

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081622\
 Data File : VY010048.D
 Acq On : 16 Aug 2022 16:51
 Operator : KP/MD
 Sample : N4197-02
 Misc : 5.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-203-IDWSO-20220811-1

Quant Time: Aug 16 17:56:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 07:01:08 2022
 Response via : Initial Calibration

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

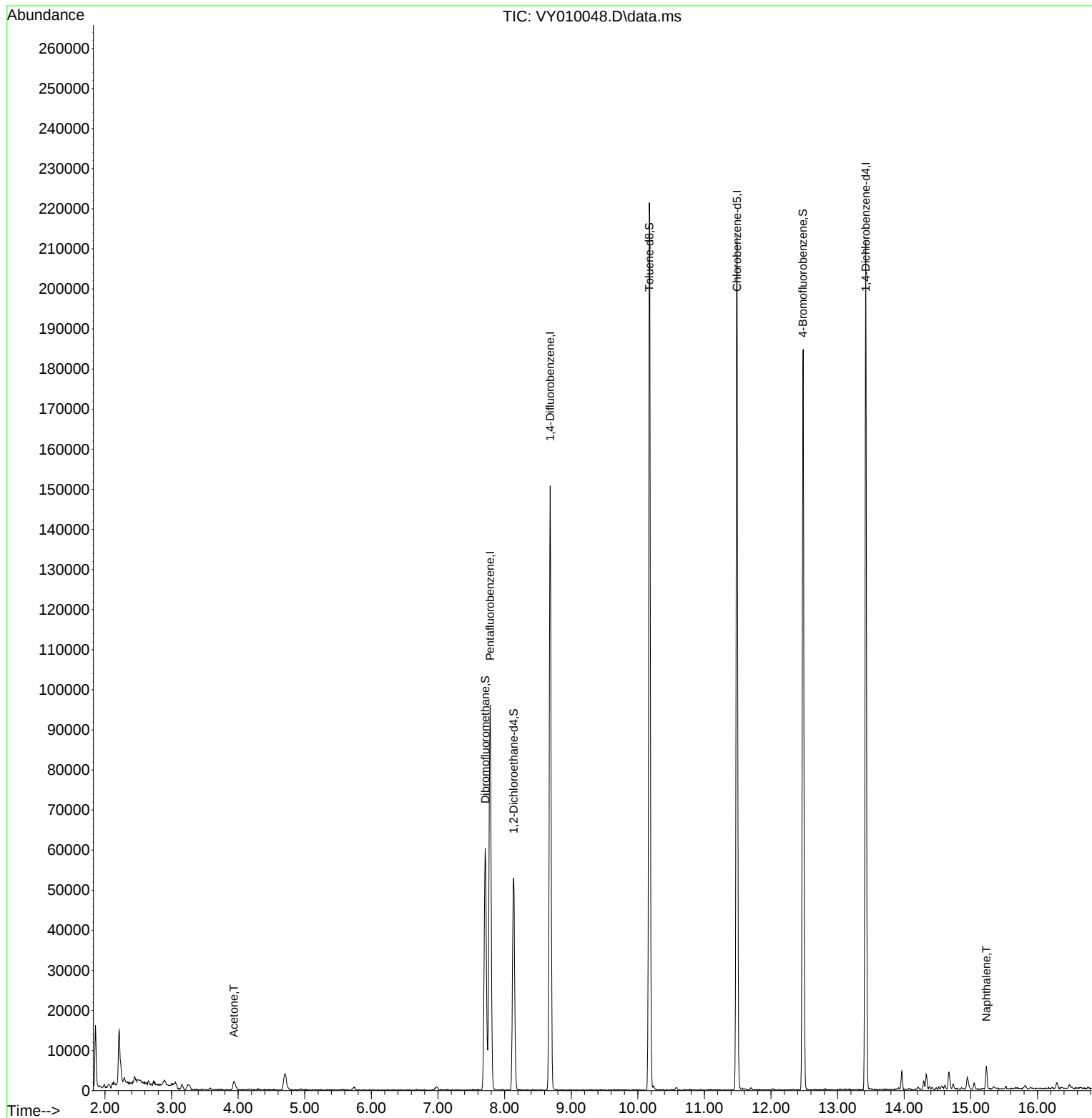
Internal Standards						
1) Pentafluorobenzene	7.783	168	76909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	126027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	116590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	53656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	43415	56.457	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.920%
35) Dibromofluoromethane	7.710	113	40935	50.087	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.180%
50) Toluene-d8	10.173	98	144046	47.638	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.280%
62) 4-Bromofluorobenzene	12.477	95	45122	42.486	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.980%
Target Compounds						
16) Acetone	3.936	43	3996	24.261	ug/l	94
95) Naphthalene	15.233	128	4911	6.616	ug/l	99

