

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015245.D
 Acq On : 22 Aug 2023 15:27
 Operator : SY/MD
 Sample : 04082-05
 Misc : 4.27g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11929

Quant Time: Aug 23 00:49:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

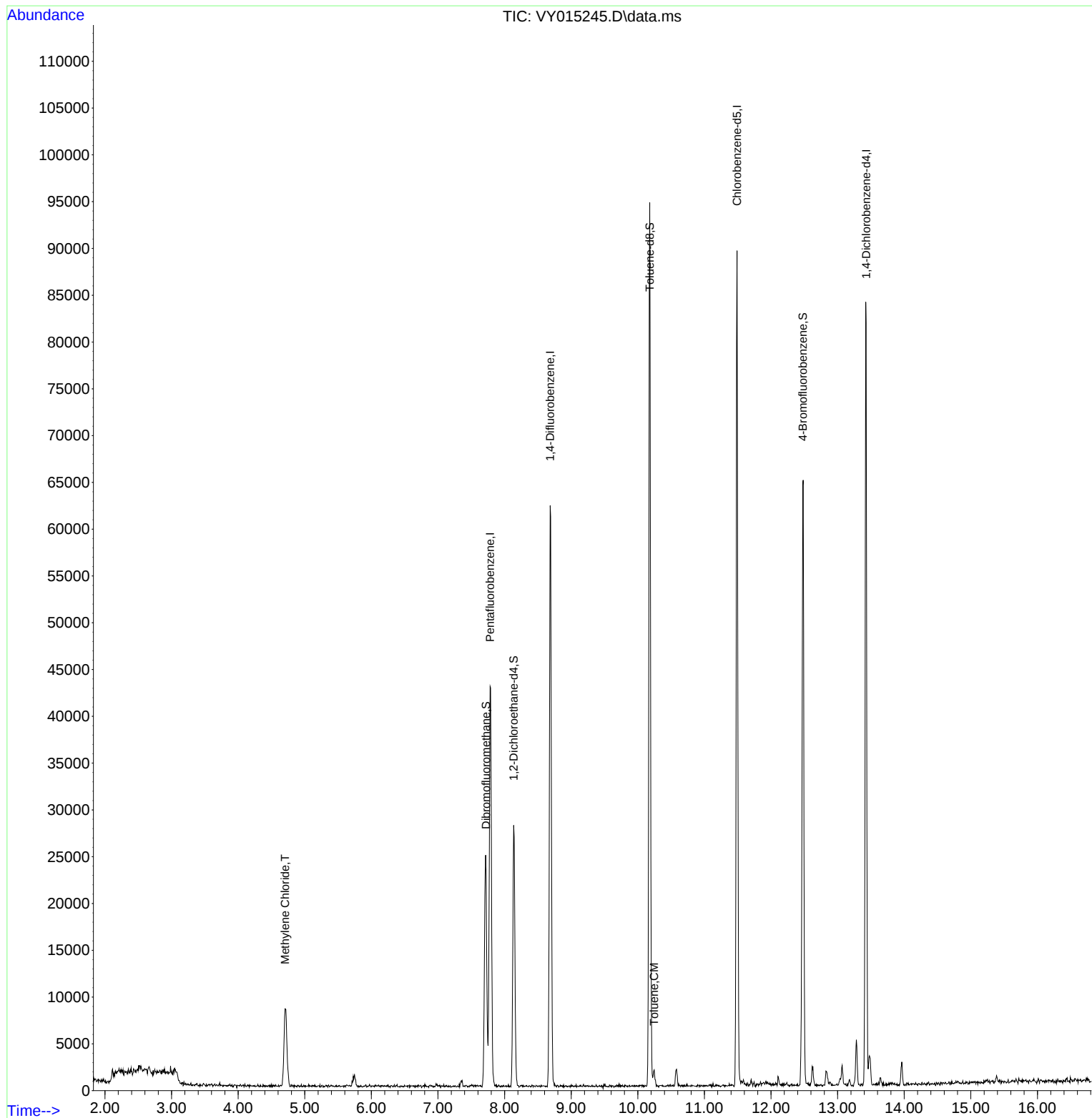
Internal Standards						
1) Pentafluorobenzene	7.782	168	33583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	54158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	47582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	21884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	21614	53.615	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.240%			
35) Dibromofluoromethane	7.721	113	17391	49.914	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.820%			
50) Toluene-d8	10.178	98	61552	47.457	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 94.920%			
62) 4-Bromofluorobenzene	12.477	95	19662	41.505	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 83.000%			
Target Compounds						
20) Methylene Chloride	4.704	84	6394	17.436	ug/l	95
52) Toluene	10.245	92	829	1.079	ug/l	94

