Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
Data File : VV039267.D
Acq On : 06 Oct 2025 12:35
Operator : SY/MD
Sample : VV1006WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VV1006WBL01

Quant Time: Oct 07 03:31:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	463806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	783914	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	804136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	428242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	340870	50.780	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 101.560%			
35) Dibromofluoromethane	4.503	113	339151	53.816	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 107.640%			
50) Toluene-d8	7.239	98	796316	43.023	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 86.040%#			
62) 4-Bromofluorobenzene	10.001	95	368553	48.368	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 96.740%			
Target Compounds						Qvalue
5) Bromomethane	1.516	94	2053	0.386	ug/l #	27
6) Chloroethane	1.677	64	1923	Below Cal	#	51
10) Methyl Iodide	2.201	142	2613	0.377	ug/l #	88
11) Tert butyl alcohol	2.564	59	647	0.456	ug/l #	73
13) Acrolein	2.008	56	151	0.613	ug/l #	1
15) Acrylonitrile	2.680	53	1627	0.358	ug/l #	46
16) Acetone	2.137	43	1004	Below Cal	#	86
17) Carbon Disulfide	2.262	76	12742	0.596	ug/l #	94
20) Methylene Chloride	2.458	84	3589	Below Cal		89
31) Cyclohexane	4.596	56	10221	0.854	ug/l #	1
36) 1,1-Dichloropropene	4.596	75	38547	4.046	ug/l #	46
38) Carbon Tetrachloride	4.600	117	47338	4.065	ug/l #	17
41) Methacrylonitrile	4.156	41	100	1.929	ug/l #	27
49) 1,4-Dioxane	6.294	88	47	0.408	ug/l #	11
58) 2-Chloroethyl Vinyl ether	6.805	63	72	9.636	ug/l #	47
59) 2-Hexanone	8.146	43	120	2.340	ug/l	92
70) Styrene	9.574	104	127	1.566	ug/l #	37
76) 1,2,3-Trichloropropane	10.001	75	182693	18.737	ug/l #	56
81) trans-1,4-Dichloro-2-b...	10.001	75	182693	44.982	ug/l #	13
92) 1,2-Dibromo-3-Chloropr...	12.336	75	67	Below Cal	#	5

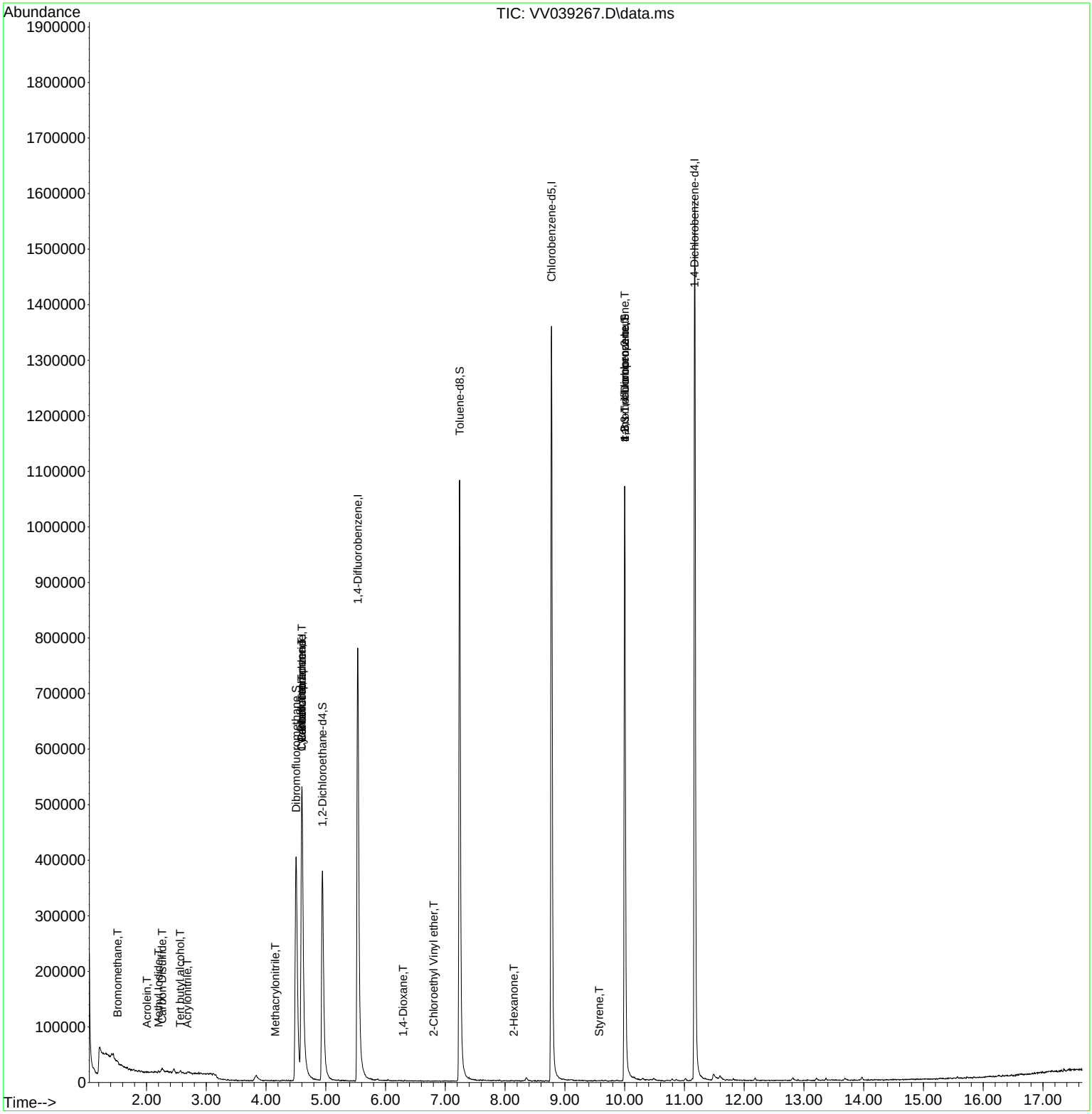
(#) = qualifier out of range (m) = manual integration (+) = signals summed

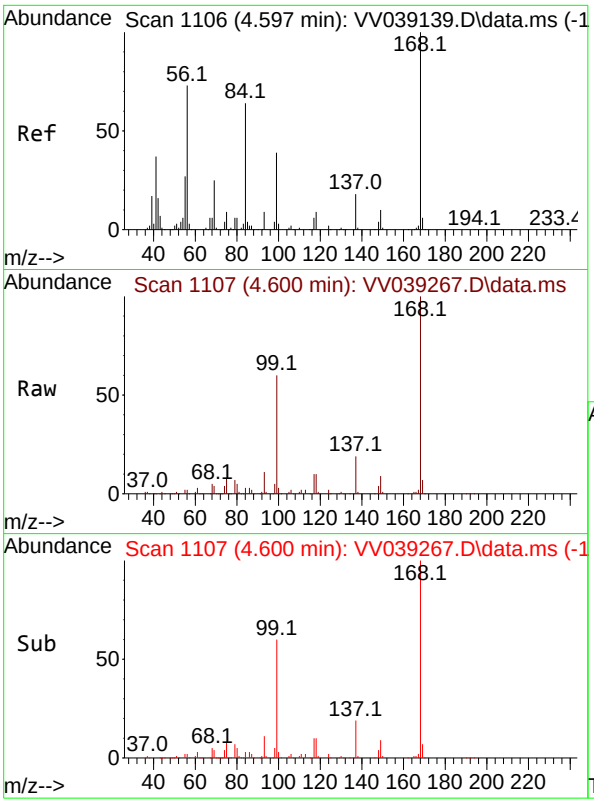
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
Data File : VV039267.D
Acq On : 06 Oct 2025 12:35
Operator : SY/MD
Sample : VV1006WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBL01

Quant Time: Oct 07 03:31:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration



