naphthalene	15.239	128	2270	3.569 ug/l		97

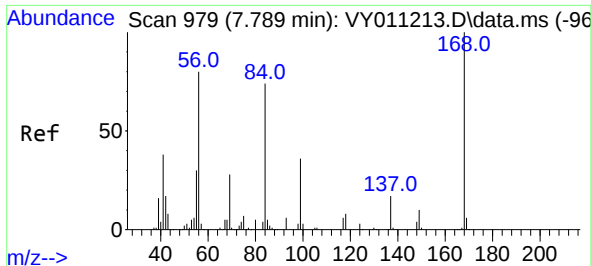
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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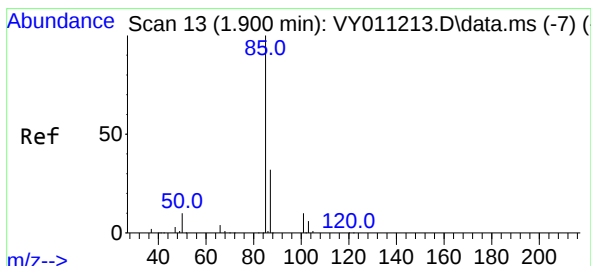
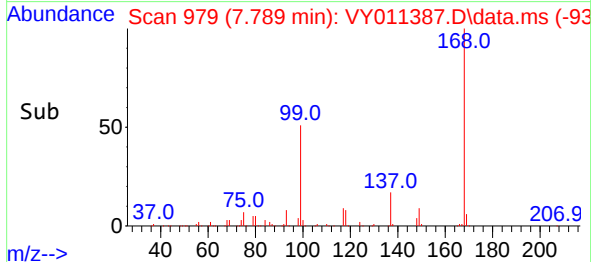
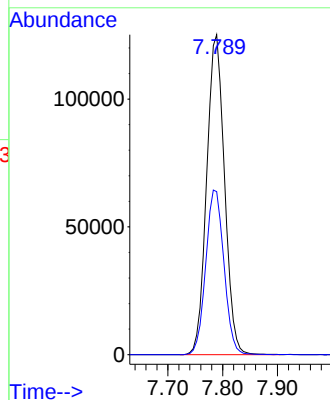
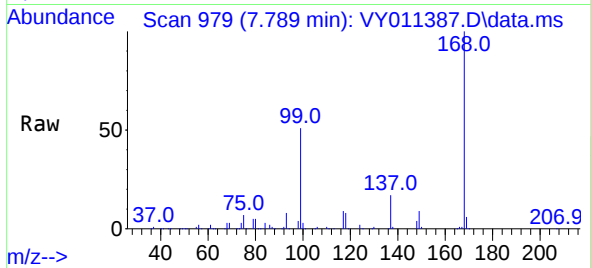




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011387.D
Acq: 10 Nov 2022 14:00

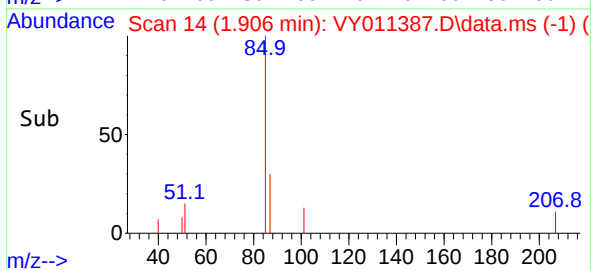
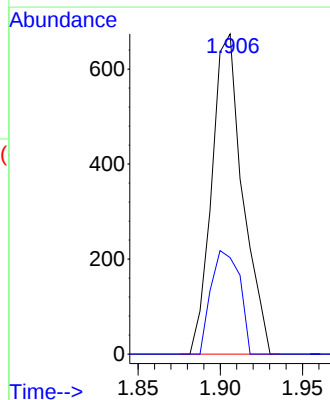
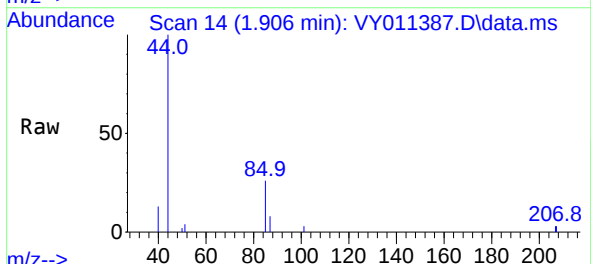
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBL01

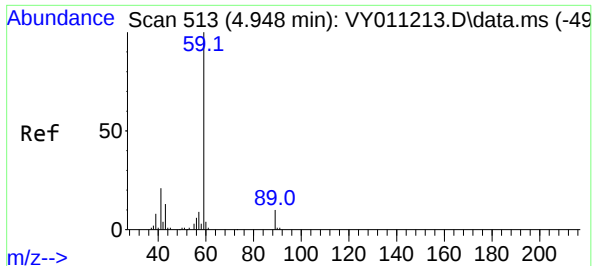
Tgt Ion:168 Resp: 282029
Ion Ratio Lower Upper
168 100
99 51.0 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011387.D
Acq: 10 Nov 2022 14:00

Tgt Ion: 85 Resp: 880
Ion Ratio Lower Upper
85 100
87 30.1 16.1 48.2





#11

Tert butyl alcohol

Concen: 2.698 ug/l

RT: 4.924 min Scan# 509

Delta R.T. -0.030 min

Lab File: VY011387.D

Acq: 10 Nov 2022 14:00

Instrument :

MSVOA_Y

ClientSampleId :

