Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050225\
Data File : VX046035.D
Acq On : 02 May 2025 18:09
Operator : JC/MD
Sample : Q1935-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MH-MM

Quant Time: May 02 23:20:53 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	59965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	120378	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	111898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	45137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60131	54.834	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.660%			
35) Dibromofluoromethane	5.385	113	42872	50.197	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.400%			
50) Toluene-d8	8.647	98	151283	50.748	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.500%			
62) 4-Bromofluorobenzene	11.079	95	56564	52.091	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.180%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.971	59	235	1.595	ug/l #	72
14) Allyl chloride	2.642	41	292	0.214	ug/l #	41
16) Acetone	2.386	43	24331	54.033	ug/l	98
18) Methyl Acetate	2.709	43	2302	2.220	ug/l	94
20) Methylene Chloride	2.782	84	2662	3.158	ug/l #	89
25) 2-Butanone	4.593	43	2012	3.052	ug/l #	79
29) Tetrahydrofuran	5.038	42	531	1.243	ug/l #	43
31) Cyclohexane	5.550	56	1760	1.308	ug/l #	20
36) 1,1-Dichloropropene	5.544	75	5698	4.941	ug/l #	53
38) Carbon Tetrachloride	5.550	117	7170	5.753	ug/l #	15
41) Methacrylonitrile	5.044	41	249	0.325	ug/l #	42
43) Isopropyl Acetate	6.348	43	12377	5.619	ug/l #	93
48) Methyl methacrylate	7.793	41	48289	42.462	ug/l #	48
51) 4-Methyl-2-Pentanone	8.549	43	40277	27.584	ug/l #	51
53) t-1,3-Dichloropropene	8.952	75	259	2.480	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	15935	12.587	ug/l #	62
57) 1,3-Dichloropropane	9.482	76	1581	1.069	ug/l #	42
59) 2-Hexanone	9.372	43	12966	11.991	ug/l #	28
74) N-amyl acetate	10.781	43	1365	0.789	ug/l #	48
76) 1,2,3-Trichloropropane	11.079	75	32436	29.461	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	32436	99.985	ug/l #	1
95) Naphthalene	13.780	128	4412	1.409	ug/l	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050225\
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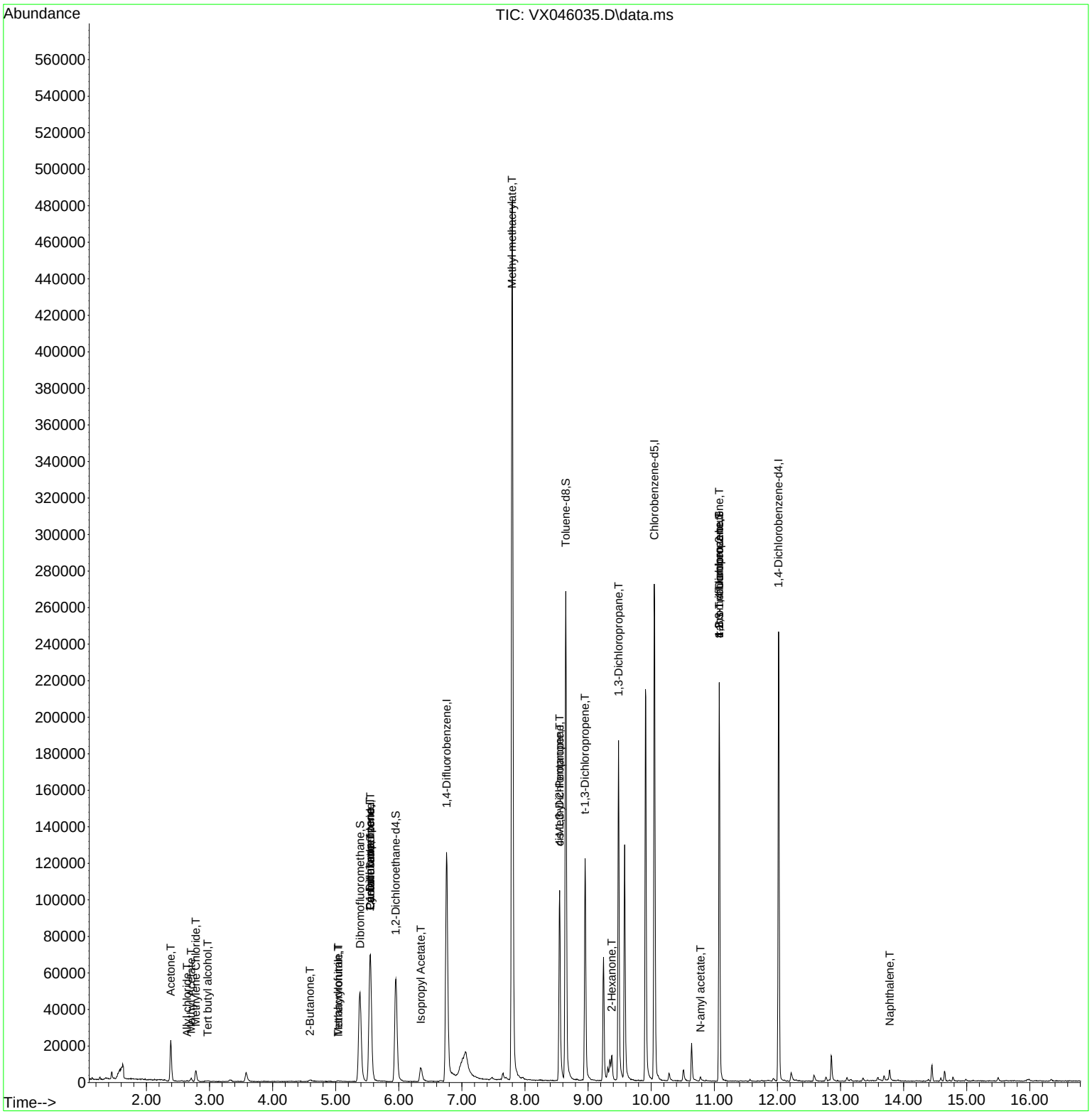
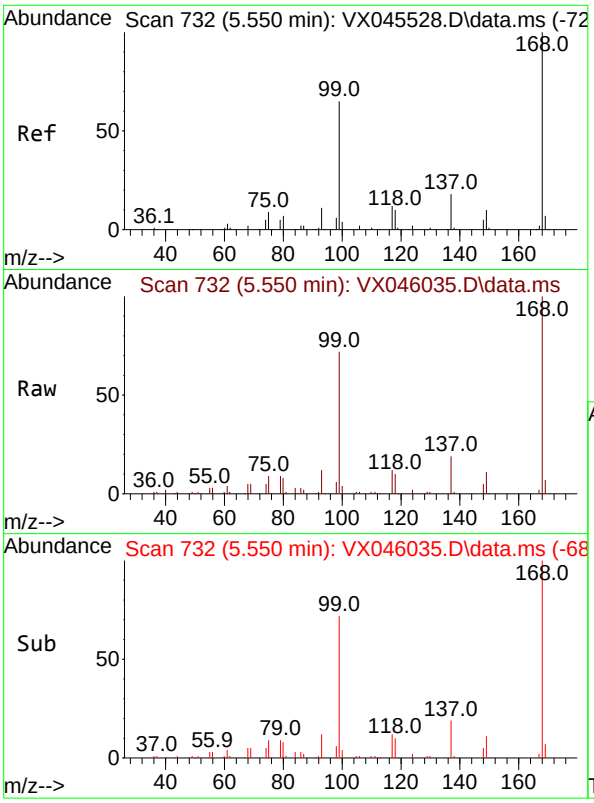
Instrument :
MSVOA_X
ClientSampleId :
MH-MM

Quant Time: May 02 23:20:53 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



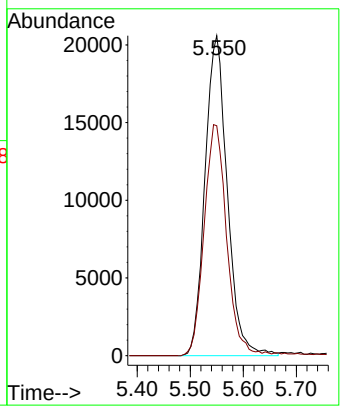


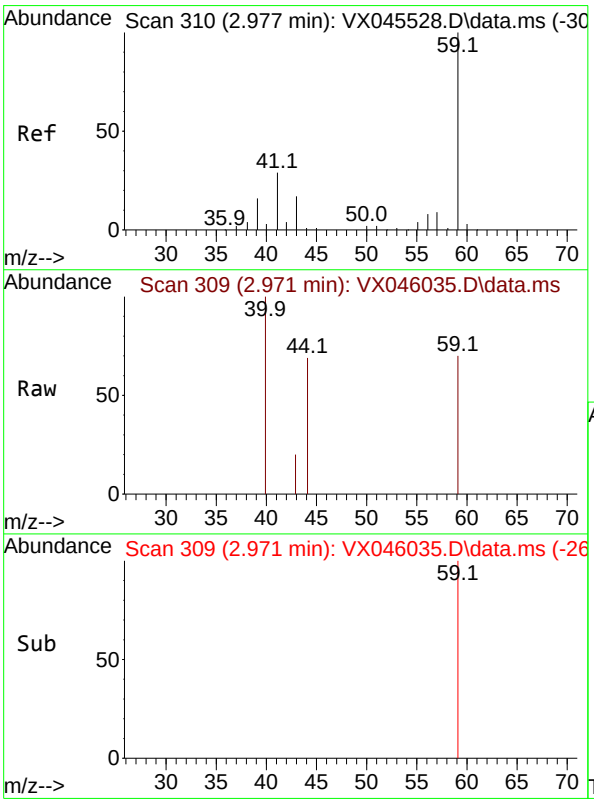
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046035.D
Acq: 02 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
MH-MM

