

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
 Data File : VY011800.D
 Acq On : 13 Dec 2022 17:41
 Operator : KP/MD
 Sample : N6048-04
 Misc : 5.48g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-R

Quant Time: Dec 13 22:19:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

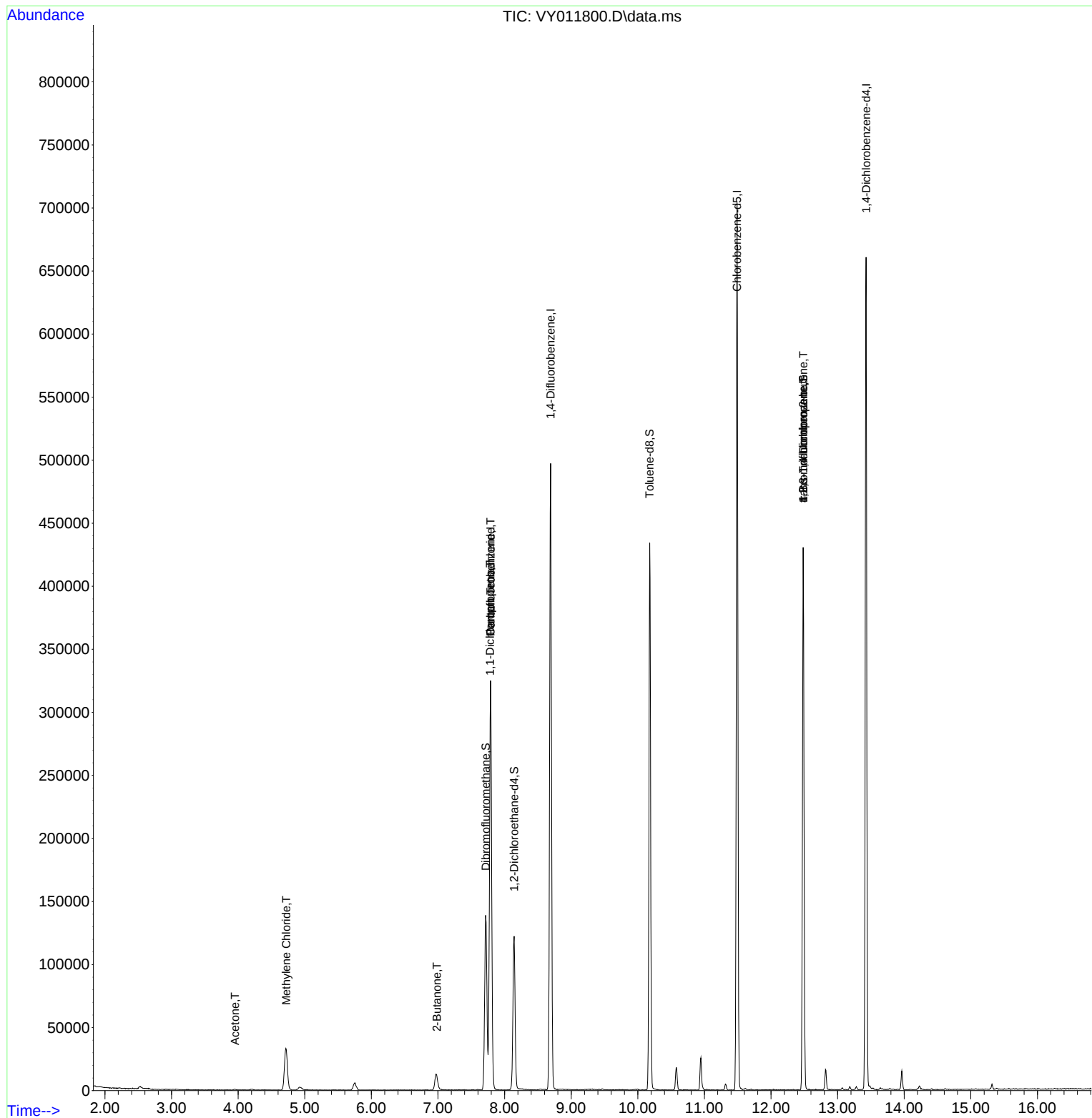
Internal Standards							
1) Pentafluorobenzene		7.789	168	250332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		8.691	114	421115	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.489	117	376211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.428	152	174826	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.142	65	94908	56.149	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.300%	
35) Dibromofluoromethane		7.716	113	97397	52.230	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.460%	
50) Toluene-d8		10.179	98	285466	46.006	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.020%	
62) 4-Bromofluorobenzene		12.483	95	112406	45.641	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.280%	
Target Compounds							Qvalue
2) Dichlorodifluoromethane		1.906	85	42	Below Cal	#	41
3) Chloromethane		2.113	50	154	Below Cal	#	41
5) Bromomethane		2.668	94	129	Below Cal	#	68
11) Tert butyl alcohol		4.930	59	2522	Below Cal	#	74
16) Acetone		3.954	43	984	1.440	ug/l #	87
18) Methyl Acetate		4.734	43	20	Below Cal	#	50
20) Methylene Chloride		4.722	84	26545	5.705	ug/l	94
25) 2-Butanone		6.984	43	951	1.082	ug/l #	46
31) Cyclohexane		7.789	56	5167	Below Cal	#	1
36) 1,1-Dichloropropene		7.783	75	18900	5.914	ug/l #	49
38) Carbon Tetrachloride		7.789	117	25410	6.769	ug/l #	17
76) 1,2,3-Trichloropropane		12.483	75	59270	33.509	ug/l #	100
81) trans-1,4-Dichloro-2-b...		12.483	75	59270	76.039	ug/l #	13

