

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121422\
 Data File : VY011853.D
 Acq On : 14 Dec 2022 18:12
 Operator : KP/MD
 Sample : N6038-06
 Misc : 4.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-31-(6.5-8.5)

Quant Time: Dec 15 01:22:54 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)

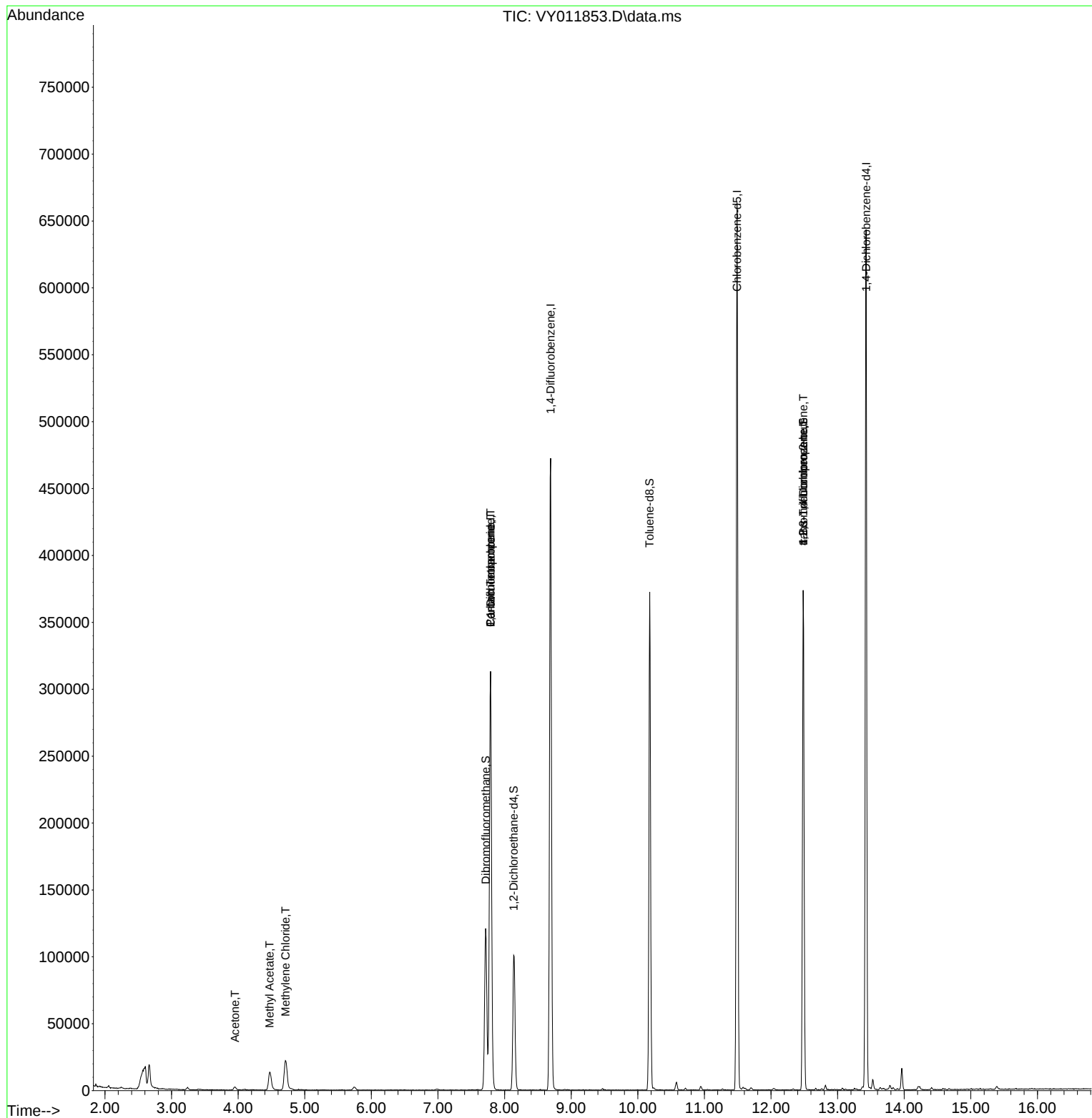
Internal Standards						
1) Pentafluorobenzene	7.789	168	242665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	405585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	360547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	166984	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	83082	50.191	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.380%	
35) Dibromofluoromethane	7.716	113	85184	47.042	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.080%	
50) Toluene-d8	10.179	98	244014	39.971	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 79.940%	
62) 4-Bromofluorobenzene	12.483	95	95982	39.895	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 79.780%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	19	Below Cal	#	41
3) Chloromethane	2.113	50	189	Below Cal	#	41
4) Vinyl Chloride	2.515	62	25	Below Cal	#	43
5) Bromomethane	2.613	94	514	Below Cal	#	68
11) Tert butyl alcohol	4.936	59	95	Below Cal	#	74
16) Acetone	3.954	43	3979	6.005	ug/l	97
18) Methyl Acetate	4.472	43	26749	15.747	ug/l	99
20) Methylene Chloride	4.710	84	18143	2.059	ug/l	92
31) Cyclohexane	7.789	56	4824	Below Cal	#	18
36) 1,1-Dichloropropene	7.789	75	18302	5.947	ug/l #	50
38) Carbon Tetrachloride	7.789	117	23996	6.637	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	50559	29.926	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50559	67.909	ug/l #	13

