

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083123\
 Data File : VY015397.D
 Acq On : 31 Aug 2023 12:41
 Operator : SY/MD
 Sample : 04249-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-02-083023

Quant Time: Sep 01 00:45:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

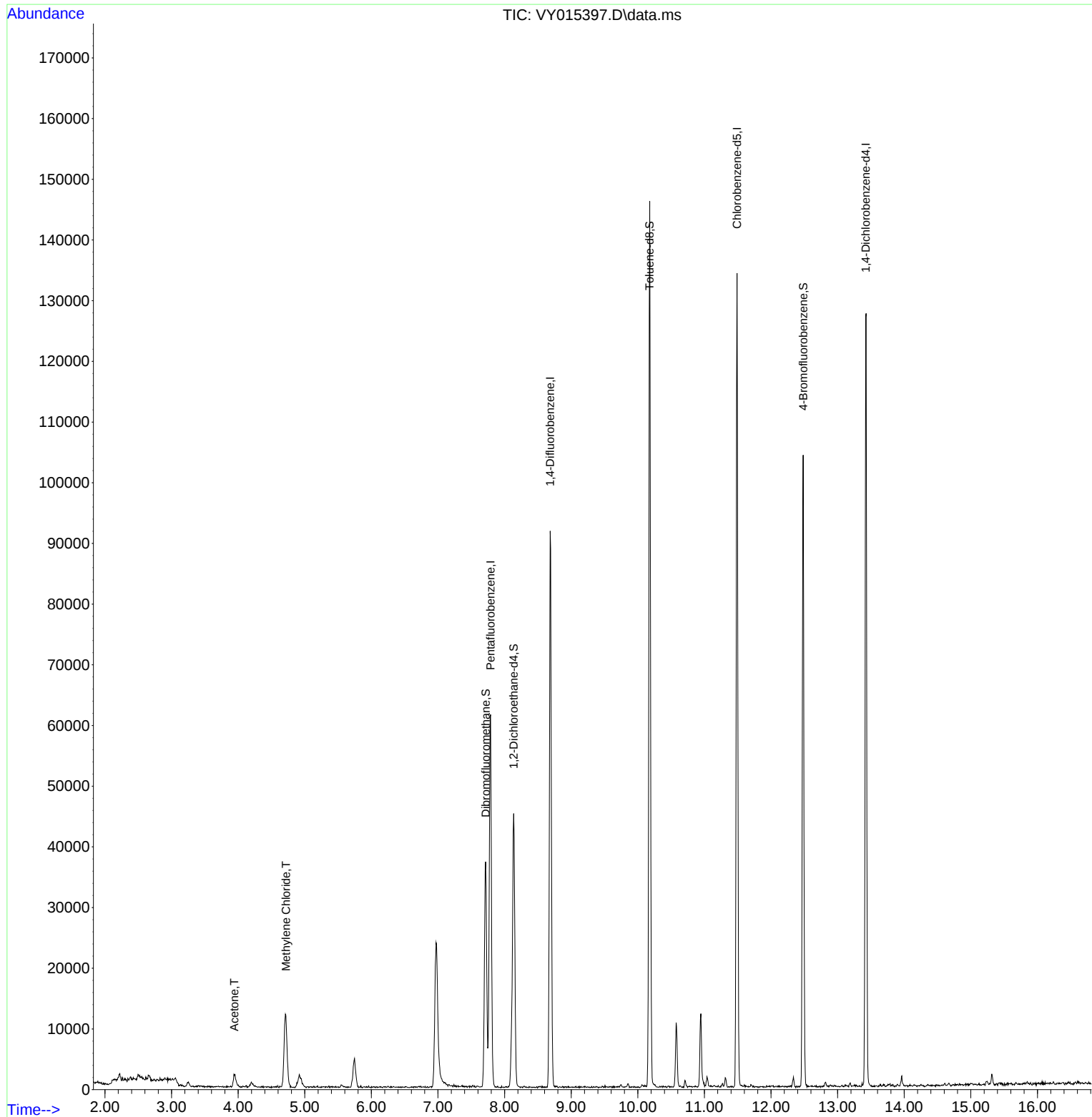
Internal Standards						
1) Pentafluorobenzene	7.789	168	48413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	78640	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	72238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	33560	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	32303	62.243	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.480%	
35) Dibromofluoromethane	7.716	113	26398	58.280	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.560%	
50) Toluene-d8	10.179	98	93188	56.812	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.620%	
62) 4-Bromofluorobenzene	12.483	95	30040	49.332	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.660%	
Target Compounds						Qvalue
16) Acetone	3.942	43	3902	18.013	ug/l	99
20) Methylene Chloride	4.716	84	9292	8.007	ug/l	84

