Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV102125\
Data File : VV039300.D
Acq On : 21 Oct 2025 13:08
Operator : SY/MD
Sample : Q3390-05 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
4175

Quant Time: Oct 24 04:48:10 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	1048283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1846439	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1707003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	788736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	759556	50.992	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 101.980%			
35) Dibromofluoromethane	4.500	113	664493	45.674	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 91.340%			
50) Toluene-d8	7.236	98	2263501	45.733	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 91.460%			
62) 4-Bromofluorobenzene	10.001	95	827414	46.941	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 93.880%			
Target Compounds						Qvalue
6) Chloroethane	1.558	64	1021	Below Cal	#	59
11) Tert butyl alcohol	2.574	59	17067	5.912	ug/l #	83
13) Acrolein	2.005	56	129	Below Cal	#	15
14) Allyl chloride	2.114	41	251365	11.218	ug/l #	1
16) Acetone	2.114	43	11637106	1742.713	ug/l	98
18) Methyl Acetate	2.114	43	11584986	600.202	ug/l #	51
20) Methylene Chloride	2.458	84	4520	Below Cal	#	78
31) Cyclohexane	4.596	56	23814	1.213	ug/l #	1
36) 1,1-Dichloropropene	4.596	75	81324	4.450	ug/l #	49
38) Carbon Tetrachloride	4.596	117	111457	5.007	ug/l #	16
40) Benzene	5.021	78	37228	0.635	ug/l	96
41) Methacrylonitrile	4.169	41	207	1.713	ug/l #	17
52) Toluene	7.307	92	2100248	59.323	ug/l	99
53) t-1,3-Dichloropropene	7.307	75	22165	1.079	ug/l #	1
58) 2-Chloroethyl Vinyl ether	6.837	63	44	8.471	ug/l #	45
67) Ethyl Benzene	8.950	91	20165	0.339	ug/l	100
68) m/p-Xylenes	9.072	106	22805	0.966	ug/l	98
69) o-Xylene	9.474	106	11107	0.533	ug/l	92
76) 1,2,3-Trichloropropane	9.998	75	409002	25.981	ug/l #	53
81) trans-1,4-Dichloro-2-b...	9.998	75	409002	65.615	ug/l #	14
84) 1,2,4-Trimethylbenzene	10.853	105	7959	0.201	ug/l	93
95) Naphthalene	13.442	128	14610	0.320	ug/l	97

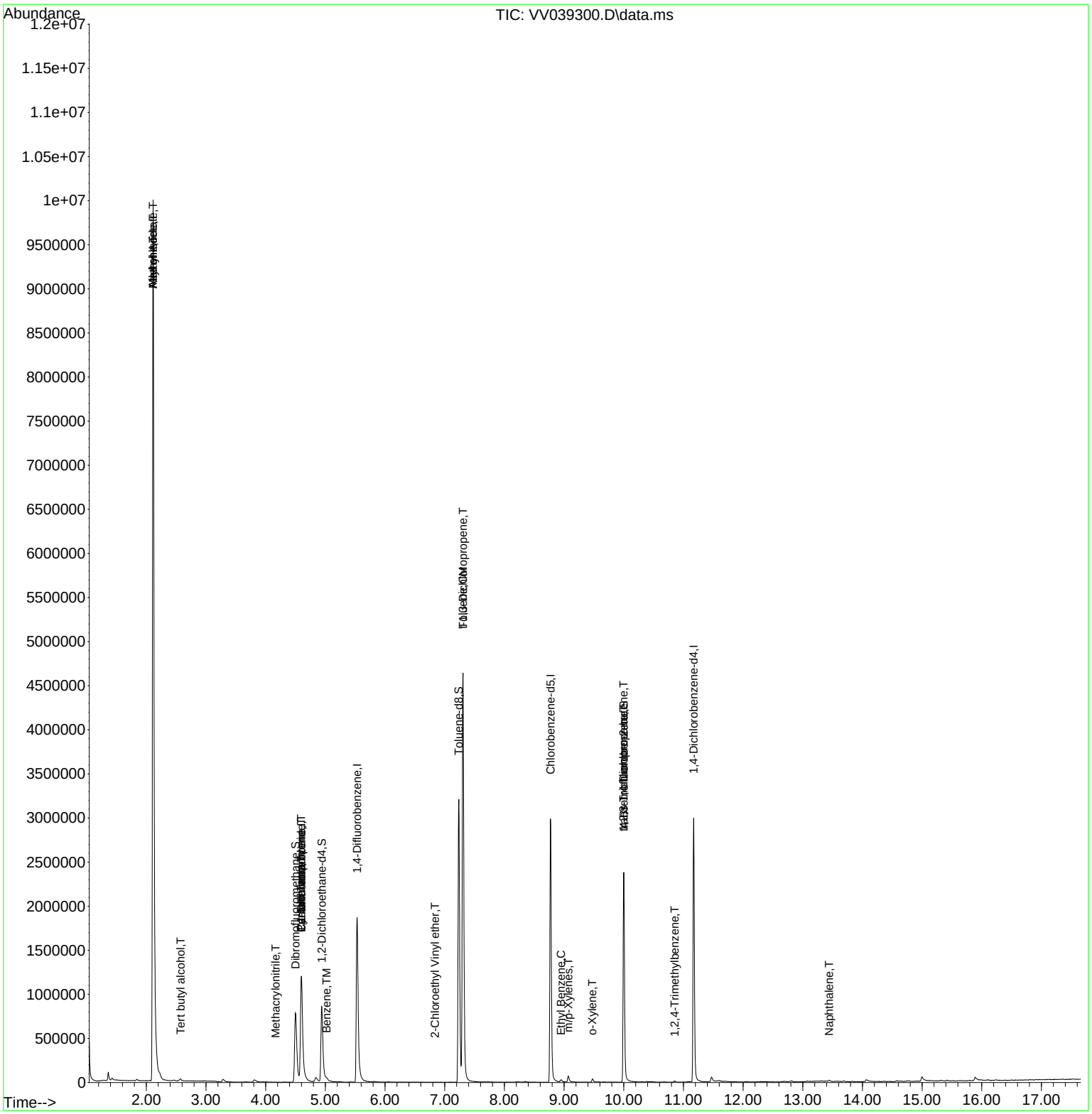
(#) = qualifier out of range (m) = manual integration (+) = signals summed

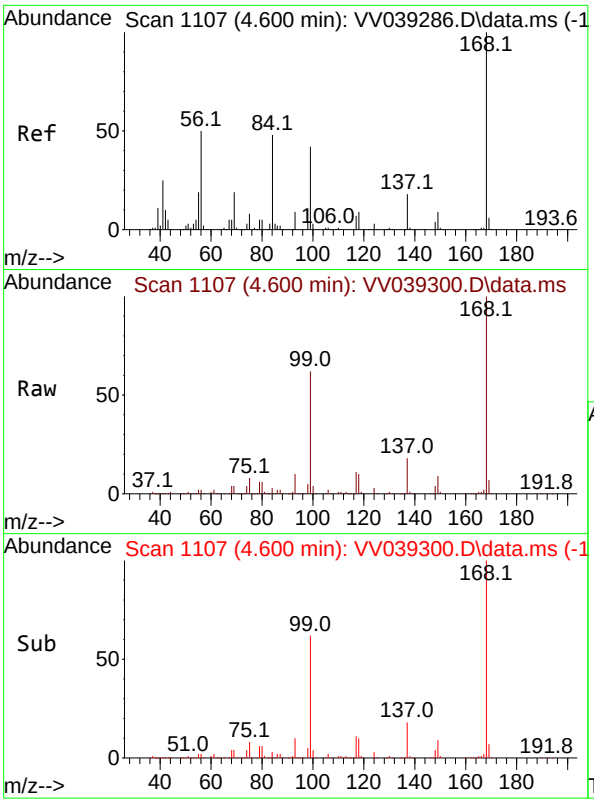
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV102125\
Data File : VV039300.D
Acq On : 21 Oct 2025 13:08
Operator : SY/MD
Sample : Q3390-05 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
4175

Quant Time: Oct 24 04:48:10 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



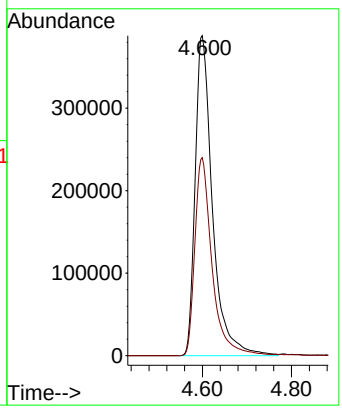


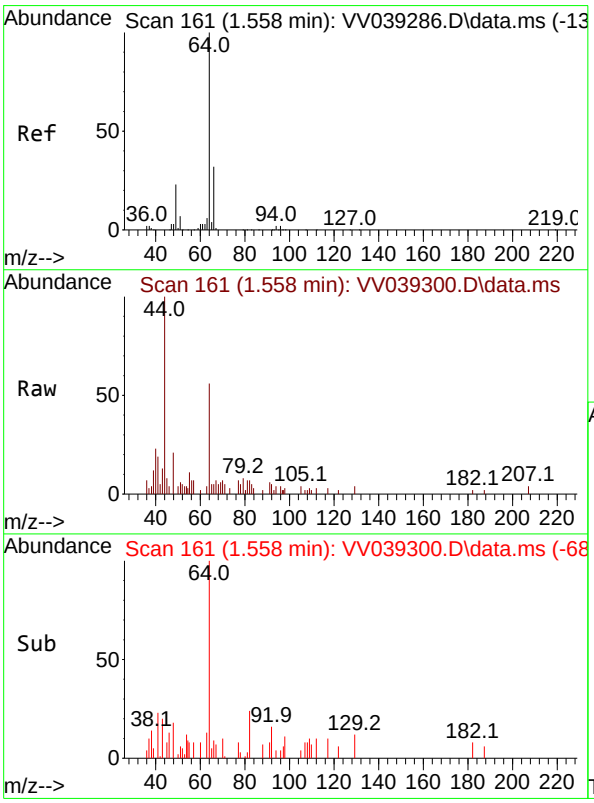
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV039300.D
Acq: 21 Oct 2025 13:08

