Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102124\
Data File : VX043451.D
Acq On : 21 Oct 2024 13:53
Operator : JC/MD
Sample : P4425-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 21 17:41:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	93277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	170605	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74895	49.164	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.320%			
35) Dibromofluoromethane	5.385	113	56873	48.338	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.680%			
50) Toluene-d8	8.647	98	202531	49.673	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.340%			
62) 4-Bromofluorobenzene	11.079	95	72719	49.093	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.180%			
Target Compounds						Qvalue
5) Bromomethane	1.612	94	347	0.759	ug/l #	52
6) Chloroethane	1.630	64	108	0.259	ug/l #	5
11) Tert butyl alcohol	2.947	59	3740	12.902	ug/l #	71
13) Acrolein	2.240	56	259	0.946	ug/l #	20
14) Allyl chloride	2.654	41	649	0.381	ug/l #	31
15) Acrylonitrile	3.087	53	173	0.292	ug/l #	73
16) Acetone	2.386	43	34499	54.230	ug/l	91
18) Methyl Acetate	2.715	43	1642	1.029	ug/l	99
20) Methylene Chloride	2.788	84	3237	2.760	ug/l #	84
23) Vinyl Acetate	3.739	43	194	6.390	ug/l #	71
25) 2-Butanone	4.593	43	2668	3.059	ug/l #	80
29) Tetrahydrofuran	5.050	42	838	1.508	ug/l #	38
31) Cyclohexane	5.550	56	2098	1.276	ug/l #	15
36) 1,1-Dichloropropene	5.550	75	8134	5.472	ug/l #	52
37) Ethyl Acetate	4.751	43	1895	1.062	ug/l #	74
38) Carbon Tetrachloride	5.556	117	10494	5.964	ug/l #	14
43) Isopropyl Acetate	6.342	43	89558	30.377	ug/l	99
48) Methyl methacrylate	7.799	41	75551	52.227	ug/l #	44
49) 1,4-Dioxane	7.793	88	117	4.161	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	67723	37.821	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	28487	15.341	ug/l #	63
57) 1,3-Dichloropropane	9.482	76	3265	1.708	ug/l #	43
59) 2-Hexanone	9.482	43	52122	38.492	ug/l #	52
68) m/p-Xylenes	10.317	106	464	0.223	ug/l	86
74) N-amyl acetate	10.817	43	633	0.272	ug/l #	47
76) 1,2,3-Trichloropropane	11.079	75	40096	28.681	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	40096	74.332	ug/l #	8
87) 1,3-Dichlorobenzene	11.969	146	437	0.208	ug/l	95
88) 1,4-Dichlorobenzene	11.969	146	437	0.202	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	646	0.522	ug/l	91
95) Naphthalene	13.780	128	3837	0.843	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	672	0.526	ug/l	80