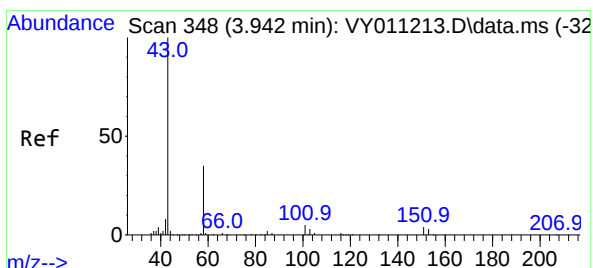
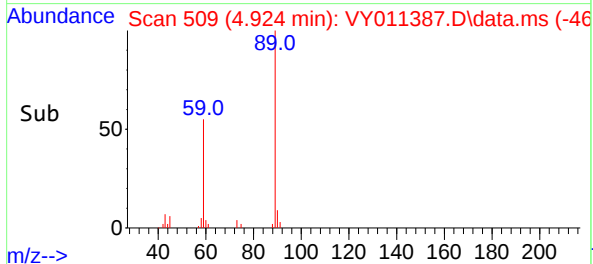
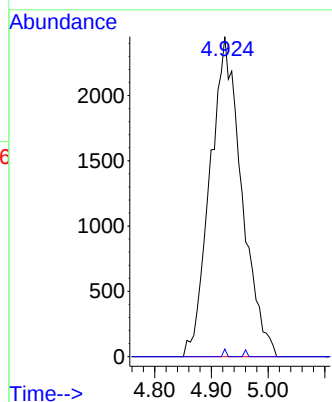
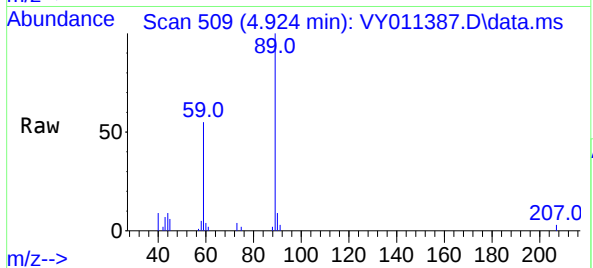
VY1110SBL01

Tgt Ion: 59 Resp: 9514

Ion Ratio Lower Upper

59 100

57 0.2 6.4 9.6#



#16

Acetone

Concen: 2.756 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY011387.D

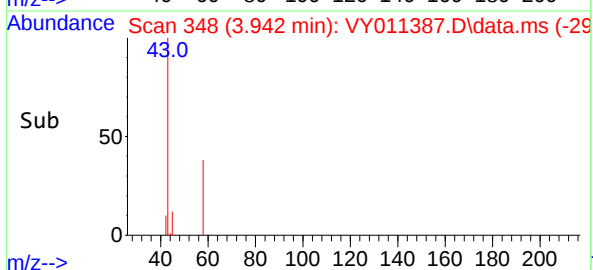
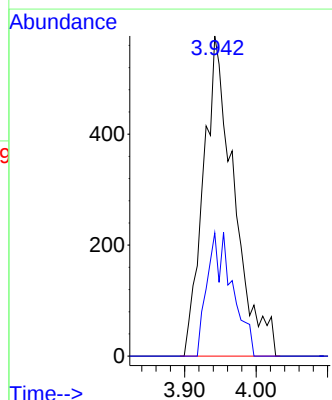
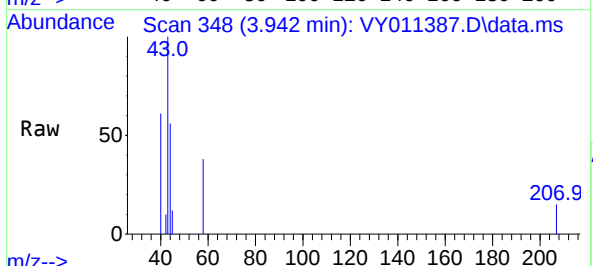
Acq: 10 Nov 2022 14:00

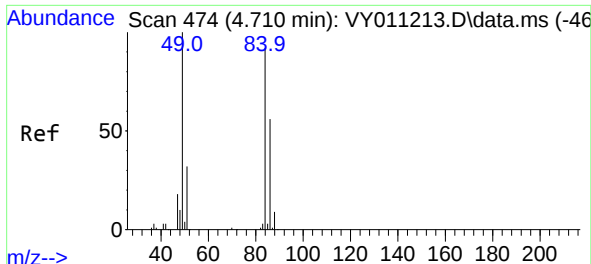
Tgt Ion: 43 Resp: 1719

Ion Ratio Lower Upper

43 100

58 38.5 22.0 33.0#

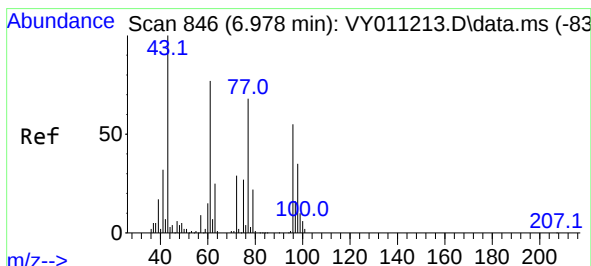
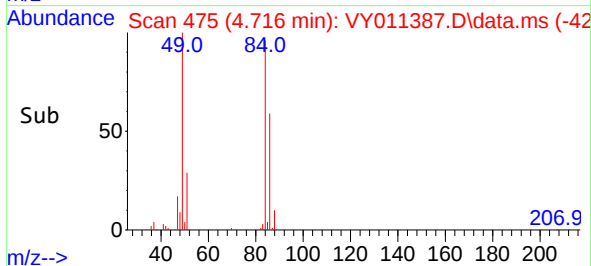
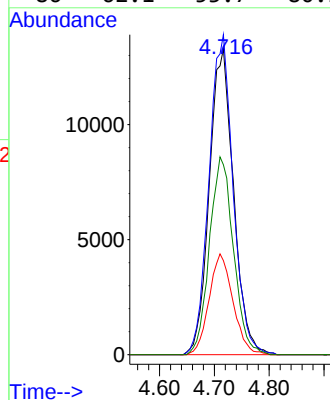
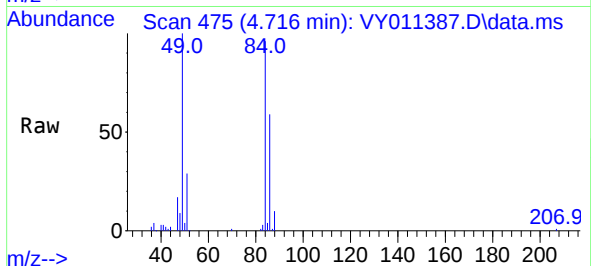




