Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102225\
Data File : VY023551.D
Acq On : 22 Oct 2025 14:07
Operator : SY/MD
Sample : Q3419-01
Misc : 5.76g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021

Quant Time: Oct 24 02:35:35 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	785988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1180613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	922887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	368413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	290223	44.157	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.320%		
35) Dibromofluoromethane	7.640	113	346742	47.798	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.600%		
50) Toluene-d8	10.109	98	1289709	47.739	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.480%		
62) 4-Bromofluorobenzene	12.408	95	351404	39.398	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	78.800%		
Target Compounds						Qvalue
16) Acetone	3.873	43	35575	22.736	ug/l	99
17) Carbon Disulfide	4.116	76	98634	4.915	ug/l	99
20) Methylene Chloride	4.616	84	15693	1.855	ug/l	96
25) 2-Butanone	6.903	43	12134	6.352	ug/l	89

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

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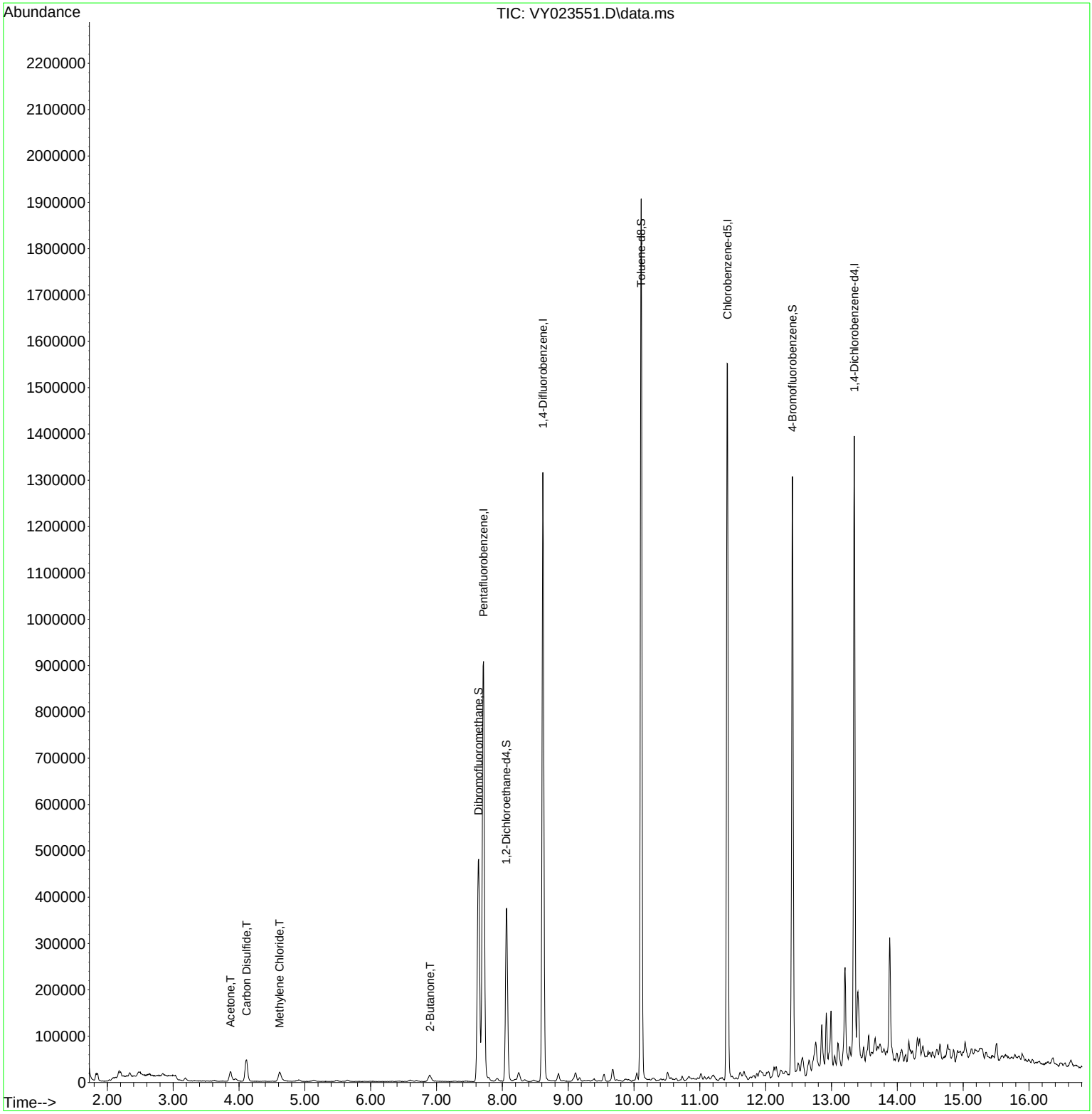
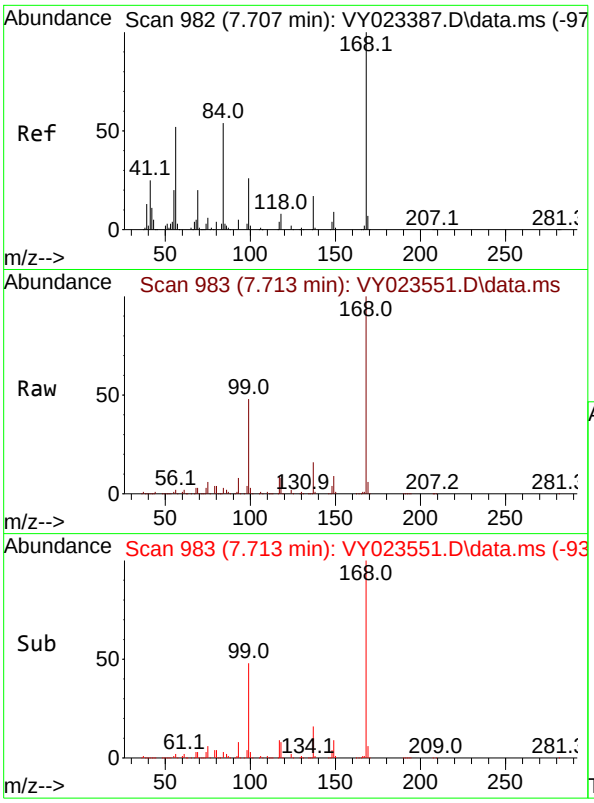


