

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102722\
 Data File : VY011142.D
 Acq On : 27 Oct 2022 16:27
 Operator : KP/MD
 Sample : N5281-12RE
 Misc : 4.25g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11RE

Quant Time: Oct 28 00:47:38 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)

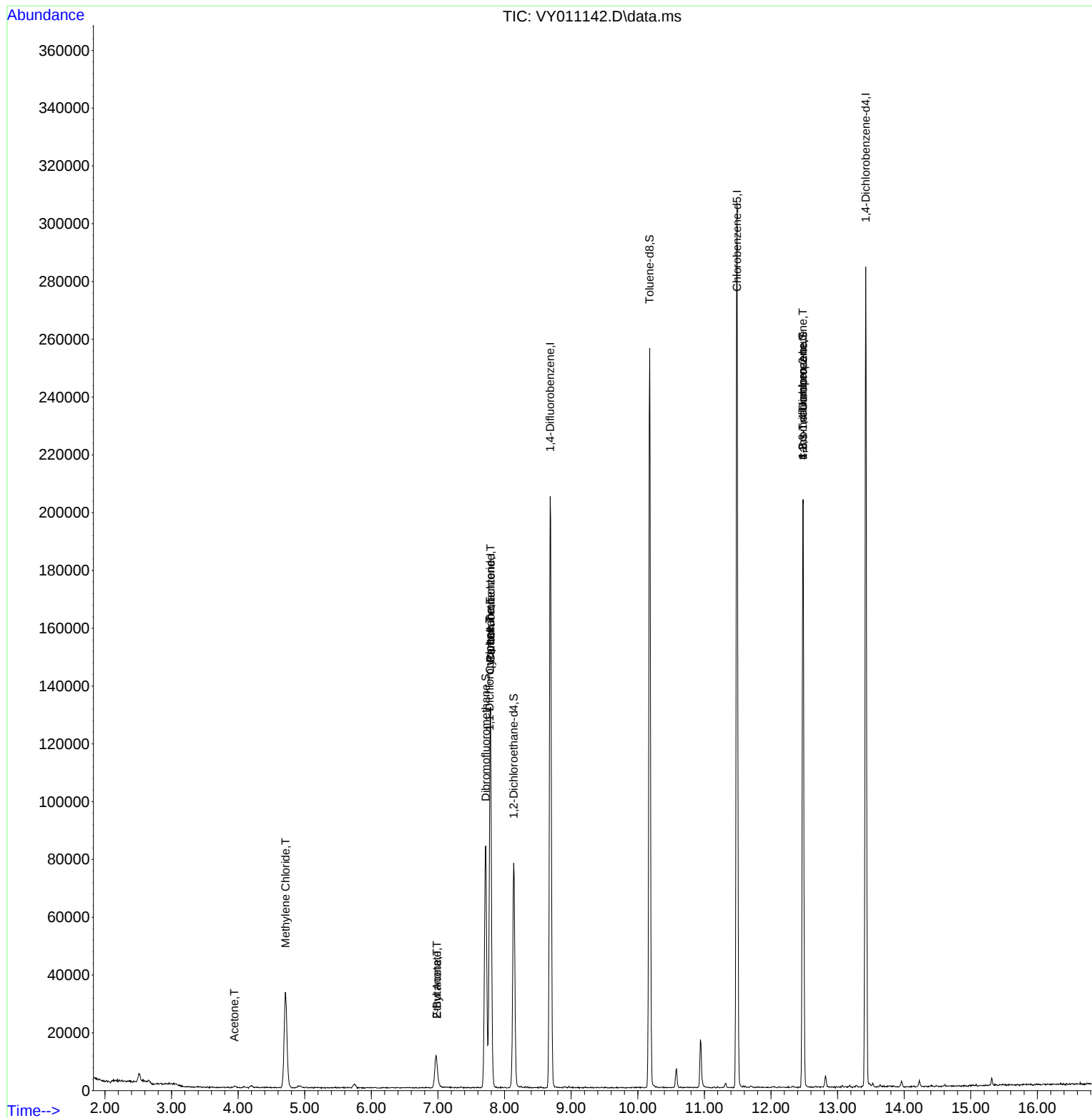
Internal Standards						
1) Pentafluorobenzene	7.789	168	102228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	179531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	170763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	75764	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	58921	62.571	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.140%	
35) Dibromofluoromethane	7.716	113	60265	60.680	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.360%	
50) Toluene-d8	10.179	98	173049	46.164	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.320%	
62) 4-Bromofluorobenzene	12.477	95	64028	48.102	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.200%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	816	Below Cal	#	77
16) Acetone	3.942	43	899	3.288	ug/l	100
18) Methyl Acetate	4.710	43	31	Below Cal	#	56
20) Methylene Chloride	4.710	84	25595	17.352	ug/l	# 84
25) 2-Butanone	6.984	43	1008	2.431	ug/l	96
31) Cyclohexane	7.783	56	2052	1.139	ug/l	# 1
36) 1,1-Dichloropropene	7.777	75	7630	4.565	ug/l	# 52
37) Ethyl Acetate	6.984	43	1008	1.089	ug/l	# 25
38) Carbon Tetrachloride	7.789	117	9953	5.769	ug/l	# 17
76) 1,2,3-Trichloropropane	12.477	75	31969	37.166	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	31969	79.934	ug/l	# 7

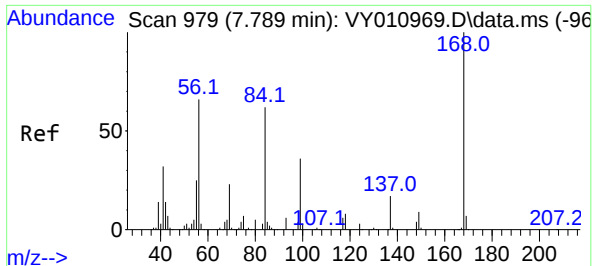
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 18 01:42:42 2022
Response via : Initial Calibration