#20
Methylene Chloride
Concen: 5.325 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY011387.D
Acq: 10 Nov 2022 14:00

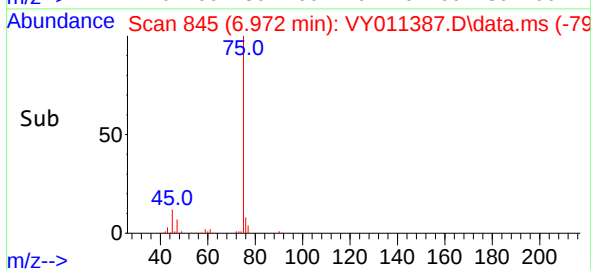
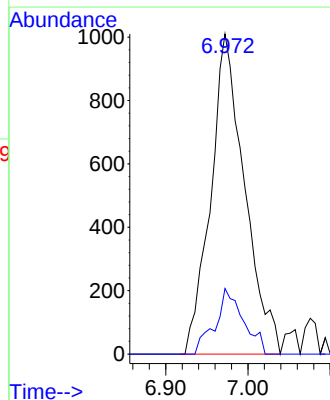
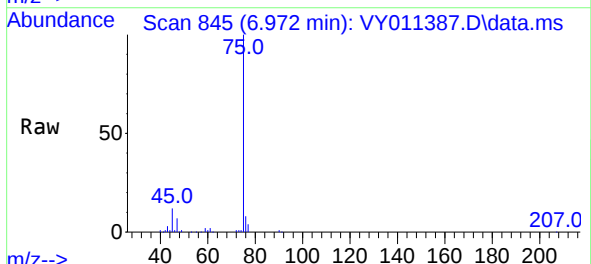
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBL01

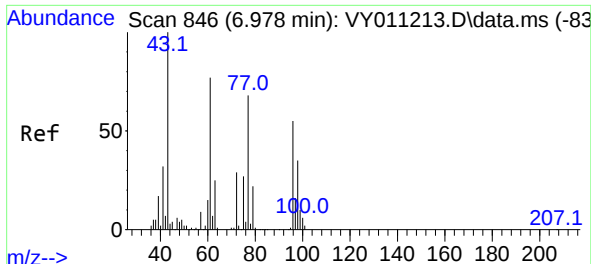
Tgt Ion: 84 Resp: 40745
Ion Ratio Lower Upper
84 100
49 104.6 114.4 171.6#
51 30.8 35.3 52.9#
86 62.1 53.7 80.5



#25
2-Butanone
Concen: 3.251 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY011387.D
Acq: 10 Nov 2022 14:00

Tgt Ion: 43 Resp: 2888
Ion Ratio Lower Upper
43 100
72 20.5 17.7 26.5

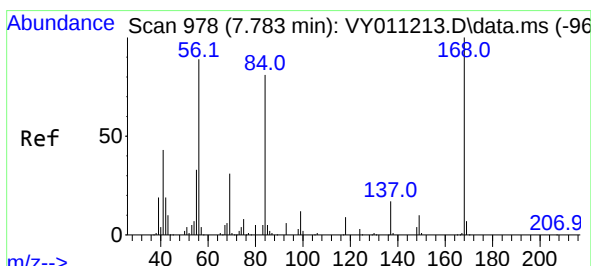
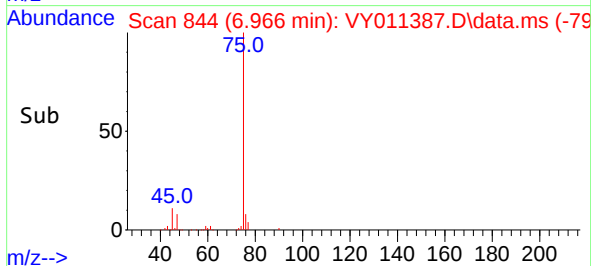
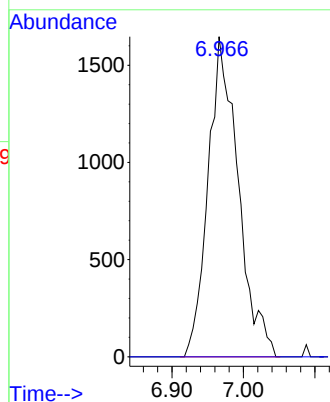
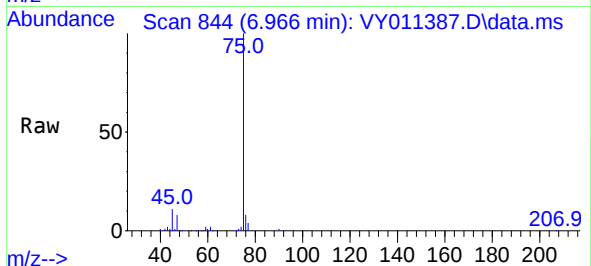




