

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082423\
 Data File : VY015325.D
 Acq On : 24 Aug 2023 20:25
 Operator : SY/MD
 Sample : 04147-03
 Misc : 3.42g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03(48-50)

Quant Time: Aug 25 03:26:43 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)

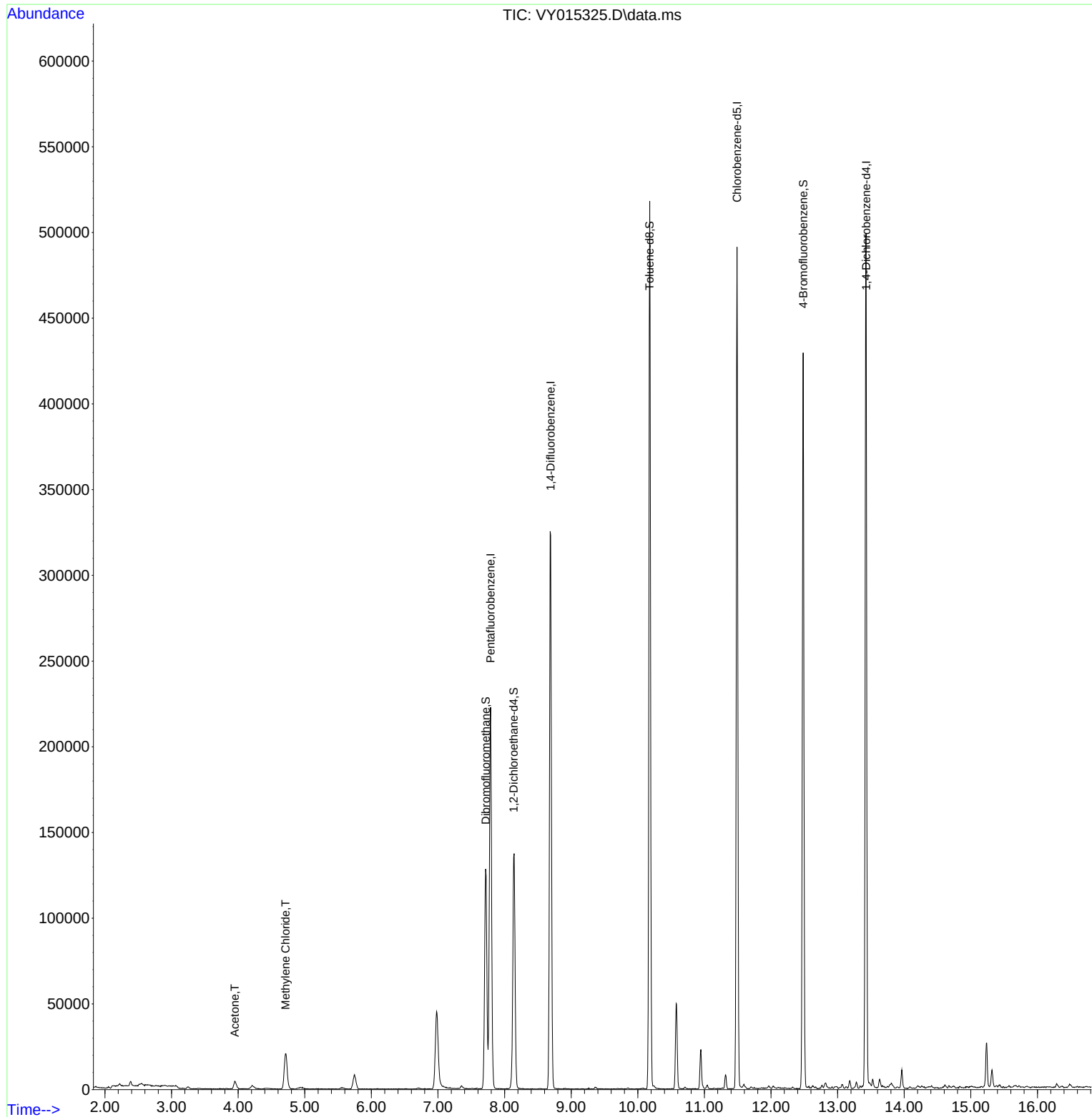
Internal Standards						
1) Pentafluorobenzene	7.789	168	173902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	286374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	262556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	108877	52.156	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.320%			
35) Dibromofluoromethane	7.716	113	90830	49.301	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.600%			
50) Toluene-d8	10.179	98	332612	48.498	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.000%			
62) 4-Bromofluorobenzene	12.483	95	119805	47.827	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.660%			
Target Compounds					Qvalue	
16) Acetone	3.948	43	8214	12.045	ug/l	92
20) Methylene Chloride	4.710	84	16555	6.353	ug/l	89

