Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039340.D
Acq On : 05 Nov 2025 16:58
Operator : SY/MD
Sample : Q3552-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 06 00:18:14 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	602545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1106968	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1064655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	465301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	487765	56.970	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 113.940%			
35) Dibromofluoromethane	4.500	113	437090	50.113	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 100.220%			
50) Toluene-d8	7.236	98	1353951	45.630	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 91.260%			
62) 4-Bromofluorobenzene	9.998	95	444508	42.064	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 84.120%#			
Target Compounds						Qvalue
3) Chloromethane	1.204	50	123315	15.553	ug/l #	42
10) Methyl Iodide	2.208	142	1909	0.268	ug/l #	61
11) Tert butyl alcohol	2.564	59	1666	1.004	ug/l #	93
13) Acrolein	2.005	56	449	Below Cal	#	1
16) Acetone	2.127	43	13769	Below Cal		98
17) Carbon Disulfide	2.265	76	7475	0.326	ug/l #	85
20) Methylene Chloride	2.455	84	687	Below Cal	#	83
31) Cyclohexane	4.600	56	11385	1.009	ug/l #	1
36) 1,1-Dichloropropene	4.600	75	48797	4.454	ug/l #	49
38) Carbon Tetrachloride	4.597	117	64010	4.796	ug/l #	18
41) Methacrylonitrile	4.169	41	115	1.711	ug/l #	17
51) 4-Methyl-2-Pentanone	7.239	43	5131	0.440	ug/l #	1
58) 2-Chloroethyl Vinyl ether	6.744	63	65	8.477	ug/l	92
76) 1,2,3-Trichloropropane	9.998	75	216639	23.327	ug/l #	54
81) trans-1,4-Dichloro-2-b...	9.998	75	216639	58.913	ug/l #	14

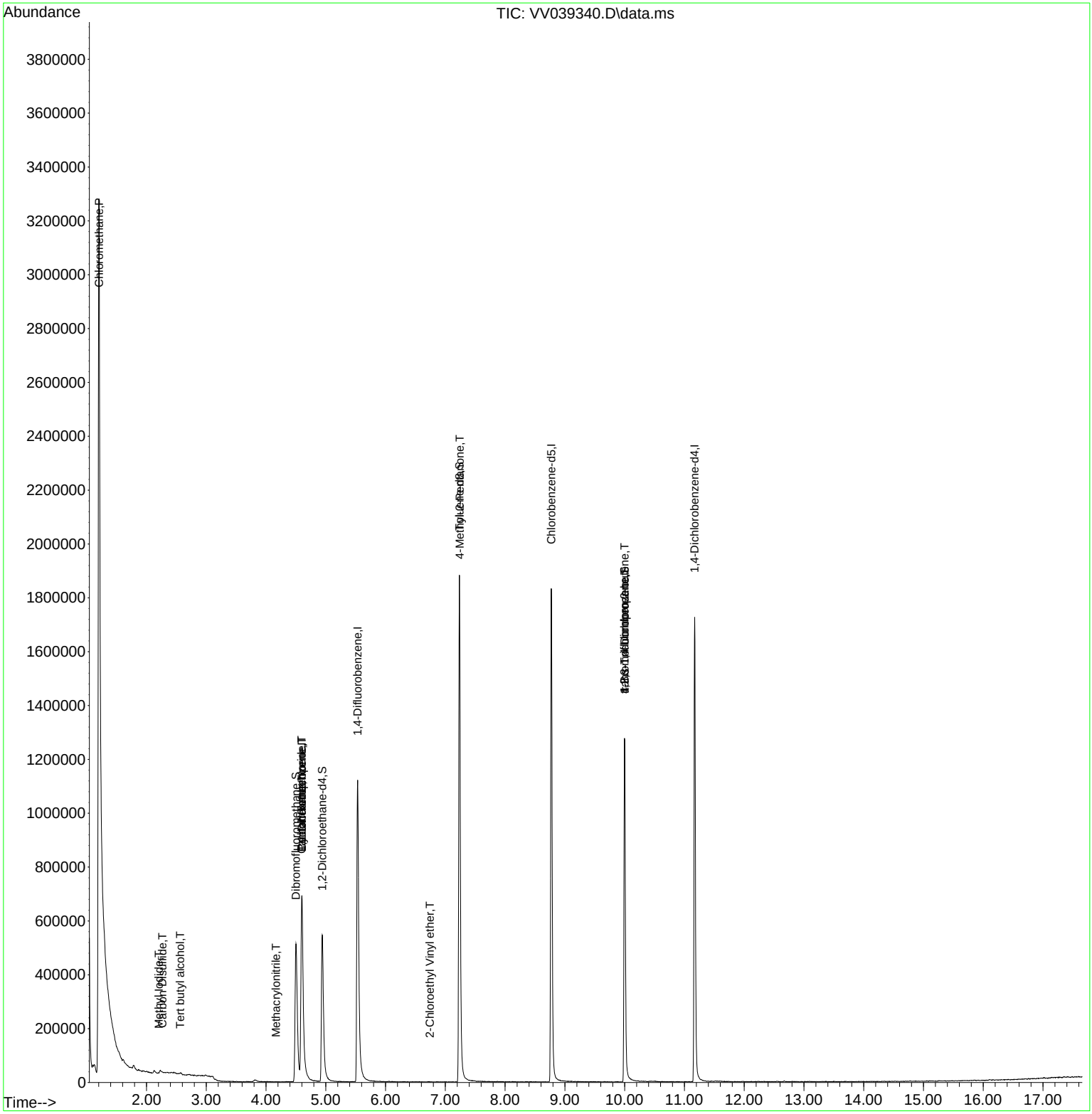
(#) = qualifier out of range (m) = manual integration (+) = signals summed

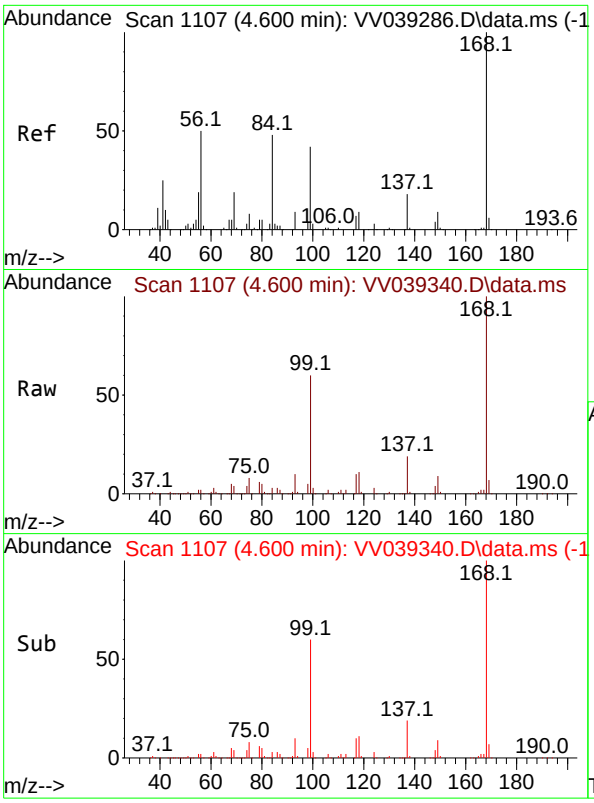
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039340.D
Acq On : 05 Nov 2025 16:58
Operator : SY/MD
Sample : Q3552-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 06 00:18:14 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