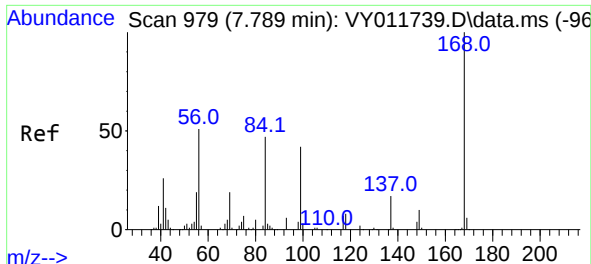
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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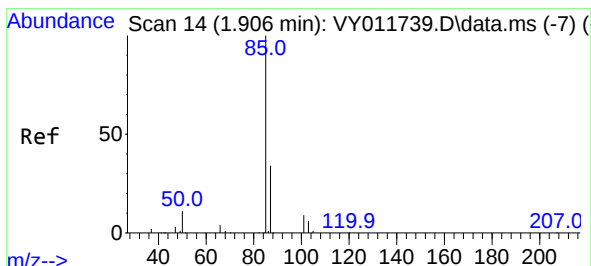
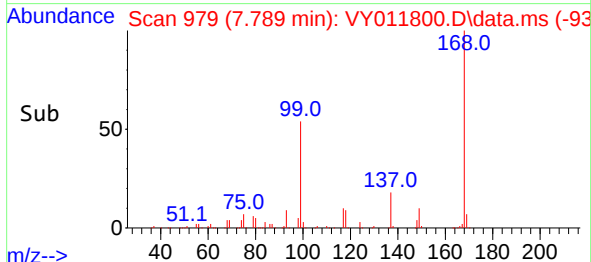
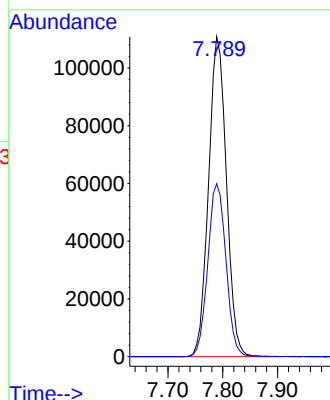
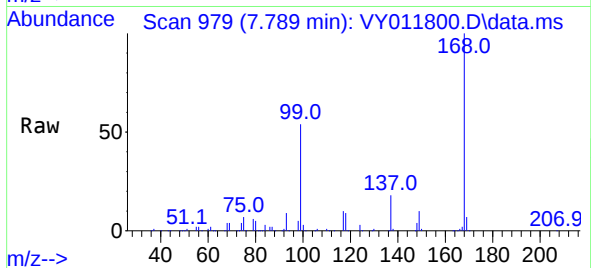




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011800.D
Acq: 13 Dec 2022 17:41

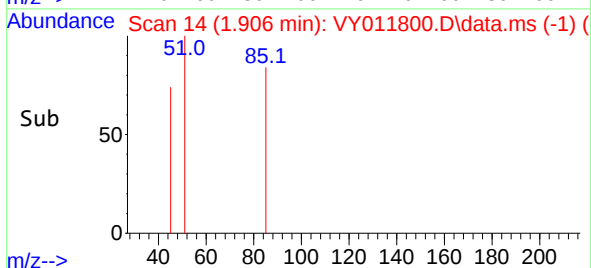
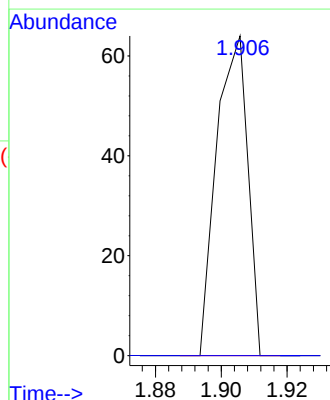
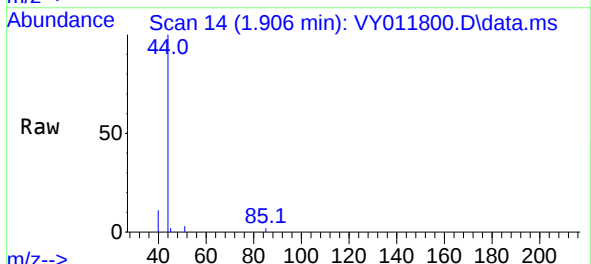
Instrument :
MSVOA_Y
ClientSampleId :
TP-R

Tgt Ion:168 Resp: 250332
Ion Ratio Lower Upper
168 100
99 54.1 44.0 66.0

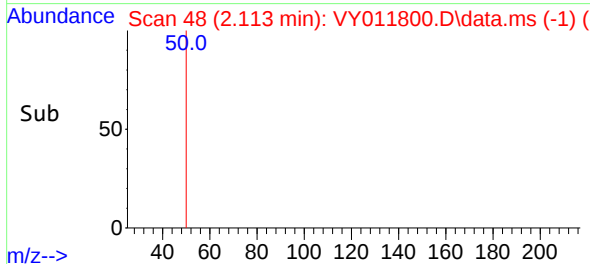
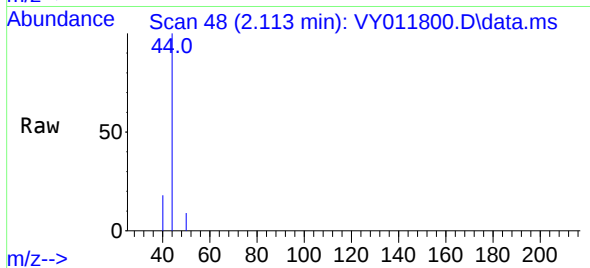
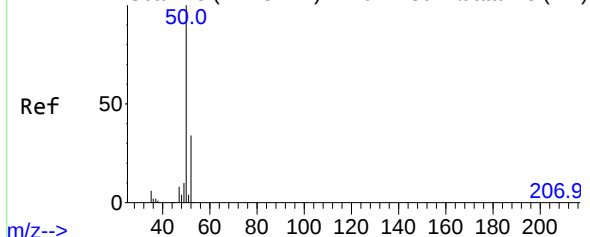


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011800.D
Acq: 13 Dec 2022 17:41

Tgt Ion: 85 Resp: 42
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#



Abundance Scan 48 (2.113 min): VY011739.D\data.ms (-42)



#3

Chloromethane

Concen: Below Cal

RT: 2.113 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY011800.D

Acq: 13 Dec 2022 17:41

Instrument :

MSVOA_Y

ClientSampleId :

