Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100825\
Data File : VY023404.D
Acq On : 08 Oct 2025 15:49
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 09 03:13:12 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	7.707	168	604528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1184583	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1122233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	469203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	291196	57.604	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.200%			
35) Dibromofluoromethane	7.634	113	388166	53.329	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.660%			
50) Toluene-d8	10.109	98	1407977	51.942	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.880%			
62) 4-Bromofluorobenzene	12.408	95	429914	48.039	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.080%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.824	59	689	1.832	ug/l #	88
16) Acetone	3.873	43	2132	1.772	ug/l #	78
20) Methylene Chloride	4.622	84	17410	2.675	ug/l	98
25) 2-Butanone	6.890	43	2300	1.565	ug/l #	70
31) Cyclohexane	7.707	56	10650	1.266	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	42237	4.383	ug/l #	47
38) Carbon Tetrachloride	7.707	117	55479	4.748	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	213789	51.645	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	213789	126.642	ug/l #	15

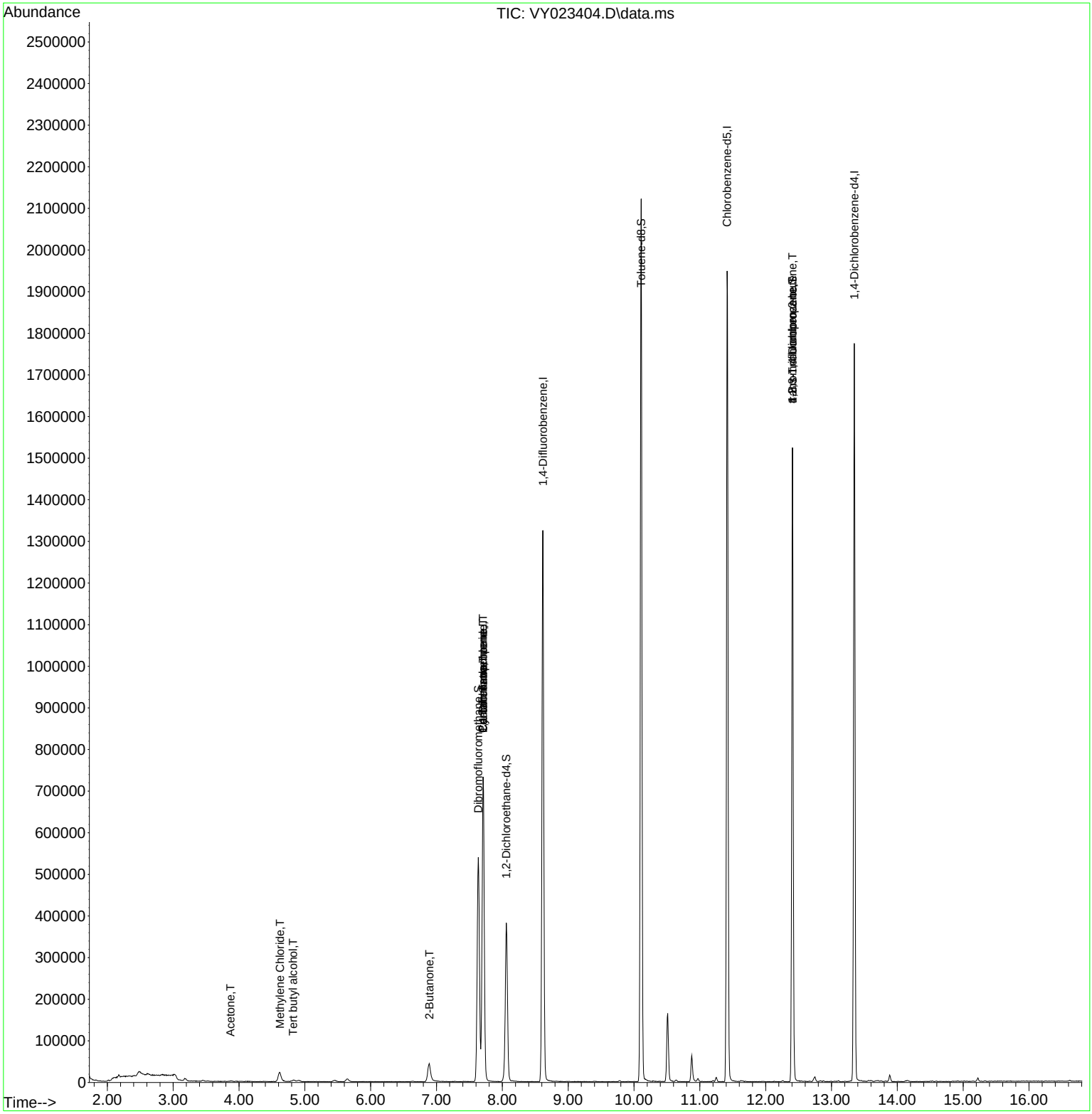
(#) = qualifier out of range (m) = manual integration (+) = signals summed