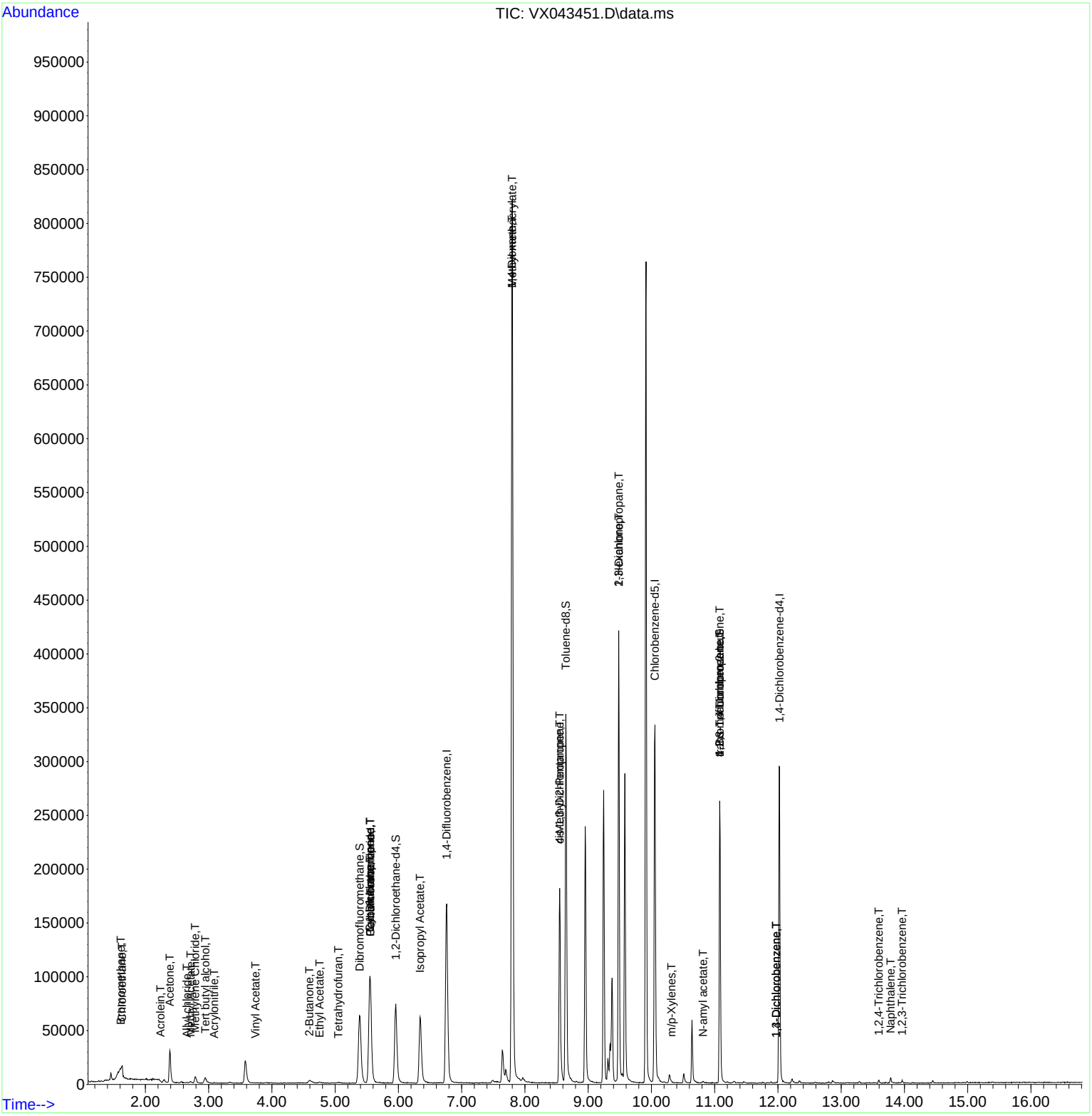
(#) = qualifier out of range (m) = manual integration (+) = signals summed

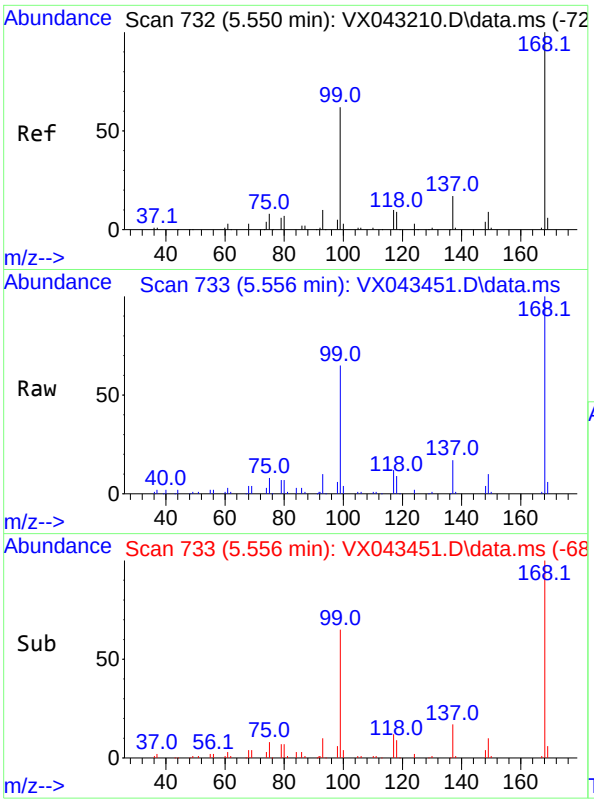
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102124\
Data File : VX043451.D
Acq On : 21 Oct 2024 13:53
Operator : JC/MD
Sample : P4425-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 21 17:41:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration



