

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015266.D
 Acq On : 23 Aug 2023 00:15
 Operator : SY/MD
 Sample : 04110-03
 Misc : 5.75g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-04(1-2)

Quant Time: Aug 23 04:58:13 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)

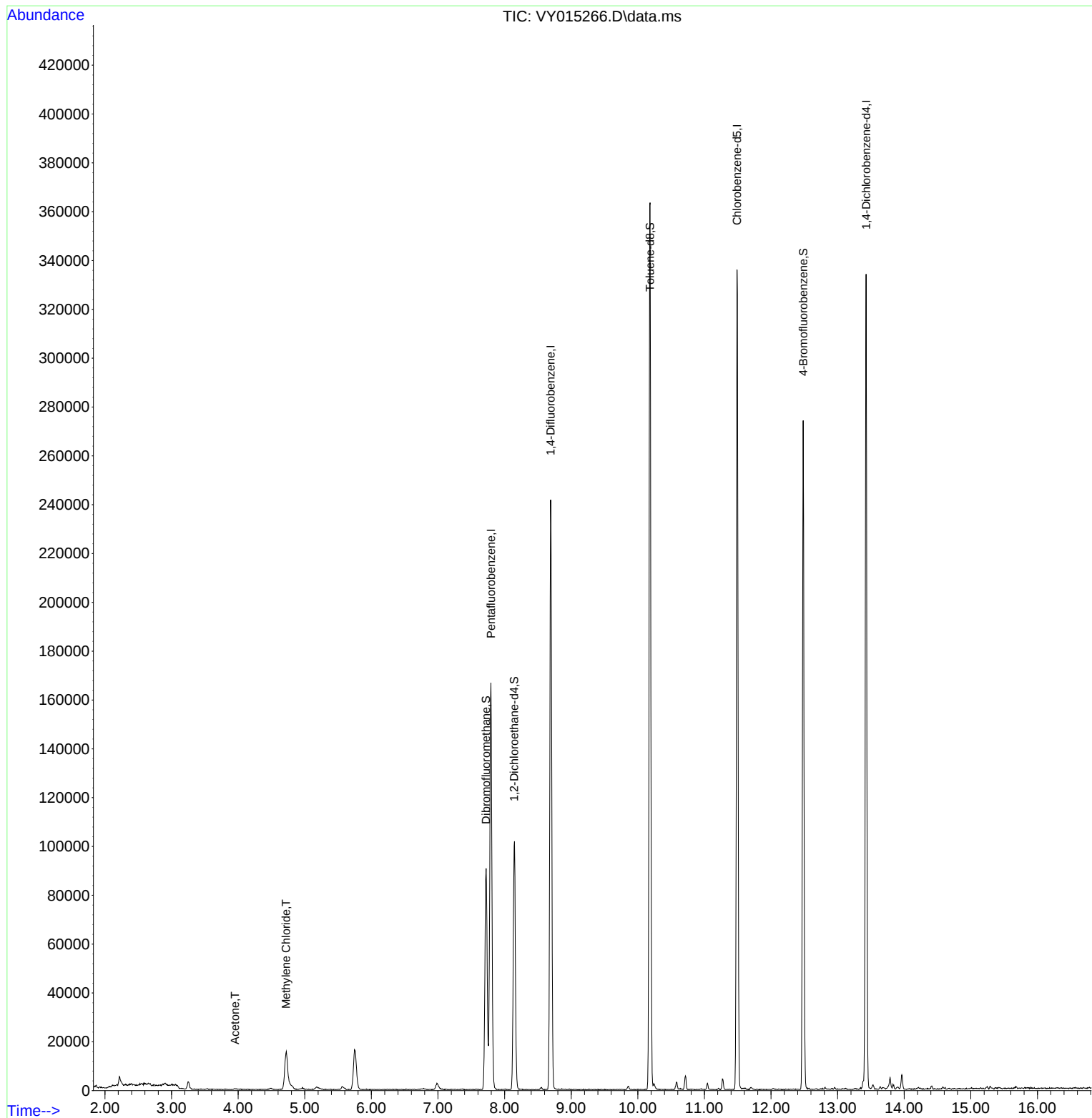
Internal Standards						
1) Pentafluorobenzene	7.795	168	127868	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	208404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	181826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	84649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	80638	52.535	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.080%	
35) Dibromofluoromethane	7.722	113	63976	47.717	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.440%	
50) Toluene-d8	10.185	98	243595	48.807	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.620%	
62) 4-Bromofluorobenzene	12.483	95	77299	42.403	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 84.800%	
Target Compounds						Qvalue
16) Acetone	3.954	43	639	1.274	ug/l #	80
20) Methylene Chloride	4.716	84	11184	5.453	ug/l	87

