Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102125\
Data File : VY023537.D
Acq On : 21 Oct 2025 16:10
Operator : SY/MD
Sample : Q3406-01
Misc : 5.14g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0037

Quant Time: Oct 24 01:37:49 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	772637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1256599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1005065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	357148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	328231	50.803	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.600%			
35) Dibromofluoromethane	7.634	113	390379	50.559	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.120%			
50) Toluene-d8	10.109	98	1386848	48.231	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.460%			
62) 4-Bromofluorobenzene	12.408	95	359324	37.850	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 75.700%			
Target Compounds						Qvalue
16) Acetone	3.879	43	1670	1.086	ug/l	95
20) Methylene Chloride	4.622	84	9438	1.135	ug/l #	93
25) 2-Butanone	6.890	43	1975	1.052	ug/l #	86
31) Cyclohexane	7.707	56	12531	1.166	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	50171	4.908	ug/l #	48
38) Carbon Tetrachloride	7.713	117	70462	5.685	ug/l #	17
51) 4-Methyl-2-Pentanone	10.103	43	4675	1.121	ug/l #	1
76) 1,2,3-Trichloropropane	12.402	75	174012	55.224	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	174012	135.421	ug/l #	15

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

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Misc : 5.14g/5.0mL/MSVOA_Y/SOIL/A
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
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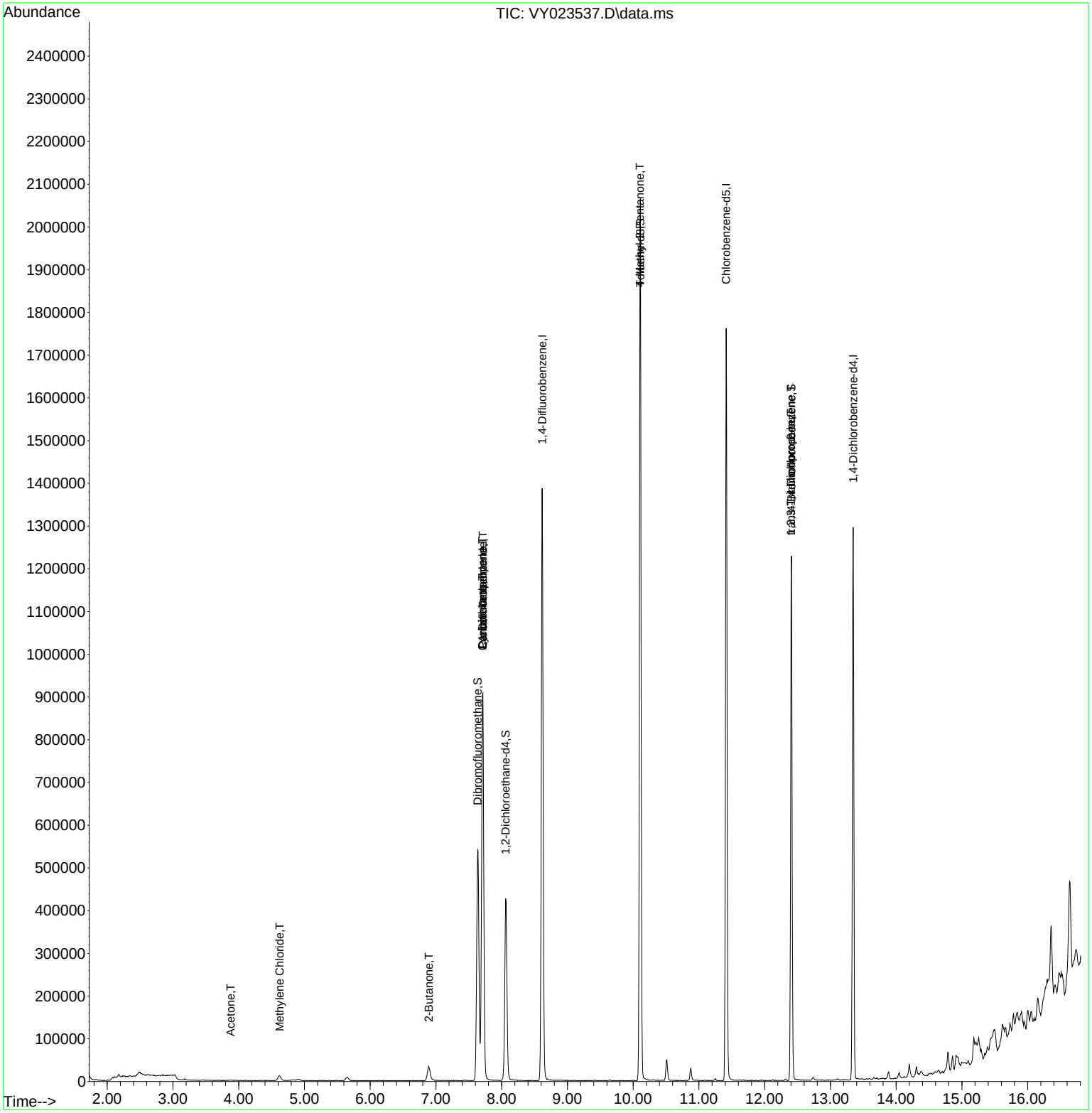
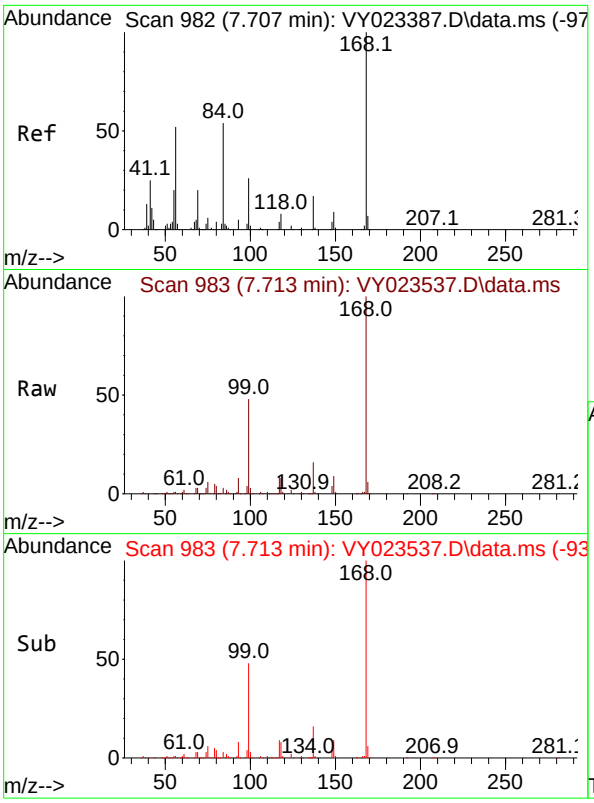