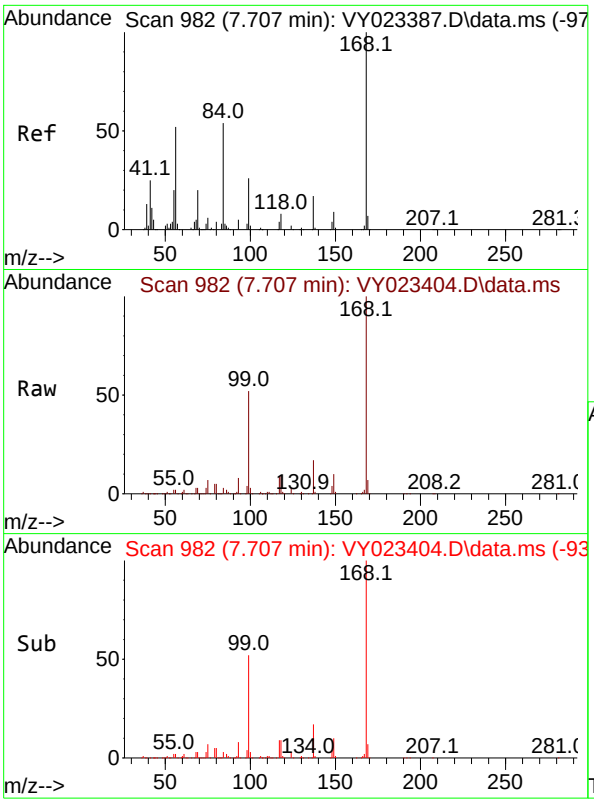
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100825\
Data File : VY023404.D
Acq On : 08 Oct 2025 15:49
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 09 03:13:12 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



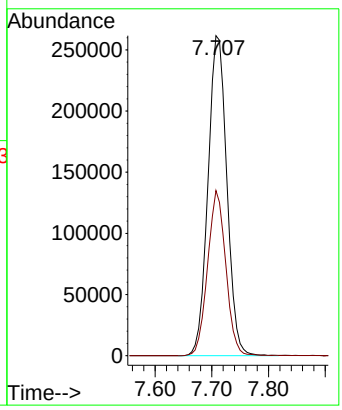


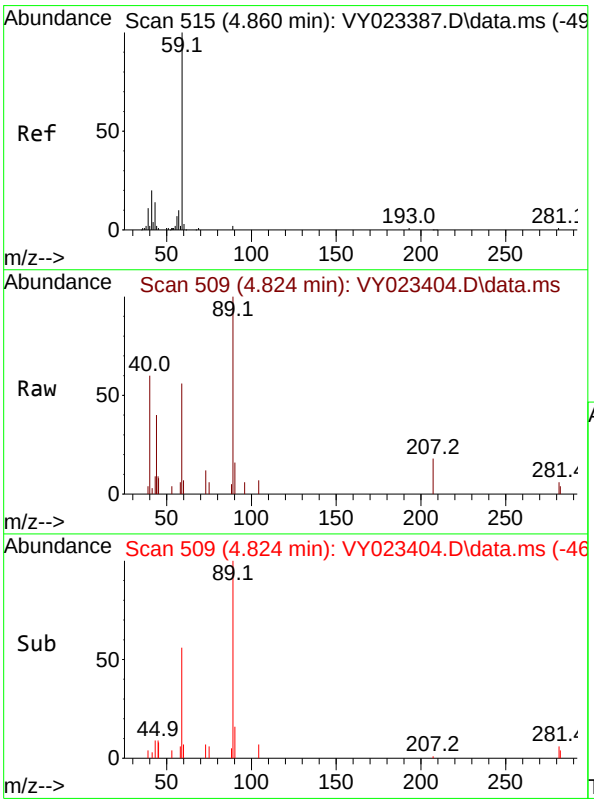
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023404.D
Acq: 08 Oct 2025 15:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 604528

Ion	Ratio	Lower	Upper
168	100		
99	51.6	39.7	59.5

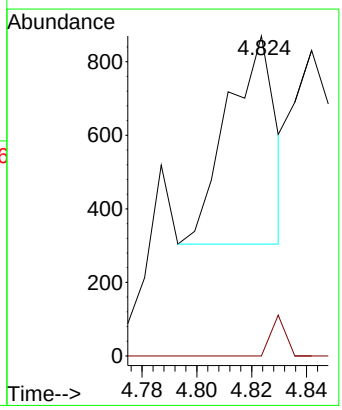


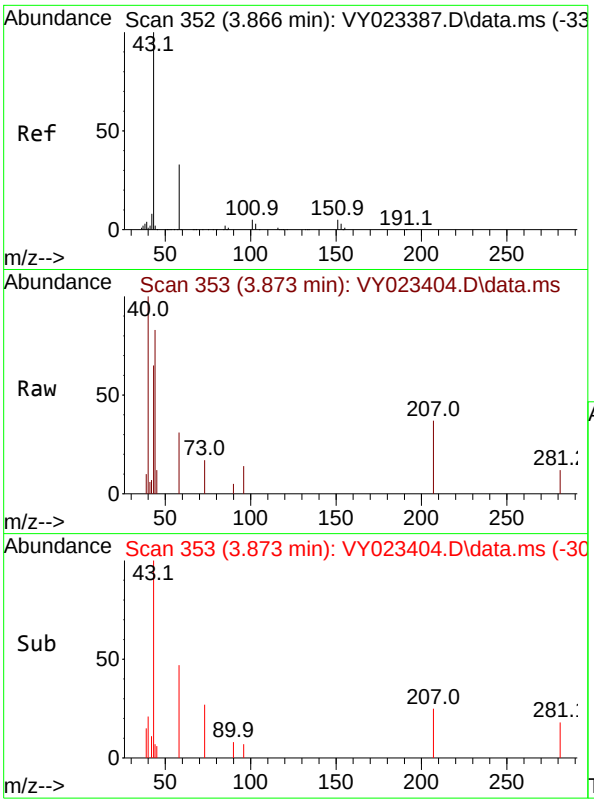


#11
Tert butyl alcohol
Concen: 1.832 ug/l
RT: 4.824 min Scan# 509
Delta R.T. -0.037 min
Lab File: VY023404.D
Acq: 08 Oct 2025 15:49

