Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092625\
Data File : VV039206.D
Acq On : 26 Sep 2025 12:43
Operator : SY/MD
Sample : Q3195-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MOS-18-092225

Quant Time: Sep 27 02:54:12 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	335184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	584917	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.777	117	609610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	284053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	289205	59.616	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 119.240%#			
35) Dibromofluoromethane	4.503	113	273170	58.093	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 116.180%			
50) Toluene-d8	7.240	98	651040	47.141	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 94.280%			
62) 4-Bromofluorobenzene	10.002	95	249742	43.927	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 87.860%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	51494	9.705	ug/l	99
5) Bromomethane	1.507	94	965	0.251	ug/l #	52
6) Chloroethane	1.542	64	316	Below Cal	#	44
7) Trichlorofluoromethane	1.725	101	4326	0.490	ug/l #	71
9) 1,1,2-Trichlorotrifluo...	2.082	101	12904	2.456	ug/l	92
10) Methyl Iodide	2.208	142	1314	0.263	ug/l #	45
11) Tert butyl alcohol	2.577	59	665	0.649	ug/l #	34
13) Acrolein	2.021	56	230	1.293	ug/l	99
16) Acetone	2.127	43	8139	Below Cal	#	85
20) Methylene Chloride	2.455	84	2200	Below Cal	#	77
27) cis-1,2-Dichloroethene	3.838	96	16894	2.847	ug/l	90
31) Cyclohexane	4.603	56	6838	0.790	ug/l #	1
36) 1,1-Dichloropropene	4.603	75	29923	4.209	ug/l #	48
38) Carbon Tetrachloride	4.600	117	35522	4.088	ug/l #	16
41) Methacrylonitrile	4.182	41	21	1.916	ug/l #	1
44) Trichloroethene	5.851	130	11568	2.165	ug/l	80
49) 1,4-Dioxane	6.314	88	69	0.802	ug/l #	33
58) 2-Chloroethyl Vinyl ether	6.815	63	202	9.671	ug/l #	47
59) 2-Hexanone	7.944	43	75	2.338	ug/l	95
60) Dibromochloromethane	7.899	129	151955	22.158	ug/l #	10
64) Tetrachloroethene	7.899	164	166907	32.688	ug/l	99
70) Styrene	9.590	104	42	1.564	ug/l #	1
76) 1,2,3-Trichloropropane	10.002	75	123387	19.078	ug/l #	56
81) trans-1,4-Dichloro-2-b...	10.002	75	123387	45.801	ug/l #	13
92) 1,2-Dibromo-3-Chloropr...	12.362	75	20	Below Cal	#	5

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

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Instrument :
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ClientSampleId :
MOS-18-092225

Quant Time: Sep 27 02:54:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
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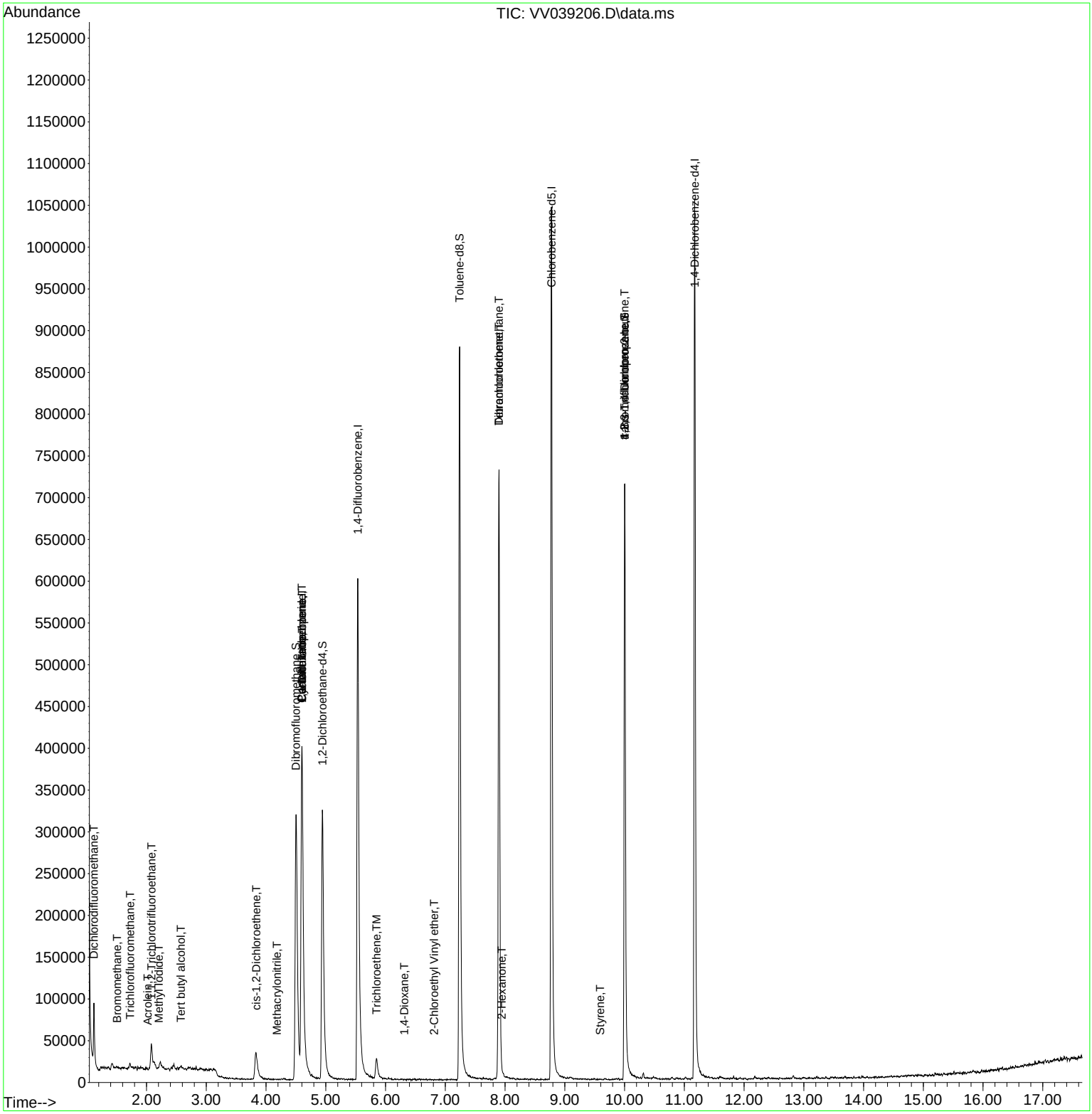
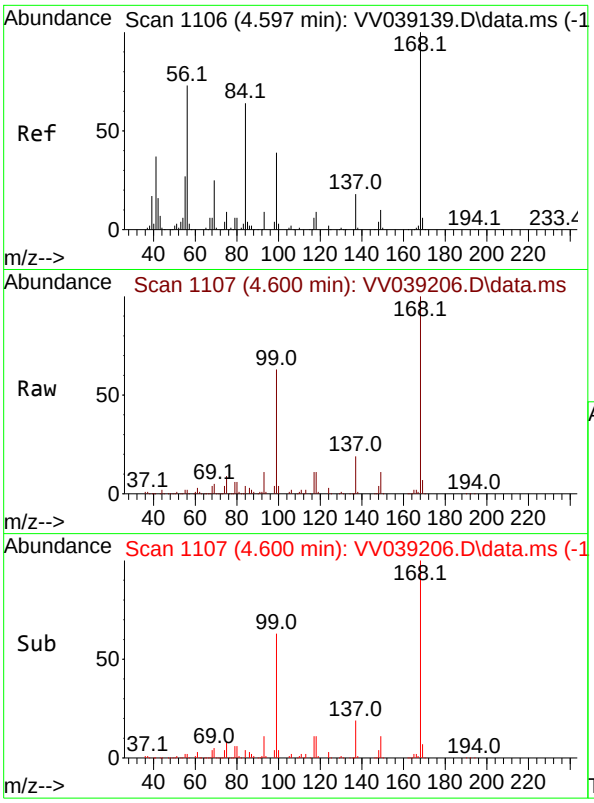
Response via : Initial Calibration



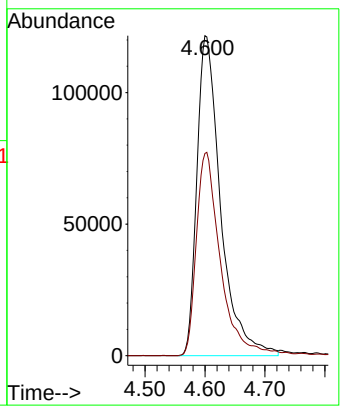


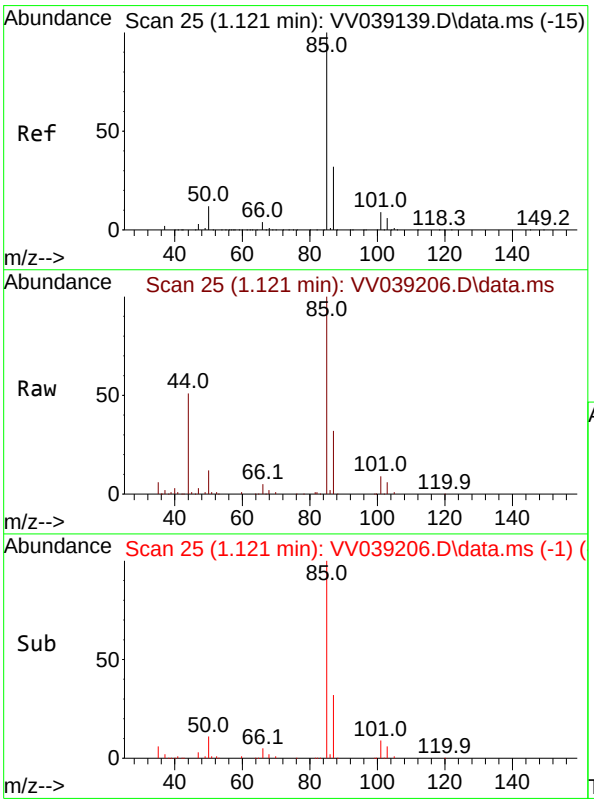
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

