Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101025\
Data File : VY023434.D
Acq On : 10 Oct 2025 13:16
Operator : SY/MD
Sample : Q3323-01
Misc : 6.55g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SED-01-0-2

Quant Time: Oct 11 01:57:04 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	523687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1011660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1001091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	371877	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	274862	62.766	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.540%			
35) Dibromofluoromethane	7.640	113	340736	54.814	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.620%			
50) Toluene-d8	10.109	98	1215929	52.525	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.040%			
62) 4-Bromofluorobenzene	12.408	95	398755	52.174	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.340%			
Target Compounds						Qvalue
16) Acetone	3.872	43	15709	15.068	ug/l	97
17) Carbon Disulfide	4.110	76	54247	4.057	ug/l	97
20) Methylene Chloride	4.622	84	26641	4.726	ug/l	94
25) 2-Butanone	6.896	43	4579	3.598	ug/l #	83

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

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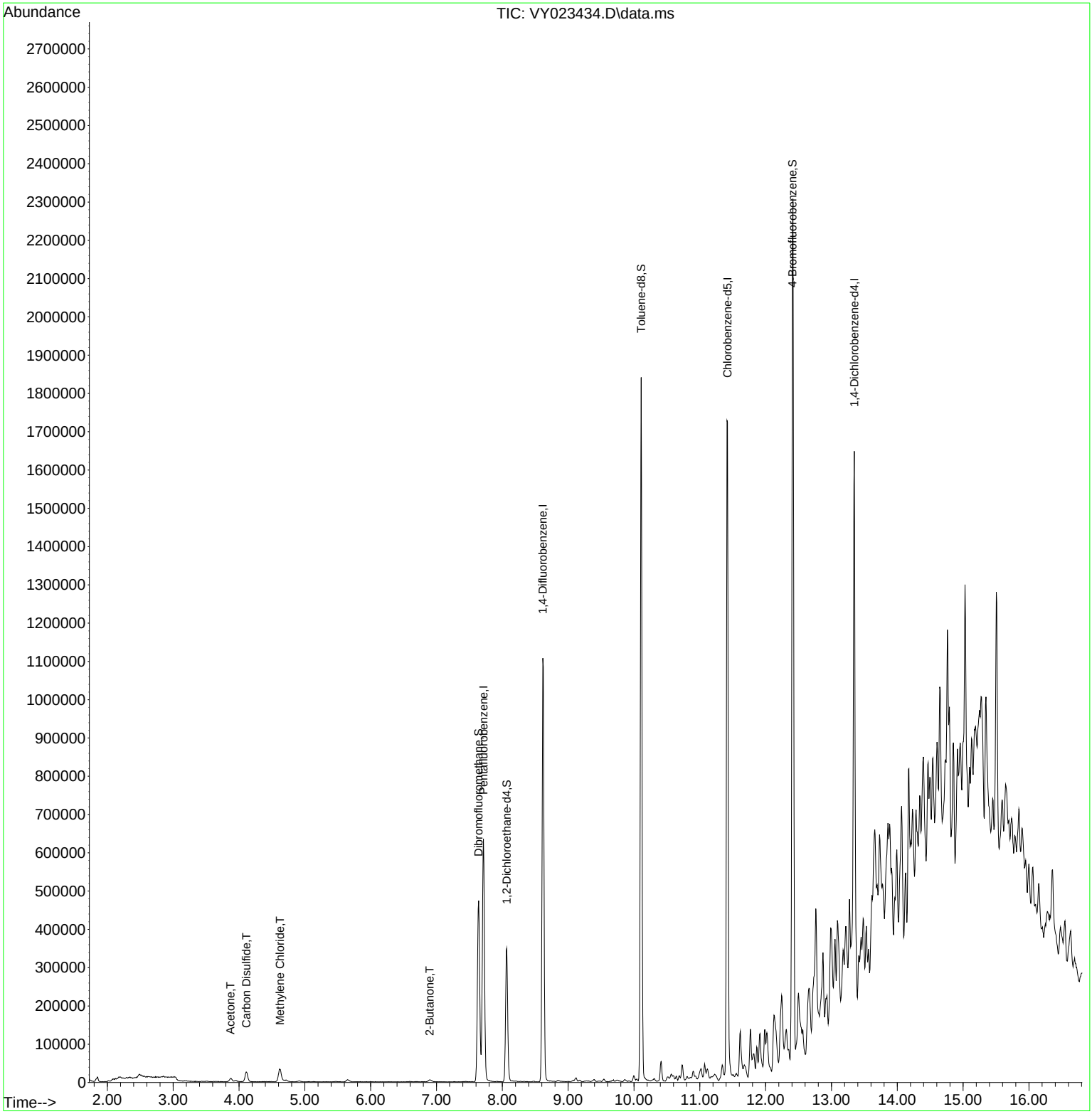
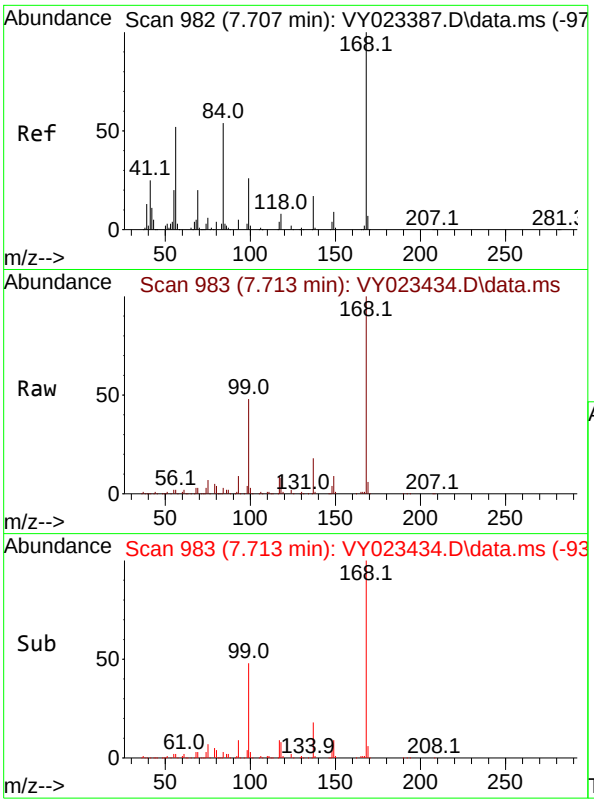