Tgt Ion: 59 Resp: 689

Ion	Ratio	Lower	Upper
59	100		
57	6.0	8.3	12.5#



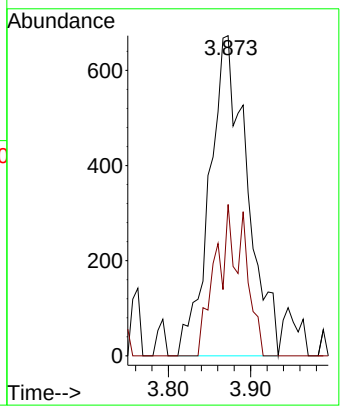


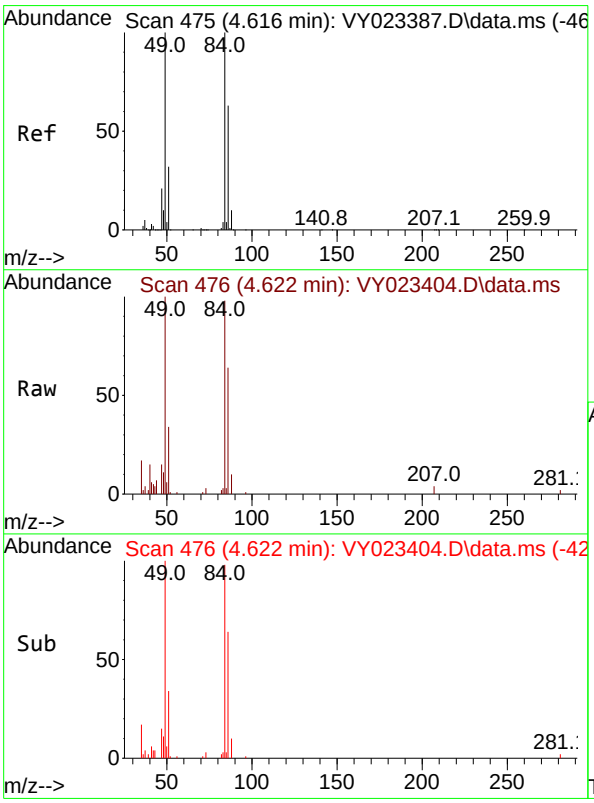
#16
Acetone
Concen: 1.772 ug/l
RT: 3.873 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY023404.D
Acq: 08 Oct 2025 15:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 2132

Ion	Ratio	Lower	Upper
43	100		
58	47.3	27.7	41.5#

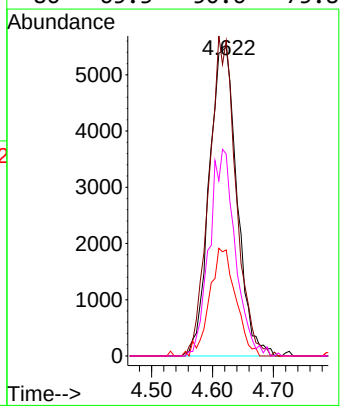


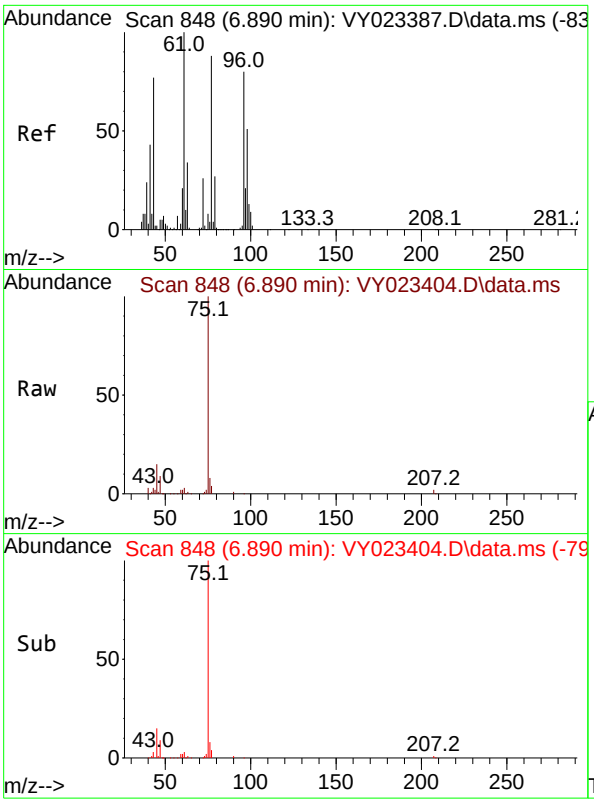


#20
Methylene Chloride
Concen: 2.675 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY023404.D
Acq: 08 Oct 2025 15:49

Tgt Ion: 84 Resp: 17410

Ion	Ratio	Lower	Upper
84	100		
49	102.0	80.2	120.4
51	34.3	25.9	38.9
86	65.3	50.6	75.8