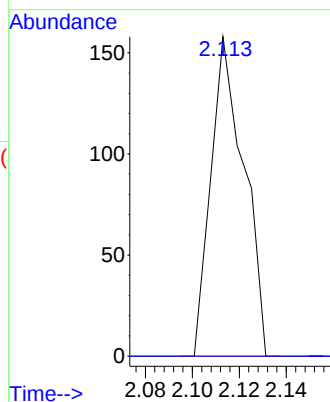
TP-R

Tgt Ion: 50 Resp: 154

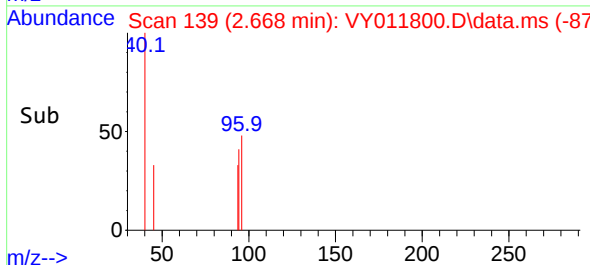
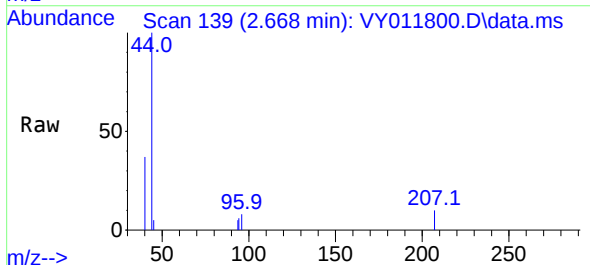
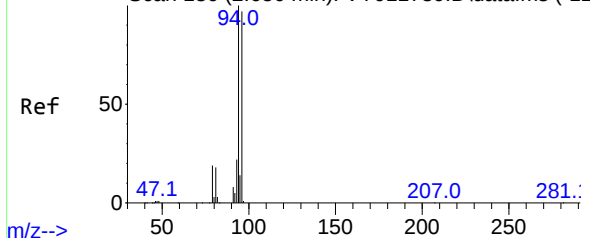
Ion Ratio Lower Upper

50 100

52 0.0 26.8 40.2#



Abundance Scan 136 (2.650 min): VY011739.D\data.ms (-12)



#5

Bromomethane

Concen: Below Cal

RT: 2.668 min Scan# 139

Delta R.T. 0.018 min

Lab File: VY011800.D

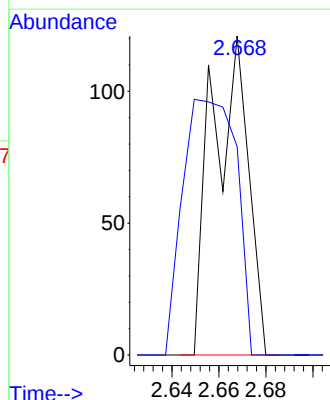
Acq: 13 Dec 2022 17:41

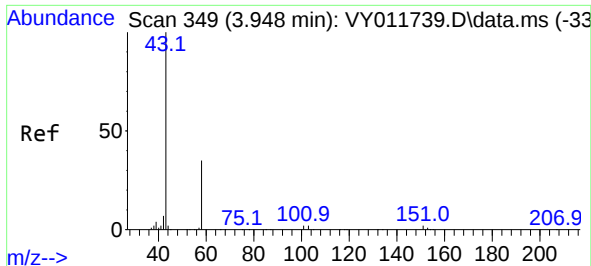
Tgt Ion: 94 Resp: 129

Ion Ratio Lower Upper

94 100

96 65.3 77.4 116.2#

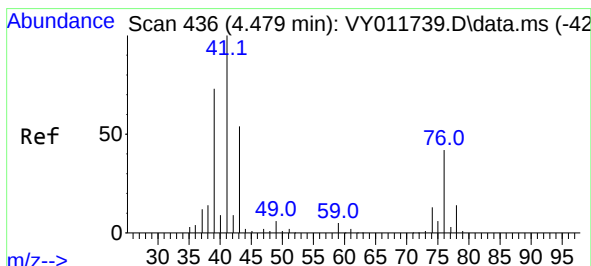
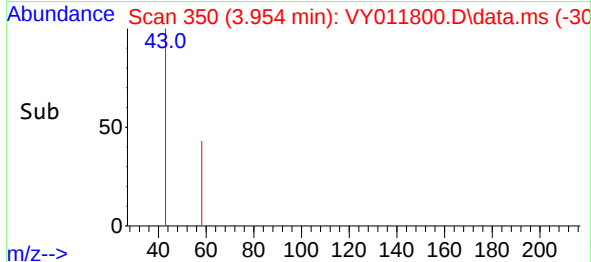
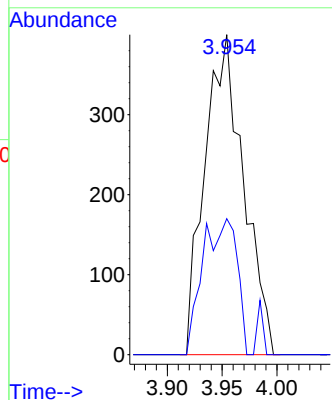
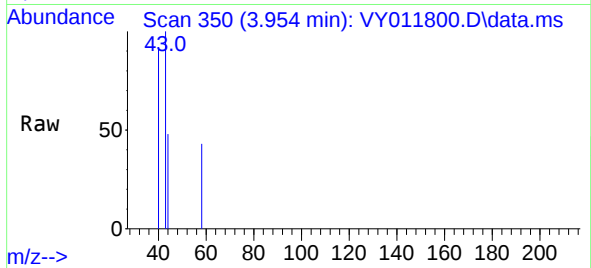




#16
Acetone
Concen: 1.440 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY011800.D
Acq: 13 Dec 2022 17:41

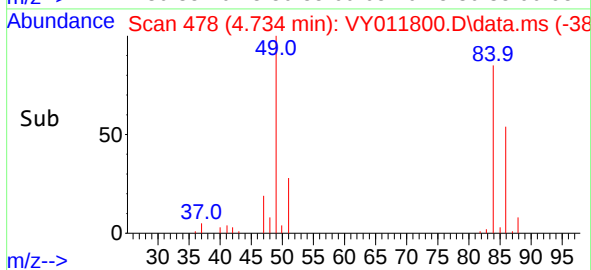
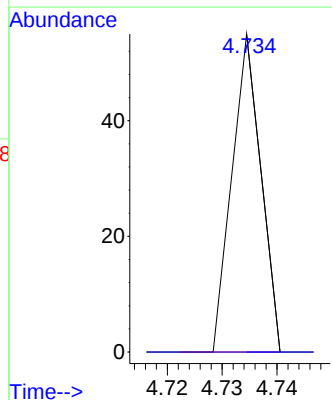
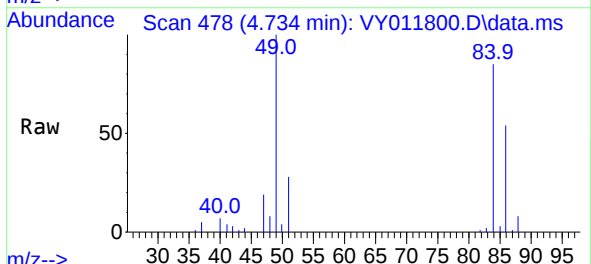
Instrument :
MSVOA_Y
ClientSampleId :
TP-R

