Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032825\
Data File : VX045507.D
Acq On : 28 Mar 2025 15:41
Operator : JC/MD
Sample : Q1546-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2025-01

Quant Time: Mar 31 10:22:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM032825WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 28 14:43:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	144261	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	127773	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	52939	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	53700	49.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 99.56%			
7) Chloroethane-d5	1.648	69	44098m	62.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 124.80%			
11) 1,1-Dichloroethene-d2	2.300	65	29427	52.35	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.70%			
21) 2-Butanone-d5	4.452	46	89043	124.07	ug/L	-0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 124.07%			
24) Chloroform-d	5.050	84	124185	51.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.74%			
26) 1,2-Dichloroethane-d4	5.952	65	87806	52.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.86%			
32) Benzene-d6	5.964	84	229104	55.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.62%			
36) 1,2-Dichloropropane-d6	7.305	67	74717	56.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 112.02%			
41) Toluene-d8	8.647	98	200009	53.47	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.94%			
43) trans-1,3-Dichloroprop...	8.945	79	28325	51.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.42%			
47) 2-Hexanone-d5	9.384	63	61404	120.69	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 120.69%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	98860	55.83	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 111.66%			
66) 1,2-Dichlorobenzene-d4	12.317	152	65473	58.18	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 116.36%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	3567m	2.31	ug/L	
3) Chloromethane	1.307	50	3213	2.36	ug/L	88
5) Vinyl chloride	1.374	62	3126	2.47	ug/L	84
6) Bromomethane	1.593	94	1469	2.59	ug/L	77
8) Chloroethane	1.672	64	1646	2.60	ug/L	99
9) Trichlorofluoromethane	1.880	101	4151	2.39	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	3402	3.07	ug/L	87
12) 1,1-Dichloroethene	2.312	96	3079	3.11	ug/L #	1
13) Acetone	2.386	43	3303	4.86	ug/L	86
14) Carbon disulfide	2.508	76	5674	2.23	ug/L	99
15) Methyl Acetate	2.709	43	3388	2.51	ug/L #	88
16) Methylene chloride	2.782	84	2761	2.41	ug/L	88
17) trans-1,2-Dichloroethene	3.087	96	2265	2.29	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	7698	2.24	ug/L #	94
19) 1,1-Dichloroethane	3.605	63	4706	2.28	ug/L	95
20) cis-1,2-Dichloroethene	4.483	96	2708	2.38	ug/L	95
22) 2-Butanone	4.568	43	4317	4.38	ug/L #	61
23) Bromochloromethane	4.903	128	1367m	2.43	ug/L	
27) 1,2-Dichloroethane	6.098	62	4823m	2.60	ug/L	

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032825\
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Operator : JC/MD
Sample : Q1546-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2025-01

Quant Time: Mar 31 10:22:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM032825WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 28 14:43:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
29) Cyclohexane	5.452	56	4497m	2.32	ug/L		
30) 1,1,1-Trichloroethane	5.385	97	4132	2.36	ug/L	#	83
31) Carbon tetrachloride	5.665	117	3347m	2.20	ug/L		
33) Benzene	6.031	78	10056	2.40	ug/L		100
35) Methylcyclohexane	7.373	83	4172m	2.34	ug/L		
37) 1,2-Dichloropropane	7.433	63	2771	2.44	ug/L	#	87
38) Bromodichloromethane	7.824	83	3487	2.23	ug/L		96
39) cis-1,3-Dichloropropene	8.366	75	3997	2.40	ug/L		89
40) 4-Methyl-2-pentanone	8.574	43	9096m	5.23	ug/L		
42) Toluene	8.714	91	9953m	2.31	ug/L		
44) trans-1,3-Dichloropropene	8.982	75	4432m	2.86	ug/L		
45) 1,1,2-Trichloroethane	9.153	97	2502	2.29	ug/L		97
46) Tetrachloroethene	9.275	164	1680	2.20	ug/L		94
48) 2-Hexanone	9.390	43	9290m	7.08	ug/L		
49) Dibromochloromethane	9.518	129	2546	2.34	ug/L		95
50) 1,2-Dibromoethane	9.610	107	2718	2.39	ug/L	#	80
51) Chlorobenzene	10.079	112	6277	2.33	ug/L		95
52) Ethylbenzene	10.195	91	10636	2.20	ug/L		98
53) m,p-Xylene	10.305	106	3844m	2.19	ug/L		
54) o-Xylene	10.640	106	3894	2.26	ug/L		81
55) Styrene	10.659	104	5810	2.01	ug/L		95
57) 1,1,2,2-Tetrachloroethane	11.213	83	4726	2.75	ug/L		98
59) Bromoform	10.799	173	1431	2.14	ug/L	#	94
60) Isopropylbenzene	10.963	105	9860	2.28	ug/L		95
61) 1,2,3-Trichloropropane	11.238	75	3429	2.66	ug/L		96
62) 1,3,5-Trimethylbenzene	11.451	105	7659	2.17	ug/L		98
63) 1,2,4-Trimethylbenzene	11.750	105	7598	2.19	ug/L		97
64) 1,3-Dichlorobenzene	11.969	146	4161	2.37	ug/L		94
65) 1,4-Dichlorobenzene	12.036	146	4517	2.58	ug/L		94
67) 1,2-Dichlorobenzene	12.329	146	4550	2.61	ug/L	#	88
69) 1,3,5-Trichlorobenzene	13.115	180	2589	2.33	ug/L		98
70) 1,2,4-trichlorobenzene	13.591	180	2047m	2.09	ug/L		
71) Naphthalene	13.780	128	7944	2.14	ug/L		97
72) 1,2,3-Trichlorobenzene	13.963	180	2235	2.22	ug/L		94

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032825\
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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
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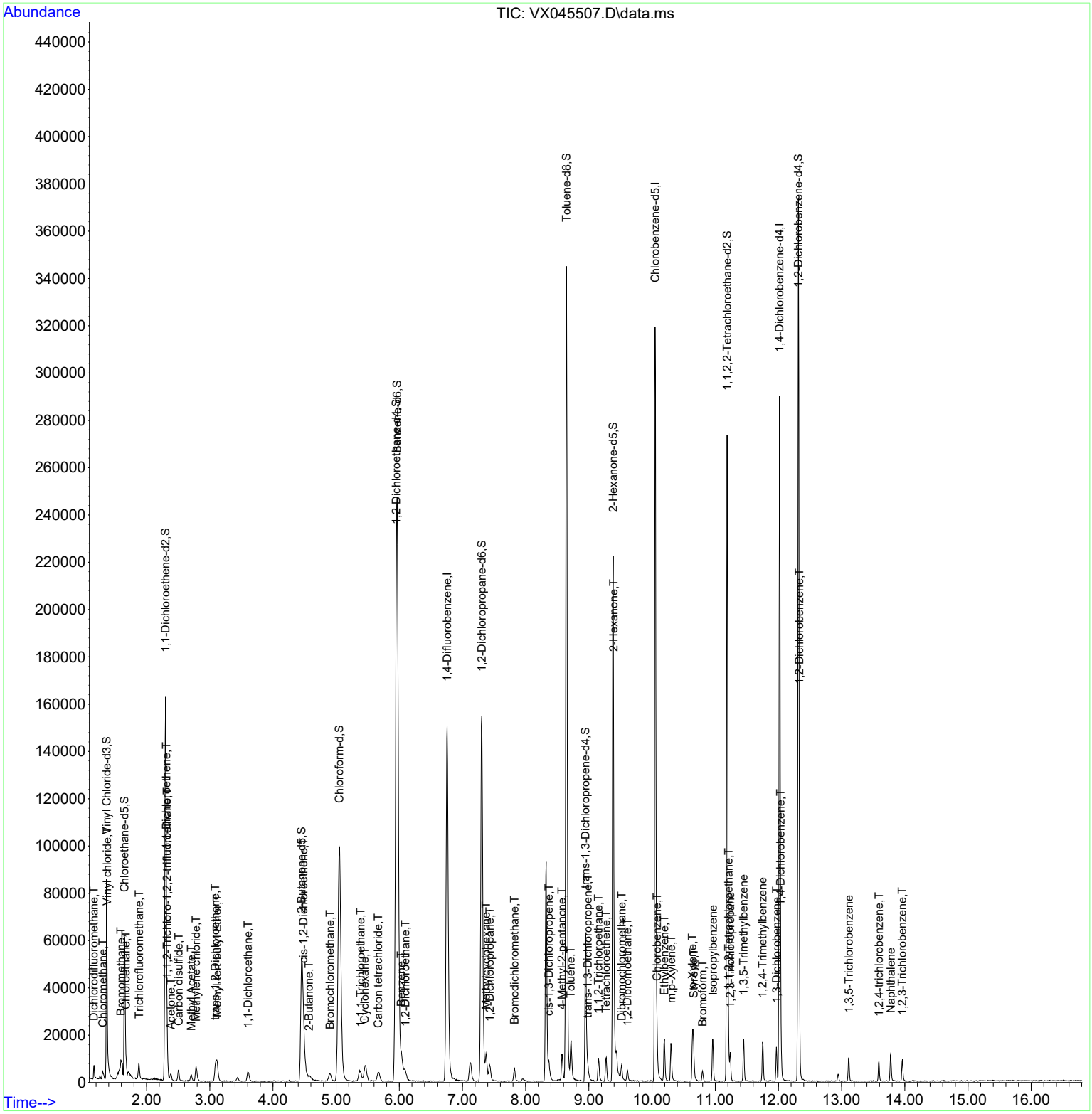
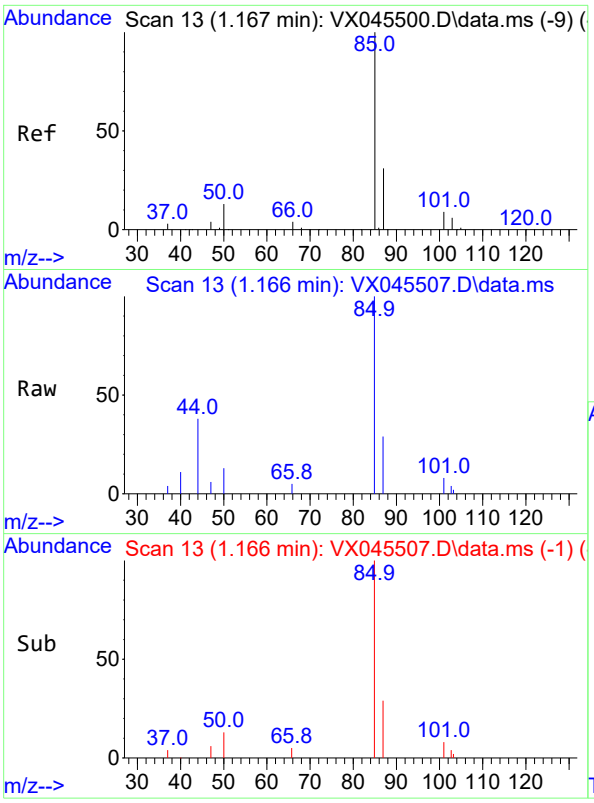
ClientSampleId :
MDL-WATER-QT1-2025-01

Quant Time: Mar 31 10:22:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM032825WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 28 14:43:26 2025
Response via : Initial Calibration



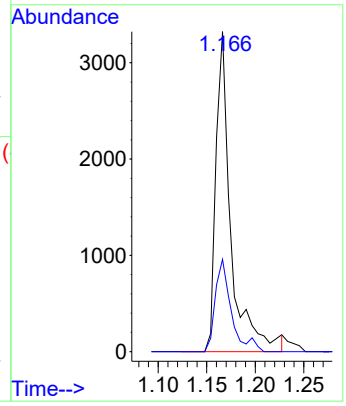


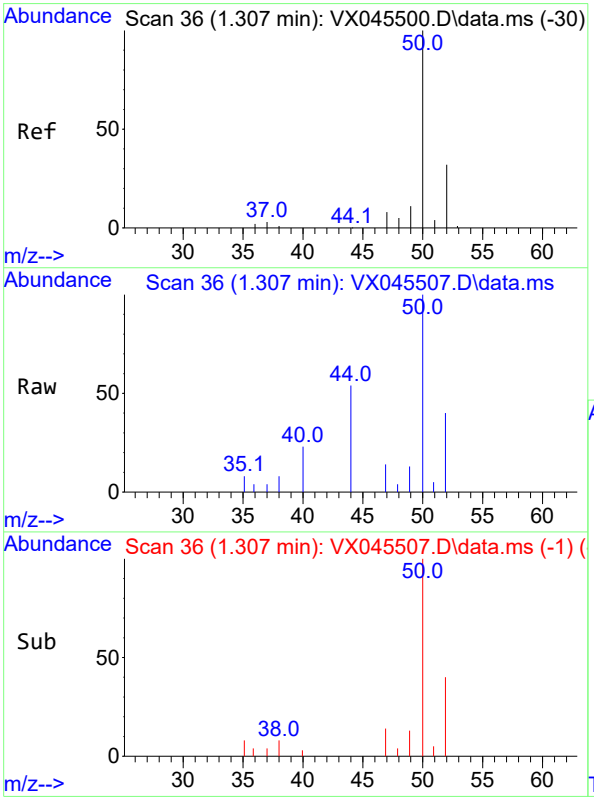
#2
Dichlorodifluoromethane
Concen: 2.31 ug/L m
RT: 1.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2025-01

Tgt Ion: 85 Resp: 3567

Ion	Ratio	Lower	Upper
85	100		
87	28.9	25.9	38.9

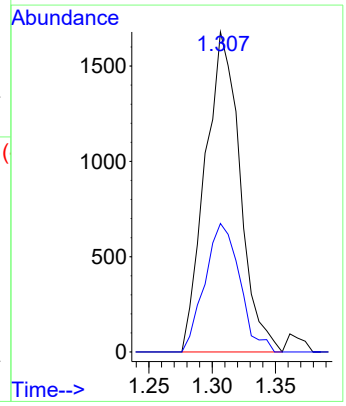


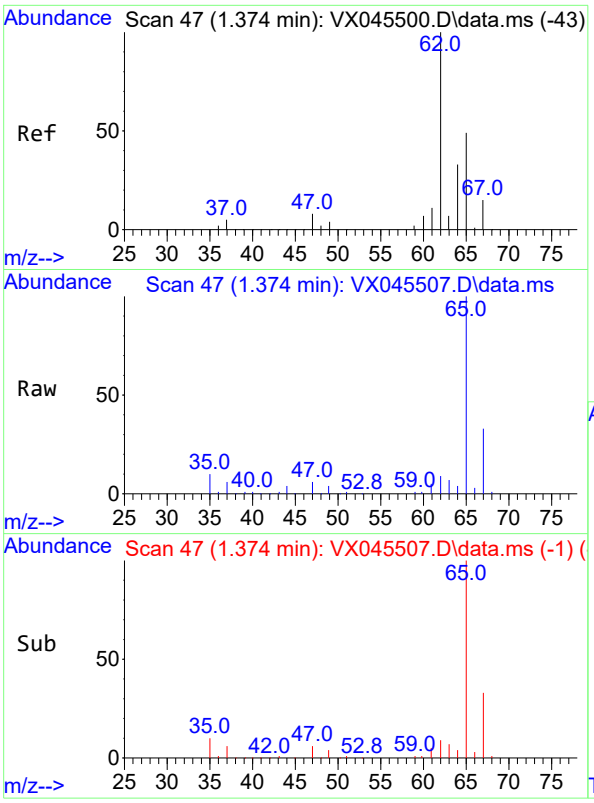


#3
Chloromethane
Concen: 2.36 ug/L
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Tgt Ion: 50 Resp: 3213

