Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039312.D
Acq On : 04 Nov 2025 14:12
Operator : SY/MD
Sample : Q3434-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 05 00:37:13 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	659982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1223717	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1158276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	511635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	583542	62.225	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 124.440%#			
35) Dibromofluoromethane	4.500	113	510064	52.900	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 105.800%			
50) Toluene-d8	7.236	98	1602221	48.846	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 97.700%			
62) 4-Bromofluorobenzene	9.998	95	602736	51.595	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 103.200%			
Target Compounds						Qvalue
6) Chloroethane	1.587	64	409	Below Cal	#	56
10) Methyl Iodide	2.211	142	1781	0.228	ug/l #	76
11) Tert butyl alcohol	2.568	59	1003	0.552	ug/l #	84
13) Acrolein	2.008	56	143	Below Cal	#	83
16) Acetone	2.124	43	1325	Below Cal		95
20) Methylene Chloride	2.462	84	1201	Below Cal	#	65
31) Cyclohexane	4.603	56	13940	1.128	ug/l #	1
36) 1,1-Dichloropropene	4.600	75	50013	4.130	ug/l #	49
38) Carbon Tetrachloride	4.600	117	67976	4.607	ug/l #	17
41) Methacrylonitrile	4.166	41	84	1.705	ug/l #	28
49) 1,4-Dioxane	6.201	88	107	0.748	ug/l #	10
51) 4-Methyl-2-Pentanone	7.233	43	6091	0.473	ug/l #	1
58) 2-Chloroethyl Vinyl ether	6.770	63	53	8.475	ug/l #	45
76) 1,2,3-Trichloropropane	9.998	75	293516	28.743	ug/l #	54
81) trans-1,4-Dichloro-2-b...	9.998	75	293516	72.591	ug/l #	14

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

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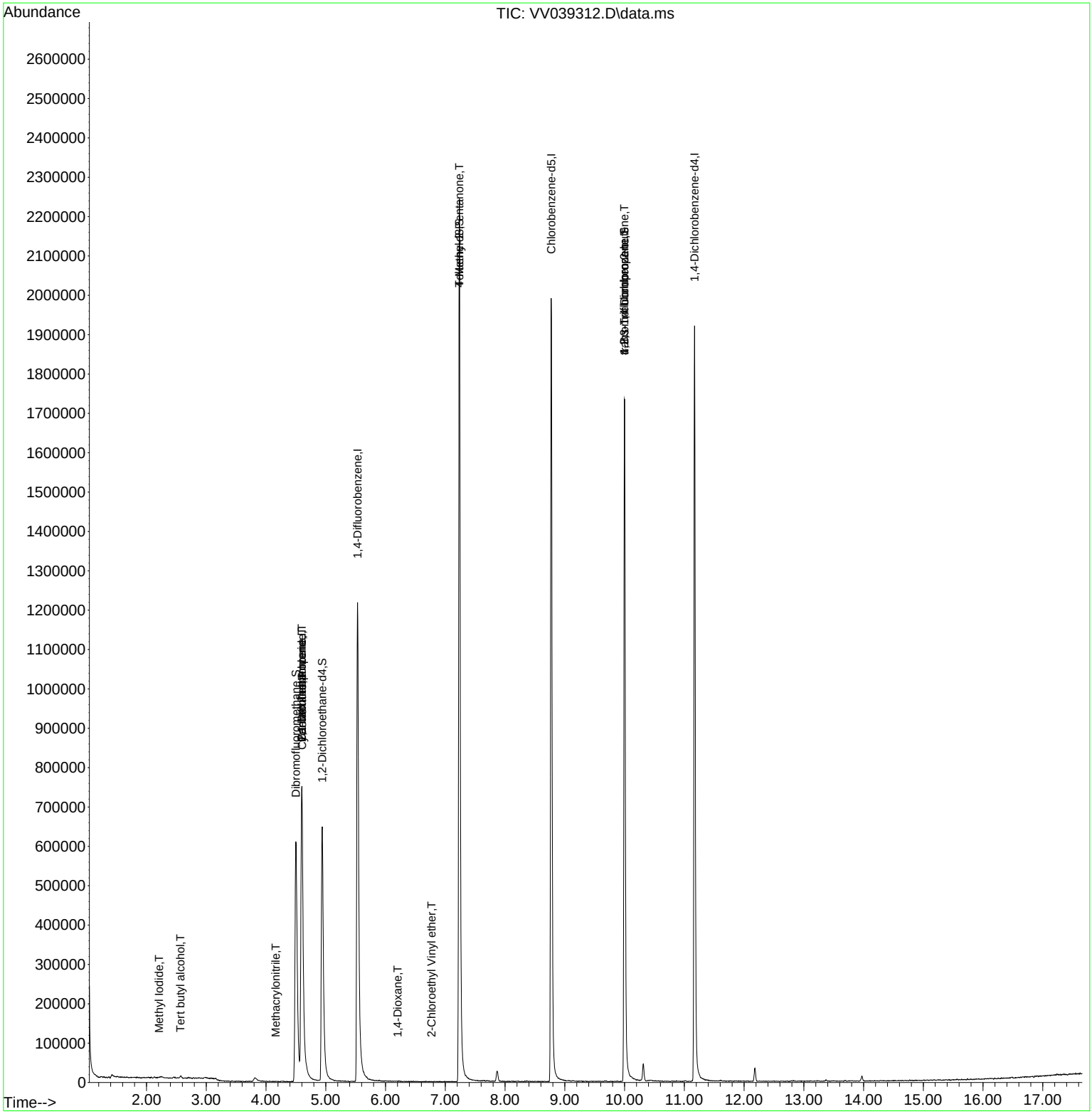
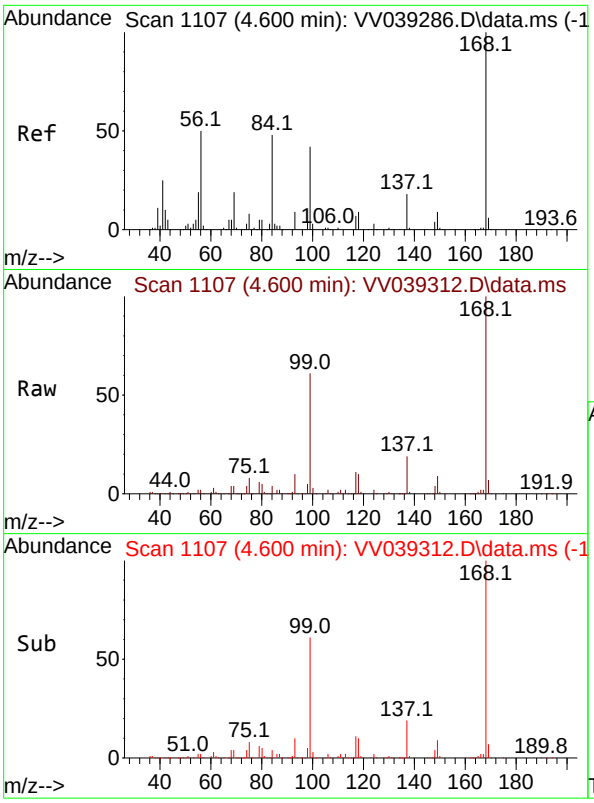
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 05 00:37:13 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