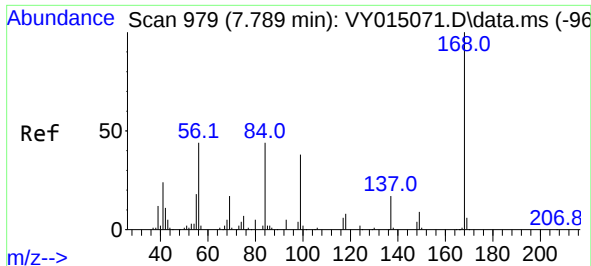
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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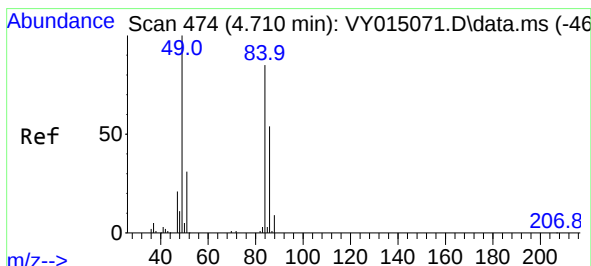
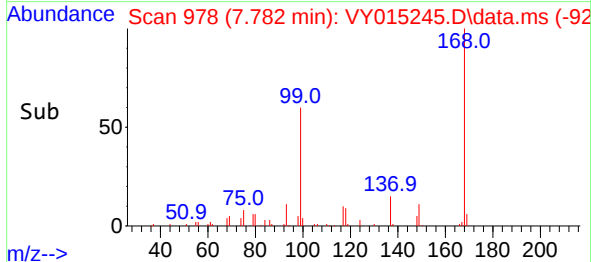
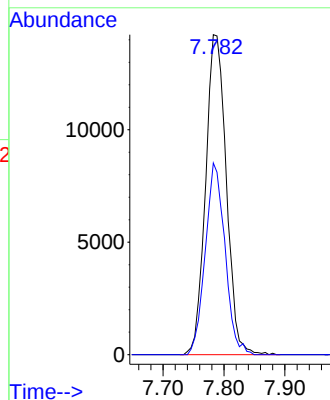
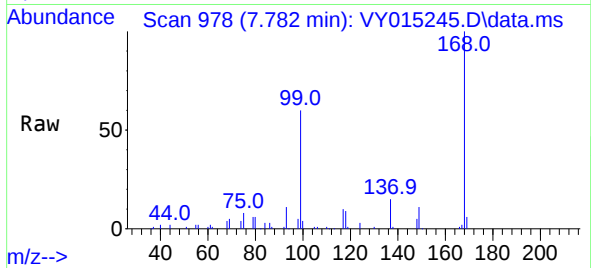




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY015245.D
Acq: 22 Aug 2023 15:27