Ion	Ratio	Lower	Upper
50	100		
52	40.1	23.3	43.3



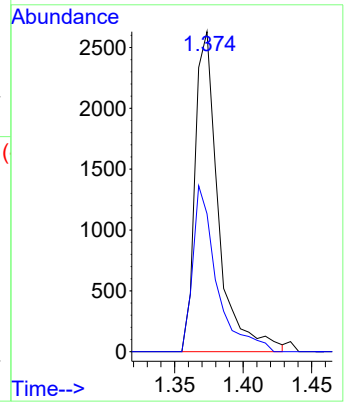


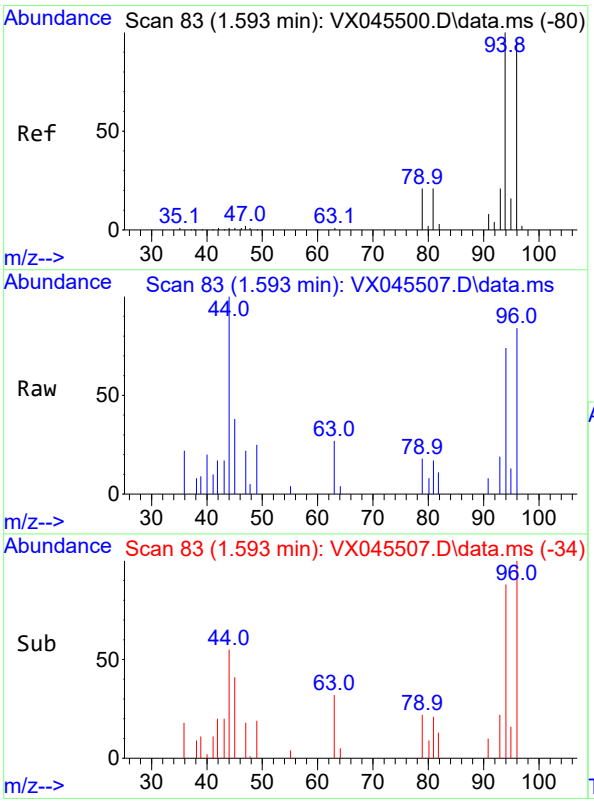
#5
Vinyl chloride
Concen: 2.47 ug/L
RT: 1.374 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2025-01

Tgt Ion: 62 Resp: 3126

Ion	Ratio	Lower	Upper
62	100		
64	43.1	23.7	44.1

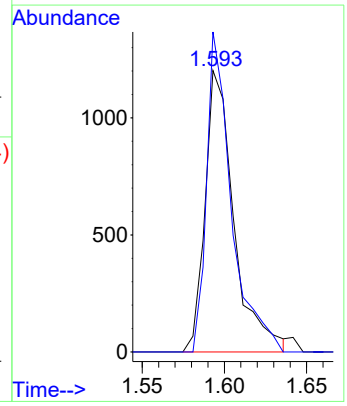


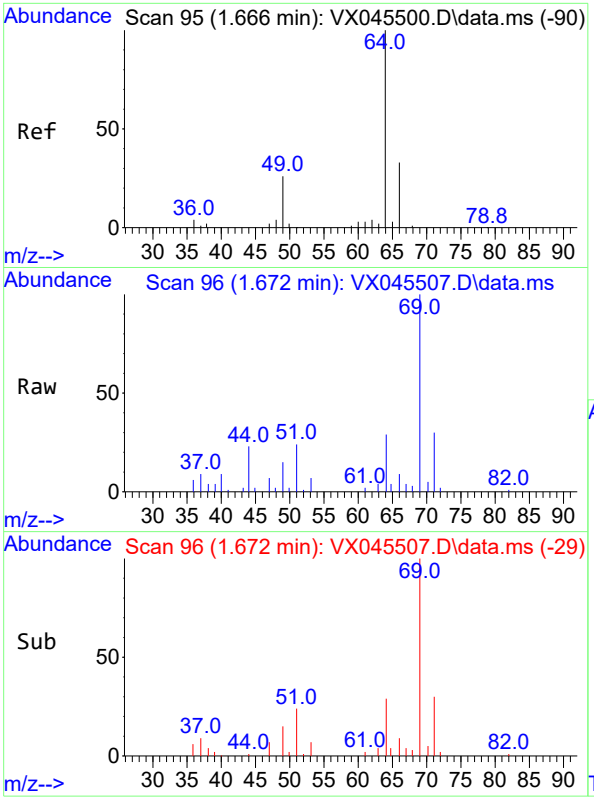


#6
Bromomethane
Concen: 2.59 ug/L
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Tgt Ion: 94 Resp: 1469

Ion	Ratio	Lower	Upper
94	100		
96	113.7	64.3	119.3



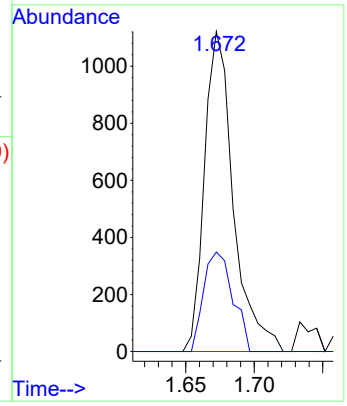


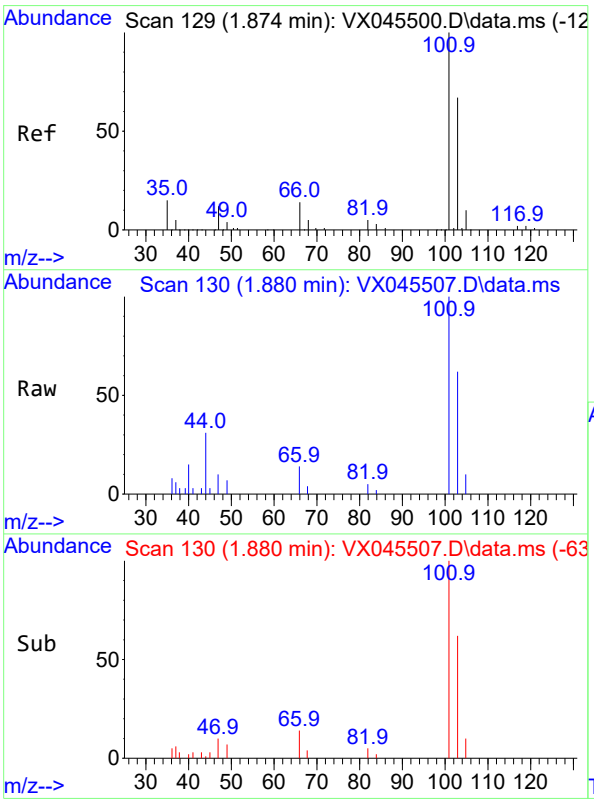
#8
Chloroethane
Concen: 2.60 ug/L
RT: 1.672 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2025-01

Tgt Ion: 64 Resp: 1646

Ion	Ratio	Lower	Upper
64	100		
66	31.1	21.4	39.8

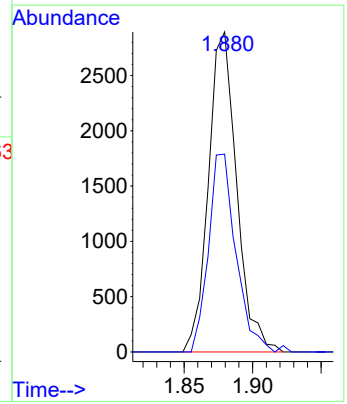


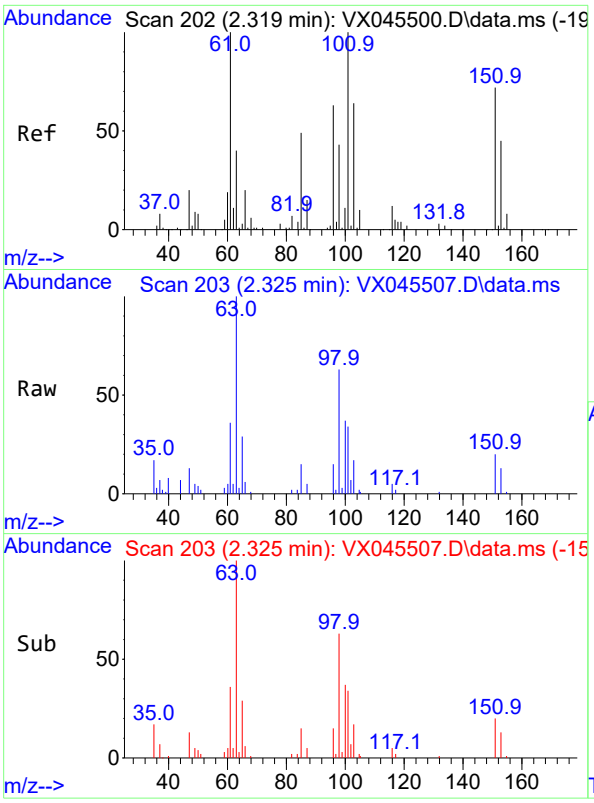


#9
Trichlorofluoromethane
Concen: 2.39 ug/L
RT: 1.880 min Scan# 130
Delta R.T. 0.006 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Tgt Ion:101 Resp: 4151

Ion	Ratio	Lower	Upper
101	100		
103	59.9	52.2	78.2



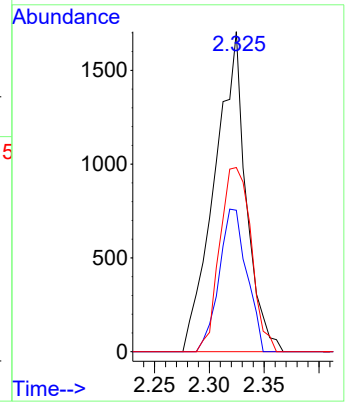


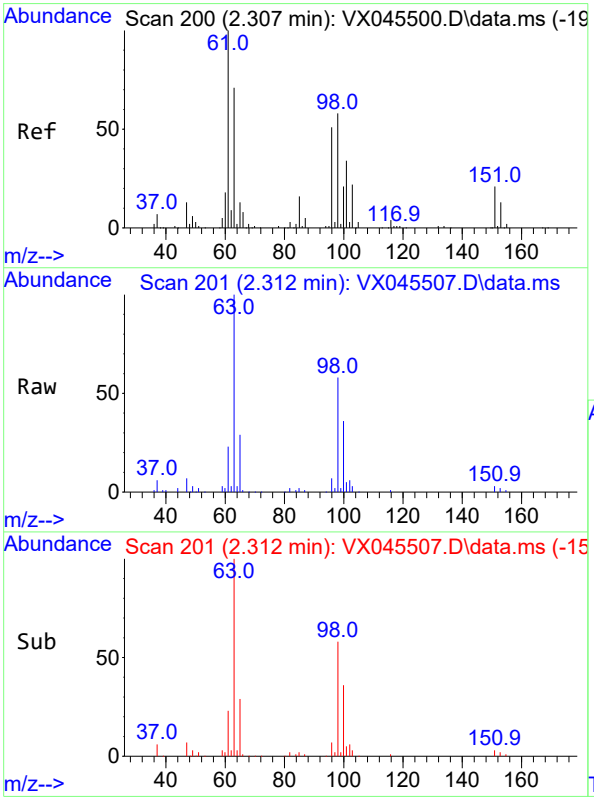
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.07 ug/L
RT: 2.325 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2025-01

Tgt Ion:101 Resp: 3402

Ion	Ratio	Lower	Upper
101	100		
85	39.2	35.4	53.0
151	57.5	57.0	85.4

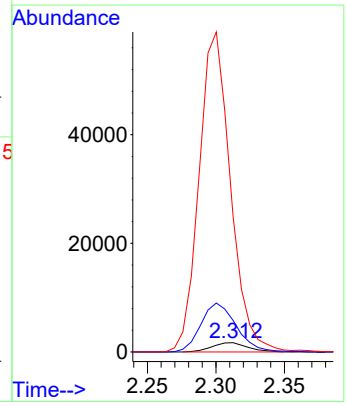


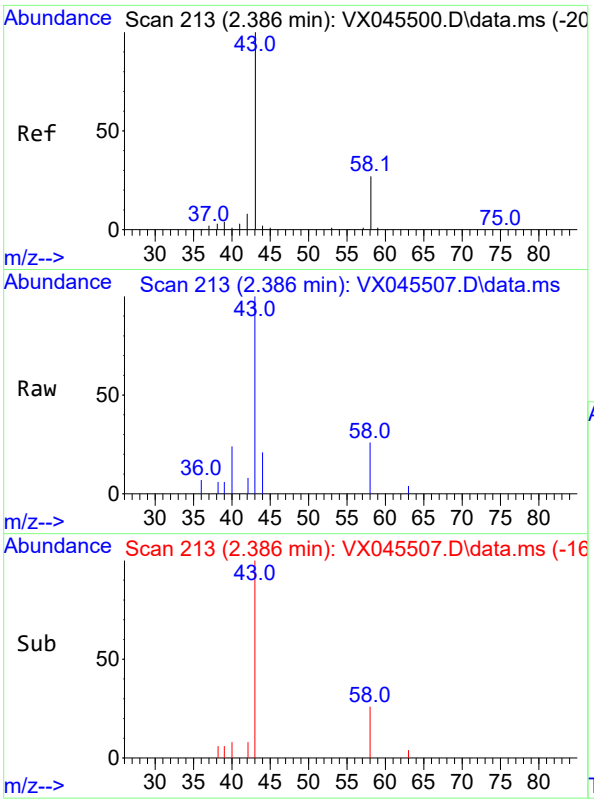


#12
1,1-Dichloroethene
Concen: 3.11 ug/L
RT: 2.312 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Tgt Ion: 96 Resp: 3079

Ion	Ratio	Lower	Upper
96	100		
61	338.7	115.1	213.8#
63	1453.7	74.1	137.5#



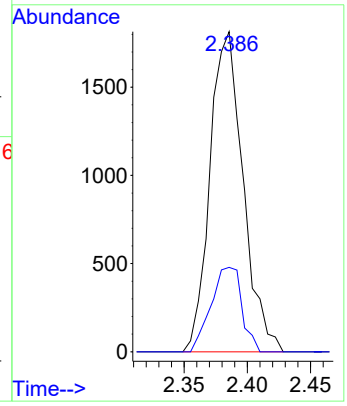


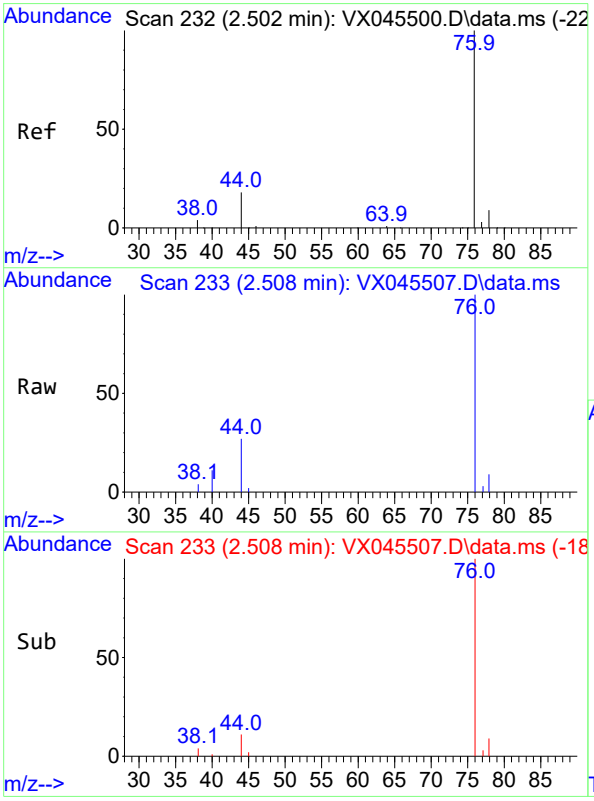
#13
Acetone
Concen: 4.86 ug/L
RT: 2.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2025-01