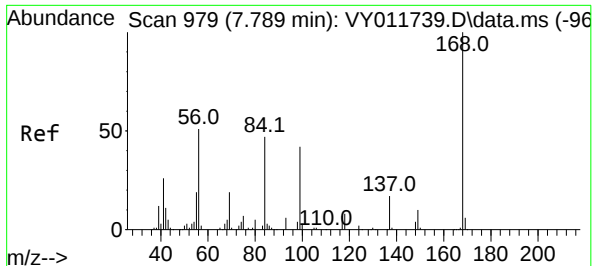
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121422\
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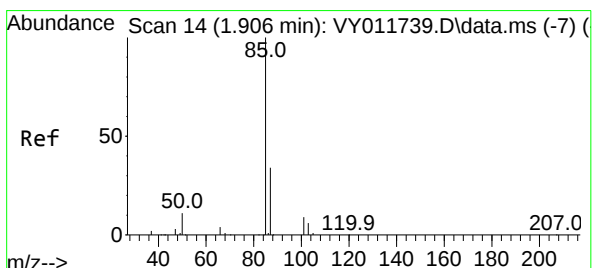
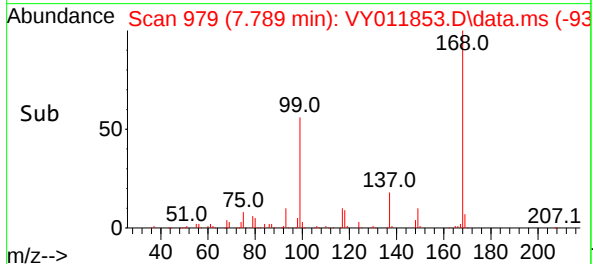
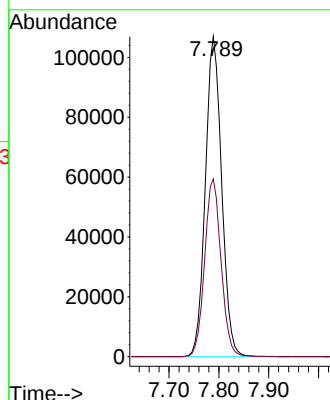
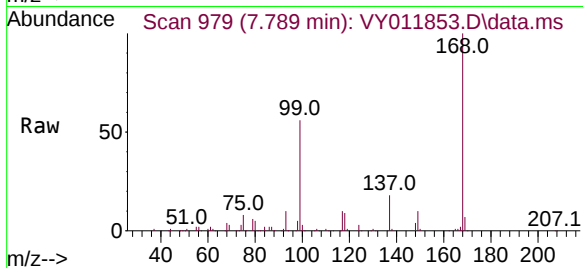




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011853.D
Acq: 14 Dec 2022 18:12

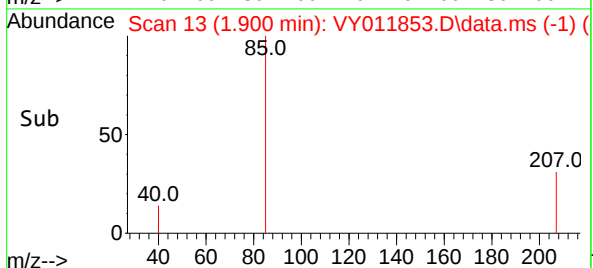
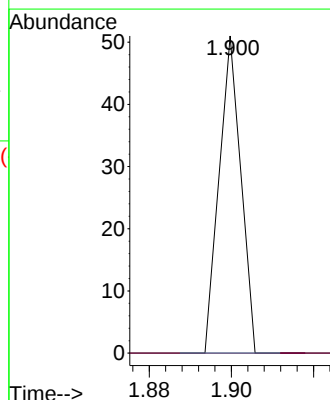
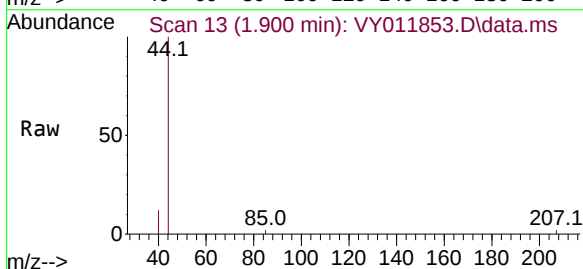
Instrument :
MSVOA_Y
ClientSampleId :
RB-31-(6.5-8.5)

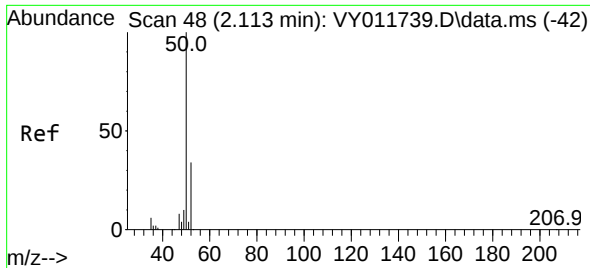
Tgt Ion:168 Resp: 242665
Ion Ratio Lower Upper
168 100
99 55.6 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY011853.D
Acq: 14 Dec 2022 18:12

Tgt Ion: 85 Resp: 19
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#

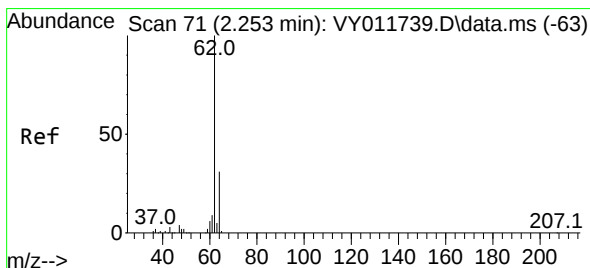
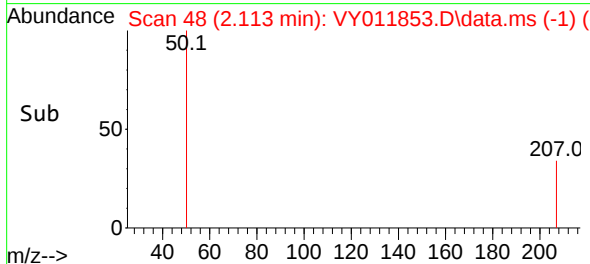
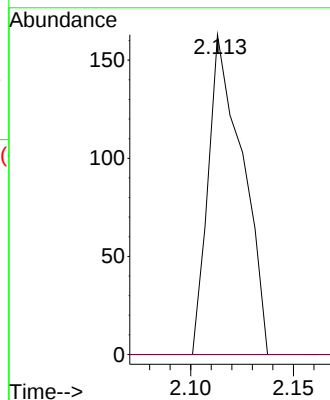
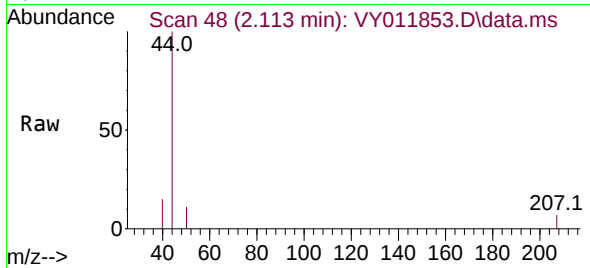




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011853.D
Acq: 14 Dec 2022 18:12