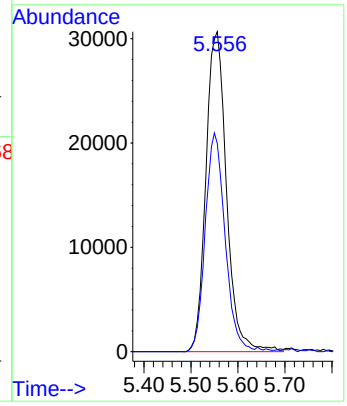


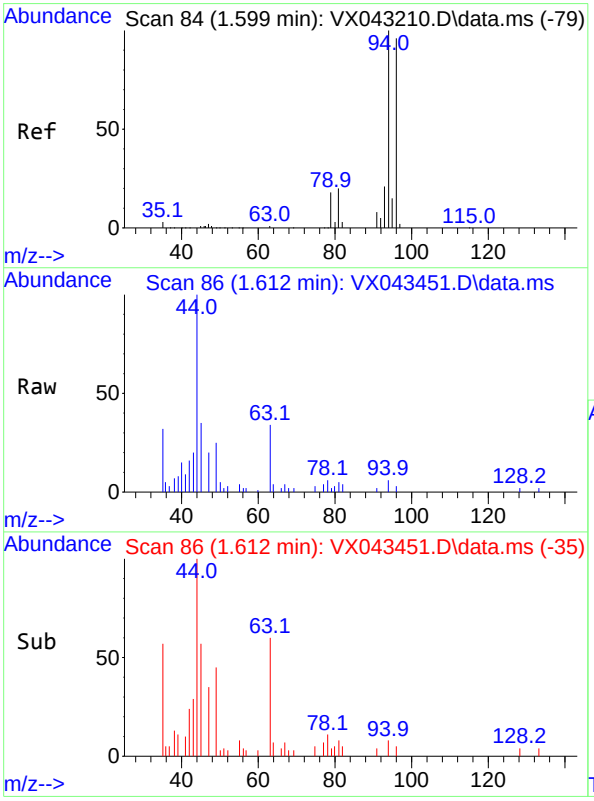
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 93277