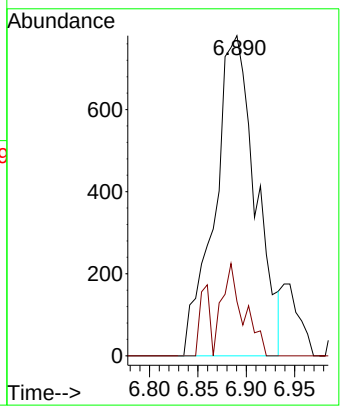


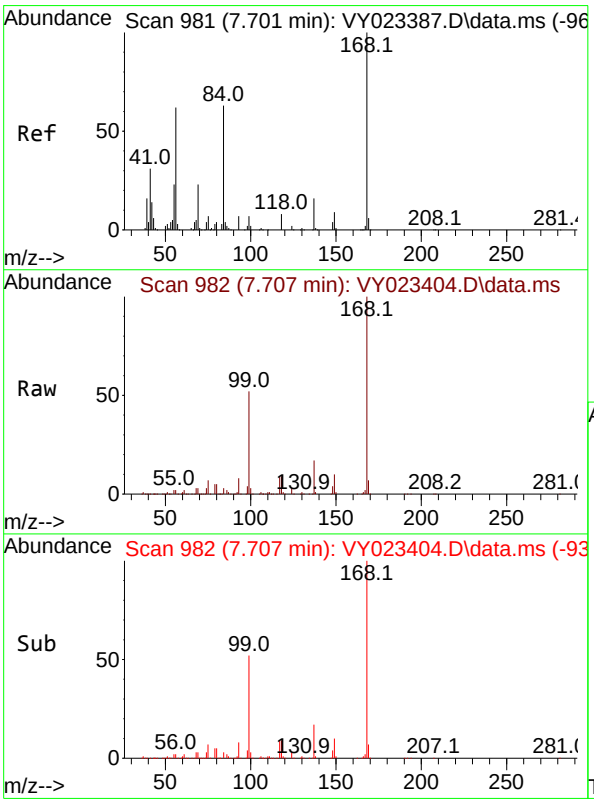
#25
2-Butanone
Concen: 1.565 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY023404.D
Acq: 08 Oct 2025 15:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 2300

Ion	Ratio	Lower	Upper
43	100		
72	17.1	27.4	41.2#

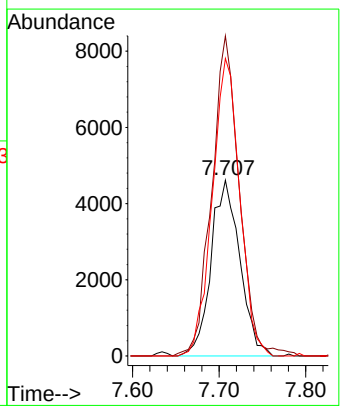


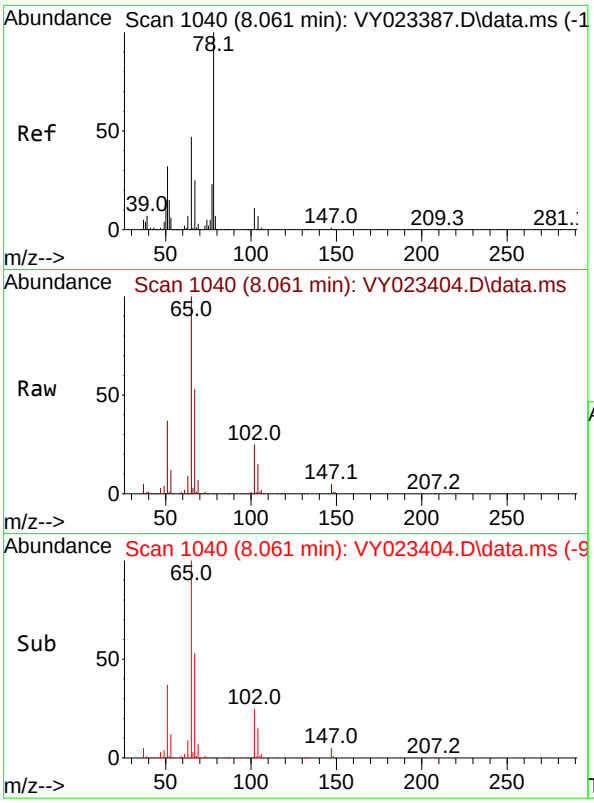


#31
Cyclohexane
Concen: 1.266 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY023404.D
Acq: 08 Oct 2025 15:49