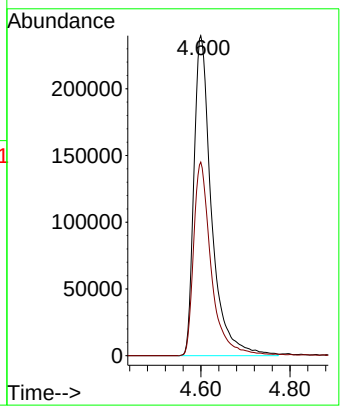


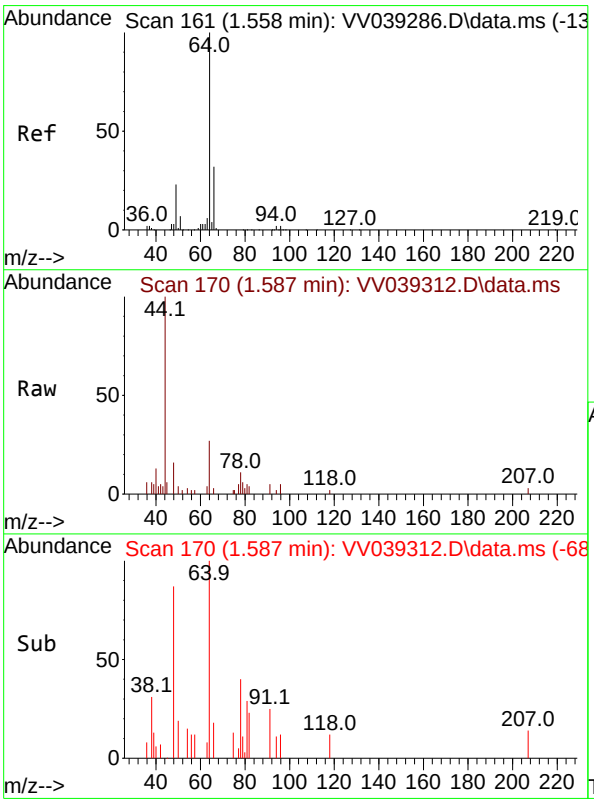
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV039312.D
Acq: 04 Nov 2025 14:12

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:168 Resp: 659982

Ion	Ratio	Lower	Upper
168	100		
99	60.5	46.6	70.0

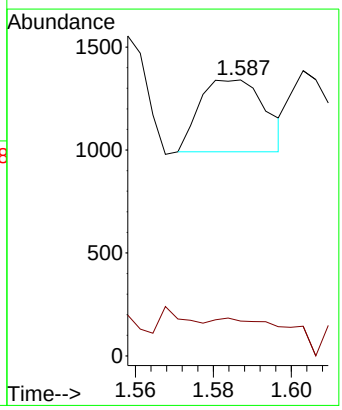


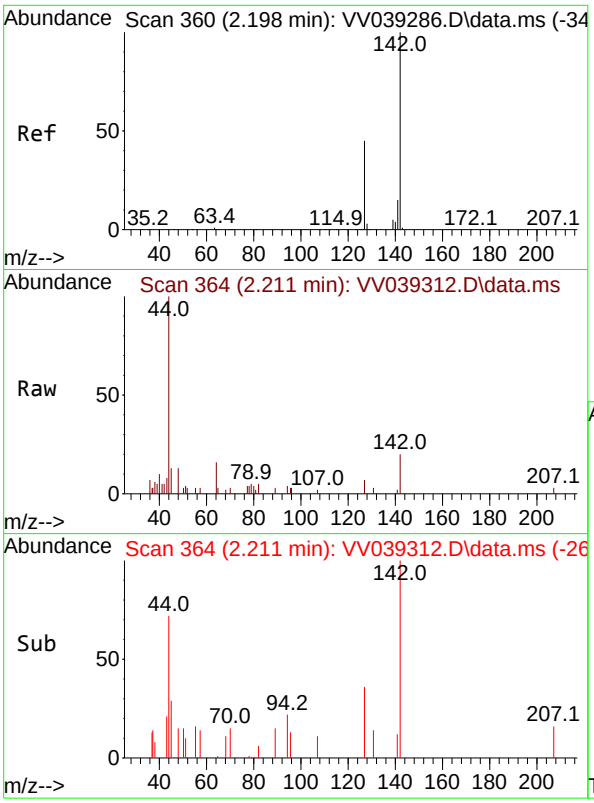


#6
Chloroethane
Concen: Below Cal
RT: 1.587 min Scan# 170
Delta R.T. 0.029 min
Lab File: VV039312.D
Acq: 04 Nov 2025 14:12

Tgt Ion: 64 Resp: 409

Ion	Ratio	Lower	Upper
64	100		
66	7.7	25.7	38.5#



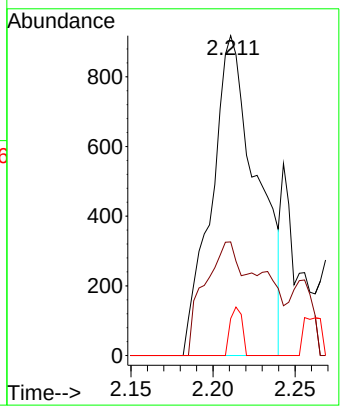


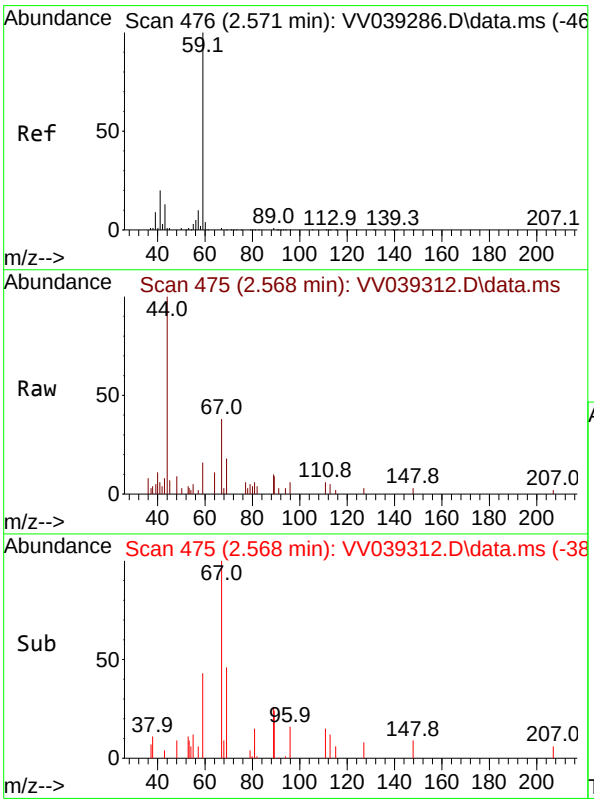
#10
Methyl Iodide
Concen: 0.228 ug/l
RT: 2.211 min Scan# 3
Delta R.T. 0.013 min
Lab File: VV039312.D
Acq: 04 Nov 2025 14:12