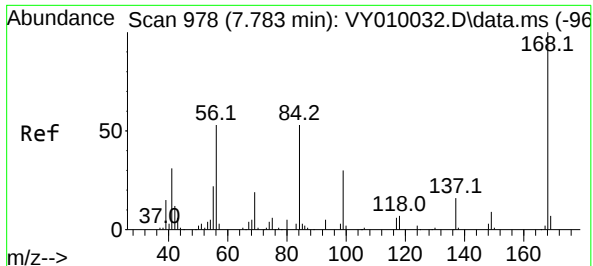
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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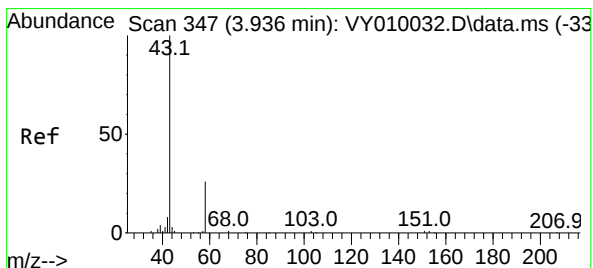
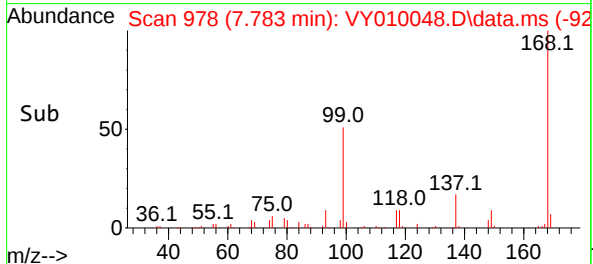
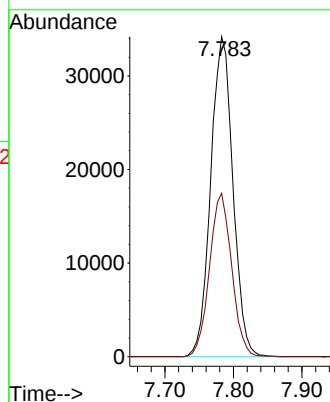
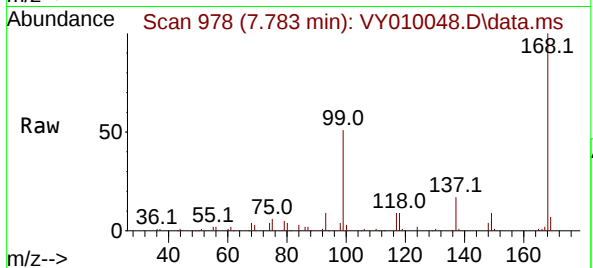




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010048.D
Acq: 16 Aug 2022 16:51