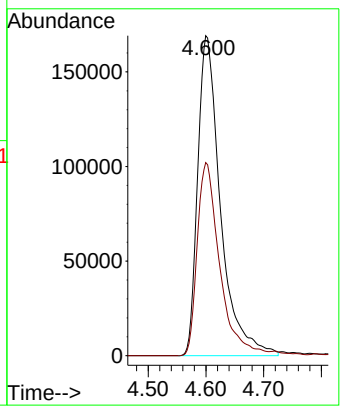


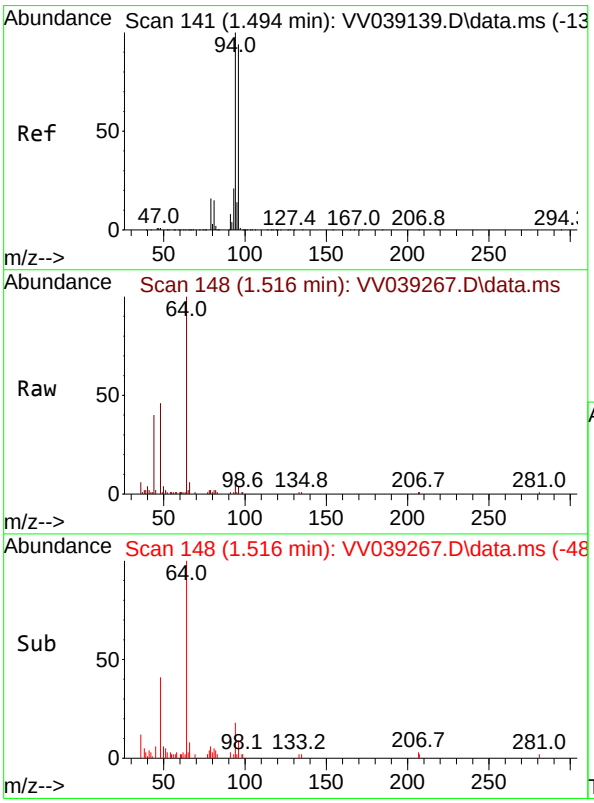
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBL01

Tgt Ion:168 Resp: 463806

Ion	Ratio	Lower	Upper
168	100		
99	60.3	49.6	74.4

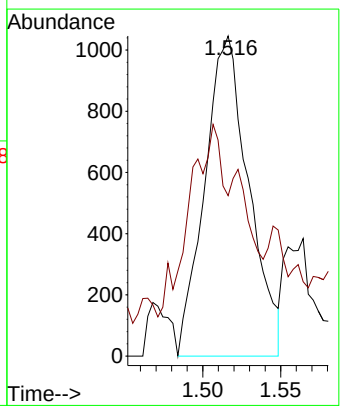


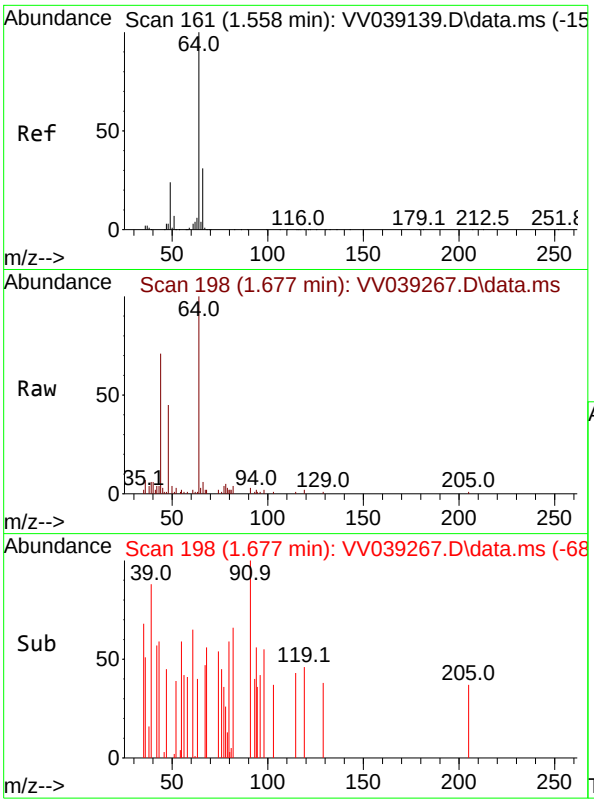


#5
Bromomethane
Concen: 0.386 ug/l
RT: 1.516 min Scan# 148
Delta R.T. 0.022 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Tgt Ion: 94 Resp: 2053

Ion	Ratio	Lower	Upper
94	100		
96	23.5	74.9	112.3#



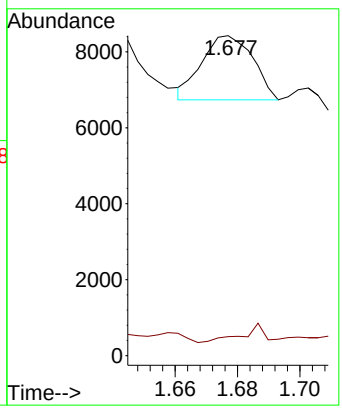


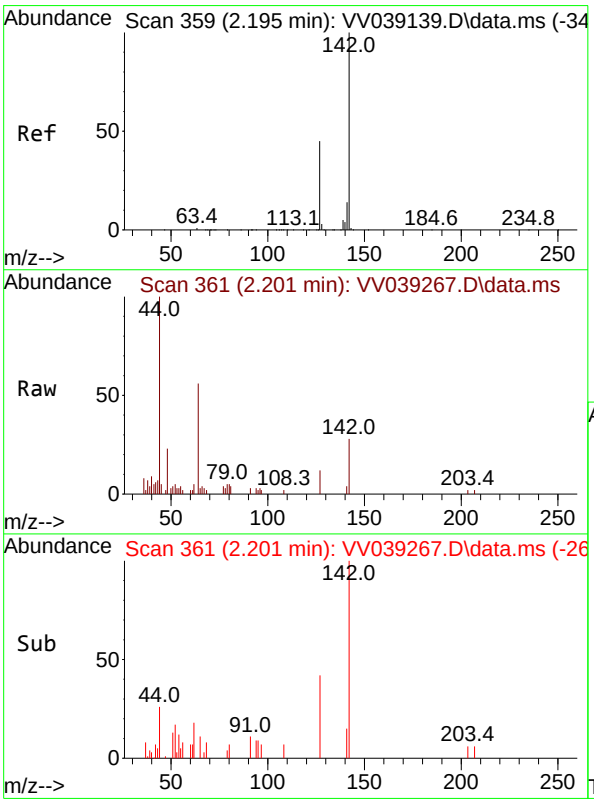
#6
Chloroethane
Concen: Below Cal
RT: 1.677 min Scan# 1
Delta R.T. 0.119 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBL01

Tgt Ion: 64 Resp: 1923

Ion	Ratio	Lower	Upper
64	100		
66	4.1	24.6	36.8#

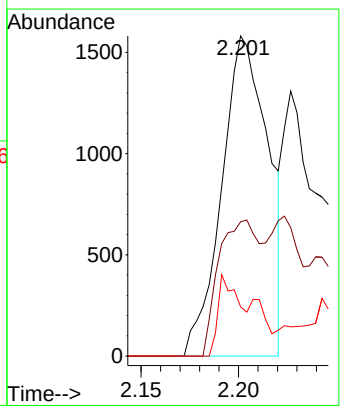


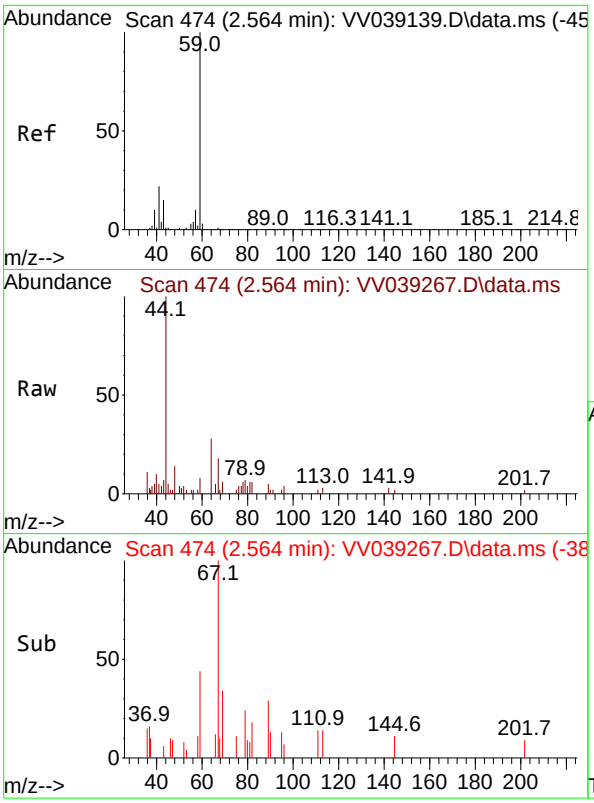


#10
Methyl Iodide
Concen: 0.377 ug/l
RT: 2.201 min Scan# 361
Delta R.T. 0.006 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Tgt Ion:142 Resp: 2613