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:142 Resp: 1781

Ion	Ratio	Lower	Upper
142	100		
127	29.3	35.5	53.3#
141	3.9	11.5	17.3#

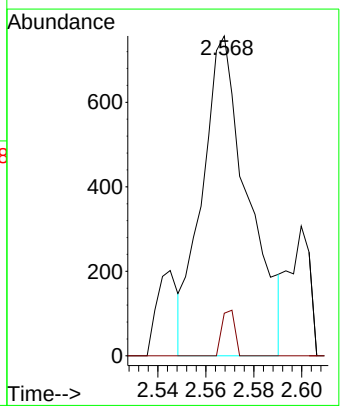


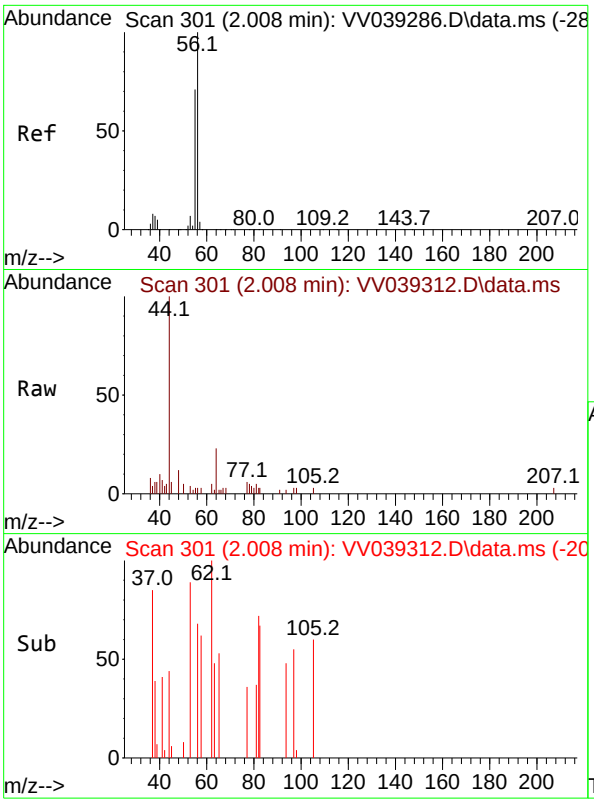


#11
Tert butyl alcohol
Concen: 0.552 ug/l
RT: 2.568 min Scan# 475
Delta R.T. -0.003 min
Lab File: VV039312.D
Acq: 04 Nov 2025 14:12

Tgt Ion: 59 Resp: 1003

Ion	Ratio	Lower	Upper
59	100		
57	4.0	8.1	12.1#



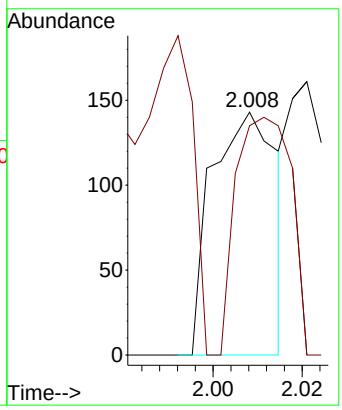


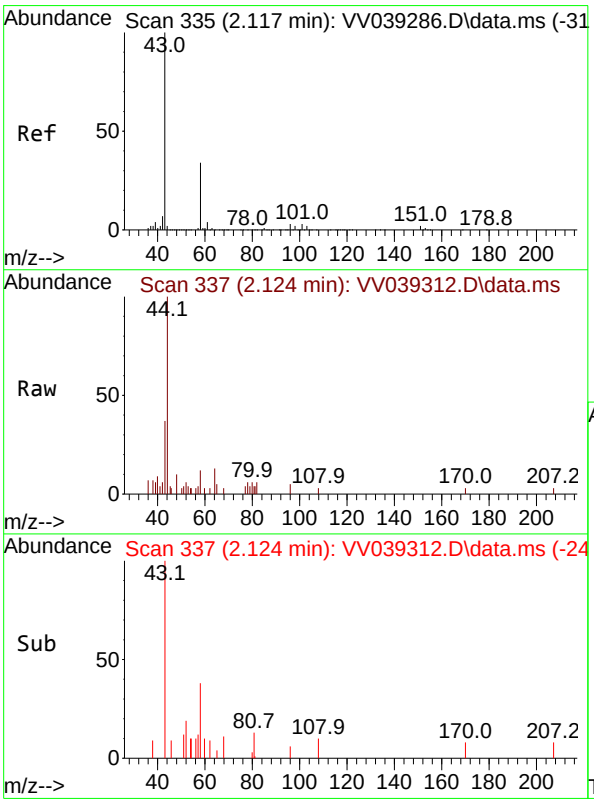
#13
Acrolein
Concen: Below Cal
RT: 2.008 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV039312.D
Acq: 04 Nov 2025 14:12

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 56 Resp: 143

Ion	Ratio	Lower	Upper
56	100		
55	84.6	56.2	84.4#

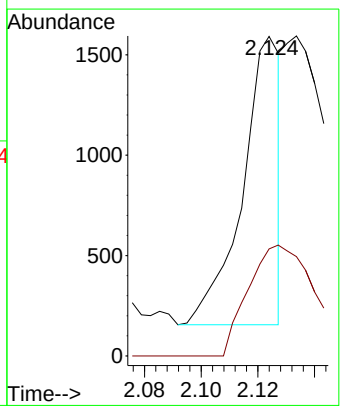


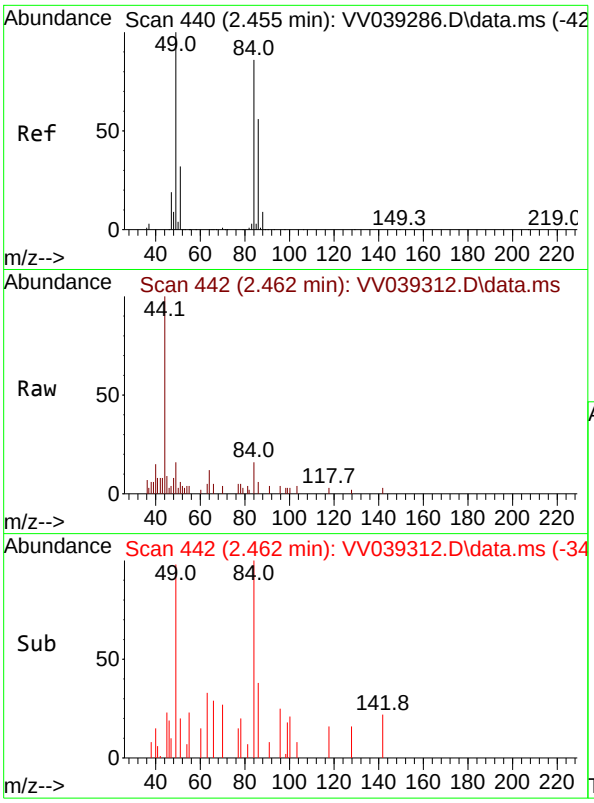


#16
Acetone
Concen: Below Cal
RT: 2.124 min Scan# 337
Delta R.T. 0.007 min
Lab File: VV039312.D
Acq: 04 Nov 2025 14:12