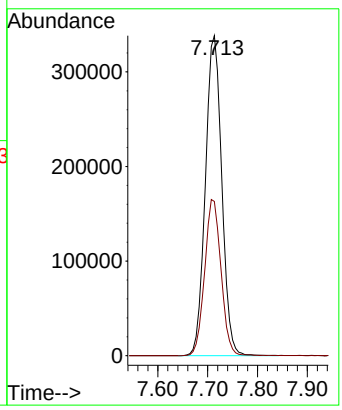


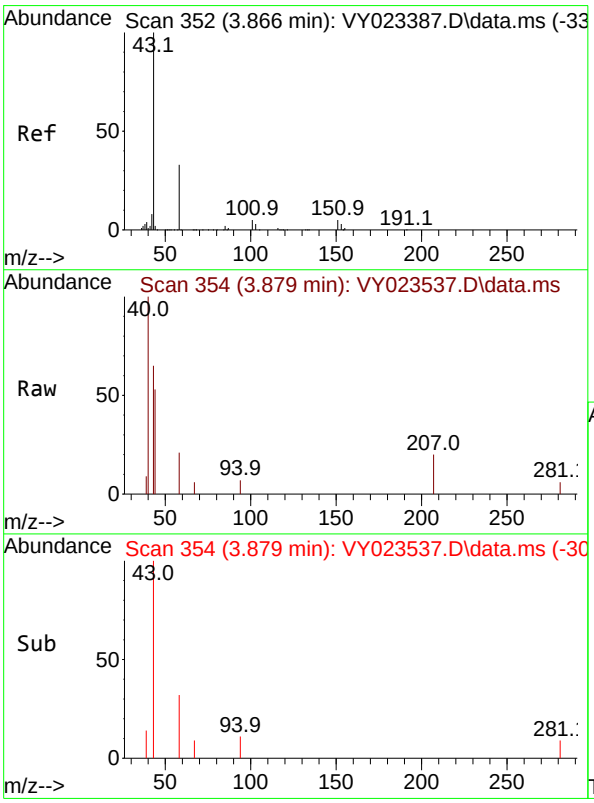
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023537.D
Acq: 21 Oct 2025 16:10

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0037

Tgt Ion:168 Resp: 772637

Ion	Ratio	Lower	Upper
168	100		
99	48.2	39.7	59.5

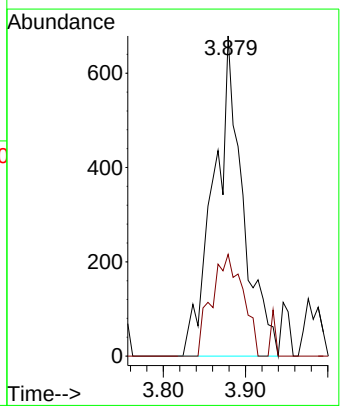


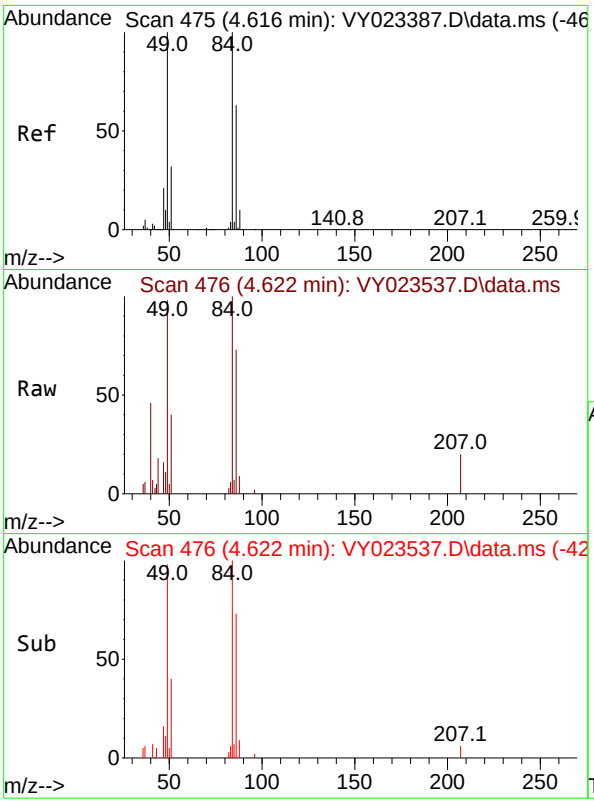


#16
Acetone
Concen: 1.086 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.012 min
Lab File: VY023537.D
Acq: 21 Oct 2025 16:10