Ion	Ratio	Lower	Upper
142	100		
127	35.9	36.3	54.5#
141	12.0	11.2	16.8



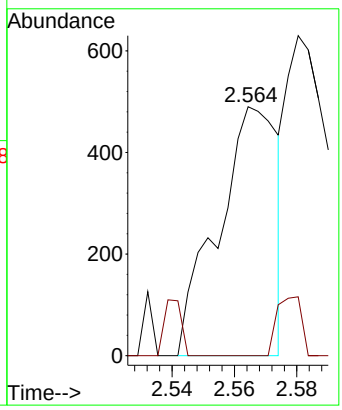


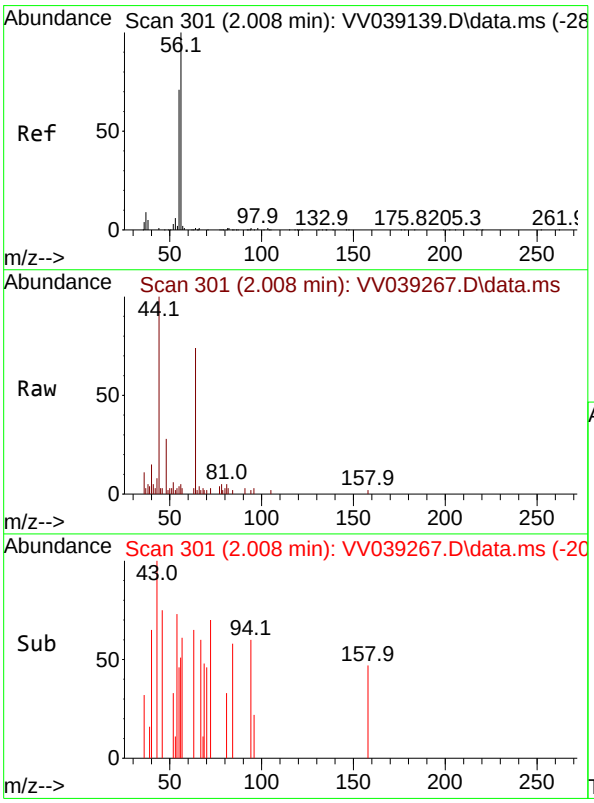
#11
Tert butyl alcohol
Concen: 0.456 ug/l
RT: 2.564 min Scan# 4
Delta R.T. -0.000 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBL01

Tgt Ion: 59 Resp: 647

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

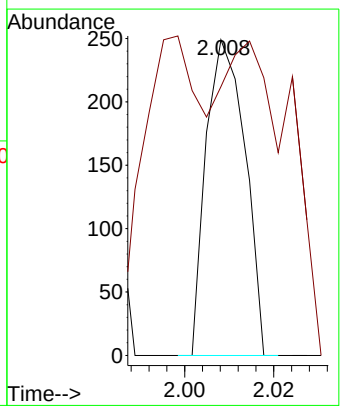


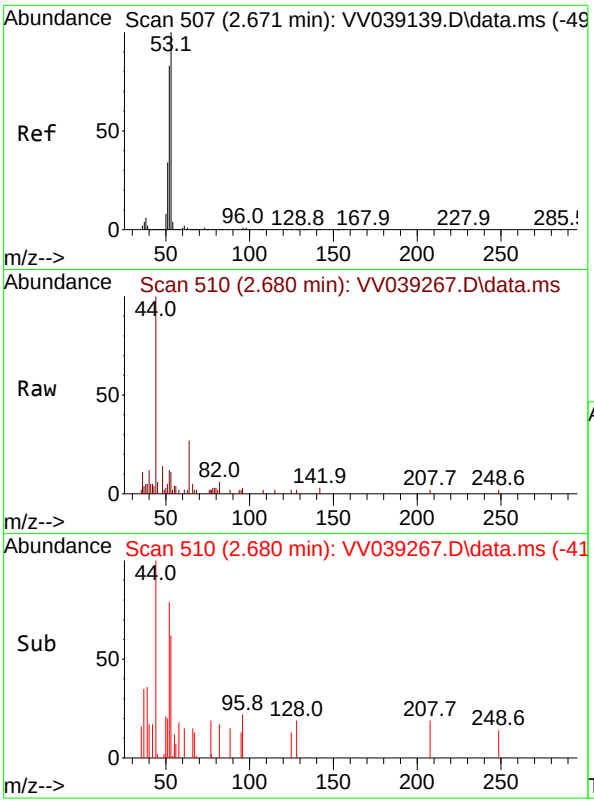


#13
Acrolein
Concen: 0.613 ug/l
RT: 2.008 min Scan# 301
Delta R.T. -0.000 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Tgt Ion: 56 Resp: 151

Ion	Ratio	Lower	Upper
56	100		
55	155.6	56.2	84.4#



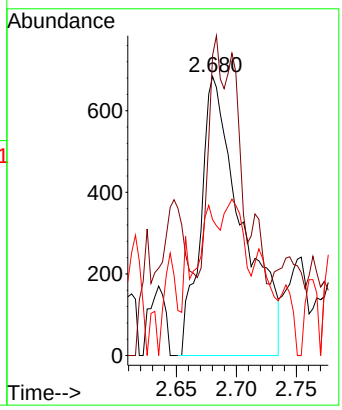


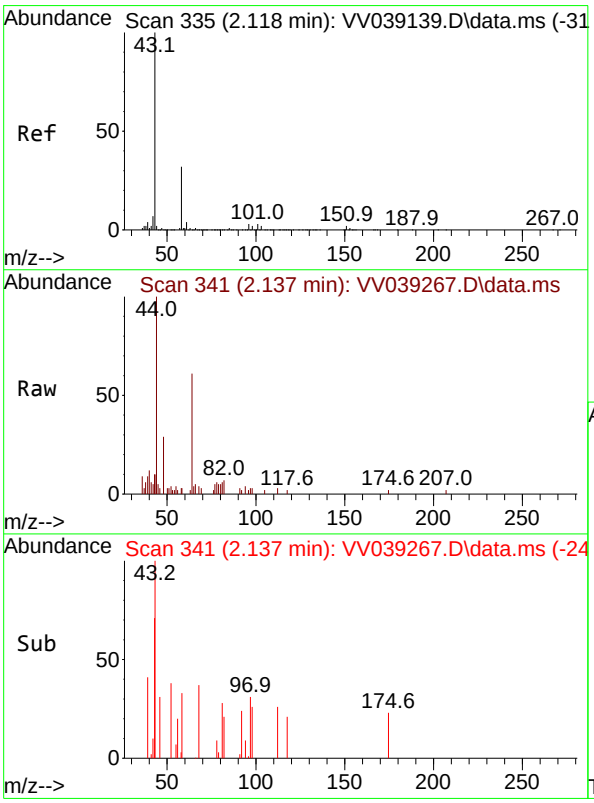
#15
Acrylonitrile
Concen: 0.358 ug/l
RT: 2.680 min Scan# 5
Delta R.T. 0.010 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBL01

Tgt Ion: 53 Resp: 1627

Ion	Ratio	Lower	Upper
53	100		
52	30.9	66.1	99.1#
51	8.0	28.5	42.7#

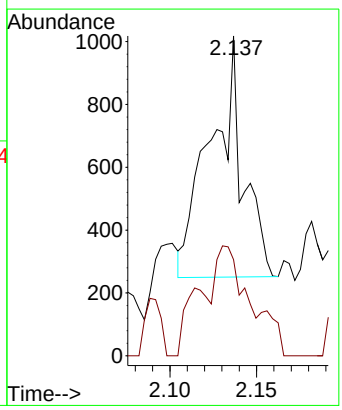


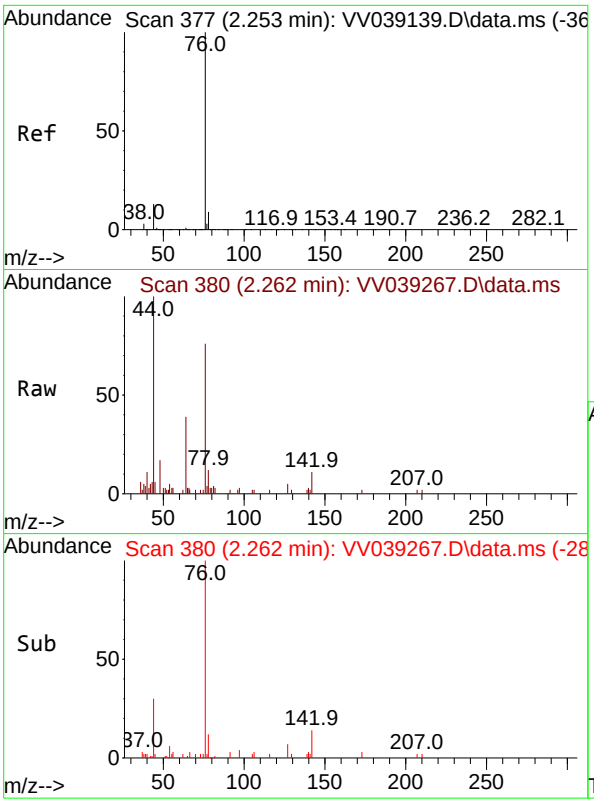


#16
Acetone
Concen: Below Cal
RT: 2.137 min Scan# 341
Delta R.T. 0.019 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Tgt Ion: 43 Resp: 1004