Tgt Ion: 43 Resp: 1325

Ion	Ratio	Lower	Upper
43	100		
58	37.1	27.5	41.3



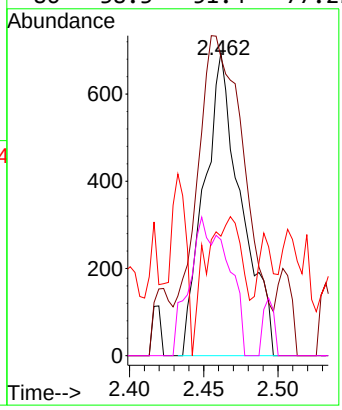


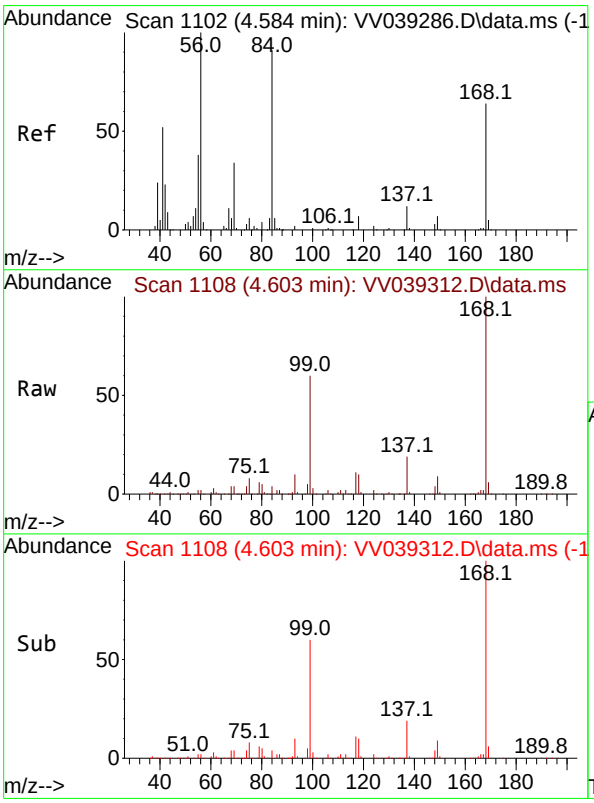
#20
Methylene Chloride
Concen: Below Cal
RT: 2.462 min Scan# 44
Delta R.T. 0.007 min
Lab File: VV039312.D
Acq: 04 Nov 2025 14:12

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 1201

Ion	Ratio	Lower	Upper
84	100		
49	78.7	92.6	139.0#
51	12.7	29.6	44.4#
86	38.3	51.4	77.2#

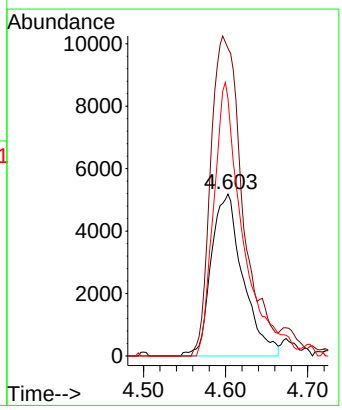


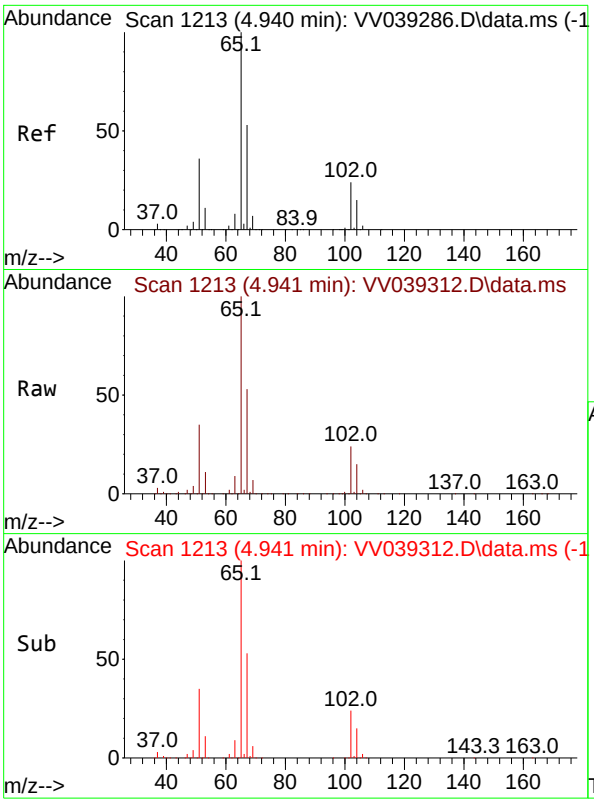


#31
Cyclohexane
Concen: 1.128 ug/l
RT: 4.603 min Scan# 1108
Delta R.T. 0.019 min
Lab File: VV039312.D
Acq: 04 Nov 2025 14:12

Tgt Ion: 56 Resp: 13940

Ion	Ratio	Lower	Upper
56	100		
69	190.1	27.4	41.0#
84	159.0	72.8	109.2#



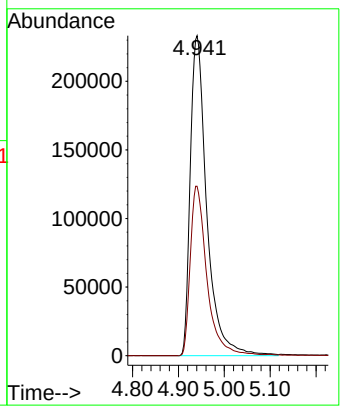


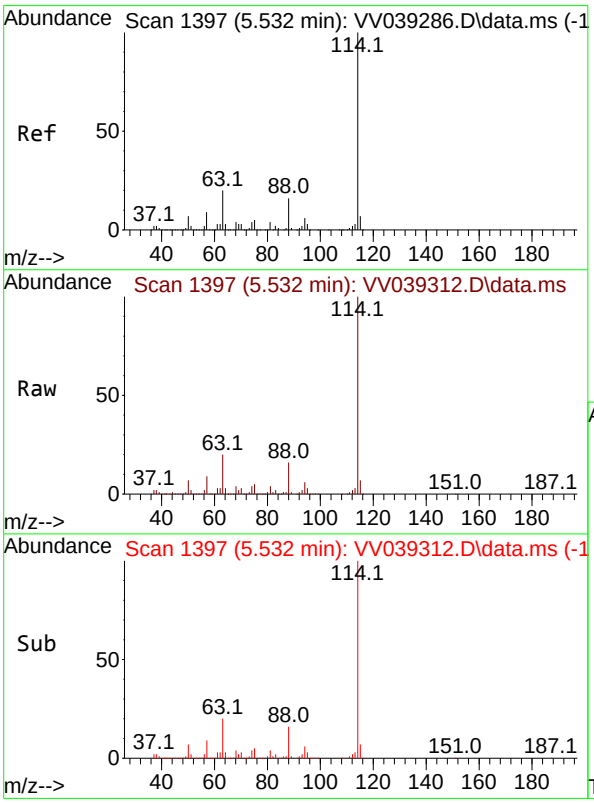
#33
1,2-Dichloroethane-d4
Concen: 62.225 ug/l
RT: 4.941 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039312.D
Acq: 04 Nov 2025 14:12

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 65 Resp: 583542

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	108.4

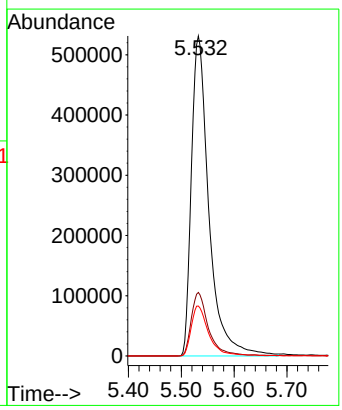


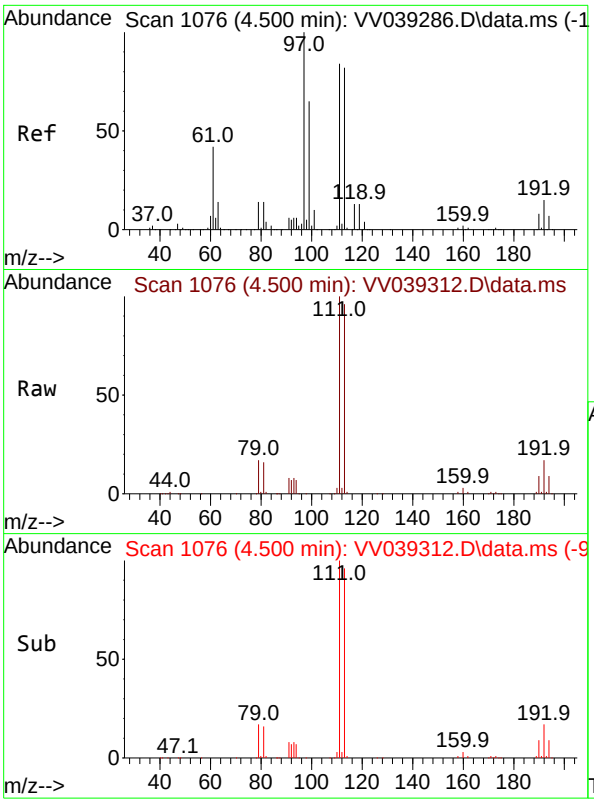


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VV039312.D
Acq: 04 Nov 2025 14:12

