Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039334.D
Acq On : 05 Nov 2025 14:17
Operator : SY/MD
Sample : Q3541-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 06 00:15:06 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	629934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1170310	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1102434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	481796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	545607	60.955	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 121.900%#			
35) Dibromofluoromethane	4.500	113	479407	51.990	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 103.980%			
50) Toluene-d8	7.236	98	1486240	47.378	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 94.760%			
62) 4-Bromofluorobenzene	9.998	95	498261	44.599	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 89.200%			
Target Compounds						Qvalue
6) Chloroethane	1.574	64	3298	Below Cal	#	57
10) Methyl Iodide	2.204	142	1843	0.247	ug/l #	64
11) Tert butyl alcohol	2.574	59	1645	0.948	ug/l #	86
13) Acrolein	2.031	56	250	Below Cal	#	15
16) Acetone	2.130	43	7363	Below Cal		94
20) Methylene Chloride	2.462	84	1666	Below Cal	#	80
31) Cyclohexane	4.603	56	13217	1.120	ug/l #	1
36) 1,1-Dichloropropene	4.596	75	51578	4.453	ug/l #	49
38) Carbon Tetrachloride	4.600	117	66393	4.705	ug/l #	17
41) Methacrylonitrile	4.175	41	49	1.699	ug/l #	1
49) 1,4-Dioxane	6.220	88	42	0.307	ug/l #	27
58) 2-Chloroethyl Vinyl ether	6.805	63	128	8.485	ug/l #	88
76) 1,2,3-Trichloropropane	9.998	75	244850	25.462	ug/l #	54
81) trans-1,4-Dichloro-2-b...	9.998	75	244850	64.305	ug/l #	14

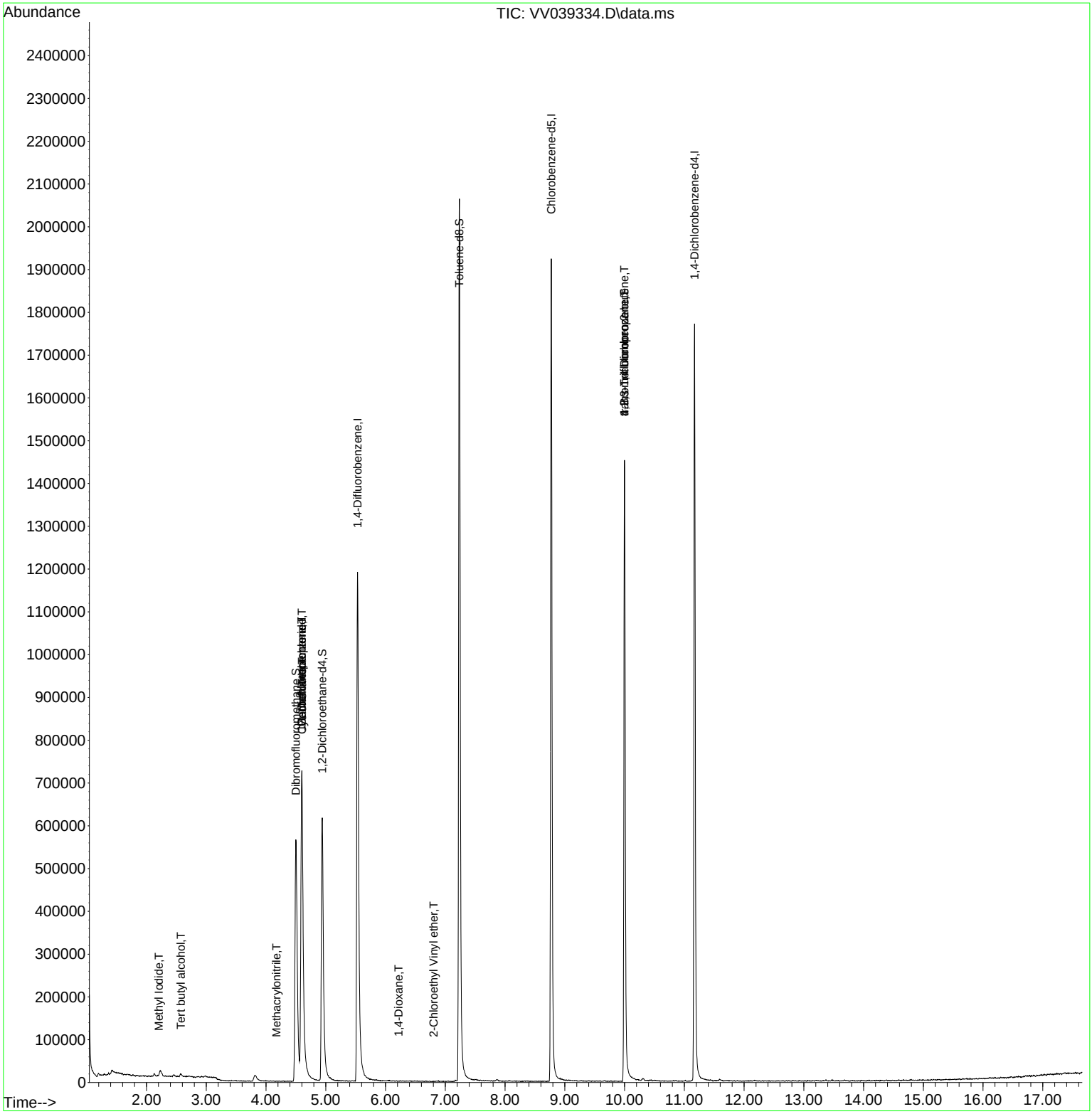
(#) = qualifier out of range (m) = manual integration (+) = signals summed

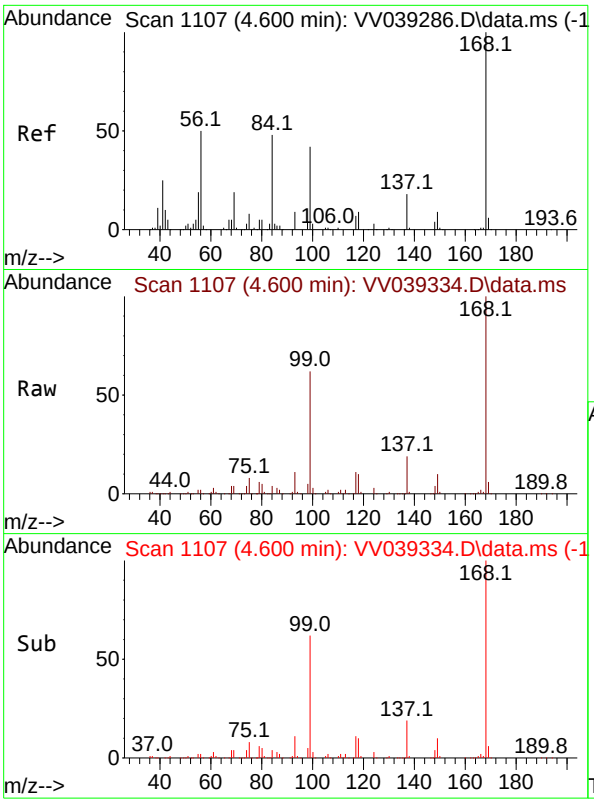
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
Data File : VV039334.D
Acq On : 05 Nov 2025 14:17
Operator : SY/MD
Sample : Q3541-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 06 00:15:06 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



