Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101025\
Data File : VY023436.D
Acq On : 10 Oct 2025 14:03
Operator : SY/MD
Sample : Q3323-03
Misc : 8.75g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SED-03-0-2

Quant Time: Oct 11 01:57:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	573947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1114100	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1082536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	408123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	282871	58.938	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.880%			
35) Dibromofluoromethane	7.640	113	362612	52.970	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.940%			
50) Toluene-d8	10.109	98	1315087	51.585	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.160%			
62) 4-Bromofluorobenzene	12.408	95	435562	51.749	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.500%			
Target Compounds						Qvalue
16) Acetone	3.872	43	23425	20.502	ug/l	100
17) Carbon Disulfide	4.110	76	55688	3.800	ug/l	99
20) Methylene Chloride	4.622	84	29428	4.763	ug/l	98

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

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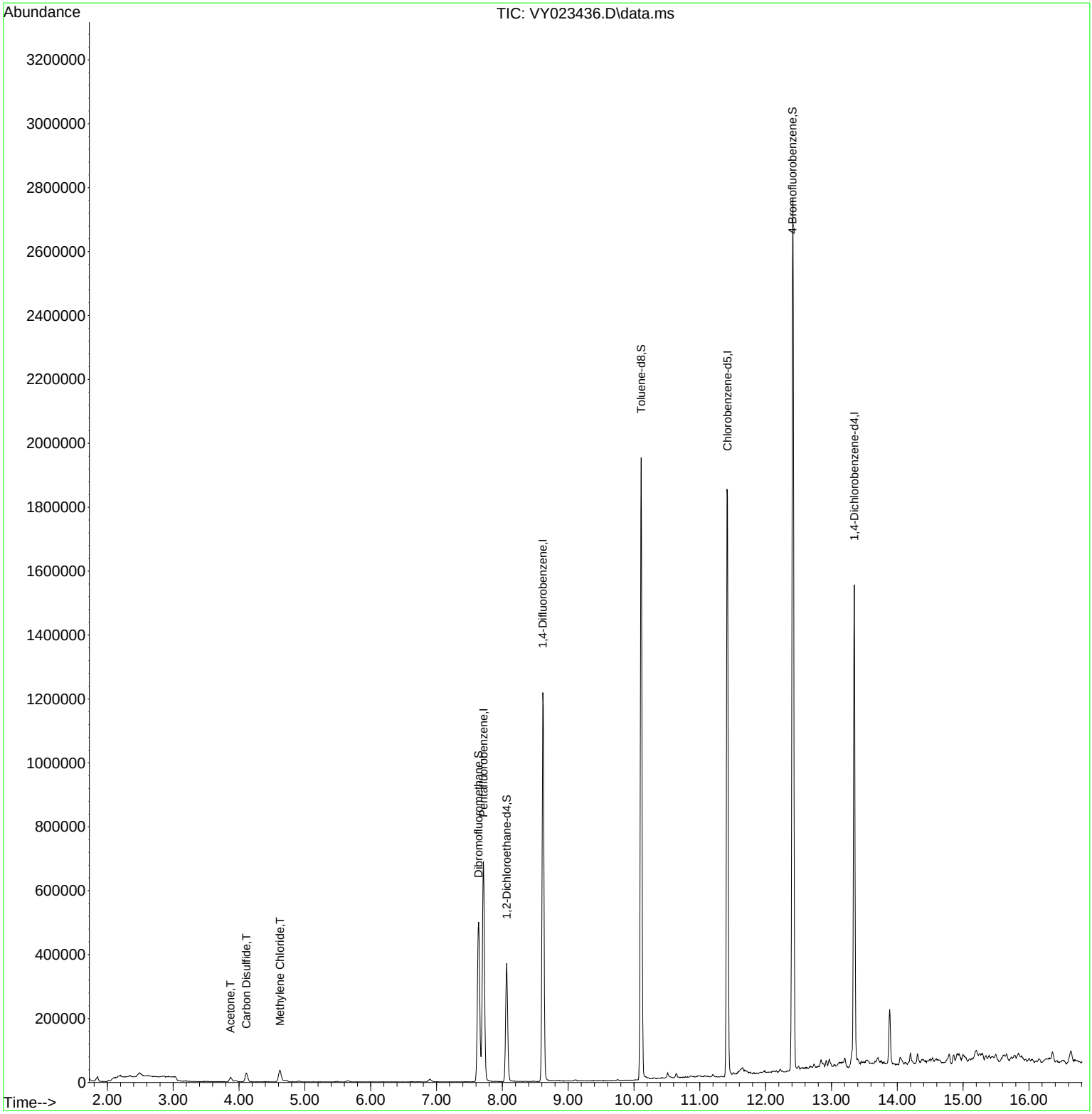
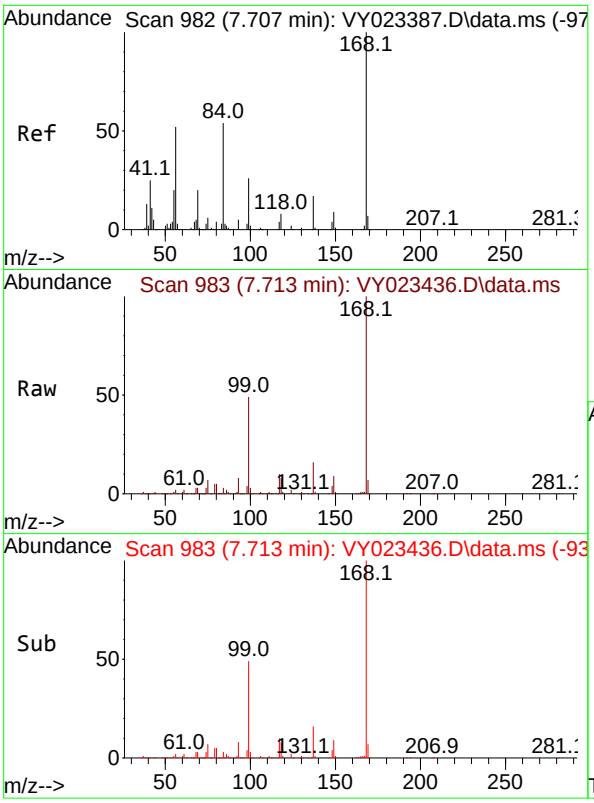