Tgt Ion: 56 Resp: 10650

Ion	Ratio	Lower	Upper
56	100		
69	180.7	30.0	45.0#
84	169.3	81.2	121.8#



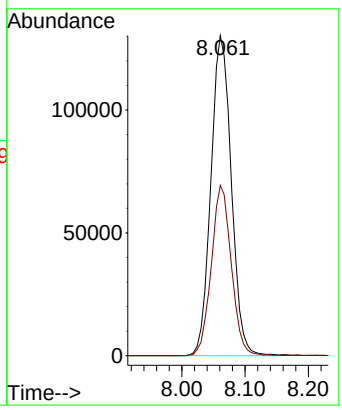


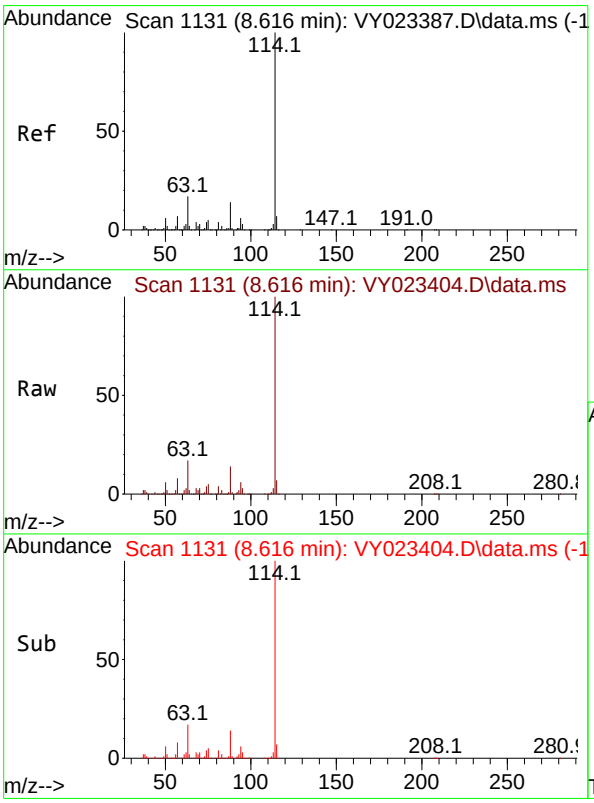
#33
1,2-Dichloroethane-d4
Concen: 57.604 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023404.D
Acq: 08 Oct 2025 15:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 291196

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	105.8

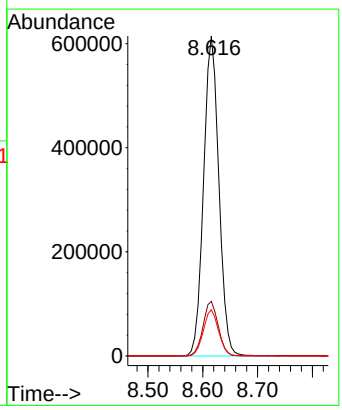


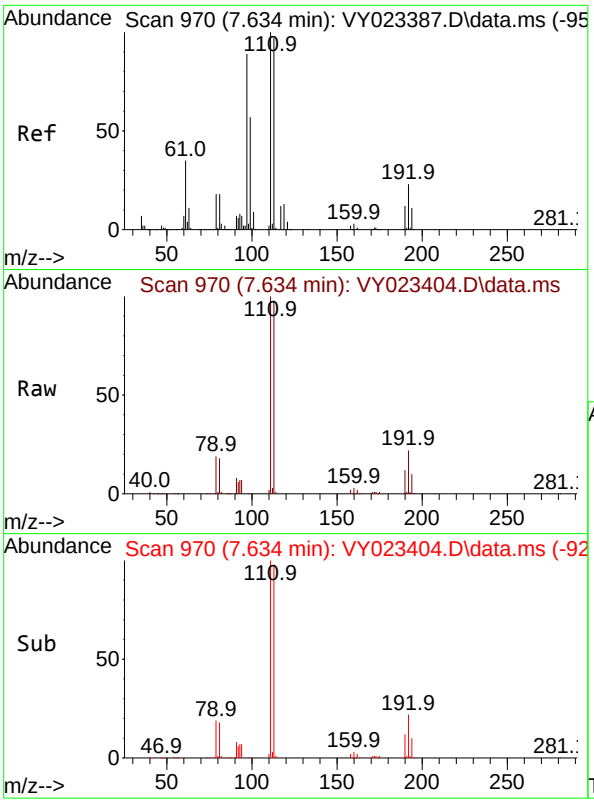


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023404.D
Acq: 08 Oct 2025 15:49

Tgt Ion:114 Resp: 1184583

Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	34.2
88	14.5	0.0	28.4



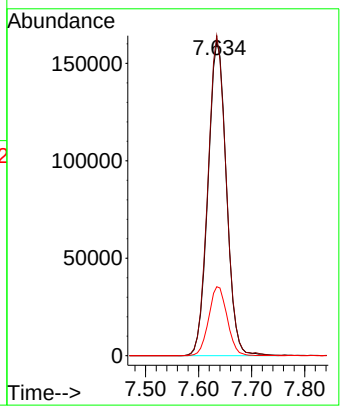


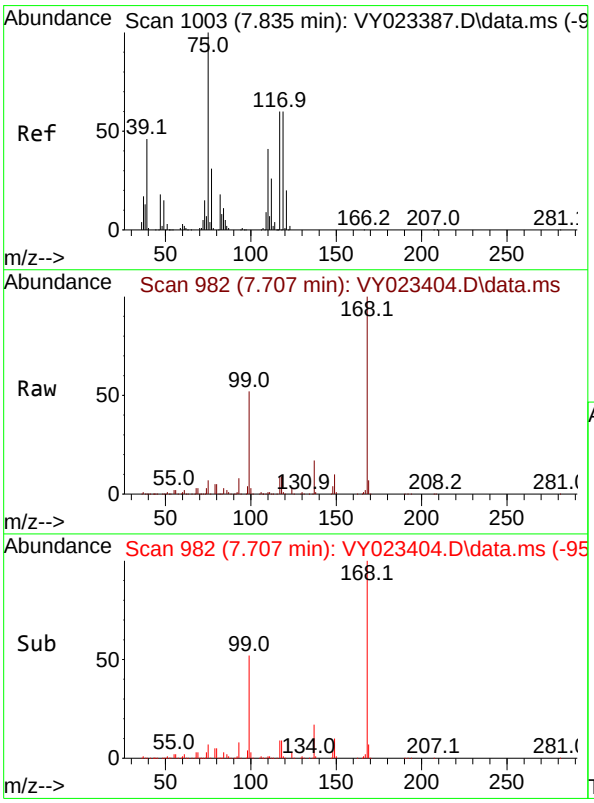
#35
Dibromofluoromethane
Concen: 53.329 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023404.D
Acq: 08 Oct 2025 15:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 388166

Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.8	122.6
192	22.0	18.0	27.0

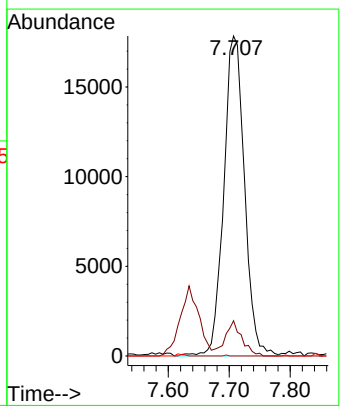


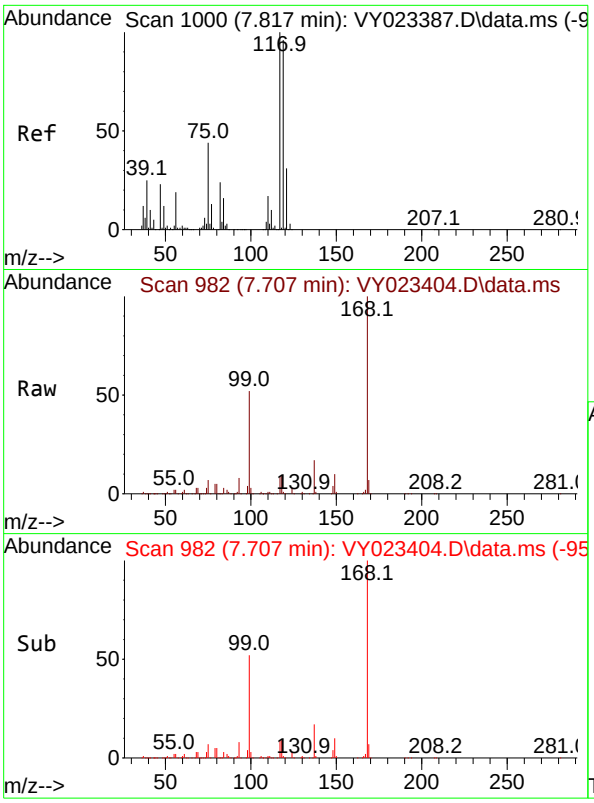


#36
1,1-Dichloropropene
Concen: 4.383 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY023404.D
Acq: 08 Oct 2025 15:49

Tgt Ion: 75 Resp: 42237

Ion	Ratio	Lower	Upper
75	100		
110	8.6	19.9	59.7#
77	0.0	25.0	37.6#



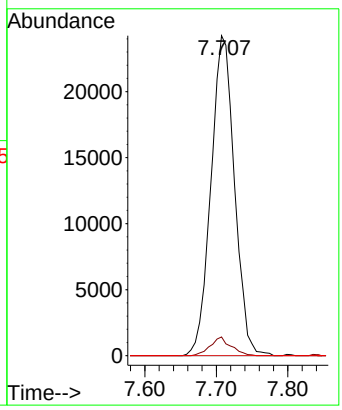


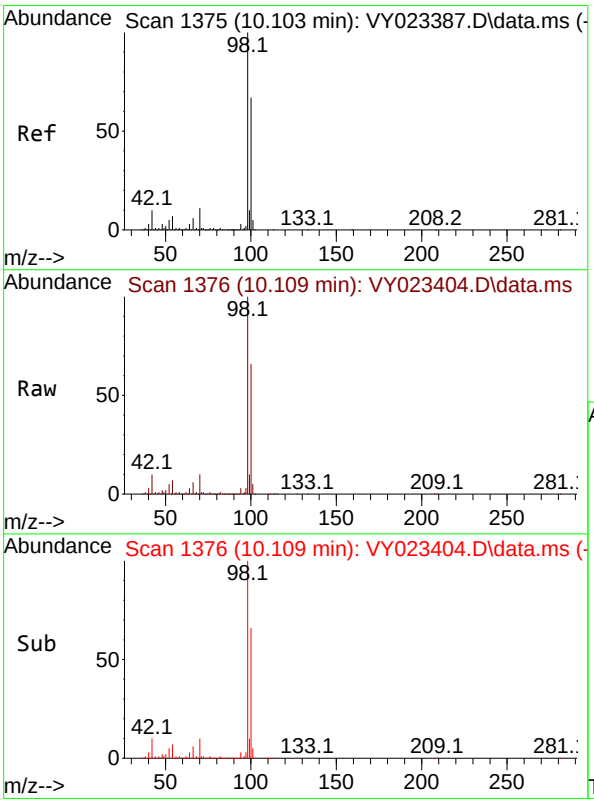
#38
Carbon Tetrachloride
Concen: 4.748 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.110 min
Lab File: VY023404.D
Acq: 08 Oct 2025 15:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 55479