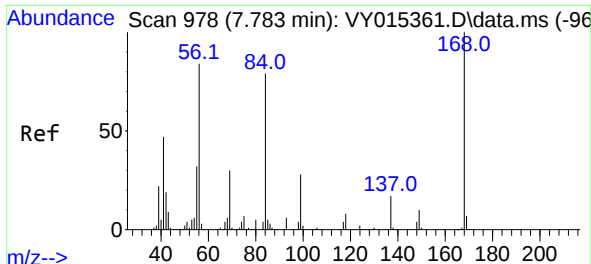
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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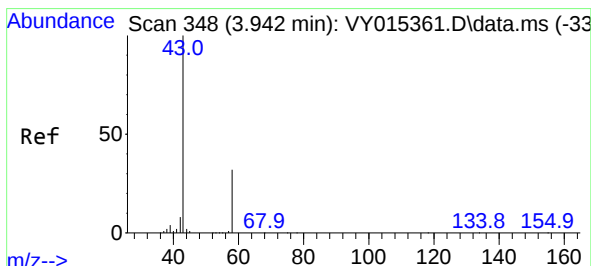
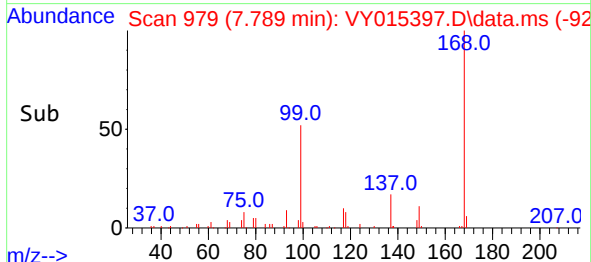
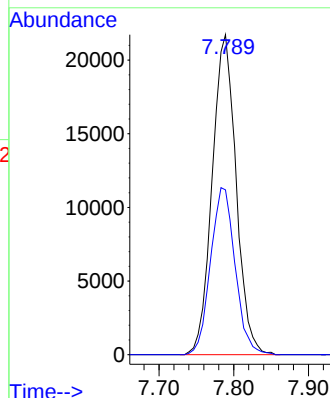
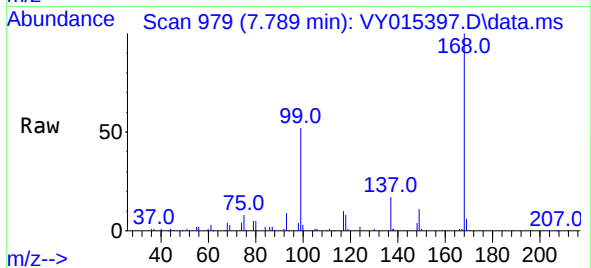




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015397.D
Acq: 31 Aug 2023 12:41

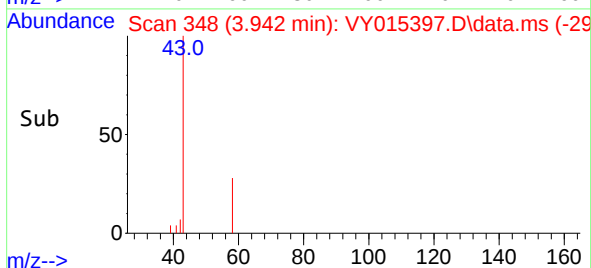
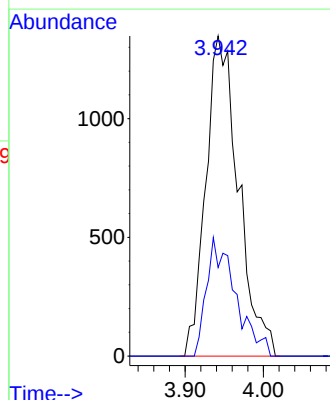
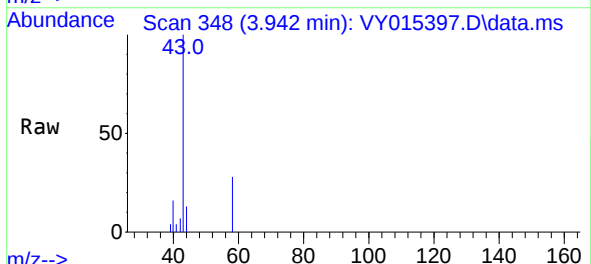
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-083023