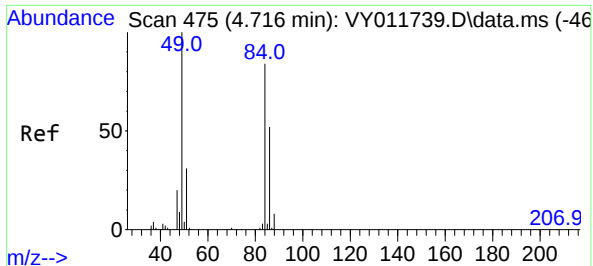
Tgt Ion: 43 Resp: 984
Ion Ratio Lower Upper
43 100
58 42.5 27.9 41.9#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.734 min Scan# 478
Delta R.T. 0.255 min
Lab File: VY011800.D
Acq: 13 Dec 2022 17:41

Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



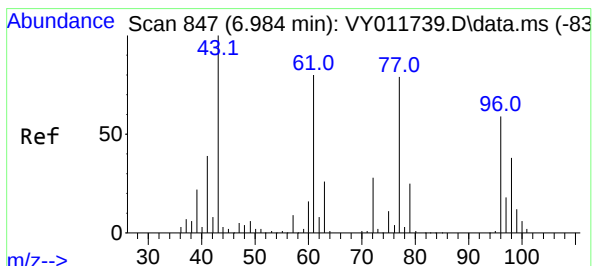
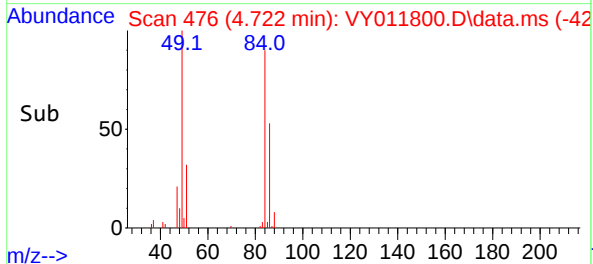
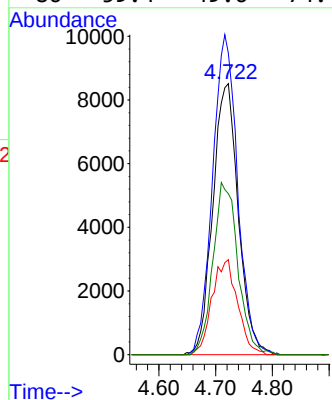
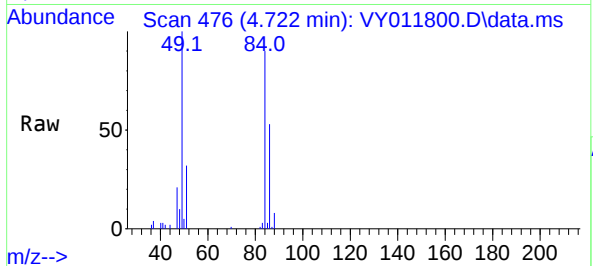


#20
Methylene Chloride
Concen: 5.705 ug/l
RT: 4.722 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY011800.D
Acq: 13 Dec 2022 17:41

Instrument :
MSVOA_Y
ClientSampleId :
TP-R

Tgt Ion: 84 Resp: 26545

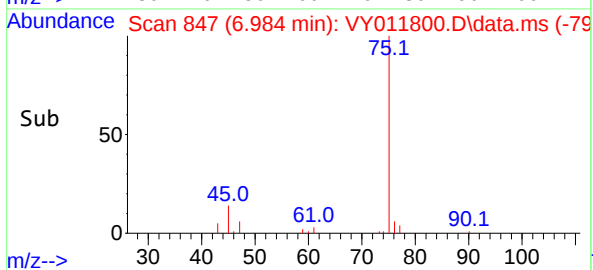
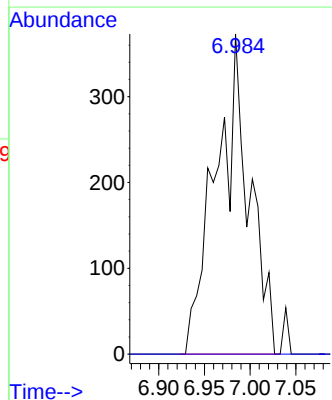
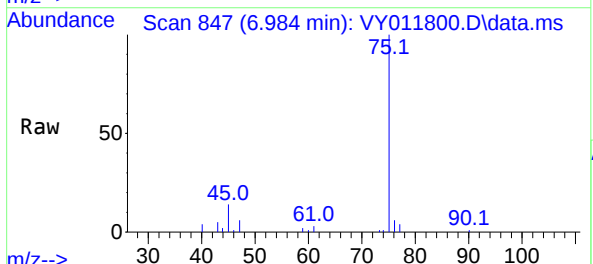
Ion	Ratio	Lower	Upper
84	100		
49	111.2	95.4	143.2
51	35.1	29.9	44.9
86	59.4	49.6	74.4

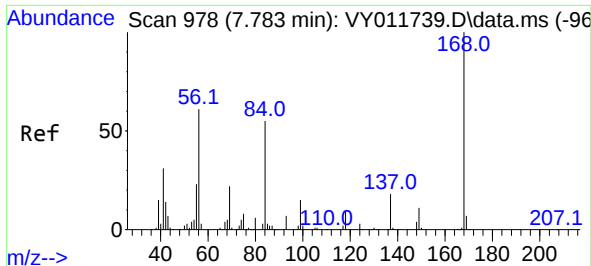


#25
2-Butanone
Concen: 1.082 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY011800.D
Acq: 13 Dec 2022 17:41