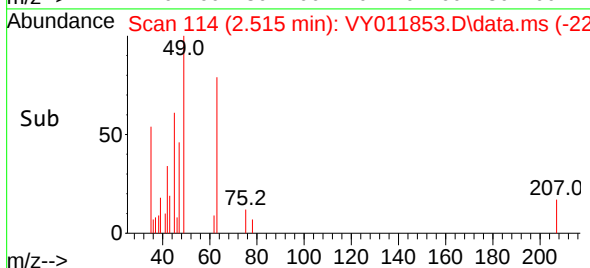
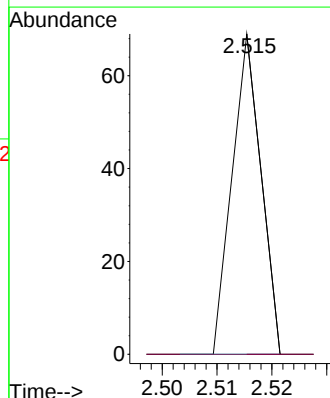
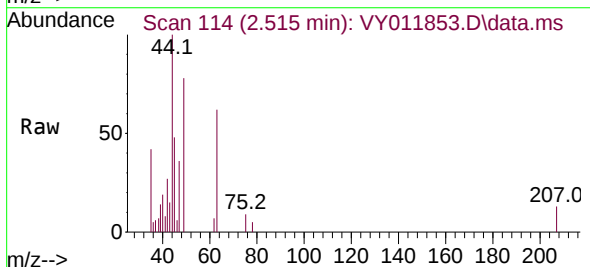
Instrument :
MSVOA_Y
ClientSampleId :
RB-31-(6.5-8.5)

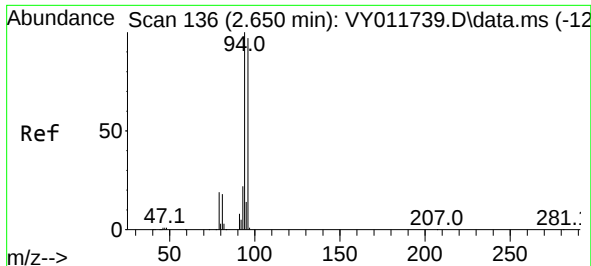
Tgt Ion: 50 Resp: 189
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.515 min Scan# 114
Delta R.T. 0.262 min
Lab File: VY011853.D
Acq: 14 Dec 2022 18:12

Tgt Ion: 62 Resp: 25
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

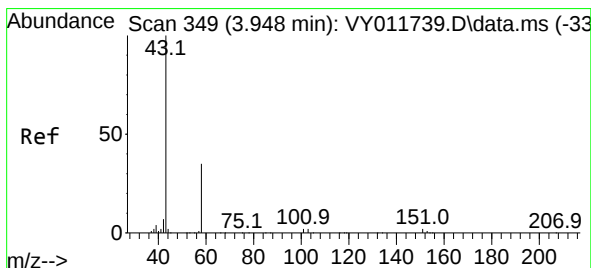
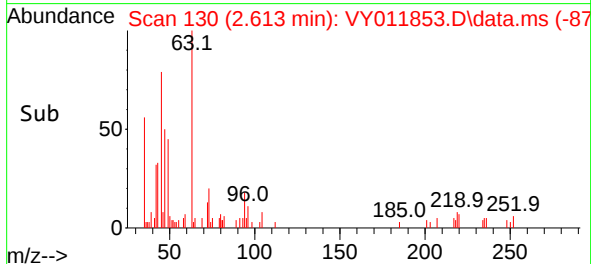
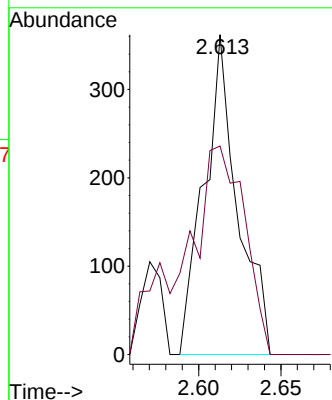
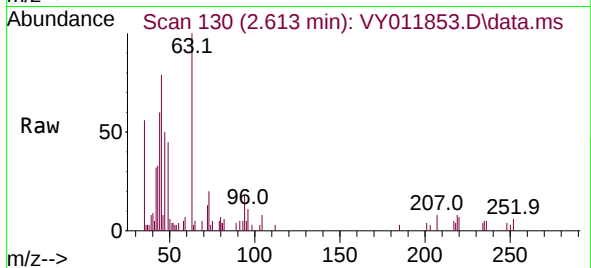




#5
Bromomethane
Concen: Below Cal
RT: 2.613 min Scan# 11
Delta R.T. -0.037 min
Lab File: VY011853.D
Acq: 14 Dec 2022 18:12

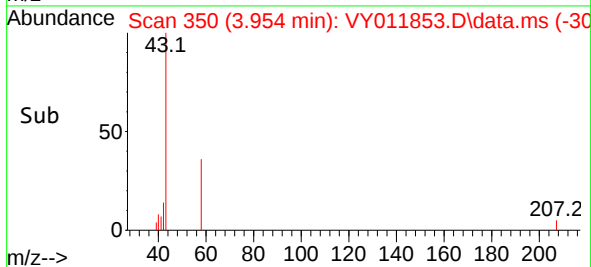
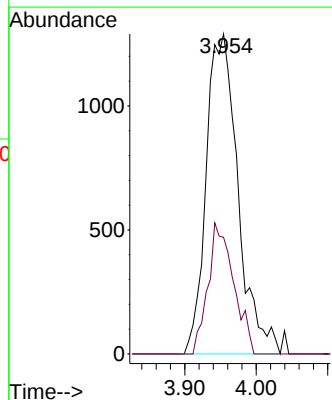
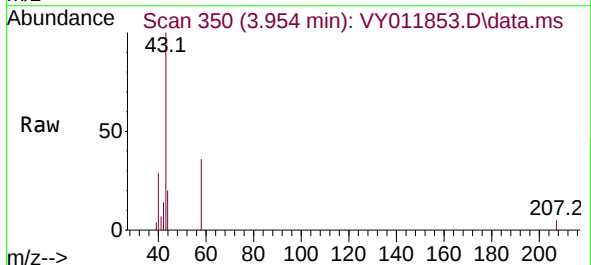
Instrument :
MSVOA_Y
ClientSampleId :
RB-31-(6.5-8.5)