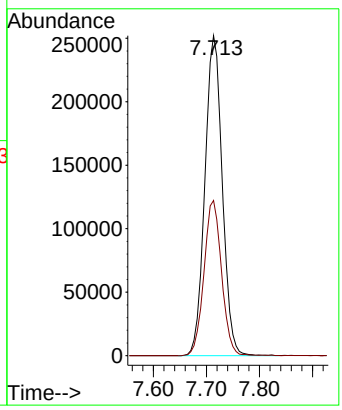


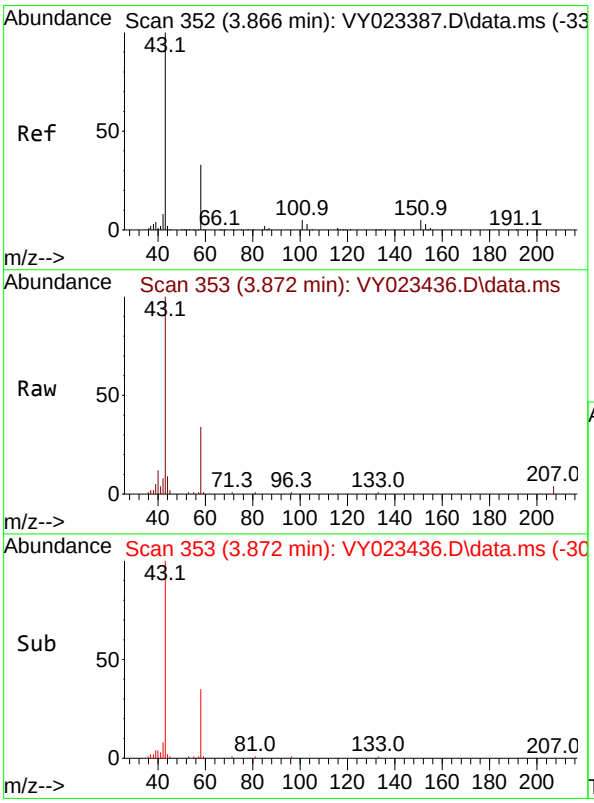
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023436.D
Acq: 10 Oct 2025 14:03