Tgt Ion:114 Resp: 1223717

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.6
88	15.6	0.0	31.6



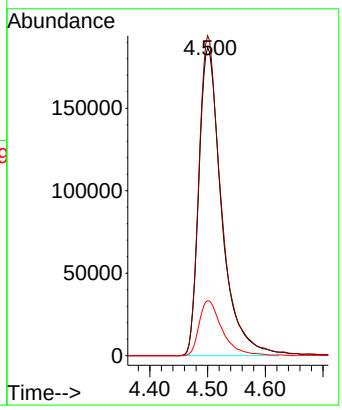


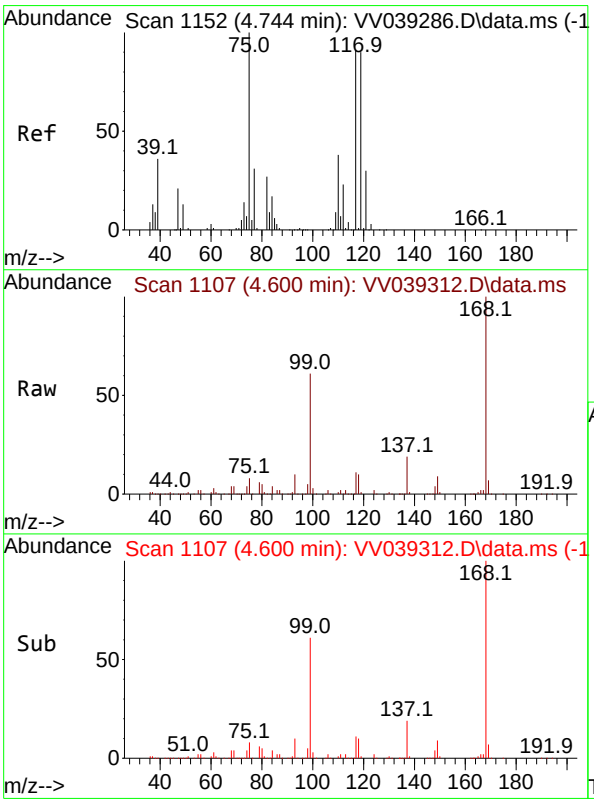
#35
Dibromofluoromethane
Concen: 52.900 ug/l
RT: 4.500 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039312.D
Acq: 04 Nov 2025 14:12

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:113 Resp: 510064

Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.0	123.0
192	18.2	14.3	21.5

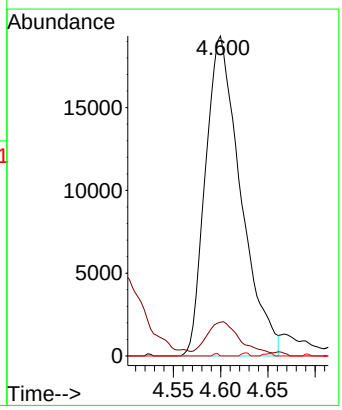


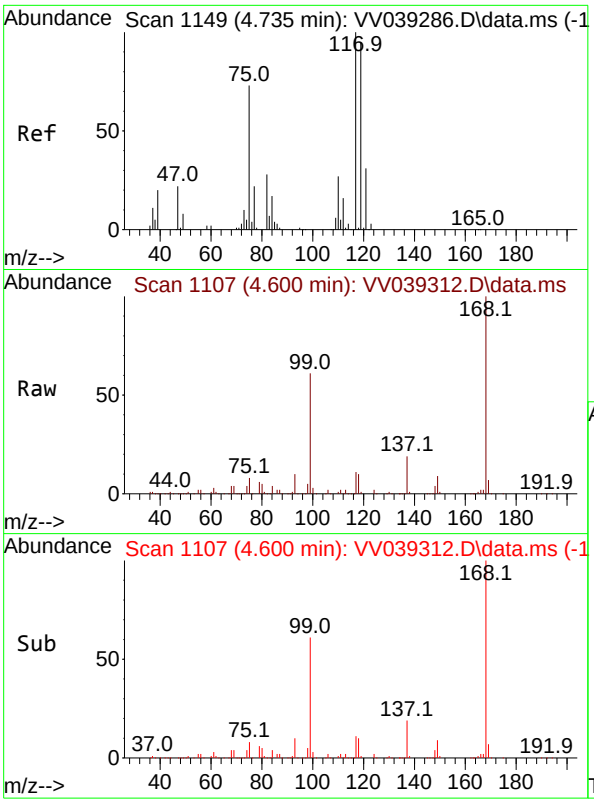


#36
1,1-Dichloropropene
Concen: 4.130 ug/l
RT: 4.600 min Scan# 1107
Delta R.T. -0.145 min
Lab File: VV039312.D
Acq: 04 Nov 2025 14:12

Tgt Ion: 75 Resp: 50013

Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.9	56.7#
77	0.1	24.1	36.1#



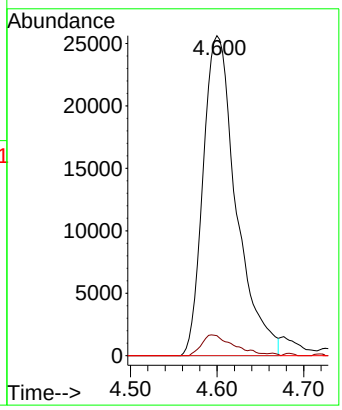


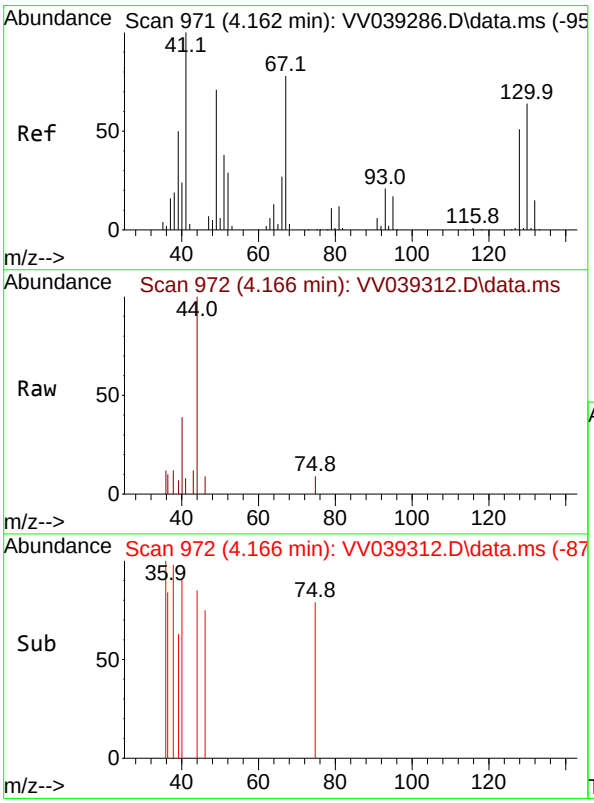
#38
Carbon Tetrachloride
Concen: 4.607 ug/l
RT: 4.600 min Scan# 11
Delta R.T. -0.135 min
Lab File: VV039312.D
Acq: 04 Nov 2025 14:12

