

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
 Data File : VY013477.D
 Acq On : 26 Apr 2023 16:40
 Operator : KP/MD
 Sample : 02483-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S2S-TP1

Quant Time: Apr 27 01:34:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

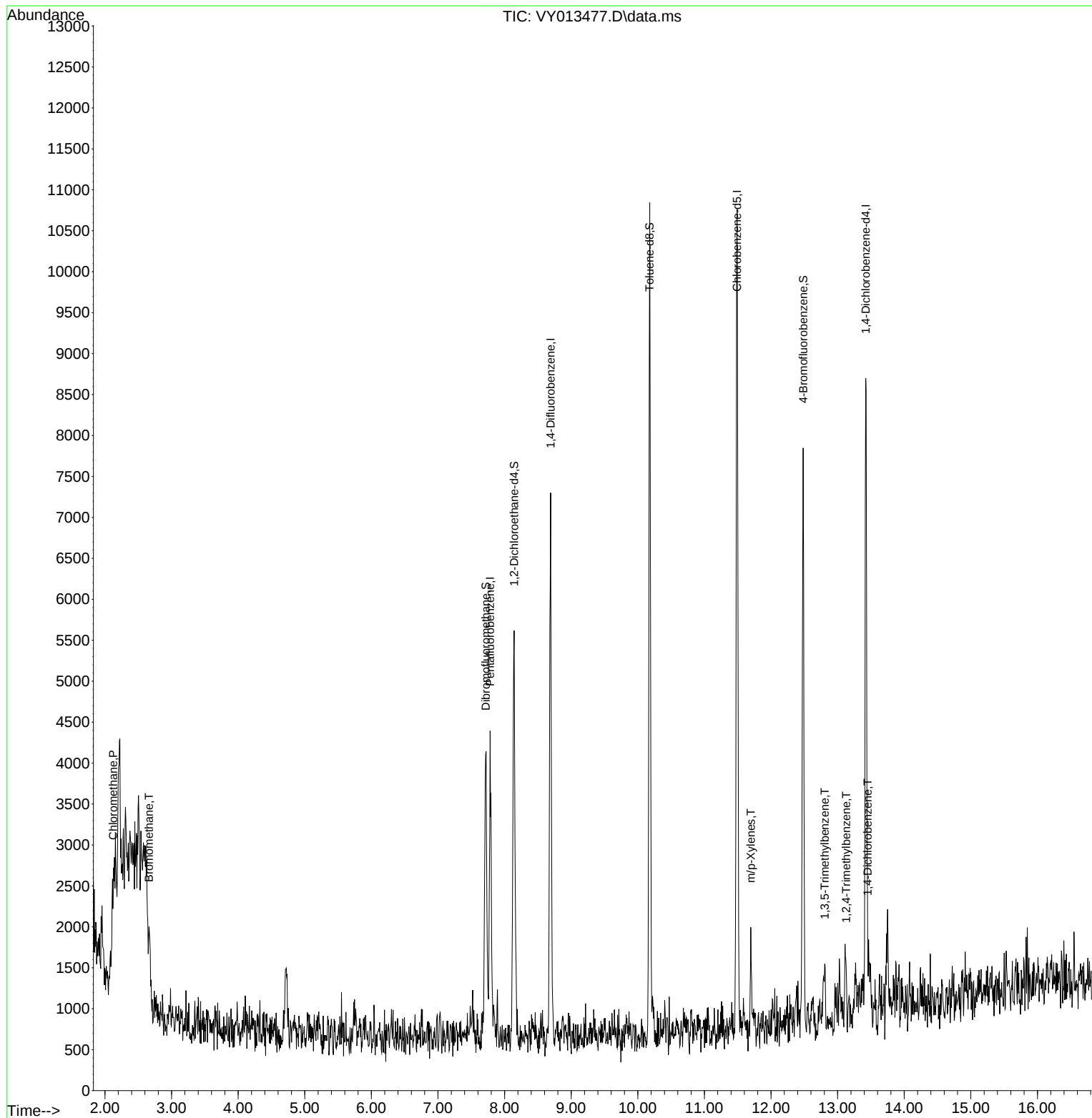
Internal Standards						
1) Pentafluorobenzene	7.782	168	2517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	4946	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	5854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	3612	130.908	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 261.820%#	
35) Dibromofluoromethane	7.715	113	2484	79.851	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 159.700%#	
50) Toluene-d8	10.178	98	6039	54.570	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.140%	
62) 4-Bromofluorobenzene	12.483	95	2051	54.975	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.960%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.125	50	607	18.925	ug/l #	75
5) Bromomethane	2.661	94	294	11.552	ug/l	88
68) m/p-Xylenes	11.696	106	265	3.113	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	133	1.139	ug/l	93
84) 1,2,4-Trimethylbenzene	13.129	105	577	5.084	ug/l	79
88) 1,4-Dichlorobenzene	13.452	146	180	2.699	ug/l #	85