Tgt Ion: 43 Resp: 3303

Ion	Ratio	Lower	Upper
43	100		
58	24.6	0.0	64.6

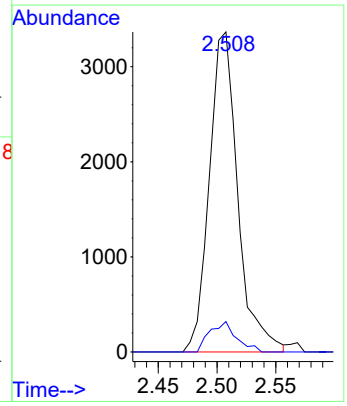


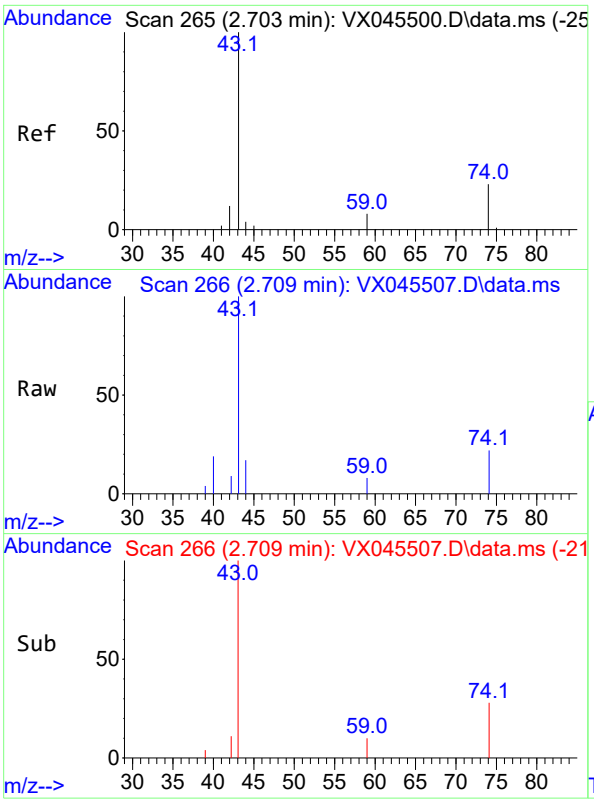


#14
Carbon disulfide
Concen: 2.23 ug/L
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Tgt Ion: 76 Resp: 5674

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.2	10.8



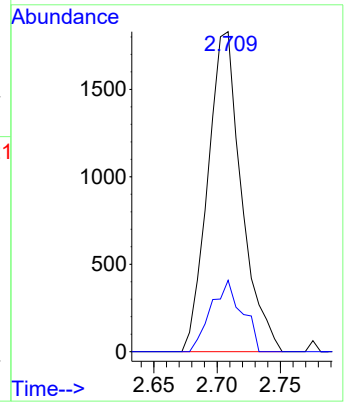


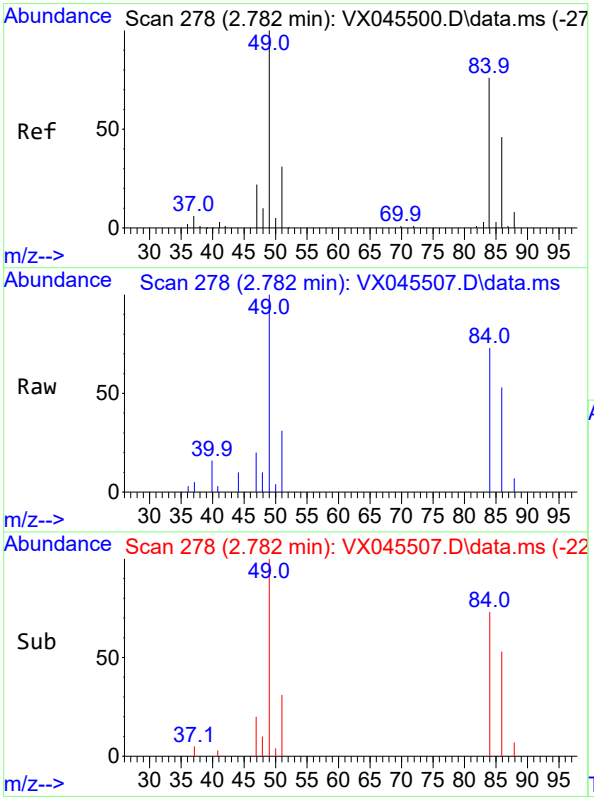
#15
Methyl Acetate
Concen: 2.51 ug/L
RT: 2.709 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2025-01

Tgt Ion: 43 Resp: 3388

Ion	Ratio	Lower	Upper
43	100		
74	18.4	19.7	29.5#

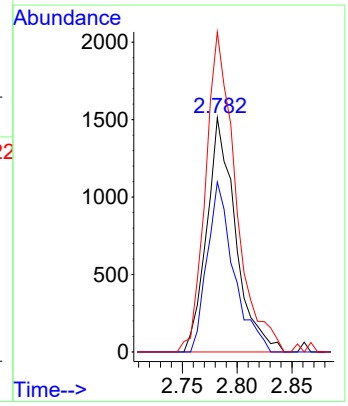


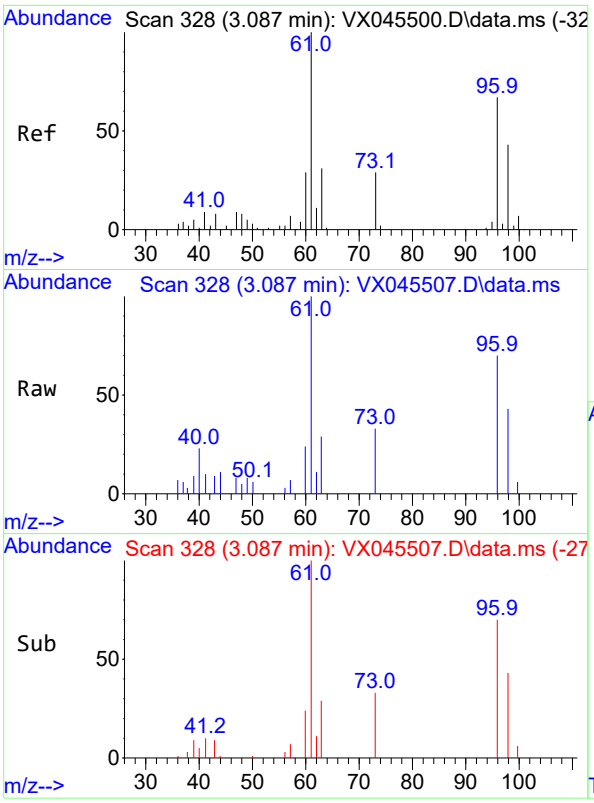


#16
Methylene chloride
Concen: 2.41 ug/L
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Tgt Ion: 84 Resp: 2761

Ion	Ratio	Lower	Upper
84	100		
86	72.6	45.6	84.8
49	136.6	84.6	157.0



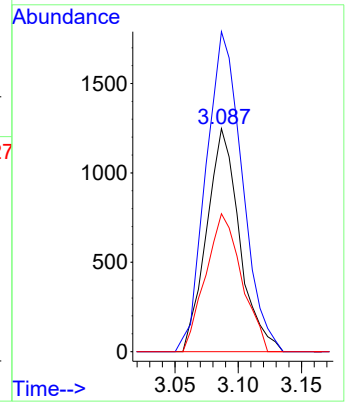


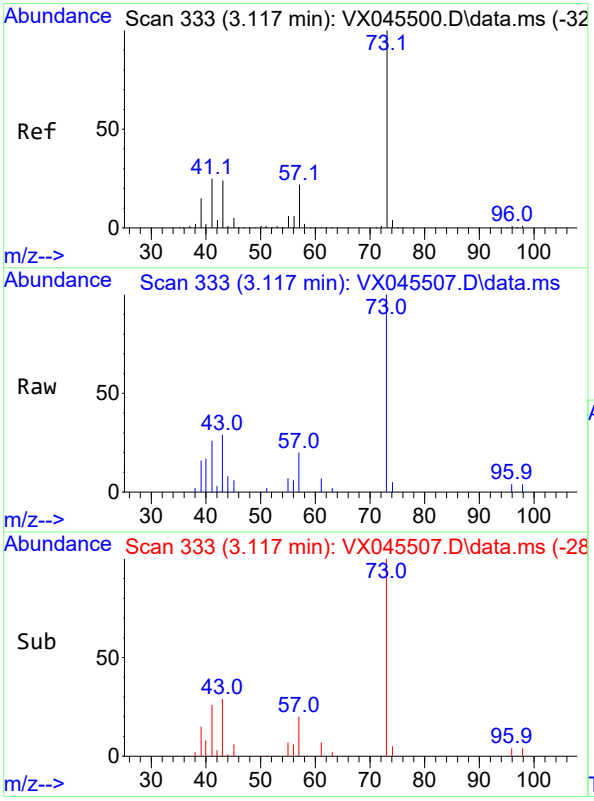
#17
trans-1,2-Dichloroethene
Concen: 2.29 ug/L
RT: 3.087 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2025-01

Tgt Ion: 96 Resp: 2265

Ion	Ratio	Lower	Upper
96	100		
61	143.4	98.3	182.7
98	61.8	44.1	81.9

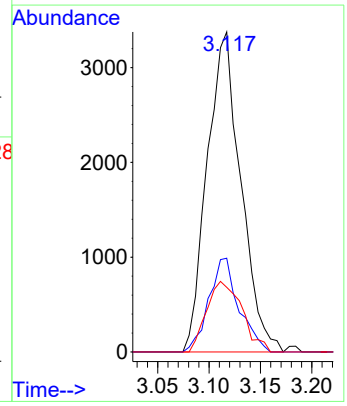


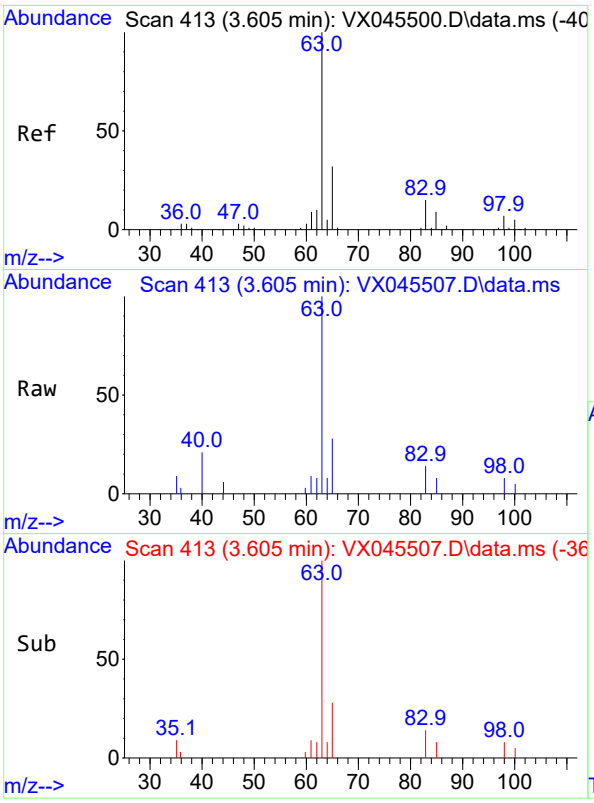


#18
Methyl tert-butyl Ether
Concen: 2.24 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Tgt Ion: 73 Resp: 7698

Ion	Ratio	Lower	Upper
73	100		
43	26.1	16.9	25.3#
57	22.1	17.4	26.0



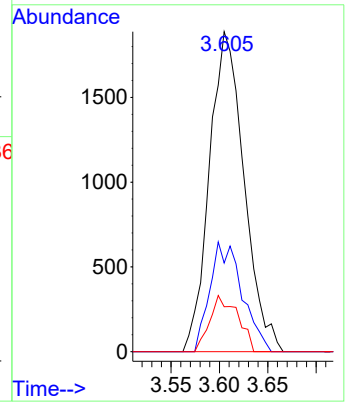


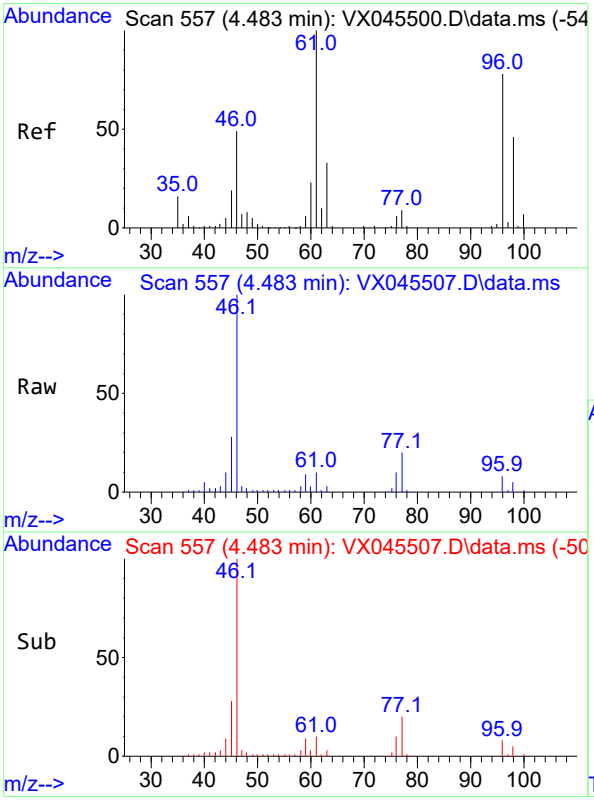
#19
1,1-Dichloroethane
Concen: 2.28 ug/L
RT: 3.605 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2025-01

Tgt Ion: 63 Resp: 4706

Ion	Ratio	Lower	Upper
63	100		
65	27.7	21.8	40.6
83	14.0	9.4	17.4

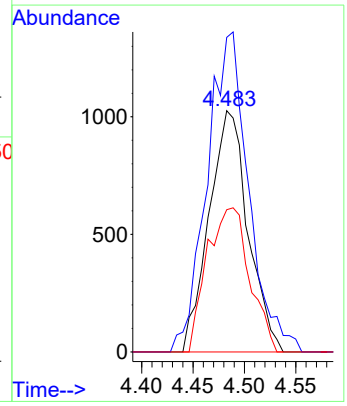


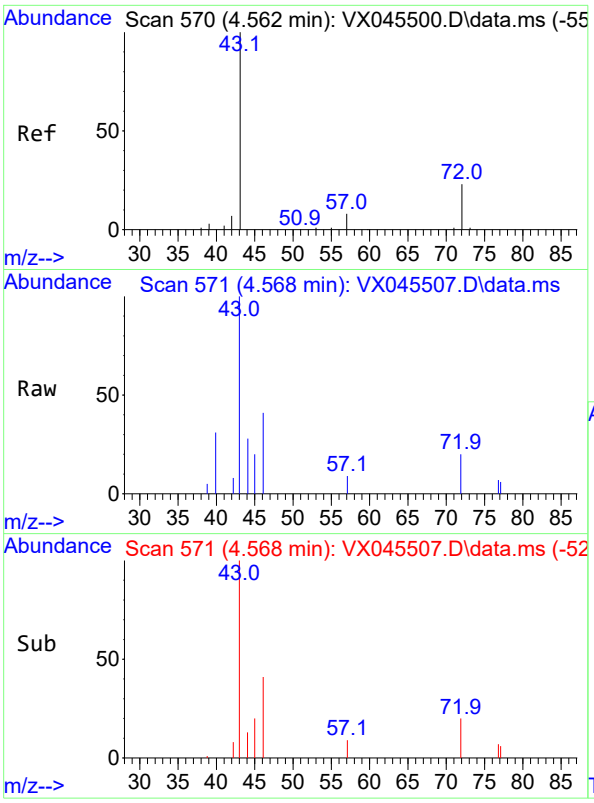


#20
cis-1,2-Dichloroethene
Concen: 2.38 ug/L
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Tgt Ion: 96 Resp: 2708

Ion	Ratio	Lower	Upper
96	100		
61	130.4	88.3	163.9
98	59.0	44.6	82.8



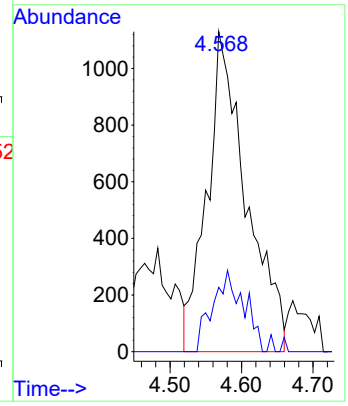


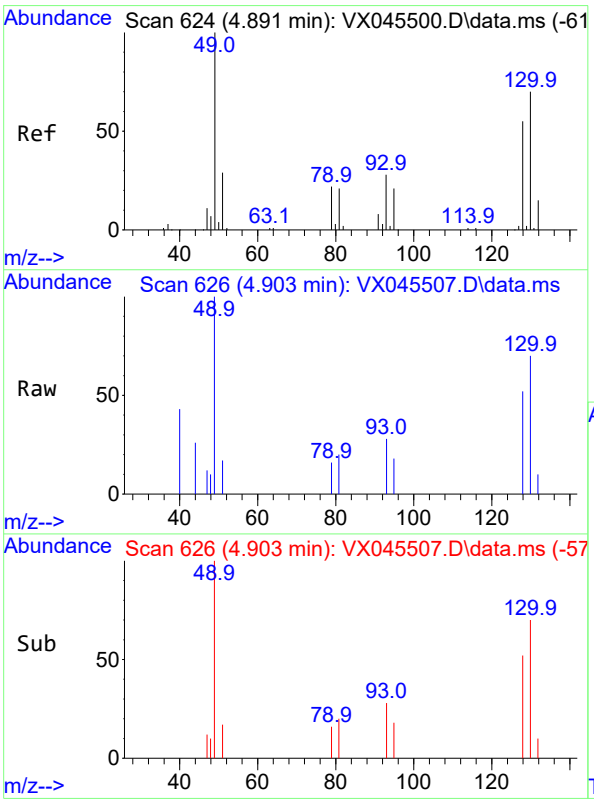
#22
2-Butanone
Concen: 4.38 ug/L
RT: 4.568 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2025-01

