

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
 Data File : VY011337.D
 Acq On : 07 Nov 2022 16:03
 Operator : KP/MD
 Sample : N5495-08
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-29B

Quant Time: Nov 08 03:29:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

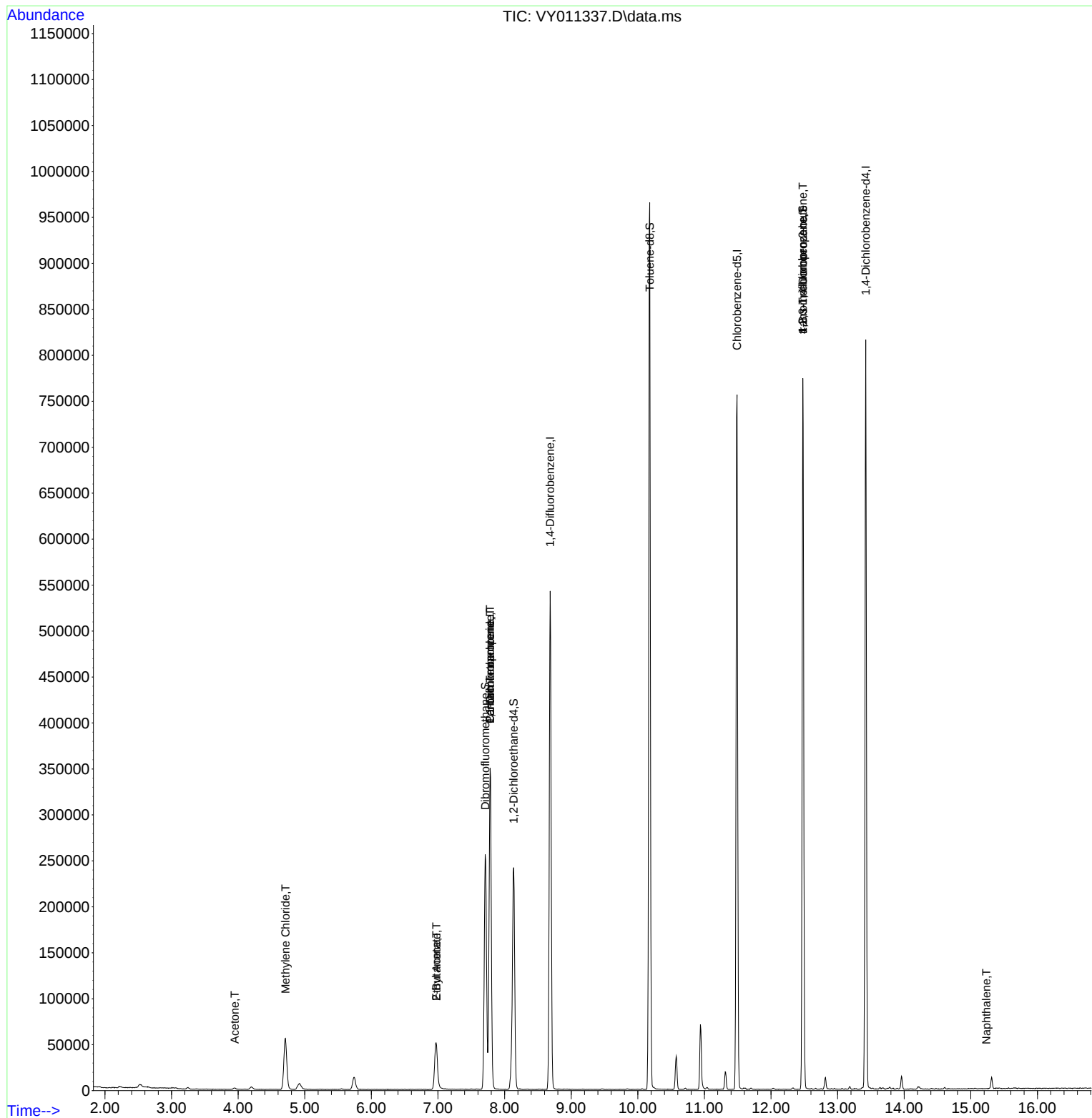
Internal Standards						
1) Pentafluorobenzene	7.783	168	283873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	484723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	439875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	210618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	178670	58.850	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.700%	
35) Dibromofluoromethane	7.710	113	188420	60.501	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.000%	
50) Toluene-d8	10.179	98	653295	54.029	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.060%	
62) 4-Bromofluorobenzene	12.477	95	235470	56.094	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.180%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	307	Below Cal	#	43
11) Tert butyl alcohol	4.924	59	7124	Below Cal	#	77
16) Acetone	3.948	43	2628	2.868	ug/l	98
20) Methylene Chloride	4.710	84	45310	7.850	ug/l #	80
25) 2-Butanone	6.978	43	3110	2.412	ug/l #	88
36) 1,1-Dichloropropene	7.783	75	20233	3.978	ug/l #	51
37) Ethyl Acetate	6.978	43	3110	1.134	ug/l #	1
38) Carbon Tetrachloride	7.783	117	27724	5.254	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	114134	44.512	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	114134	95.262	ug/l #	7
95) Naphthalene	15.233	128	320	4.000	ug/l #	69