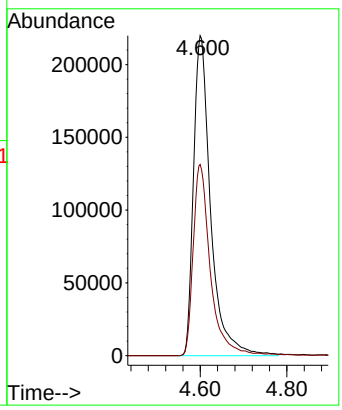


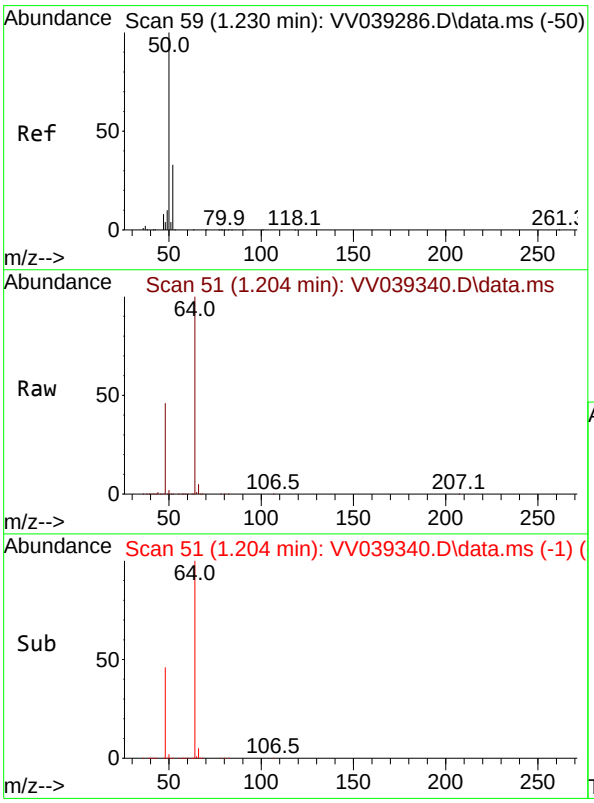
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:168 Resp: 602545

Ion	Ratio	Lower	Upper
168	100		
99	59.7	46.6	70.0

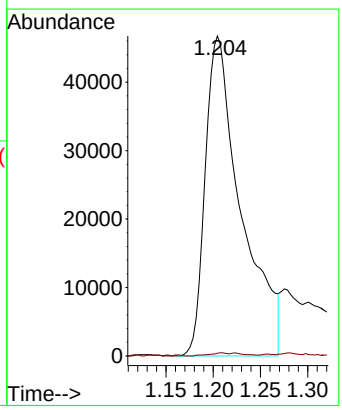


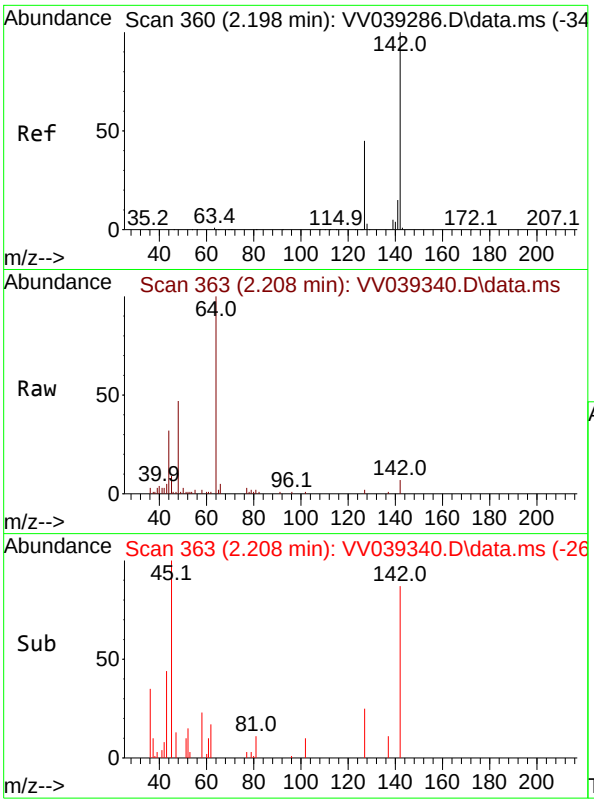


#3
Chloromethane
Concen: 15.553 ug/l
RT: 1.204 min Scan# 51
Delta R.T. -0.026 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

Tgt Ion: 50 Resp: 123315

Ion	Ratio	Lower	Upper
50	100		
52	0.5	26.6	39.8#



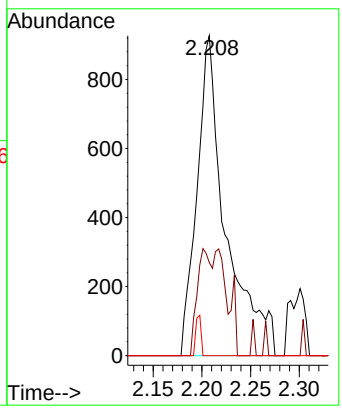


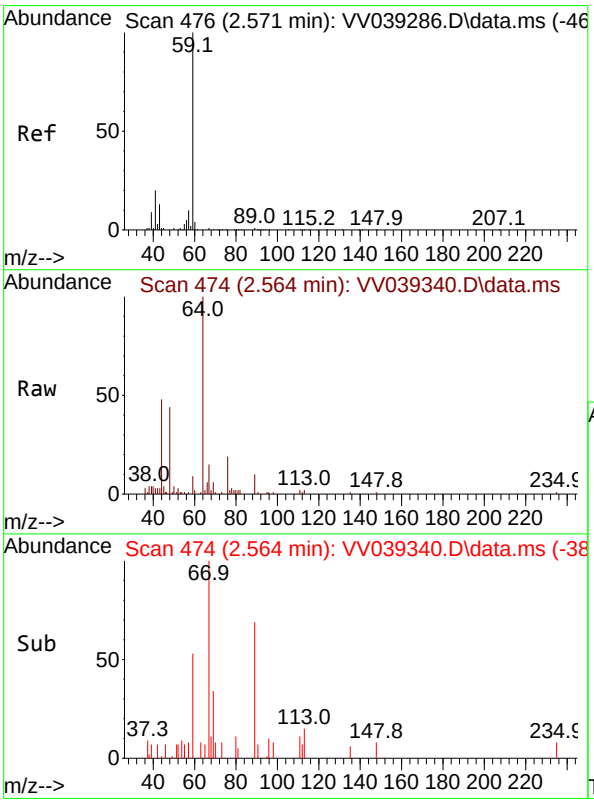
#10
Methyl Iodide
Concen: 0.268 ug/l
RT: 2.208 min Scan# 3
Delta R.T. 0.010 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:142 Resp: 1909

