Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
Data File : VX045270.D
Acq On : 13 Mar 2025 15:33
Operator : JC/MD
Sample : Q1559-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20250310

Quant Time: Mar 14 12:28:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	71598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	141729	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63045	55.357	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.720%			
35) Dibromofluoromethane	5.385	113	49789	52.536	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.080%			
50) Toluene-d8	8.647	98	177503	51.663	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.320%			
62) 4-Bromofluorobenzene	11.079	95	61704	54.197	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	289	0.321	ug/l	70
7) Trichlorofluoromethane	1.868	101	496	0.342	ug/l #	79
8) Diethyl Ether	2.325	74	907	1.601	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	2.319	101	943563	1133.889	ug/l	98
11) Tert butyl alcohol	2.928	59	206	0.955	ug/l #	73
12) 1,1-Dichloroethene	2.313	96	7686	8.736	ug/l	83
13) Acrolein	2.319	56	99	0.397	ug/l #	15
16) Acetone	2.374	43	641	1.213	ug/l #	82
22) Diisopropyl ether	3.776	45	838	0.263	ug/l #	64
24) 1,1-Dichloroethane	3.611	63	842	0.472	ug/l #	83
27) cis-1,2-Dichloroethene	4.483	96	5875	5.476	ug/l	93
30) Chloroform	5.099	83	908	0.512	ug/l	88
31) Cyclohexane	5.550	56	2048	1.322	ug/l #	9
32) 1,1,1-Trichloroethane	5.373	97	446	0.311	ug/l #	49
36) 1,1-Dichloropropene	5.550	75	6504	5.004	ug/l #	51
38) Carbon Tetrachloride	5.672	117	273	0.207	ug/l #	12
39) Methylcyclohexane	7.123	83	2744	1.762	ug/l #	1
42) 1,2-Dichloroethane	6.098	62	937	0.634	ug/l #	75
44) Trichloroethene	7.117	130	208649	216.513	ug/l	97
45) 1,2-Dichloropropane	7.427	63	1985	1.881	ug/l #	89
48) Methyl methacrylate	7.434	41	1404	1.130	ug/l #	48
49) 1,4-Dioxane	7.702	88	586	22.360	ug/l #	23
51) 4-Methyl-2-Pentanone	8.641	43	965	0.580	ug/l #	1
60) Dibromochloromethane	9.269	129	295397	284.997	ug/l #	11
64) Tetrachloroethene	9.269	164	293280	354.736	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	33717	26.134	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	33717	89.437	ug/l #	6

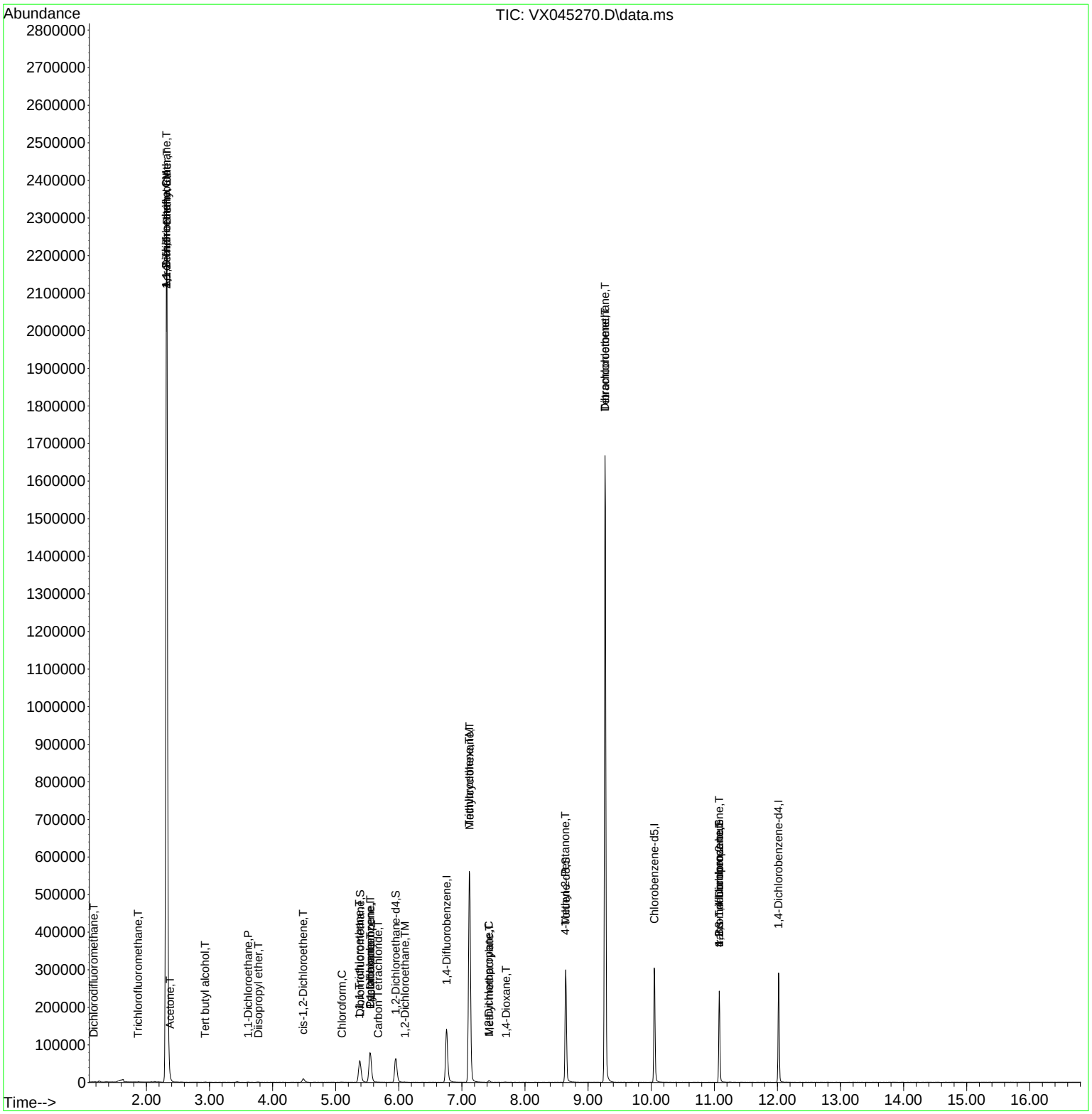
(#) = qualifier out of range (m) = manual integration (+) = signals summed

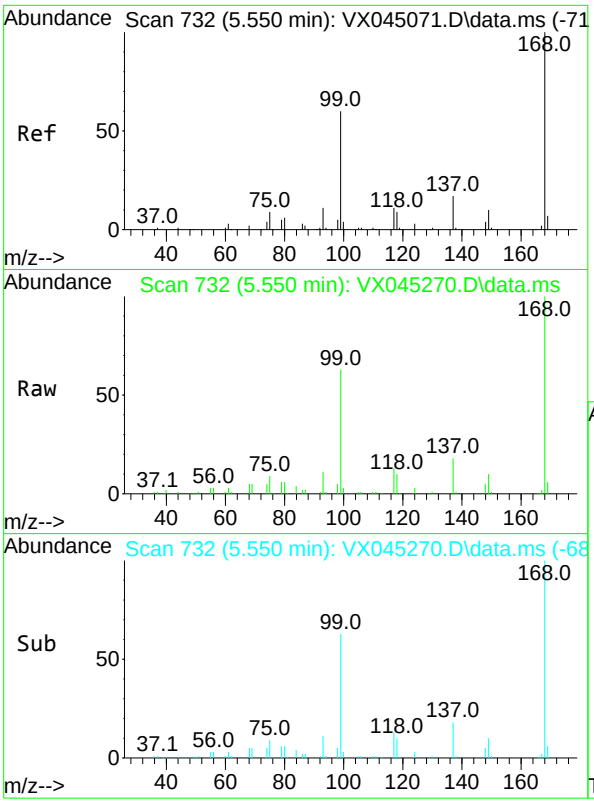
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
Data File : VX045270.D
Acq On : 13 Mar 2025 15:33
Operator : JC/MD
Sample : Q1559-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20250310

Quant Time: Mar 14 12:28:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



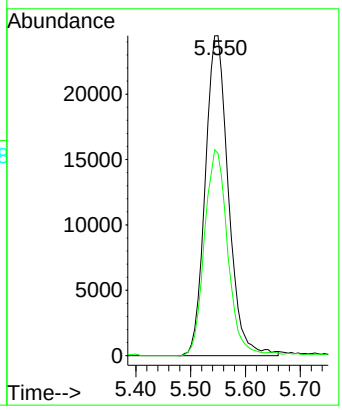


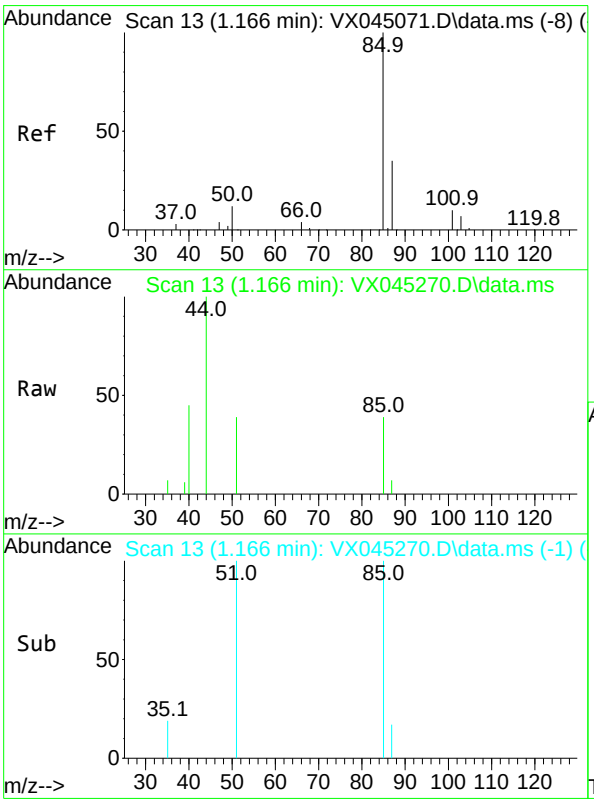
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20250310