Tgt Ion: 43 Resp: 951

Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.6	34.0#

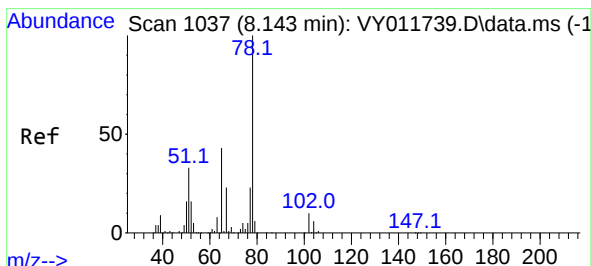
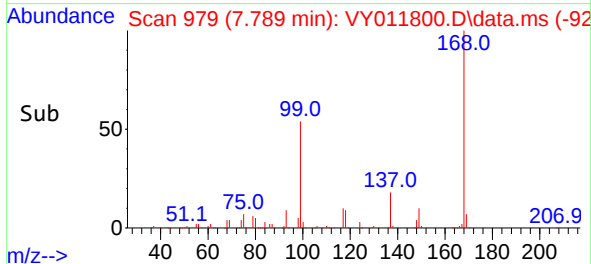
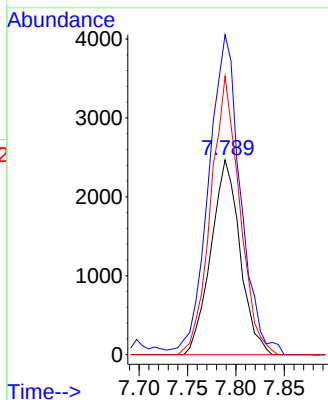
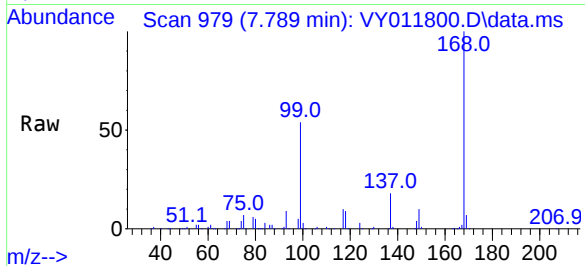




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011800.D
Acq: 13 Dec 2022 17:41

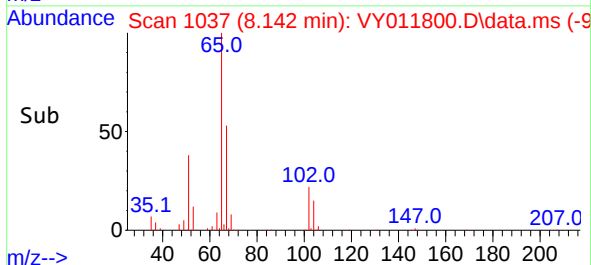
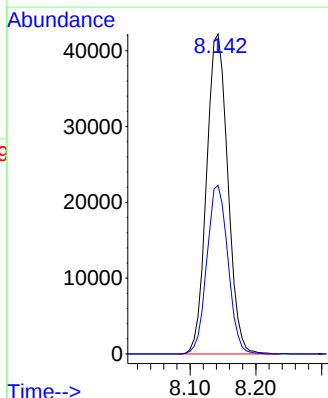
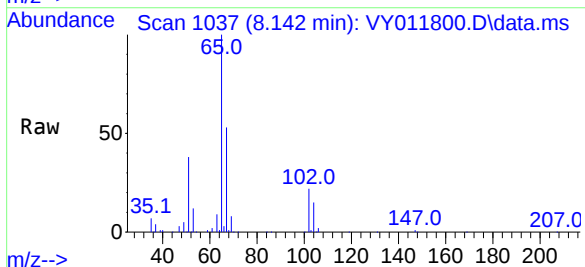
Instrument :
MSVOA_Y
ClientSampleId :
TP-R

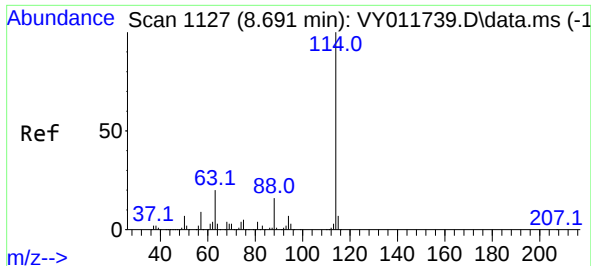
Tgt Ion: 56 Resp: 5167
Ion Ratio Lower Upper
56 100
69 160.6 29.2 43.8#
84 142.9 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 56.149 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011800.D
Acq: 13 Dec 2022 17:41

Tgt Ion: 65 Resp: 94908
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.2

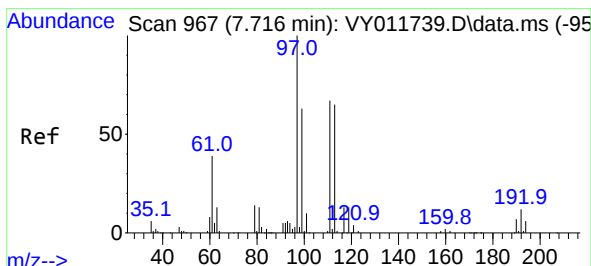
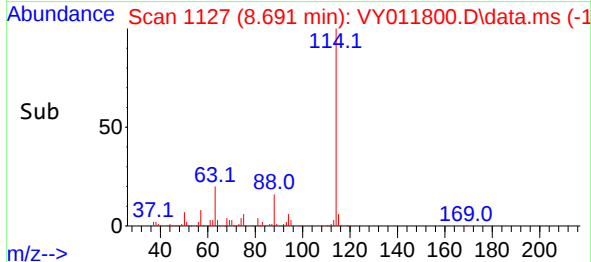
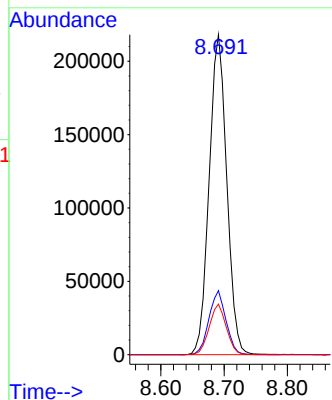
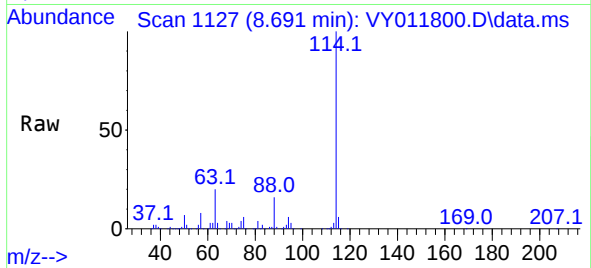