Instrument :
MSVOA_V
ClientSampleId :
MOS-18-092225

Tgt Ion:168 Resp: 335184

Ion	Ratio	Lower	Upper
168	100		
99	63.2	49.6	74.4

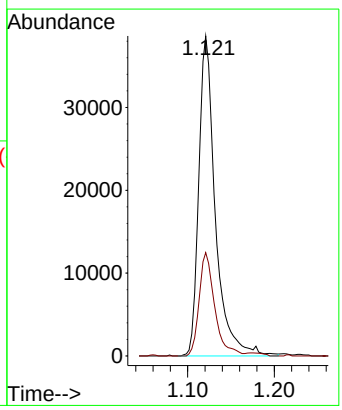


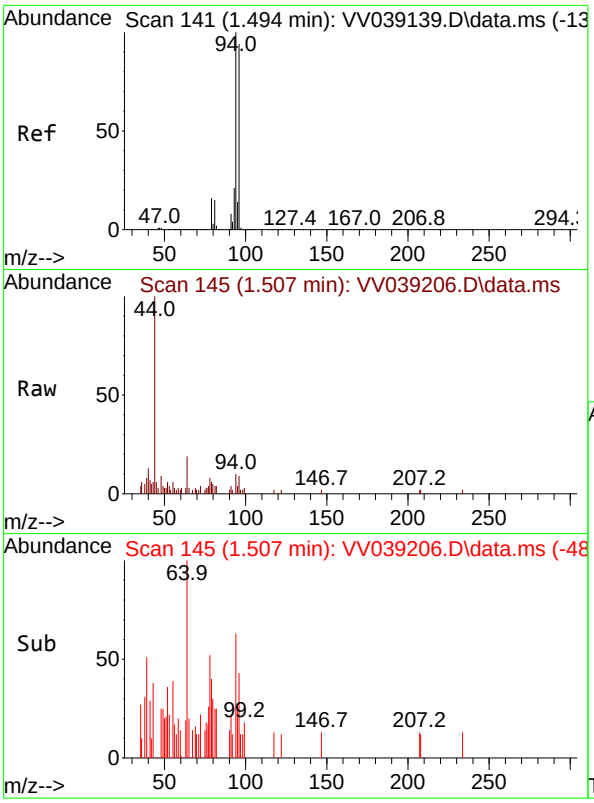


#2
Dichlorodifluoromethane
Concen: 9.705 ug/l
RT: 1.121 min Scan# 25
Delta R.T. 0.000 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

Tgt Ion: 85 Resp: 51494

Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.0	47.9



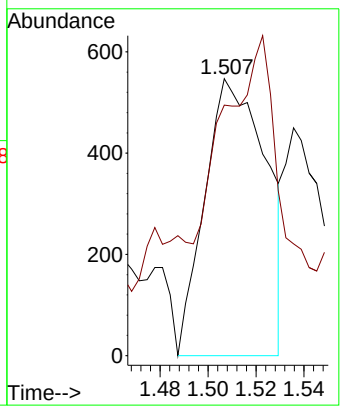


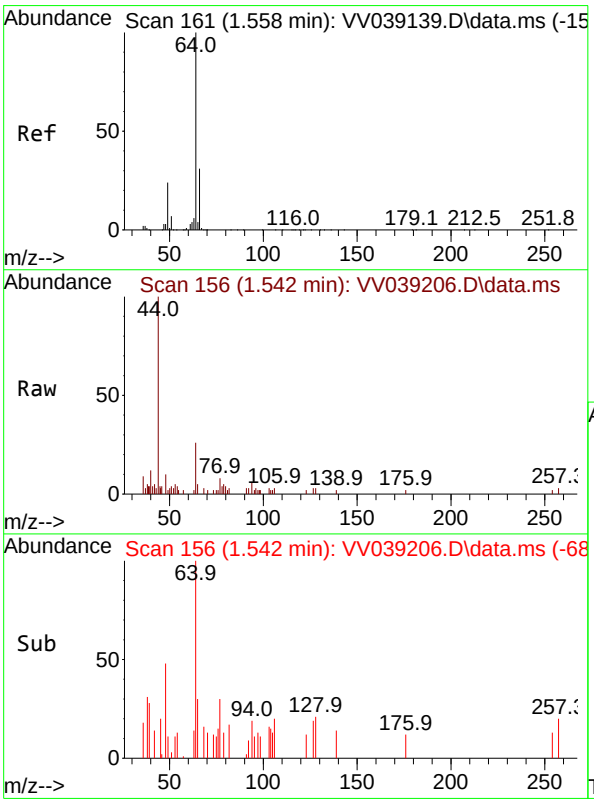
#5
Bromomethane
Concen: 0.251 ug/l
RT: 1.507 min Scan# 14
Delta R.T. 0.013 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

Instrument :
MSVOA_V
ClientSampleId :
MOS-18-092225

Tgt Ion: 94 Resp: 965

Ion	Ratio	Lower	Upper
94	100		
96	47.2	74.9	112.3#

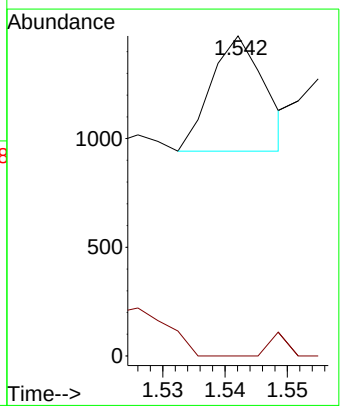


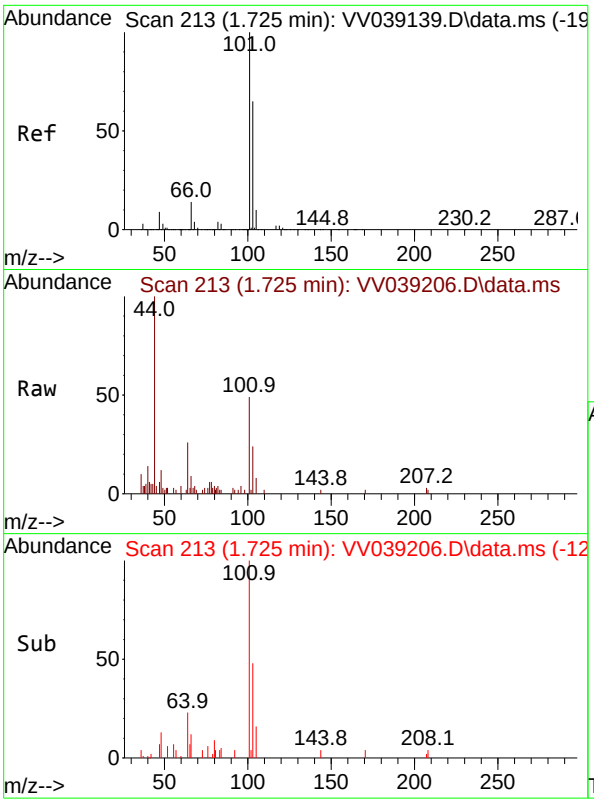


#6
Chloroethane
Concen: Below Cal
RT: 1.542 min Scan# 156
Delta R.T. -0.016 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

Tgt Ion: 64 Resp: 316

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	36.8#



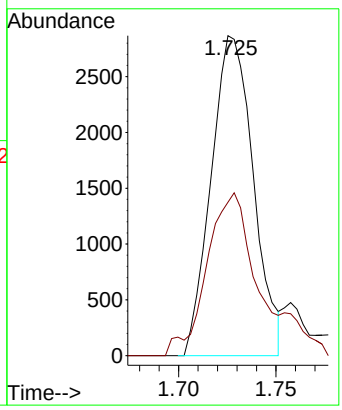


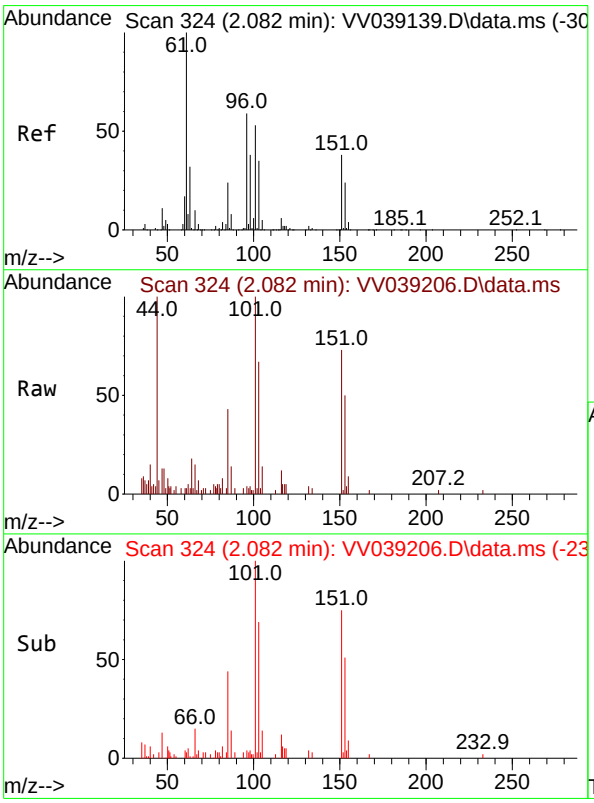
#7
Trichlorofluoromethane
Concen: 0.490 ug/l
RT: 1.725 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

Instrument :
MSVOA_V
ClientSampleId :
MOS-18-092225

Tgt Ion:101 Resp: 4326

Ion	Ratio	Lower	Upper
101	100		
103	42.1	52.0	78.0#

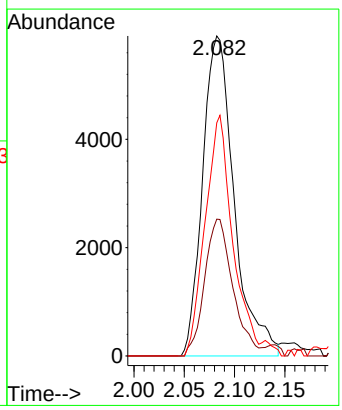


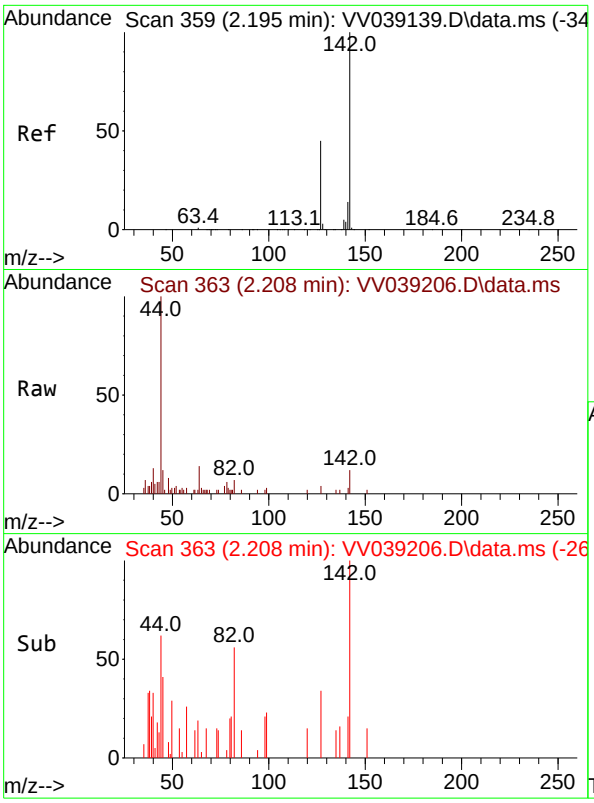


#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.456 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