Ion	Ratio	Lower	Upper
142	100		
127	16.9	35.5	53.3#
141	2.3	11.5	17.3#

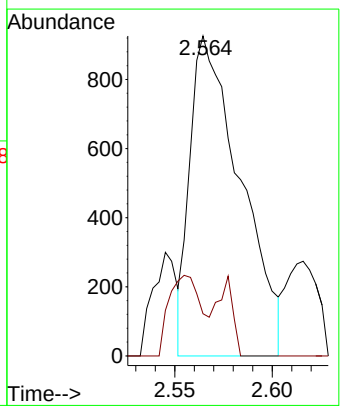


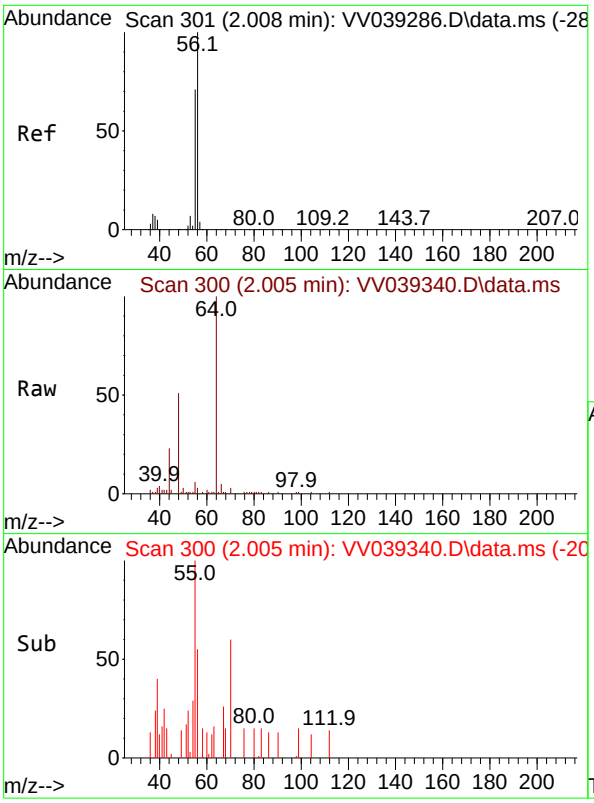


#11
Tert butyl alcohol
Concen: 1.004 ug/l
RT: 2.564 min Scan# 474
Delta R.T. -0.006 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

Tgt Ion: 59 Resp: 1666

Ion	Ratio	Lower	Upper
59	100		
57	7.6	8.1	12.1#



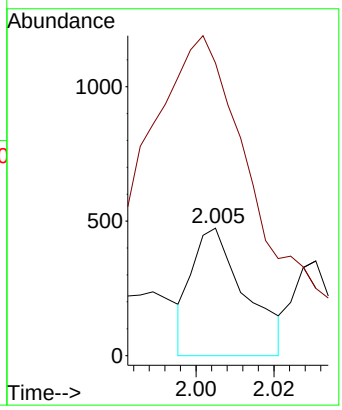


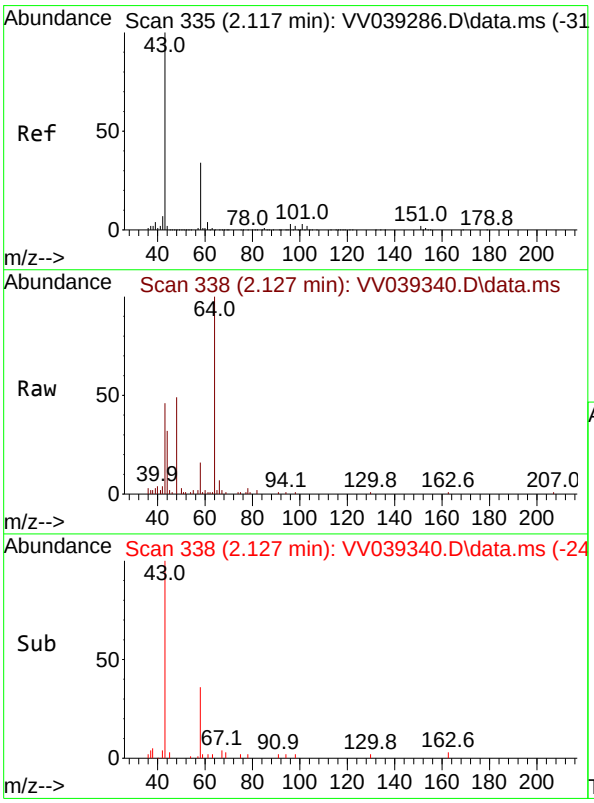
#13
Acrolein
Concen: Below Cal
RT: 2.005 min Scan# 3
Delta R.T. -0.003 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 56 Resp: 449

Ion	Ratio	Lower	Upper
56	100		
55	537.6	56.2	84.4#

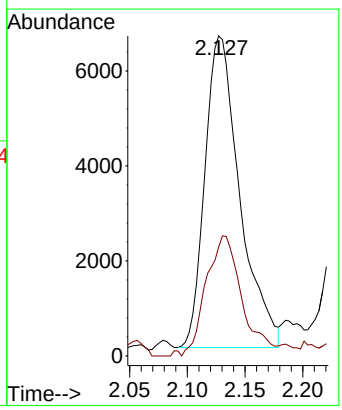


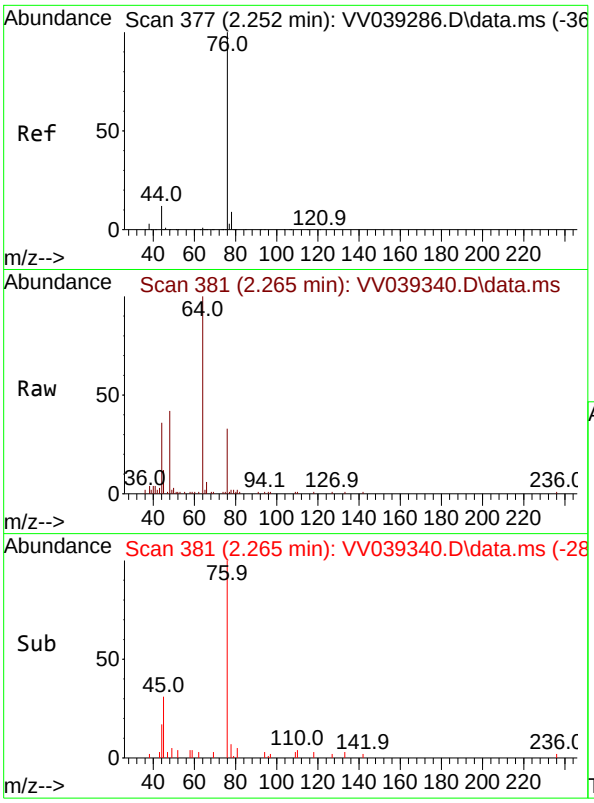


#16
Acetone
Concen: Below Cal
RT: 2.127 min Scan# 338
Delta R.T. 0.010 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