Instrument :
MSVOA_Y
ClientSampleId :
SED-03-0-2

Tgt Ion:168 Resp: 573947

Ion	Ratio	Lower	Upper
168	100		
99	48.5	39.7	59.5

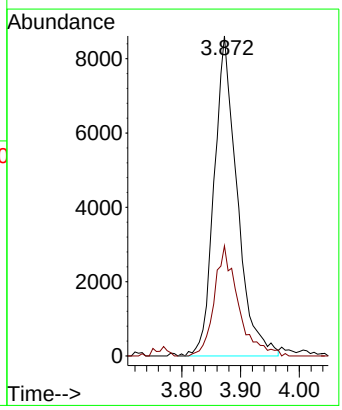


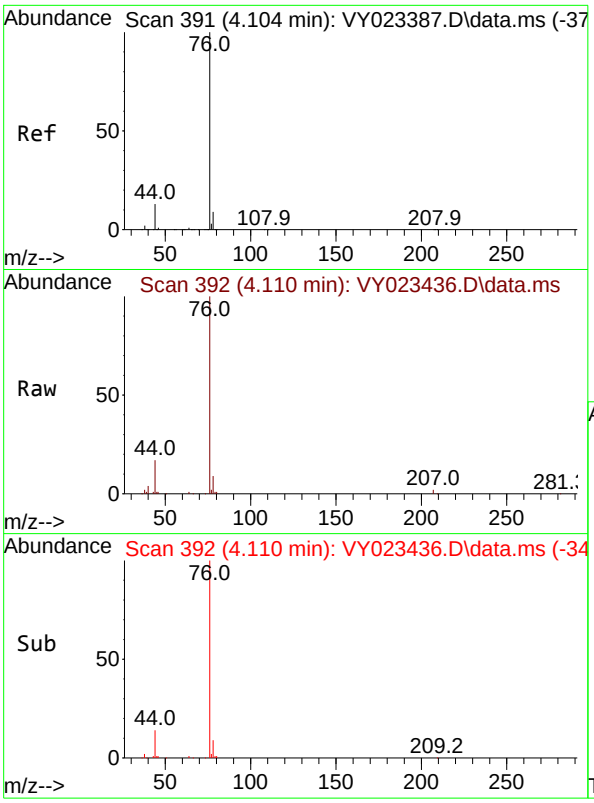


#16
Acetone
Concen: 20.502 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023436.D
Acq: 10 Oct 2025 14:03

Tgt Ion: 43 Resp: 23425

Ion	Ratio	Lower	Upper
43	100		
58	34.4	27.7	41.5



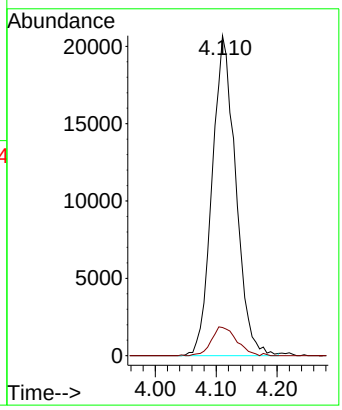


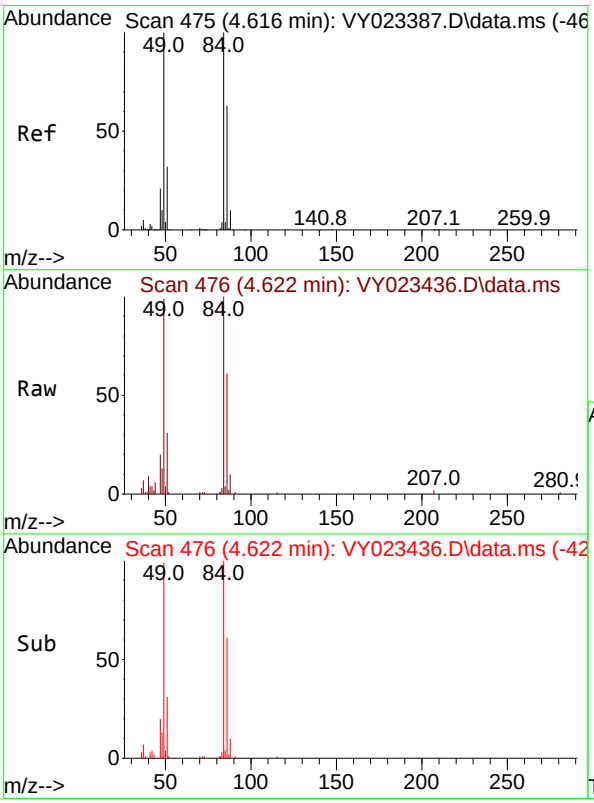
#17
Carbon Disulfide
Concen: 3.800 ug/l
RT: 4.110 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY023436.D
Acq: 10 Oct 2025 14:03