Tgt Ion:101 Resp: 12904

Ion	Ratio	Lower	Upper
101	100		
85	38.4	36.2	54.2
151	65.7	56.3	84.5



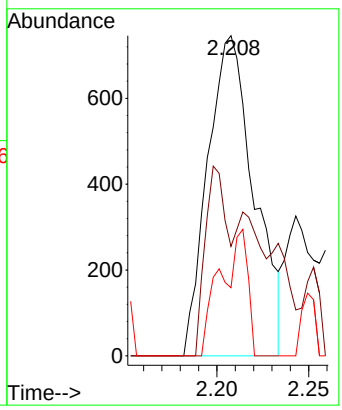


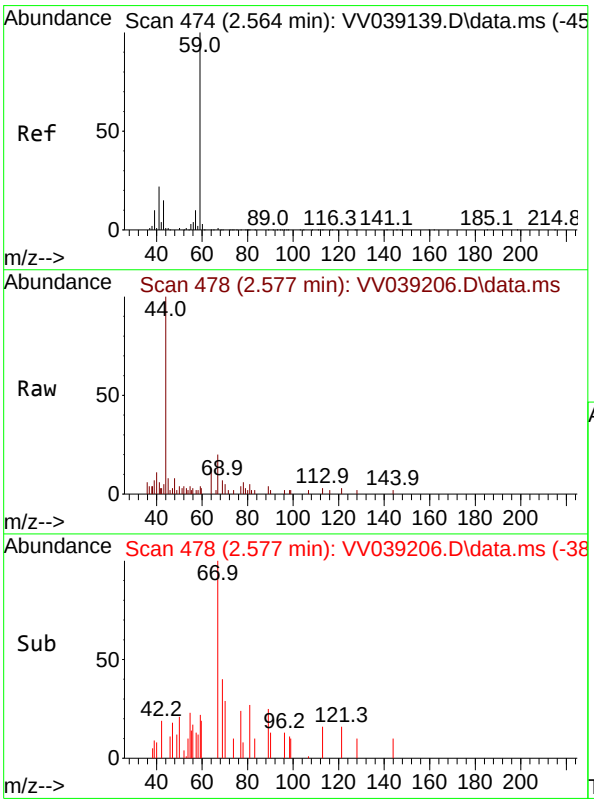
#10
Methyl Iodide
Concen: 0.263 ug/l
RT: 2.208 min Scan# 3
Delta R.T. 0.013 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

Instrument :
MSVOA_V
ClientSampleId :
MOS-18-092225

Tgt Ion:142 Resp: 1314

Ion	Ratio	Lower	Upper
142	100		
127	0.0	36.3	54.5#
141	11.0	11.2	16.8#

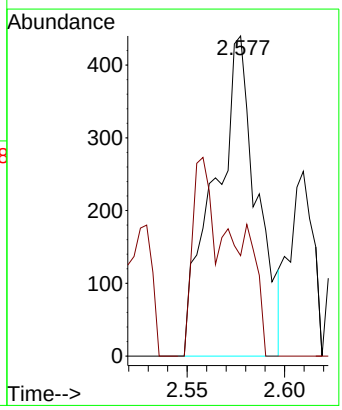


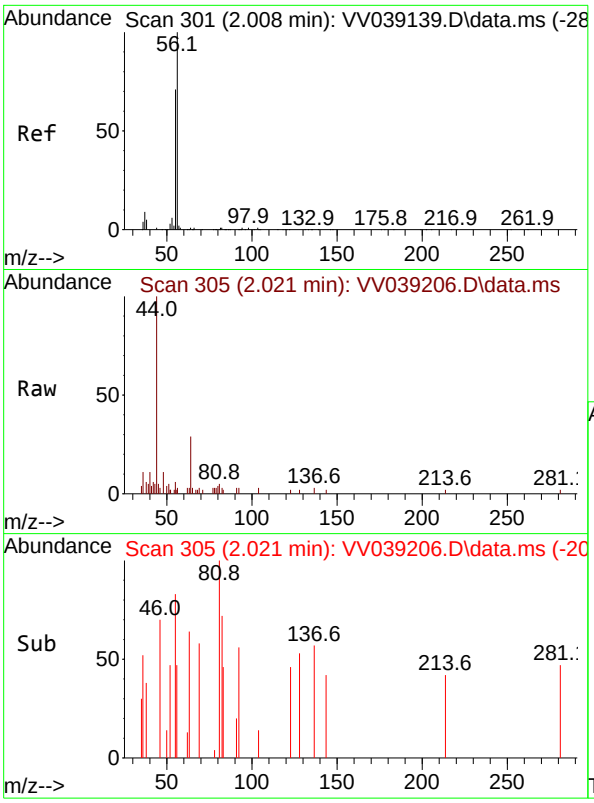


#11
Tert butyl alcohol
Concen: 0.649 ug/l
RT: 2.577 min Scan# 478
Delta R.T. 0.013 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

Tgt Ion: 59 Resp: 665

Ion	Ratio	Lower	Upper
59	100		
57	34.1	7.8	11.8#



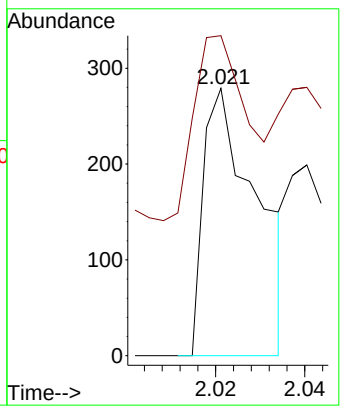


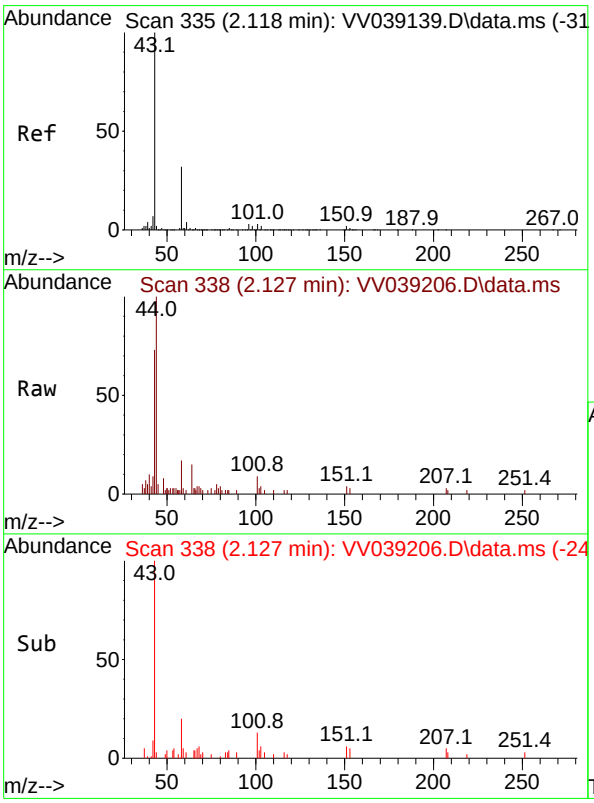
#13
Acrolein
Concen: 1.293 ug/l
RT: 2.021 min Scan# 3(
Delta R.T. 0.013 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

Instrument :
MSVOA_V
ClientSampleId :
MOS-18-092225

Tgt Ion: 56 Resp: 230

Ion	Ratio	Lower	Upper
56	100		
55	69.6	56.2	84.4

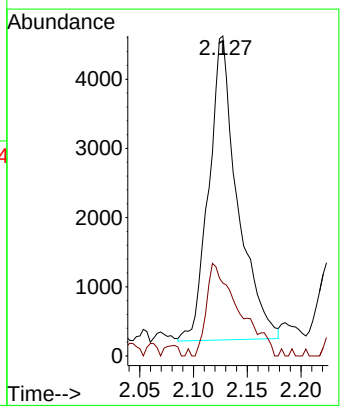


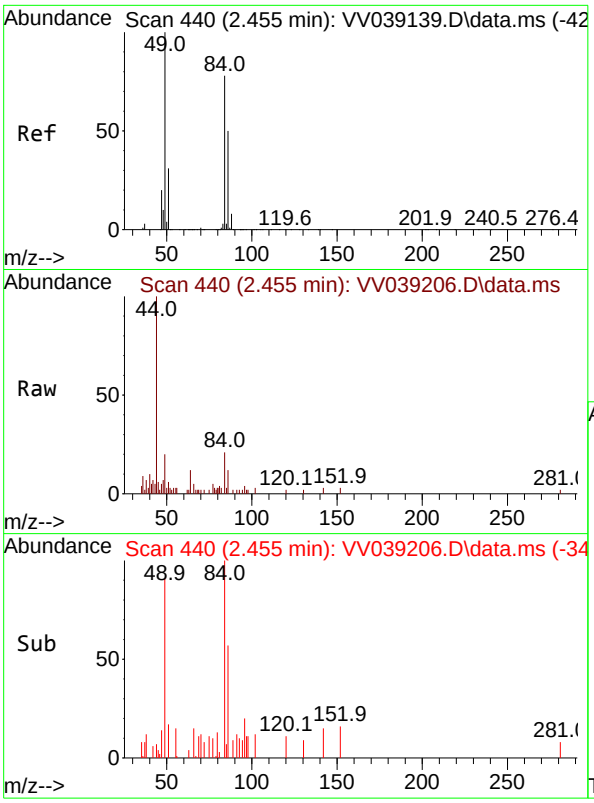


#16
Acetone
Concen: Below Cal
RT: 2.127 min Scan# 338
Delta R.T. 0.009 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