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

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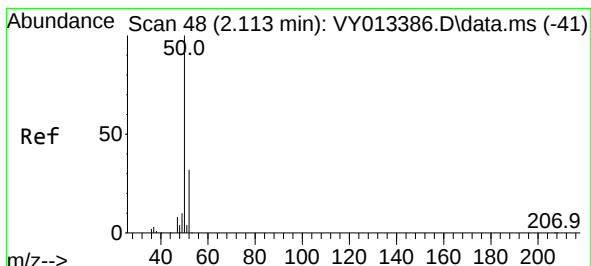
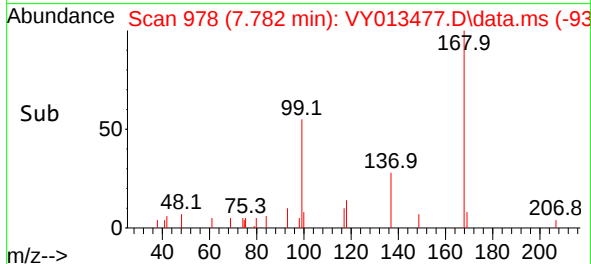
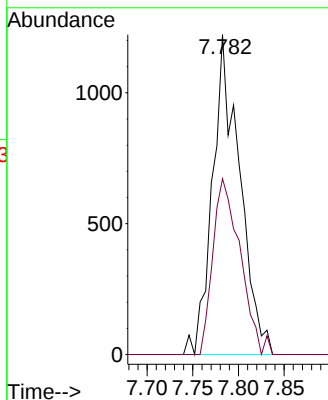
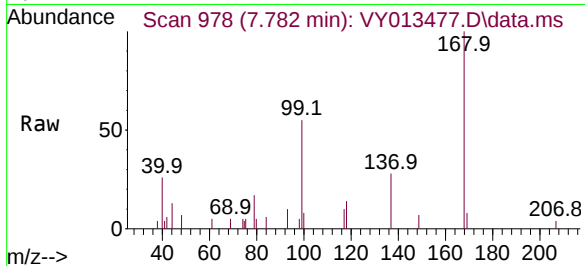




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY013477.D
Acq: 26 Apr 2023 16:40

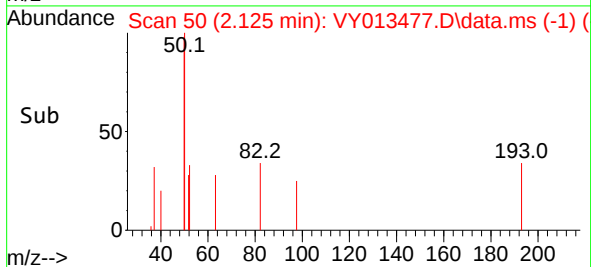
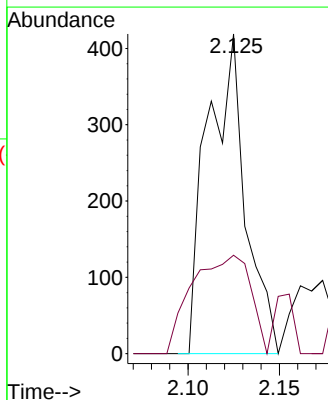
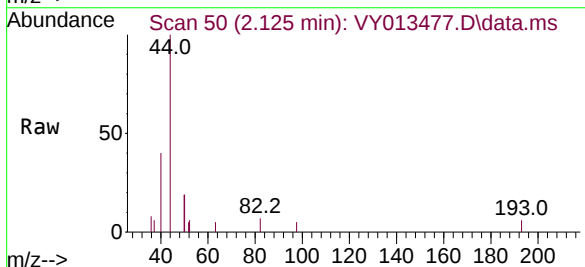
Instrument :
MSVOA_Y
ClientSampleId :
S2S-TP1

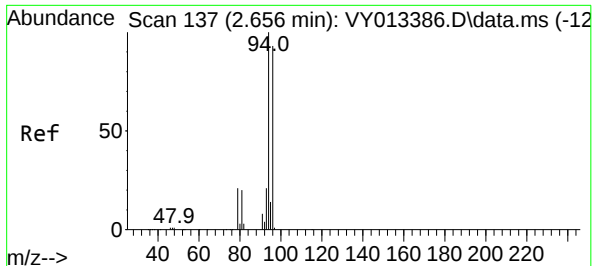
Tgt Ion:168 Resp: 2517
Ion Ratio Lower Upper
168 100
99 55.0 41.8 62.6