Ion	Ratio	Lower	Upper
168	100		
99	65.0	49.7	74.5

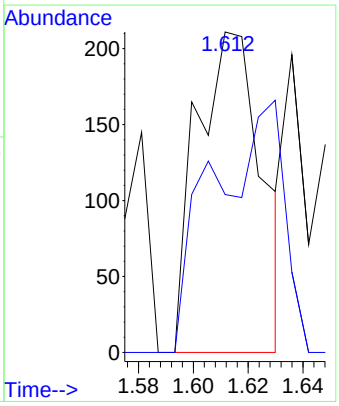


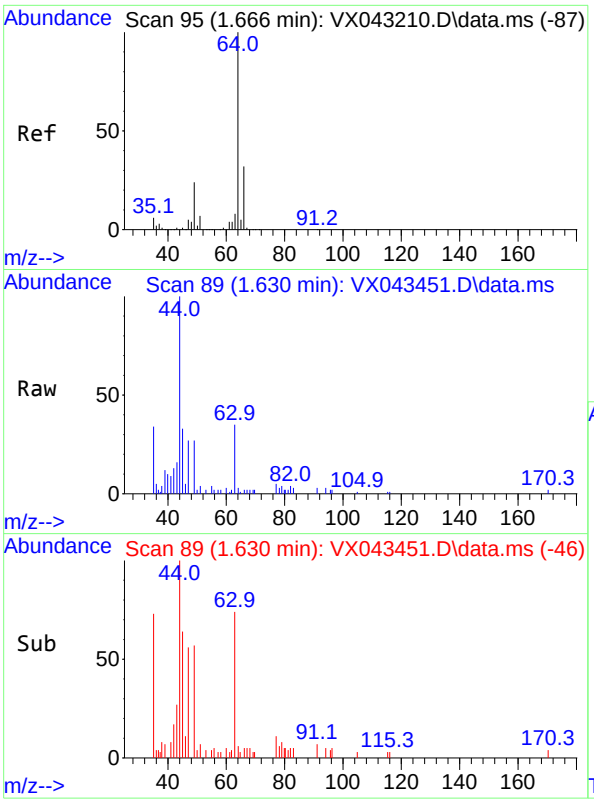


#5
Bromomethane
Concen: 0.759 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Tgt Ion: 94 Resp: 347

Ion	Ratio	Lower	Upper
94	100		
96	49.3	76.6	115.0#



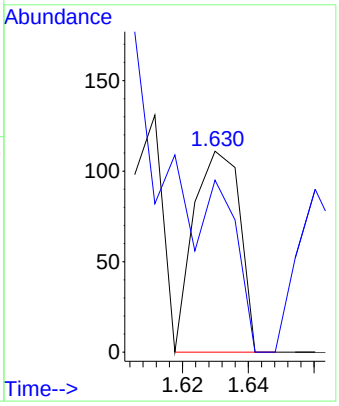


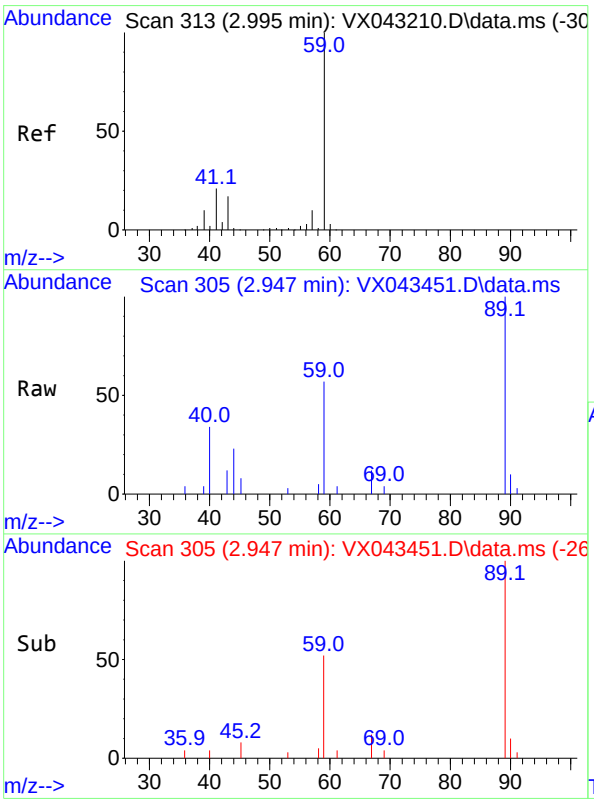
#6
Chloroethane
Concen: 0.259 ug/l
RT: 1.630 min Scan# 8
Delta R.T. -0.036 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 108