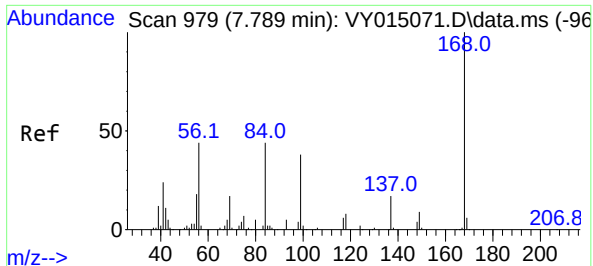
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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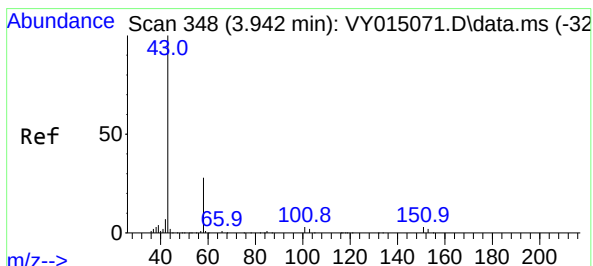
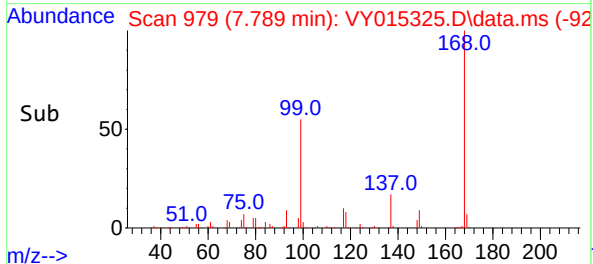
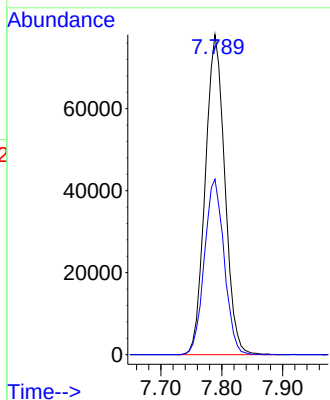
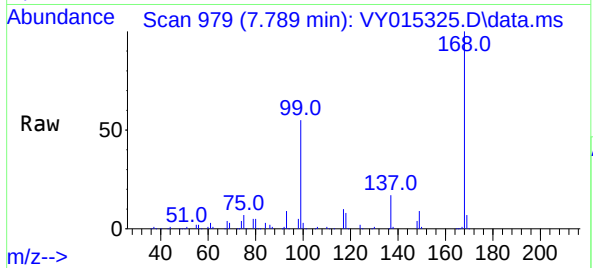




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015325.D
Acq: 24 Aug 2023 20:25

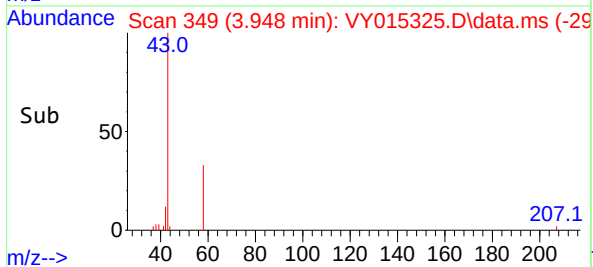
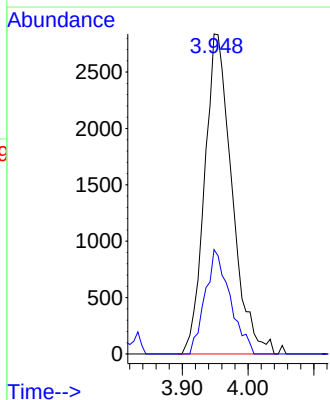
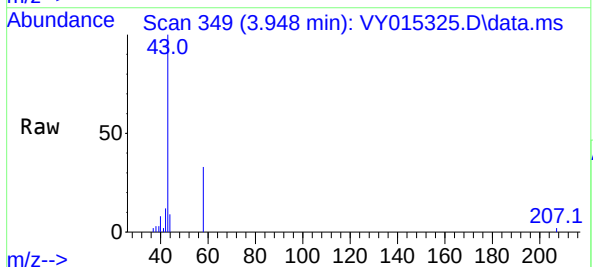
Instrument :
MSVOA_Y
ClientSampleId :
SB-03(48-50)

