Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050225\
Data File : VX046034.D
Acq On : 02 May 2025 17:45
Operator : JC/MD
Sample : Q1935-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MH-NN

Quant Time: May 02 23:20:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	67673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132698	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66528	53.757	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.520%			
35) Dibromofluoromethane	5.379	113	47150	50.080	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.160%			
50) Toluene-d8	8.647	98	167144	50.863	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.720%			
62) 4-Bromofluorobenzene	11.079	95	66236	55.335	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.680%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.977	59	119	0.715	ug/l #	72
13) Acrolein	2.239	56	60	0.262	ug/l #	59
16) Acetone	2.386	43	23186	45.626	ug/l	98
18) Methyl Acetate	2.703	43	2262	1.933	ug/l	97
20) Methylene Chloride	2.782	84	2840	2.985	ug/l #	79
25) 2-Butanone	4.599	43	2112	2.839	ug/l #	83
29) Tetrahydrofuran	5.044	42	288	0.597	ug/l #	46
31) Cyclohexane	5.538	56	1991	1.311	ug/l #	28
36) 1,1-Dichloropropene	5.550	75	6381	5.020	ug/l #	51
38) Carbon Tetrachloride	5.550	117	7805	5.681	ug/l #	16
41) Methacrylonitrile	5.050	41	236	0.279	ug/l #	41
43) Isopropyl Acetate	6.342	43	12541	5.165	ug/l	100
48) Methyl methacrylate	7.799	41	50128	39.986	ug/l #	49
51) 4-Methyl-2-Pentanone	8.549	43	42098	26.155	ug/l #	51
53) t-1,3-Dichloropropene	8.952	75	285	2.480	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	15863	11.367	ug/l #	69
57) 1,3-Dichloropropane	9.482	76	1676	1.028	ug/l #	42
59) 2-Hexanone	9.378	43	10121	8.491	ug/l #	28
74) N-amyl acetate	10.781	43	1595	0.760	ug/l #	47
76) 1,2,3-Trichloropropane	11.079	75	37843	28.326	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	37843	96.136	ug/l #	1
95) Naphthalene	13.780	128	4068	1.071	ug/l	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050225\
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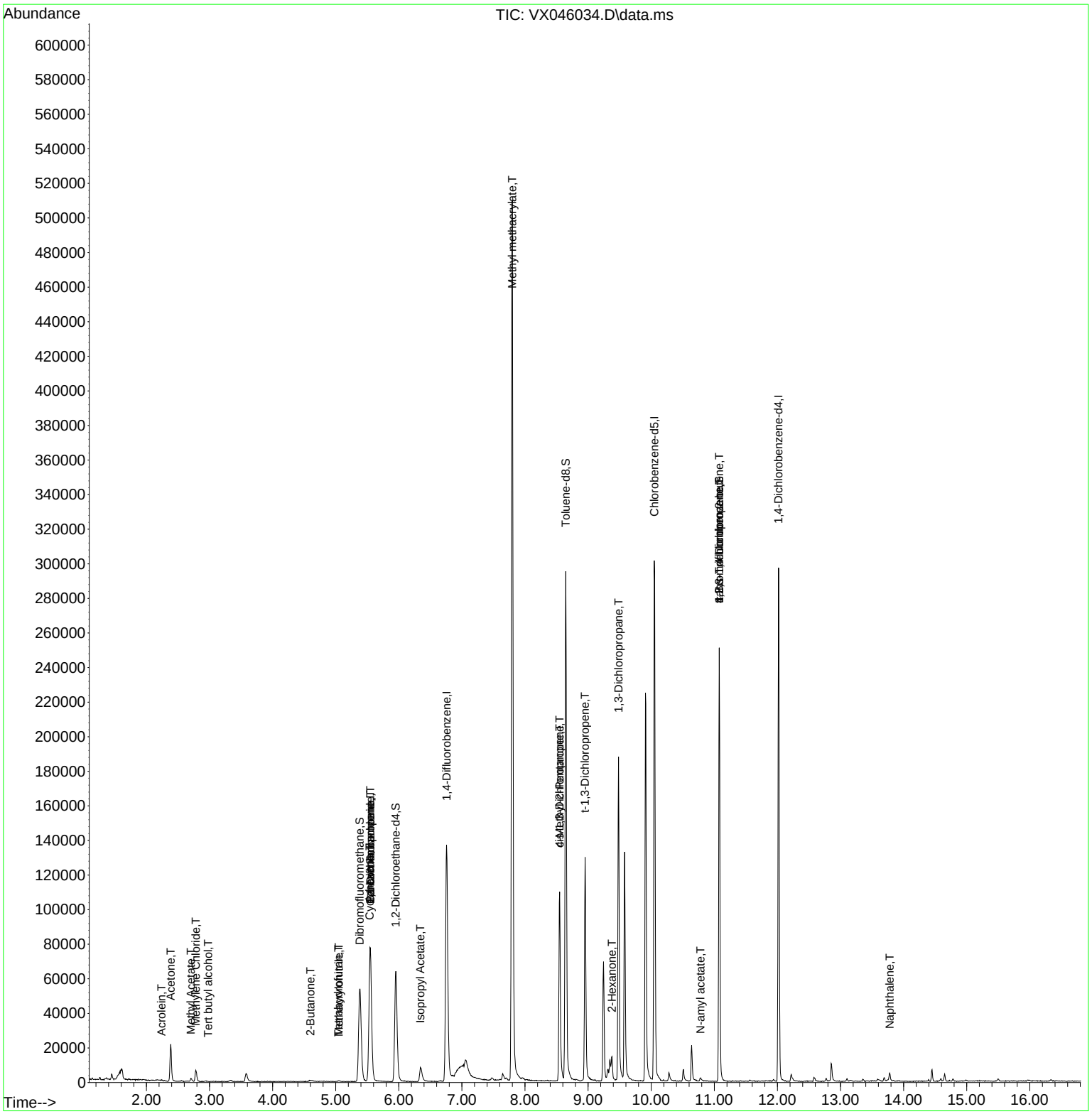
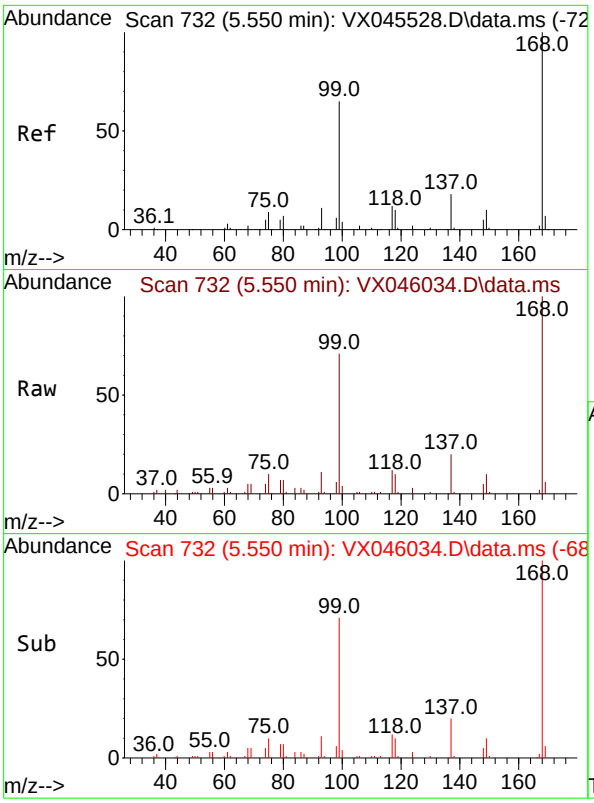
Quant Time: May 02 23:20:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



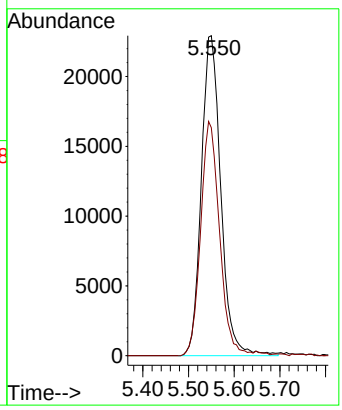


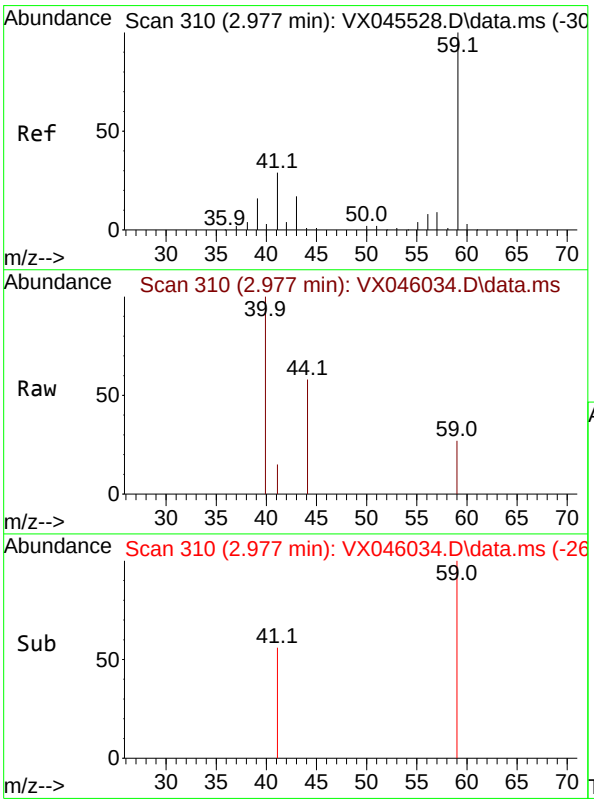
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046034.D
Acq: 02 May 2025 17:45