Tgt Ion: 43 Resp: 4317

Ion	Ratio	Lower	Upper
43	100		
72	6.7	13.4	40.2#

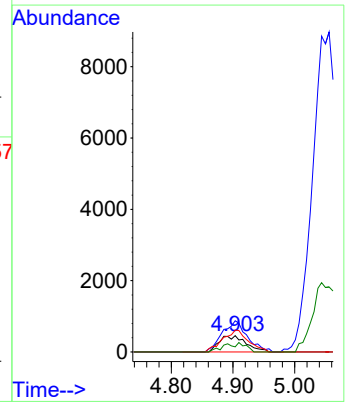


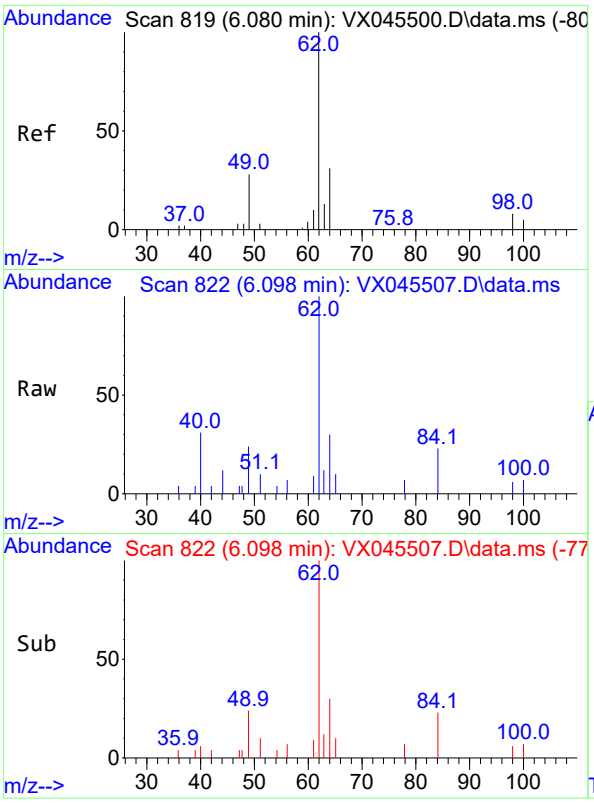


#23
Bromochloromethane
Concen: 2.43 ug/L m
RT: 4.903 min Scan# 626
Delta R.T. 0.012 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Tgt Ion:128 Resp: 1367

Ion	Ratio	Lower	Upper
128	100		
49	190.8	117.6	218.4
130	133.4	92.0	170.9
51	31.9	44.2	66.4#



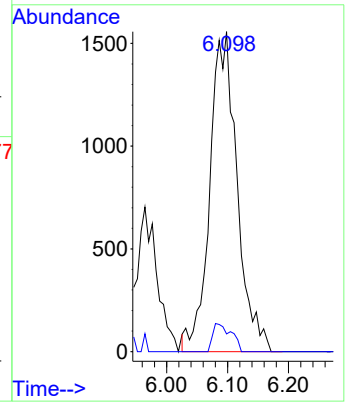


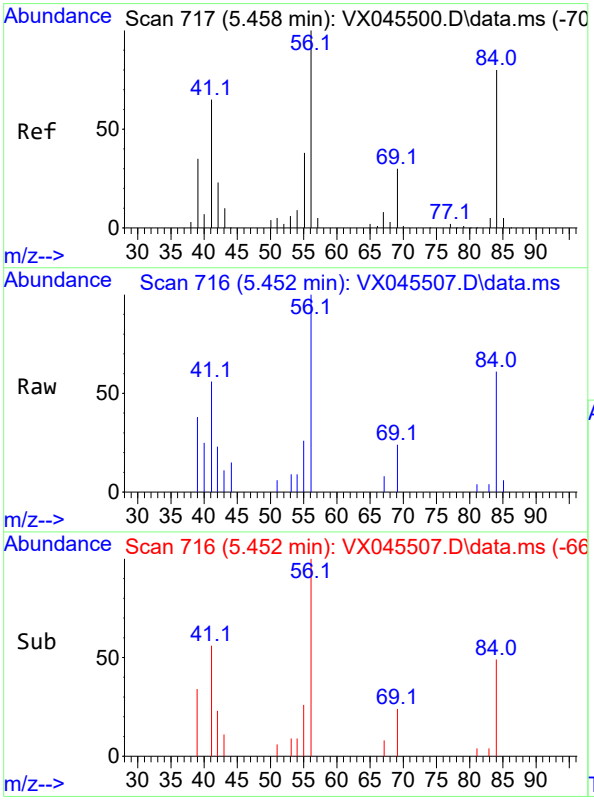
#27
1,2-Dichloroethane
Concen: 2.60 ug/L m
RT: 6.098 min Scan# 8
Delta R.T. 0.018 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2025-01

Tgt Ion: 62 Resp: 4823

Ion	Ratio	Lower	Upper
62	100		
98	5.5	7.4	11.2#

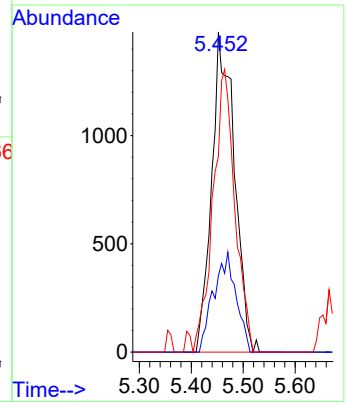


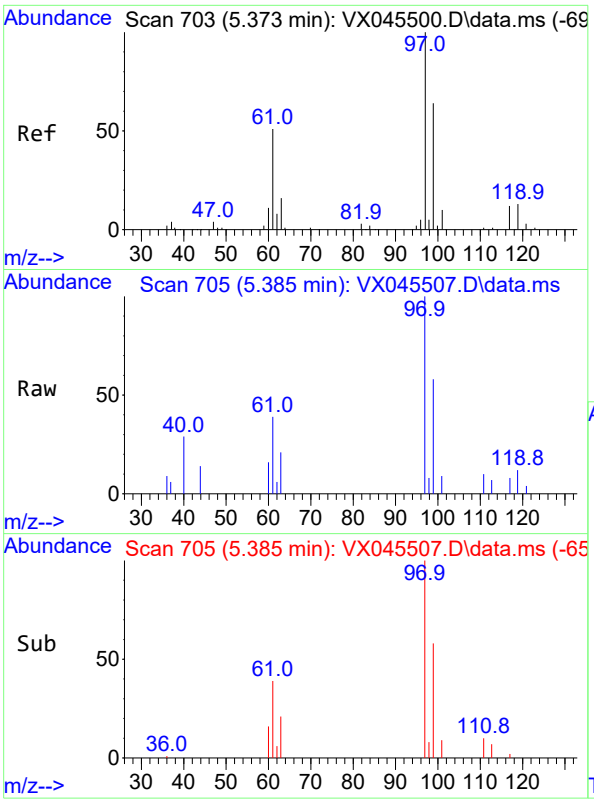


#29
Cyclohexane
Concen: 2.32 ug/L m
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Tgt Ion: 56 Resp: 4497

Ion	Ratio	Lower	Upper
56	100		
69	9.1	25.4	38.2#
84	0.0	71.6	107.4#



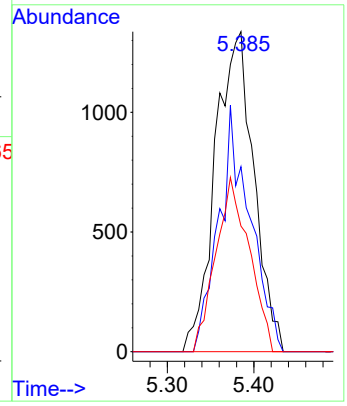


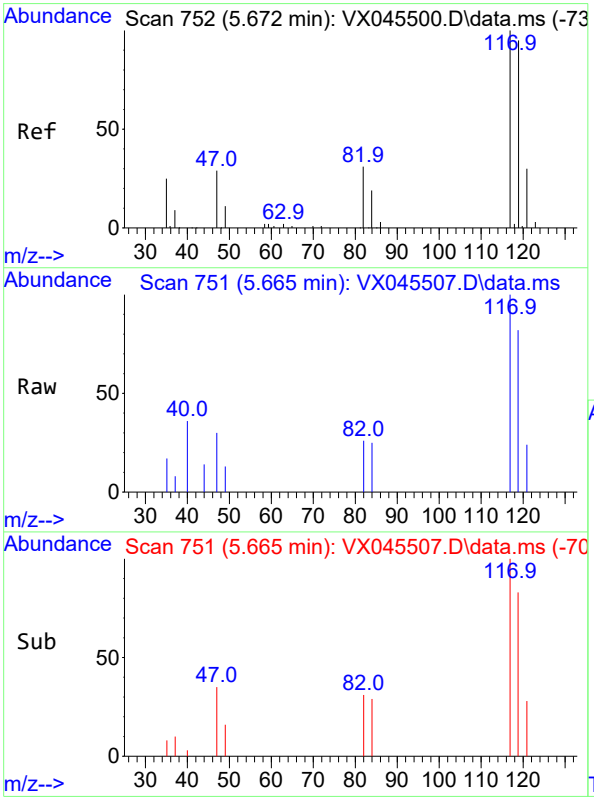
#30
1,1,1-Trichloroethane
Concen: 2.36 ug/L
RT: 5.385 min Scan# 7
Delta R.T. 0.012 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2025-01

Tgt Ion: 97 Resp: 4132

Ion	Ratio	Lower	Upper
97	100		
99	42.9	51.0	76.4#
61	47.2	35.8	53.6

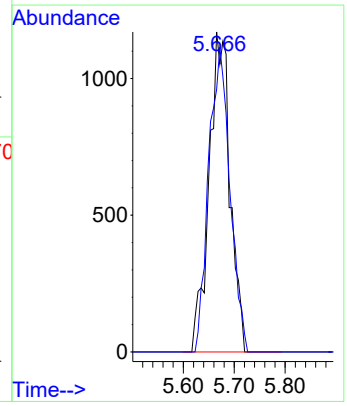


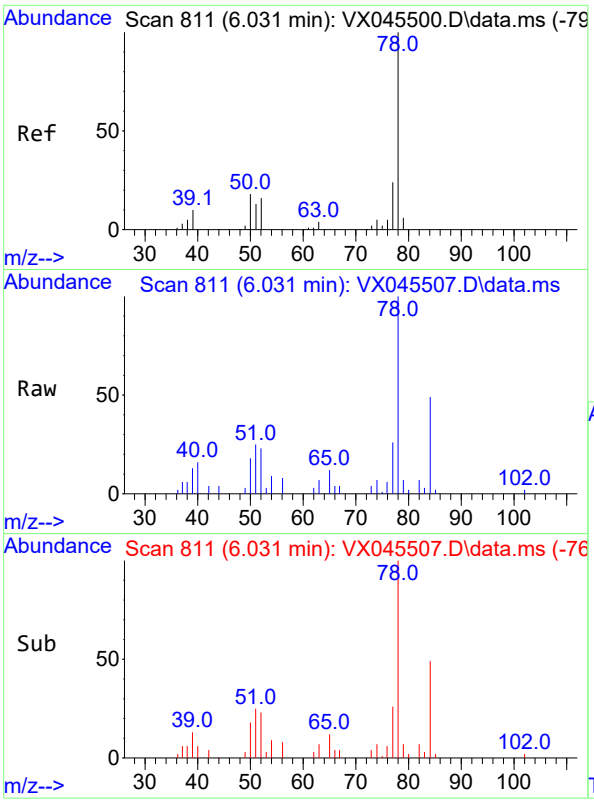


#31
Carbon tetrachloride
Concen: 2.20 ug/L m
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Tgt Ion:117 Resp: 3347

Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.1	115.7

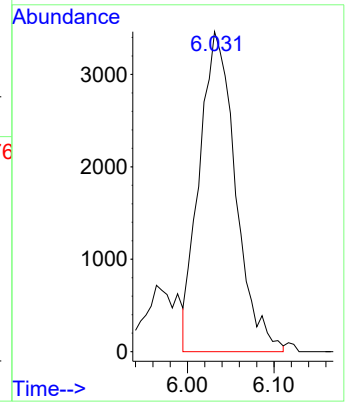


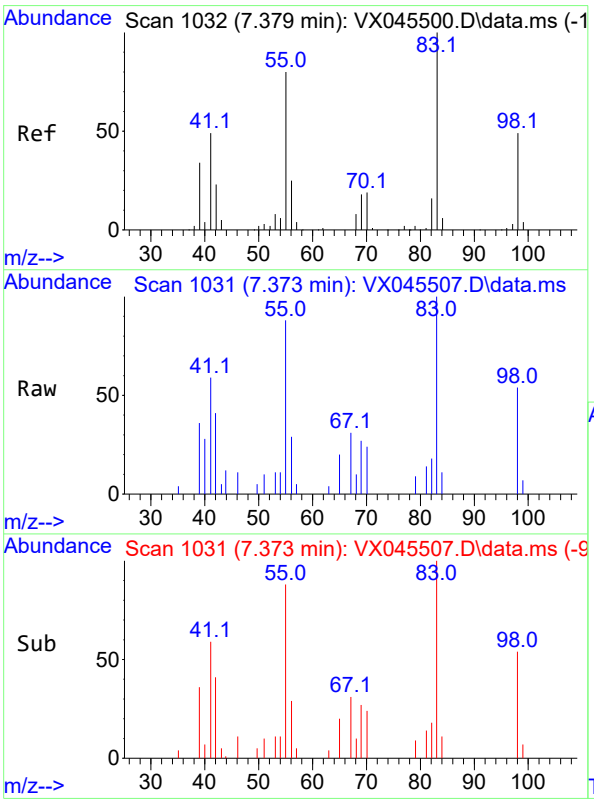


#33
Benzene
Concen: 2.40 ug/L
RT: 6.031 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2025-01

Tgt Ion: 78 Resp: 10056

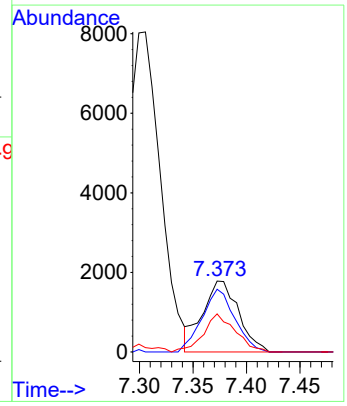


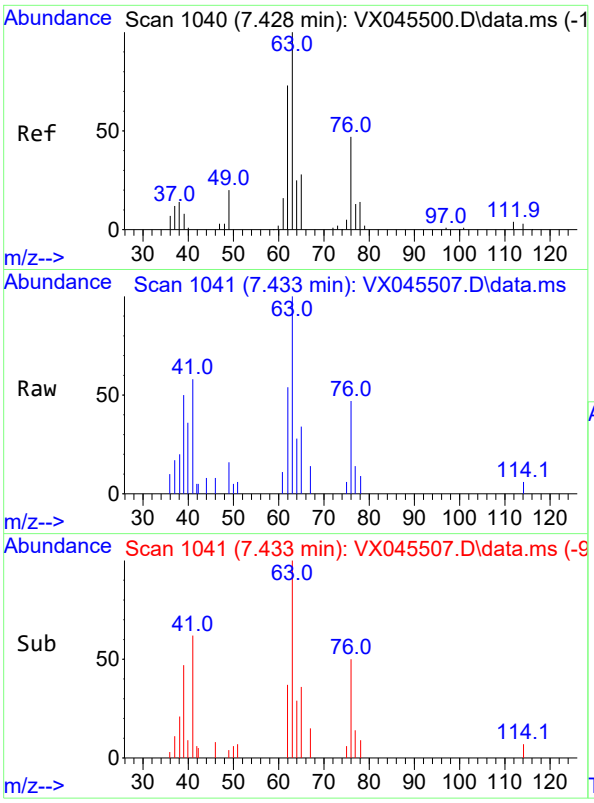


#35
Methylcyclohexane
Concen: 2.34 ug/L m
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Tgt Ion: 83 Resp: 4172