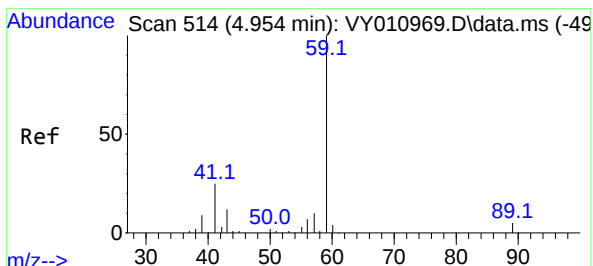
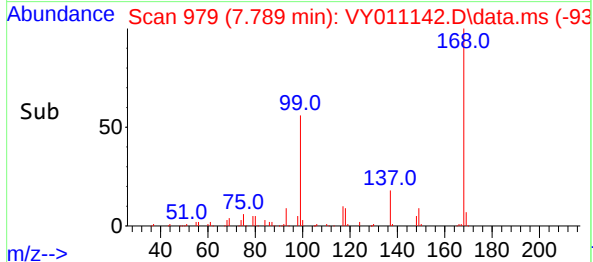
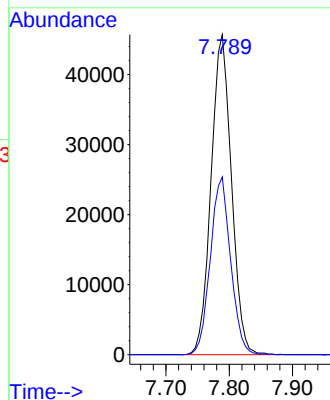
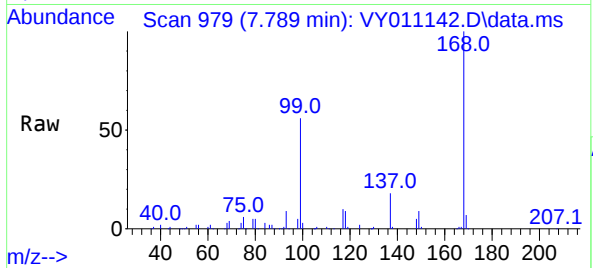




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011142.D
Acq: 27 Oct 2022 16:27

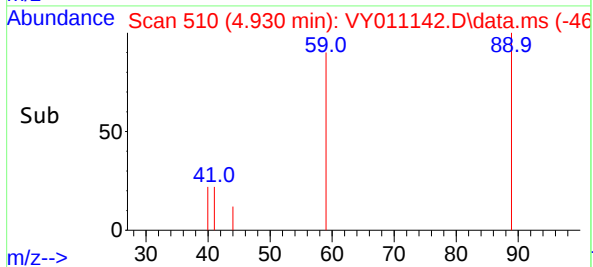
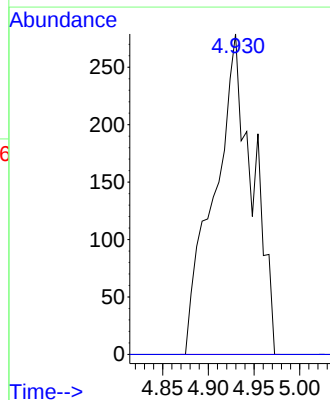
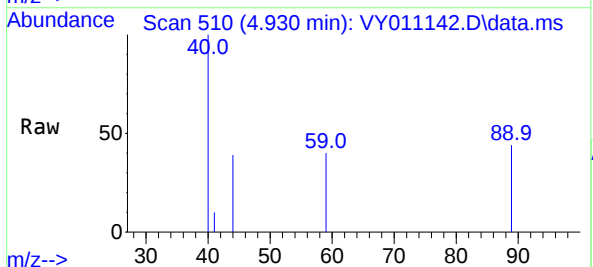
Instrument :
MSVOA_Y
ClientSampleId :
SB-11RE

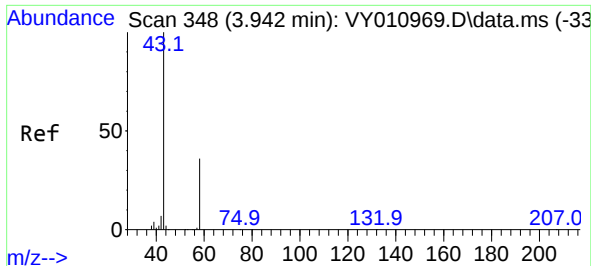
Tgt Ion:168 Resp: 102228
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.024 min
Lab File: VY011142.D
Acq: 27 Oct 2022 16:27

Tgt Ion: 59 Resp: 816
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

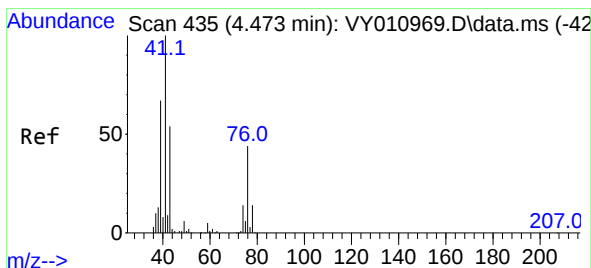
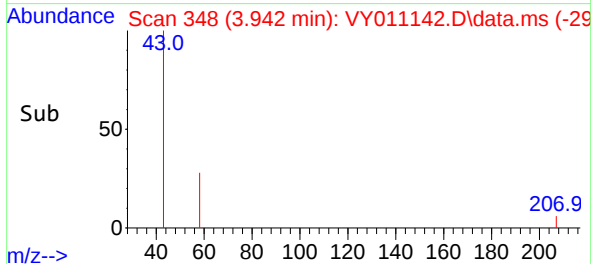
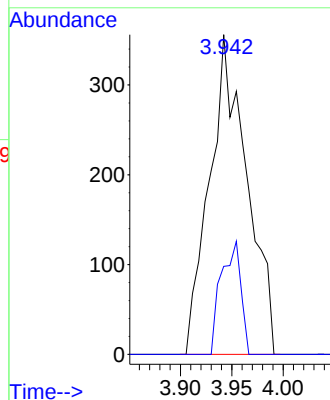
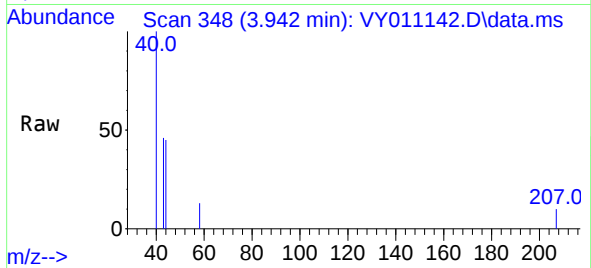




