

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042723\
 Data File : VY013504.D
 Acq On : 27 Apr 2023 20:00
 Operator : KP/MD
 Sample : 02491-03RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S2S-TP4RE

Quant Time: Apr 28 01:34:33 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)

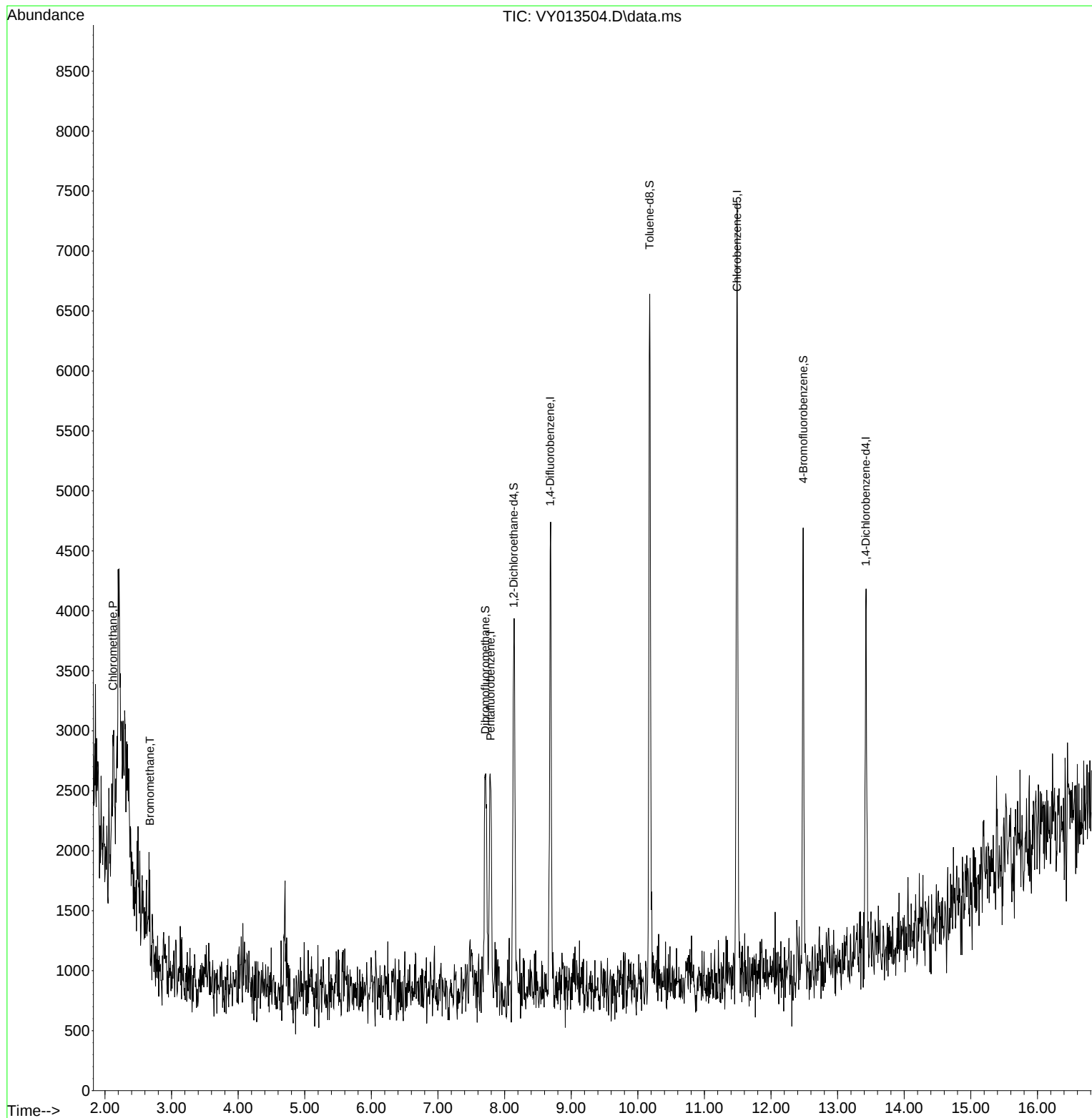
Internal Standards						
1) Pentafluorobenzene	7.789	168	1852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	3344	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	3632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	969	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	2532	124.717	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 249.440%#	
35) Dibromofluoromethane	7.710	113	1556	73.982	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 147.960%#	
50) Toluene-d8	10.179	98	4394	58.727	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 117.460%	
62) 4-Bromofluorobenzene	12.483	95	1089	43.174	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 86.340%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	299	12.669	ug/l	89
5) Bromomethane	2.674	94	89	4.753	ug/l #	68