Ion	Ratio	Lower	Upper
64	100		
66	85.6	25.8	38.8#

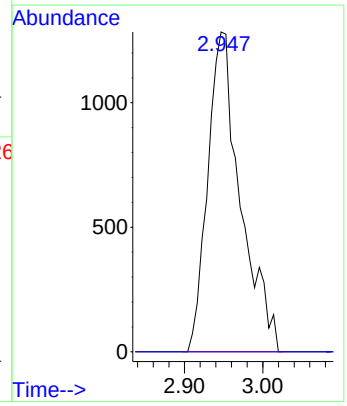


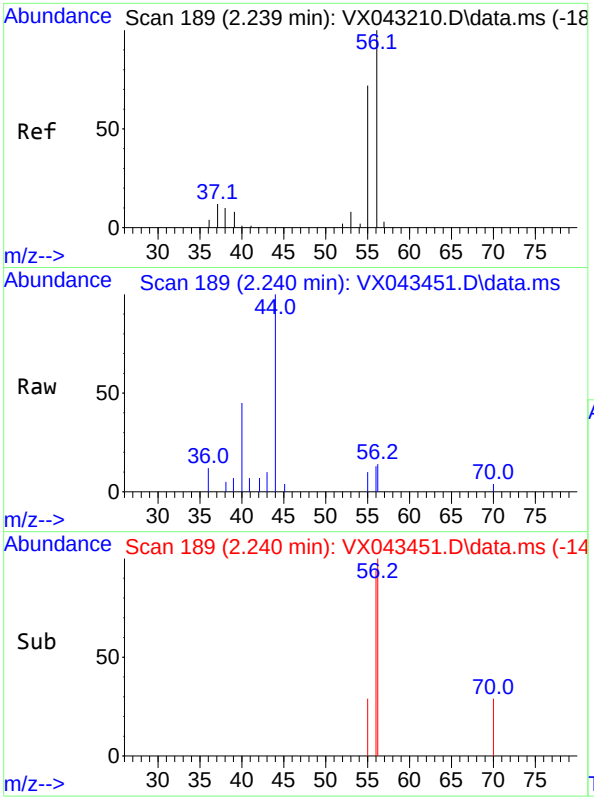


#11
Tert butyl alcohol
Concen: 12.902 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Tgt Ion: 59 Resp: 3740

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	13.0#



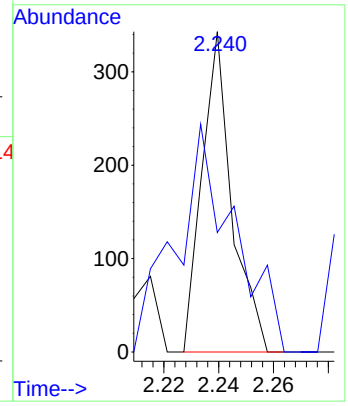


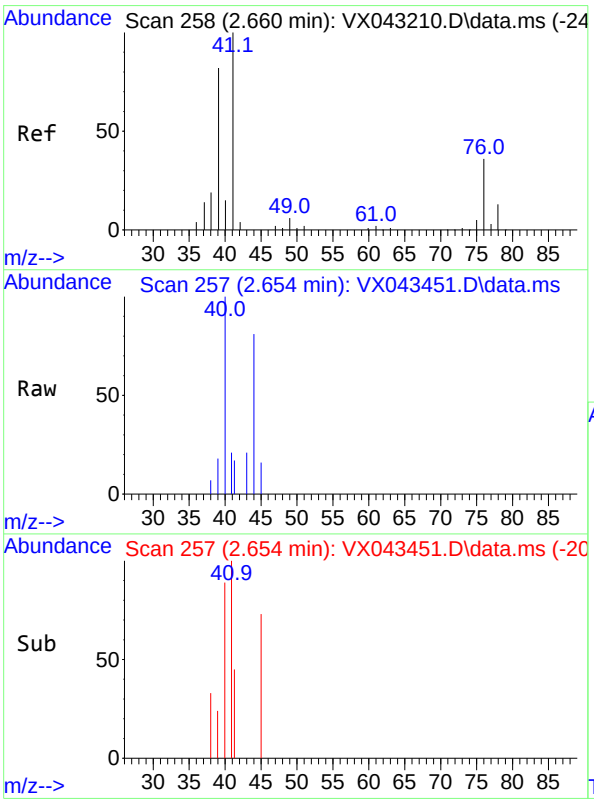
#13
Acrolein
Concen: 0.946 ug/l
RT: 2.240 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 259