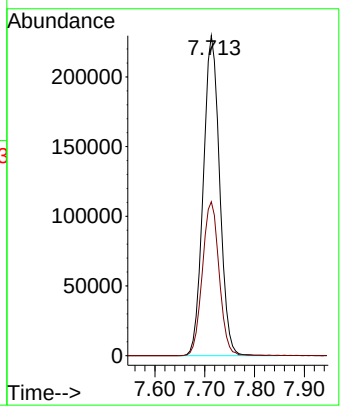


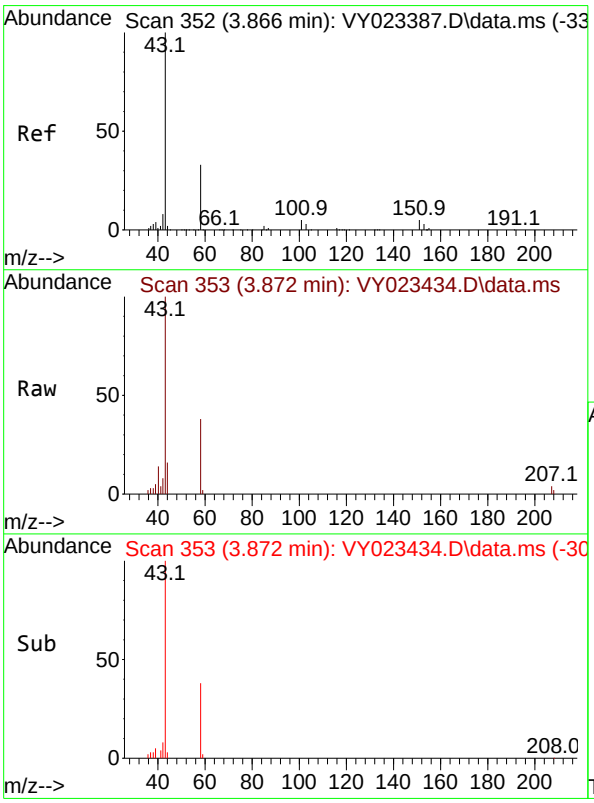
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023434.D
Acq: 10 Oct 2025 13:16