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

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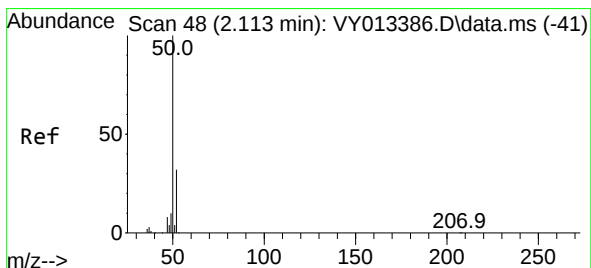
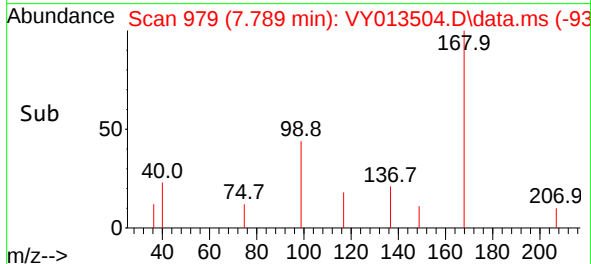
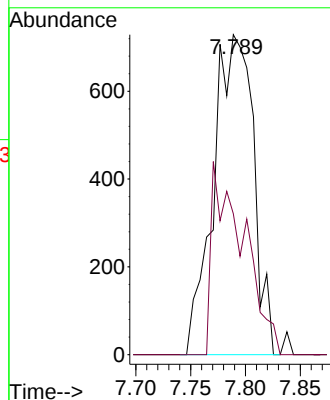
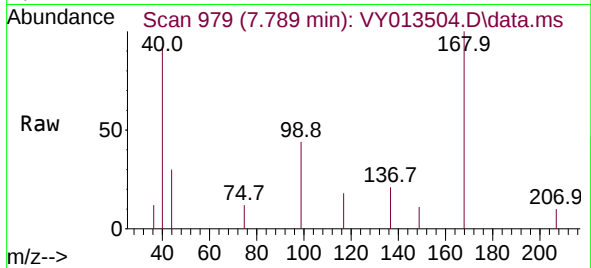




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013504.D
Acq: 27 Apr 2023 20:00

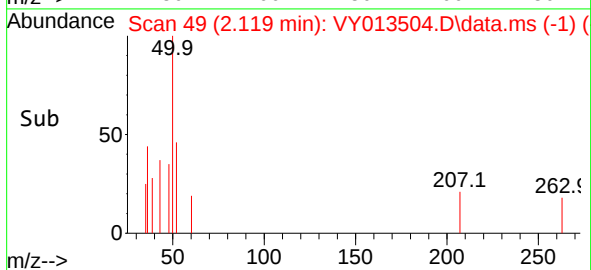
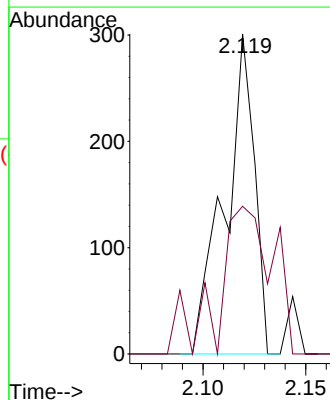
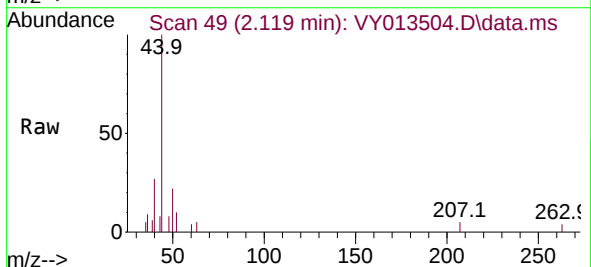
Instrument :
MSVOA_Y
ClientSampleId :
S2S-TP4RE