Instrument :
MSVOA_Y
ClientSampleId :
SED-03-0-2

Tgt Ion: 76 Resp: 55688

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.3	10.9

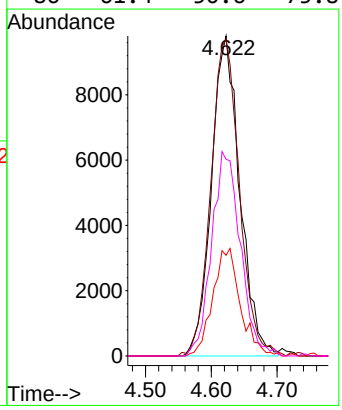


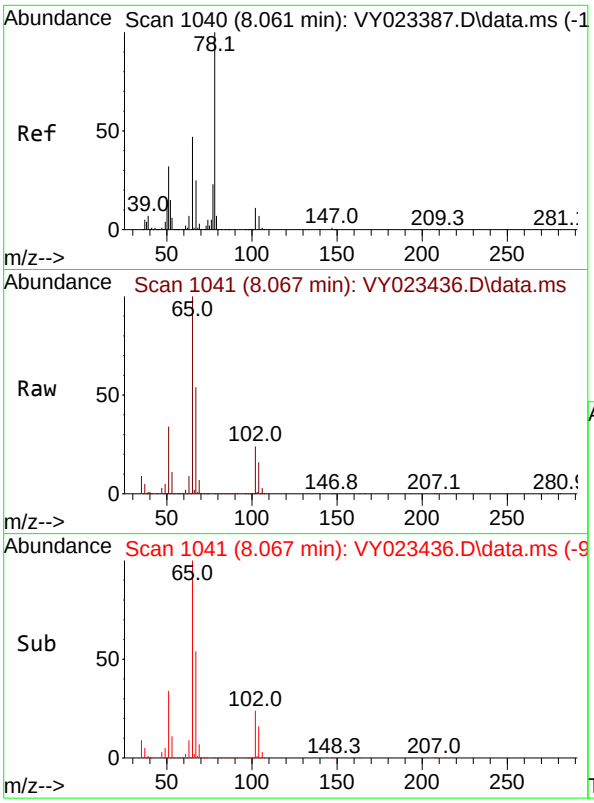


#20
Methylene Chloride
Concen: 4.763 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY023436.D
Acq: 10 Oct 2025 14:03

Tgt Ion: 84 Resp: 29428

Ion	Ratio	Lower	Upper
84	100		
49	98.9	80.2	120.4
51	31.4	25.9	38.9
86	61.4	50.6	75.8



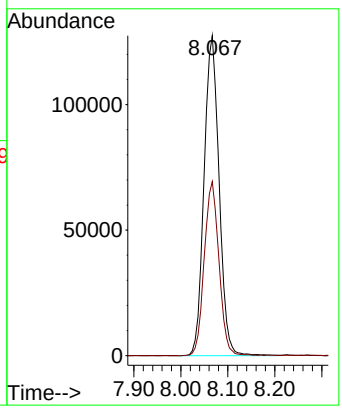


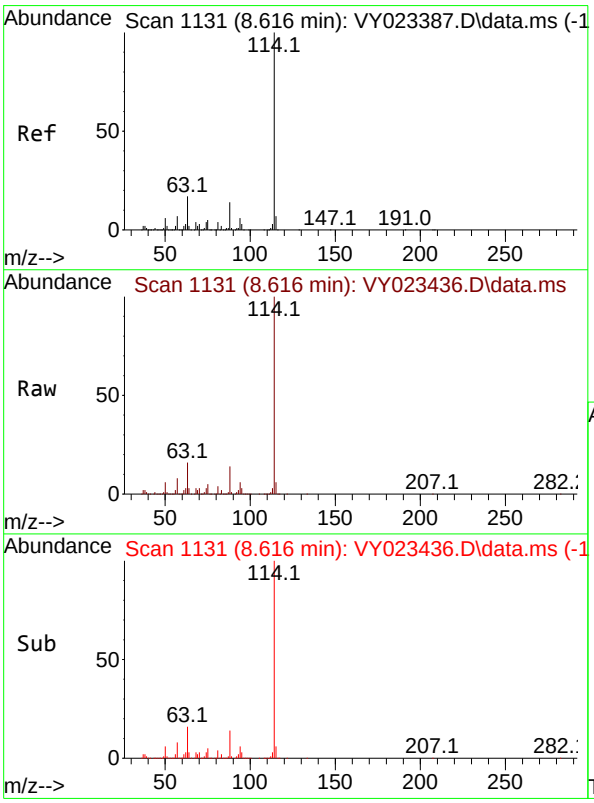
#33
1,2-Dichloroethane-d4
Concen: 58.938 ug/l
RT: 8.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023436.D
Acq: 10 Oct 2025 14:03