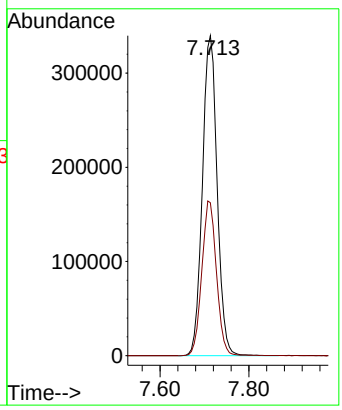


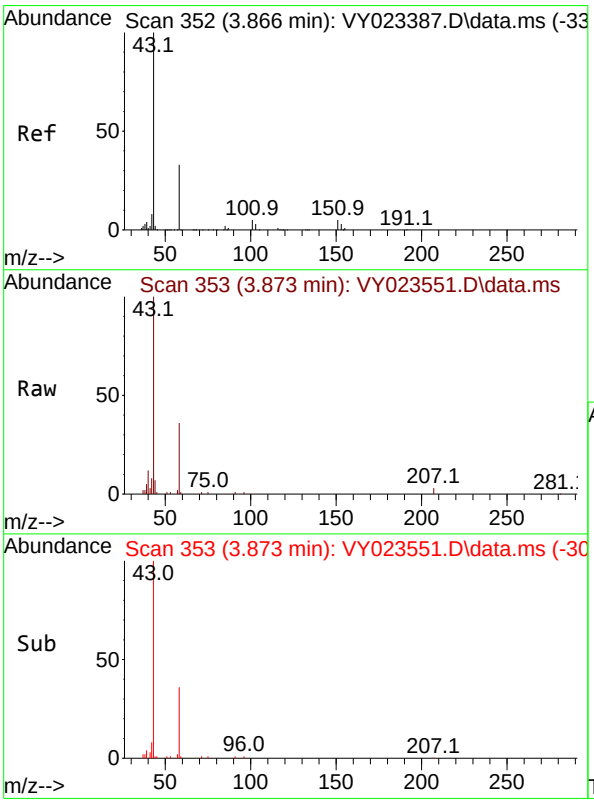
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023551.D
Acq: 22 Oct 2025 14:07

Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021

Tgt Ion:168 Resp: 785988

Ion	Ratio	Lower	Upper
168	100		
99	47.8	39.7	59.5

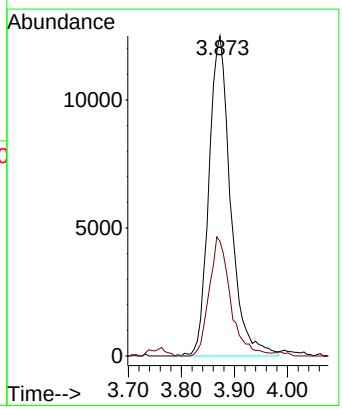


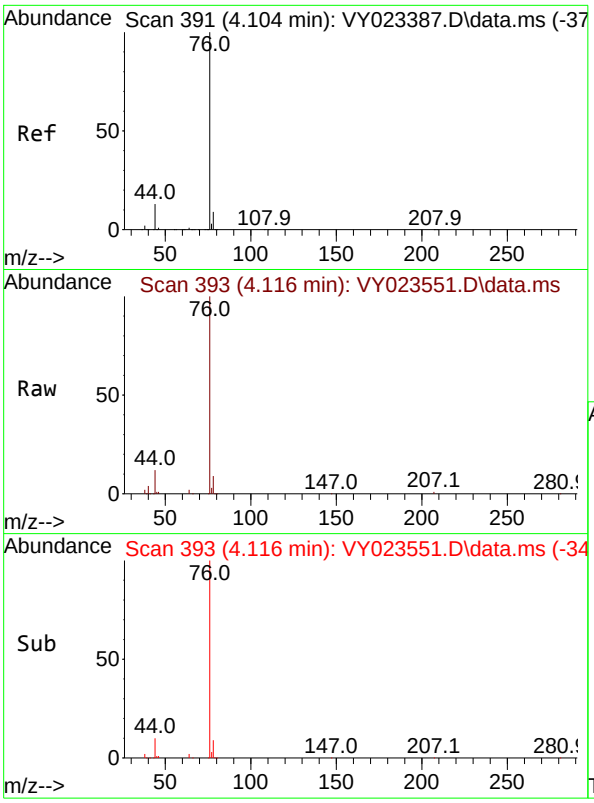


#16
Acetone
Concen: 22.736 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023551.D
Acq: 22 Oct 2025 14:07

