

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012025\
 Data File : VY020880.D
 Acq On : 20 Jan 2025 14:38
 Operator : SY/MD
 Sample : Q1132-04
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-2-011725

Quant Time: Jan 21 00:42:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

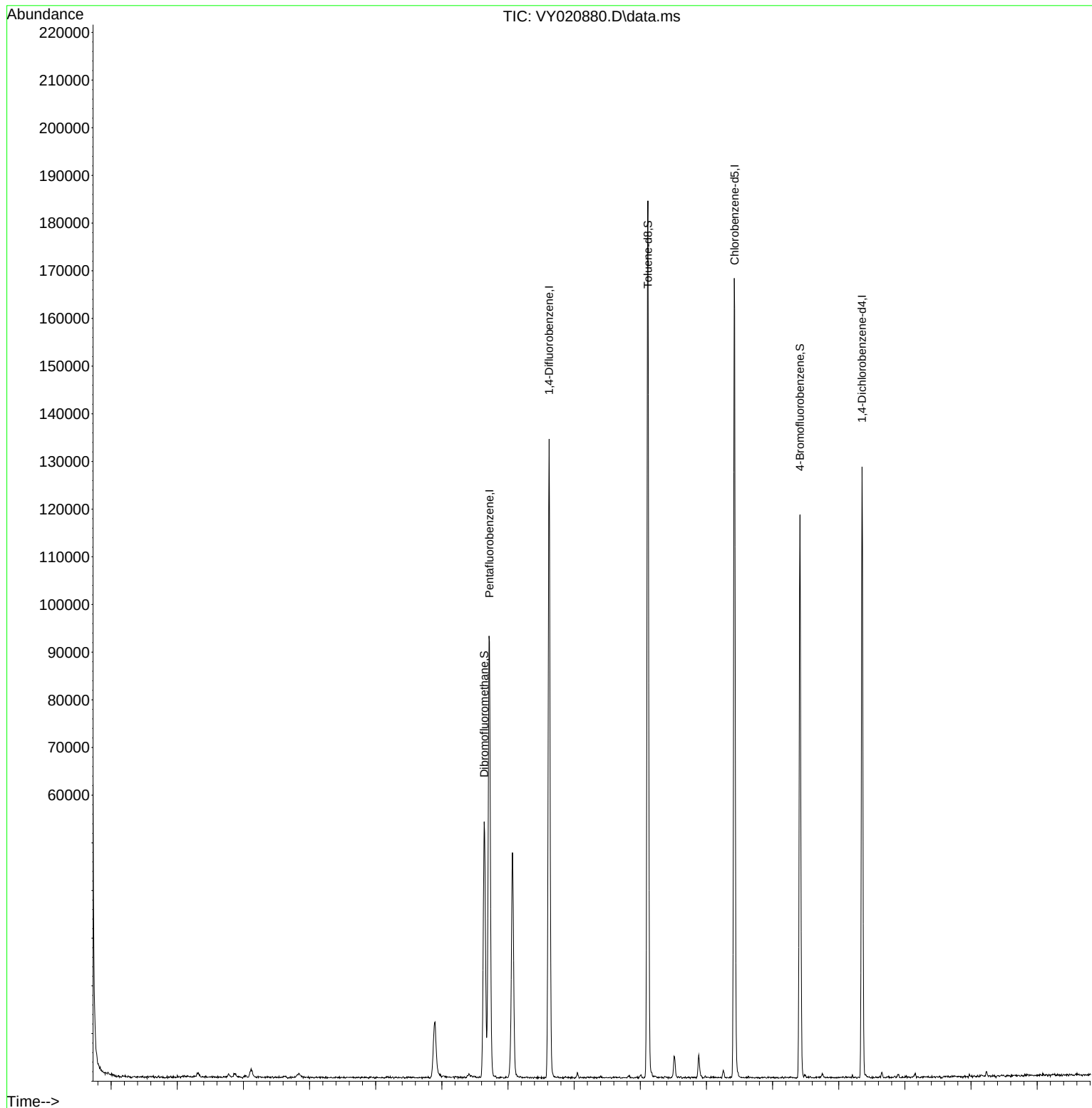
Internal Standards						
1) Pentafluorobenzene	7.719	168	76510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	117900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	96350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	35362	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	37676	57.936	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.880%
35) Dibromofluoromethane	7.640	113	38508	52.134	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.260%
50) Toluene-d8	10.115	98	126725	49.216	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.440%
62) 4-Bromofluorobenzene	12.414	95	34469	36.250	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	72.500%
Target Compounds						
16) Acetone	3.873	43	1346	14.555	ug/l	Qvalue 89
51) 4-Methyl-2-Pentanone	10.006	43	506	1.328	ug/l #	81