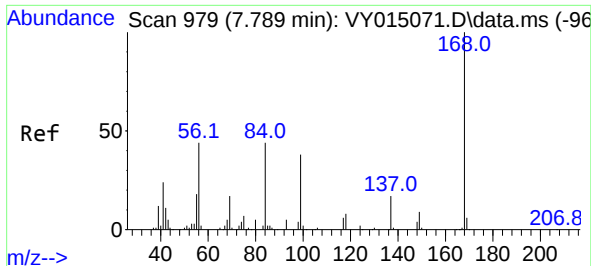
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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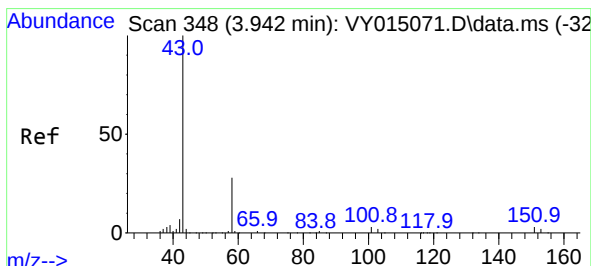
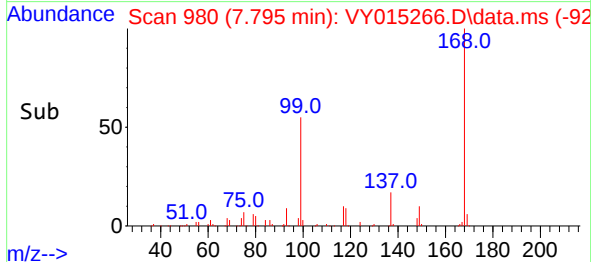
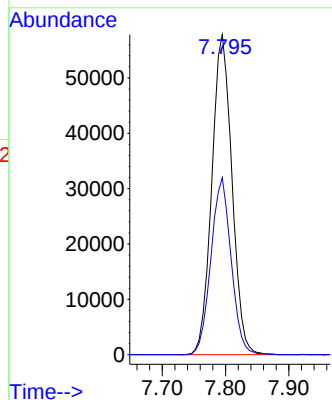
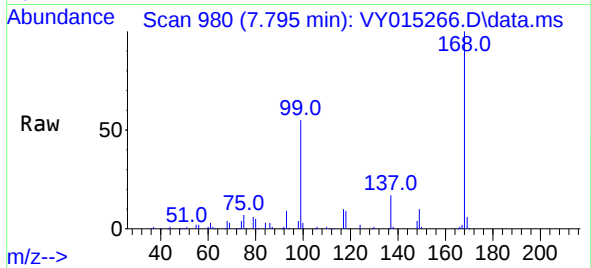




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015266.D
Acq: 23 Aug 2023 00:15