#16
Acetone
Concen: 3.288 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011142.D
Acq: 27 Oct 2022 16:27

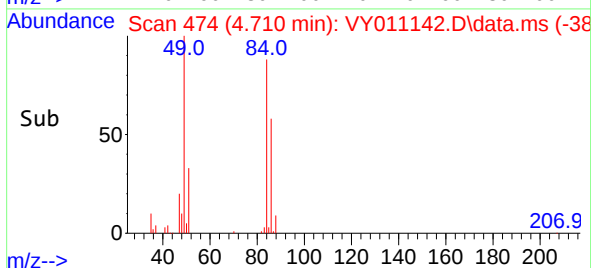
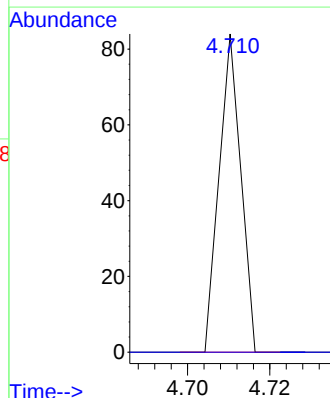
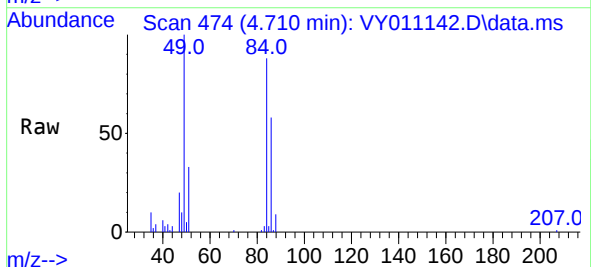
Instrument :
MSVOA_Y
ClientSampleId :
SB-11RE

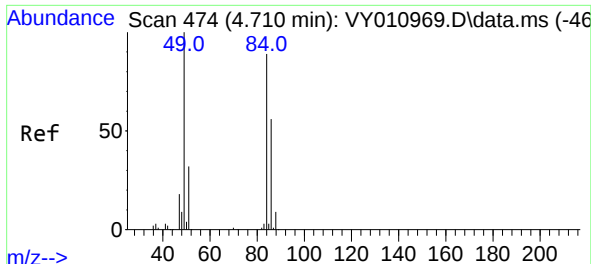
Tgt Ion: 43 Resp: 899
Ion Ratio Lower Upper
43 100
58 27.5 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.237 min
Lab File: VY011142.D
Acq: 27 Oct 2022 16:27

Tgt Ion: 43 Resp: 31
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



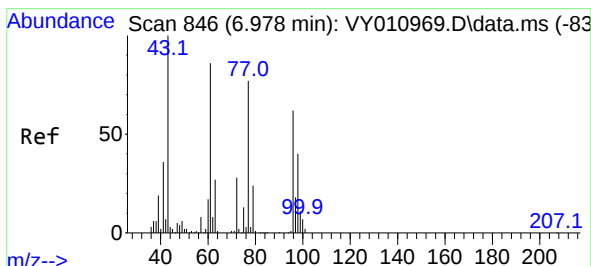
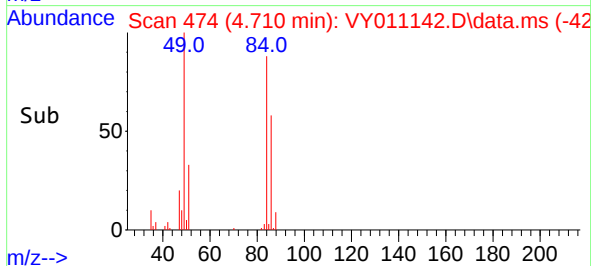
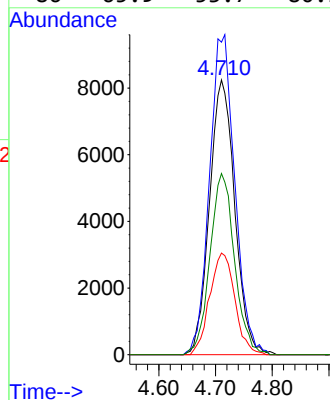
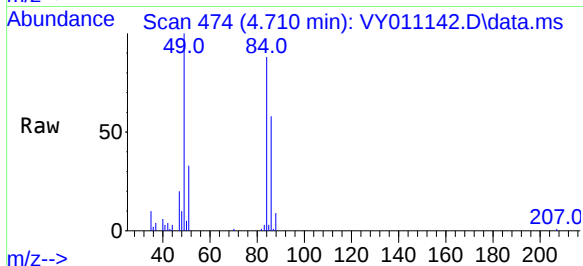


#20
Methylene Chloride
Concen: 17.352 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011142.D
Acq: 27 Oct 2022 16:27

