Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV102125\
Data File : VV039298.D
Acq On : 21 Oct 2025 12:23
Operator : SY/MD
Sample : Q3390-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
4160

Quant Time: Oct 24 04:47:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	1071032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1875623	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1700766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	816630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	780037	51.255	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 102.500%			
35) Dibromofluoromethane	4.500	113	677981	45.876	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 91.760%			
50) Toluene-d8	7.236	98	2323688	46.219	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 92.440%			
62) 4-Bromofluorobenzene	10.001	95	838209	46.814	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 93.620%			
Target Compounds						Qvalue
6) Chloroethane	1.577	64	311	Below Cal	#	79
11) Tert butyl alcohol	2.571	59	4542	1.540	ug/l #	85
13) Acrolein	2.015	56	344	Below Cal	#	1
16) Acetone	2.121	43	237414	24.281	ug/l	99
18) Methyl Acetate	2.227	43	18515	0.939	ug/l #	51
20) Methylene Chloride	2.458	84	1529	Below Cal	#	82
30) Chloroform	4.285	83	70942	2.526	ug/l	99
31) Cyclohexane	4.596	56	22430	1.118	ug/l #	1
36) 1,1-Dichloropropene	4.600	75	83689	4.509	ug/l #	48
37) Ethyl Acetate	3.937	43	4602	0.212	ug/l #	71
38) Carbon Tetrachloride	4.596	117	108569	4.801	ug/l #	17
41) Methacrylonitrile	4.162	41	228	1.715	ug/l #	10
43) Isopropyl Acetate	5.034	43	18419	0.647	ug/l #	59
47) Bromodichloromethane	6.442	83	7159	0.300	ug/l #	98
52) Toluene	7.307	92	9137892	254.088	ug/l	94
53) t-1,3-Dichloropropene	7.307	75	99364	4.763	ug/l #	1
58) 2-Chloroethyl Vinyl ether	6.834	63	23	8.470	ug/l #	45
68) m/p-Xylenes	9.082	106	7194	0.306	ug/l	96
74) N-amyl acetate	9.667	43	4461	0.218	ug/l #	44
76) 1,2,3-Trichloropropane	9.998	75	411948	25.274	ug/l #	53
81) trans-1,4-Dichloro-2-b...	9.998	75	411948	63.830	ug/l #	14

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV102125\
Data File : VV039298.D
Acq On : 21 Oct 2025 12:23
Operator : SY/MD
Sample : Q3390-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
4160

Quant Time: Oct 24 04:47:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
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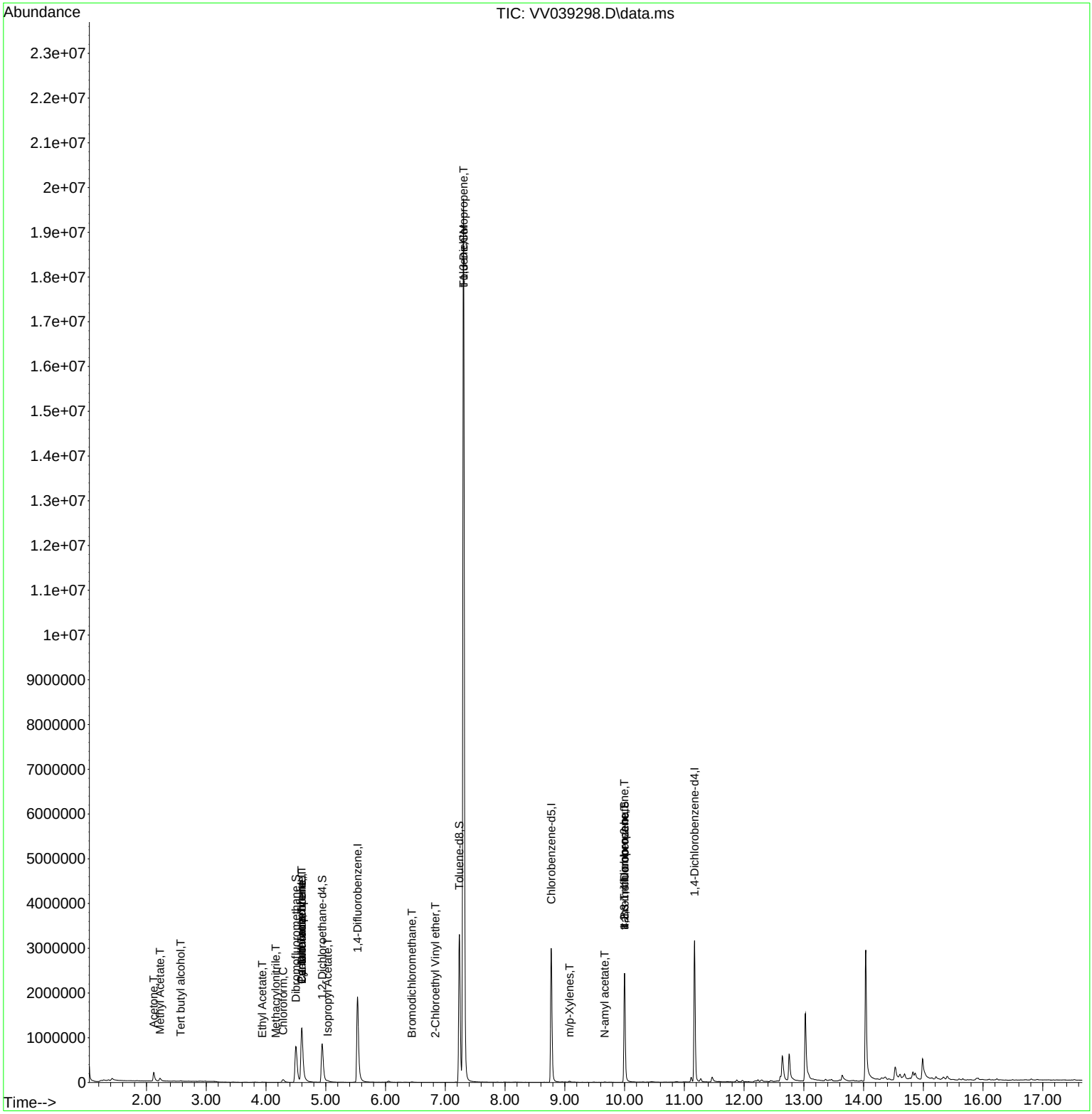
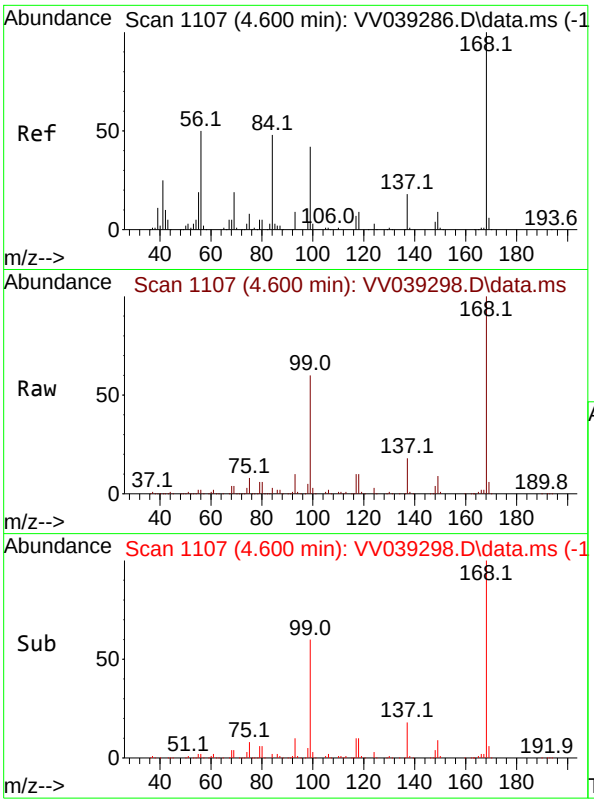


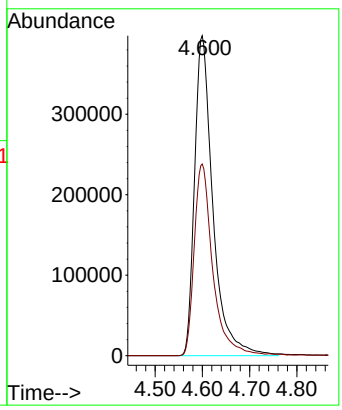


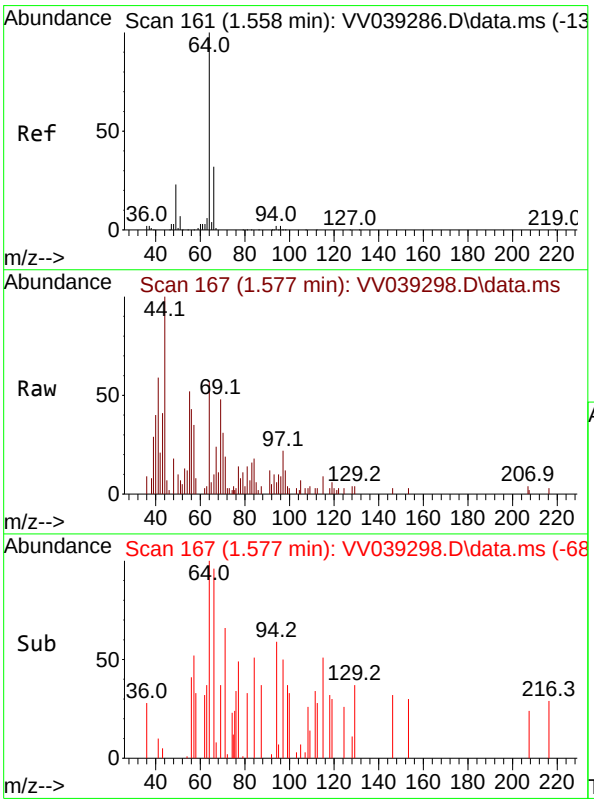
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV039298.D
Acq: 21 Oct 2025 12:23