#3
Chloromethane
Concen: 18.925 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY013477.D
Acq: 26 Apr 2023 16:40

Tgt Ion: 50 Resp: 607
Ion Ratio Lower Upper
50 100
52 18.1 25.9 38.9#

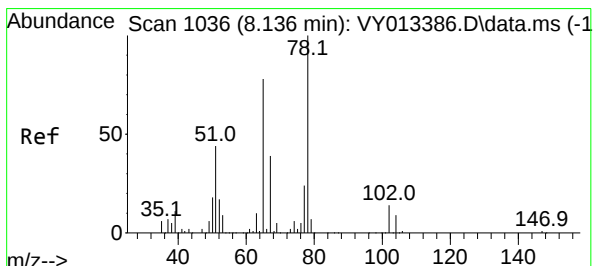
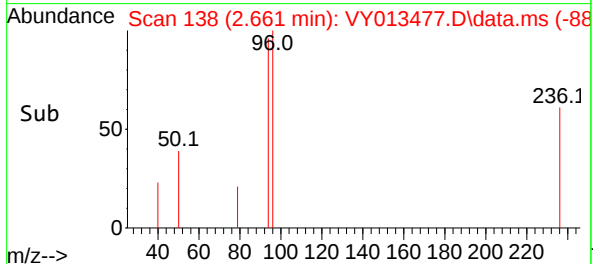
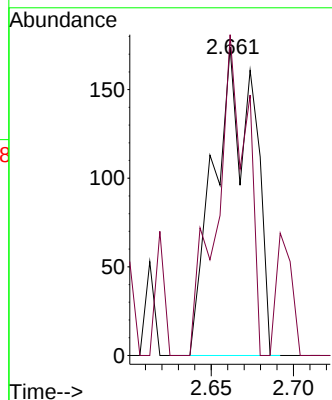
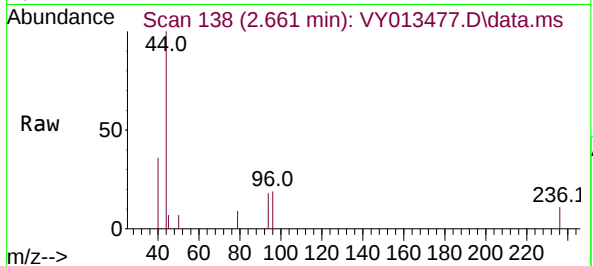




#5
Bromomethane
Concen: 11.552 ug/l
RT: 2.661 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY013477.D
Acq: 26 Apr 2023 16:40

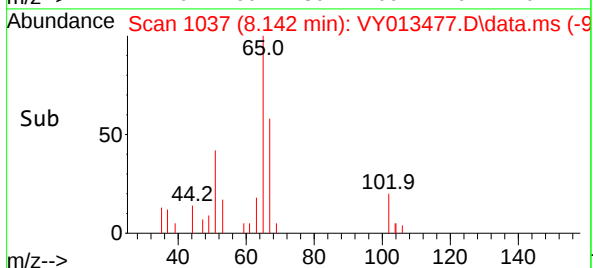
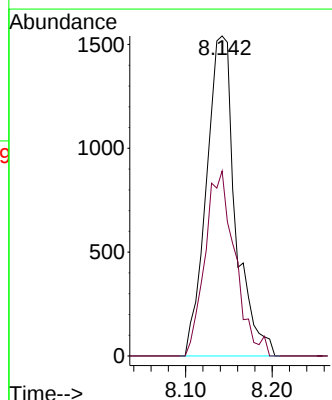
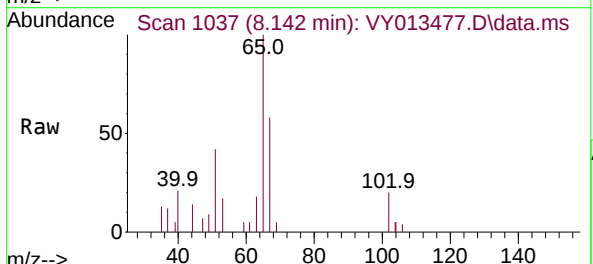
Instrument :
MSVOA_Y
ClientSampleId :
S2S-TP1

