

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102722\
 Data File : VY011139.D
 Acq On : 27 Oct 2022 15:19
 Operator : KP/MD
 Sample : N5281-09RE
 Misc : 3.83g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-9

Quant Time: Oct 28 00:47:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

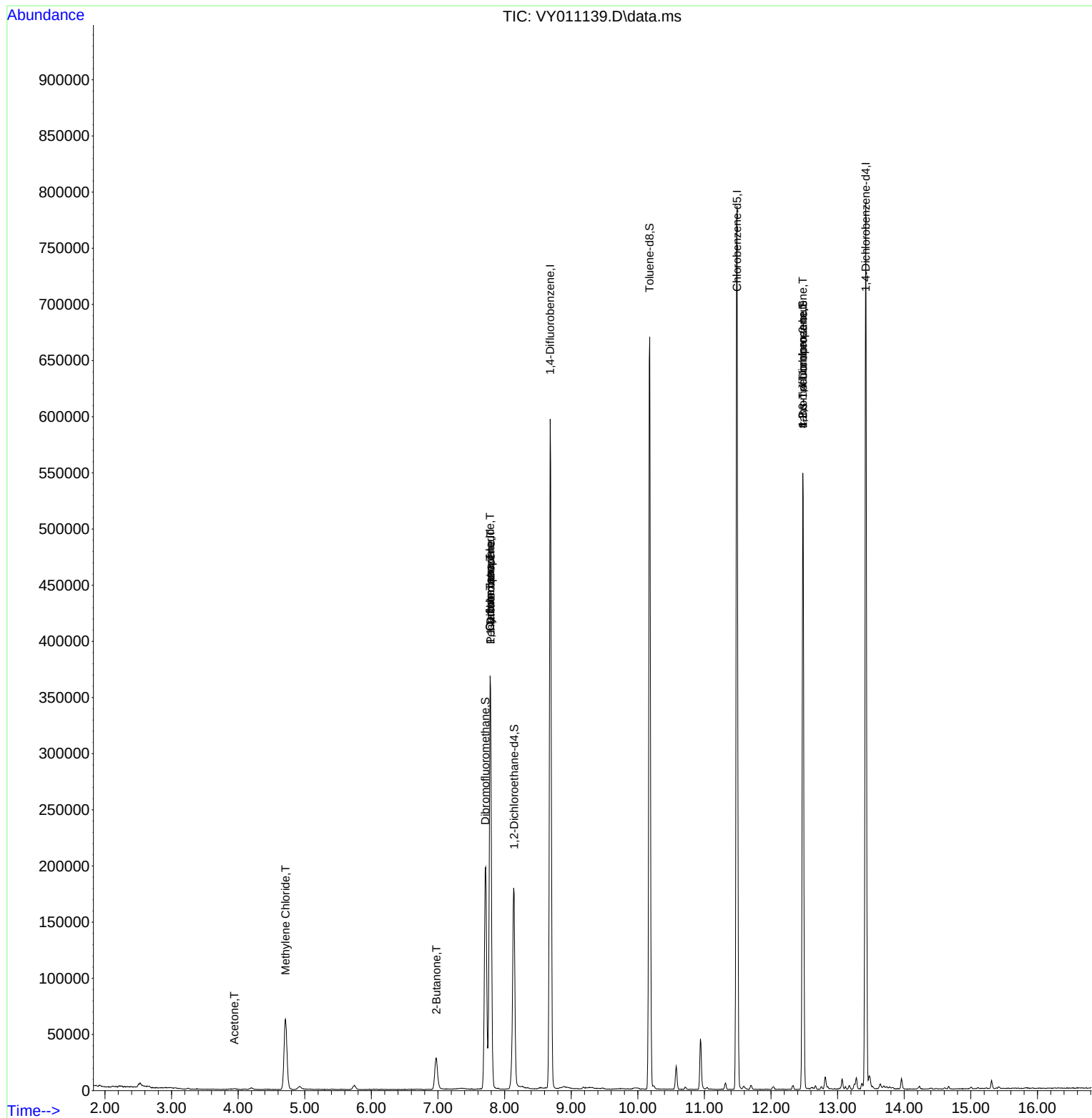
Internal Standards						
1) Pentafluorobenzene	7.789	168	284464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	503964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	446783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	202774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	131913	50.342	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 100.680%		
35) Dibromofluoromethane	7.710	113	144909	51.654	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 103.300%		
50) Toluene-d8	10.179	98	455654	43.302	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 86.600%		
62) 4-Bromofluorobenzene	12.477	95	168983	45.029	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 90.060%		
Target Compounds						
11) Tert butyl alcohol	4.930	59	3044	Below Cal	#	77
16) Acetone	3.942	43	1426	1.874	ug/l	98
18) Methyl Acetate	4.686	43	45	Below Cal	#	56
20) Methylene Chloride	4.710	84	50548	10.216	ug/l	# 81
25) 2-Butanone	6.978	43	2257	1.956	ug/l	# 82
31) Cyclohexane	7.783	56	6088	1.214	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	22058	4.702	ug/l	# 51
38) Carbon Tetrachloride	7.783	117	28466	5.878	ug/l	# 15
76) 1,2,3-Trichloropropane	12.477	75	84475	36.694	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	84475	78.919	ug/l	# 7

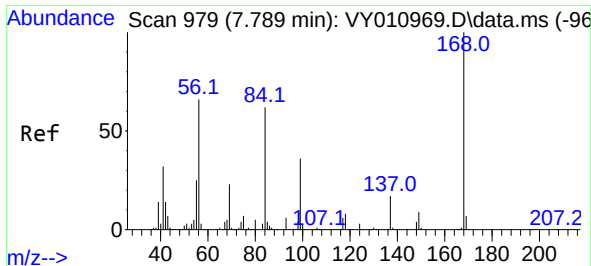
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 18 01:42:42 2022
Response via : Initial Calibration