Tgt Ion: 43 Resp: 35575

Ion	Ratio	Lower	Upper
43	100		
58	35.4	27.7	41.5



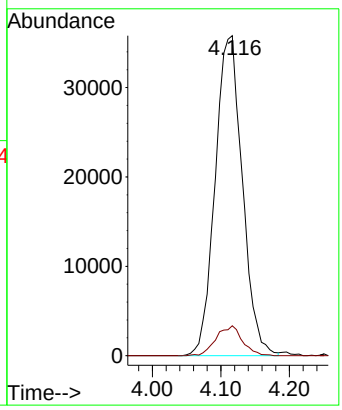


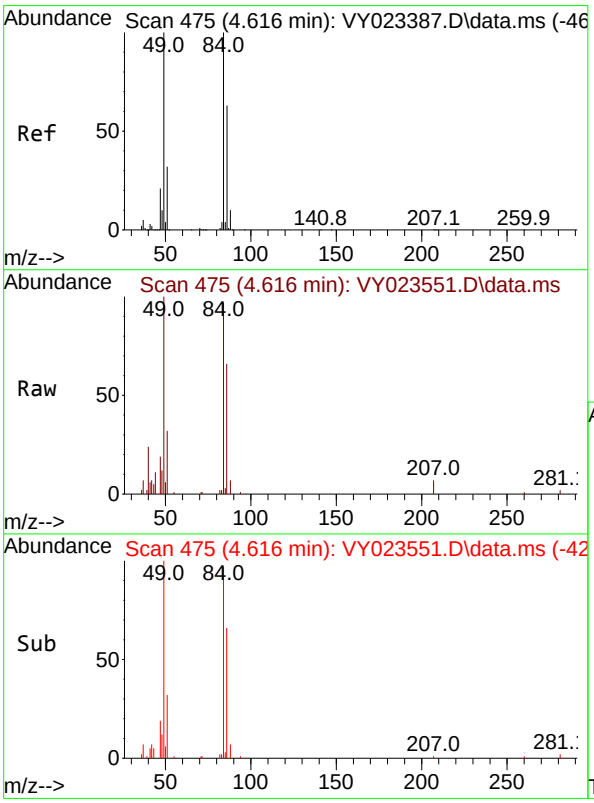
#17
Carbon Disulfide
Concen: 4.915 ug/l
RT: 4.116 min Scan# 3
Delta R.T. 0.012 min
Lab File: VY023551.D
Acq: 22 Oct 2025 14:07

Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021

Tgt Ion: 76 Resp: 98634

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.3	10.9

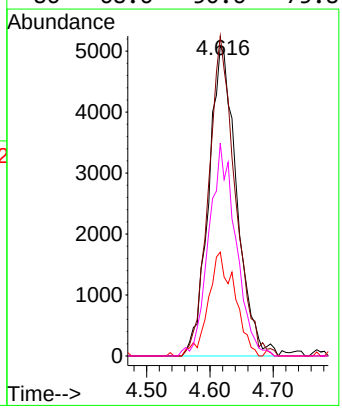


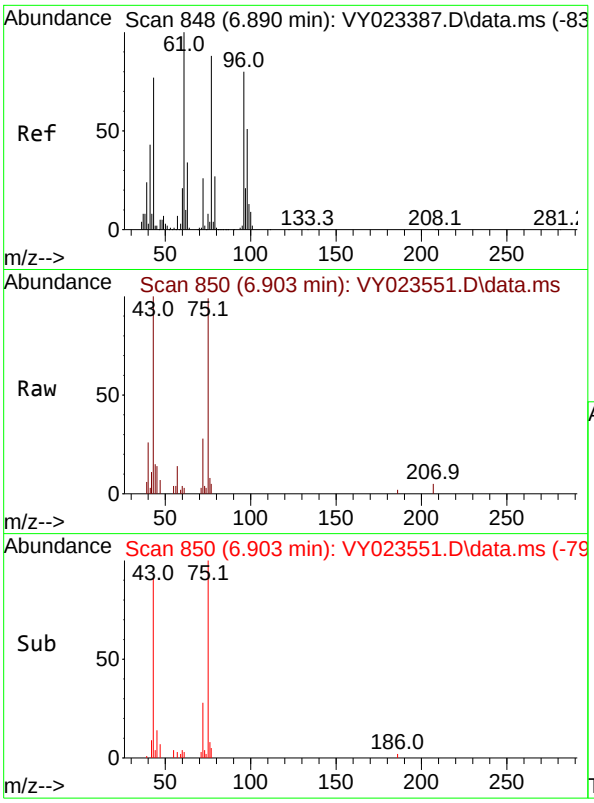


#20
Methylene Chloride
Concen: 1.855 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY023551.D
Acq: 22 Oct 2025 14:07

Tgt Ion: 84 Resp: 15693

Ion	Ratio	Lower	Upper
84	100		
49	103.2	80.2	120.4
51	33.5	25.9	38.9
86	68.6	50.6	75.8