Tgt Ion:168 Resp: 71598

Ion	Ratio	Lower	Upper
168	100		
99	63.2	48.2	72.4

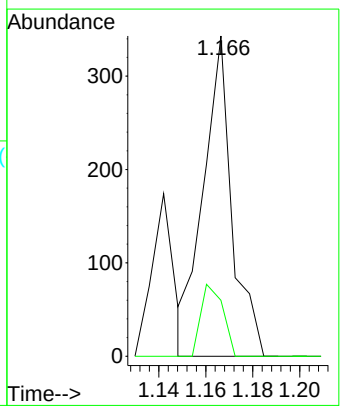


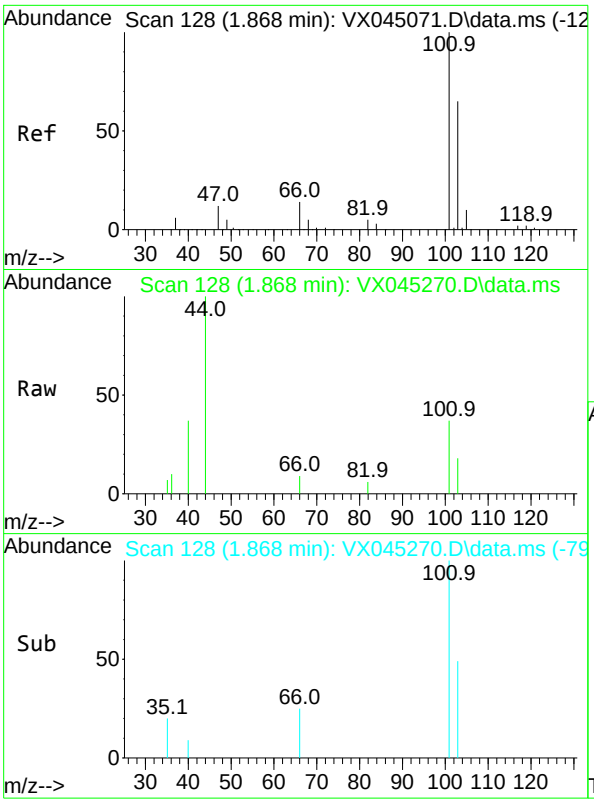


#2
Dichlorodifluoromethane
Concen: 0.321 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Tgt Ion: 85 Resp: 289

Ion	Ratio	Lower	Upper
85	100		
87	17.5	17.4	52.3



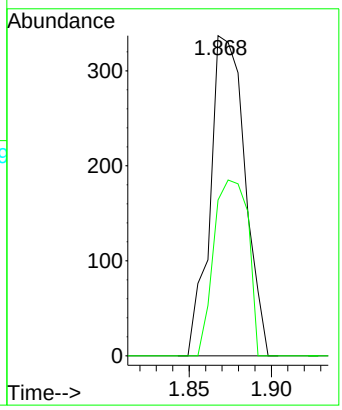


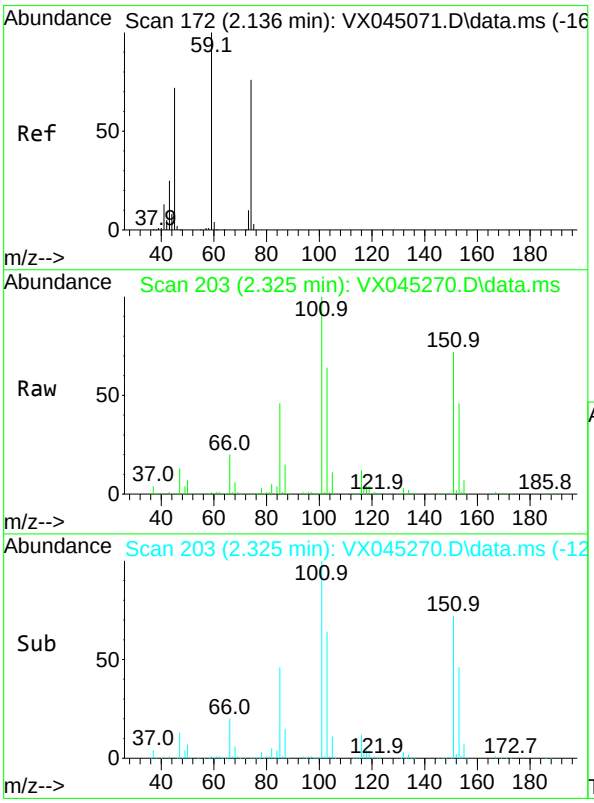
#7
Trichlorofluoromethane
Concen: 0.342 ug/l
RT: 1.868 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20250310

Tgt Ion:101 Resp: 496

Ion	Ratio	Lower	Upper
101	100		
103	48.7	52.1	78.1#

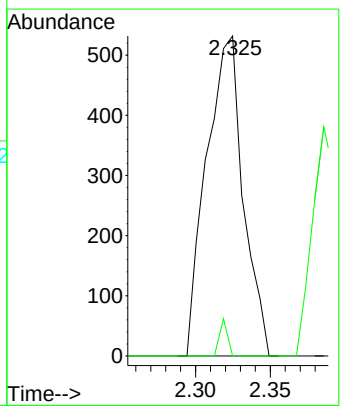


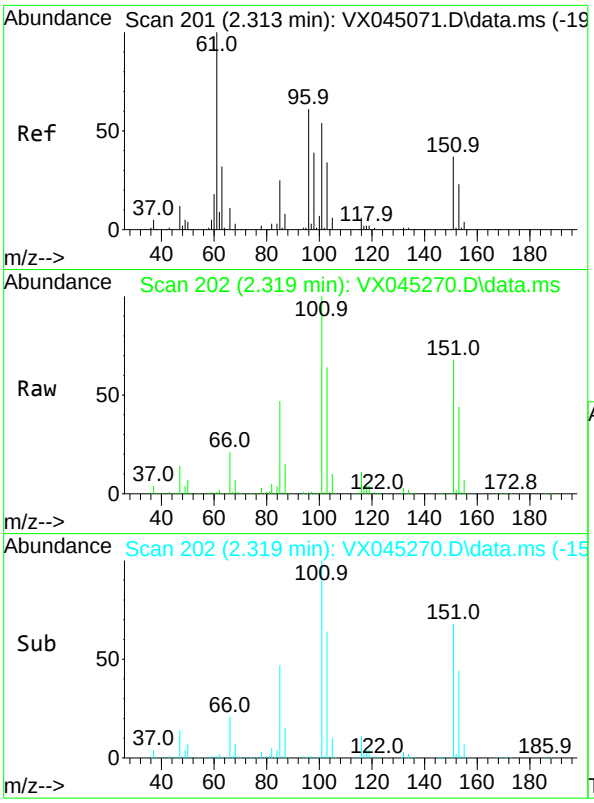


#8
Diethyl Ether
Concen: 1.601 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.189 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Tgt Ion: 74 Resp: 907

Ion	Ratio	Lower	Upper
74	100		
45	2.5	51.5	154.5#



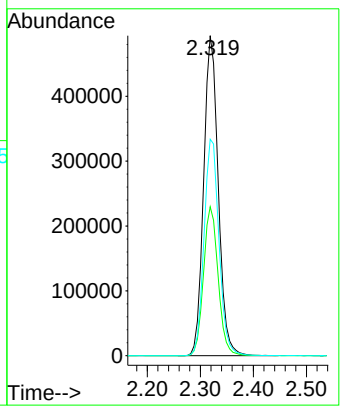


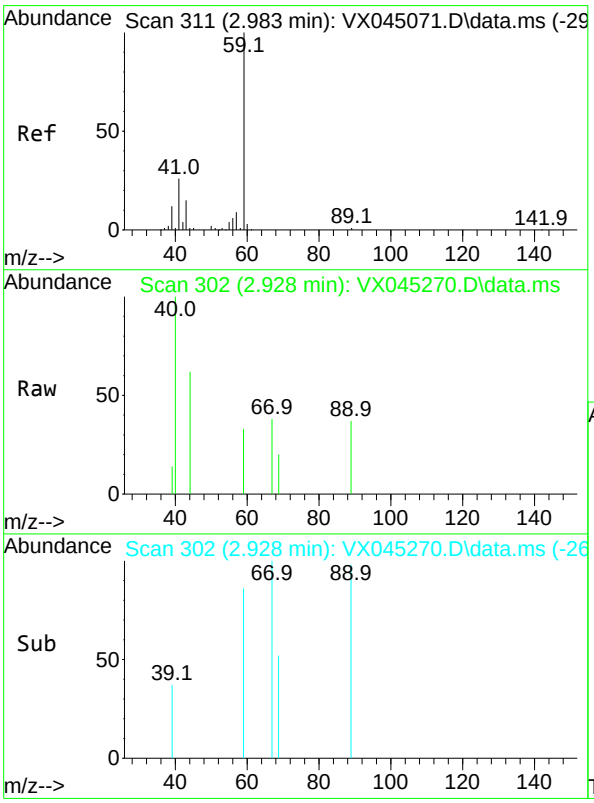
#9
1,1,2-Trichlorotrifluoroethane
Concen: 1133.889 ug/l
RT: 2.319 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20250310

Tgt Ion:101 Resp: 943563

Ion	Ratio	Lower	Upper
101	100		
85	46.6	36.2	54.4
151	69.3	56.4	84.6

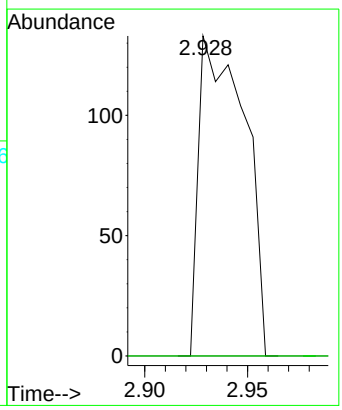


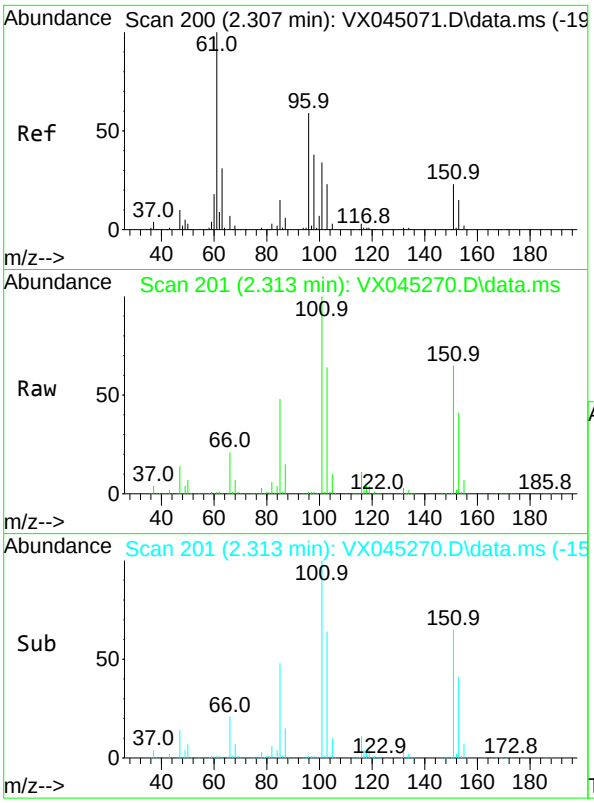


#11
Tert butyl alcohol
Concen: 0.955 ug/l
RT: 2.928 min Scan# 302
Delta R.T. -0.055 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Tgt Ion: 59 Resp: 206