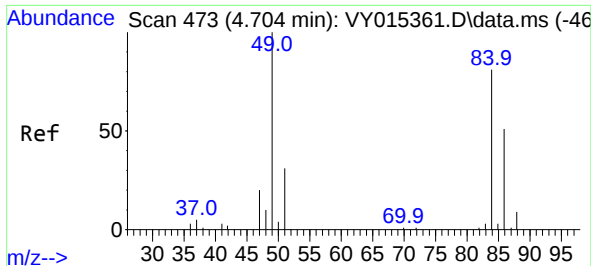
Tgt Ion:168 Resp: 48413
Ion Ratio Lower Upper
168 100
99 51.5 43.4 65.0



#16
Acetone
Concen: 18.013 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015397.D
Acq: 31 Aug 2023 12:41

Tgt Ion: 43 Resp: 3902
Ion Ratio Lower Upper
43 100
58 27.7 22.7 34.1



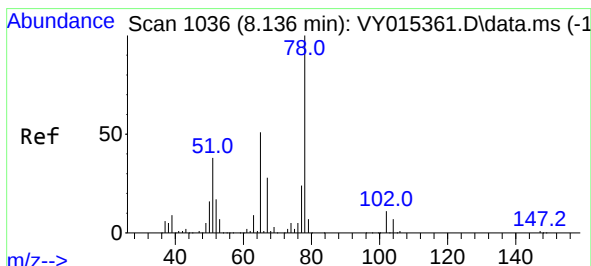
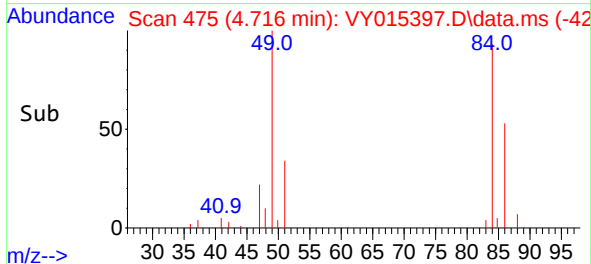
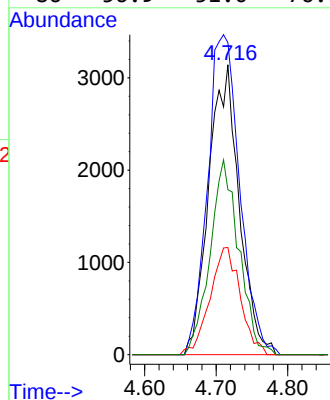
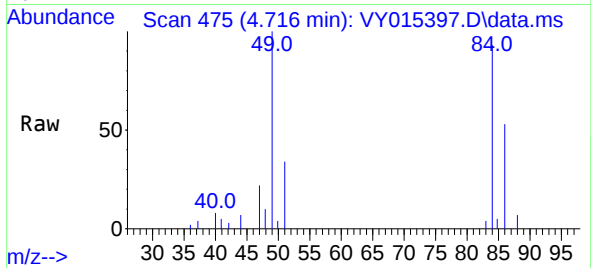


#20
Methylene Chloride
Concen: 8.007 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY015397.D
Acq: 31 Aug 2023 12:41

Instrument :
MSVOA_Y
ClientSampleId :
SU-02-083023

Tgt Ion: 84 Resp: 9292

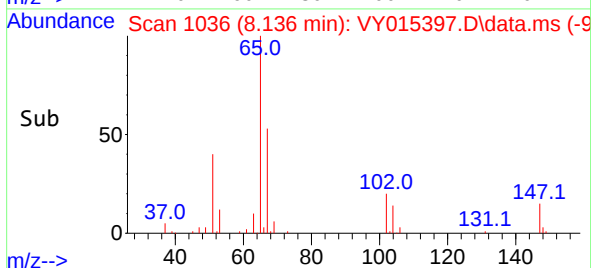
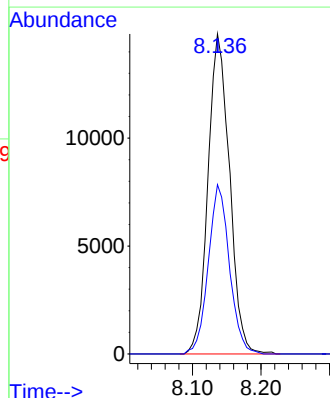
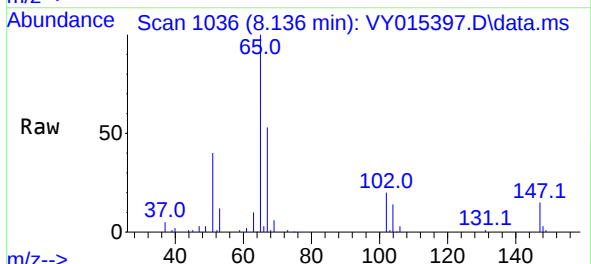
Ion	Ratio	Lower	Upper
84	100		
49	107.6	106.9	160.3
51	37.0	33.2	49.8
86	56.9	51.0	76.6