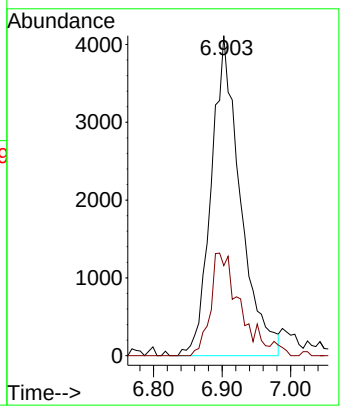


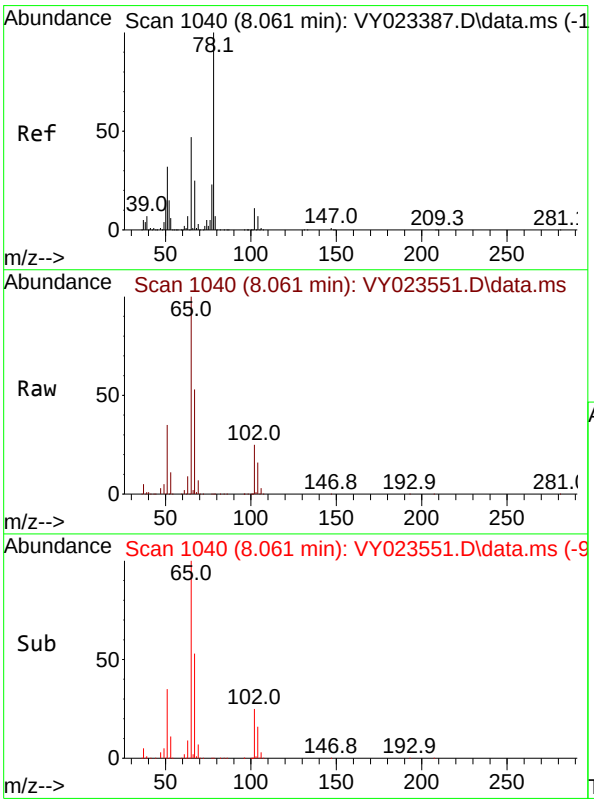
#25
2-Butanone
Concen: 6.352 ug/l
RT: 6.903 min Scan# 8
Delta R.T. 0.012 min
Lab File: VY023551.D
Acq: 22 Oct 2025 14:07

Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021

Tgt Ion: 43 Resp: 12134

Ion	Ratio	Lower	Upper
43	100		
72	28.2	27.4	41.2

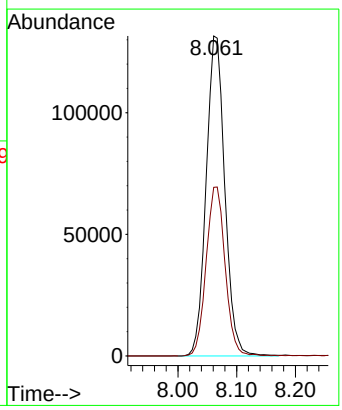


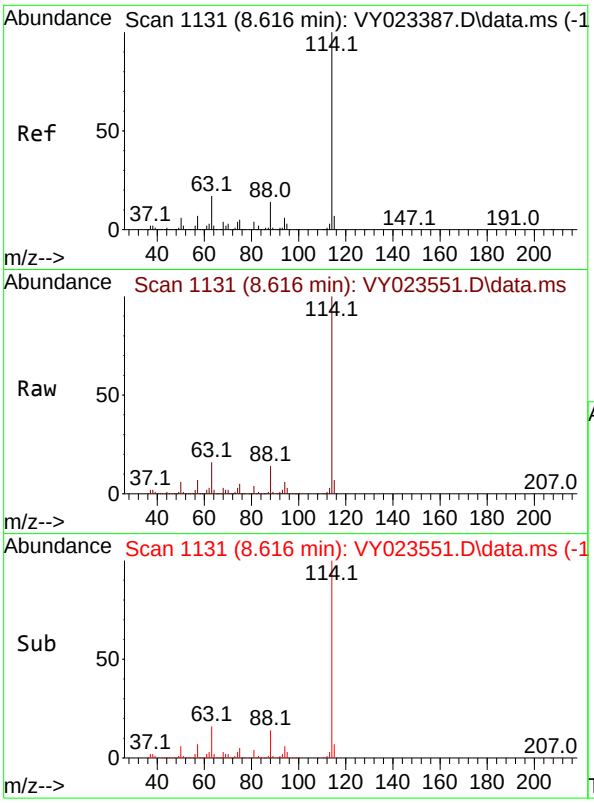


#33
1,2-Dichloroethane-d4
Concen: 44.157 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY023551.D
Acq: 22 Oct 2025 14:07