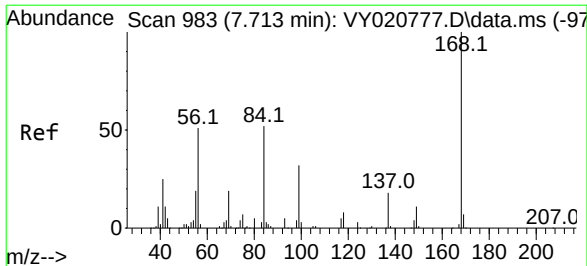
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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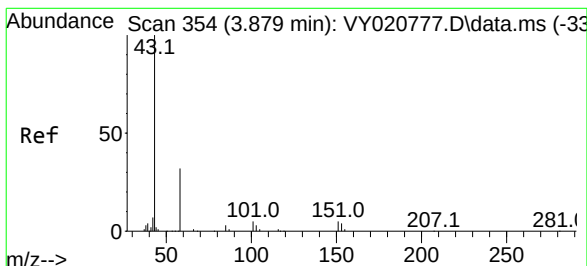
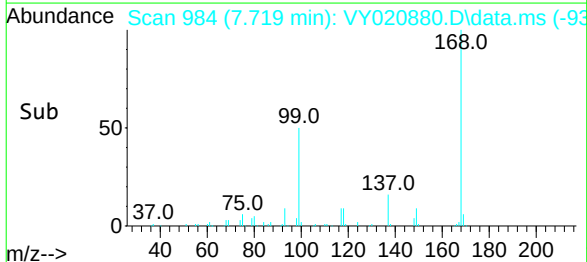
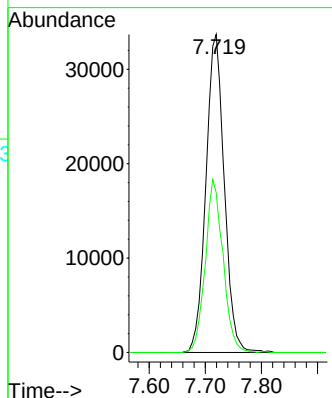
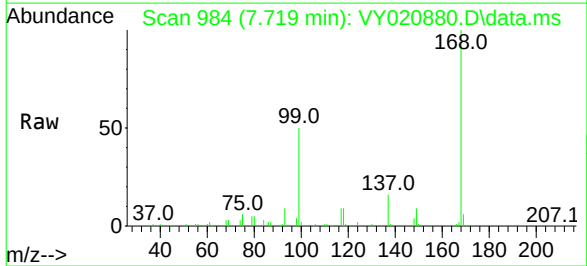




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020880.D
Acq: 20 Jan 2025 14:38

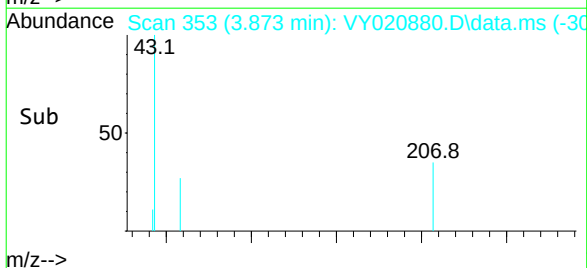
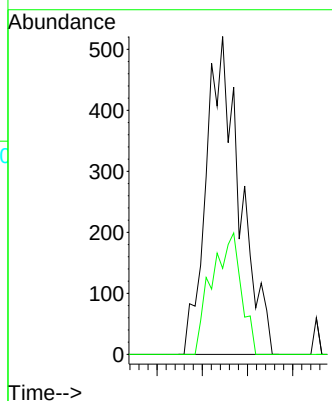
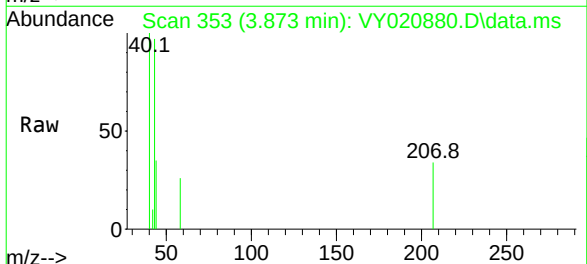
Instrument :
MSVOA_Y
ClientSampleId :
HD-2-011725