Tgt Ion: 43 Resp: 1670

Ion	Ratio	Lower	Upper
43	100		
58	31.8	27.7	41.5



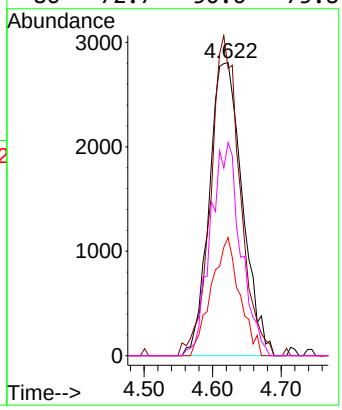


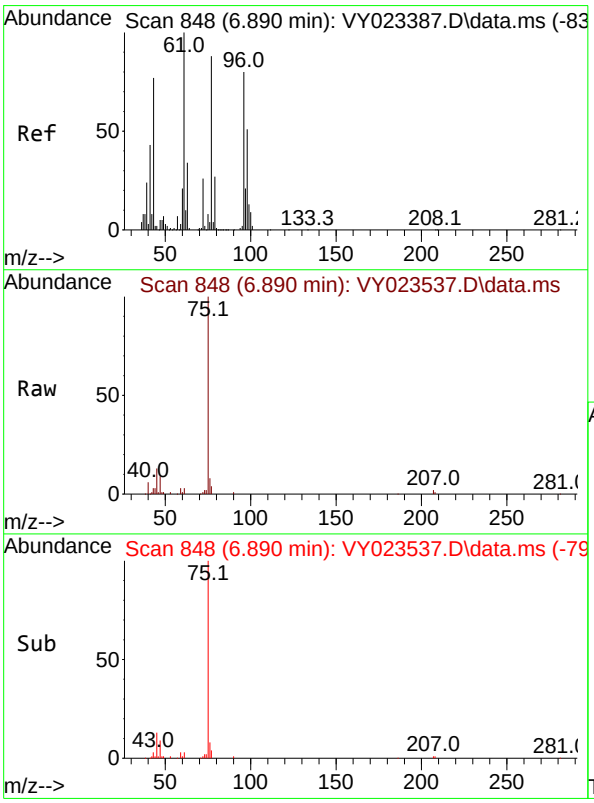
#20
Methylene Chloride
Concen: 1.135 ug/l
RT: 4.622 min Scan# 4
Delta R.T. 0.006 min
Lab File: VY023537.D
Acq: 21 Oct 2025 16:10

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0037

Tgt Ion: 84 Resp: 9438

Ion	Ratio	Lower	Upper
84	100		
49	98.0	80.2	120.4
51	40.3	25.9	38.9#
86	72.7	50.6	75.8

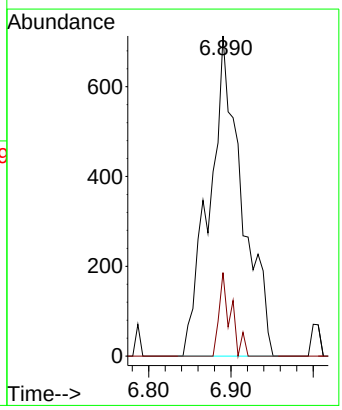


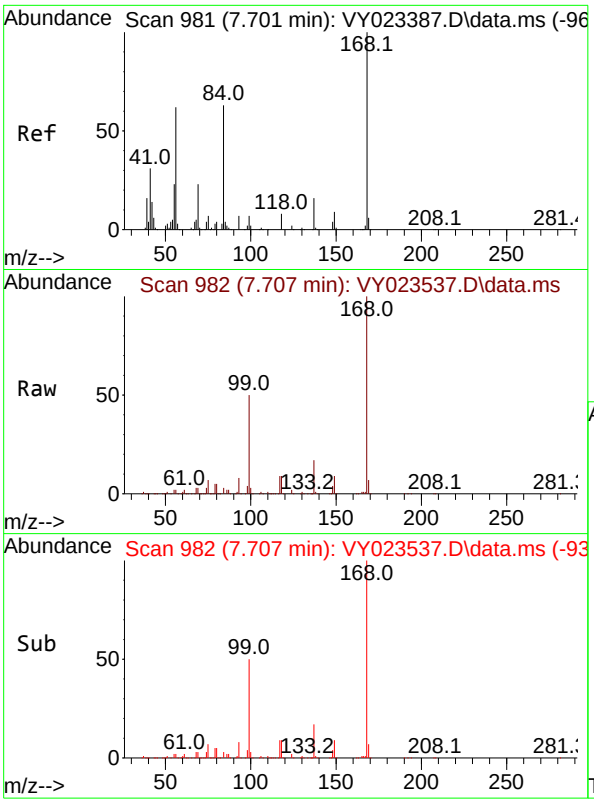


#25
2-Butanone
Concen: 1.052 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY023537.D
Acq: 21 Oct 2025 16:10

