Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
Data File : VV039272.D
Acq On : 06 Oct 2025 14:41
Operator : SY/MD
Sample : Q3201-02DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MW14DL

Quant Time: Oct 07 03:35:06 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	4.603	168	444773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	756536	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	773912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	417747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	336432	52.264	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 104.520%			
35) Dibromofluoromethane	4.503	113	336925	55.398	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 110.800%			
50) Toluene-d8	7.239	98	758388	42.456	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 84.920%#			
62) 4-Bromofluorobenzene	10.001	95	353438	48.063	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 96.120%			
Target Compounds						Qvalue
5) Bromomethane	1.516	94	1619	0.317	ug/l	100
6) Chloroethane	1.670	64	1097	Below Cal	#	49
10) Methyl Iodide	2.211	142	2849	0.429	ug/l #	92
11) Tert butyl alcohol	2.571	59	77290	56.809	ug/l	96
13) Acrolein	2.034	56	72	0.305	ug/l #	1
14) Allyl chloride	2.574	41	15020	1.254	ug/l #	64
15) Acrylonitrile	2.715	53	12865	2.950	ug/l #	38
16) Acetone	2.124	43	1643	Below Cal	#	84
17) Carbon Disulfide	2.259	76	5213	0.254	ug/l #	83
19) Methyl tert-butyl Ether	2.712	73	1259798	58.954	ug/l	99
20) Methylene Chloride	2.461	84	4279	Below Cal	#	92
31) Cyclohexane	4.603	56	9791	0.853	ug/l #	1
36) 1,1-Dichloropropene	4.596	75	36275	3.945	ug/l #	41
38) Carbon Tetrachloride	4.600	117	47247	4.204	ug/l #	17
40) Benzene	5.030	78	7534	0.252	ug/l	96
41) Methacrylonitrile	4.156	41	105	1.931	ug/l #	1
58) 2-Chloroethyl Vinyl ether	6.844	63	21	9.627	ug/l #	47
59) 2-Hexanone	7.905	43	169	2.346	ug/l	64
70) Styrene	9.596	104	43	1.563	ug/l #	58
76) 1,2,3-Trichloropropane	10.001	75	174706	18.368	ug/l #	56
81) trans-1,4-Dichloro-2-b...	10.001	75	174706	44.096	ug/l #	13
92) 1,2-Dibromo-3-Chloropr...	12.374	75	52	Below Cal	#	5

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

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Misc : 5.0mL/MSVOA_V/WATER
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Instrument :
MSVOA_V
ClientSampleId :
MW14DL

Quant Time: Oct 07 03:35:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
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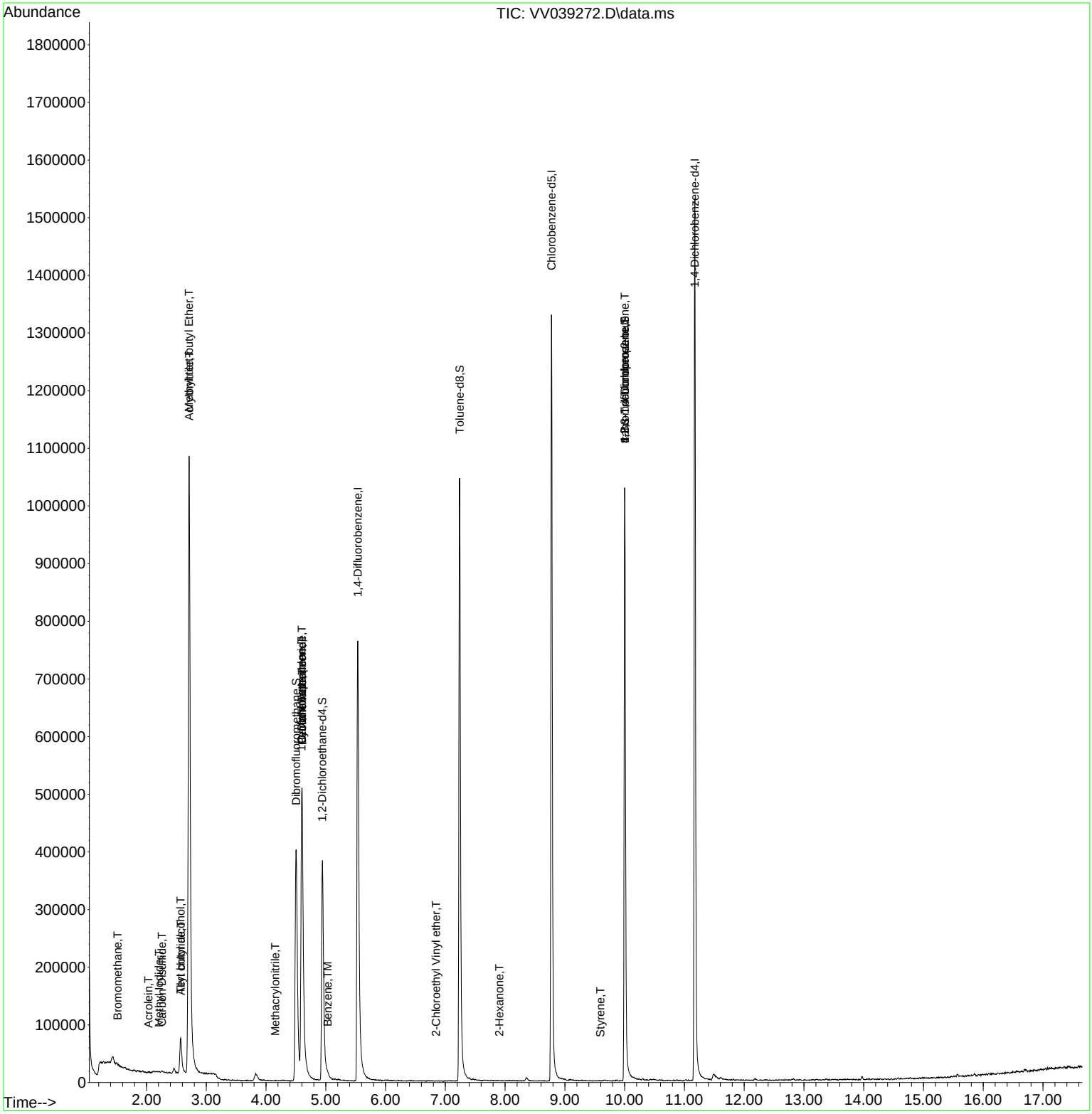
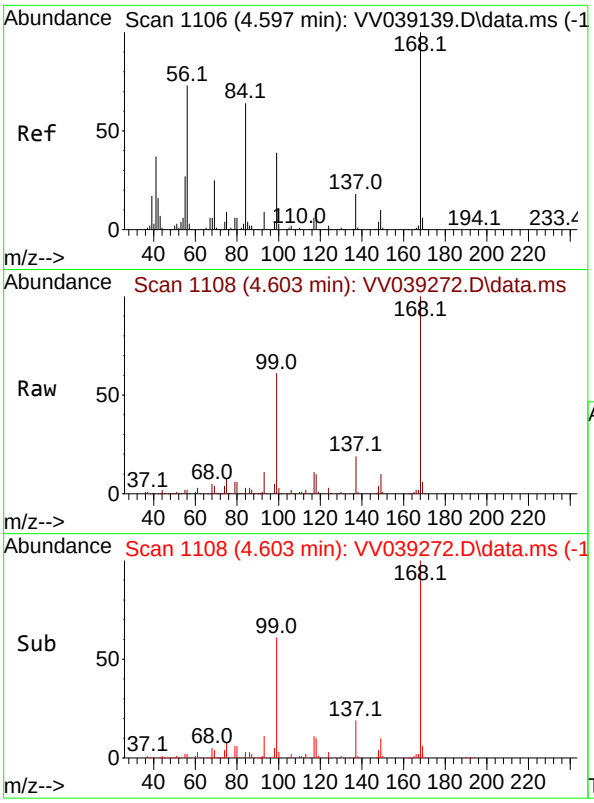


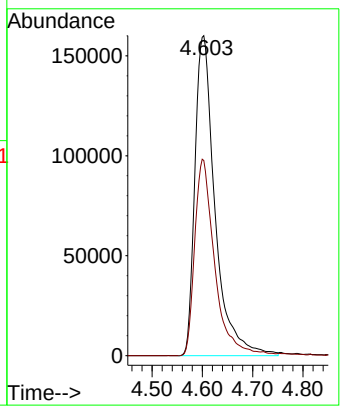


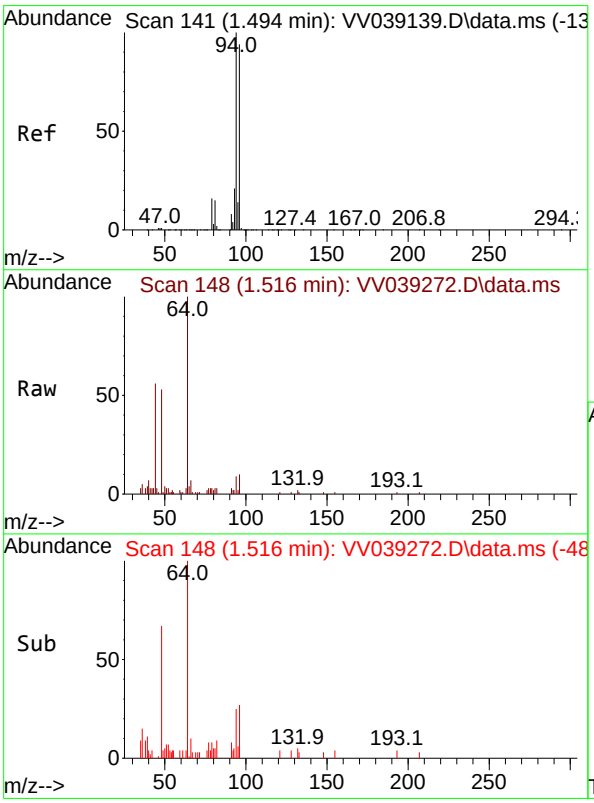
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Instrument :
MSVOA_V
ClientSampleId :
MW14DL