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#



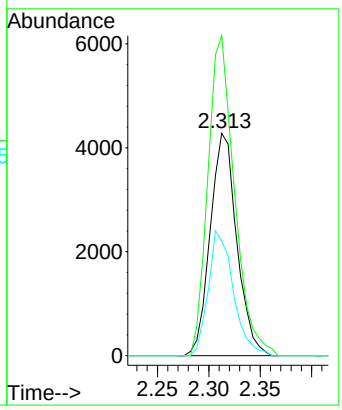


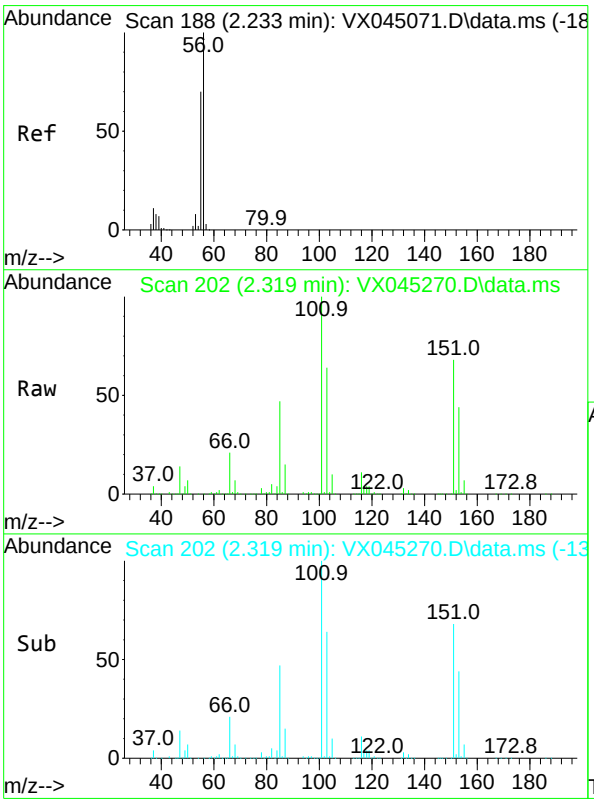
#12
1,1-Dichloroethene
Concen: 8.736 ug/l
RT: 2.313 min Scan# 2(
Delta R.T. 0.006 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20250310

Tgt Ion: 96 Resp: 7686

Ion	Ratio	Lower	Upper
96	100		
61	143.9	134.6	202.0
98	51.5	51.0	76.6

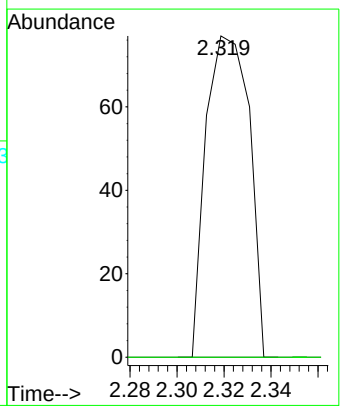


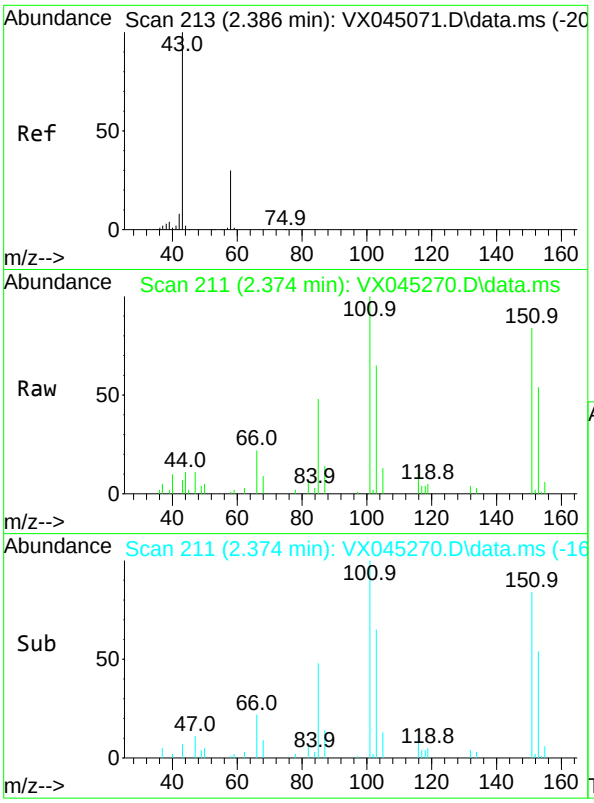


#13
Acrolein
Concen: 0.397 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.085 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Tgt Ion: 56 Resp: 99

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.2	84.4#



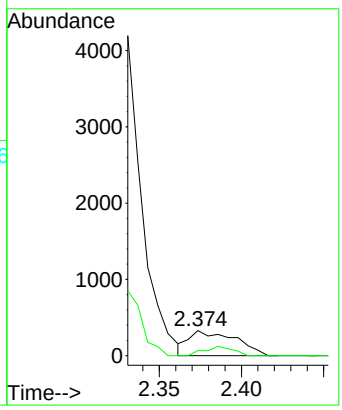


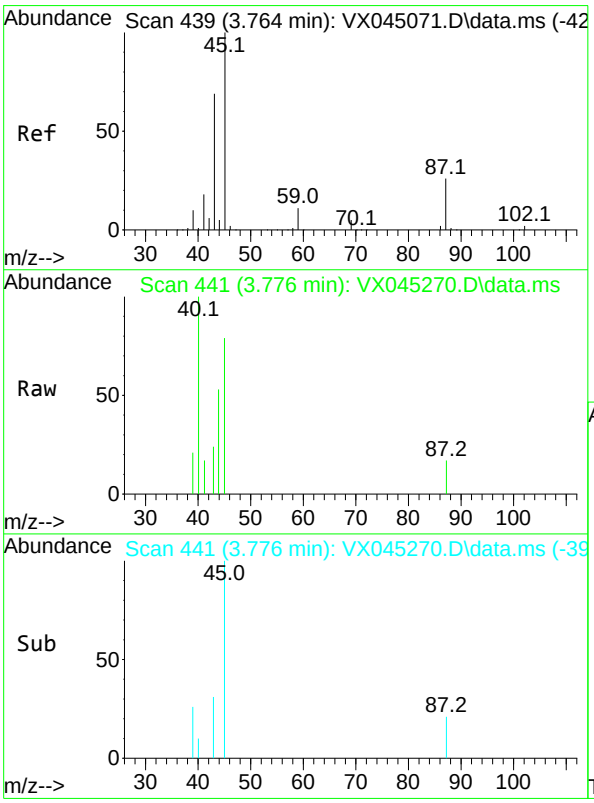
#16
Acetone
Concen: 1.213 ug/l
RT: 2.374 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20250310

Tgt Ion: 43 Resp: 641

Ion	Ratio	Lower	Upper
43	100		
58	20.3	24.2	36.4#

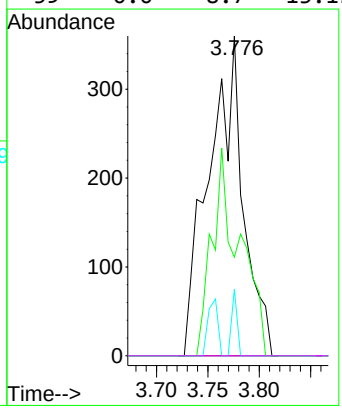


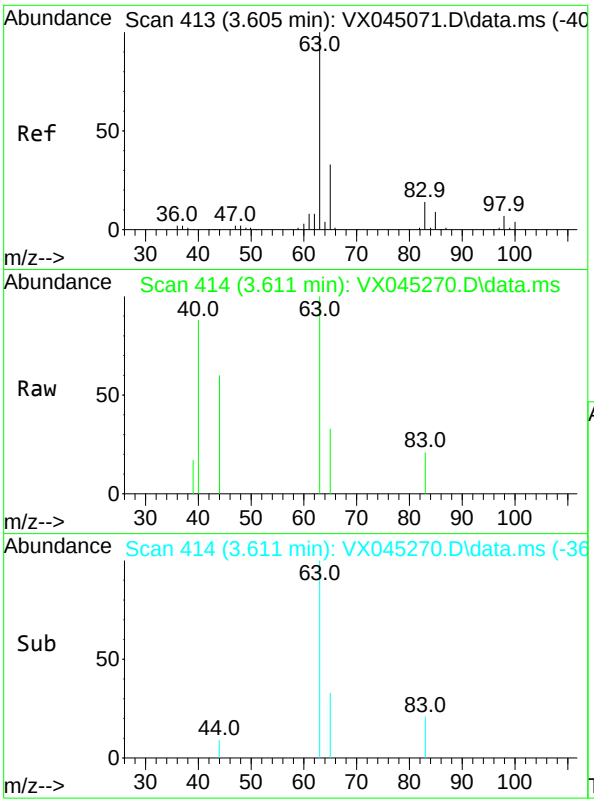


#22
Diisopropyl ether
Concen: 0.263 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.012 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Tgt Ion: 45 Resp: 838

Ion	Ratio	Lower	Upper
45	100		
43	30.8	54.9	82.3#
87	20.8	21.0	31.4#
59	0.0	8.7	13.1#



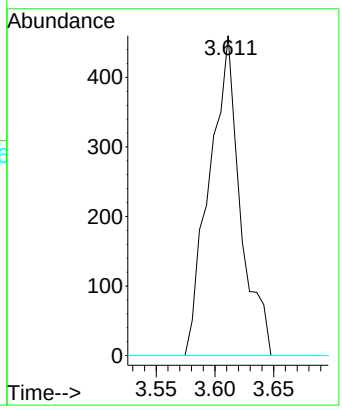


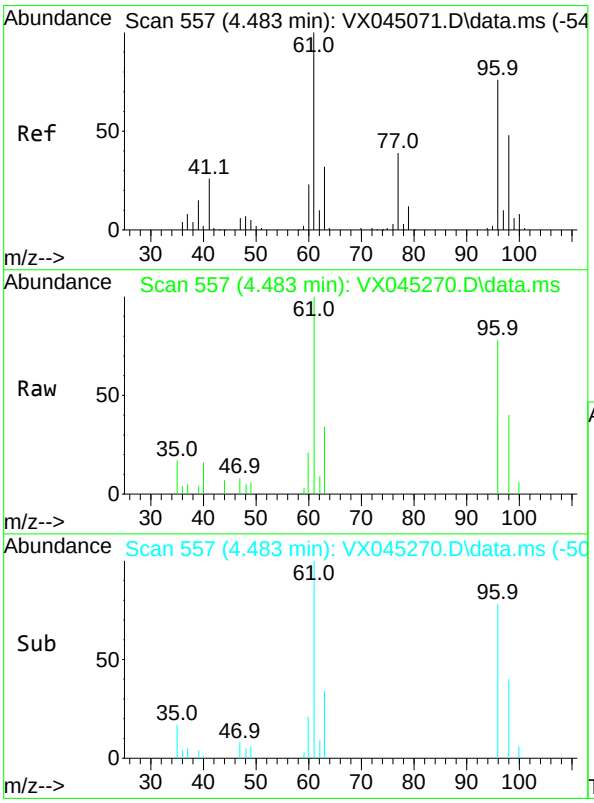
#24
1,1-Dichloroethane
Concen: 0.472 ug/l
RT: 3.611 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20250310