Instrument :
MSVOA_V
ClientSampleId :
4175

Tgt Ion:168 Resp: 1048283

Ion	Ratio	Lower	Upper
168	100		
99	61.9	46.6	70.0

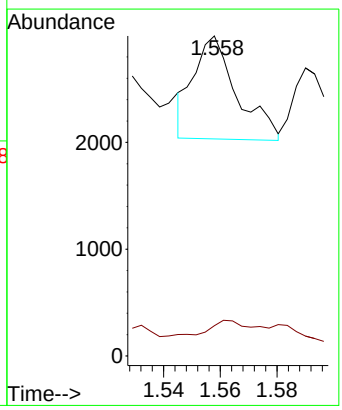


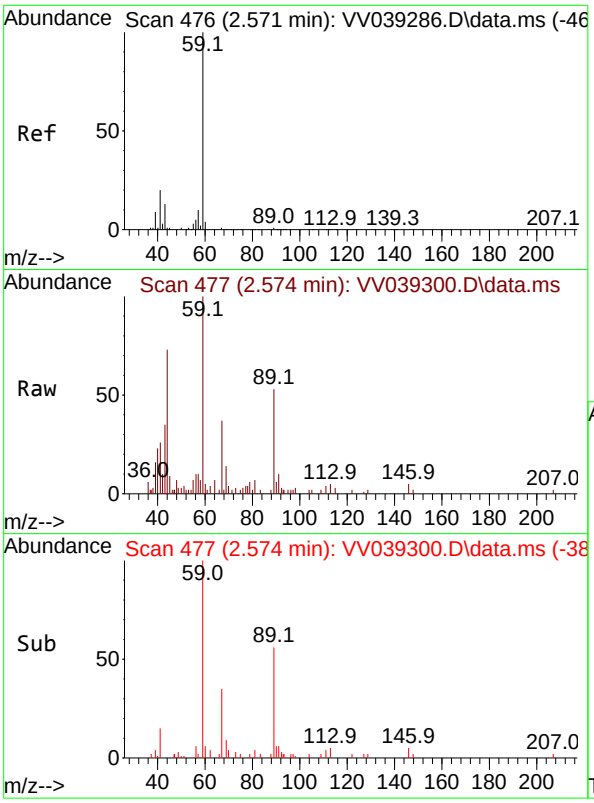


#6
Chloroethane
Concen: Below Cal
RT: 1.558 min Scan# 161
Delta R.T. -0.000 min
Lab File: VV039300.D
Acq: 21 Oct 2025 13:08

Tgt Ion: 64 Resp: 1021

Ion	Ratio	Lower	Upper
64	100		
66	8.9	25.7	38.5#



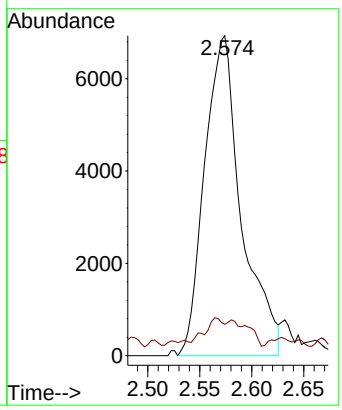


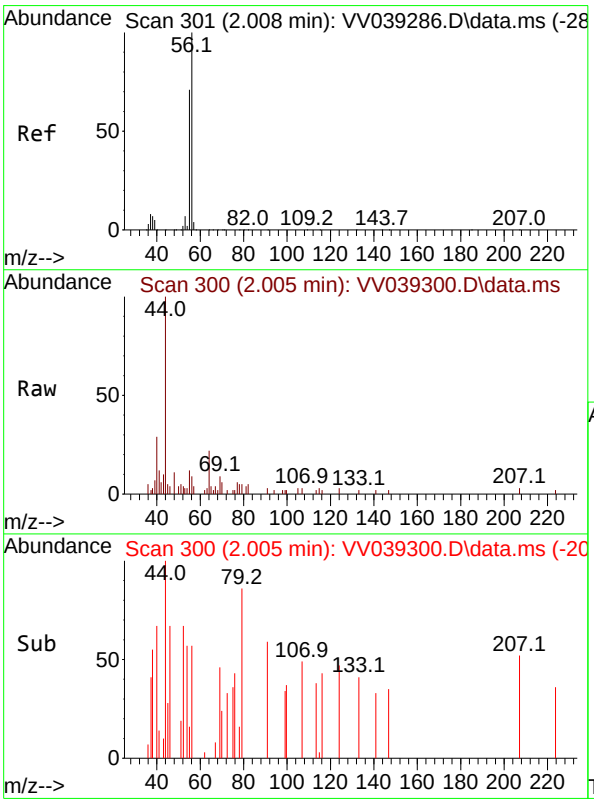
#11
Tert butyl alcohol
Concen: 5.912 ug/l
RT: 2.574 min Scan# 4
Delta R.T. 0.003 min
Lab File: VV039300.D
Acq: 21 Oct 2025 13:08

Instrument :
MSVOA_V
ClientSampleId :
4175

Tgt Ion: 59 Resp: 17067

Ion	Ratio	Lower	Upper
59	100		
57	3.7	8.1	12.1#

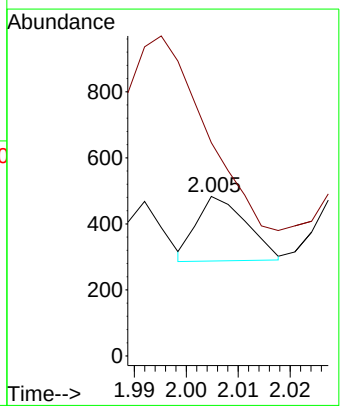


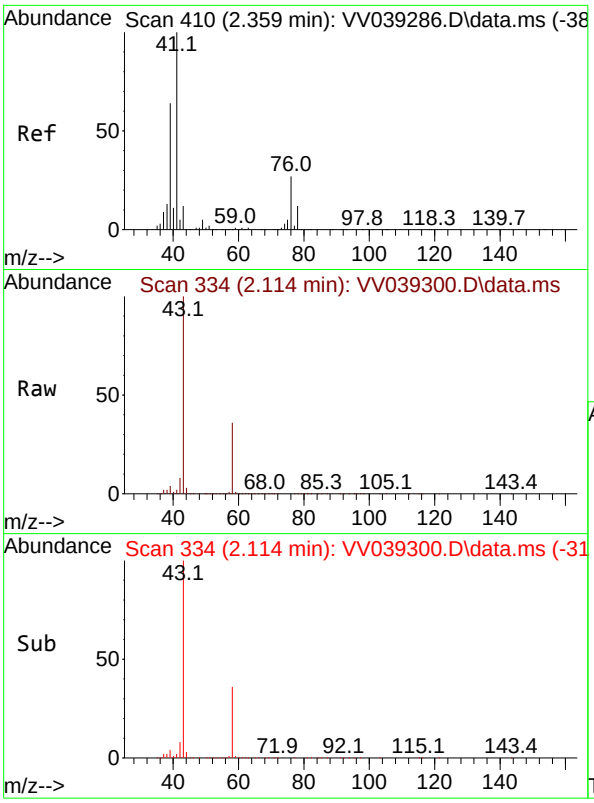


#13
Acrolein
Concen: Below Cal
RT: 2.005 min Scan# 300
Delta R.T. -0.003 min
Lab File: VV039300.D
Acq: 21 Oct 2025 13:08

Tgt Ion: 56 Resp: 129

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.2	84.4#



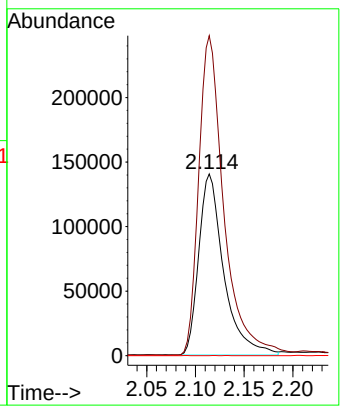


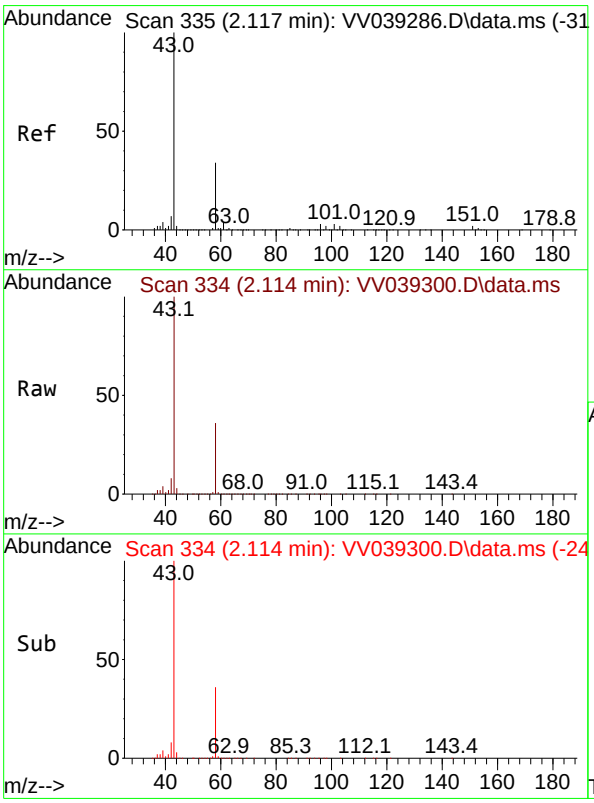
#14
Allyl chloride
Concen: 11.218 ug/l
RT: 2.114 min Scan# 3
Delta R.T. -0.244 min
Lab File: VV039300.D
Acq: 21 Oct 2025 13:08