Tgt Ion:168 Resp: 59965

Ion	Ratio	Lower	Upper
168	100		
99	71.8	52.3	78.5

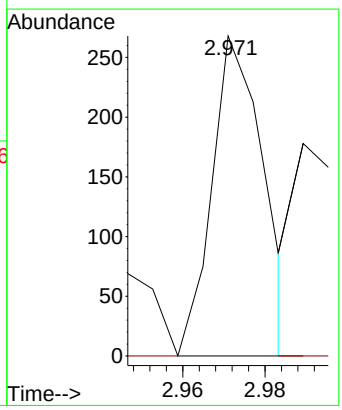


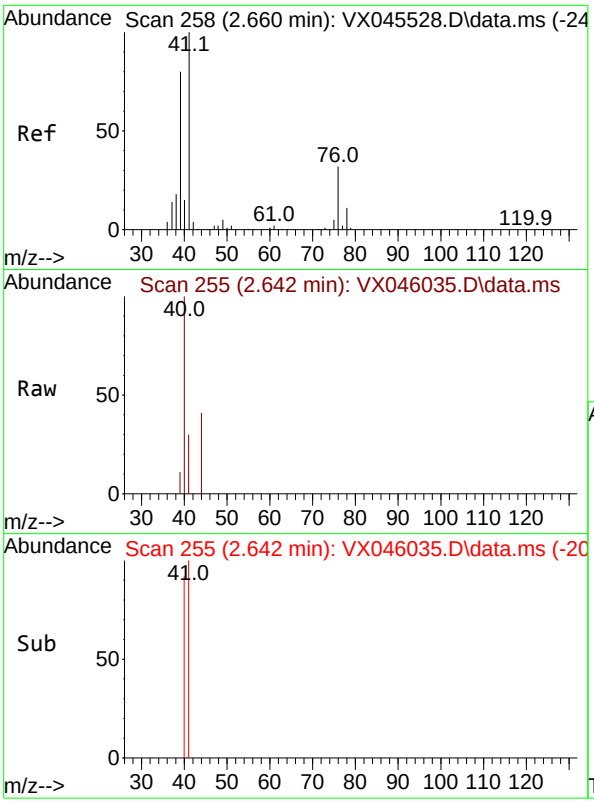


#11
Tert butyl alcohol
Concen: 1.595 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX046035.D
Acq: 02 May 2025 18:09

Tgt Ion: 59 Resp: 235

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#



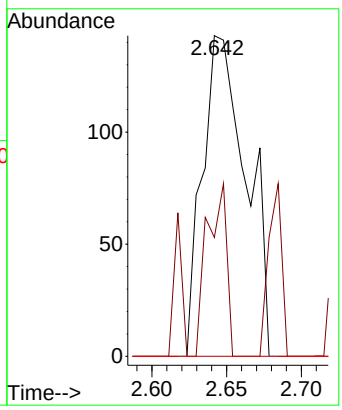


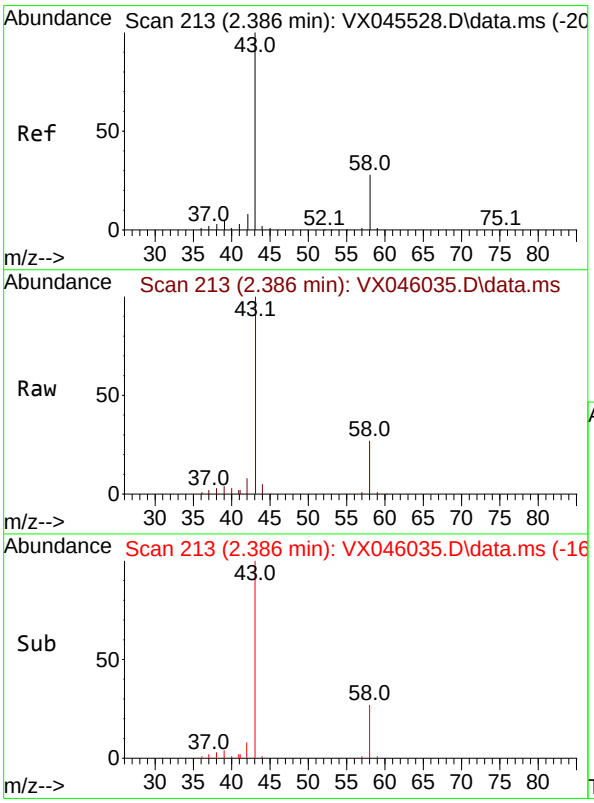
#14
Allyl chloride
Concen: 0.214 ug/l
RT: 2.642 min Scan# 2
Delta R.T. -0.018 min
Lab File: VX046035.D
Acq: 02 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
MH-MM

Tgt Ion: 41 Resp: 292

Ion	Ratio	Lower	Upper
41	100		
39	24.0	60.2	90.2#
76	0.0	24.6	36.8#

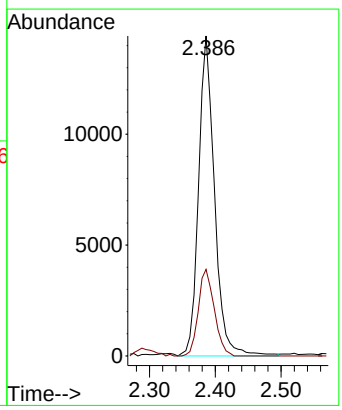


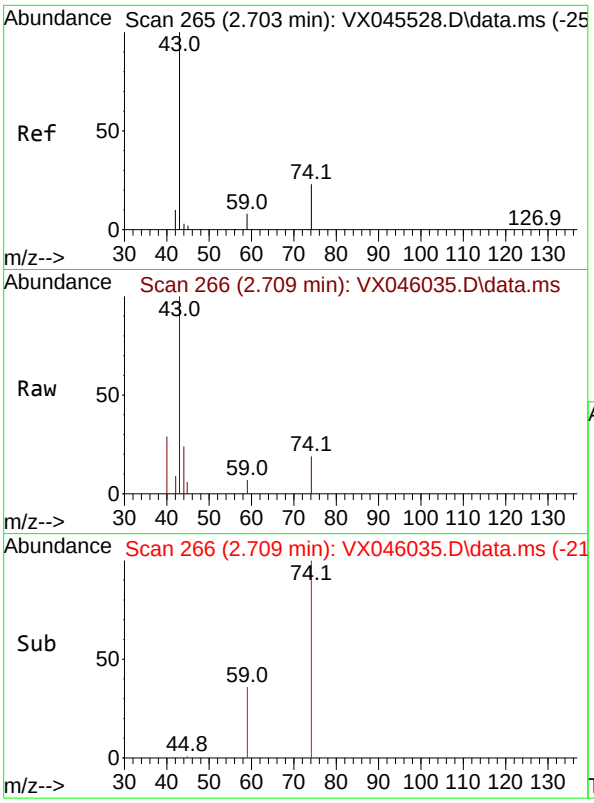


#16
Acetone
Concen: 54.033 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046035.D
Acq: 02 May 2025 18:09

Tgt Ion: 43 Resp: 24331

Ion	Ratio	Lower	Upper
43	100		
58	27.1	22.3	33.5



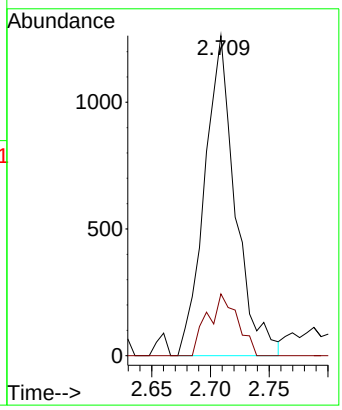


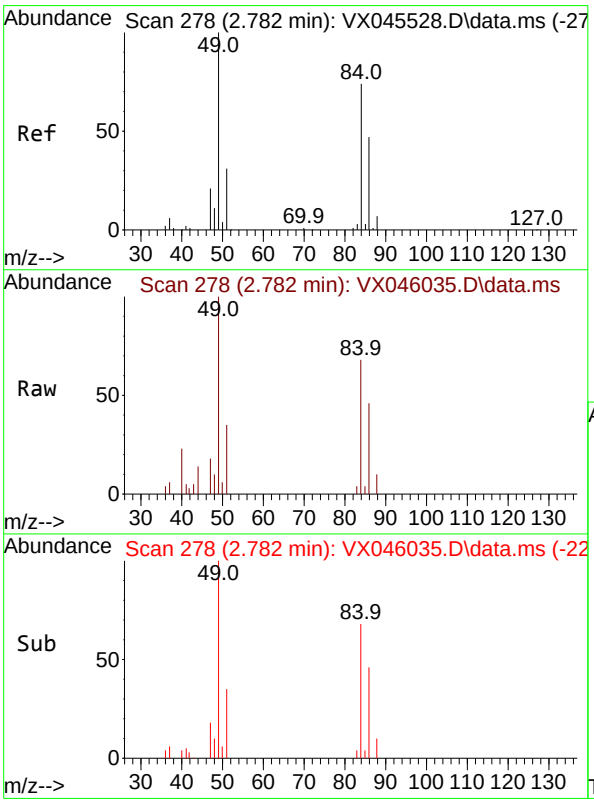
#18
Methyl Acetate
Concen: 2.220 ug/l
RT: 2.709 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046035.D
Acq: 02 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
MH-MM