Instrument :
MSVOA_Y
ClientSampleId :
SB-11RE

Tgt Ion: 84 Resp: 25595

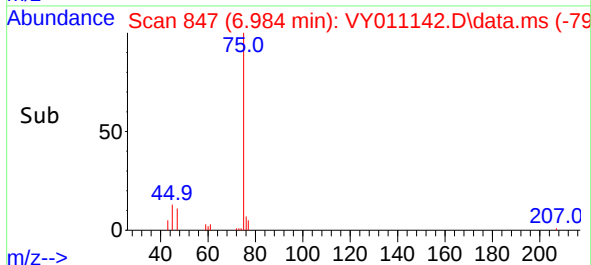
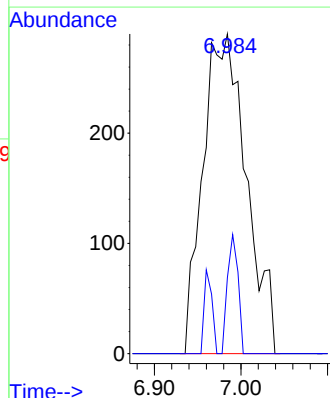
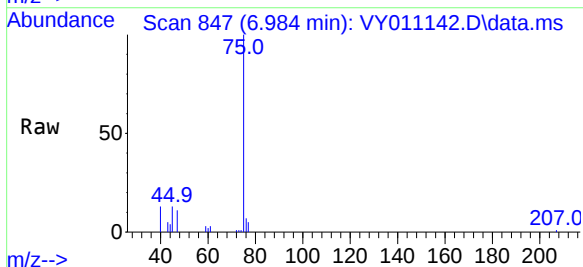
Ion	Ratio	Lower	Upper
84	100		
49	113.8	114.4	171.6#
51	37.0	35.3	52.9
86	65.9	53.7	80.5

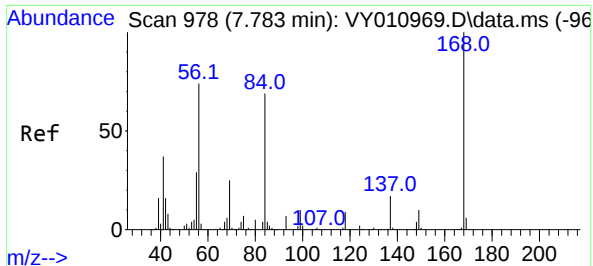


#25
2-Butanone
Concen: 2.431 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY011142.D
Acq: 27 Oct 2022 16:27

Tgt Ion: 43 Resp: 1008

Ion	Ratio	Lower	Upper
43	100		
72	23.8	17.7	26.5

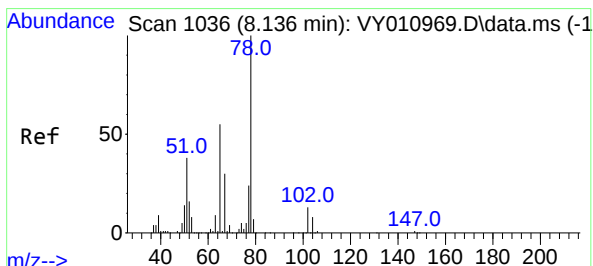
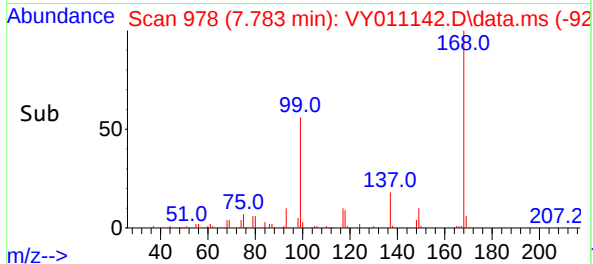
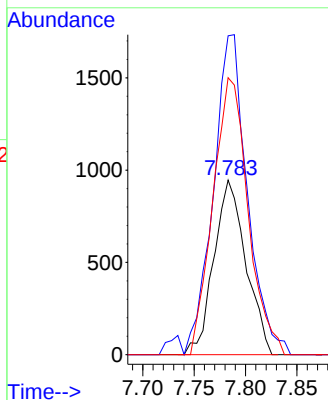
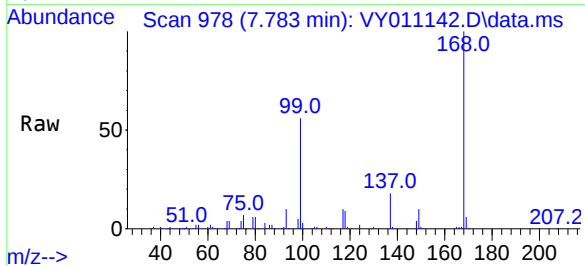




#31
Cyclohexane
Concen: 1.139 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011142.D
Acq: 27 Oct 2022 16:27

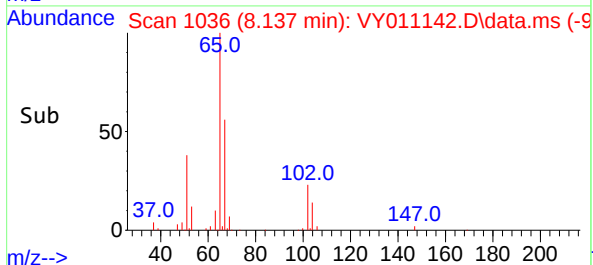
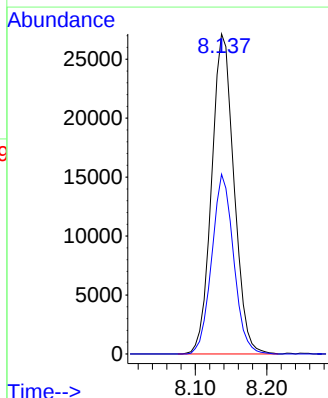
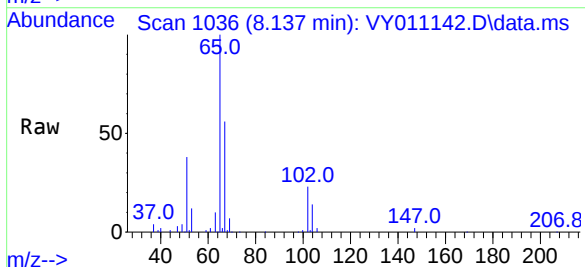
Instrument :
MSVOA_Y
ClientSampleId :
SB-11RE

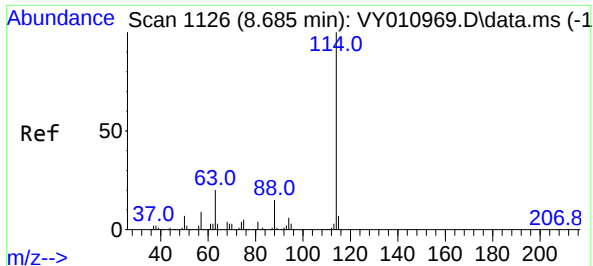
Tgt Ion: 56 Resp: 2052
Ion Ratio Lower Upper
56 100
69 174.4 26.7 40.1#
84 158.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 62.571 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY011142.D
Acq: 27 Oct 2022 16:27

