

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102722\
 Data File : VY011134.D
 Acq On : 27 Oct 2022 13:26
 Operator : KP/MD
 Sample : N5281-02RE
 Misc : 6.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2RE

Quant Time: Oct 28 00:46:28 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)

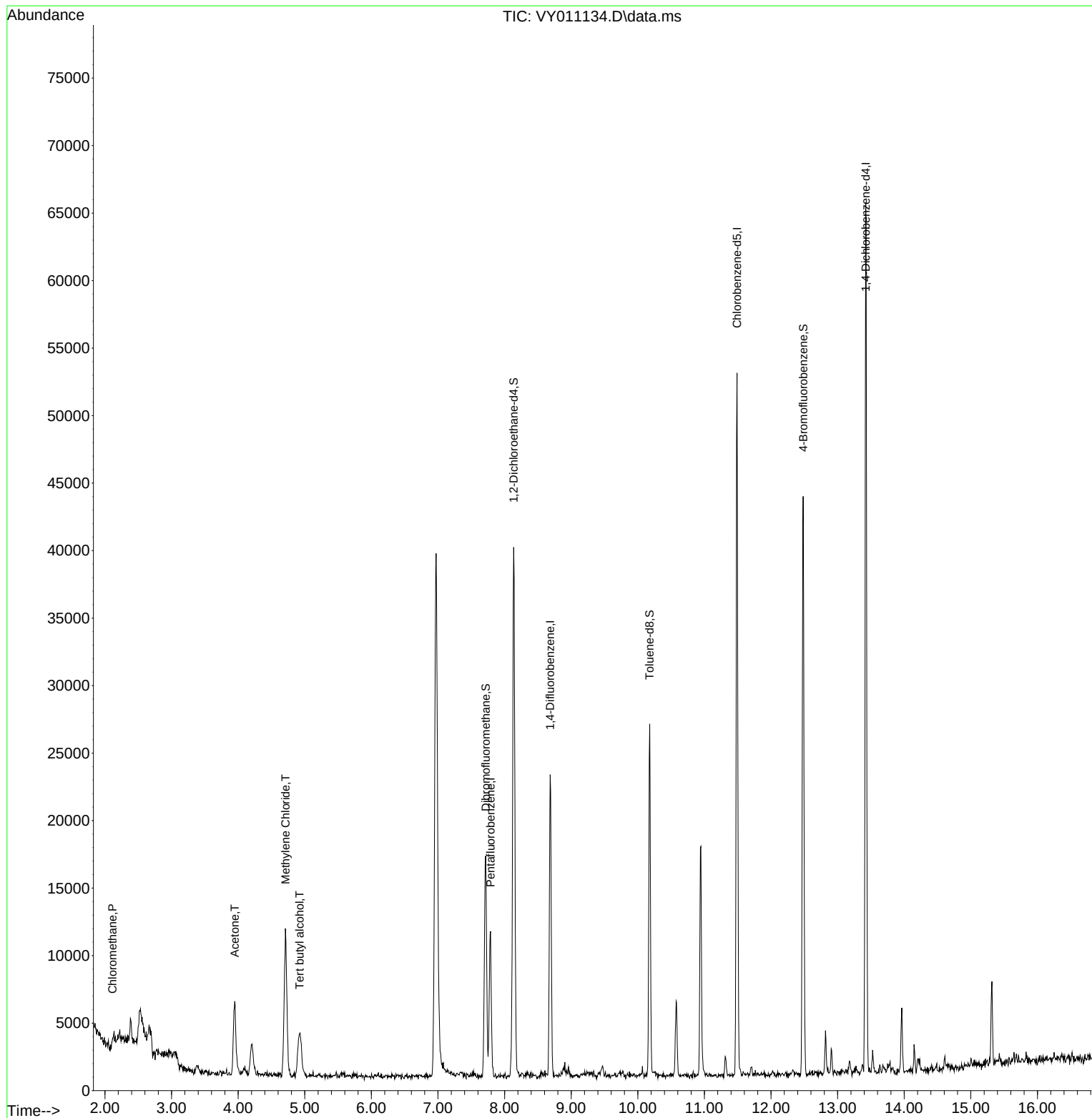
Internal Standards						
1) Pentafluorobenzene	7.789	168	8249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	19804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	30071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	17401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	30136	396.603	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 793.200%#	
35) Dibromofluoromethane	7.716	113	11887	110.277	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 220.560%#	
50) Toluene-d8	10.179	98	17475	42.260	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 84.520%	
62) 4-Bromofluorobenzene	12.483	95	12325	86.378	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 172.760%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	331	4.217	ug/l #	87
11) Tert butyl alcohol	4.924	59	3953	482.282	ug/l #	81
16) Acetone	3.948	43	9928	449.924	ug/l #	83
20) Methylene Chloride	4.710	84	7832	85.994	ug/l #	79