Tgt Ion: 43 Resp: 2302

Ion	Ratio	Lower	Upper
43	100		
74	18.8	17.5	26.3

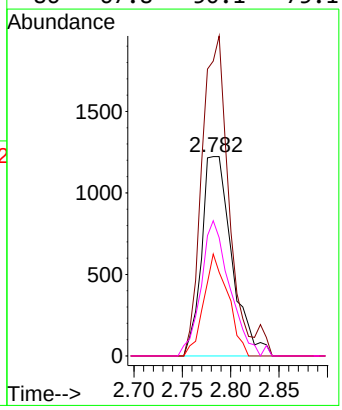


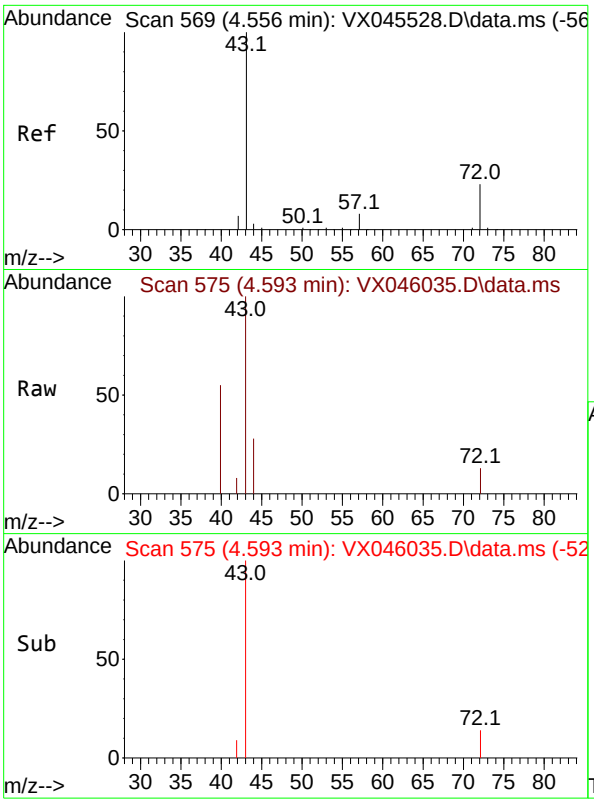


#20
Methylene Chloride
Concen: 3.158 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046035.D
Acq: 02 May 2025 18:09

Tgt Ion: 84 Resp: 2662

Ion	Ratio	Lower	Upper
84	100		
49	147.9	107.5	161.3
51	51.1	33.0	49.6#
86	67.8	50.1	75.1



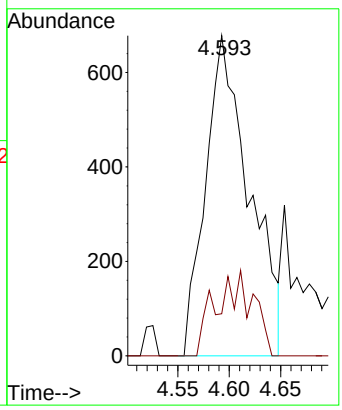


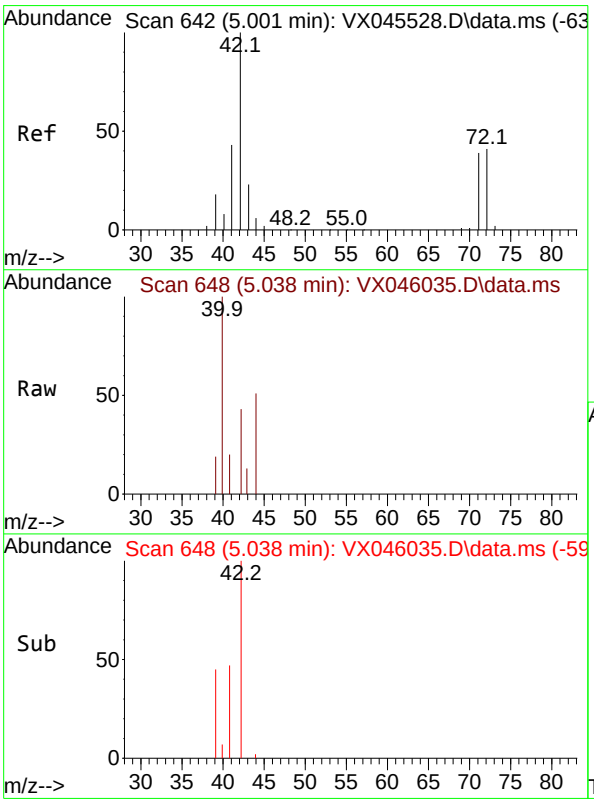
#25
2-Butanone
Concen: 3.052 ug/l
RT: 4.593 min Scan# 5
Delta R.T. 0.037 min
Lab File: VX046035.D
Acq: 02 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
MH-MM

Tgt Ion: 43 Resp: 2012

Ion	Ratio	Lower	Upper
43	100		
72	13.1	18.6	28.0#

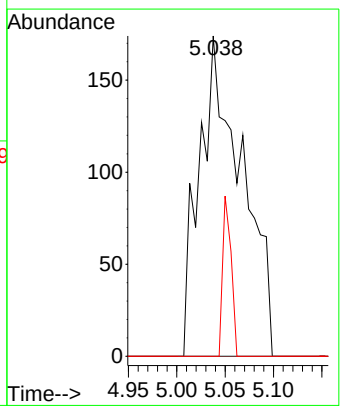


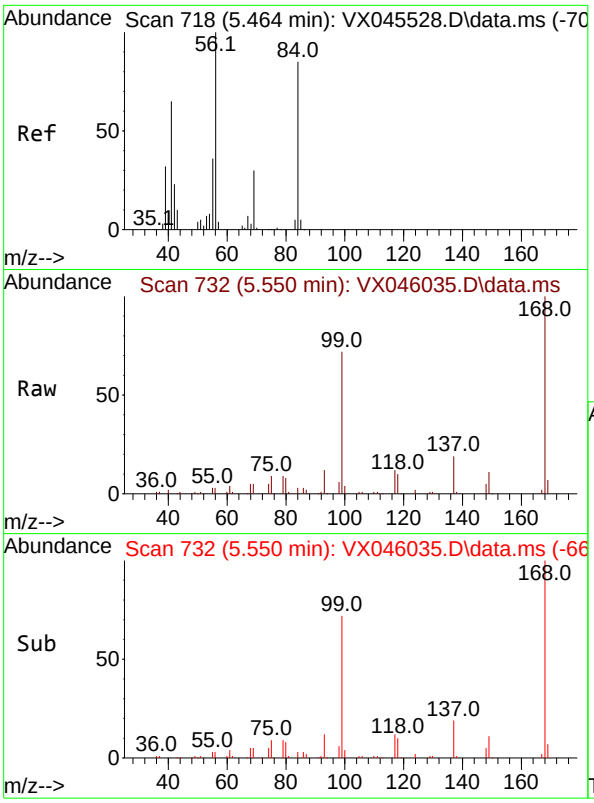


#29
Tetrahydrofuran
Concen: 1.243 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.037 min
Lab File: VX046035.D
Acq: 02 May 2025 18:09

Tgt Ion: 42 Resp: 531

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.4	50.0#
71	10.0	31.4	47.0#



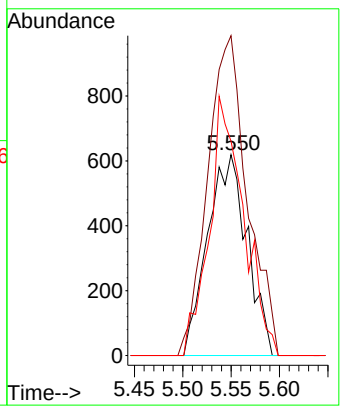


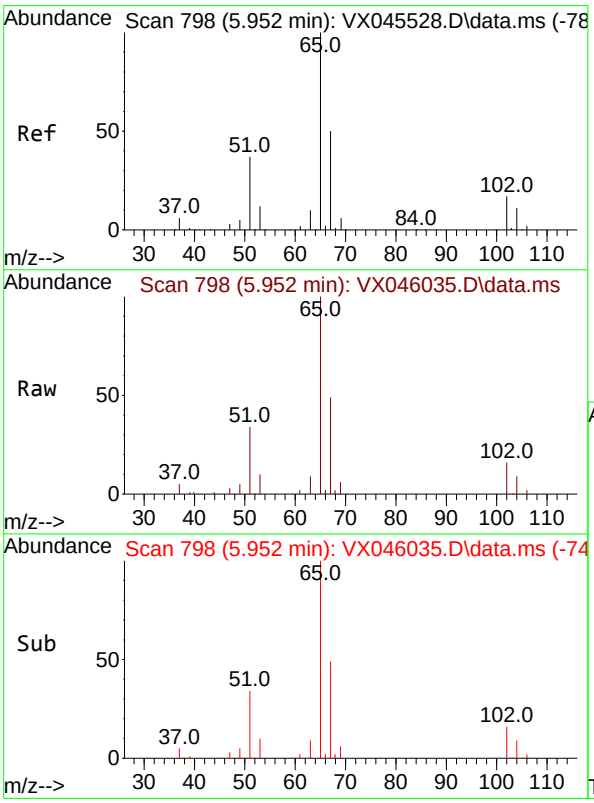
#31
Cyclohexane
Concen: 1.308 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.085 min
Lab File: VX046035.D
Acq: 02 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
MH-MM