Ion	Ratio	Lower	Upper
43	100		
58	39.9	25.8	38.6#



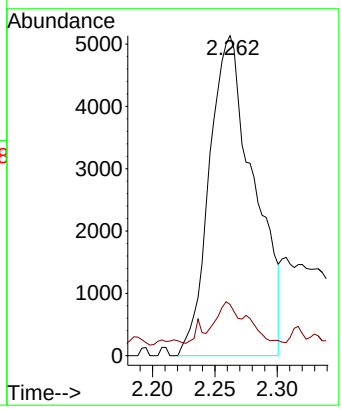


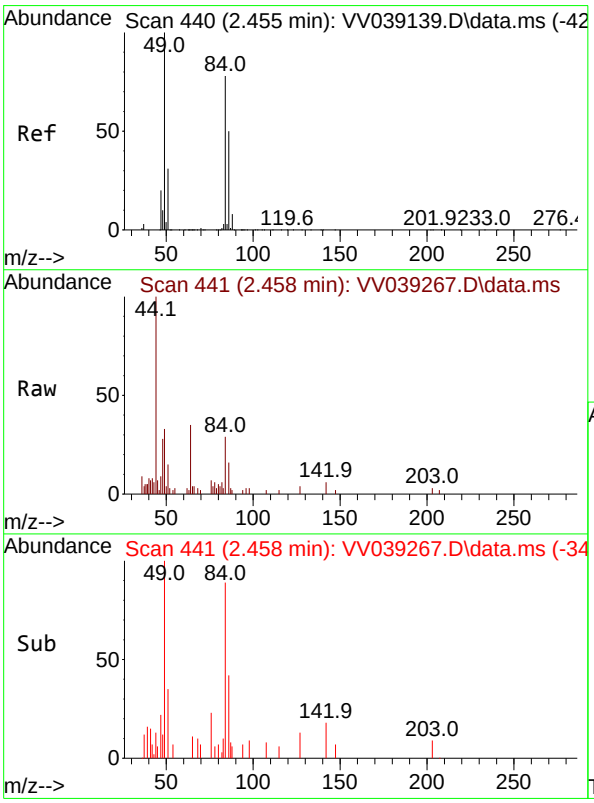
#17
Carbon Disulfide
Concen: 0.596 ug/l
RT: 2.262 min Scan# 3
Delta R.T. 0.010 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBL01

Tgt Ion: 76 Resp: 12742

Ion	Ratio	Lower	Upper
76	100		
78	11.4	7.4	11.0#

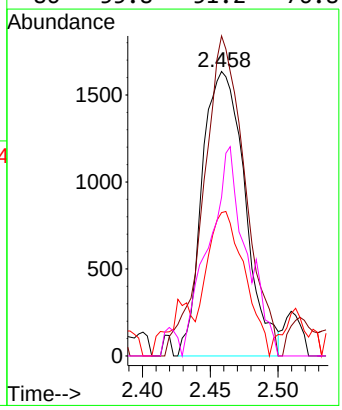


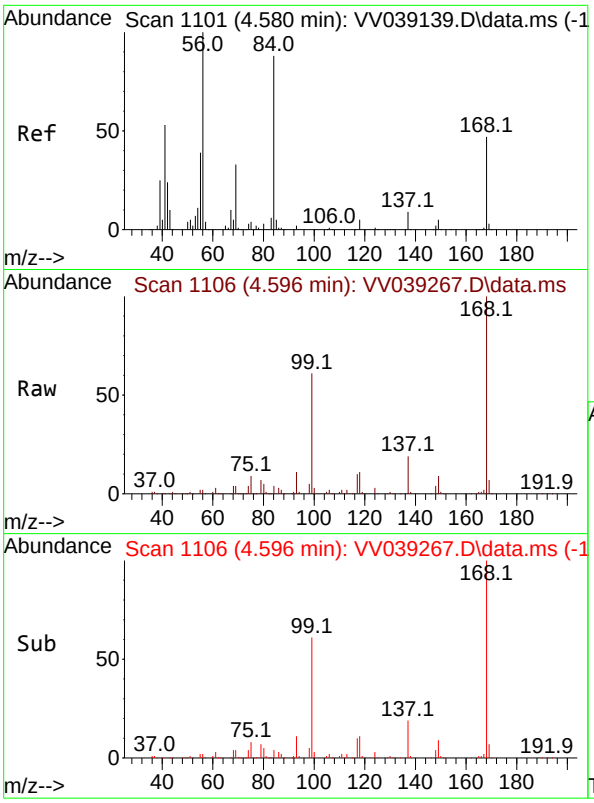


#20
Methylene Chloride
Concen: Below Cal
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Tgt Ion: 84 Resp: 3589

Ion	Ratio	Lower	Upper
84	100		
49	112.5	102.8	154.2
51	42.9	31.9	47.9
86	55.8	51.2	76.8



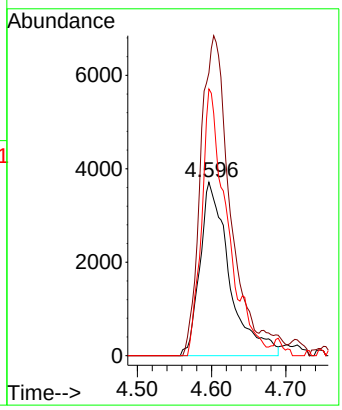


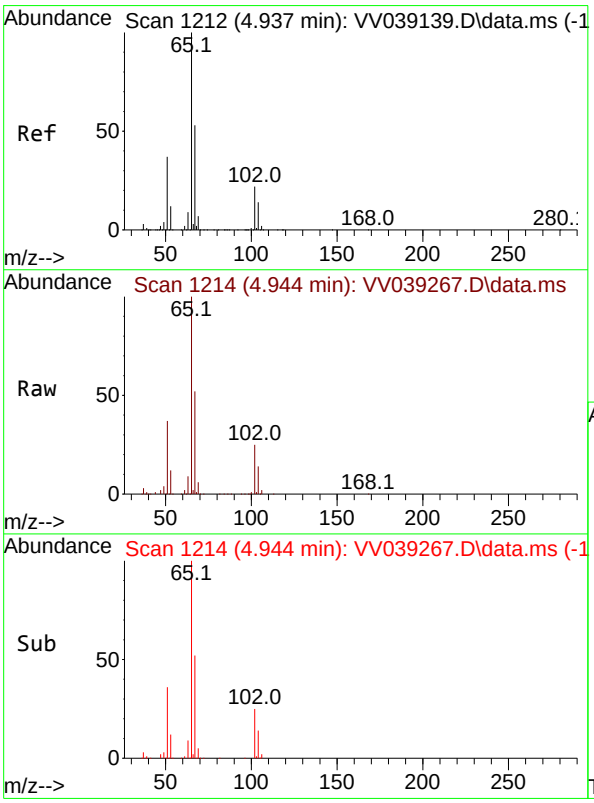
#31
Cyclohexane
Concen: 0.854 ug/l
RT: 4.596 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBL01

Tgt Ion: 56 Resp: 10221

Ion	Ratio	Lower	Upper
56	100		
69	163.0	26.2	39.2#
84	153.7	70.3	105.5#

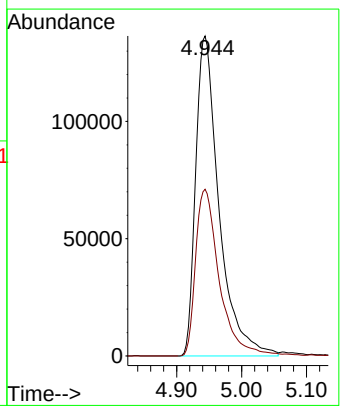


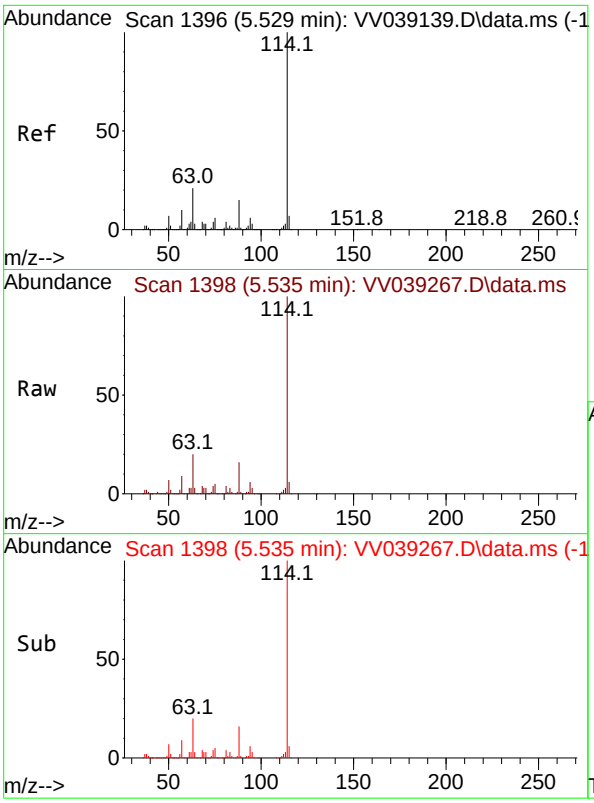


#33
1,2-Dichloroethane-d4
Concen: 50.780 ug/l
RT: 4.944 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Tgt Ion: 65 Resp: 340870