Tgt Ion: 65 Resp: 58921
Ion Ratio Lower Upper
65 100
67 54.8 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: VY011142.D

Acq: 27 Oct 2022 16:27

Instrument :

MSVOA_Y

ClientSampleId :

SB-11RE

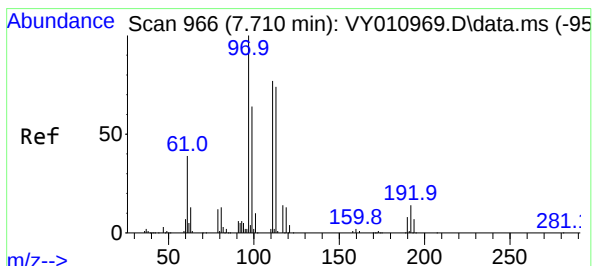
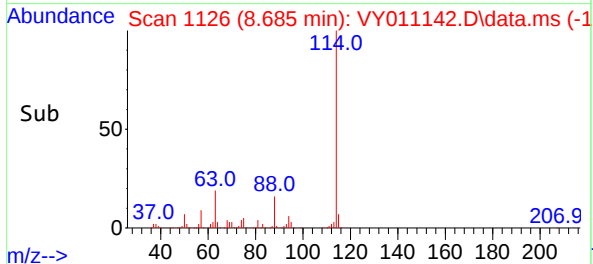
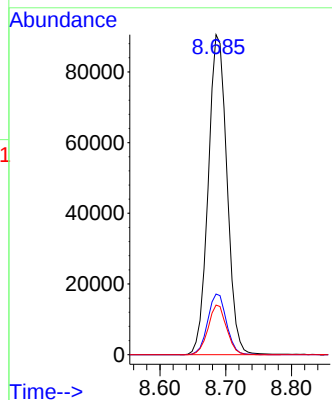
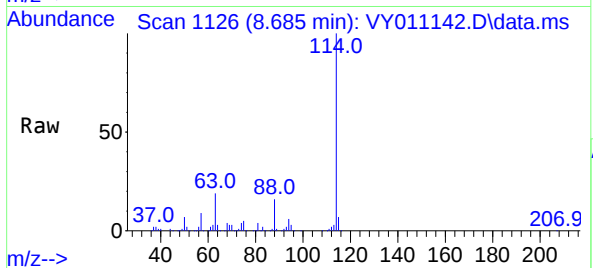
Tgt Ion:114 Resp: 179531

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 60.680 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011142.D

Acq: 27 Oct 2022 16:27

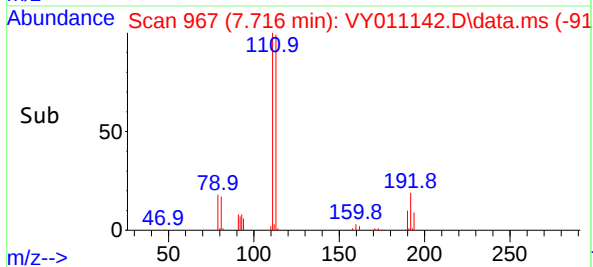
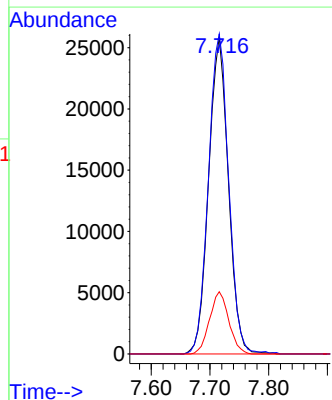
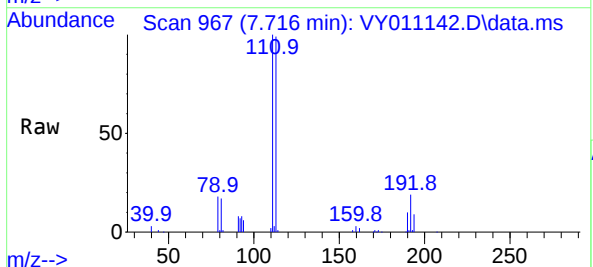
Tgt Ion:113 Resp: 60265

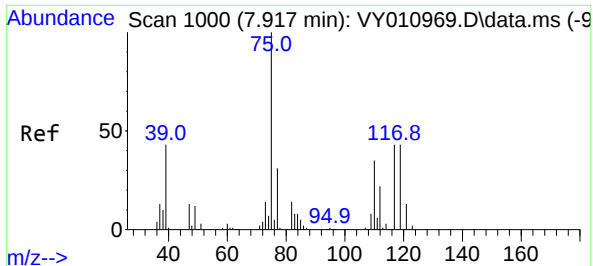
Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 19.1 17.6 26.4

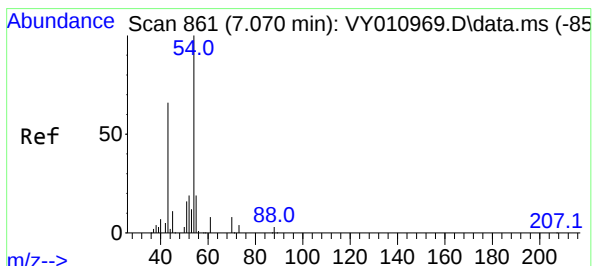
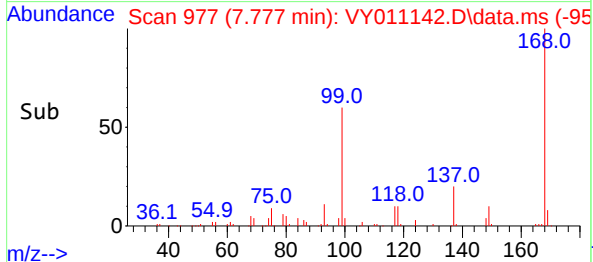
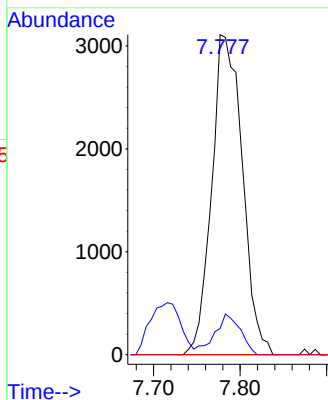
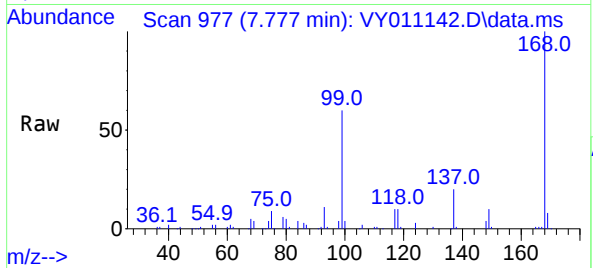