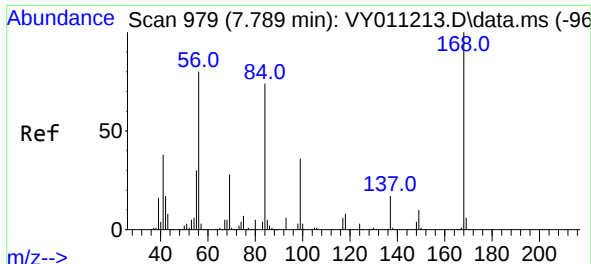
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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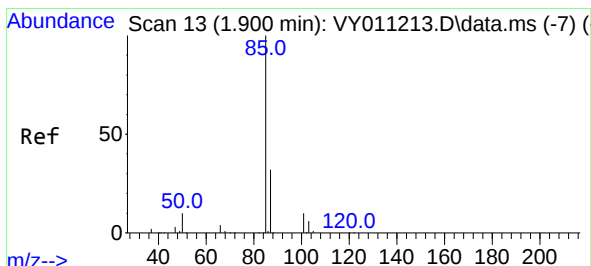
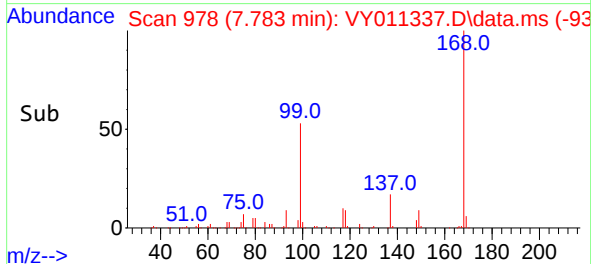
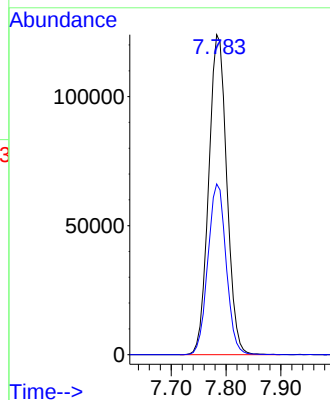
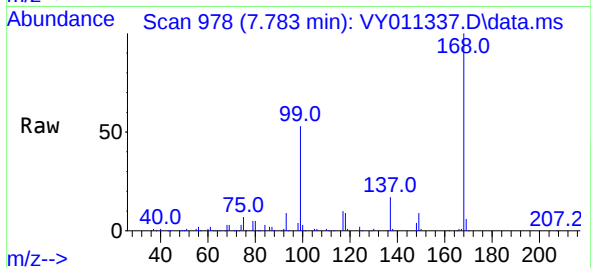




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011337.D
Acq: 07 Nov 2022 16:03

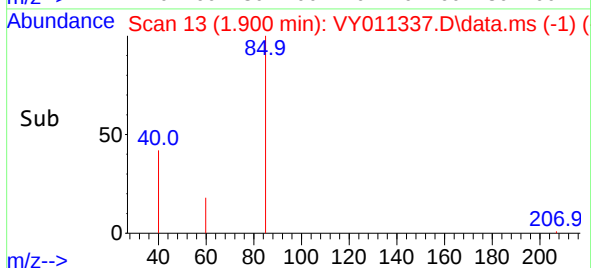
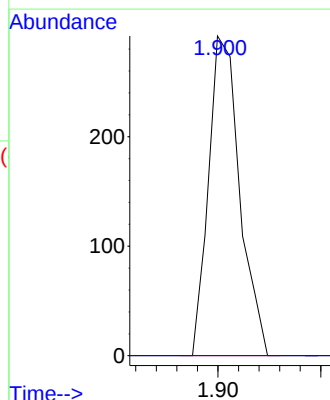
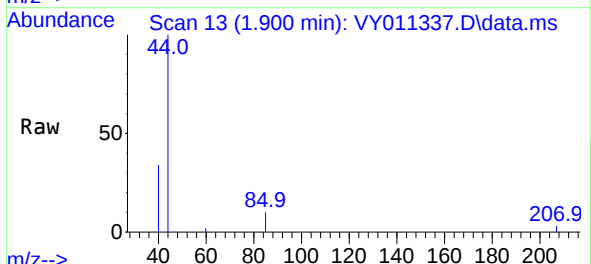
Instrument :
MSVOA_Y
ClientSampleId :
SB-29B

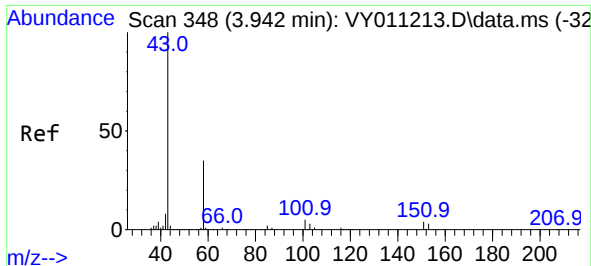
Tgt Ion:168 Resp: 283873
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011337.D
Acq: 07 Nov 2022 16:03

Tgt Ion: 85 Resp: 307
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

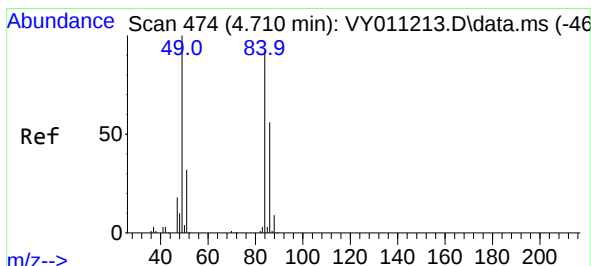
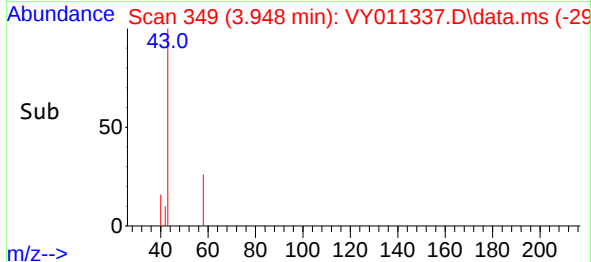
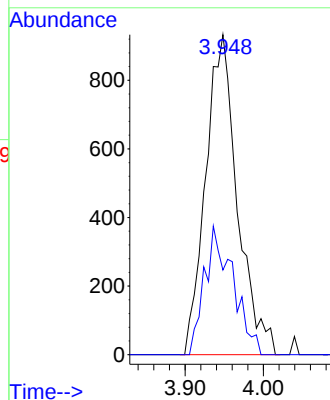
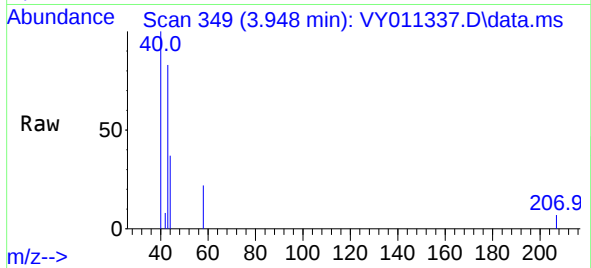