#26
2,2-Dichloropropane
Concen: 1.085 ug/l
RT: 6.966 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY011387.D
Acq: 10 Nov 2022 14:00

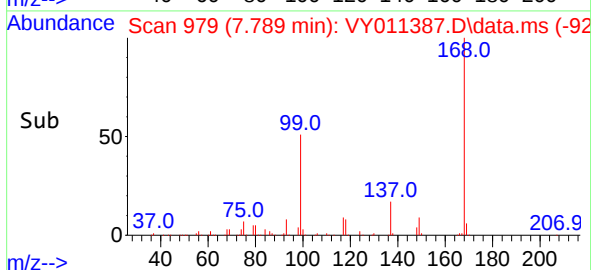
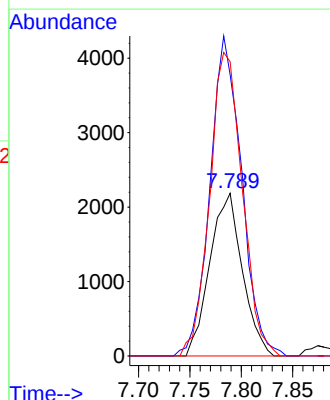
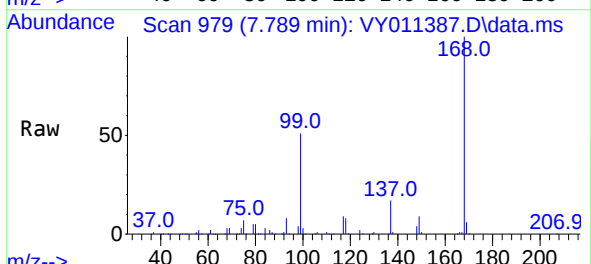
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBL01

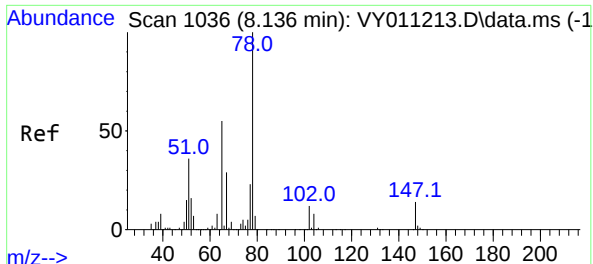
Tgt Ion: 77 Resp: 4814
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



#31
Cyclohexane
Concen: 1.131 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY011387.D
Acq: 10 Nov 2022 14:00

Tgt Ion: 56 Resp: 4805
Ion Ratio Lower Upper
56 100
69 169.6 26.7 40.1#
84 180.9 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 49.493 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY011387.D

Acq: 10 Nov 2022 14:00

Instrument :

MSVOA_Y

ClientSampleId :

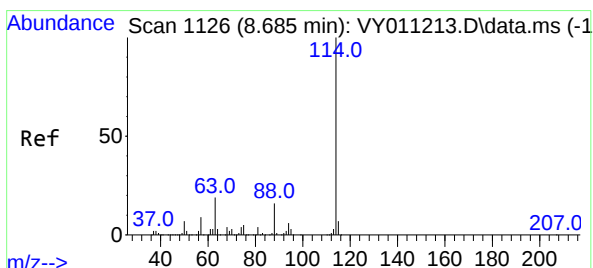
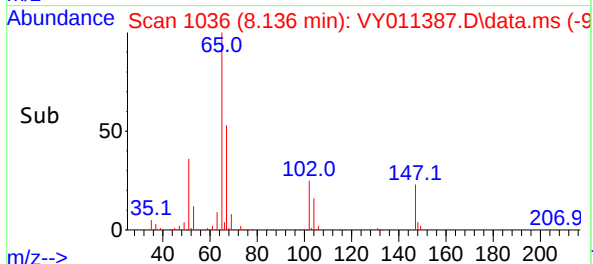
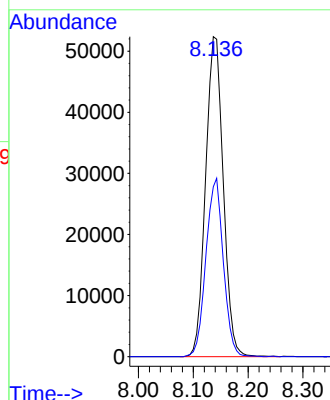
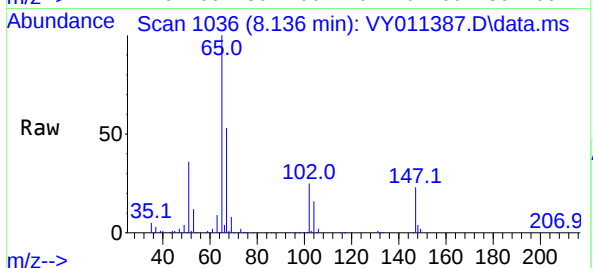
VY1110SBL01