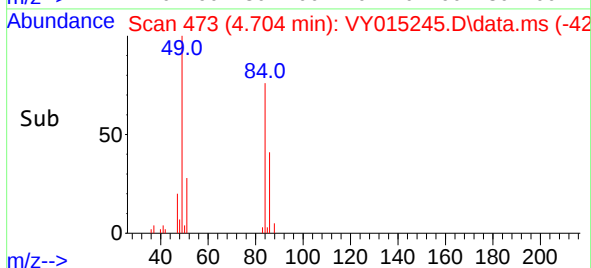
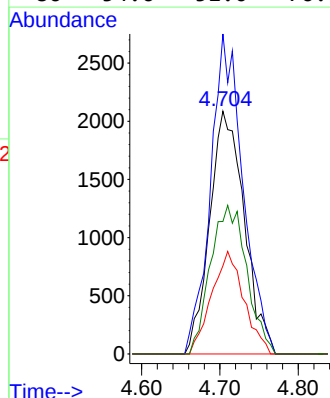
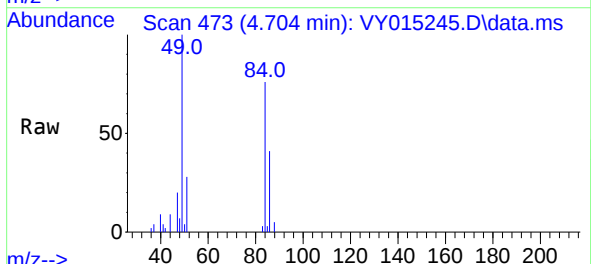
Instrument :
MSVOA_Y
ClientSampleId :
72-11929

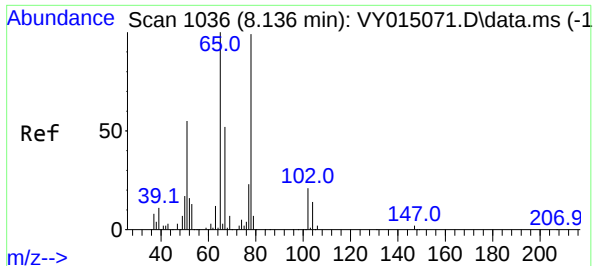
Tgt Ion:168 Resp: 33583
Ion Ratio Lower Upper
168 100
99 59.9 43.4 65.0



#20
Methylene Chloride
Concen: 17.436 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015245.D
Acq: 22 Aug 2023 15:27

Tgt Ion: 84 Resp: 6394
Ion Ratio Lower Upper
84 100
49 131.9 106.9 160.3
51 36.3 33.2 49.8
86 54.6 51.0 76.6

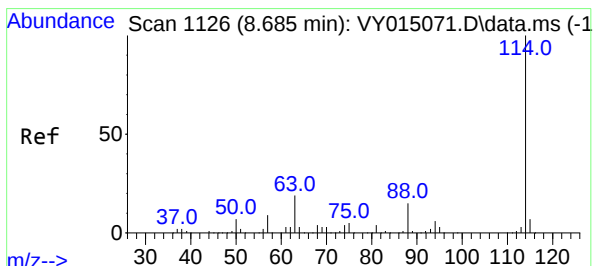
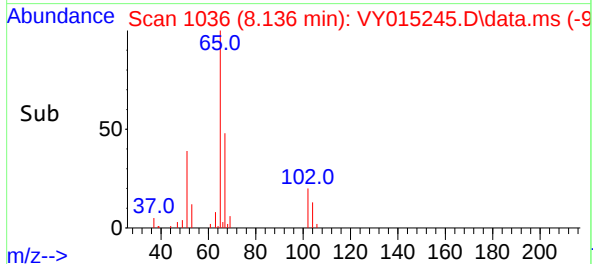
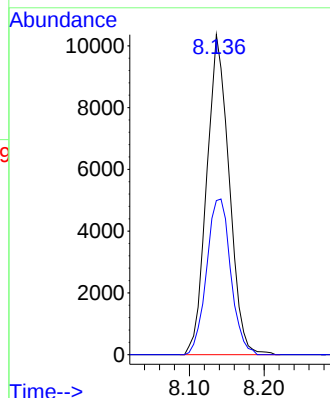
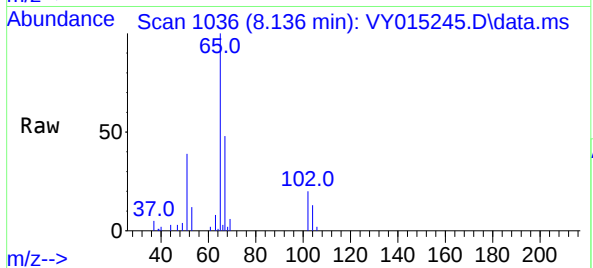