Tgt Ion: 63 Resp: 842

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.4	10.2#
100	0.0	2.1	6.5#

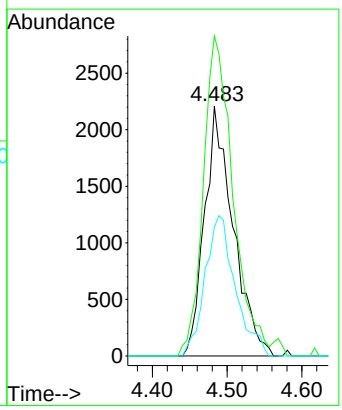


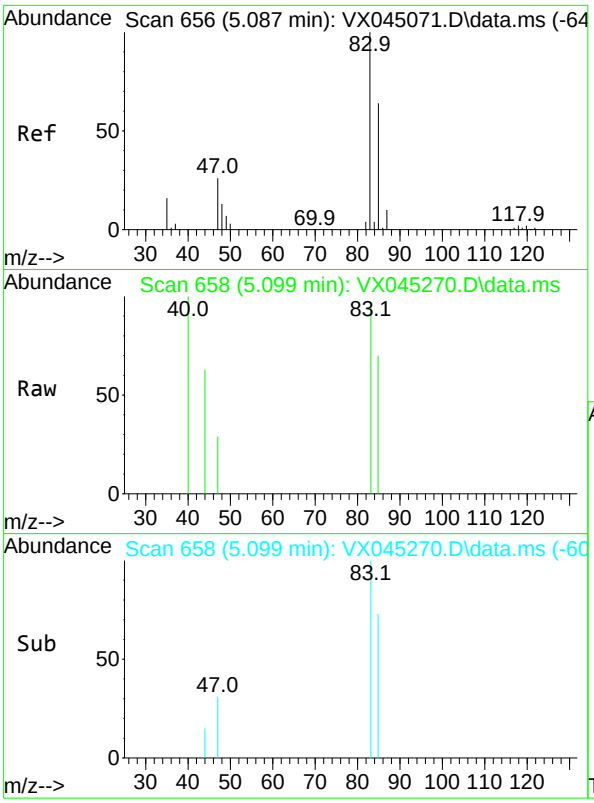


#27
cis-1,2-Dichloroethene
Concen: 5.476 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Tgt Ion: 96 Resp: 5875

Ion	Ratio	Lower	Upper
96	100		
61	133.0	0.0	283.2
98	59.3	0.0	128.0



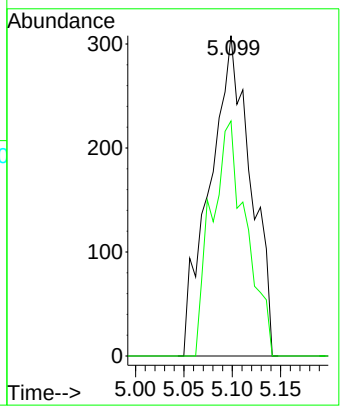


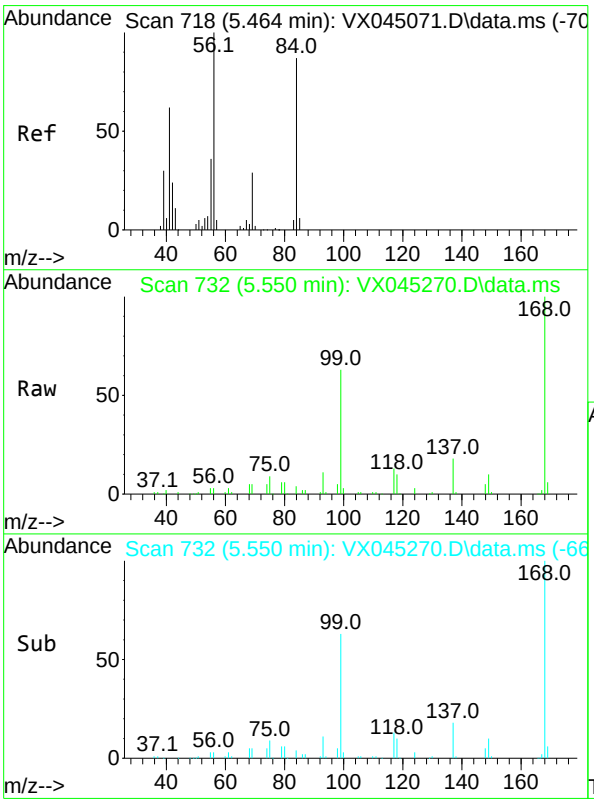
#30
Chloroform
Concen: 0.512 ug/l
RT: 5.099 min Scan# 6
Delta R.T. 0.012 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20250310

Tgt Ion: 83 Resp: 908

Ion	Ratio	Lower	Upper
83	100		
85	73.4	51.4	77.2

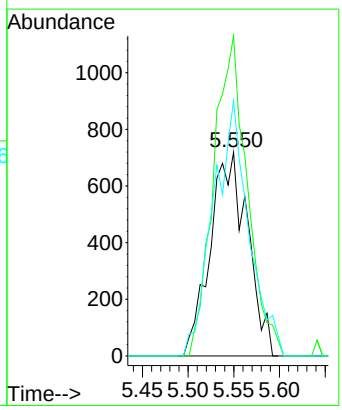


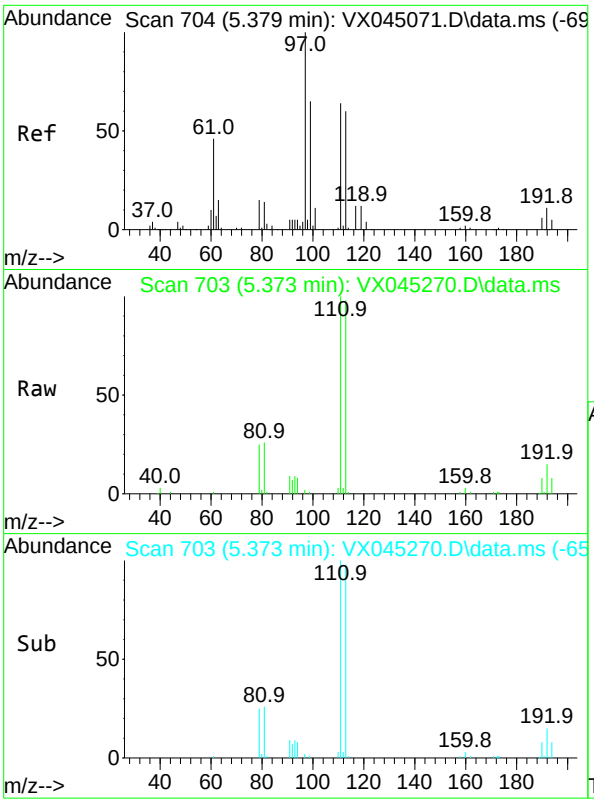


#31
Cyclohexane
Concen: 1.322 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Tgt Ion: 56 Resp: 2048

Ion	Ratio	Lower	Upper
56	100		
69	157.2	23.4	35.2#
84	125.3	69.4	104.2#



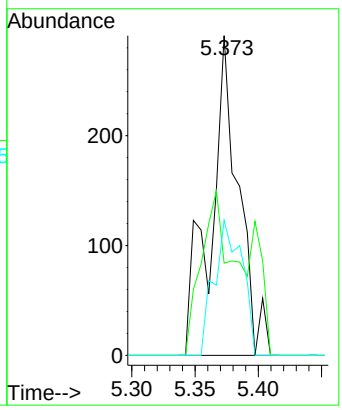


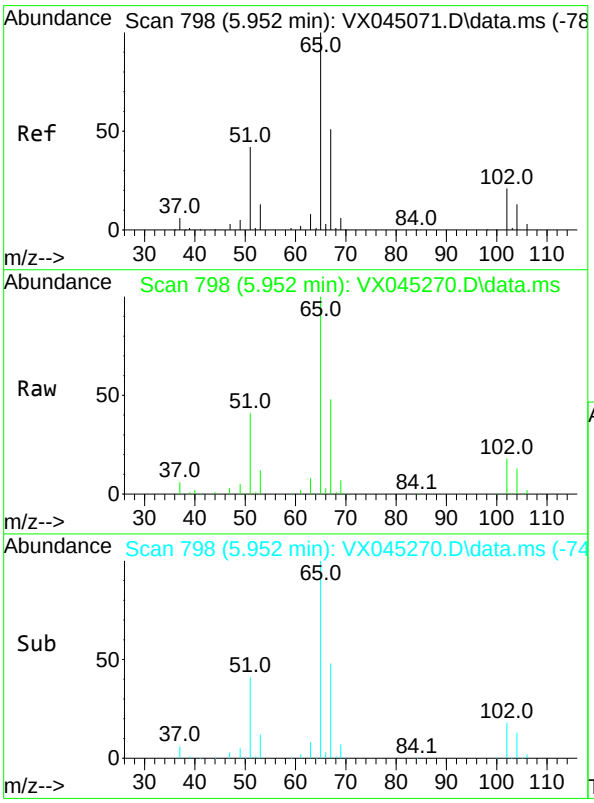
#32
1,1,1-Trichloroethane
Concen: 0.311 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20250310