#36
1,1-Dichloropropene
Concen: 4.565 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.140 min
Lab File: VY011142.D
Acq: 27 Oct 2022 16:27

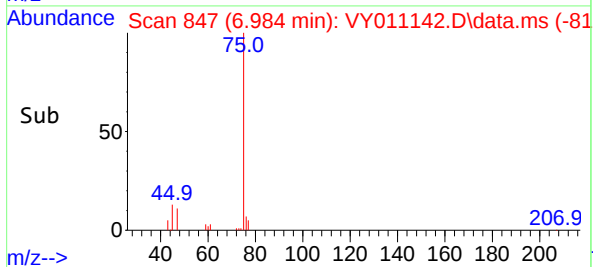
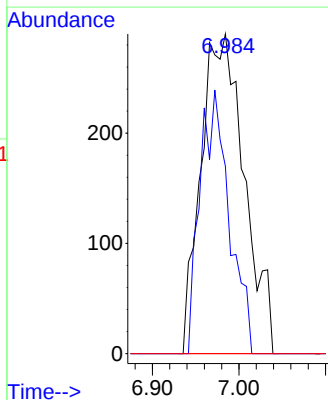
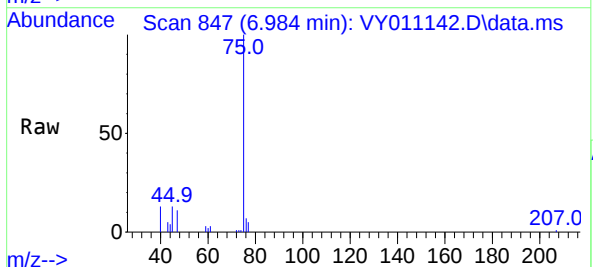
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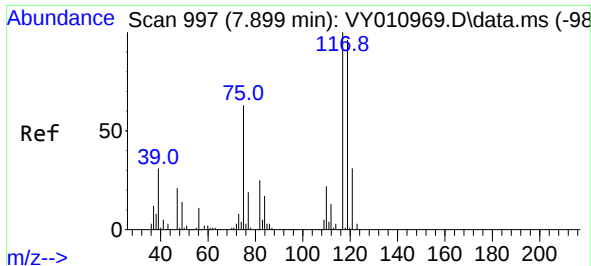
Tgt Ion: 75 Resp: 7630
Ion Ratio Lower Upper
75 100
110 10.3 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.089 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.086 min
Lab File: VY011142.D
Acq: 27 Oct 2022 16:27

Tgt Ion: 43 Resp: 1008
Ion Ratio Lower Upper
43 100
61 56.0 9.7 14.5#
70 0.0 7.1 10.7#

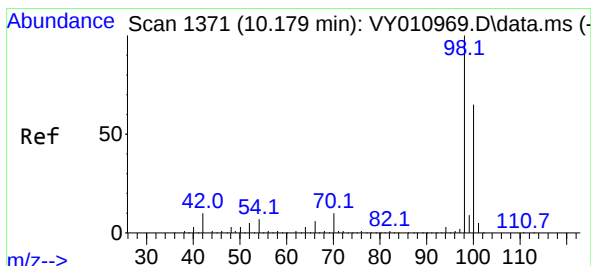
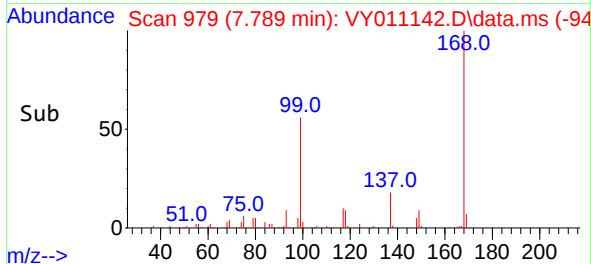
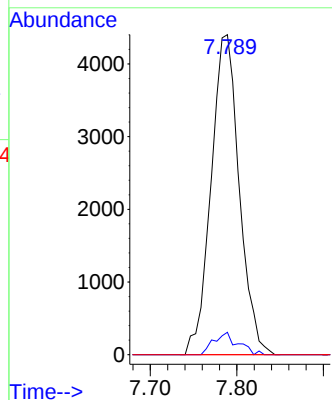
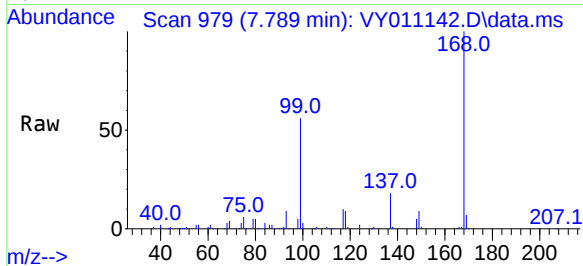




#38
Carbon Tetrachloride
Concen: 5.769 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011142.D
Acq: 27 Oct 2022 16:27