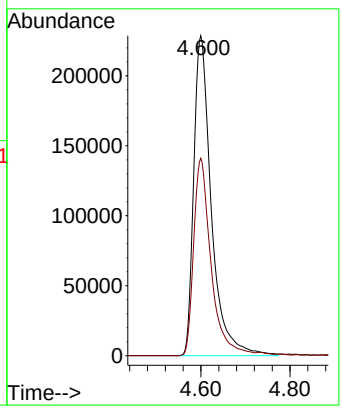


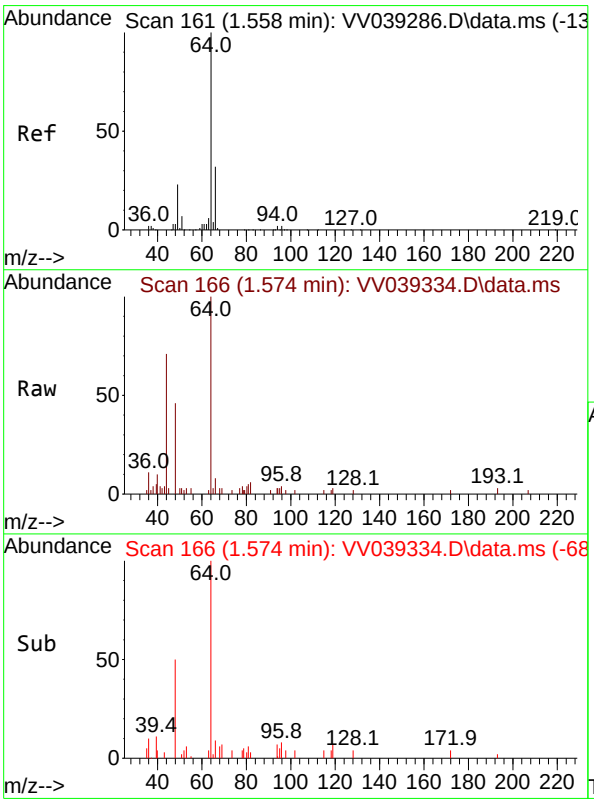
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV039334.D
Acq: 05 Nov 2025 14:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:168 Resp: 629934

Ion	Ratio	Lower	Upper
168	100		
99	61.7	46.6	70.0

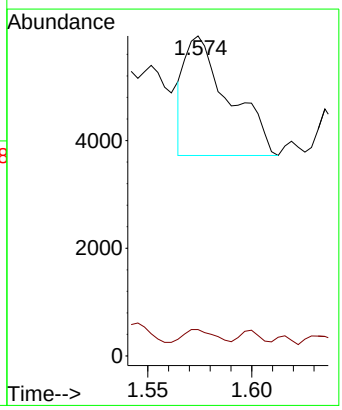


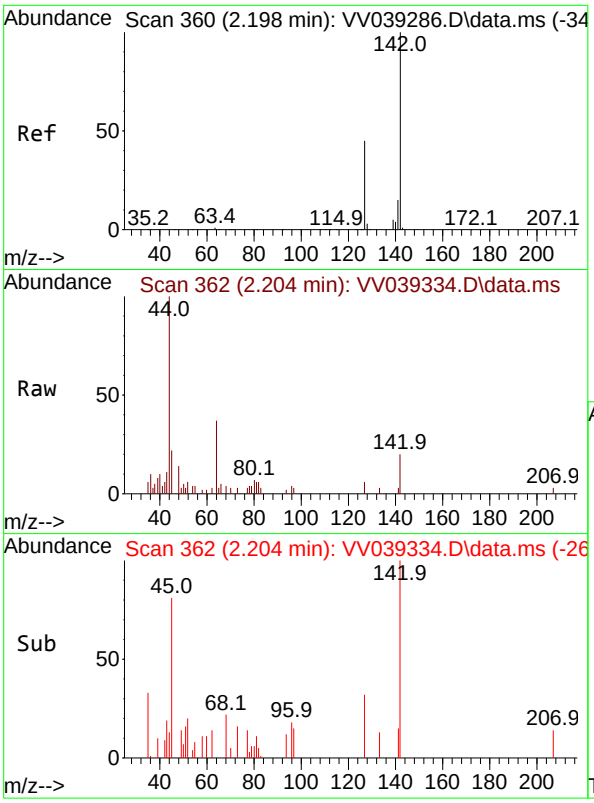


#6
Chloroethane
Concen: Below Cal
RT: 1.574 min Scan# 166
Delta R.T. 0.016 min
Lab File: VV039334.D
Acq: 05 Nov 2025 14:17

Tgt Ion: 64 Resp: 3298

Ion	Ratio	Lower	Upper
64	100		
66	8.2	25.7	38.5#



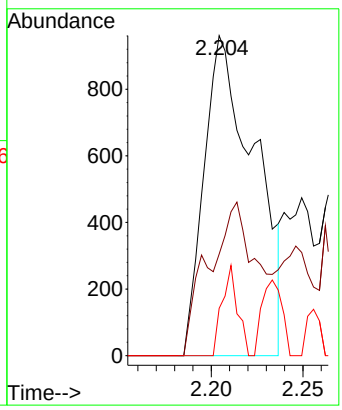


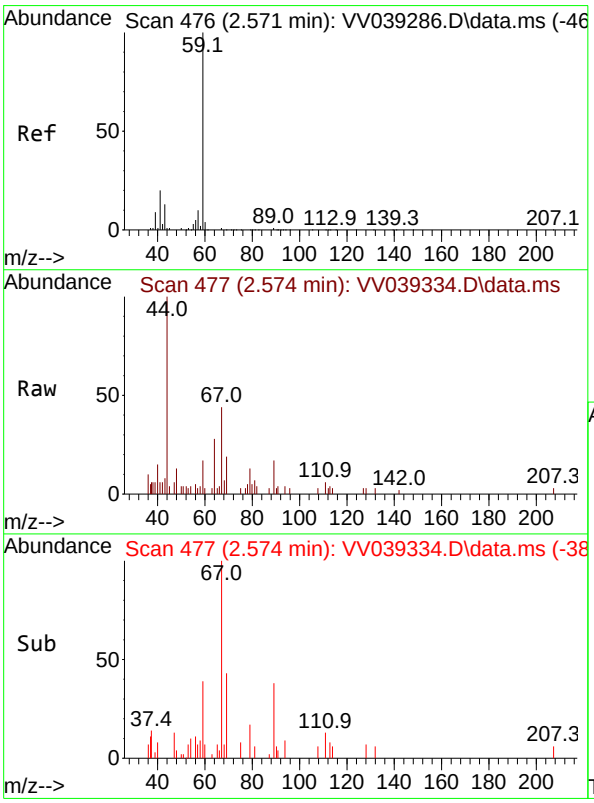
#10
Methyl Iodide
Concen: 0.247 ug/l
RT: 2.204 min Scan# 3
Delta R.T. 0.007 min
Lab File: VV039334.D
Acq: 05 Nov 2025 14:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:142 Resp: 1843