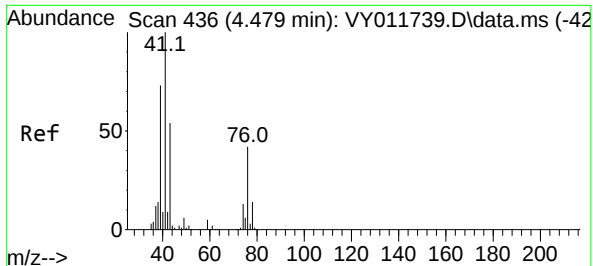
Tgt Ion: 94 Resp: 514
Ion Ratio Lower Upper
94 100
96 65.2 77.4 116.2#



#16
Acetone
Concen: 6.005 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY011853.D
Acq: 14 Dec 2022 18:12

Tgt Ion: 43 Resp: 3979
Ion Ratio Lower Upper
43 100
58 36.4 27.9 41.9

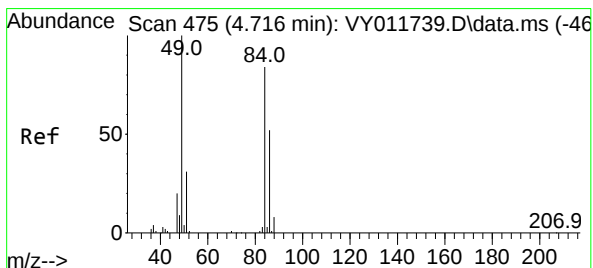
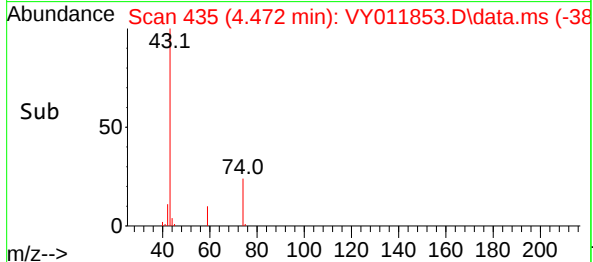
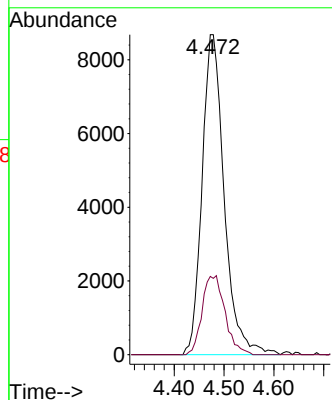
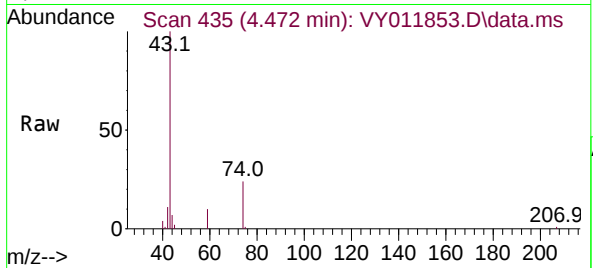




#18
Methyl Acetate
Concen: 15.747 ug/l
RT: 4.472 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY011853.D
Acq: 14 Dec 2022 18:12

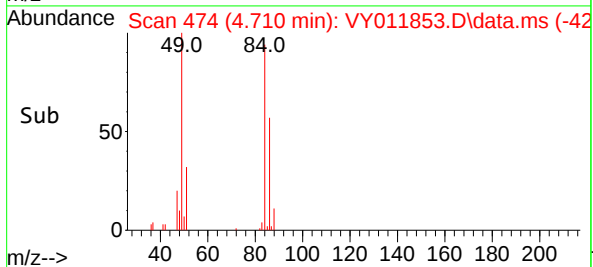
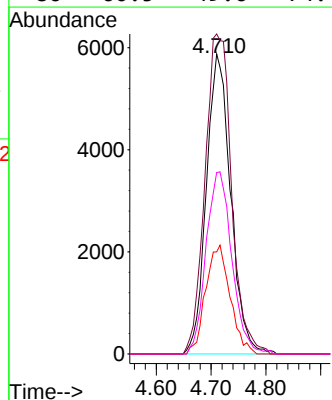
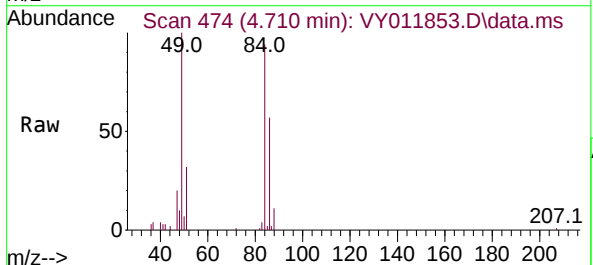
Instrument :
MSVOA_Y
ClientSampleId :
RB-31-(6.5-8.5)

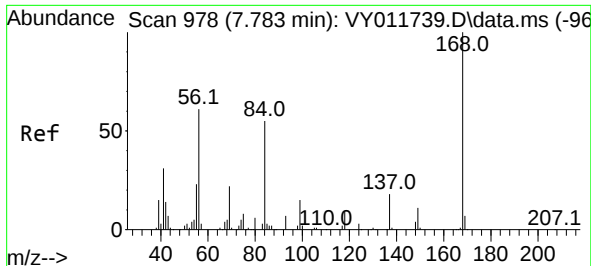
Tgt Ion: 43 Resp: 26749
Ion Ratio Lower Upper
43 100
74 25.5 20.1 30.1



#20
Methylene Chloride
Concen: 2.059 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY011853.D
Acq: 14 Dec 2022 18:12

Tgt Ion: 84 Resp: 18143
Ion Ratio Lower Upper
84 100
49 106.7 95.4 143.2
51 34.0 29.9 44.9
86 60.5 49.6 74.4