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011800.D
Acq: 13 Dec 2022 17:41

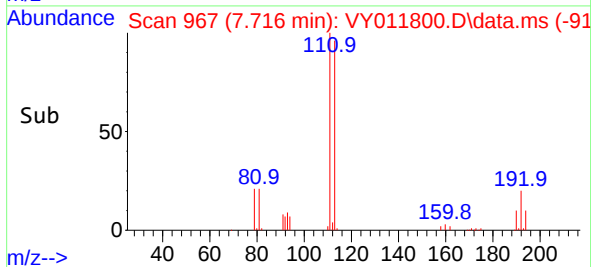
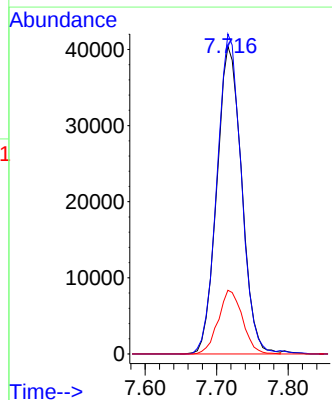
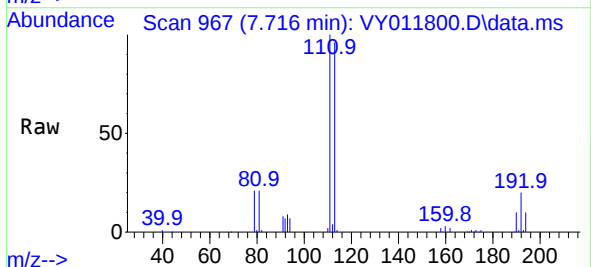
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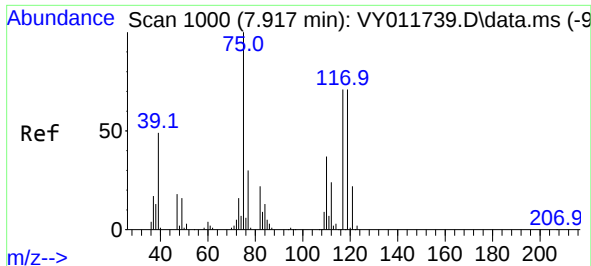
Tgt Ion:114 Resp: 421115
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.6
88 15.8 0.0 32.2



#35
Dibromofluoromethane
Concen: 52.230 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY011800.D
Acq: 13 Dec 2022 17:41

Tgt Ion:113 Resp: 97397
Ion Ratio Lower Upper
113 100
111 102.4 83.0 124.4
192 20.2 16.0 24.0

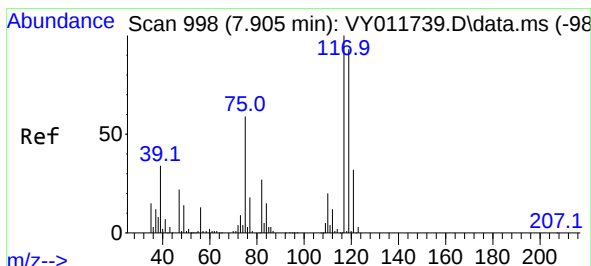
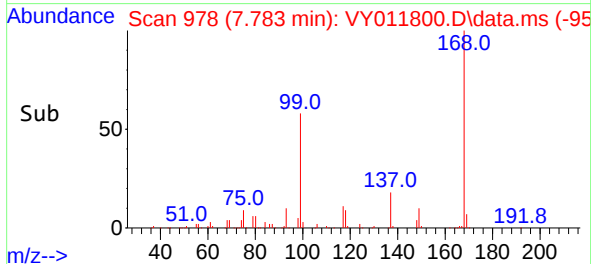
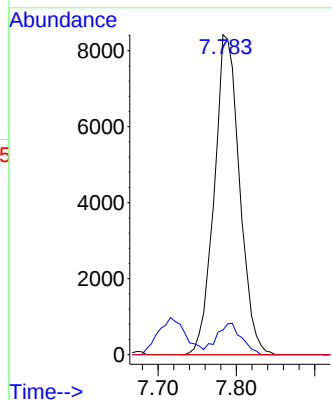
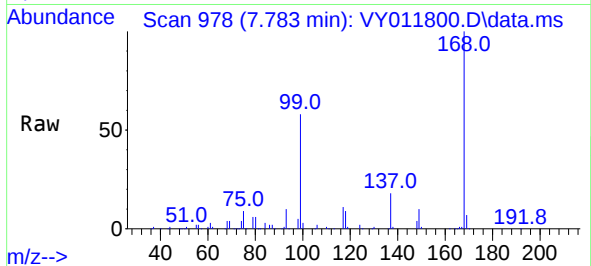




#36
1,1-Dichloropropene
Concen: 5.914 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY011800.D
Acq: 13 Dec 2022 17:41

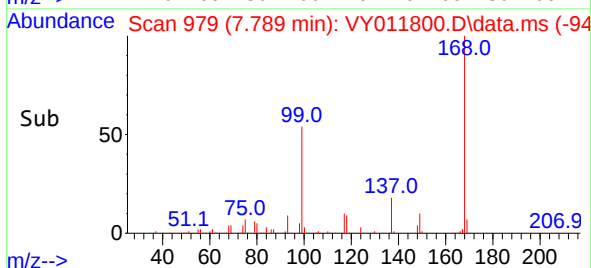
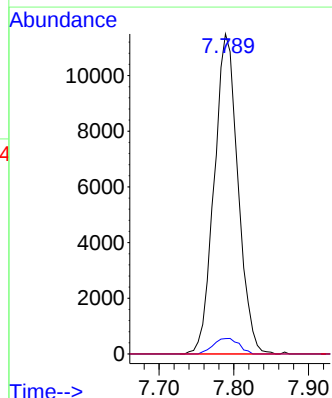
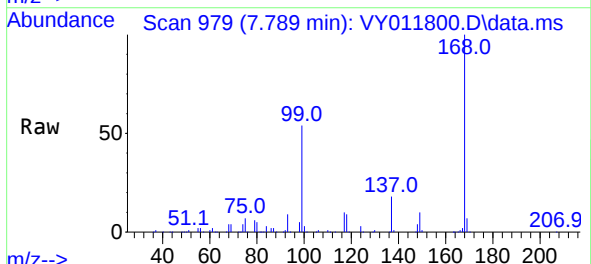
Instrument :
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ClientSampleId :
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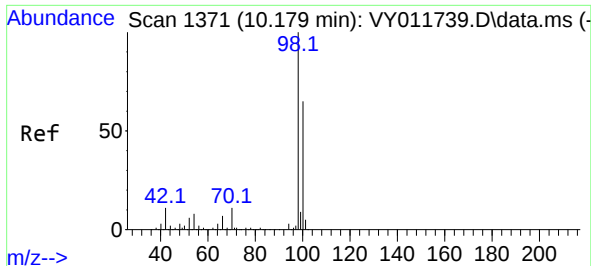
Tgt Ion: 75 Resp: 18900
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.1#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.769 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY011800.D
Acq: 13 Dec 2022 17:41