Tgt Ion: 97 Resp: 446

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.6	77.4#
61	42.4	38.4	57.6

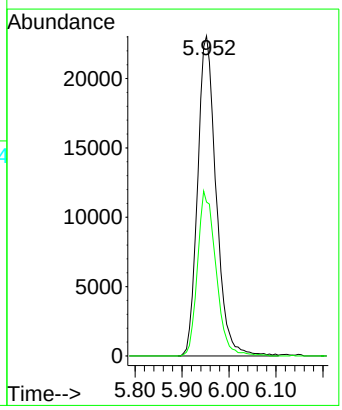


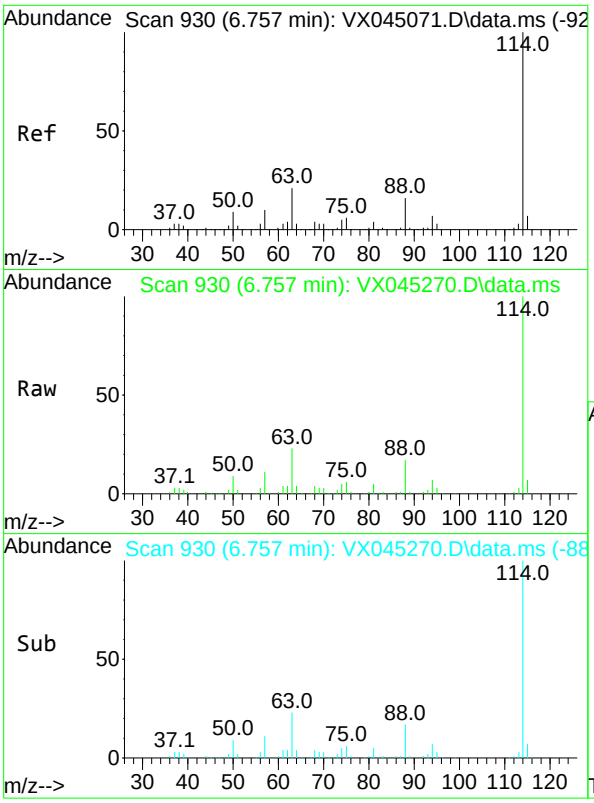


#33
1,2-Dichloroethane-d4
Concen: 55.357 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Tgt Ion: 65 Resp: 63045

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	106.2



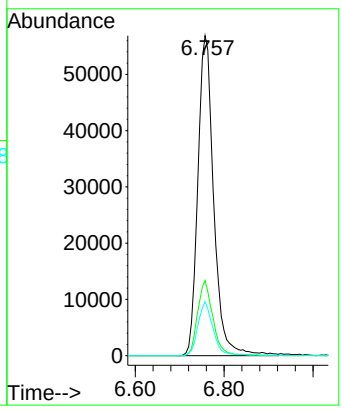


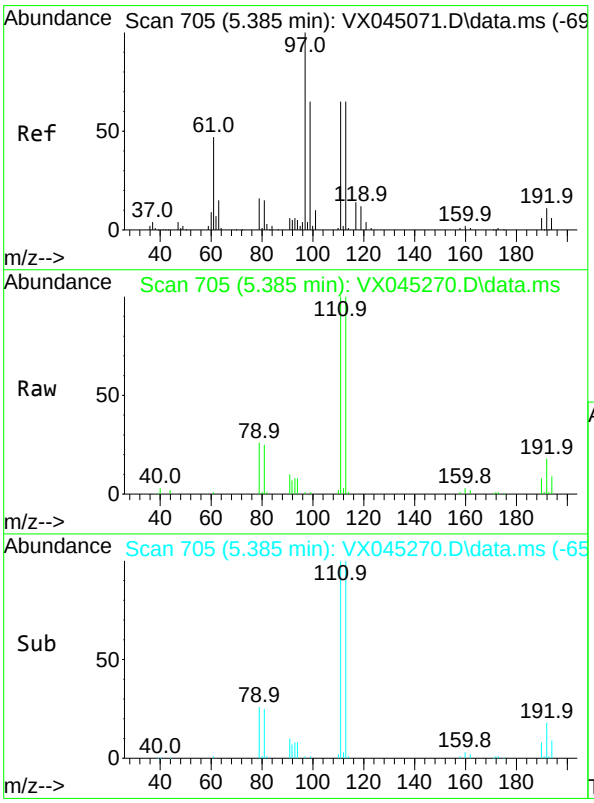
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20250310

Tgt Ion:114 Resp: 141729

Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	41.8
88	16.9	0.0	32.8

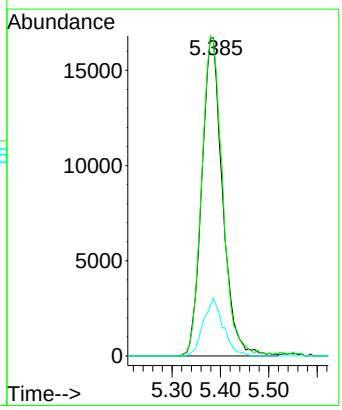


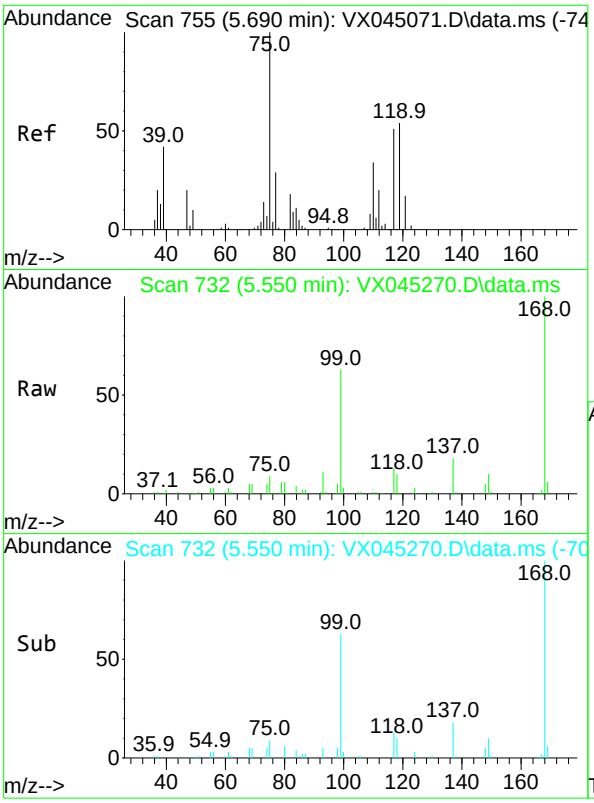


#35
Dibromofluoromethane
Concen: 52.536 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Tgt Ion:113 Resp: 49789

Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.8	122.6
192	17.4	14.3	21.5



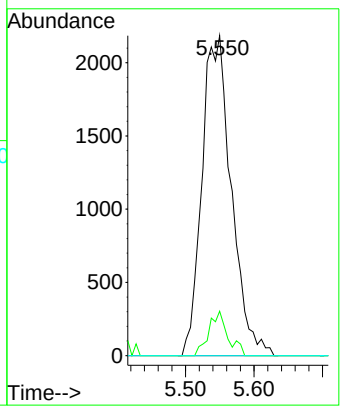


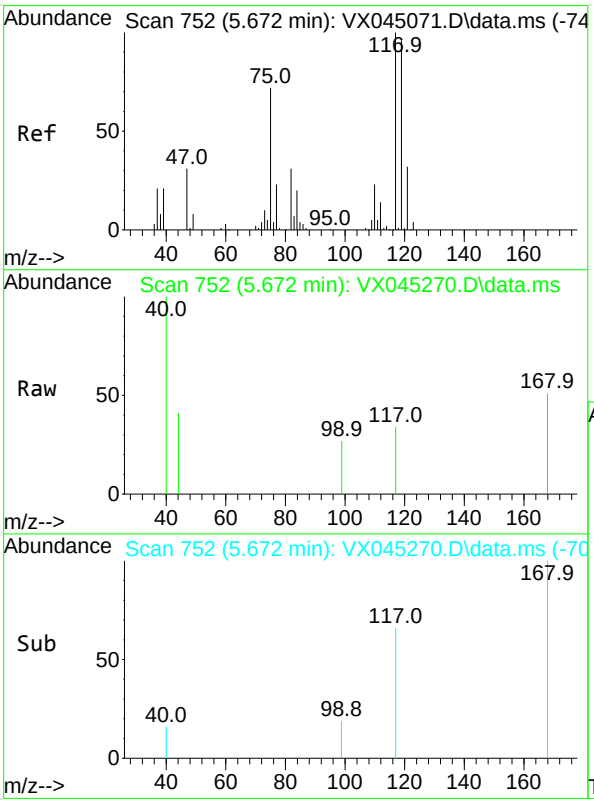
#36
1,1-Dichloropropene
Concen: 5.004 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.140 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20250310

Tgt Ion: 75 Resp: 6504

Ion	Ratio	Lower	Upper
75	100		
110	8.9	16.9	50.6#
77	0.0	24.5	36.7#

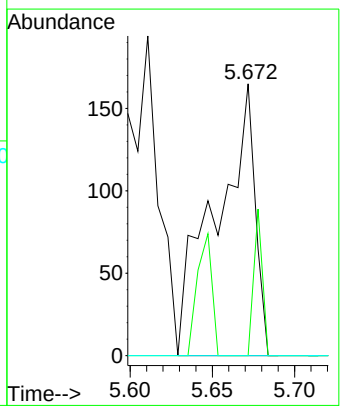


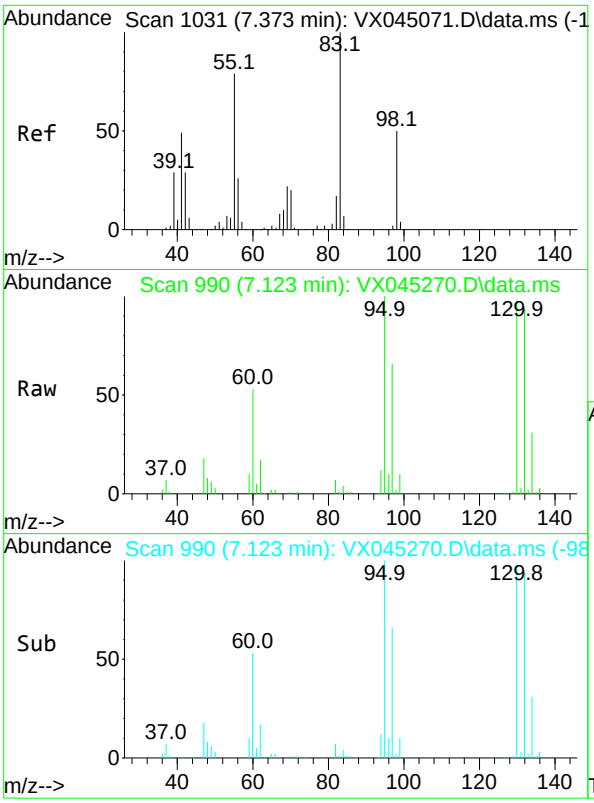


#38
Carbon Tetrachloride
Concen: 0.207 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Tgt Ion:117 Resp: 273

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.7	115.1#
121	0.0	25.5	38.3#