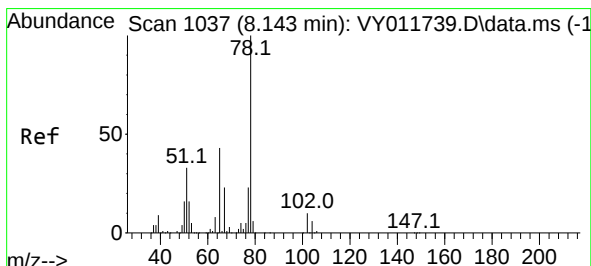
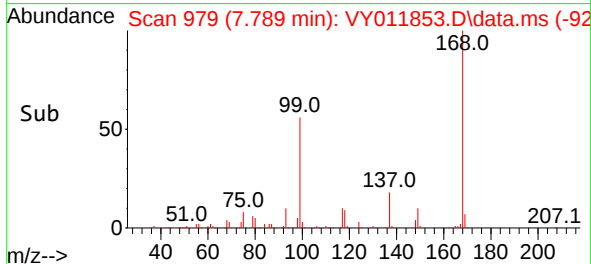
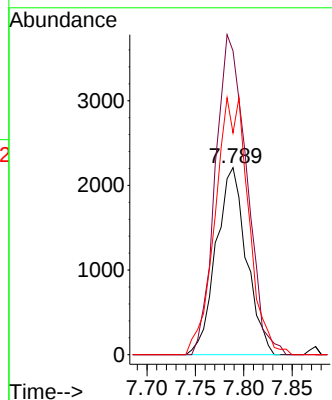
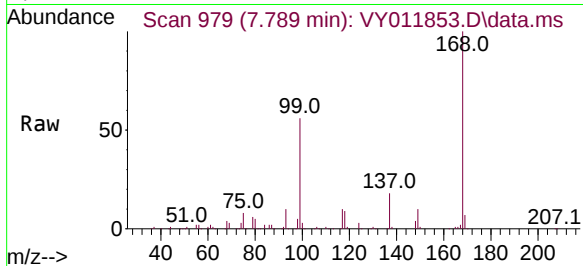




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011853.D
Acq: 14 Dec 2022 18:12

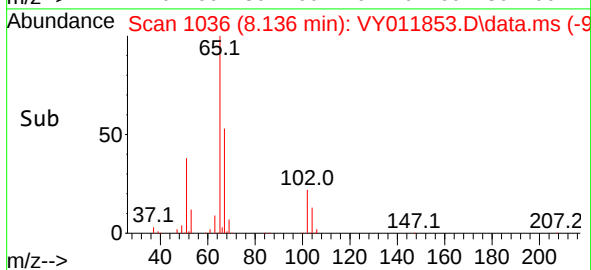
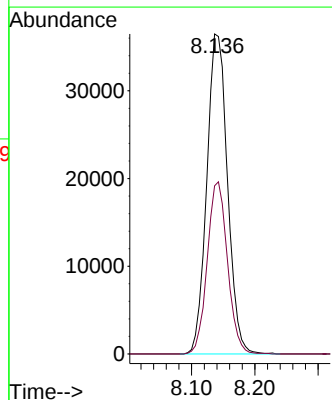
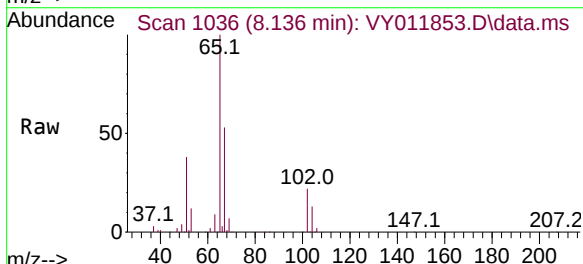
Instrument :
MSVOA_Y
ClientSampleId :
RB-31-(6.5-8.5)

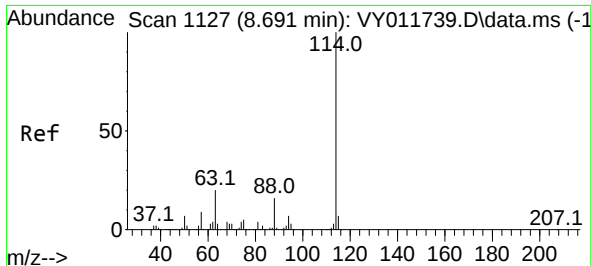
Tgt Ion: 56 Resp: 4824
Ion Ratio Lower Upper
56 100
69 162.5 29.2 43.8#
84 118.6 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 50.191 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY011853.D
Acq: 14 Dec 2022 18:12

Tgt Ion: 65 Resp: 83082
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.2

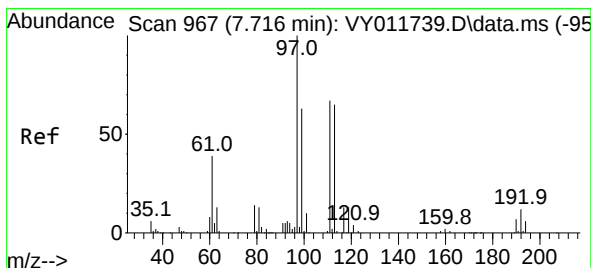
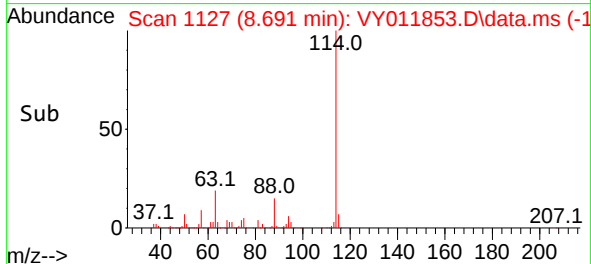
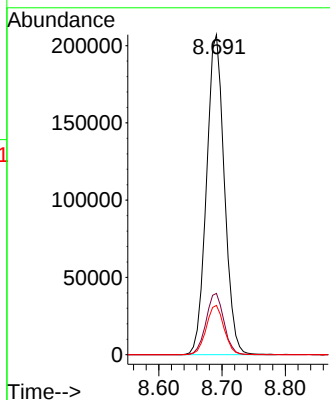
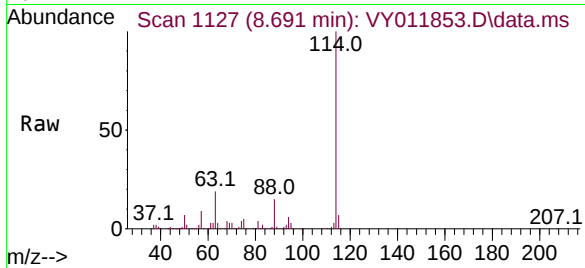




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011853.D
Acq: 14 Dec 2022 18:12