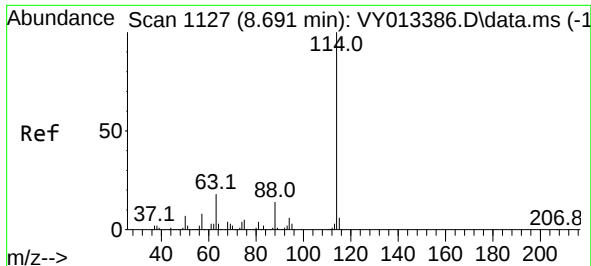
Tgt Ion: 94 Resp: 294
Ion Ratio Lower Upper
94 100
96 104.0 74.2 111.2



#33
1,2-Dichloroethane-d4
Concen: 130.908 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013477.D
Acq: 26 Apr 2023 16:40

Tgt Ion: 65 Resp: 3612
Ion Ratio Lower Upper
65 100
67 59.3 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY013477.D

Acq: 26 Apr 2023 16:40

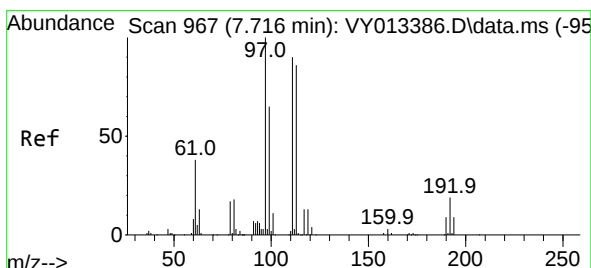
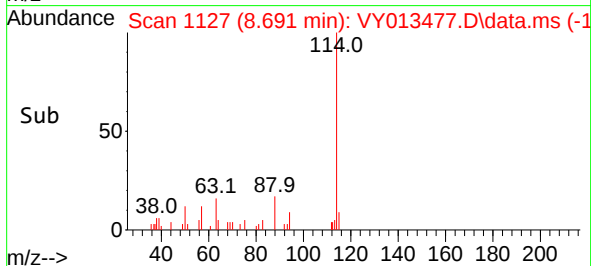
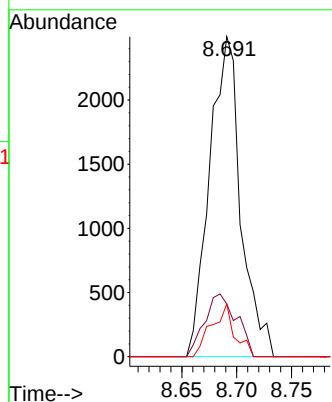
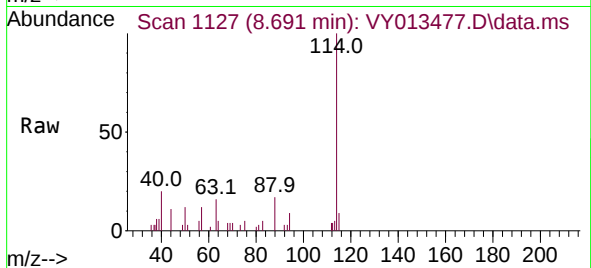
Instrument :

MSVOA_Y

ClientSampleId :

S2S-TP1

Tgt Ion:114	Resp:	4946
Ion	Ratio	Lower Upper
114	100	
63	16.5	0.0 36.6
88	16.5	0.0 28.8



#35

Dibromofluoromethane

Concen: 79.851 ug/l

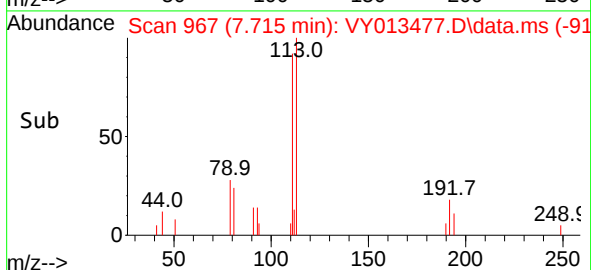
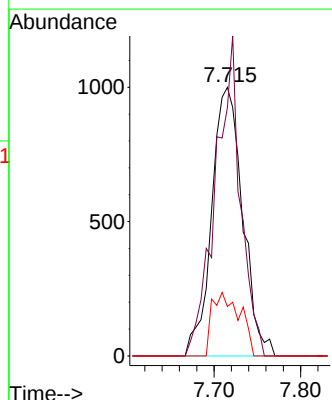
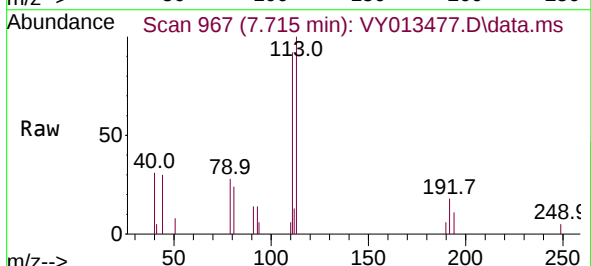
RT: 7.715 min Scan# 967

