Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100925\
Data File : VY023417.D
Acq On : 09 Oct 2025 12:57
Operator : SY/MD
Sample : Q3310-02
Misc : 7.82g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SS-01-1-2

Quant Time: Oct 10 04:25:49 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	558033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1087217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	940588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	284438	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	280666	60.147	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.300%			
35) Dibromofluoromethane	7.640	113	356956	53.433	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.860%			
50) Toluene-d8	10.109	98	1274127	51.214	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.420%			
62) 4-Bromofluorobenzene	12.408	95	332896	40.530	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 81.060%			
Target Compounds						Qvalue
20) Methylene Chloride	4.622	84	30371	5.056	ug/l	98
68) m/p-Xylenes	11.627	106	31551	2.375	ug/l	99
69) o-Xylene	11.956	106	19301	1.549	ug/l	99

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

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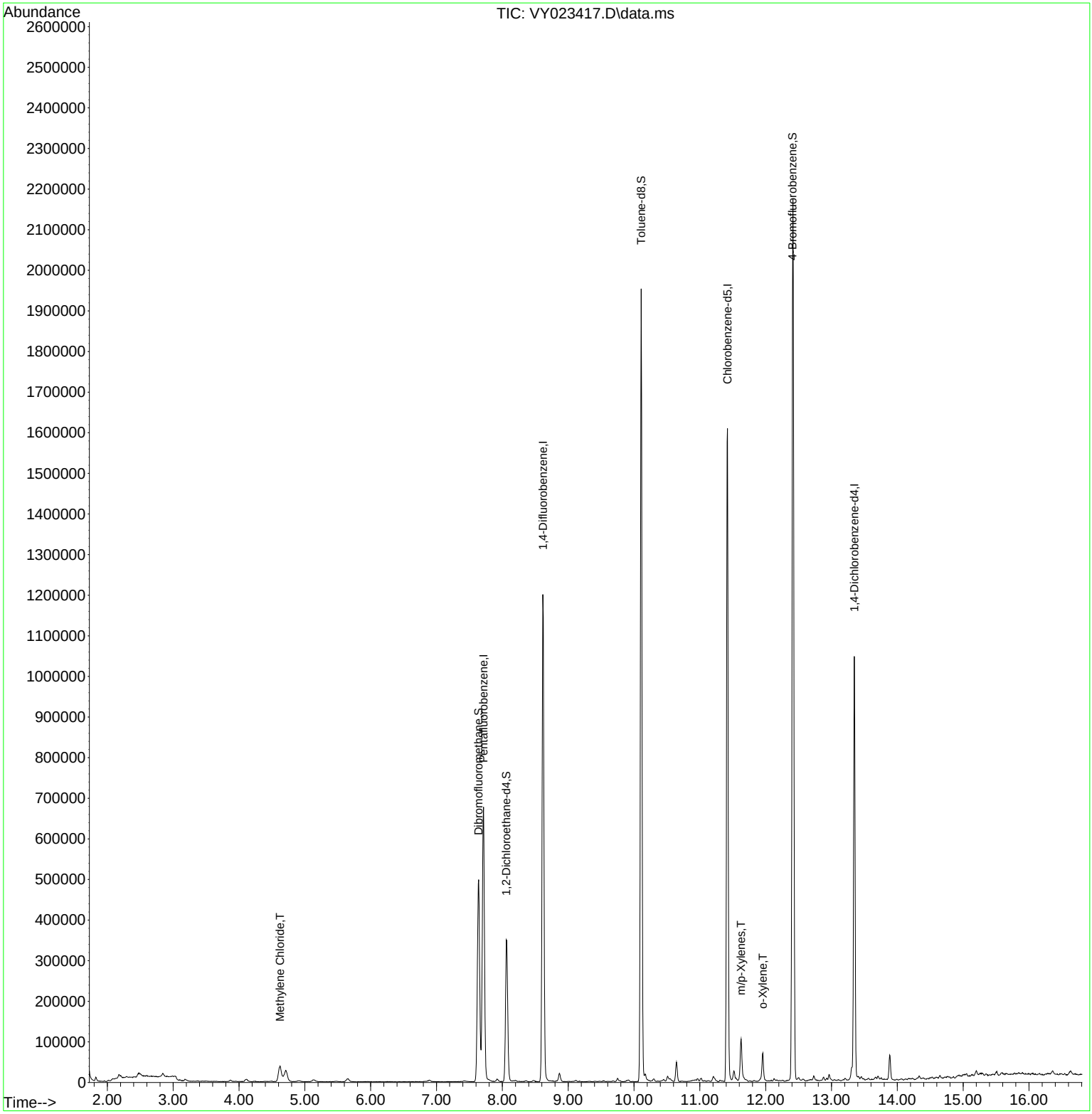
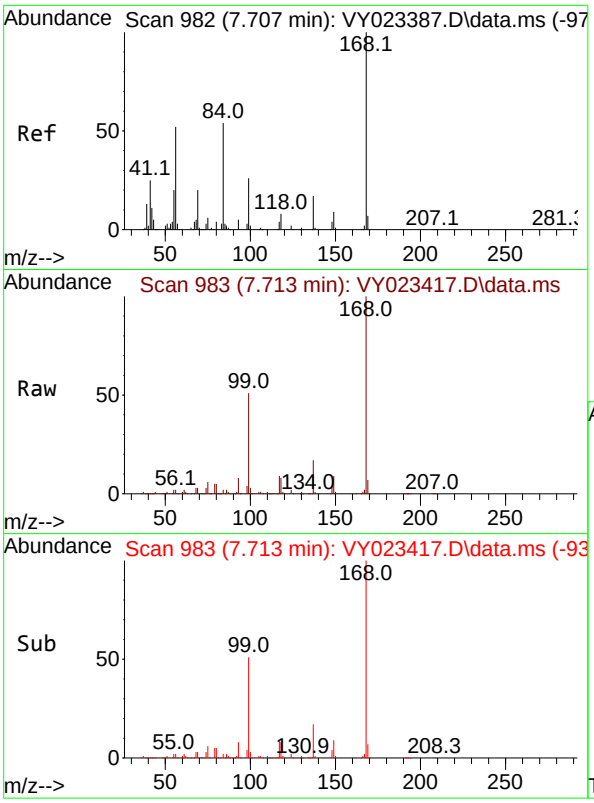