Tgt Ion: 43 Resp: 8139

Ion	Ratio	Lower	Upper
43	100		
58	24.1	25.8	38.6#



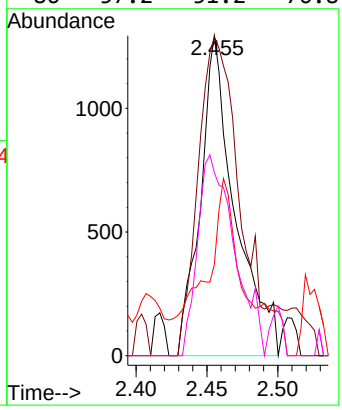


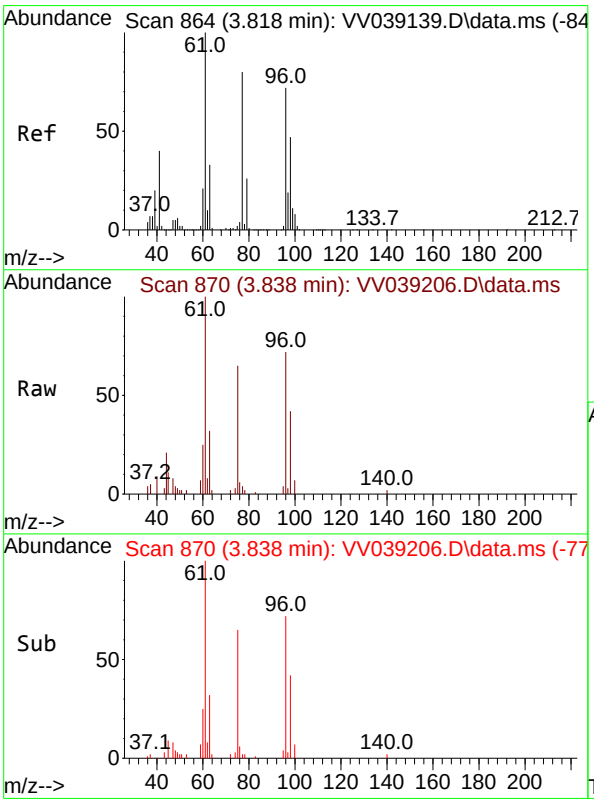
#20
Methylene Chloride
Concen: Below Cal
RT: 2.455 min Scan# 44
Delta R.T. 0.000 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

Instrument :
MSVOA_V
ClientSampleId :
MOS-18-092225

Tgt Ion: 84 Resp: 2200

Ion	Ratio	Lower	Upper
84	100		
49	99.7	102.8	154.2#
51	16.0	31.9	47.9#
86	57.2	51.2	76.8

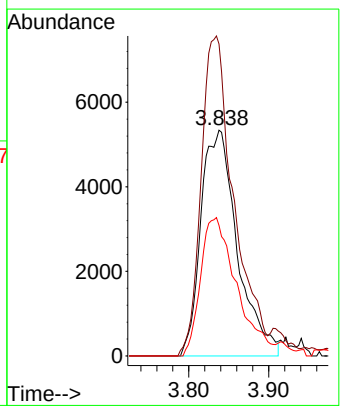


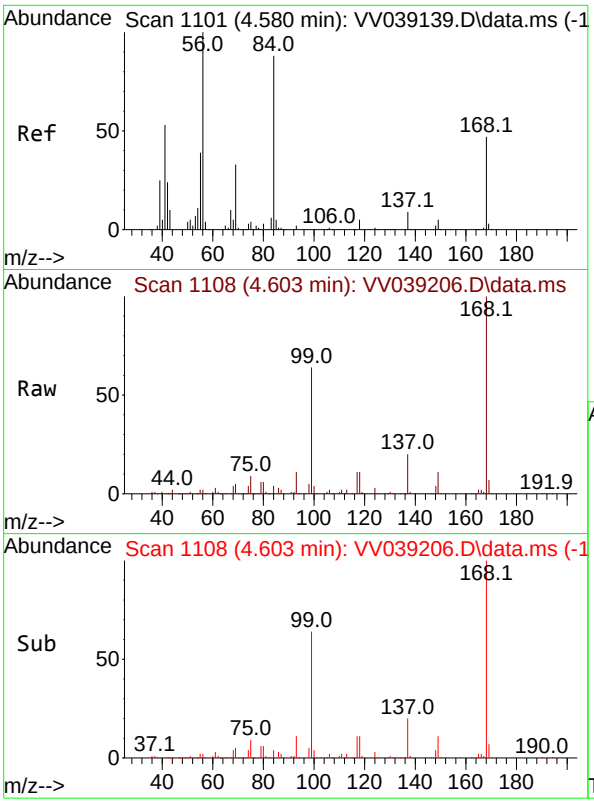


#27
cis-1,2-Dichloroethene
Concen: 2.847 ug/l
RT: 3.838 min Scan# 870
Delta R.T. 0.019 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

Tgt Ion: 96 Resp: 16894

Ion	Ratio	Lower	Upper
96	100		
61	127.1	0.0	286.4
98	60.9	0.0	126.6



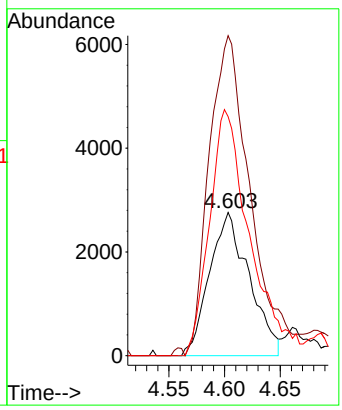


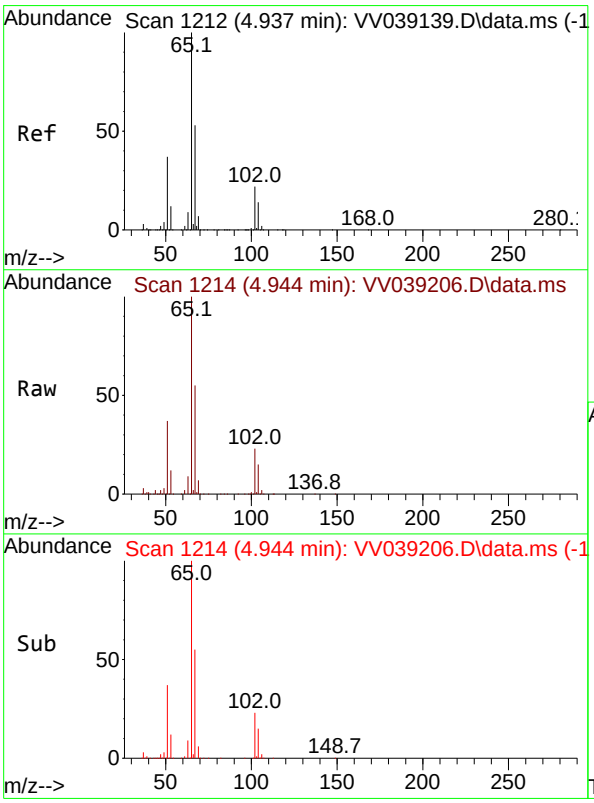
#31
Cyclohexane
Concen: 0.790 ug/l
RT: 4.603 min Scan# 11
Delta R.T. 0.023 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

Instrument :
MSVOA_V
ClientSampleId :
MOS-18-092225

Tgt Ion: 56 Resp: 6838

Ion	Ratio	Lower	Upper
56	100		
69	218.1	26.2	39.2#
84	167.0	70.3	105.5#

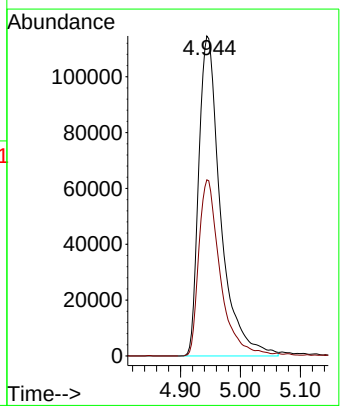


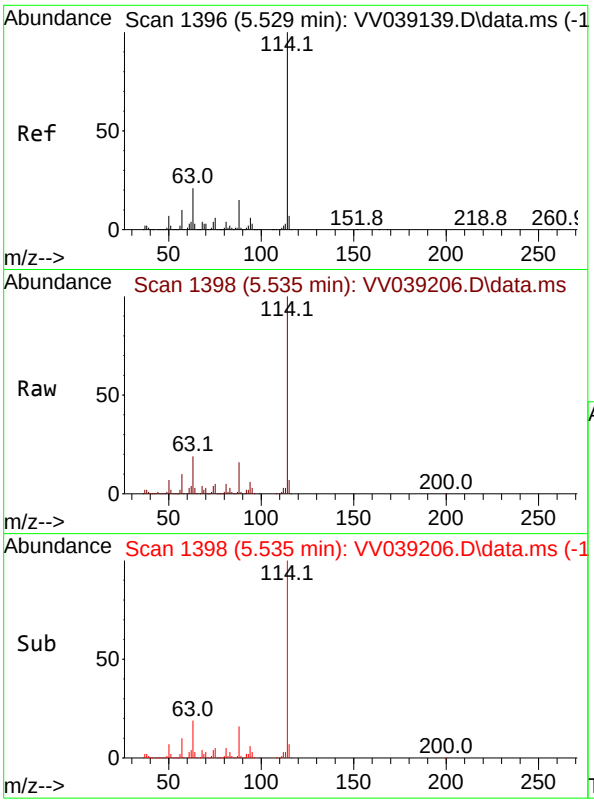


#33
1,2-Dichloroethane-d4
Concen: 59.616 ug/l
RT: 4.944 min Scan# 1214
Delta R.T. 0.007 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