Instrument :
MSVOA_Y
ClientSampleId :
SED-01-0-2

Tgt Ion:168 Resp: 523687

Ion	Ratio	Lower	Upper
168	100		
99	48.1	39.7	59.5

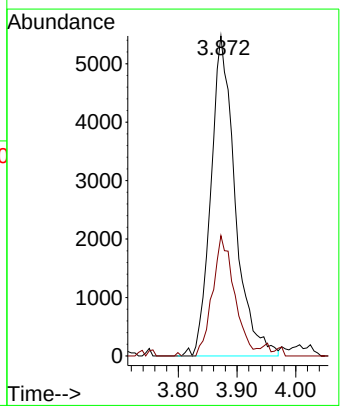


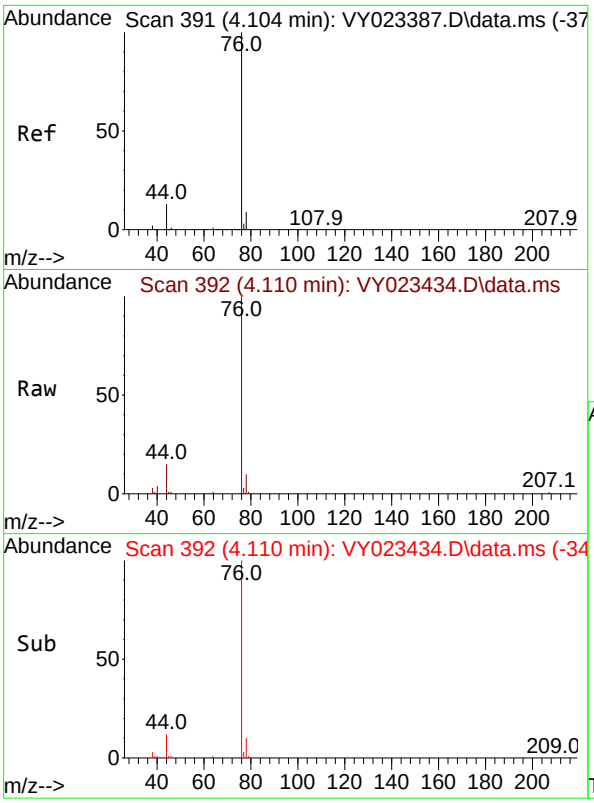


#16
Acetone
Concen: 15.068 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023434.D
Acq: 10 Oct 2025 13:16