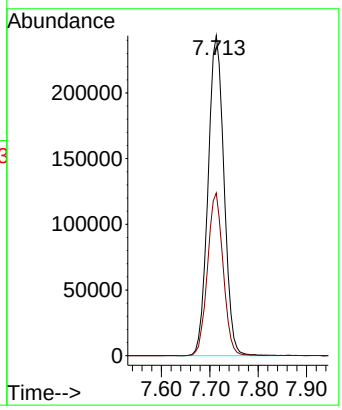


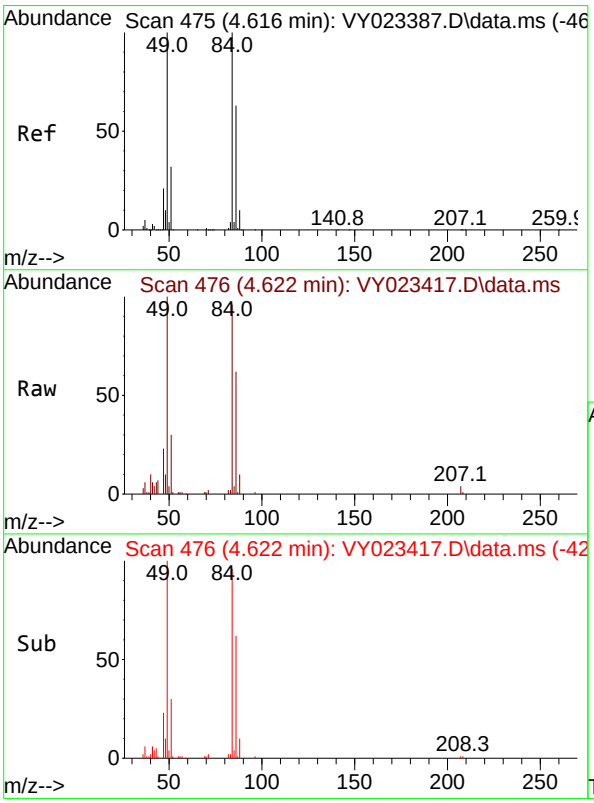
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023417.D
Acq: 09 Oct 2025 12:57