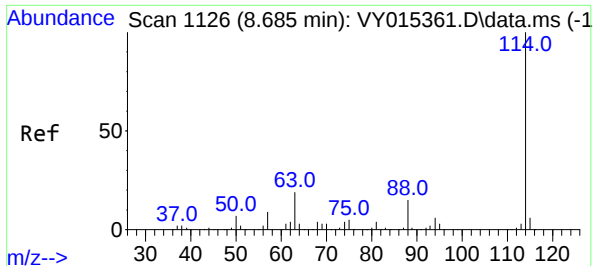


#33
1,2-Dichloroethane-d4
Concen: 62.243 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015397.D
Acq: 31 Aug 2023 12:41

Tgt Ion: 65 Resp: 32303

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	101.8

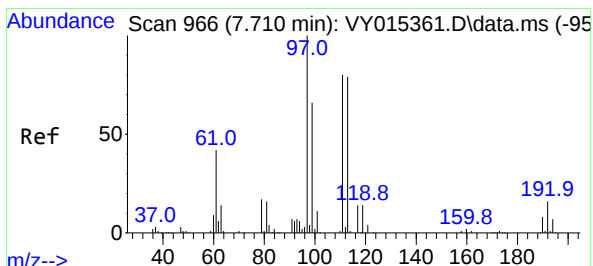
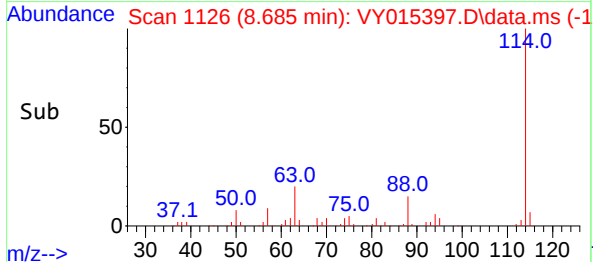
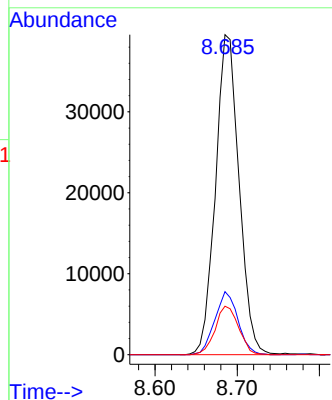
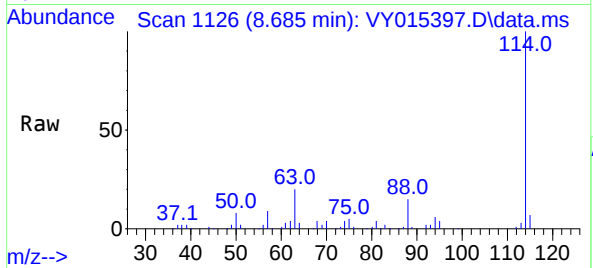




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015397.D
Acq: 31 Aug 2023 12:41

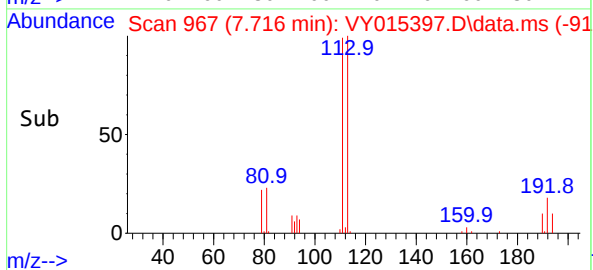
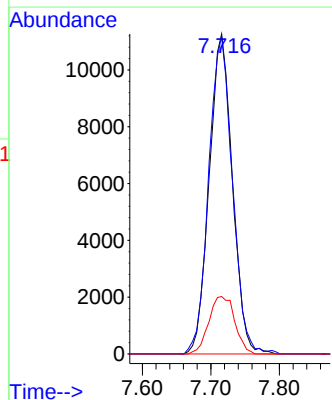
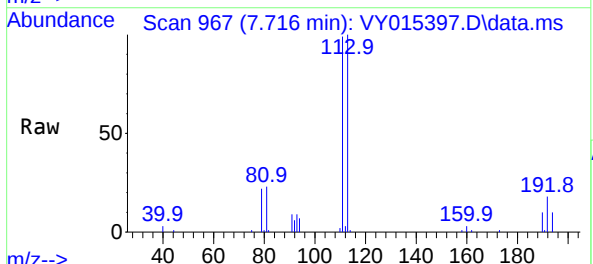
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-083023