Tgt Ion: 43 Resp: 13769

Ion	Ratio	Lower	Upper
43	100		
58	33.4	27.5	41.3



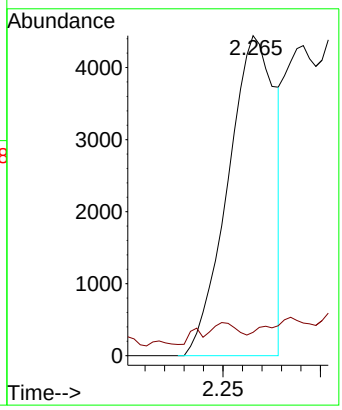


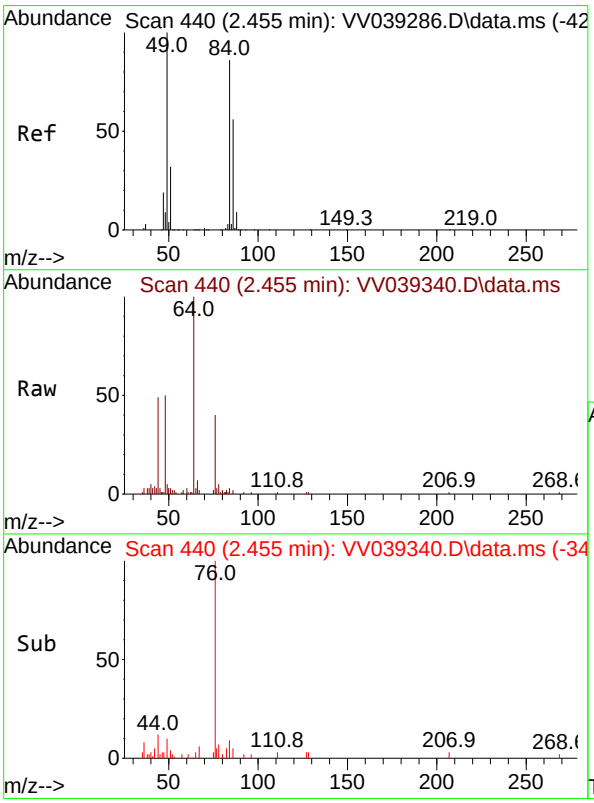
#17
Carbon Disulfide
Concen: 0.326 ug/l
RT: 2.265 min Scan# 3
Delta R.T. 0.013 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 76 Resp: 7475

Ion	Ratio	Lower	Upper
76	100		
78	3.8	7.4	11.0#

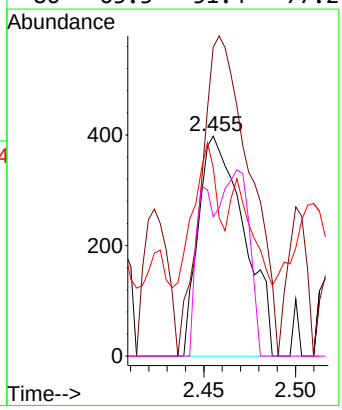


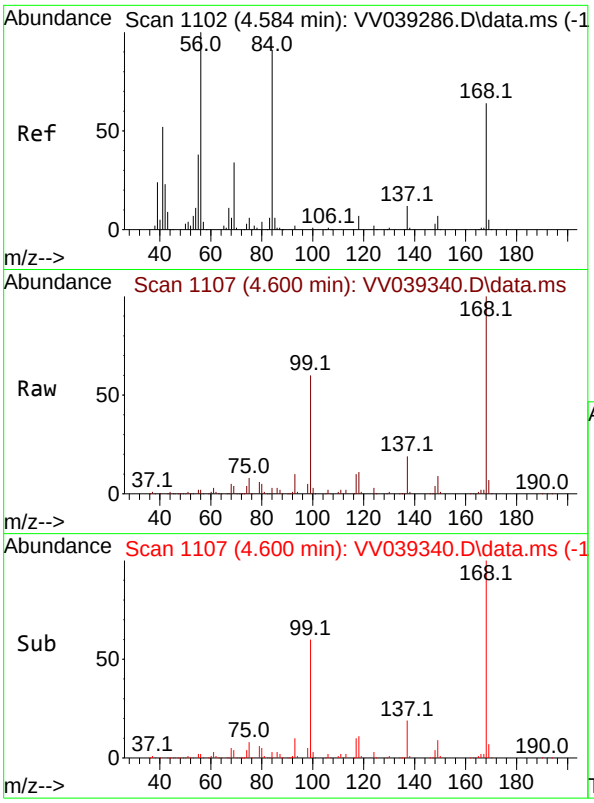


#20
Methylene Chloride
Concen: Below Cal
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

Tgt Ion: 84 Resp: 687

Ion	Ratio	Lower	Upper
84	100		
49	140.5	92.6	139.0#
51	52.3	29.6	44.4#
86	63.3	51.4	77.2



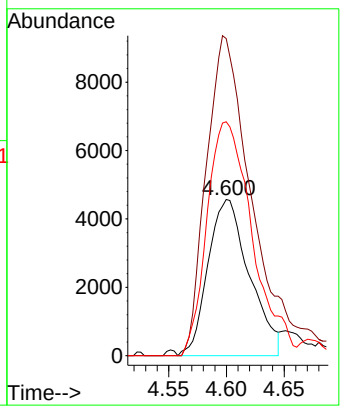


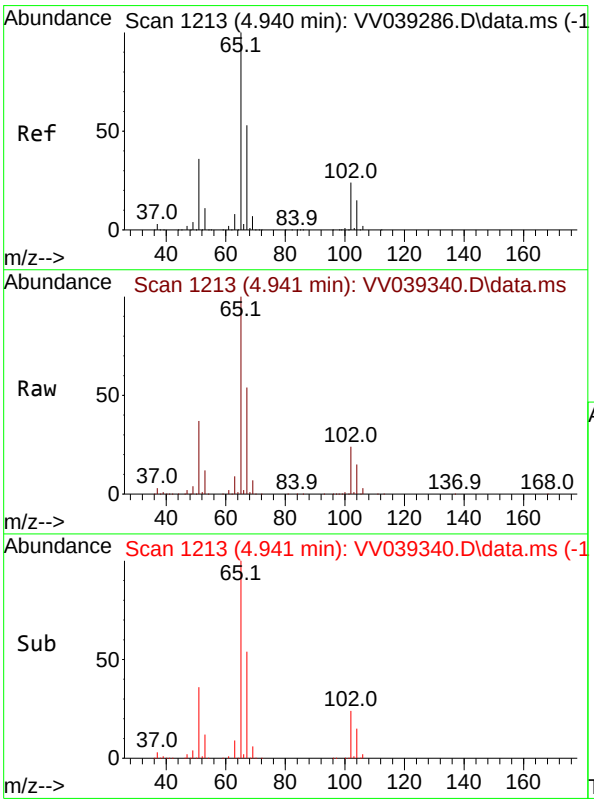
#31
Cyclohexane
Concen: 1.009 ug/l
RT: 4.600 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 56 Resp: 11385