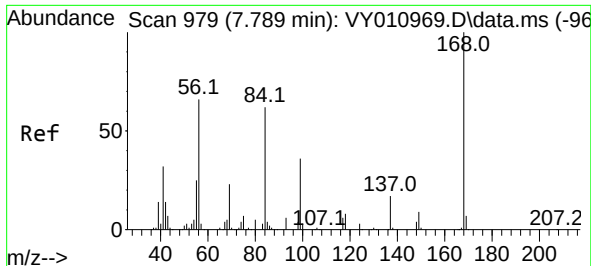
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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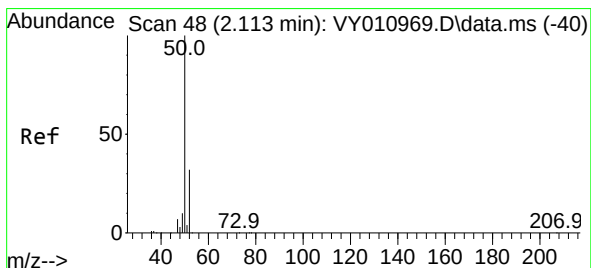
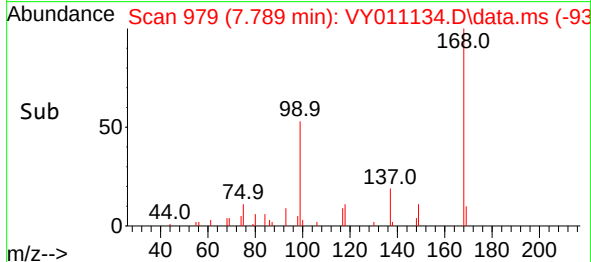
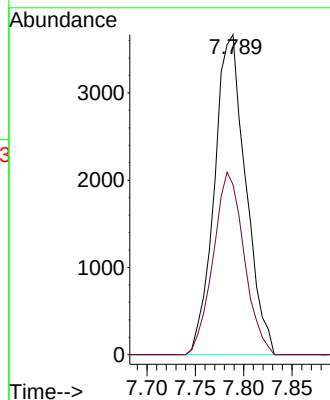
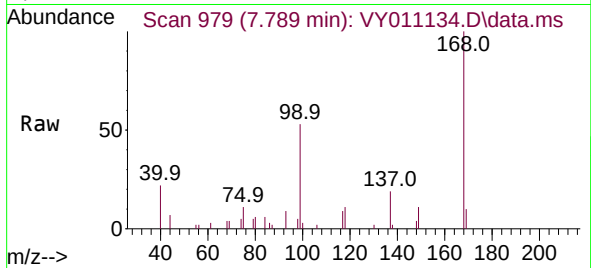




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011134.D
Acq: 27 Oct 2022 13:26