Tgt Ion:168 Resp: 444773

Ion	Ratio	Lower	Upper
168	100		
99	61.0	49.6	74.4

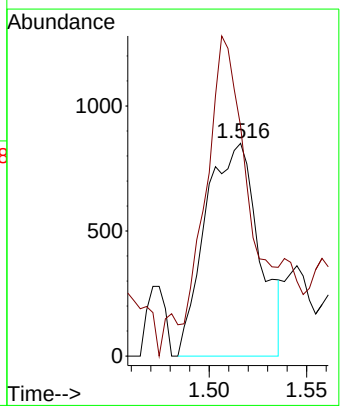


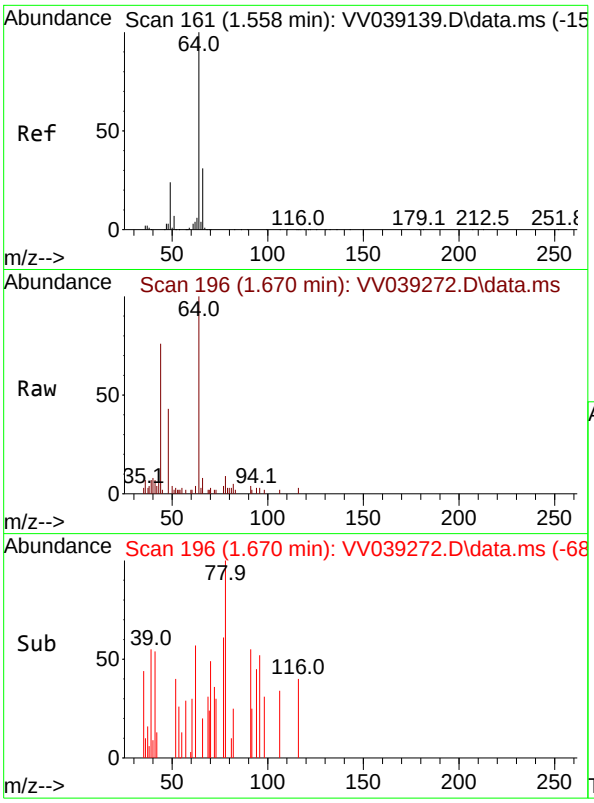


#5
Bromomethane
Concen: 0.317 ug/l
RT: 1.516 min Scan# 148
Delta R.T. 0.022 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Tgt Ion: 94 Resp: 1619

Ion	Ratio	Lower	Upper
94	100		
96	93.3	74.9	112.3



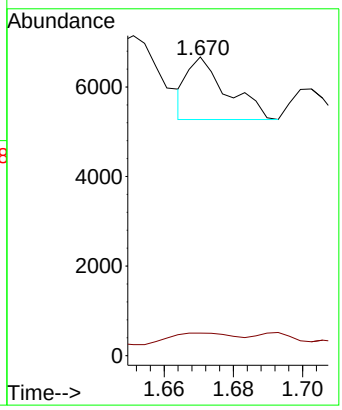


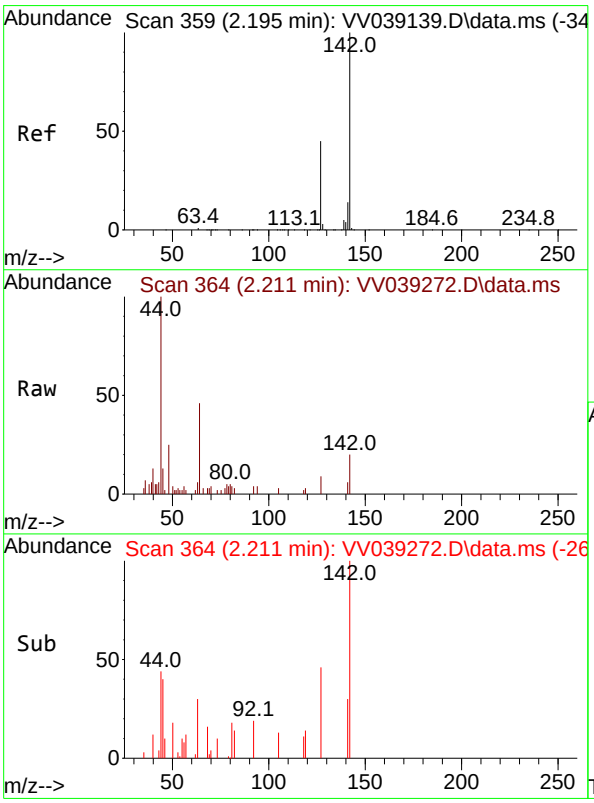
#6
Chloroethane
Concen: Below Cal
RT: 1.670 min Scan# 1
Delta R.T. 0.112 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Instrument :
MSVOA_V
ClientSampleId :
MW14DL

Tgt Ion: 64 Resp: 1097

Ion	Ratio	Lower	Upper
64	100		
66	2.6	24.6	36.8#

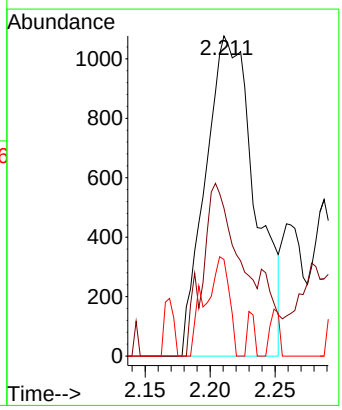


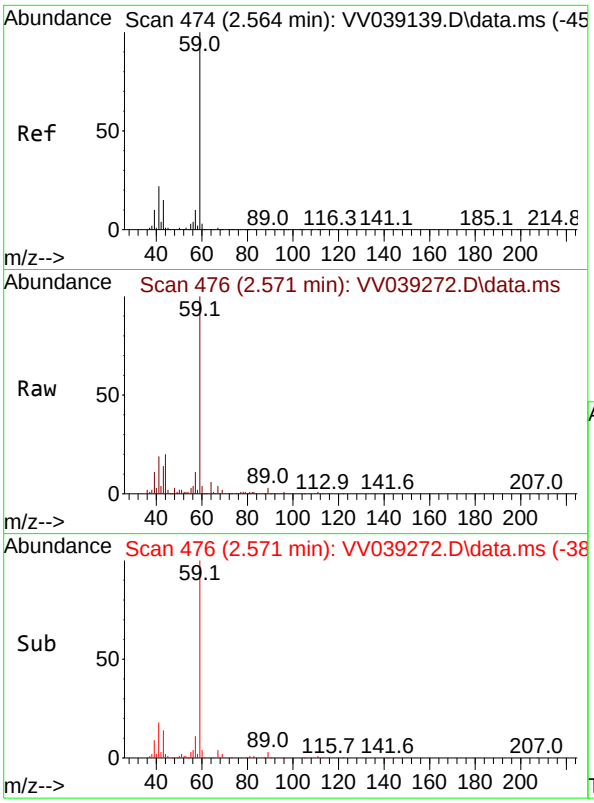


#10
Methyl Iodide
Concen: 0.429 ug/l
RT: 2.211 min Scan# 364
Delta R.T. 0.016 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Tgt Ion:142 Resp: 2849

Ion	Ratio	Lower	Upper
142	100		
127	40.3	36.3	54.5
141	10.2	11.2	16.8#



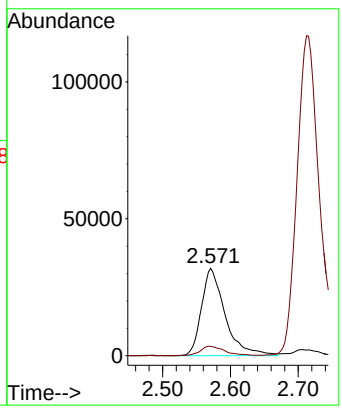


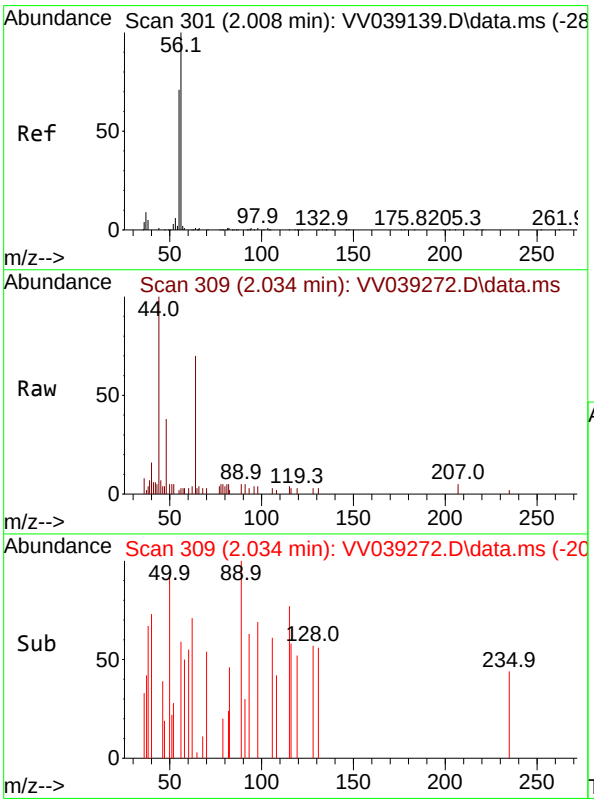
#11
Tert butyl alcohol
Concen: 56.809 ug/l
RT: 2.571 min Scan# 4
Delta R.T. 0.006 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Instrument :
MSVOA_V
ClientSampleId :
MW14DL