Ion	Ratio	Lower	Upper
142	100		
127	16.7	35.5	53.3#
141	8.6	11.5	17.3#

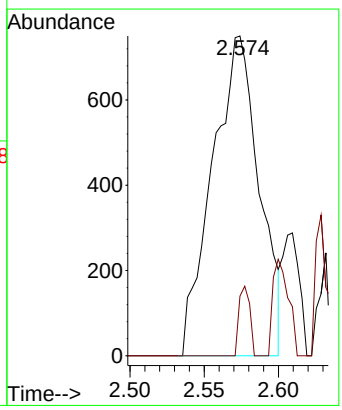


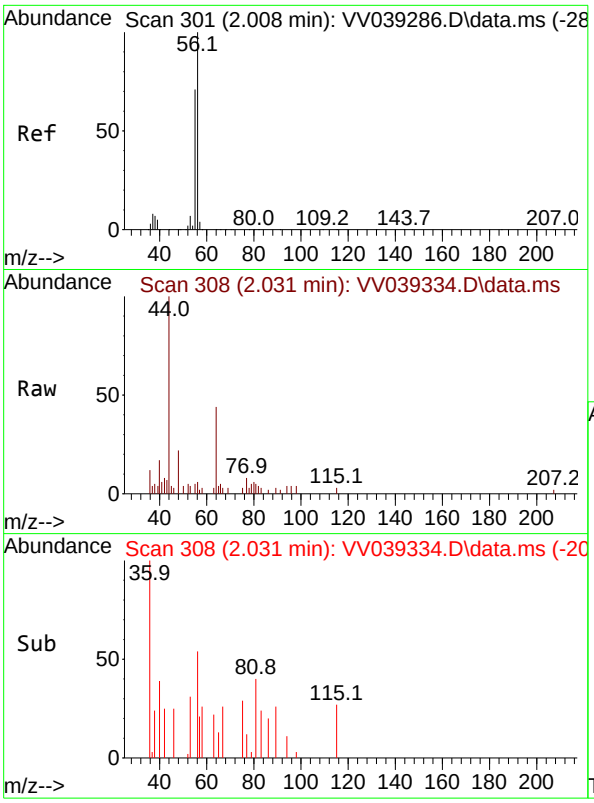


#11
Tert butyl alcohol
Concen: 0.948 ug/l
RT: 2.574 min Scan# 477
Delta R.T. 0.003 min
Lab File: VV039334.D
Acq: 05 Nov 2025 14:17

Tgt Ion: 59 Resp: 1645

Ion	Ratio	Lower	Upper
59	100		
57	5.0	8.1	12.1#



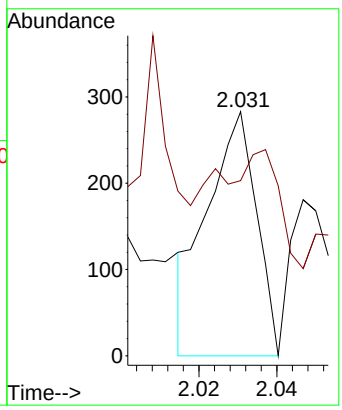


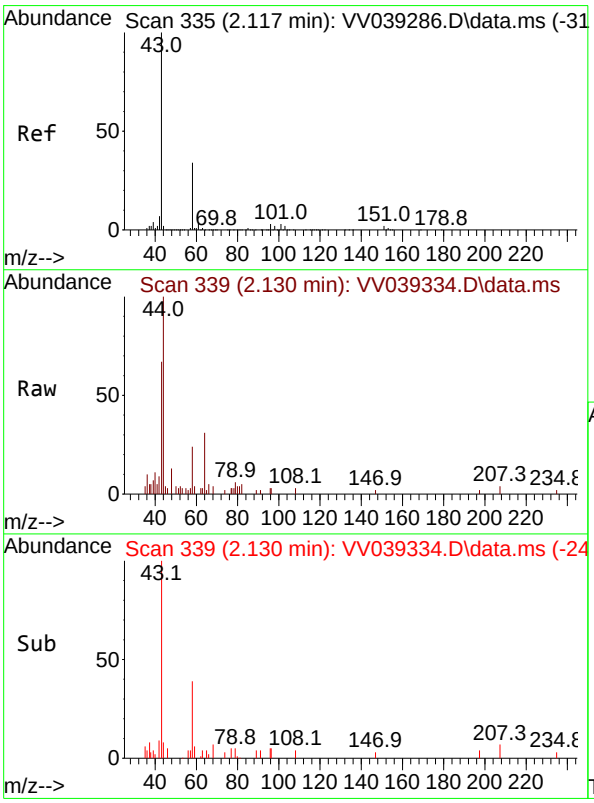
#13
Acrolein
Concen: Below Cal
RT: 2.031 min Scan# 3
Delta R.T. 0.023 min
Lab File: VV039334.D
Acq: 05 Nov 2025 14:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 56 Resp: 250

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.2	84.4#

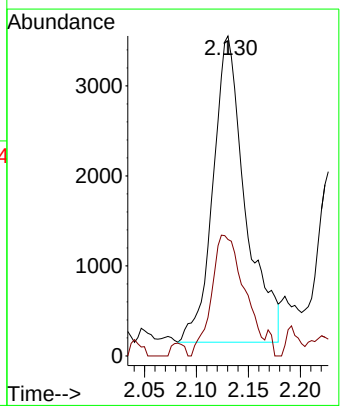


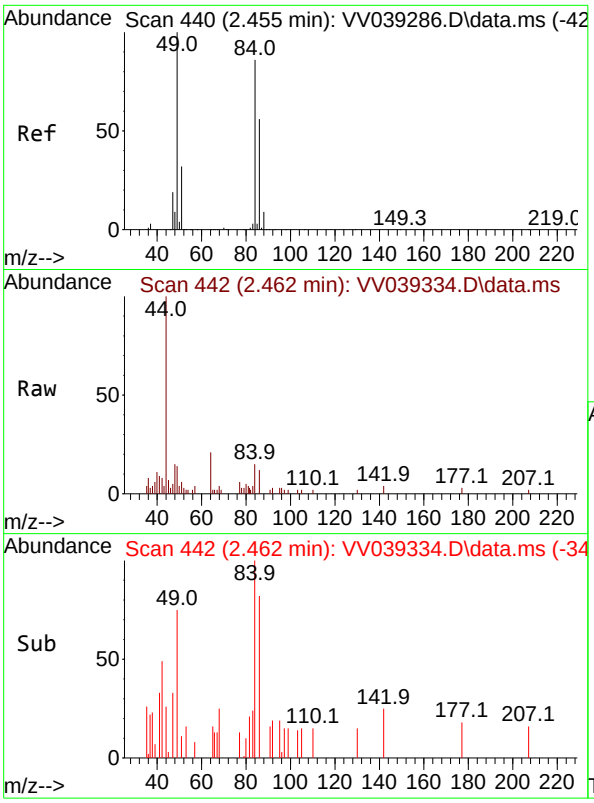


#16
Acetone
Concen: Below Cal
RT: 2.130 min Scan# 339
Delta R.T. 0.013 min
Lab File: VV039334.D
Acq: 05 Nov 2025 14:17