Tgt Ion: 43 Resp: 15709

Ion	Ratio	Lower	Upper
43	100		
58	36.6	27.7	41.5



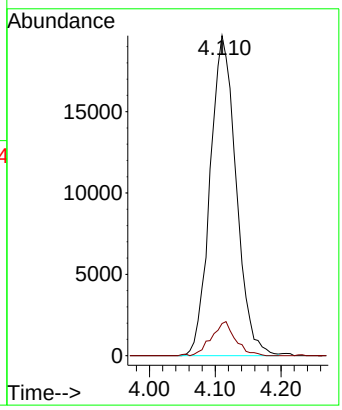


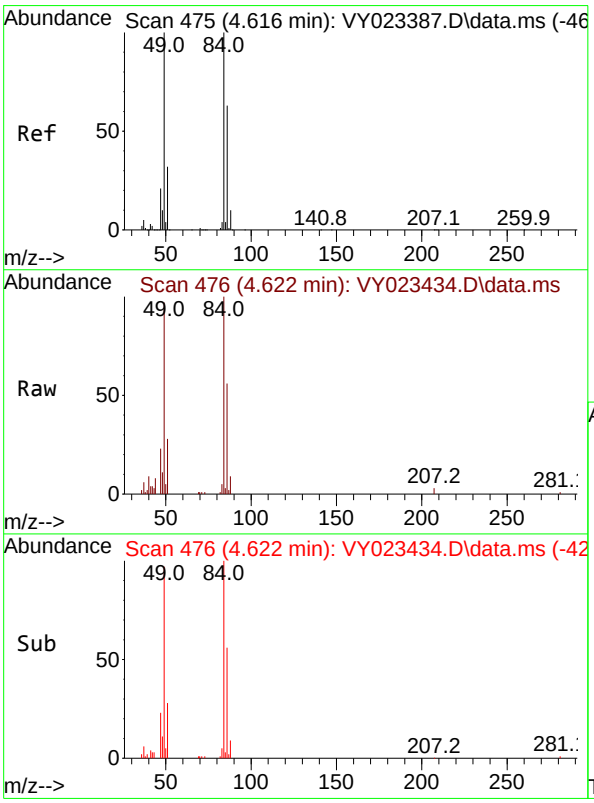
#17
Carbon Disulfide
Concen: 4.057 ug/l
RT: 4.110 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY023434.D
Acq: 10 Oct 2025 13:16

Instrument :
MSVOA_Y
ClientSampleId :
SED-01-0-2

Tgt Ion: 76 Resp: 54247

Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.3	10.9

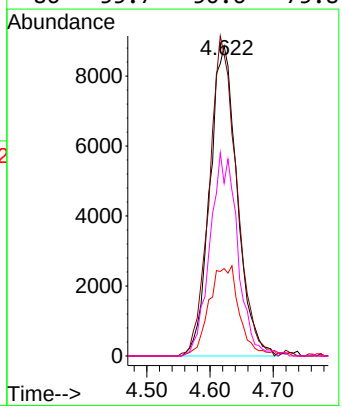


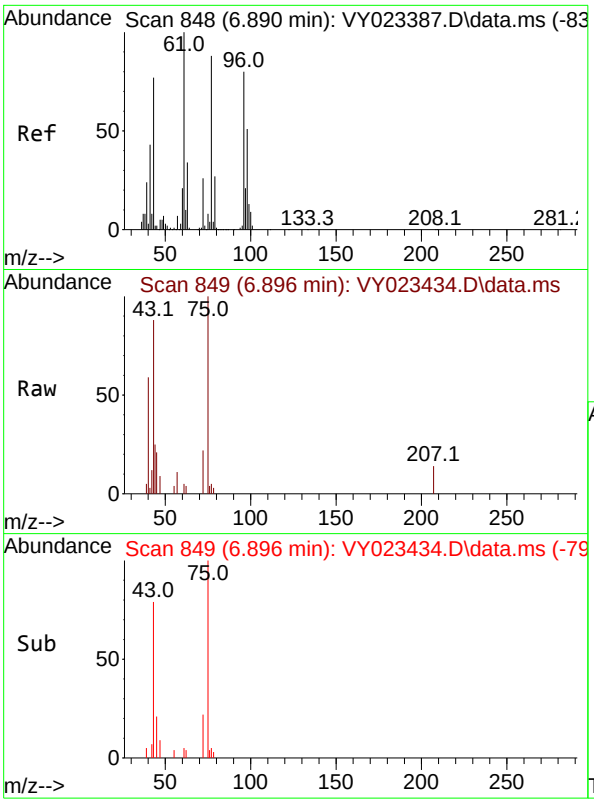


#20
Methylene Chloride
Concen: 4.726 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY023434.D
Acq: 10 Oct 2025 13:16

Tgt Ion: 84 Resp: 26641

Ion	Ratio	Lower	Upper
84	100		
49	97.2	80.2	120.4
51	28.2	25.9	38.9
86	55.7	50.6	75.8