#16
Acetone
Concen: 2.868 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY011337.D
Acq: 07 Nov 2022 16:03

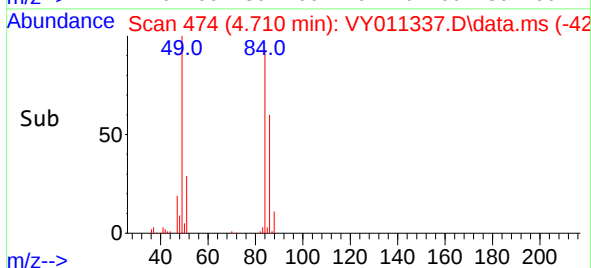
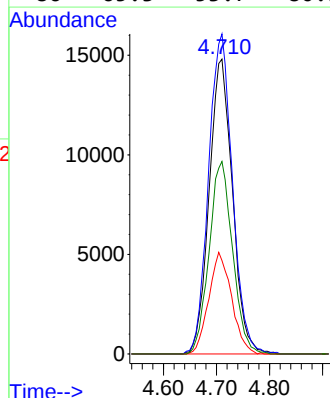
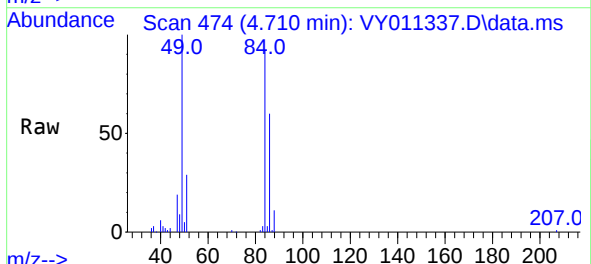
Instrument :
MSVOA_Y
ClientSampleId :
SB-29B

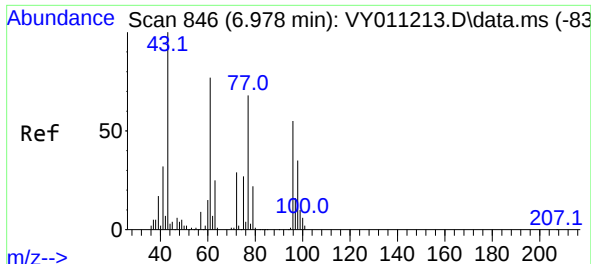
Tgt Ion: 43 Resp: 2628
Ion Ratio Lower Upper
43 100
58 26.5 22.0 33.0



#20
Methylene Chloride
Concen: 7.850 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011337.D
Acq: 07 Nov 2022 16:03

Tgt Ion: 84 Resp: 45310
Ion Ratio Lower Upper
84 100
49 108.5 114.4 171.6#
51 31.7 35.3 52.9#
86 65.3 53.7 80.5

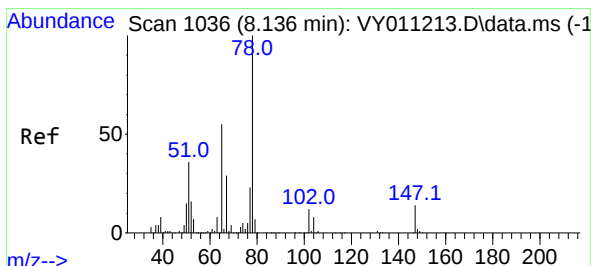
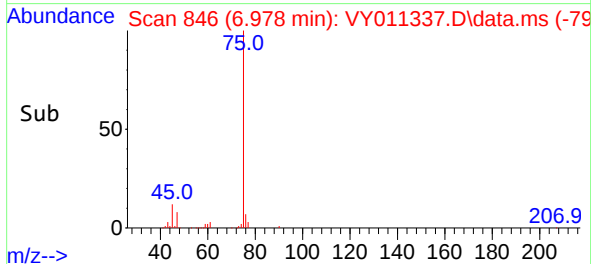
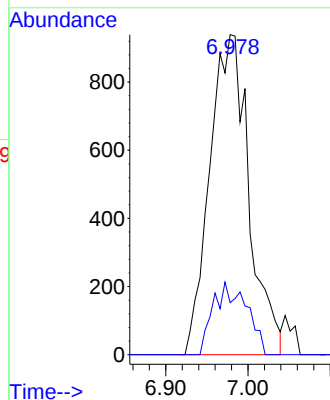
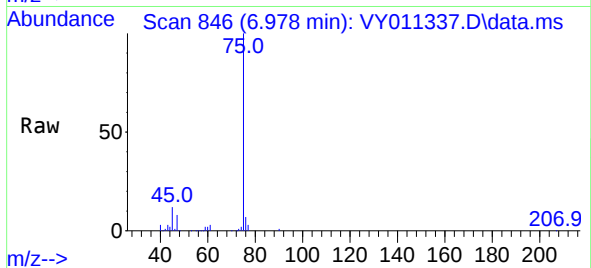