Tgt Ion: 59 Resp: 77290

Ion	Ratio	Lower	Upper
59	100		
57	11.4	7.8	11.8

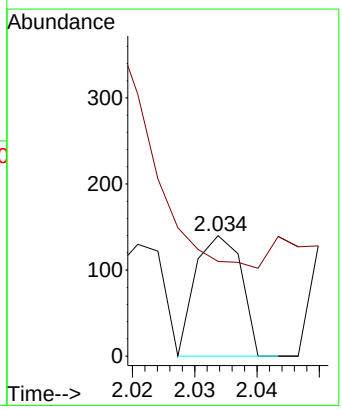


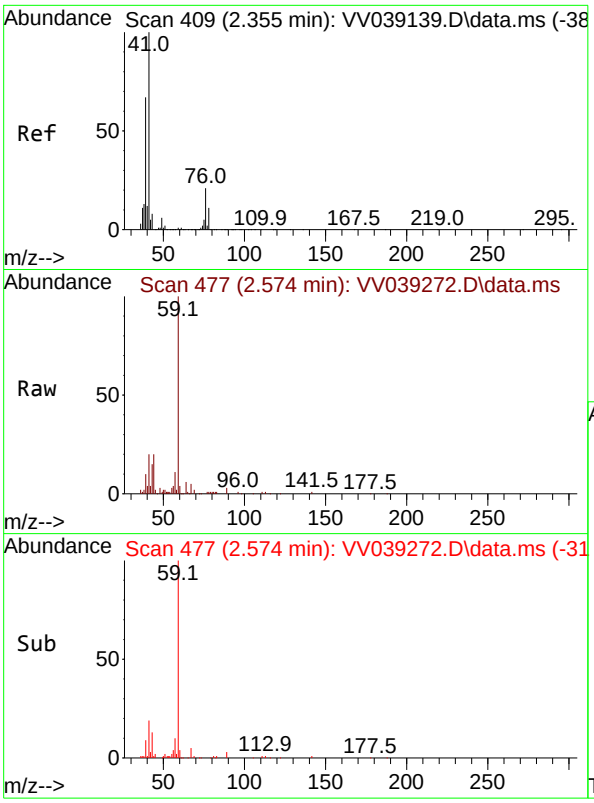


#13
Acrolein
Concen: 0.305 ug/l
RT: 2.034 min Scan# 309
Delta R.T. 0.026 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Tgt Ion: 56 Resp: 72

Ion	Ratio	Lower	Upper
56	100		
55	422.2	56.2	84.4#



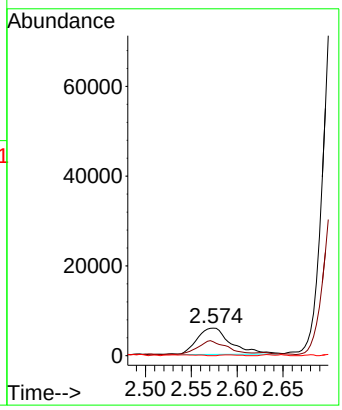


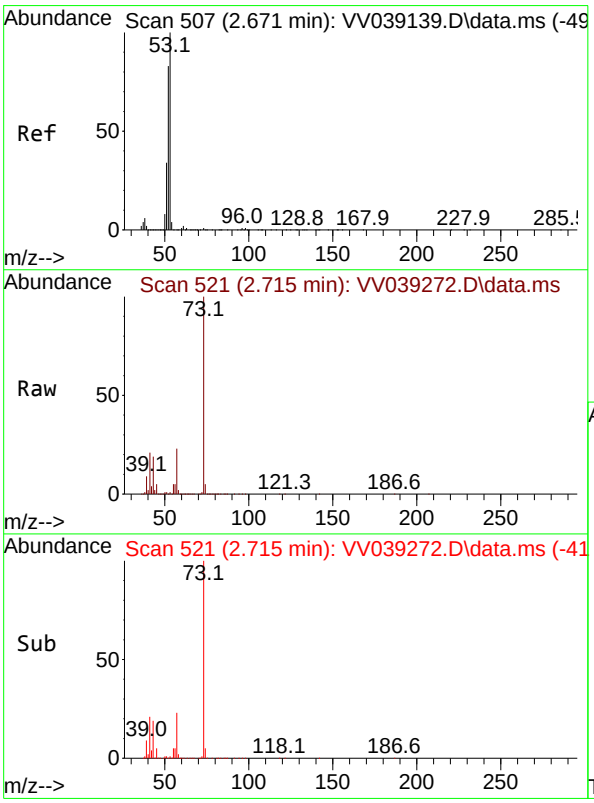
#14
Allyl chloride
Concen: 1.254 ug/l
RT: 2.574 min Scan# 4
Delta R.T. 0.218 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Instrument :
MSVOA_V
ClientSampleId :
MW14DL

Tgt Ion: 41 Resp: 15020

Ion	Ratio	Lower	Upper
41	100		
39	44.5	51.0	76.6#
76	1.7	28.2	42.4#

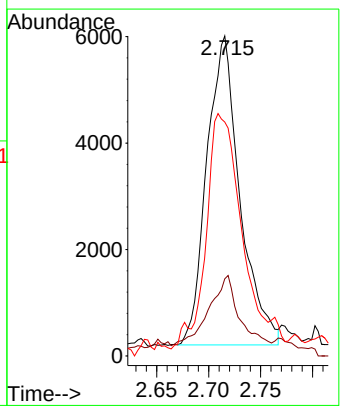


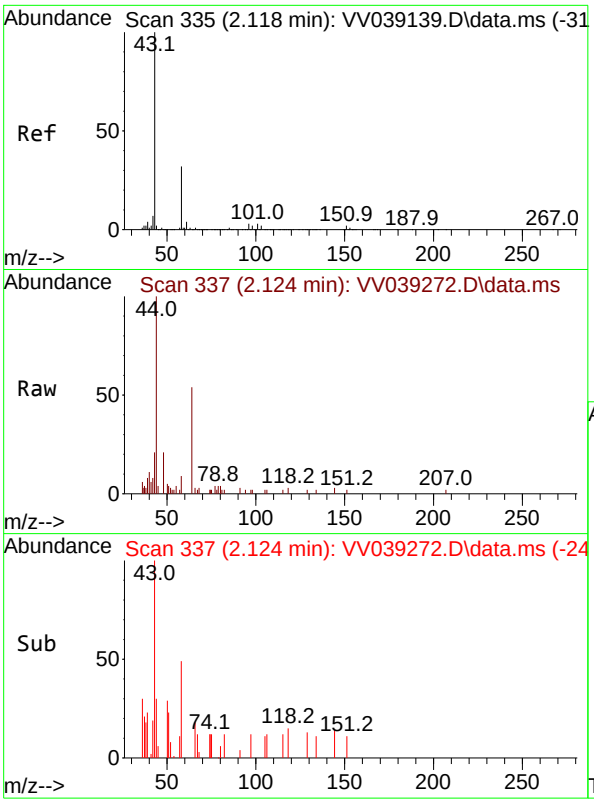


#15
Acrylonitrile
Concen: 2.950 ug/l
RT: 2.715 min Scan# 521
Delta R.T. 0.045 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Tgt Ion: 53 Resp: 12865

Ion	Ratio	Lower	Upper
53	100		
52	21.6	66.1	99.1#
51	64.5	28.5	42.7#



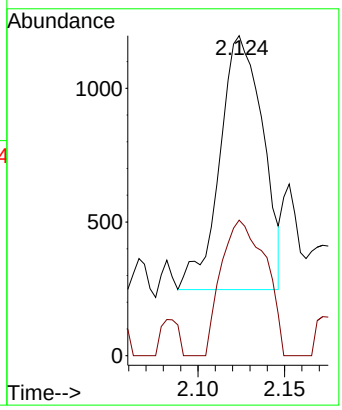


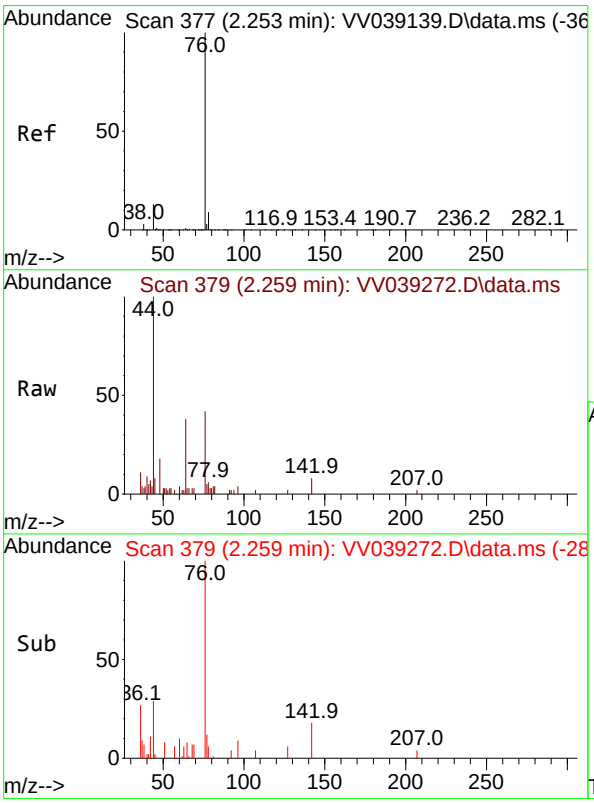
#16
Acetone
Concen: Below Cal
RT: 2.124 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Instrument :
MSVOA_V
ClientSampleId :
MW14DL