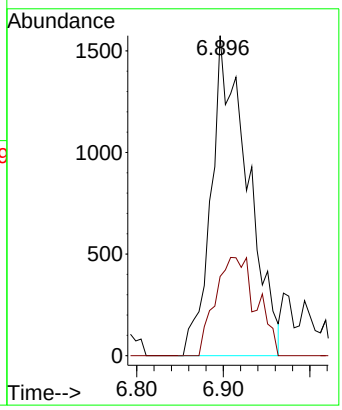


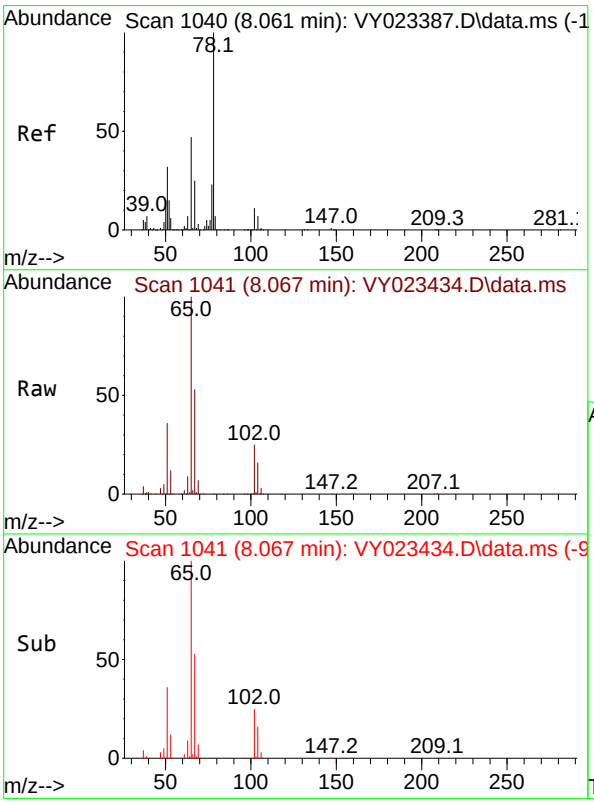
#25
2-Butanone
Concen: 3.598 ug/l
RT: 6.896 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY023434.D
Acq: 10 Oct 2025 13:16

Instrument :
MSVOA_Y
ClientSampleId :
SED-01-0-2

Tgt Ion: 43 Resp: 4579

Ion	Ratio	Lower	Upper
43	100		
72	24.8	27.4	41.2#

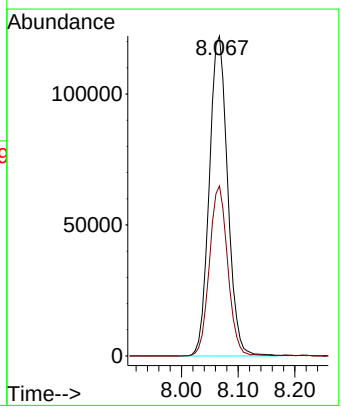


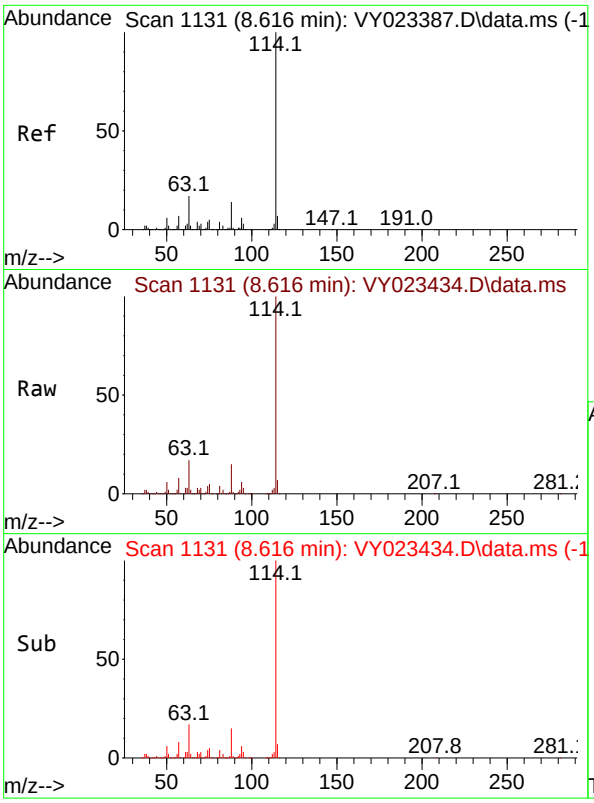


#33
1,2-Dichloroethane-d4
Concen: 62.766 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023434.D
Acq: 10 Oct 2025 13:16