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	107.0



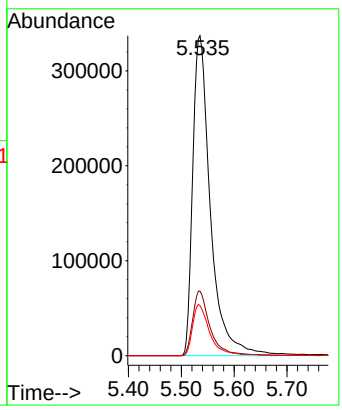


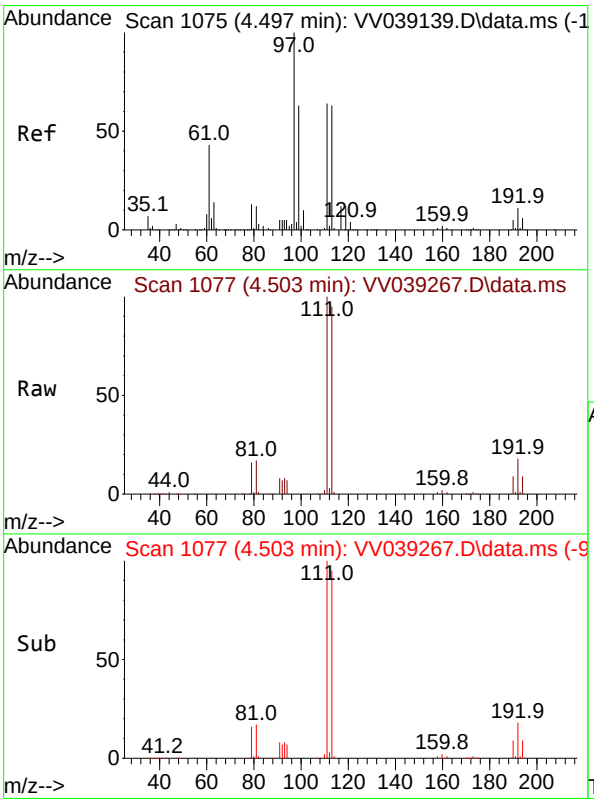
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBL01

Tgt Ion:114 Resp: 783914

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	42.6
88	15.7	0.0	30.8

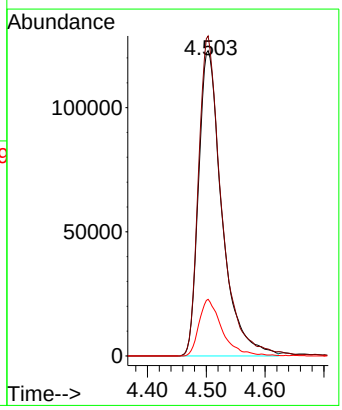


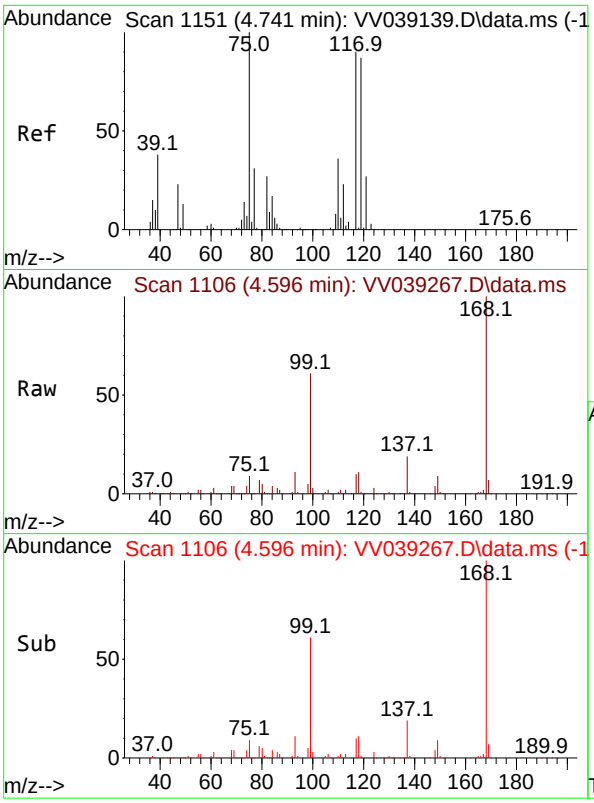


#35
Dibromofluoromethane
Concen: 53.816 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Tgt Ion:113 Resp: 339151

Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.4	123.6
192	18.0	13.8	20.8



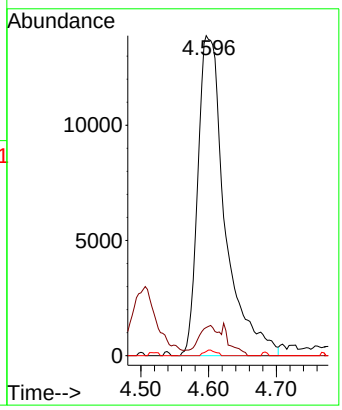


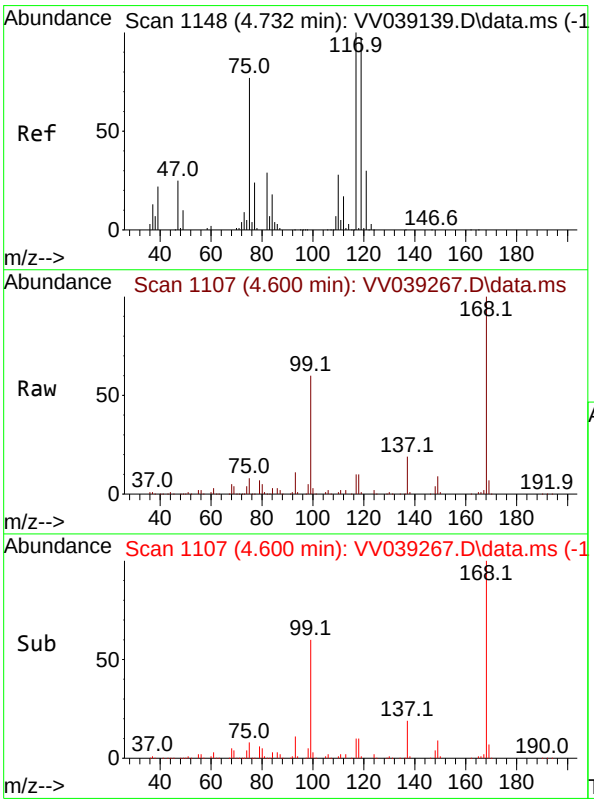
#36
1,1-Dichloropropene
Concen: 4.046 ug/l
RT: 4.596 min Scan# 11
Delta R.T. -0.145 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBL01

Tgt Ion: 75 Resp: 38547

Ion	Ratio	Lower	Upper
75	100		
110	4.4	18.1	54.1#
77	0.7	24.8	37.2#

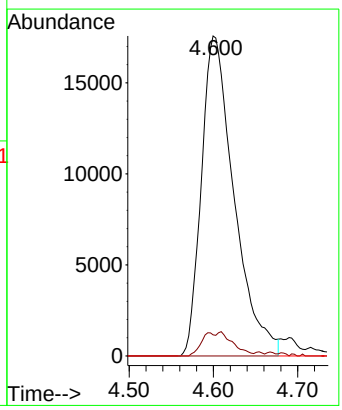


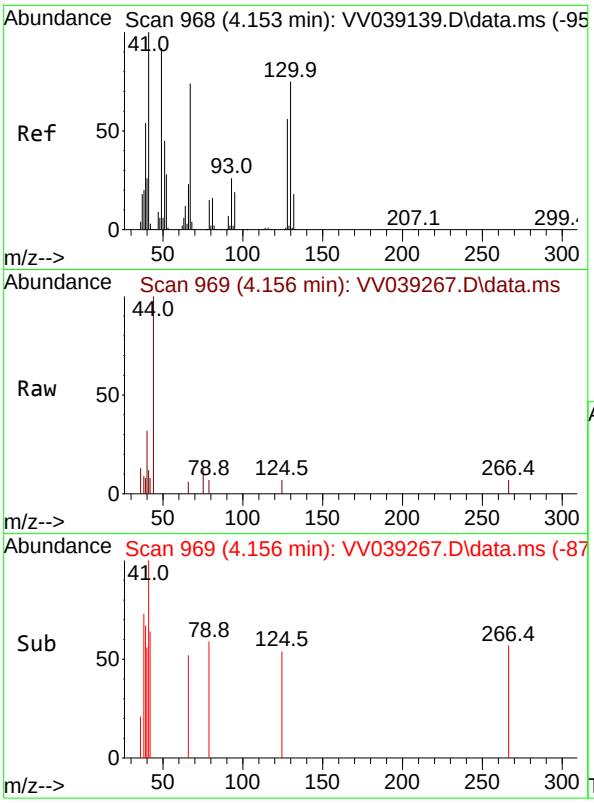


#38
Carbon Tetrachloride
Concen: 4.065 ug/l
RT: 4.600 min Scan# 1107
Delta R.T. -0.132 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Tgt Ion:117 Resp: 47338