#33
1,2-Dichloroethane-d4
Concen: 53.615 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015245.D
Acq: 22 Aug 2023 15:27

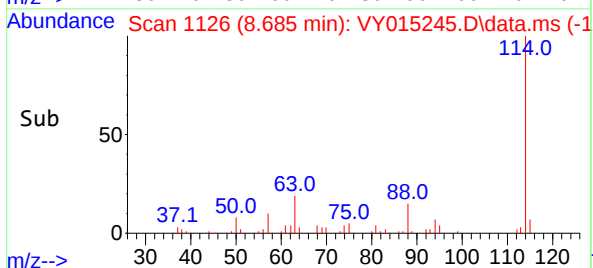
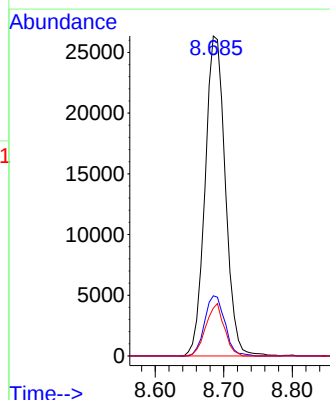
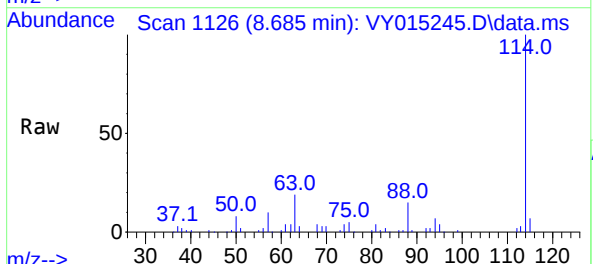
Instrument :
MSVOA_Y
ClientSampleId :
72-11929

Tgt Ion: 65 Resp: 21614
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY015245.D
Acq: 22 Aug 2023 15:27

Tgt Ion: 114 Resp: 54158
Ion Ratio Lower Upper
114 100
63 18.8 0.0 42.4
88 15.0 0.0 30.6

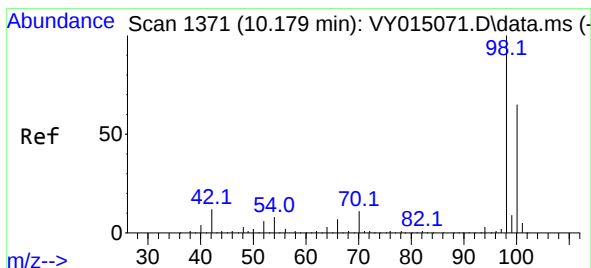
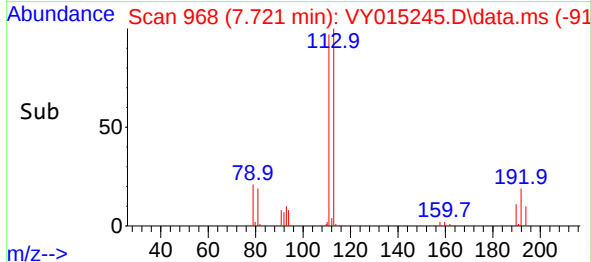
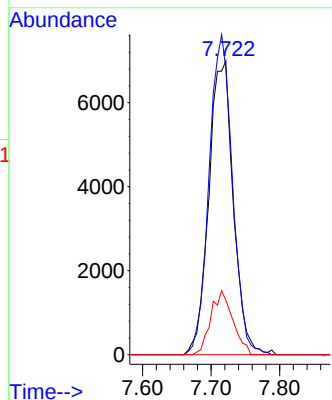
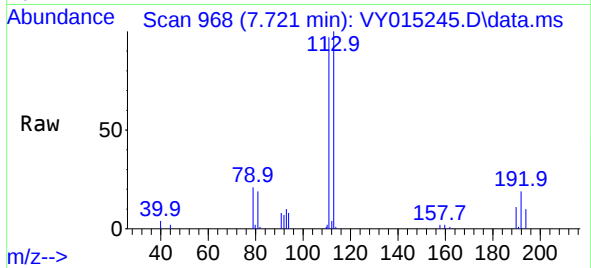