Tgt Ion: 65 Resp: 116967

Ion Ratio Lower Upper

65 100

67 54.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011387.D

Acq: 10 Nov 2022 14:00

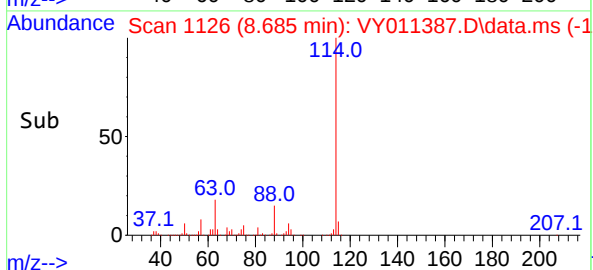
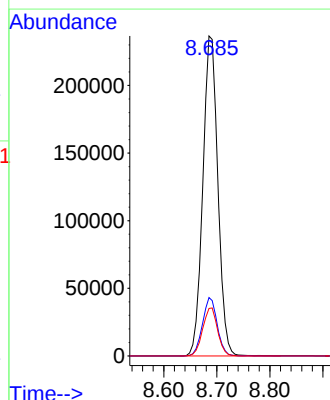
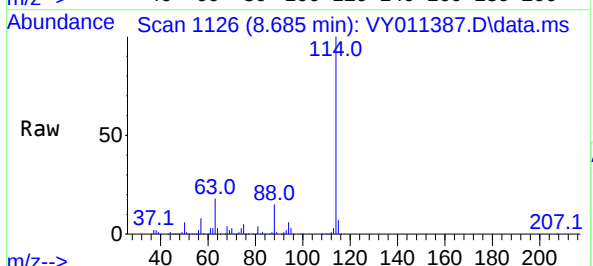
Tgt Ion: 114 Resp: 465587

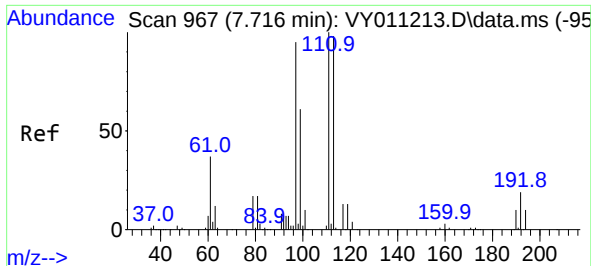
Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 14.8 0.0 31.8

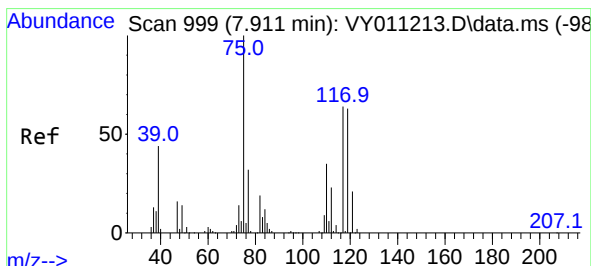
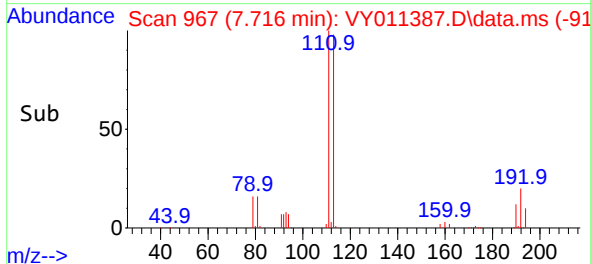
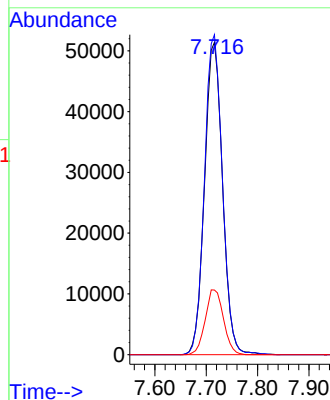
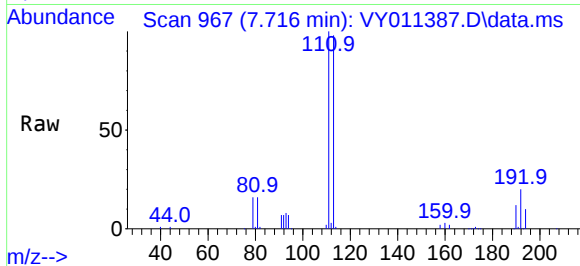




#35
Dibromofluoromethane
Concen: 47.878 ug/l
RT: 7.716 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY011387.D
Acq: 10 Nov 2022 14:00

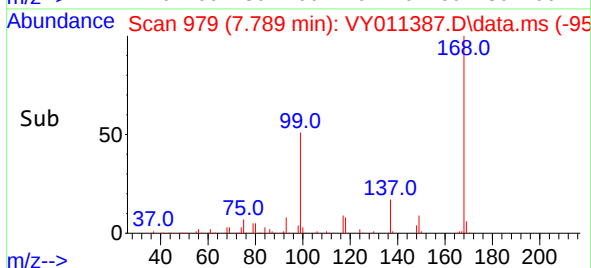
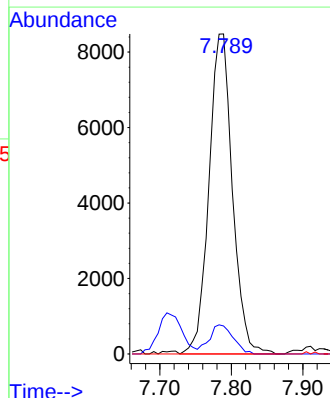
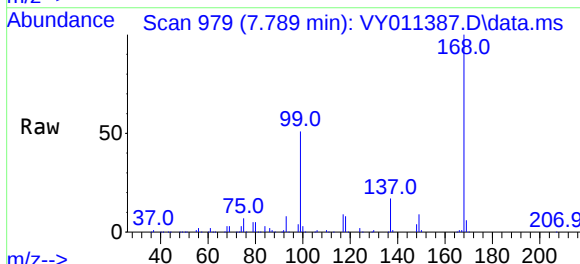
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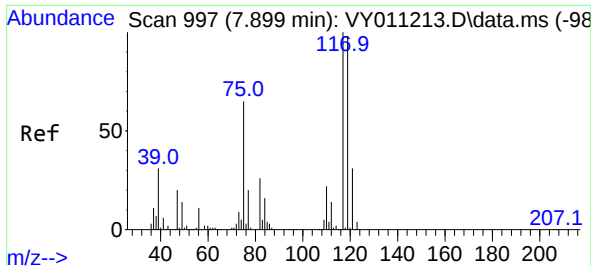
Tgt Ion:113 Resp: 124927
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 21.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.772 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY011387.D
Acq: 10 Nov 2022 14:00