Ion	Ratio	Lower	Upper
117	100		
119	6.6	77.2	115.8#
121	0.0	24.2	36.2#



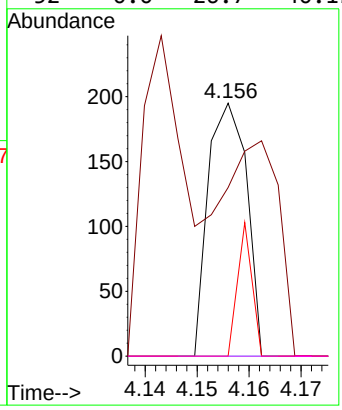


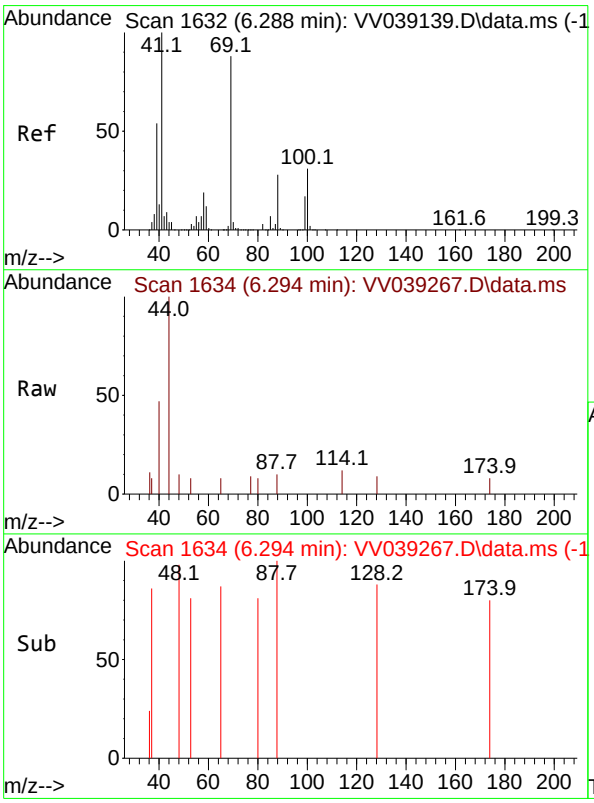
#41
Methacrylonitrile
Concen: 1.929 ug/l
RT: 4.156 min Scan# 9
Delta R.T. 0.003 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBL01

Tgt Ion: 41 Resp: 100

Ion	Ratio	Lower	Upper
41	100		
39	113.0	42.2	63.2#
67	20.0	67.9	101.9#
52	0.0	26.7	40.1#

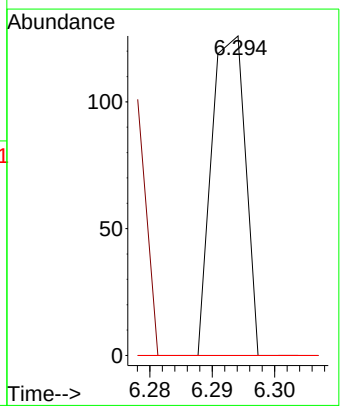


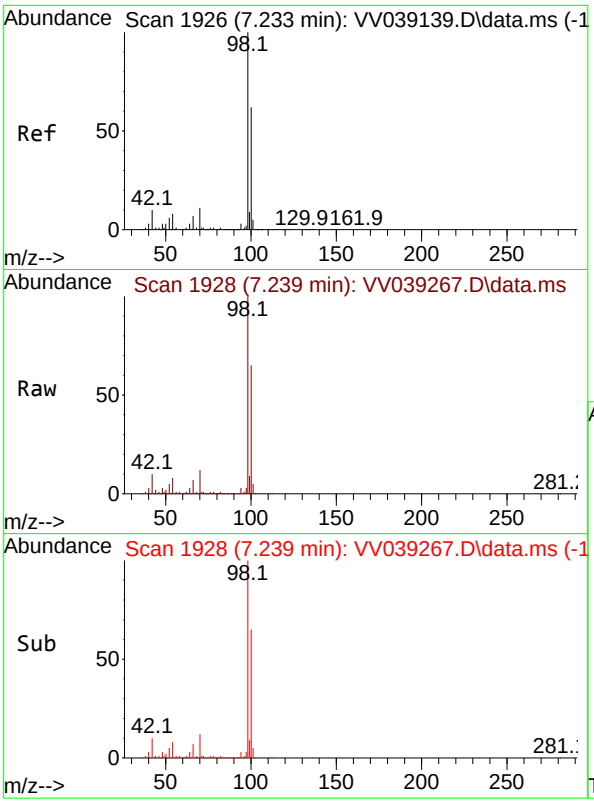


#49
1,4-Dioxane
Concen: 0.408 ug/l
RT: 6.294 min Scan# 1634
Delta R.T. 0.006 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Tgt Ion: 88 Resp: 47

Ion	Ratio	Lower	Upper
88	100		
43	87.2	25.1	37.7#
58	0.0	53.6	80.4#



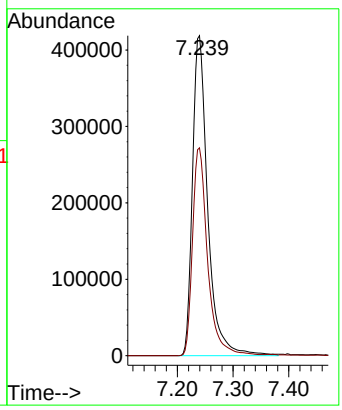


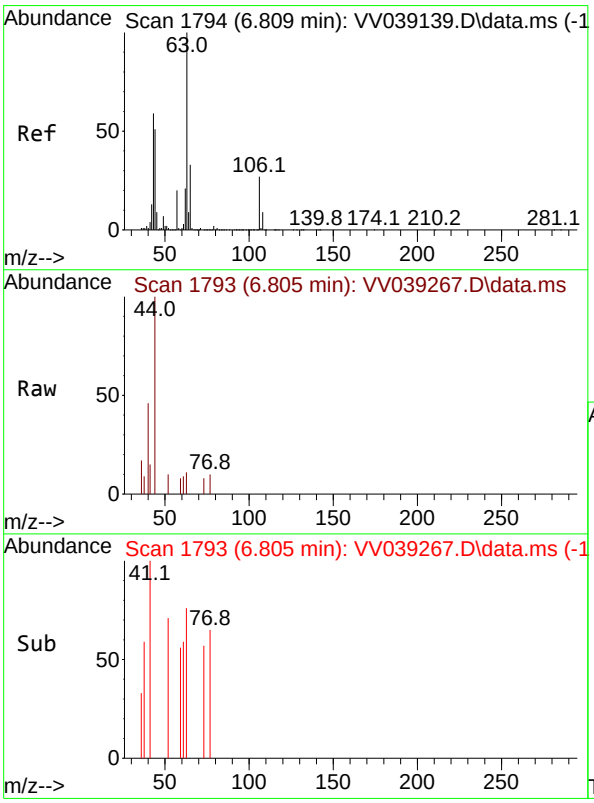
#50
Toluene-d8
Concen: 43.023 ug/l
RT: 7.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBL01

Tgt Ion: 98 Resp: 796316

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.2	78.2

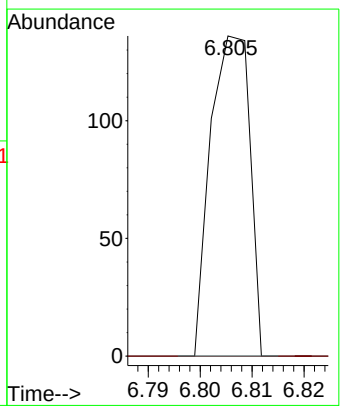


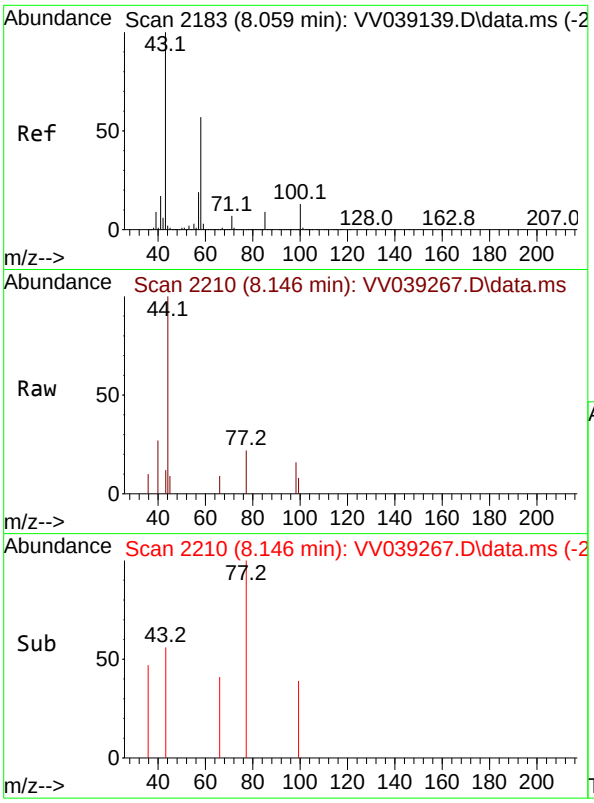


#58
2-Chloroethyl Vinyl ether
Concen: 9.636 ug/l
RT: 6.805 min Scan# 1793
Delta R.T. -0.004 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Tgt Ion: 63 Resp: 72