#35
Dibromofluoromethane
Concen: 49.914 ug/l
RT: 7.721 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY015245.D
Acq: 22 Aug 2023 15:27

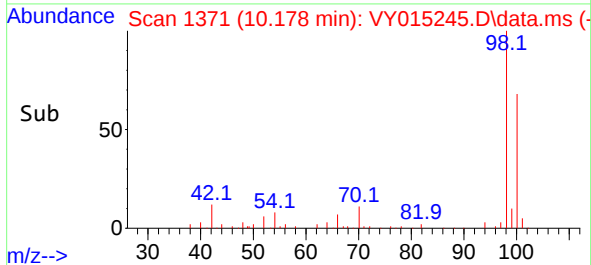
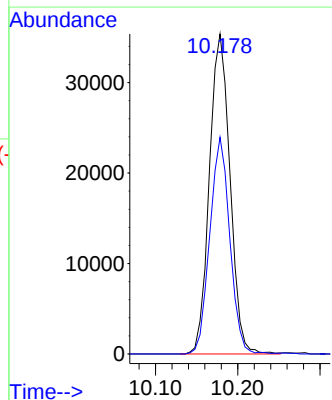
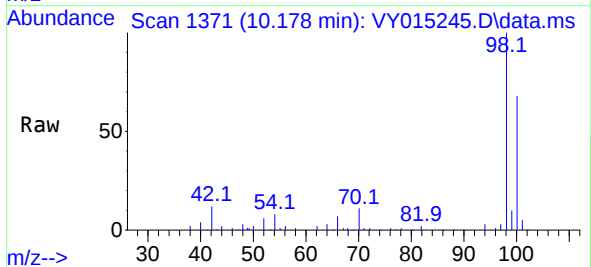
Instrument :
MSVOA_Y
ClientSampleId :
72-11929

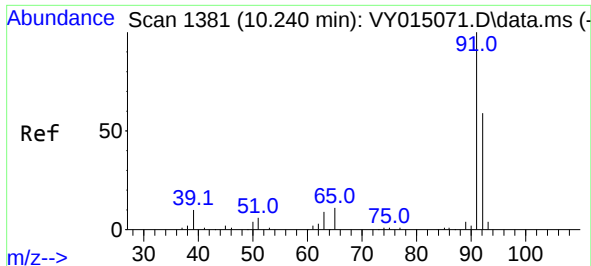
Tgt Ion:113 Resp: 17391
Ion Ratio Lower Upper
113 100
111 103.8 81.3 121.9
192 19.5 16.9 25.3



#50
Toluene-d8
Concen: 47.457 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015245.D
Acq: 22 Aug 2023 15:27