Tgt Ion: 43 Resp: 1975

Ion	Ratio	Lower	Upper
43	100		
72	26.1	27.4	41.2#



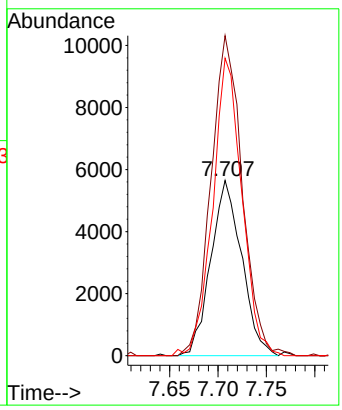


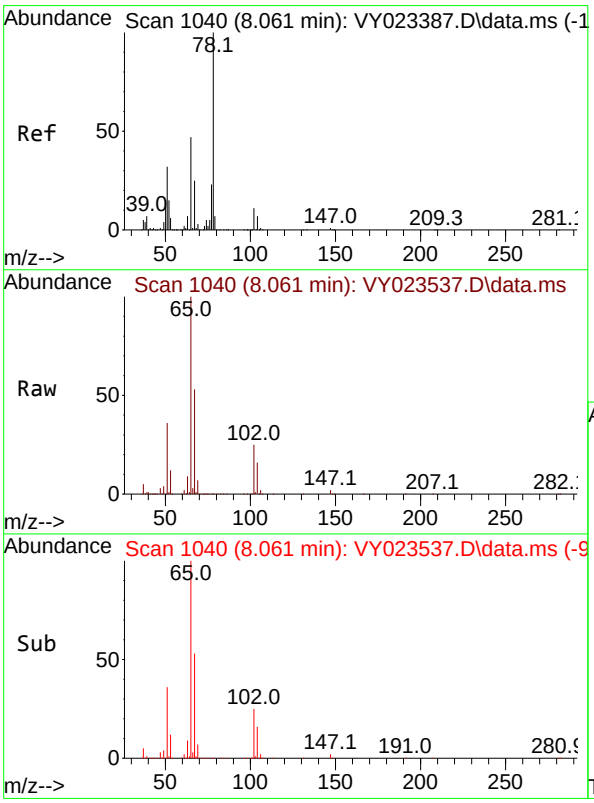
#31
Cyclohexane
Concen: 1.166 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023537.D
Acq: 21 Oct 2025 16:10

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0037

Tgt Ion: 56 Resp: 12531

Ion	Ratio	Lower	Upper
56	100		
69	182.6	30.0	45.0#
84	168.0	81.2	121.8#

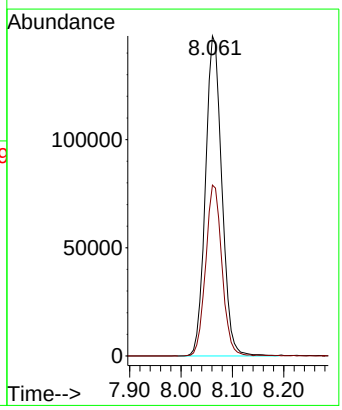


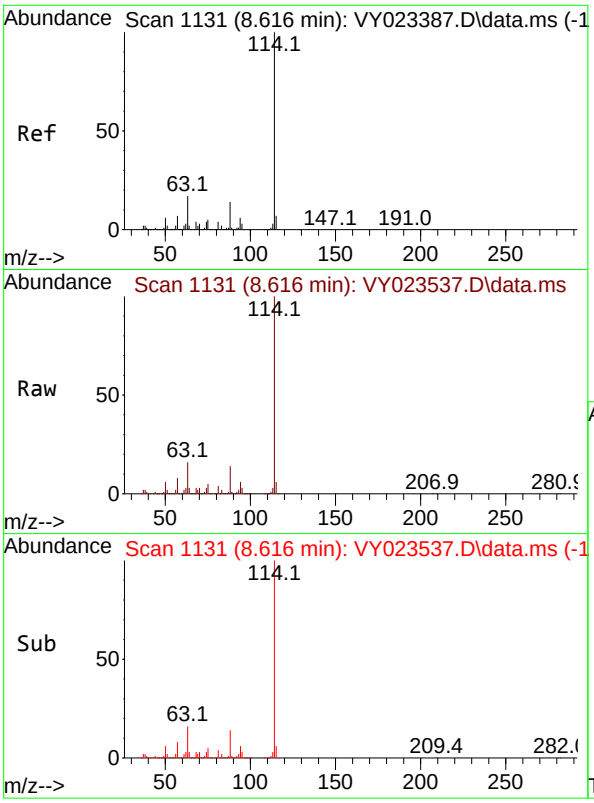


#33
1,2-Dichloroethane-d4
Concen: 50.803 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY023537.D
Acq: 21 Oct 2025 16:10

Tgt Ion: 65 Resp: 328231

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	105.8



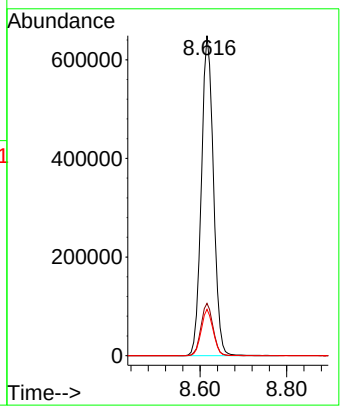


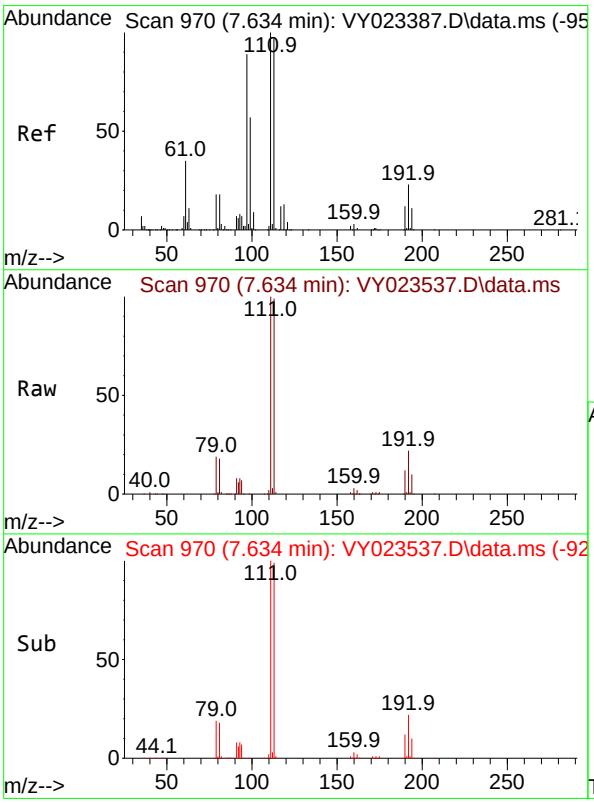
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023537.D
Acq: 21 Oct 2025 16:10