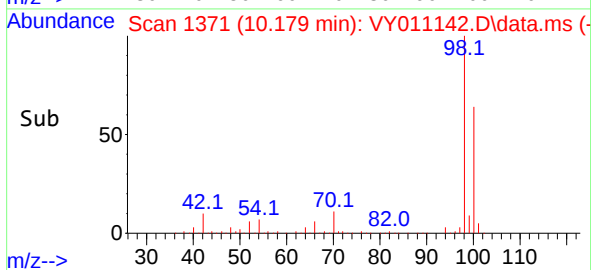
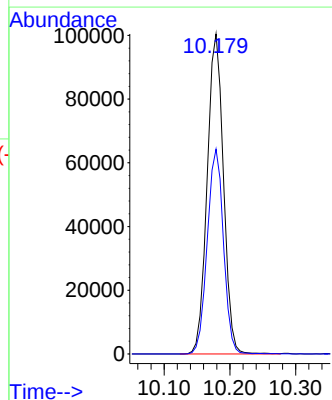
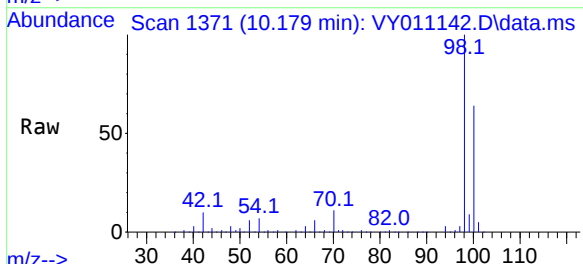
Instrument :
MSVOA_Y
ClientSampleId :
SB-11RE

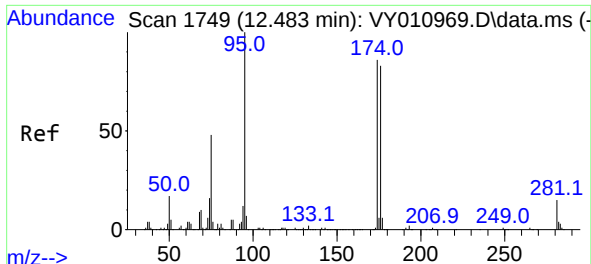
Tgt Ion:117 Resp: 9953
Ion Ratio Lower Upper
117 100
119 7.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 46.164 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011142.D
Acq: 27 Oct 2022 16:27

Tgt Ion: 98 Resp: 173049
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2

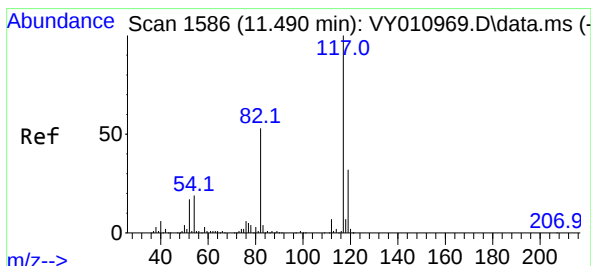
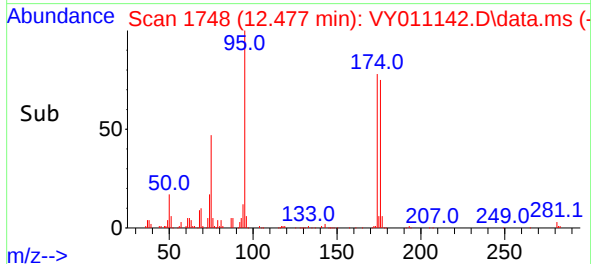
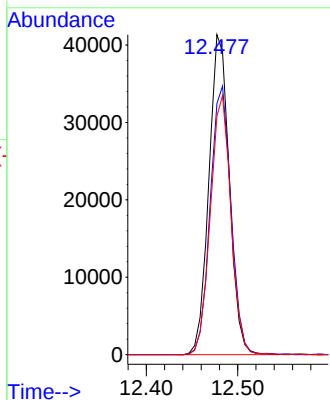
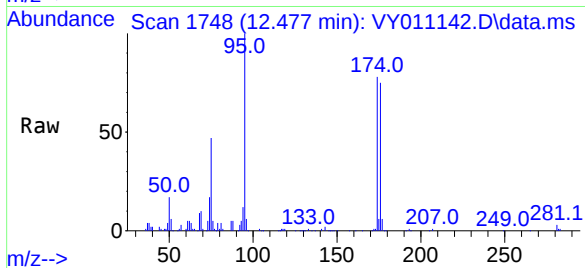




#62
4-Bromofluorobenzene
Concen: 48.102 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011142.D
Acq: 27 Oct 2022 16:27

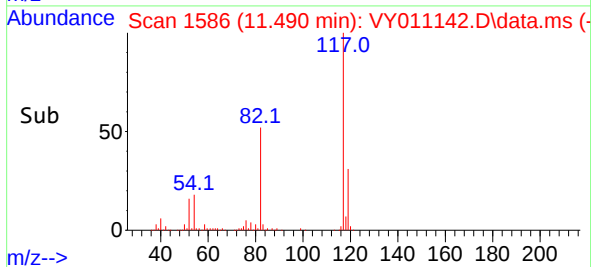
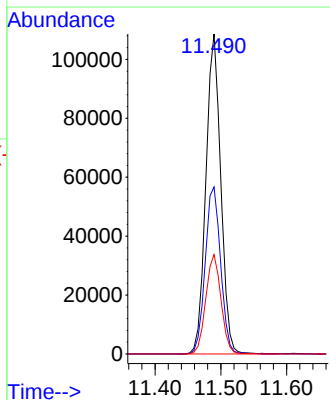
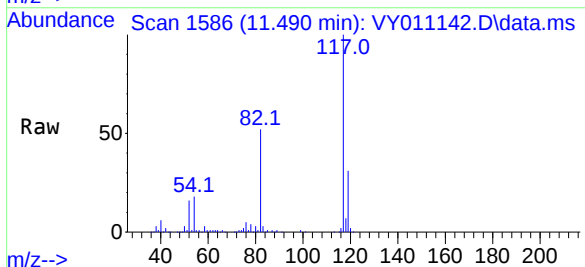
Instrument :
MSVOA_Y
ClientSampleId :
SB-11RE