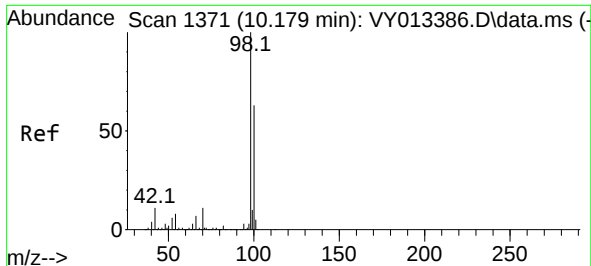
Delta R.T. -0.001 min

Lab File: VY013477.D

Acq: 26 Apr 2023 16:40

Tgt Ion:113	Resp:	2484
Ion	Ratio	Lower Upper
113	100	
111	96.5	82.2 123.2
192	21.1	16.7 25.1

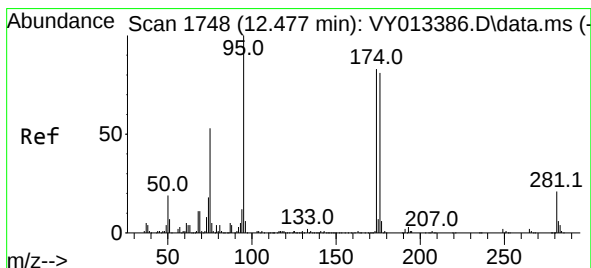
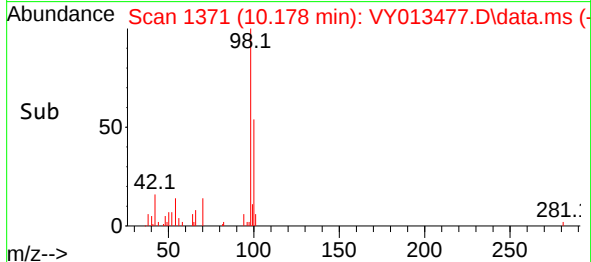
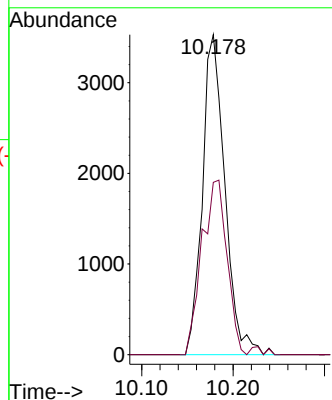
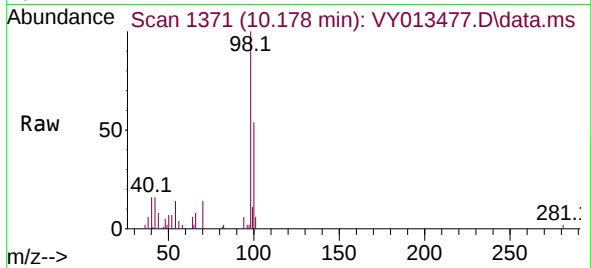




#50
Toluene-d8
Concen: 54.570 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY013477.D
Acq: 26 Apr 2023 16:40

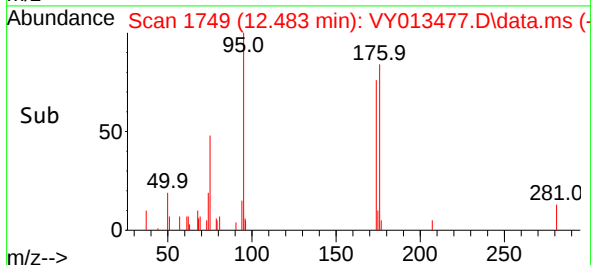
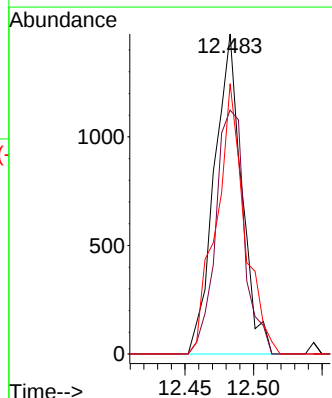
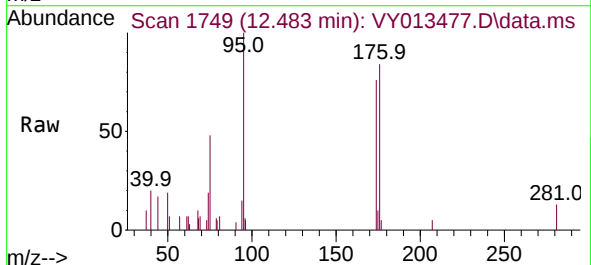
Instrument :
MSVOA_Y
ClientSampleId :
S2S-TP1