Instrument :
MSVOA_Y
ClientSampleId :
SED-03-0-2

Tgt Ion: 65 Resp: 282871

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.8

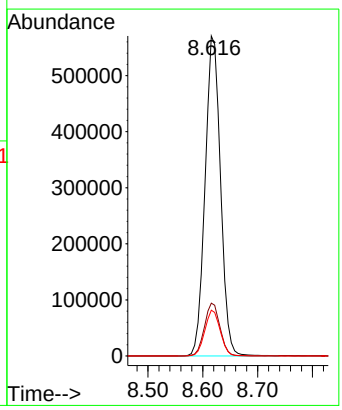


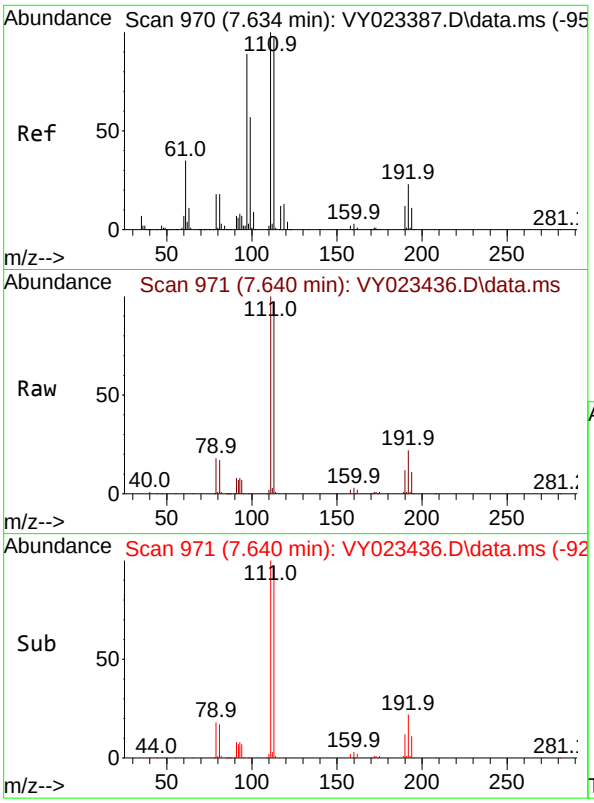


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023436.D
Acq: 10 Oct 2025 14:03