Tgt Ion: 56 Resp: 1760

Ion	Ratio	Lower	Upper
56	100		
69	159.3	23.6	35.4#
84	106.8	67.7	101.5#

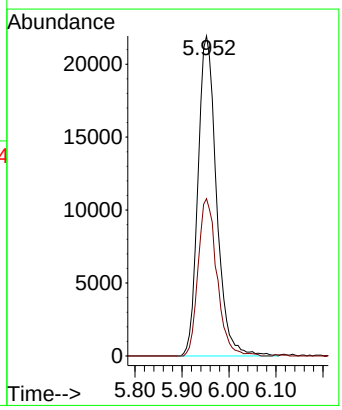


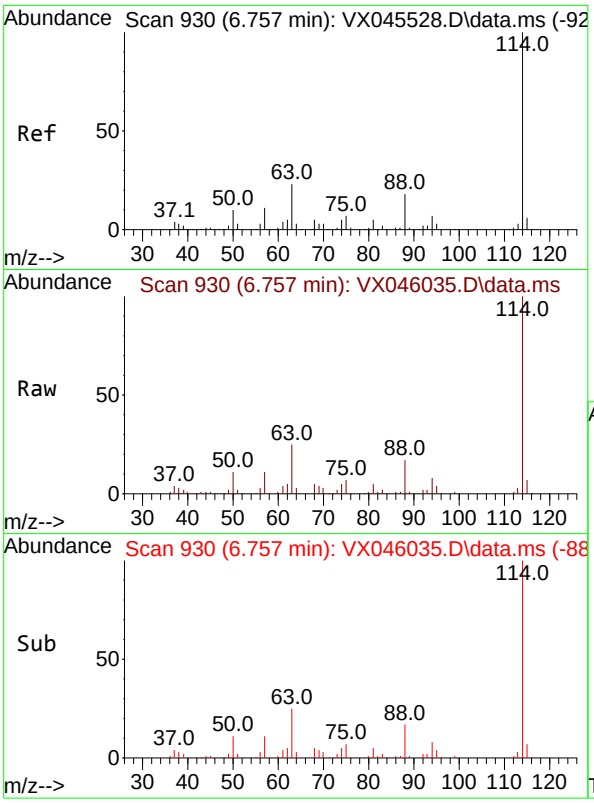


#33
1,2-Dichloroethane-d4
Concen: 54.834 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX046035.D
Acq: 02 May 2025 18:09

Tgt Ion: 65 Resp: 60131

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	99.0



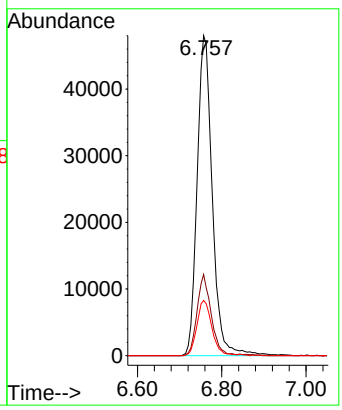


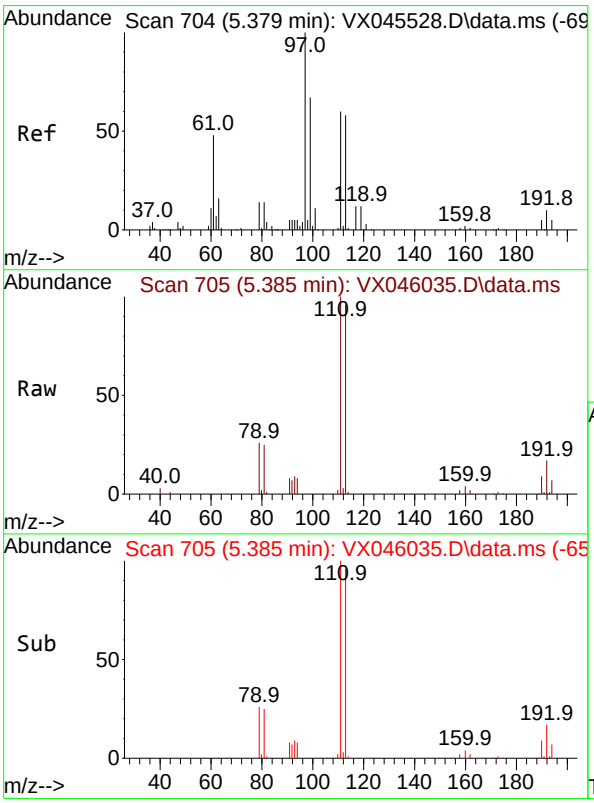
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046035.D
Acq: 02 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
MH-MM

Tgt Ion:114 Resp: 120378

Ion	Ratio	Lower	Upper
114	100		
63	25.4	0.0	46.8
88	17.2	0.0	35.4

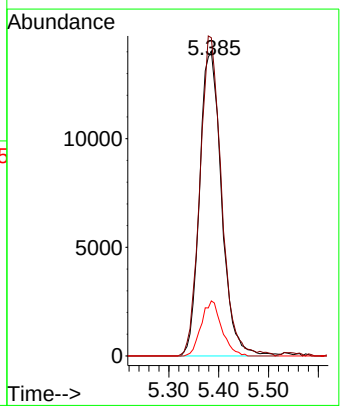


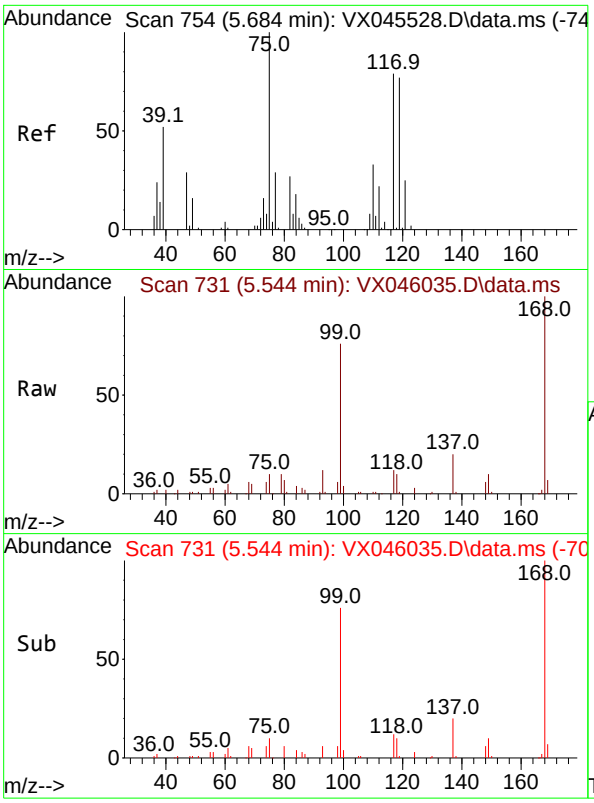


#35
Dibromofluoromethane
Concen: 50.197 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046035.D
Acq: 02 May 2025 18:09

Tgt Ion:113 Resp: 42872

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.8	122.6
192	16.9	13.8	20.6



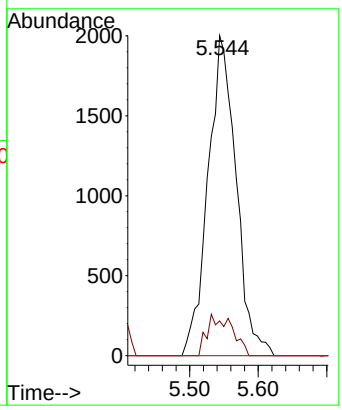


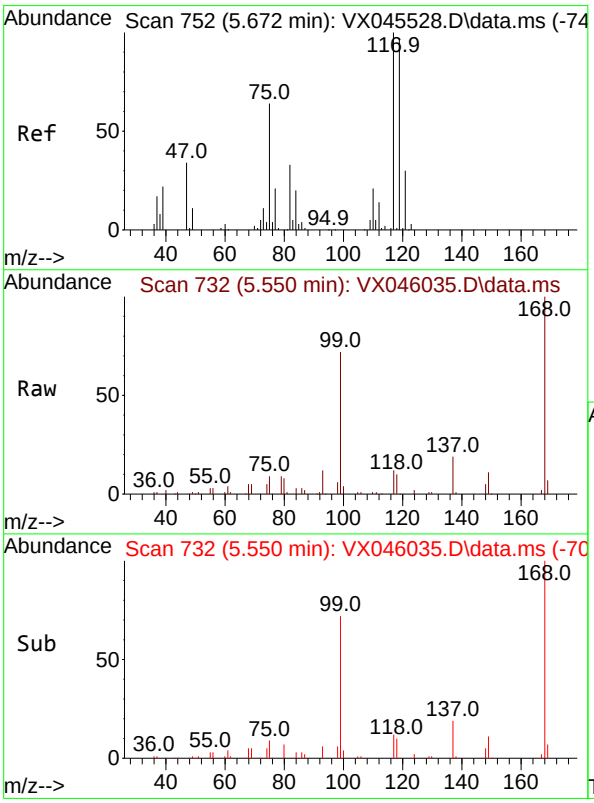
#36
1,1-Dichloropropene
Concen: 4.941 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.140 min
Lab File: VX046035.D
Acq: 02 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
MH-MM