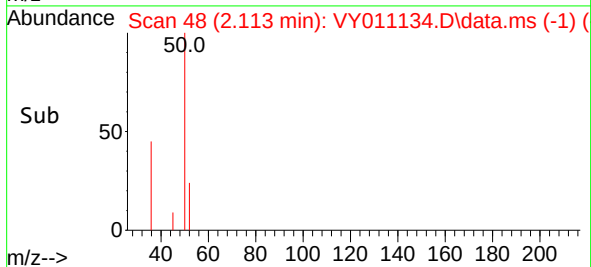
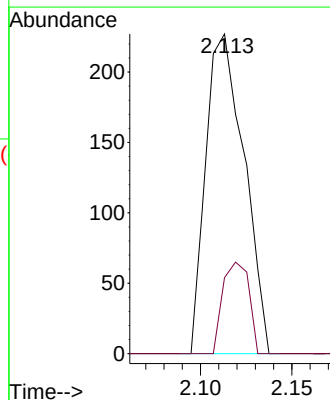
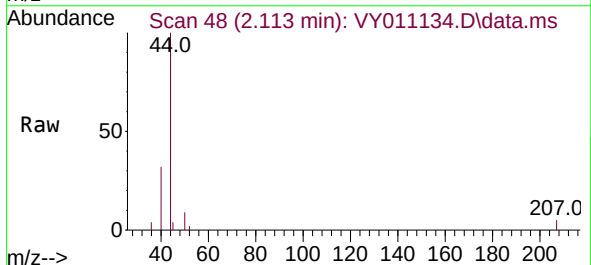
Instrument :
MSVOA_Y
ClientSampleId :
SB-2RE

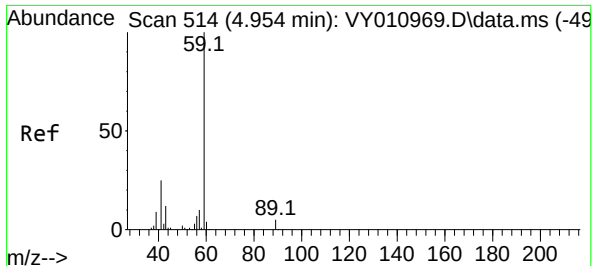
Tgt Ion:168 Resp: 8249
Ion Ratio Lower Upper
168 100
99 53.1 46.9 70.3



#3
Chloromethane
Concen: 4.217 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY011134.D
Acq: 27 Oct 2022 13:26

Tgt Ion: 50 Resp: 331
Ion Ratio Lower Upper
50 100
52 23.8 24.6 37.0#

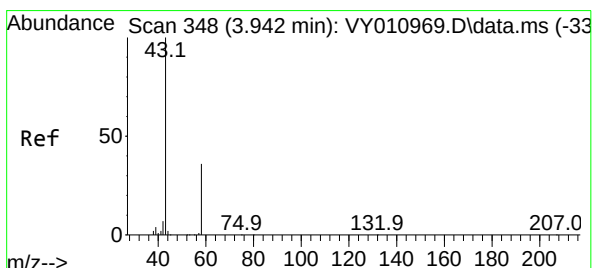
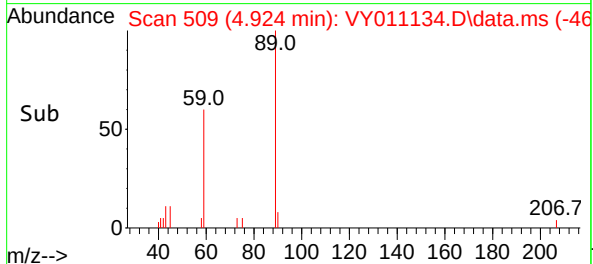
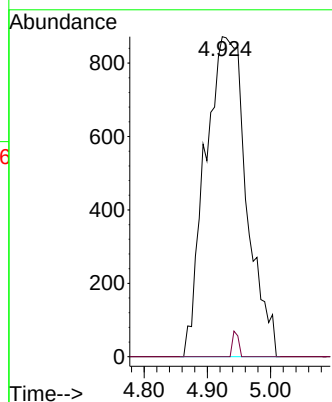
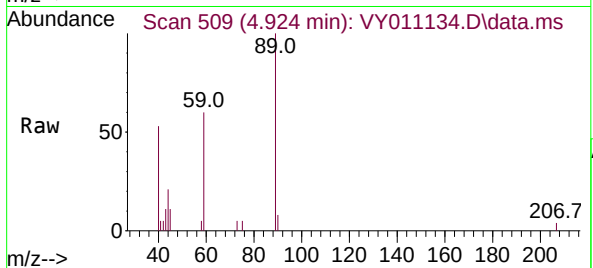