Ion	Ratio	Lower	Upper
56	100		
69	203.0	27.4	41.0#
84	149.7	72.8	109.2#

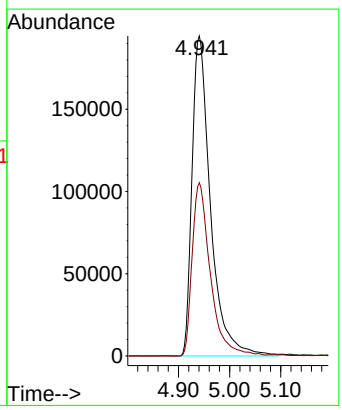


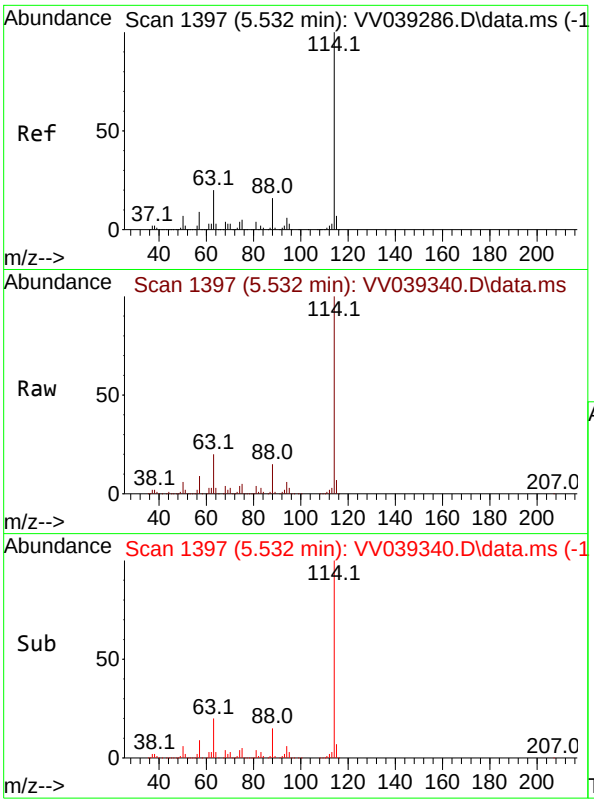


#33
1,2-Dichloroethane-d4
Concen: 56.970 ug/l
RT: 4.941 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

Tgt Ion: 65 Resp: 487765

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	108.4



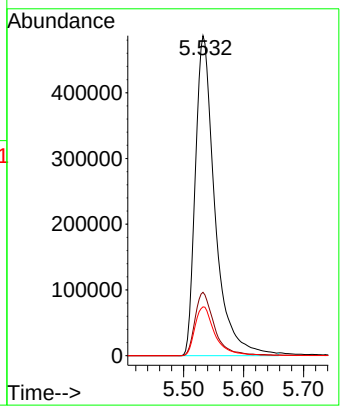


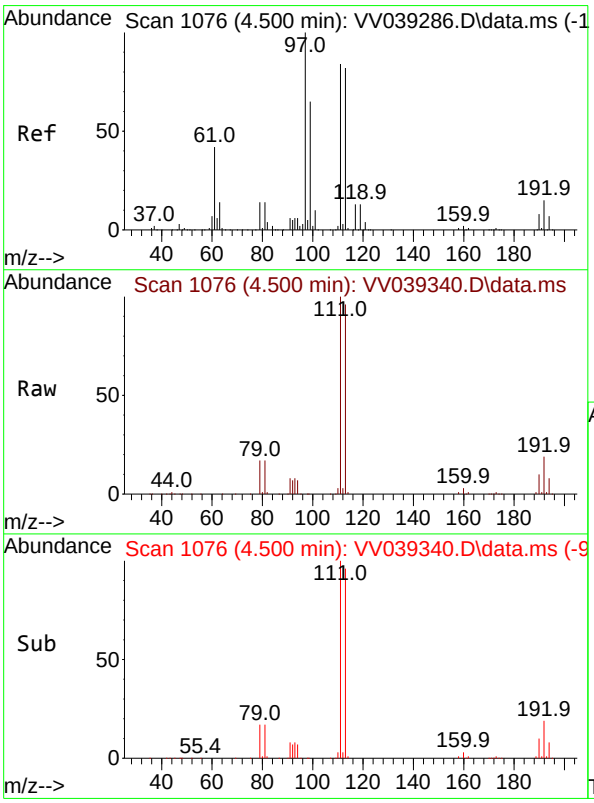
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:114 Resp: 1106968

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.6
88	15.3	0.0	31.6

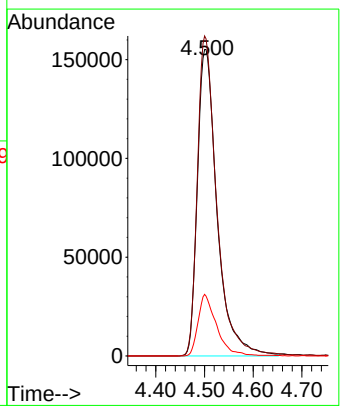


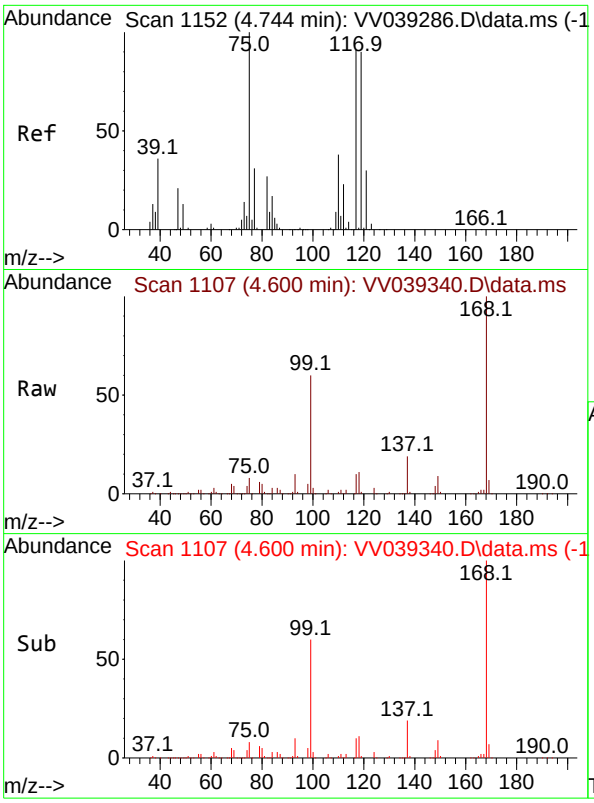


#35
Dibromofluoromethane
Concen: 50.113 ug/l
RT: 4.500 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

Tgt Ion:113 Resp: 437090

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.0	123.0
192	18.8	14.3	21.5



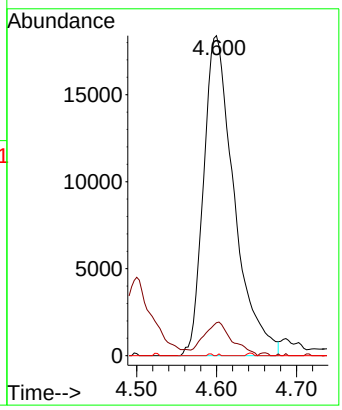


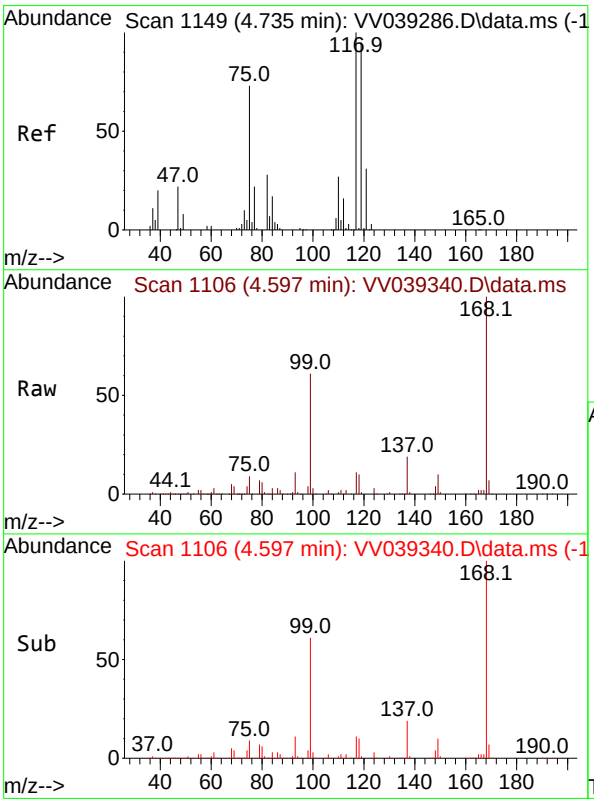
#36
1,1-Dichloropropene
Concen: 4.454 ug/l
RT: 4.600 min Scan# 11
Delta R.T. -0.145 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 48797

Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.9	56.7#
77	0.0	24.1	36.1#

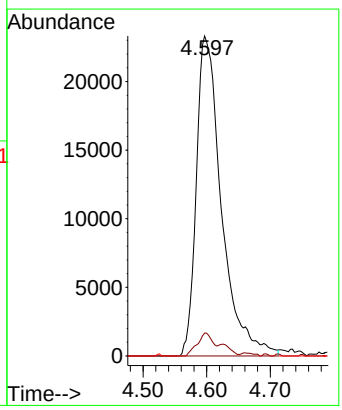


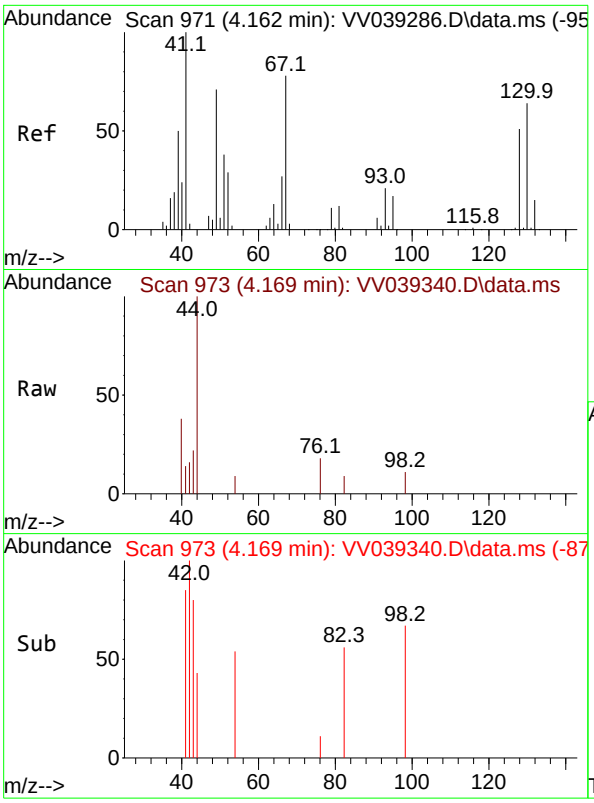


#38
Carbon Tetrachloride
Concen: 4.796 ug/l
RT: 4.597 min Scan# 1106
Delta R.T. -0.138 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

Tgt Ion:117 Resp: 64010

Ion	Ratio	Lower	Upper
117	100		
119	7.1	75.9	113.9#
121	0.0	24.6	37.0#



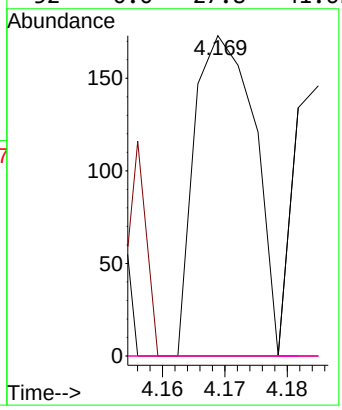


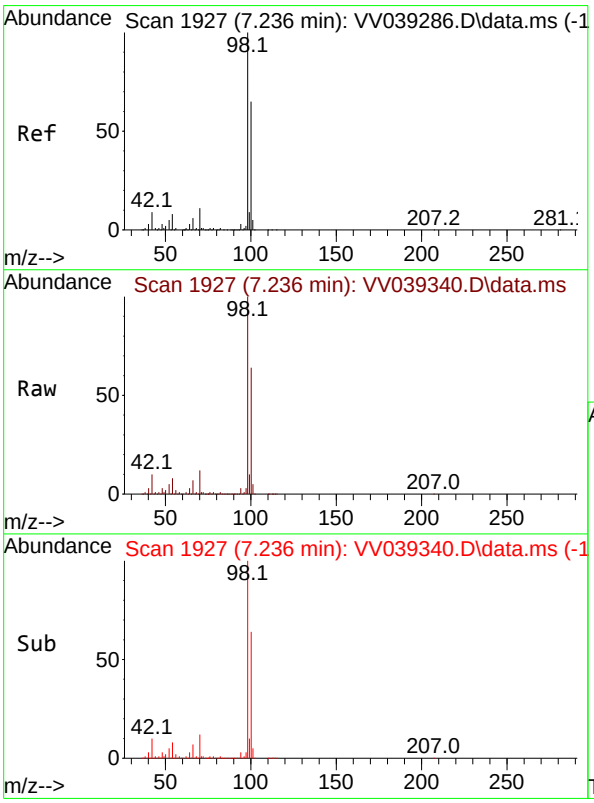
#41
Methacrylonitrile
Concen: 1.711 ug/l
RT: 4.169 min Scan# 9
Delta R.T. 0.007 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 41 Resp: 115

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

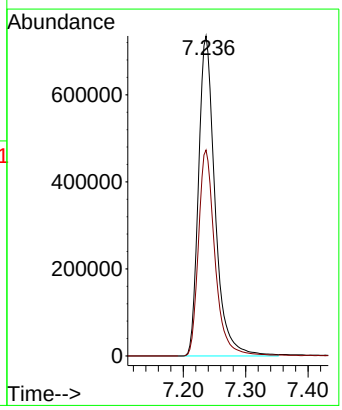


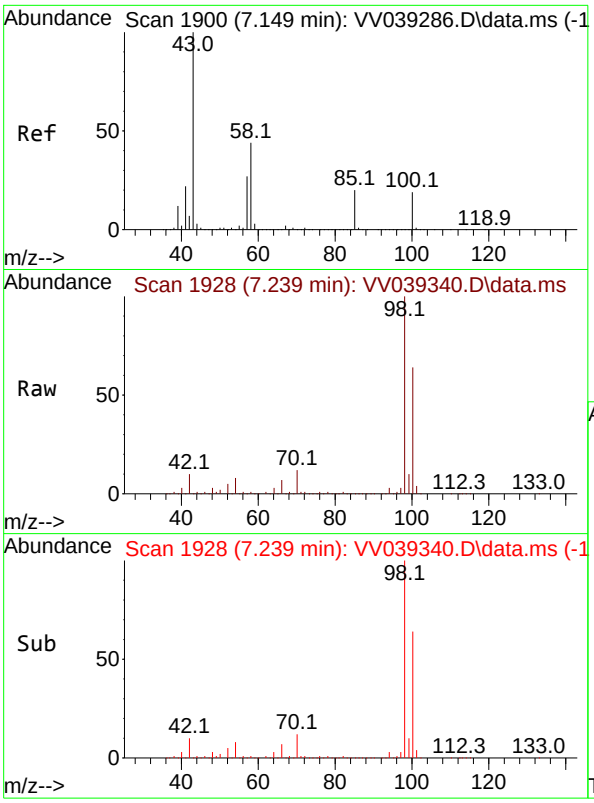


#50
Toluene-d8
Concen: 45.630 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