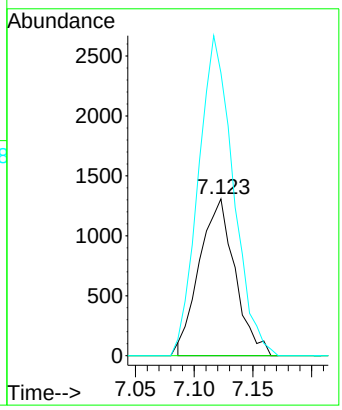


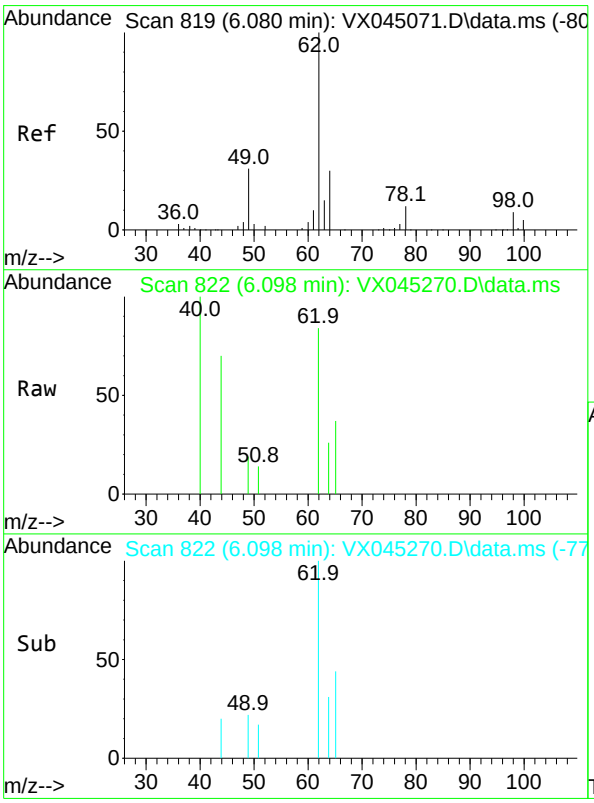
#39
Methylcyclohexane
Concen: 1.762 ug/l
RT: 7.123 min Scan# 9
Delta R.T. -0.250 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20250310

Tgt Ion: 83 Resp: 2744

Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.0	94.4#
98	180.5	39.7	59.5#

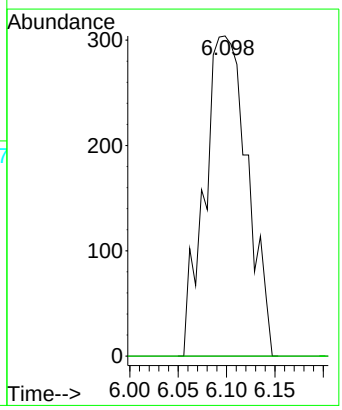


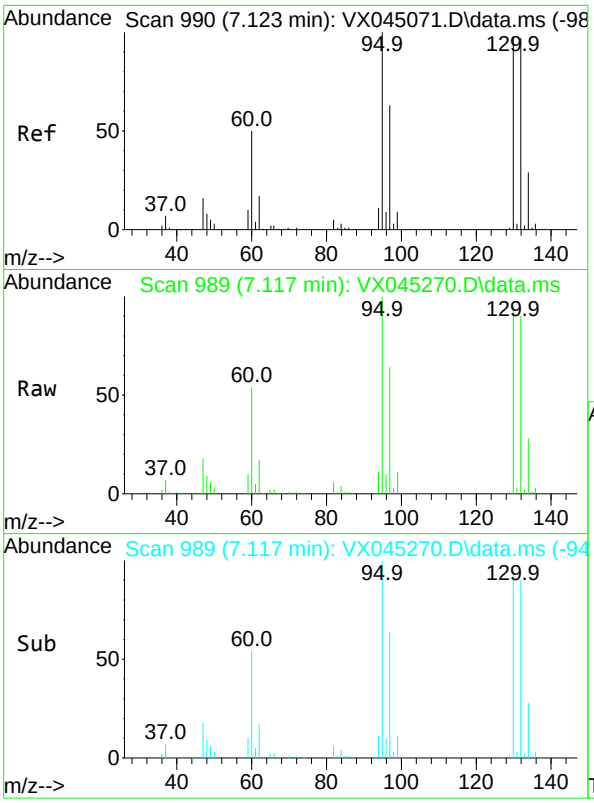


#42
1,2-Dichloroethane
Concen: 0.634 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.018 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Tgt Ion: 62 Resp: 937

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	18.2



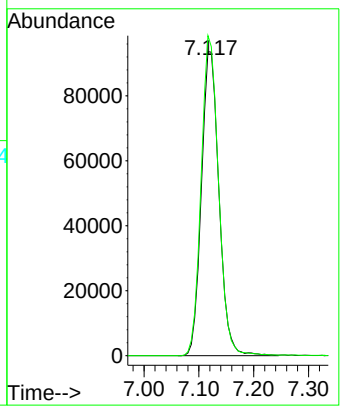


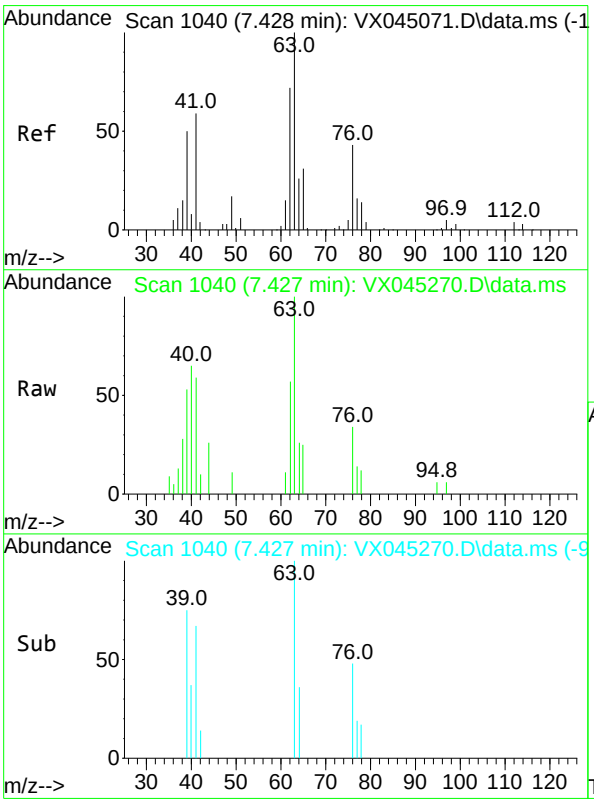
#44
Trichloroethene
Concen: 216.513 ug/l
RT: 7.117 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20250310

Tgt Ion:130 Resp: 208649

Ion	Ratio	Lower	Upper
130	100		
95	105.3	0.0	205.0

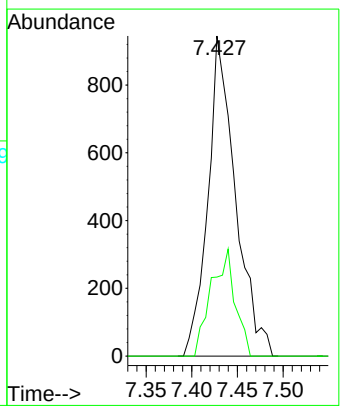


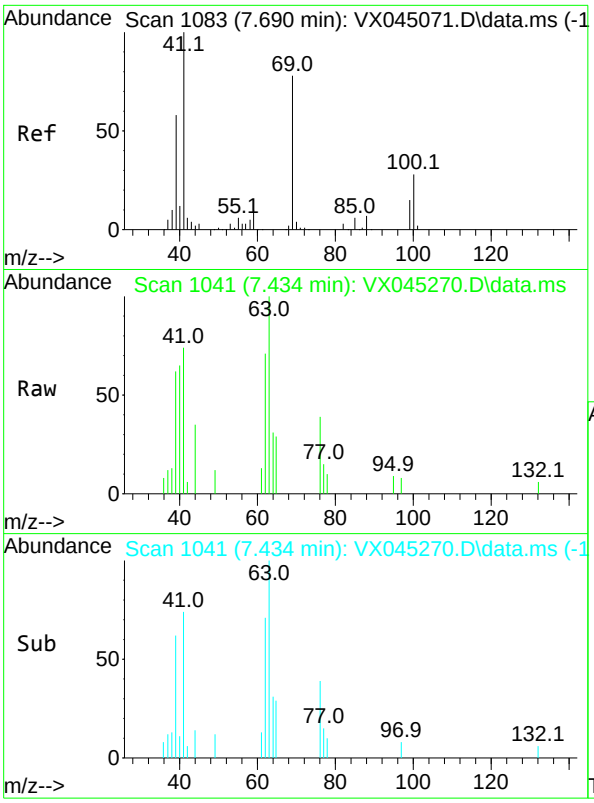


#45
1,2-Dichloropropane
Concen: 1.881 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Tgt Ion: 63 Resp: 1985

Ion	Ratio	Lower	Upper
63	100		
65	24.7	24.7	37.1#



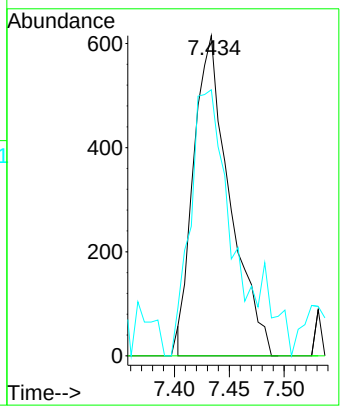


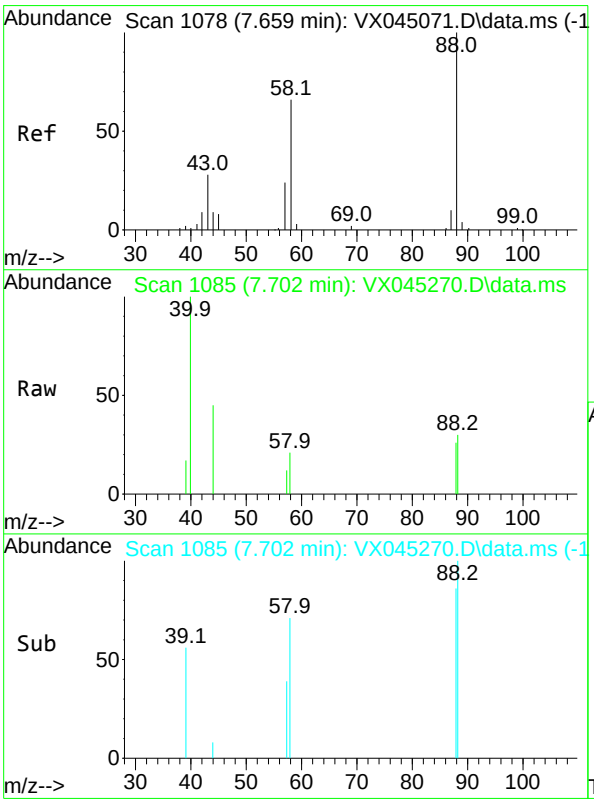
#48
Methyl methacrylate
Concen: 1.130 ug/l
RT: 7.434 min Scan# 1
Delta R.T. -0.256 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20250310