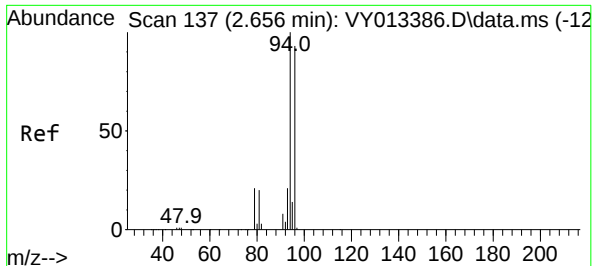
Tgt Ion:168 Resp: 1852
Ion Ratio Lower Upper
168 100
99 44.0 41.8 62.6



#3
Chloromethane
Concen: 12.669 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY013504.D
Acq: 27 Apr 2023 20:00

Tgt Ion: 50 Resp: 299
Ion Ratio Lower Upper
50 100
52 26.2 25.9 38.9

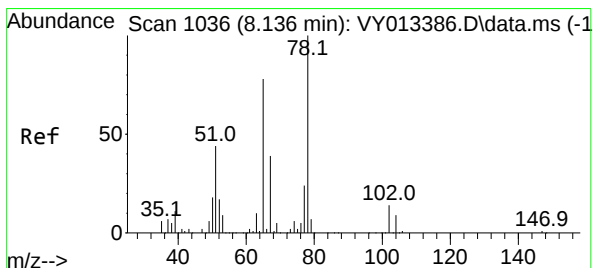
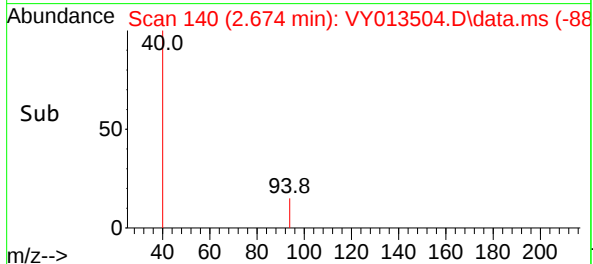
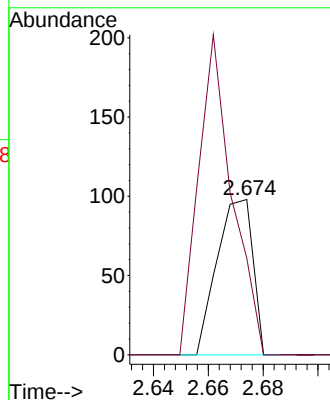
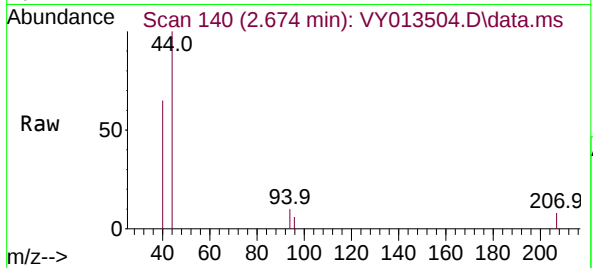




#5
Bromomethane
Concen: 4.753 ug/l
RT: 2.674 min Scan# 14
Delta R.T. 0.018 min
Lab File: VY013504.D
Acq: 27 Apr 2023 20:00

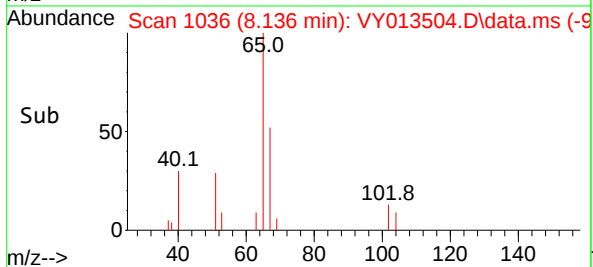
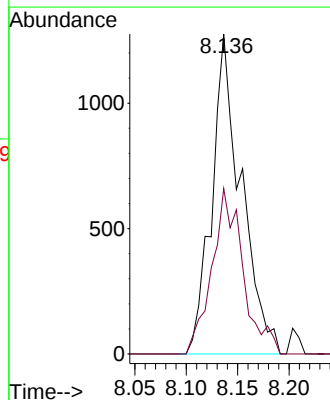
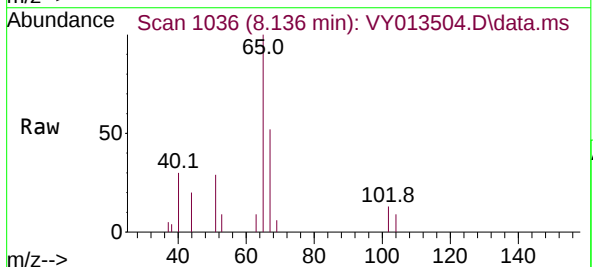
Instrument :
MSVOA_Y
ClientSampleId :
S2S-TP4RE