Instrument :
MSVOA_V
ClientSampleId :
4160

Tgt Ion:168 Resp: 1071032

Ion	Ratio	Lower	Upper
168	100		
99	59.9	46.6	70.0

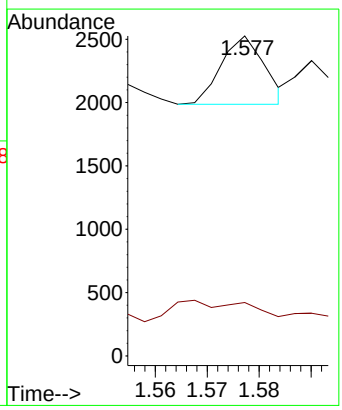


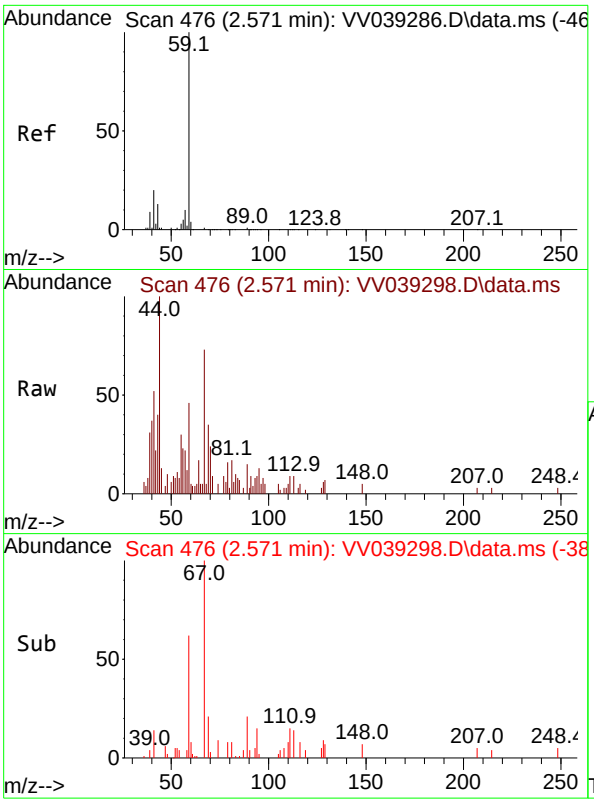


#6
Chloroethane
Concen: Below Cal
RT: 1.577 min Scan# 167
Delta R.T. 0.019 min
Lab File: VV039298.D
Acq: 21 Oct 2025 12:23

Tgt Ion: 64 Resp: 311

Ion	Ratio	Lower	Upper
64	100		
66	20.6	25.7	38.5#



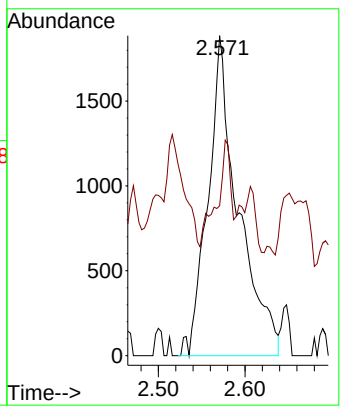


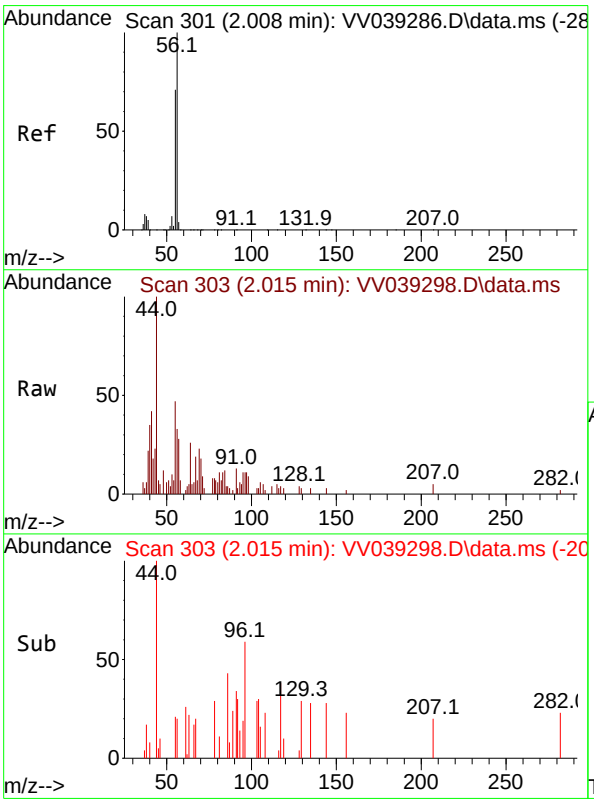
#11
Tert butyl alcohol
Concen: 1.540 ug/l
RT: 2.571 min Scan# 4
Delta R.T. -0.000 min
Lab File: VV039298.D
Acq: 21 Oct 2025 12:23

Instrument :
MSVOA_V
ClientSampleId :
4160

Tgt Ion: 59 Resp: 4542

Ion	Ratio	Lower	Upper
59	100		
57	15.8	8.1	12.1#

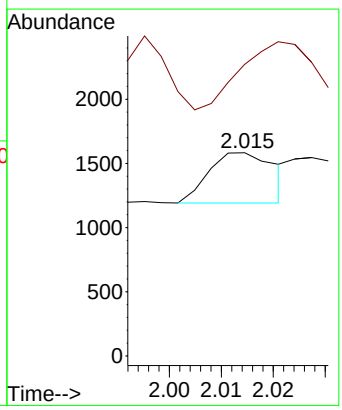


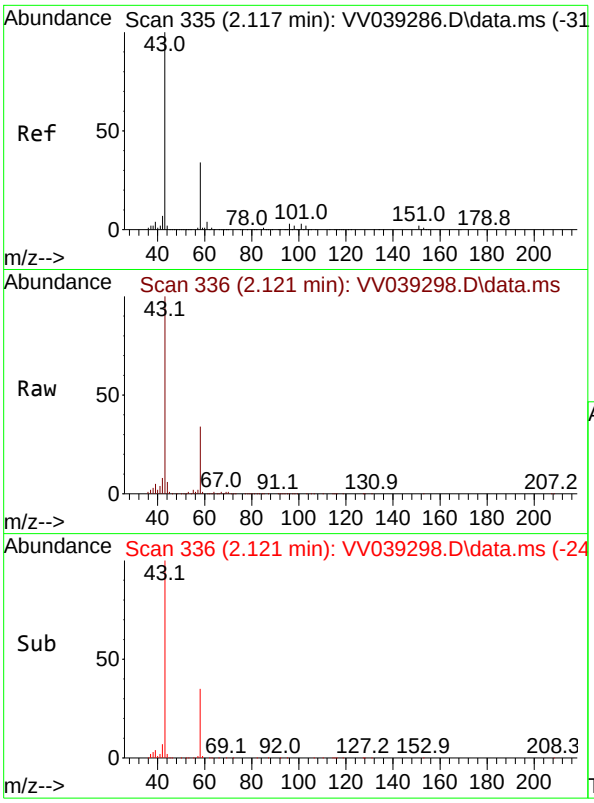


#13
Acrolein
Concen: Below Cal
RT: 2.015 min Scan# 303
Delta R.T. 0.006 min
Lab File: VV039298.D
Acq: 21 Oct 2025 12:23

Tgt Ion: 56 Resp: 344

Ion	Ratio	Lower	Upper
56	100		
55	249.1	56.2	84.4#



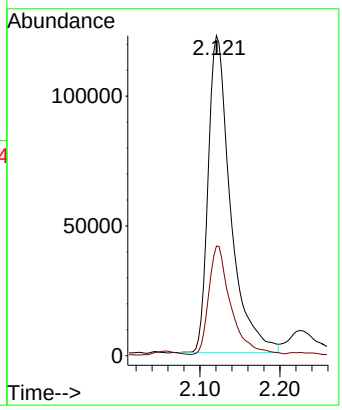


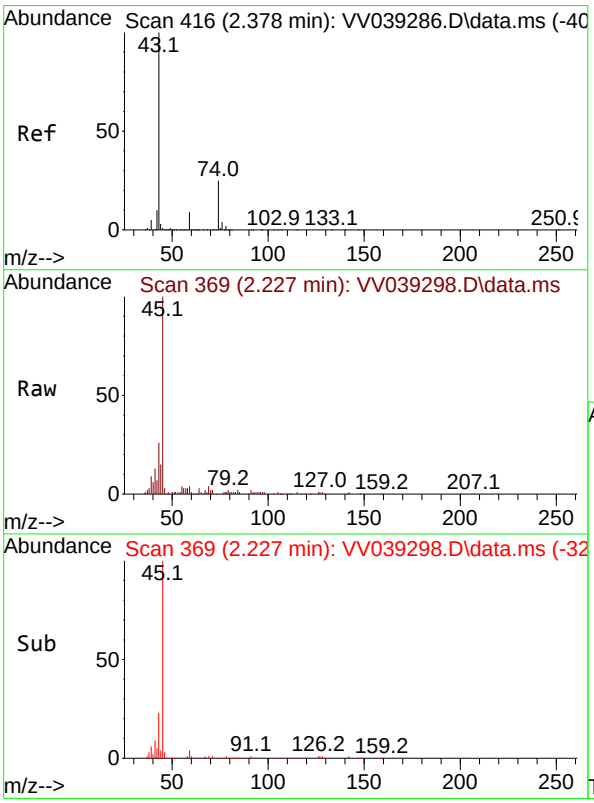
#16
Acetone
Concen: 24.281 ug/l
RT: 2.121 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV039298.D
Acq: 21 Oct 2025 12:23