Tgt Ion: 43 Resp: 7363

Ion	Ratio	Lower	Upper
43	100		
58	38.0	27.5	41.3



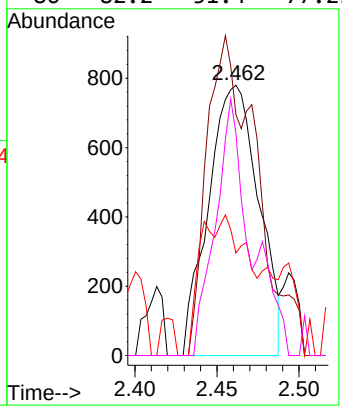


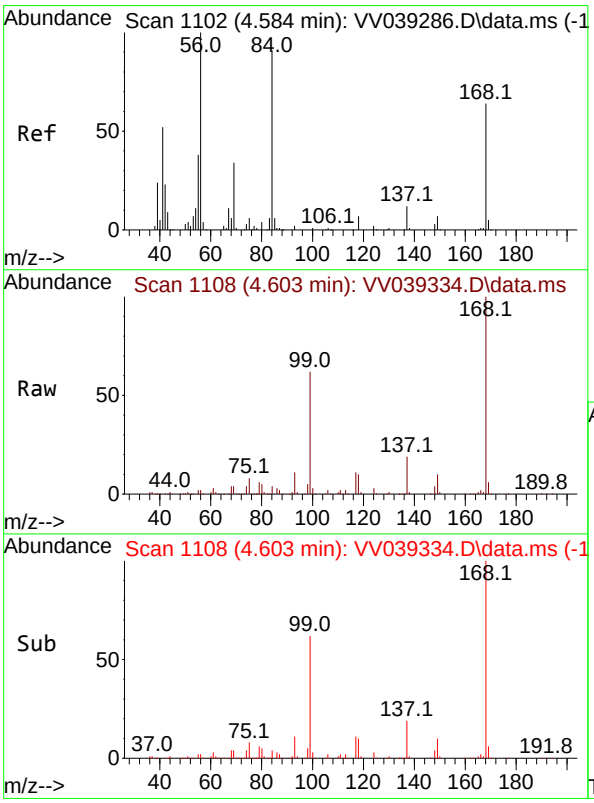
#20
Methylene Chloride
Concen: Below Cal
RT: 2.462 min Scan# 44
Delta R.T. 0.007 min
Lab File: VV039334.D
Acq: 05 Nov 2025 14:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 1666

Ion	Ratio	Lower	Upper
84	100		
49	89.1	92.6	139.0#
51	37.9	29.6	44.4
86	82.2	51.4	77.2#

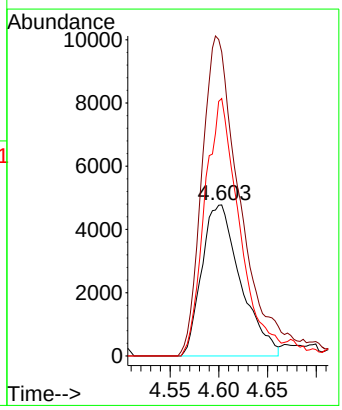


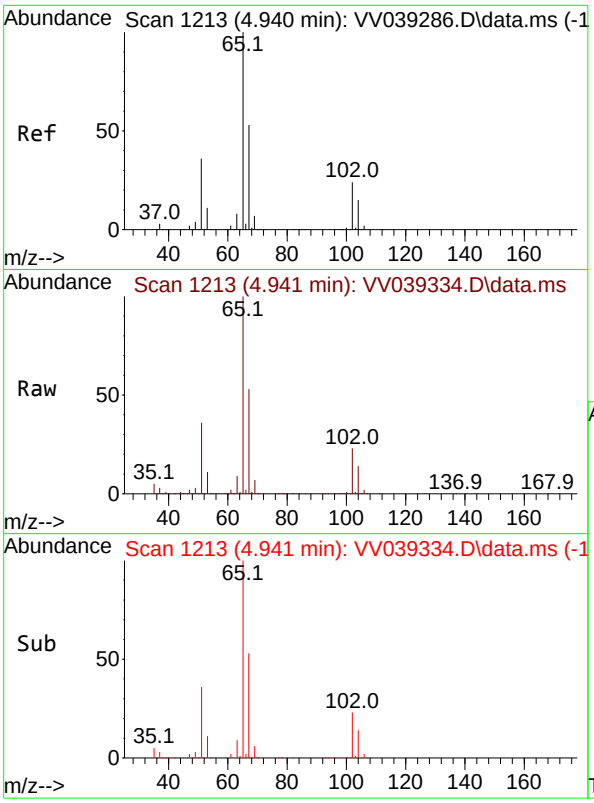


#31
Cyclohexane
Concen: 1.120 ug/l
RT: 4.603 min Scan# 1108
Delta R.T. 0.019 min
Lab File: VV039334.D
Acq: 05 Nov 2025 14:17

Tgt Ion: 56 Resp: 13217

Ion	Ratio	Lower	Upper
56	100		
69	201.2	27.4	41.0#
84	170.4	72.8	109.2#



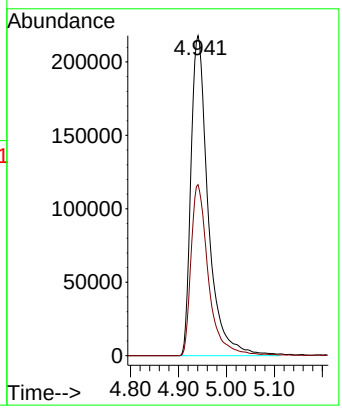


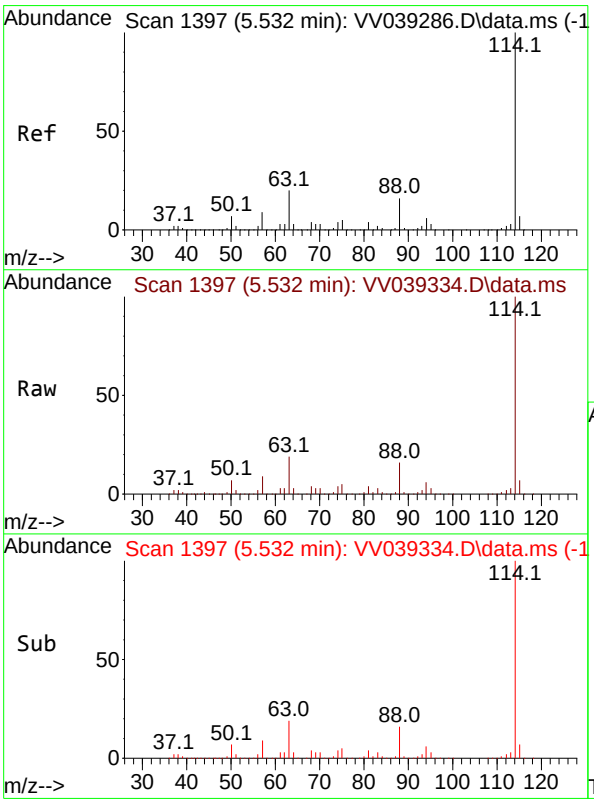
#33
1,2-Dichloroethane-d4
Concen: 60.955 ug/l
RT: 4.941 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039334.D
Acq: 05 Nov 2025 14:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 65 Resp: 545607