#11
Tert butyl alcohol
Concen: 482.282 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.030 min
Lab File: VY011134.D
Acq: 27 Oct 2022 13:26

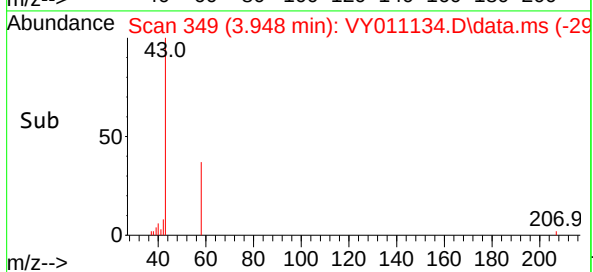
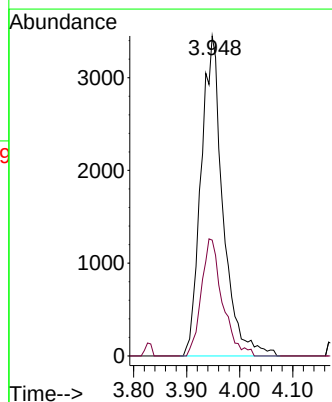
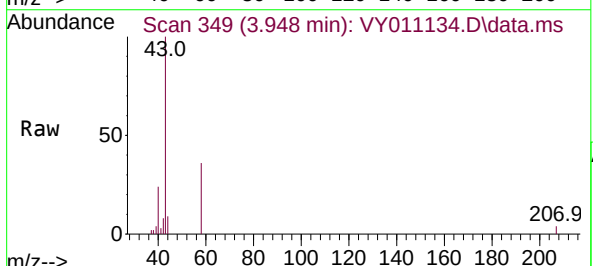
Instrument :
MSVOA_Y
ClientSampleId :
SB-2RE

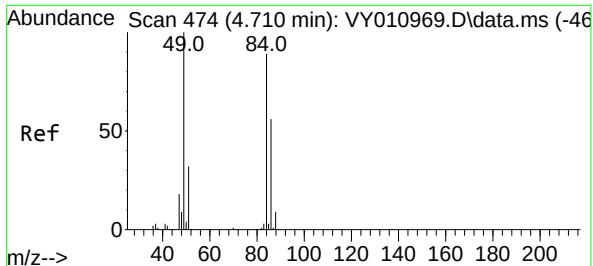
Tgt Ion: 59 Resp: 3953
Ion Ratio Lower Upper
59 100
57 1.2 6.4 9.6#



#16
Acetone
Concen: 449.924 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY011134.D
Acq: 27 Oct 2022 13:26