Tgt Ion: 65 Resp: 289205

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	107.0



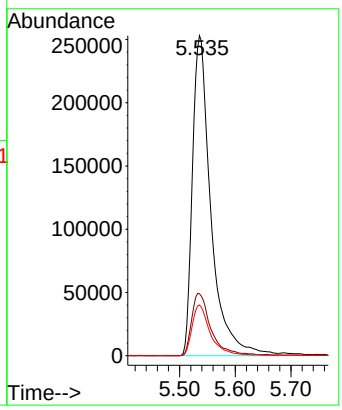


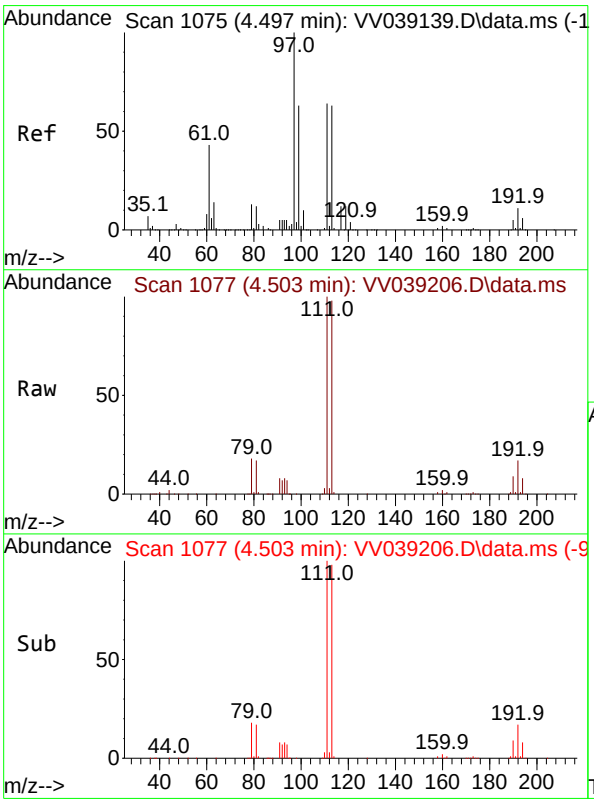
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

Instrument :
MSVOA_V
ClientSampleId :
MOS-18-092225

Tgt Ion:114 Resp: 584917

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	42.6
88	15.8	0.0	30.8

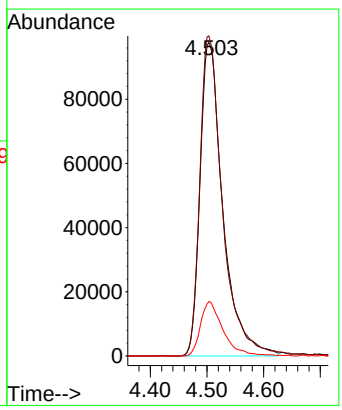


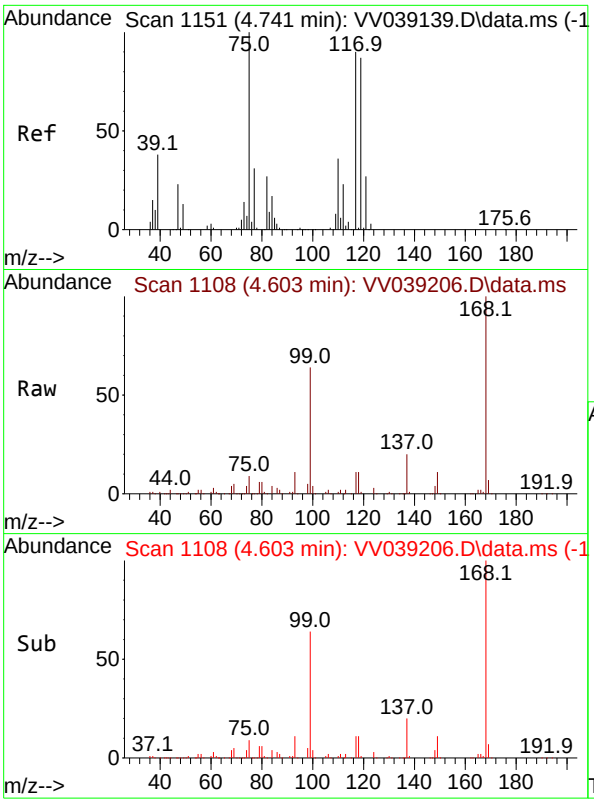


#35
Dibromofluoromethane
Concen: 58.093 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.007 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

Tgt Ion:113 Resp: 273170

Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.4	123.6
192	17.1	13.8	20.8



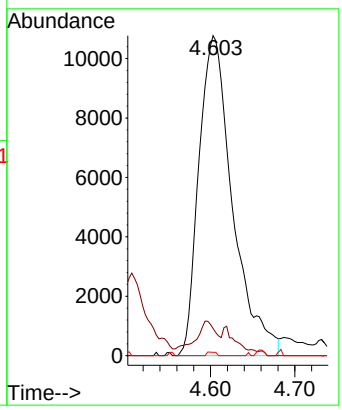


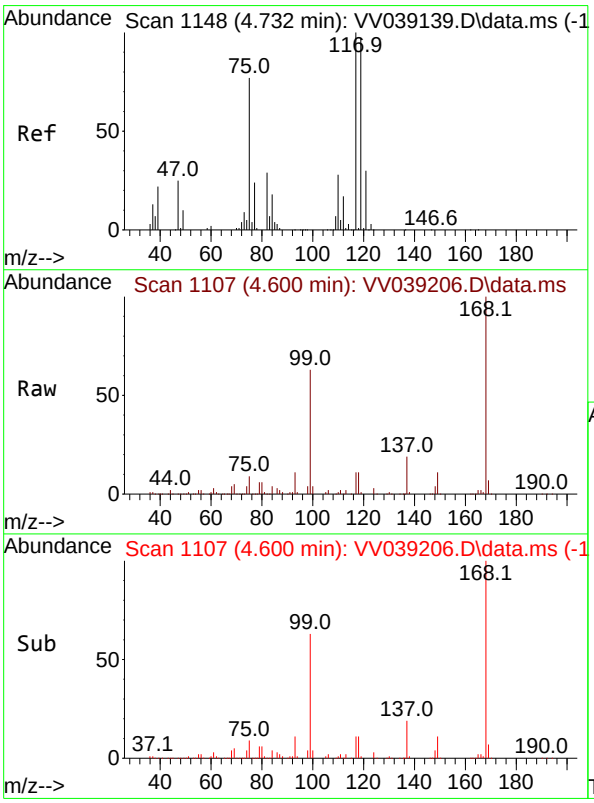
#36
1,1-Dichloropropene
Concen: 4.209 ug/l
RT: 4.603 min Scan# 11
Delta R.T. -0.138 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

Instrument :
MSVOA_V
ClientSampleId :
MOS-18-092225

Tgt Ion: 75 Resp: 29923

Ion	Ratio	Lower	Upper
75	100		
110	7.2	18.1	54.1#
77	0.3	24.8	37.2#

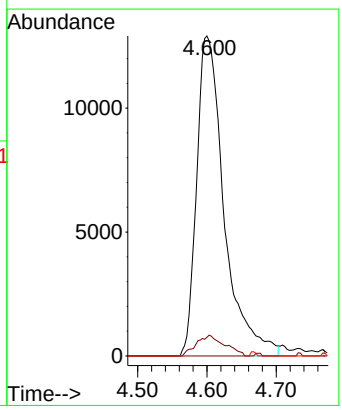


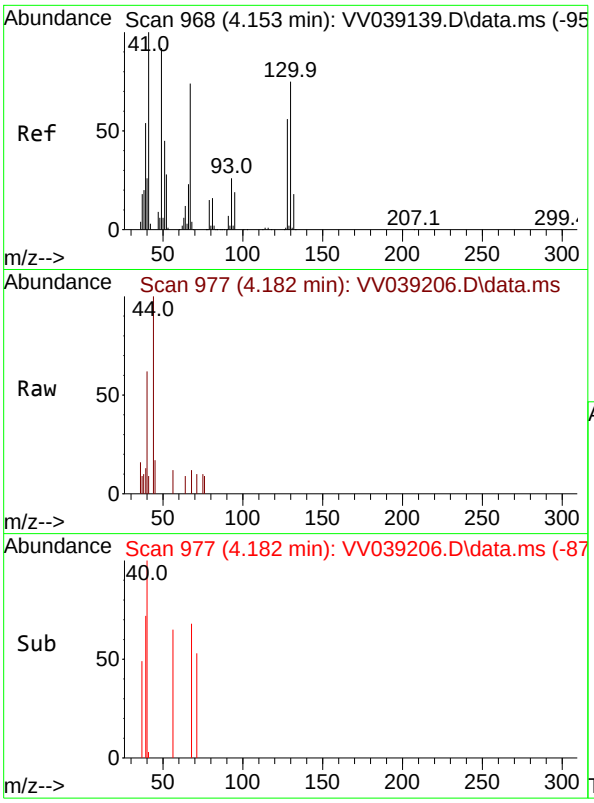


#38
Carbon Tetrachloride
Concen: 4.088 ug/l
RT: 4.600 min Scan# 1107
Delta R.T. -0.132 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

Tgt Ion:117 Resp: 35522

Ion	Ratio	Lower	Upper
117	100		
119	5.8	77.2	115.8#
121	0.0	24.2	36.2#



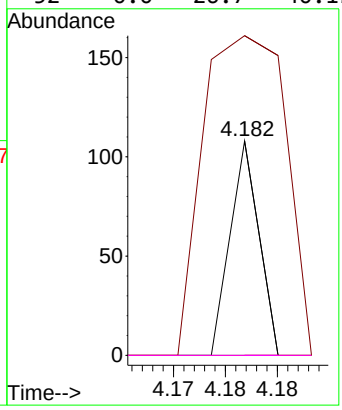


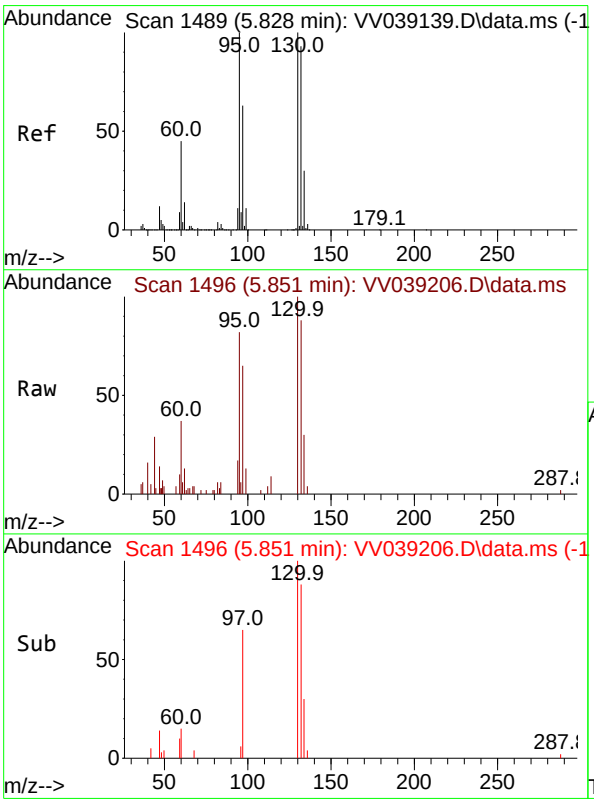
#41
Methacrylonitrile
Concen: 1.916 ug/l
RT: 4.182 min Scan# 9
Delta R.T. 0.029 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