Tgt Ion: 43 Resp: 1643

Ion	Ratio	Lower	Upper
43	100		
58	41.3	25.8	38.6#

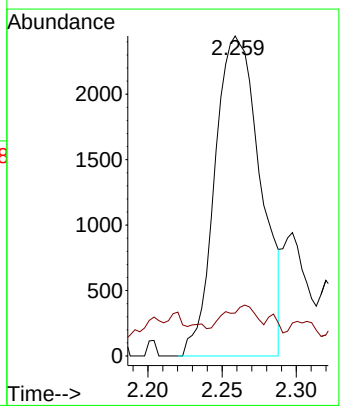


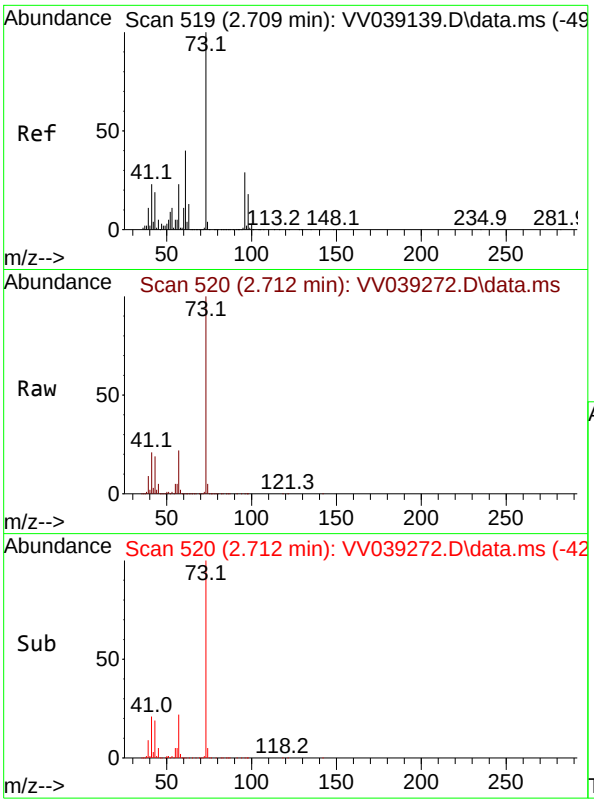


#17
Carbon Disulfide
Concen: 0.254 ug/l
RT: 2.259 min Scan# 379
Delta R.T. 0.006 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Tgt Ion: 76 Resp: 5213

Ion	Ratio	Lower	Upper
76	100		
78	3.0	7.4	11.0#



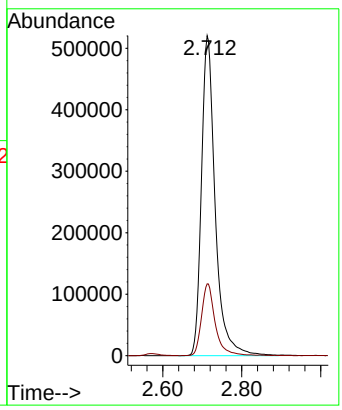


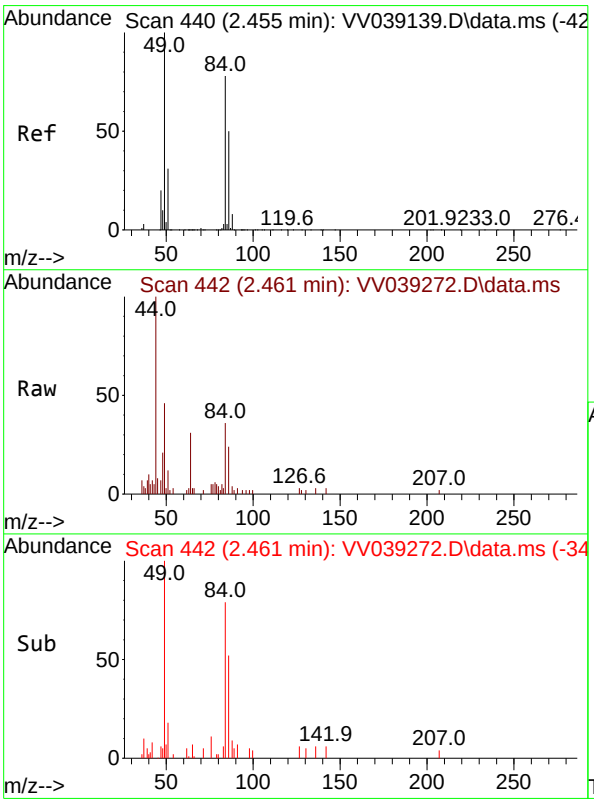
#19
Methyl tert-butyl Ether
Concen: 58.954 ug/l
RT: 2.712 min Scan# 5
Delta R.T. 0.003 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Instrument :
MSVOA_V
ClientSampleId :
MW14DL

Tgt Ion: 73 Resp: 1259798

Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.2	27.4

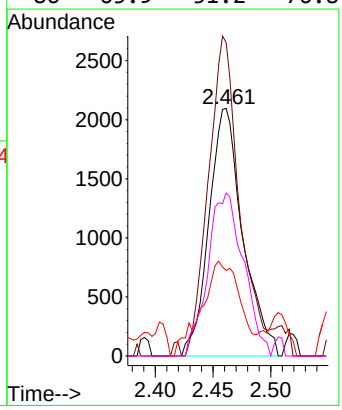


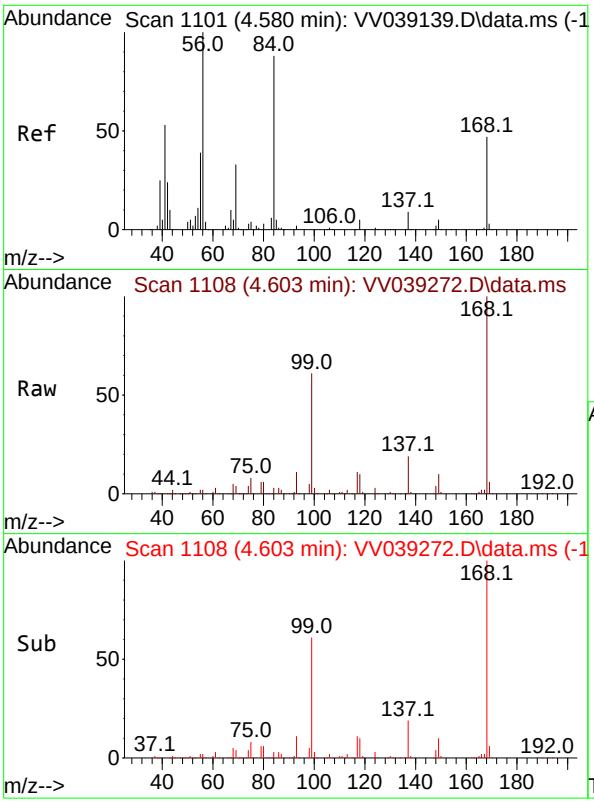


#20
Methylene Chloride
Concen: Below Cal
RT: 2.461 min Scan# 442
Delta R.T. 0.006 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Tgt Ion: 84 Resp: 4279

Ion	Ratio	Lower	Upper
84	100		
49	120.8	102.8	154.2
51	28.4	31.9	47.9#
86	65.9	51.2	76.8



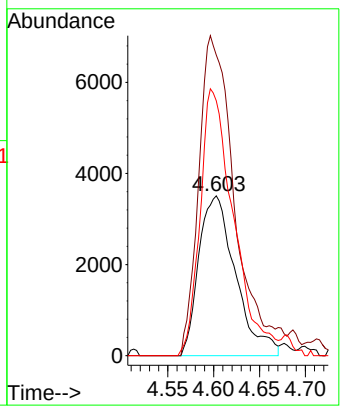


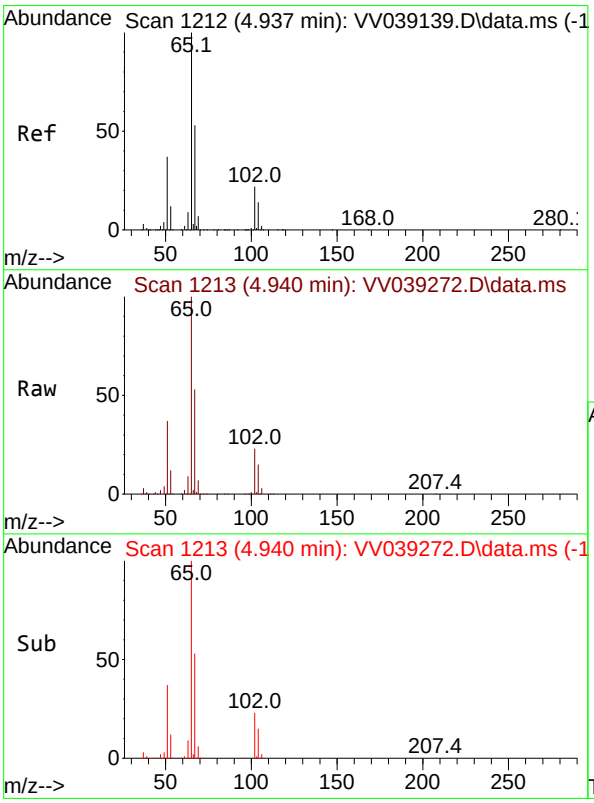
#31
Cyclohexane
Concen: 0.853 ug/l
RT: 4.603 min Scan# 11
Delta R.T. 0.022 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Instrument :
MSVOA_V
ClientSampleId :
MW14DL