Instrument :
MSVOA_Y
ClientSampleId :
SS-01-1-2

Tgt Ion:168 Resp: 558033

Ion	Ratio	Lower	Upper
168	100		
99	50.8	39.7	59.5

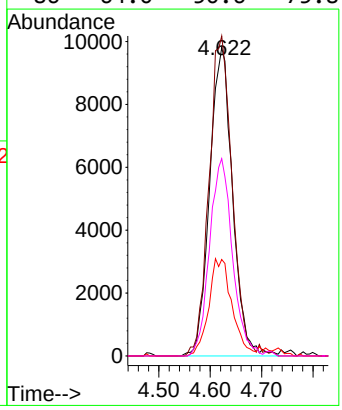


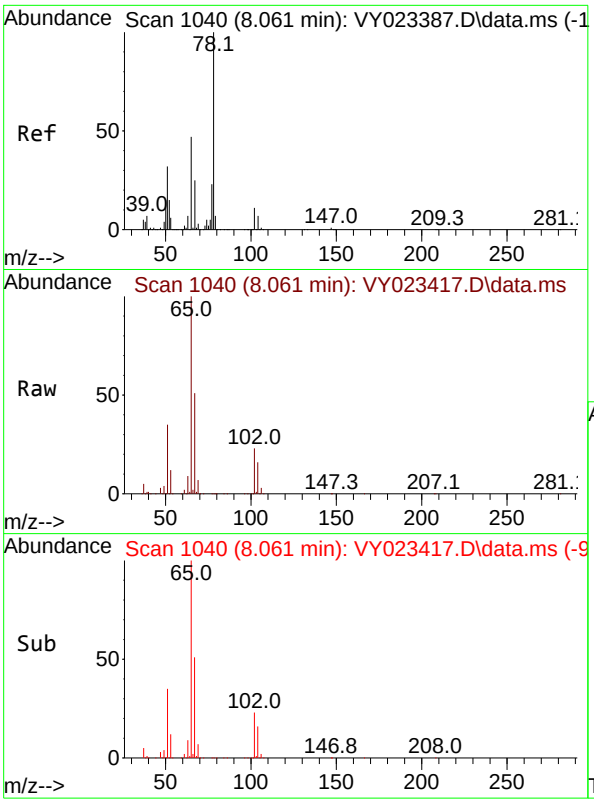


#20
Methylene Chloride
Concen: 5.056 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY023417.D
Acq: 09 Oct 2025 12:57

Tgt Ion: 84 Resp: 30371

Ion	Ratio	Lower	Upper
84	100		
49	103.8	80.2	120.4
51	31.3	25.9	38.9
86	64.0	50.6	75.8



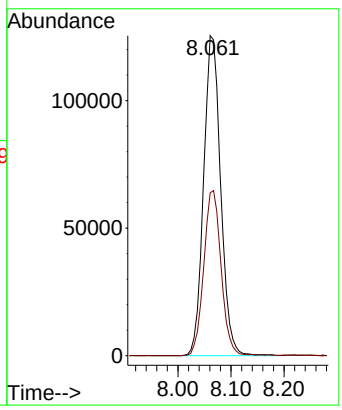


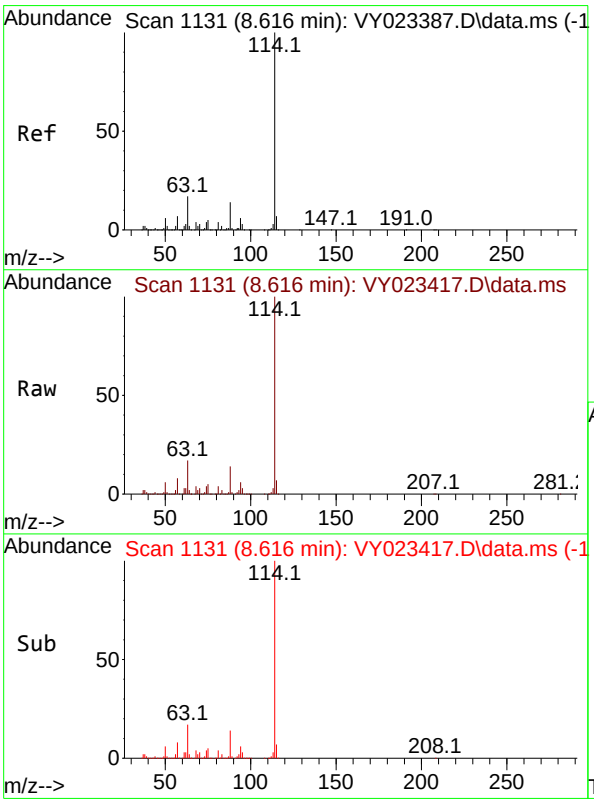
#33
1,2-Dichloroethane-d4
Concen: 60.147 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023417.D
Acq: 09 Oct 2025 12:57