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	108.4

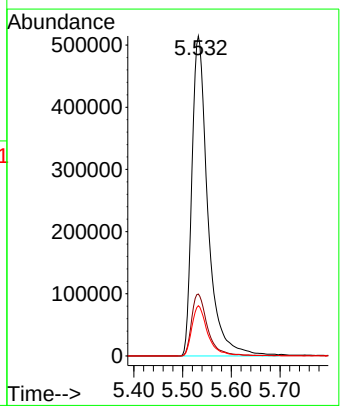


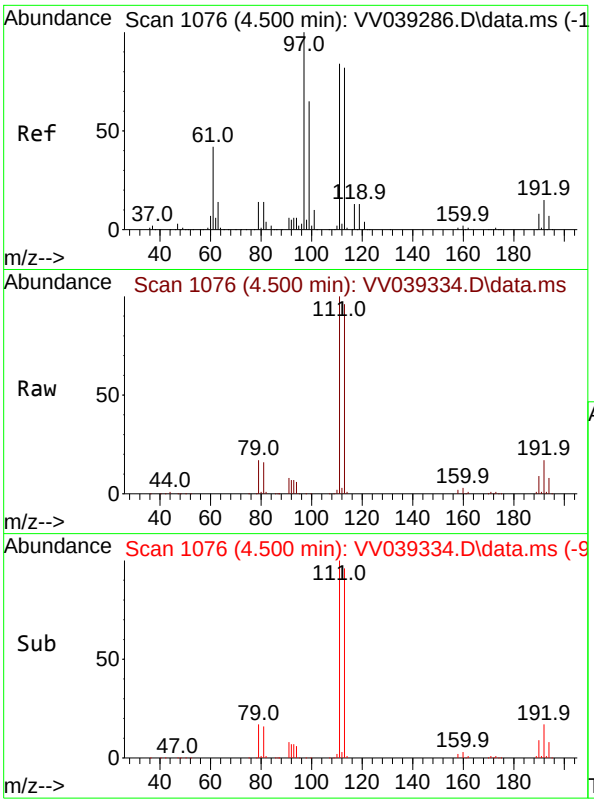


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VV039334.D
Acq: 05 Nov 2025 14:17

Tgt Ion:114 Resp: 1170310

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	39.6
88	15.7	0.0	31.6



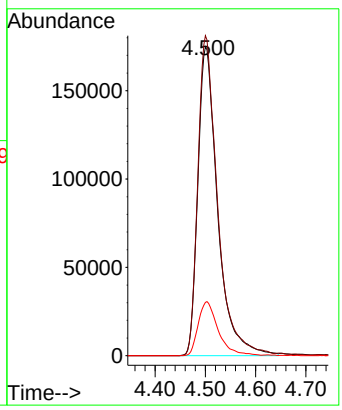


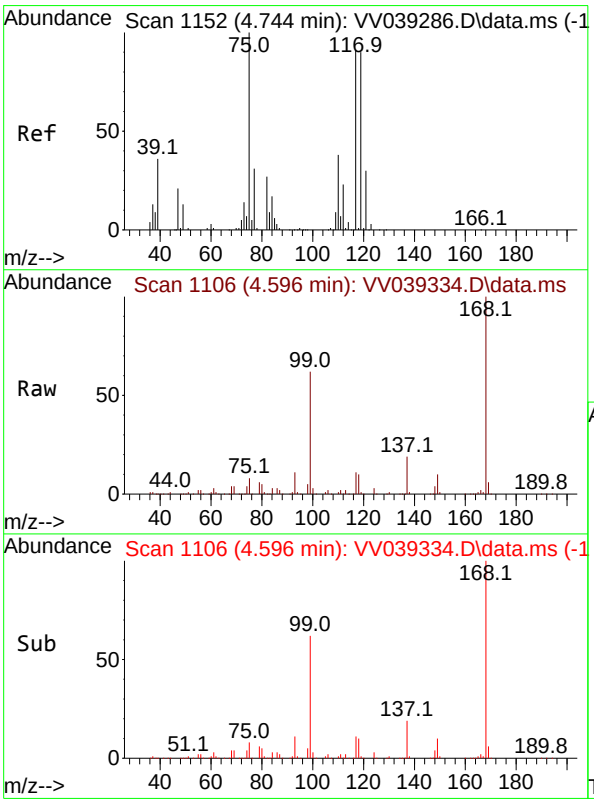
#35
Dibromofluoromethane
Concen: 51.990 ug/l
RT: 4.500 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039334.D
Acq: 05 Nov 2025 14:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:113 Resp: 479407

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.0	123.0
192	17.7	14.3	21.5

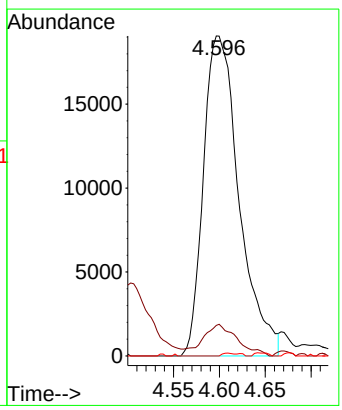


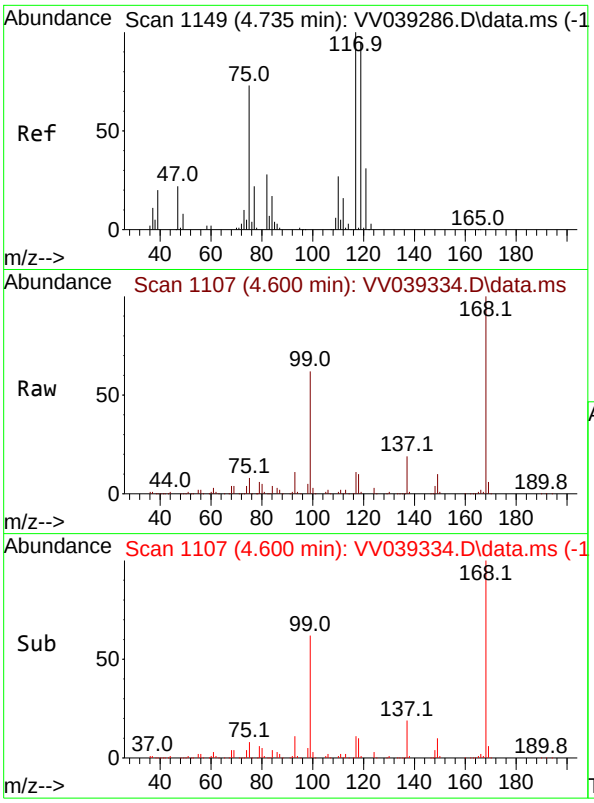


#36
1,1-Dichloropropene
Concen: 4.453 ug/l
RT: 4.596 min Scan# 1106
Delta R.T. -0.148 min
Lab File: VV039334.D
Acq: 05 Nov 2025 14:17