Ion	Ratio	Lower	Upper
83	100		
55	80.8	60.6	90.8
98	47.4	38.9	58.3



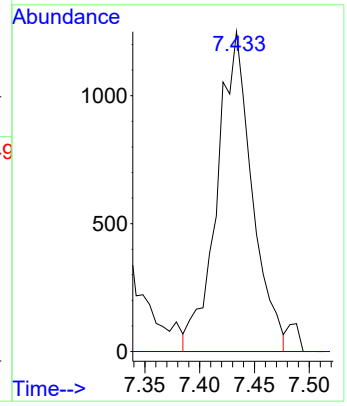


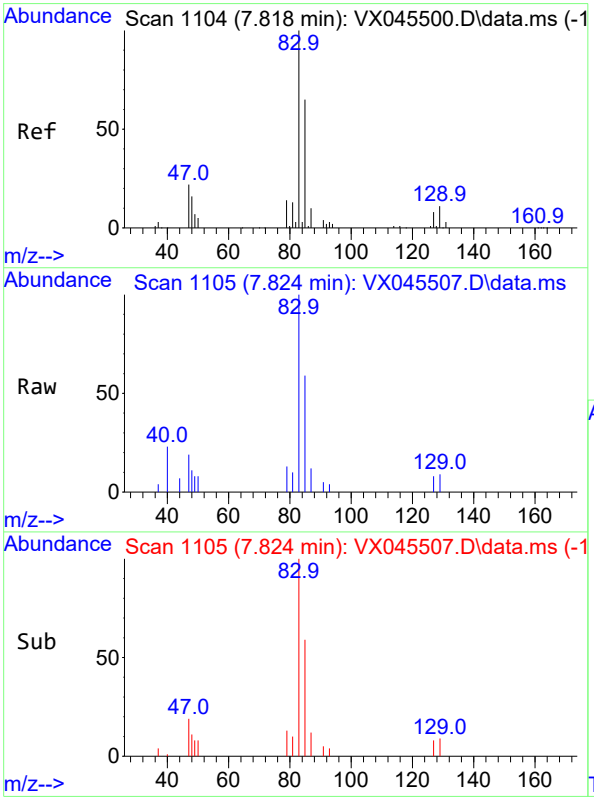
#37
1,2-Dichloropropane
Concen: 2.44 ug/L
RT: 7.433 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2025-01

Tgt Ion: 63 Resp: 2771

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

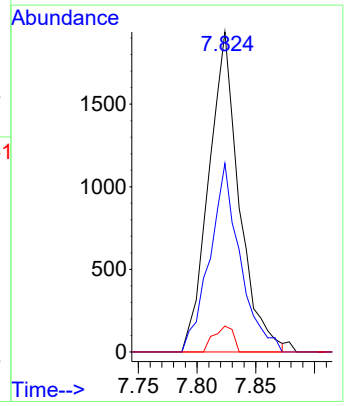


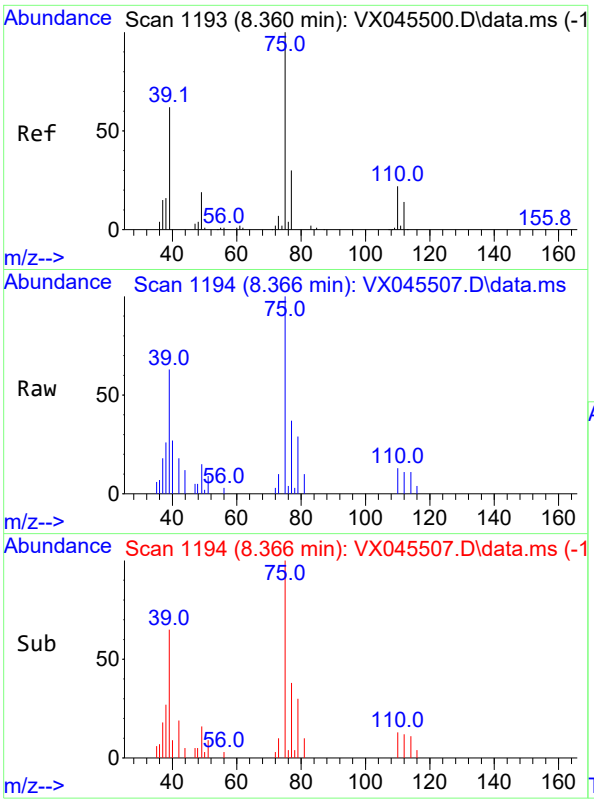


#38
Bromodichloromethane
Concen: 2.23 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Tgt Ion: 83 Resp: 3487

Ion	Ratio	Lower	Upper
83	100		
85	58.9	43.8	81.3
127	8.1	6.5	9.7



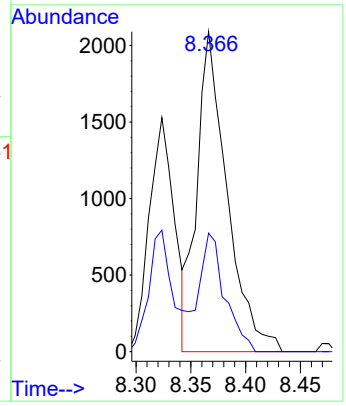


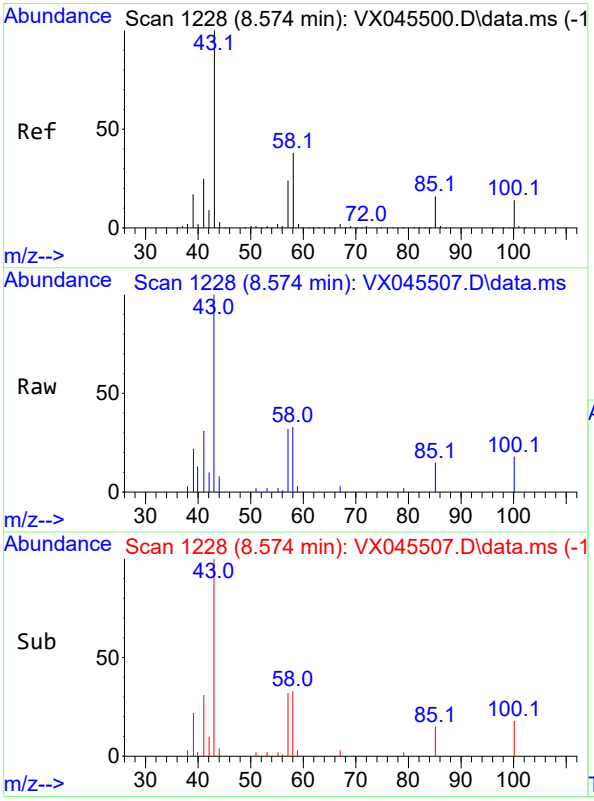
#39
cis-1,3-Dichloropropene
Concen: 2.40 ug/L
RT: 8.366 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2025-01

Tgt Ion: 75 Resp: 3997

Ion	Ratio	Lower	Upper
75	100		
77	37.0	21.7	40.3

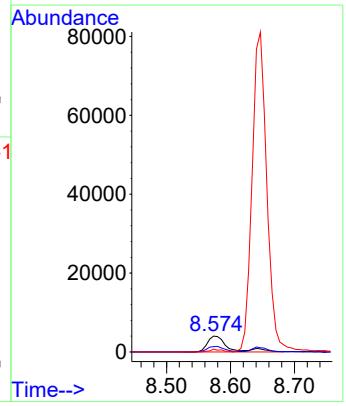


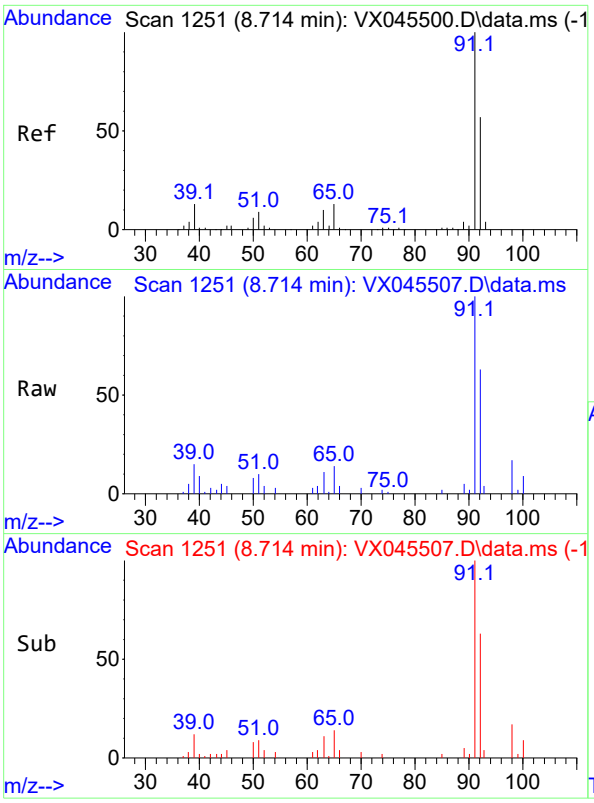


#40
4-Methyl-2-pentanone
Concen: 5.23 ug/L m
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Tgt Ion: 43 Resp: 9096

Ion	Ratio	Lower	Upper
43	100		
58	29.6	32.1	48.1#
100	10.6	12.9	19.3#



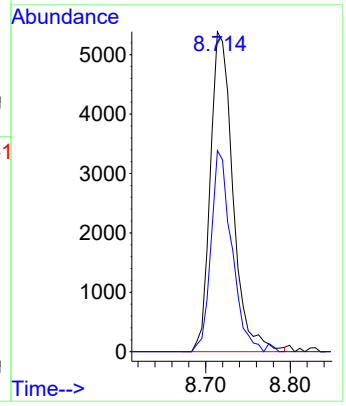


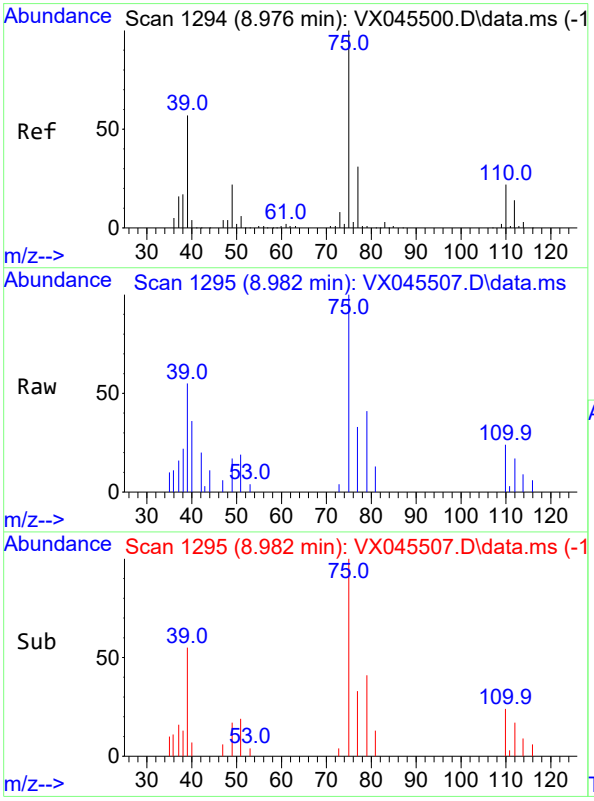
#42
Toluene
Concen: 2.31 ug/L m
RT: 8.714 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2025-01

Tgt Ion: 91 Resp: 9953

Ion	Ratio	Lower	Upper
91	100		
92	62.8	40.7	75.5

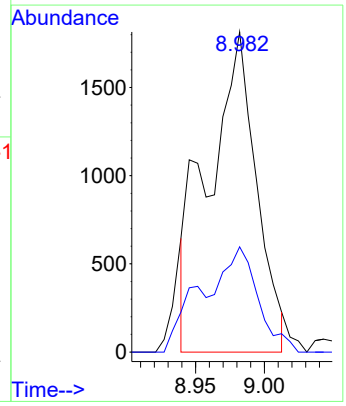


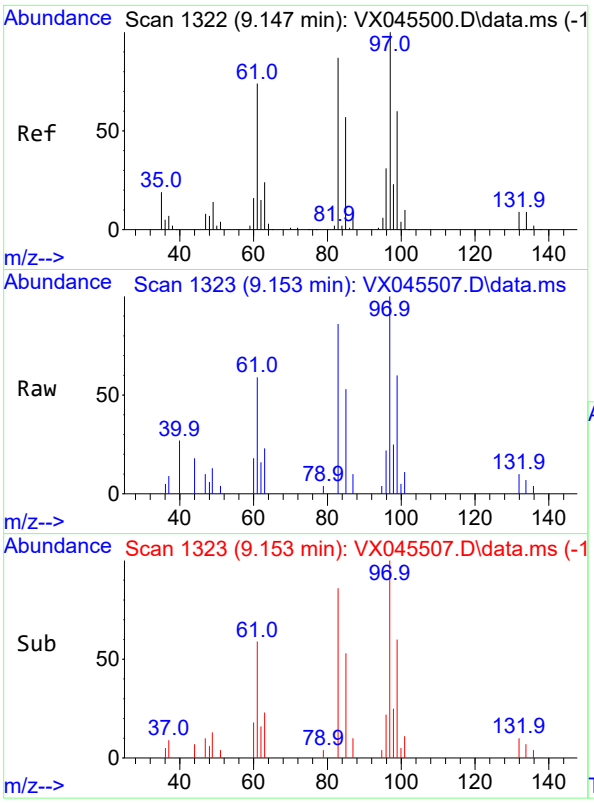


#44
trans-1,3-Dichloropropene
Concen: 2.86 ug/L m
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Tgt Ion: 75 Resp: 4432

Ion	Ratio	Lower	Upper
75	100		
77	32.9	22.4	41.6



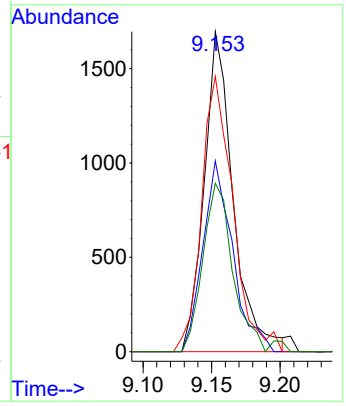


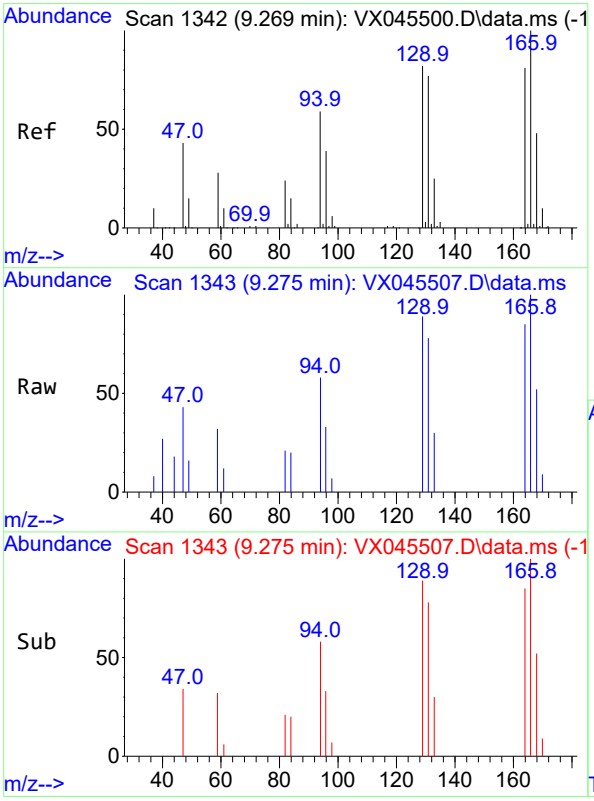
#45
1,1,2-Trichloroethane
Concen: 2.29 ug/L
RT: 9.153 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2025-01