Tgt Ion: 75 Resp: 5698

Ion	Ratio	Lower	Upper
75	100		
110	11.4	16.9	50.6#
77	0.0	25.0	37.4#

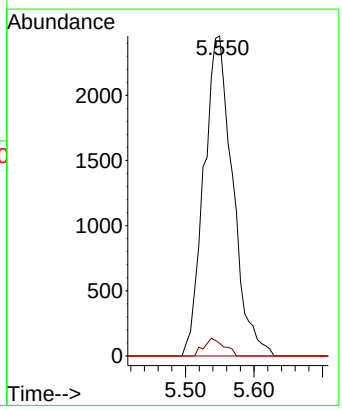


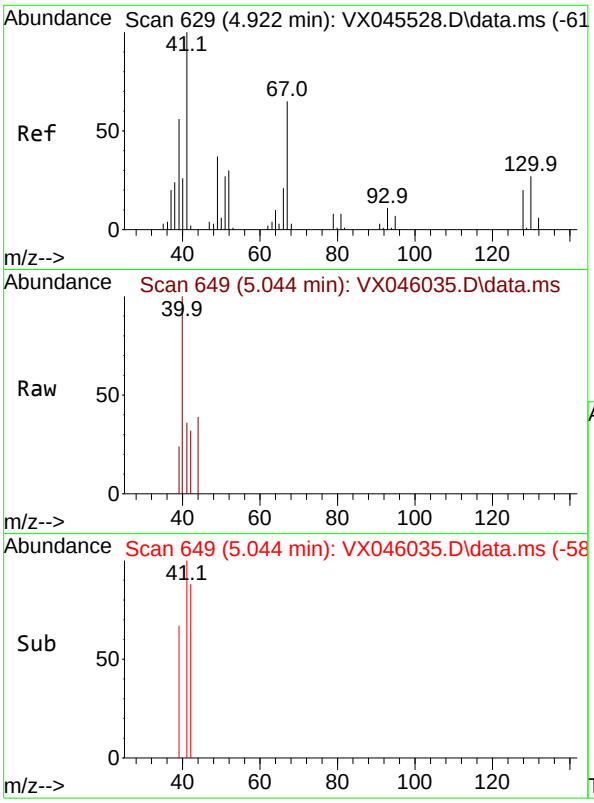


#38
Carbon Tetrachloride
Concen: 5.753 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX046035.D
Acq: 02 May 2025 18:09

Tgt Ion:117 Resp: 7170

Ion	Ratio	Lower	Upper
117	100		
119	3.9	76.9	115.3#
121	0.0	24.2	36.2#



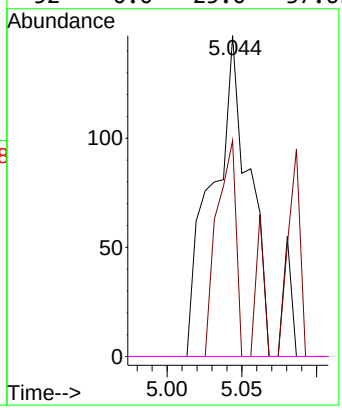


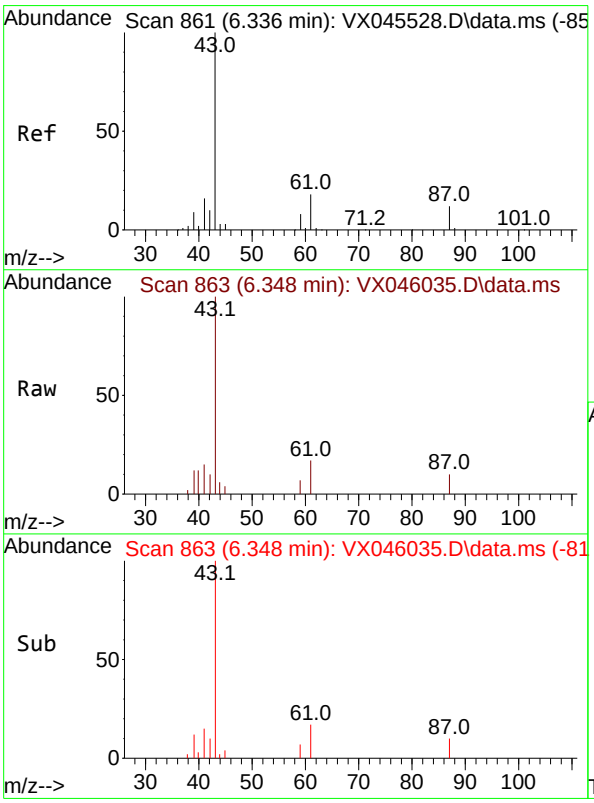
#41
Methacrylonitrile
Concen: 0.325 ug/l
RT: 5.044 min Scan# 64
Delta R.T. 0.122 min
Lab File: VX046035.D
Acq: 02 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
MH-MM

Tgt Ion: 41 Resp: 249

Ion	Ratio	Lower	Upper
41	100		
39	35.3	47.0	70.6#
67	0.0	53.2	79.8#
52	0.0	25.0	37.6#

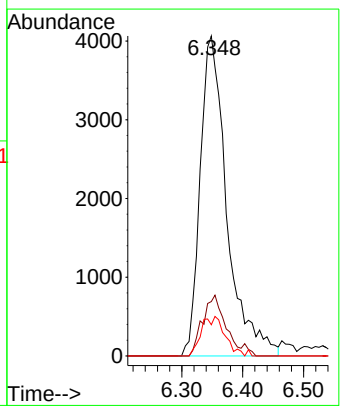


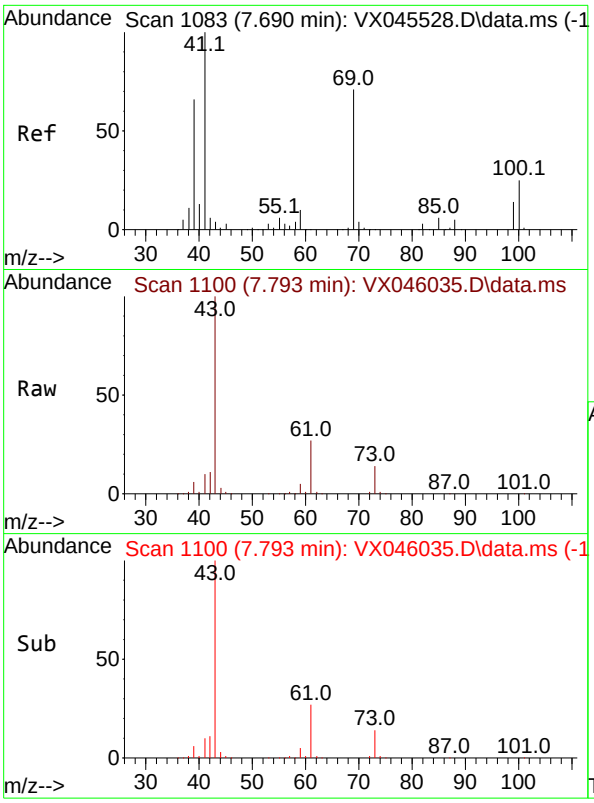


#43
Isopropyl Acetate
Concen: 5.619 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX046035.D
Acq: 02 May 2025 18:09

Tgt Ion: 43 Resp: 12377

Ion	Ratio	Lower	Upper
43	100		
61	16.9	14.1	21.1
87	5.3	9.2	13.8#



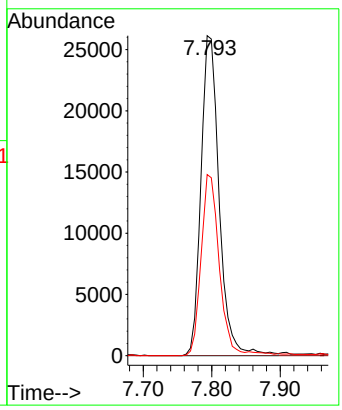


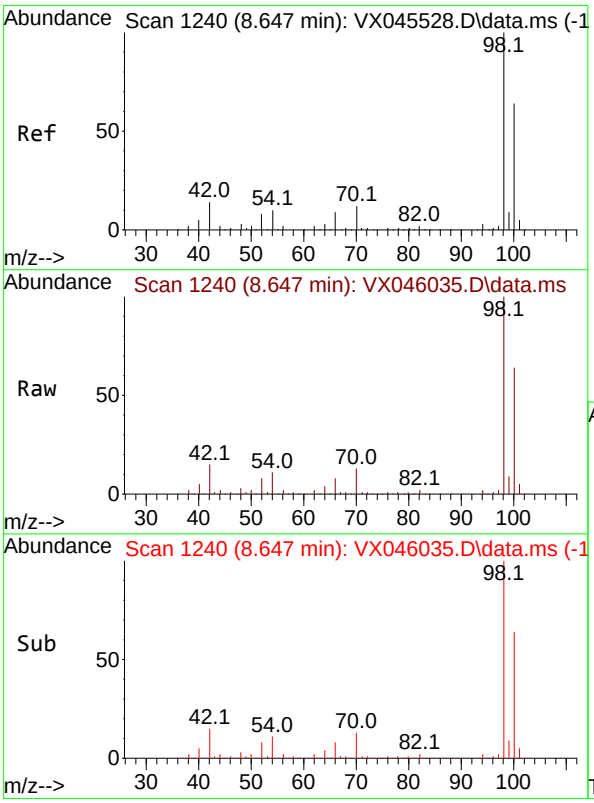
#48
Methyl methacrylate
Concen: 42.462 ug/l
RT: 7.793 min Scan# 11
Delta R.T. 0.104 min
Lab File: VX046035.D
Acq: 02 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
MH-MM