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:117 Resp: 67976

Ion	Ratio	Lower	Upper
117	100		
119	6.2	75.9	113.9#
121	0.0	24.6	37.0#

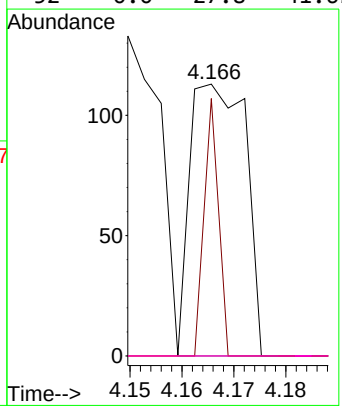


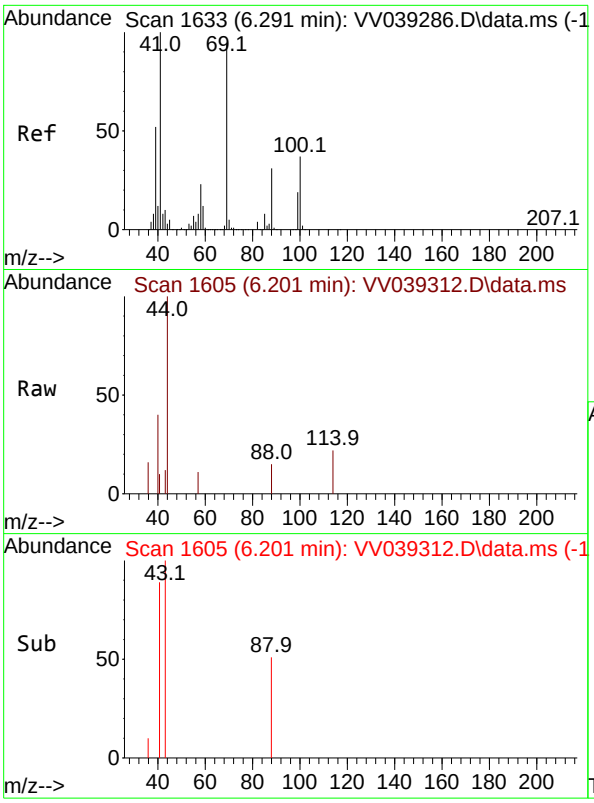


#41
Methacrylonitrile
Concen: 1.705 ug/l
RT: 4.166 min Scan# 972
Delta R.T. 0.003 min
Lab File: VV039312.D
Acq: 04 Nov 2025 14:12

Tgt Ion: 41 Resp: 84

Ion	Ratio	Lower	Upper
41	100		
39	25.0	40.9	61.3#
67	0.0	73.1	109.7#
52	0.0	27.8	41.6#



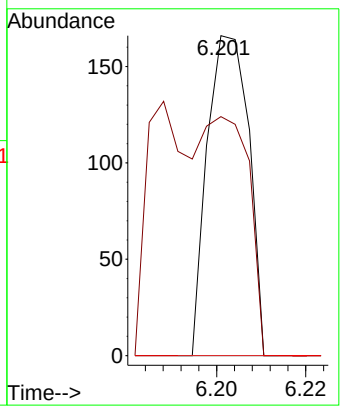


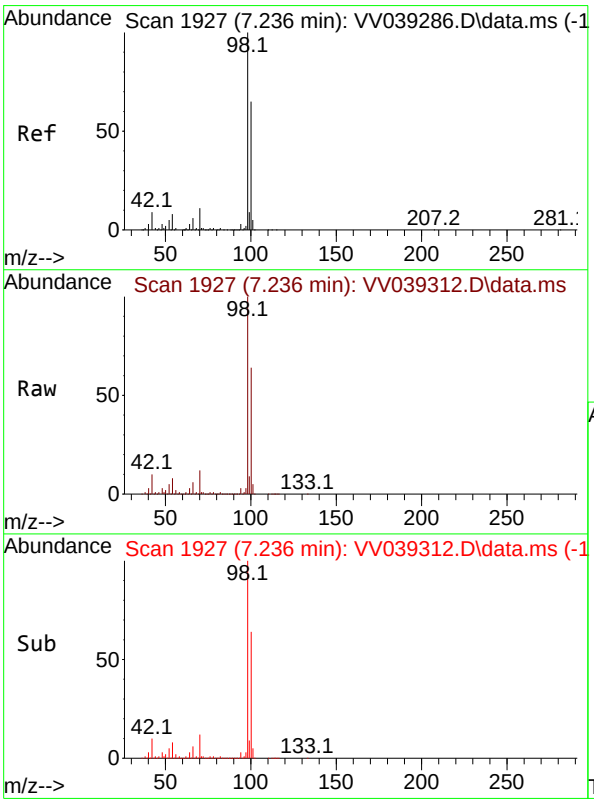
#49
1,4-Dioxane
Concen: 0.748 ug/l
RT: 6.201 min Scan# 1
Delta R.T. -0.090 min
Lab File: VV039312.D
Acq: 04 Nov 2025 14:12

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 88 Resp: 107

Ion	Ratio	Lower	Upper
88	100		
43	83.2	24.1	36.1#
58	0.0	57.6	86.4#

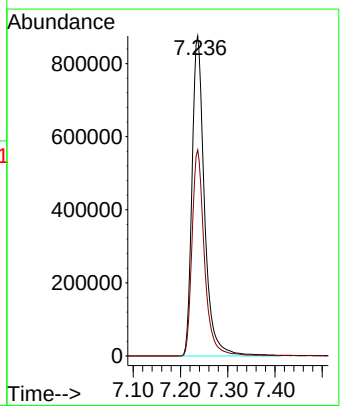


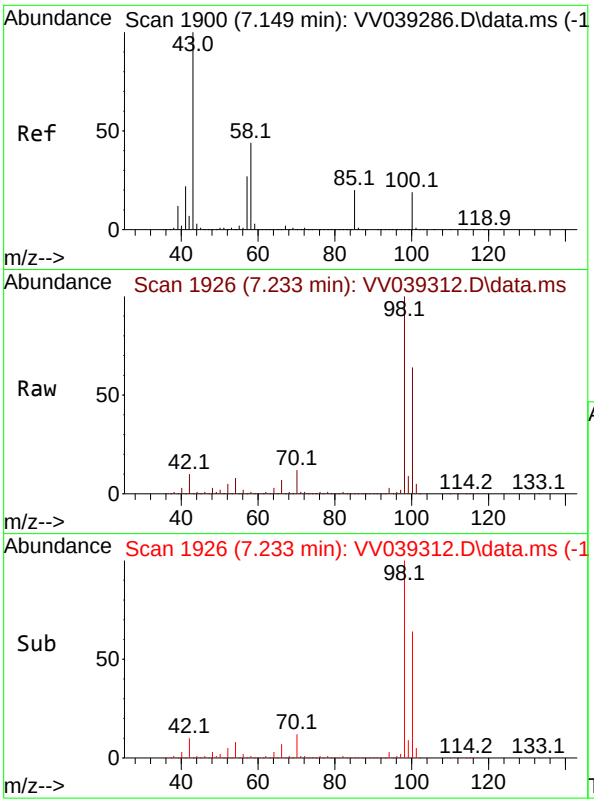


#50
Toluene-d8
Concen: 48.846 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VV039312.D
Acq: 04 Nov 2025 14:12