Tgt Ion: 98 Resp: 1353951

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.8	79.2



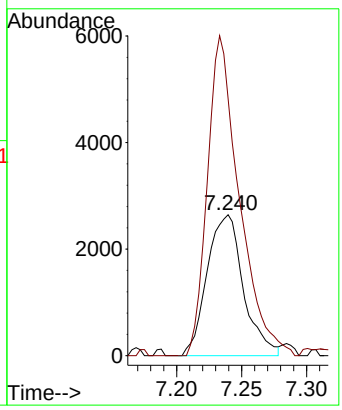


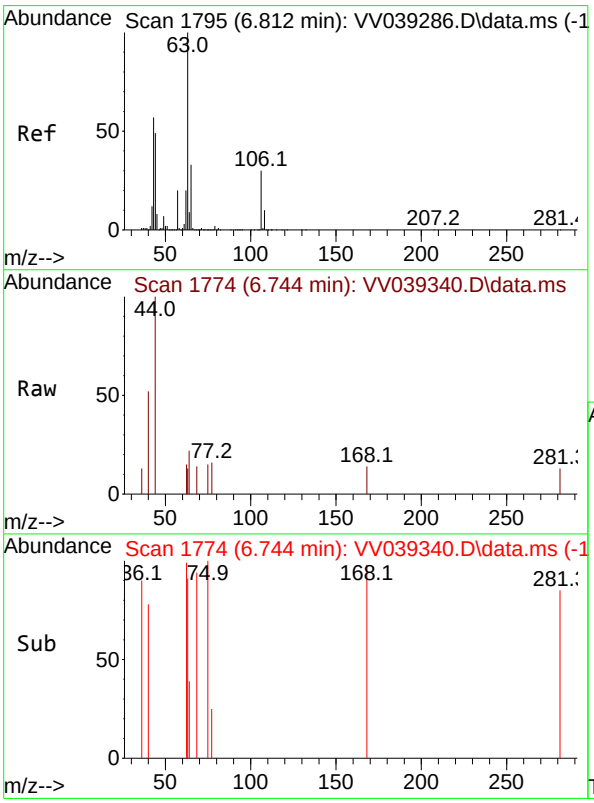
#51
4-Methyl-2-Pentanone
Concen: 0.440 ug/l
RT: 7.239 min Scan# 1
Delta R.T. 0.090 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 5131

Ion	Ratio	Lower	Upper
43	100		
58	200.1	34.2	51.4#

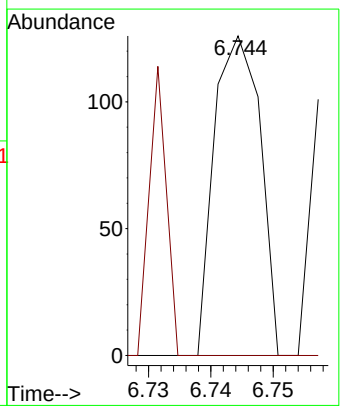


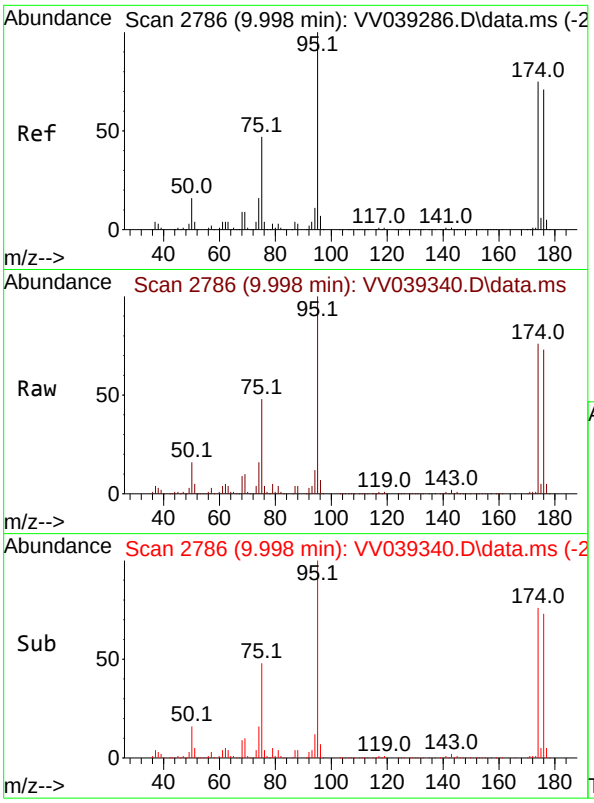


#58
2-Chloroethyl Vinyl ether
Concen: 8.477 ug/l
RT: 6.744 min Scan# 1774
Delta R.T. -0.067 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

Tgt Ion: 63 Resp: 65

Ion	Ratio	Lower	Upper
63	100		
106	33.8	23.5	35.3



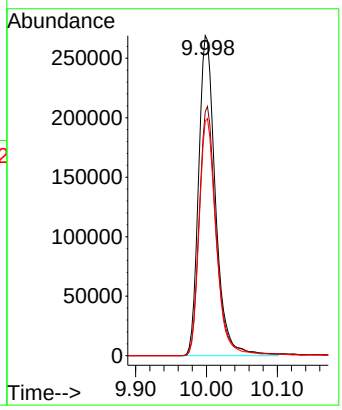


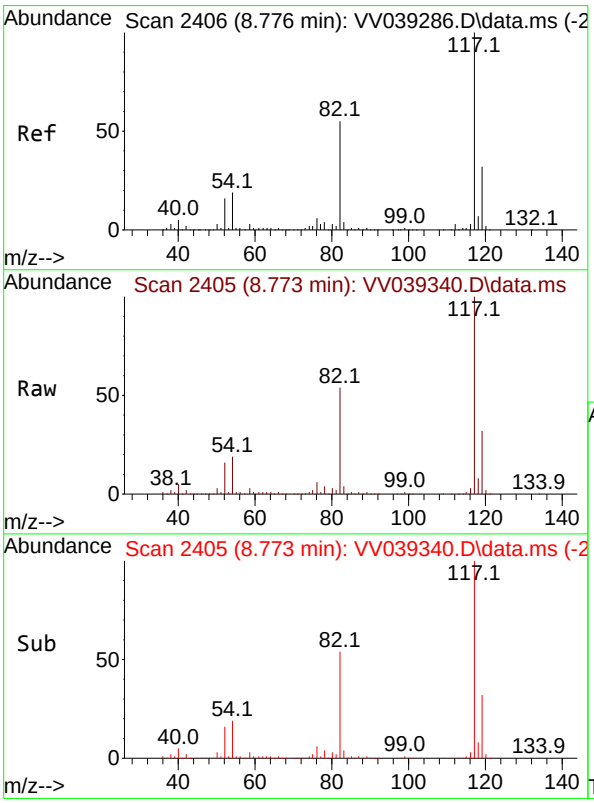
#62
4-Bromofluorobenzene
Concen: 42.064 ug/l
RT: 9.998 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 444508