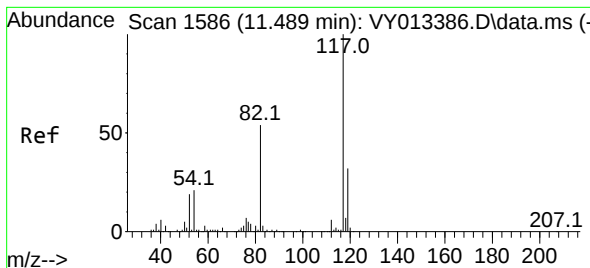
Tgt Ion: 98 Resp: 6039
Ion Ratio Lower Upper
98 100
100 60.8 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 54.975 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013477.D
Acq: 26 Apr 2023 16:40

Tgt Ion: 95 Resp: 2051
Ion Ratio Lower Upper
95 100
174 80.5 0.0 182.0
176 87.2 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013477.D

Acq: 26 Apr 2023 16:40

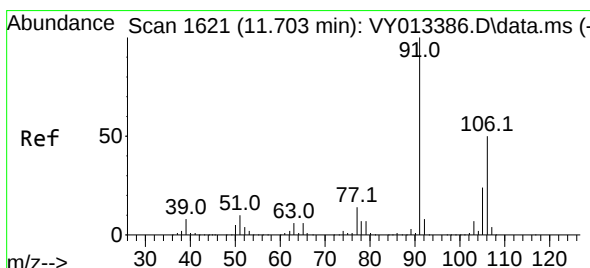
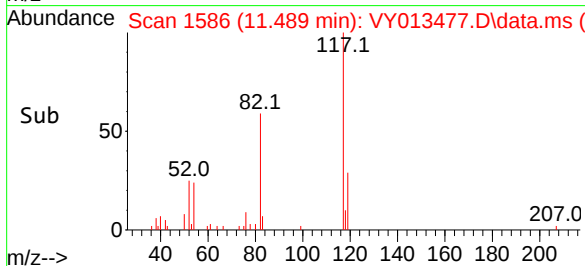
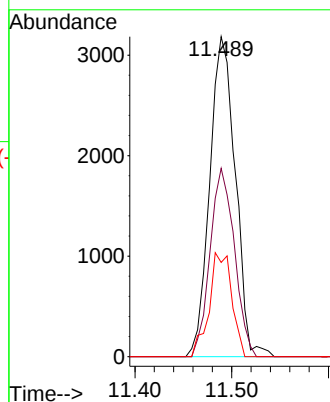
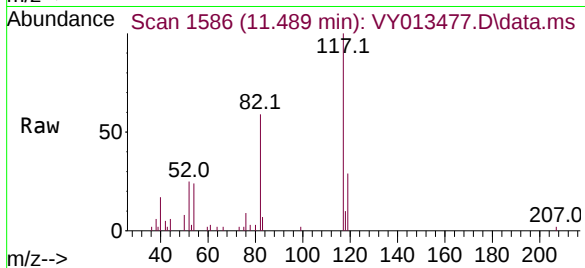
Instrument :

MSVOA_Y

ClientSampleId :

S2S-TP1

Tgt Ion:117	Resp:	5854
Ion	Ratio	Lower Upper
117	100	
82	58.8	43.0 64.6
119	29.5	25.5 38.3



#68

m/p-Xylenes

Concen: 3.113 ug/l

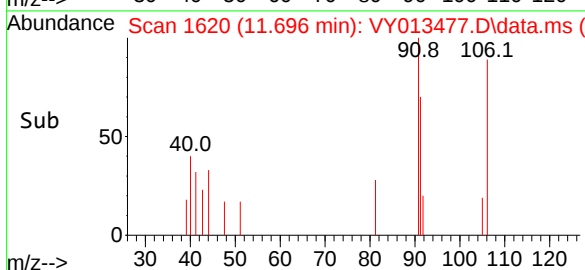
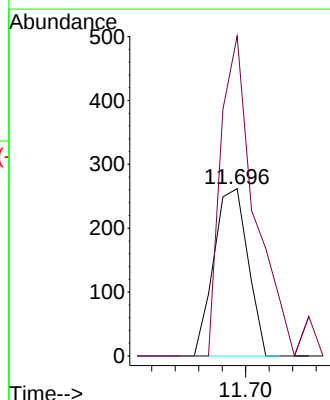
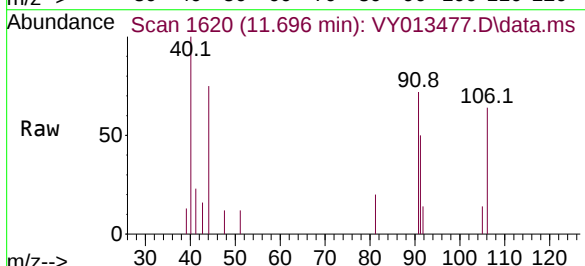
RT: 11.696 min Scan# 1620