Instrument :
MSVOA_V
ClientSampleId :
4175

Tgt Ion: 41 Resp: 251365

Ion	Ratio	Lower	Upper
41	100		
39	177.2	47.8	71.6#
76	0.0	30.2	45.2#

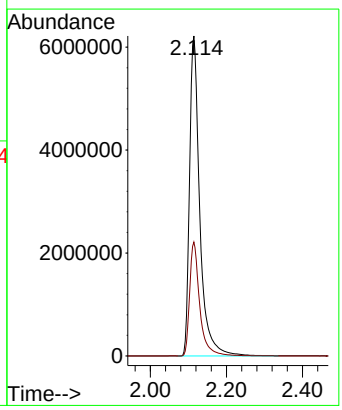


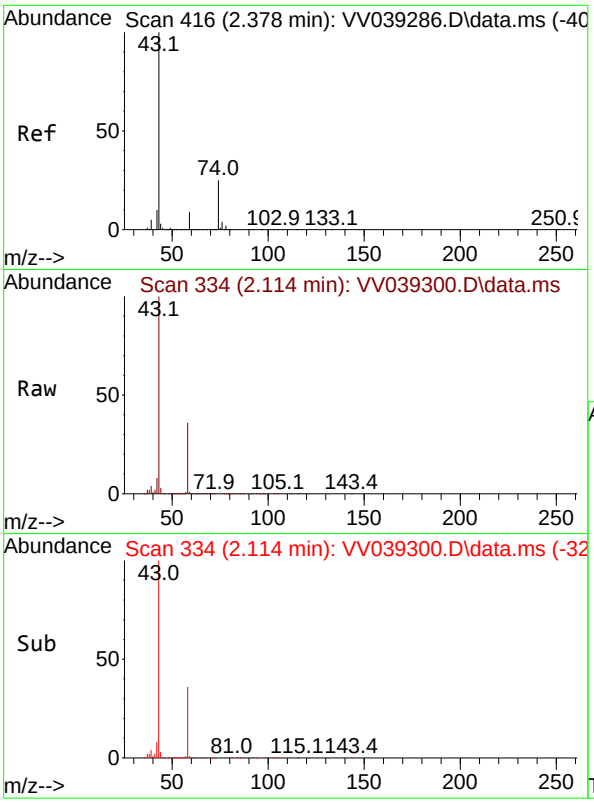


#16
Acetone
Concen: 1742.713 ug/l
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV039300.D
Acq: 21 Oct 2025 13:08

Tgt Ion: 43 Resp:11637106

Ion	Ratio	Lower	Upper
43	100		
58	35.6	27.5	41.3



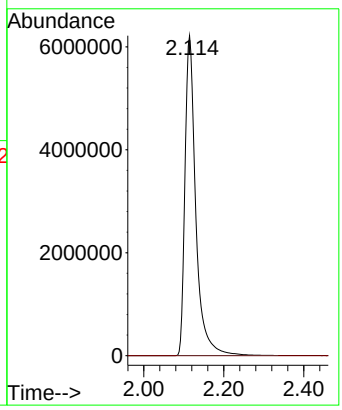


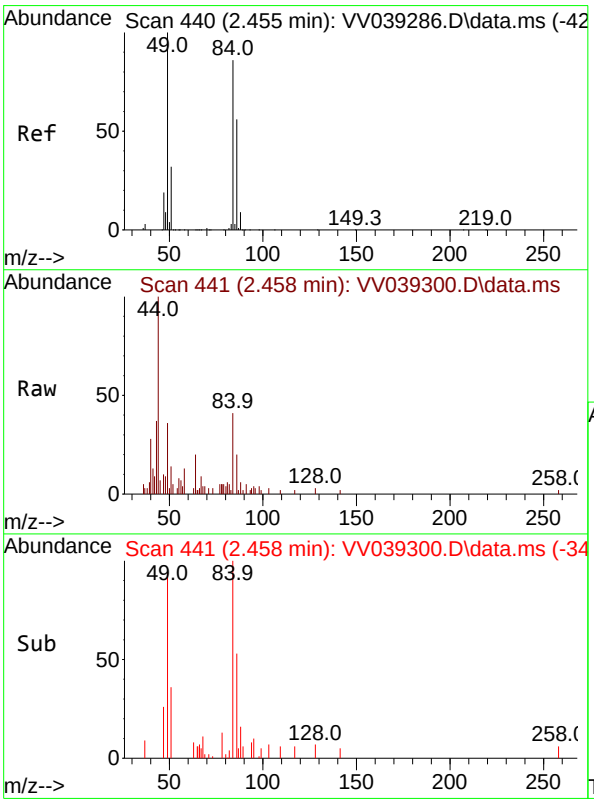
#18
Methyl Acetate
Concen: 600.202 ug/l
RT: 2.114 min Scan# 3
Delta R.T. -0.264 min
Lab File: VV039300.D
Acq: 21 Oct 2025 13:08

Instrument :
MSVOA_V
ClientSampleId :
4175

Tgt Ion: 43 Resp:11584986

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.5	29.3#

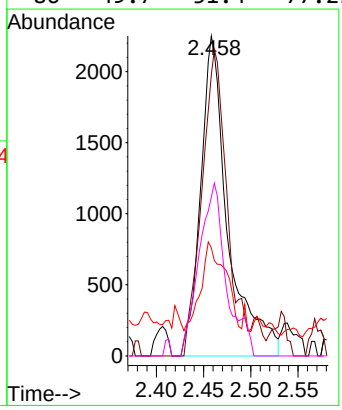


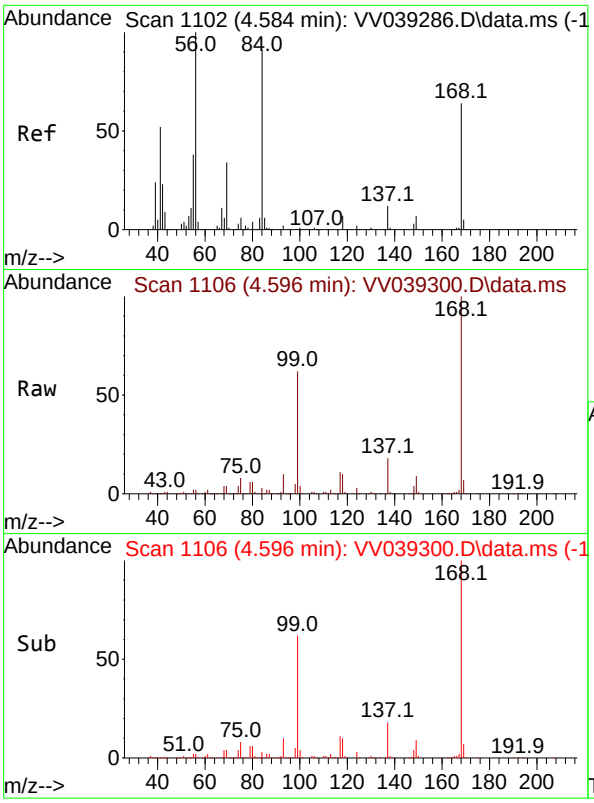


#20
Methylene Chloride
Concen: Below Cal
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV039300.D
Acq: 21 Oct 2025 13:08

Tgt Ion: 84 Resp: 4520

Ion	Ratio	Lower	Upper
84	100		
49	87.9	92.6	139.0#
51	26.9	29.6	44.4#
86	49.7	51.4	77.2#



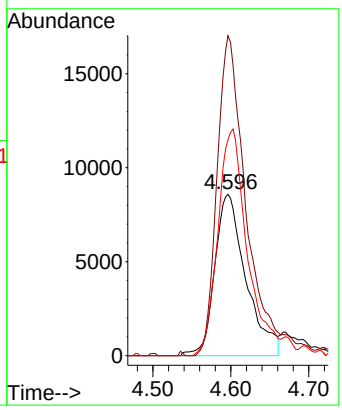


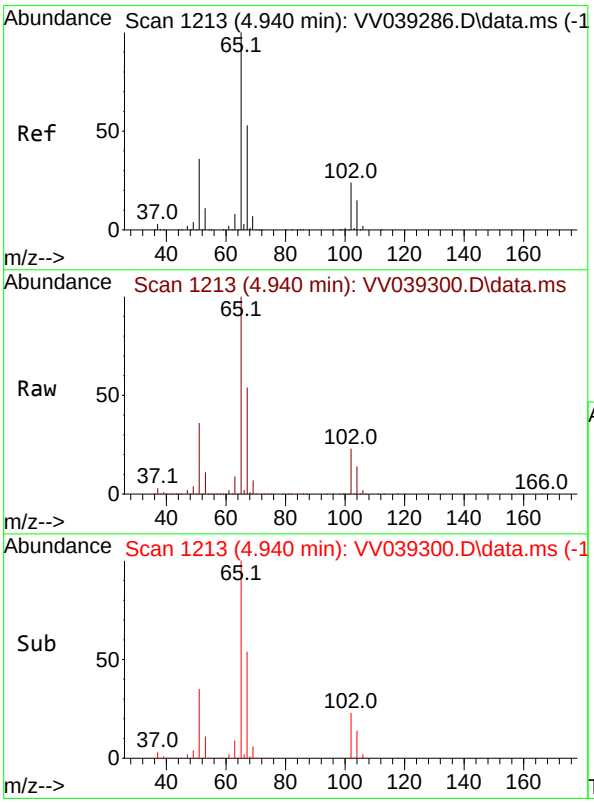
#31
Cyclohexane
Concen: 1.213 ug/l
RT: 4.596 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV039300.D
Acq: 21 Oct 2025 13:08