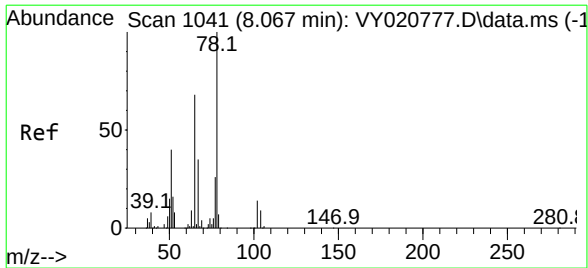
Tgt Ion: 168 Resp: 76510
Ion Ratio Lower Upper
168 100
99 50.3 44.3 66.5



#16
Acetone
Concen: 14.555 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY020880.D
Acq: 20 Jan 2025 14:38

Tgt Ion: 43 Resp: 1346
Ion Ratio Lower Upper
43 100
58 27.1 26.7 40.1

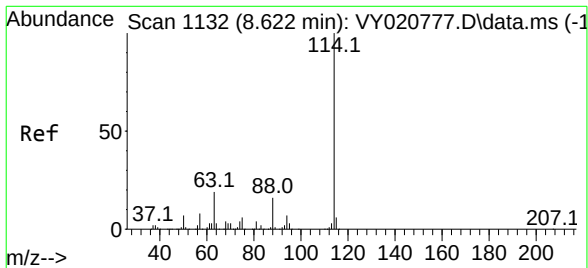
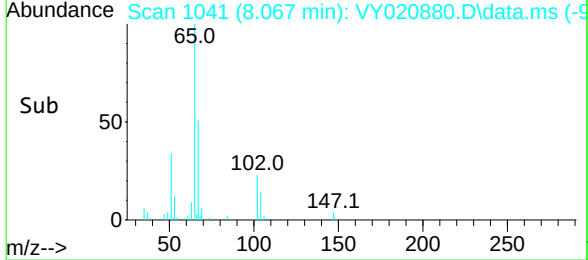
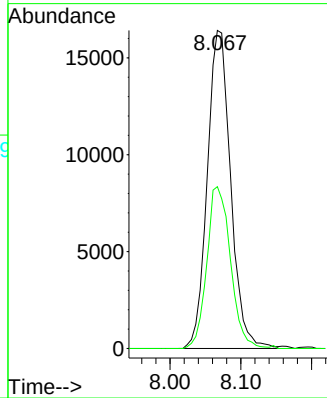
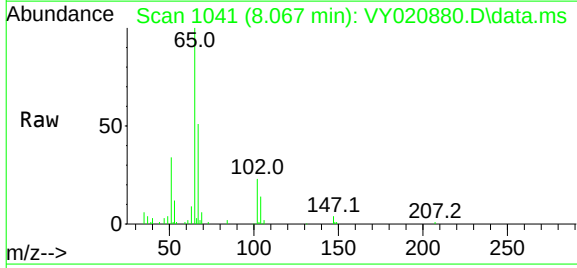




#33
1,2-Dichloroethane-d4
Concen: 57.936 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY020880.D
Acq: 20 Jan 2025 14:38

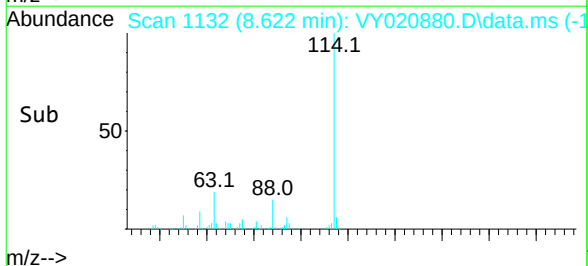
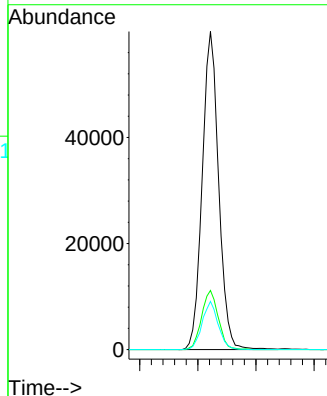
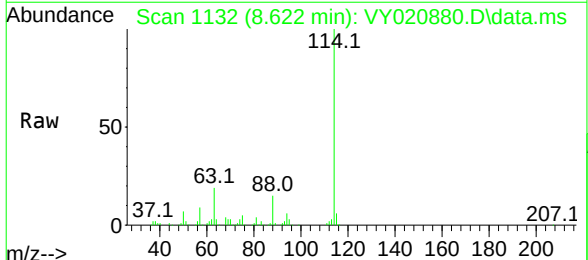
Instrument :
MSVOA_Y
ClientSampleId :
HD-2-011725