Tgt Ion: 75 Resp: 19324
Ion Ratio Lower Upper
75 100
110 9.3 17.1 51.2#
77 0.0 24.4 36.6#

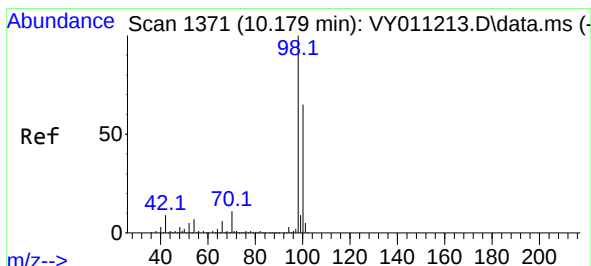
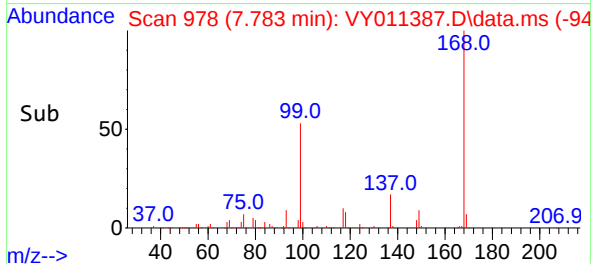
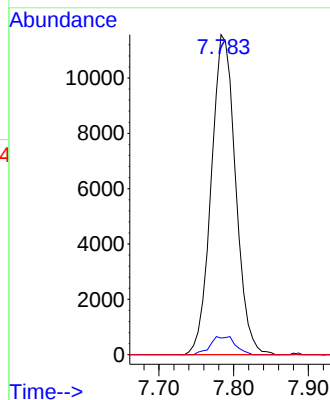
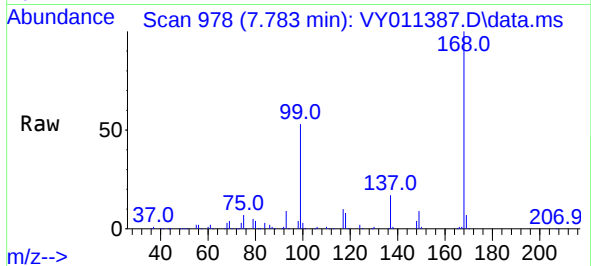




#38
Carbon Tetrachloride
Concen: 5.953 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011387.D
Acq: 10 Nov 2022 14:00

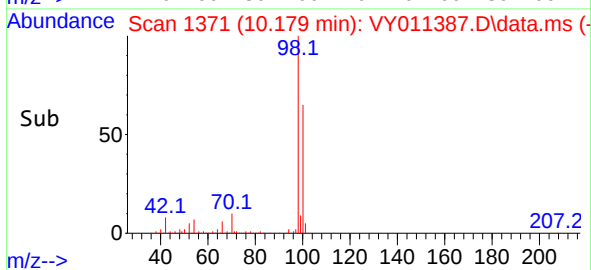
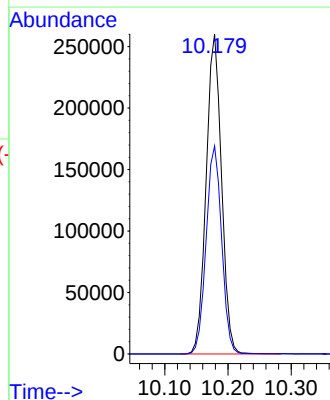
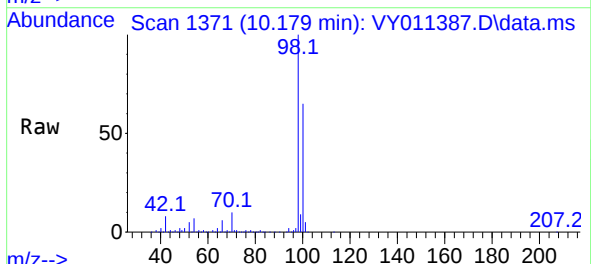
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBL01

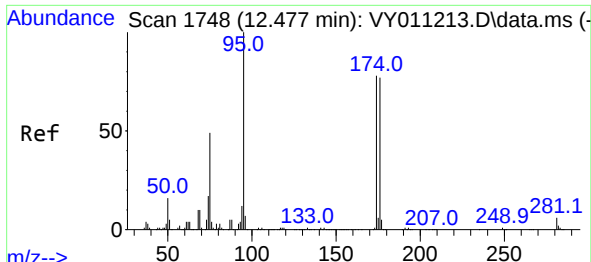
Tgt Ion:117 Resp: 26224
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 44.147 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011387.D
Acq: 10 Nov 2022 14:00