Tgt Ion: 75 Resp: 51578

Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.9	56.7#
77	0.3	24.1	36.1#



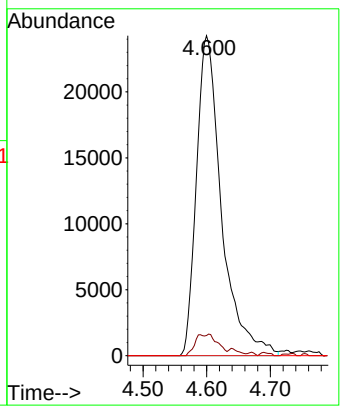


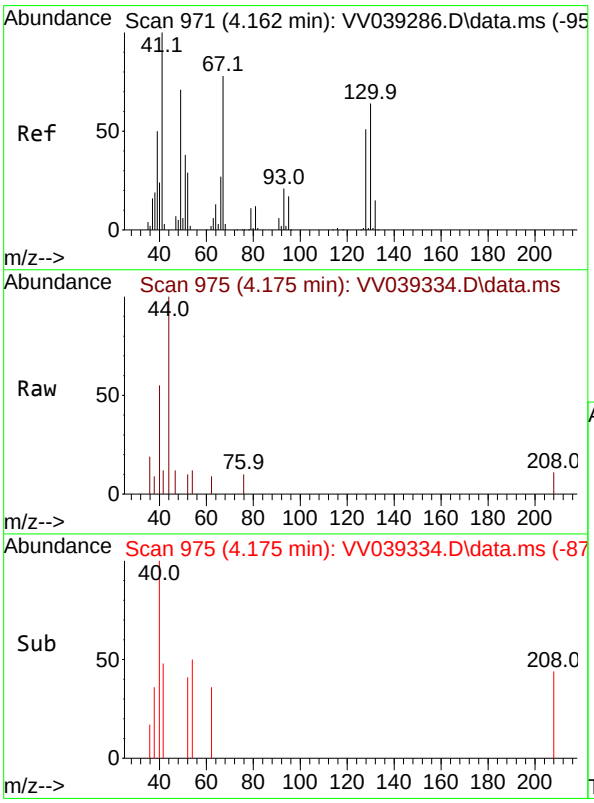
#38
Carbon Tetrachloride
Concen: 4.705 ug/l
RT: 4.600 min Scan# 11
Delta R.T. -0.135 min
Lab File: VV039334.D
Acq: 05 Nov 2025 14:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:117 Resp: 66393

Ion	Ratio	Lower	Upper
117	100		
119	6.3	75.9	113.9#
121	0.0	24.6	37.0#

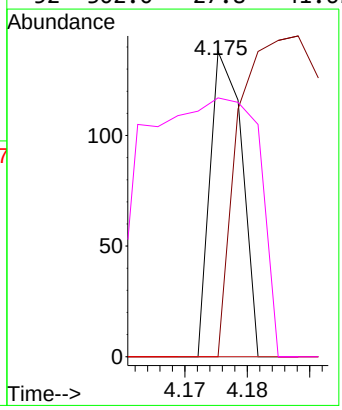


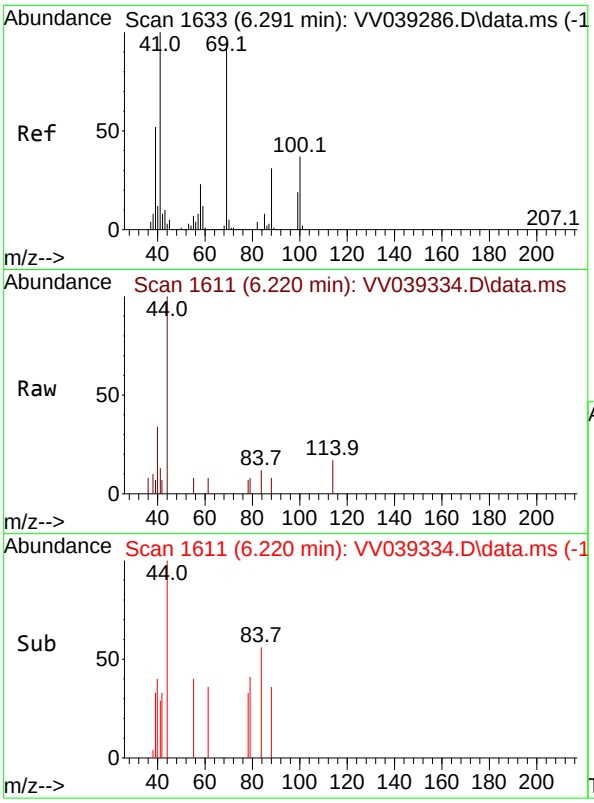


#41
Methacrylonitrile
Concen: 1.699 ug/l
RT: 4.175 min Scan# 975
Delta R.T. 0.013 min
Lab File: VV039334.D
Acq: 05 Nov 2025 14:17

Tgt Ion: 41 Resp: 49

Ion	Ratio	Lower	Upper
41	100		
39	261.2	40.9	61.3#
67	0.0	73.1	109.7#
52	302.0	27.8	41.6#



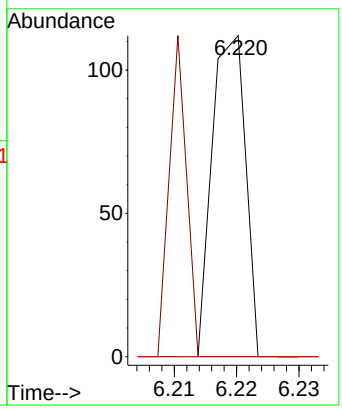


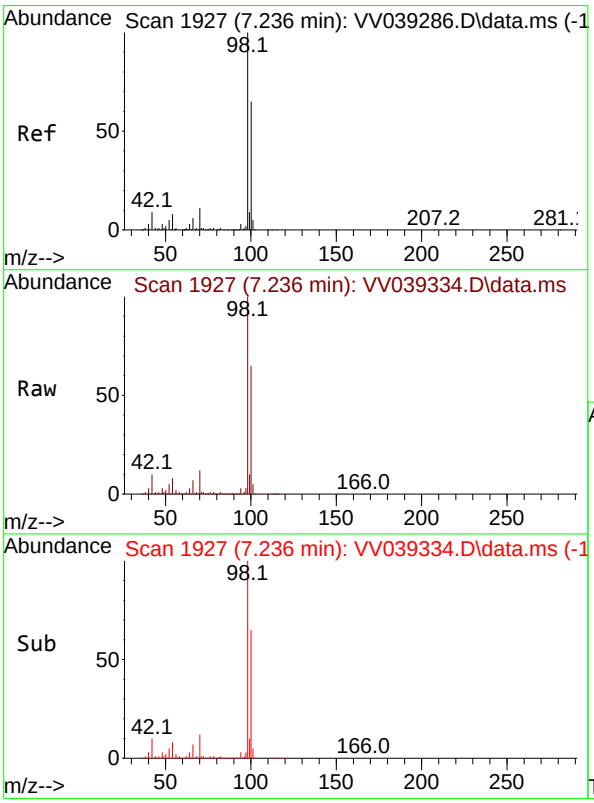
#49
1,4-Dioxane
Concen: 0.307 ug/l
RT: 6.220 min Scan# 1
Delta R.T. -0.071 min
Lab File: VV039334.D
Acq: 05 Nov 2025 14:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 88 Resp: 42