#25
2-Butanone
Concen: 2.412 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011337.D
Acq: 07 Nov 2022 16:03

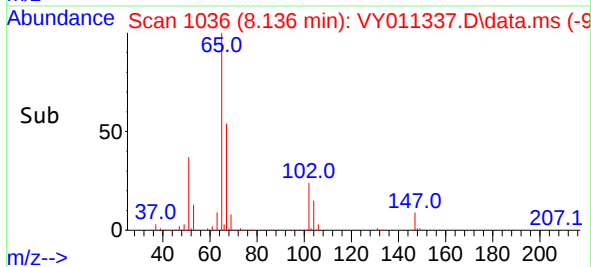
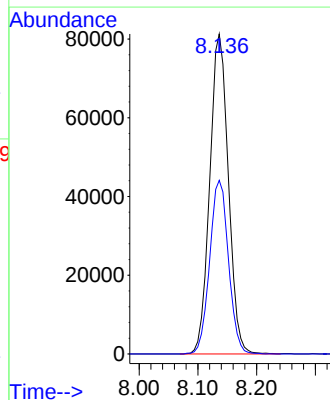
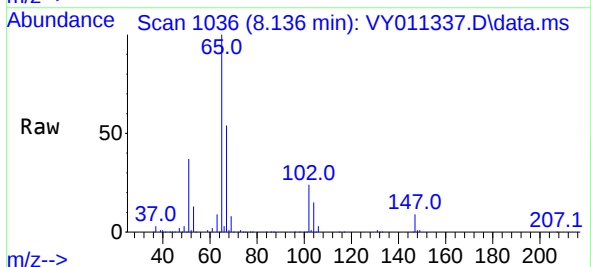
Instrument :
MSVOA_Y
ClientSampleId :
SB-29B

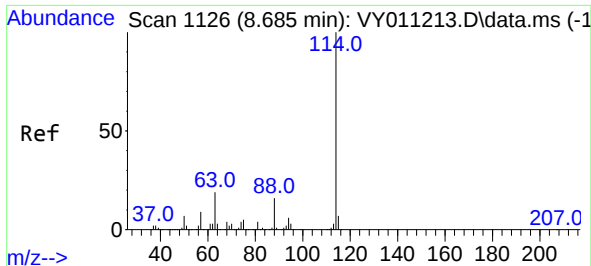
Tgt Ion: 43 Resp: 3110
Ion Ratio Lower Upper
43 100
72 16.3 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 58.850 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011337.D
Acq: 07 Nov 2022 16:03

Tgt Ion: 65 Resp: 178670
Ion Ratio Lower Upper
65 100
67 54.9 0.0 99.4



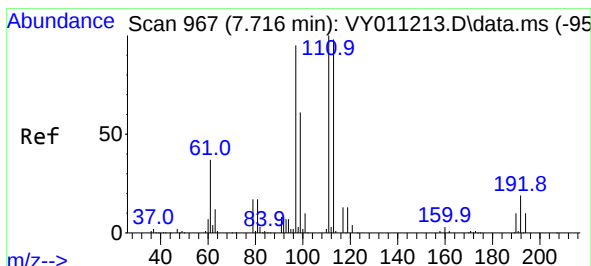
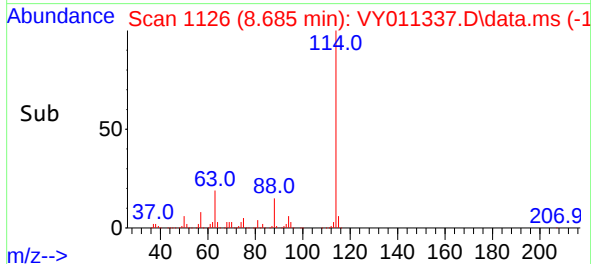
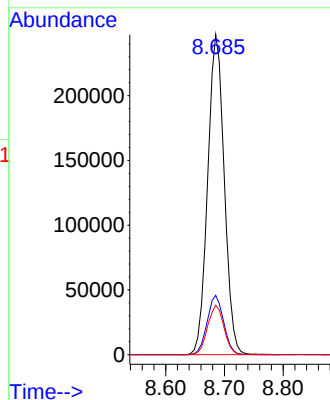
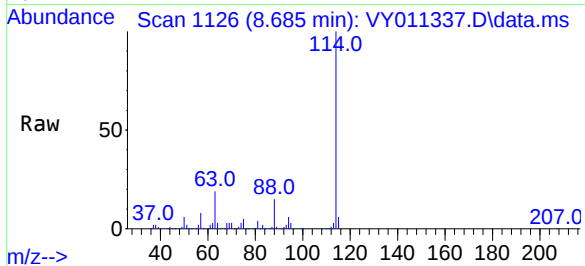


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011337.D
Acq: 07 Nov 2022 16:03