Instrument :
MSVOA_Y
ClientSampleId :
SS-01-1-2

Tgt Ion: 65 Resp: 280666

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	105.8

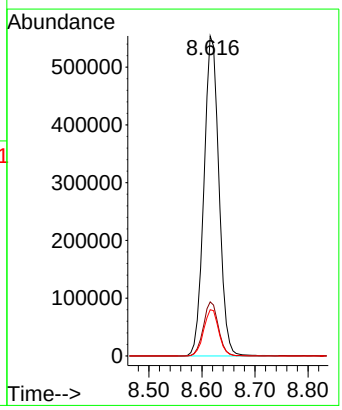


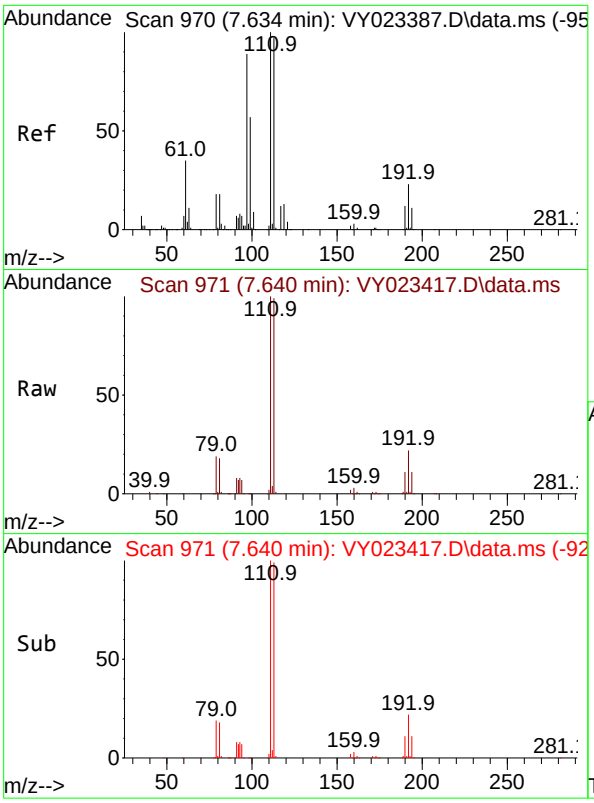


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023417.D
Acq: 09 Oct 2025 12:57

Tgt Ion:114 Resp: 1087217

Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	34.2
88	14.5	0.0	28.4



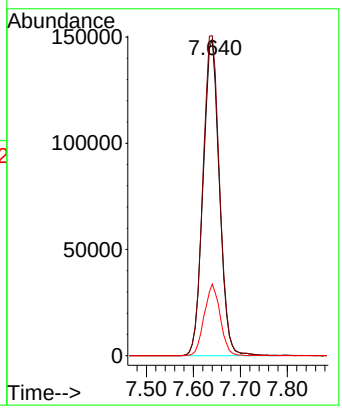


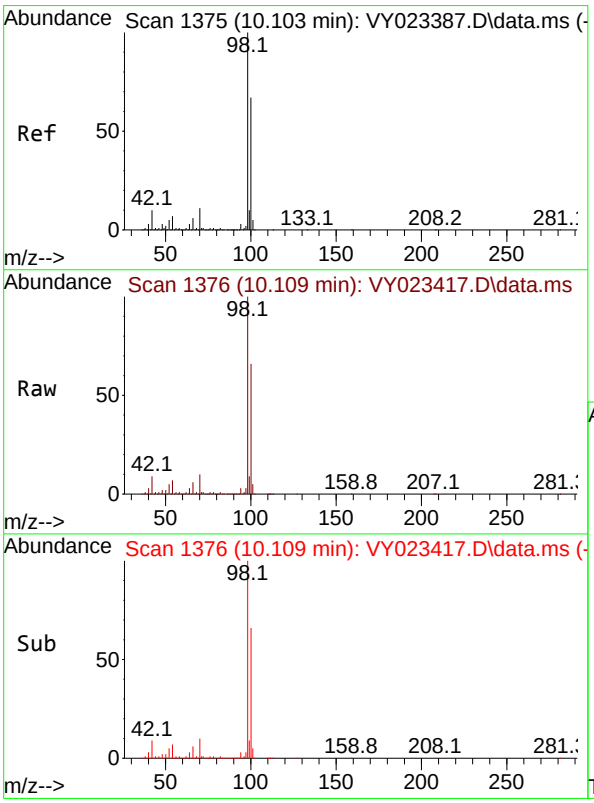
#35
Dibromofluoromethane
Concen: 53.433 ug/l
RT: 7.640 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023417.D
Acq: 09 Oct 2025 12:57