Ion	Ratio	Lower	Upper
88	100		
43	52.4	24.1	36.1#
58	0.0	57.6	86.4#

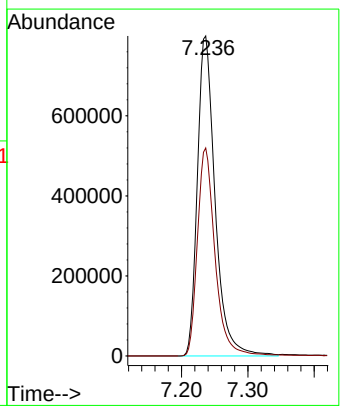


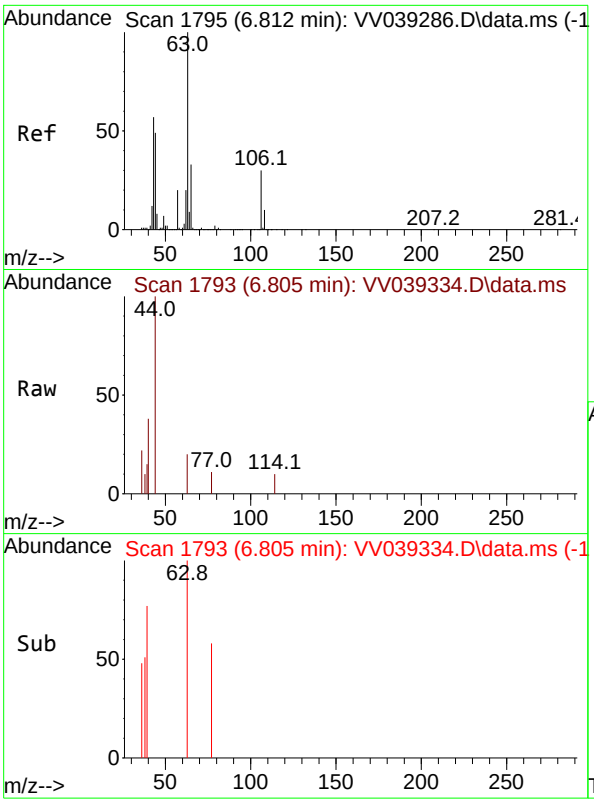


#50
Toluene-d8
Concen: 47.378 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VV039334.D
Acq: 05 Nov 2025 14:17

Tgt Ion: 98 Resp: 1486240

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.8	79.2



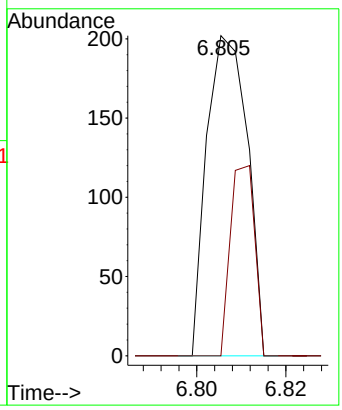


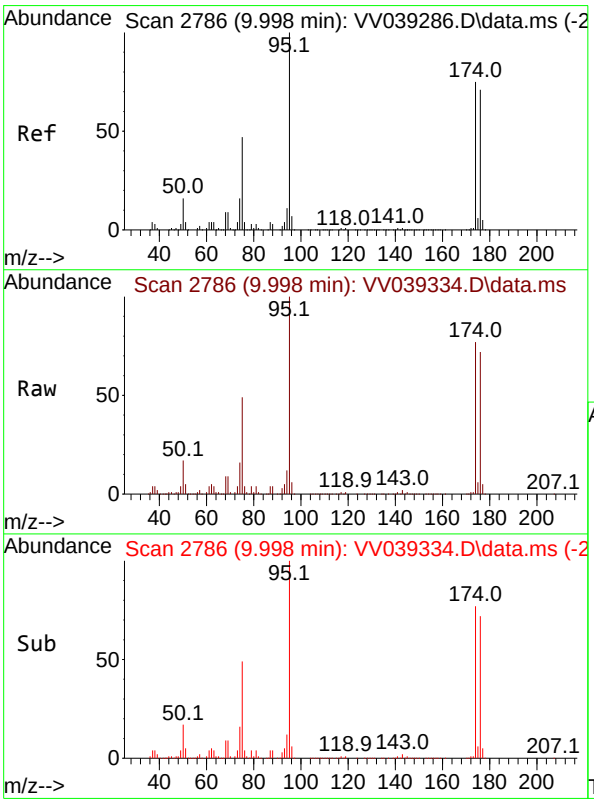
#58
2-Chloroethyl Vinyl ether
Concen: 8.485 ug/l
RT: 6.805 min Scan# 1
Delta R.T. -0.006 min
Lab File: VV039334.D
Acq: 05 Nov 2025 14:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 128

Ion	Ratio	Lower	Upper
63	100		
106	35.9	23.5	35.3#

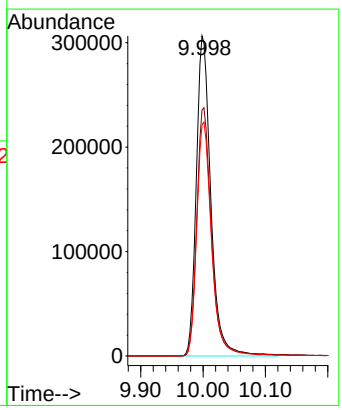


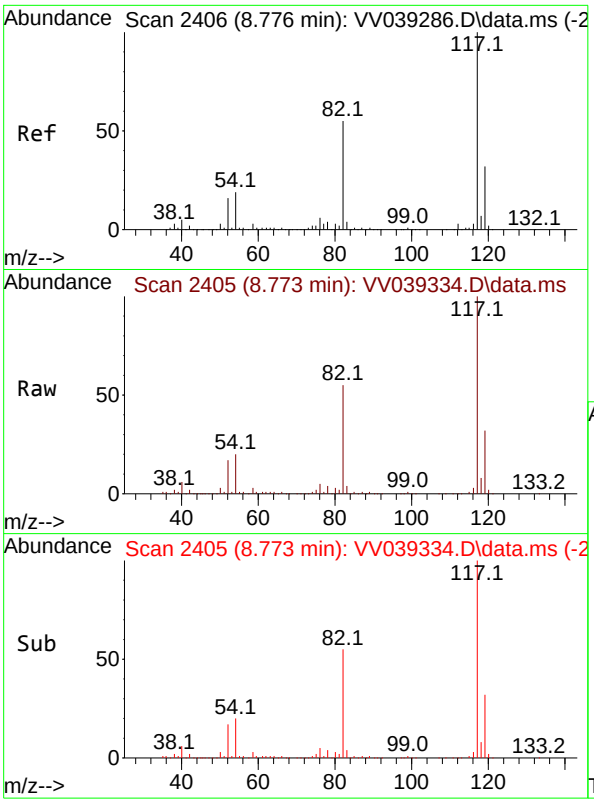


#62
4-Bromofluorobenzene
Concen: 44.599 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VV039334.D
Acq: 05 Nov 2025 14:17