Ion	Ratio	Lower	Upper
56	100		
55	138.2	57.4	86.0#

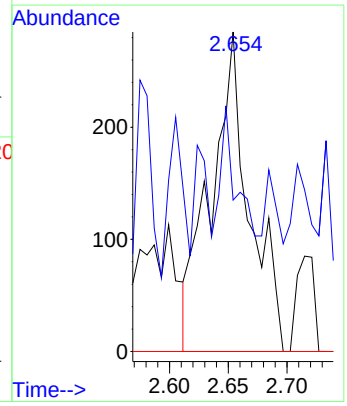


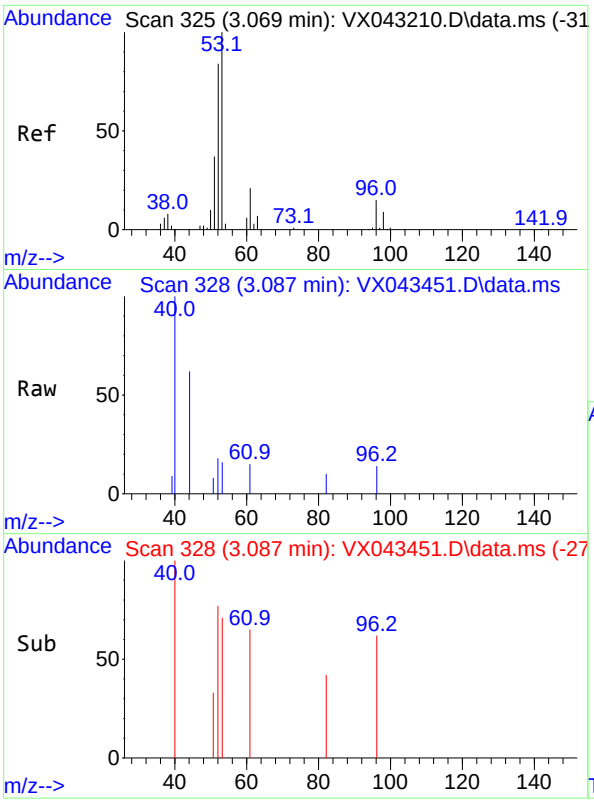


#14
Allyl chloride
Concen: 0.381 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Tgt Ion: 41 Resp: 649