Instrument :
MSVOA_V
ClientSampleId :
4175

Tgt Ion: 56 Resp: 23814

Ion	Ratio	Lower	Upper
56	100		
69	198.4	27.4	41.0#
84	133.8	72.8	109.2#

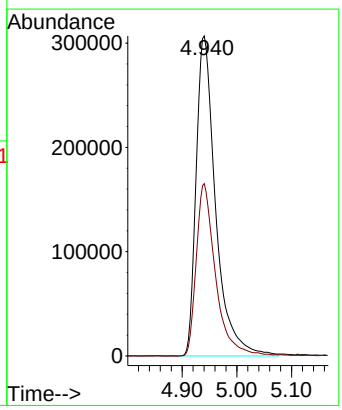


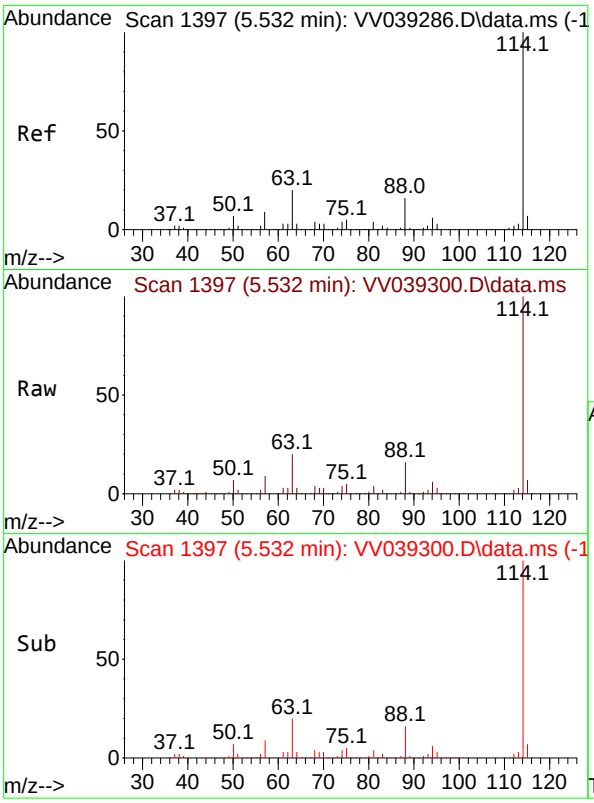


#33
1,2-Dichloroethane-d4
Concen: 50.992 ug/l
RT: 4.940 min Scan# 1213
Delta R.T. -0.000 min
Lab File: VV039300.D
Acq: 21 Oct 2025 13:08

Tgt Ion: 65 Resp: 759556

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	108.4



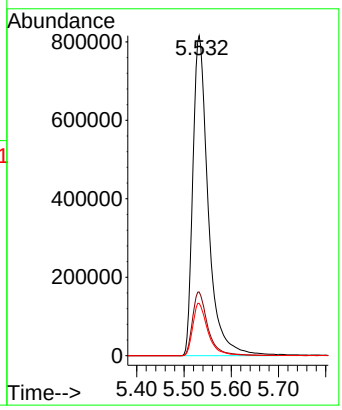


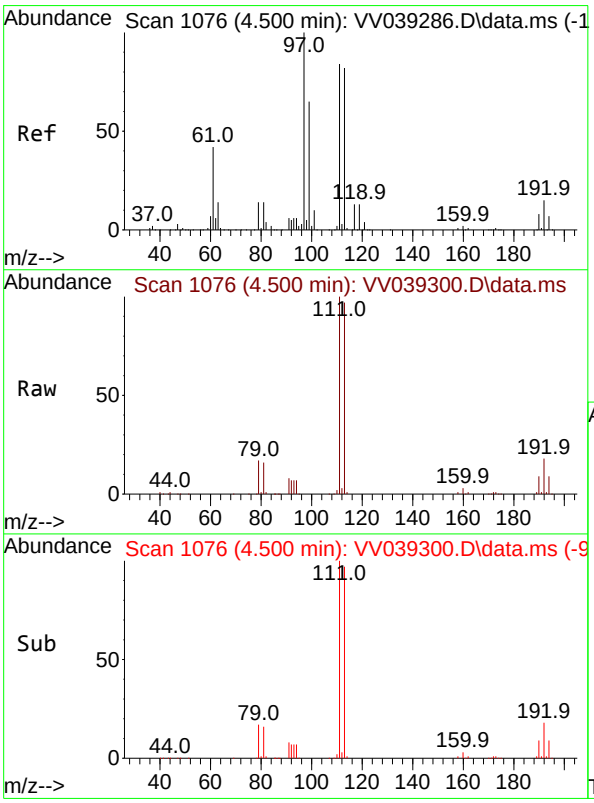
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV039300.D
Acq: 21 Oct 2025 13:08

Instrument :
MSVOA_V
ClientSampleId :
4175

Tgt Ion:114 Resp: 1846439

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.6
88	16.4	0.0	31.6

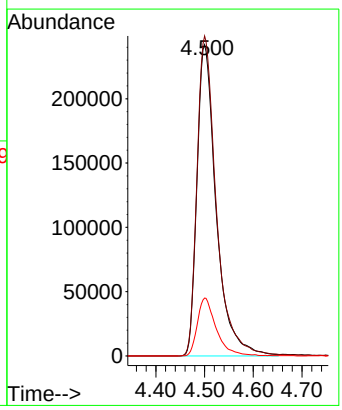


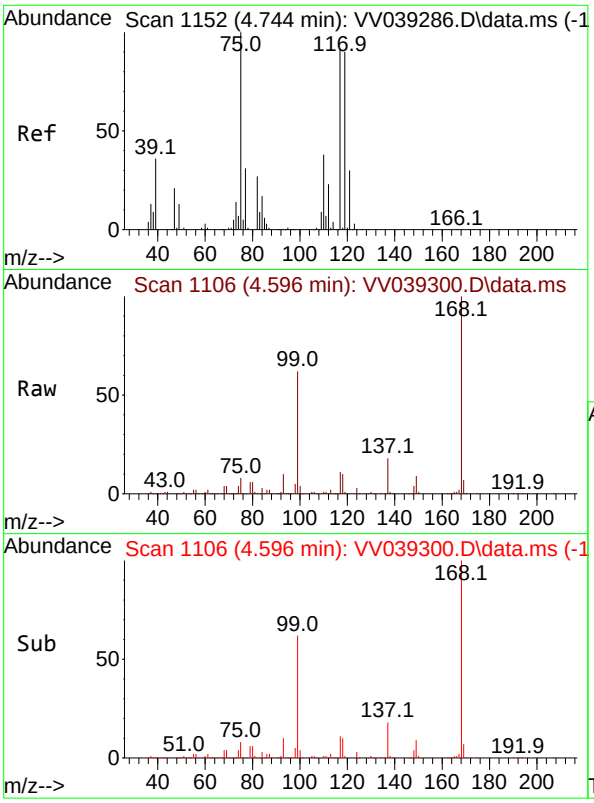


#35
Dibromofluoromethane
Concen: 45.674 ug/l
RT: 4.500 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VV039300.D
Acq: 21 Oct 2025 13:08

Tgt Ion:113 Resp: 664493

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.0	123.0
192	18.3	14.3	21.5



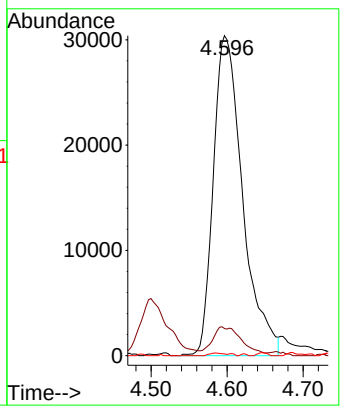


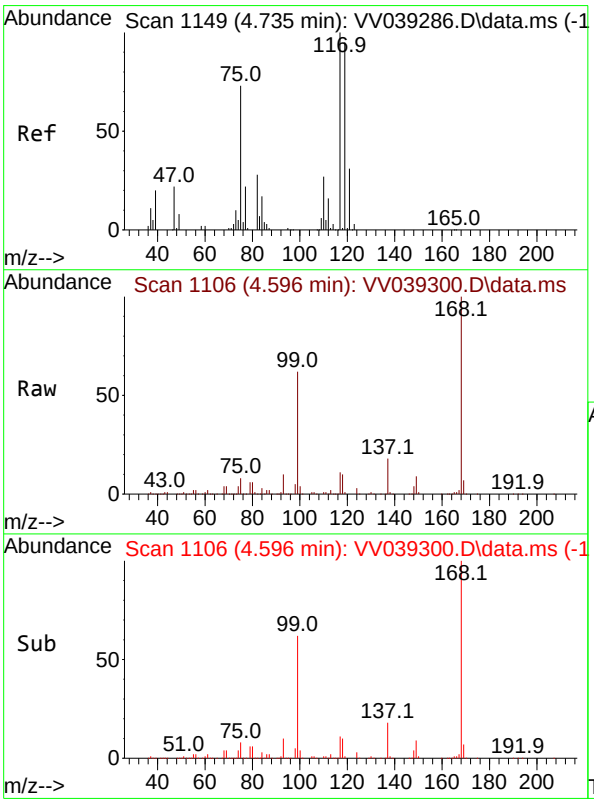
#36
1,1-Dichloropropene
Concen: 4.450 ug/l
RT: 4.596 min Scan# 11
Delta R.T. -0.148 min
Lab File: VV039300.D
Acq: 21 Oct 2025 13:08