Tgt Ion: 65 Resp: 274862

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	105.8



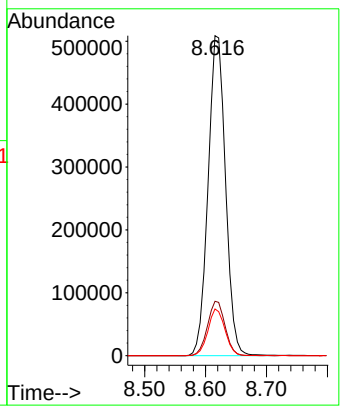


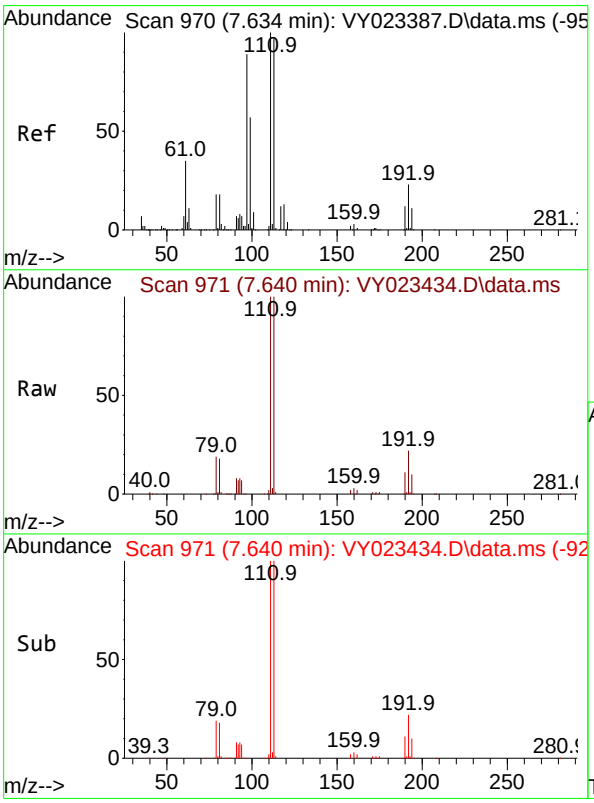
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023434.D
Acq: 10 Oct 2025 13:16