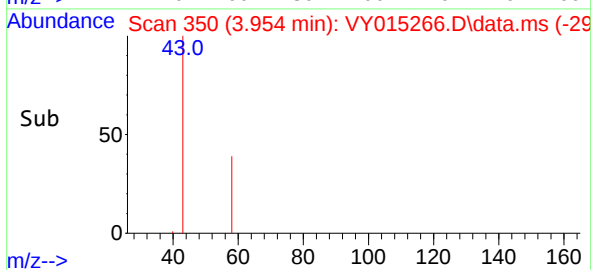
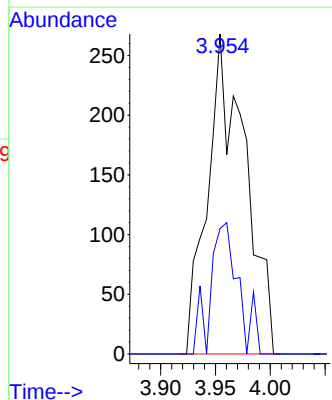
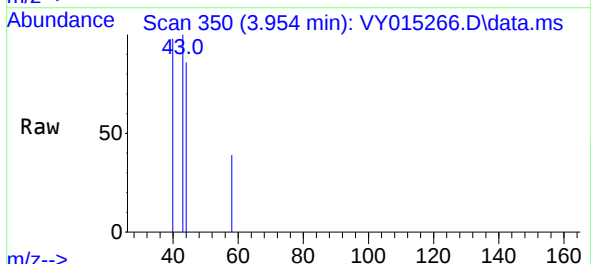
Instrument :
MSVOA_Y
ClientSampleId :
TP-04(1-2)

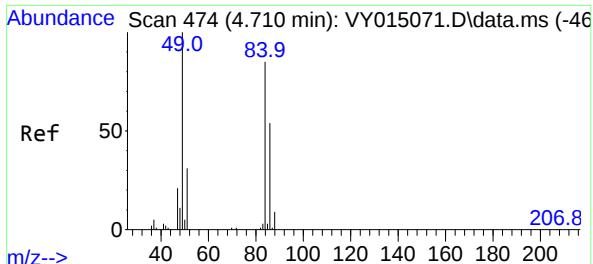
Tgt Ion:168 Resp: 127868
Ion Ratio Lower Upper
168 100
99 55.3 43.4 65.0



#16
Acetone
Concen: 1.274 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015266.D
Acq: 23 Aug 2023 00:15

Tgt Ion: 43 Resp: 639
Ion Ratio Lower Upper
43 100
58 39.2 22.7 34.1#



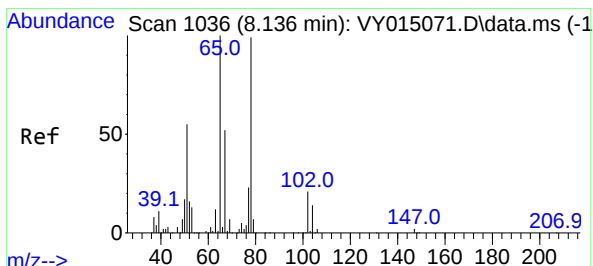
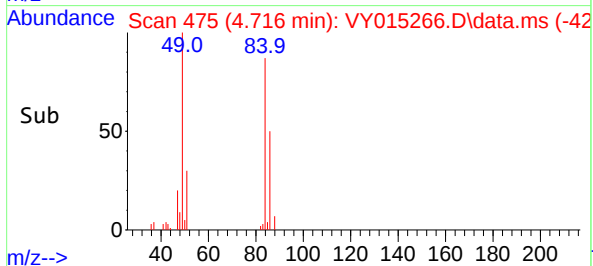
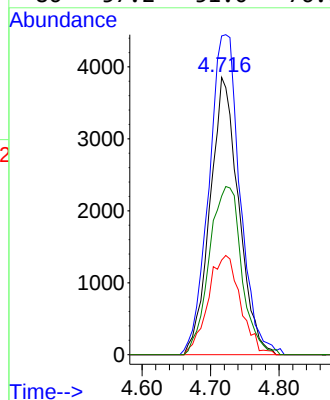
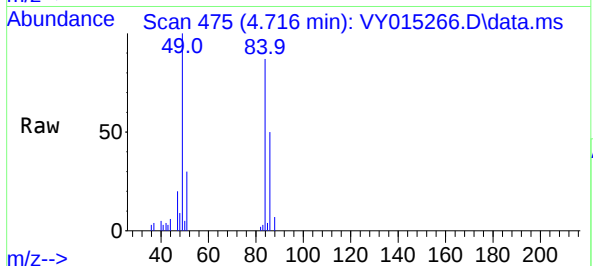