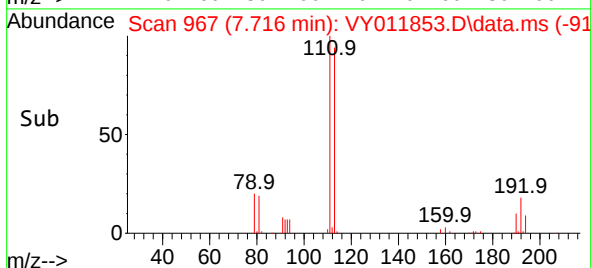
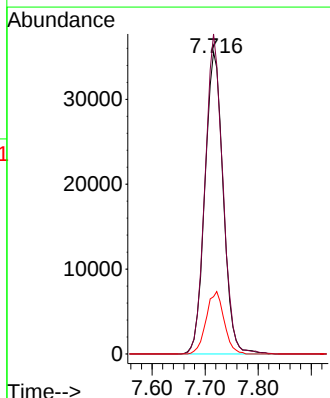
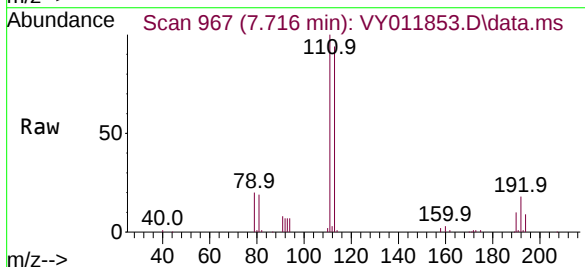
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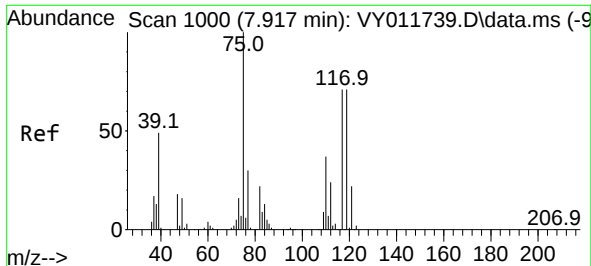
Tgt Ion:	114	Resp:	405585
Ion Ratio	Lower	Upper	
114	100		
63	19.1	0.0	39.6
88	15.4	0.0	32.2



#35
Dibromofluoromethane
Concen: 47.042 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY011853.D
Acq: 14 Dec 2022 18:12

Tgt Ion:	113	Resp:	85184
Ion Ratio	Lower	Upper	
113	100		
111	102.7	83.0	124.4
192	20.3	16.0	24.0





#36

1,1-Dichloropropene

Concen: 5.947 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY011853.D

Acq: 14 Dec 2022 18:12

Instrument :

MSVOA_Y

ClientSampleId :

RB-31-(6.5-8.5)

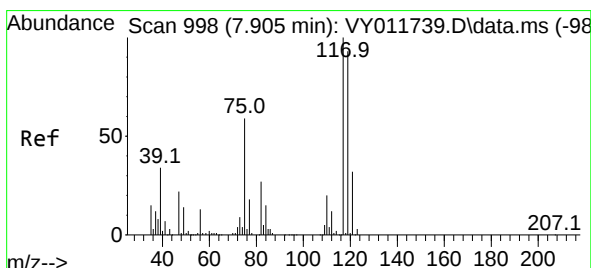
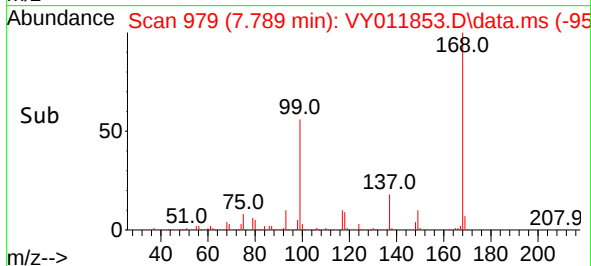
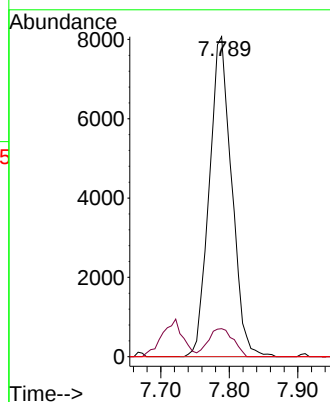
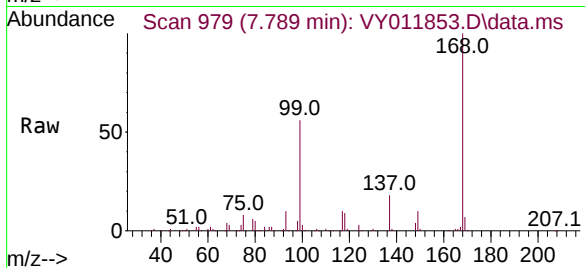
Tgt Ion: 75 Resp: 18302

Ion Ratio Lower Upper

75 100

110 9.8 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.637 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY011853.D

Acq: 14 Dec 2022 18:12

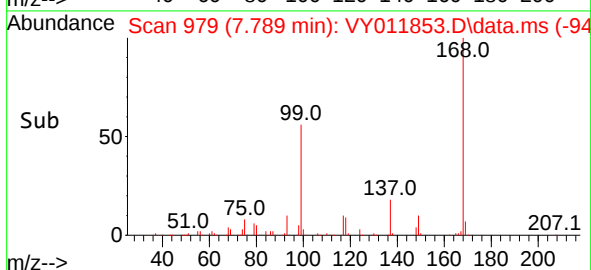
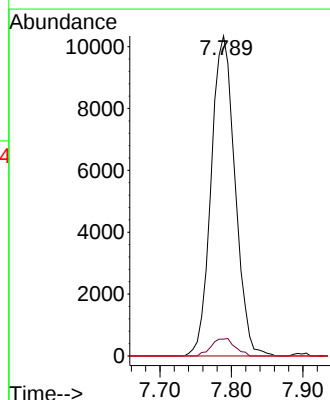
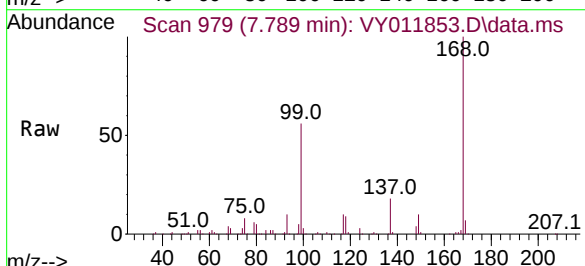
Tgt Ion: 117 Resp: 23996