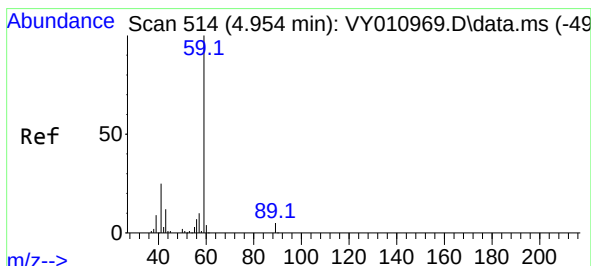
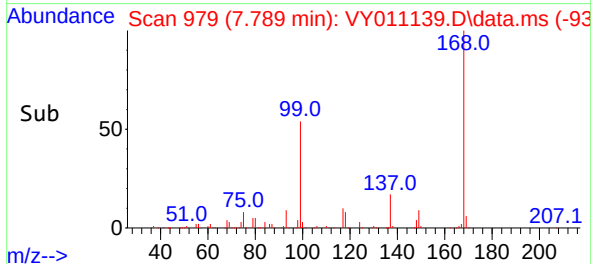
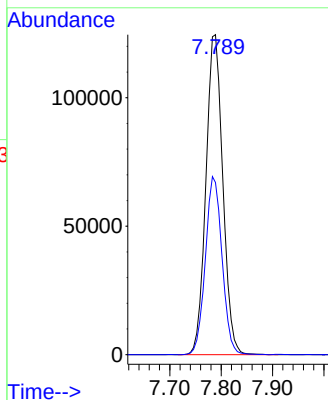
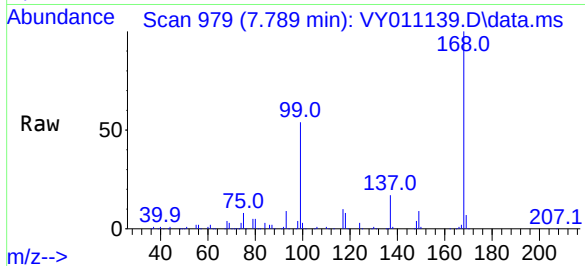




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011139.D
Acq: 27 Oct 2022 15:19

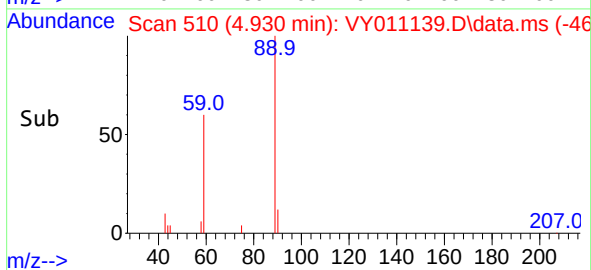
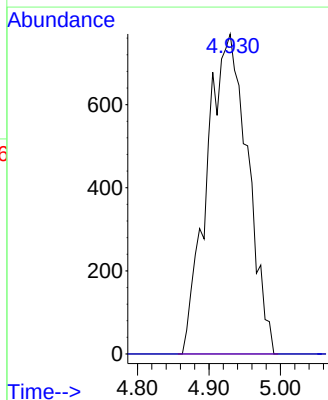
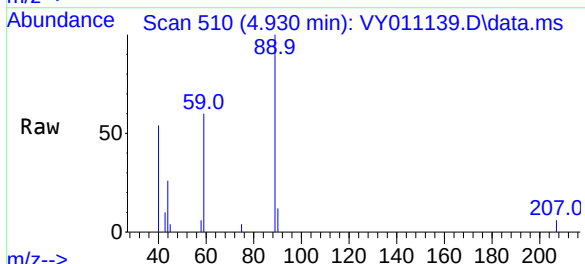
Instrument :
MSVOA_Y
ClientSampleId :
SB-9

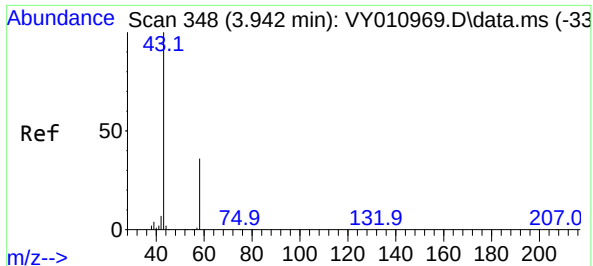
Tgt Ion:168 Resp: 284464
Ion Ratio Lower Upper
168 100
99 53.8 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.024 min
Lab File: VY011139.D
Acq: 27 Oct 2022 15:19