Instrument :
MSVOA_V
ClientSampleId :
4160

Tgt Ion: 43 Resp: 237414

Ion	Ratio	Lower	Upper
43	100		
58	33.7	27.5	41.3

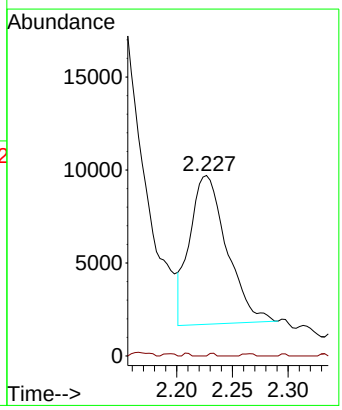


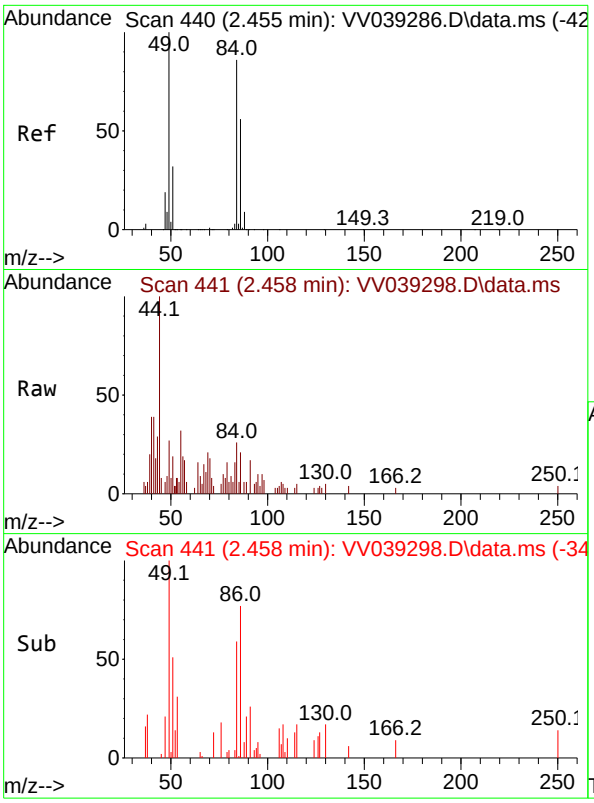


#18
Methyl Acetate
Concen: 0.939 ug/l
RT: 2.227 min Scan# 369
Delta R.T. -0.151 min
Lab File: VV039298.D
Acq: 21 Oct 2025 12:23

Tgt Ion: 43 Resp: 18515

Ion	Ratio	Lower	Upper
43	100		
74	0.3	19.5	29.3#



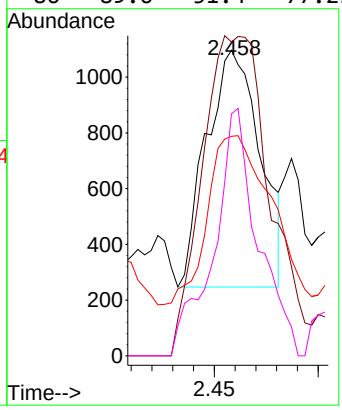


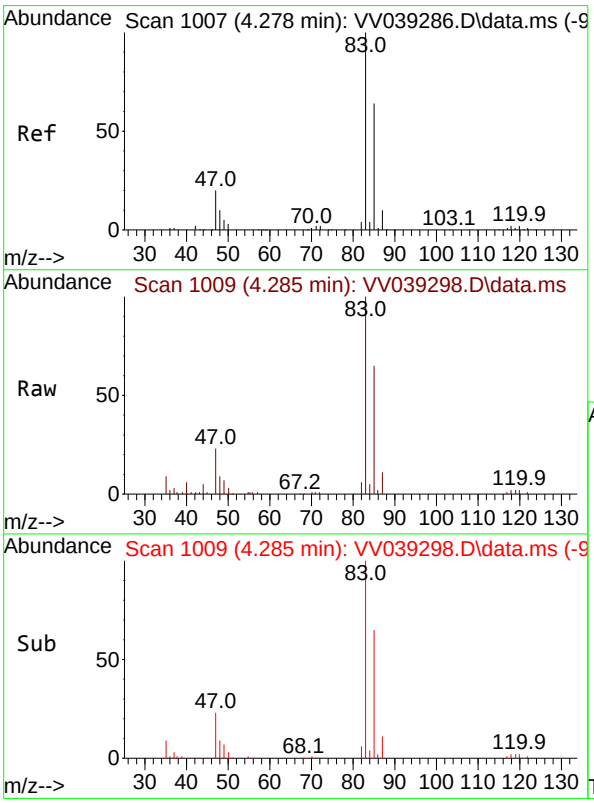
#20
Methylene Chloride
Concen: Below Cal
RT: 2.458 min Scan# 44
Delta R.T. 0.003 min
Lab File: VV039298.D
Acq: 21 Oct 2025 12:23

Instrument :
MSVOA_V
ClientSampleId :
4160

Tgt Ion: 84 Resp: 1529

Ion	Ratio	Lower	Upper
84	100		
49	116.9	92.6	139.0
51	64.5	29.6	44.4#
86	89.6	51.4	77.2#

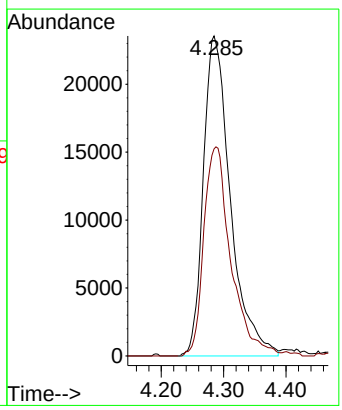


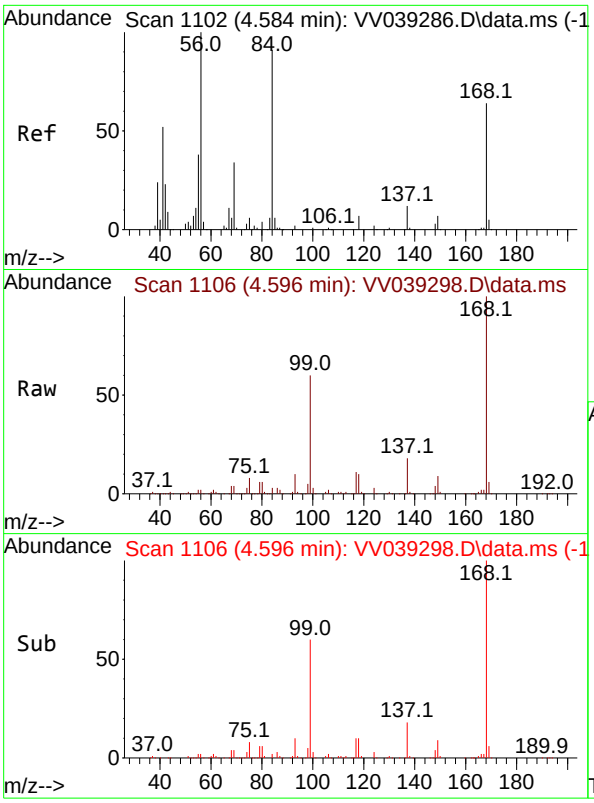


#30
Chloroform
Concen: 2.526 ug/l
RT: 4.285 min Scan# 1009
Delta R.T. 0.006 min
Lab File: VV039298.D
Acq: 21 Oct 2025 12:23

Tgt Ion: 83 Resp: 70942

Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.1	76.7



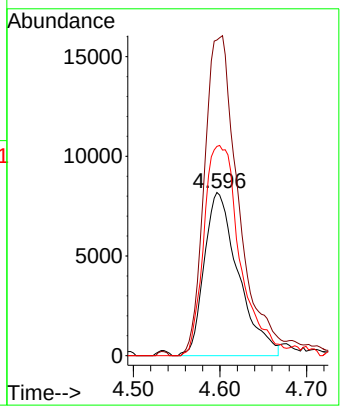


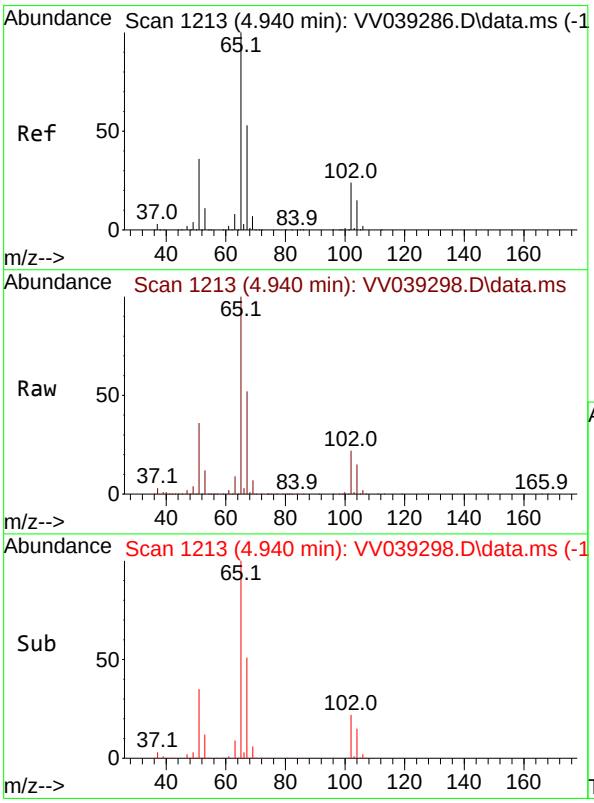
#31
Cyclohexane
Concen: 1.118 ug/l
RT: 4.596 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV039298.D
Acq: 21 Oct 2025 12:23