Instrument :
MSVOA_V
ClientSampleId :
MOS-18-092225

Tgt Ion: 41 Resp: 21

Ion	Ratio	Lower	Upper
41	100		
39	423.8	42.2	63.2#
67	0.0	67.9	101.9#
52	0.0	26.7	40.1#

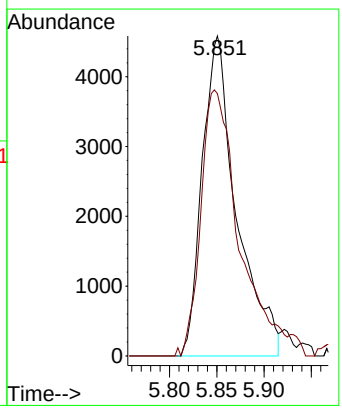


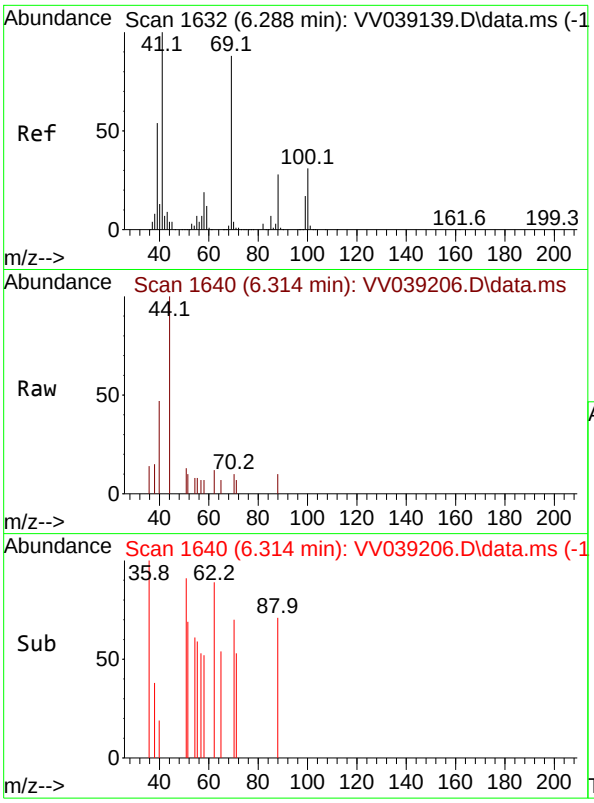


#44
Trichloroethene
Concen: 2.165 ug/l
RT: 5.851 min Scan# 1496
Delta R.T. 0.023 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

Tgt Ion:130 Resp: 11568

Ion	Ratio	Lower	Upper
130	100		
95	79.5	0.0	199.2



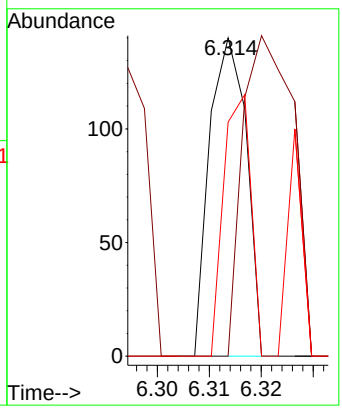


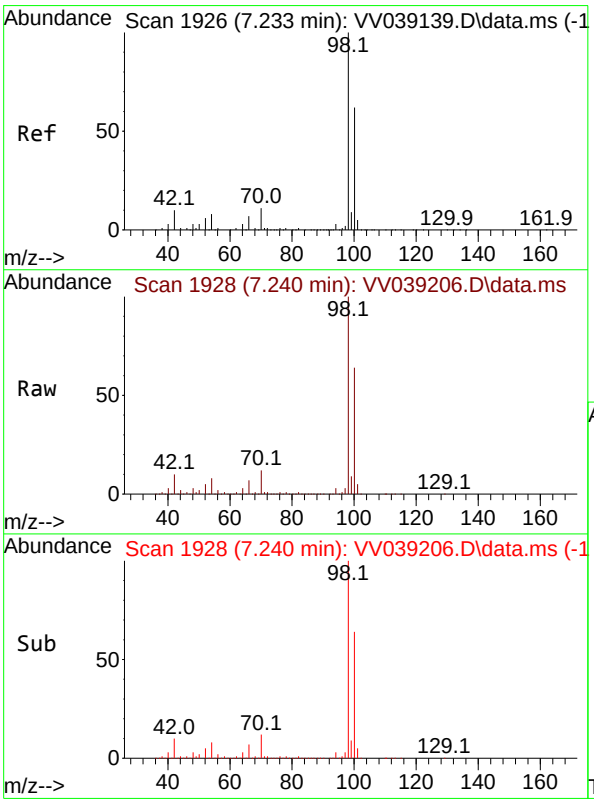
#49
1,4-Dioxane
Concen: 0.802 ug/l
RT: 6.314 min Scan# 1
Delta R.T. 0.026 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

Instrument :
MSVOA_V
ClientSampleId :
MOS-18-092225

Tgt Ion: 88 Resp: 69

Ion	Ratio	Lower	Upper
88	100		
43	137.7	25.1	37.7#
58	60.9	53.6	80.4

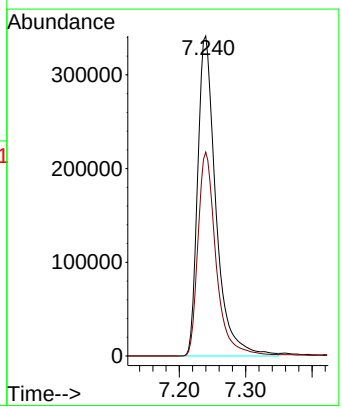


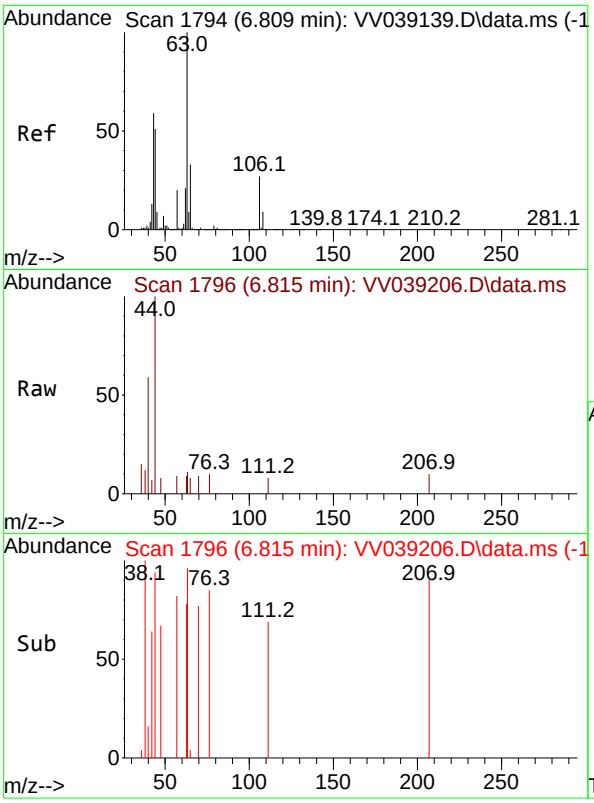


#50
Toluene-d8
Concen: 47.141 ug/l
RT: 7.240 min Scan# 1928
Delta R.T. 0.007 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

Tgt Ion: 98 Resp: 651040

Ion	Ratio	Lower	Upper
98	100		
100	63.5	52.2	78.2



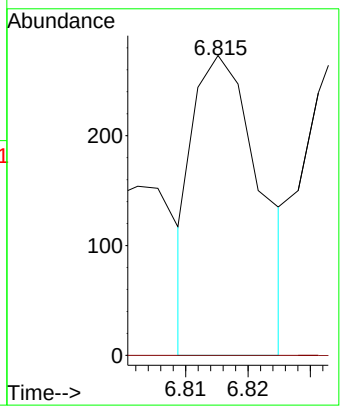


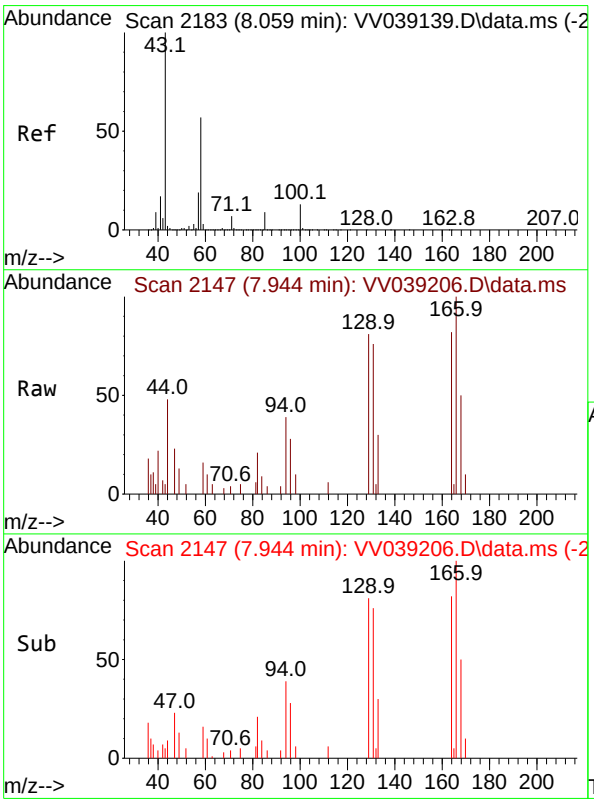
#58
2-Chloroethyl Vinyl ether
Concen: 9.671 ug/l
RT: 6.815 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