Instrument :
MSVOA_X
ClientSampleId :
MH-NN

Tgt Ion:168 Resp: 67673

Ion	Ratio	Lower	Upper
168	100		
99	71.2	52.3	78.5

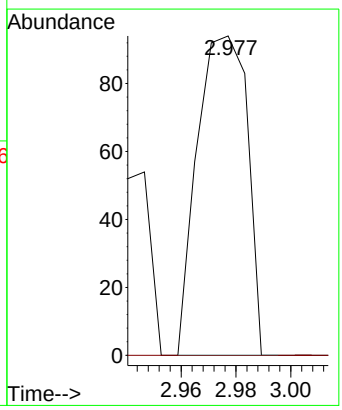


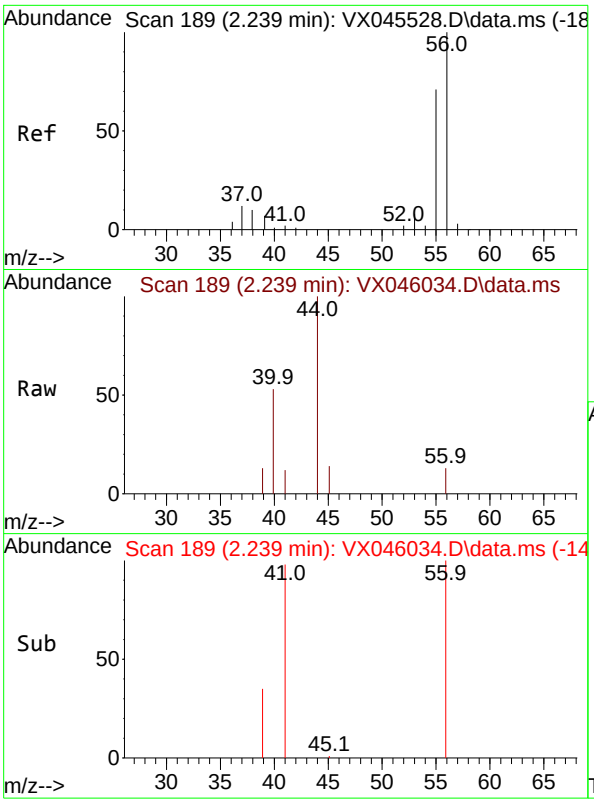


#11
Tert butyl alcohol
Concen: 0.715 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX046034.D
Acq: 02 May 2025 17:45

Tgt Ion: 59 Resp: 119

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#



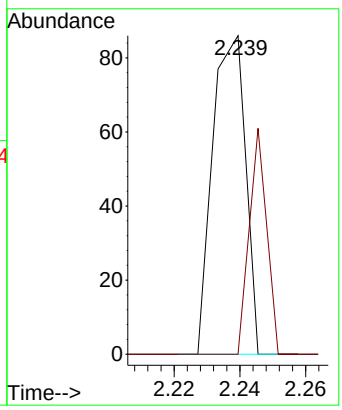


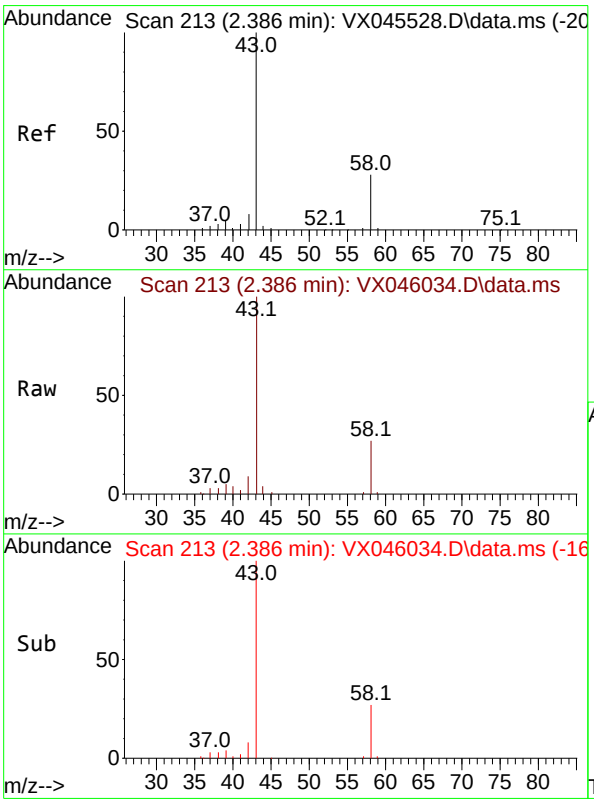
#13
Acrolein
Concen: 0.262 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046034.D
Acq: 02 May 2025 17:45

Instrument :
MSVOA_X
ClientSampleId :
MH-NN

Tgt Ion: 56 Resp: 60

Ion	Ratio	Lower	Upper
56	100		
55	36.7	56.2	84.2#

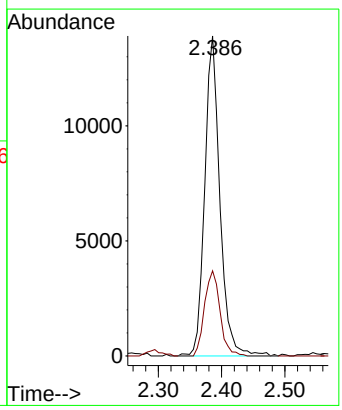


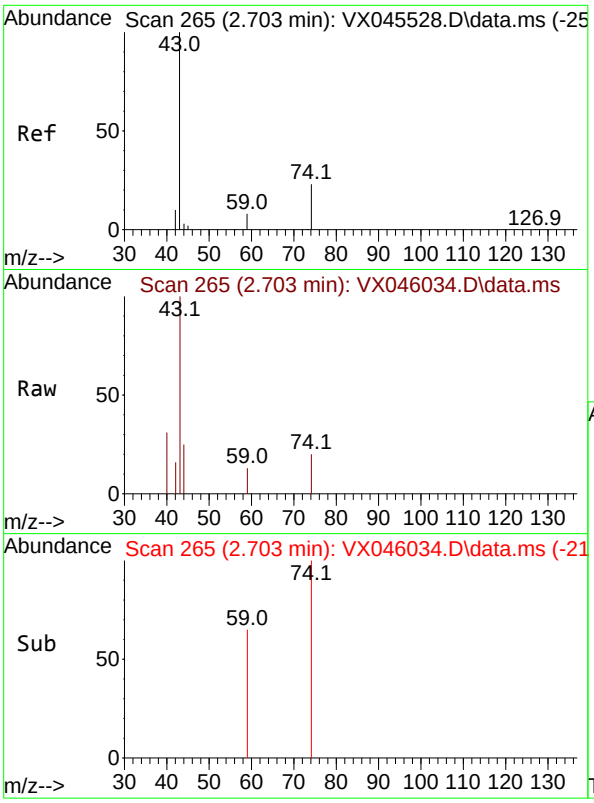


#16
Acetone
Concen: 45.626 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046034.D
Acq: 02 May 2025 17:45

Tgt Ion: 43 Resp: 23186

Ion	Ratio	Lower	Upper
43	100		
58	26.6	22.3	33.5



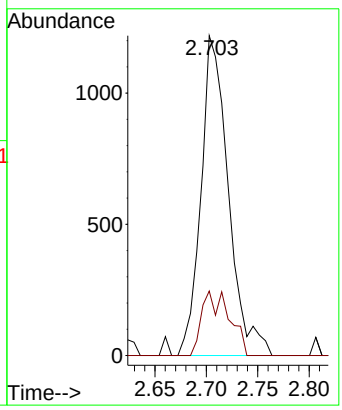


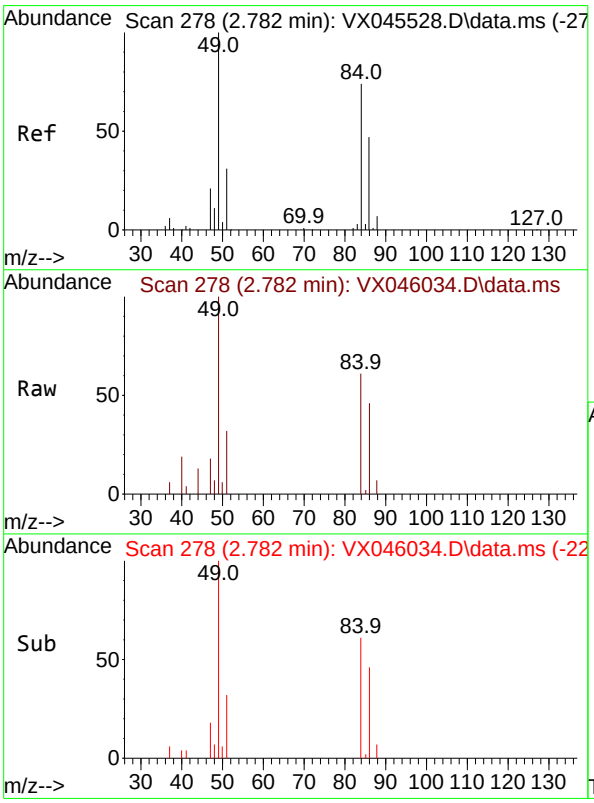
#18
Methyl Acetate
Concen: 1.933 ug/l
RT: 2.703 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046034.D
Acq: 02 May 2025 17:45