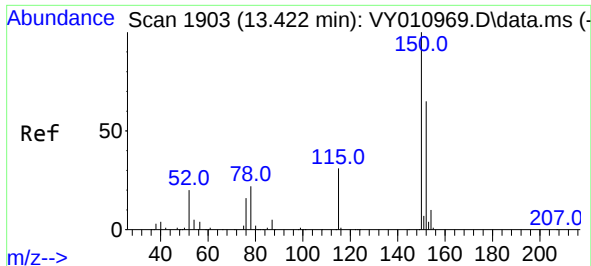
Tgt Ion: 95 Resp: 64028
Ion Ratio Lower Upper
95 100
174 85.7 0.0 177.0
176 81.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011142.D
Acq: 27 Oct 2022 16:27

Tgt Ion: 117 Resp: 170763
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 31.0 25.4 38.0

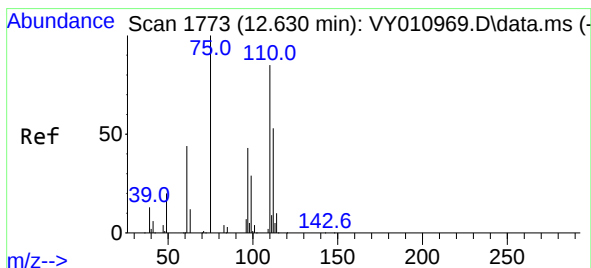
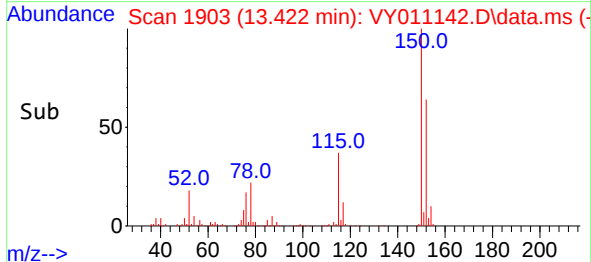
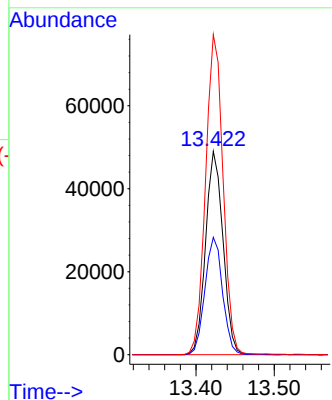
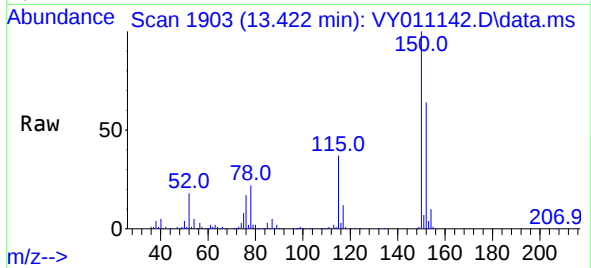




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011142.D
Acq: 27 Oct 2022 16:27

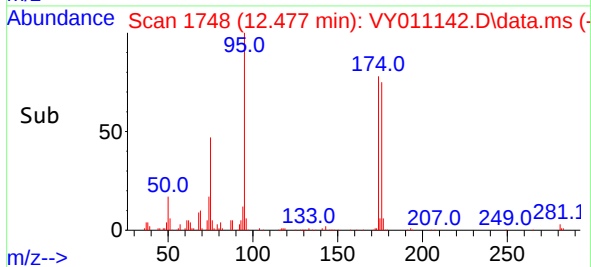
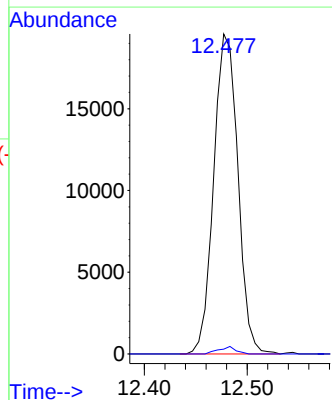
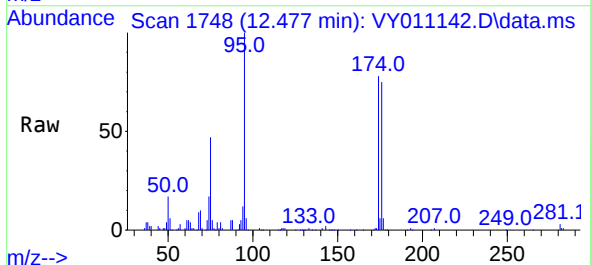
Instrument :
MSVOA_Y
ClientSampleId :
SB-11RE

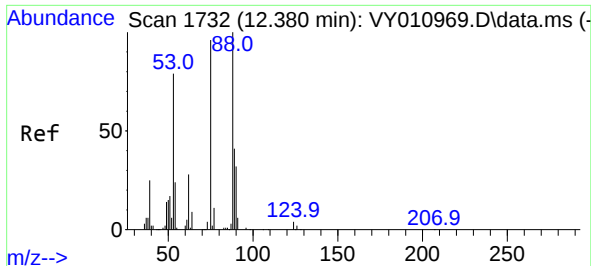
Tgt Ion:152 Resp: 75764
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 157.3 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 37.166 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011142.D
Acq: 27 Oct 2022 16:27

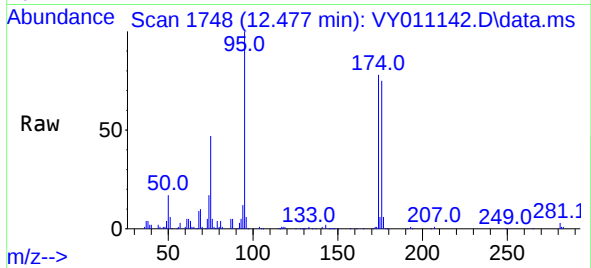
Tgt Ion: 75 Resp: 31969
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.934 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY011142.D
 Acq: 27 Oct 2022 16:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11RE



Tgt Ion: 75 Resp: 31969

Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.0	37.0	55.4#