Tgt Ion: 59 Resp: 3044
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

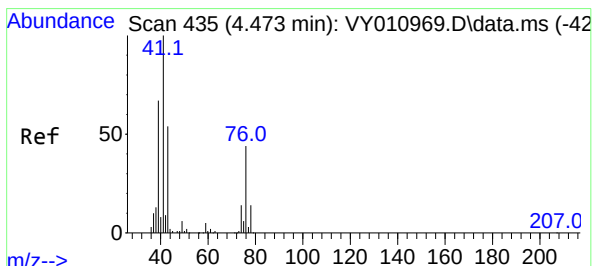
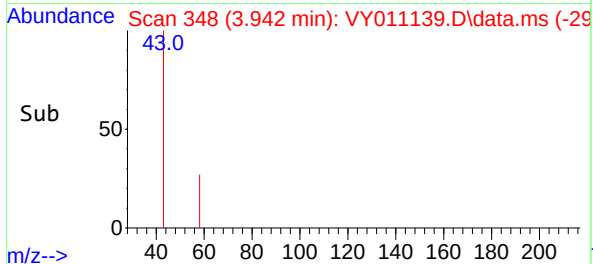
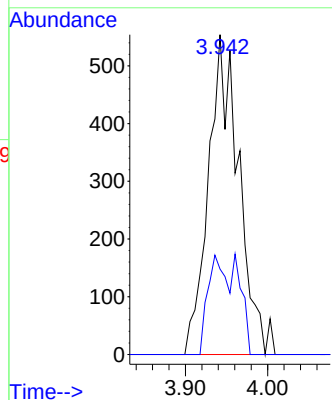
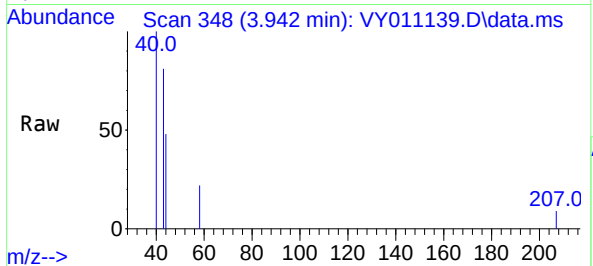




#16
Acetone
Concen: 1.874 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011139.D
Acq: 27 Oct 2022 15:19

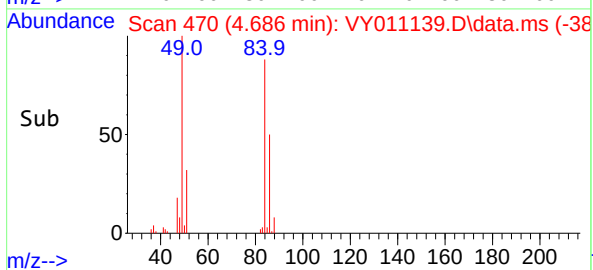
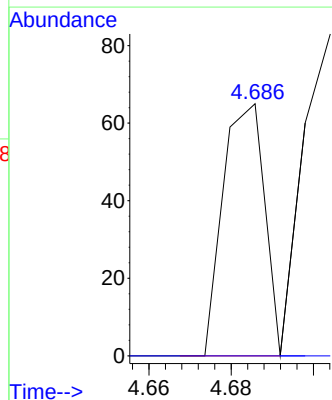
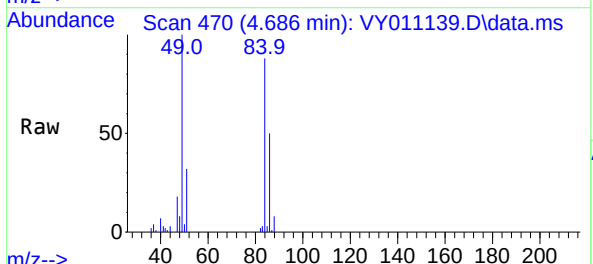
Instrument :
MSVOA_Y
ClientSampleId :
SB-9

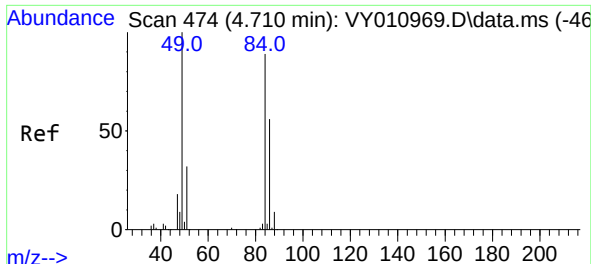
Tgt Ion: 43 Resp: 1426
Ion Ratio Lower Upper
43 100
58 26.7 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.686 min Scan# 470
Delta R.T. 0.213 min
Lab File: VY011139.D
Acq: 27 Oct 2022 15:19

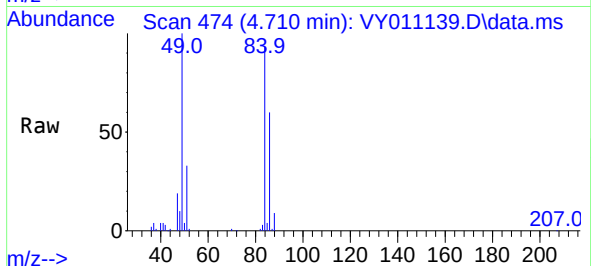
Tgt Ion: 43 Resp: 45
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



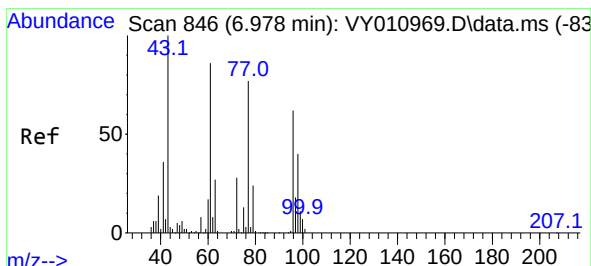
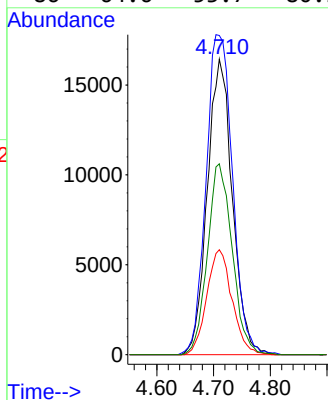
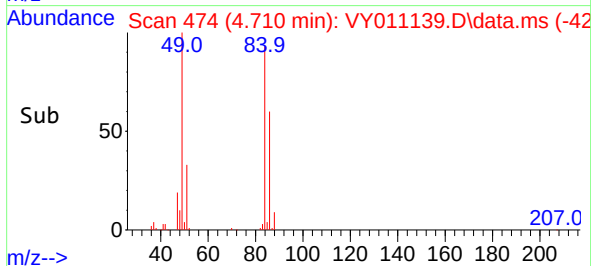