Instrument :
MSVOA_Y
ClientSampleId :
SB-29B

Tgt Ion:114 Resp: 484723

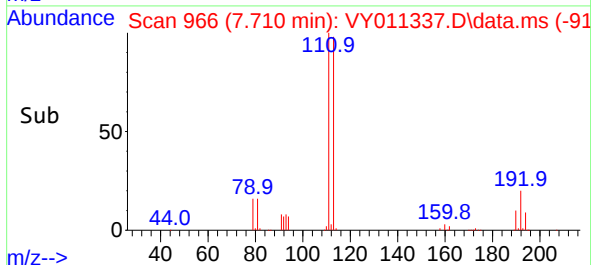
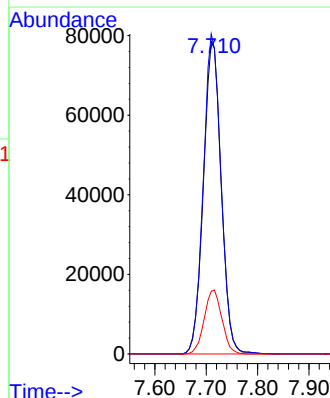
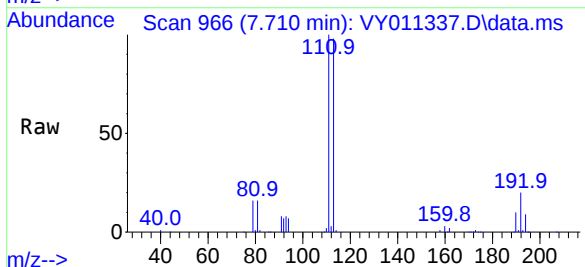
Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	43.2
88	15.4	0.0	31.8

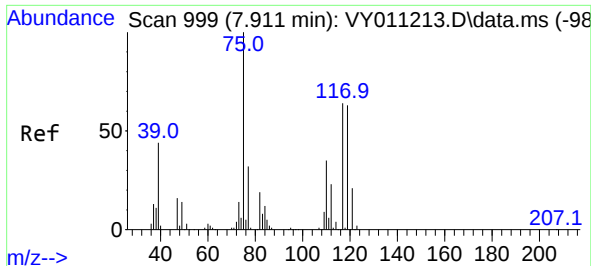


#35
Dibromofluoromethane
Concen: 60.501 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY011337.D
Acq: 07 Nov 2022 16:03

Tgt Ion:113 Resp: 188420

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.6	124.0
192	20.3	17.6	26.4





#36

1,1-Dichloropropene

Concen: 3.978 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY011337.D

Acq: 07 Nov 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

SB-29B

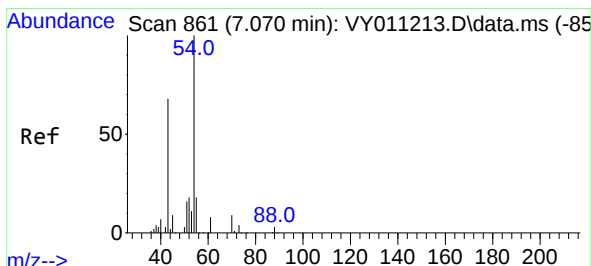
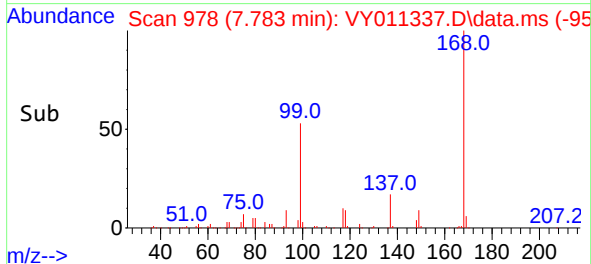
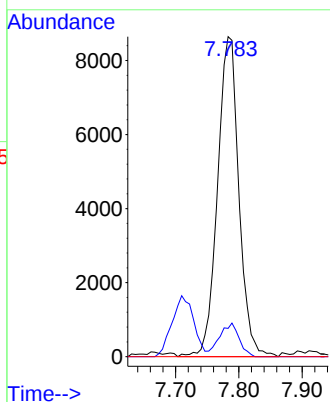
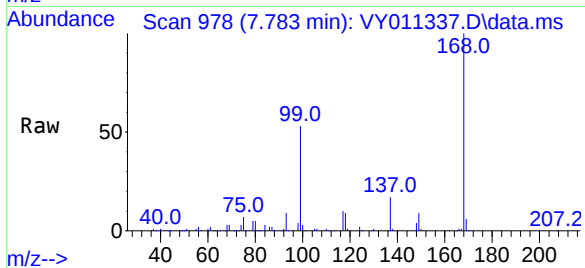
Tgt Ion: 75 Resp: 20233

Ion Ratio Lower Upper

75 100

110 9.5 17.1 51.2#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 1.134 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.092 min

Lab File: VY011337.D

Acq: 07 Nov 2022 16:03

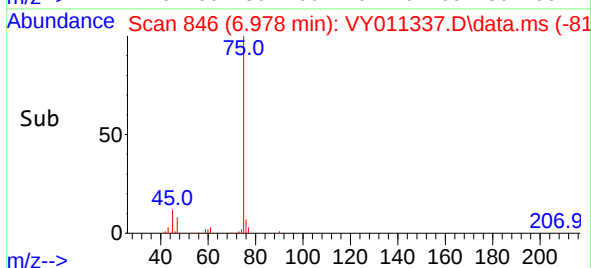
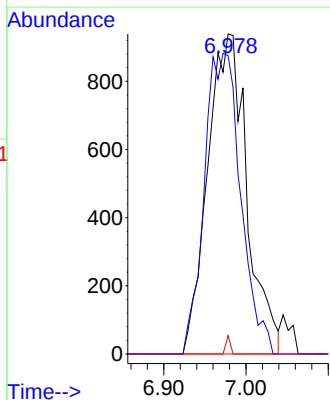
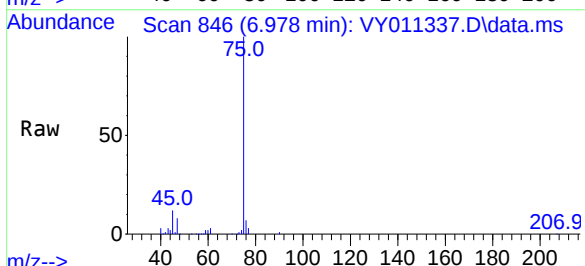
Tgt Ion: 43 Resp: 3110