Tgt Ion: 56 Resp: 9791

Ion	Ratio	Lower	Upper
56	100		
69	188.1	26.2	39.2#
84	159.5	70.3	105.5#

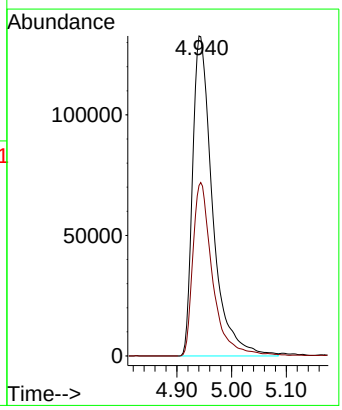


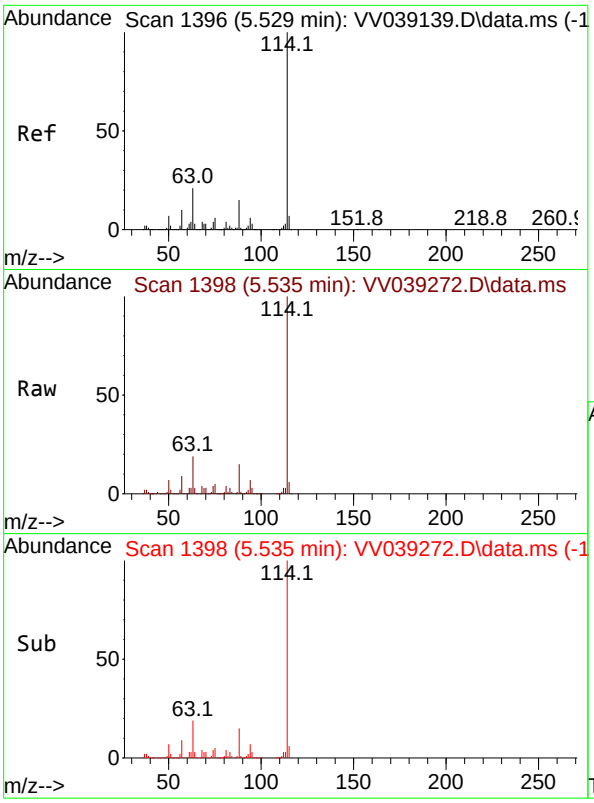


#33
1,2-Dichloroethane-d4
Concen: 52.264 ug/l
RT: 4.940 min Scan# 1213
Delta R.T. 0.003 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Tgt Ion: 65 Resp: 336432

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	107.0



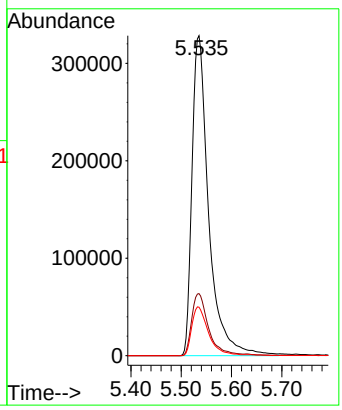


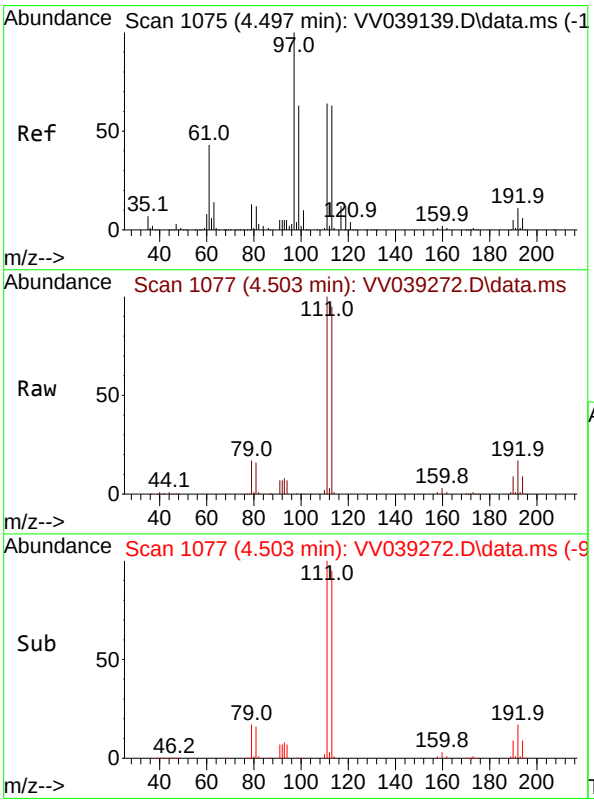
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Instrument :
MSVOA_V
ClientSampleId :
MW14DL

Tgt Ion:114 Resp: 756536

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	42.6
88	15.2	0.0	30.8

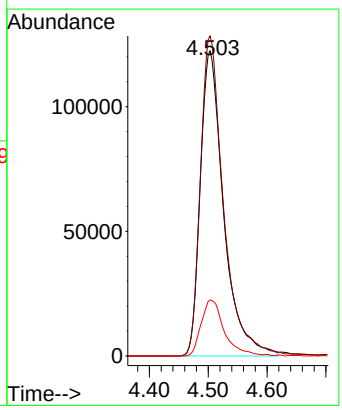


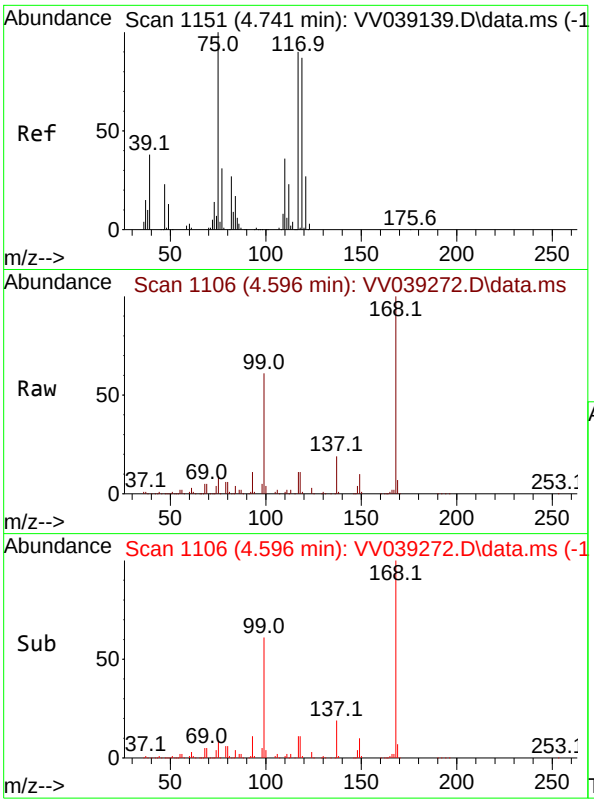


#35
Dibromofluoromethane
Concen: 55.398 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Tgt Ion:113 Resp: 336925

Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.4	123.6
192	18.1	13.8	20.8



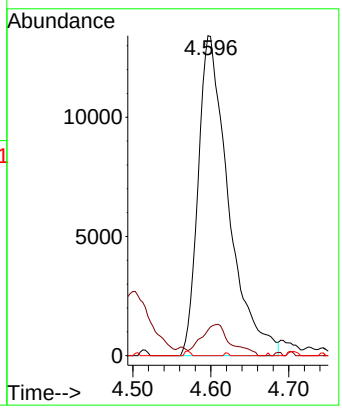


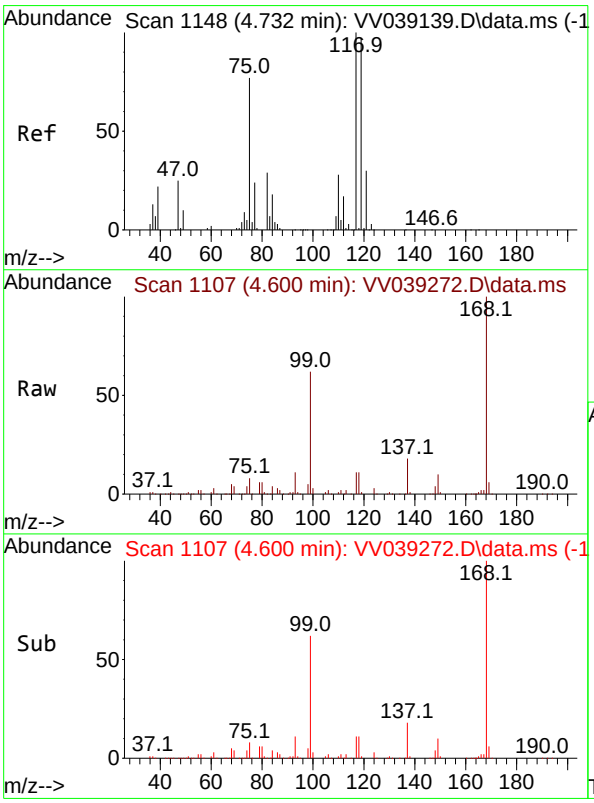
#36
1,1-Dichloropropene
Concen: 3.945 ug/l
RT: 4.596 min Scan# 11
Delta R.T. -0.145 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Instrument :
MSVOA_V
ClientSampleId :
MW14DL

