Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021425\
Data File : VX044955.D
Acq On : 14 Feb 2025 12:48
Operator : JC/MD
Sample : Q1168-09 0.2PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Quant Time: Feb 15 03:02:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 15 03:00:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.544	168	94172	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.757	114	177149	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.049	117	154748	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66049	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.946	65	85180	61.791	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 123.580%				
35) Dibromofluoromethane	5.379	113	65011	56.445	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.880%				
50) Toluene-d8	8.647	98	241226	55.387	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.780%				
62) 4-Bromofluorobenzene	11.079	95	80747	54.995	ug/l		0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.000%				
Target Compounds							Qvalue
3) Chloromethane	1.301	50	448	0.279	ug/l	#	88
5) Bromomethane	1.593	94	282	0.605	ug/l		91
6) Chloroethane	1.672	64	343	0.594	ug/l		96
7) Trichlorofluoromethane	1.880	101	437	0.222	ug/l		91
11) Tert butyl alcohol	2.934	59	1656	6.475	ug/l	#	73
13) Acrolein	2.227	56	388	1.471	ug/l		95
14) Allyl chloride	2.660	41	572	0.261	ug/l	#	85
15) Acrylonitrile	3.081	53	717	1.050	ug/l	#	80
16) Acetone	2.380	43	767	1.384	ug/l	#	79
17) Carbon Disulfide	2.508	76	847	0.254	ug/l	#	66
18) Methyl Acetate	2.709	43	457	0.261	ug/l	#	52
19) Methyl tert-butyl Ether	3.117	73	801	0.207	ug/l	#	85
20) Methylene Chloride	2.776	84	364	0.268	ug/l	#	67
23) Vinyl Acetate	3.751	43	2504	0.740	ug/l	#	72
29) Tetrahydrofuran	5.019	42	421	0.705	ug/l	#	37
31) Cyclohexane	5.470	56	435	0.203	ug/l	#	84
36) 1,1-Dichloropropene	5.544	75	8298	4.994	ug/l	#	49
42) 1,2-Dichloroethane	6.105	62	416	0.252	ug/l	#	74
51) 4-Methyl-2-Pentanone	8.580	43	1370	0.755	ug/l	#	87
52) Toluene	8.720	92	640	0.207	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.257	63	1787	1.897	ug/l		99
59) 2-Hexanone	9.470	43	952	0.728	ug/l		63
64) Tetrachloroethene	9.275	164	200	0.205	ug/l	#	80
65) Chlorobenzene	10.079	112	705	0.212	ug/l	#	79
68) m/p-Xylenes	10.305	106	671	0.310	ug/l		83
71) Bromoform	10.805	173	186	0.233	ug/l	#	94
76) 1,2,3-Trichloropropane	11.079	75	42852	29.262	ug/l	#	34
77) Bromobenzene	11.201	156	256	0.212	ug/l		96
79) 2-Chlorotoluene	11.372	91	941	0.249	ug/l		75
81) trans-1,4-Dichloro-2-b...	11.079	75	42852	75.274	ug/l	#	11
91) 1,2-Dichlorobenzene	12.341	146	448	0.206	ug/l		86

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021425\
Data File : VX044955.D
Acq On : 14 Feb 2025 12:48
Operator : JC/MD
Sample : Q1168-09 0.2PPB
Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
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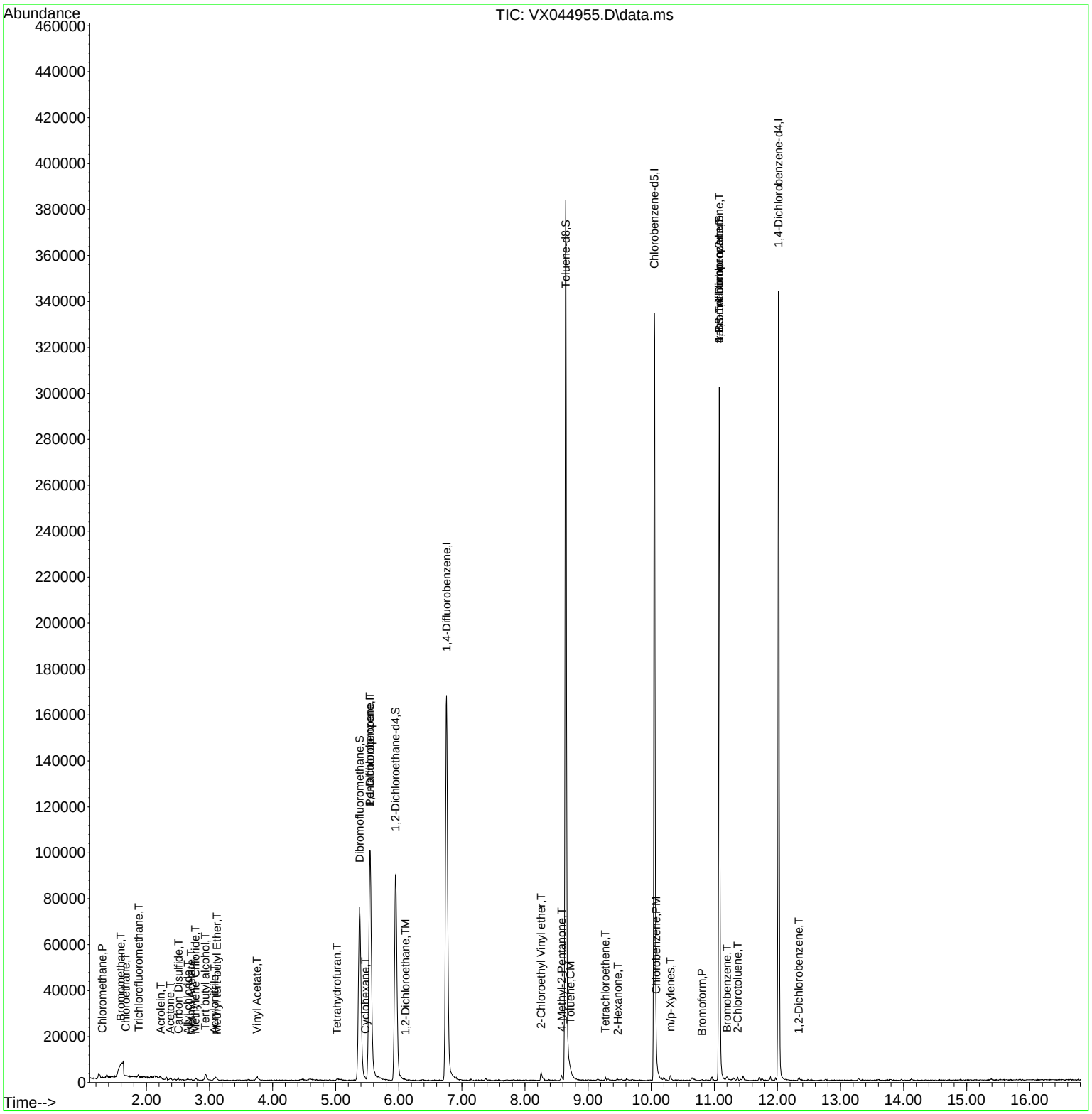
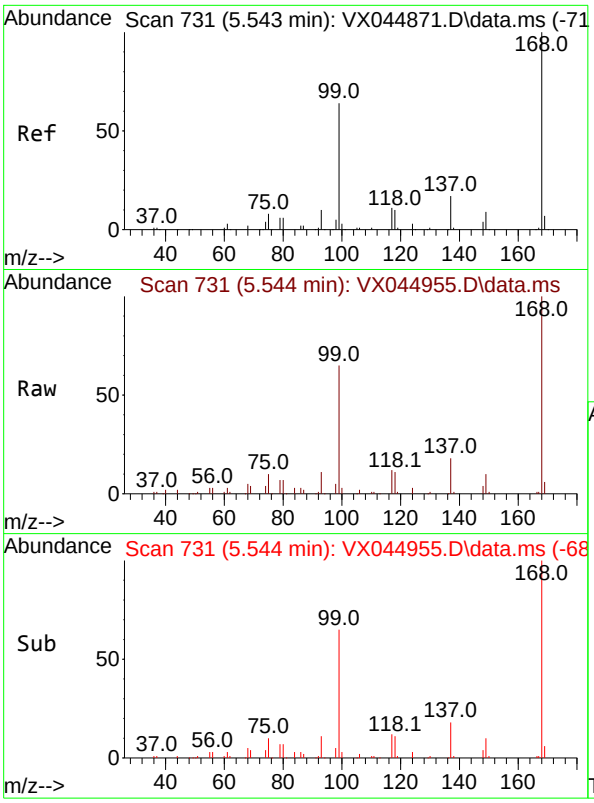
ClientSampleId :
MDL-WATER-03-QT1-2025

Quant Time: Feb 15 03:02:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 15 03:00:59 2025
Response via : Initial Calibration



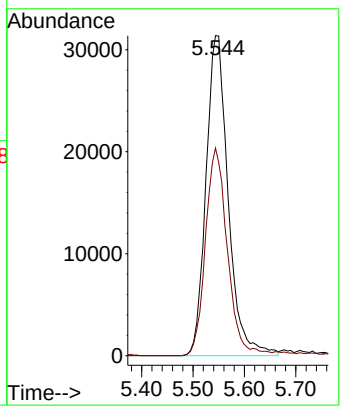


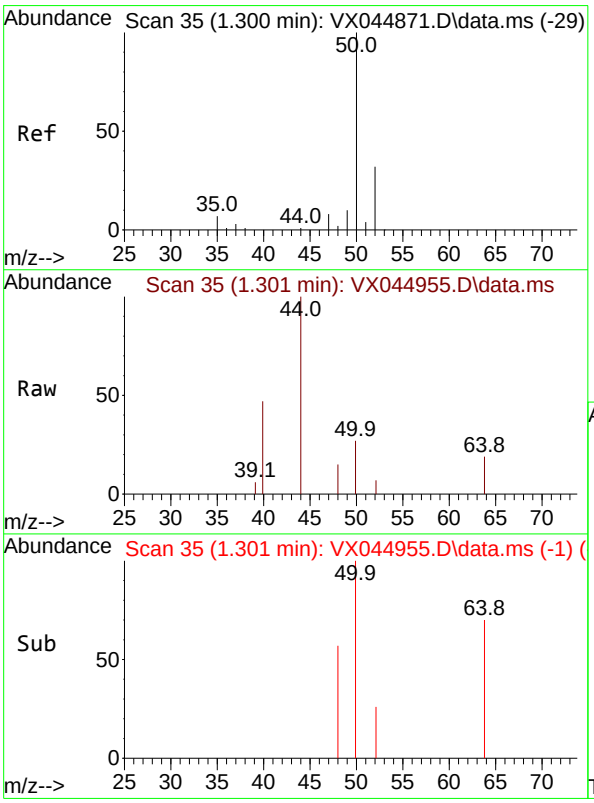
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.001 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion:168 Resp: 94172