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0037

Tgt Ion:114 Resp: 1256599

Ion	Ratio	Lower	Upper
114	100		
63	16.4	0.0	34.2
88	14.5	0.0	28.4

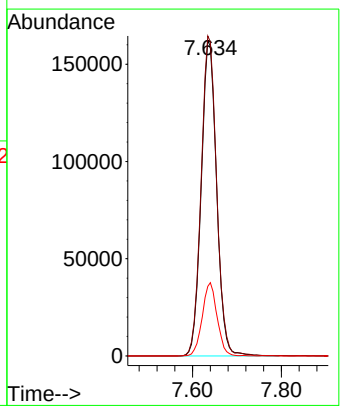


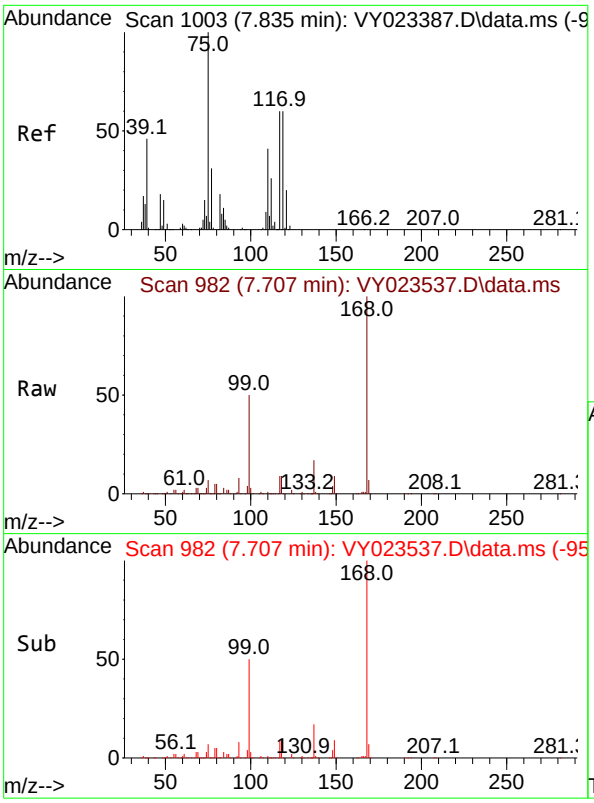


#35
Dibromofluoromethane
Concen: 50.559 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY023537.D
Acq: 21 Oct 2025 16:10

Tgt Ion:113 Resp: 390379

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.8	122.6
192	22.5	18.0	27.0



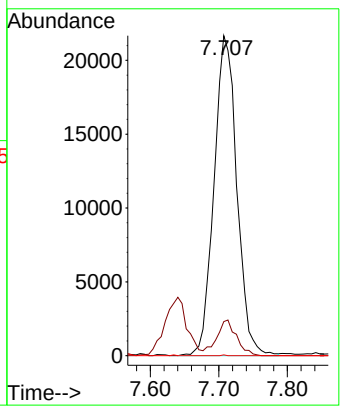


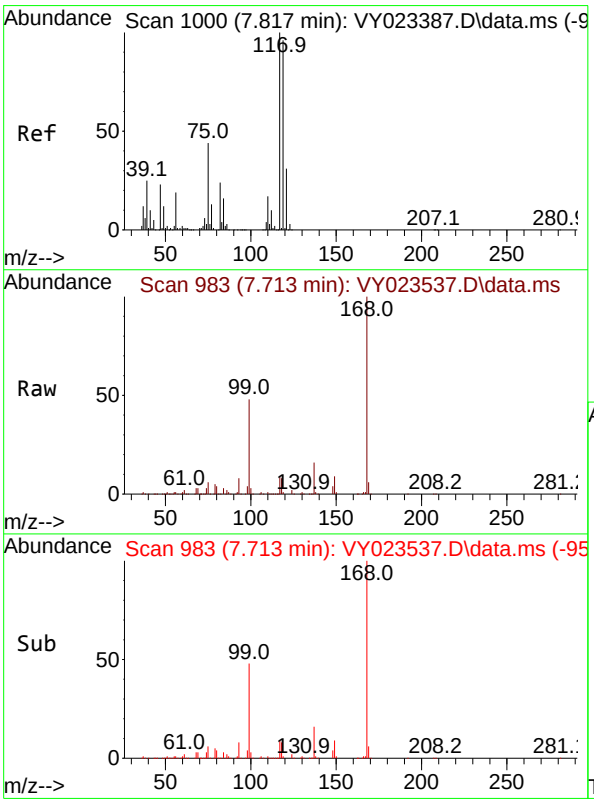
#36
1,1-Dichloropropene
Concen: 4.908 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.128 min
Lab File: VY023537.D
Acq: 21 Oct 2025 16:10