#20
Methylene Chloride
Concen: 10.216 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011139.D
Acq: 27 Oct 2022 15:19

Instrument :
MSVOA_Y
ClientSampleId :
SB-9

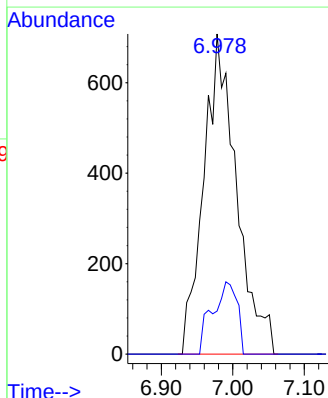
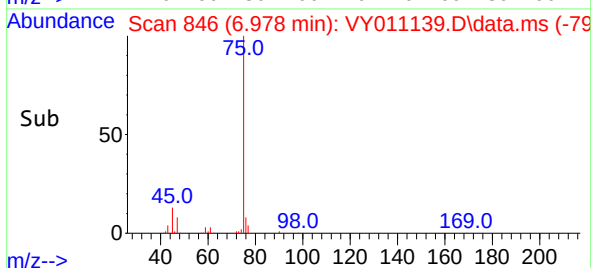
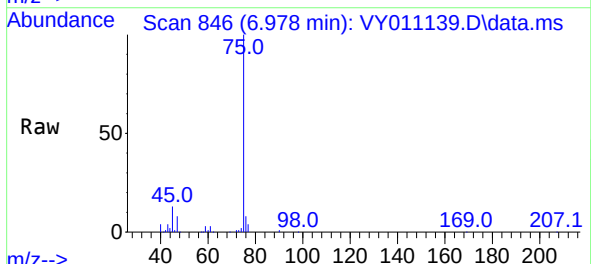


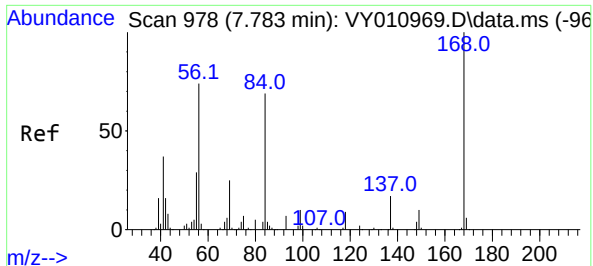
Tgt Ion: 84 Resp: 50548
Ion Ratio Lower Upper
84 100
49 108.0 114.4 171.6#
51 35.5 35.3 52.9
86 64.6 53.7 80.5



#25
2-Butanone
Concen: 1.956 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011139.D
Acq: 27 Oct 2022 15:19

Tgt Ion: 43 Resp: 2257
Ion Ratio Lower Upper
43 100
72 13.4 17.7 26.5#

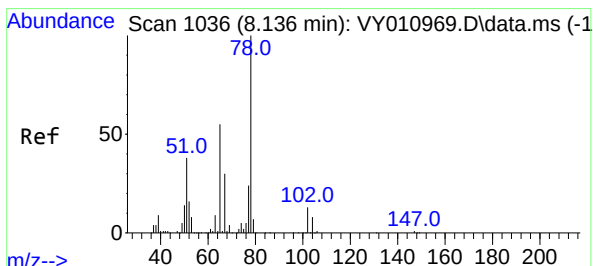
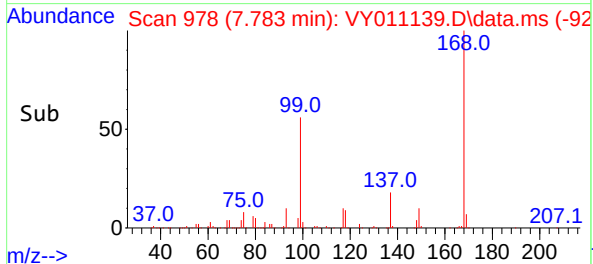
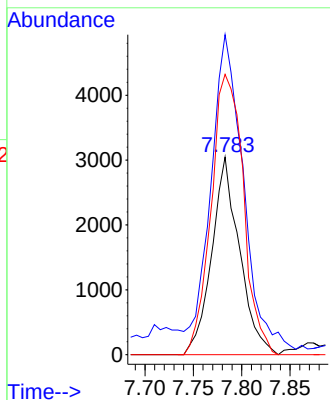
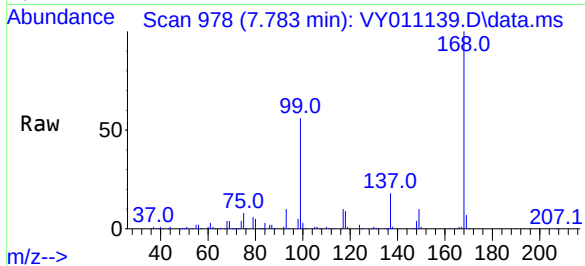




#31
Cyclohexane
Concen: 1.214 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011139.D
Acq: 27 Oct 2022 15:19