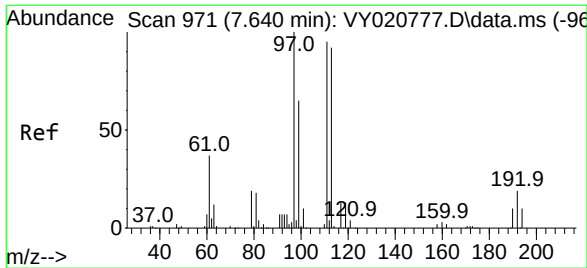
Tgt Ion: 65 Resp: 37676
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY020880.D
Acq: 20 Jan 2025 14:38

Tgt Ion: 114 Resp: 117900
Ion Ratio Lower Upper
114 100
63 18.6 0.0 38.4
88 15.1 0.0 31.2

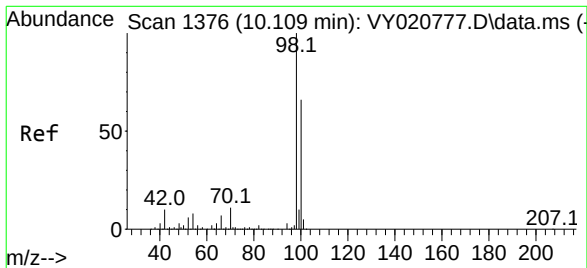
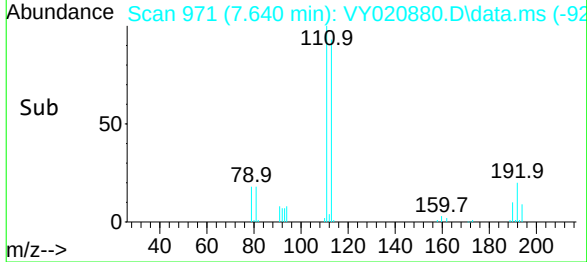
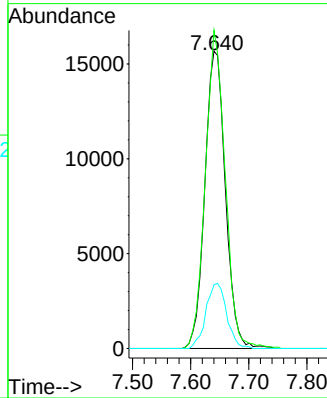
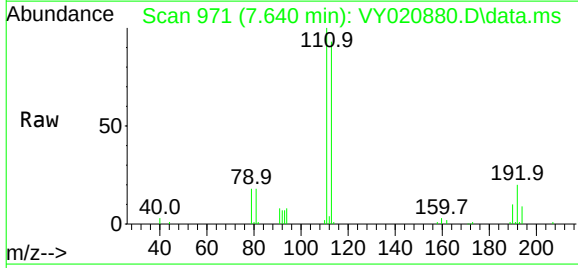




#35
Dibromofluoromethane
Concen: 52.134 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY020880.D
Acq: 20 Jan 2025 14:38

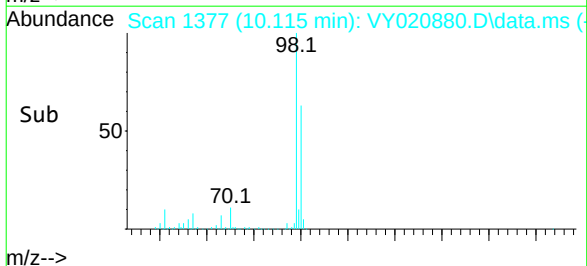
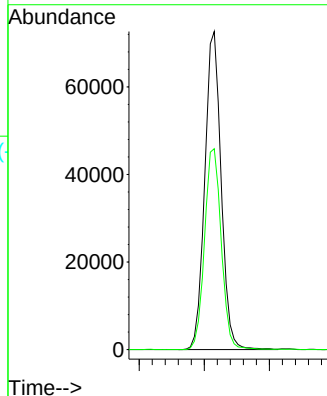
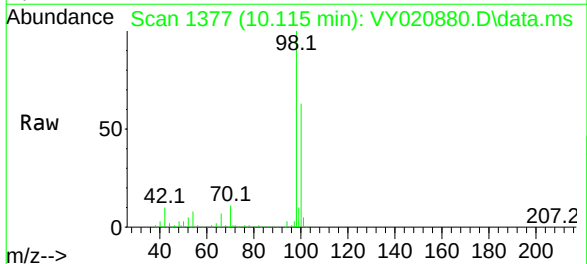
Instrument :
MSVOA_Y
ClientSampleId :
HD-2-011725