Instrument :
MSVOA_V
ClientSampleId :
4160

Tgt Ion: 56 Resp: 22430

Ion	Ratio	Lower	Upper
56	100		
69	193.3	27.4	41.0#
84	128.1	72.8	109.2#

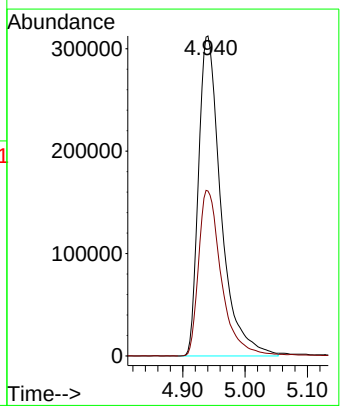


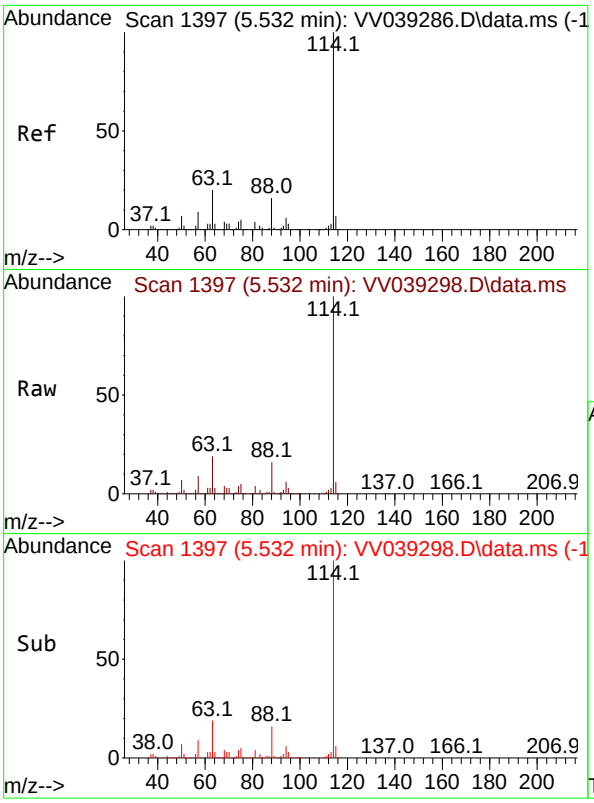


#33
1,2-Dichloroethane-d4
Concen: 51.255 ug/l
RT: 4.940 min Scan# 1213
Delta R.T. -0.000 min
Lab File: VV039298.D
Acq: 21 Oct 2025 12:23

Tgt Ion: 65 Resp: 780037

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	108.4



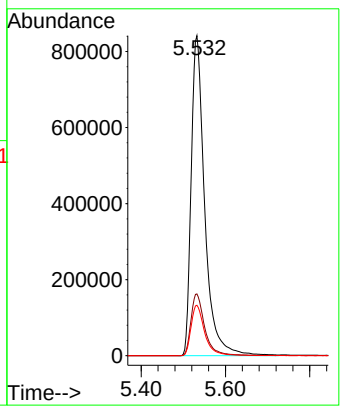


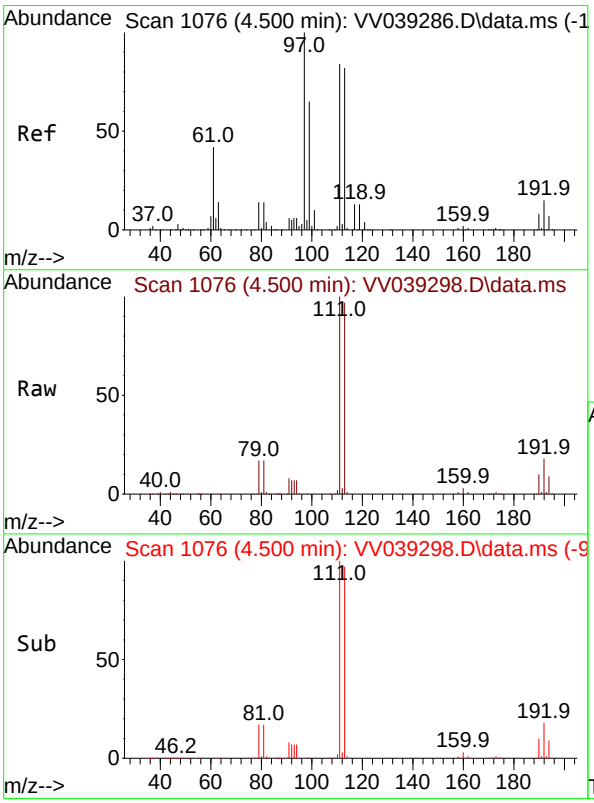
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV039298.D
Acq: 21 Oct 2025 12:23

Instrument :
MSVOA_V
ClientSampleId :
4160

Tgt Ion:114 Resp: 1875623

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	39.6
88	15.8	0.0	31.6

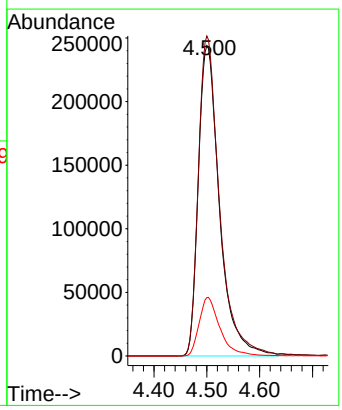


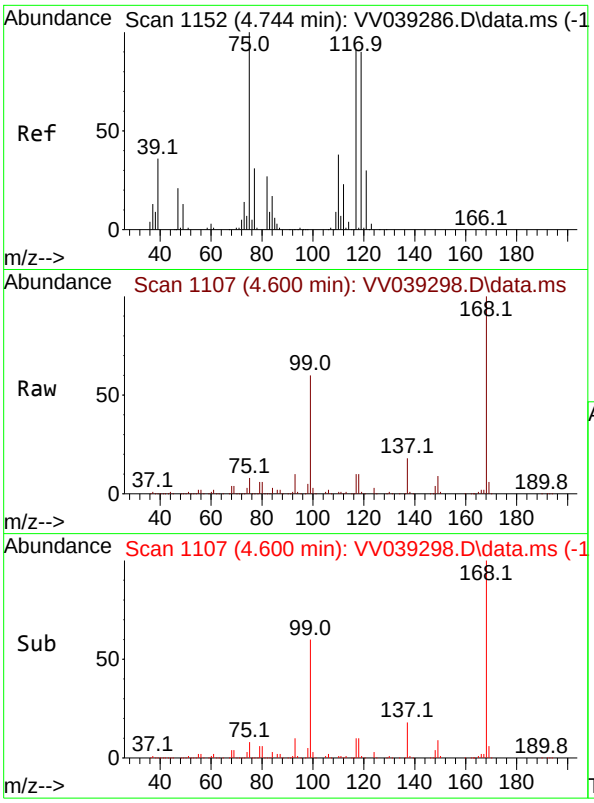


#35
Dibromofluoromethane
Concen: 45.876 ug/l
RT: 4.500 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VV039298.D
Acq: 21 Oct 2025 12:23

Tgt Ion:113 Resp: 677981

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.0	123.0
192	18.6	14.3	21.5



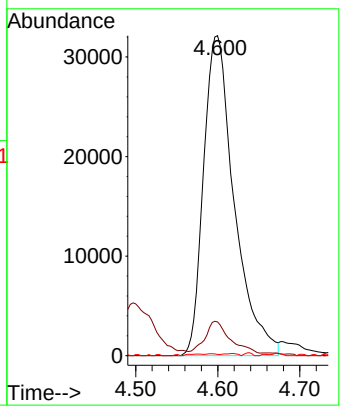


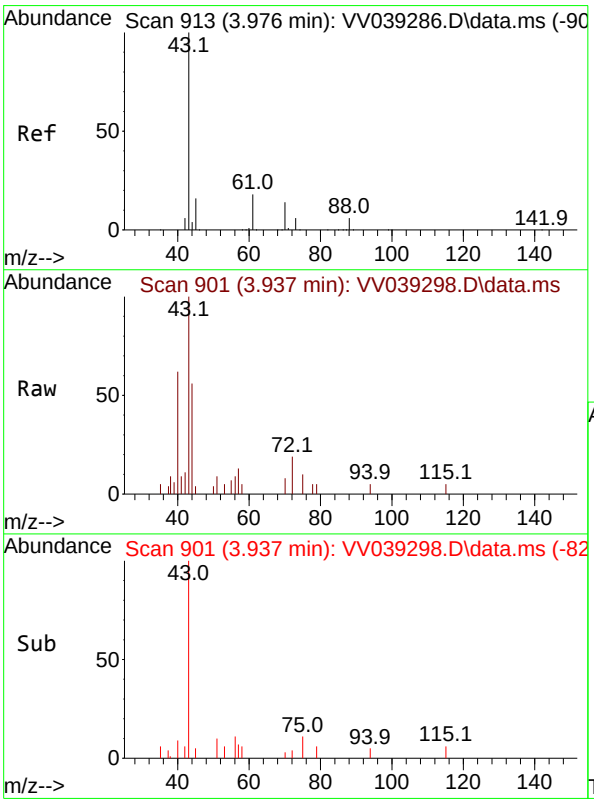
#36
1,1-Dichloropropene
Concen: 4.509 ug/l
RT: 4.600 min Scan# 11
Delta R.T. -0.145 min
Lab File: VV039298.D
Acq: 21 Oct 2025 12:23