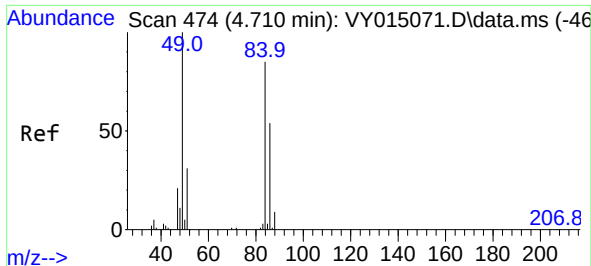
Tgt Ion:168 Resp: 173902
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#16
Acetone
Concen: 12.045 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015325.D
Acq: 24 Aug 2023 20:25

Tgt Ion: 43 Resp: 8214
Ion Ratio Lower Upper
43 100
58 32.6 22.7 34.1



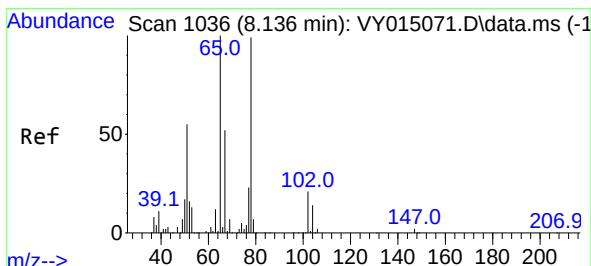
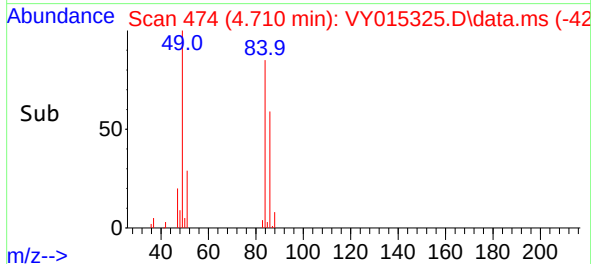
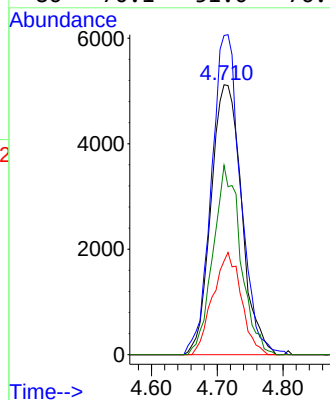
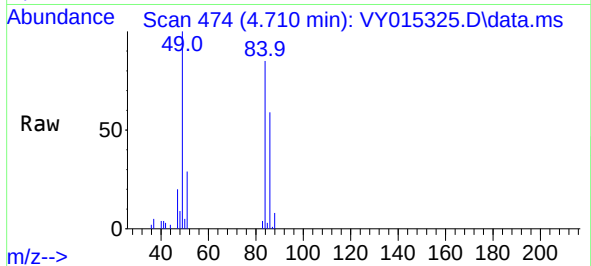


#20
Methylene Chloride
Concen: 6.353 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015325.D
Acq: 24 Aug 2023 20:25

Instrument :
MSVOA_Y
ClientSampleId :
SB-03(48-50)

Tgt Ion: 84 Resp: 16555

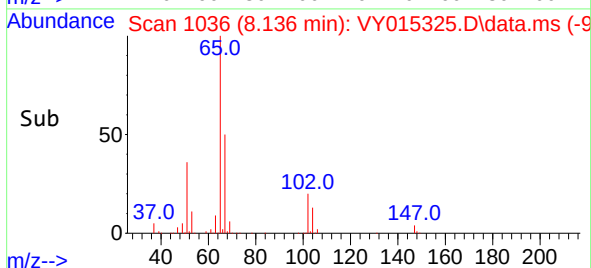
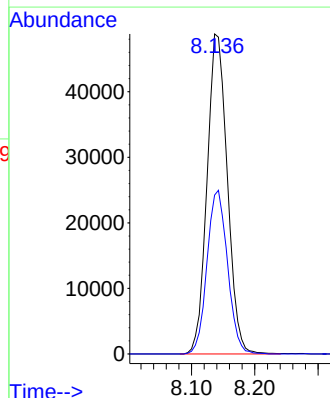
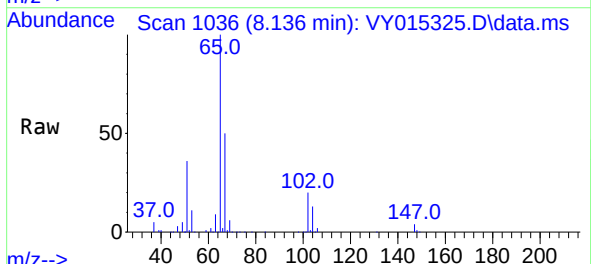
Ion	Ratio	Lower	Upper
84	100		
49	118.3	106.9	160.3
51	34.7	33.2	49.8
86	70.1	51.0	76.6