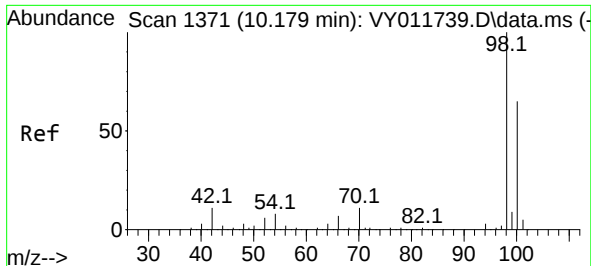
Ion Ratio Lower Upper

117 100

119 5.2 73.8 110.8#

121 0.0 25.2 37.8#

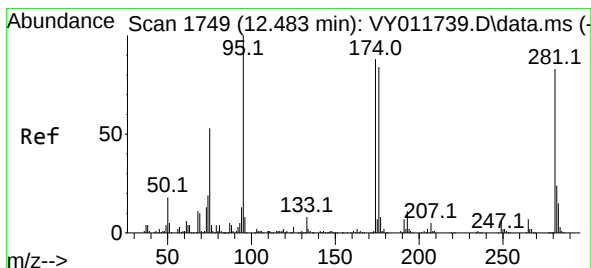
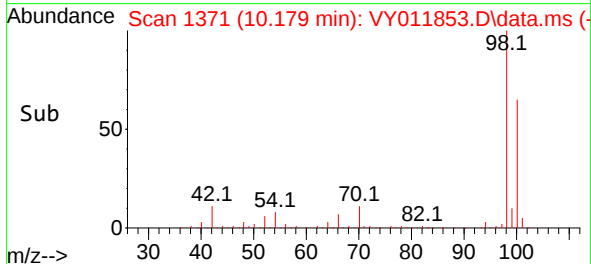
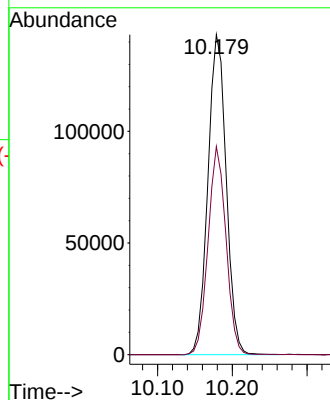
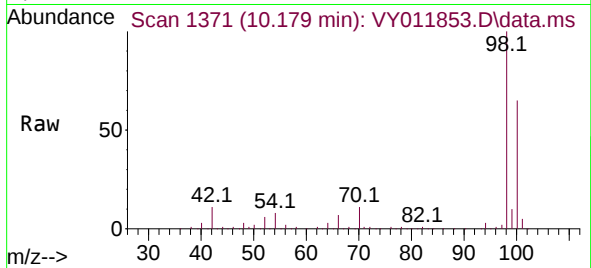




#50
Toluene-d8
Concen: 39.971 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011853.D
Acq: 14 Dec 2022 18:12

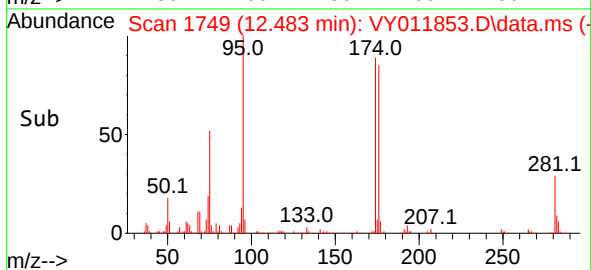
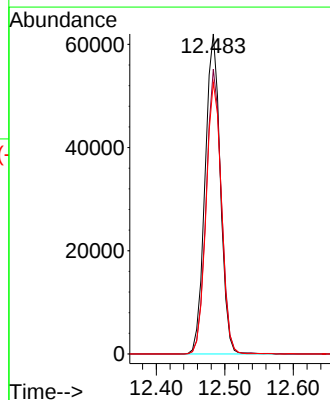
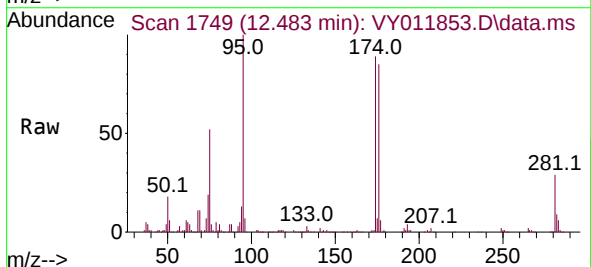
Instrument :
MSVOA_Y
ClientSampleId :
RB-31-(6.5-8.5)

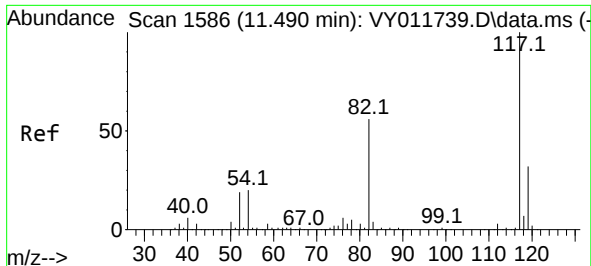
Tgt Ion: 98 Resp: 244014
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 39.895 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011853.D
Acq: 14 Dec 2022 18:12

Tgt Ion: 95 Resp: 95982
Ion Ratio Lower Upper
95 100
174 88.1 0.0 172.0
176 85.5 0.0 167.6