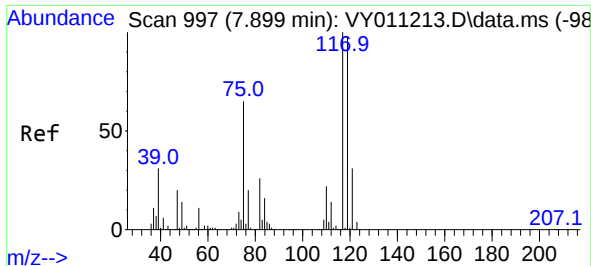
Ion Ratio Lower Upper

43 100

61 87.3 9.7 14.5#

70 0.6 7.1 10.7#

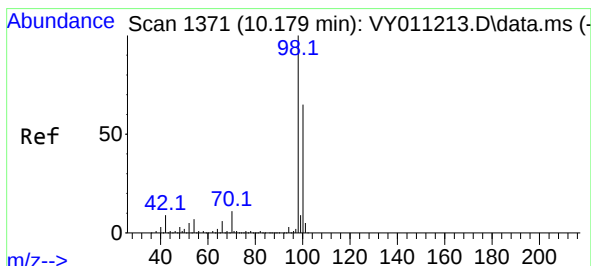
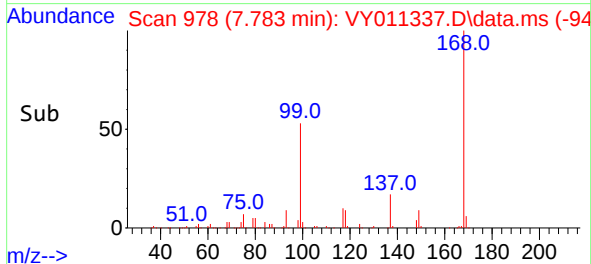
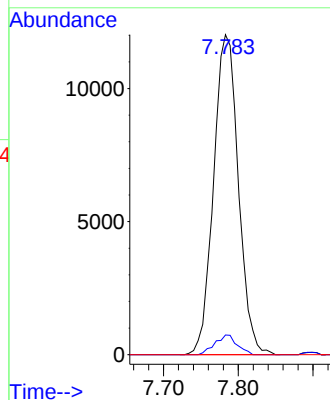
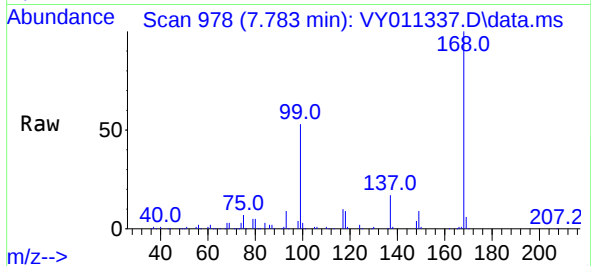




#38
Carbon Tetrachloride
Concen: 5.254 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011337.D
Acq: 07 Nov 2022 16:03

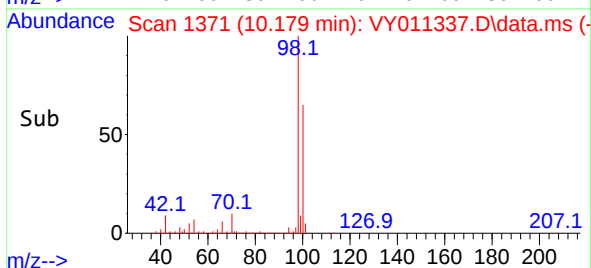
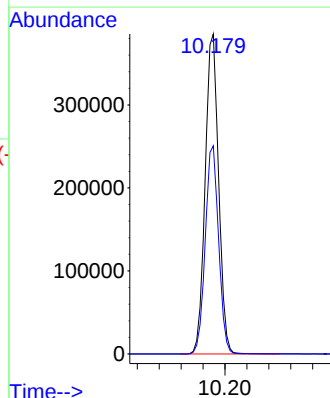
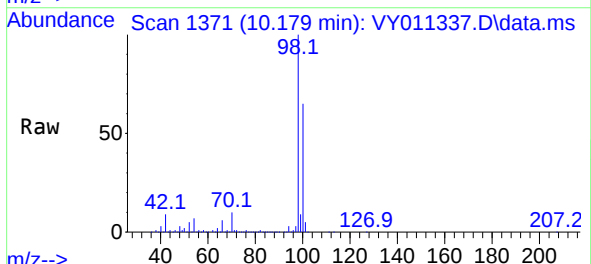
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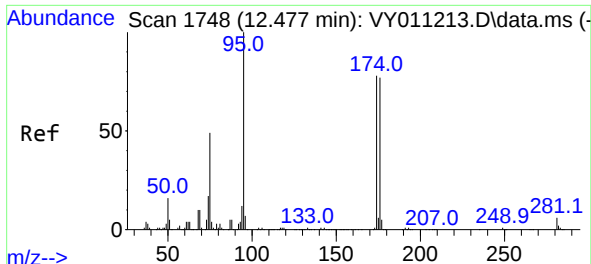
Tgt Ion:117 Resp: 27724
Ion Ratio Lower Upper
117 100
119 6.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.029 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011337.D
Acq: 07 Nov 2022 16:03