Instrument :
MSVOA_Y
ClientSampleId :
SED-01-0-2

Tgt Ion:114 Resp: 1011660

Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	34.2
88	14.6	0.0	28.4

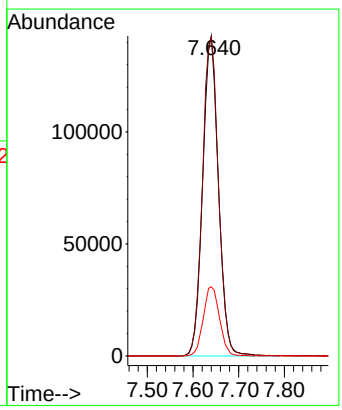


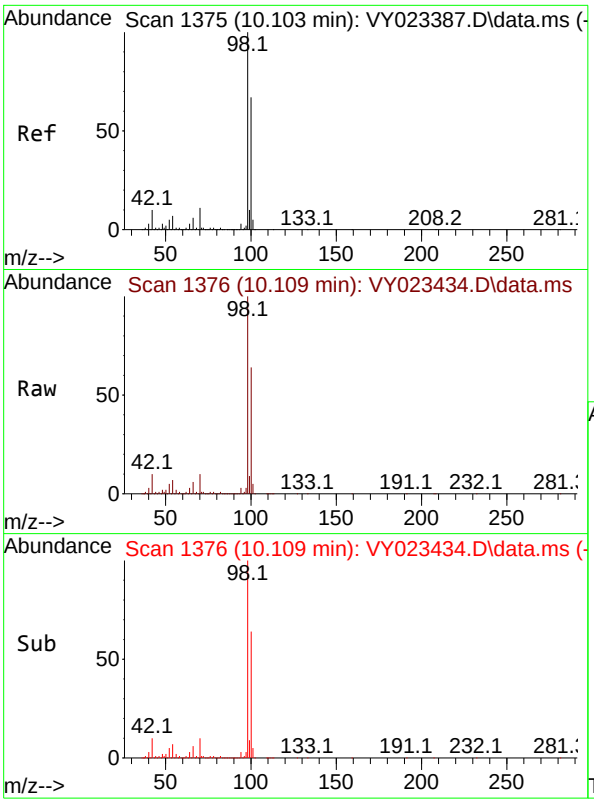


#35
Dibromofluoromethane
Concen: 54.814 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY023434.D
Acq: 10 Oct 2025 13:16

Tgt Ion:113 Resp: 340736

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.6
192	22.3	18.0	27.0



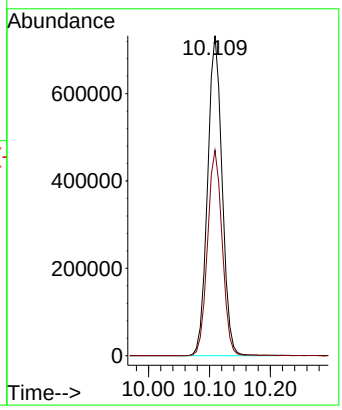


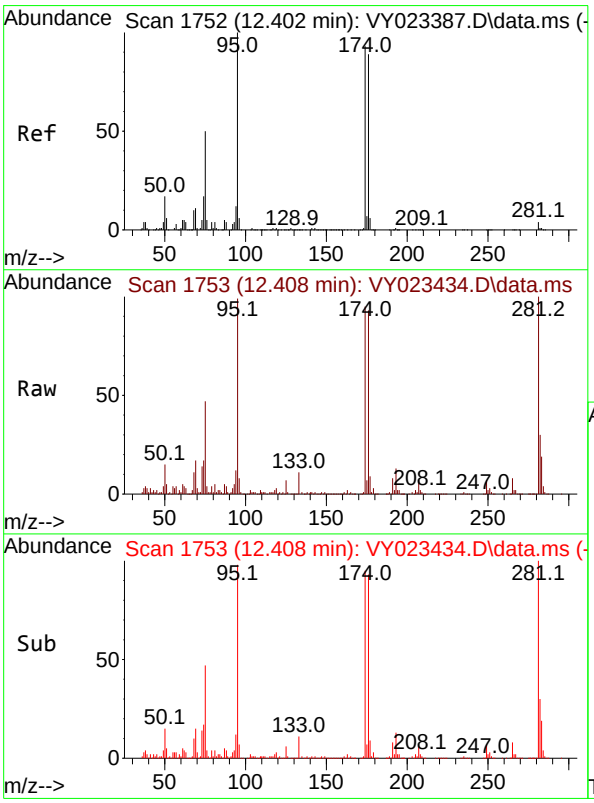
#50
Toluene-d8
Concen: 52.525 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023434.D
Acq: 10 Oct 2025 13:16