Instrument :
MSVOA_V
ClientSampleId :
4175

Tgt Ion: 75 Resp: 81324

Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.9	56.7#
77	0.4	24.1	36.1#

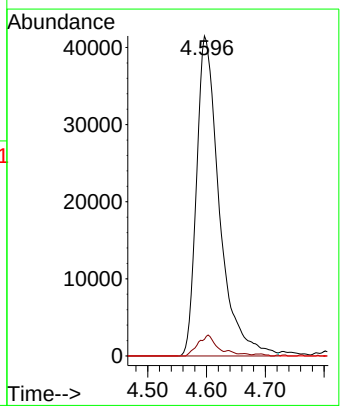


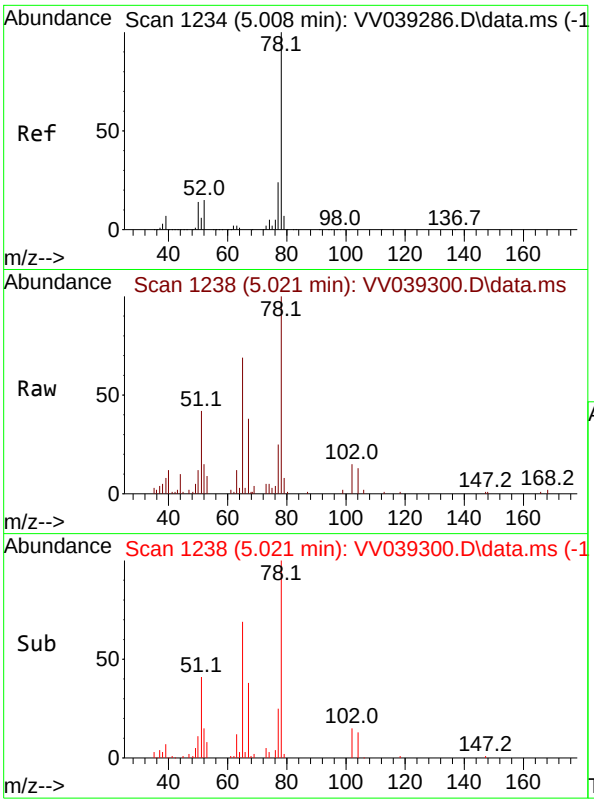


#38
Carbon Tetrachloride
Concen: 5.007 ug/l
RT: 4.596 min Scan# 1106
Delta R.T. -0.138 min
Lab File: VV039300.D
Acq: 21 Oct 2025 13:08

Tgt Ion:117 Resp: 111457

Ion	Ratio	Lower	Upper
117	100		
119	5.2	75.9	113.9#
121	0.0	24.6	37.0#



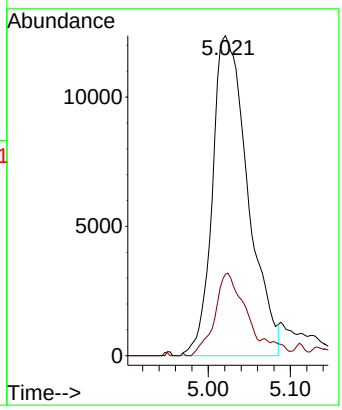


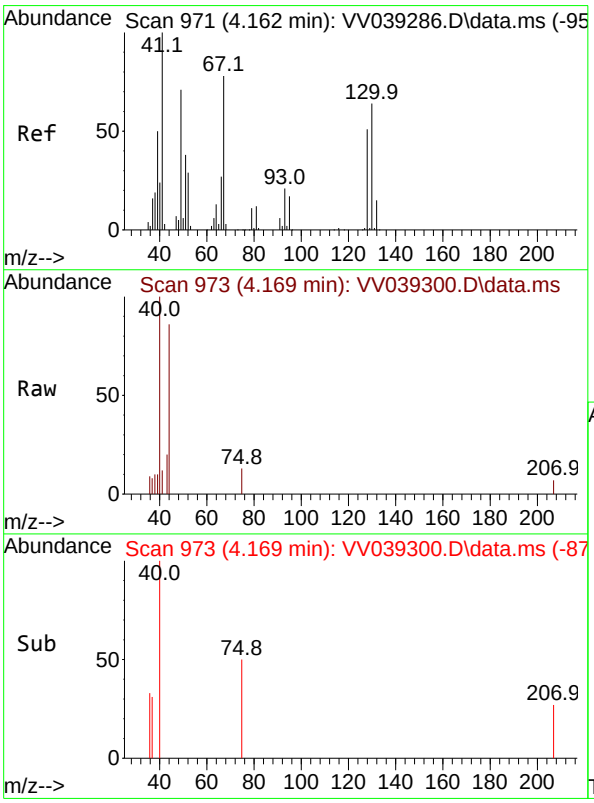
#40
Benzene
Concen: 0.635 ug/l
RT: 5.021 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV039300.D
Acq: 21 Oct 2025 13:08

Instrument :
MSVOA_V
ClientSampleId :
4175

Tgt Ion: 78 Resp: 37228

Ion	Ratio	Lower	Upper
78	100		
77	25.5	18.9	28.3

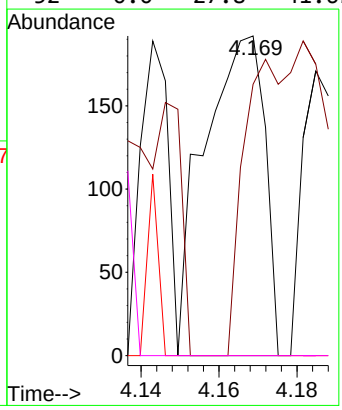


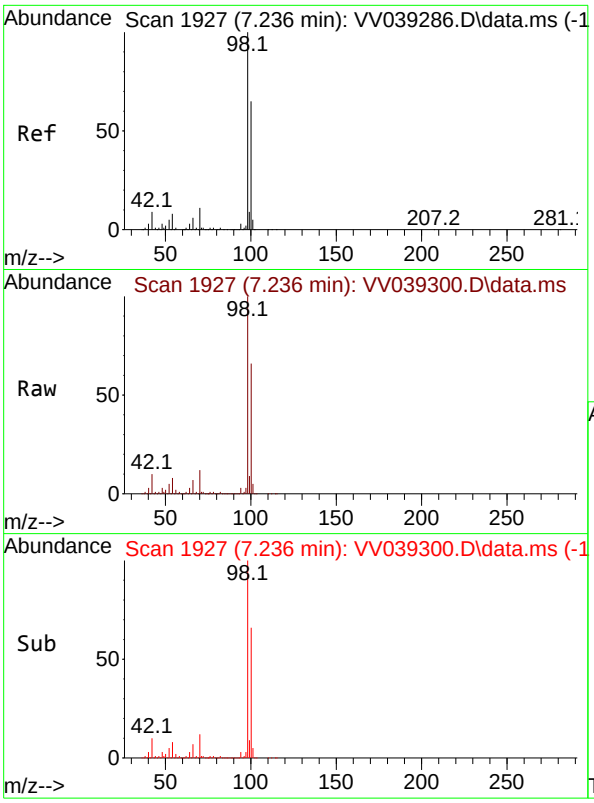


#41
Methacrylonitrile
Concen: 1.713 ug/l
RT: 4.169 min Scan# 973
Delta R.T. 0.006 min
Lab File: VV039300.D
Acq: 21 Oct 2025 13:08

Tgt Ion: 41 Resp: 207

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



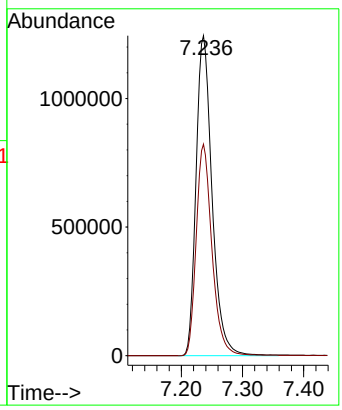


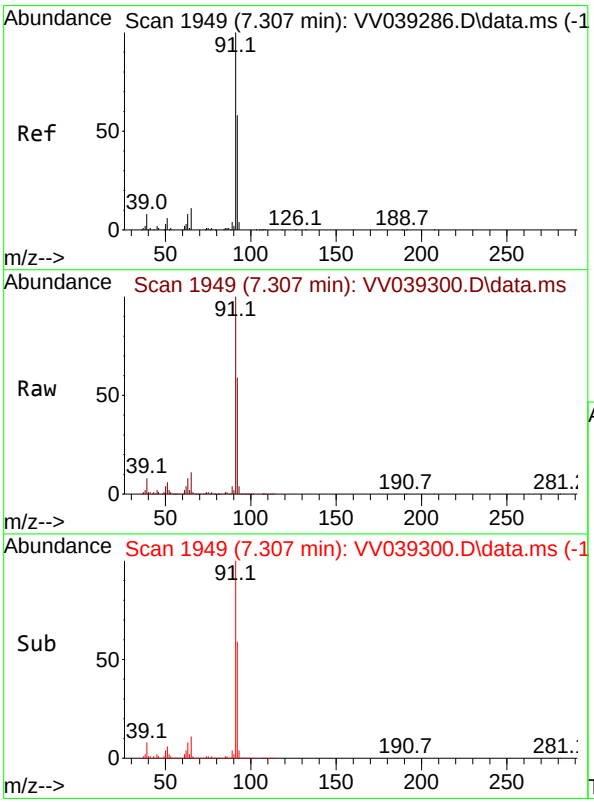
#50
Toluene-d8
Concen: 45.733 ug/l
RT: 7.236 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV039300.D
Acq: 21 Oct 2025 13:08