Tgt Ion: 41 Resp: 1404

Ion	Ratio	Lower	Upper
41	100		
69	0.0	63.0	94.6#
39	60.9	47.5	71.3

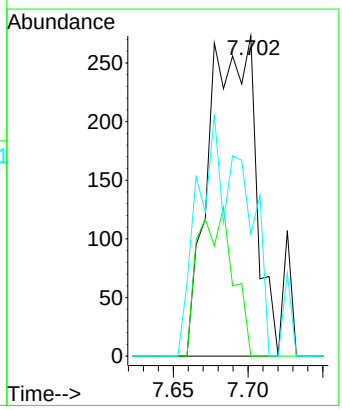


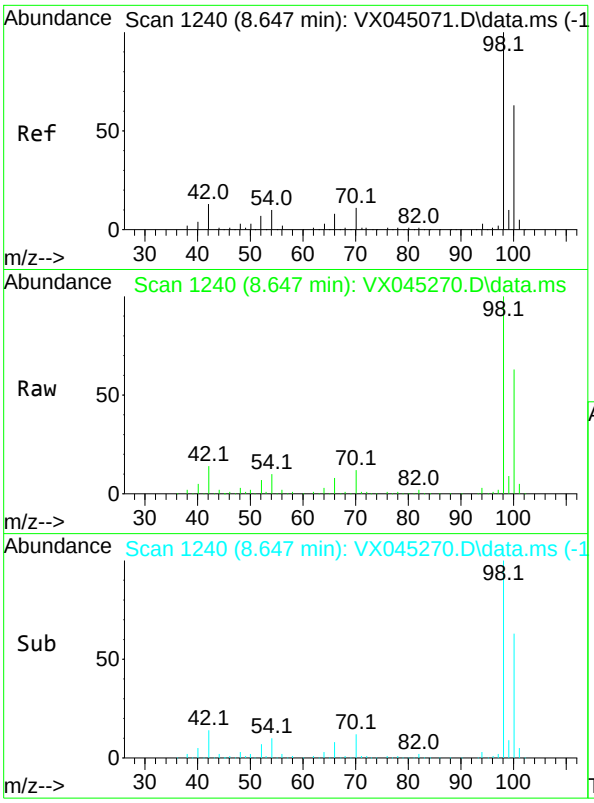


#49
1,4-Dioxane
Concen: 22.360 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.043 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Tgt Ion: 88 Resp: 586

Ion	Ratio	Lower	Upper
88	100		
43	0.0	28.7	43.1#
58	0.0	55.8	83.8#



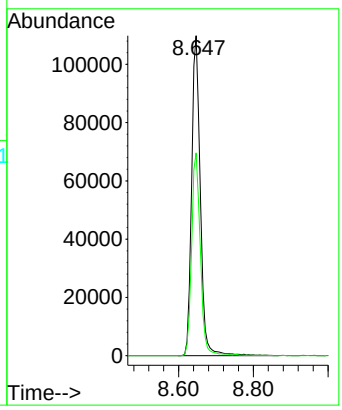


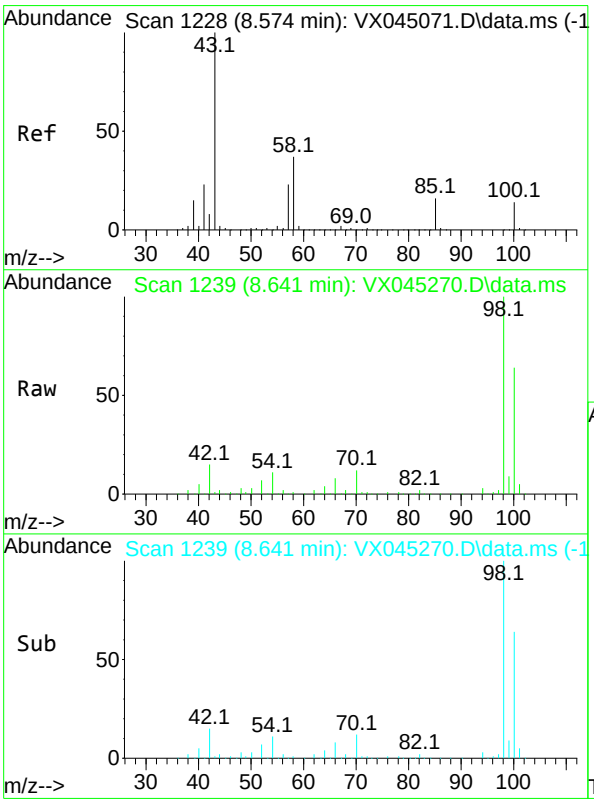
#50
Toluene-d8
Concen: 51.663 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20250310

Tgt Ion: 98 Resp: 177503

Ion	Ratio	Lower	Upper
98	100		
100	63.5	52.0	78.0

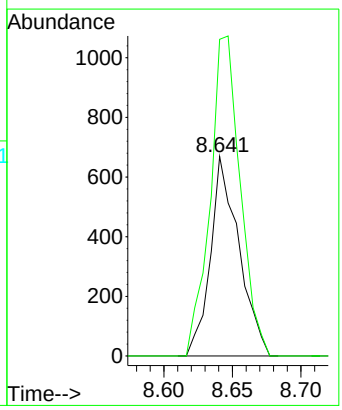


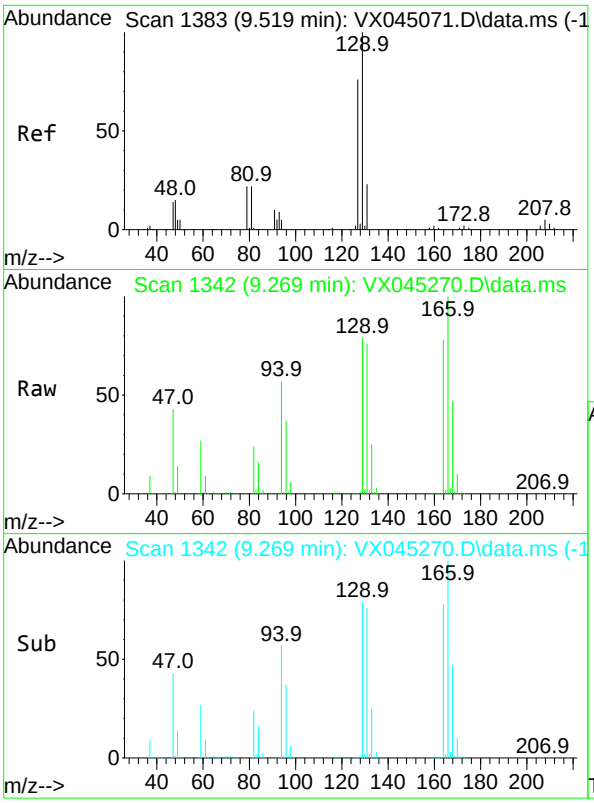


#51
4-Methyl-2-Pentanone
Concen: 0.580 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Tgt Ion: 43 Resp: 965

Ion	Ratio	Lower	Upper
43	100		
58	169.8	29.2	43.8#



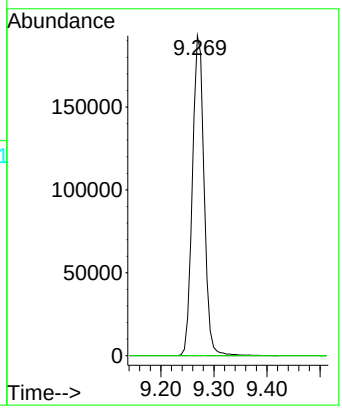


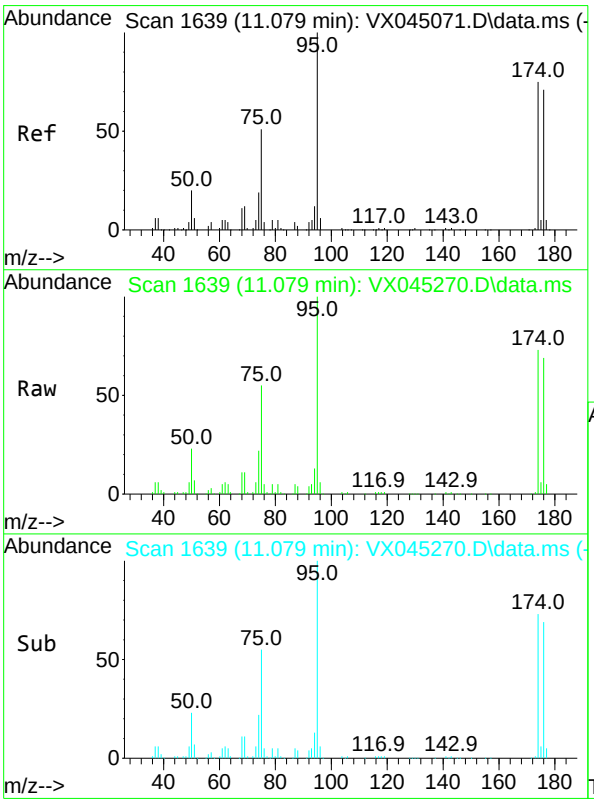
#60
Dibromochloromethane
Concen: 284.997 ug/l
RT: 9.269 min Scan# 1
Delta R.T. -0.250 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20250310