Tgt Ion: 98 Resp: 1602221

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.8	79.2



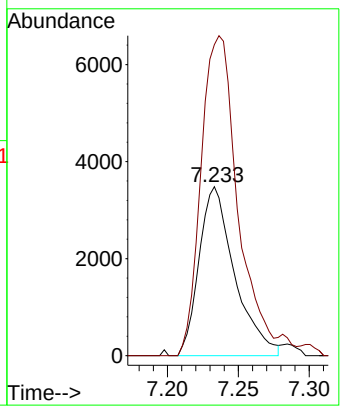


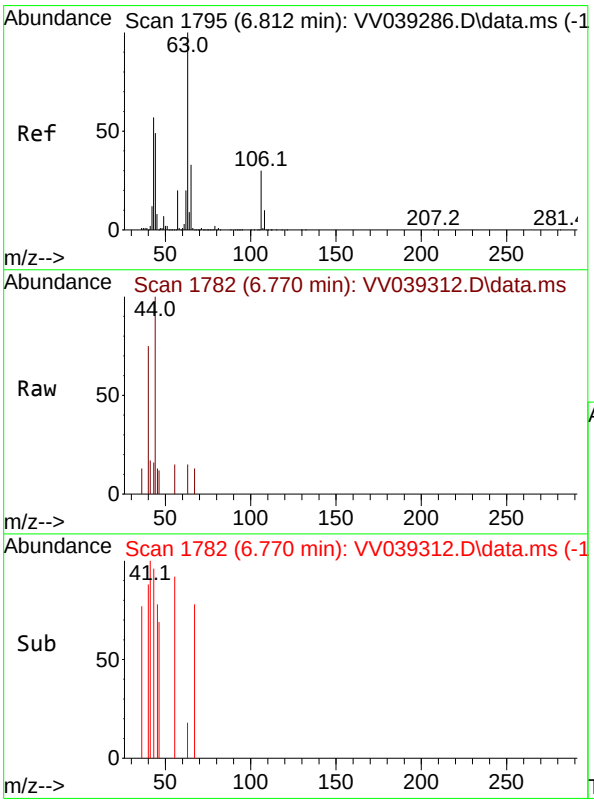
#51
4-Methyl-2-Pentanone
Concen: 0.473 ug/l
RT: 7.233 min Scan# 1
Delta R.T. 0.084 min
Lab File: VV039312.D
Acq: 04 Nov 2025 14:12

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 6091

Ion	Ratio	Lower	Upper
43	100		
58	199.1	34.2	51.4#

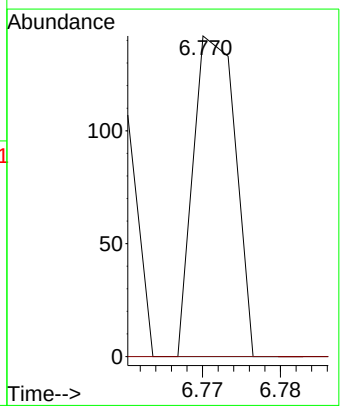


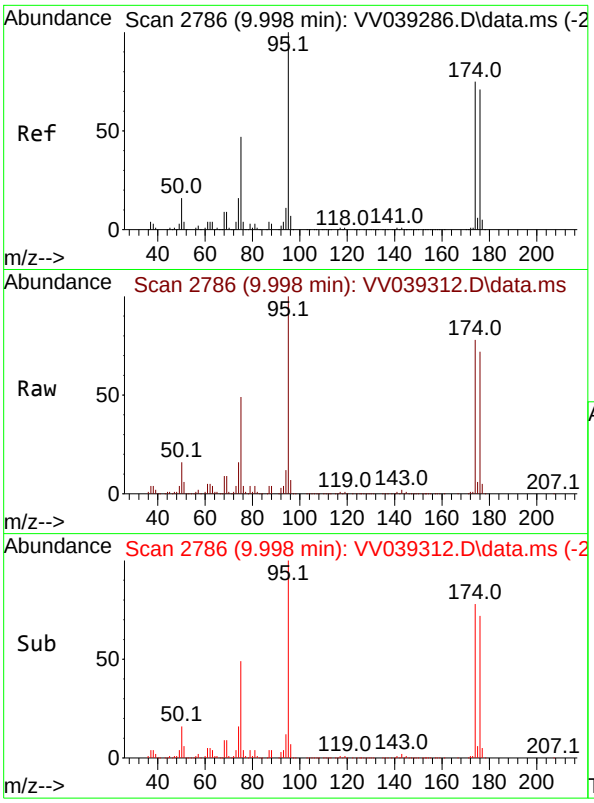


#58
2-Chloroethyl Vinyl ether
Concen: 8.475 ug/l
RT: 6.770 min Scan# 1782
Delta R.T. -0.042 min
Lab File: VV039312.D
Acq: 04 Nov 2025 14:12

Tgt Ion: 63 Resp: 53

Ion	Ratio	Lower	Upper
63	100		
106	0.0	23.5	35.3#



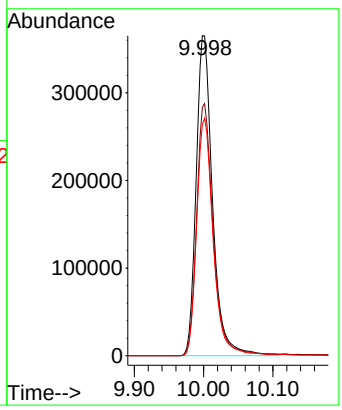


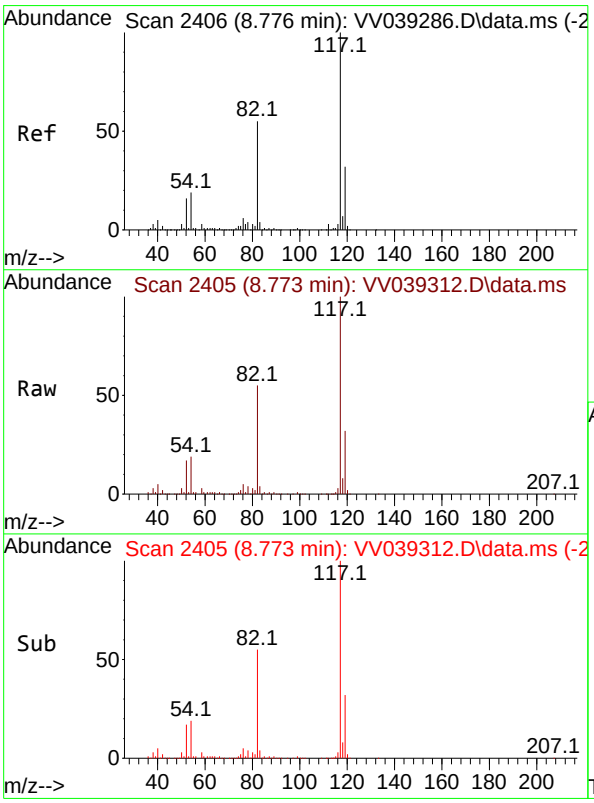
#62
4-Bromofluorobenzene
Concen: 51.595 ug/l
RT: 9.998 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV039312.D
Acq: 04 Nov 2025 14:12