Instrument :
MSVOA_V
ClientSampleId :
4160

Tgt Ion: 75 Resp: 83689

Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.9	56.7#
77	0.2	24.1	36.1#

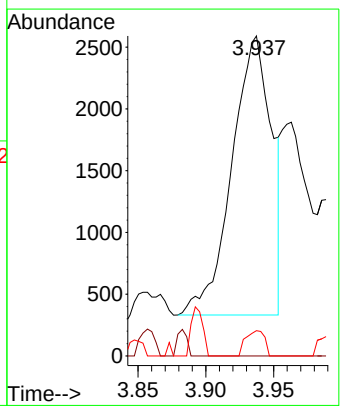


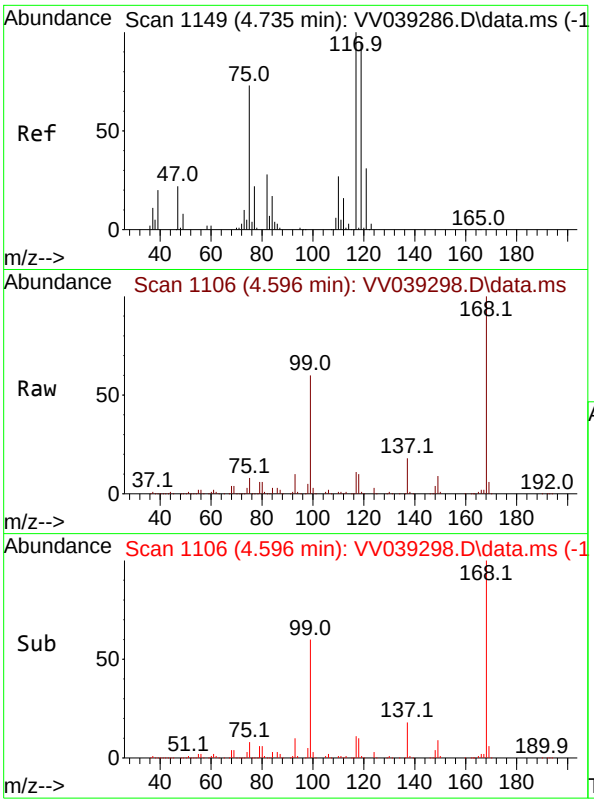


#37
Ethyl Acetate
Concen: 0.212 ug/l
RT: 3.937 min Scan# 901
Delta R.T. -0.039 min
Lab File: VV039298.D
Acq: 21 Oct 2025 12:23

Tgt Ion: 43 Resp: 4602

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.2#
70	4.3	9.0	13.4#



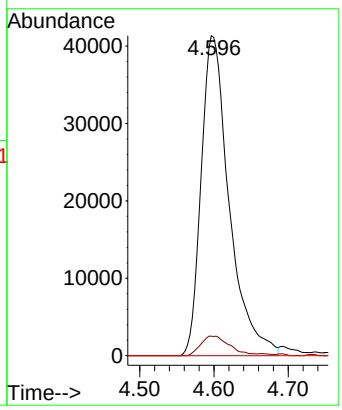


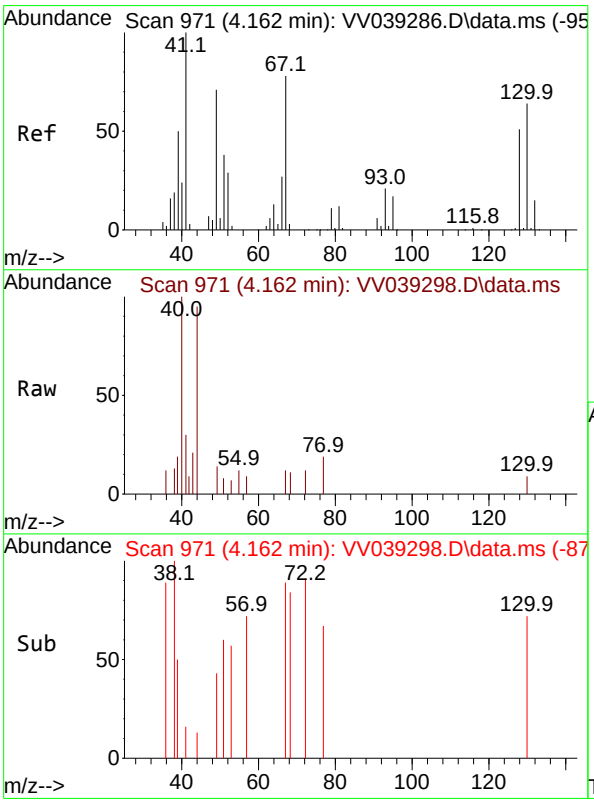
#38
Carbon Tetrachloride
Concen: 4.801 ug/l
RT: 4.596 min Scan# 11
Delta R.T. -0.138 min
Lab File: VV039298.D
Acq: 21 Oct 2025 12:23

Instrument :
MSVOA_V
ClientSampleId :
4160

Tgt Ion:117 Resp: 108569

Ion	Ratio	Lower	Upper
117	100		
119	6.1	75.9	113.9#
121	0.0	24.6	37.0#

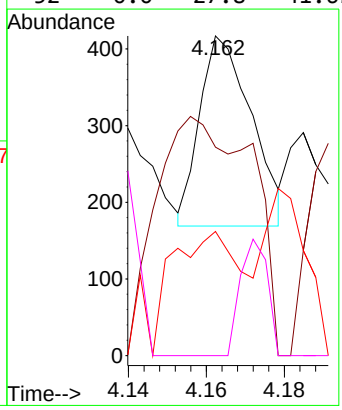


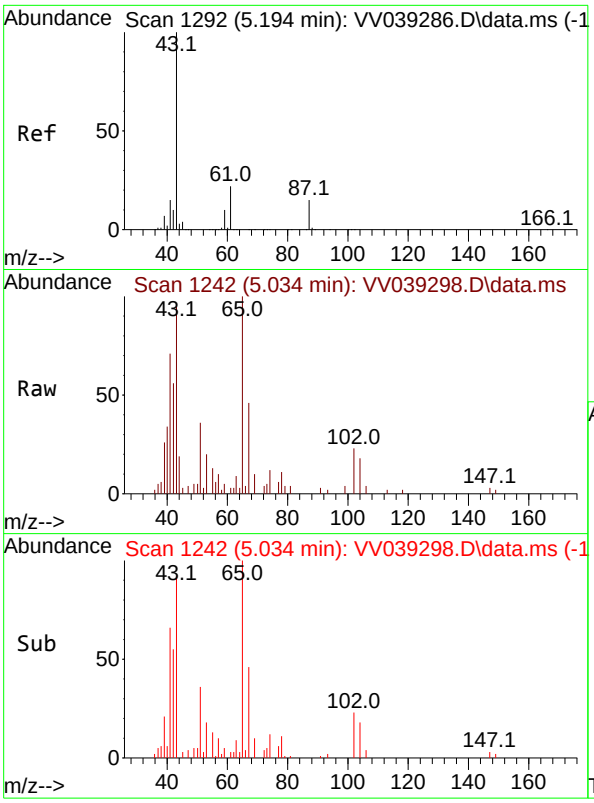


#41
Methacrylonitrile
Concen: 1.715 ug/l
RT: 4.162 min Scan# 971
Delta R.T. -0.000 min
Lab File: VV039298.D
Acq: 21 Oct 2025 12:23

Tgt Ion: 41 Resp: 228

Ion	Ratio	Lower	Upper
41	100		
39	232.0	40.9	61.3#
67	97.8	73.1	109.7
52	0.0	27.8	41.6#