Instrument :
MSVOA_X
ClientSampleId :
MH-NN

Tgt Ion: 43 Resp: 2262

Ion	Ratio	Lower	Upper
43	100		
74	20.3	17.5	26.3

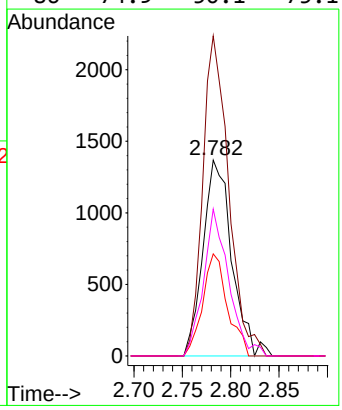


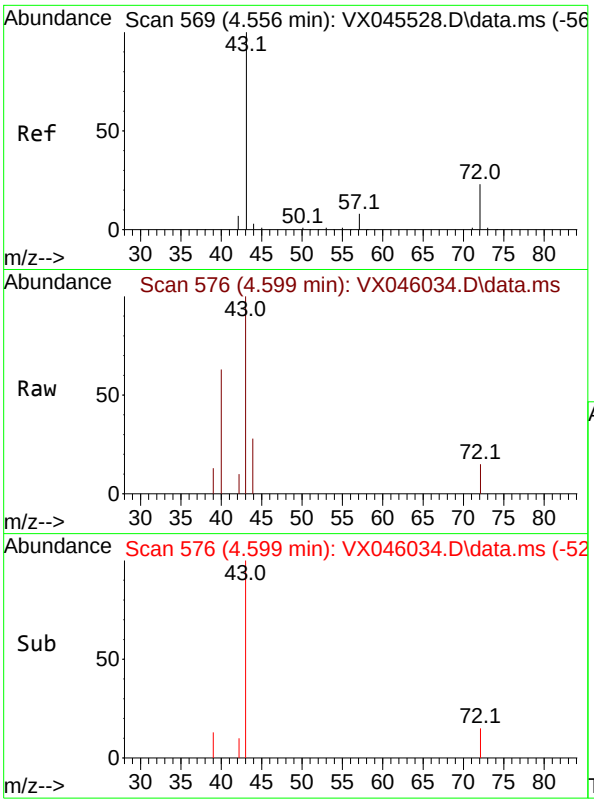


#20
Methylene Chloride
Concen: 2.985 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046034.D
Acq: 02 May 2025 17:45

Tgt Ion: 84 Resp: 2840

Ion	Ratio	Lower	Upper
84	100		
49	163.3	107.5	161.3#
51	52.1	33.0	49.6#
86	74.9	50.1	75.1



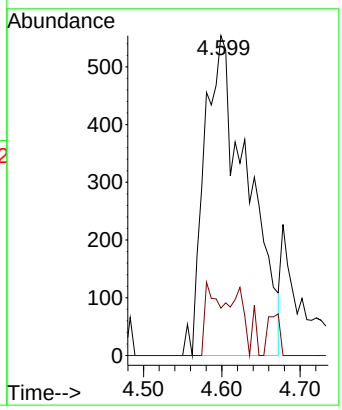


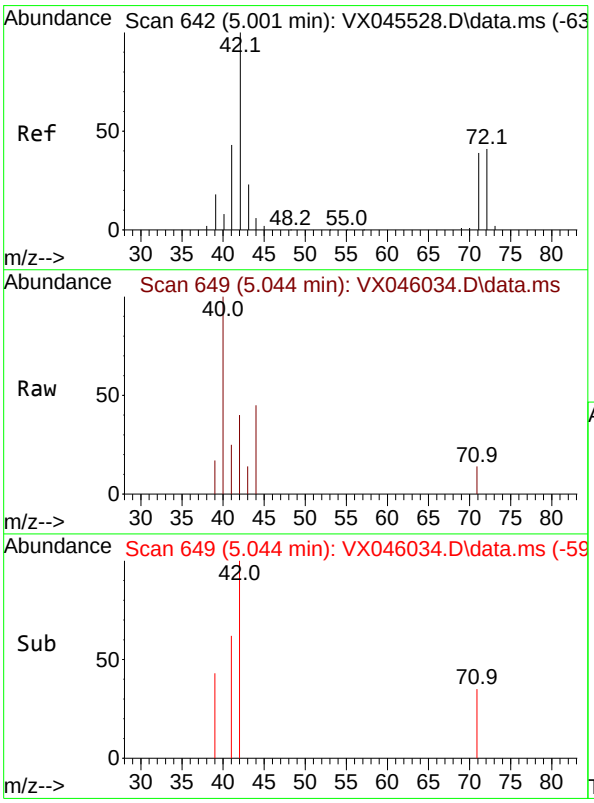
#25
2-Butanone
Concen: 2.839 ug/l
RT: 4.599 min Scan# 5
Delta R.T. 0.043 min
Lab File: VX046034.D
Acq: 02 May 2025 17:45

Instrument :
MSVOA_X
ClientSampleId :
MH-NN

Tgt Ion: 43 Resp: 2112

Ion	Ratio	Lower	Upper
43	100		
72	14.8	18.6	28.0#

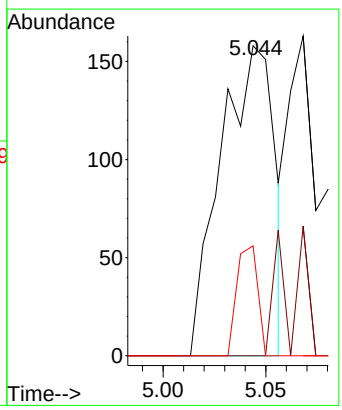


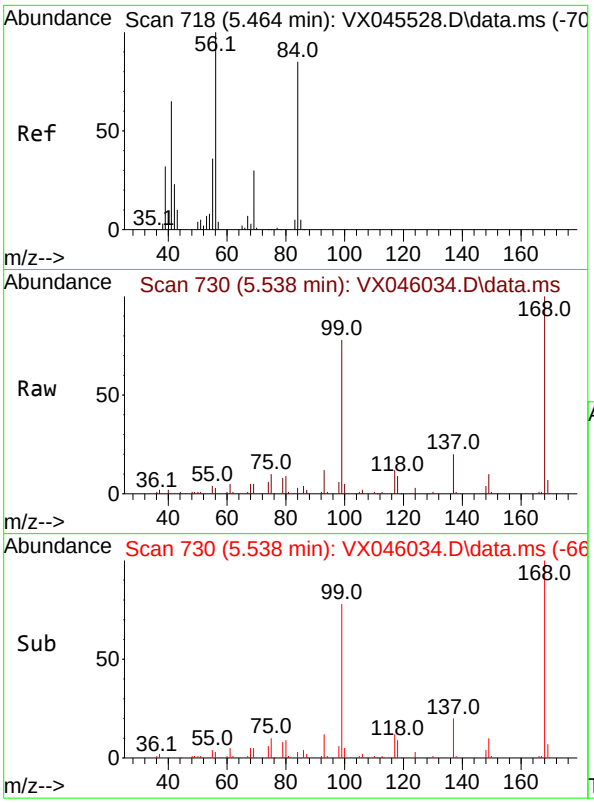


#29
Tetrahydrofuran
Concen: 0.597 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.043 min
Lab File: VX046034.D
Acq: 02 May 2025 17:45

Tgt Ion: 42 Resp: 288

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.4	50.0#
71	13.9	31.4	47.0#



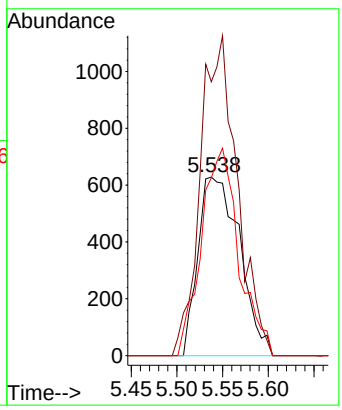


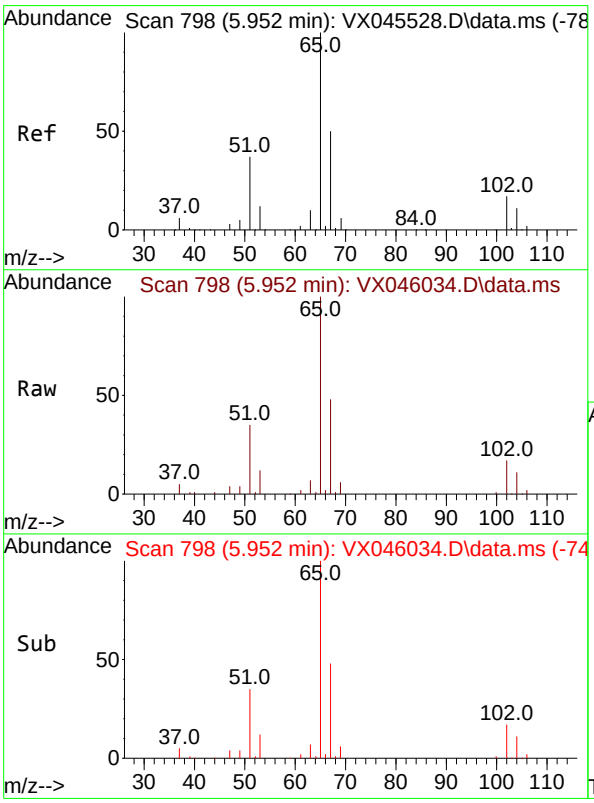
#31
Cyclohexane
Concen: 1.311 ug/l
RT: 5.538 min Scan# 7
Delta R.T. 0.073 min
Lab File: VX046034.D
Acq: 02 May 2025 17:45