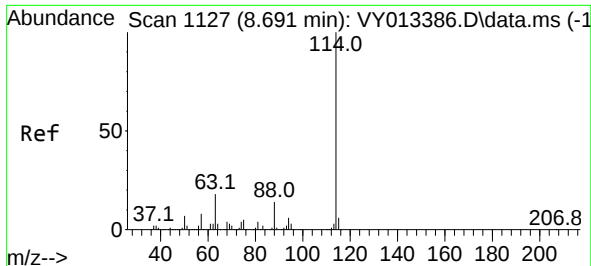
Tgt Ion: 94 Resp: 89
Ion Ratio Lower Upper
94 100
96 62.2 74.2 111.2#



#33
1,2-Dichloroethane-d4
Concen: 124.717 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013504.D
Acq: 27 Apr 2023 20:00

Tgt Ion: 65 Resp: 2532
Ion Ratio Lower Upper
65 100
67 54.7 0.0 103.4

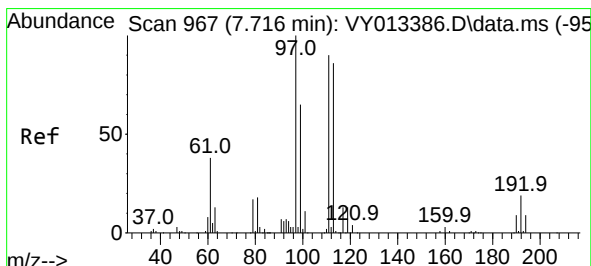
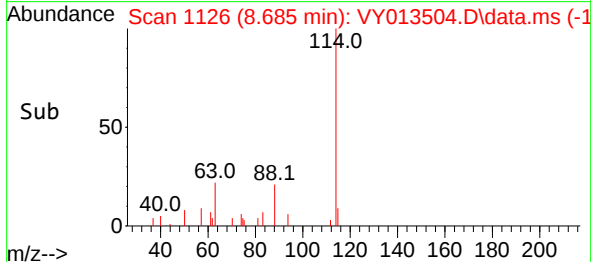
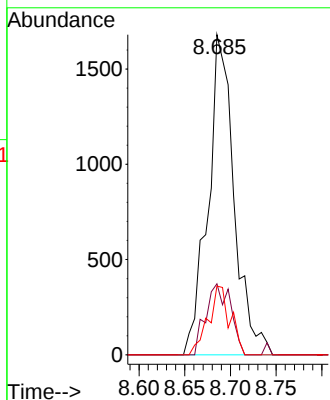
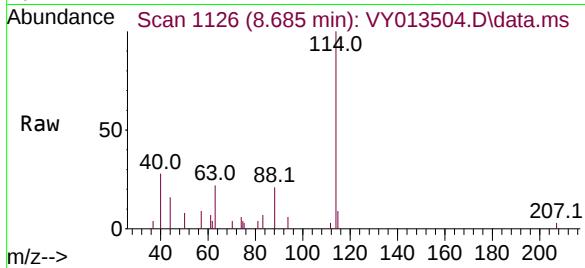




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY013504.D
Acq: 27 Apr 2023 20:00

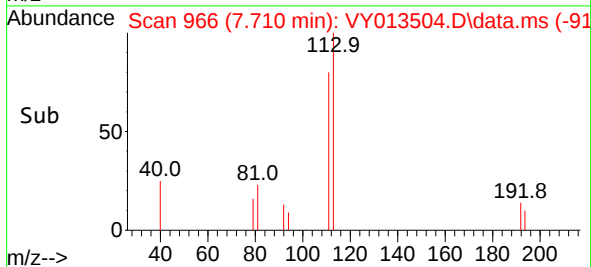
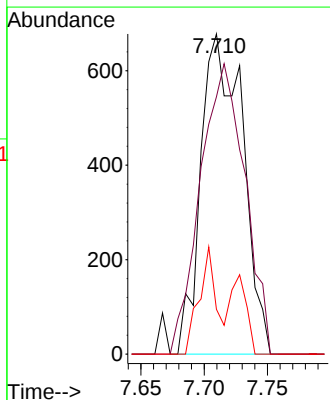
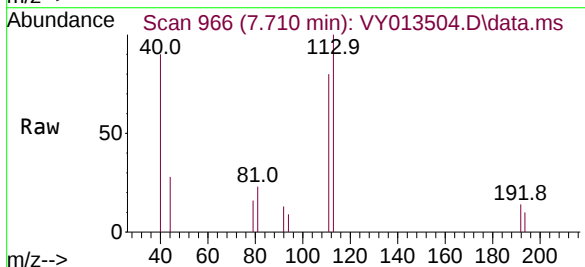
Instrument :
MSVOA_Y
ClientSampleId :
S2S-TP4RE