Tgt Ion: 41 Resp: 48289

Ion	Ratio	Lower	Upper
41	100		
69	0.0	58.2	87.2#
39	55.8	53.6	80.4

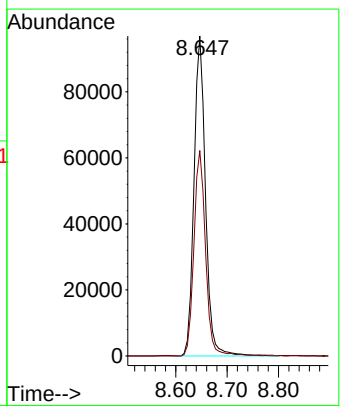


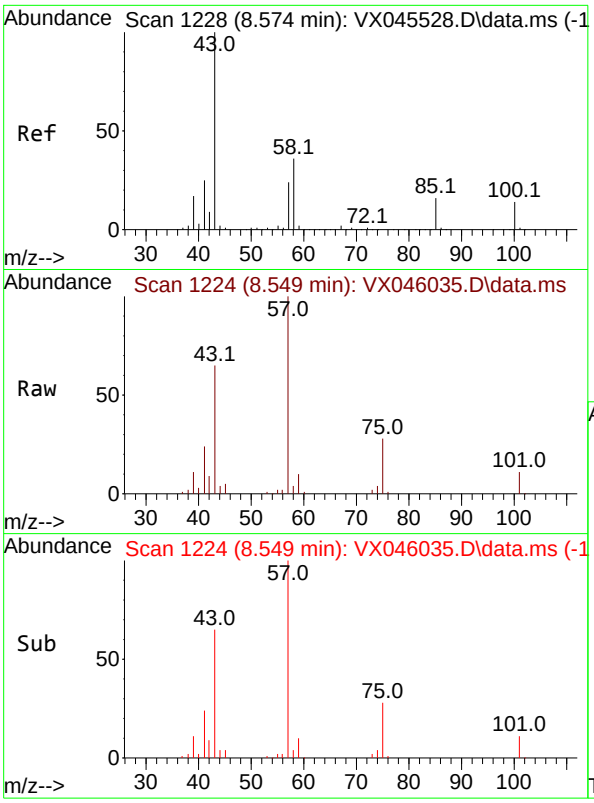


#50
Toluene-d8
Concen: 50.748 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046035.D
Acq: 02 May 2025 18:09

Tgt Ion: 98 Resp: 151283

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.4



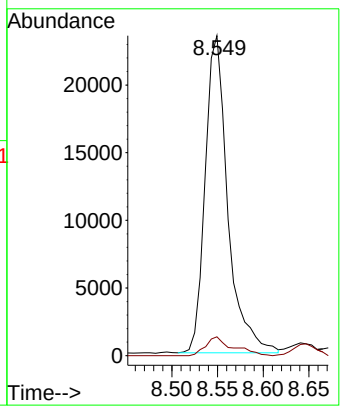


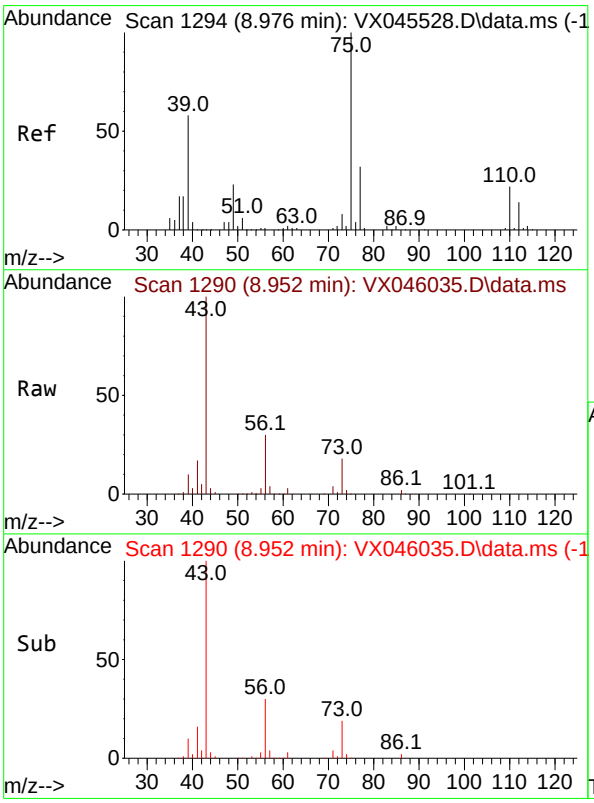
#51
4-Methyl-2-Pentanone
Concen: 27.584 ug/l
RT: 8.549 min Scan# 1
Delta R.T. -0.024 min
Lab File: VX046035.D
Acq: 02 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
MH-MM

Tgt Ion: 43 Resp: 40277

Ion	Ratio	Lower	Upper
43	100		
58	7.1	28.5	42.7#

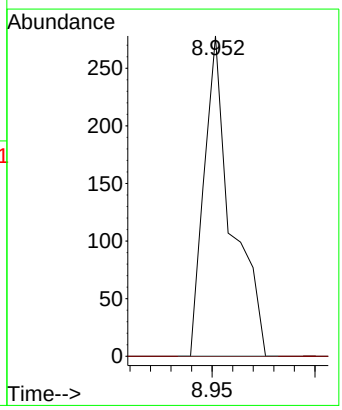


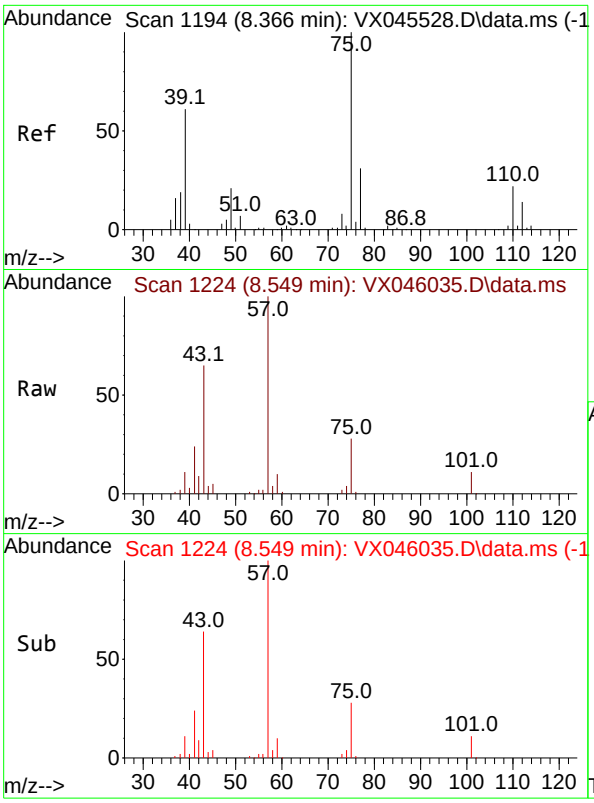


#53
t-1,3-Dichloropropene
Concen: 2.480 ug/l
RT: 8.952 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX046035.D
Acq: 02 May 2025 18:09

Tgt Ion: 75 Resp: 259

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#



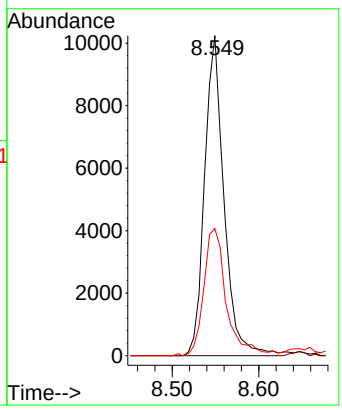


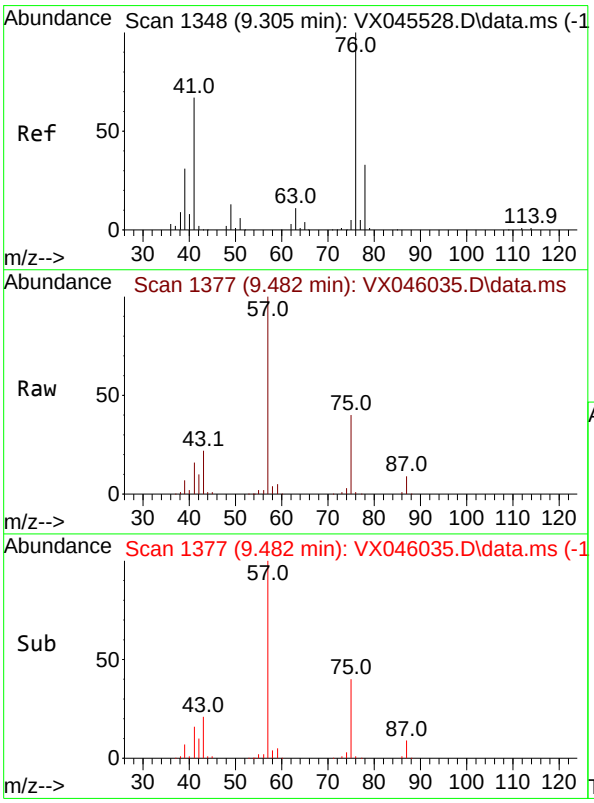
#54
cis-1,3-Dichloropropene
Concen: 12.587 ug/l
RT: 8.549 min Scan# 1
Delta R.T. 0.183 min
Lab File: VX046035.D
Acq: 02 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
MH-MM