Instrument :
MSVOA_X
ClientSampleId :
MH-NN

Tgt Ion: 56 Resp: 1991

Ion	Ratio	Lower	Upper
56	100		
69	153.5	23.6	35.4#
84	99.7	67.7	101.5

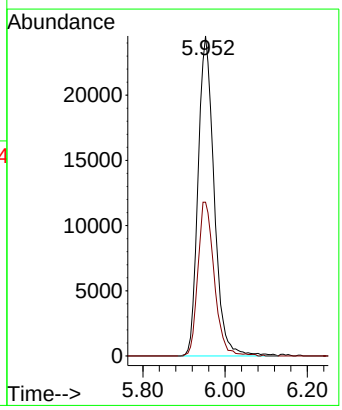


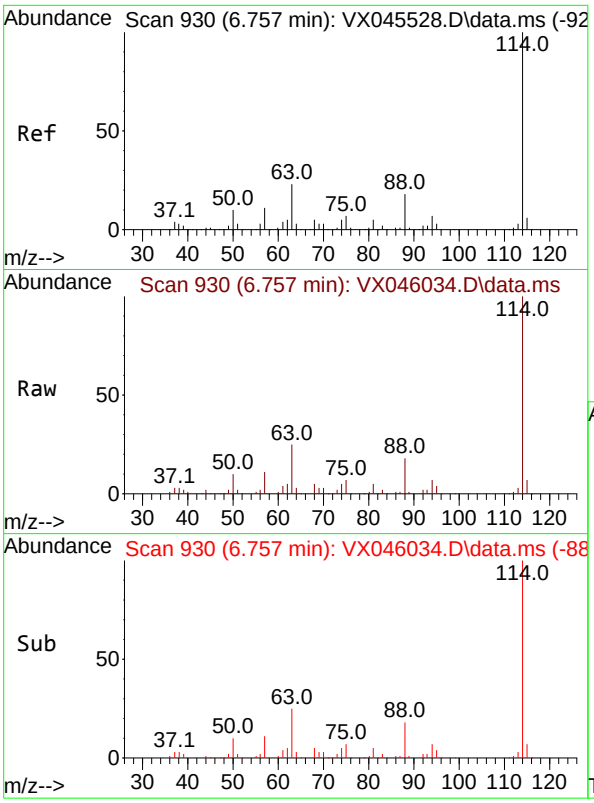


#33
1,2-Dichloroethane-d4
Concen: 53.757 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX046034.D
Acq: 02 May 2025 17:45

Tgt Ion: 65 Resp: 66528

Ion	Ratio	Lower	Upper
65	100		
67	48.9	0.0	99.0



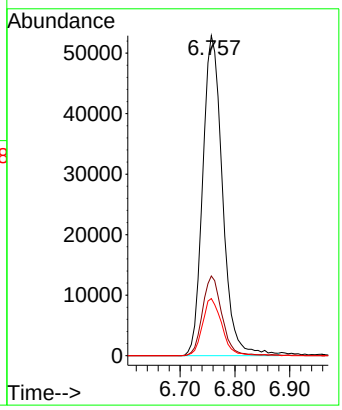


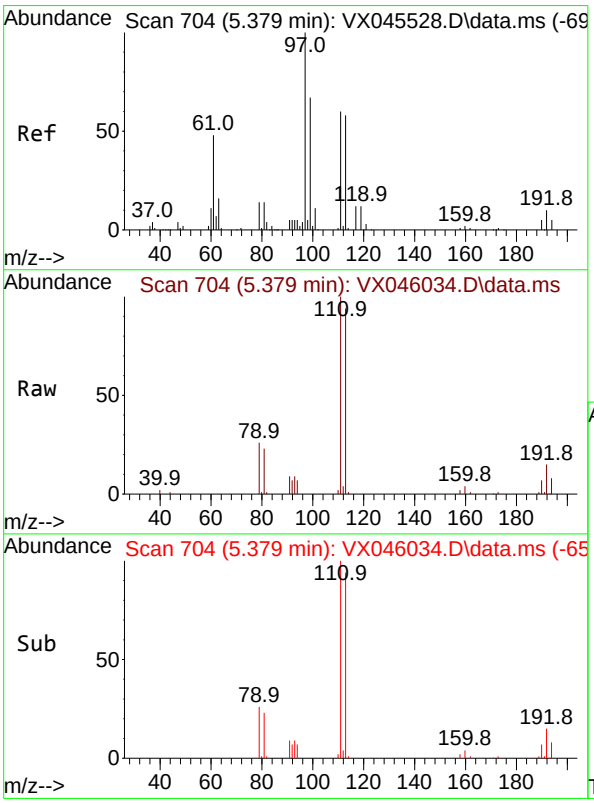
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046034.D
Acq: 02 May 2025 17:45

Instrument :
MSVOA_X
ClientSampleId :
MH-NN

Tgt Ion:114 Resp: 132698

Ion	Ratio	Lower	Upper
114	100		
63	24.9	0.0	46.8
88	17.9	0.0	35.4

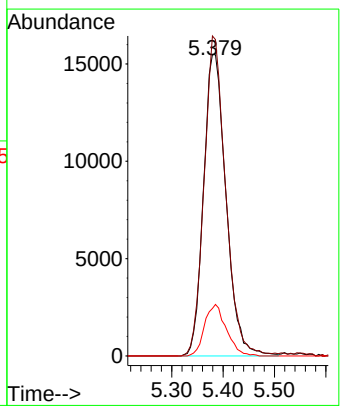


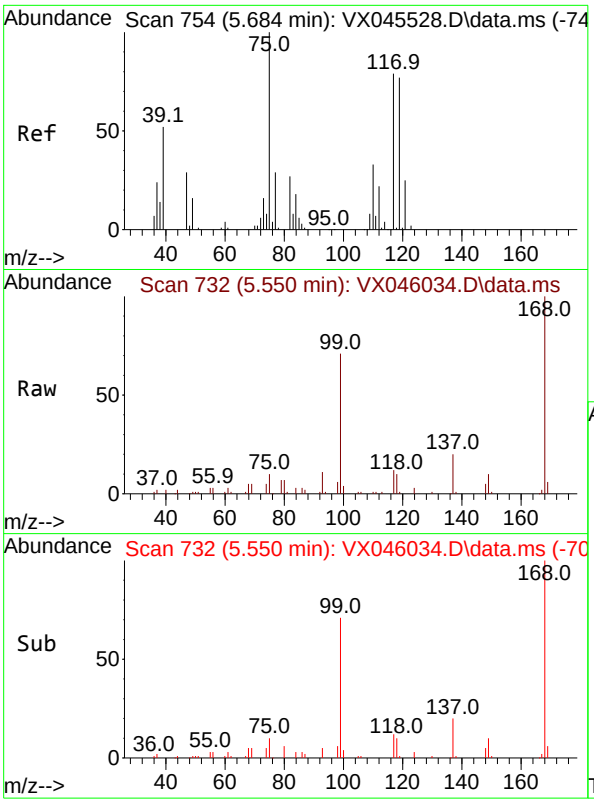


#35
Dibromofluoromethane
Concen: 50.080 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046034.D
Acq: 02 May 2025 17:45

Tgt Ion:113 Resp: 47150

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.8	122.6
192	16.5	13.8	20.6



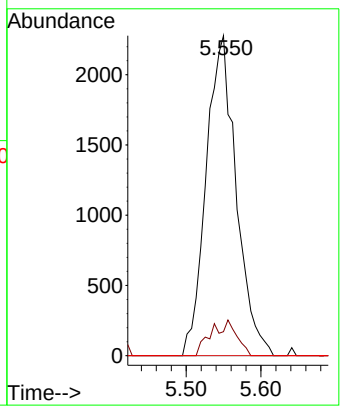


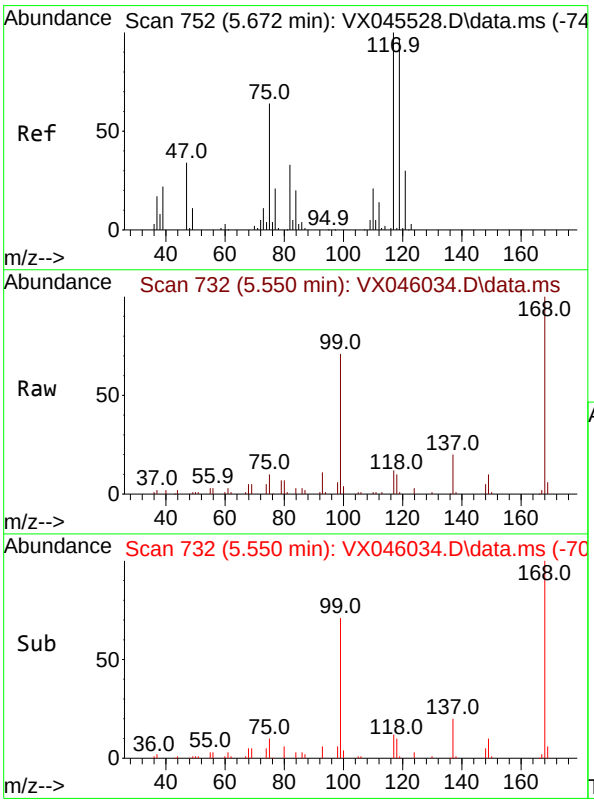
#36
1,1-Dichloropropene
Concen: 5.020 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.134 min
Lab File: VX046034.D
Acq: 02 May 2025 17:45