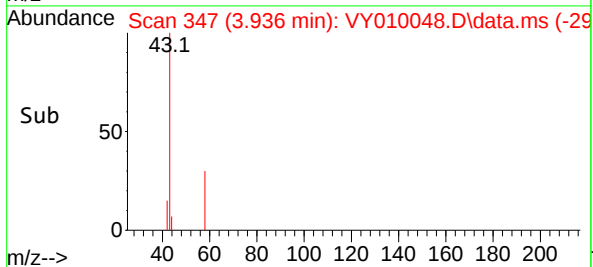
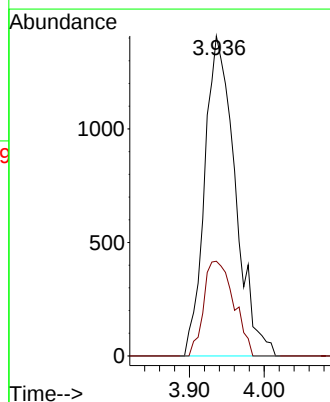
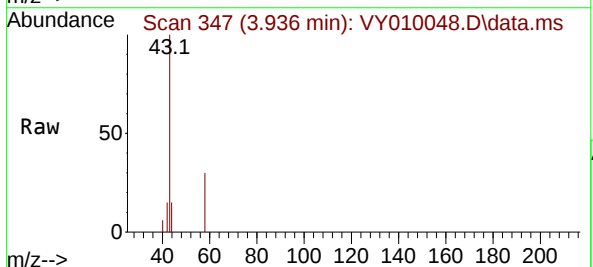
Instrument :
MSVOA_Y
ClientSampleId :
TT-203-IDWSO-20220811-1

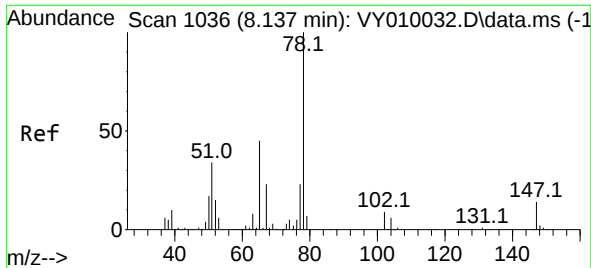
Tgt Ion:168 Resp: 76909
Ion Ratio Lower Upper
168 100
99 51.1 37.7 56.5



#16
Acetone
Concen: 24.261 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY010048.D
Acq: 16 Aug 2022 16:51

Tgt Ion: 43 Resp: 3996
Ion Ratio Lower Upper
43 100
58 29.6 21.4 32.0

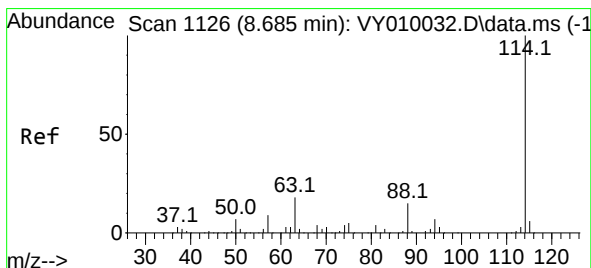
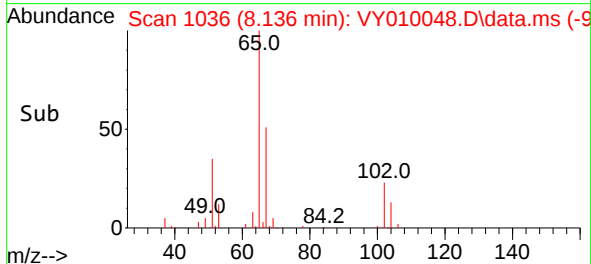
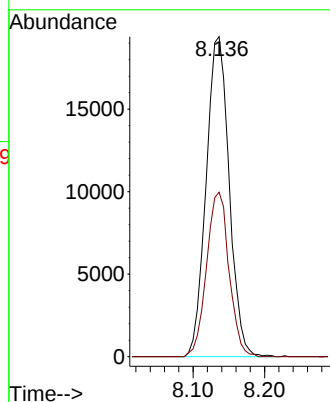
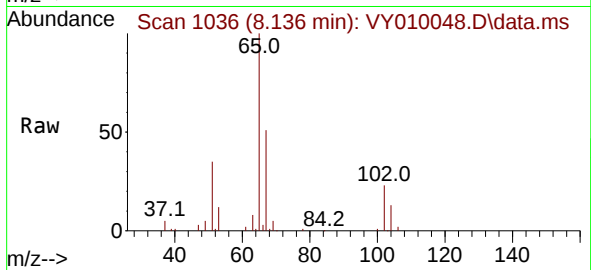