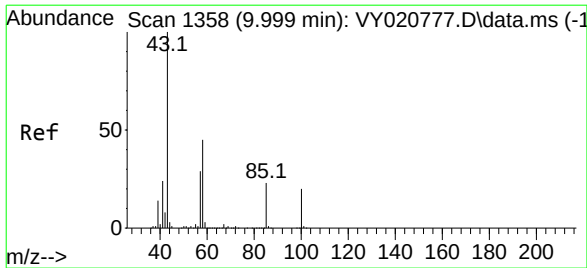
Tgt Ion:113 Resp: 38508
Ion Ratio Lower Upper
113 100
111 103.5 81.7 122.5
192 22.1 16.7 25.1



#50
Toluene-d8
Concen: 49.216 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY020880.D
Acq: 20 Jan 2025 14:38

Tgt Ion: 98 Resp: 126725
Ion Ratio Lower Upper
98 100
100 64.6 52.5 78.7

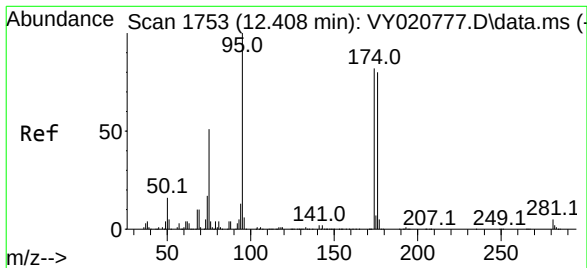
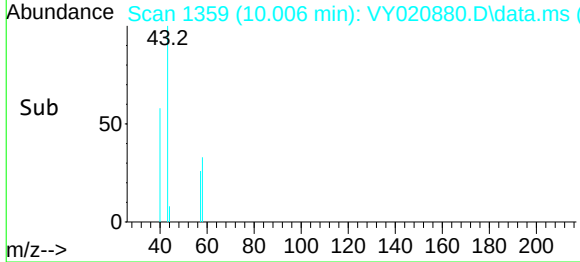
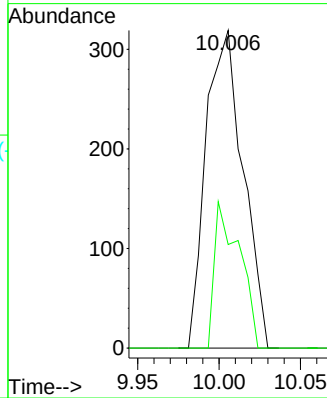
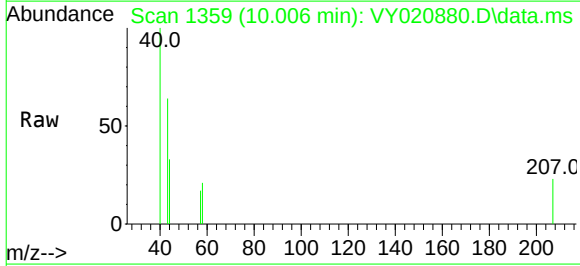




#51
4-Methyl-2-Pentanone
Concen: 1.328 ug/l
RT: 10.006 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY020880.D
Acq: 20 Jan 2025 14:38