Tgt Ion:129 Resp: 295397

Ion	Ratio	Lower	Upper
129	100		
127	0.1	38.5	115.5#

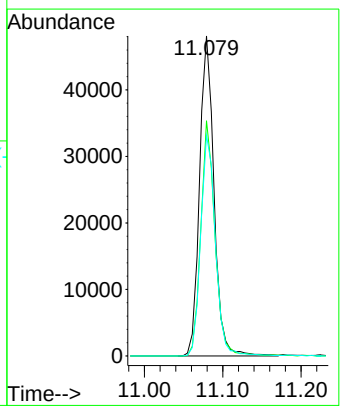


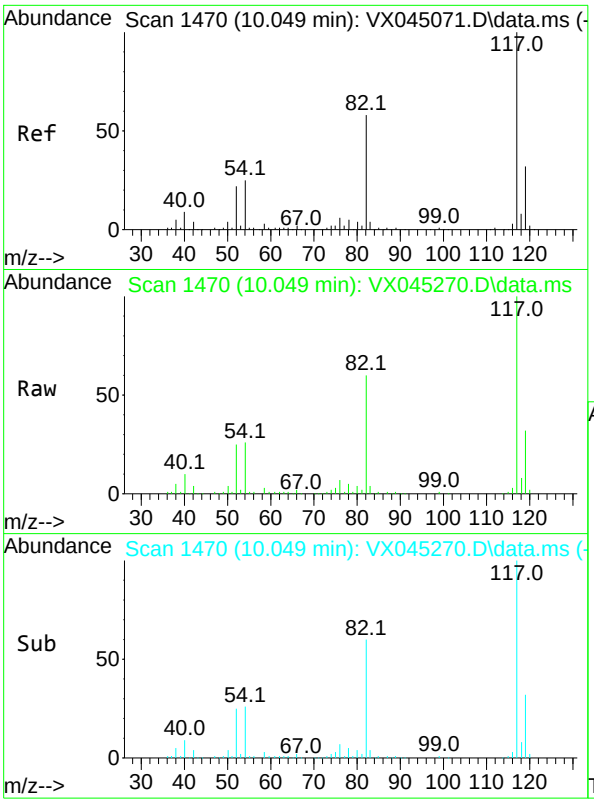


#62
4-Bromofluorobenzene
Concen: 54.197 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Tgt Ion: 95 Resp: 61704

Ion	Ratio	Lower	Upper
95	100		
174	71.8	0.0	148.2
176	70.1	0.0	141.4



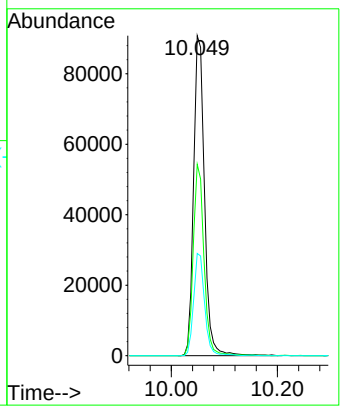


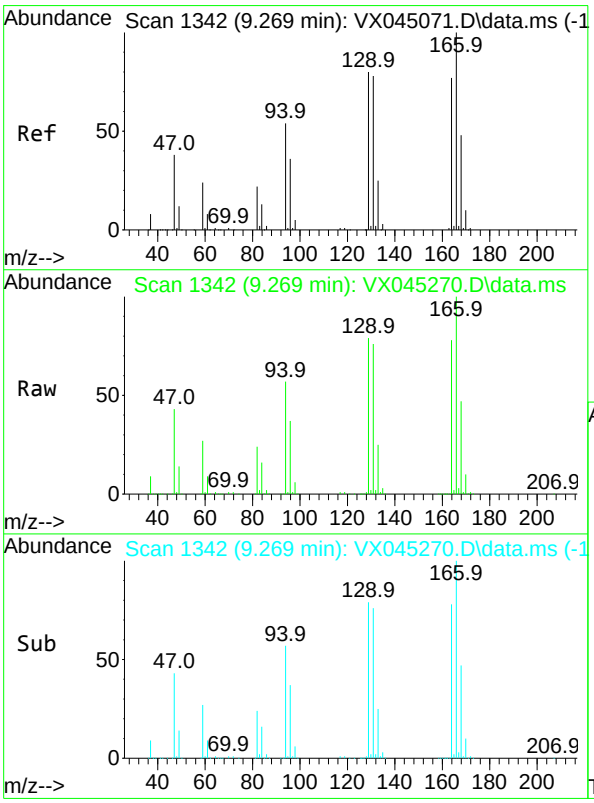
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20250310

Tgt Ion:117 Resp: 129088

Ion	Ratio	Lower	Upper
117	100		
82	59.8	46.3	69.5
119	32.0	25.7	38.5

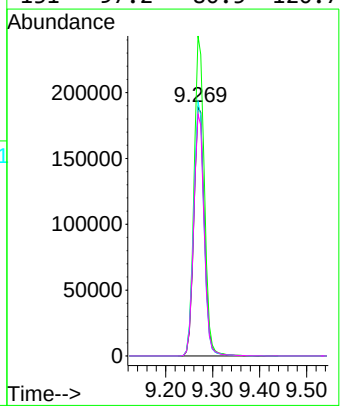


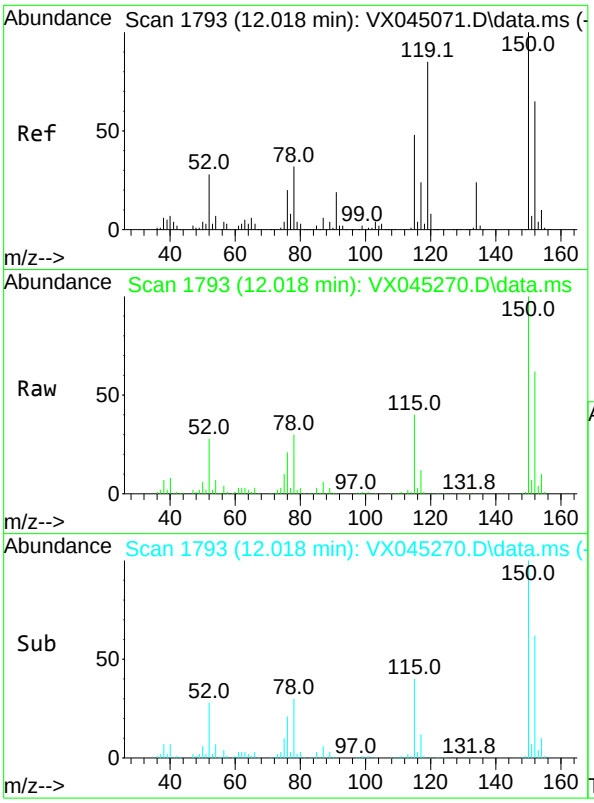


#64
Tetrachloroethene
Concen: 354.736 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Tgt Ion:164 Resp: 293280

Ion	Ratio	Lower	Upper
164	100		
166	128.7	103.6	155.4
129	102.2	82.7	124.1
131	97.2	80.5	120.7



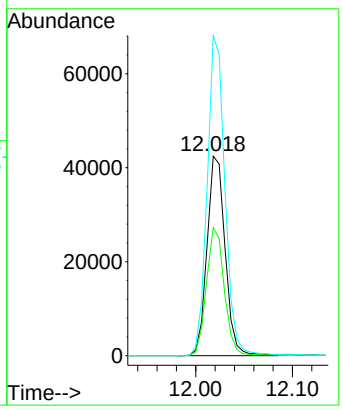


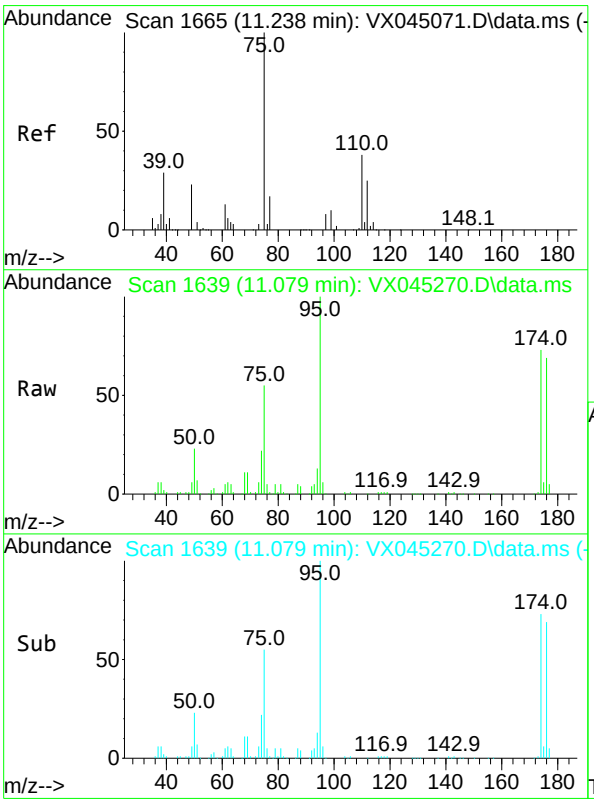
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20250310

Tgt Ion:152 Resp: 55430

Ion	Ratio	Lower	Upper
152	100		
115	63.5	44.2	132.6
150	157.0	0.0	349.0

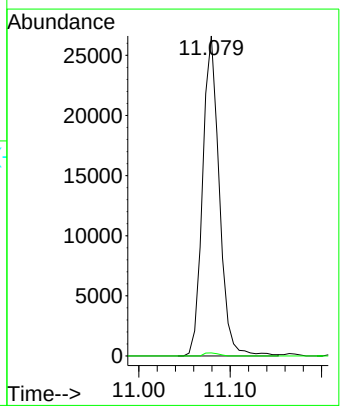


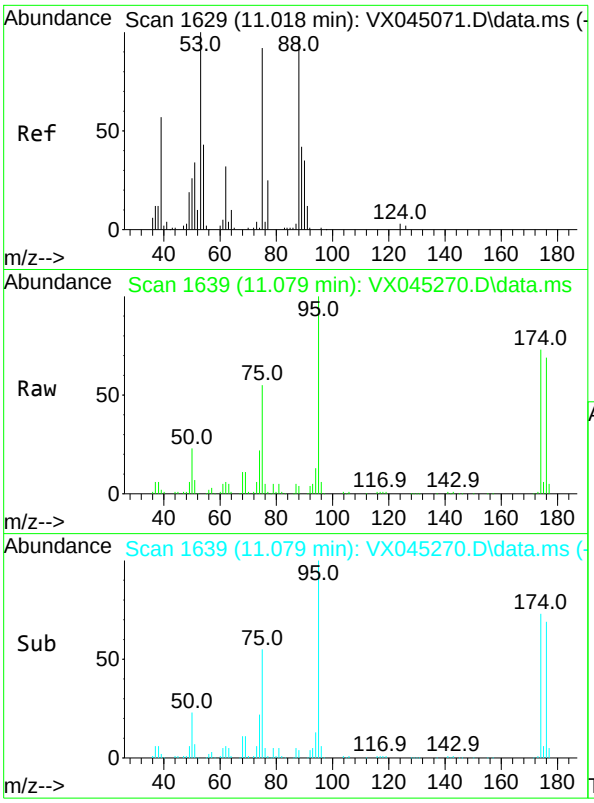


#76
1,2,3-Trichloropropane
Concen: 26.134 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Tgt Ion: 75 Resp: 33717

Ion	Ratio	Lower	Upper
75	100		
77	0.8	20.7	62.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 89.437 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20250310

Tgt Ion: 75 Resp: 33717

Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.5	132.7#
89	0.0	36.2	54.4#