#33
 1,2-Dichloroethane-d4
 Concen: 56.457 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.001 min
 Lab File: VY010048.D
 Acq: 16 Aug 2022 16:51

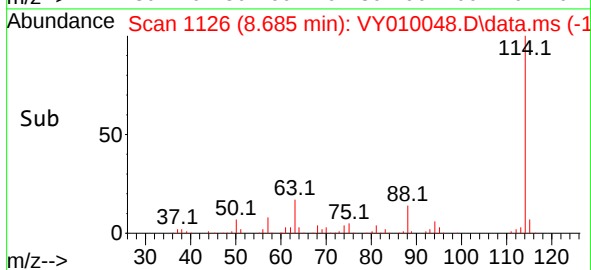
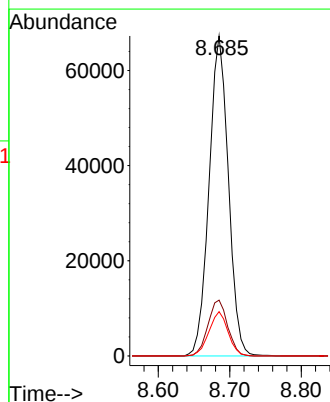
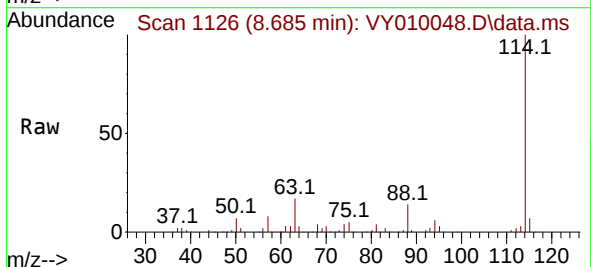
Instrument : MSVOA_Y
 ClientSampleId : TT-203-IDWSO-20220811-1

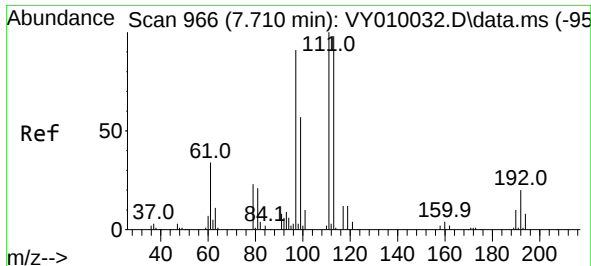
Tgt Ion: 65 Resp: 43415
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY010048.D
 Acq: 16 Aug 2022 16:51

Tgt Ion: 114 Resp: 126027
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 35.2
 88 13.8 0.0 30.2