Instrument :
MSVOA_V
ClientSampleId :
MOS-18-092225

Tgt Ion: 63 Resp: 202

Ion	Ratio	Lower	Upper
63	100		
106	0.0	22.1	33.1#

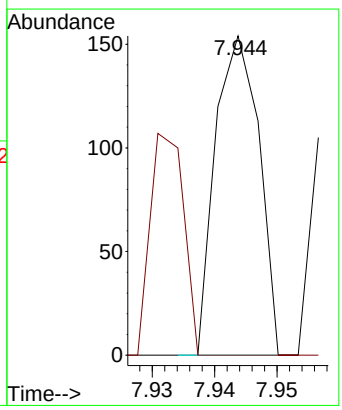


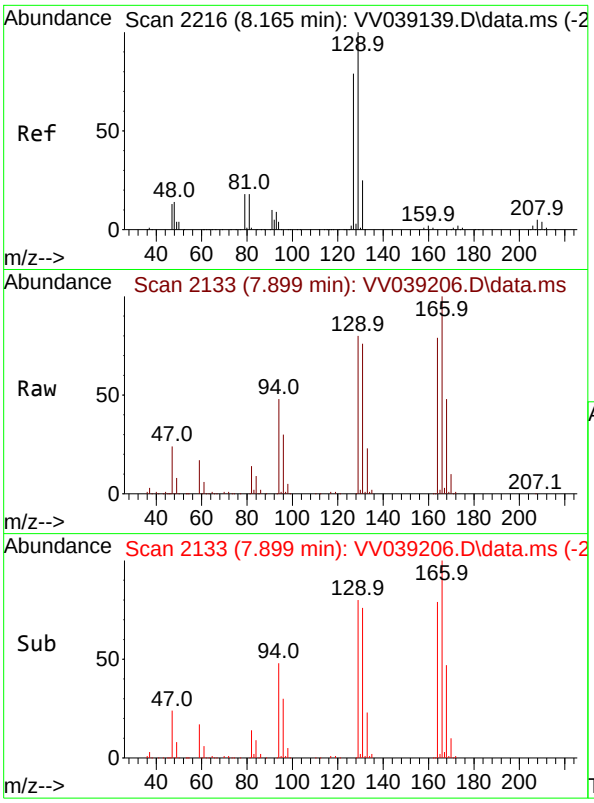


#59
2-Hexanone
Concen: 2.338 ug/l
RT: 7.944 min Scan# 2147
Delta R.T. -0.115 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

Tgt Ion: 43 Resp: 75

Ion	Ratio	Lower	Upper
43	100		
58	53.3	28.3	85.0



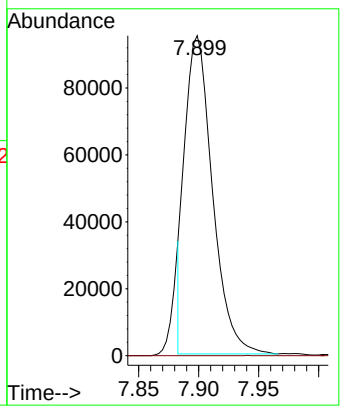


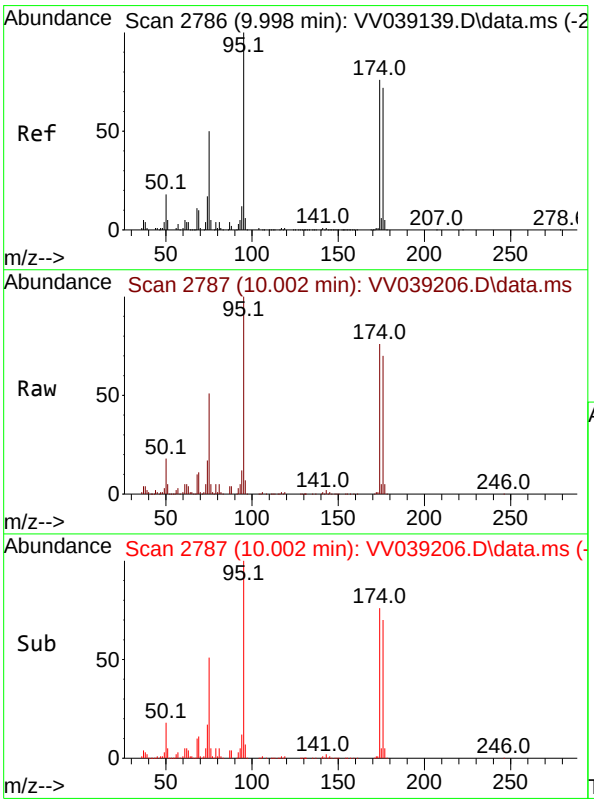
#60
Dibromochloromethane
Concen: 22.158 ug/l
RT: 7.899 min Scan# 21
Delta R.T. -0.267 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

Instrument :
MSVOA_V
ClientSampleId :
MOS-18-092225

Tgt Ion:129 Resp: 151955

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.3	117.9#

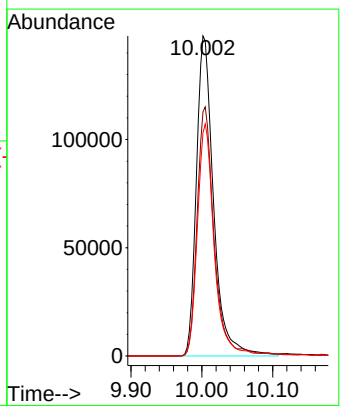


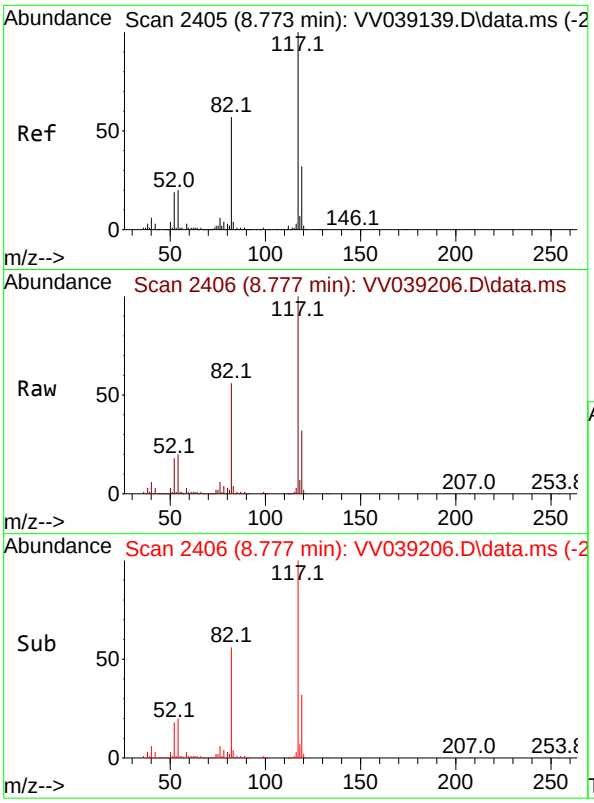


#62
4-Bromofluorobenzene
Concen: 43.927 ug/l
RT: 10.002 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

Tgt Ion: 95 Resp: 249742

Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	150.4
176	70.3	0.0	144.2



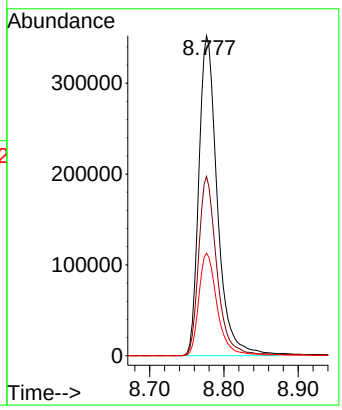


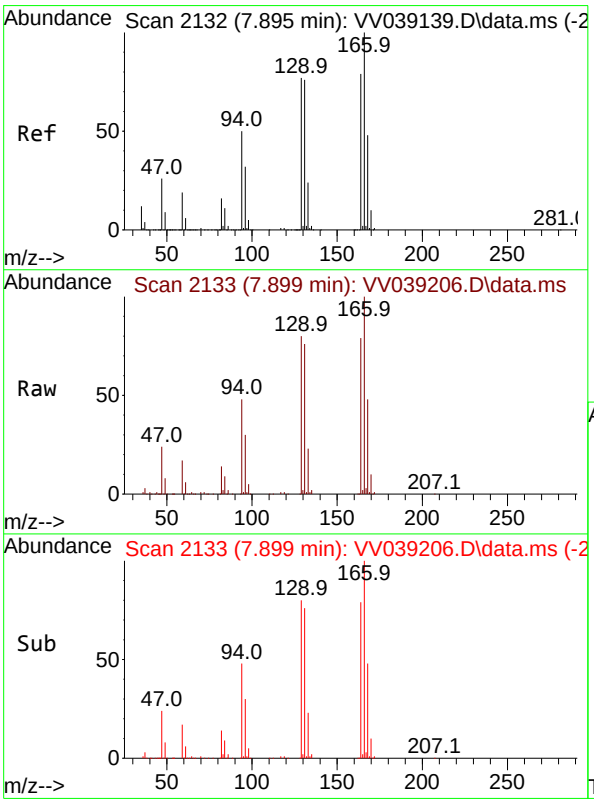
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.777 min Scan# 24
Delta R.T. 0.004 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

Instrument :
MSVOA_V
ClientSampleId :
MOS-18-092225

Tgt Ion:117 Resp: 609610

Ion	Ratio	Lower	Upper
117	100		
82	56.0	45.4	68.2
119	32.1	25.6	38.4

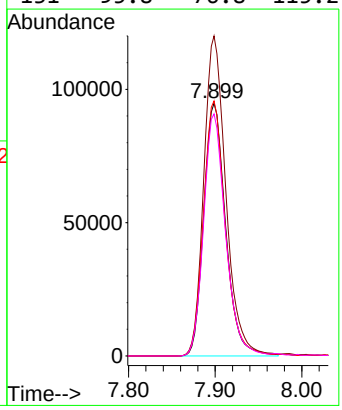


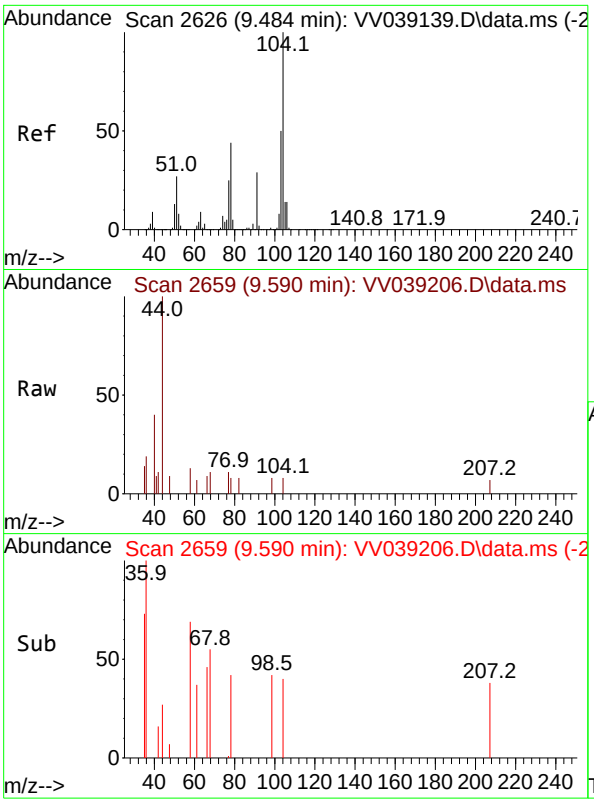


#64
Tetrachloroethene
Concen: 32.688 ug/l
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