Ion	Ratio	Lower	Upper
168	100		
99	64.9	51.2	76.8

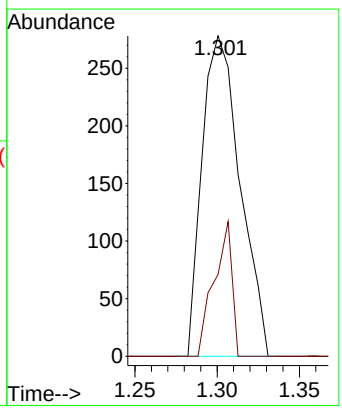


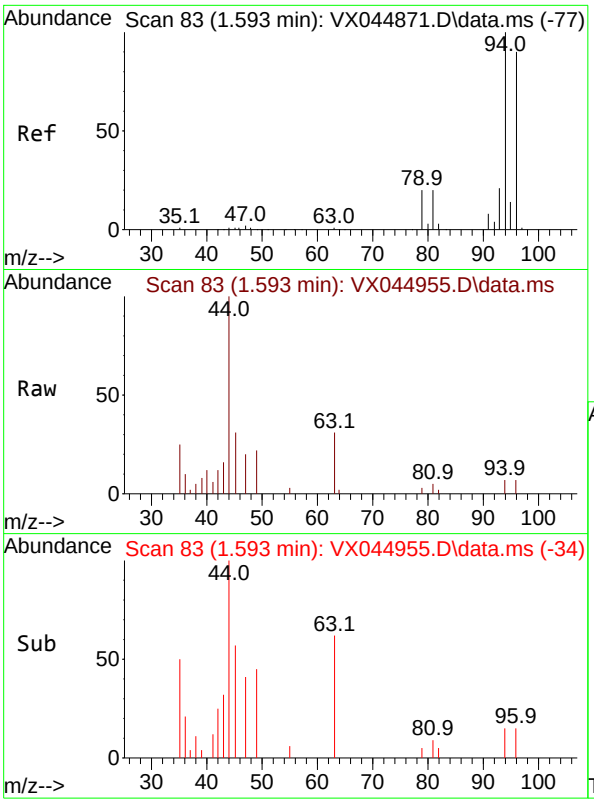


#3
Chloromethane
Concen: 0.279 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Tgt Ion: 50 Resp: 448

Ion	Ratio	Lower	Upper
50	100		
52	25.5	25.9	38.9#



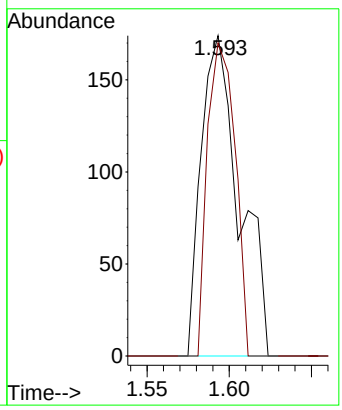


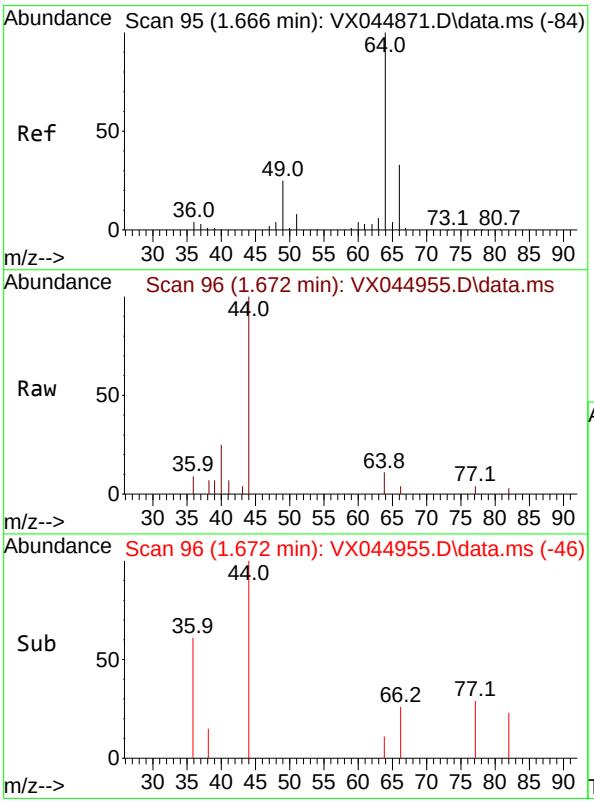
#5
Bromomethane
Concen: 0.605 ug/l
RT: 1.593 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 94 Resp: 282

Ion	Ratio	Lower	Upper
94	100		
96	97.7	71.6	107.4

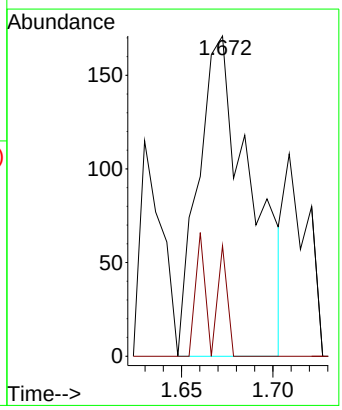


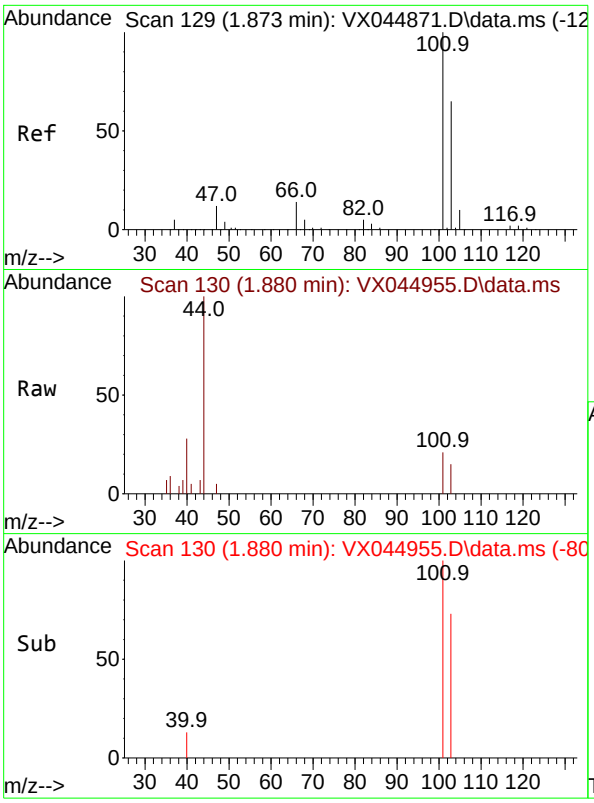


#6
Chloroethane
Concen: 0.594 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Tgt Ion: 64 Resp: 343

Ion	Ratio	Lower	Upper
64	100		
66	34.5	25.9	38.9



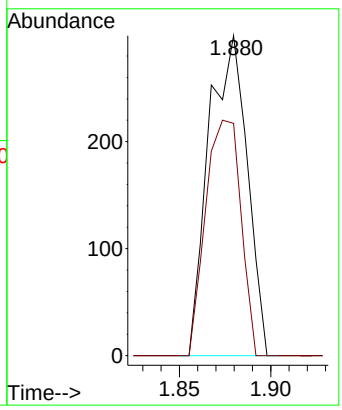


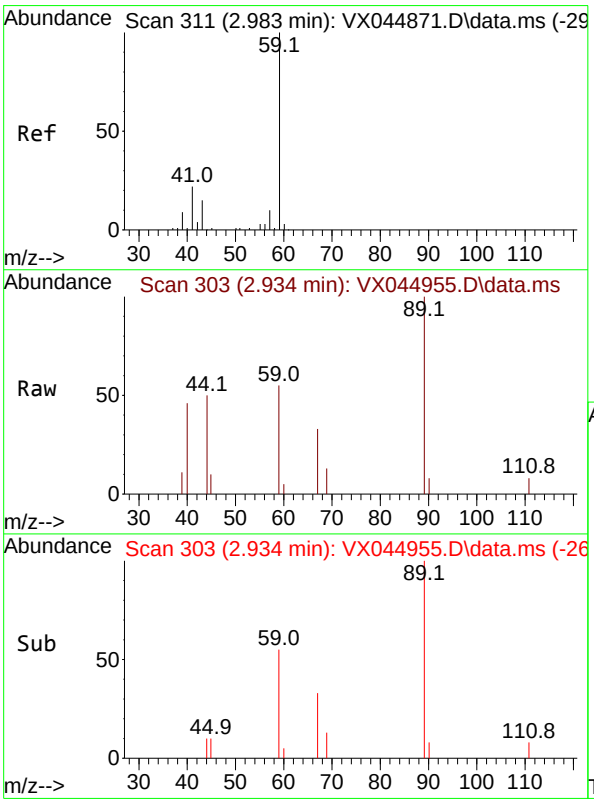
#7
Trichlorofluoromethane
Concen: 0.222 ug/l
RT: 1.880 min Scan# 1
Delta R.T. 0.007 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion:101 Resp: 437

Ion	Ratio	Lower	Upper
101	100		
103	72.6	52.4	78.6

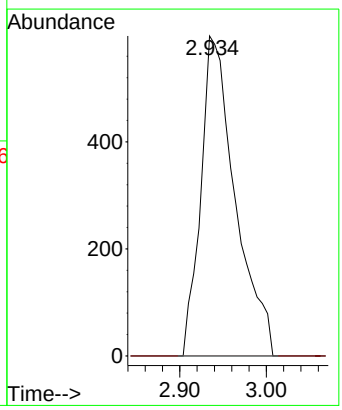


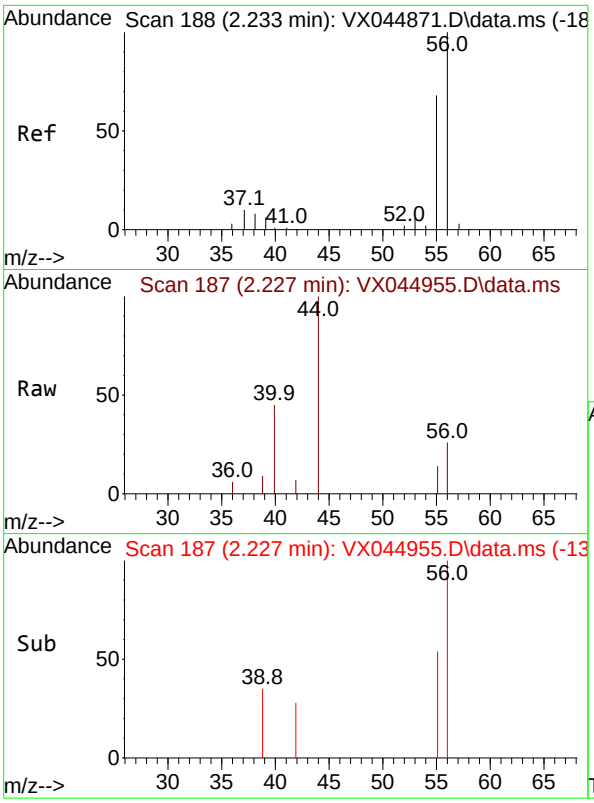


#11
Tert butyl alcohol
Concen: 6.475 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.048 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Tgt Ion: 59 Resp: 1656

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.1	12.1#



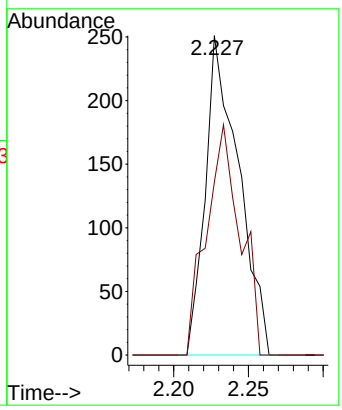


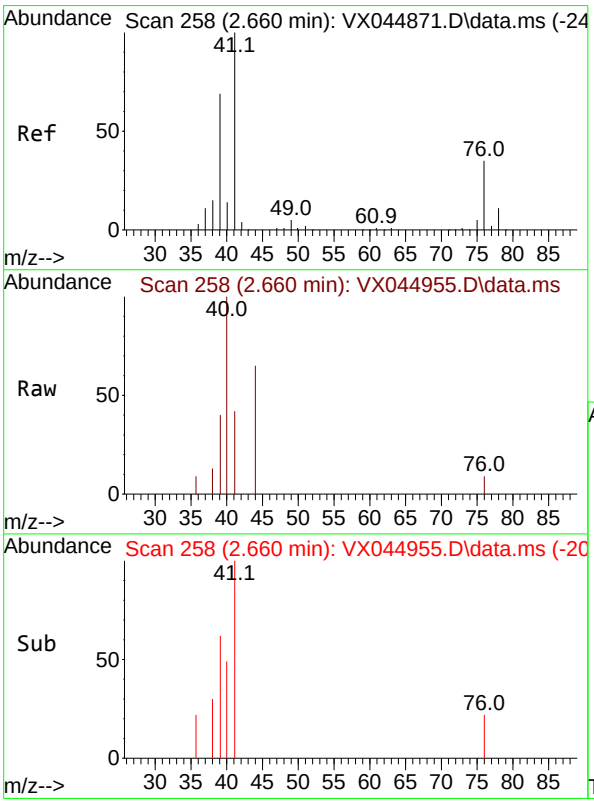
#13
Acrolein
Concen: 1.471 ug/l
RT: 2.227 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 56 Resp: 388