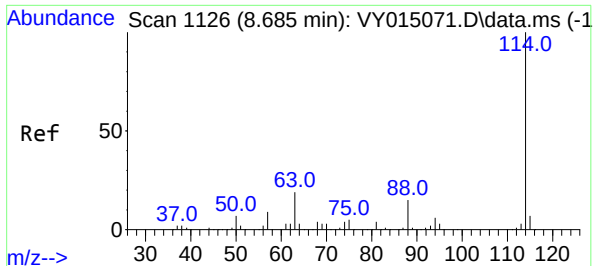


#33
1,2-Dichloroethane-d4
Concen: 52.156 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015325.D
Acq: 24 Aug 2023 20:25

Tgt Ion: 65 Resp: 108877

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	101.8

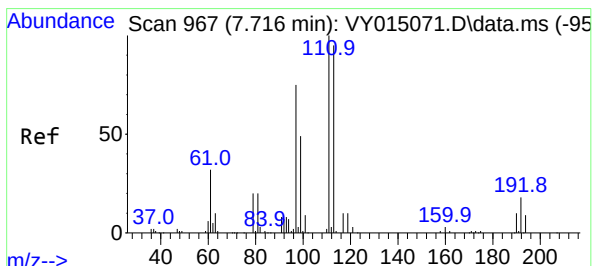
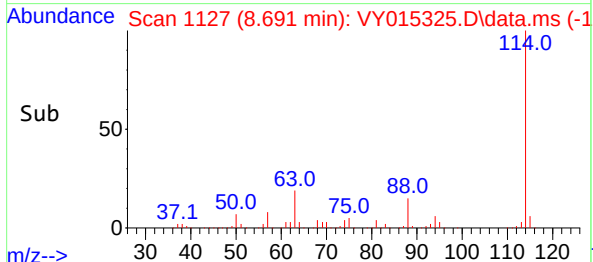
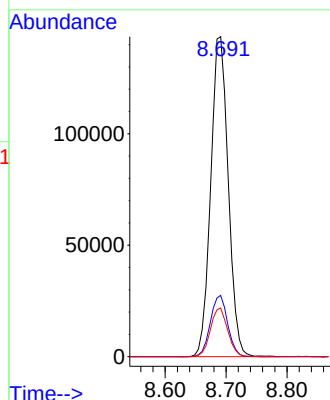
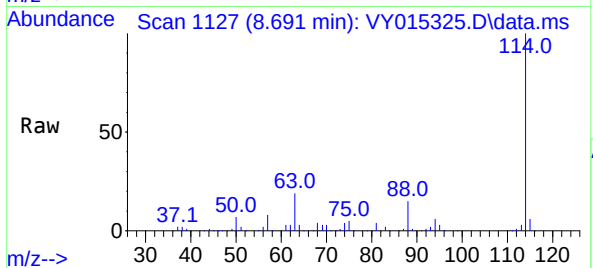




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015325.D
Acq: 24 Aug 2023 20:25