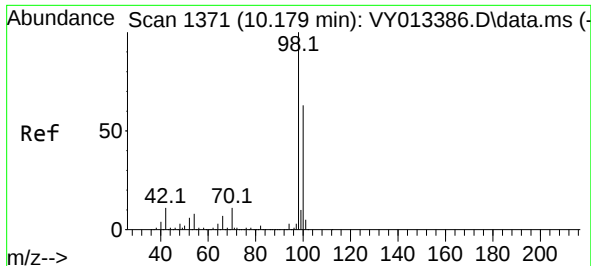
Tgt Ion:114	Resp:	3344	
Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	36.6
88	21.5	0.0	28.8



#35
Dibromofluoromethane
Concen: 73.982 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY013504.D
Acq: 27 Apr 2023 20:00

Tgt Ion:113	Resp:	1556	
Ion	Ratio	Lower	Upper
113	100		
111	97.0	82.2	123.2
192	14.0	16.7	25.1#

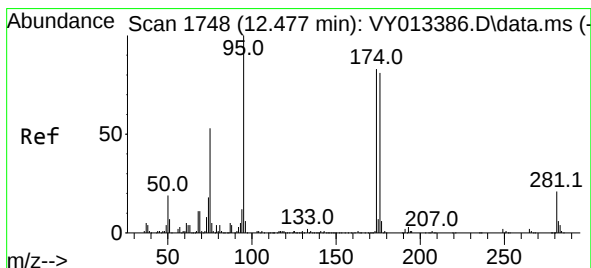
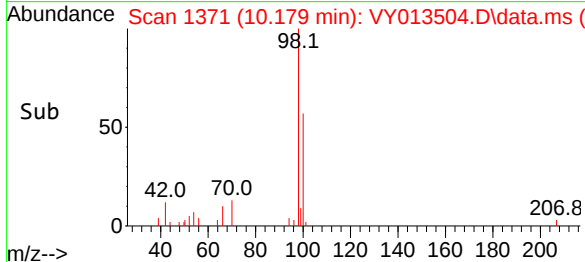
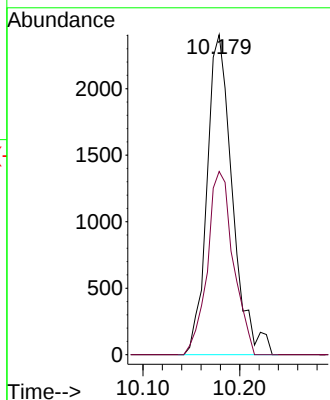
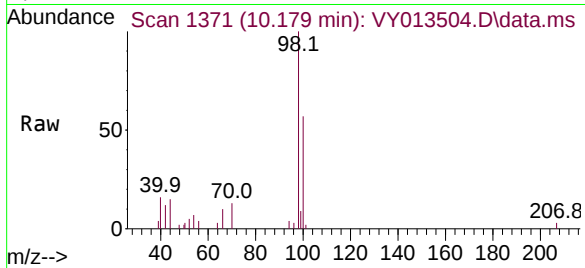




#50
Toluene-d8
Concen: 58.727 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013504.D
Acq: 27 Apr 2023 20:00