Instrument :
MSVOA_X
ClientSampleId :
MH-NN

Tgt Ion: 75 Resp: 6381

Ion	Ratio	Lower	Upper
75	100		
110	9.4	16.9	50.6#
77	0.0	25.0	37.4#

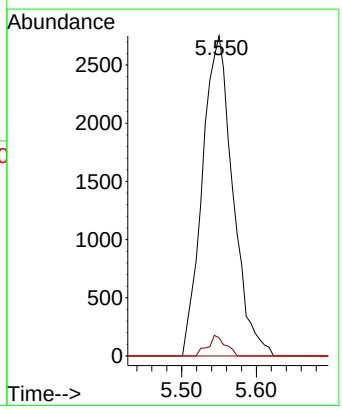


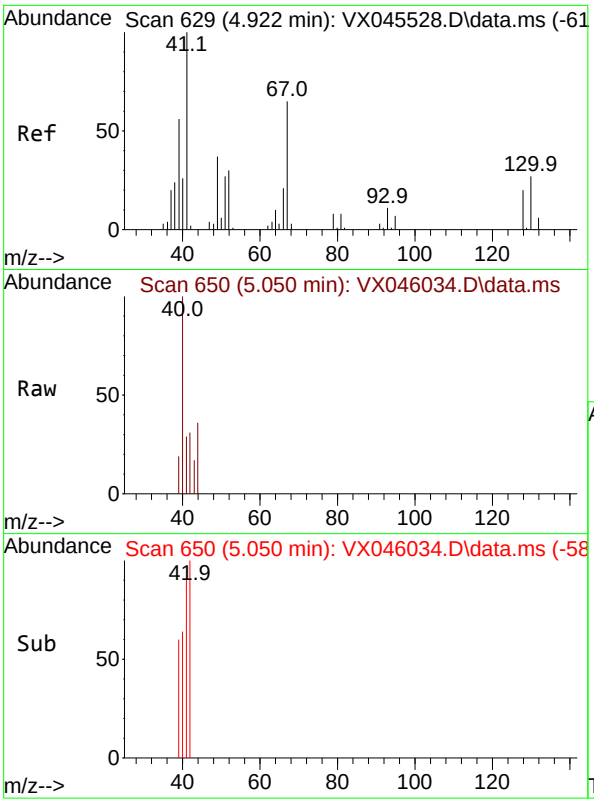


#38
Carbon Tetrachloride
Concen: 5.681 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX046034.D
Acq: 02 May 2025 17:45

Tgt Ion:117 Resp: 7805

Ion	Ratio	Lower	Upper
117	100		
119	5.7	76.9	115.3#
121	0.0	24.2	36.2#



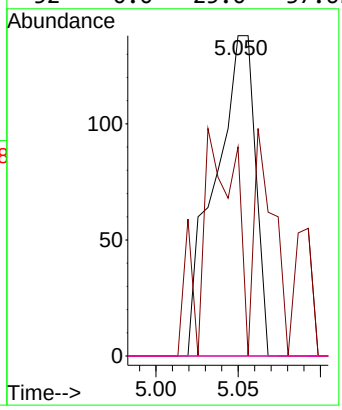


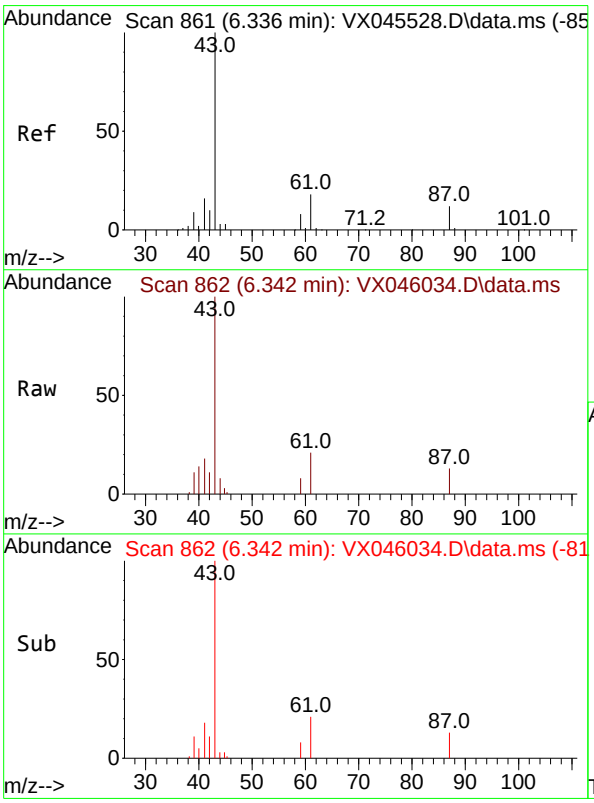
#41
Methacrylonitrile
Concen: 0.279 ug/l
RT: 5.050 min Scan# 6
Delta R.T. 0.128 min
Lab File: VX046034.D
Acq: 02 May 2025 17:45

Instrument :
MSVOA_X
ClientSampleId :
MH-NN

Tgt Ion: 41 Resp: 236

Ion	Ratio	Lower	Upper
41	100		
39	33.9	47.0	70.6#
67	0.0	53.2	79.8#
52	0.0	25.0	37.6#

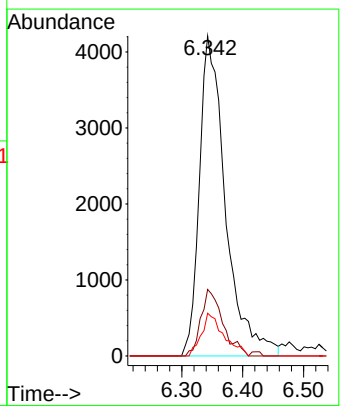


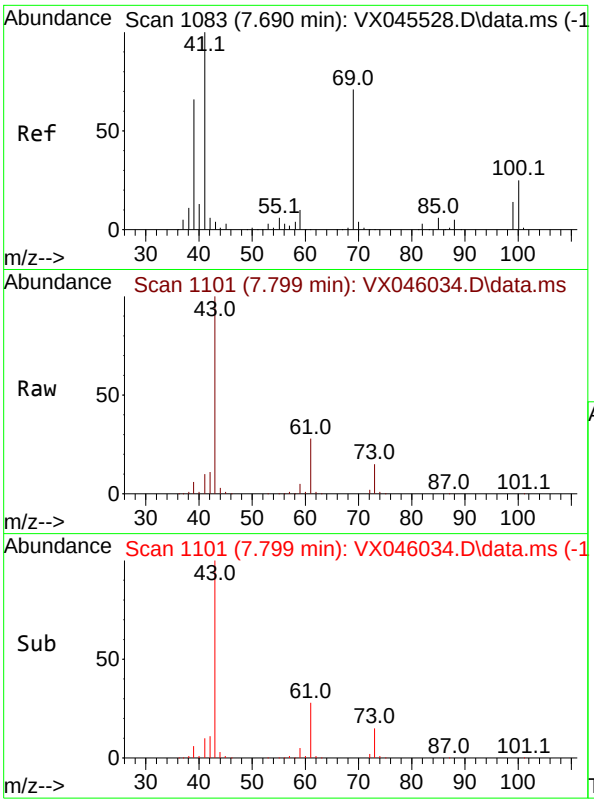


#43
Isopropyl Acetate
Concen: 5.165 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX046034.D
Acq: 02 May 2025 17:45

Tgt Ion: 43 Resp: 12541

Ion	Ratio	Lower	Upper
43	100		
61	17.4	14.1	21.1
87	11.4	9.2	13.8



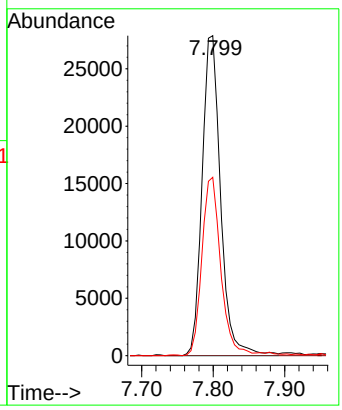


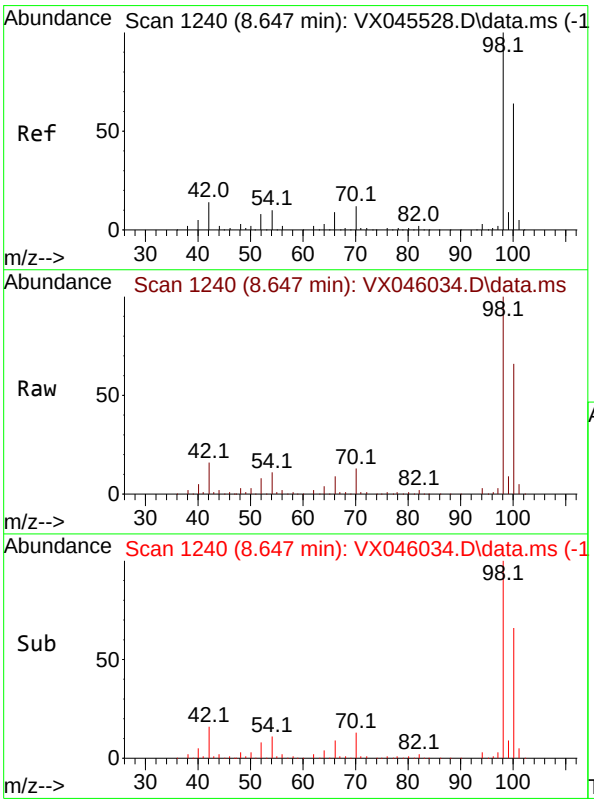
#48
Methyl methacrylate
Concen: 39.986 ug/l
RT: 7.799 min Scan# 11
Delta R.T. 0.110 min
Lab File: VX046034.D
Acq: 02 May 2025 17:45