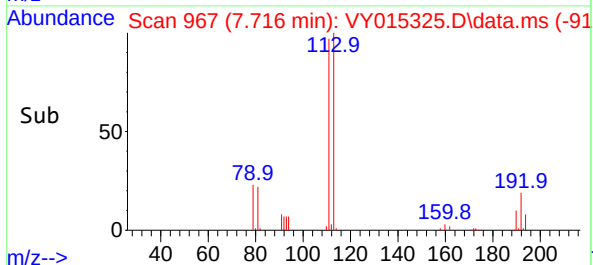
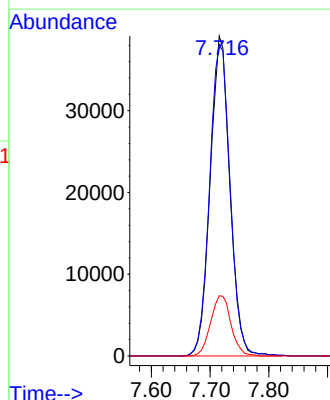
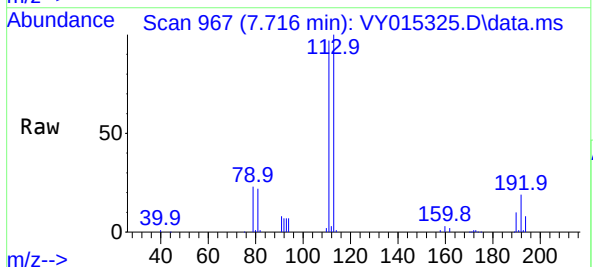
Instrument :
MSVOA_Y
ClientSampleId :
SB-03(48-50)

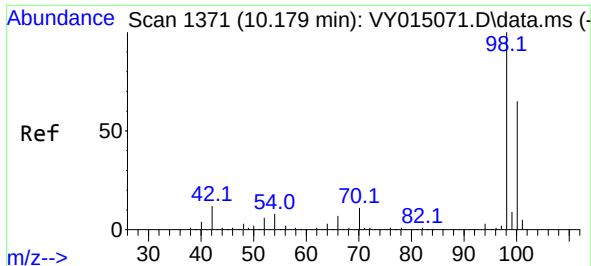
Tgt Ion:114 Resp: 286374
Ion Ratio Lower Upper
114 100
63 19.1 0.0 42.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.301 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015325.D
Acq: 24 Aug 2023 20:25

Tgt Ion:113 Resp: 90830
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 19.5 16.9 25.3

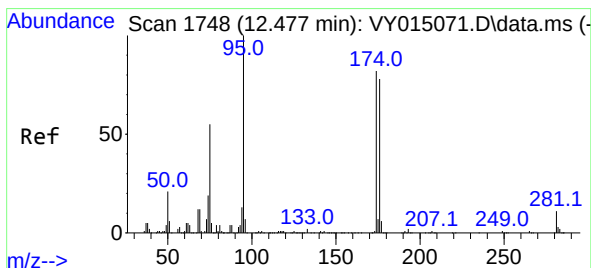
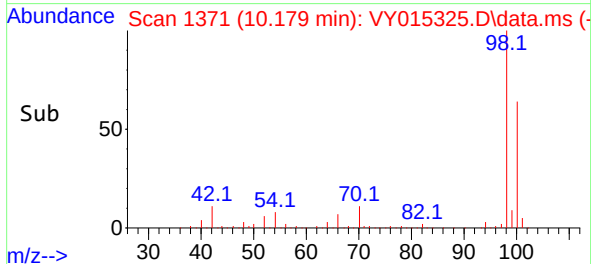
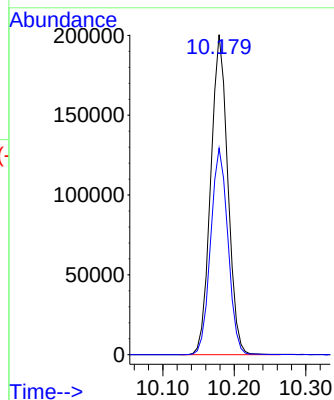
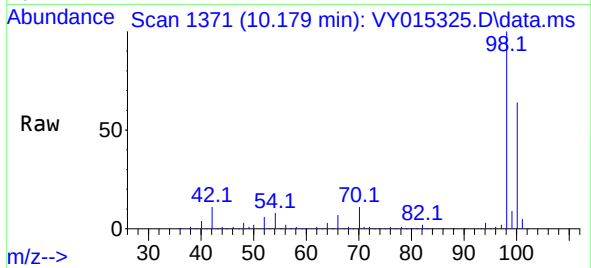




#50
Toluene-d8
Concen: 48.498 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015325.D
Acq: 24 Aug 2023 20:25