Tgt Ion: 65 Resp: 290223

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	105.8



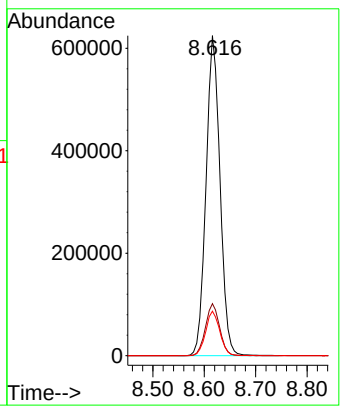


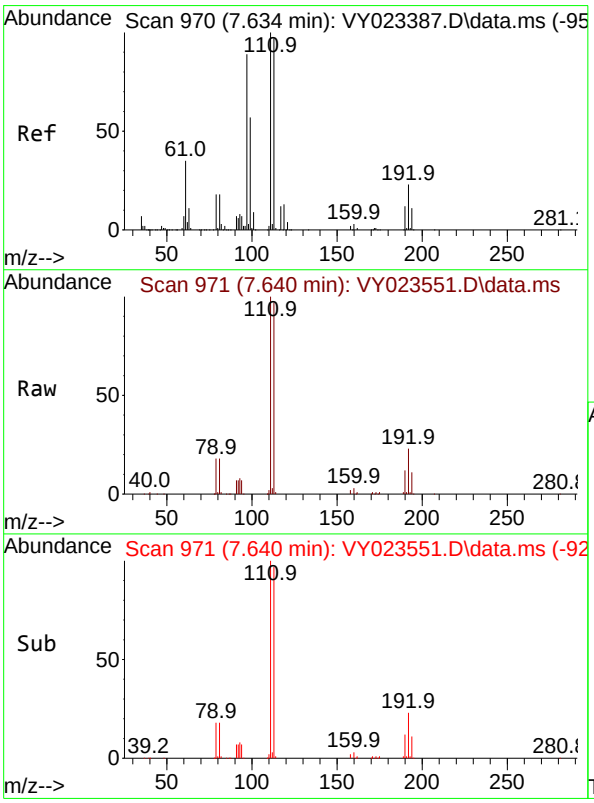
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023551.D
Acq: 22 Oct 2025 14:07

Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021

Tgt Ion:114 Resp: 1180613

Ion	Ratio	Lower	Upper
114	100		
63	16.2	0.0	34.2
88	13.9	0.0	28.4

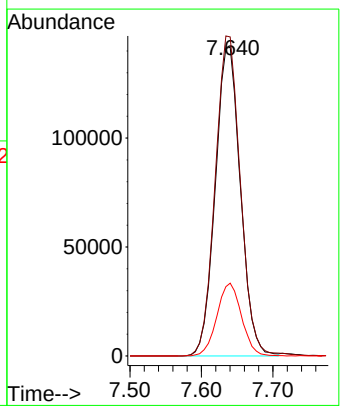


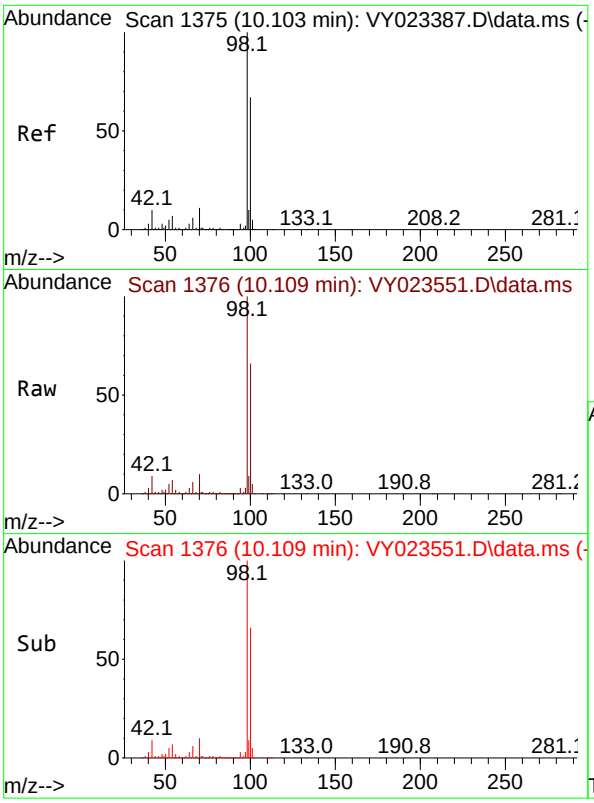


#35
Dibromofluoromethane
Concen: 47.798 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY023551.D
Acq: 22 Oct 2025 14:07

Tgt Ion:113 Resp: 346742

Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.8	122.6
192	23.0	18.0	27.0



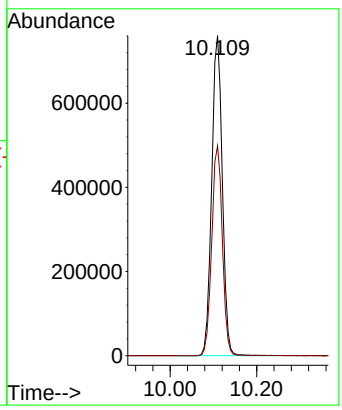


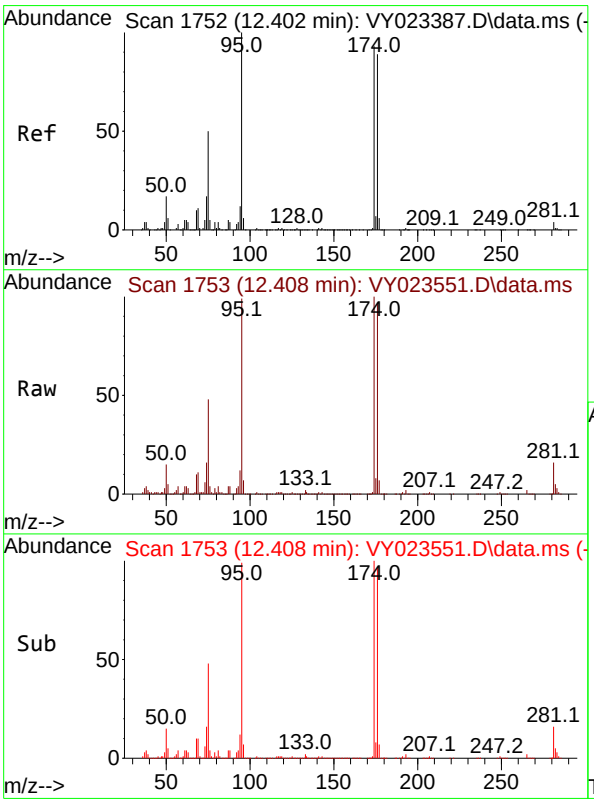
#50
Toluene-d8
Concen: 47.739 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023551.D
Acq: 22 Oct 2025 14:07

Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021

Tgt Ion: 98 Resp: 1289709

Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.0	79.4

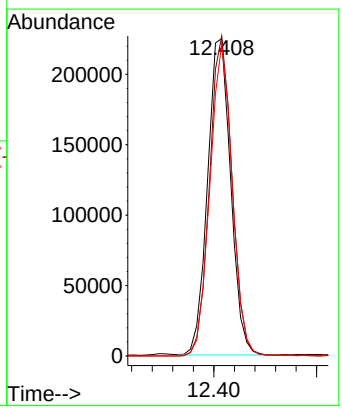


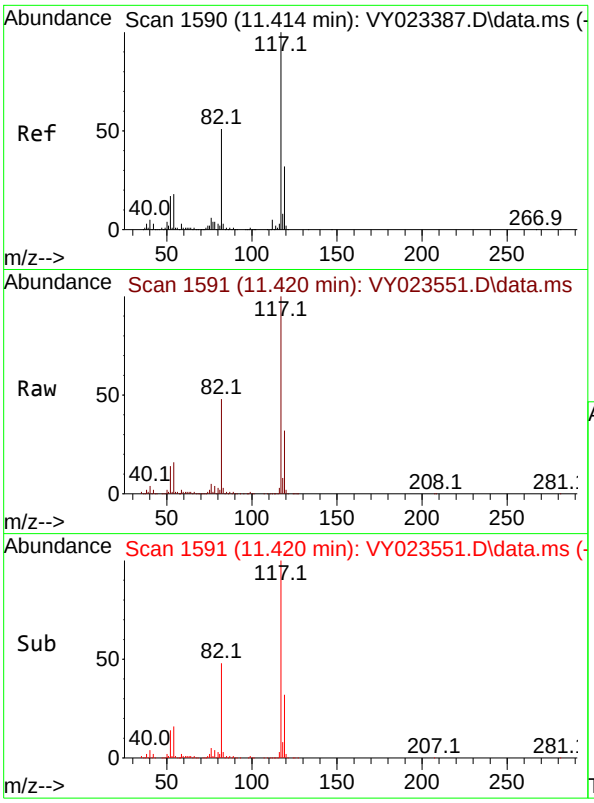


#62
4-Bromofluorobenzene
Concen: 39.398 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023551.D
Acq: 22 Oct 2025 14:07

Tgt Ion: 95 Resp: 351404

Ion	Ratio	Lower	Upper
95	100		
174	98.6	0.0	192.8
176	95.3	0.0	187.6



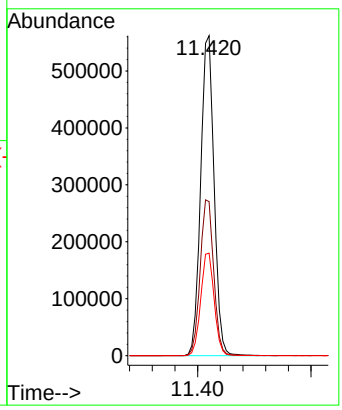


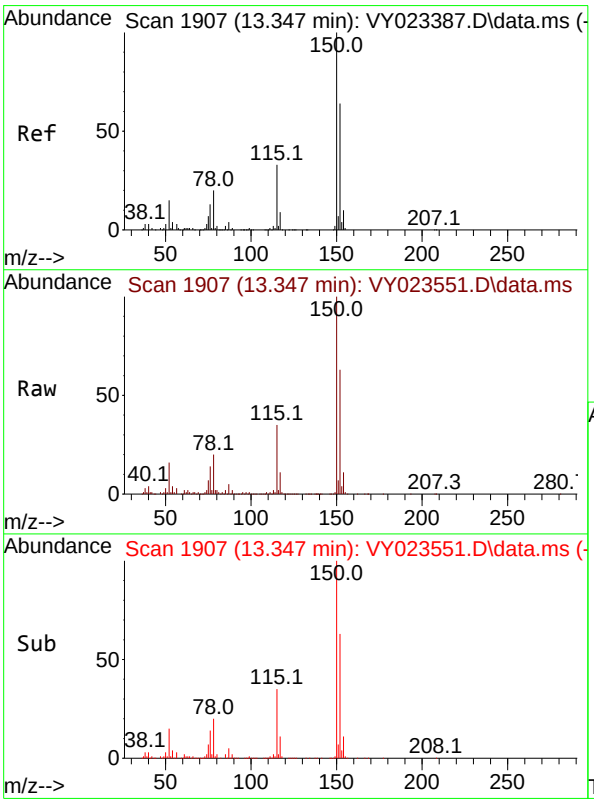
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023551.D
Acq: 22 Oct 2025 14:07

Instrument :
MSVOA_Y
ClientSampleId :
PR-132-S16-015094-20251021

Tgt Ion:117 Resp: 922887

Ion	Ratio	Lower	Upper
117	100		
82	48.1	41.0	61.4
119	32.0	25.6	38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023551.D
Acq: 22 Oct 2025 14:07

Tgt Ion:152 Resp: 368413

Ion	Ratio	Lower	Upper
152	100		
115	54.5	27.1	81.2
150	156.4	0.0	347.4