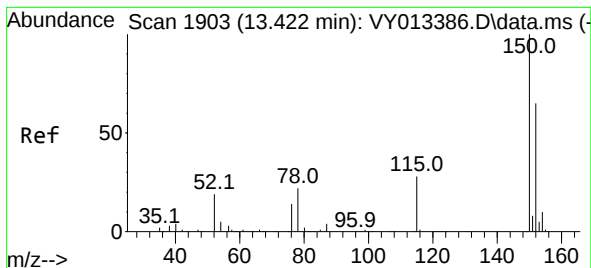
Delta R.T. -0.007 min

Lab File: VY013477.D

Acq: 26 Apr 2023 16:40

Tgt Ion:106	Resp:	265
Ion	Ratio	Lower Upper
106	100	
91	197.4	160.9 241.3

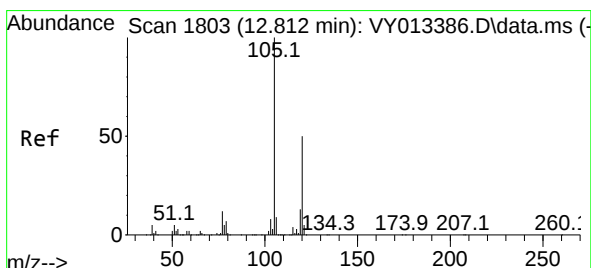
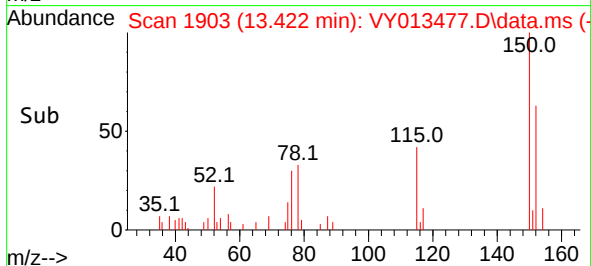
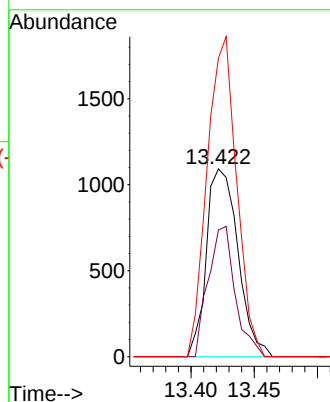
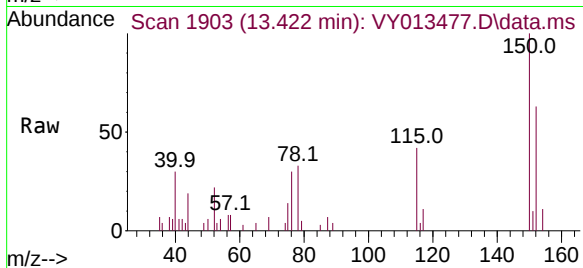




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY013477.D
 Acq: 26 Apr 2023 16:40