Instrument :
MSVOA_V
ClientSampleId :
4175

Tgt Ion: 98 Resp: 2263501

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.8	79.2

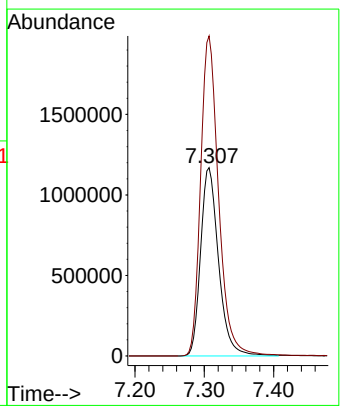


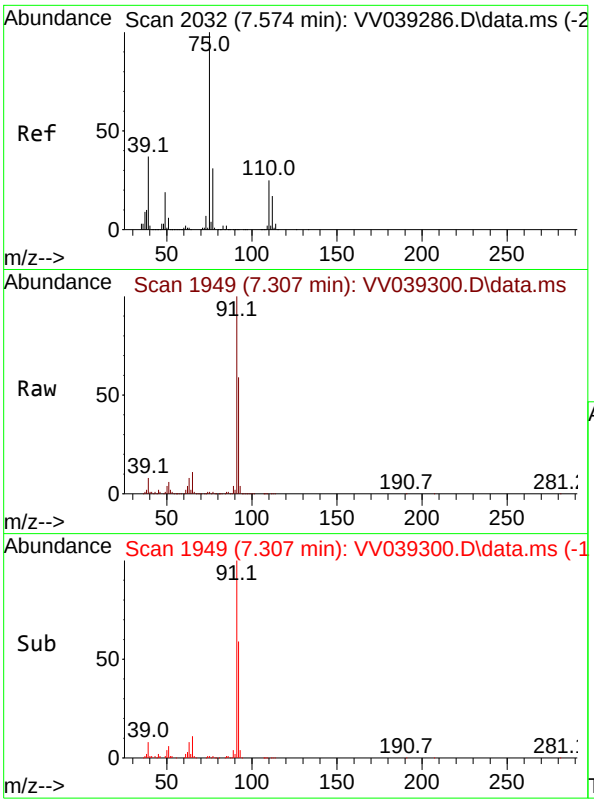


#52
Toluene
Concen: 59.323 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VV039300.D
Acq: 21 Oct 2025 13:08

Tgt Ion: 92 Resp: 2100248

Ion	Ratio	Lower	Upper
92	100		
91	170.9	137.3	205.9



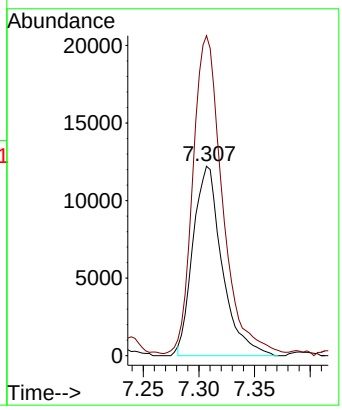


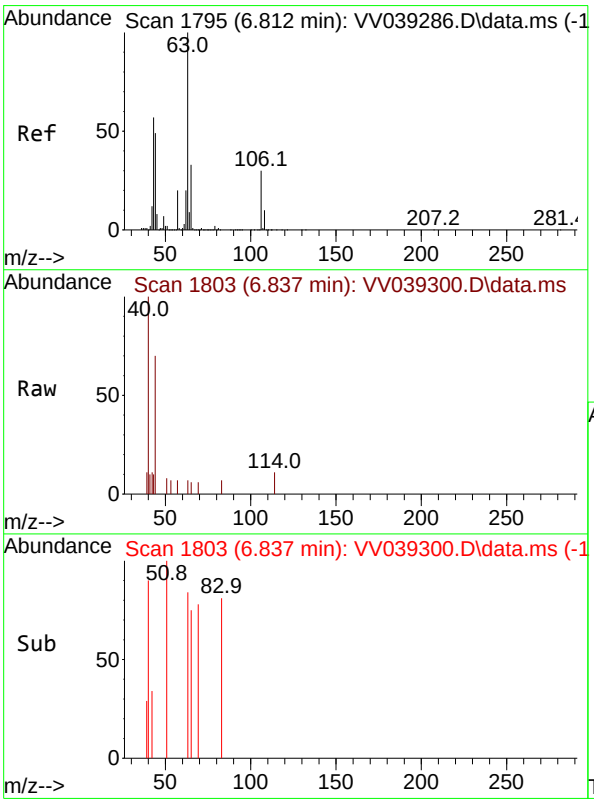
#53
t-1,3-Dichloropropene
Concen: 1.079 ug/l
RT: 7.307 min Scan# 1
Delta R.T. -0.267 min
Lab File: VV039300.D
Acq: 21 Oct 2025 13:08

Instrument :
MSVOA_V
ClientSampleId :
4175

Tgt Ion: 75 Resp: 22165

Ion	Ratio	Lower	Upper
75	100		
77	166.2	25.1	37.7#

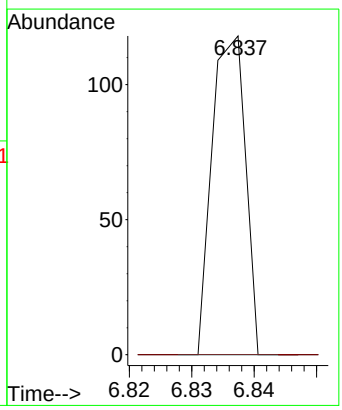


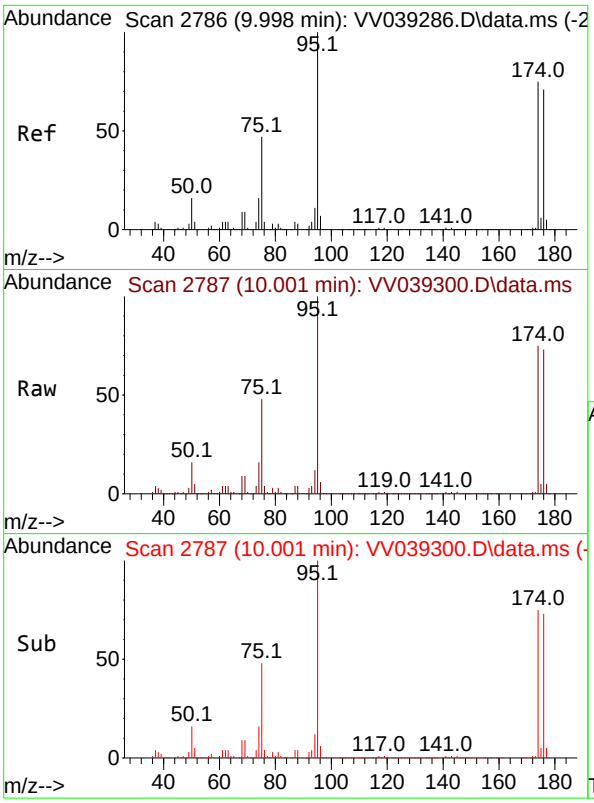


#58
2-Chloroethyl Vinyl ether
Concen: 8.471 ug/l
RT: 6.837 min Scan# 1803
Delta R.T. 0.026 min
Lab File: VV039300.D
Acq: 21 Oct 2025 13:08

Tgt Ion: 63 Resp: 44

Ion	Ratio	Lower	Upper
63	100		
106	0.0	23.5	35.3#



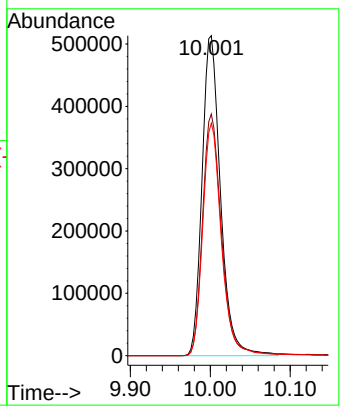


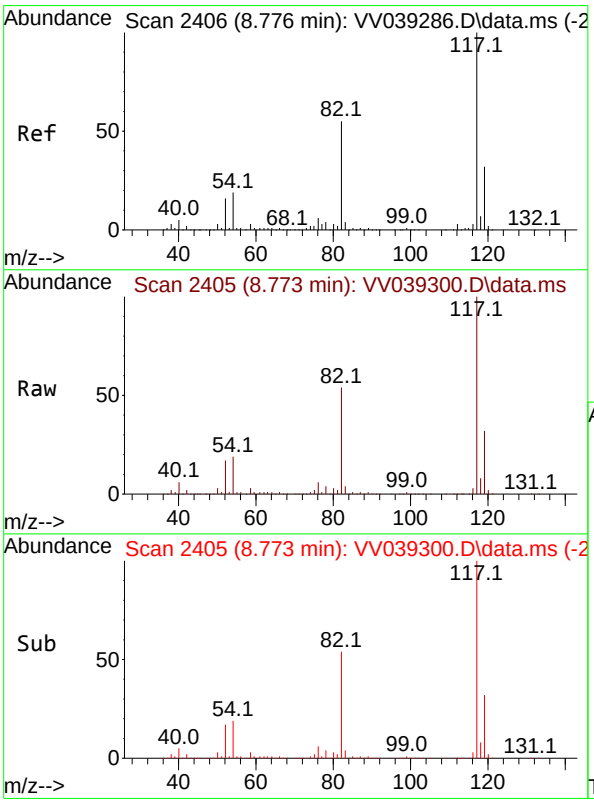
#62
4-Bromofluorobenzene
Concen: 46.941 ug/l
RT: 10.001 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV039300.D
Acq: 21 Oct 2025 13:08