Ion	Ratio	Lower	Upper
56	100		
55	73.5	55.7	83.5

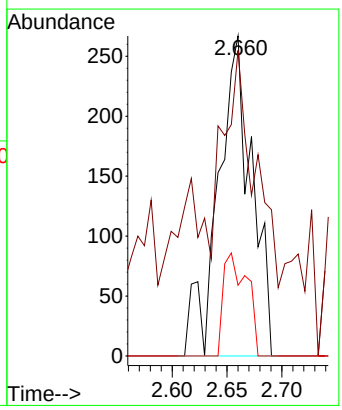


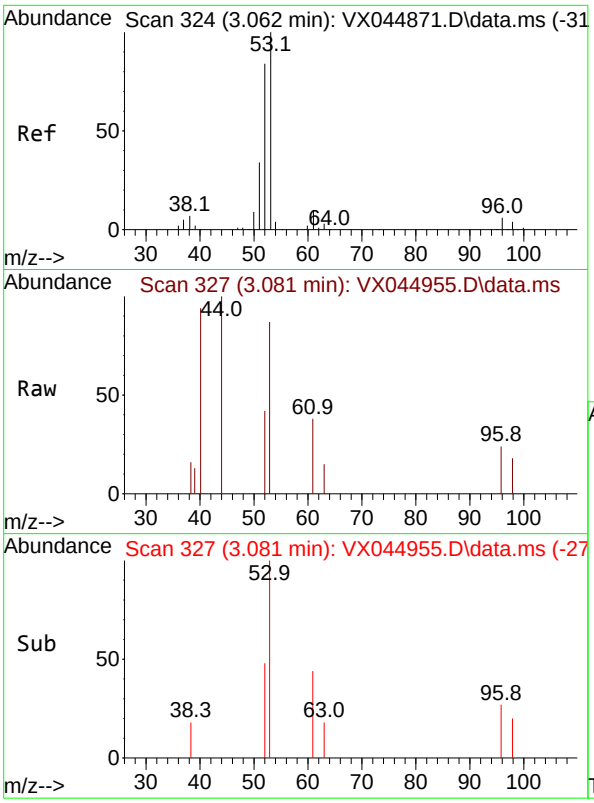


#14
Allyl chloride
Concen: 0.261 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Tgt Ion: 41 Resp: 572

Ion	Ratio	Lower	Upper
41	100		
39	54.9	51.4	77.2
76	22.4	27.0	40.4#



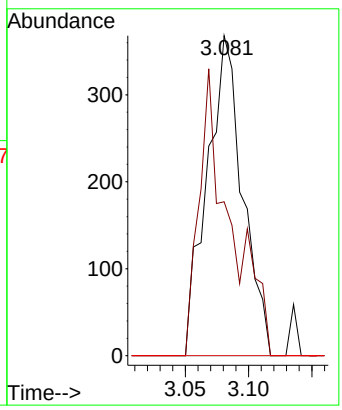


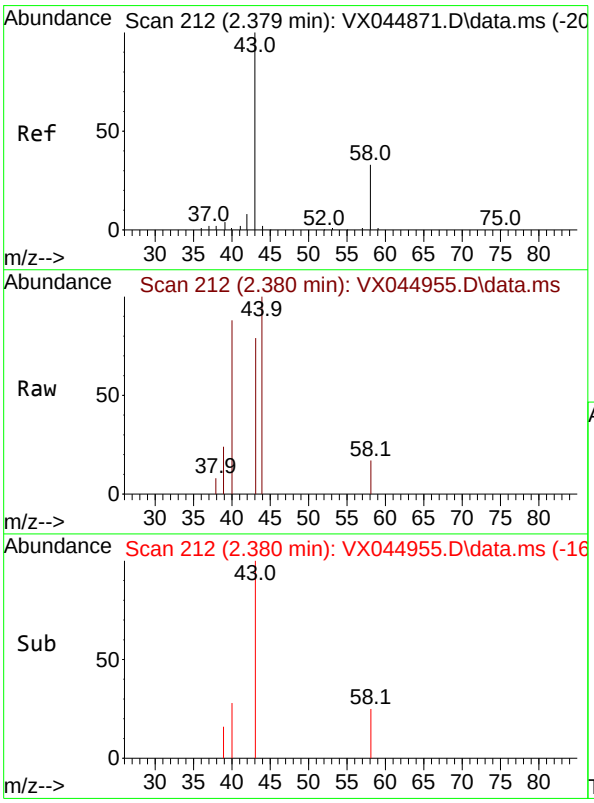
#15
Acrylonitrile
Concen: 1.050 ug/l
RT: 3.081 min Scan# 3
Delta R.T. 0.019 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 53 Resp: 717

Ion	Ratio	Lower	Upper
53	100		
52	79.2	65.0	97.6
51	0.0	28.0	42.0#

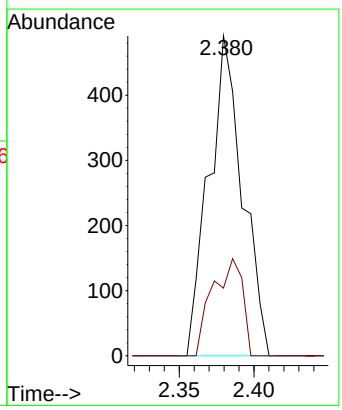


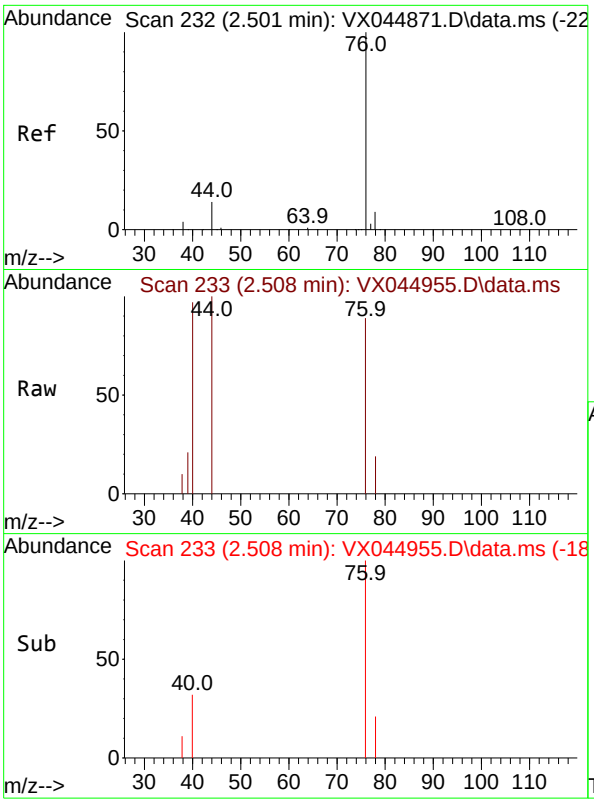


#16
Acetone
Concen: 1.384 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Tgt Ion: 43 Resp: 767

Ion	Ratio	Lower	Upper
43	100		
58	21.2	26.5	39.7#



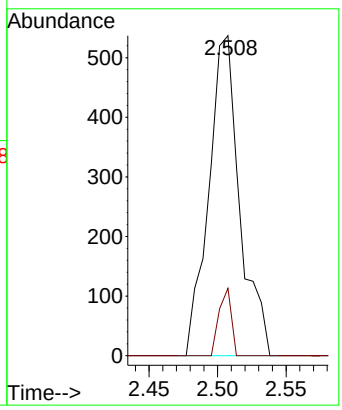


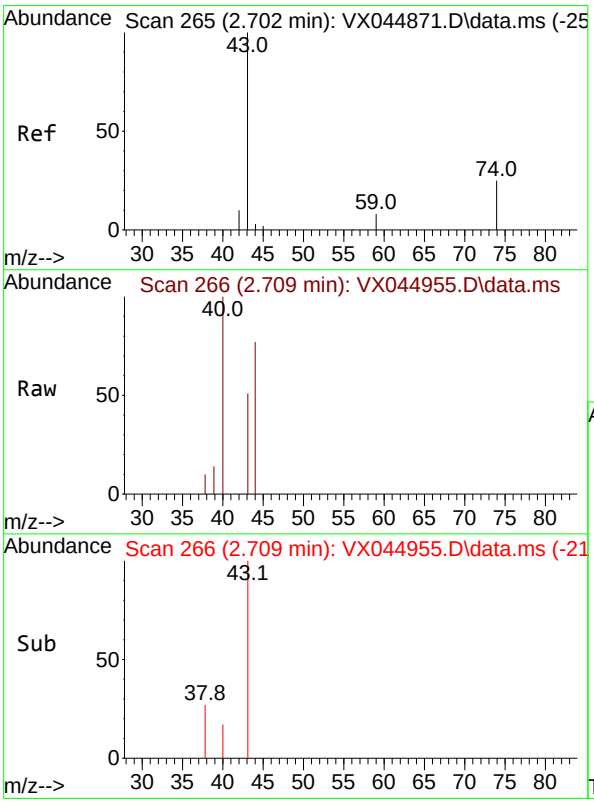
#17
Carbon Disulfide
Concen: 0.254 ug/l
RT: 2.508 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 76 Resp: 847

Ion	Ratio	Lower	Upper
76	100		
78	21.0	7.0	10.4#

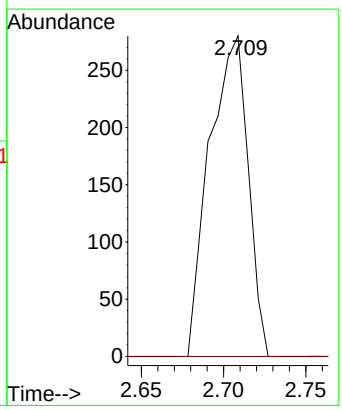


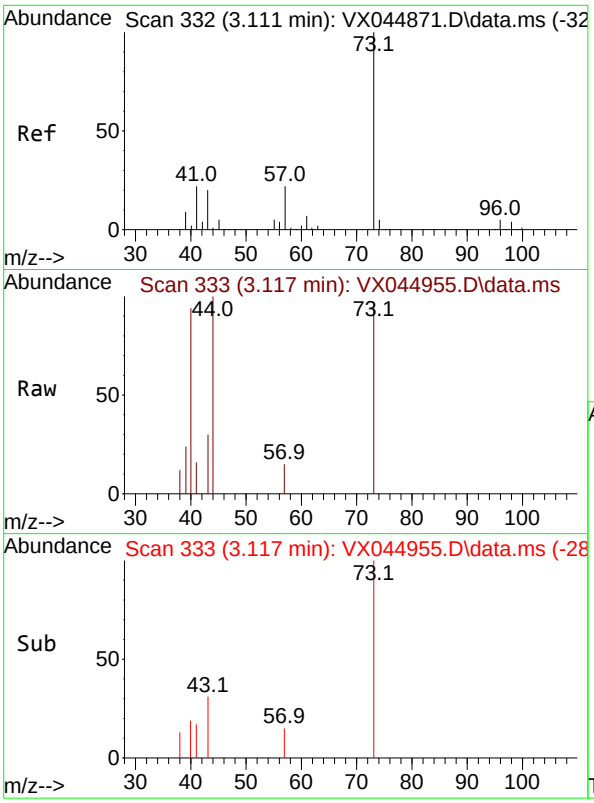


#18
Methyl Acetate
Concen: 0.261 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Tgt Ion: 43 Resp: 457