Ion	Ratio	Lower	Upper
63	100		
106	0.0	22.1	33.1#



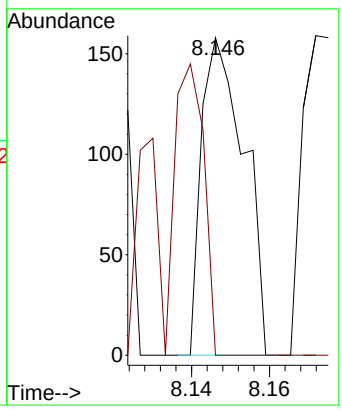


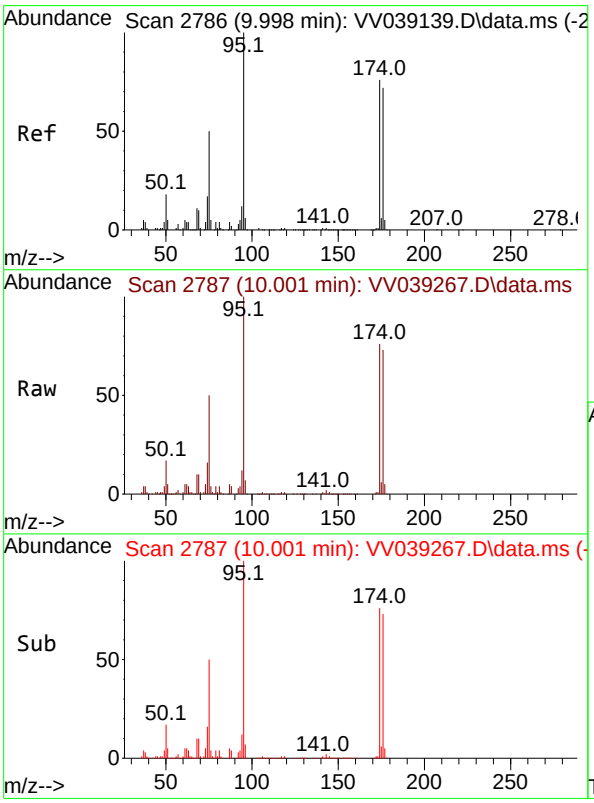
#59
2-Hexanone
Concen: 2.340 ug/l
RT: 8.146 min Scan# 2
Delta R.T. 0.087 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBL01

Tgt Ion: 43 Resp: 120

Ion	Ratio	Lower	Upper
43	100		
58	62.5	28.3	85.0

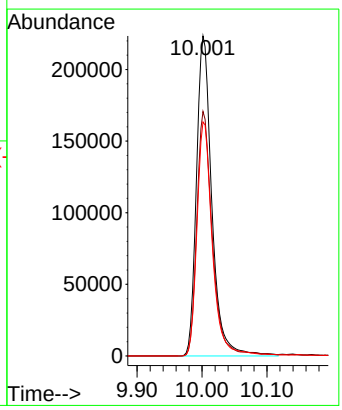


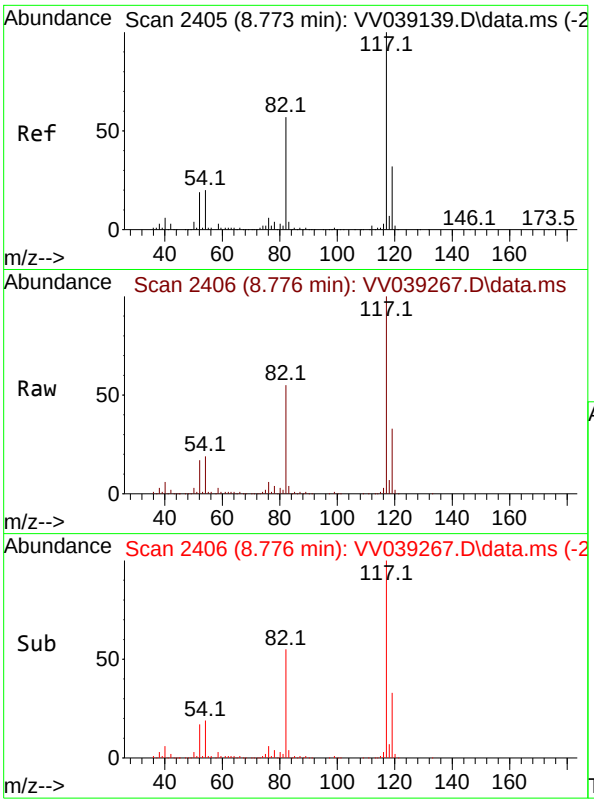


#62
4-Bromofluorobenzene
Concen: 48.368 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Tgt Ion: 95 Resp: 368553

Ion	Ratio	Lower	Upper
95	100		
174	77.0	0.0	150.4
176	73.6	0.0	144.2



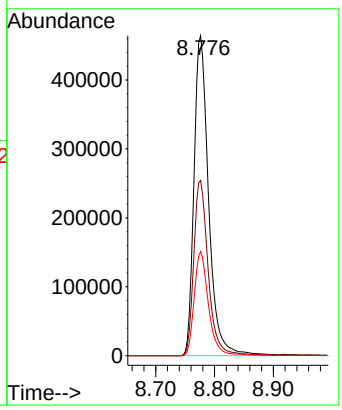


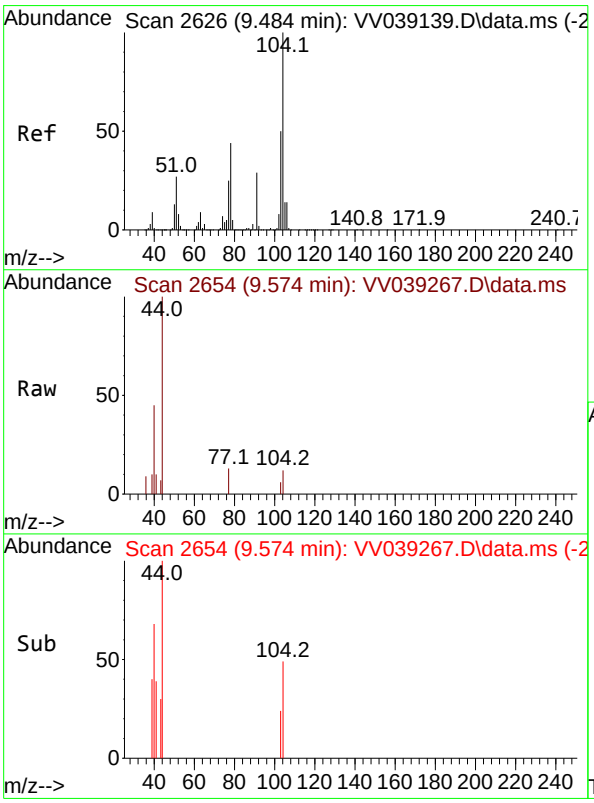
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBL01