Instrument :
MSVOA_Y
ClientSampleId :
SED-01-0-2

Tgt Ion: 98 Resp: 1215929

Ion	Ratio	Lower	Upper
98	100		
100	64.8	53.0	79.4

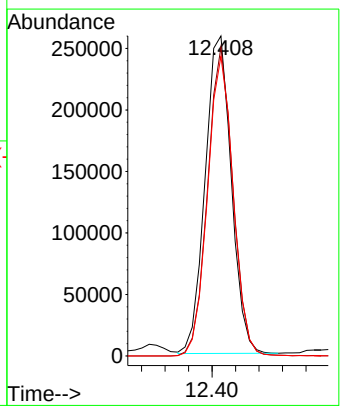


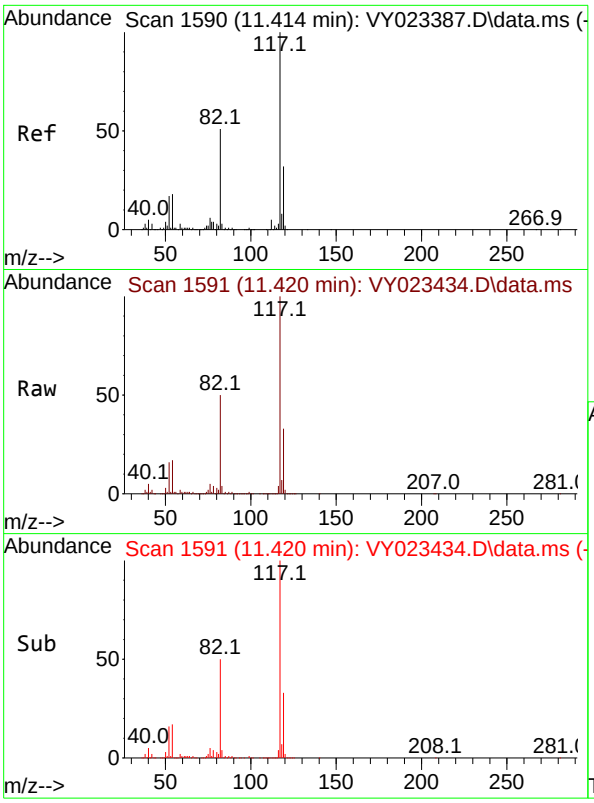


#62
4-Bromofluorobenzene
Concen: 52.174 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023434.D
Acq: 10 Oct 2025 13:16

Tgt Ion: 95 Resp: 398755

Ion	Ratio	Lower	Upper
95	100		
174	94.3	0.0	192.8
176	92.6	0.0	187.6



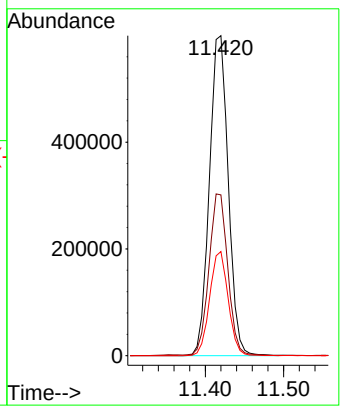


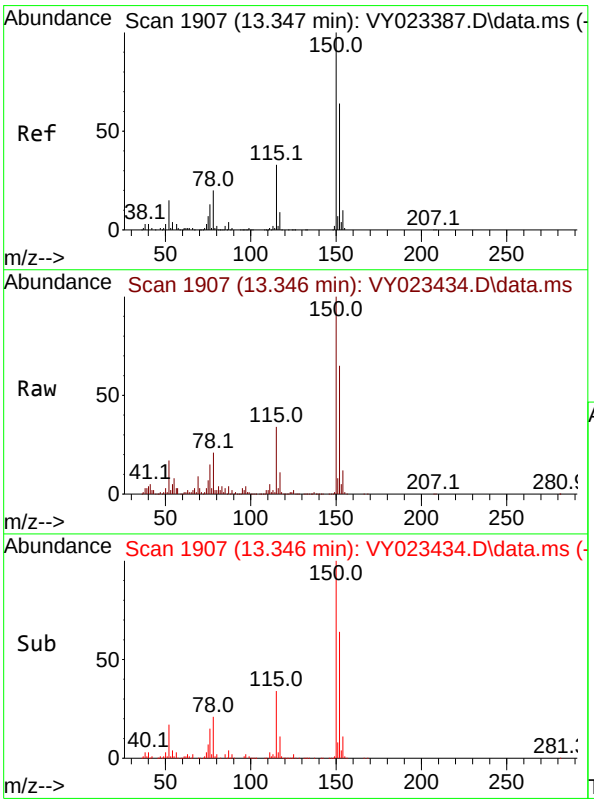
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023434.D
Acq: 10 Oct 2025 13:16

Instrument :
MSVOA_Y
ClientSampleId :
SED-01-0-2

Tgt Ion:117 Resp: 1001091

Ion	Ratio	Lower	Upper
117	100		
82	50.1	41.0	61.4
119	32.6	25.6	38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023434.D
Acq: 10 Oct 2025 13:16

Tgt Ion:152 Resp: 371877

Ion	Ratio	Lower	Upper
152	100		
115	52.7	27.1	81.2
150	154.8	0.0	347.4