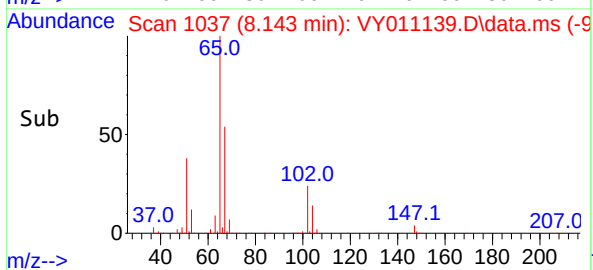
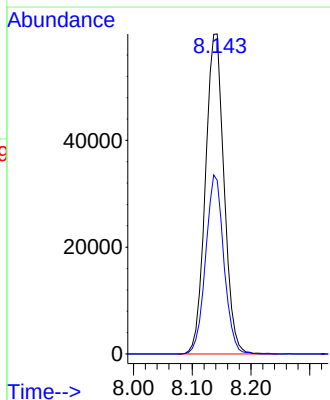
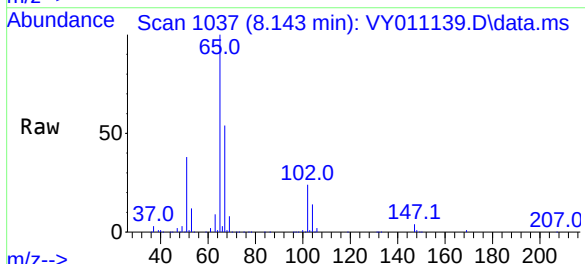
Instrument :
MSVOA_Y
ClientSampleId :
SB-9

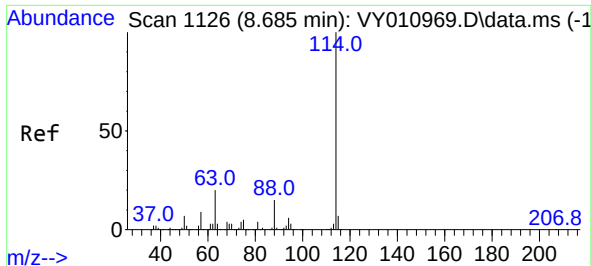
Tgt Ion: 56 Resp: 6088
Ion Ratio Lower Upper
56 100
69 150.6 26.7 40.1#
84 141.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 50.342 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY011139.D
Acq: 27 Oct 2022 15:19

Tgt Ion: 65 Resp: 131913
Ion Ratio Lower Upper
65 100
67 54.7 0.0 99.4



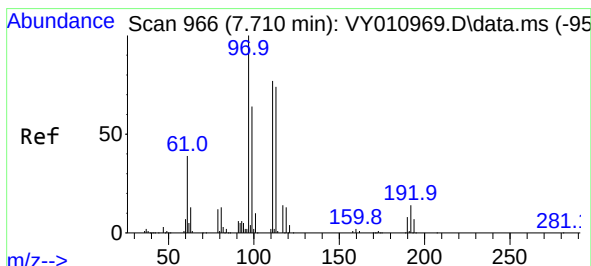
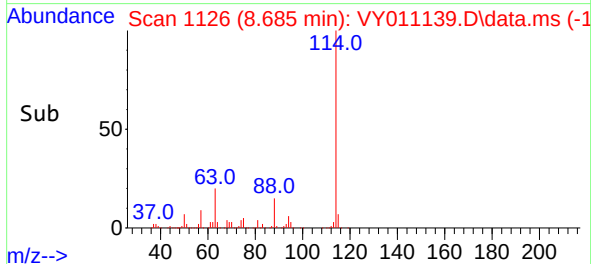
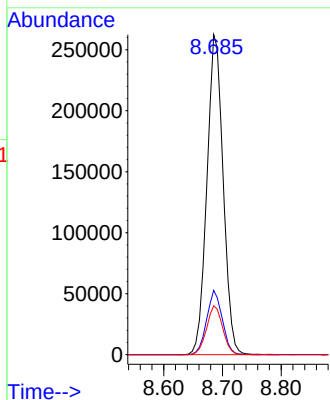
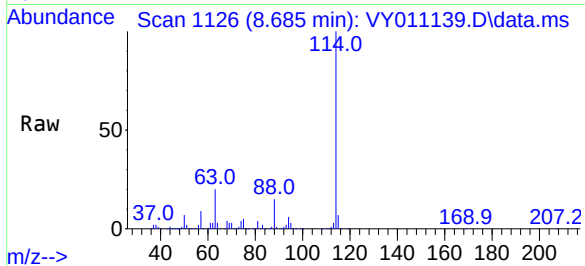


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011139.D
Acq: 27 Oct 2022 15:19

Instrument :
MSVOA_Y
ClientSampleId :
SB-9

Tgt Ion:114 Resp: 503964

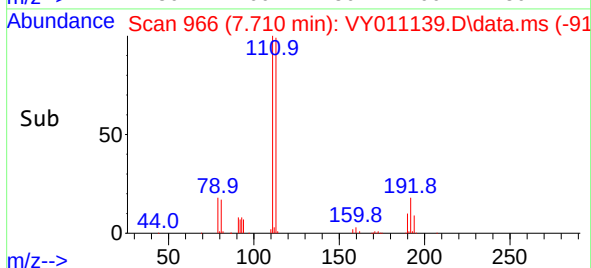
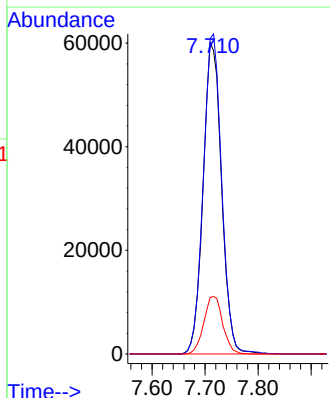
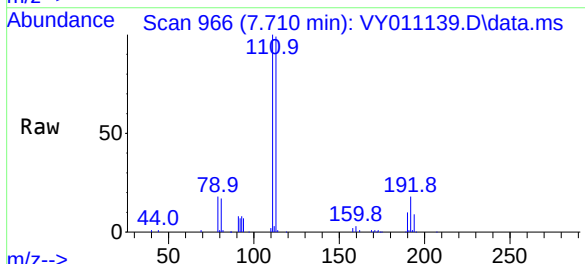
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	43.2
88	15.3	0.0	31.8