Instrument :
MSVOA_V
ClientSampleId :
4175

Tgt Ion: 95 Resp: 827414

Ion	Ratio	Lower	Upper
95	100		
174	77.6	0.0	153.6
176	73.8	0.0	146.0

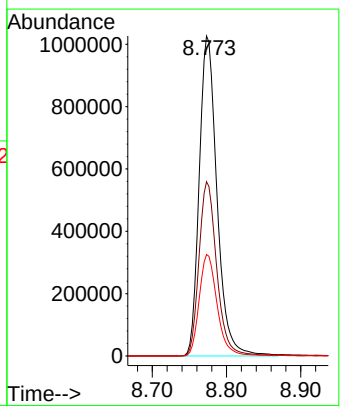


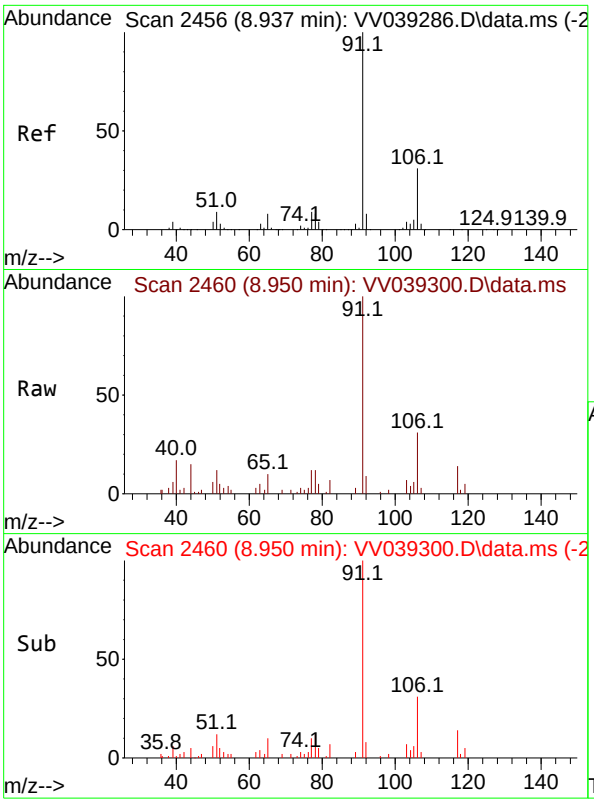


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. -0.003 min
Lab File: VV039300.D
Acq: 21 Oct 2025 13:08

Tgt Ion:117 Resp: 1707003

Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.8	65.8
119	31.7	25.8	38.6



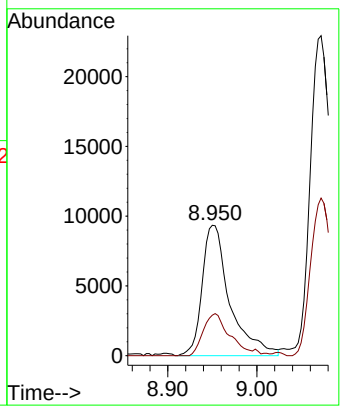


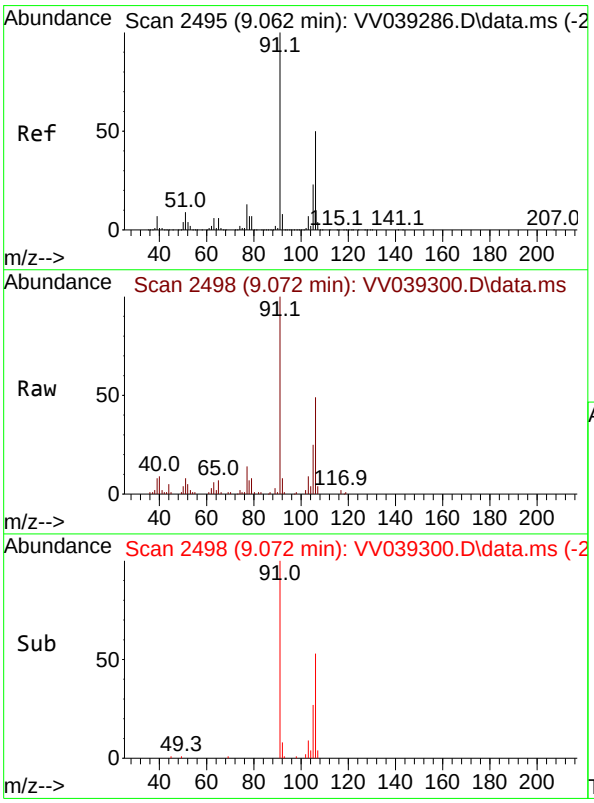
#67
Ethyl Benzene
Concen: 0.339 ug/l
RT: 8.950 min Scan# 24
Delta R.T. 0.013 min
Lab File: VV039300.D
Acq: 21 Oct 2025 13:08

Instrument :
MSVOA_V
ClientSampleId :
4175

Tgt Ion: 91 Resp: 20165

Ion	Ratio	Lower	Upper
91	100		
106	31.1	24.6	37.0

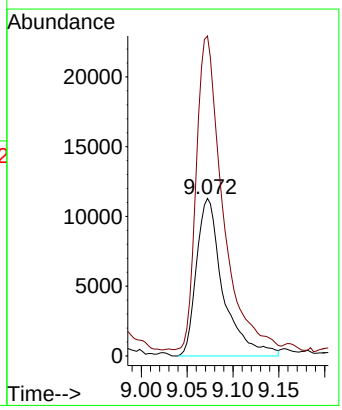


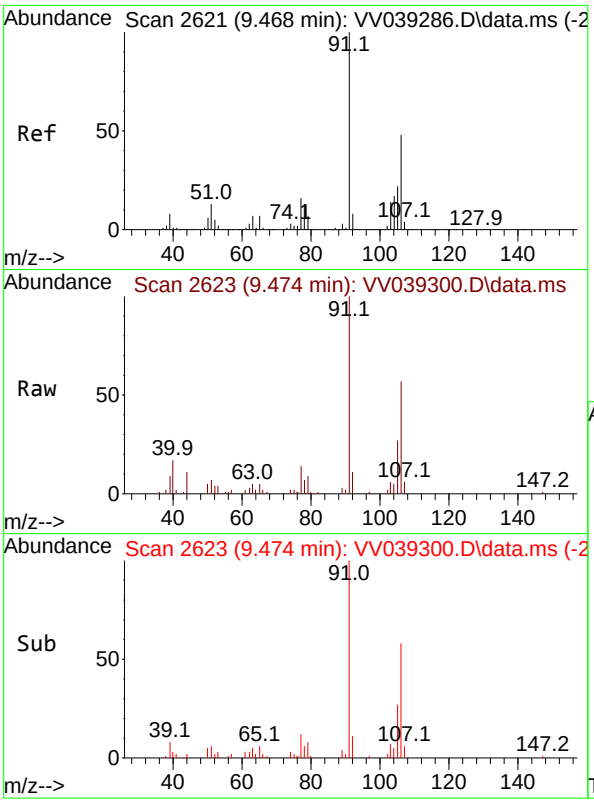


#68
m/p-Xylenes
Concen: 0.966 ug/l
RT: 9.072 min Scan# 2498
Delta R.T. 0.010 min
Lab File: VV039300.D
Acq: 21 Oct 2025 13:08

Tgt Ion:106 Resp: 22805

Ion	Ratio	Lower	Upper
106	100		
91	197.7	160.2	240.2



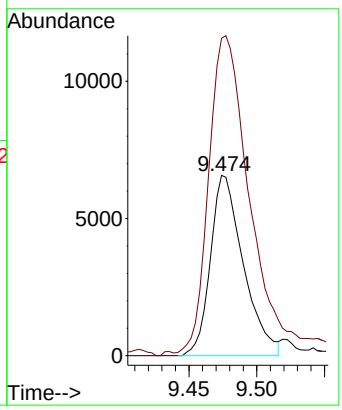


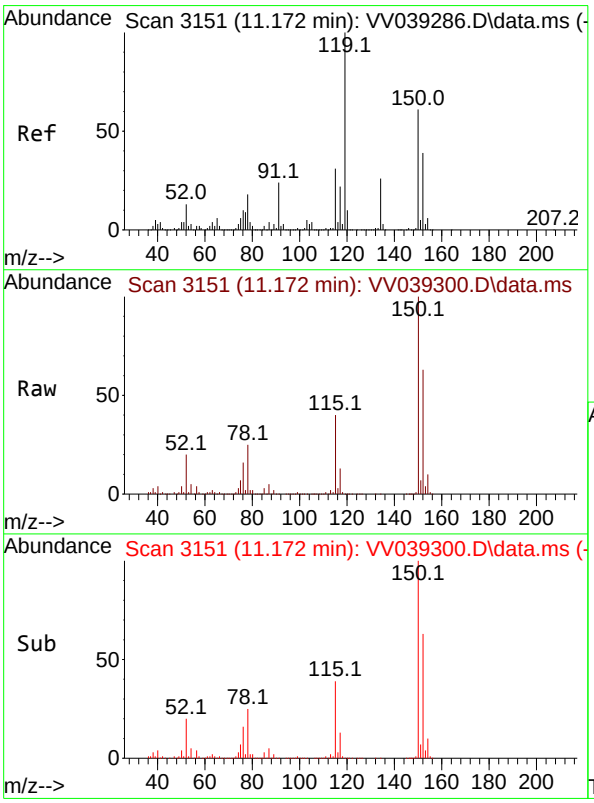
#69
o-Xylene
Concen: 0.533 ug/l
RT: 9.474 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV039300.D
Acq: 21 Oct 2025 13:08