Tgt Ion:164 Resp: 166907

Ion	Ratio	Lower	Upper
164	100		
166	126.6	101.6	152.4
129	100.9	78.5	117.7
131	95.8	76.8	115.2



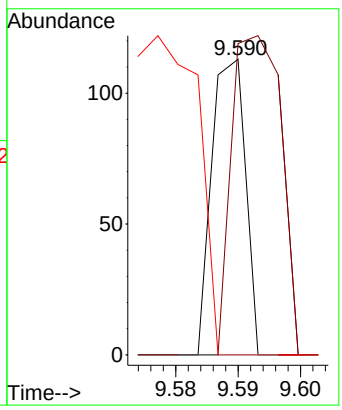


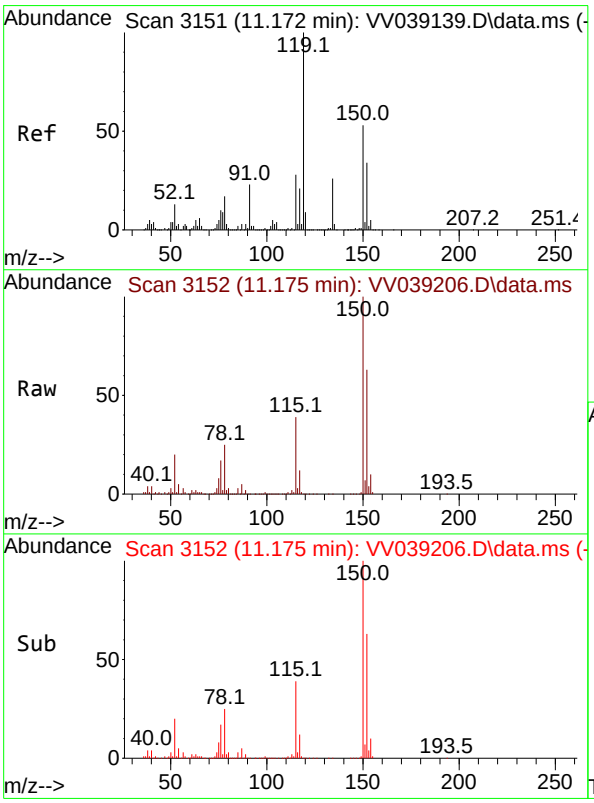
#70
Styrene
Concen: 1.564 ug/l
RT: 9.590 min Scan# 2
Delta R.T. 0.106 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

Instrument :
MSVOA_V
ClientSampleId :
MOS-18-092225

Tgt Ion:104 Resp: 42

Ion	Ratio	Lower	Upper
104	100		
78	159.5	39.8	59.6#
103	209.5	43.4	65.2#

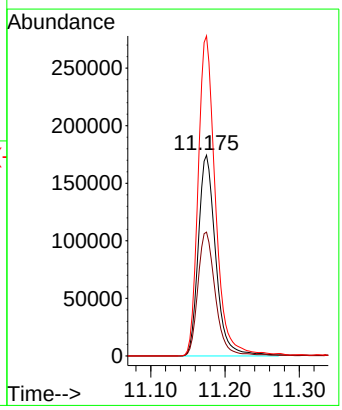


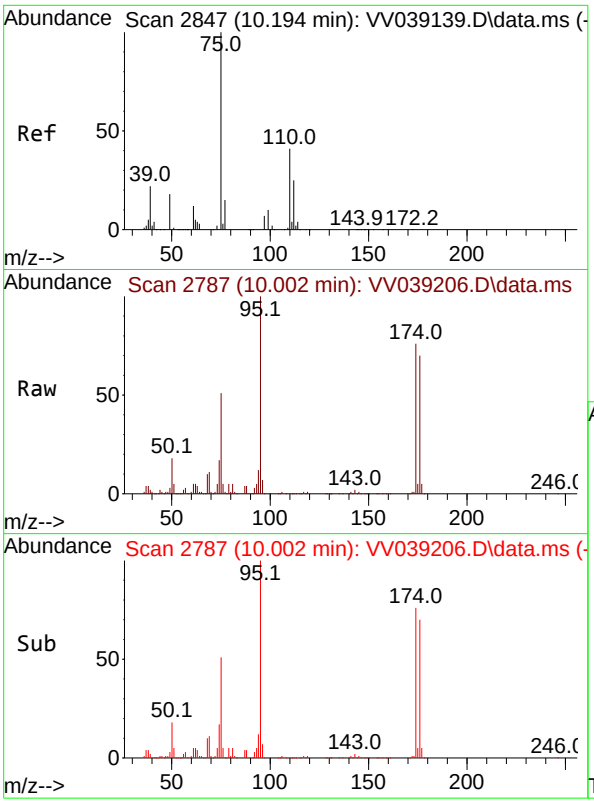


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

Tgt Ion:152 Resp: 284053

Ion	Ratio	Lower	Upper
152	100		
115	61.8	44.8	134.4
150	158.2	0.0	353.8



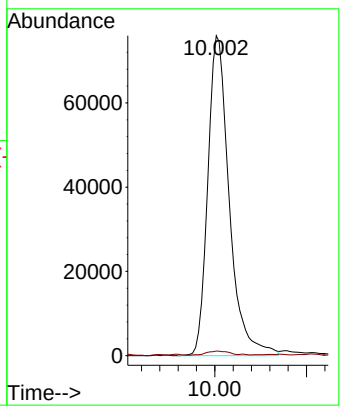


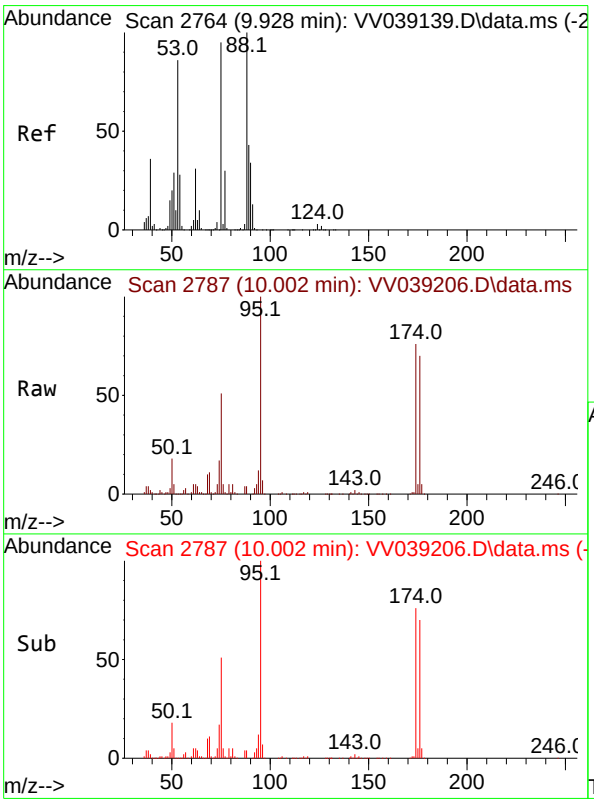
#76
1,2,3-Trichloropropane
Concen: 19.078 ug/l
RT: 10.002 min Scan# 2
Delta R.T. -0.193 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

Instrument :
MSVOA_V
ClientSampleId :
MOS-18-092225

Tgt Ion: 75 Resp: 123387

Ion	Ratio	Lower	Upper
75	100		
77	1.3	11.3	33.8#

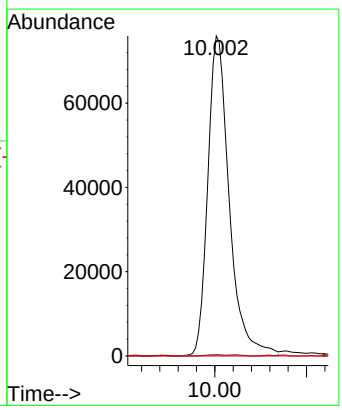


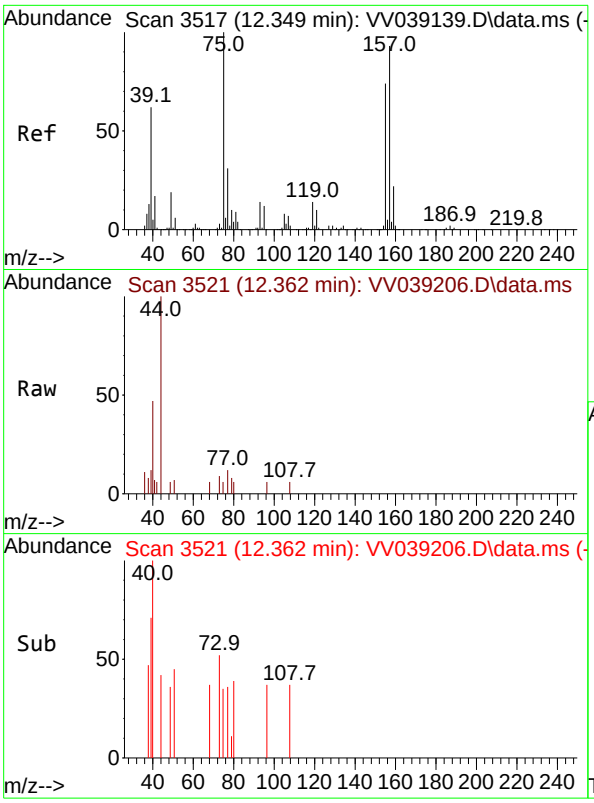


#81
trans-1,4-Dichloro-2-butene
Concen: 45.801 ug/l
RT: 10.002 min Scan# 2787
Delta R.T. 0.074 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

Tgt Ion: 75 Resp: 123387

Ion	Ratio	Lower	Upper
75	100		
53	0.3	72.5	108.7#
89	0.0	37.2	55.8#





#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 12.362 min Scan# 3
Delta R.T. 0.013 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

Instrument :
MSVOA_V
ClientSampleId :
MOS-18-092225

Tgt Ion: 75 Resp: 20

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