Ion	Ratio	Lower	Upper
117	100		
119	5.9	76.8	115.2#
121	0.0	24.5	36.7#

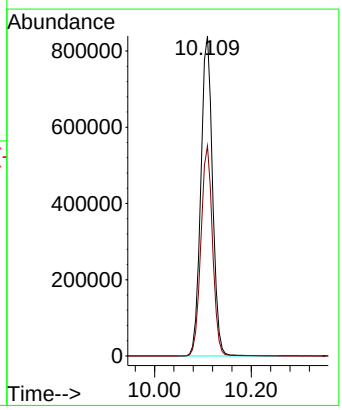


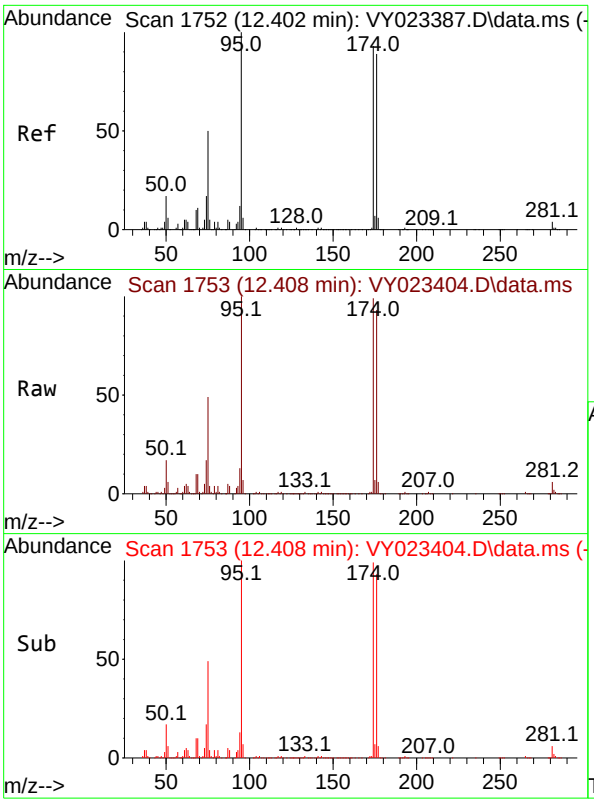


#50
Toluene-d8
Concen: 51.942 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023404.D
Acq: 08 Oct 2025 15:49

Tgt Ion: 98 Resp: 1407977

Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.0	79.4



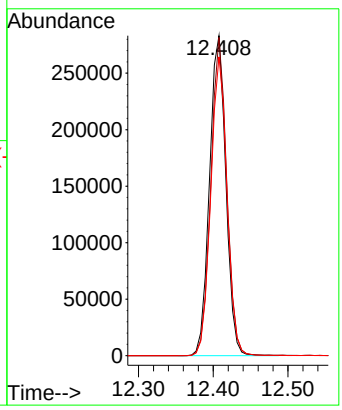


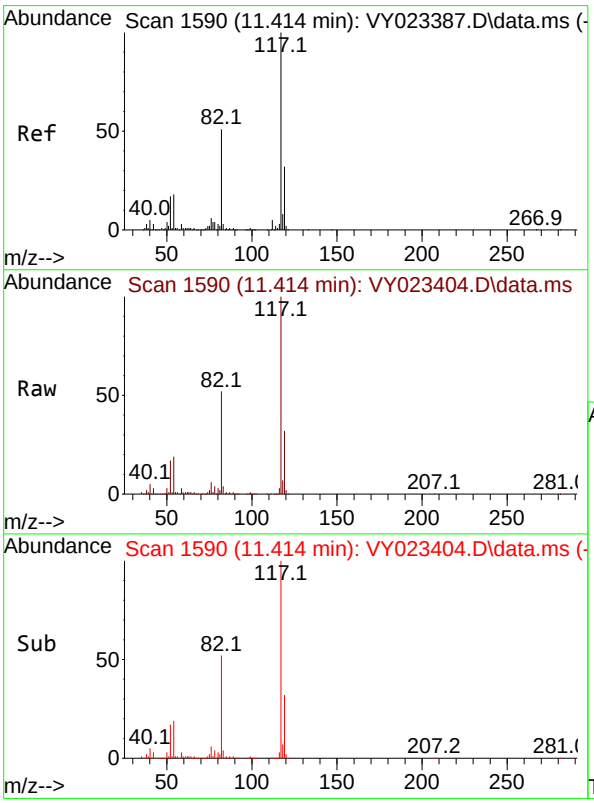
#62
4-Bromofluorobenzene
Concen: 48.039 ug/l
RT: 12.408 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023404.D
Acq: 08 Oct 2025 15:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 429914

Ion	Ratio	Lower	Upper
95	100		
174	97.2	0.0	192.8
176	92.7	0.0	187.6

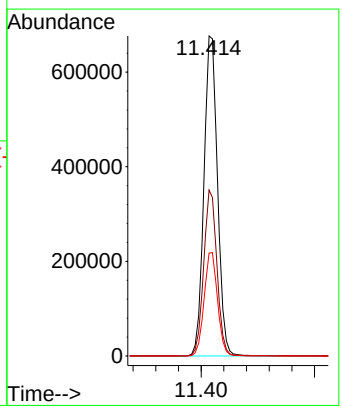


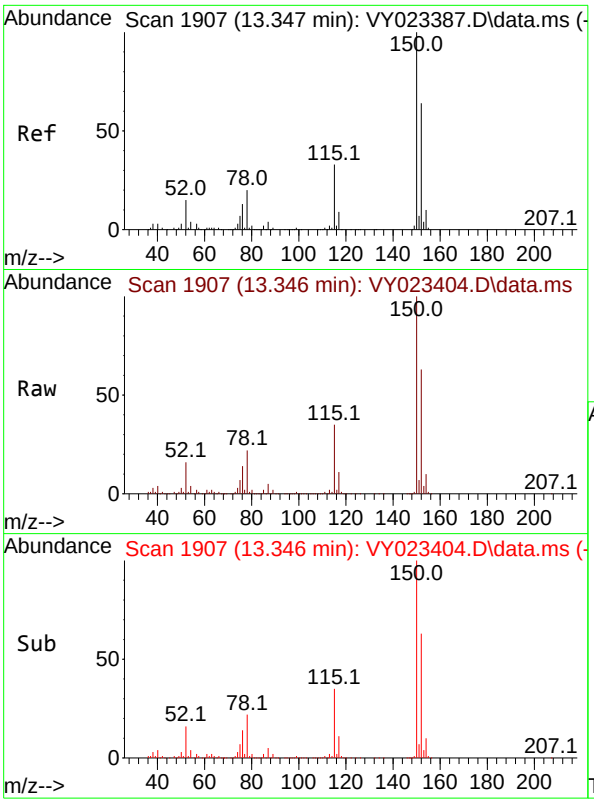


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY023404.D
Acq: 08 Oct 2025 15:49