Tgt Ion:114 Resp: 1114100

Ion	Ratio	Lower	Upper
114	100		
63	16.5	0.0	34.2
88	14.3	0.0	28.4



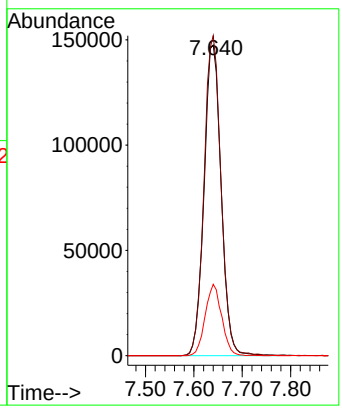


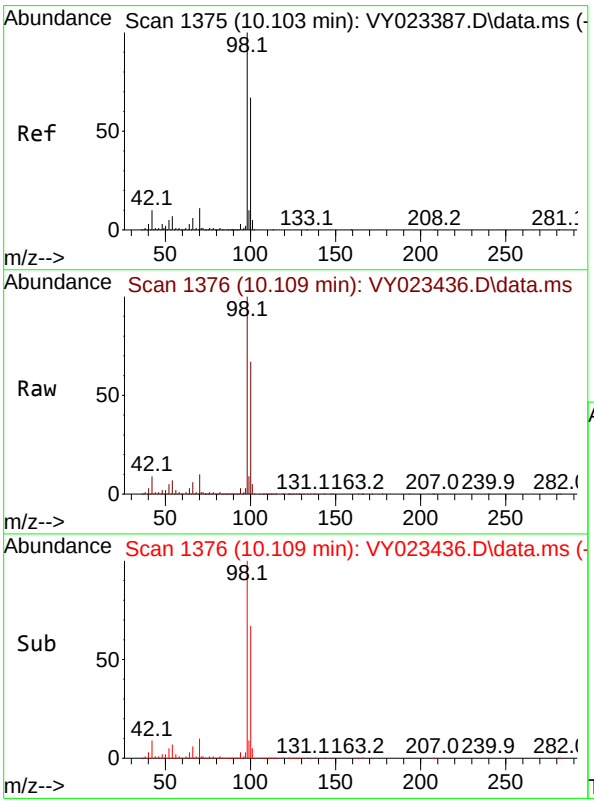
#35
Dibromofluoromethane
Concen: 52.970 ug/l
RT: 7.640 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023436.D
Acq: 10 Oct 2025 14:03

Instrument :
MSVOA_Y
ClientSampleId :
SED-03-0-2

Tgt Ion:113 Resp: 362612

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.6
192	22.1	18.0	27.0

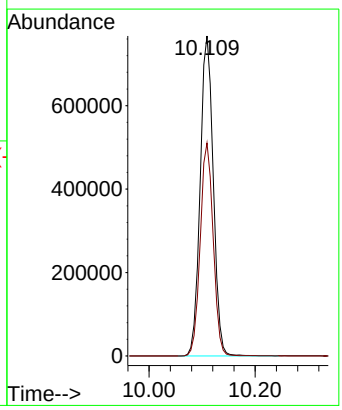


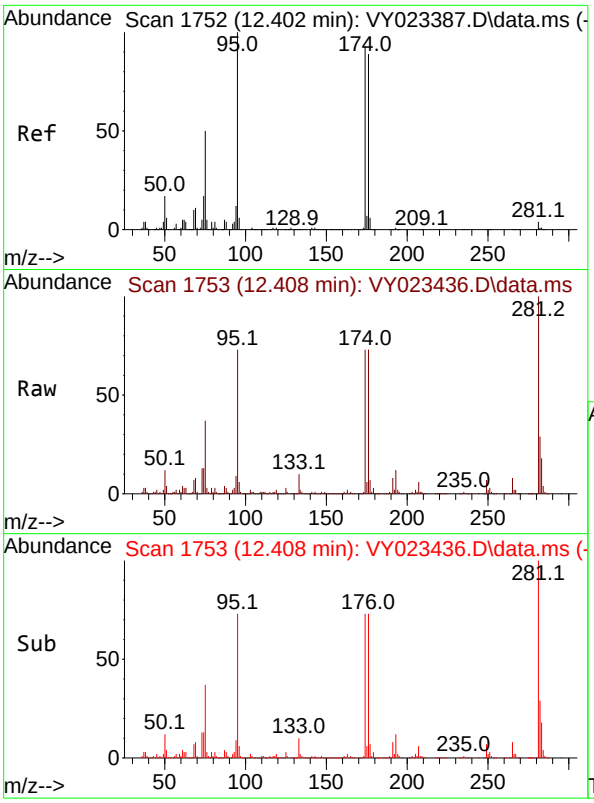


#50
Toluene-d8
Concen: 51.585 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023436.D
Acq: 10 Oct 2025 14:03