Instrument :
MSVOA_Y
ClientSampleId :
SS-01-1-2

Tgt Ion:113 Resp: 356956

Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.8	122.6
192	22.2	18.0	27.0

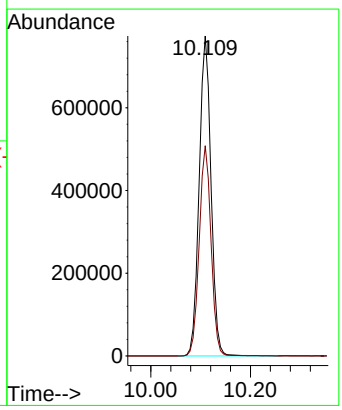


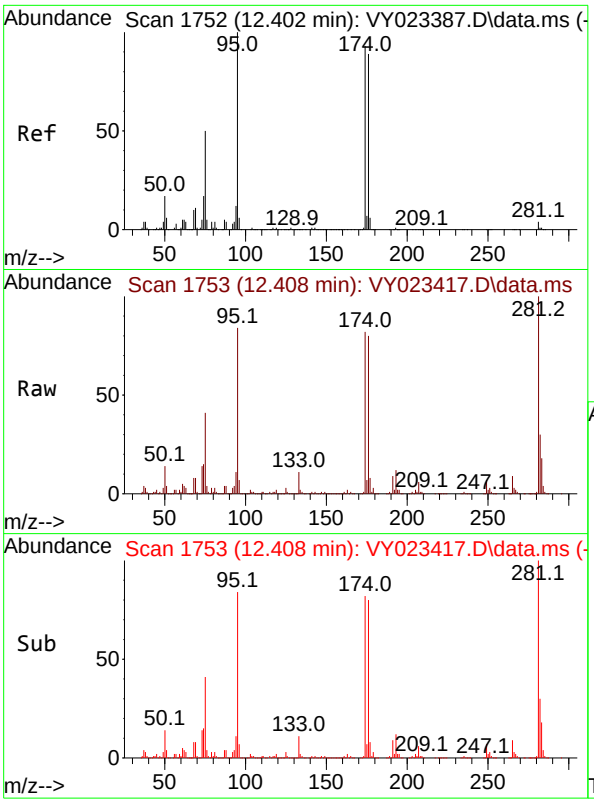


#50
Toluene-d8
Concen: 51.214 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023417.D
Acq: 09 Oct 2025 12:57