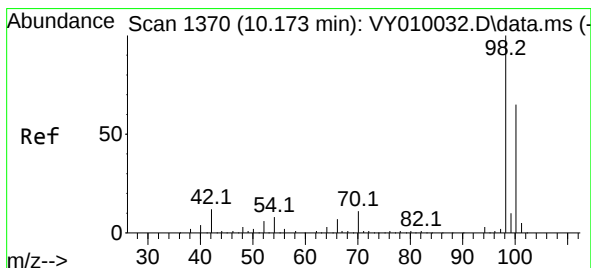
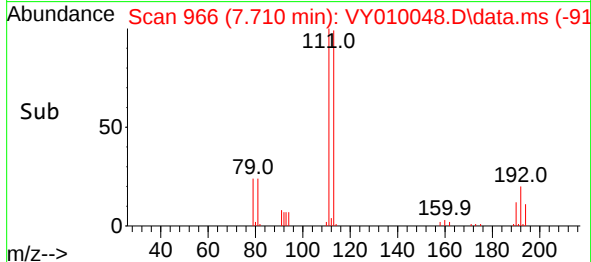
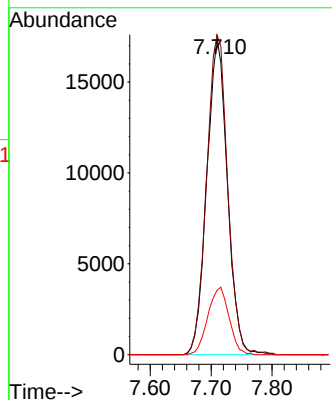
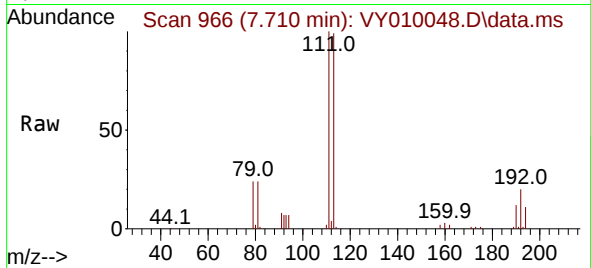




#35
Dibromofluoromethane
Concen: 50.087 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY010048.D
Acq: 16 Aug 2022 16:51

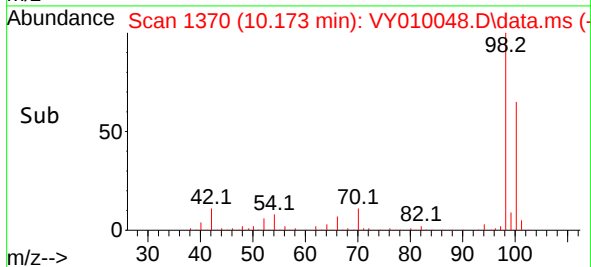
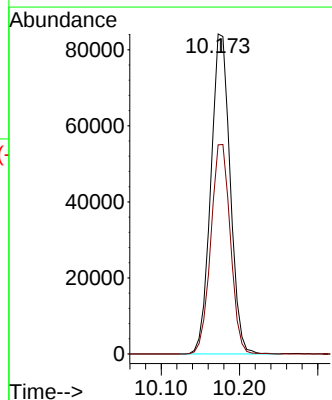
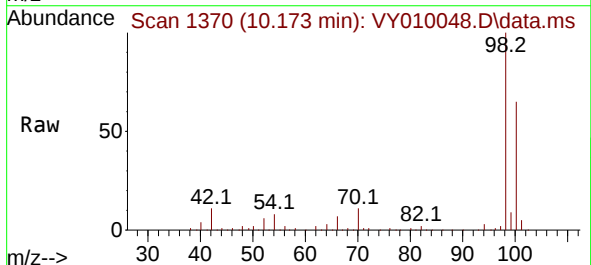
Instrument :
MSVOA_Y
ClientSampleId :
TT-203-IDWSO-20220811-1

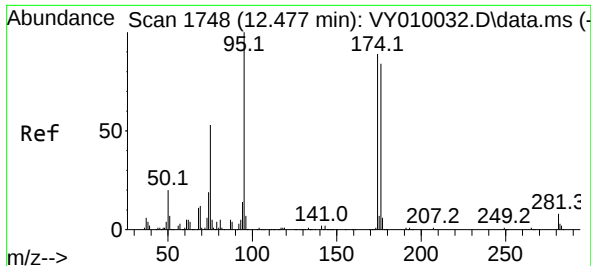
Tgt Ion:113 Resp: 40935
Ion Ratio Lower Upper
113 100
111 103.2 82.7 124.1
192 21.9 17.2 25.8