Instrument :
MSVOA_X
ClientSampleId :
MH-NN

Tgt Ion: 41 Resp: 50128

Ion	Ratio	Lower	Upper
41	100		
69	0.0	58.2	87.2#
39	56.7	53.6	80.4

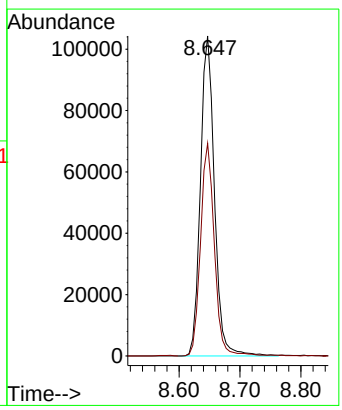


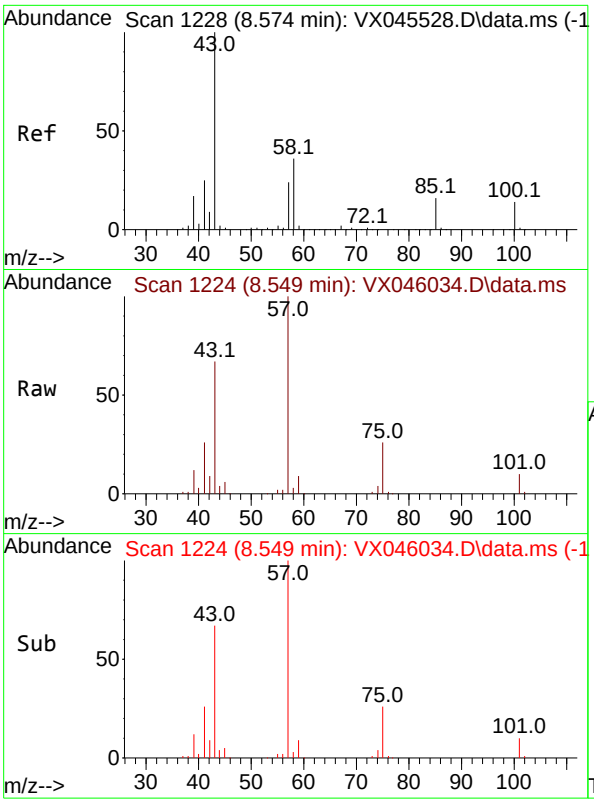


#50
Toluene-d8
Concen: 50.863 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046034.D
Acq: 02 May 2025 17:45

Tgt Ion: 98 Resp: 167144

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.2	78.4



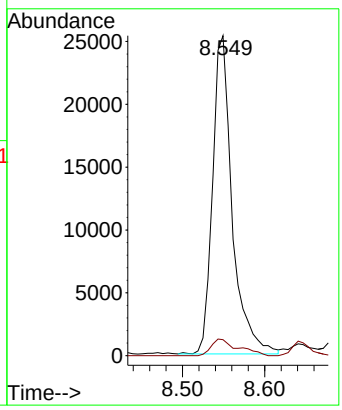


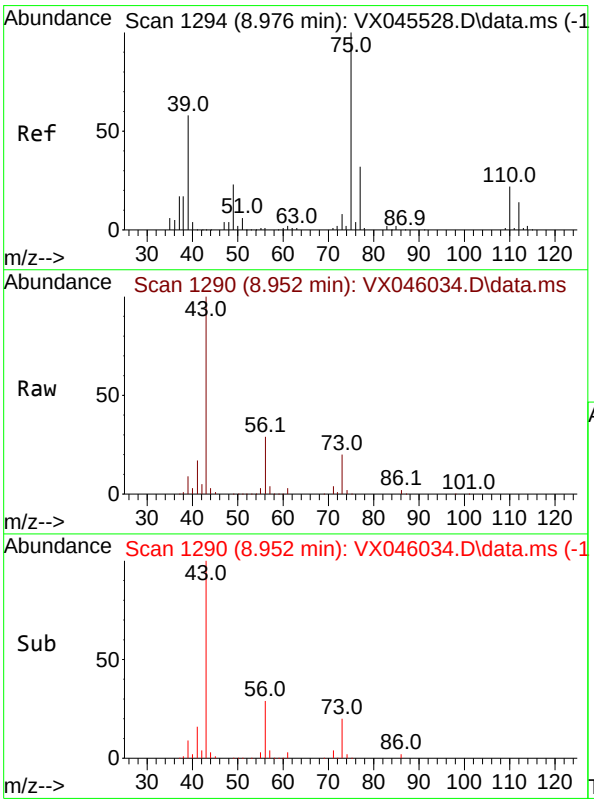
#51
4-Methyl-2-Pentanone
Concen: 26.155 ug/l
RT: 8.549 min Scan# 1
Delta R.T. -0.024 min
Lab File: VX046034.D
Acq: 02 May 2025 17:45

Instrument :
MSVOA_X
ClientSampleId :
MH-NN

Tgt Ion: 43 Resp: 42098

Ion	Ratio	Lower	Upper
43	100		
58	7.1	28.5	42.7#

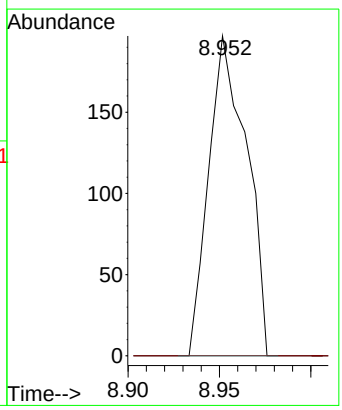


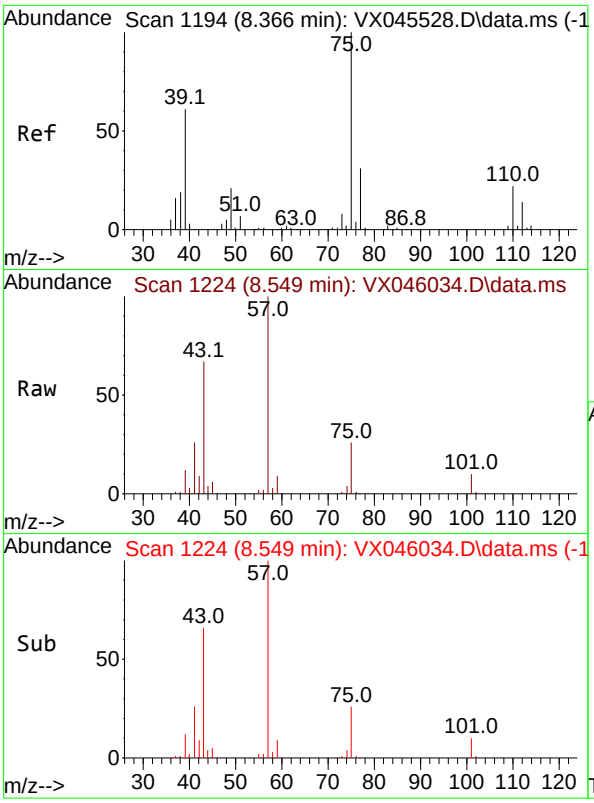


#53
t-1,3-Dichloropropene
Concen: 2.480 ug/l
RT: 8.952 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX046034.D
Acq: 02 May 2025 17:45

Tgt Ion: 75 Resp: 285

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#



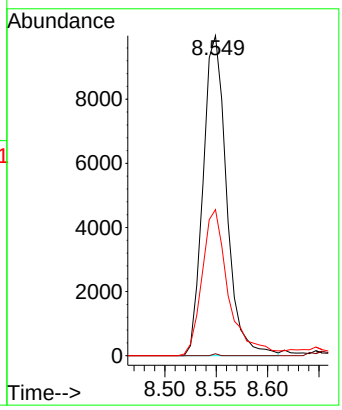


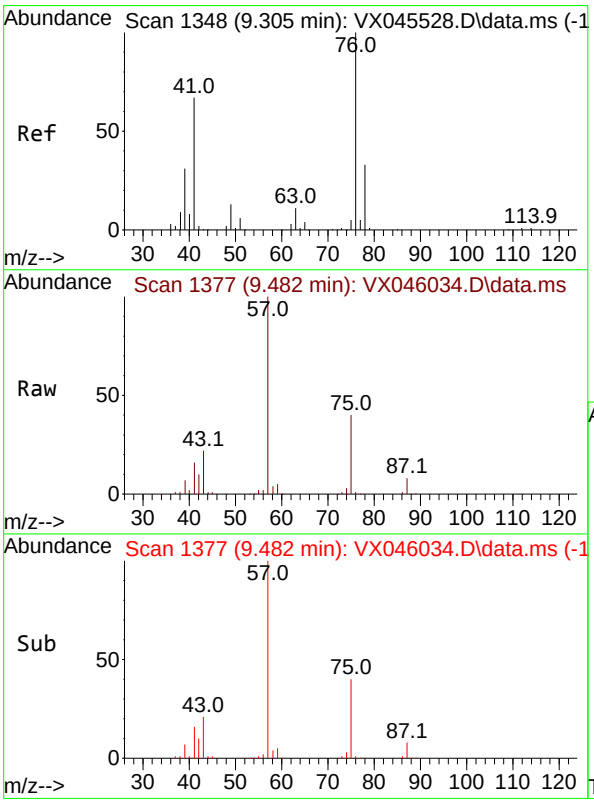
#54
cis-1,3-Dichloropropene
Concen: 11.367 ug/l
RT: 8.549 min Scan# 1
Delta R.T. 0.183 min
Lab File: VX046034.D
Acq: 02 May 2025 17:45