Tgt Ion: 98 Resp: 1274127

Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.0	79.4



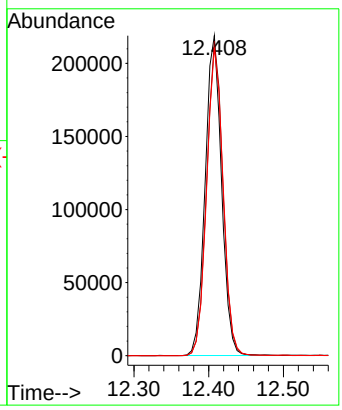


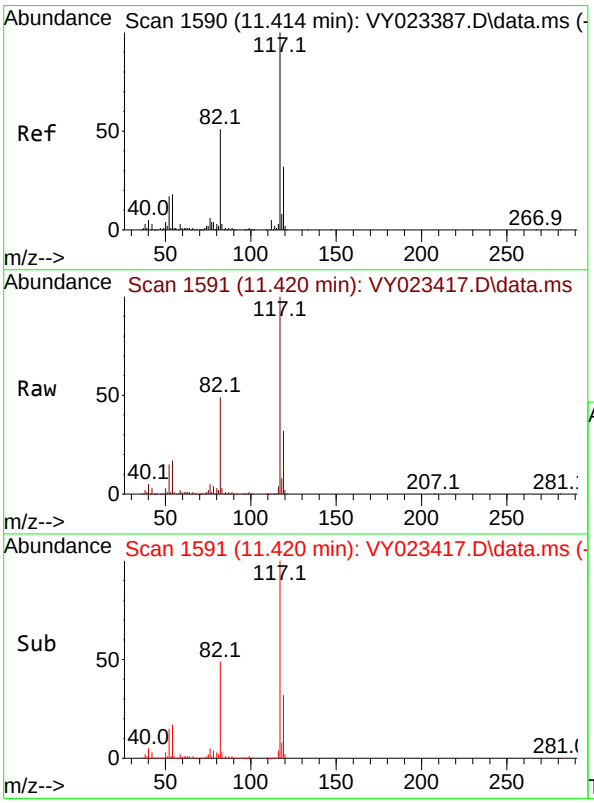
#62
4-Bromofluorobenzene
Concen: 40.530 ug/l
RT: 12.408 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023417.D
Acq: 09 Oct 2025 12:57

Instrument :
MSVOA_Y
ClientSampleId :
SS-01-1-2

Tgt Ion: 95 Resp: 332896

Ion	Ratio	Lower	Upper
95	100		
174	97.7	0.0	192.8
176	96.7	0.0	187.6

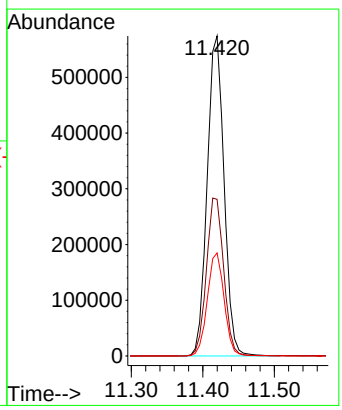


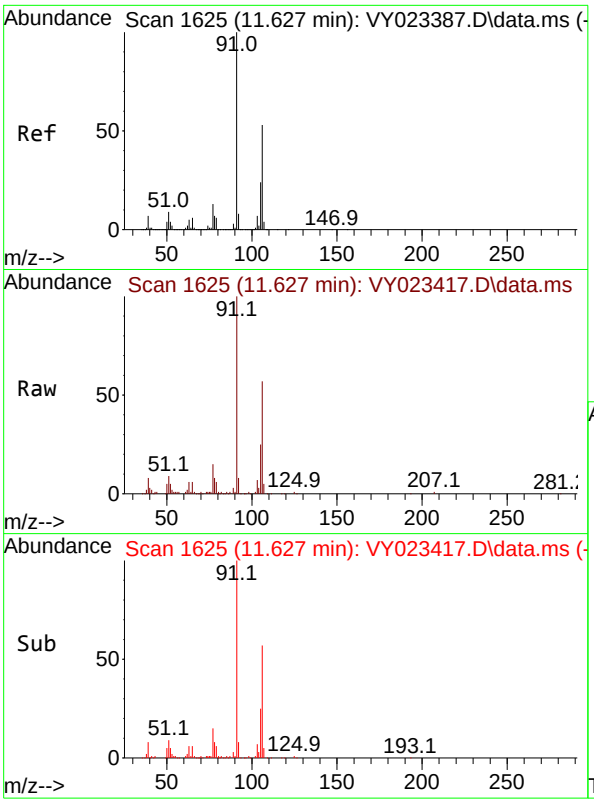


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY023417.D
Acq: 09 Oct 2025 12:57