#20
Methylene Chloride
Concen: 5.453 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015266.D
Acq: 23 Aug 2023 00:15

Instrument :
MSVOA_Y
ClientSampleId :
TP-04(1-2)

Tgt Ion: 84 Resp: 11184

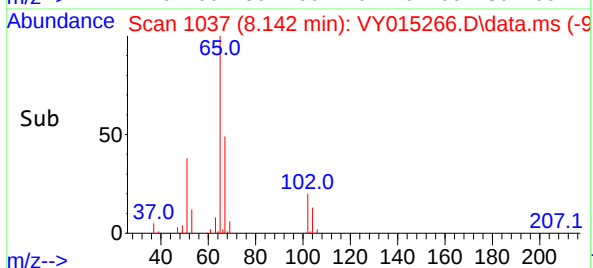
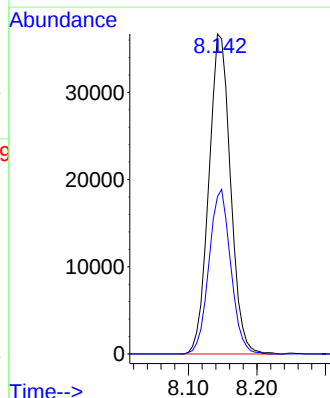
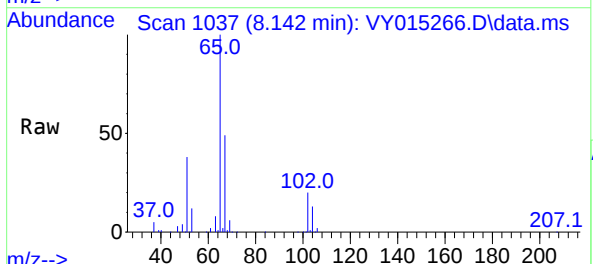
Ion	Ratio	Lower	Upper
84	100		
49	114.9	106.9	160.3
51	34.1	33.2	49.8
86	57.2	51.0	76.6

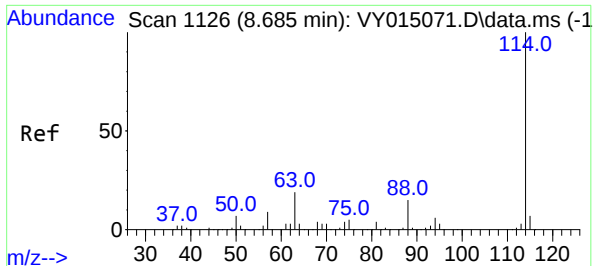


#33
1,2-Dichloroethane-d4
Concen: 52.535 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015266.D
Acq: 23 Aug 2023 00:15