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.9	28.3#



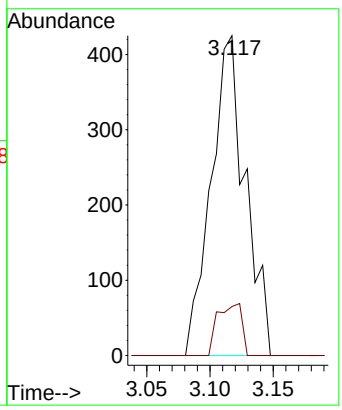


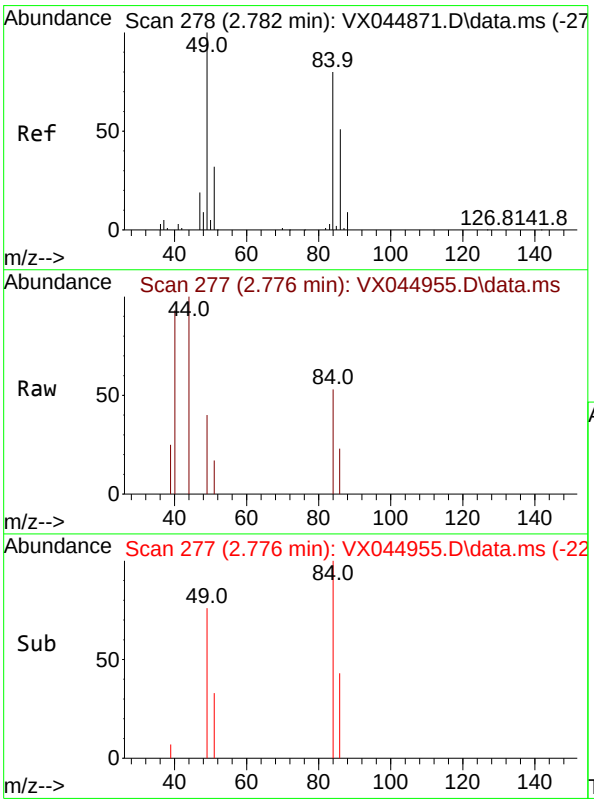
#19
Methyl tert-butyl Ether
Concen: 0.207 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 73 Resp: 801

Ion	Ratio	Lower	Upper
73	100		
57	15.3	17.9	26.9#

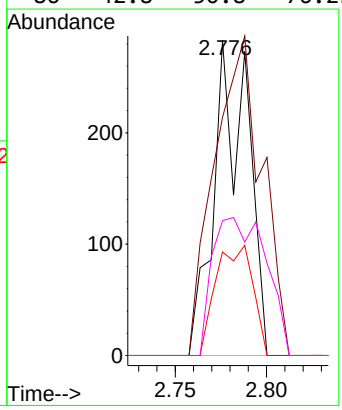


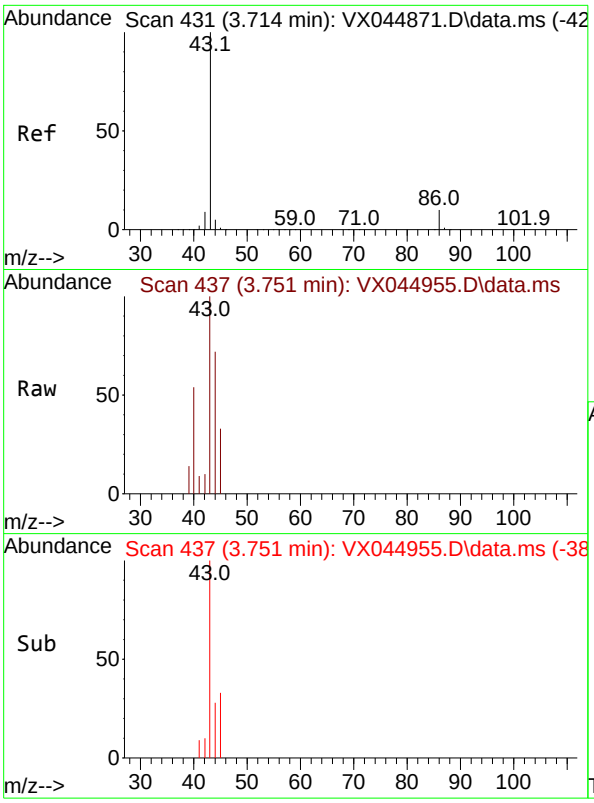


#20
Methylene Chloride
Concen: 0.268 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.006 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Tgt Ion: 84 Resp: 364

Ion	Ratio	Lower	Upper
84	100		
49	75.6	100.1	150.1#
51	32.9	31.7	47.5
86	42.8	50.8	76.2#



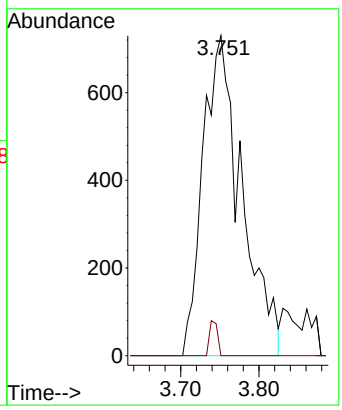


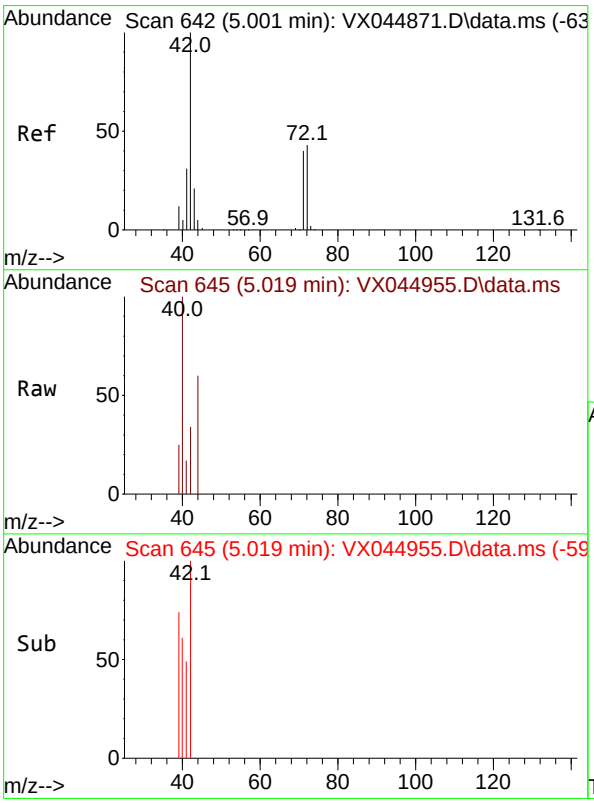
#23
Vinyl Acetate
Concen: 0.740 ug/l
RT: 3.751 min Scan# 4
Delta R.T. 0.037 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 43 Resp: 2504

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.3	12.5#

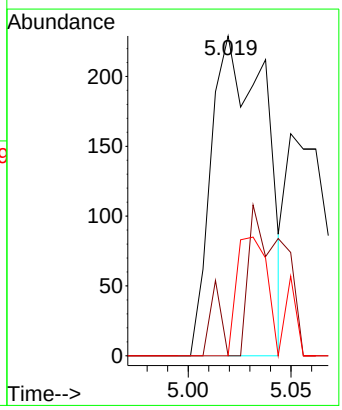


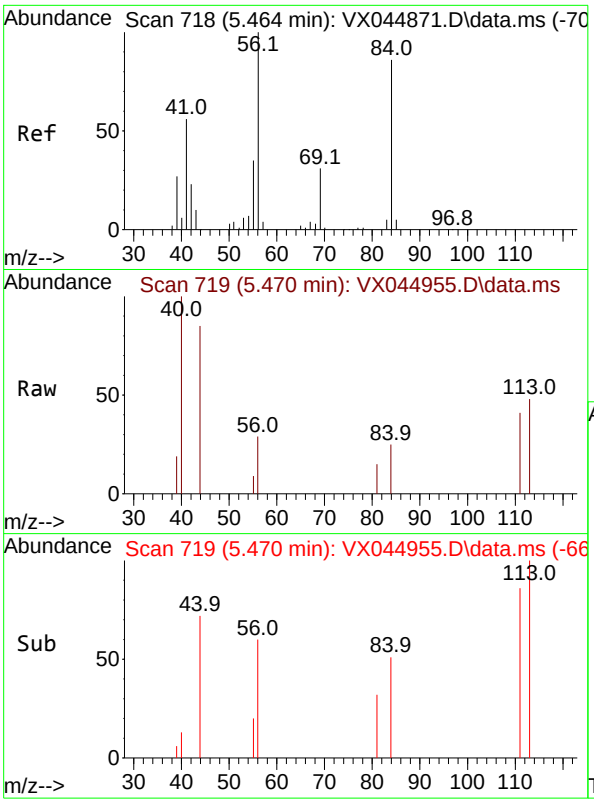


#29
Tetrahydrofuran
Concen: 0.705 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.019 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Tgt Ion: 42 Resp: 421

Ion	Ratio	Lower	Upper
42	100		
72	4.8	35.0	52.4#
71	0.0	32.6	48.8#



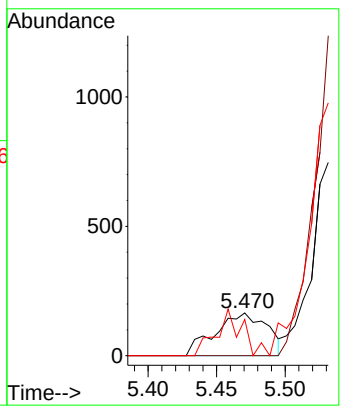


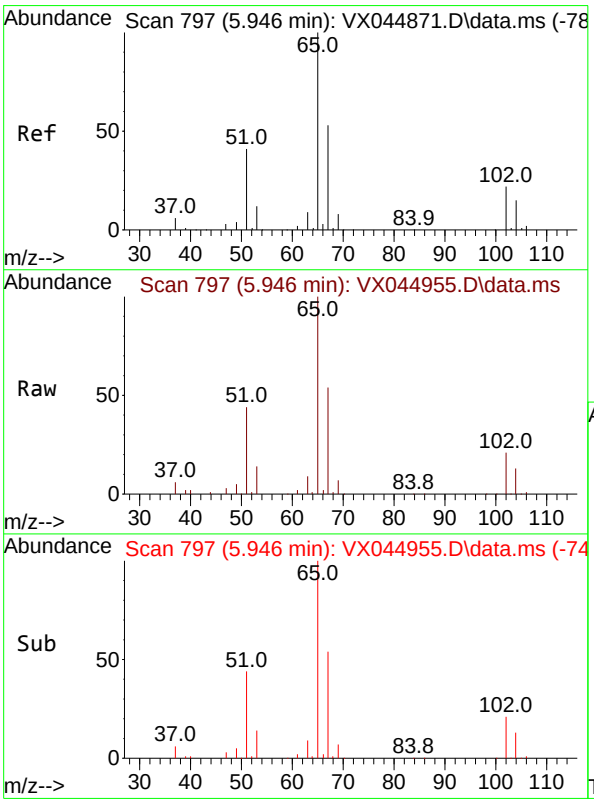
#31
Cyclohexane
Concen: 0.203 ug/l
RT: 5.470 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 56 Resp: 435