Instrument :
MSVOA_X
ClientSampleId :
MH-NN

Tgt Ion: 75 Resp: 15863

Ion	Ratio	Lower	Upper
75	100		
77	0.6	24.6	36.8#
39	45.6	48.4	72.6#

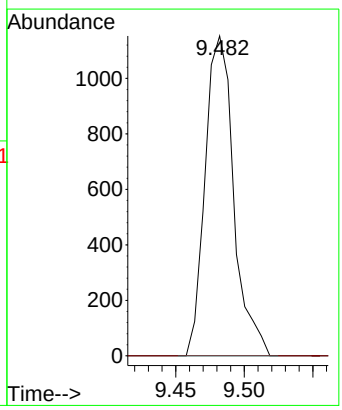


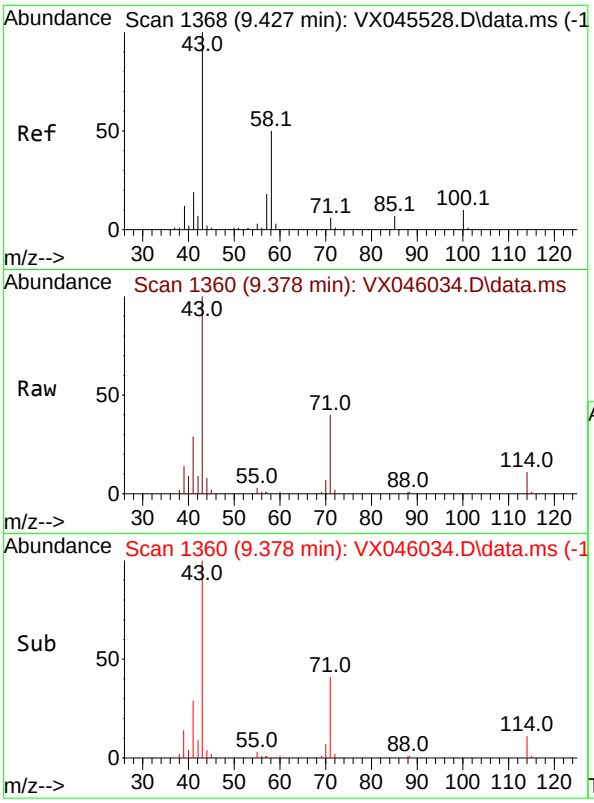


#57
1,3-Dichloropropane
Concen: 1.028 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX046034.D
Acq: 02 May 2025 17:45

Tgt Ion: 76 Resp: 1676

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.0	39.0#



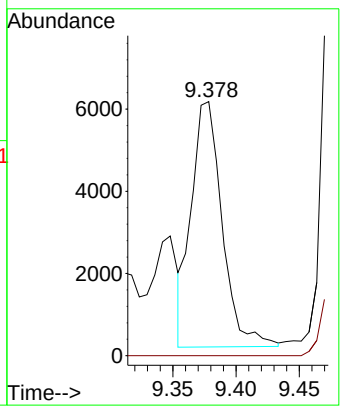


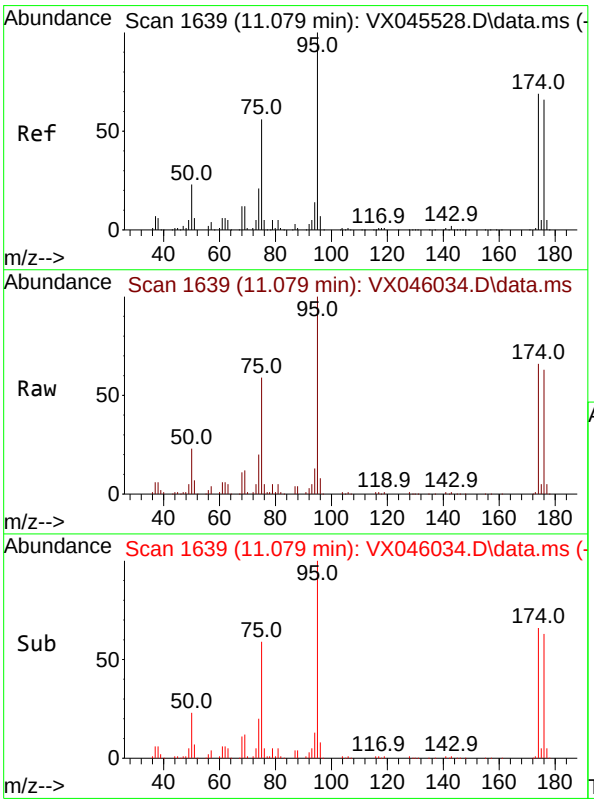
#59
2-Hexanone
Concen: 8.491 ug/l
RT: 9.378 min Scan# 1
Delta R.T. -0.049 min
Lab File: VX046034.D
Acq: 02 May 2025 17:45

Instrument :
MSVOA_X
ClientSampleId :
MH-NN

Tgt Ion: 43 Resp: 10121

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.9	74.6#

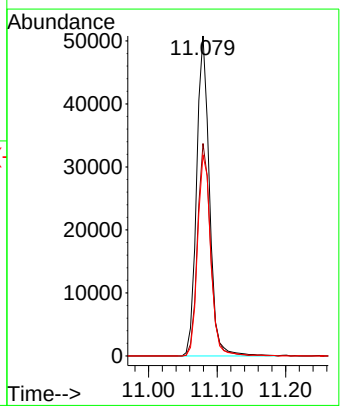


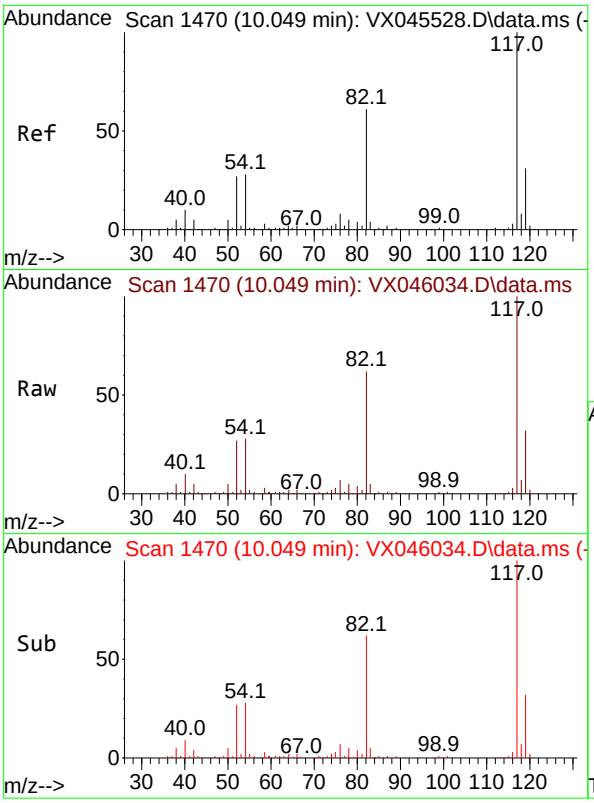


#62
4-Bromofluorobenzene
Concen: 55.335 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046034.D
Acq: 02 May 2025 17:45

Tgt Ion: 95 Resp: 66236

Ion	Ratio	Lower	Upper
95	100		
174	67.1	0.0	135.8
176	64.3	0.0	131.4



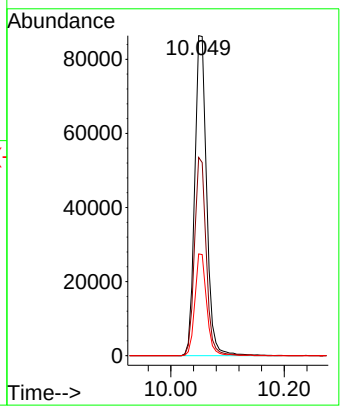


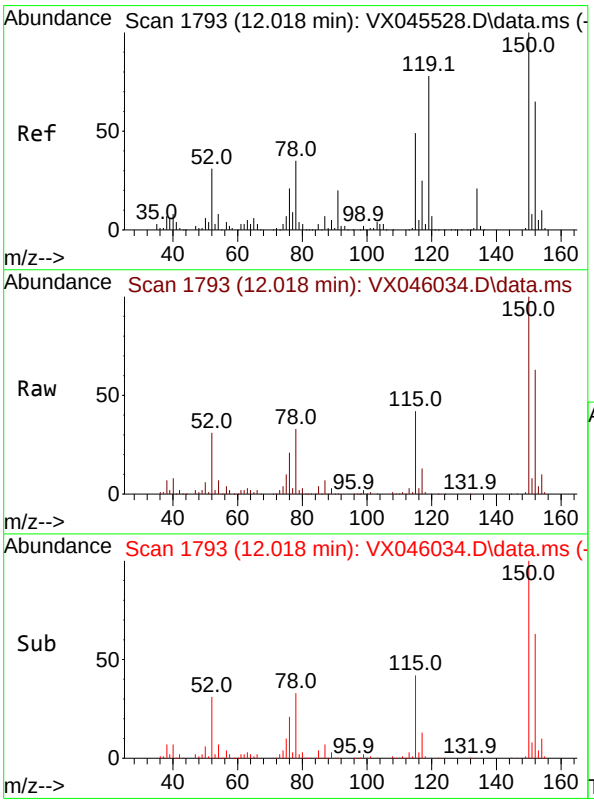
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046034.D
Acq: 02 May 2025 17:45