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0037

Tgt Ion: 75 Resp: 50171

Ion	Ratio	Lower	Upper
75	100		
110	9.7	19.9	59.7#
77	0.0	25.0	37.6#

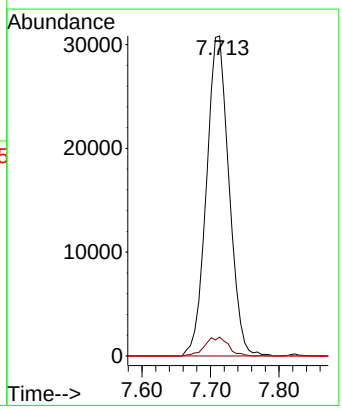


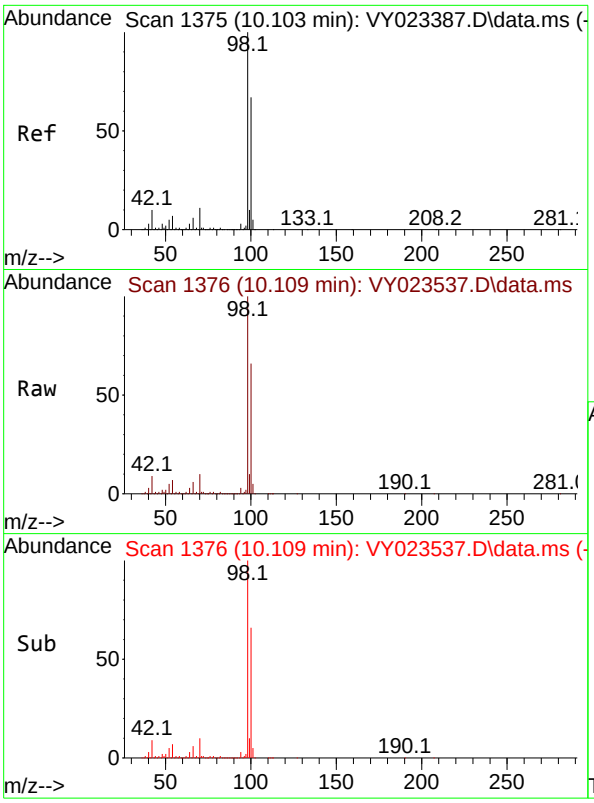


#38
Carbon Tetrachloride
Concen: 5.685 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.104 min
Lab File: VY023537.D
Acq: 21 Oct 2025 16:10

Tgt Ion:117 Resp: 70462

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



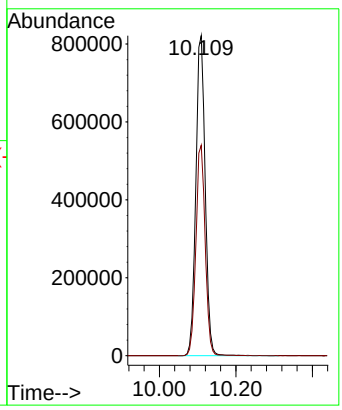


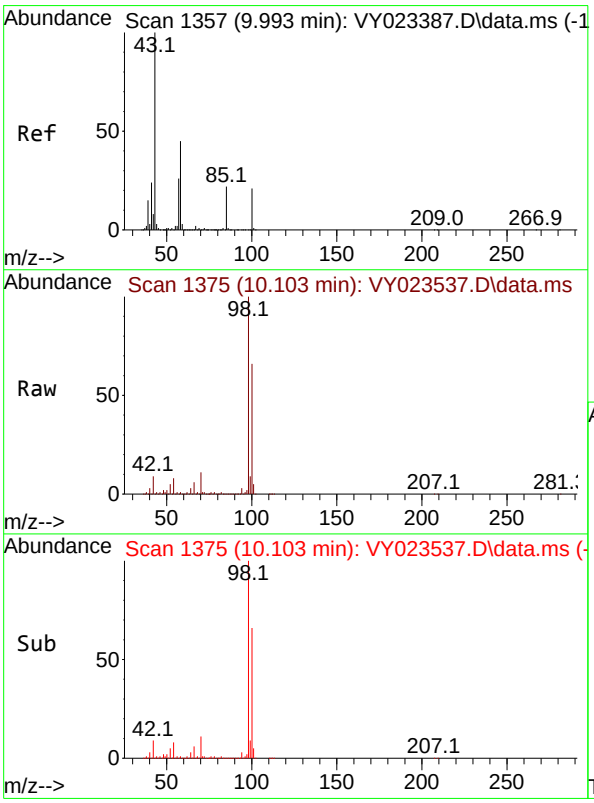
#50
Toluene-d8
Concen: 48.231 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023537.D
Acq: 21 Oct 2025 16:10