Tgt Ion: 75 Resp: 15935

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.6	36.8#
39	39.1	48.4	72.6#

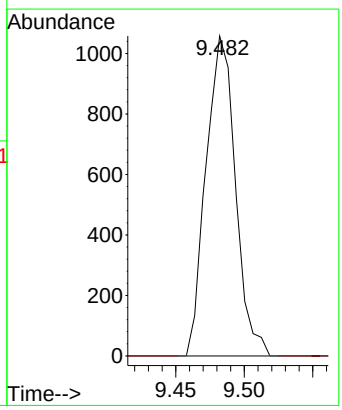


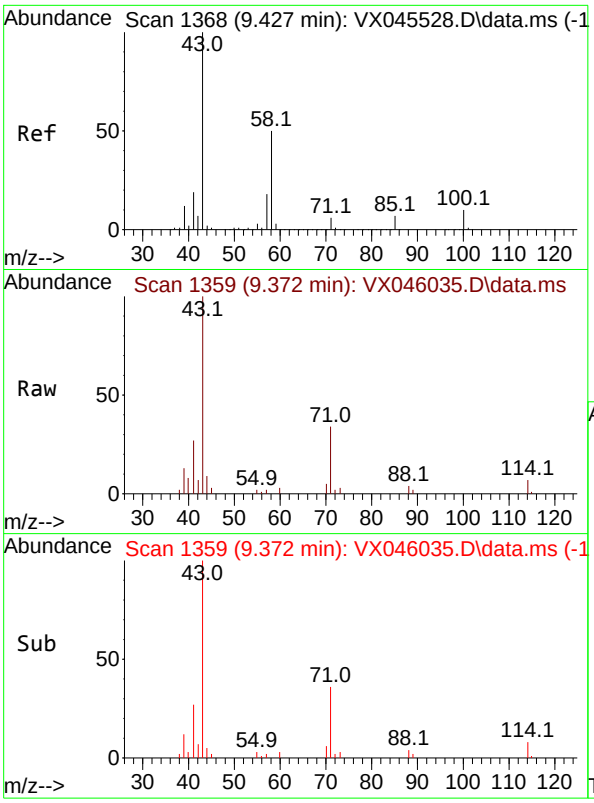


#57
1,3-Dichloropropane
Concen: 1.069 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX046035.D
Acq: 02 May 2025 18:09

Tgt Ion: 76 Resp: 1581

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.0	39.0#



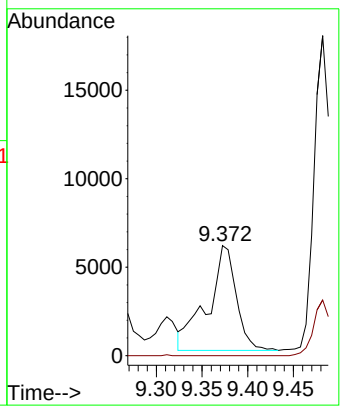


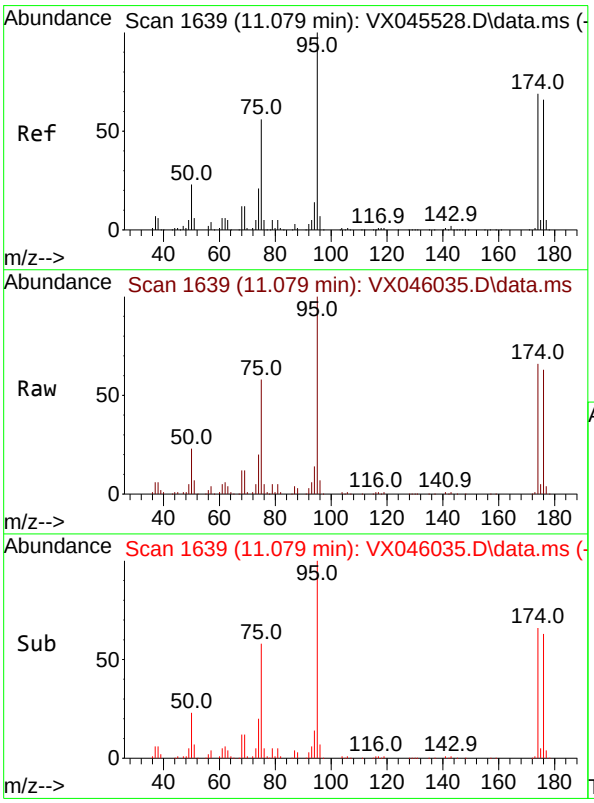
#59
2-Hexanone
Concen: 11.991 ug/l
RT: 9.372 min Scan# 1
Delta R.T. -0.055 min
Lab File: VX046035.D
Acq: 02 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
MH-MM

Tgt Ion: 43 Resp: 12966

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.9	74.6#

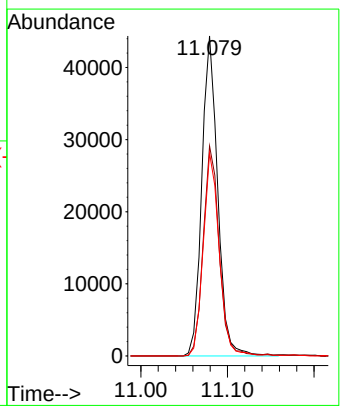


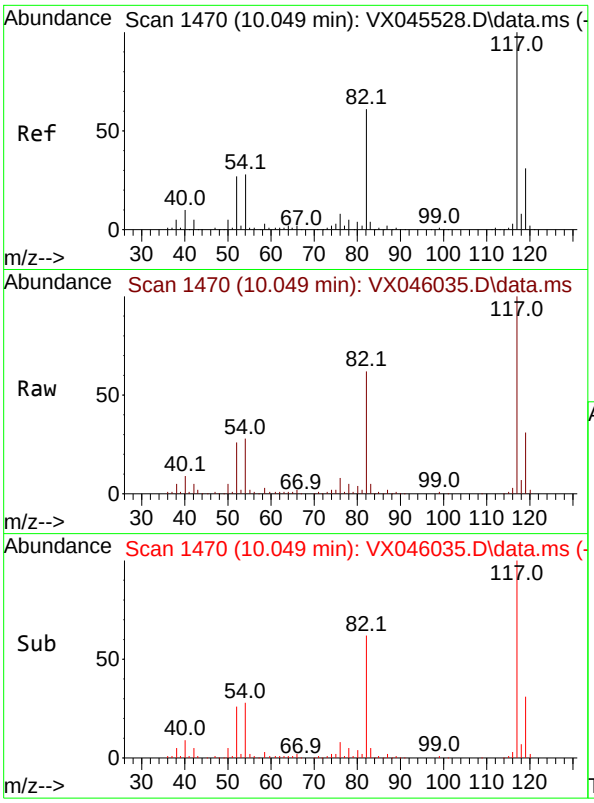


#62
4-Bromofluorobenzene
Concen: 52.091 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046035.D
Acq: 02 May 2025 18:09

Tgt Ion: 95 Resp: 56564

Ion	Ratio	Lower	Upper
95	100		
174	65.7	0.0	135.8
176	63.8	0.0	131.4



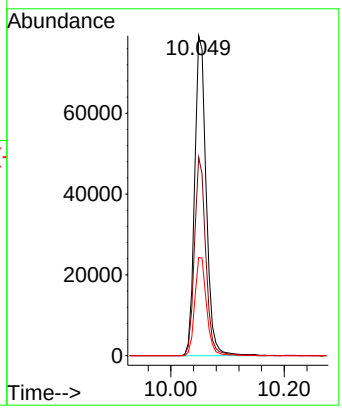


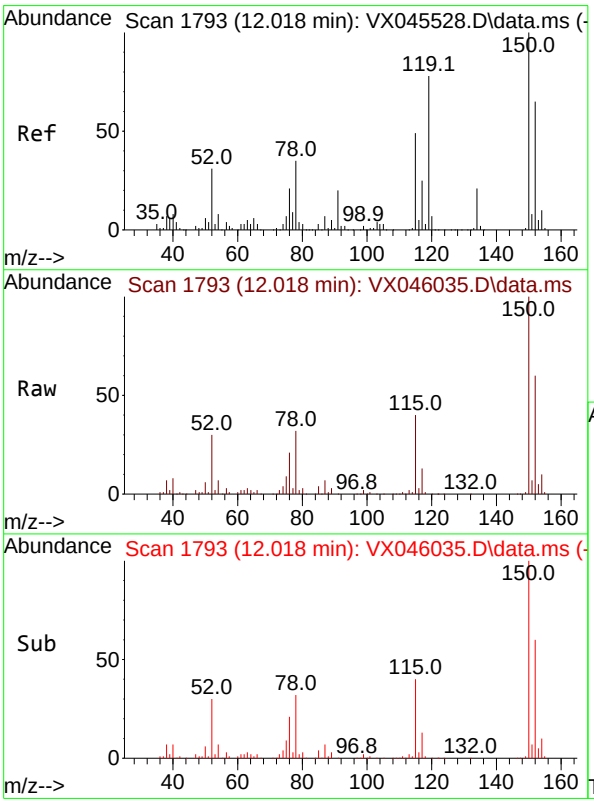
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046035.D
Acq: 02 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
MH-MM