Tgt Ion: 43 Resp: 9928
Ion Ratio Lower Upper
43 100
58 36.2 22.0 33.0#

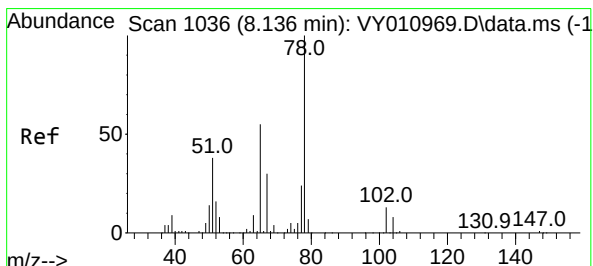
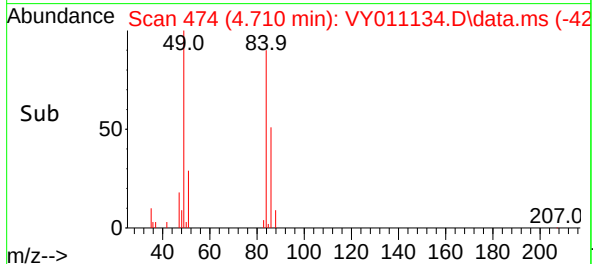
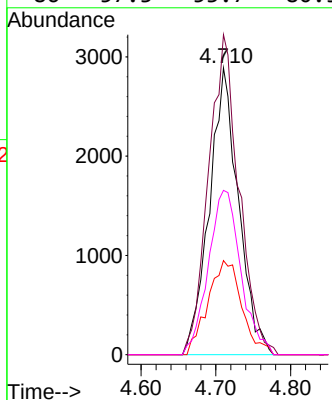
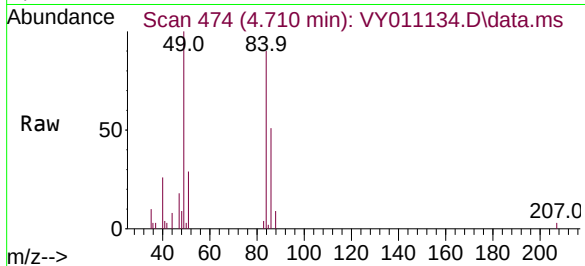




#20
Methylene Chloride
Concen: 85.994 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011134.D
Acq: 27 Oct 2022 13:26

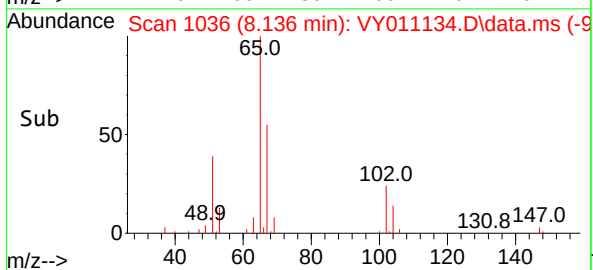
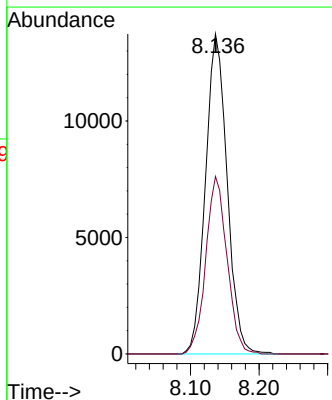
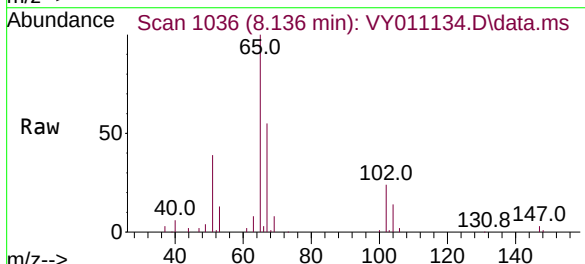
Instrument :
MSVOA_Y
ClientSampleId :
SB-2RE

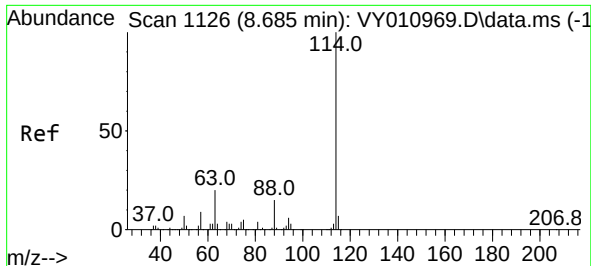
Tgt Ion: 84 Resp: 7832
Ion Ratio Lower Upper
84 100
49 111.6 114.4 171.6#
51 32.8 35.3 52.9#
86 57.3 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 396.603 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011134.D
Acq: 27 Oct 2022 13:26