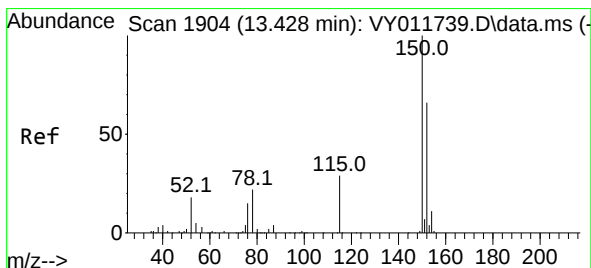
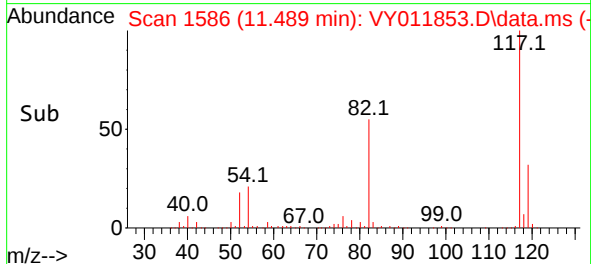
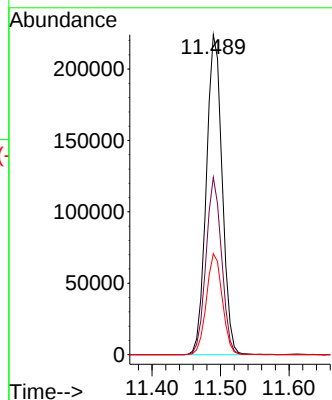
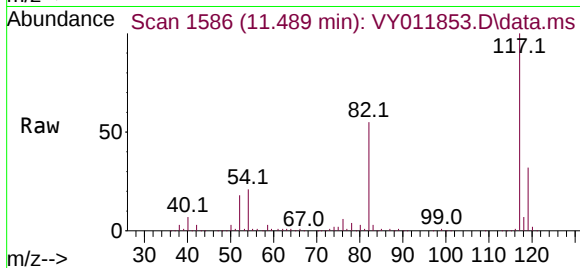




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011853.D
Acq: 14 Dec 2022 18:12

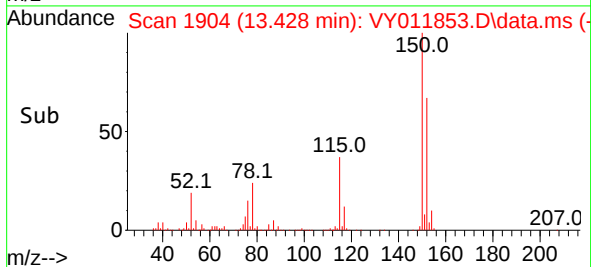
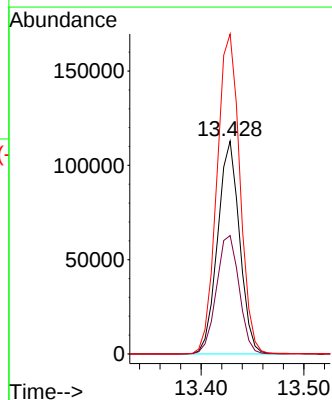
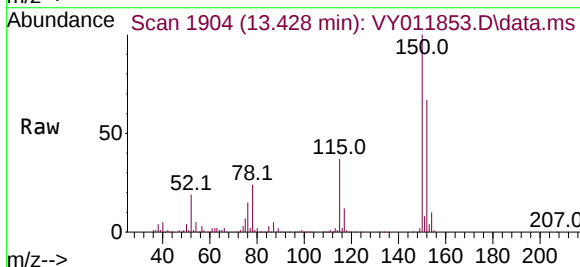
Instrument :
MSVOA_Y
ClientSampleId :
RB-31-(6.5-8.5)

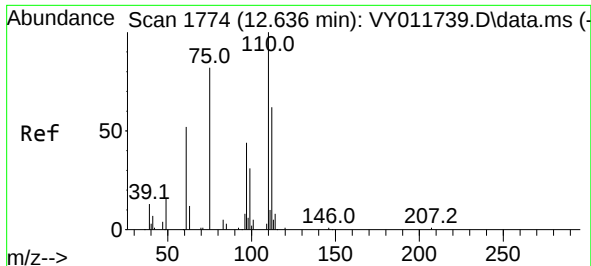
Tgt Ion:117 Resp: 360547
Ion Ratio Lower Upper
117 100
82 55.5 44.8 67.2
119 31.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011853.D
Acq: 14 Dec 2022 18:12

Tgt Ion:152 Resp: 166984
Ion Ratio Lower Upper
152 100
115 57.8 29.1 87.3
150 157.4 0.0 342.6

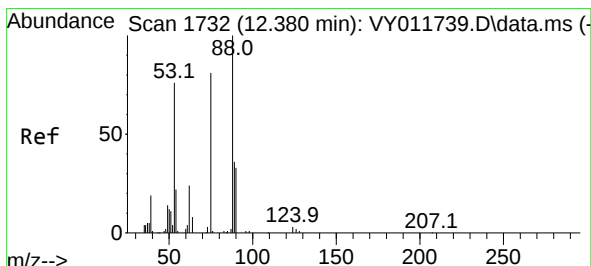
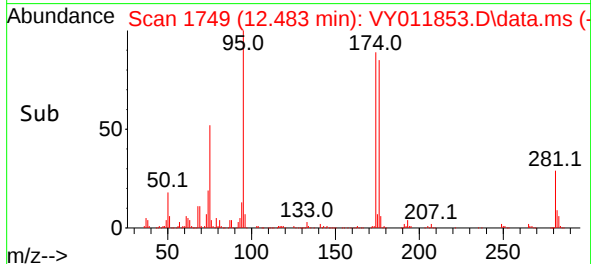
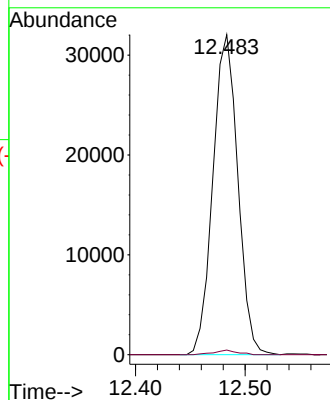
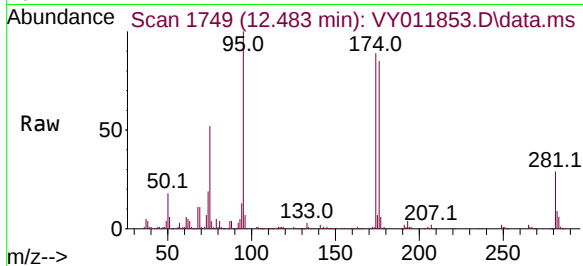




#76
1,2,3-Trichloropropane
Concen: 29.926 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011853.D
Acq: 14 Dec 2022 18:12

Instrument :
MSVOA_Y
ClientSampleId :
RB-31-(6.5-8.5)

Tgt Ion: 75 Resp: 50559
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.909 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011853.D
Acq: 14 Dec 2022 18:12

Tgt Ion: 75 Resp: 50559
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.7 37.0 55.4#