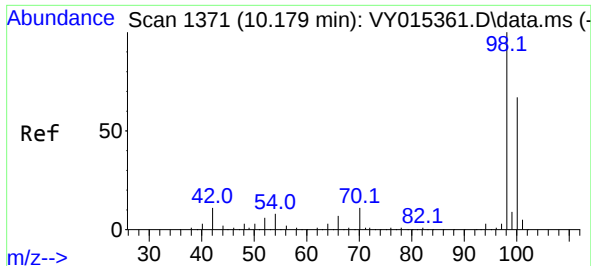
Tgt Ion:	114	Resp:	78640
Ion Ratio	Lower	Upper	
114	100		
63	19.7	0.0	42.4
88	15.1	0.0	30.6



#35
Dibromofluoromethane
Concen: 58.280 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015397.D
Acq: 31 Aug 2023 12:41

Tgt Ion:	113	Resp:	26398
Ion Ratio	Lower	Upper	
113	100		
111	101.7	81.3	121.9
192	20.1	16.9	25.3

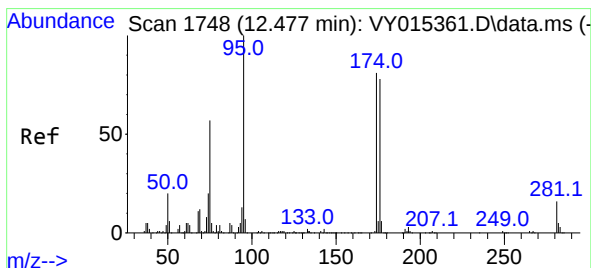
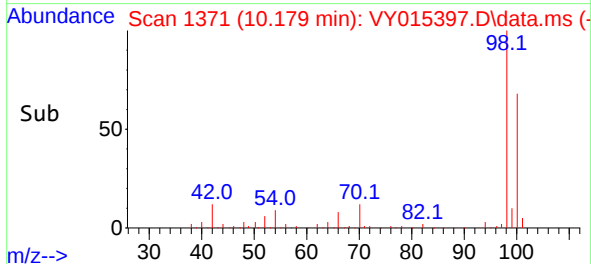
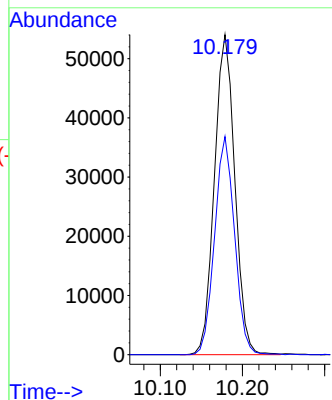
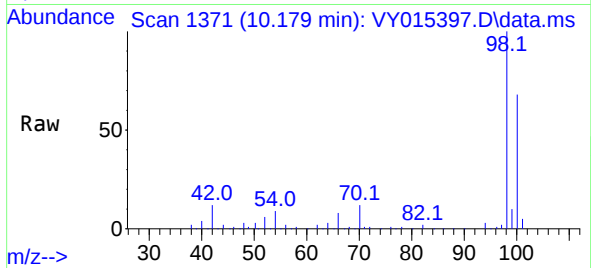




#50
Toluene-d8
Concen: 56.812 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015397.D
Acq: 31 Aug 2023 12:41