Tgt Ion: 98 Resp: 653295
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

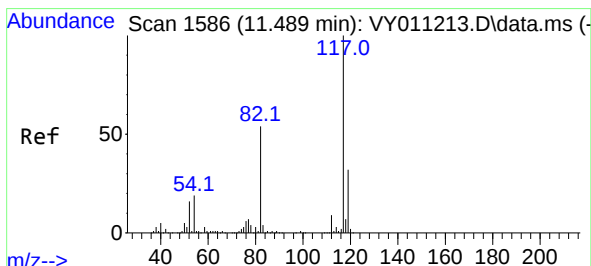
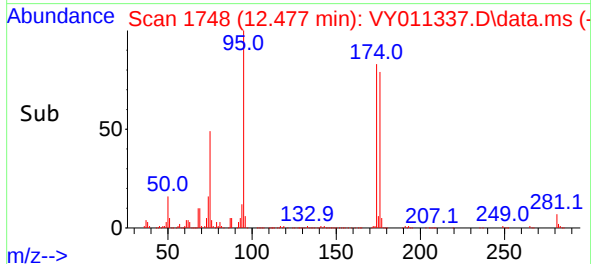
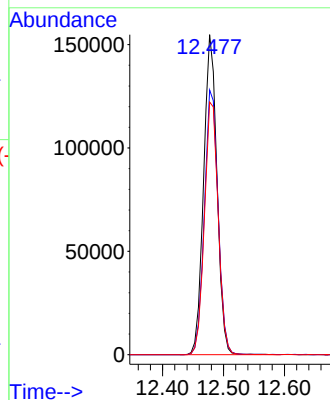
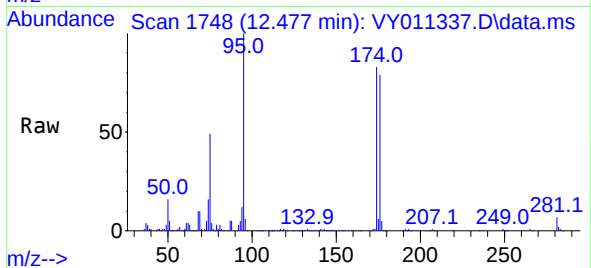




#62
4-Bromofluorobenzene
Concen: 56.094 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011337.D
Acq: 07 Nov 2022 16:03

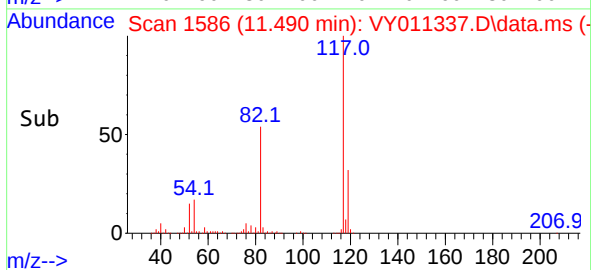
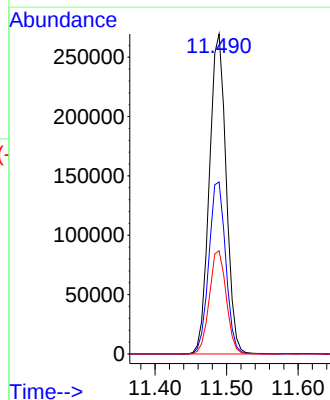
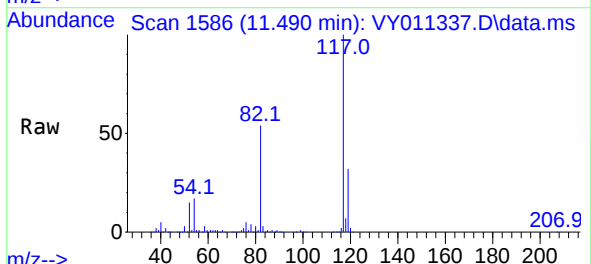
Instrument :
MSVOA_Y
ClientSampleId :
SB-29B

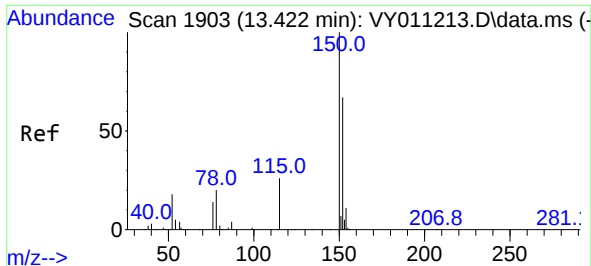
Tgt Ion: 95 Resp: 235470
Ion Ratio Lower Upper
95 100
174 85.3 0.0 177.0
176 81.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011337.D
Acq: 07 Nov 2022 16:03

Tgt Ion: 117 Resp: 439875
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 32.2 25.4 38.0



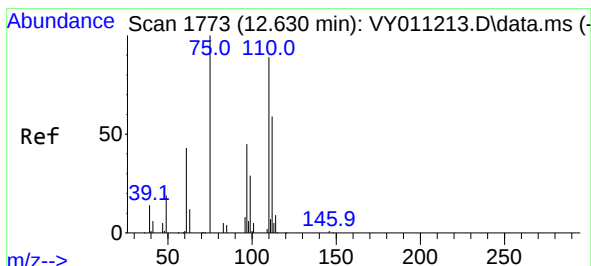
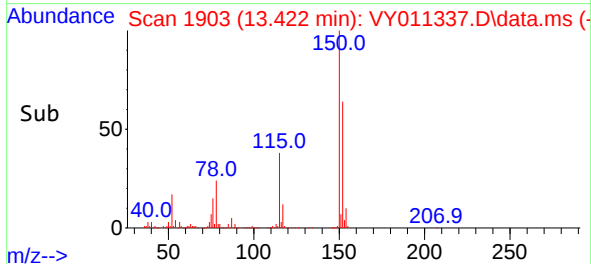
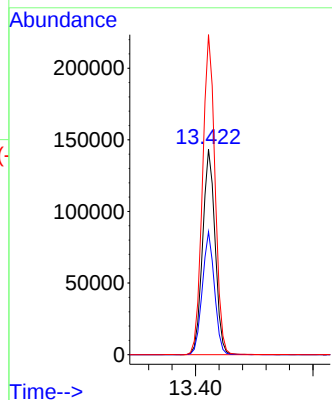
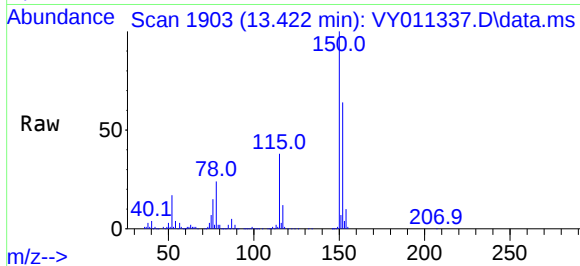