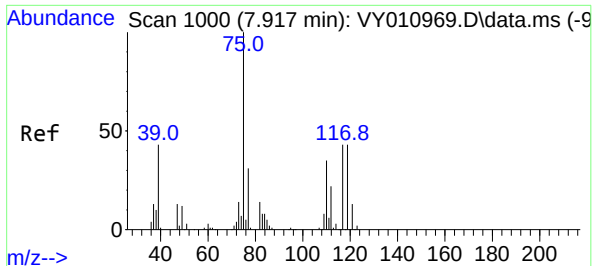


#35
Dibromofluoromethane
Concen: 51.654 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY011139.D
Acq: 27 Oct 2022 15:19

Tgt Ion:113 Resp: 144909

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	124.0
192	18.9	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.702 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY011139.D

Acq: 27 Oct 2022 15:19

Instrument :

MSVOA_Y

ClientSampleId :

SB-9

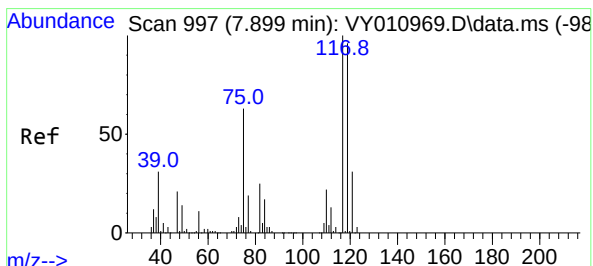
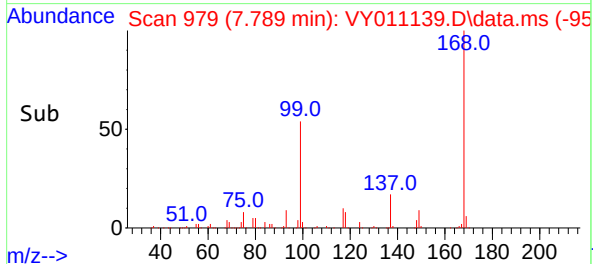
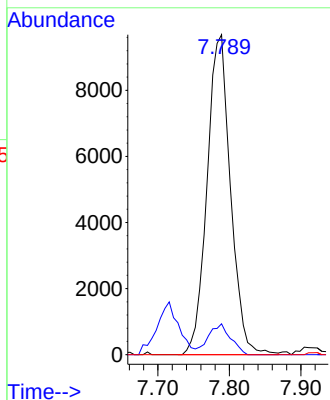
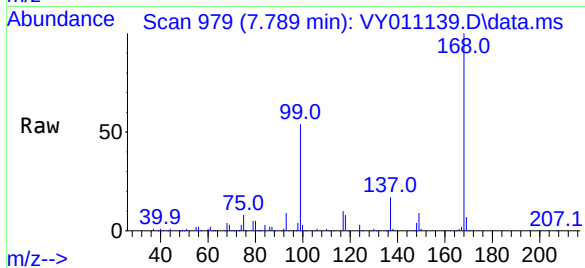
Tgt Ion: 75 Resp: 22058

Ion Ratio Lower Upper

75 100

110 9.1 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.878 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY011139.D

Acq: 27 Oct 2022 15:19

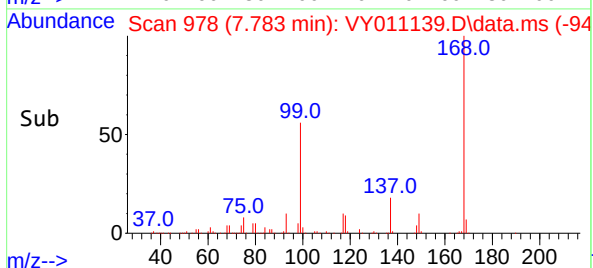
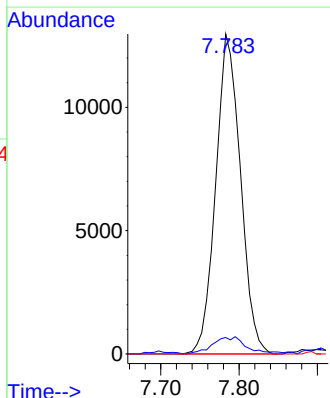
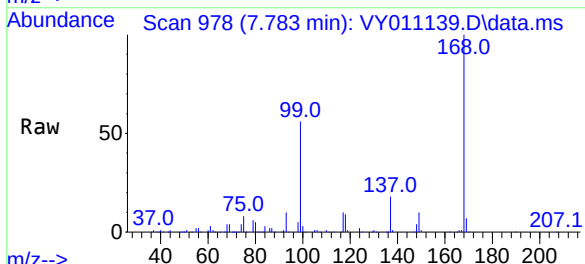
Tgt Ion: 117 Resp: 28466