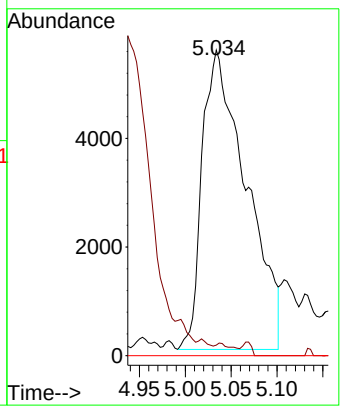


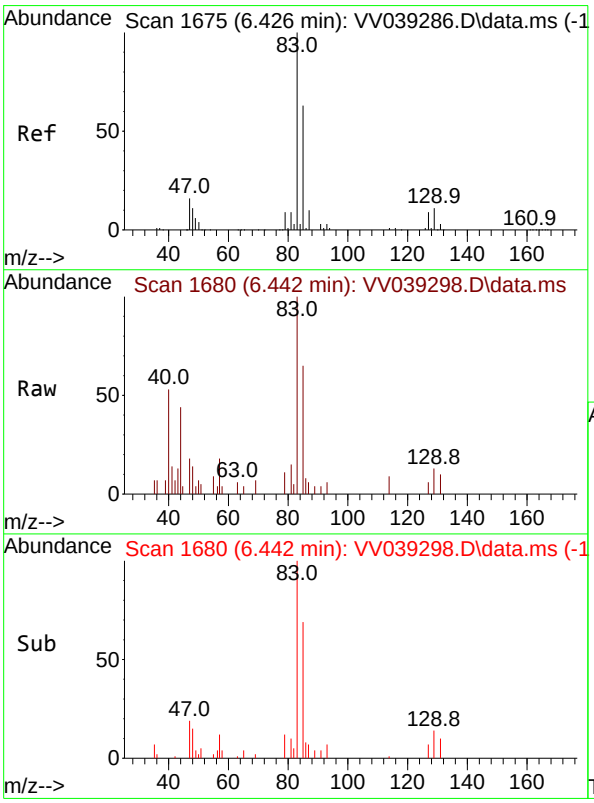
#43
Isopropyl Acetate
Concen: 0.647 ug/l
RT: 5.034 min Scan# 1
Delta R.T. -0.161 min
Lab File: VV039298.D
Acq: 21 Oct 2025 12:23

Instrument :
MSVOA_V
ClientSampleId :
4160

Tgt Ion: 43 Resp: 18419

Ion	Ratio	Lower	Upper
43	100		
61	0.0	17.1	25.7#
87	0.0	11.5	17.3#

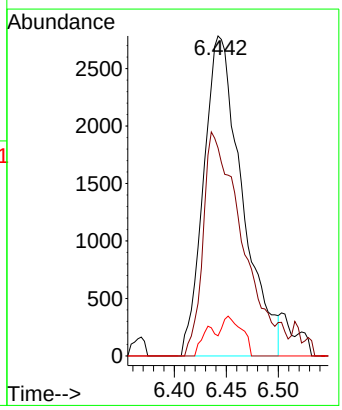


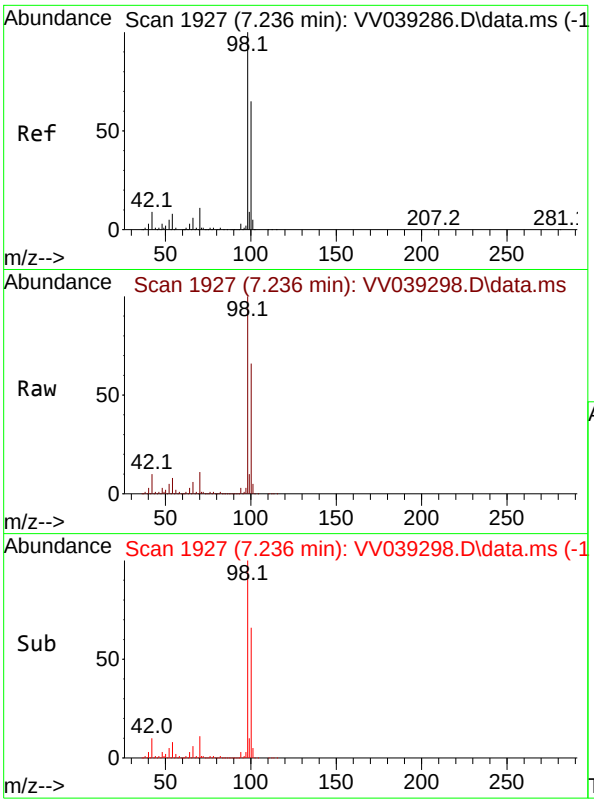


#47
Bromodichloromethane
Concen: 0.300 ug/l
RT: 6.442 min Scan# 1680
Delta R.T. 0.016 min
Lab File: VV039298.D
Acq: 21 Oct 2025 12:23

Tgt Ion: 83 Resp: 7159

Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.9	76.3
127	6.3	7.0	10.6#



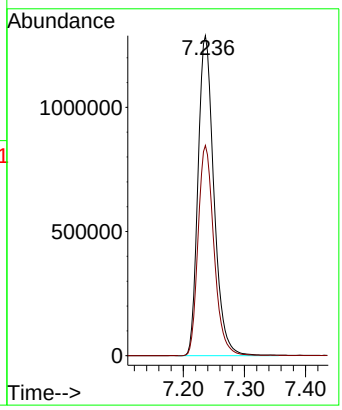


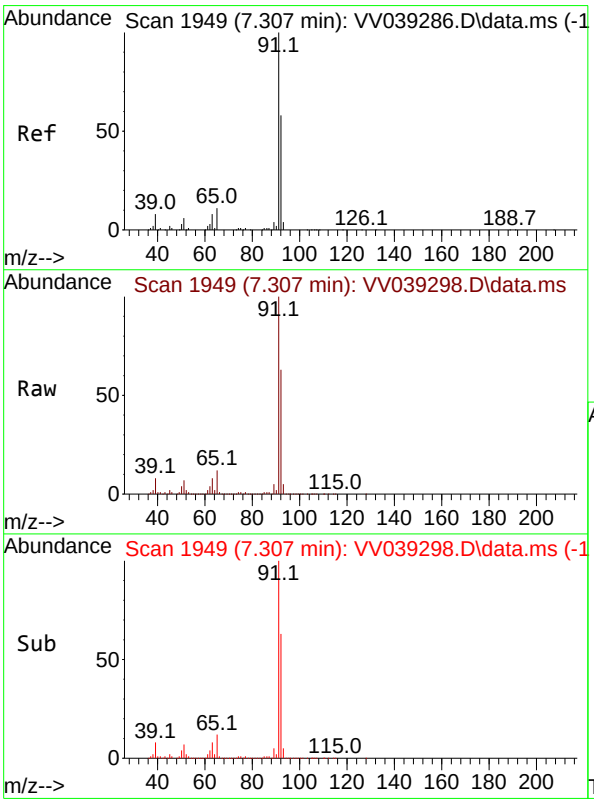
#50
Toluene-d8
Concen: 46.219 ug/l
RT: 7.236 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV039298.D
Acq: 21 Oct 2025 12:23

Instrument :
MSVOA_V
ClientSampleId :
4160

Tgt Ion: 98 Resp: 2323688

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.8	79.2

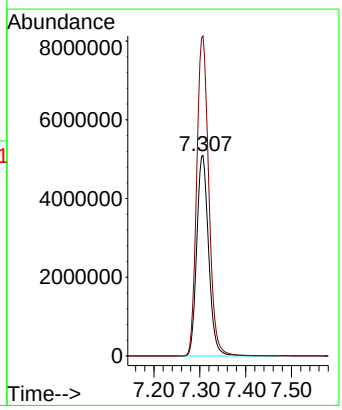


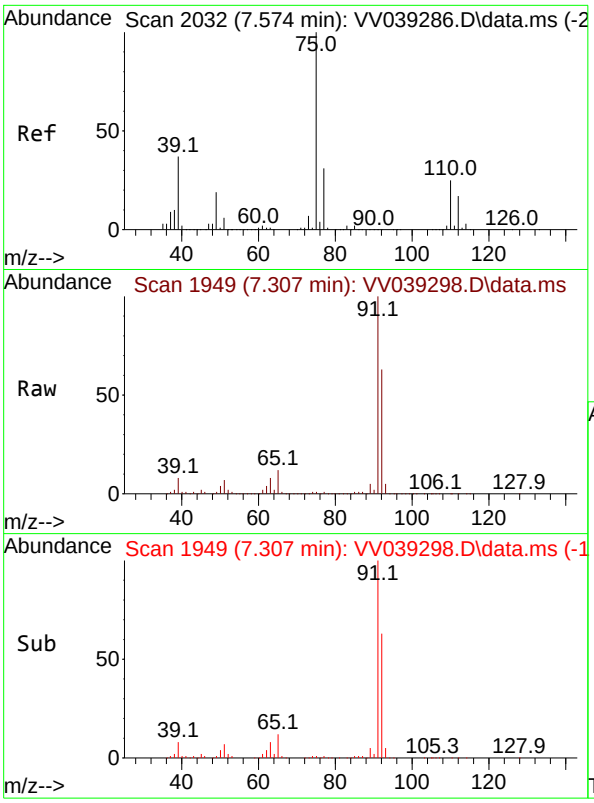


#52
Toluene
Concen: 254.088 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VV039298.D
Acq: 21 Oct 2025 12:23