Tgt Ion: 65 Resp: 30136
Ion Ratio Lower Upper
65 100
67 54.4 0.0 99.4

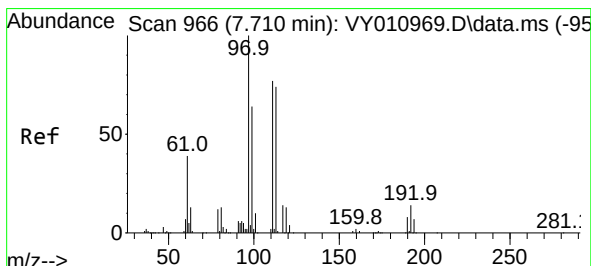
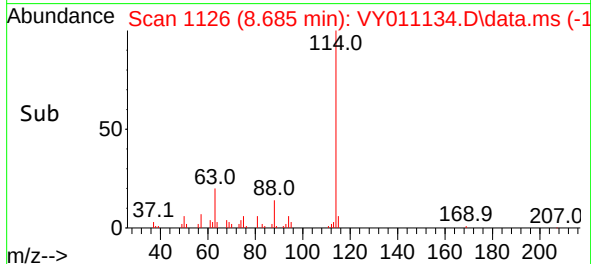
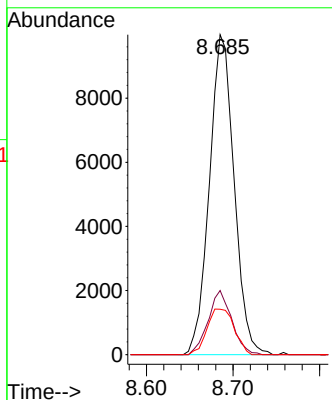
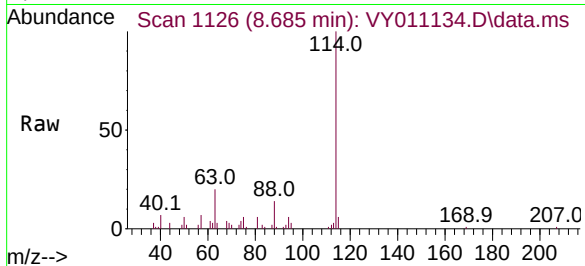




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011134.D
Acq: 27 Oct 2022 13:26

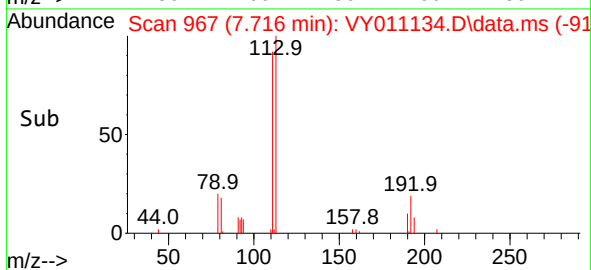
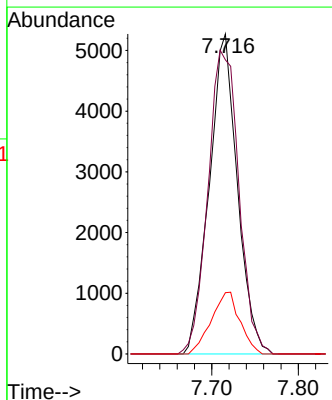
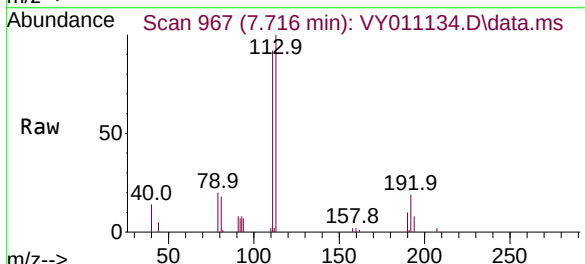
Instrument :
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ClientSampleId :
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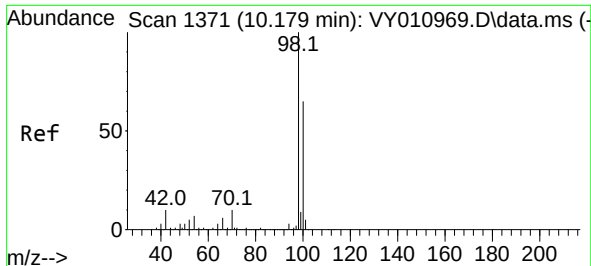
Tgt Ion:114	Resp:	19804
Ion	Ratio	Lower Upper
114	100	
63	20.1	0.0 43.2
88	14.2	0.0 31.8