Tgt Ion: 95 Resp: 498261

Ion	Ratio	Lower	Upper
95	100		
174	78.1	0.0	153.6
176	73.9	0.0	146.0



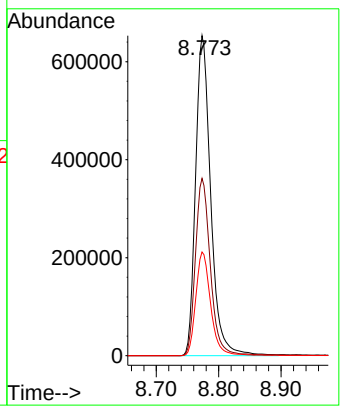


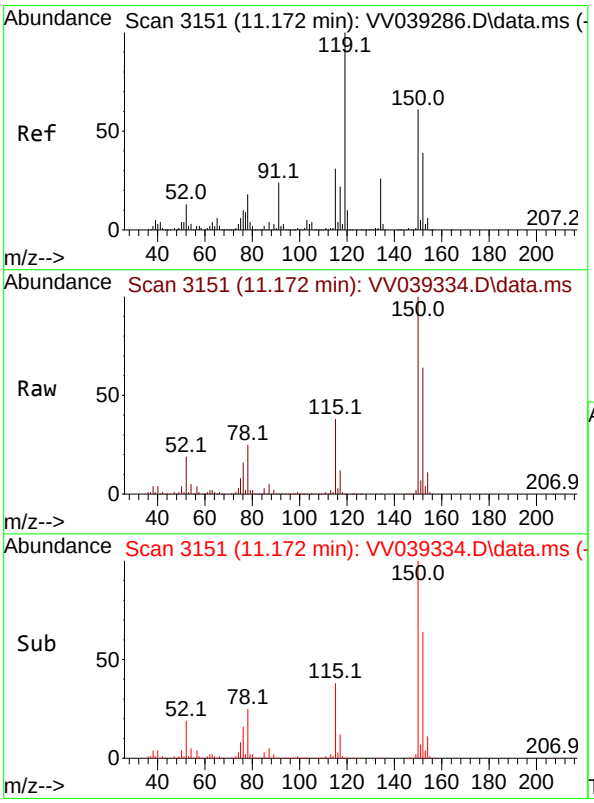
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 24
Delta R.T. -0.003 min
Lab File: VV039334.D
Acq: 05 Nov 2025 14:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:117 Resp: 1102434

Ion	Ratio	Lower	Upper
117	100		
82	55.4	43.8	65.8
119	32.4	25.8	38.6

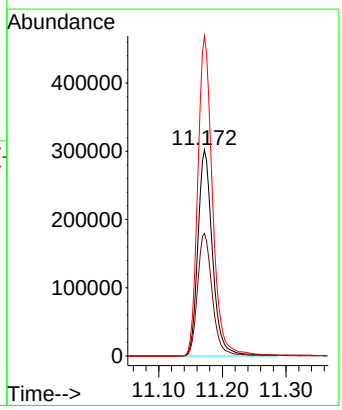


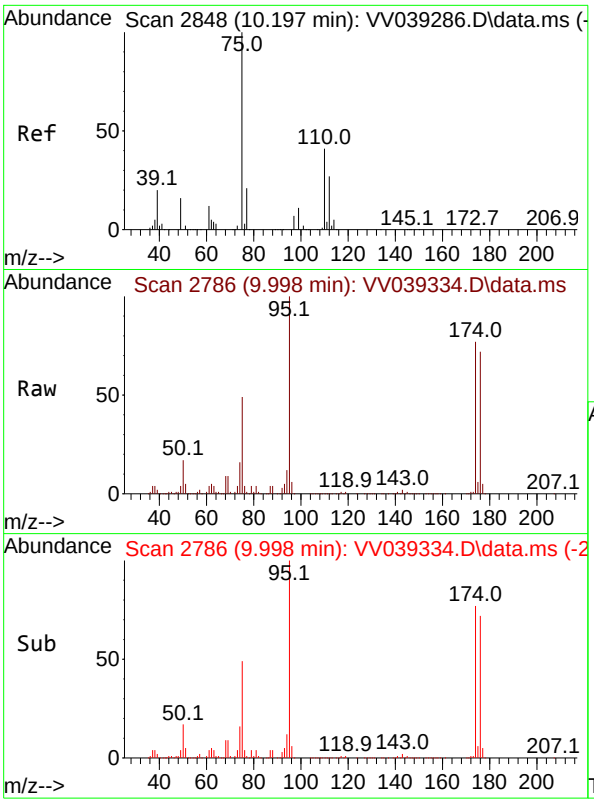


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV039334.D
Acq: 05 Nov 2025 14:17

Tgt Ion:152 Resp: 481796

Ion	Ratio	Lower	Upper
152	100		
115	59.7	42.3	126.8
150	156.1	0.0	348.0



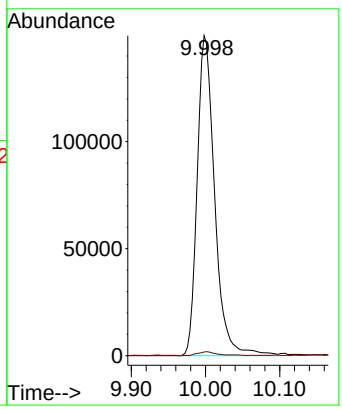


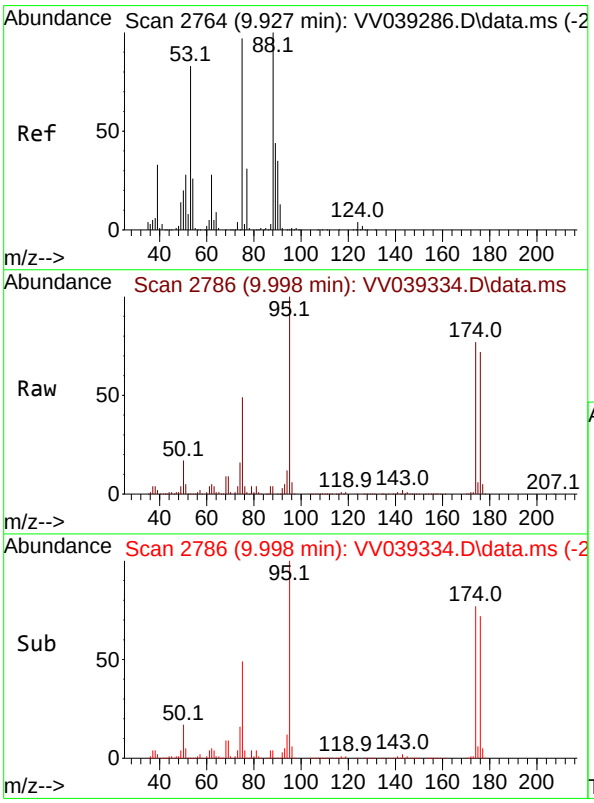
#76
1,2,3-Trichloropropane
Concen: 25.462 ug/l
RT: 9.998 min Scan# 2
Delta R.T. -0.199 min
Lab File: VV039334.D
Acq: 05 Nov 2025 14:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 244850

Ion	Ratio	Lower	Upper
75	100		
77	1.3	12.2	36.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 64.305 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. 0.071 min
Lab File: VV039334.D
Acq: 05 Nov 2025 14:17

Tgt Ion: 75 Resp: 244850

Ion	Ratio	Lower	Upper
75	100		
53	0.4	69.9	104.9#
89	0.1	37.4	56.0#