Tgt Ion: 75 Resp: 36275

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.1#
77	0.0	24.8	37.2#

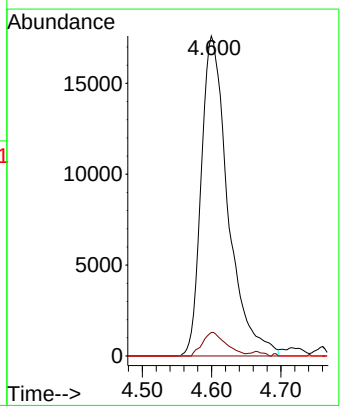


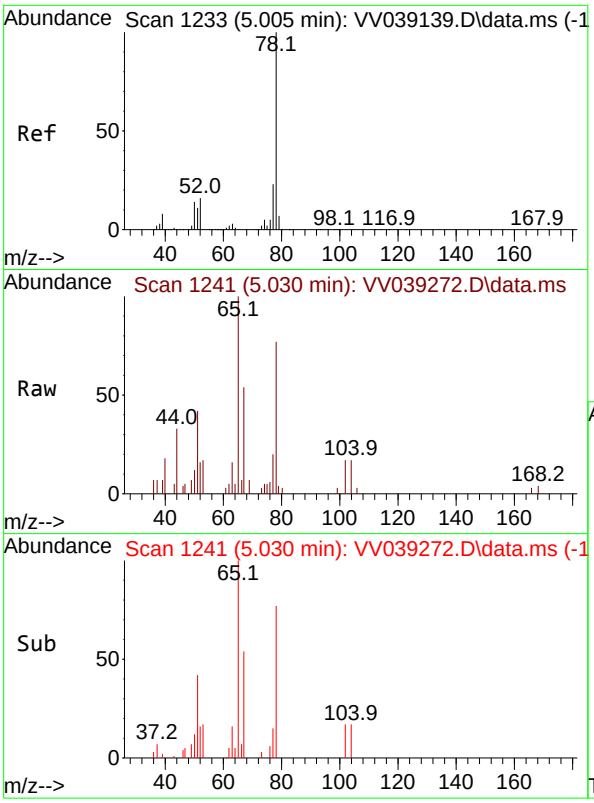


#38
Carbon Tetrachloride
Concen: 4.204 ug/l
RT: 4.600 min Scan# 1107
Delta R.T. -0.132 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Tgt Ion:117 Resp: 47247

Ion	Ratio	Lower	Upper
117	100		
119	7.3	77.2	115.8#
121	0.0	24.2	36.2#



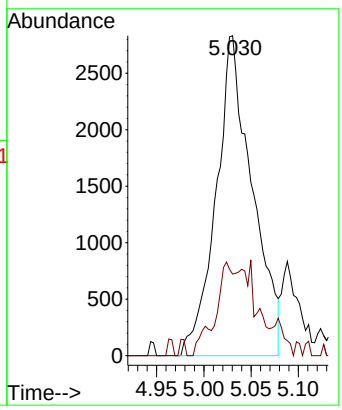


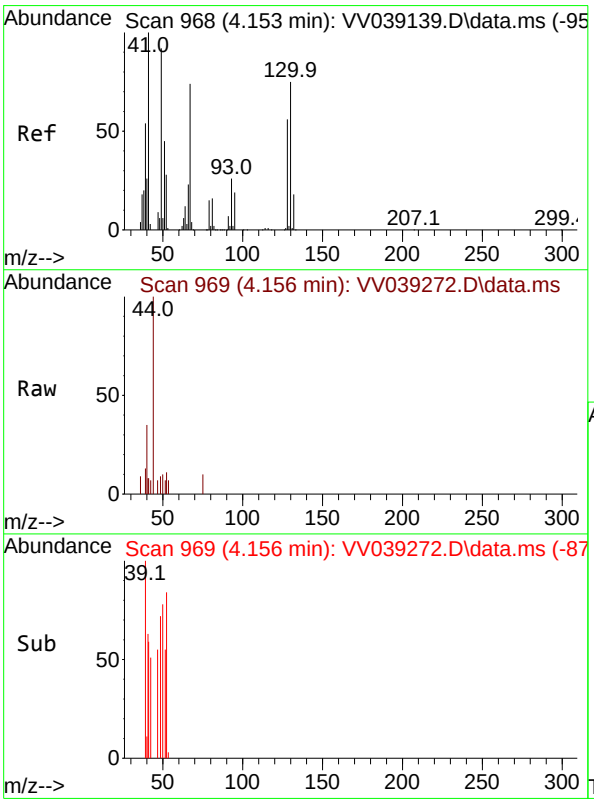
#40
Benzene
Concen: 0.252 ug/l
RT: 5.030 min Scan# 1
Delta R.T. 0.025 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Instrument :
MSVOA_V
ClientSampleId :
MW14DL

Tgt Ion: 78 Resp: 7534

Ion	Ratio	Lower	Upper
78	100		
77	25.5	18.7	28.1

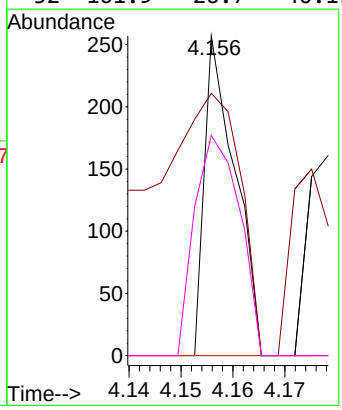


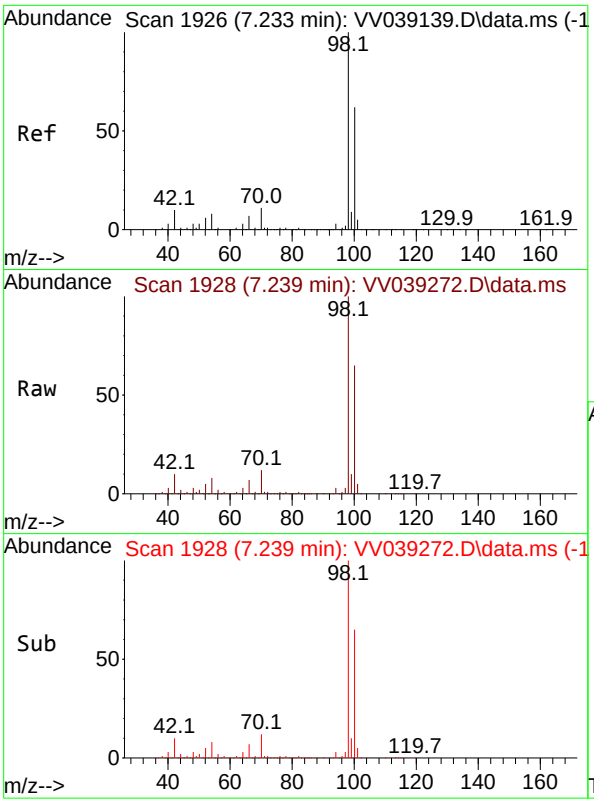


#41
Methacrylonitrile
Concen: 1.931 ug/l
RT: 4.156 min Scan# 969
Delta R.T. 0.003 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Tgt Ion: 41 Resp: 105

Ion	Ratio	Lower	Upper
41	100		
39	257.1	42.2	63.2#
67	0.0	67.9	101.9#
52	101.9	26.7	40.1#



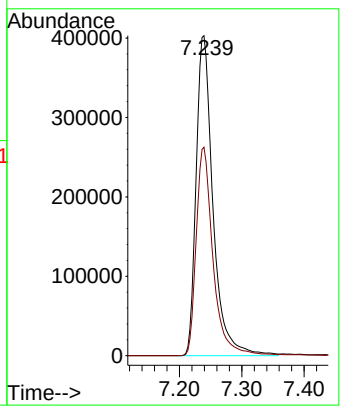


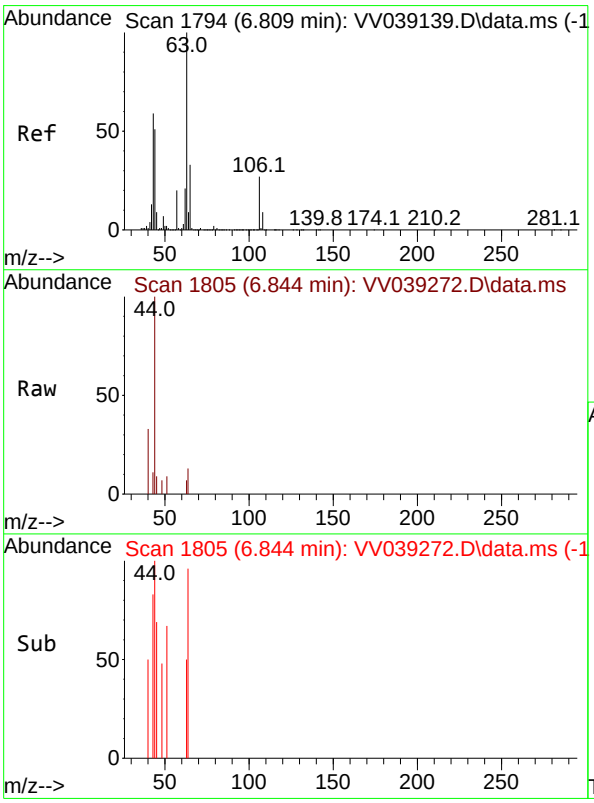
#50
Toluene-d8
Concen: 42.456 ug/l
RT: 7.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Instrument :
MSVOA_V
ClientSampleId :
MW14DL