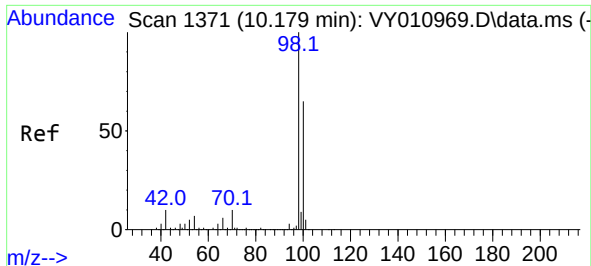
Ion Ratio Lower Upper

117 100

119 4.7 77.9 116.9#

121 0.0 24.8 37.2#

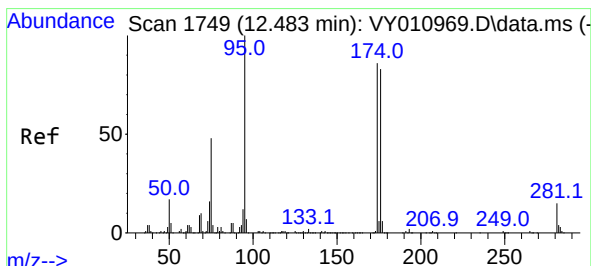
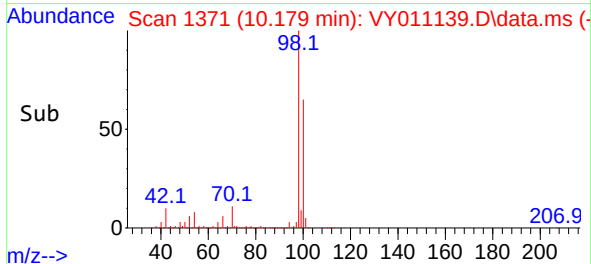
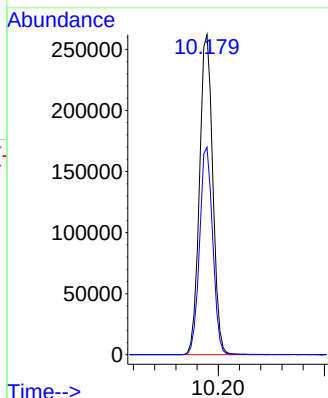
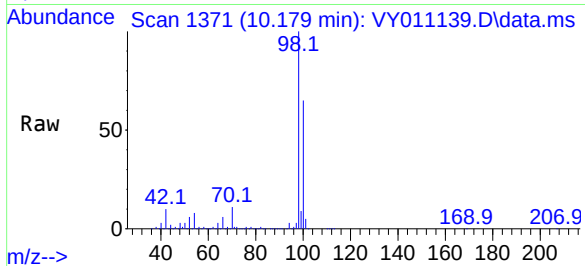




#50
Toluene-d8
Concen: 43.302 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011139.D
Acq: 27 Oct 2022 15:19

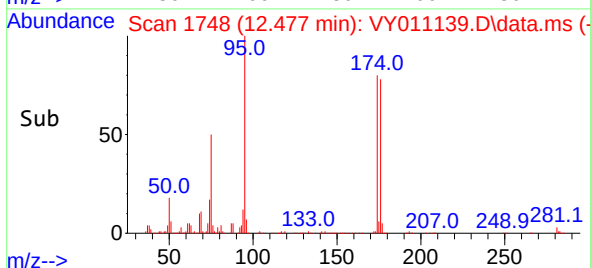
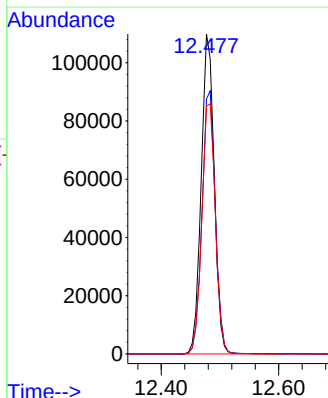
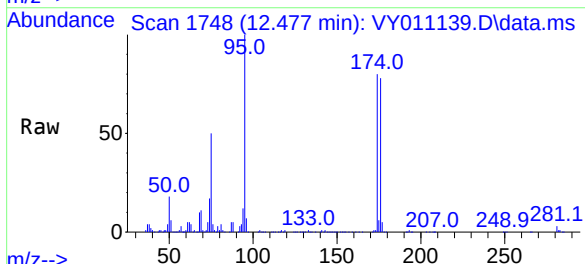
Instrument :
MSVOA_Y
ClientSampleId :
SB-9

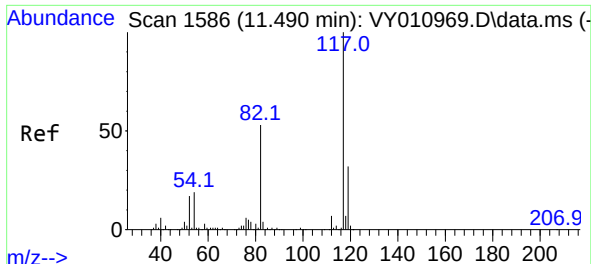
Tgt Ion: 98 Resp: 455654
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.029 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011139.D
Acq: 27 Oct 2022 15:19

Tgt Ion: 95 Resp: 168983
Ion Ratio Lower Upper
95 100
174 83.8 0.0 177.0
176 81.3 0.0 175.8

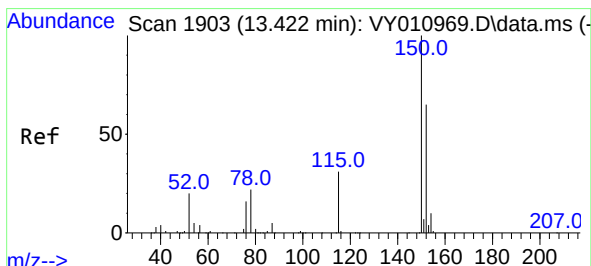
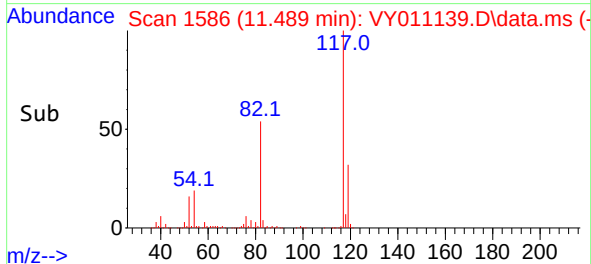
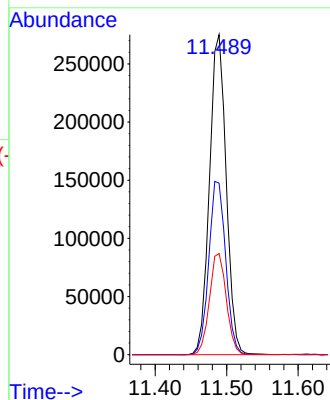
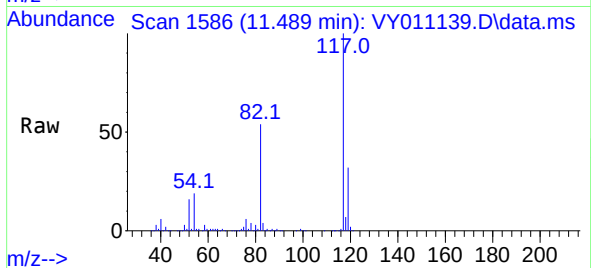