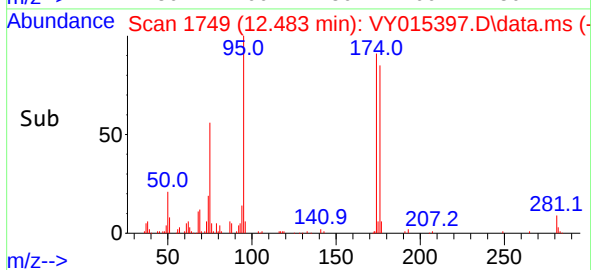
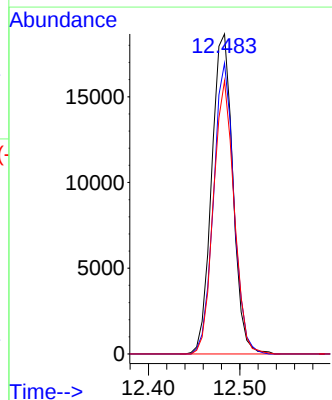
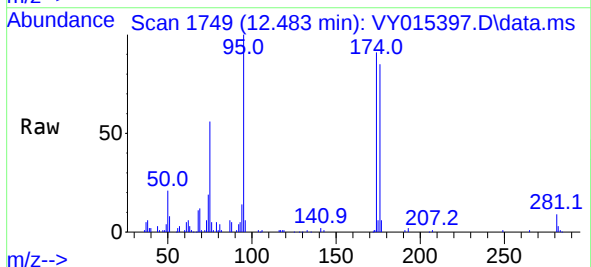
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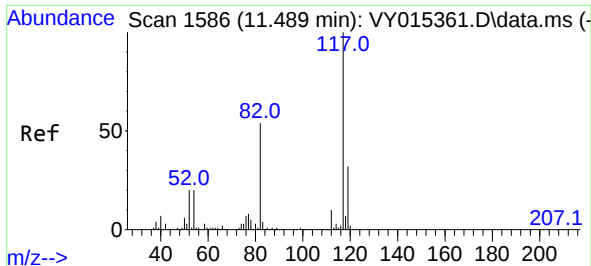
Tgt Ion: 98 Resp: 93188
Ion Ratio Lower Upper
98 100
100 66.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.332 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015397.D
Acq: 31 Aug 2023 12:41

Tgt Ion: 95 Resp: 30040
Ion Ratio Lower Upper
95 100
174 87.4 0.0 178.2
176 83.3 0.0 173.8

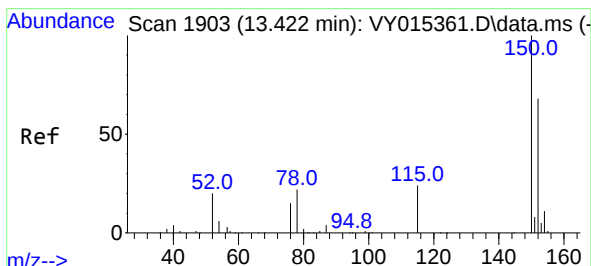
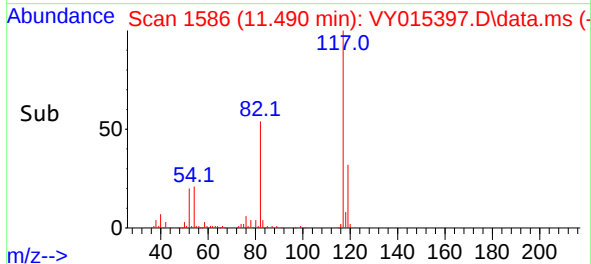
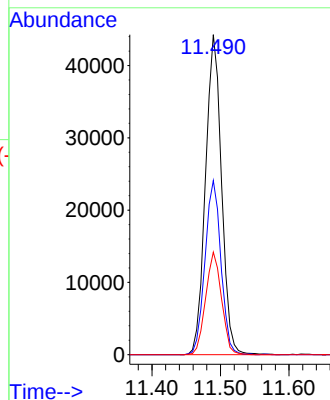
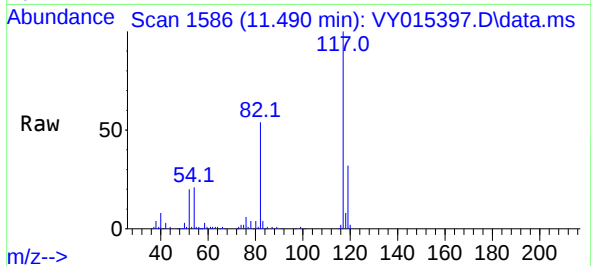




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015397.D
Acq: 31 Aug 2023 12:41

Instrument :
MSVOA_Y
ClientSampleId :
SU-02-083023

Tgt Ion:	117	Resp:	72238
Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.4	65.0
119	32.0	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015397.D
Acq: 31 Aug 2023 12:41

Tgt Ion:	152	Resp:	33560
Ion	Ratio	Lower	Upper
152	100		
115	57.9	28.8	86.5
150	155.3	0.0	348.8