Tgt Ion: 98 Resp: 758388

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2

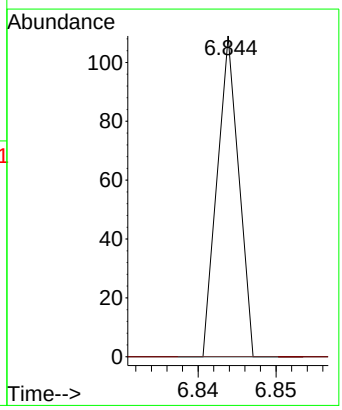


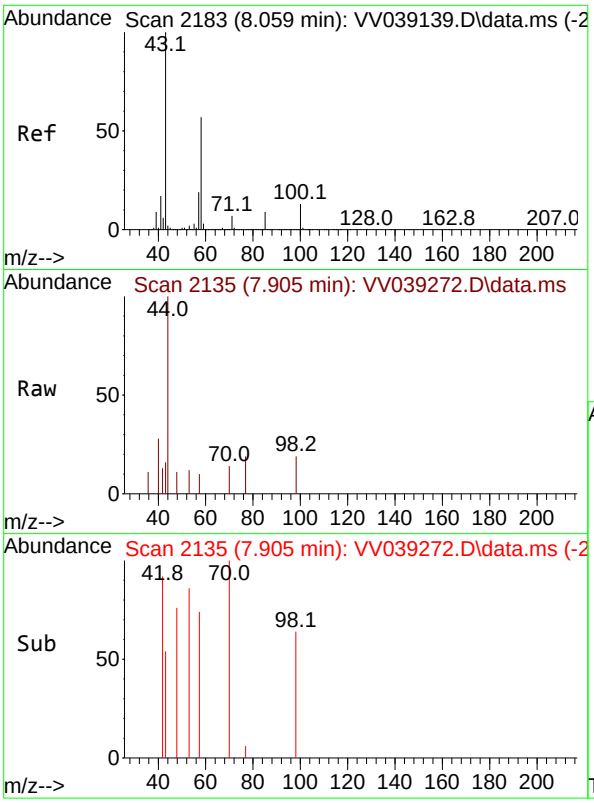


#58
2-Chloroethyl Vinyl ether
Concen: 9.627 ug/l
RT: 6.844 min Scan# 1805
Delta R.T. 0.035 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Tgt Ion: 63 Resp: 21

Ion	Ratio	Lower	Upper
63	100		
106	0.0	22.1	33.1#



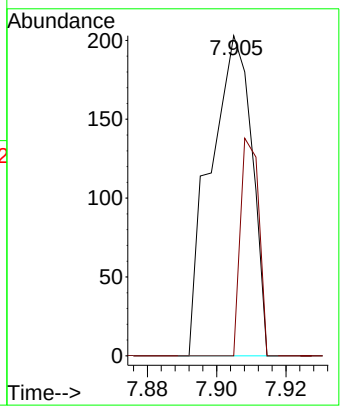


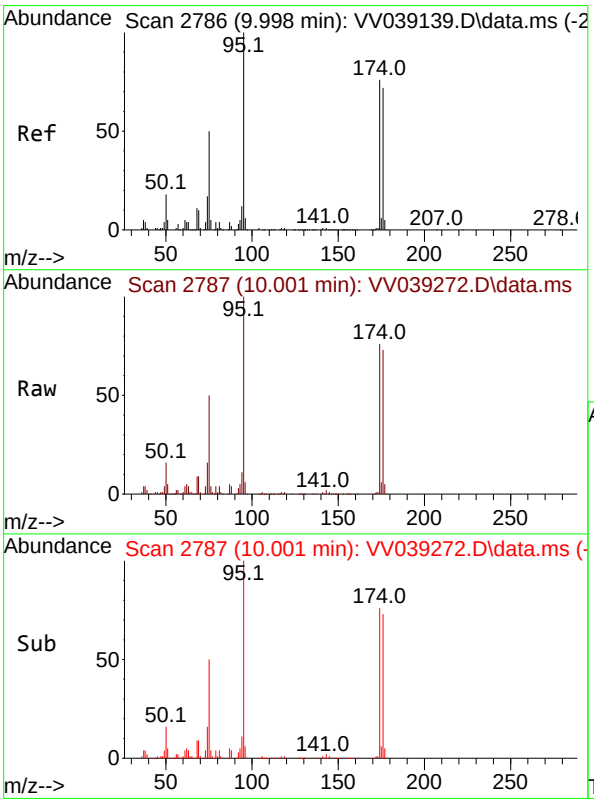
#59
2-Hexanone
Concen: 2.346 ug/l
RT: 7.905 min Scan# 21
Delta R.T. -0.154 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Instrument :
MSVOA_V
ClientSampleId :
MW14DL

Tgt Ion: 43 Resp: 169

Ion	Ratio	Lower	Upper
43	100		
58	30.2	28.3	85.0

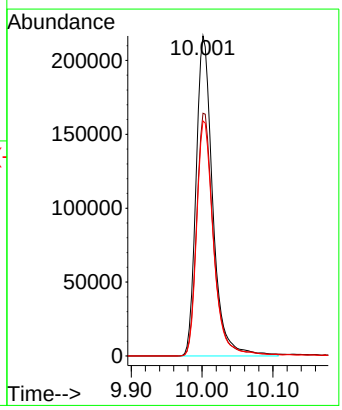


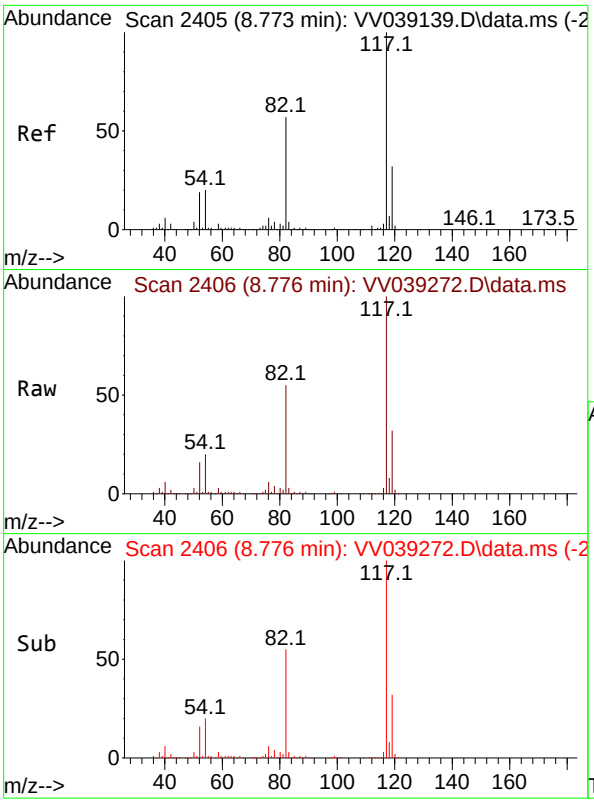


#62
4-Bromofluorobenzene
Concen: 48.063 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Tgt Ion: 95 Resp: 353438

Ion	Ratio	Lower	Upper
95	100		
174	77.0	0.0	150.4
176	74.3	0.0	144.2



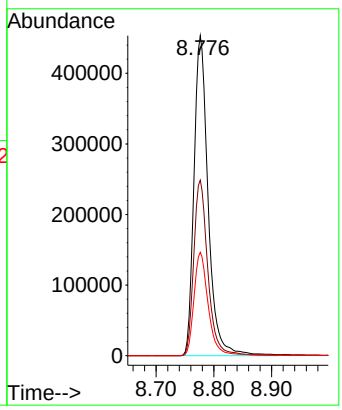


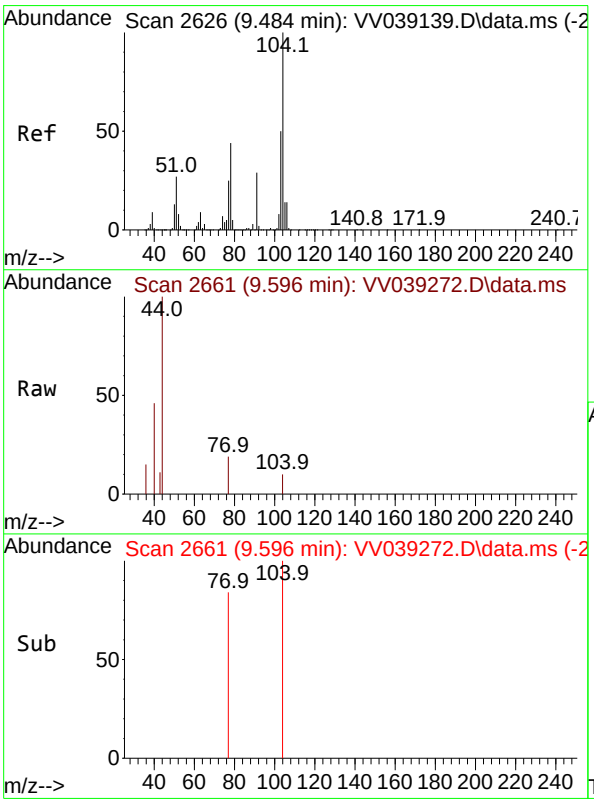
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Instrument :
MSVOA_V
ClientSampleId :
MW14DL