Tgt Ion: 97 Resp: 2502

Ion	Ratio	Lower	Upper
97	100		
99	59.6	44.8	83.2
83	86.0	60.8	113.0
85	52.7	39.3	72.9

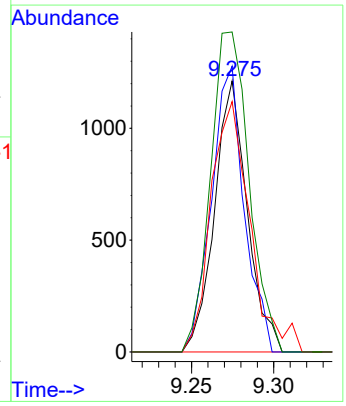


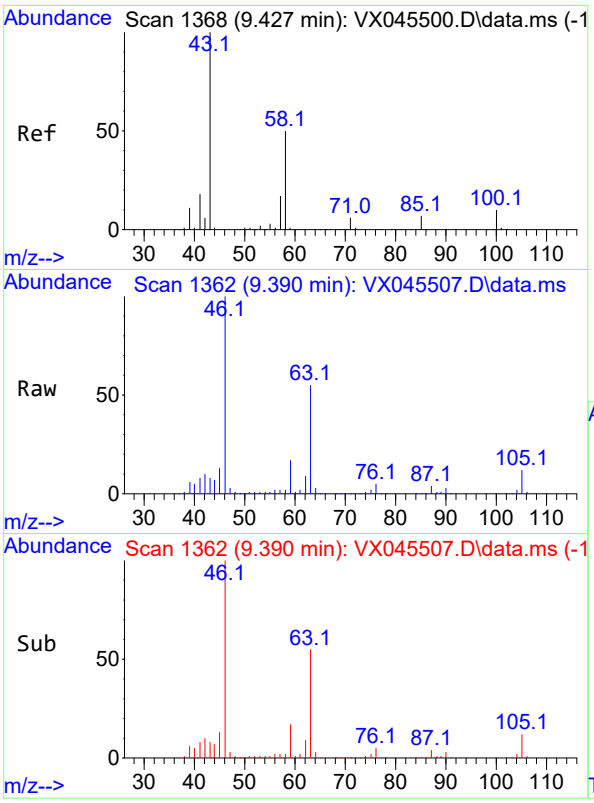


#46
Tetrachloroethene
Concen: 2.20 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Tgt Ion:164 Resp: 1680

Ion	Ratio	Lower	Upper
164	100		
129	105.4	71.2	132.2
131	92.4	67.2	124.8
166	118.1	90.0	167.2



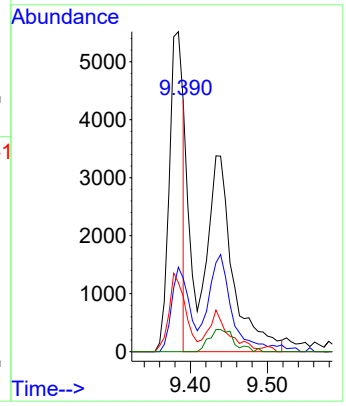


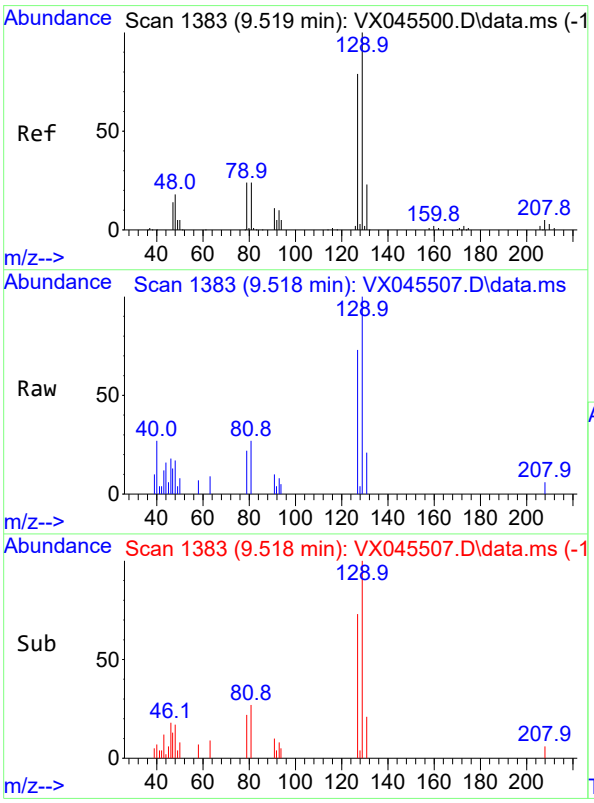
#48
2-Hexanone
Concen: 7.08 ug/L m
RT: 9.390 min Scan# 1
Delta R.T. -0.037 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2025-01

Tgt Ion: 43 Resp: 9290

Ion	Ratio	Lower	Upper
43	100		
58	36.9	44.3	66.5#
57	12.7	15.9	23.9#
100	6.4	10.1	15.1#

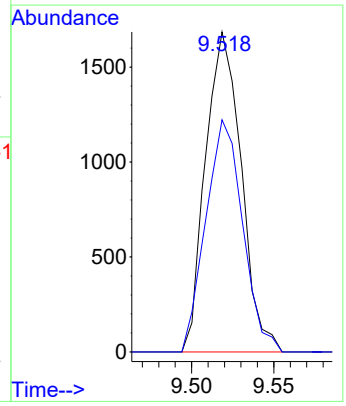


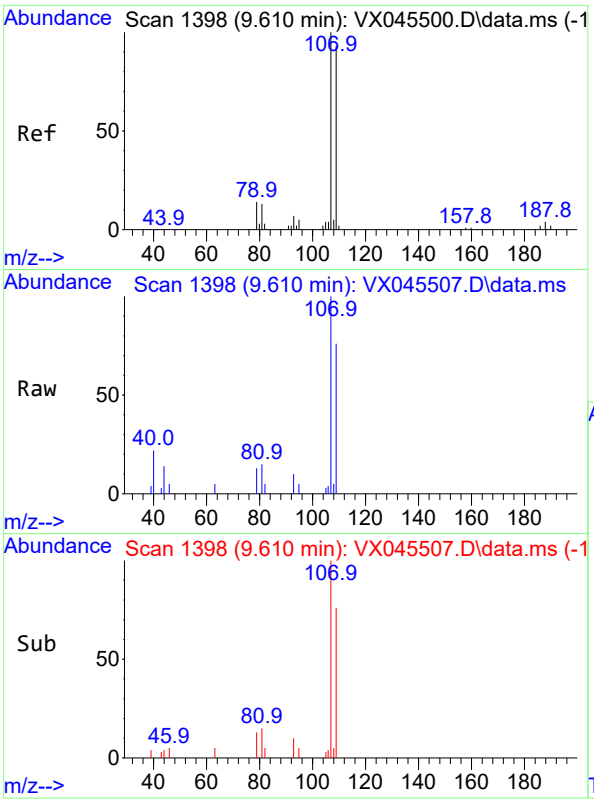


#49
Dibromochloromethane
Concen: 2.34 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Tgt Ion:129 Resp: 2546

Ion	Ratio	Lower	Upper
129	100		
127	72.5	53.6	99.6



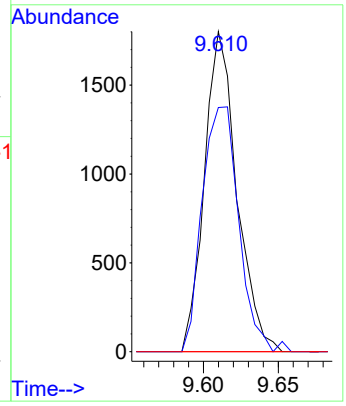


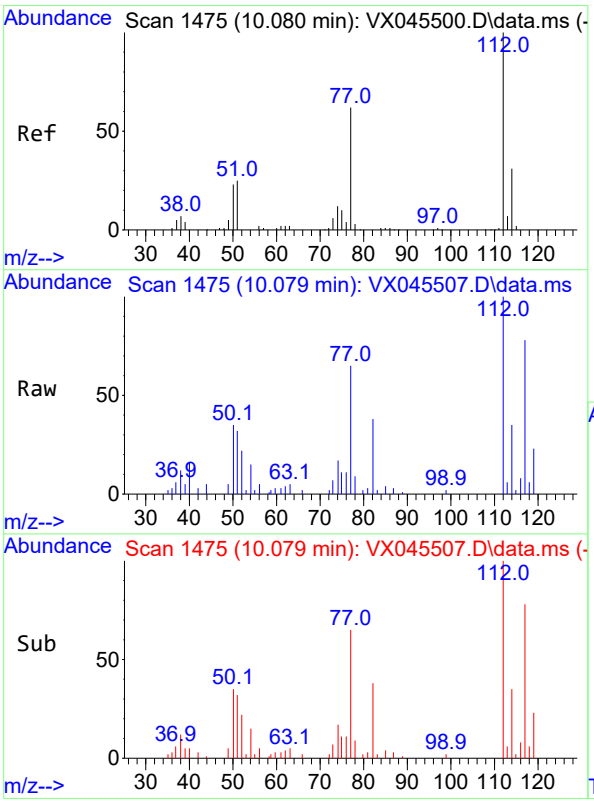
#50
1,2-Dibromoethane
Concen: 2.39 ug/L
RT: 9.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2025-01

Tgt Ion:107 Resp: 2718

Ion	Ratio	Lower	Upper
107	100		
109	76.3	67.2	124.8
188	0.0	2.2	3.4#

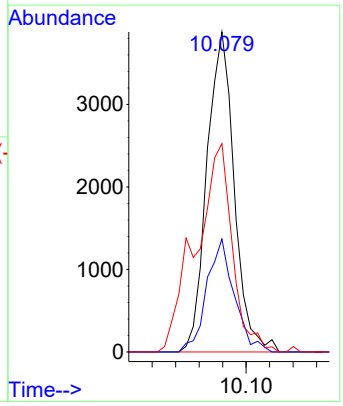


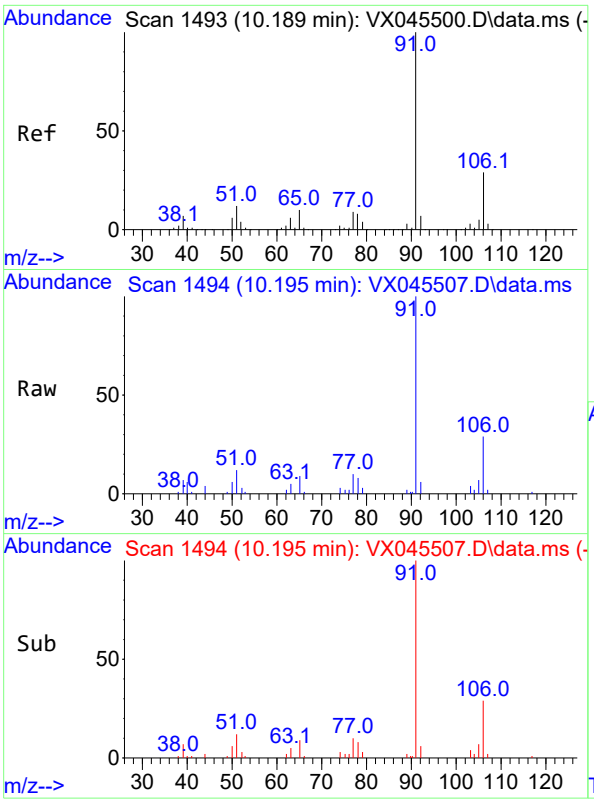


#51
Chlorobenzene
Concen: 2.33 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Tgt Ion:112 Resp: 6277

Ion	Ratio	Lower	Upper
112	100		
114	35.3	22.4	41.6
77	65.1	49.2	73.8



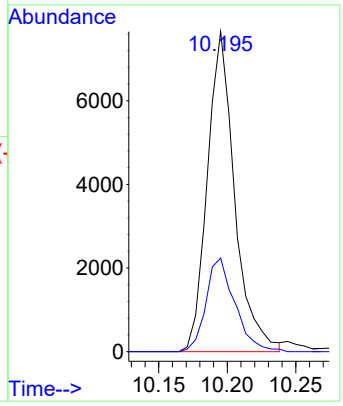


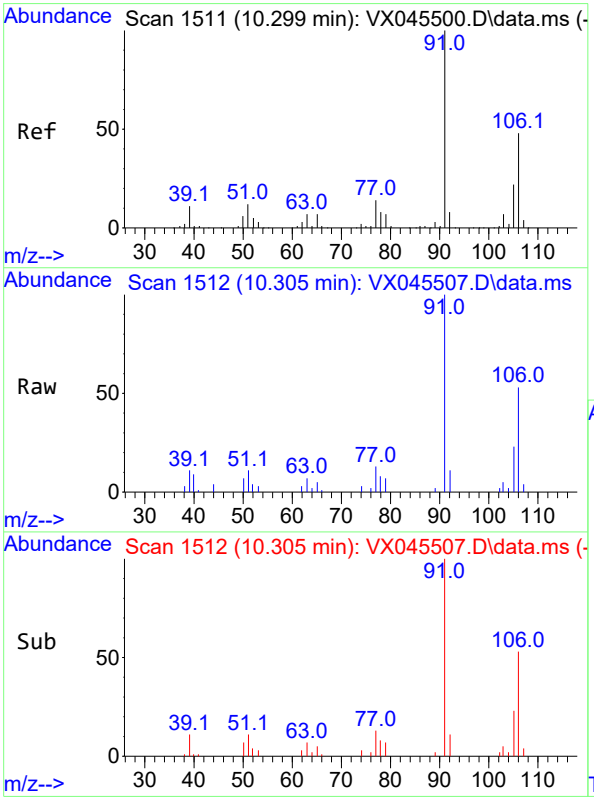
#52
Ethylbenzene
Concen: 2.20 ug/L
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2025-01

Tgt Ion: 91 Resp: 10636

Ion	Ratio	Lower	Upper
91	100		
106	29.2	21.1	39.3

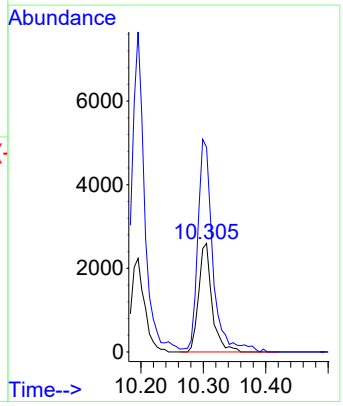


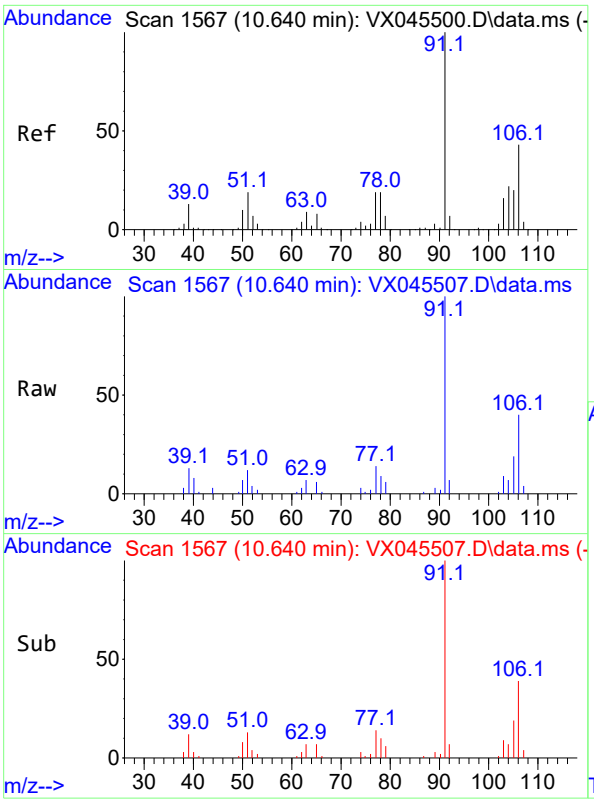


#53
m,p-Xylene
Concen: 2.19 ug/L m
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Tgt Ion:106 Resp: 3844