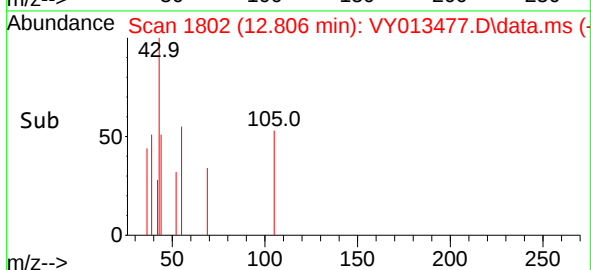
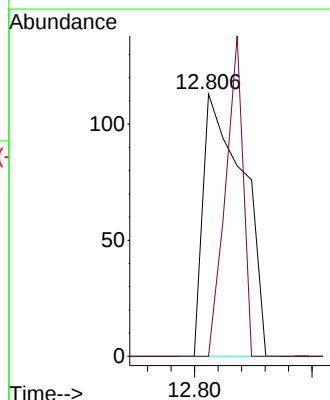
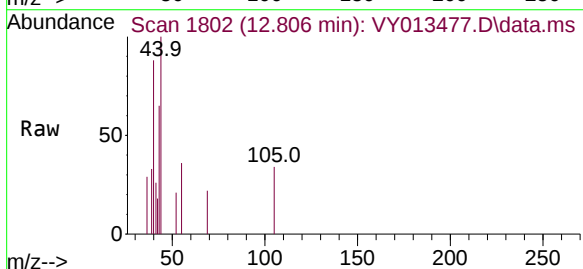
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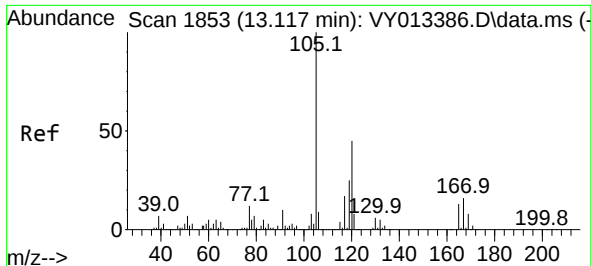
Tgt Ion:152 Resp: 1891
 Ion Ratio Lower Upper
 152 100
 115 59.3 28.1 84.2
 150 159.5 0.0 352.0



#80
 1,3,5-Trimethylbenzene
 Concen: 1.139 ug/l
 RT: 12.806 min Scan# 1802
 Delta R.T. -0.006 min
 Lab File: VY013477.D
 Acq: 26 Apr 2023 16:40

Tgt Ion:105 Resp: 133
 Ion Ratio Lower Upper
 105 100
 120 54.1 24.7 74.1

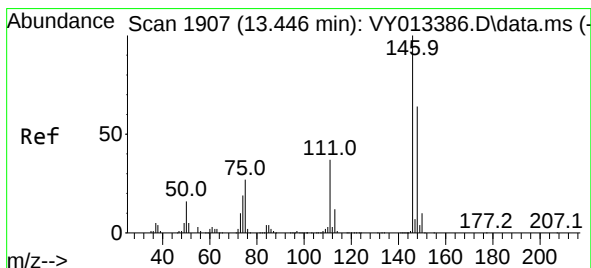
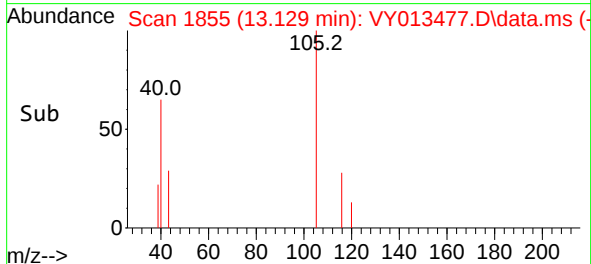
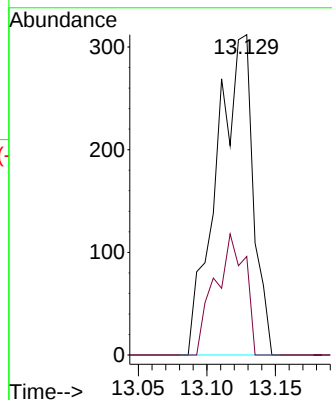
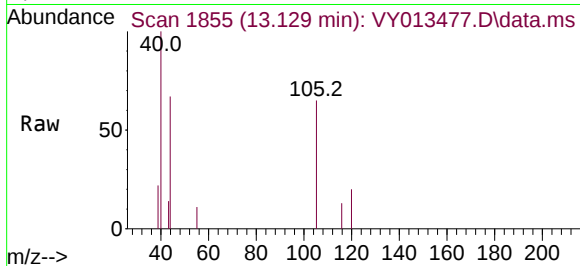




#84
1,2,4-Trimethylbenzene
Concen: 5.084 ug/l
RT: 13.129 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY013477.D
Acq: 26 Apr 2023 16:40

Instrument :
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ClientSampleId :
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Tgt Ion:105 Resp: 577
Ion Ratio Lower Upper
105 100
120 31.2 22.3 66.9



#88
1,4-Dichlorobenzene
Concen: 2.699 ug/l
RT: 13.452 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY013477.D
Acq: 26 Apr 2023 16:40

Tgt Ion:146 Resp: 180
Ion Ratio Lower Upper
146 100
111 58.3 18.9 56.5#
148 61.1 31.9 95.5