Tgt Ion: 98 Resp: 440063
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2

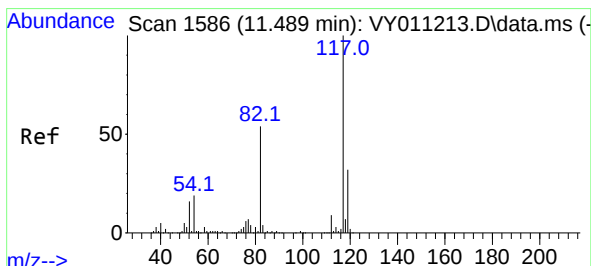
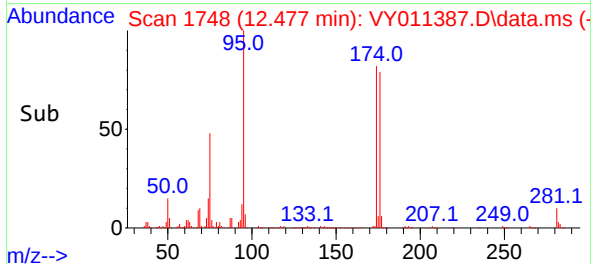
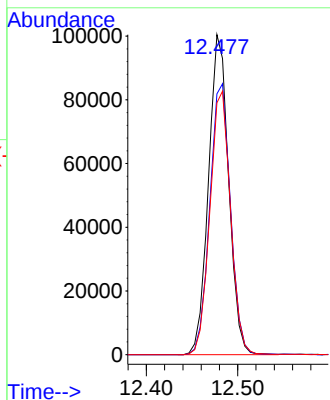
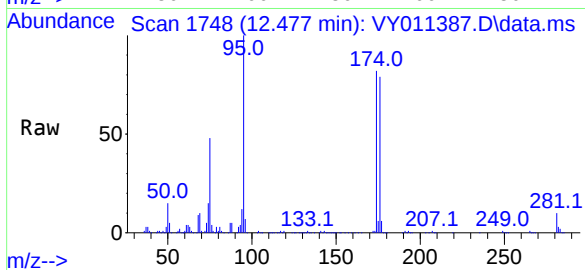




#62
4-Bromofluorobenzene
Concen: 44.209 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011387.D
Acq: 10 Nov 2022 14:00

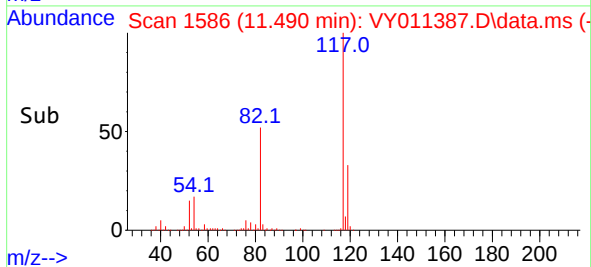
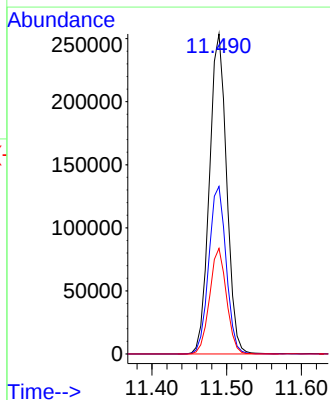
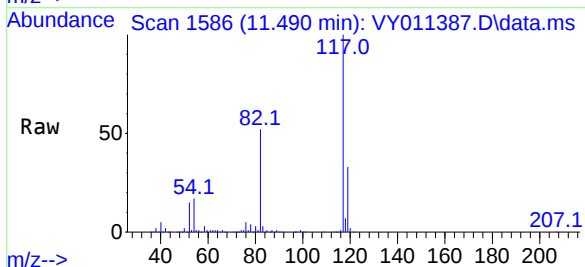
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBL01

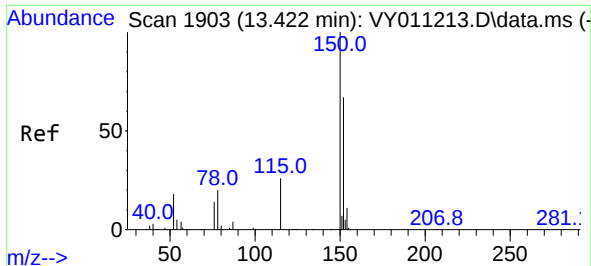
Tgt Ion: 95 Resp: 153706
Ion Ratio Lower Upper
95 100
174 87.1 0.0 177.0
176 84.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011387.D
Acq: 10 Nov 2022 14:00

Tgt Ion: 117 Resp: 407404
Ion Ratio Lower Upper
117 100
82 52.4 43.0 64.4
119 33.0 25.4 38.0

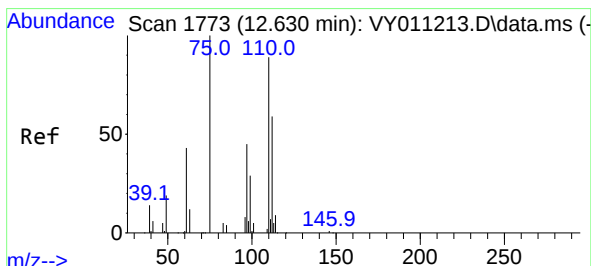
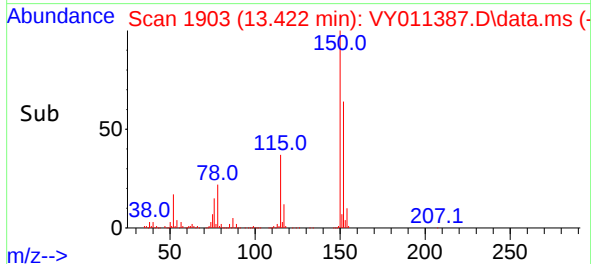
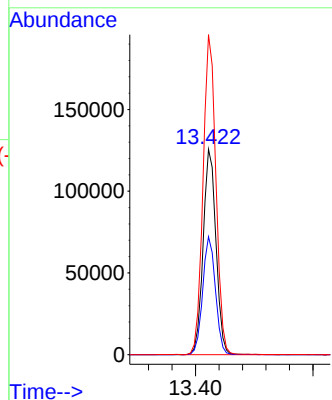
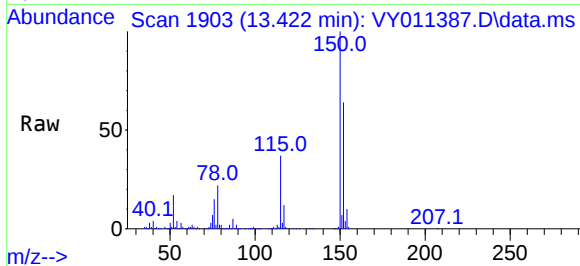