Tgt Ion: 98 Resp: 61552
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1

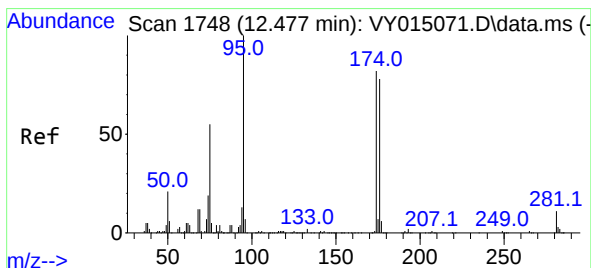
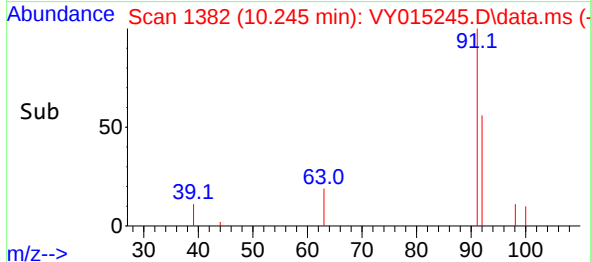
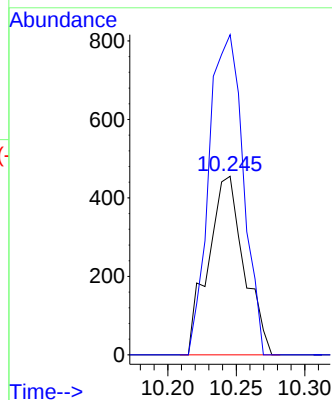
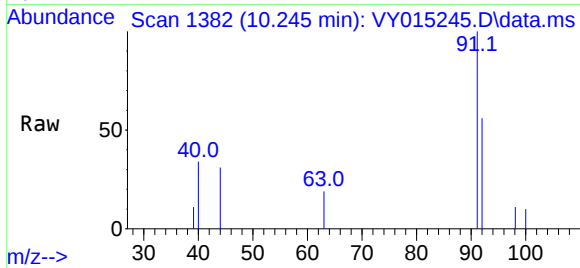




#52
Toluene
Concen: 1.079 ug/l
RT: 10.245 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015245.D
Acq: 22 Aug 2023 15:27

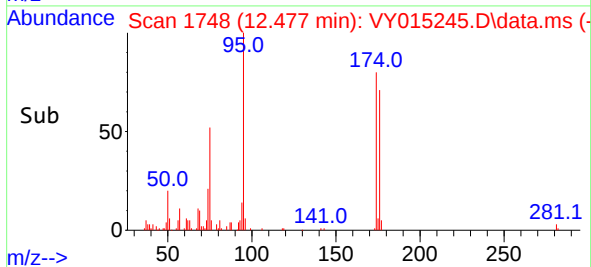
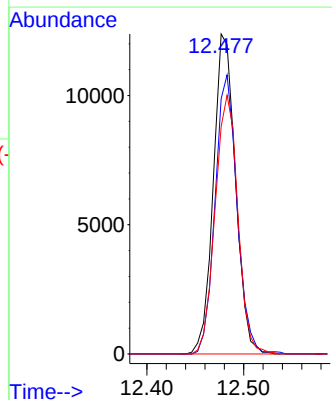
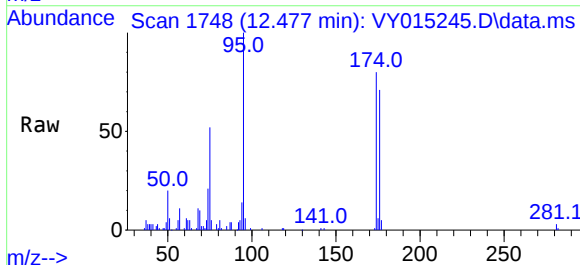
Instrument :
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ClientSampleId :
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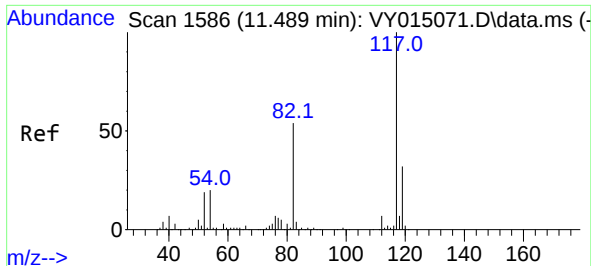
Tgt Ion: 92 Resp: 829
Ion Ratio Lower Upper
92 100
91 171.5 143.8 215.6