Tgt Ion: 98 Resp: 1315087

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.0	79.4



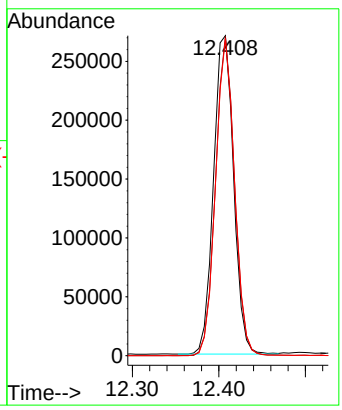


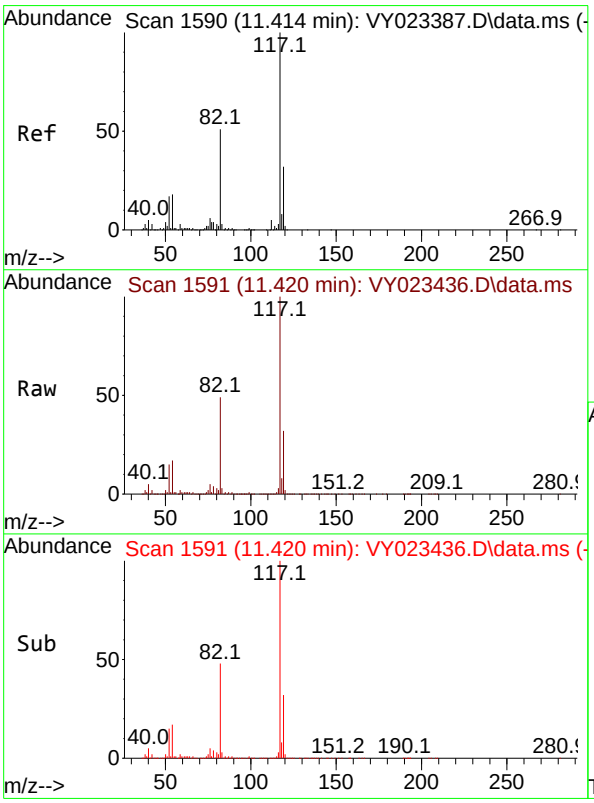
#62
4-Bromofluorobenzene
Concen: 51.749 ug/l
RT: 12.408 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023436.D
Acq: 10 Oct 2025 14:03

Instrument :
MSVOA_Y
ClientSampleId :
SED-03-0-2

Tgt Ion: 95 Resp: 435562

Ion	Ratio	Lower	Upper
95	100		
174	94.7	0.0	192.8
176	94.4	0.0	187.6

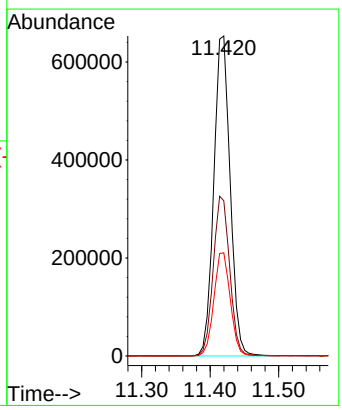


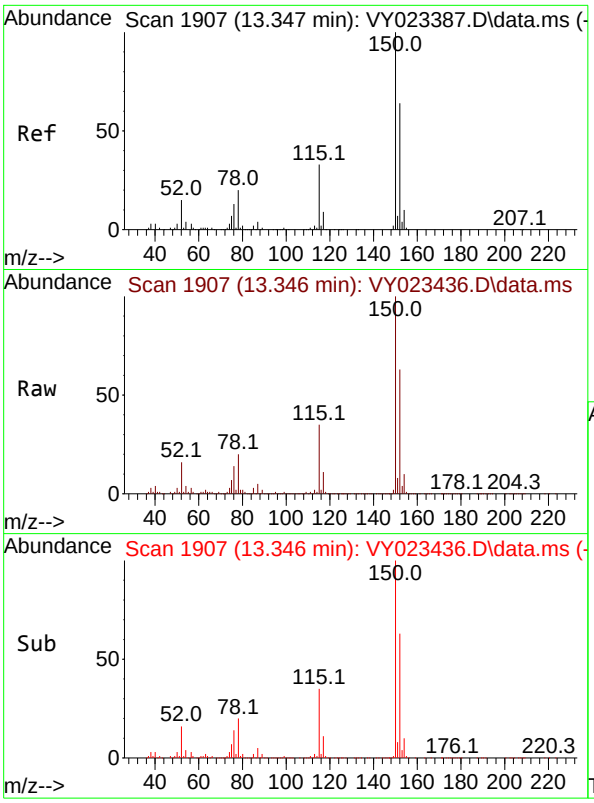


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY023436.D
Acq: 10 Oct 2025 14:03

Tgt Ion:117 Resp: 1082536

Ion	Ratio	Lower	Upper
117	100		
82	48.5	41.0	61.4
119	32.2	25.6	38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023436.D
Acq: 10 Oct 2025 14:03

Instrument :
MSVOA_Y
ClientSampleId :
SED-03-0-2

Tgt Ion:152 Resp: 408123

Ion	Ratio	Lower	Upper
152	100		
115	55.3	27.1	81.2
150	156.2	0.0	347.4