Ion	Ratio	Lower	Upper
106	100		
91	188.6	145.2	269.6



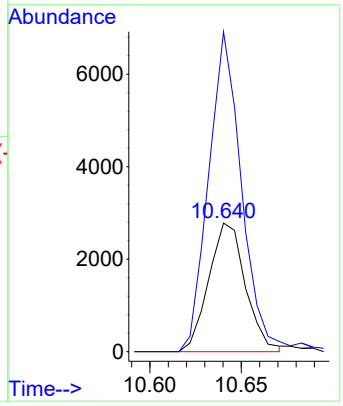


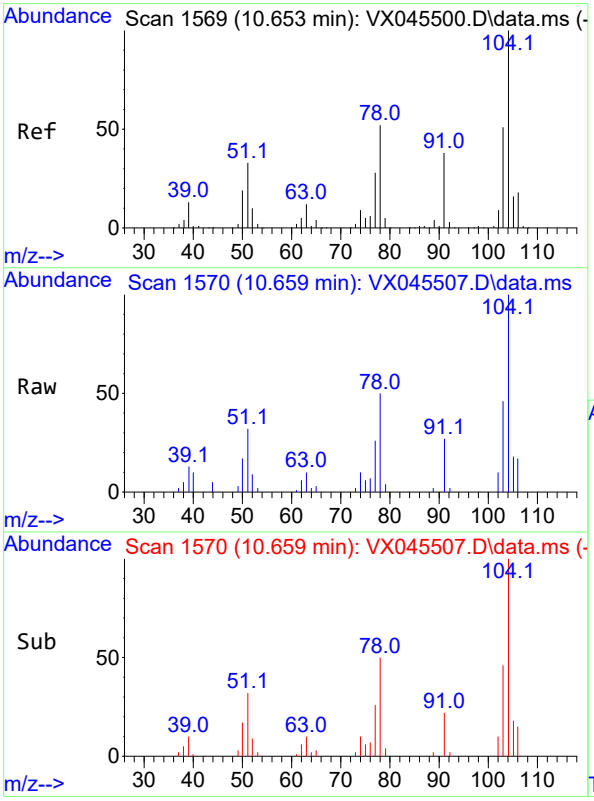
#54
o-Xylene
Concen: 2.26 ug/L
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2025-01

Tgt Ion:106 Resp: 3894

Ion	Ratio	Lower	Upper
106	100		
91	248.9	153.2	284.4

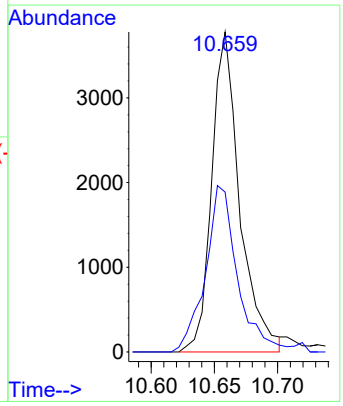


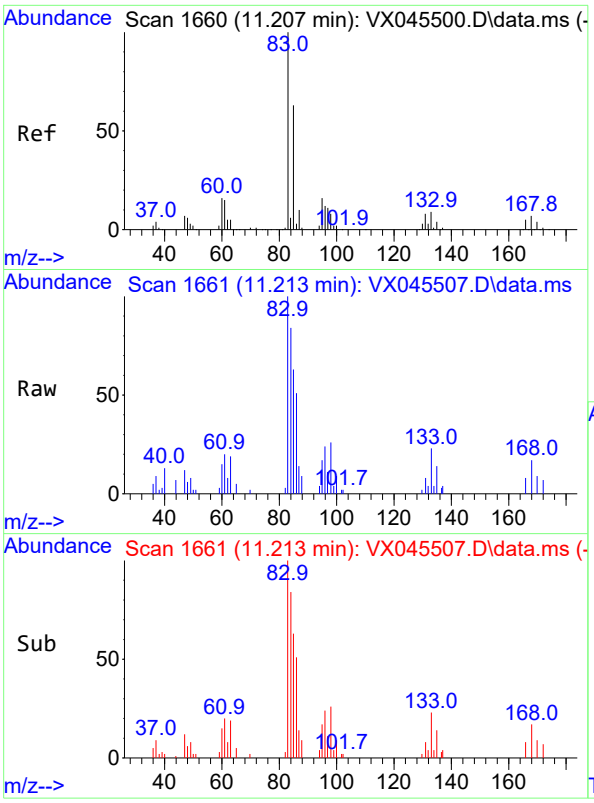


#55
Styrene
Concen: 2.01 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Tgt Ion:104 Resp: 5810

Ion	Ratio	Lower	Upper
104	100		
78	50.0	32.7	60.7



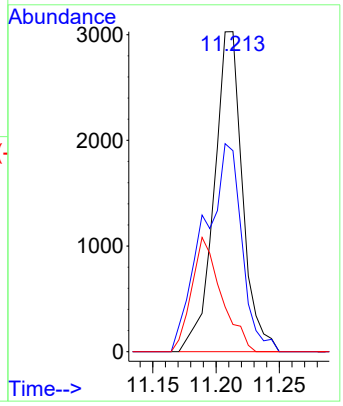


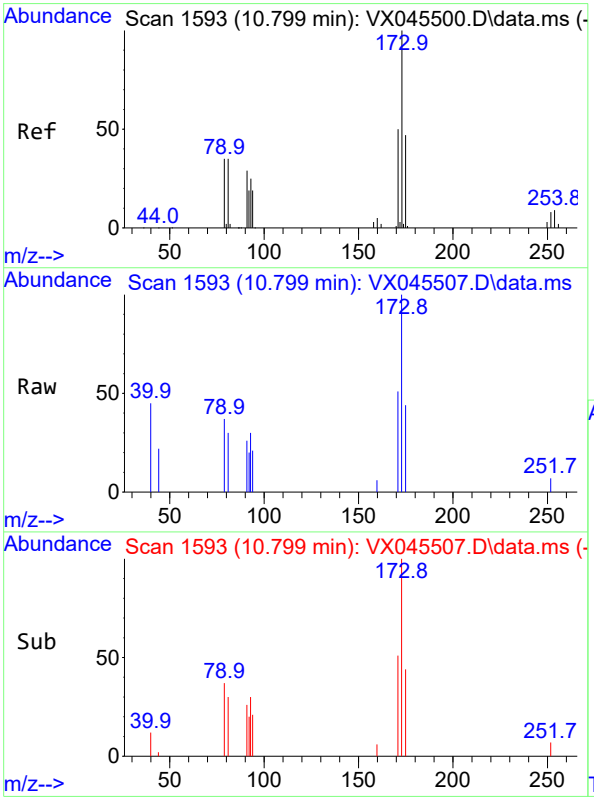
#57
1,1,2,2-Tetrachloroethane
Concen: 2.75 ug/L
RT: 11.213 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2025-01

Tgt Ion: 83 Resp: 4726

Ion	Ratio	Lower	Upper
83	100		
85	62.8	44.9	83.5
131	8.5	8.0	12.0

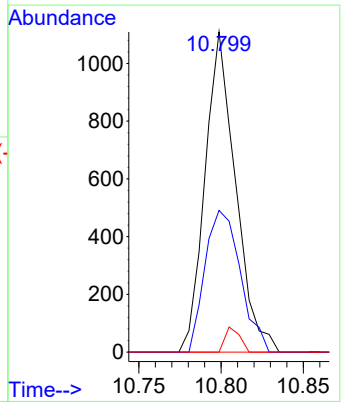


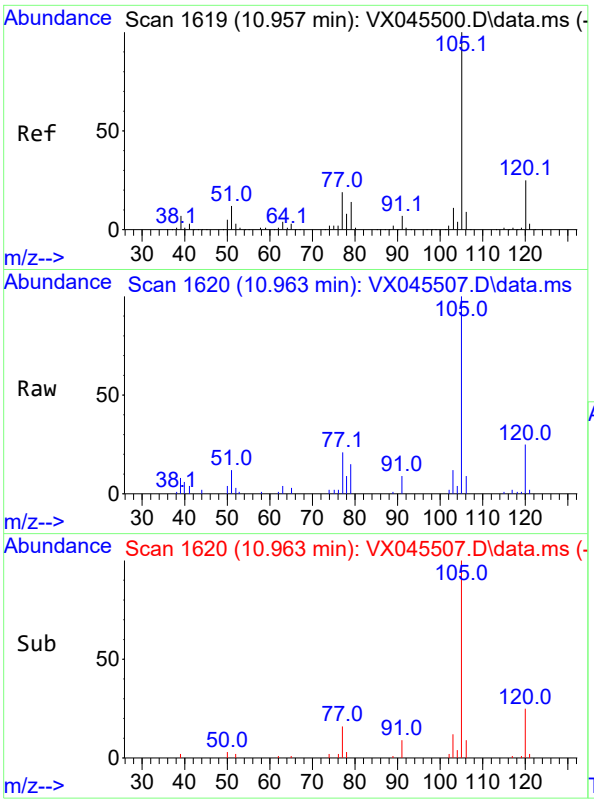


#59
Bromoform
Concen: 2.14 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Tgt Ion:173 Resp: 1431

Ion	Ratio	Lower	Upper
173	100		
175	51.2	38.6	58.0
254	3.8	6.6	10.0#



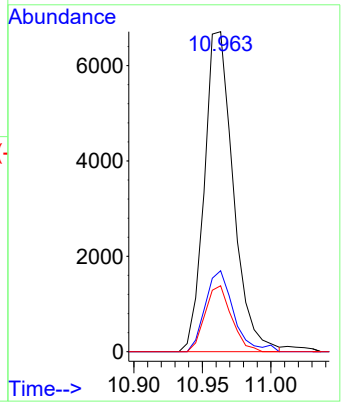


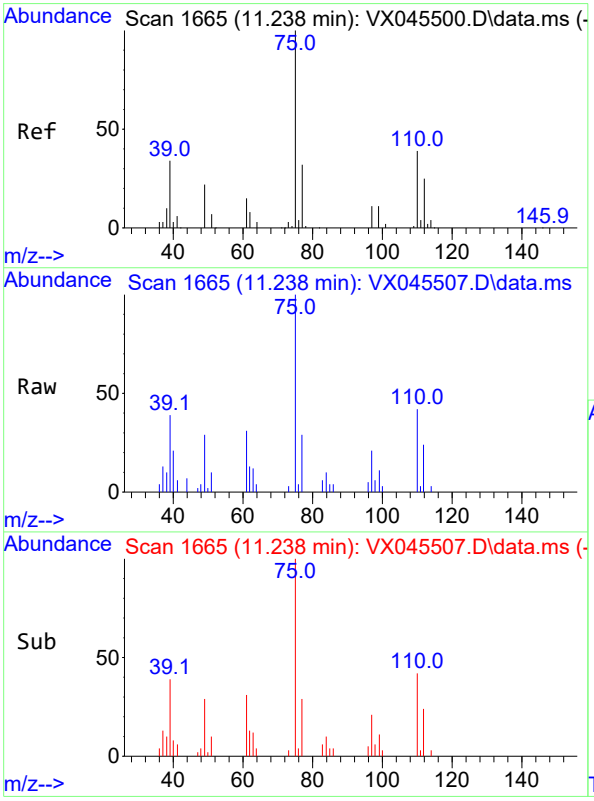
#60
Isopropylbenzene
Concen: 2.28 ug/L
RT: 10.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2025-01

Tgt Ion:105 Resp: 9860

Ion	Ratio	Lower	Upper
105	100		
120	24.2	20.9	31.3
77	18.8	12.6	19.0

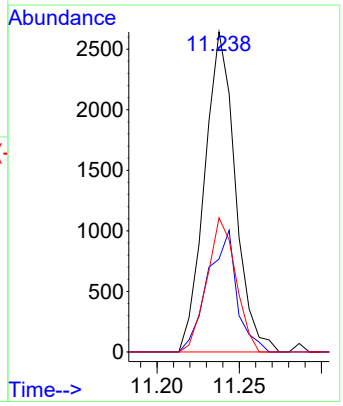


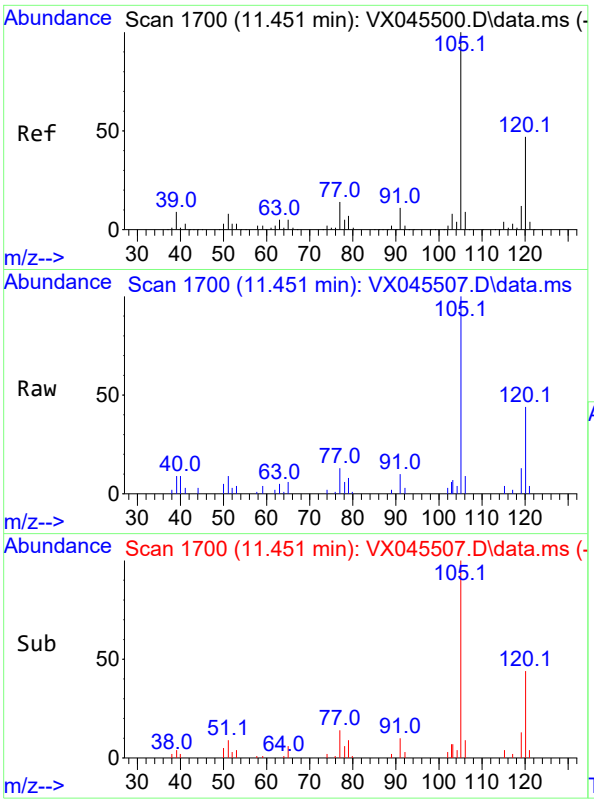


#61
1,2,3-Trichloropropane
Concen: 2.66 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Tgt Ion: 75 Resp: 3429

Ion	Ratio	Lower	Upper
75	100		
77	36.2	25.8	38.6
110	39.5	30.8	46.2



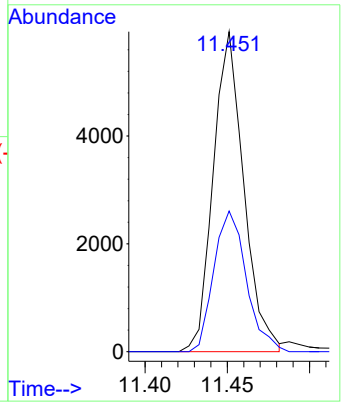


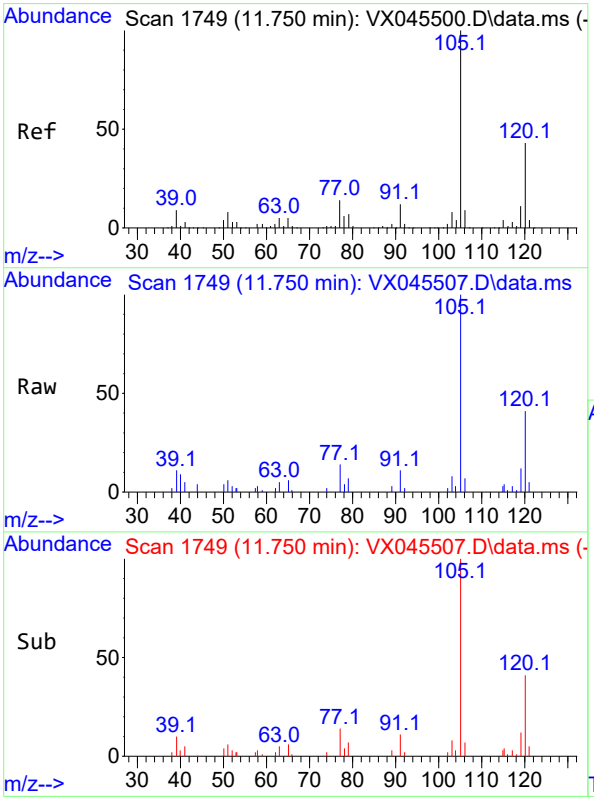
#62
1,3,5-Trimethylbenzene
Concen: 2.17 ug/L
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2025-01