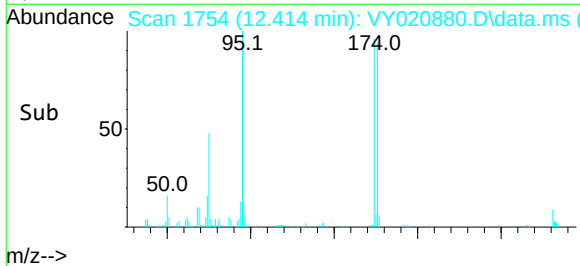
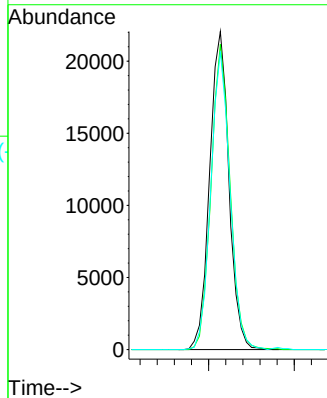
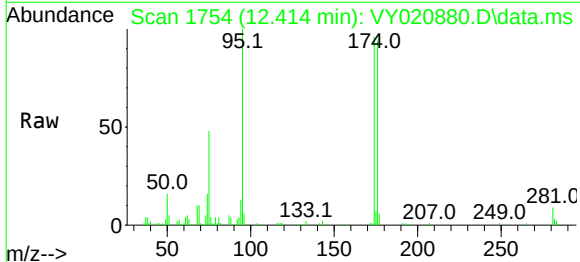
Instrument : MSVOA_Y
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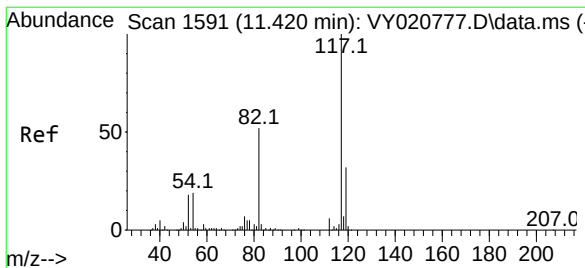
Tgt Ion: 43 Resp: 506
Ion Ratio Lower Upper
43 100
58 31.0 34.8 52.2#



#62
4-Bromofluorobenzene
Concen: 36.250 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY020880.D
Acq: 20 Jan 2025 14:38

Tgt Ion: 95 Resp: 34469
Ion Ratio Lower Upper
95 100
174 94.6 0.0 178.0
176 92.9 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY020880.D

Acq: 20 Jan 2025 14:38

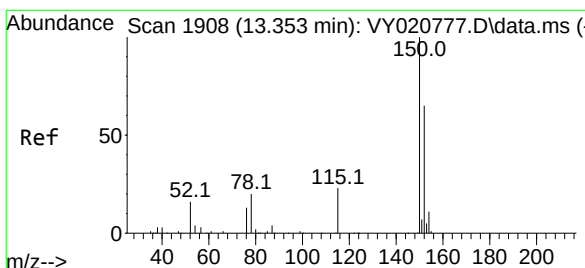
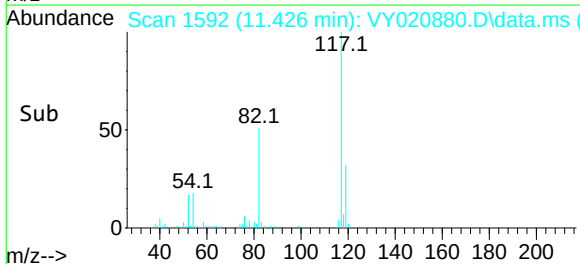
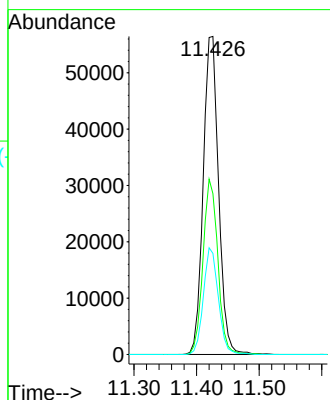
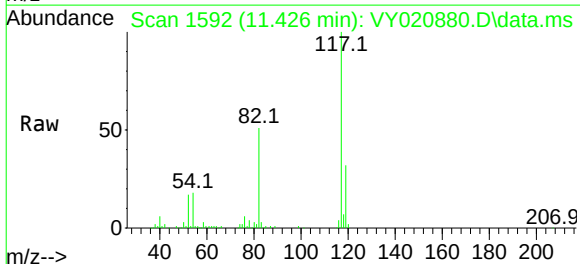
Instrument :

MSVOA_Y

ClientSampleId :

HD-2-011725

Tgt Ion:	117	Resp:	96350
Ion	Ratio	Lower	Upper
117	100		
82	50.6	41.8	62.6
119	31.8	25.8	38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY020880.D

Acq: 20 Jan 2025 14:38

Tgt Ion:	152	Resp:	35362
Ion	Ratio	Lower	Upper
152	100		
115	55.9	29.0	87.0
150	155.8	0.0	347.4