Tgt Ion: 65 Resp: 80638

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	101.8

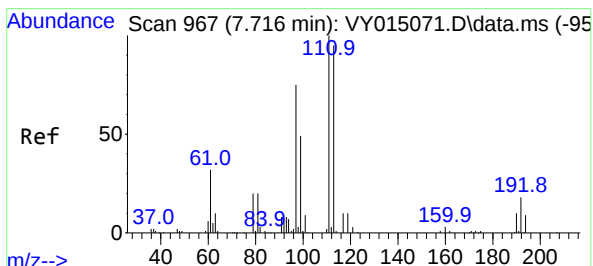
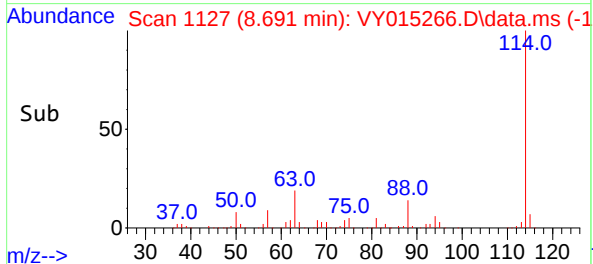
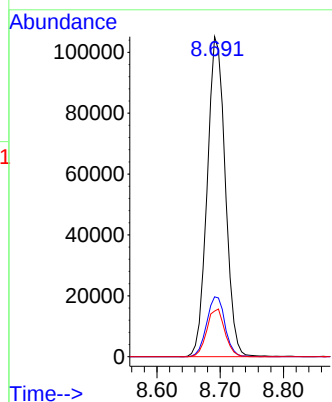
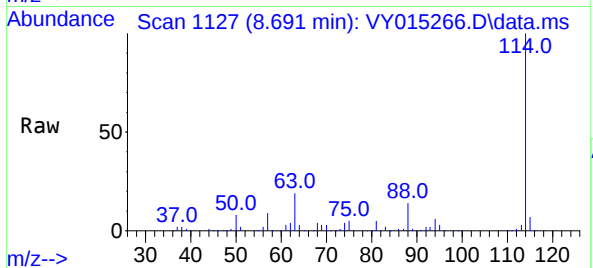




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015266.D
Acq: 23 Aug 2023 00:15

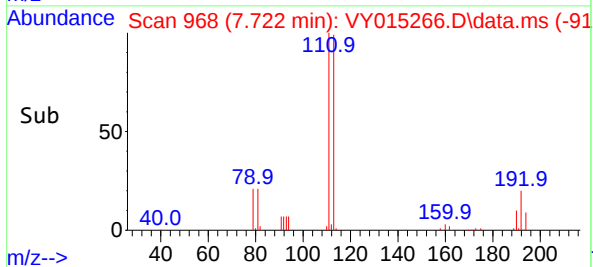
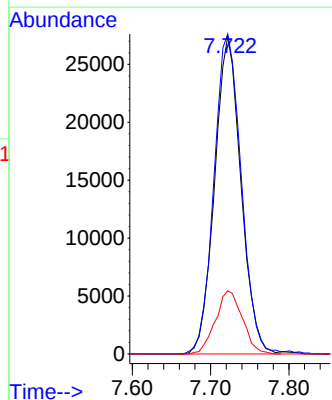
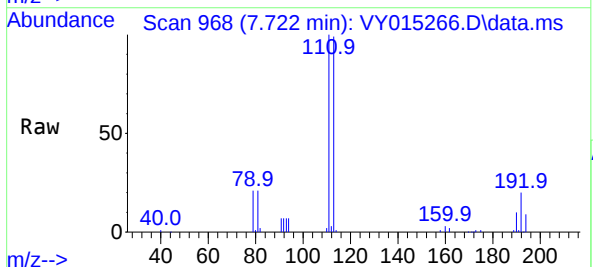
Instrument :
MSVOA_Y
ClientSampleId :
TP-04(1-2)

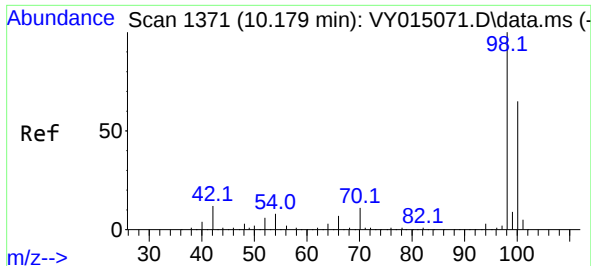
Tgt Ion:114 Resp: 208404
Ion Ratio Lower Upper
114 100
63 18.7 0.0 42.4
88 14.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.717 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY015266.D
Acq: 23 Aug 2023 00:15