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0037

Tgt Ion: 98 Resp: 1386848

Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.0	79.4

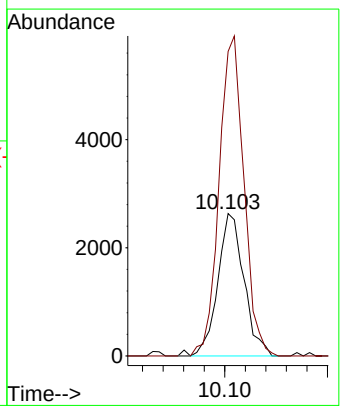


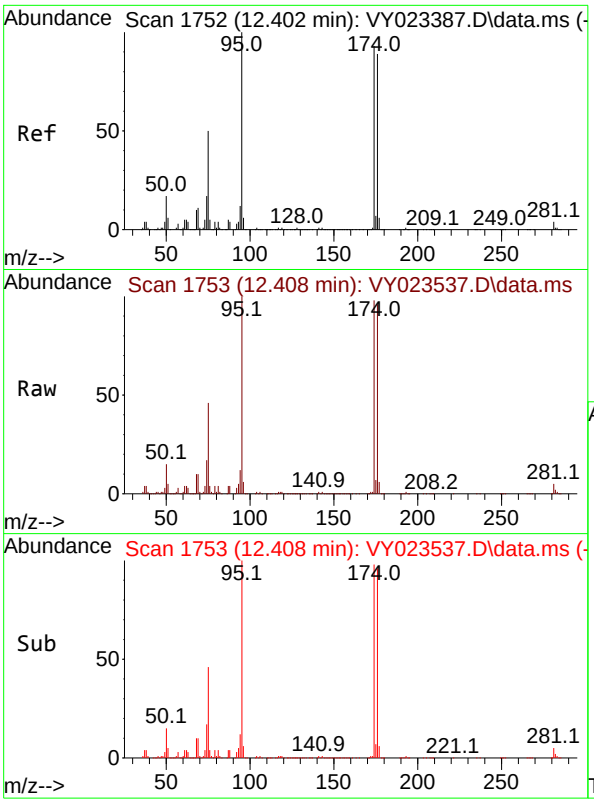


#51
4-Methyl-2-Pentanone
Concen: 1.121 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.110 min
Lab File: VY023537.D
Acq: 21 Oct 2025 16:10

Tgt Ion: 43 Resp: 4675

Ion	Ratio	Lower	Upper
43	100		
58	211.7	35.3	52.9#



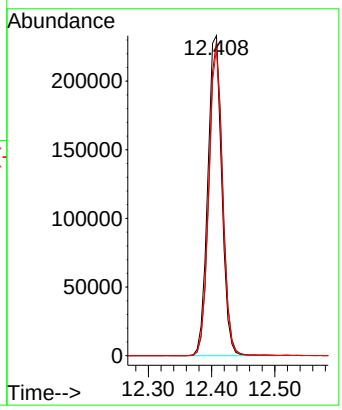


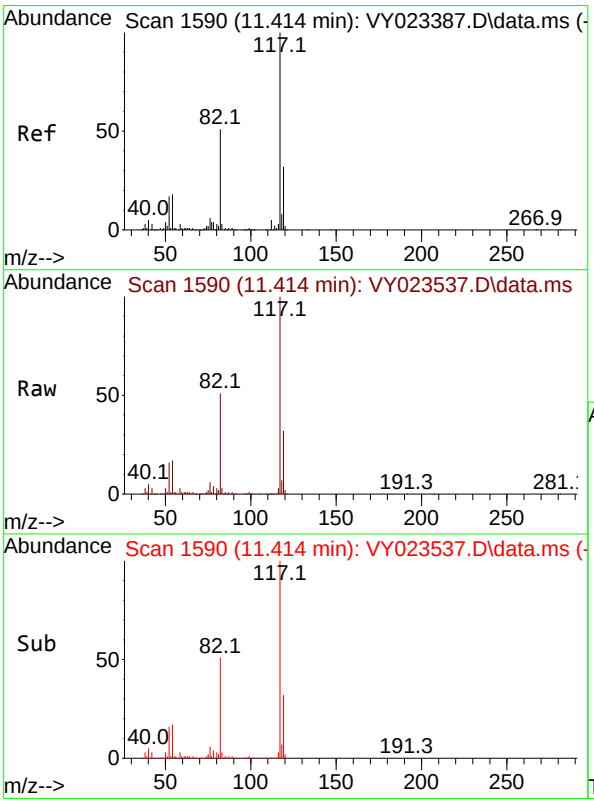
#62
4-Bromofluorobenzene
Concen: 37.850 ug/l
RT: 12.408 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023537.D
Acq: 21 Oct 2025 16:10

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0037

Tgt Ion: 95 Resp: 359324

Ion	Ratio	Lower	Upper
95	100		
174	96.9	0.0	192.8
176	93.9	0.0	187.6

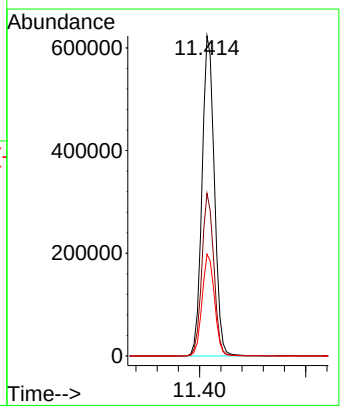


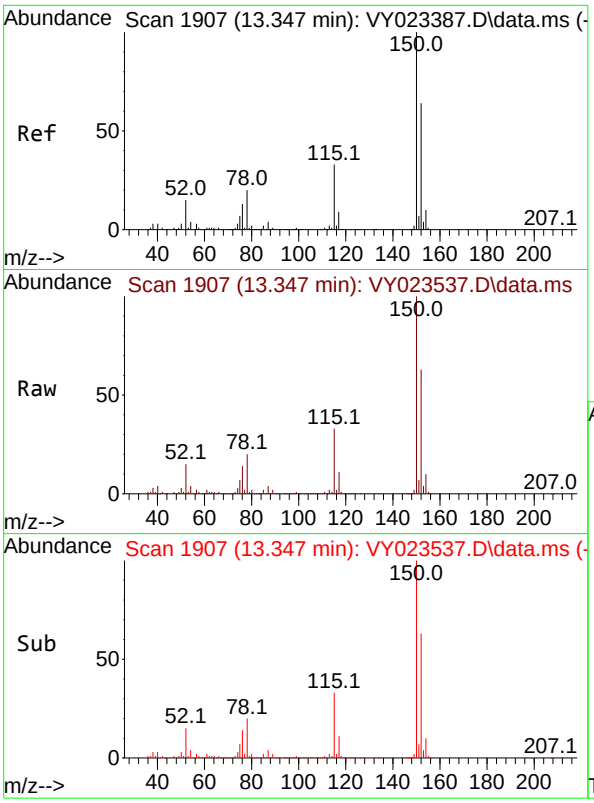


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY023537.D
Acq: 21 Oct 2025 16:10