Tgt Ion:117 Resp: 773912

Ion	Ratio	Lower	Upper
117	100		
82	54.9	45.4	68.2
119	32.3	25.6	38.4

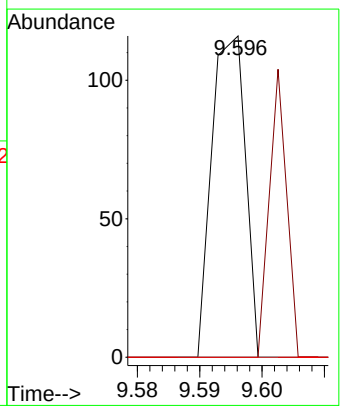


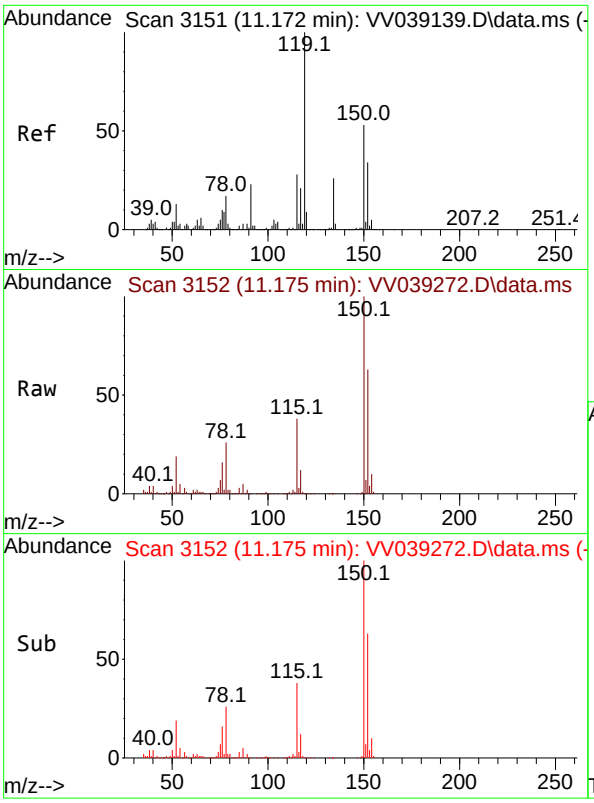


#70
Styrene
Concen: 1.563 ug/l
RT: 9.596 min Scan# 2661
Delta R.T. 0.112 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Tgt Ion:104 Resp: 43

Ion	Ratio	Lower	Upper
104	100		
78	46.5	39.8	59.6
103	0.0	43.4	65.2#



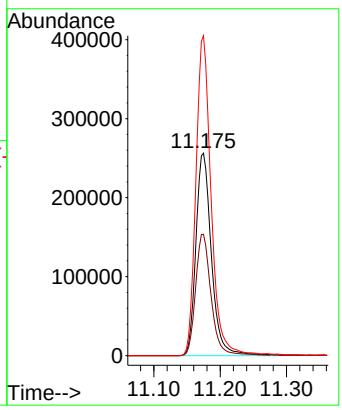


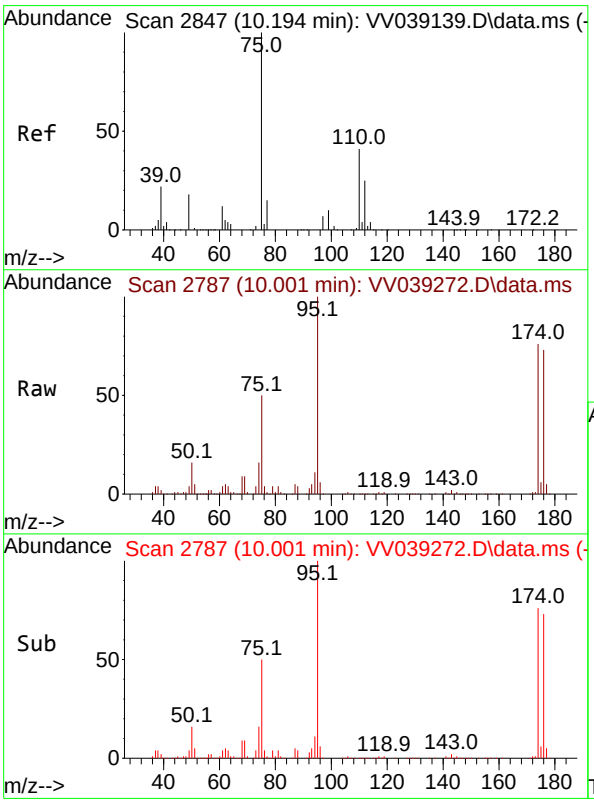
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Instrument :
MSVOA_V
ClientSampleId :
MW14DL

Tgt Ion:152 Resp: 417747

Ion	Ratio	Lower	Upper
152	100		
115	59.8	44.8	134.4
150	154.1	0.0	353.8

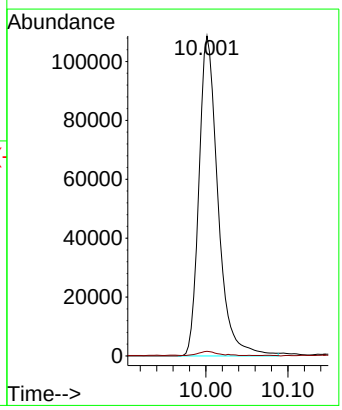


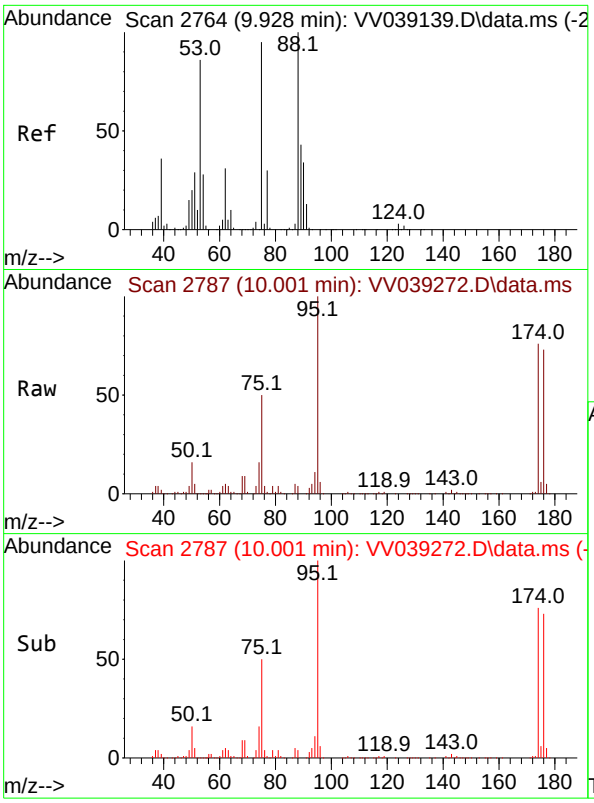


#76
1,2,3-Trichloropropane
Concen: 18.368 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. -0.193 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Tgt Ion: 75 Resp: 174706

Ion	Ratio	Lower	Upper
75	100		
77	1.2	11.3	33.8#



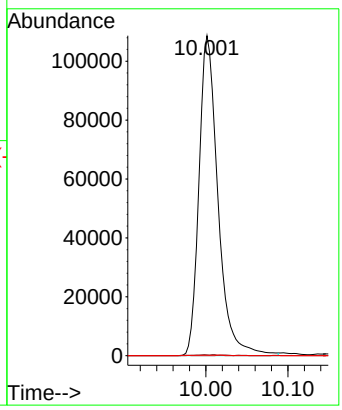


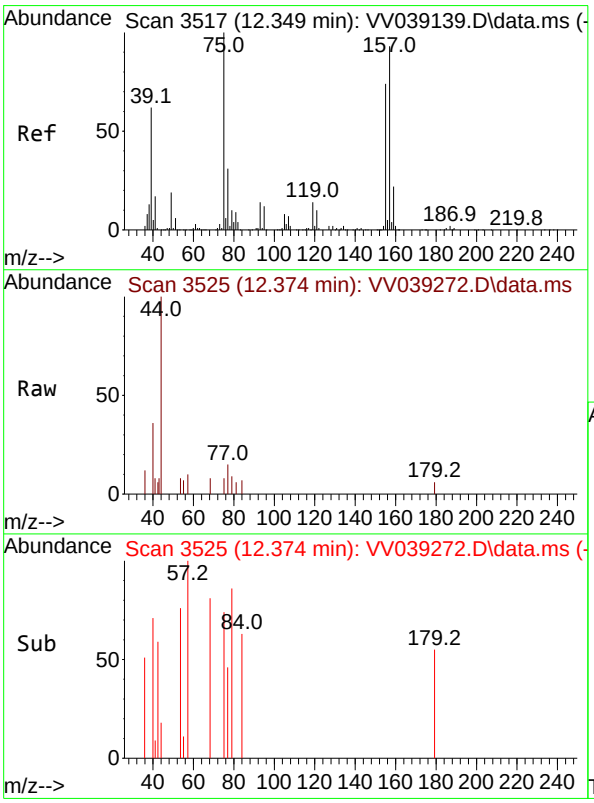
#81
trans-1,4-Dichloro-2-butene
Concen: 44.096 ug/l
RT: 10.001 min Scan# 2
Delta R.T. 0.074 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Instrument :
MSVOA_V
ClientSampleId :
MW14DL

Tgt Ion: 75 Resp: 174706

Ion	Ratio	Lower	Upper
75	100		
53	0.2	72.5	108.7#
89	0.0	37.2	55.8#





#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 12.374 min Scan# 3525
Delta R.T. 0.025 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

Tgt Ion: 75 Resp: 52

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