Tgt Ion:113 Resp: 63976
Ion Ratio Lower Upper
113 100
111 104.7 81.3 121.9
192 20.4 16.9 25.3

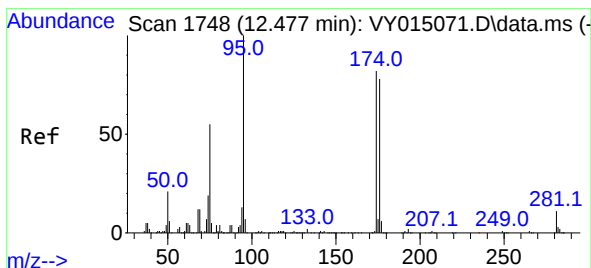
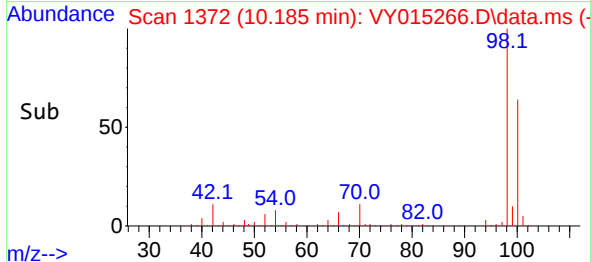
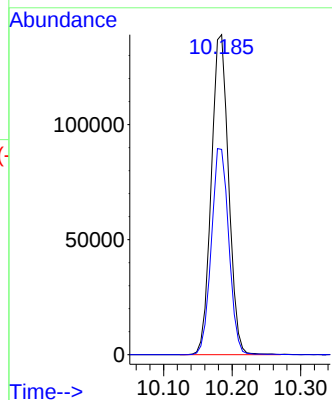
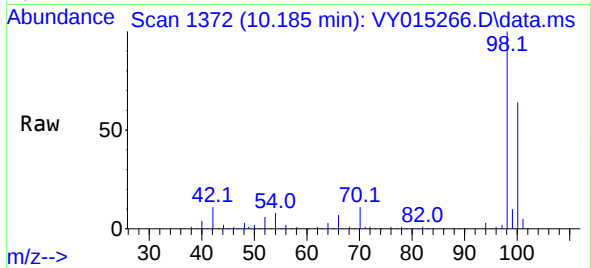




#50
Toluene-d8
Concen: 48.807 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015266.D
Acq: 23 Aug 2023 00:15

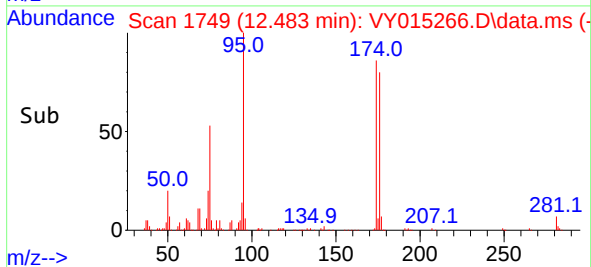
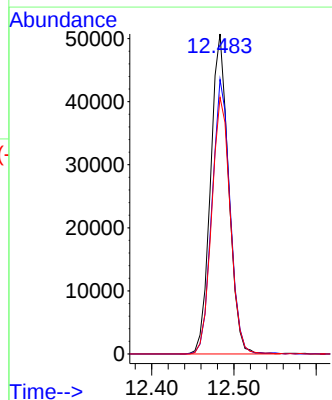
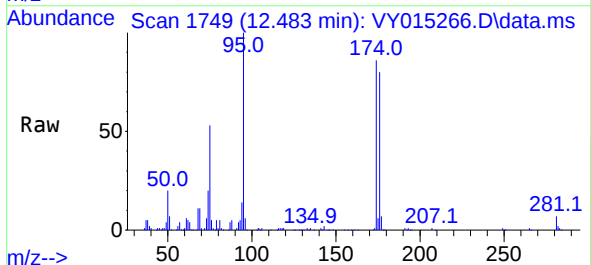
Instrument :
MSVOA_Y
ClientSampleId :
TP-04(1-2)