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 602736

Ion	Ratio	Lower	Upper
95	100		
174	79.5	0.0	153.6
176	74.5	0.0	146.0

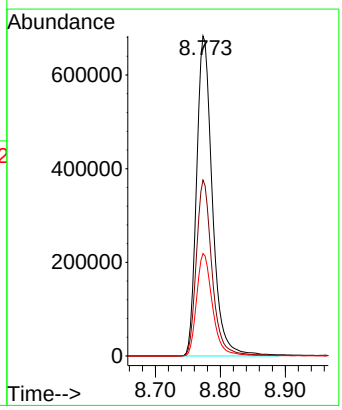


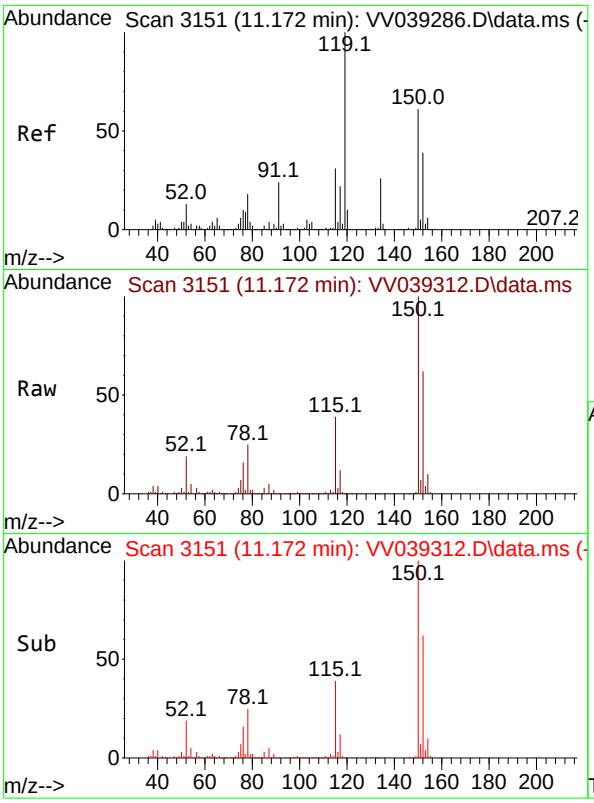


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. -0.003 min
Lab File: VV039312.D
Acq: 04 Nov 2025 14:12

Tgt Ion:117 Resp: 1158276

Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.8	65.8
119	32.0	25.8	38.6



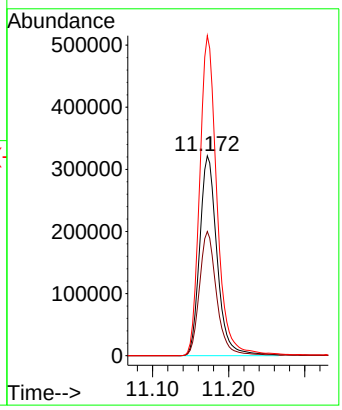


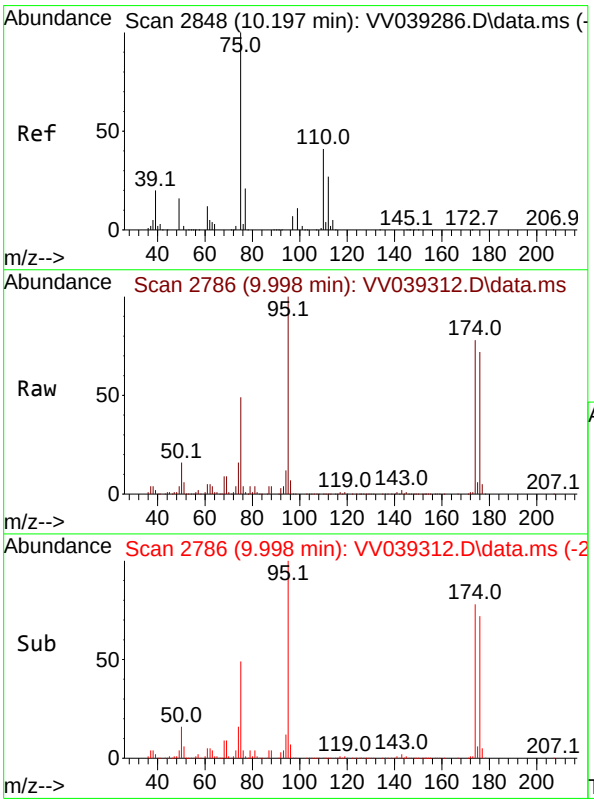
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV039312.D
Acq: 04 Nov 2025 14:12

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:152 Resp: 511635

Ion	Ratio	Lower	Upper
152	100		
115	61.6	42.3	126.8
150	159.4	0.0	348.0

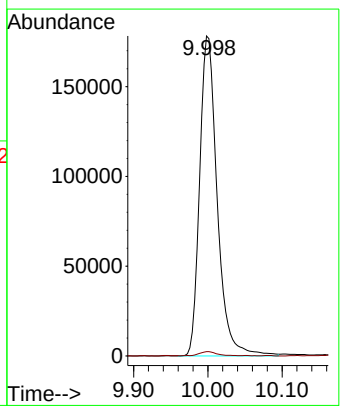


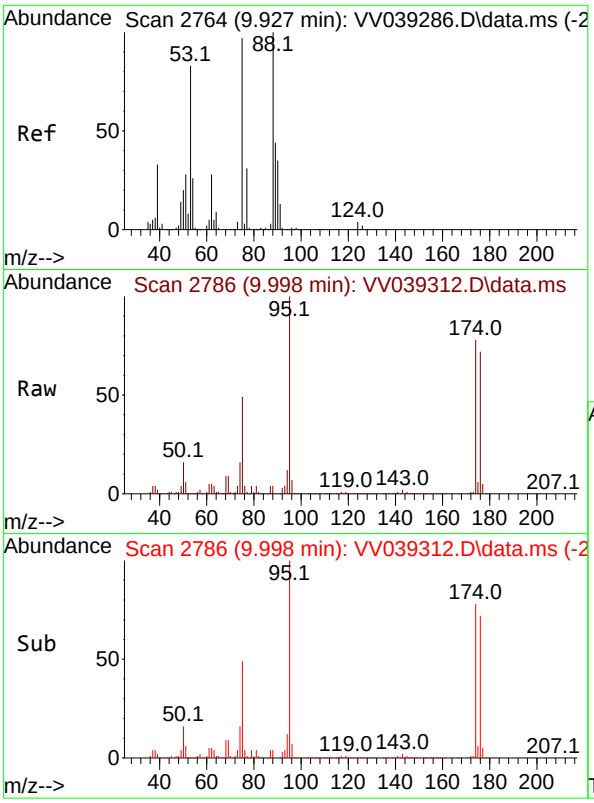


#76
1,2,3-Trichloropropane
Concen: 28.743 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. -0.199 min
Lab File: VV039312.D
Acq: 04 Nov 2025 14:12

Tgt Ion: 75 Resp: 293516

Ion	Ratio	Lower	Upper
75	100		
77	1.4	12.2	36.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 72.591 ug/l
RT: 9.998 min Scan# 2
Delta R.T. 0.071 min
Lab File: VV039312.D
Acq: 04 Nov 2025 14:12

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 293516

Ion	Ratio	Lower	Upper
75	100		
53	0.3	69.9	104.9#
89	0.0	37.4	56.0#