Ion	Ratio	Lower	Upper
95	100		
174	78.6	0.0	153.6
176	74.3	0.0	146.0

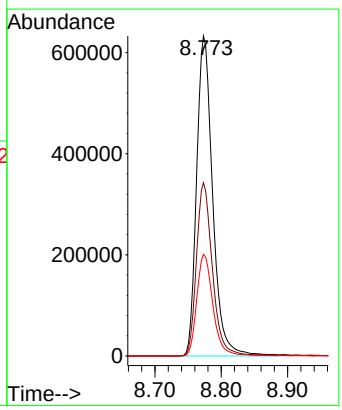


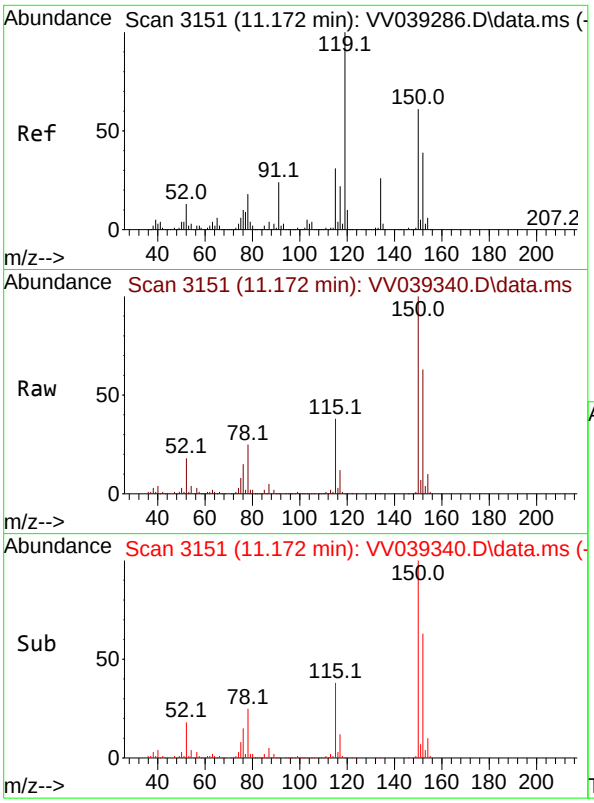


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. -0.003 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

Tgt Ion:117 Resp: 1064655

Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.8	65.8
119	31.7	25.8	38.6



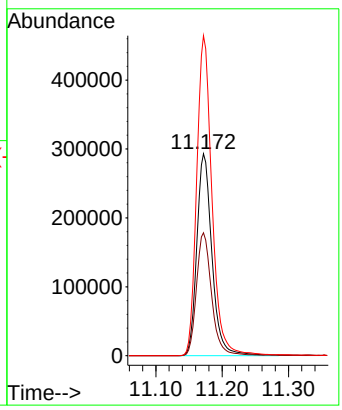


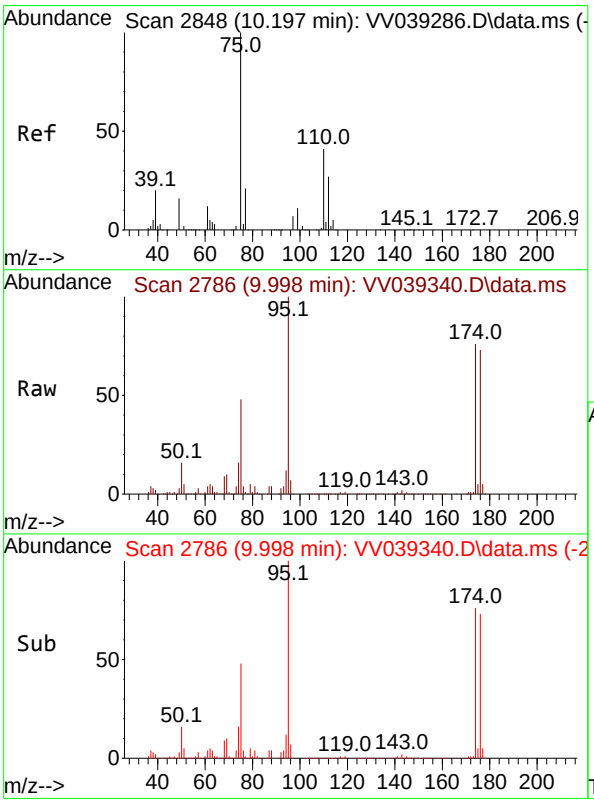
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:152 Resp: 465301

Ion	Ratio	Lower	Upper
152	100		
115	60.8	42.3	126.8
150	159.2	0.0	348.0

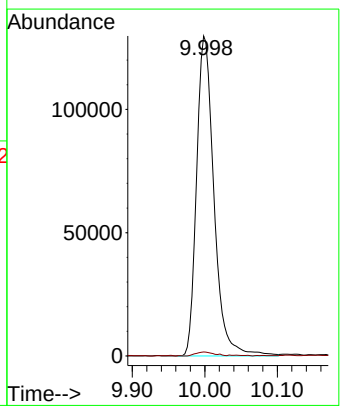


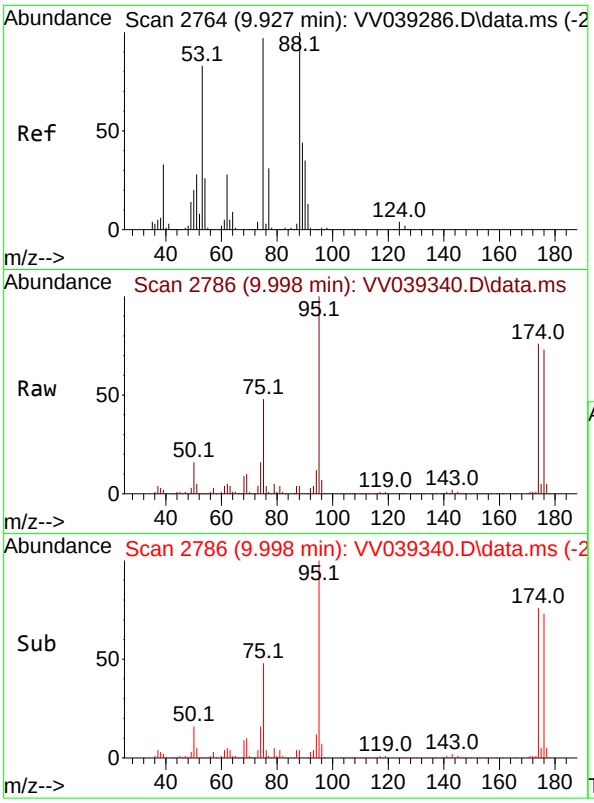


#76
1,2,3-Trichloropropane
Concen: 23.327 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. -0.199 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

Tgt Ion: 75 Resp: 216639

Ion	Ratio	Lower	Upper
75	100		
77	1.3	12.2	36.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 58.913 ug/l
RT: 9.998 min Scan# 2
Delta R.T. 0.071 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 216639

Ion	Ratio	Lower	Upper
75	100		
53	0.2	69.9	104.9#
89	0.0	37.4	56.0#