Tgt Ion:105 Resp: 7659

Ion	Ratio	Lower	Upper
105	100		
120	46.9	38.3	57.5

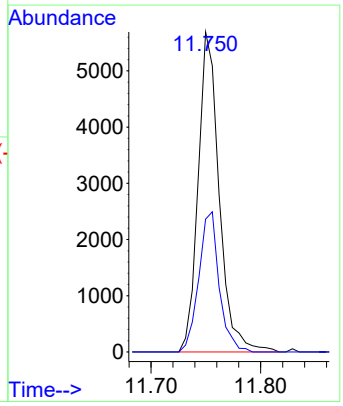


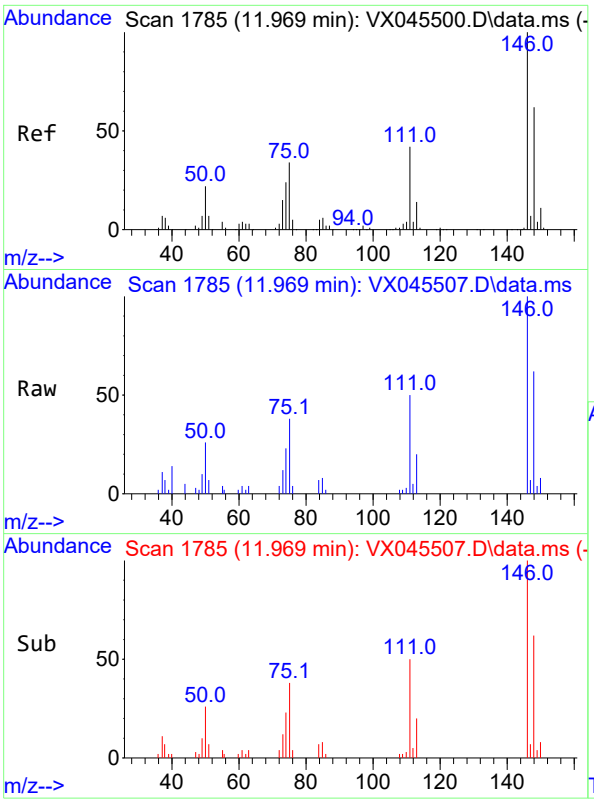


#63
1,2,4-Trimethylbenzene
Concen: 2.19 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Tgt Ion:105 Resp: 7598

Ion	Ratio	Lower	Upper
105	100		
120	42.5	35.7	53.5



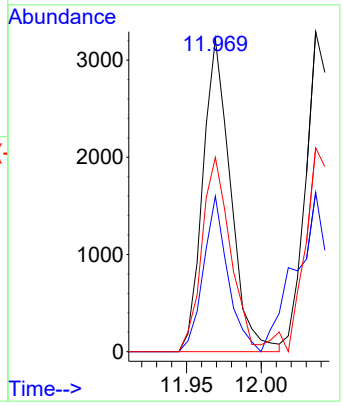


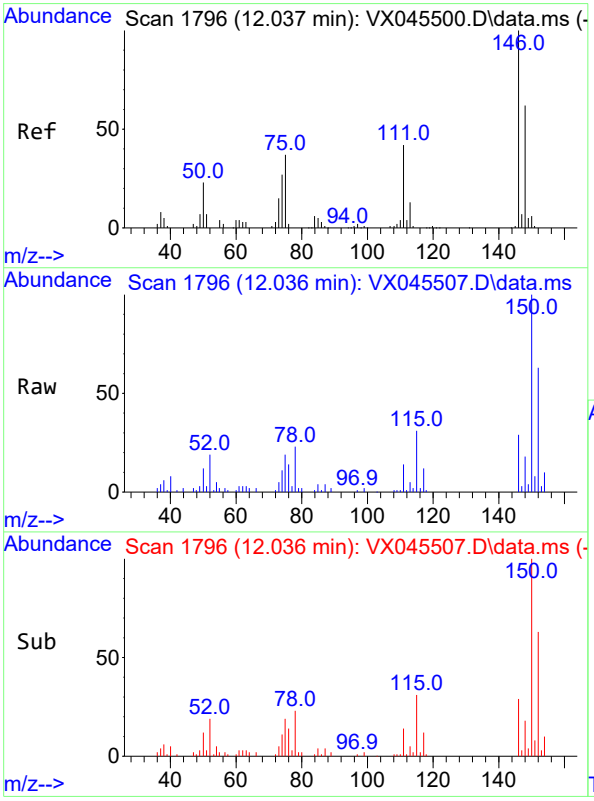
#64
1,3-Dichlorobenzene
Concen: 2.37 ug/L
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2025-01

Tgt Ion:146 Resp: 4161

Ion	Ratio	Lower	Upper
146	100		
111	49.7	29.5	54.9
148	62.1	44.4	82.5

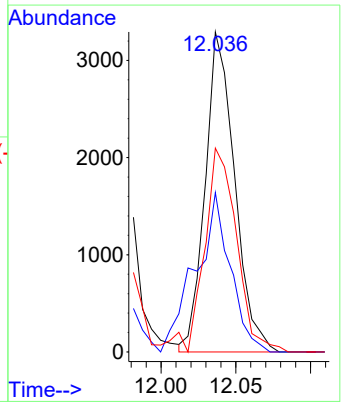


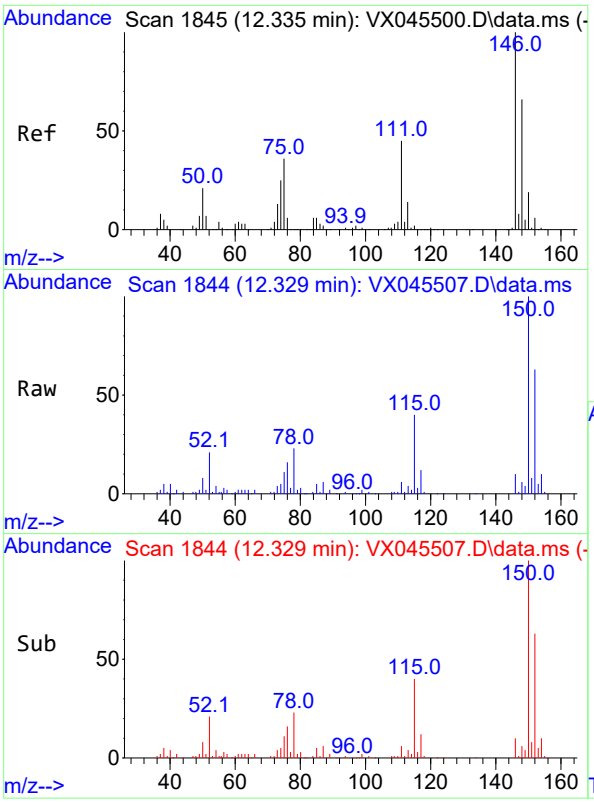


#65
1,4-Dichlorobenzene
Concen: 2.58 ug/L
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Tgt Ion:146 Resp: 4517

Ion	Ratio	Lower	Upper
146	100		
111	49.8	29.7	55.1
148	63.7	43.5	80.7



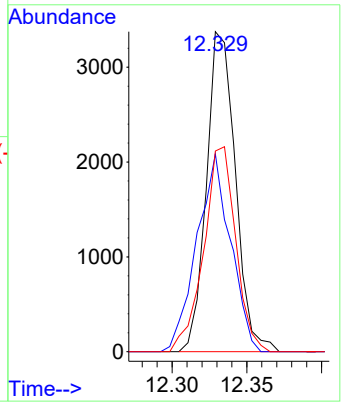


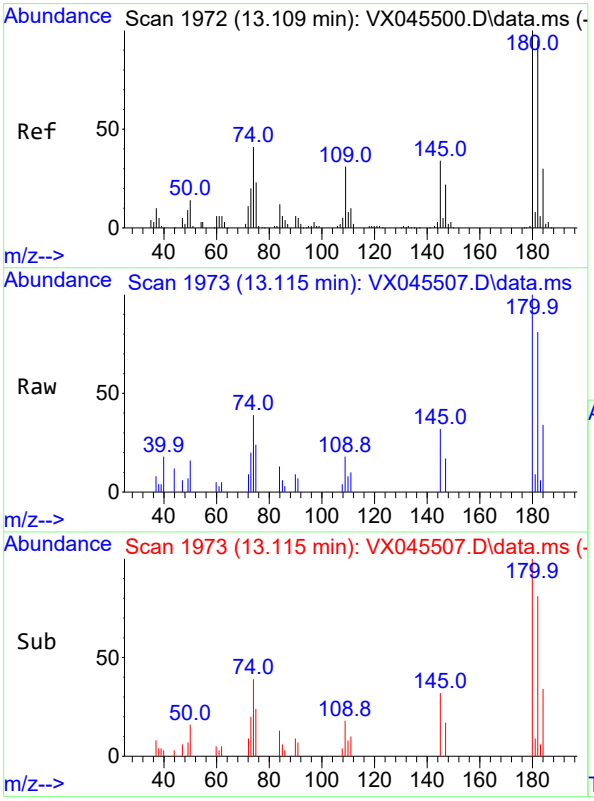
#67
1,2-Dichlorobenzene
Concen: 2.61 ug/L
RT: 12.329 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2025-01

Tgt Ion:146 Resp: 4550

Ion	Ratio	Lower	Upper
146	100		
111	61.8	36.1	54.1#
148	62.7	51.5	77.3

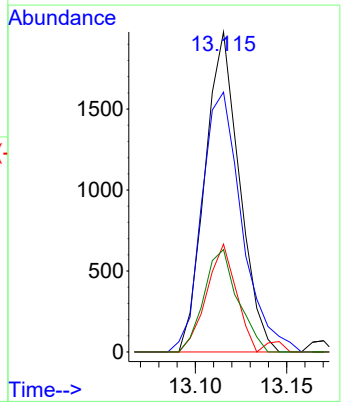


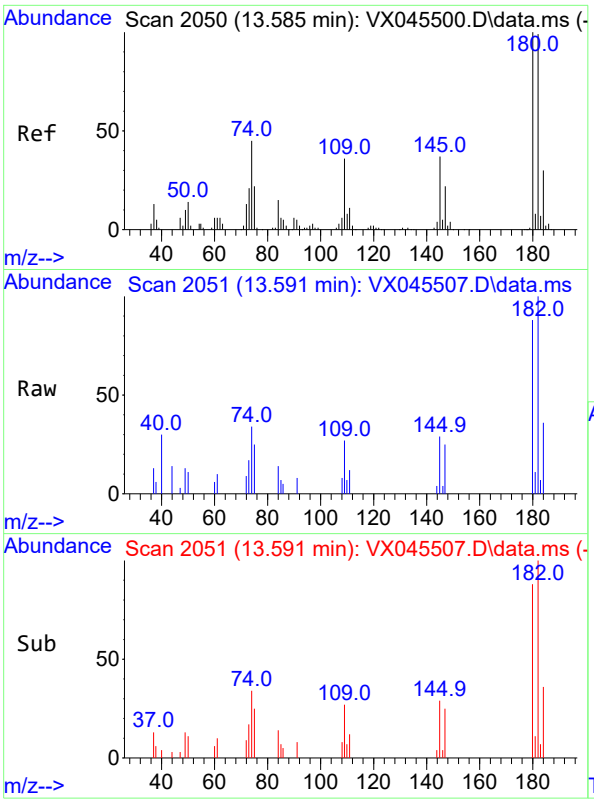


#69
1,3,5-Trichlorobenzene
Concen: 2.33 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. 0.006 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Tgt Ion:180 Resp: 2589

Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.0	115.6
184	29.0	24.0	36.0
145	31.6	26.2	39.4



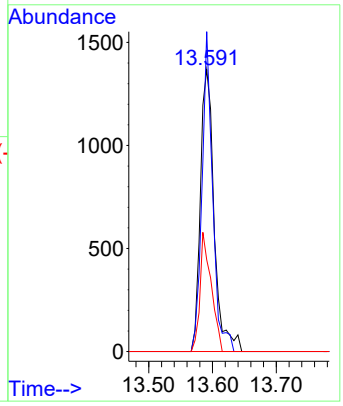


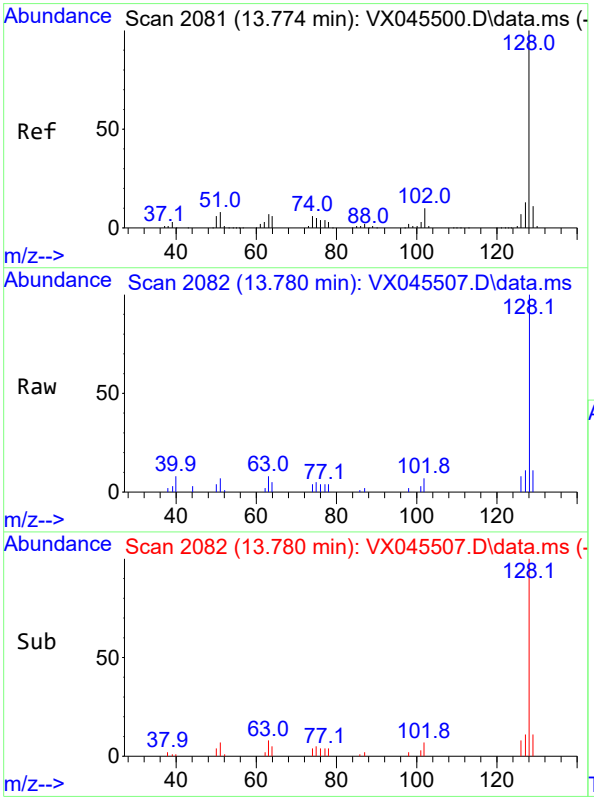
#70
1,2,4-trichlorobenzene
Concen: 2.09 ug/L m
RT: 13.591 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2025-01

Tgt Ion:180 Resp: 2047

Ion	Ratio	Lower	Upper
180	100		
182	85.5	76.5	114.7
145	34.7	27.0	40.4

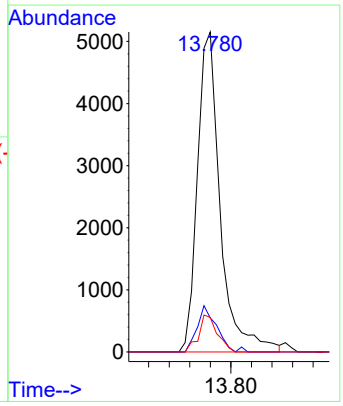


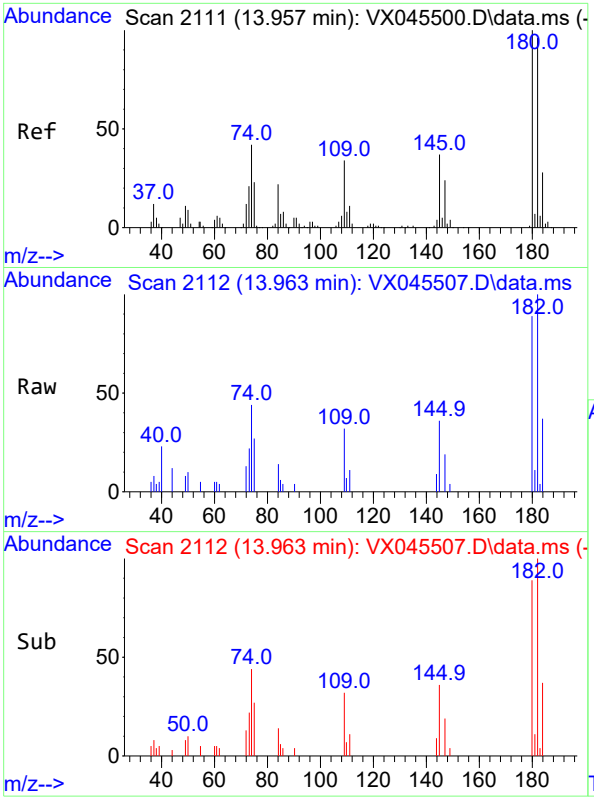


#71
Naphthalene
Concen: 2.14 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Tgt Ion:128 Resp: 7944

Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.1	15.1
129	9.4	8.7	13.1





#72
1,2,3-Trichlorobenzene
Concen: 2.22 ug/L
RT: 13.963 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045507.D
Acq: 28 Mar 2025 15:41

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2025-01

Tgt Ion:180 Resp: 2235

Ion	Ratio	Lower	Upper
180	100		
182	89.8	77.1	115.7
145	38.5	28.3	42.5