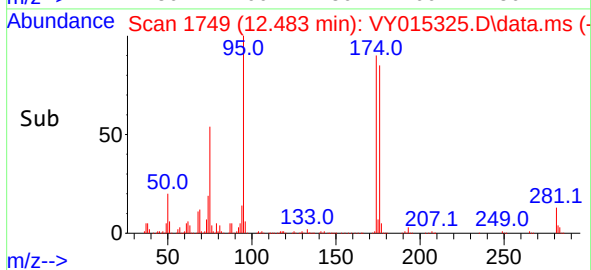
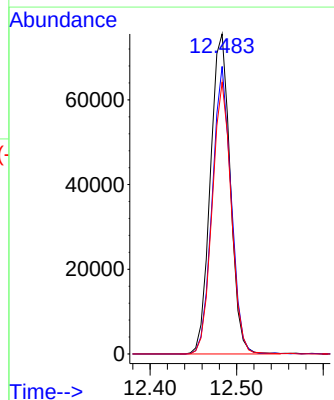
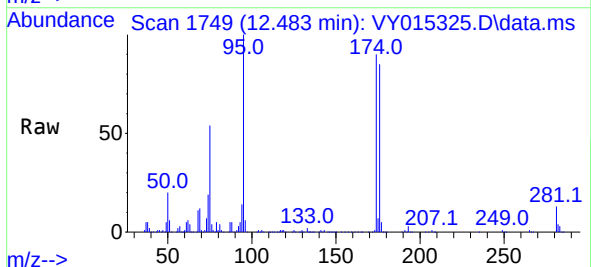
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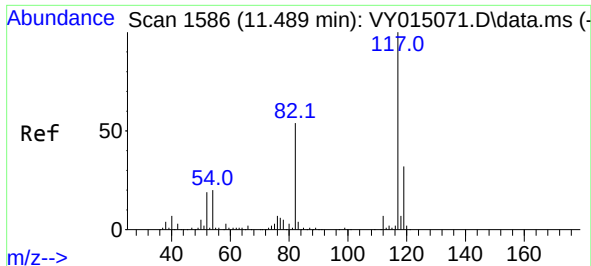
Tgt Ion: 98 Resp: 332612
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.827 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015325.D
Acq: 24 Aug 2023 20:25

Tgt Ion: 95 Resp: 119805
Ion Ratio Lower Upper
95 100
174 85.6 0.0 178.2
176 81.9 0.0 173.8

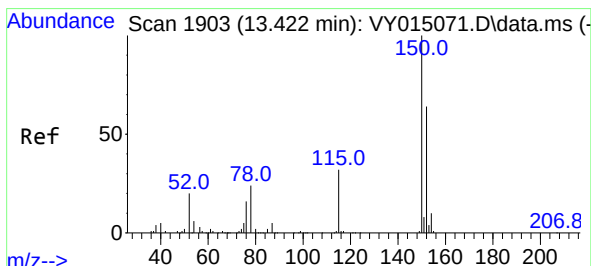
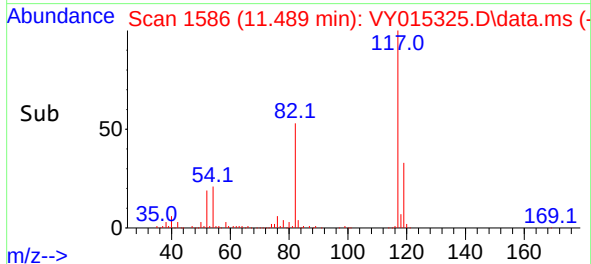
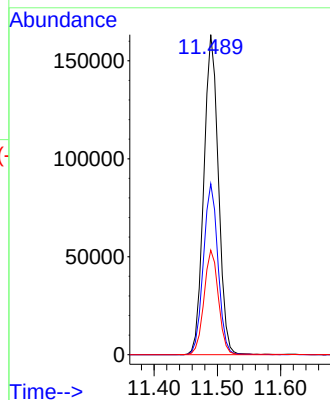
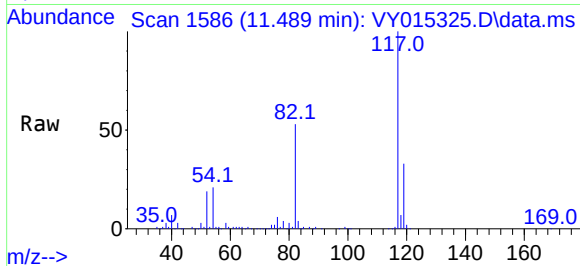




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY015325.D
Acq: 24 Aug 2023 20:25

Instrument :
MSVOA_Y
ClientSampleId :
SB-03(48-50)

Tgt Ion:	117	Resp:	262556
Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.4	65.0
119	32.6	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: VY015325.D
Acq: 24 Aug 2023 20:25

Tgt Ion:	152	Resp:	131373
Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.8	86.5
150	154.8	0.0	348.8