#35
Dibromofluoromethane
Concen: 110.277 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011134.D
Acq: 27 Oct 2022 13:26

Tgt Ion:113	Resp:	11887
Ion	Ratio	Lower Upper
113	100	
111	104.4	82.6 124.0
192	19.7	17.6 26.4

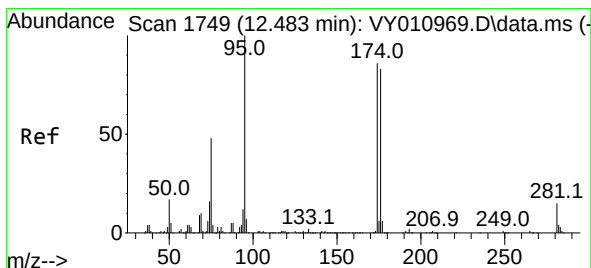
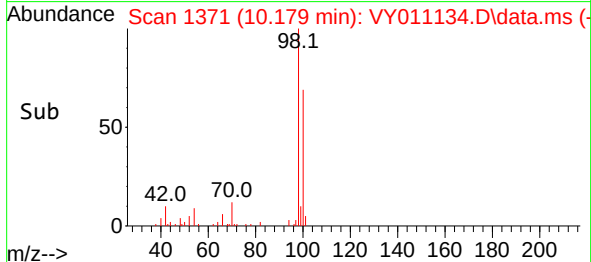
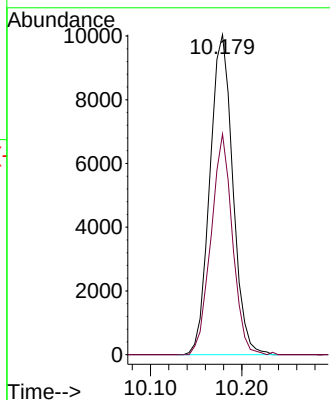
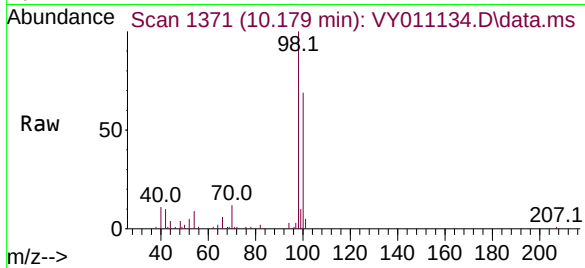




#50
Toluene-d8
Concen: 42.260 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011134.D
Acq: 27 Oct 2022 13:26

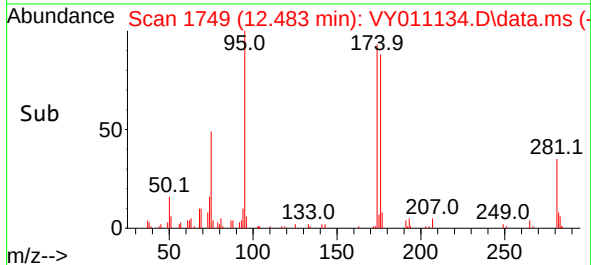
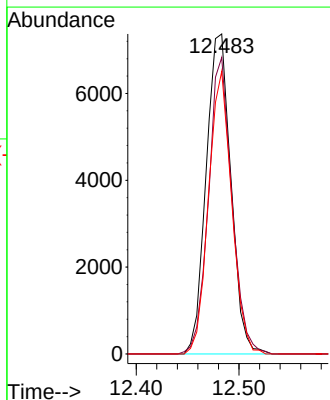
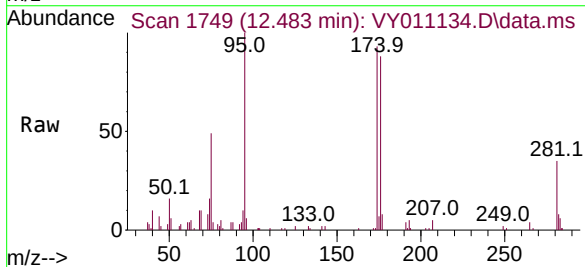
Instrument :
MSVOA_Y
ClientSampleId :
SB-2RE