Tgt Ion: 92 Resp: 9137892

Ion	Ratio	Lower	Upper
92	100		
91	162.8	137.3	205.9



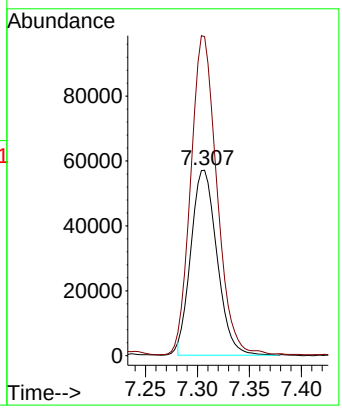


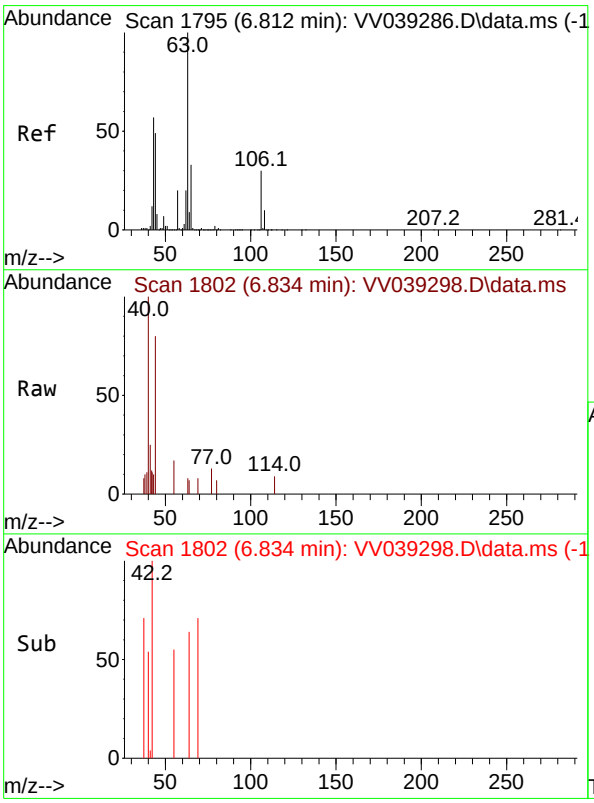
#53
t-1,3-Dichloropropene
Concen: 4.763 ug/l
RT: 7.307 min Scan# 1
Delta R.T. -0.267 min
Lab File: VV039298.D
Acq: 21 Oct 2025 12:23

Instrument :
MSVOA_V
ClientSampleId :
4160

Tgt Ion: 75 Resp: 99364

Ion	Ratio	Lower	Upper
75	100		
77	171.5	25.1	37.7#

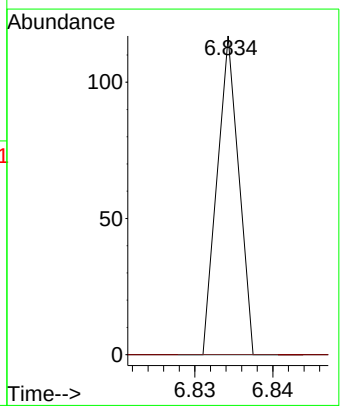


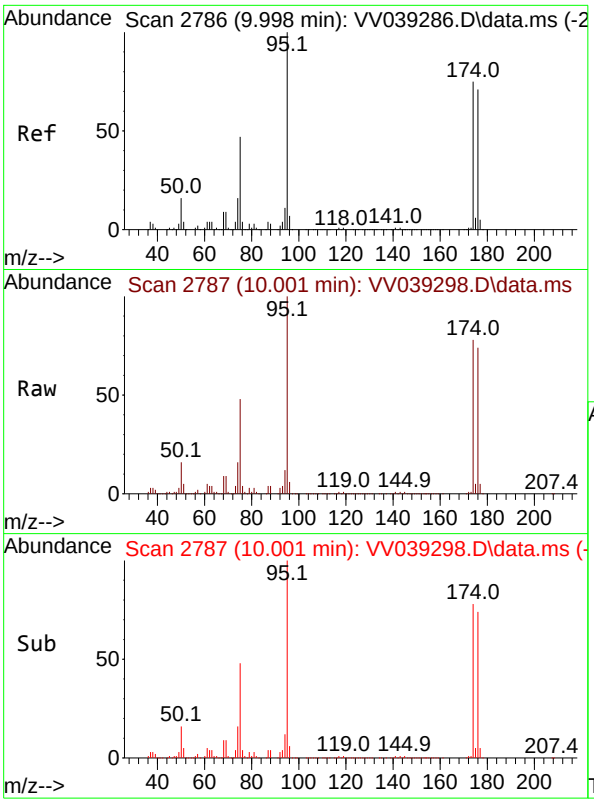


#58
2-Chloroethyl Vinyl ether
Concen: 8.470 ug/l
RT: 6.834 min Scan# 1802
Delta R.T. 0.022 min
Lab File: VV039298.D
Acq: 21 Oct 2025 12:23

Tgt Ion: 63 Resp: 23

Ion	Ratio	Lower	Upper
63	100		
106	0.0	23.5	35.3#



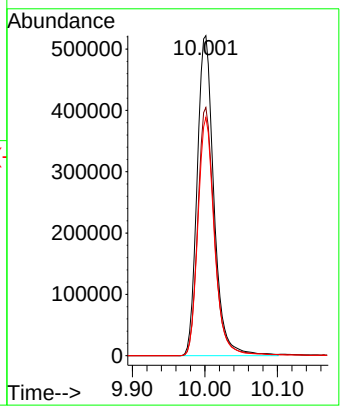


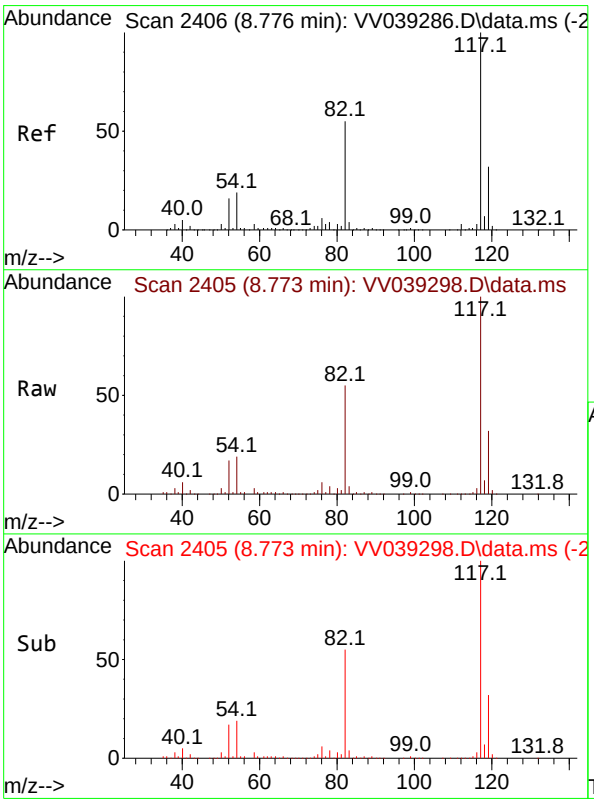
#62
4-Bromofluorobenzene
Concen: 46.814 ug/l
RT: 10.001 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV039298.D
Acq: 21 Oct 2025 12:23

Instrument :
MSVOA_V
ClientSampleId :
4160

Tgt Ion: 95 Resp: 838209

Ion	Ratio	Lower	Upper
95	100		
174	77.0	0.0	153.6
176	73.6	0.0	146.0

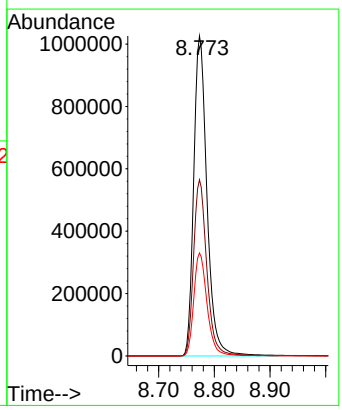


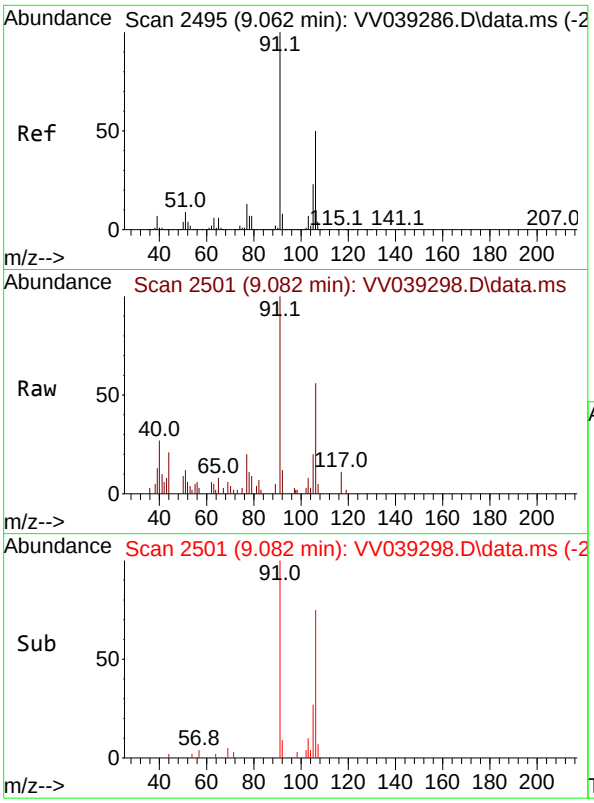


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. -0.003 min
Lab File: VV039298.D
Acq: 21 Oct 2025 12:23