Tgt Ion:117 Resp: 940588

Ion	Ratio	Lower	Upper
117	100		
82	48.9	41.0	61.4
119	32.2	25.6	38.4



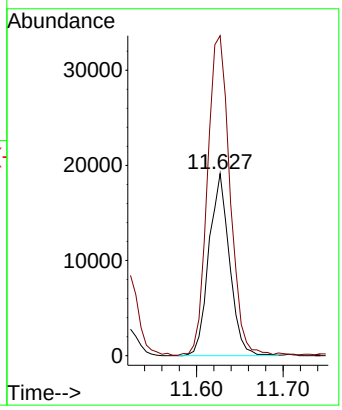


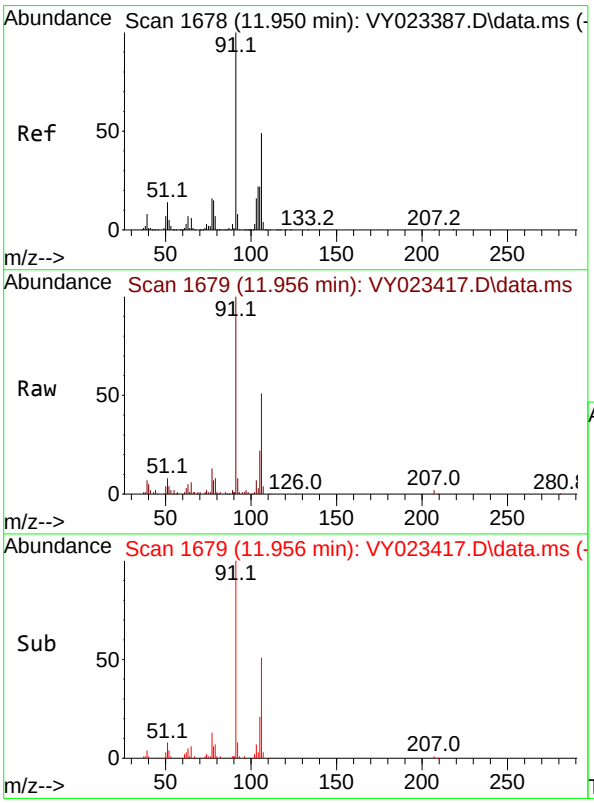
#68
m/p-Xylenes
Concen: 2.375 ug/l
RT: 11.627 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023417.D
Acq: 09 Oct 2025 12:57

Instrument :
MSVOA_Y
ClientSampleId :
SS-01-1-2

Tgt Ion:106 Resp: 31551

Ion	Ratio	Lower	Upper
106	100		
91	191.6	152.6	229.0

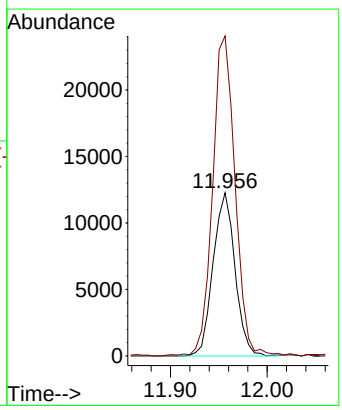


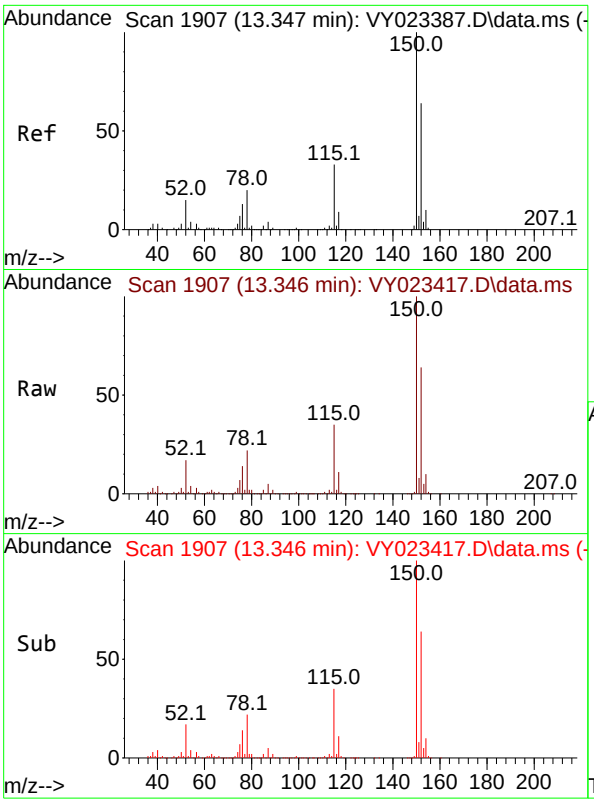


#69
o-Xylene
Concen: 1.549 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023417.D
Acq: 09 Oct 2025 12:57

Tgt Ion:106 Resp: 19301

Ion	Ratio	Lower	Upper
106	100		
91	201.5	101.4	304.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023417.D
Acq: 09 Oct 2025 12:57

Instrument :
MSVOA_Y
ClientSampleId :
SS-01-1-2

Tgt Ion:152 Resp: 284438

Ion	Ratio	Lower	Upper
152	100		
115	54.5	27.1	81.2
150	156.5	0.0	347.4