Ion	Ratio	Lower	Upper
56	100		
69	0.0	24.4	36.6#
84	84.8	69.0	103.6

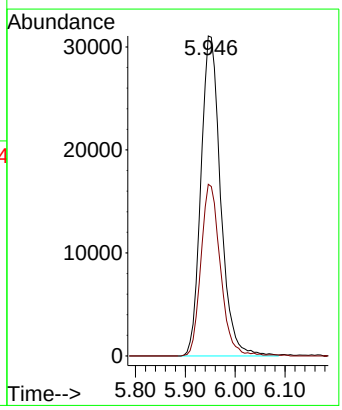


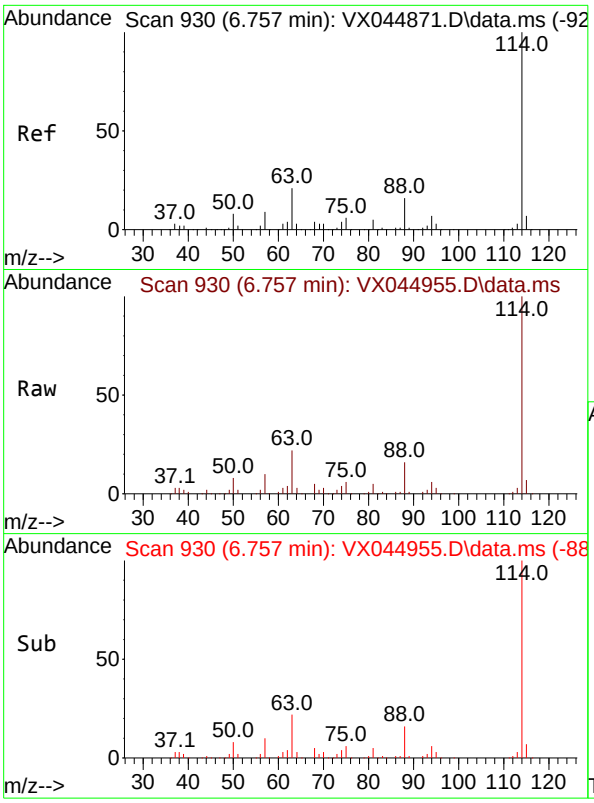


#33
1,2-Dichloroethane-d4
Concen: 61.791 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Tgt Ion: 65 Resp: 85180

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	108.2



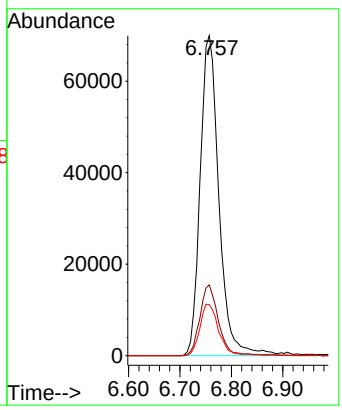


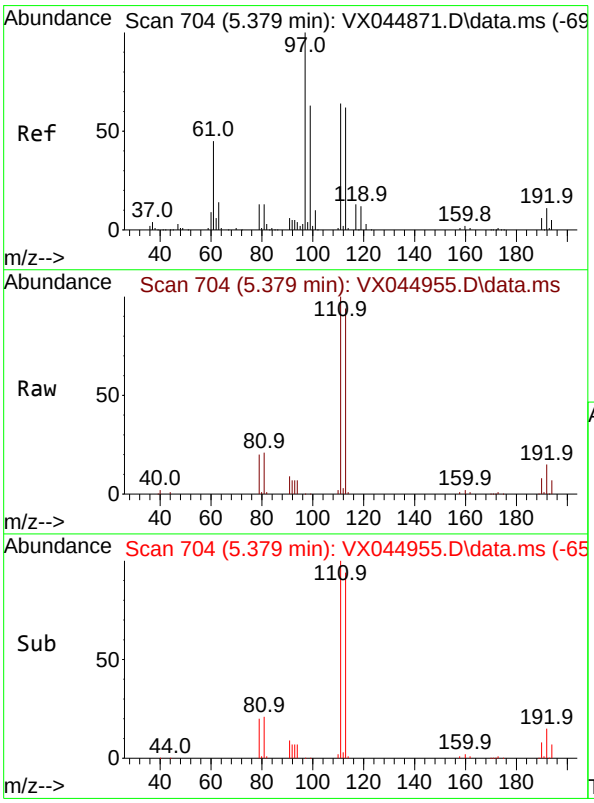
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion:114 Resp: 177149

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	42.4
88	16.0	0.0	31.4

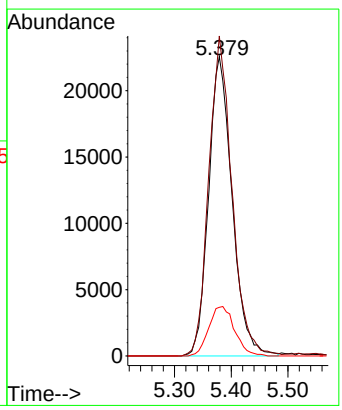


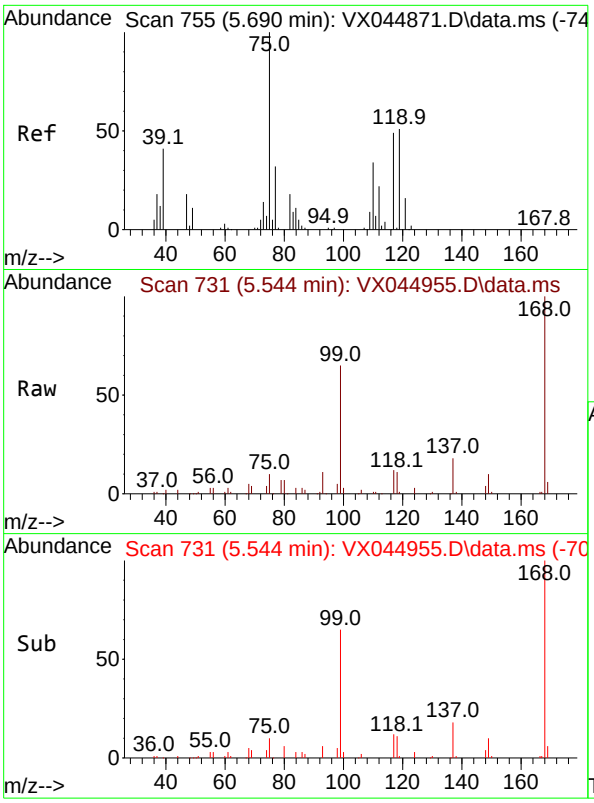


#35
Dibromofluoromethane
Concen: 56.445 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Tgt Ion:113 Resp: 65011

Ion	Ratio	Lower	Upper
113	100		
111	105.3	83.5	125.3
192	18.1	14.4	21.6



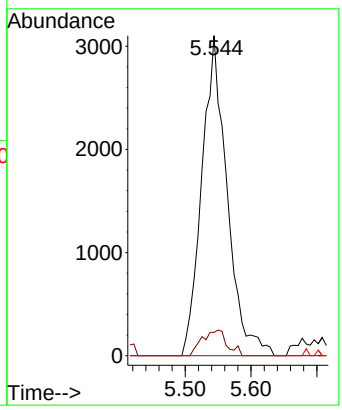


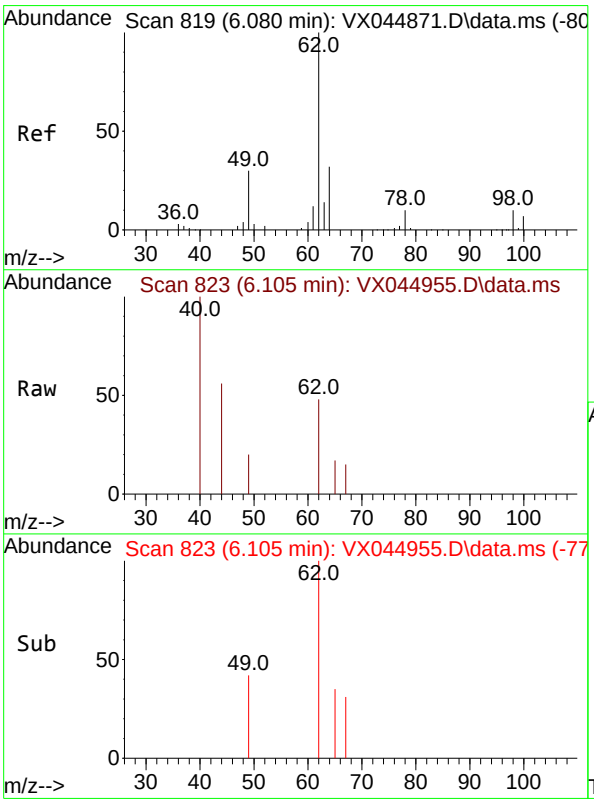
#36
1,1-Dichloropropene
Concen: 4.994 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.146 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 75 Resp: 8298

Ion	Ratio	Lower	Upper
75	100		
110	7.8	17.2	51.6#
77	0.0	24.6	37.0#

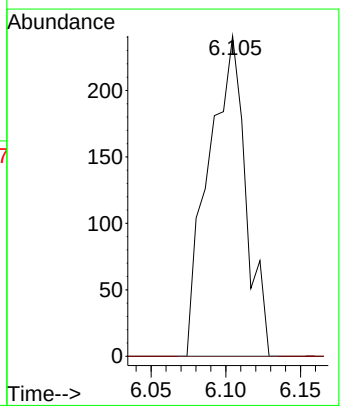


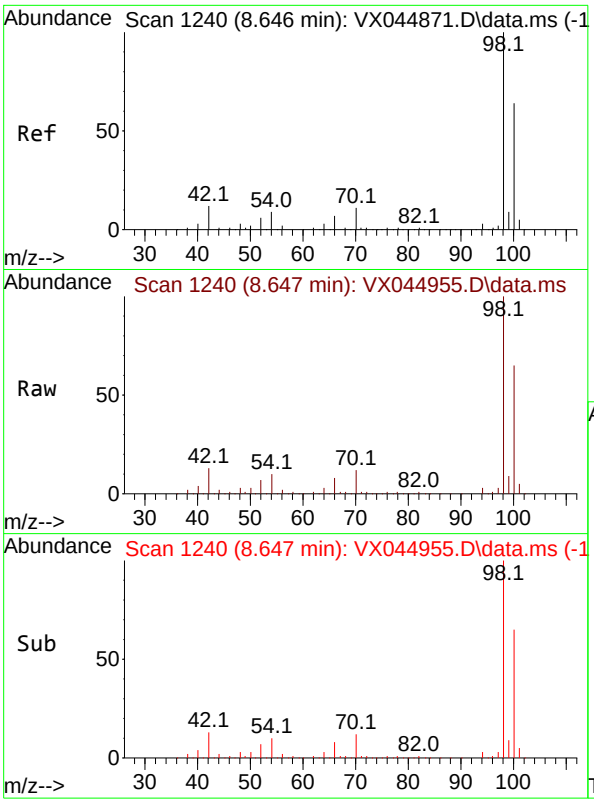


#42
1,2-Dichloroethane
Concen: 0.252 ug/l
RT: 6.105 min Scan# 823
Delta R.T. 0.025 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Tgt Ion: 62 Resp: 416