#50
Toluene-d8
Concen: 47.638 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY010048.D
Acq: 16 Aug 2022 16:51

Tgt Ion: 98 Resp: 144046
Ion Ratio Lower Upper
98 100
100 66.3 52.1 78.1

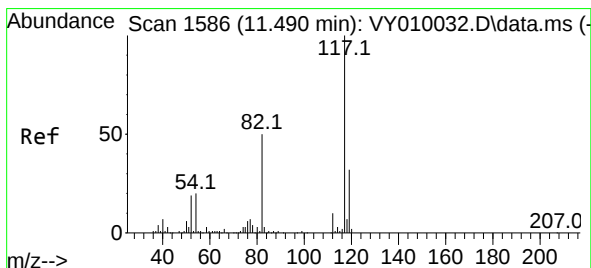
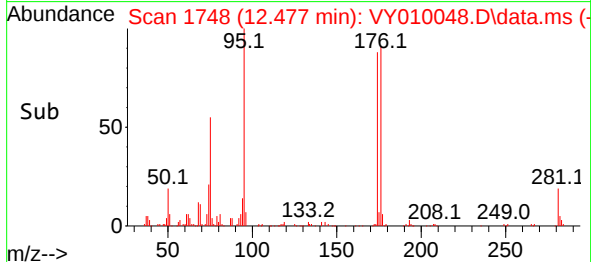
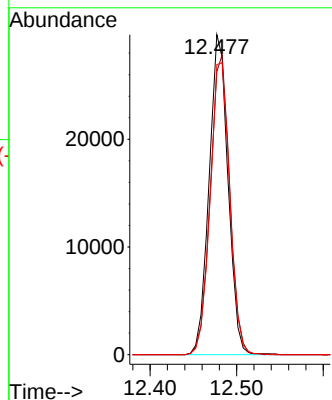
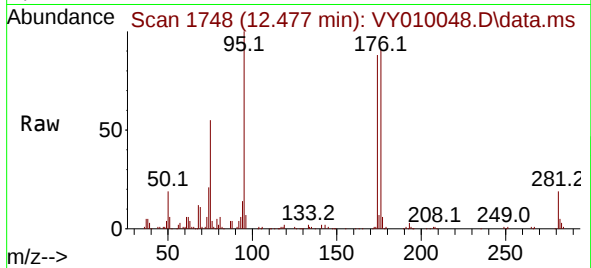




#62
4-Bromofluorobenzene
Concen: 42.486 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010048.D
Acq: 16 Aug 2022 16:51

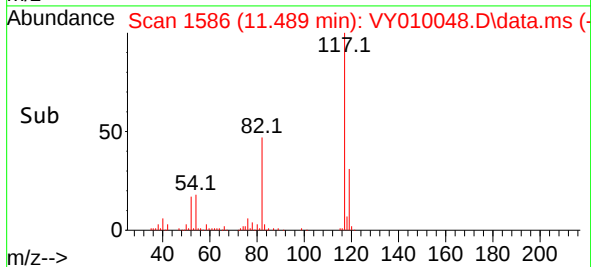
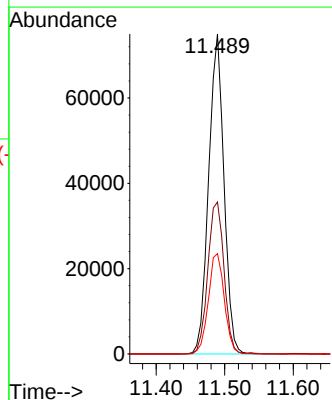
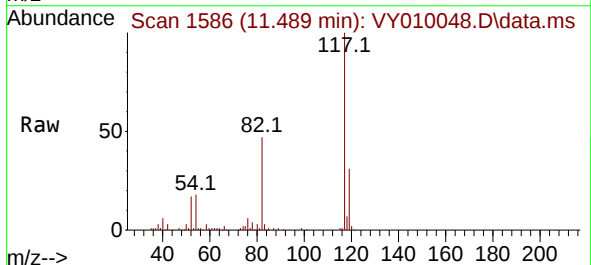
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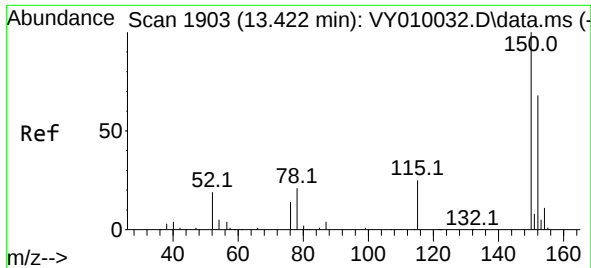
Tgt Ion:	95	Resp:	45122
Ion Ratio	Lower	Upper	
95	100		
174	96.3	0.0	184.2
176	94.3	0.0	178.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010048.D
Acq: 16 Aug 2022 16:51