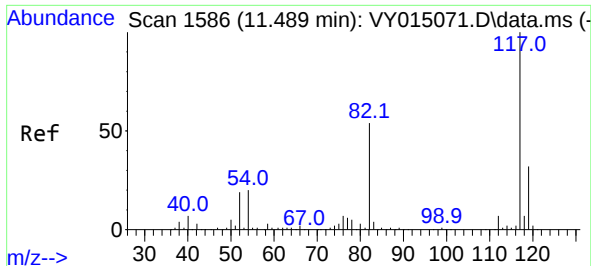
Tgt Ion: 98 Resp: 243595
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 42.403 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015266.D
Acq: 23 Aug 2023 00:15

Tgt Ion: 95 Resp: 77299
Ion Ratio Lower Upper
95 100
174 85.9 0.0 178.2
176 82.3 0.0 173.8

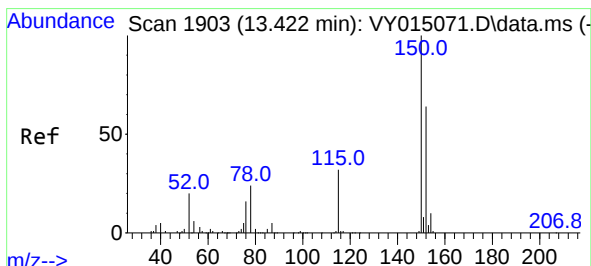
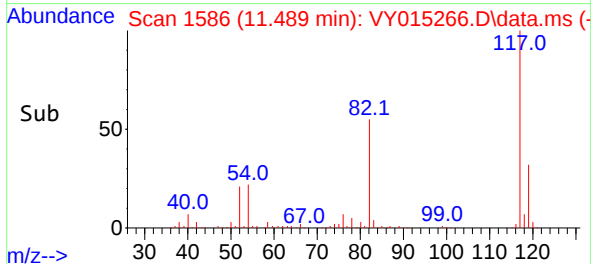
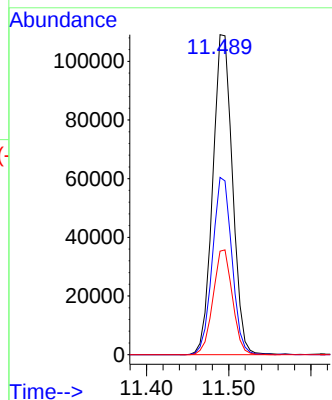
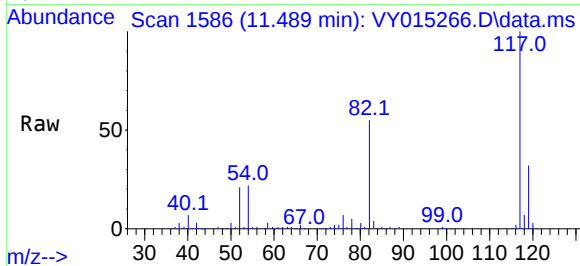




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015266.D
Acq: 23 Aug 2023 00:15

Instrument :
MSVOA_Y
ClientSampleId :
TP-04(1-2)

Tgt Ion:117 Resp: 181826
Ion Ratio Lower Upper
117 100
82 55.4 43.4 65.0
119 32.3 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: VY015266.D
Acq: 23 Aug 2023 00:15

Tgt Ion:152 Resp: 84649
Ion Ratio Lower Upper
152 100
115 57.7 28.8 86.5
150 157.1 0.0 348.8