Tgt Ion:117 Resp: 1700766

Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.8	65.8
119	32.2	25.8	38.6



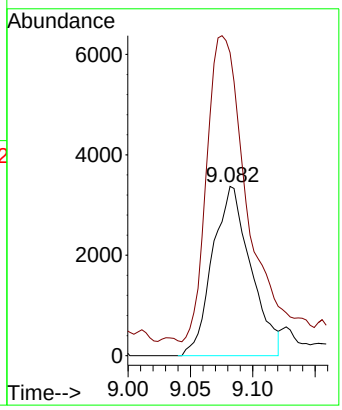


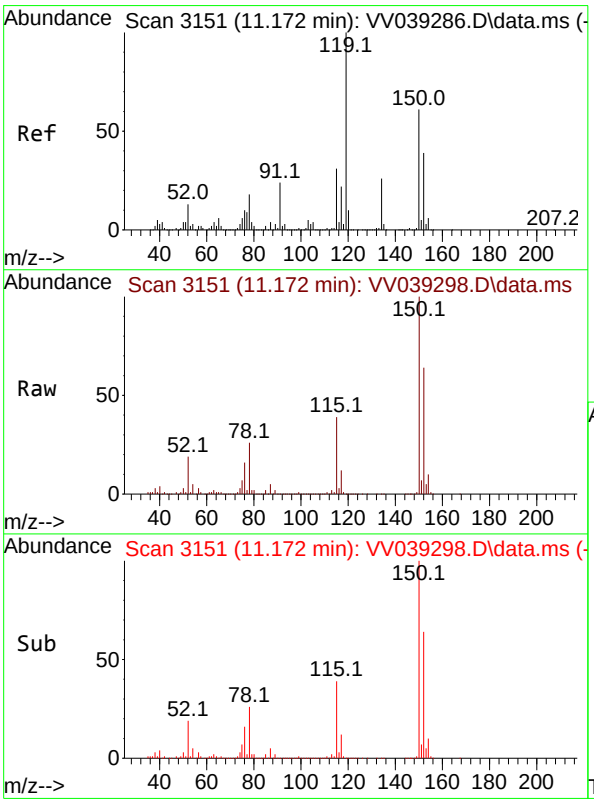
#68
m/p-Xylenes
Concen: 0.306 ug/l
RT: 9.082 min Scan# 2
Delta R.T. 0.019 min
Lab File: VV039298.D
Acq: 21 Oct 2025 12:23

Instrument :
MSVOA_V
ClientSampleId :
4160

Tgt Ion:106 Resp: 7194

Ion	Ratio	Lower	Upper
106	100		
91	194.6	160.2	240.2

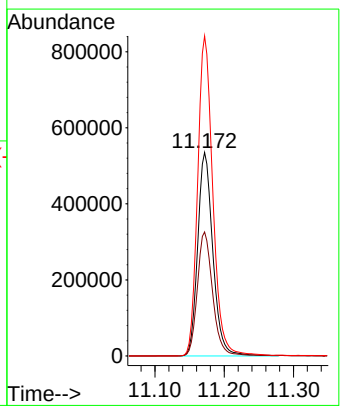


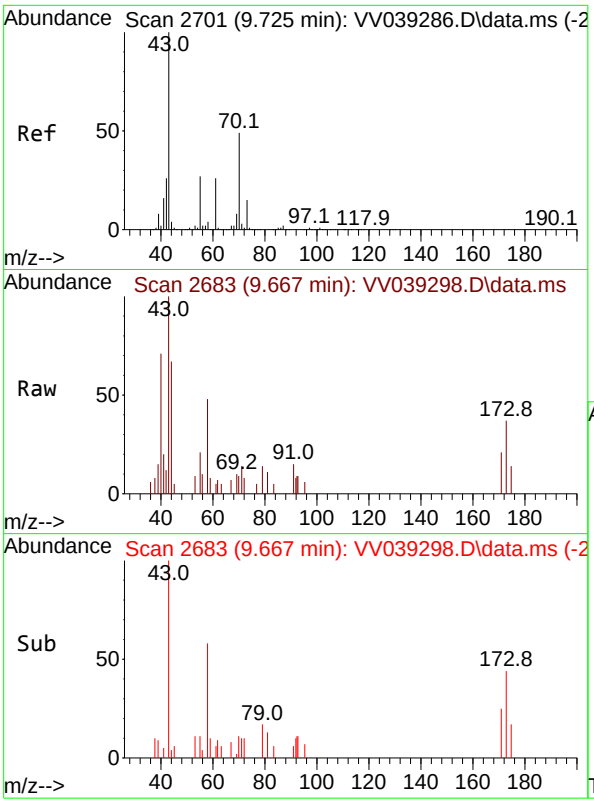


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV039298.D
Acq: 21 Oct 2025 12:23

Tgt Ion:152 Resp: 816630

Ion	Ratio	Lower	Upper
152	100		
115	61.1	42.3	126.8
150	157.0	0.0	348.0



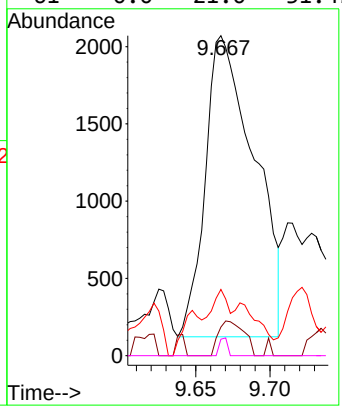


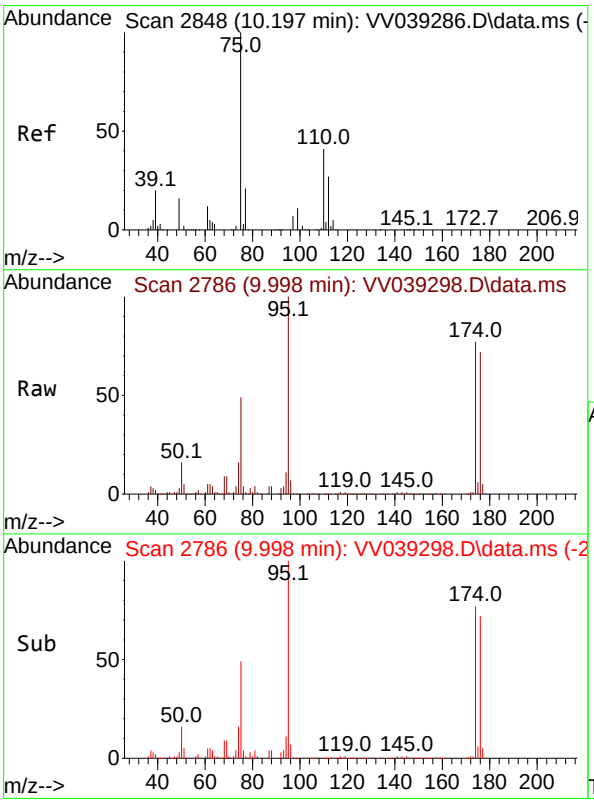
#74
N-amyl acetate
Concen: 0.218 ug/l
RT: 9.667 min Scan# 2
Delta R.T. -0.058 min
Lab File: VV039298.D
Acq: 21 Oct 2025 12:23

Instrument :
MSVOA_V
ClientSampleId :
4160

Tgt Ion: 43 Resp: 4461

Ion	Ratio	Lower	Upper
43	100		
70	6.0	38.6	58.0#
55	2.6	21.9	32.9#
61	0.0	21.0	31.4#

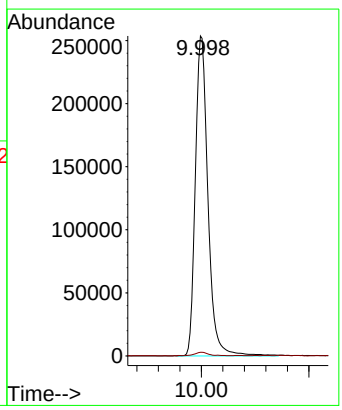


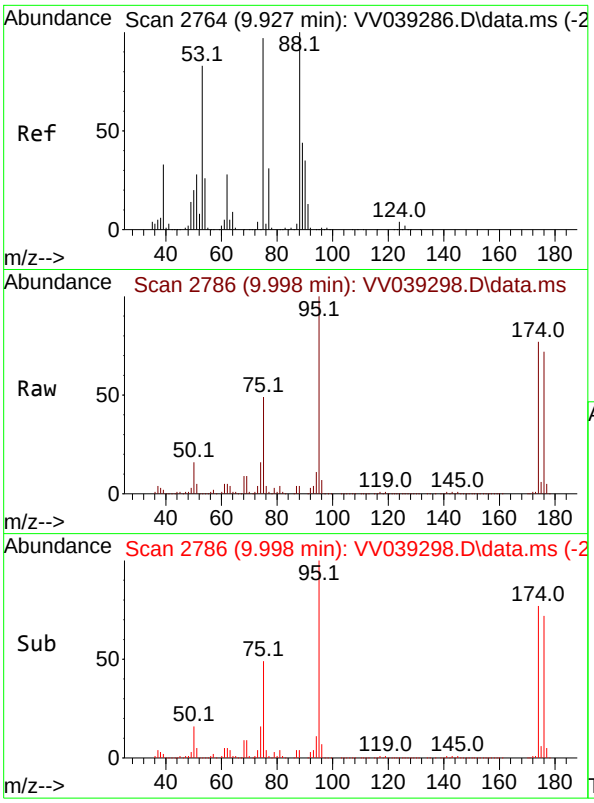


#76
1,2,3-Trichloropropane
Concen: 25.274 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. -0.199 min
Lab File: VV039298.D
Acq: 21 Oct 2025 12:23

Tgt Ion: 75 Resp: 411948

Ion	Ratio	Lower	Upper
75	100		
77	1.1	12.2	36.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 63.830 ug/l
RT: 9.998 min Scan# 2
Delta R.T. 0.071 min
Lab File: VV039298.D
Acq: 21 Oct 2025 12:23

Instrument :
MSVOA_V
ClientSampleId :
4160

Tgt Ion: 75 Resp: 411948

Ion	Ratio	Lower	Upper
75	100		
53	0.4	69.9	104.9#
89	0.0	37.4	56.0#