Tgt Ion:117 Resp: 111898

Ion	Ratio	Lower	Upper
117	100		
82	62.0	49.2	73.8
119	30.7	25.1	37.7

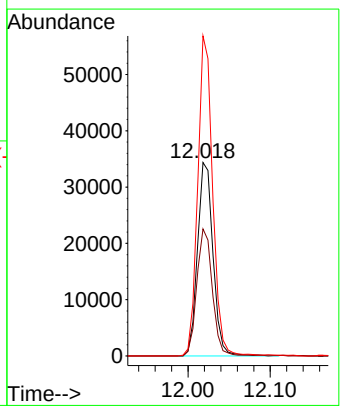


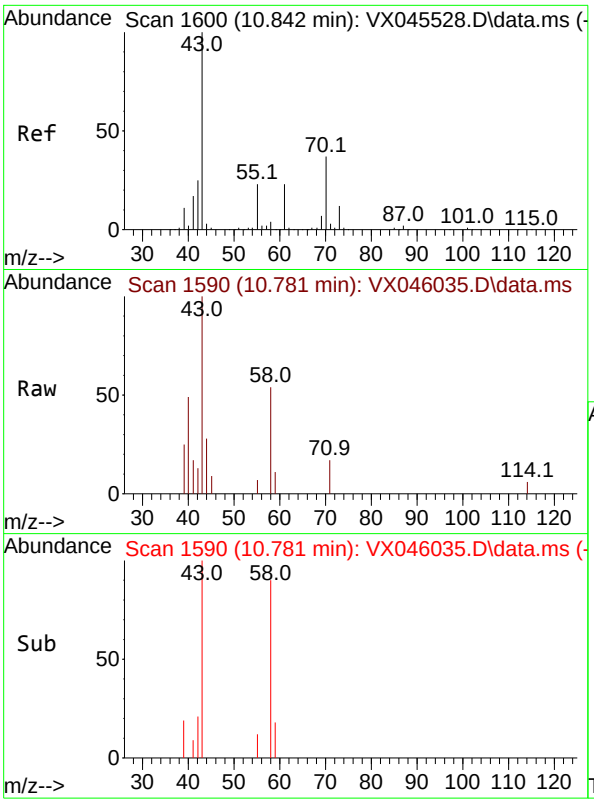


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046035.D
Acq: 02 May 2025 18:09

Tgt Ion:152 Resp: 45137

Ion	Ratio	Lower	Upper
152	100		
115	65.6	46.9	140.7
150	158.6	0.0	349.4



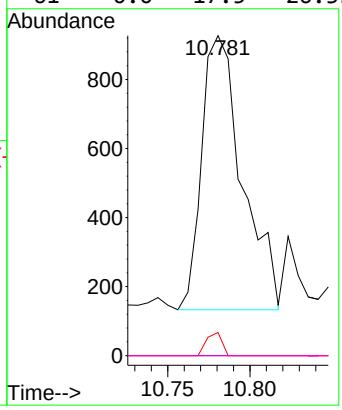


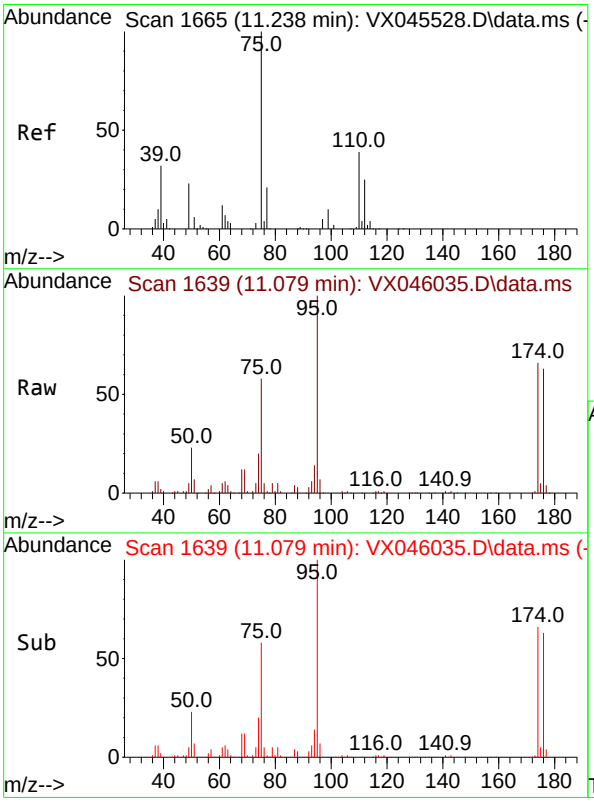
#74
N-amyl acetate
Concen: 0.789 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.061 min
Lab File: VX046035.D
Acq: 02 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
MH-MM

Tgt Ion: 43 Resp: 1365

Ion	Ratio	Lower	Upper
43	100		
70	0.0	30.1	45.1#
55	3.2	18.3	27.5#
61	0.0	17.5	26.3#

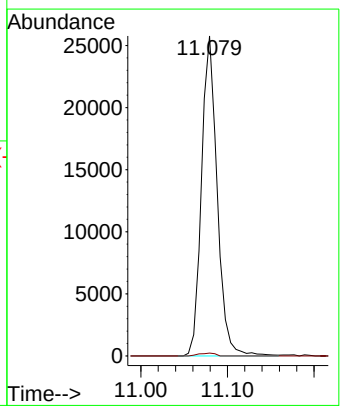


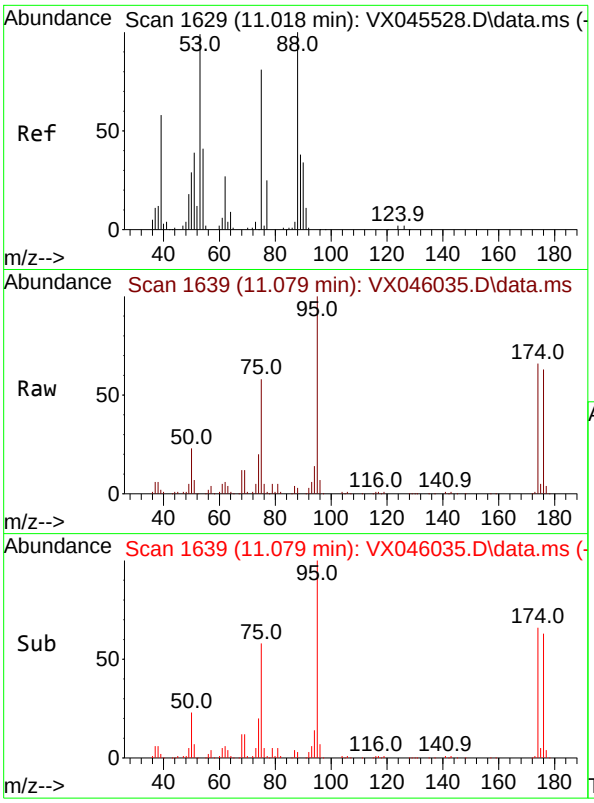


#76
1,2,3-Trichloropropane
Concen: 29.461 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX046035.D
Acq: 02 May 2025 18:09

Tgt Ion: 75 Resp: 32436

Ion	Ratio	Lower	Upper
75	100		
77	0.9	20.0	59.9#



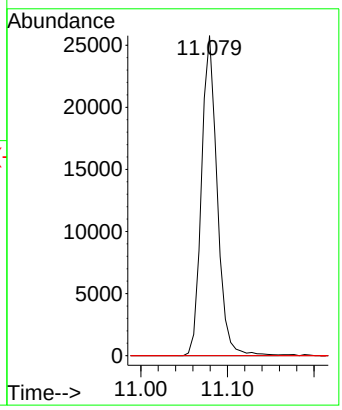


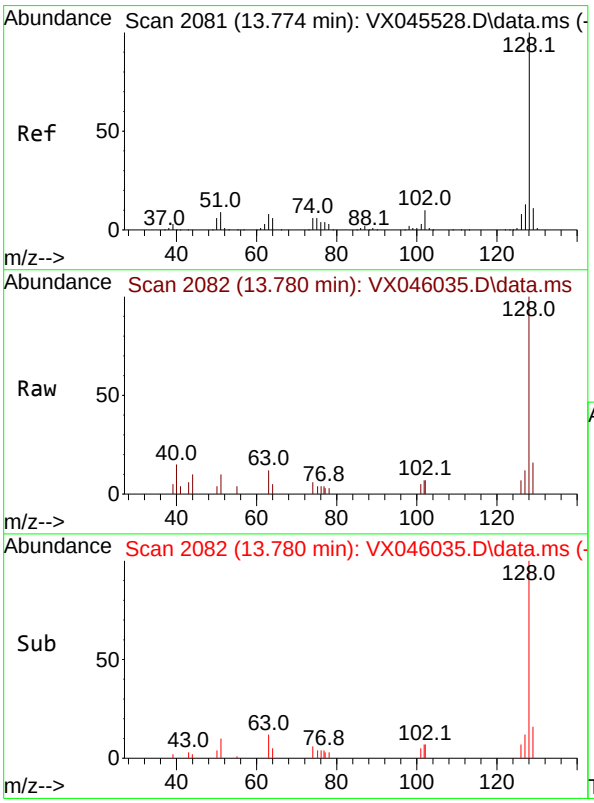
#81
trans-1,4-Dichloro-2-butene
Concen: 99.985 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX046035.D
Acq: 02 May 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
MH-MM

Tgt Ion: 75 Resp: 32436

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





#95
Naphthalene
Concen: 1.409 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX046035.D
Acq: 02 May 2025 18:09

Tgt Ion:128 Resp: 4412

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	12.6	8.6	12.8