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	19.4



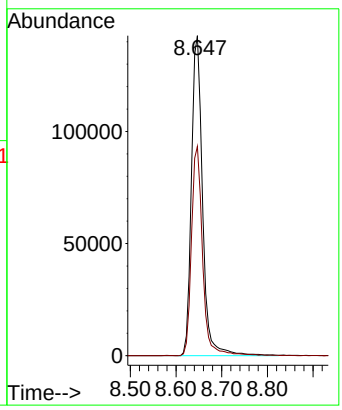


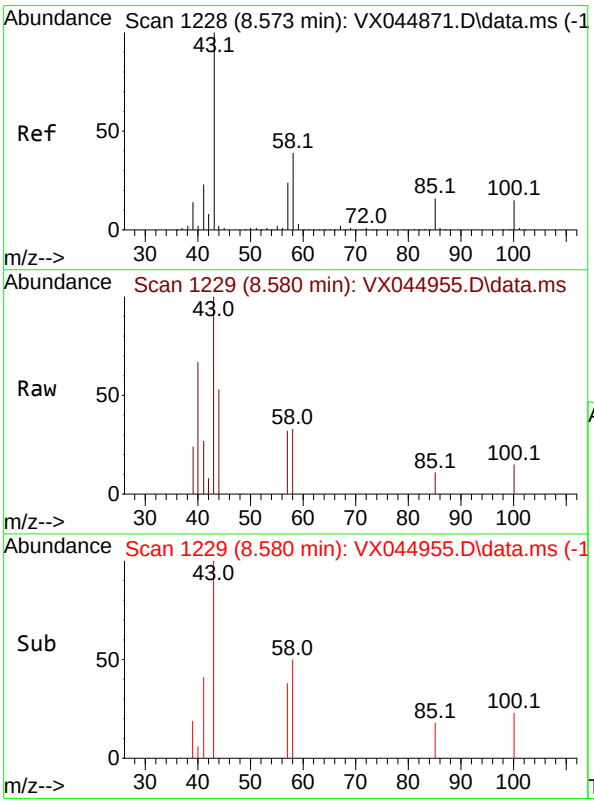
#50
Toluene-d8
Concen: 55.387 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 98 Resp: 241226

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.7	79.1

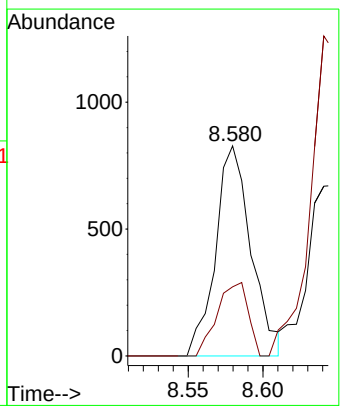


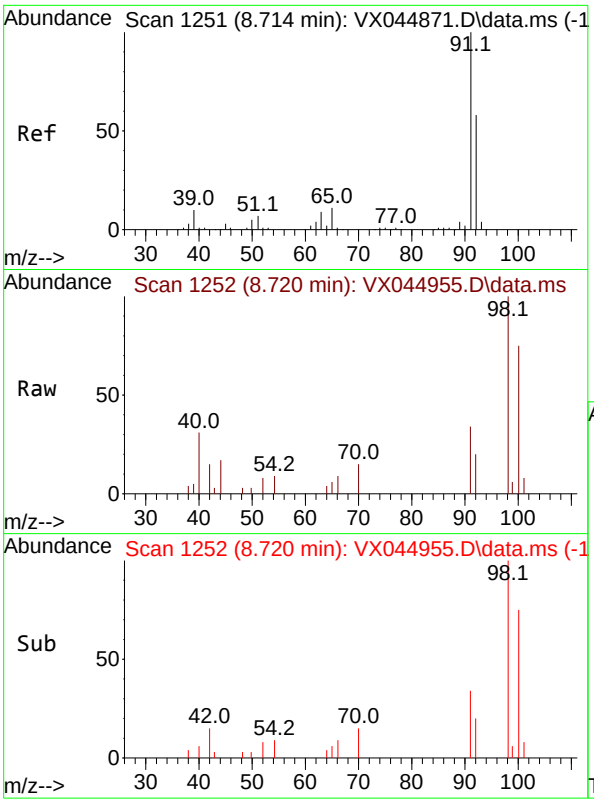


#51
4-Methyl-2-Pentanone
Concen: 0.755 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Tgt Ion: 43 Resp: 1370

Ion	Ratio	Lower	Upper
43	100		
58	30.4	30.8	46.2#



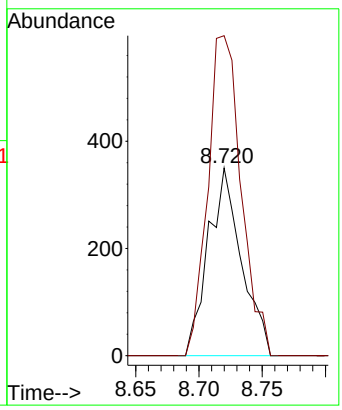


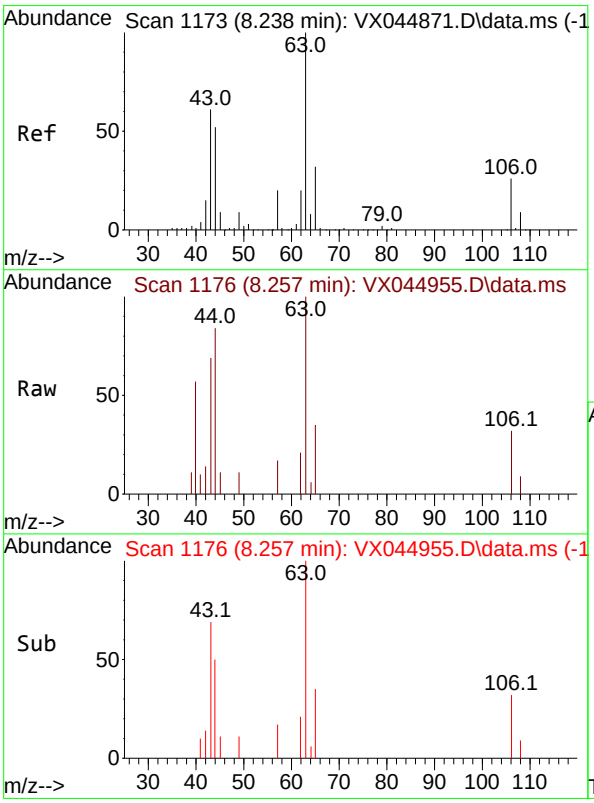
#52
Toluene
Concen: 0.207 ug/l
RT: 8.720 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 92 Resp: 640

Ion	Ratio	Lower	Upper
92	100		
91	171.6	137.4	206.2

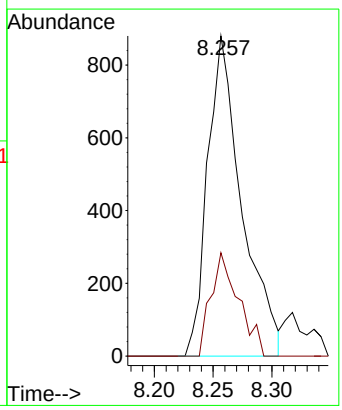


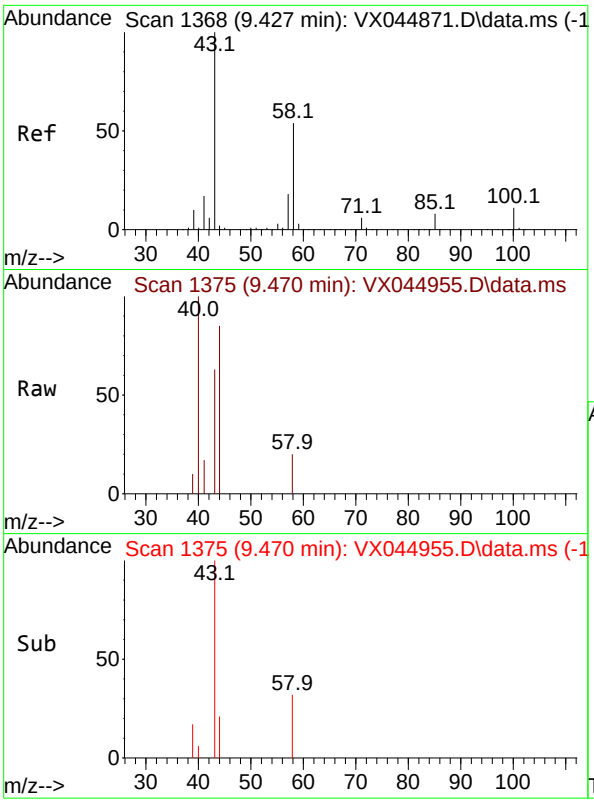


#58
2-Chloroethyl Vinyl ether
Concen: 1.897 ug/l
RT: 8.257 min Scan# 1176
Delta R.T. 0.019 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Tgt Ion: 63 Resp: 1787

Ion	Ratio	Lower	Upper
63	100		
106	26.2	21.3	31.9



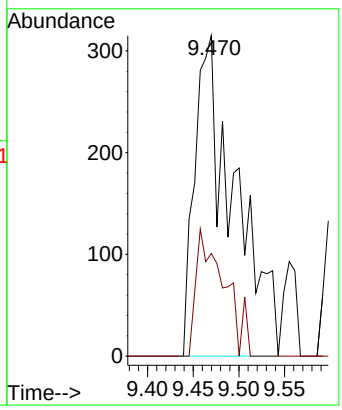


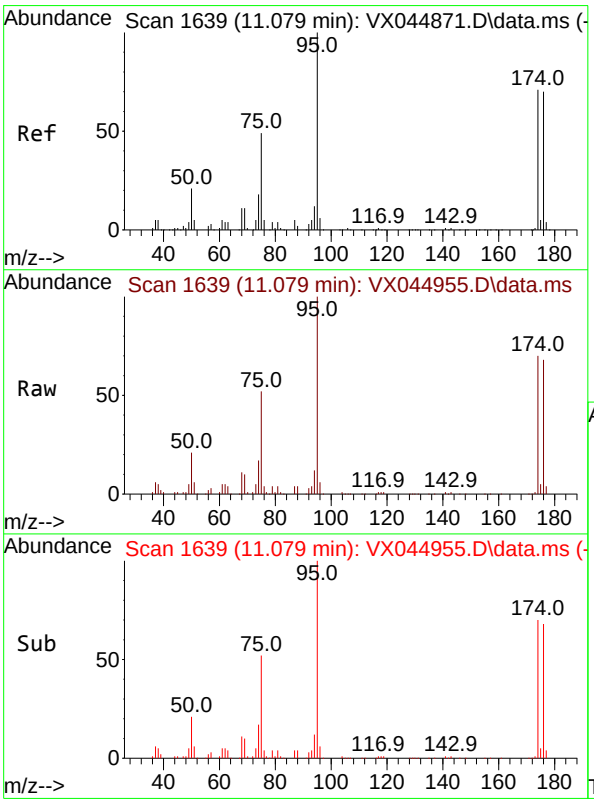
#59
2-Hexanone
Concen: 0.728 ug/l
RT: 9.470 min Scan# 1
Delta R.T. 0.043 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 43 Resp: 952

Ion	Ratio	Lower	Upper
43	100		
58	28.4	27.5	82.4

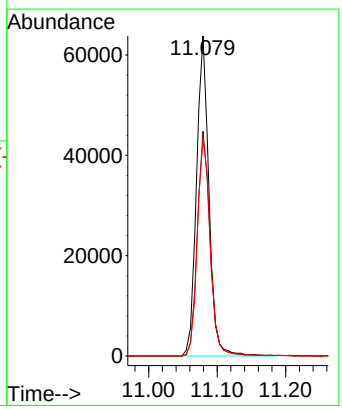


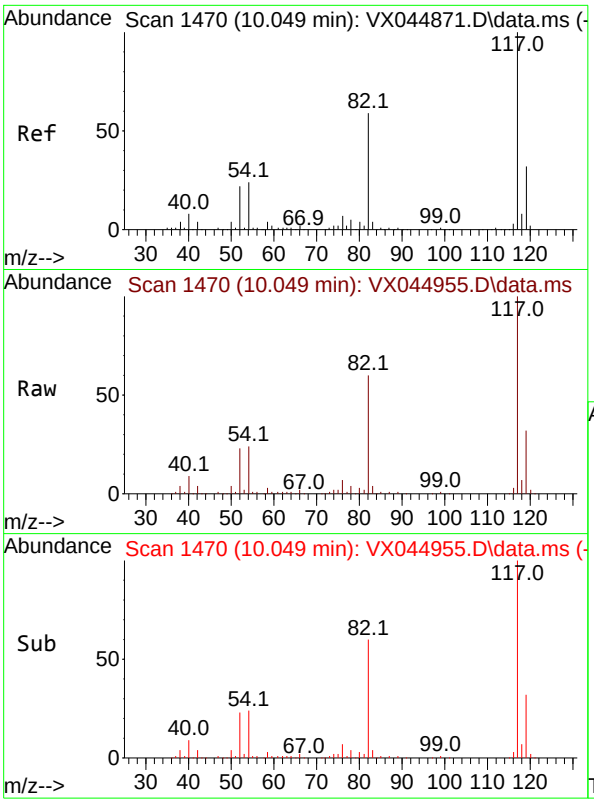


#62
4-Bromofluorobenzene
Concen: 54.995 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Tgt Ion: 95 Resp: 80747