#62
4-Bromofluorobenzene
Concen: 41.505 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015245.D
Acq: 22 Aug 2023 15:27

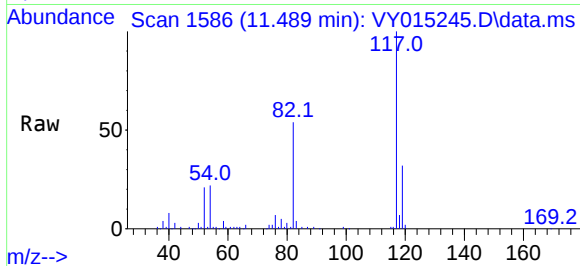
Tgt Ion: 95 Resp: 19662
Ion Ratio Lower Upper
95 100
174 86.5 0.0 178.2
176 83.0 0.0 173.8



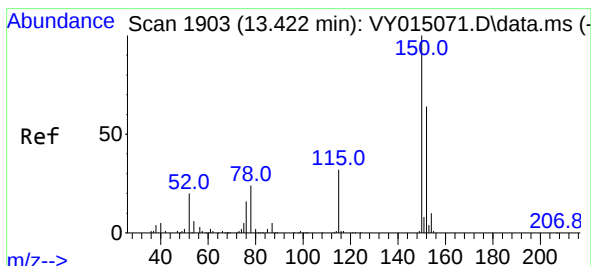
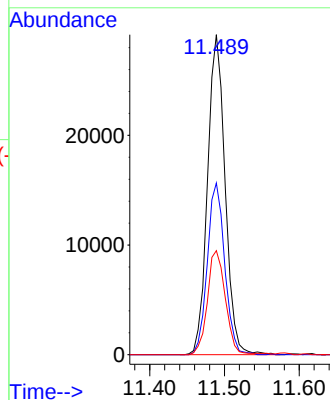
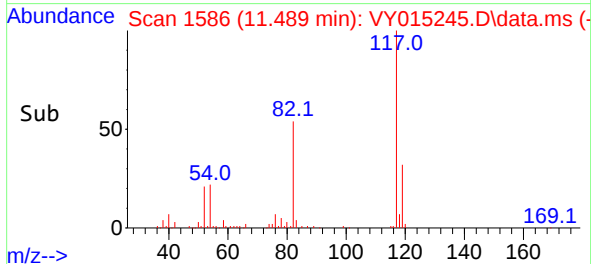


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY015245.D
Acq: 22 Aug 2023 15:27

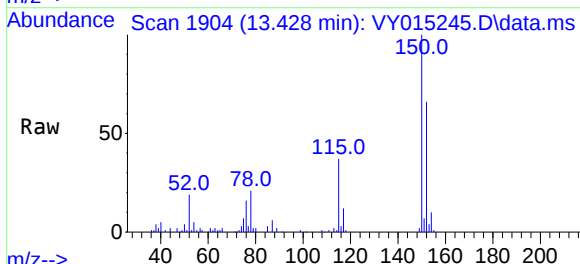
Instrument :
MSVOA_Y
ClientSampleId :
72-11929



Tgt Ion:	117	Resp:	47582
Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.4	65.0
119	32.5	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015245.D
Acq: 22 Aug 2023 15:27



Tgt Ion:	152	Resp:	21884
Ion	Ratio	Lower	Upper
152	100		
115	57.7	28.8	86.5
150	158.4	0.0	348.8