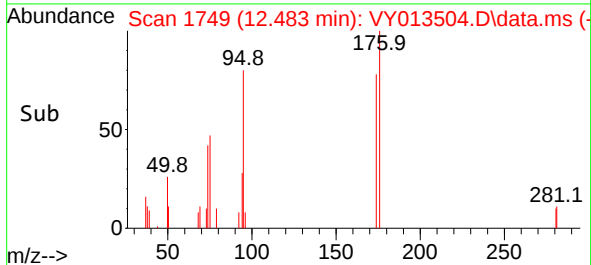
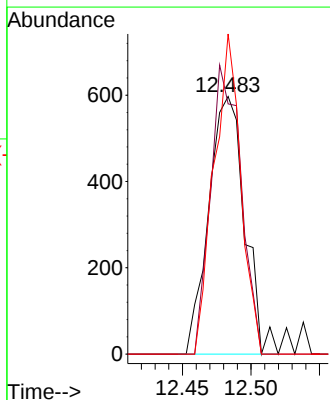
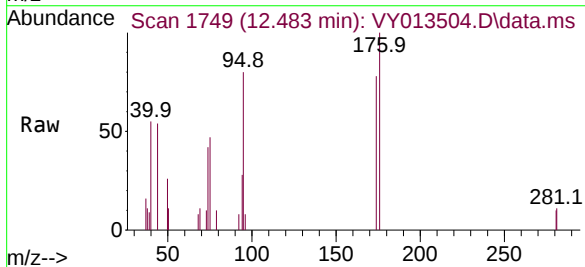
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ClientSampleId :
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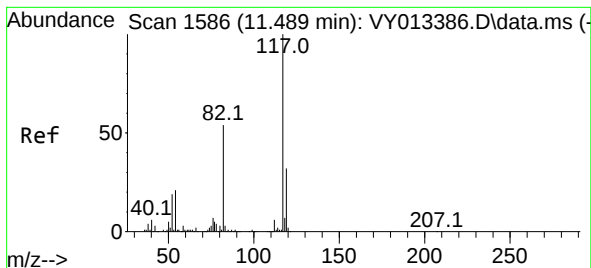
Tgt Ion: 98 Resp: 4394
Ion Ratio Lower Upper
98 100
100 58.3 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 43.174 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013504.D
Acq: 27 Apr 2023 20:00

Tgt Ion: 95 Resp: 1089
Ion Ratio Lower Upper
95 100
174 94.7 0.0 182.0
176 93.0 0.0 175.4

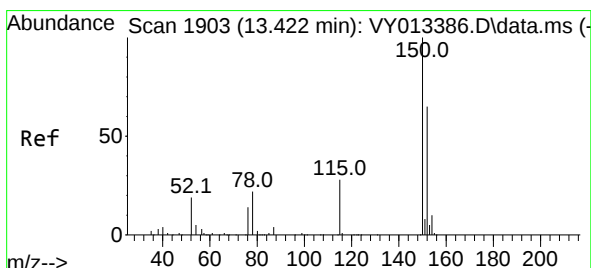
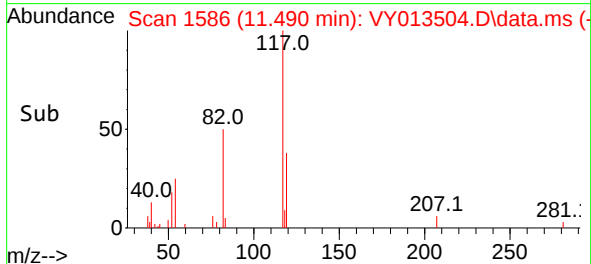
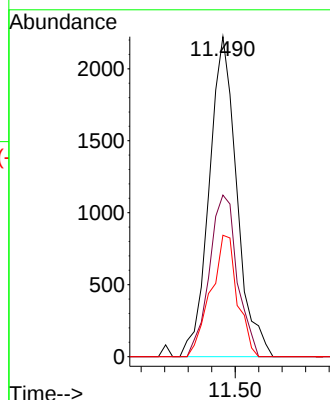
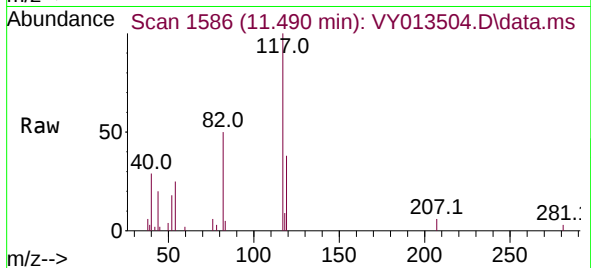




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013504.D
Acq: 27 Apr 2023 20:00

Instrument :
MSVOA_Y
ClientSampleId :
S2S-TP4RE

Tgt Ion:117	Resp:	3632
Ion	Ratio	Lower Upper
117	100	
82	50.5	43.0 64.6
119	38.0	25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013504.D
Acq: 27 Apr 2023 20:00

Tgt Ion:152	Resp:	969
Ion	Ratio	Lower Upper
152	100	
115	66.3	28.1 84.2
150	160.3	0.0 352.0