Ion	Ratio	Lower	Upper
95	100		
174	71.8	0.0	142.6
176	70.3	0.0	141.6



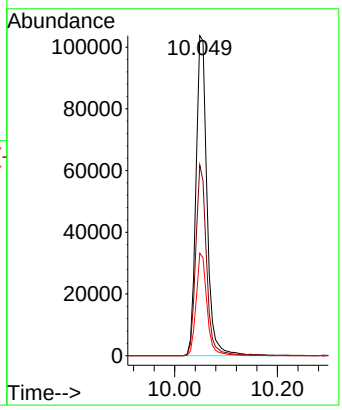


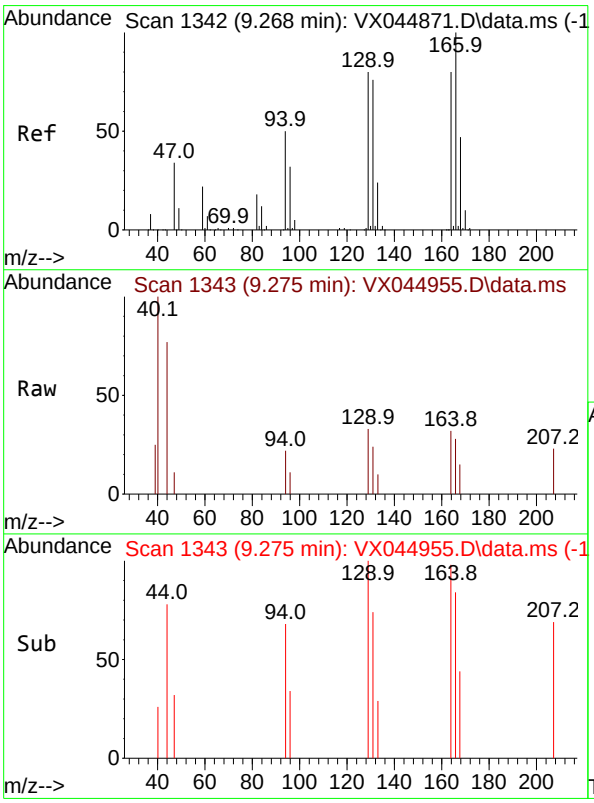
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion:117 Resp: 154748

Ion	Ratio	Lower	Upper
117	100		
82	59.5	47.5	71.3
119	32.0	25.4	38.0

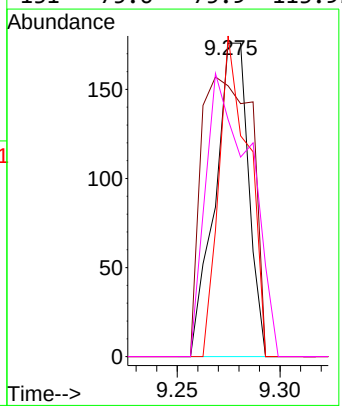


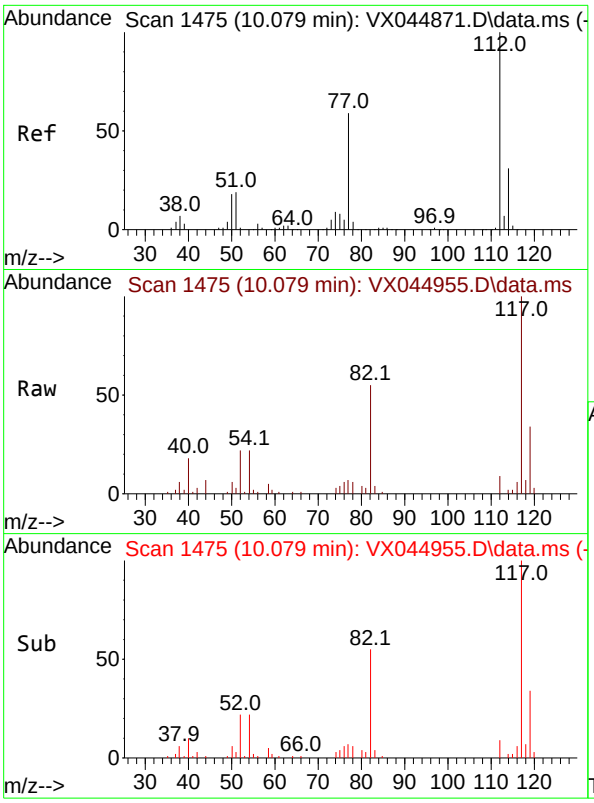


#64
Tetrachloroethene
Concen: 0.205 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Tgt Ion:164 Resp: 200

Ion	Ratio	Lower	Upper
164	100		
166	86.4	100.4	150.6#
129	102.3	79.9	119.9
131	75.6	75.9	113.9#



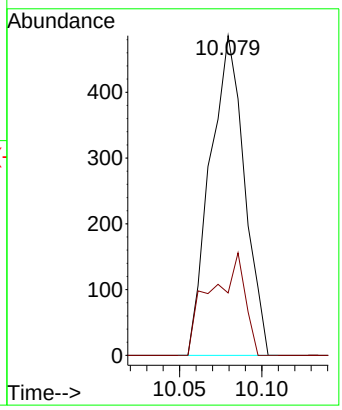


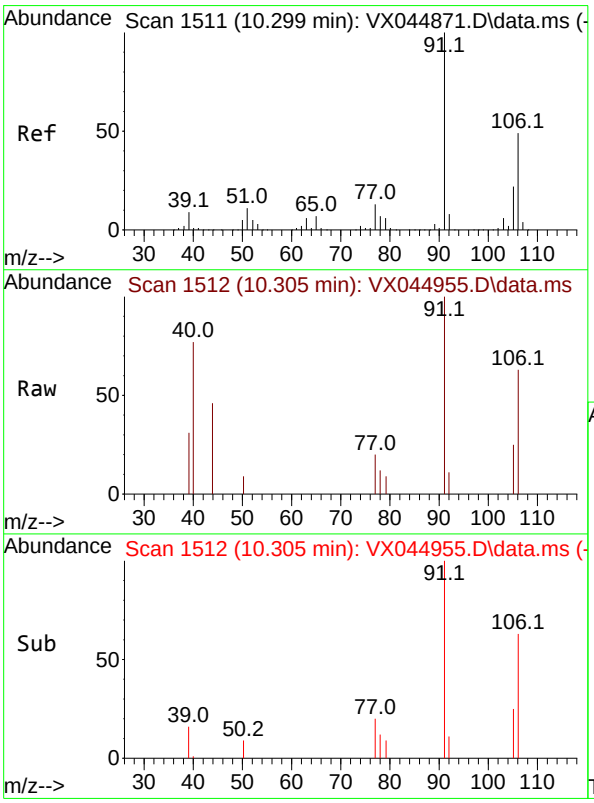
#65
Chlorobenzene
Concen: 0.212 ug/l
RT: 10.079 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion:112 Resp: 705

Ion	Ratio	Lower	Upper
112	100		
114	19.5	25.0	37.6#

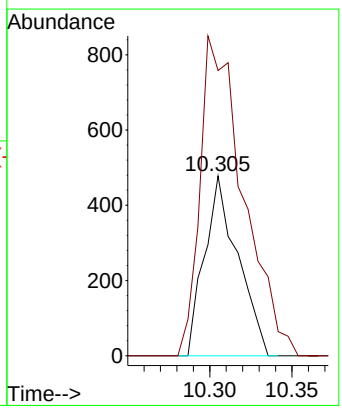


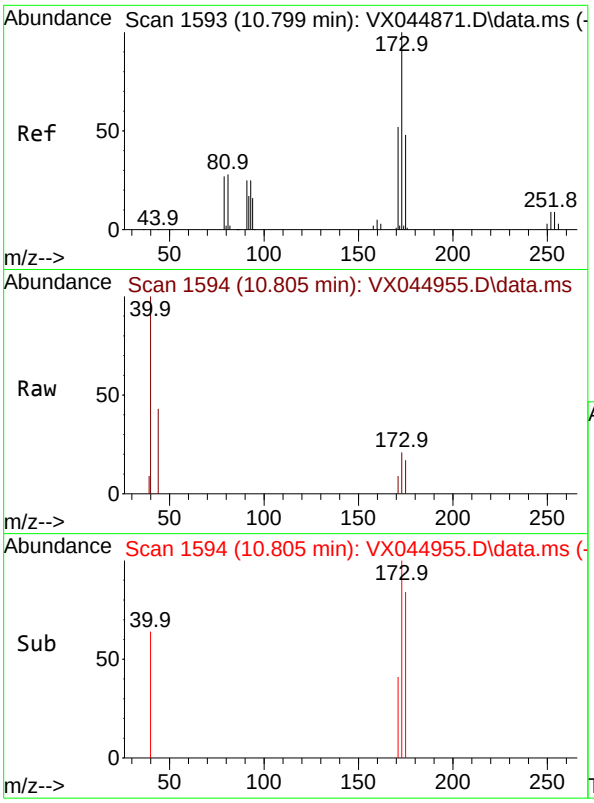


#68
m/p-Xylenes
Concen: 0.310 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Tgt Ion:106 Resp: 671

Ion	Ratio	Lower	Upper
106	100		
91	231.3	164.3	246.5



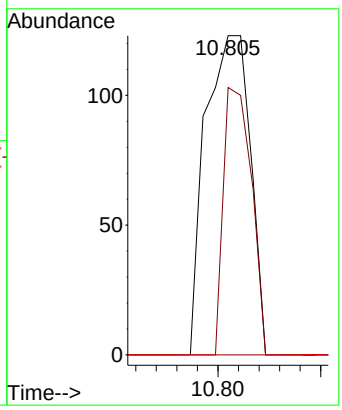


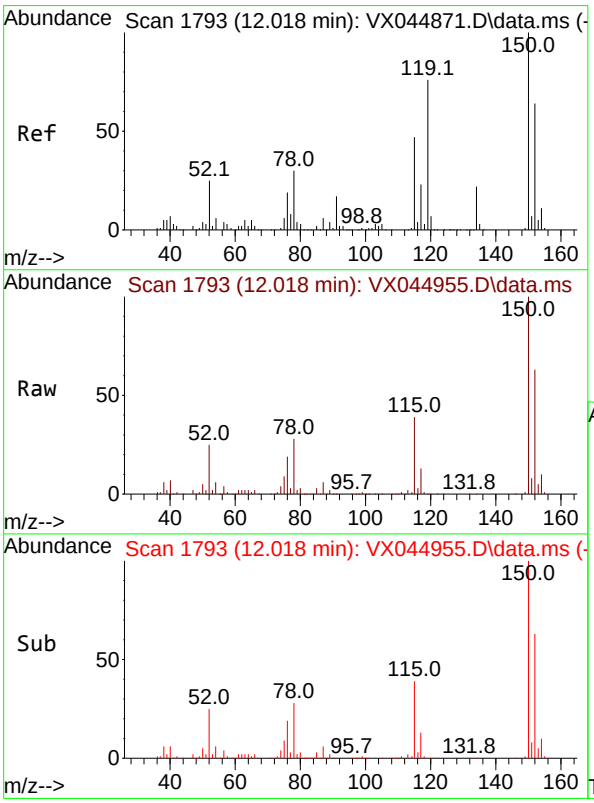
#71
Bromoform
Concen: 0.233 ug/l
RT: 10.805 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion:173 Resp: 186