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY011387.D
 Acq: 10 Nov 2022 14:00

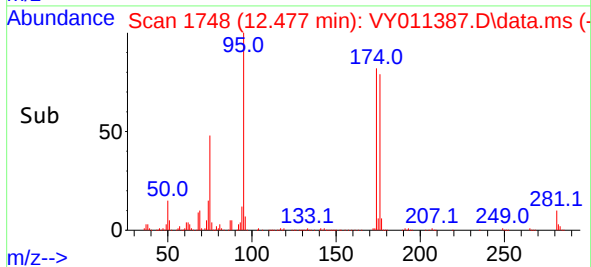
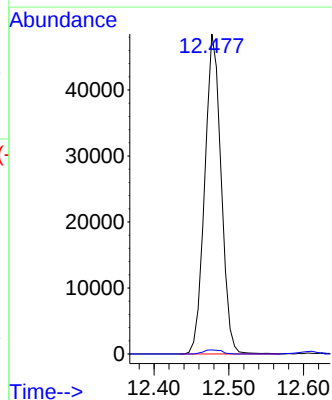
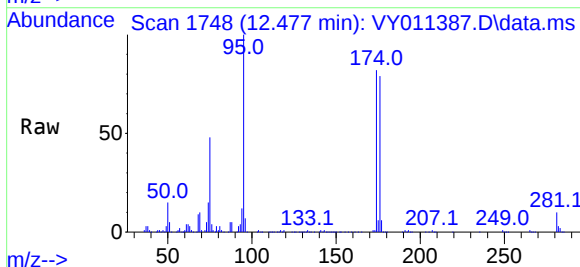
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1110SBL01

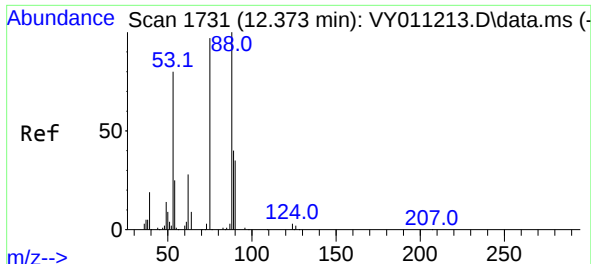
Tgt Ion:152 Resp: 190757
 Ion Ratio Lower Upper
 152 100
 115 57.1 28.2 84.7
 150 156.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 33.413 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY011387.D
 Acq: 10 Nov 2022 14:00

Tgt Ion: 75 Resp: 73778
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

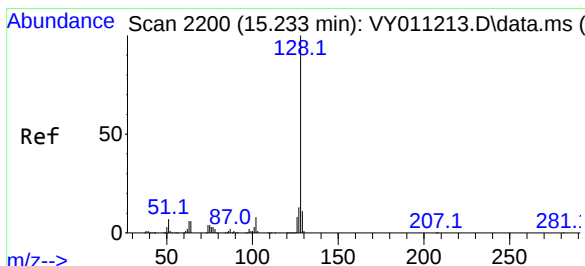
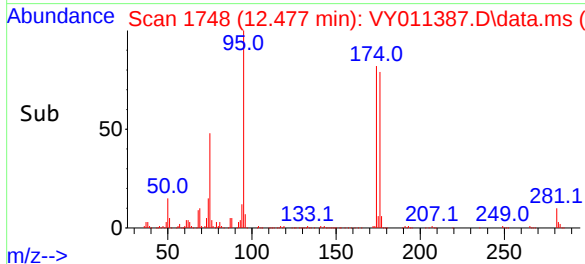
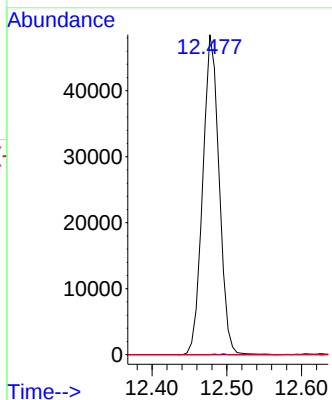
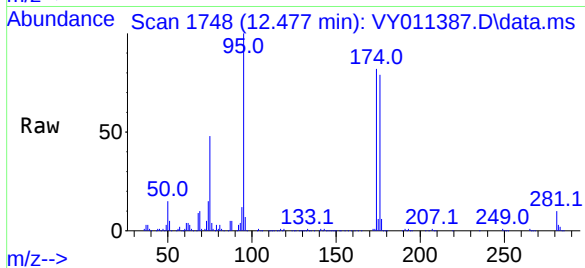




#81
trans-1,4-Dichloro-2-butene
Concen: 80.315 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011387.D
Acq: 10 Nov 2022 14:00

Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBL01

Tgt Ion: 75 Resp: 73778
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#



#95
Naphthalene
Concen: 3.569 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY011387.D
Acq: 10 Nov 2022 14:00

Tgt Ion:128 Resp: 2270
Ion Ratio Lower Upper
128 100
127 12.7 11.0 16.4
129 9.5 8.4 12.6