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY011337.D
 Acq: 07 Nov 2022 16:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-29B

Tgt Ion:152 Resp: 210618

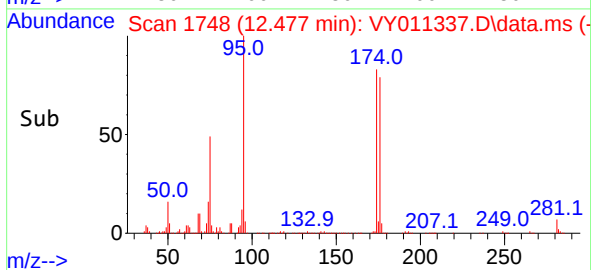
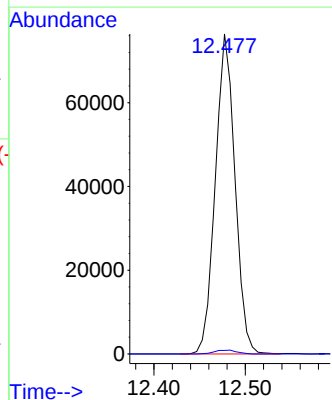
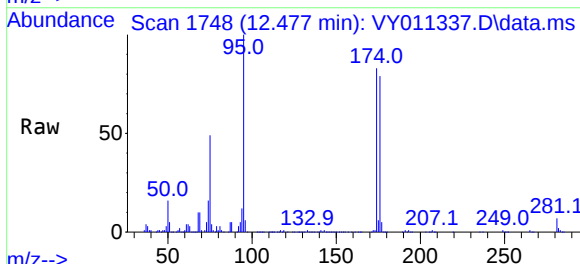
Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.2	84.7
150	156.8	0.0	347.6

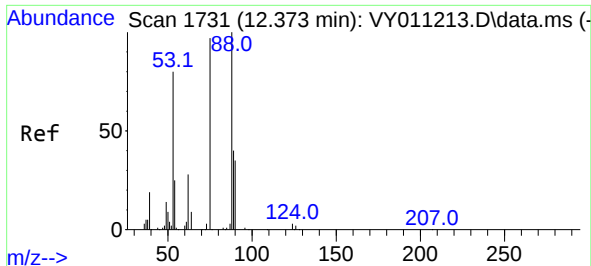


#76
 1,2,3-Trichloropropane
 Concen: 44.512 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY011337.D
 Acq: 07 Nov 2022 16:03

Tgt Ion: 75 Resp: 114134

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#

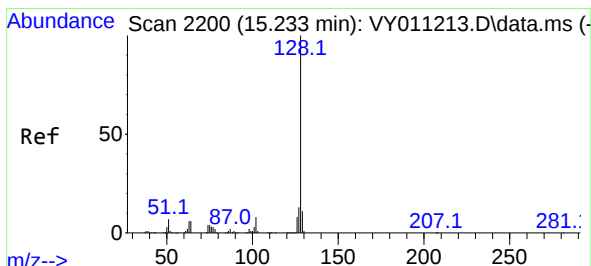
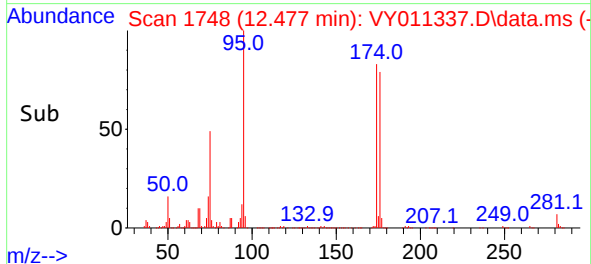
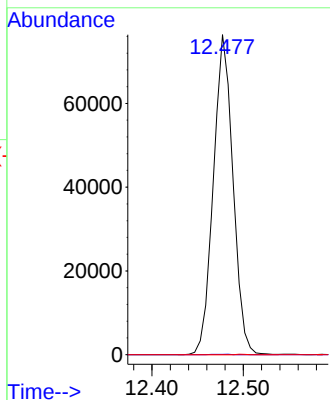
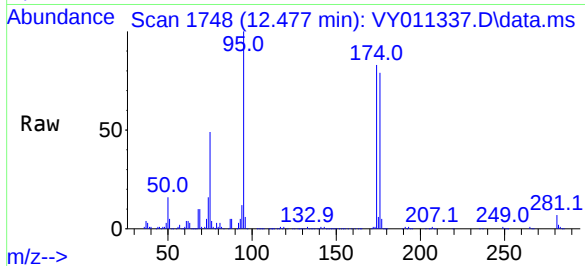




#81
trans-1,4-Dichloro-2-butene
Concen: 95.262 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011337.D
Acq: 07 Nov 2022 16:03

Instrument :
MSVOA_Y
ClientSampleId :
SB-29B

Tgt Ion: 75 Resp: 114134
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#



#95
Naphthalene
Concen: 4.000 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY011337.D
Acq: 07 Nov 2022 16:03

Tgt Ion: 128 Resp: 320
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