Tgt Ion:117 Resp: 1122233

Ion	Ratio	Lower	Upper
117	100		
82	51.9	41.0	61.4
119	32.2	25.6	38.4



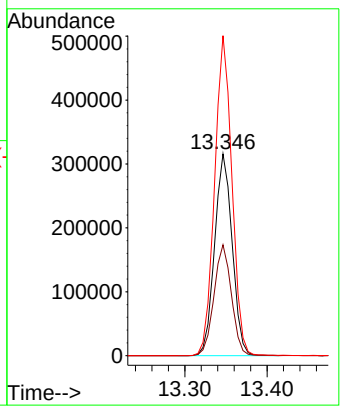


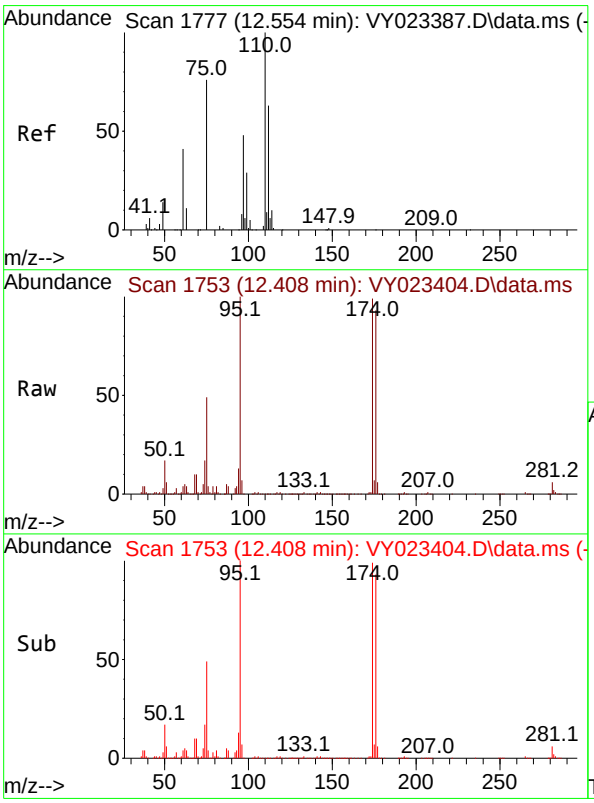
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023404.D
Acq: 08 Oct 2025 15:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 469203

Ion	Ratio	Lower	Upper
152	100		
115	54.5	27.1	81.2
150	156.2	0.0	347.4

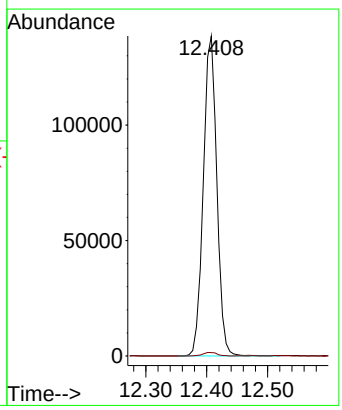


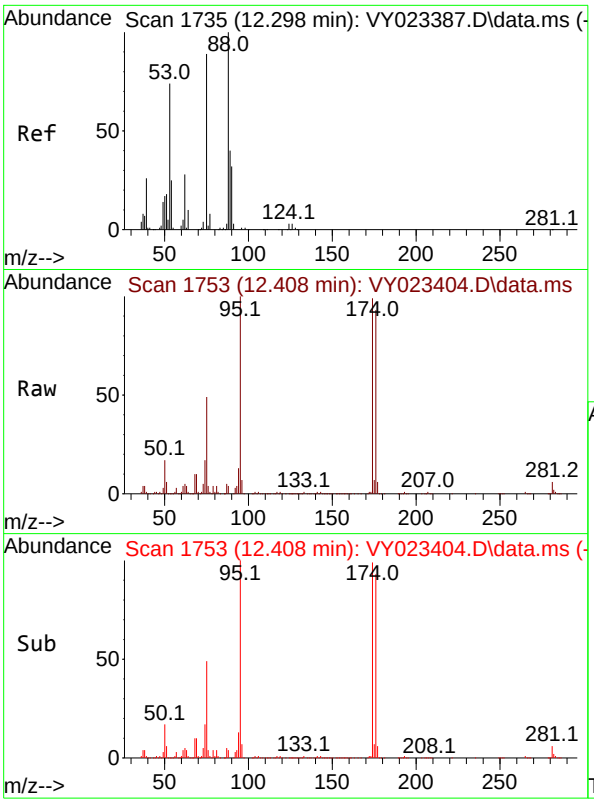


#76
1,2,3-Trichloropropane
Concen: 51.645 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY023404.D
Acq: 08 Oct 2025 15:49

Tgt Ion: 75 Resp: 213789

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 126.642 ug/l
RT: 12.408 min Scan# 1
Delta R.T. 0.110 min
Lab File: VY023404.D
Acq: 08 Oct 2025 15:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 213789

Ion	Ratio	Lower	Upper
75	100		
53	0.2	68.6	102.8#
89	0.1	39.0	58.4#