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011139.D
Acq: 27 Oct 2022 15:19

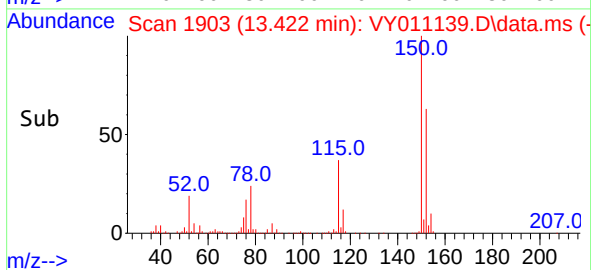
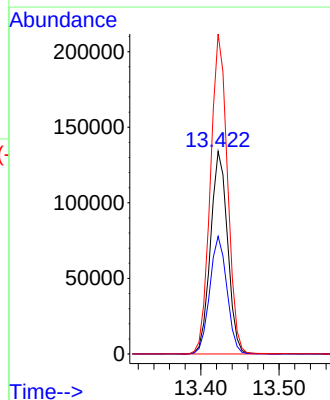
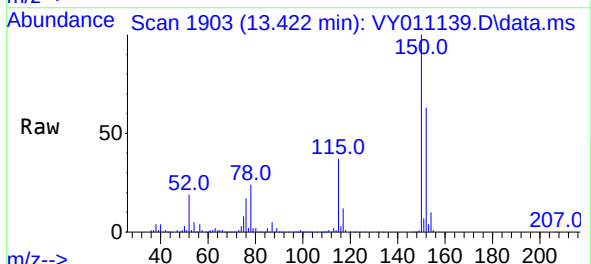
Instrument :
MSVOA_Y
ClientSampleId :
SB-9

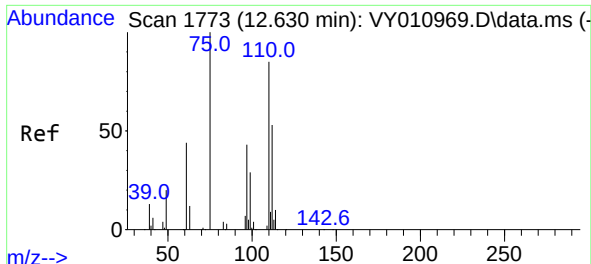
Tgt Ion:117 Resp: 446783
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011139.D
Acq: 27 Oct 2022 15:19

Tgt Ion:152 Resp: 202774
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 158.0 0.0 347.6

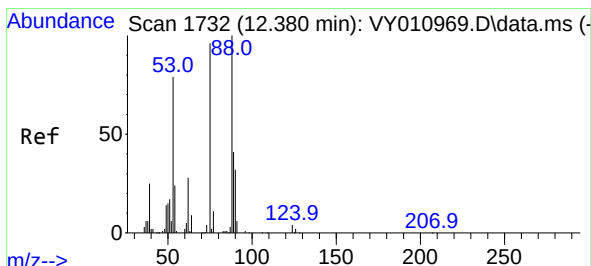
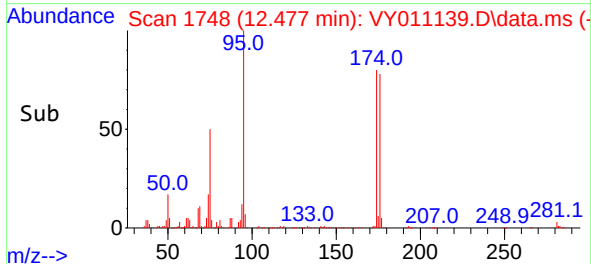
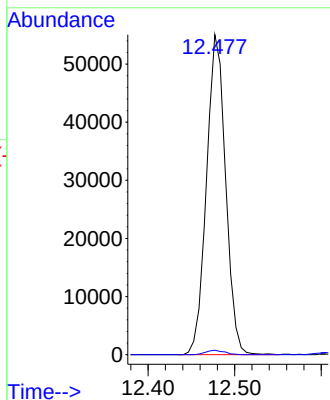
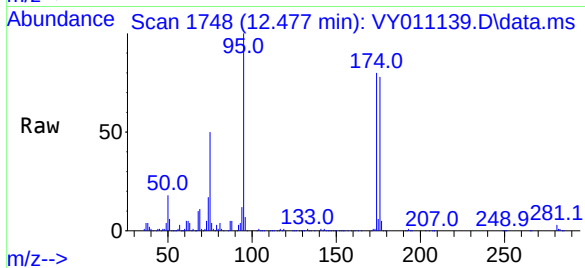




#76
1,2,3-Trichloropropane
Concen: 36.694 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY011139.D
Acq: 27 Oct 2022 15:19

Instrument :
MSVOA_Y
ClientSampleId :
SB-9

Tgt Ion: 75 Resp: 84475
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.919 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011139.D
Acq: 27 Oct 2022 15:19

Tgt Ion: 75 Resp: 84475
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