Tgt Ion:117 Resp: 1005065

Ion	Ratio	Lower	Upper
117	100		
82	50.8	41.0	61.4
119	31.8	25.6	38.4



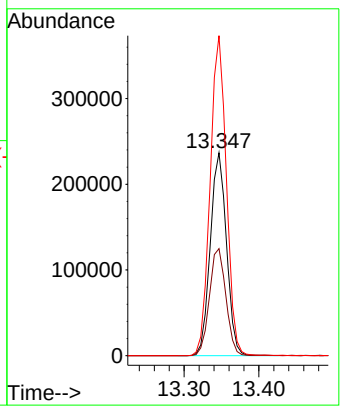


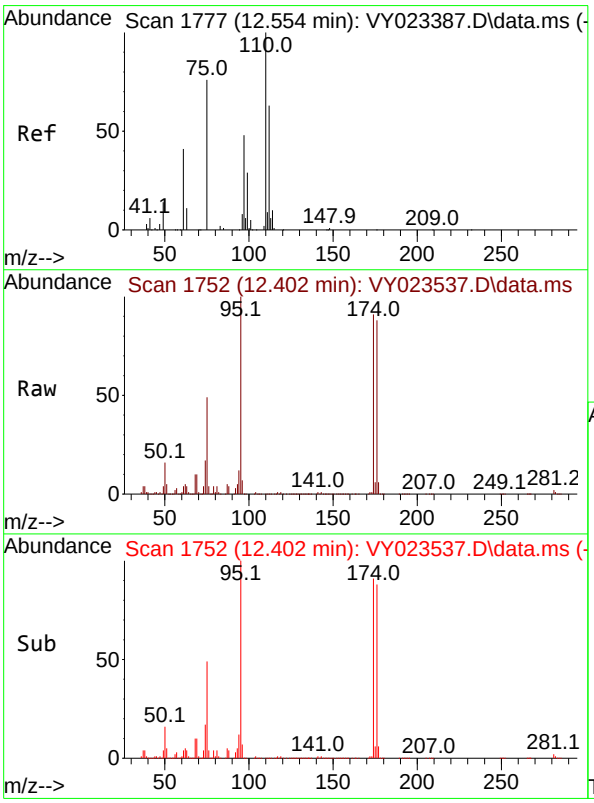
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023537.D
Acq: 21 Oct 2025 16:10

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0037

Tgt Ion:152 Resp: 357148

Ion	Ratio	Lower	Upper
152	100		
115	53.7	27.1	81.2
150	157.5	0.0	347.4

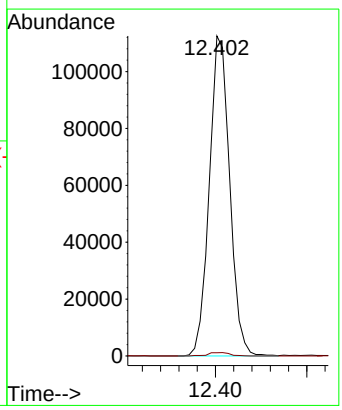


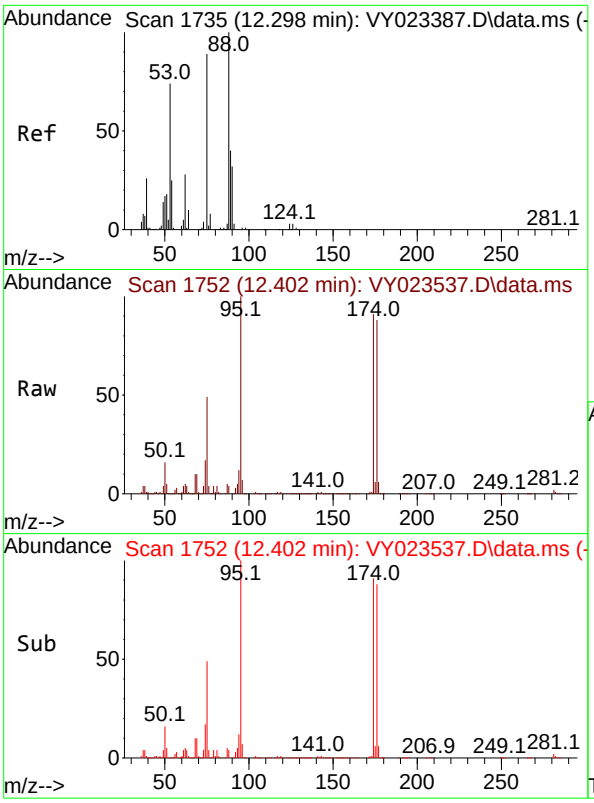


#76
1,2,3-Trichloropropane
Concen: 55.224 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.152 min
Lab File: VY023537.D
Acq: 21 Oct 2025 16:10

Tgt Ion: 75 Resp: 174012

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 135.421 ug/l
RT: 12.402 min Scan# 1
Delta R.T. 0.104 min
Lab File: VY023537.D
Acq: 21 Oct 2025 16:10

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0037

Tgt Ion: 75 Resp: 174012

Ion	Ratio	Lower	Upper
75	100		
53	0.1	68.6	102.8#
89	0.0	39.0	58.4#