Tgt Ion: 117 Resp: 25410
Ion Ratio Lower Upper
117 100
119 4.8 73.8 110.8#
121 0.0 25.2 37.8#

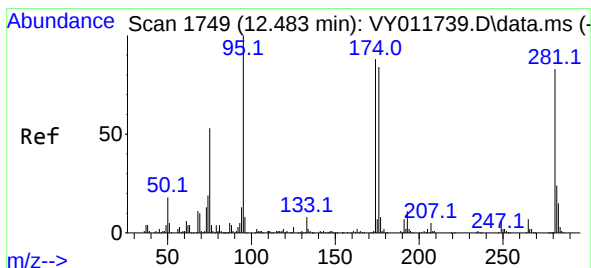
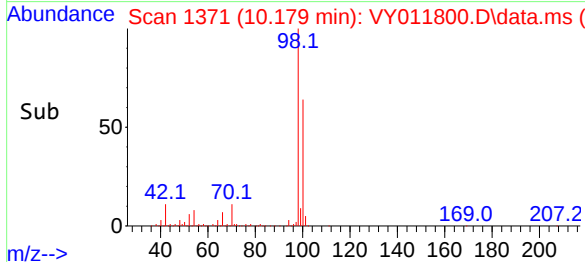
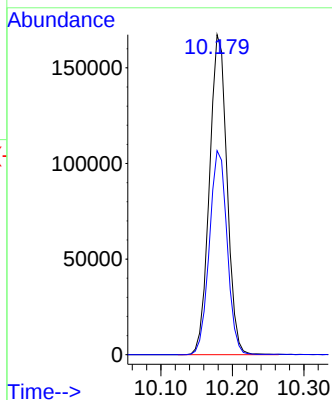
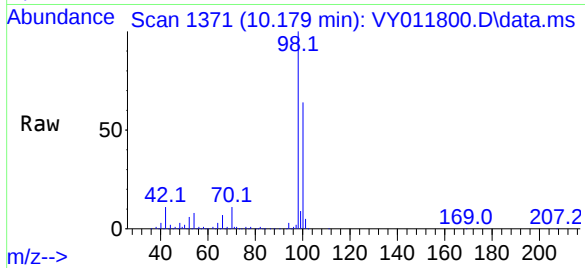




#50
Toluene-d8
Concen: 46.006 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011800.D
Acq: 13 Dec 2022 17:41

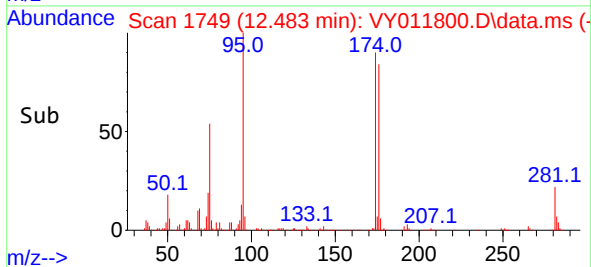
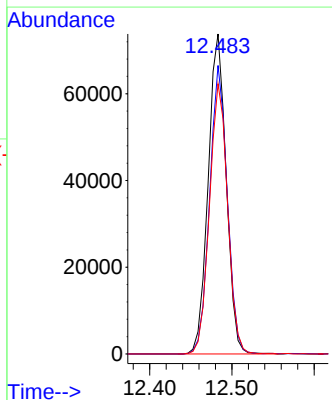
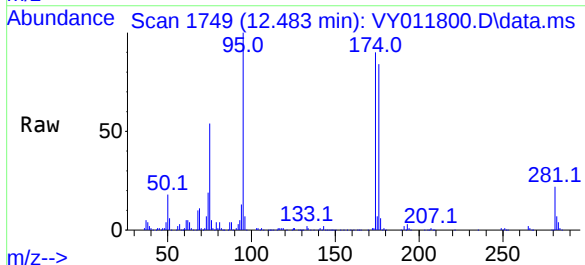
Instrument :
MSVOA_Y
ClientSampleId :
TP-R

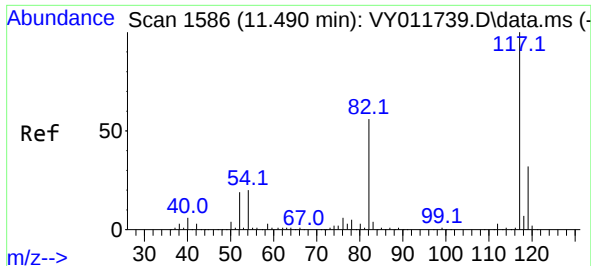
Tgt Ion: 98 Resp: 285466
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.641 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011800.D
Acq: 13 Dec 2022 17:41

Tgt Ion: 95 Resp: 112406
Ion Ratio Lower Upper
95 100
174 88.2 0.0 172.0
176 84.9 0.0 167.6