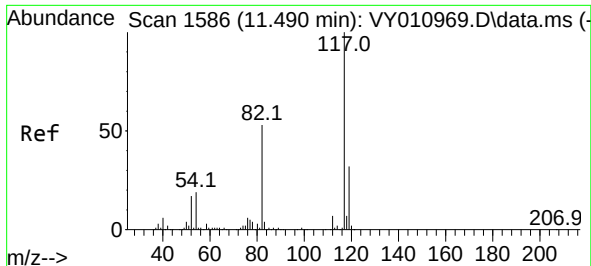
Tgt Ion: 98 Resp: 17475
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 86.378 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011134.D
Acq: 27 Oct 2022 13:26

Tgt Ion: 95 Resp: 12325
Ion Ratio Lower Upper
95 100
174 87.5 0.0 177.0
176 82.5 0.0 175.8

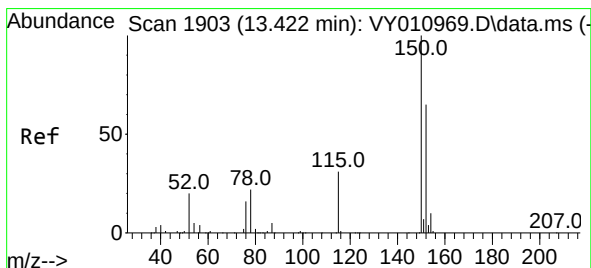
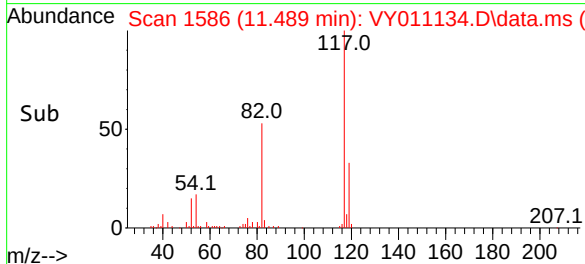
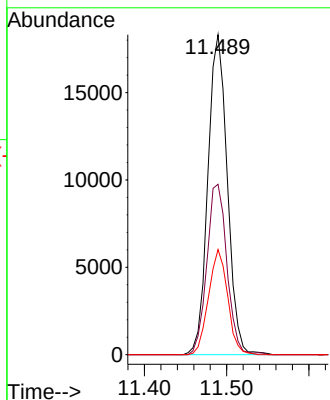
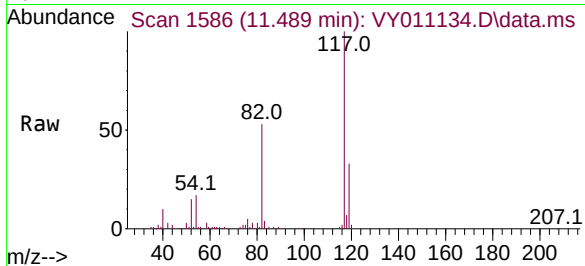




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011134.D
Acq: 27 Oct 2022 13:26

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:117 Resp: 30071
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 32.8 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: VY011134.D
Acq: 27 Oct 2022 13:26

Tgt Ion:152 Resp: 17401
Ion Ratio Lower Upper
152 100
115 59.4 28.2 84.7
150 162.5 0.0 347.6