Tgt Ion:	117	Resp:	116590
Ion Ratio	Lower	Upper	
117	100		
82	47.5	39.8	59.6
119	31.4	25.6	38.4

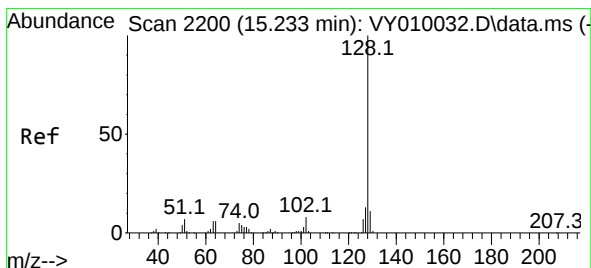
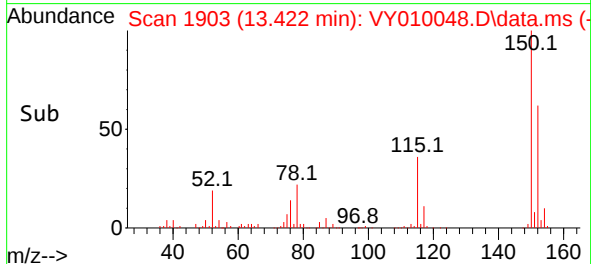
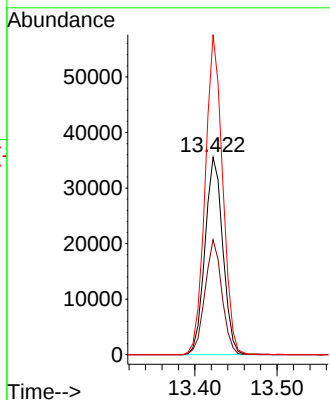
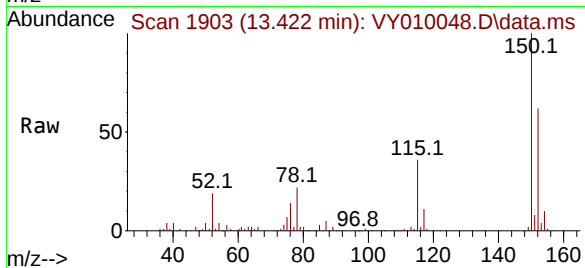




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010048.D
Acq: 16 Aug 2022 16:51

Instrument : MSVOA_Y
ClientSampleId : TT-203-IDWSO-20220811-1

Tgt Ion:152 Resp: 53656
Ion Ratio Lower Upper
152 100
115 55.5 28.1 84.3
150 158.5 0.0 346.6



#95
Naphthalene
Concen: 6.616 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY010048.D
Acq: 16 Aug 2022 16:51

Tgt Ion:128 Resp: 4911
Ion Ratio Lower Upper
128 100
127 14.1 10.4 15.6
129 10.8 8.6 13.0