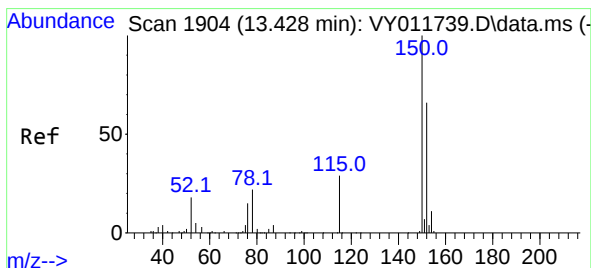
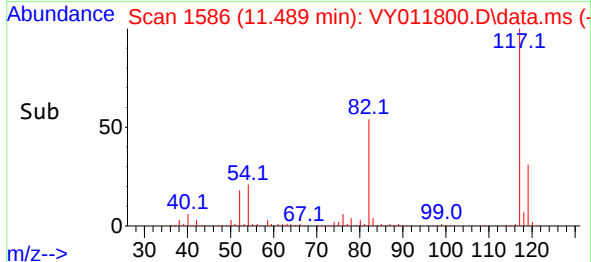
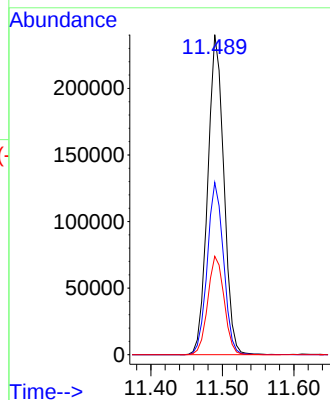
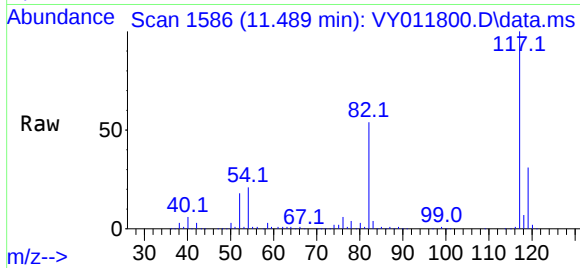




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011800.D
Acq: 13 Dec 2022 17:41

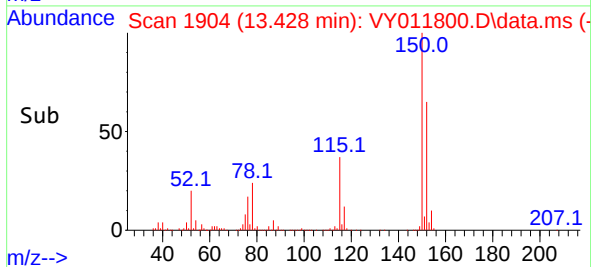
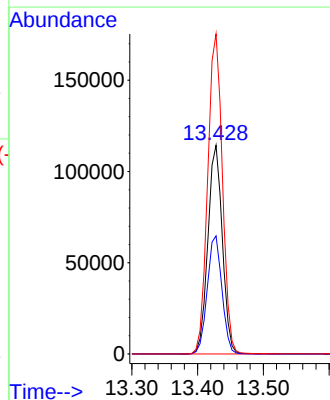
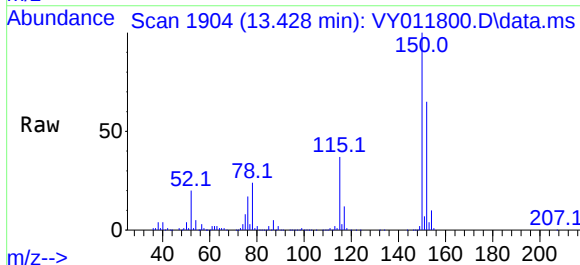
Instrument :
MSVOA_Y
ClientSampleId :
TP-R

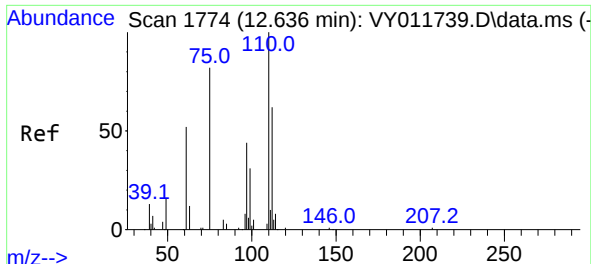
Tgt Ion:117 Resp: 376211
Ion Ratio Lower Upper
117 100
82 53.8 44.8 67.2
119 30.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011800.D
Acq: 13 Dec 2022 17:41

Tgt Ion:152 Resp: 174826
Ion Ratio Lower Upper
152 100
115 57.4 29.1 87.3
150 155.9 0.0 342.6

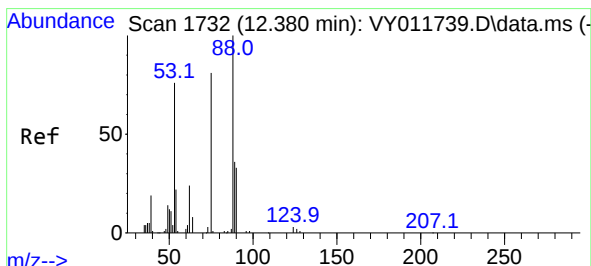
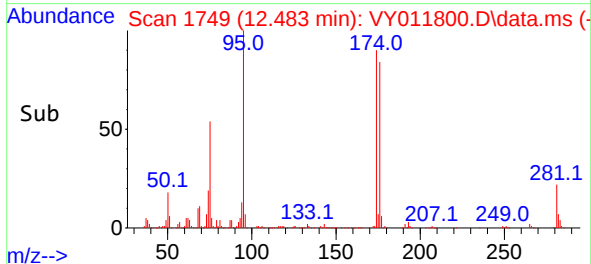
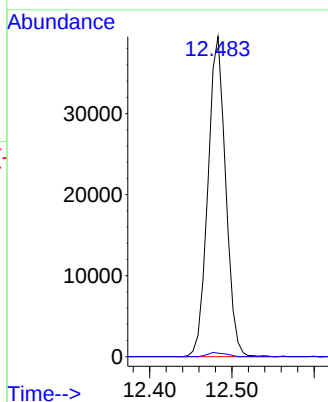
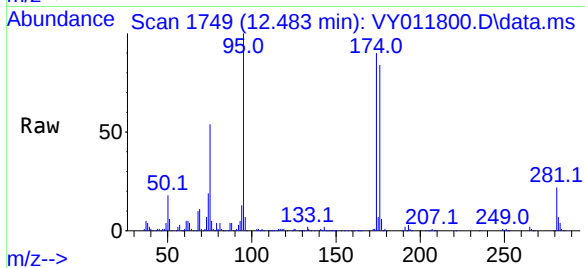




#76
1,2,3-Trichloropropane
Concen: 33.509 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011800.D
Acq: 13 Dec 2022 17:41

Instrument :
MSVOA_Y
ClientSampleId :
TP-R

Tgt Ion: 75 Resp: 59270
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.039 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011800.D
Acq: 13 Dec 2022 17:41

Tgt Ion: 75 Resp: 59270
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.2 37.0 55.4#