Tgt Ion:117 Resp: 804136

Ion	Ratio	Lower	Upper
117	100		
82	54.7	45.4	68.2
119	32.6	25.6	38.4

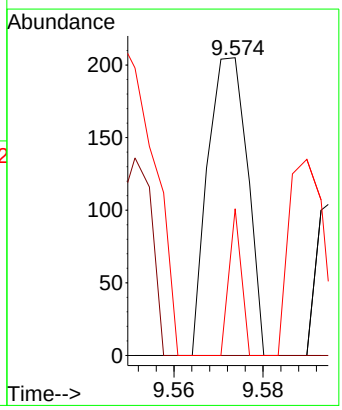


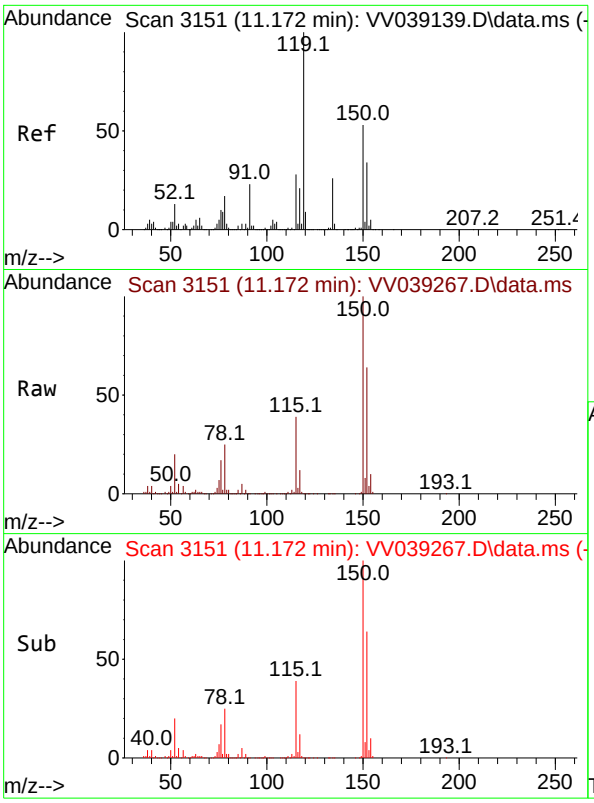


#70
Styrene
Concen: 1.566 ug/l
RT: 9.574 min Scan# 2654
Delta R.T. 0.090 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Tgt Ion:104 Resp: 127

Ion	Ratio	Lower	Upper
104	100		
78	0.0	39.8	59.6#
103	15.0	43.4	65.2#



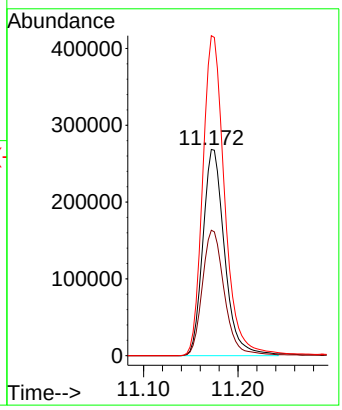


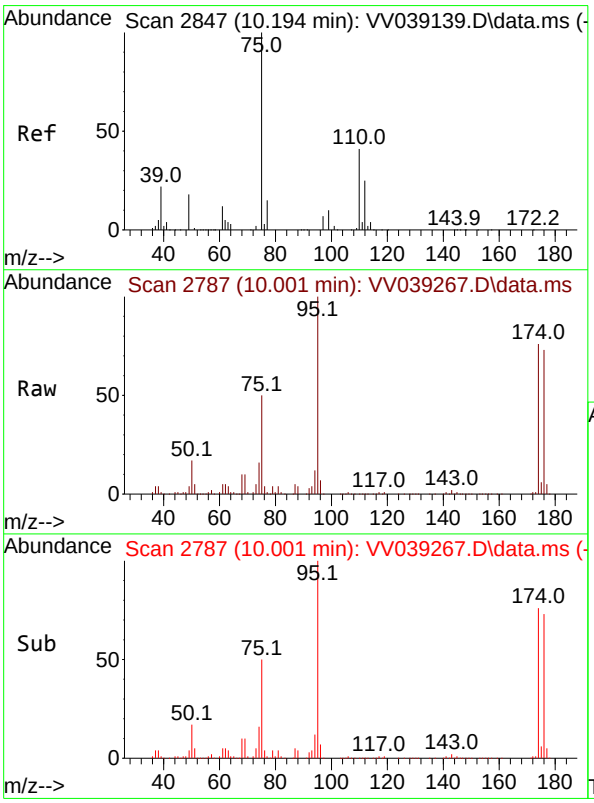
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBL01

Tgt Ion:152 Resp: 428242

Ion	Ratio	Lower	Upper
152	100		
115	62.2	44.8	134.4
150	158.0	0.0	353.8

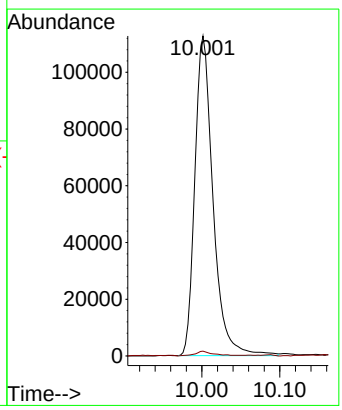


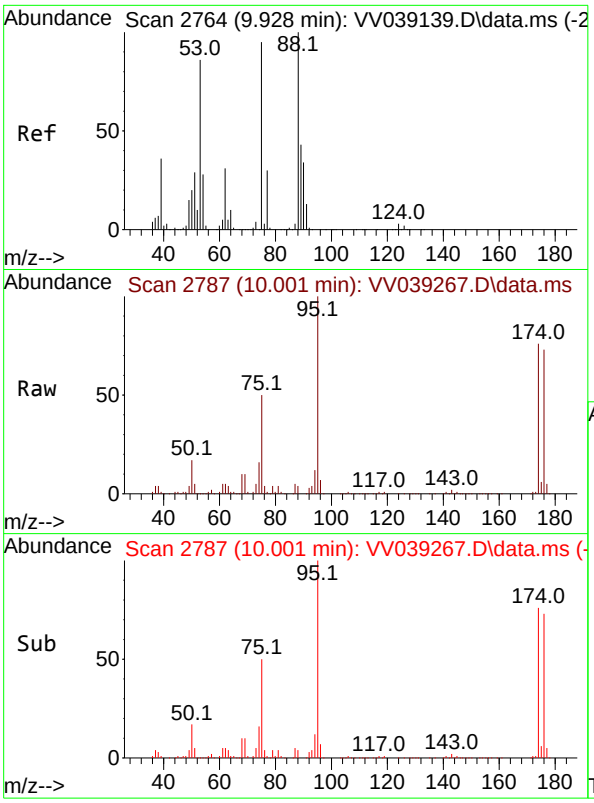


#76
1,2,3-Trichloropropane
Concen: 18.737 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. -0.193 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Tgt Ion: 75 Resp: 182693

Ion	Ratio	Lower	Upper
75	100		
77	1.6	11.3	33.8#



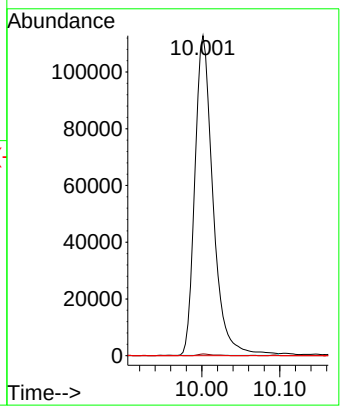


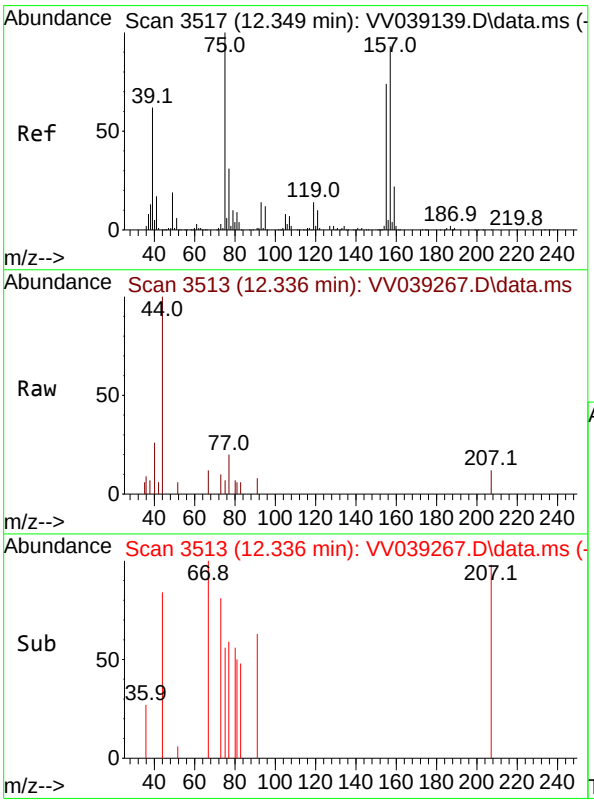
#81
trans-1,4-Dichloro-2-butene
Concen: 44.982 ug/l
RT: 10.001 min Scan# 2
Delta R.T. 0.074 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBL01

Tgt Ion: 75 Resp: 182693

Ion	Ratio	Lower	Upper
75	100		
53	0.5	72.5	108.7#
89	0.0	37.2	55.8#





#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 12.336 min Scan# 3513
Delta R.T. -0.013 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Tgt Ion: 75 Resp: 67

Ion	Ratio	Lower	Upper
75	100		
155	0.0	38.6	115.8#
157	0.0	49.5	148.3#