Ion	Ratio	Lower	Upper
173	100		
175	52.7	24.3	72.8
254	0.0	0.0	0.0

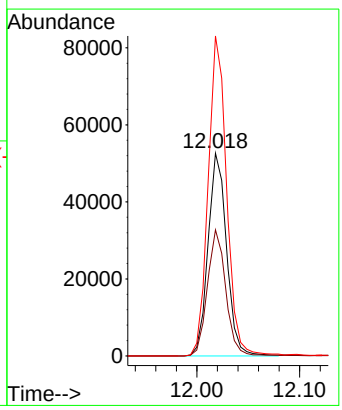


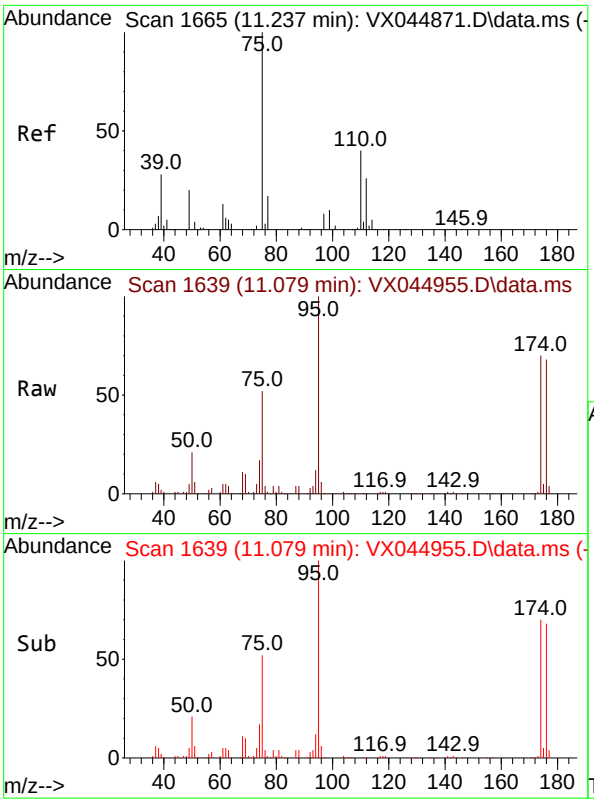


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Tgt Ion:152 Resp: 66049

Ion	Ratio	Lower	Upper
152	100		
115	61.9	43.4	130.1
150	156.9	0.0	350.4



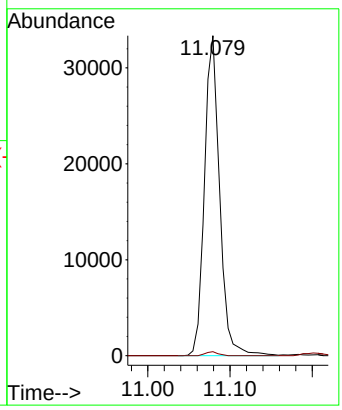


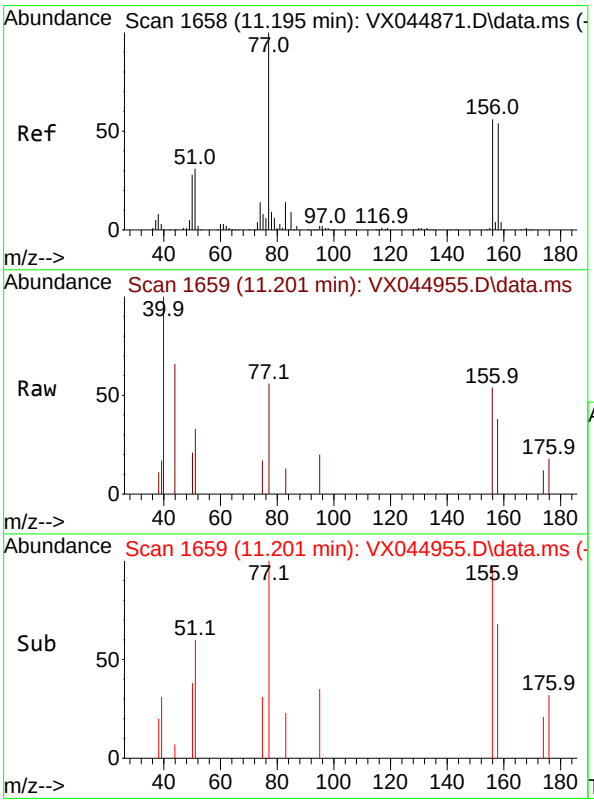
#76
1,2,3-Trichloropropane
Concen: 29.262 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.158 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 75 Resp: 42852

Ion	Ratio	Lower	Upper
75	100		
77	1.0	21.9	65.7#

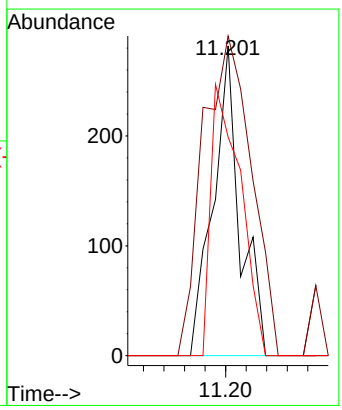


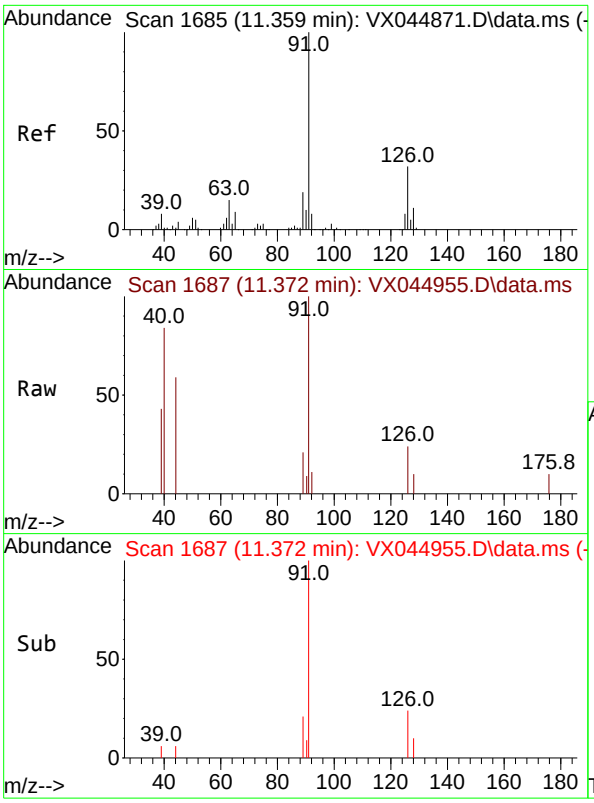


#77
Bromobenzene
Concen: 0.212 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Tgt Ion:156 Resp: 256

Ion	Ratio	Lower	Upper
156	100		
77	185.9	88.4	265.3
158	96.9	48.4	145.2



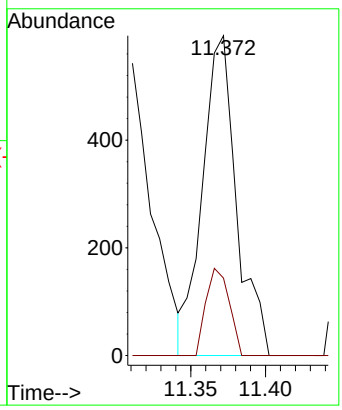


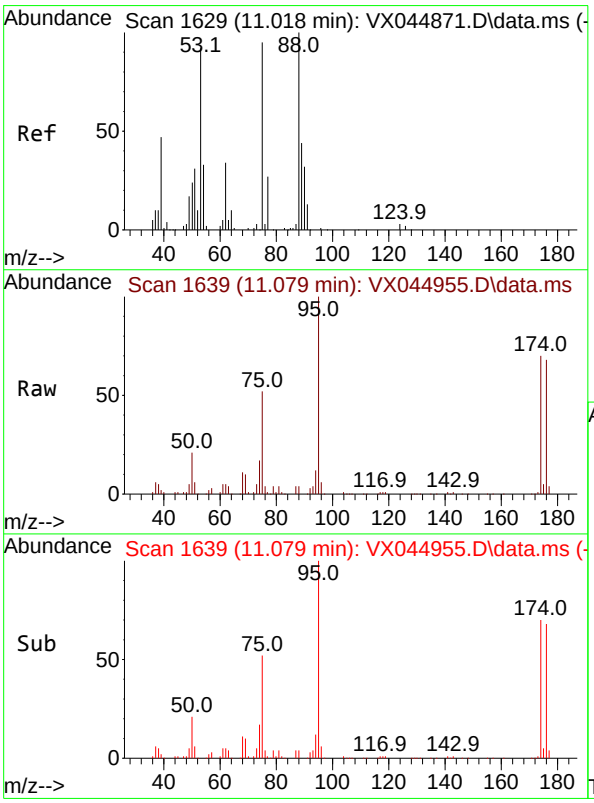
#79
2-Chlorotoluene
Concen: 0.249 ug/l
RT: 11.372 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 91 Resp: 941

Ion	Ratio	Lower	Upper
91	100		
126	18.5	16.2	48.6

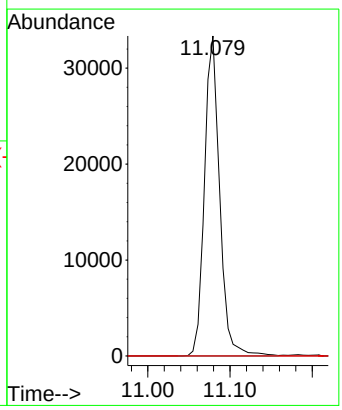


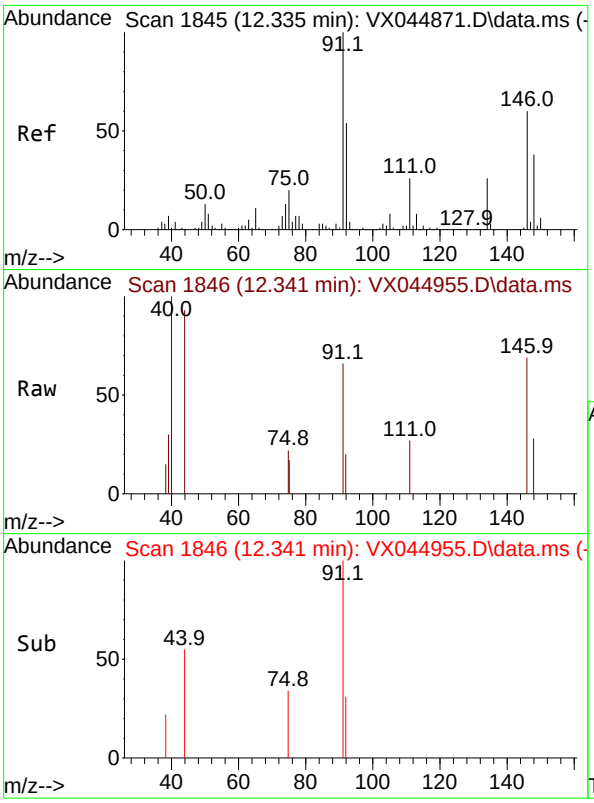


#81
trans-1,4-Dichloro-2-butene
Concen: 75.274 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Tgt Ion: 75 Resp: 42852

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.0	117.0#
89	0.0	36.6	54.8#





#91
1,2-Dichlorobenzene
Concen: 0.206 ug/l
RT: 12.341 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044955.D
Acq: 14 Feb 2025 12:48

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion:146 Resp: 448

Ion	Ratio	Lower	Upper
146	100		
111	36.8	21.8	65.4
148	51.1	31.9	95.9