Instrument :
MSVOA_X
ClientSampleId :
MH-NN

Tgt Ion:117 Resp: 125856

Ion	Ratio	Lower	Upper
117	100		
82	61.9	49.2	73.8
119	31.8	25.1	37.7

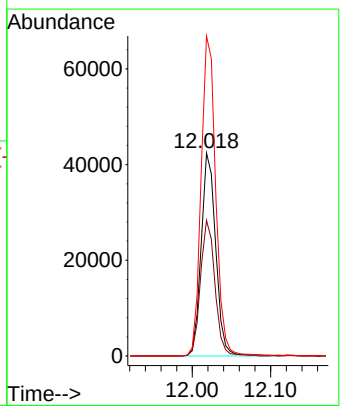


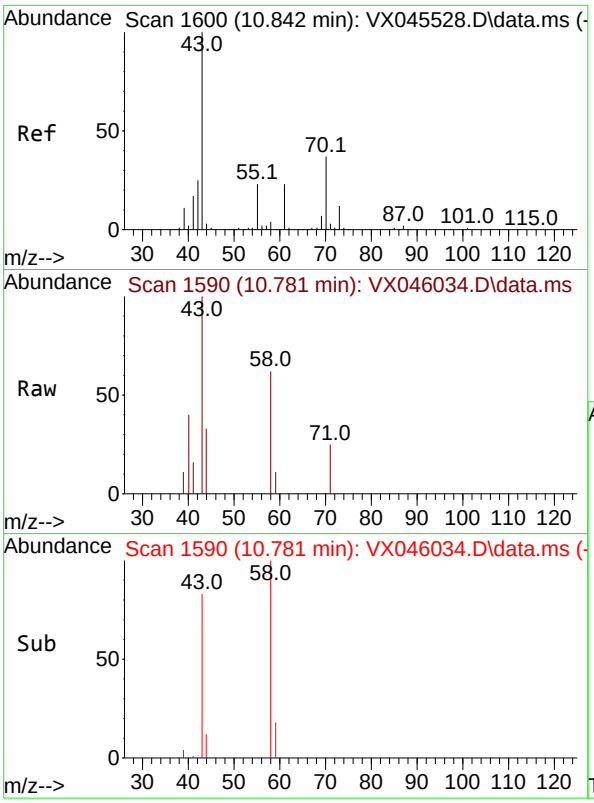


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046034.D
Acq: 02 May 2025 17:45

Tgt Ion:152 Resp: 54770

Ion	Ratio	Lower	Upper
152	100		
115	66.4	46.9	140.7
150	158.0	0.0	349.4



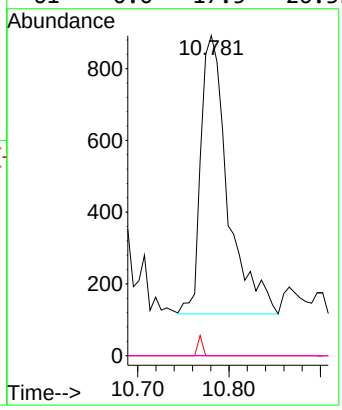


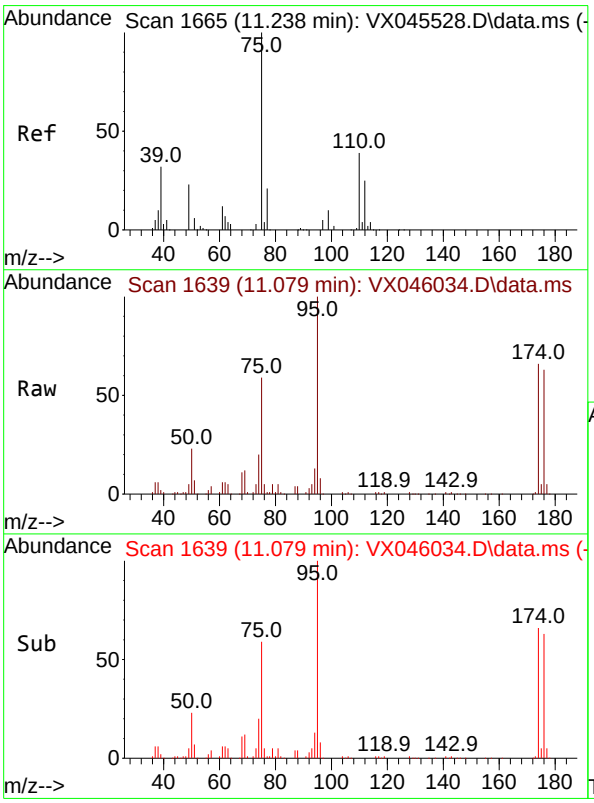
#74
N-amyl acetate
Concen: 0.760 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.061 min
Lab File: VX046034.D
Acq: 02 May 2025 17:45

Instrument :
MSVOA_X
ClientSampleId :
MH-NN

Tgt Ion: 43 Resp: 1595

Ion	Ratio	Lower	Upper
43	100		
70	0.0	30.1	45.1#
55	1.3	18.3	27.5#
61	0.0	17.5	26.3#

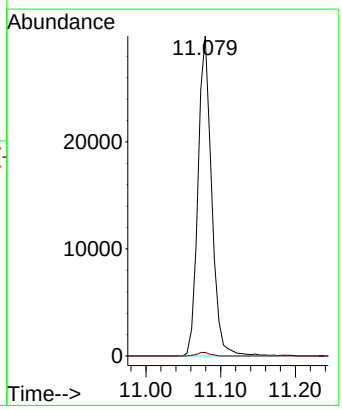


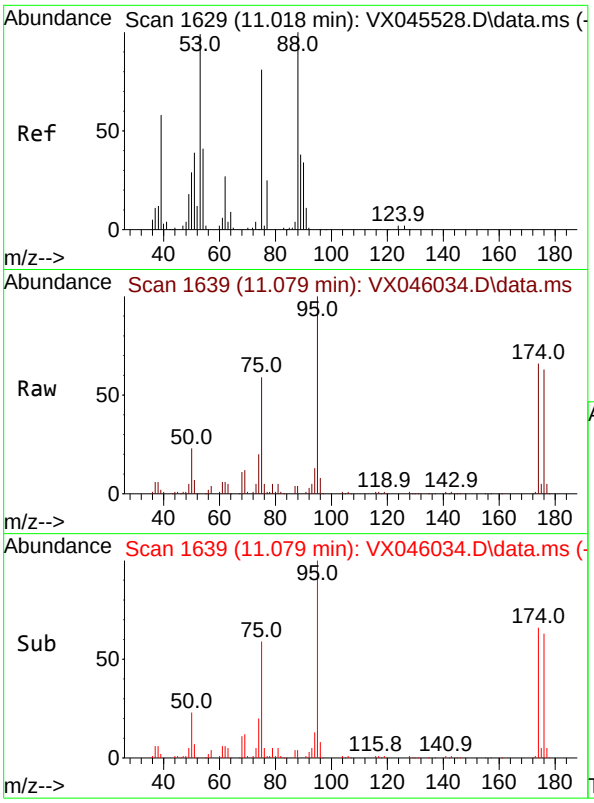


#76
1,2,3-Trichloropropane
Concen: 28.326 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX046034.D
Acq: 02 May 2025 17:45

Tgt Ion: 75 Resp: 37843

Ion	Ratio	Lower	Upper
75	100		
77	1.1	20.0	59.9#



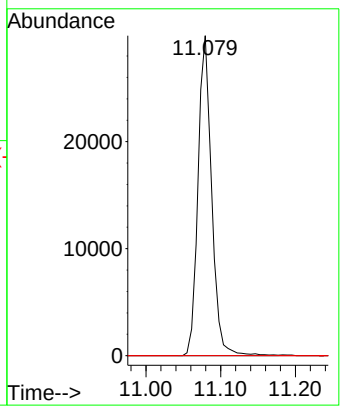


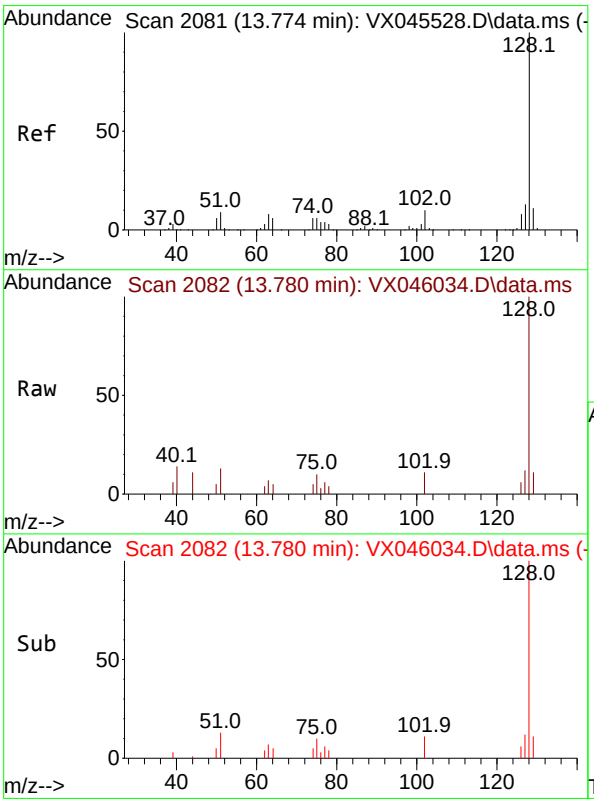
#81
trans-1,4-Dichloro-2-butene
Concen: 96.136 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX046034.D
Acq: 02 May 2025 17:45

Instrument :
MSVOA_X
ClientSampleId :
MH-NN

Tgt Ion: 75 Resp: 37843

Ion	Ratio	Lower	Upper
75	100		
53	0.0	101.8	152.6#
89	0.0	37.2	55.8#





#95
Naphthalene
Concen: 1.071 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX046034.D
Acq: 02 May 2025 17:45

Tgt Ion:128 Resp: 4068

Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.3	15.5
129	10.6	8.6	12.8