Instrument :
MSVOA_V
ClientSampleId :
4175

Tgt Ion:106 Resp: 11107

Ion	Ratio	Lower	Upper
106	100		
91	224.6	105.8	317.3

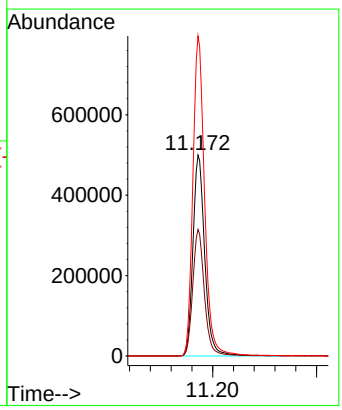


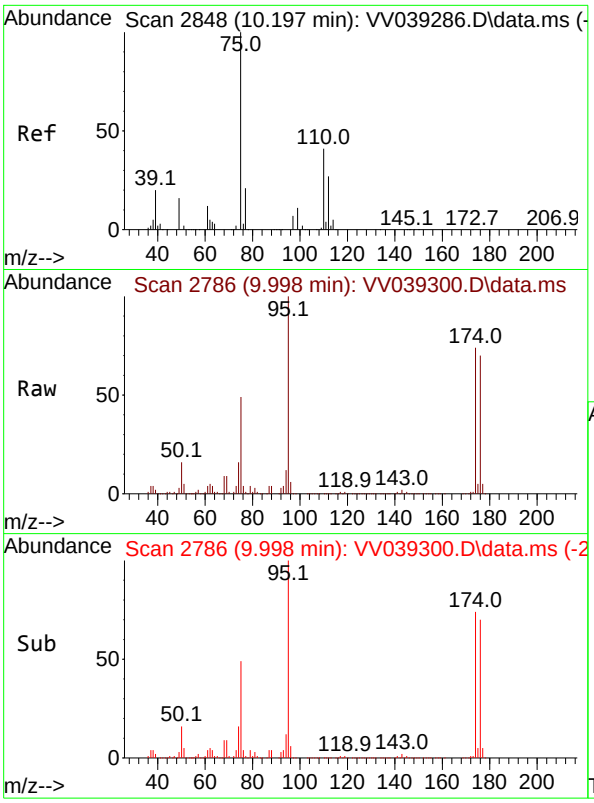


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV039300.D
Acq: 21 Oct 2025 13:08

Tgt Ion:152 Resp: 788736

Ion	Ratio	Lower	Upper
152	100		
115	62.3	42.3	126.8
150	157.6	0.0	348.0



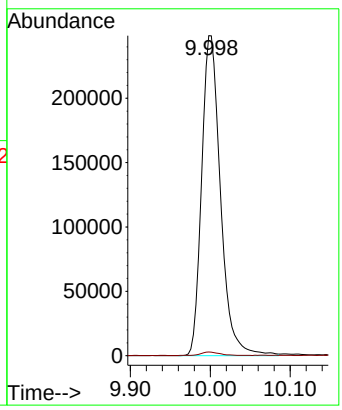


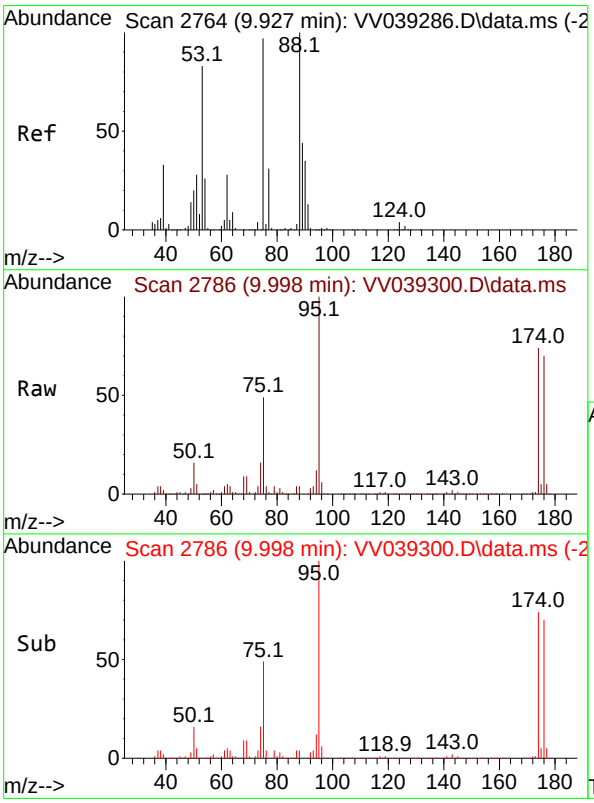
#76
1,2,3-Trichloropropane
Concen: 25.981 ug/l
RT: 9.998 min Scan# 2
Delta R.T. -0.199 min
Lab File: VV039300.D
Acq: 21 Oct 2025 13:08

Instrument :
MSVOA_V
ClientSampleId :
4175

Tgt Ion: 75 Resp: 409002

Ion	Ratio	Lower	Upper
75	100		
77	1.0	12.2	36.4#

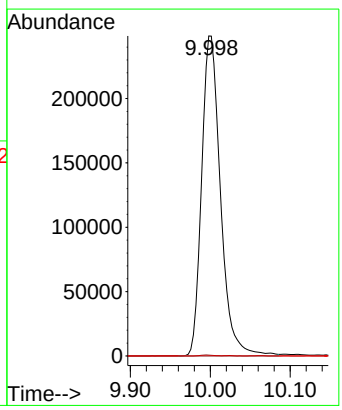


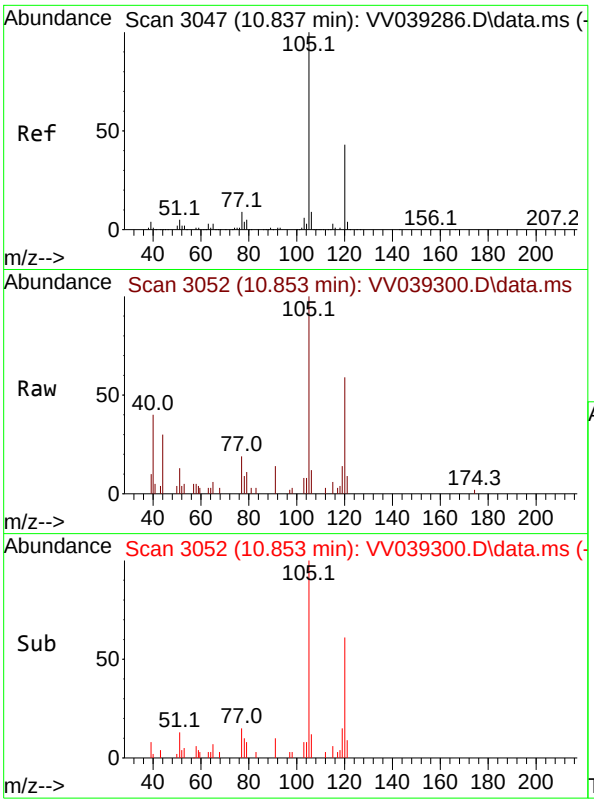


#81
trans-1,4-Dichloro-2-butene
Concen: 65.615 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. 0.071 min
Lab File: VV039300.D
Acq: 21 Oct 2025 13:08

Tgt Ion: 75 Resp: 409002

Ion	Ratio	Lower	Upper
75	100		
53	0.2	69.9	104.9#
89	0.0	37.4	56.0#



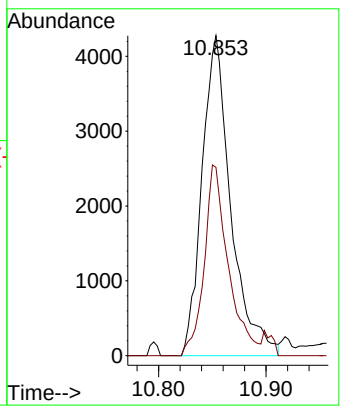


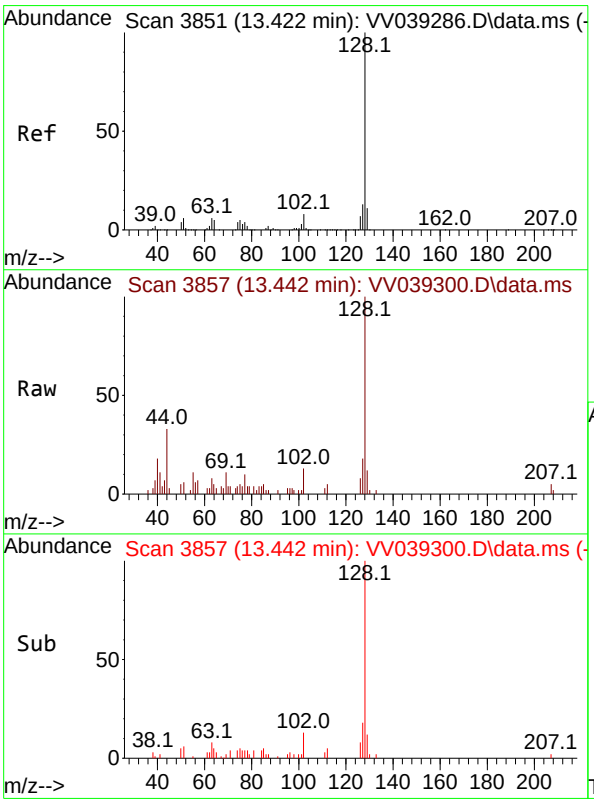
#84
1,2,4-Trimethylbenzene
Concen: 0.201 ug/l
RT: 10.853 min Scan# 3
Delta R.T. 0.016 min
Lab File: VV039300.D
Acq: 21 Oct 2025 13:08

Instrument :
MSVOA_V
ClientSampleId :
4175

Tgt Ion:105 Resp: 7959

Ion	Ratio	Lower	Upper
105	100		
120	49.9	22.8	68.4





#95
Naphthalene
Concen: 0.320 ug/l
RT: 13.442 min Scan# 3857
Delta R.T. 0.019 min
Lab File: VV039300.D
Acq: 21 Oct 2025 13:08

Tgt Ion:128 Resp: 14610

Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.3	15.5
129	10.0	8.6	12.8