Ion	Ratio	Lower	Upper
41	100		
39	14.8	61.7	92.5#
76	0.0	28.6	43.0#



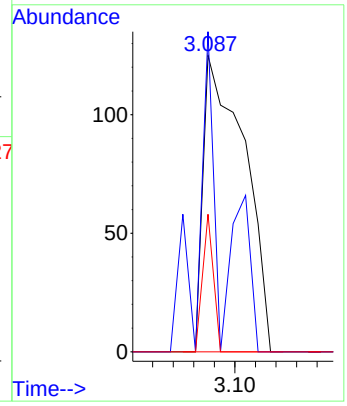


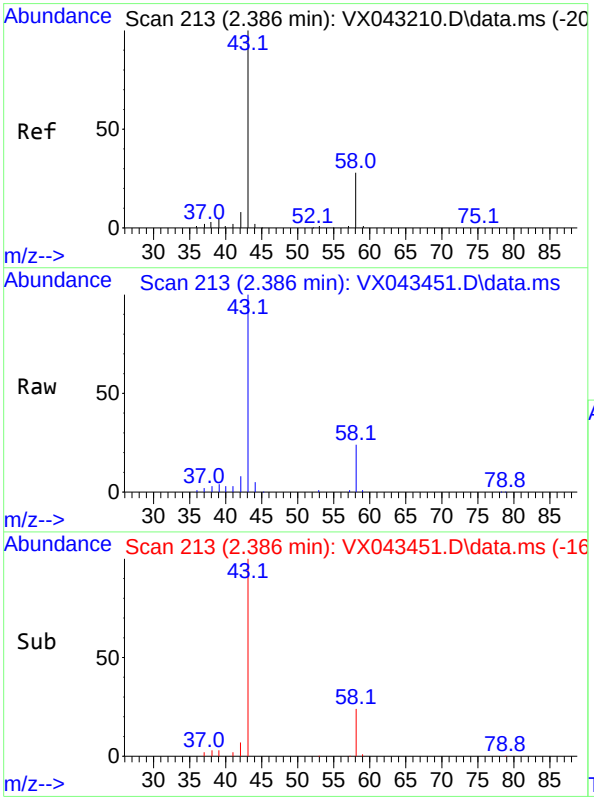
#15
Acrylonitrile
Concen: 0.292 ug/l
RT: 3.087 min Scan# 3
Delta R.T. 0.018 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 173

Ion	Ratio	Lower	Upper
53	100		
52	65.9	67.6	101.4#
51	12.1	30.3	45.5#

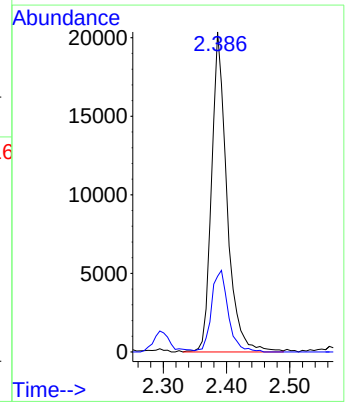


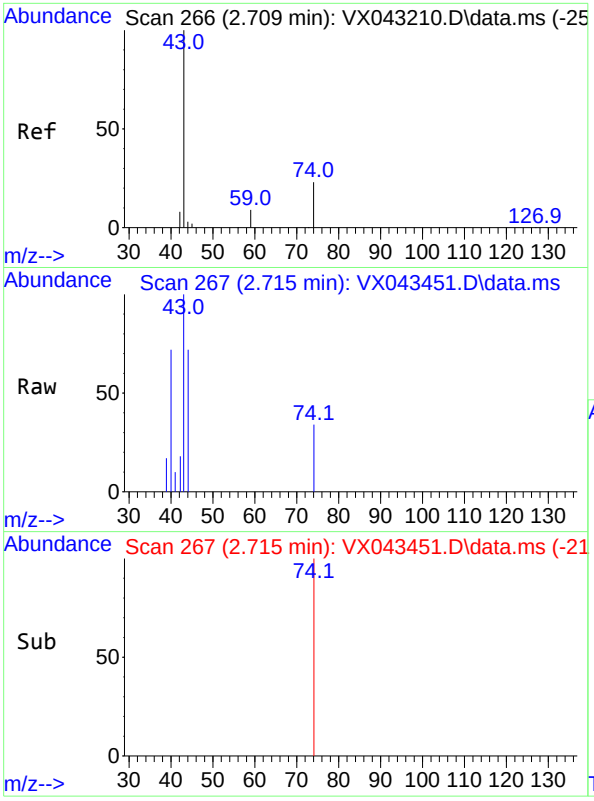


#16
Acetone
Concen: 54.230 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Tgt Ion: 43 Resp: 34499

Ion	Ratio	Lower	Upper
43	100		
58	23.7	22.6	33.8



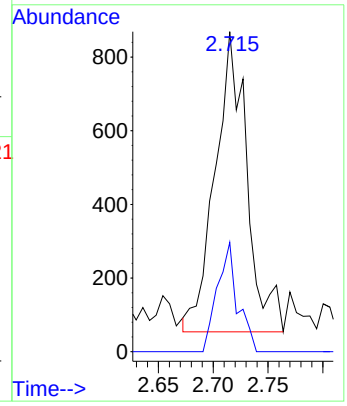


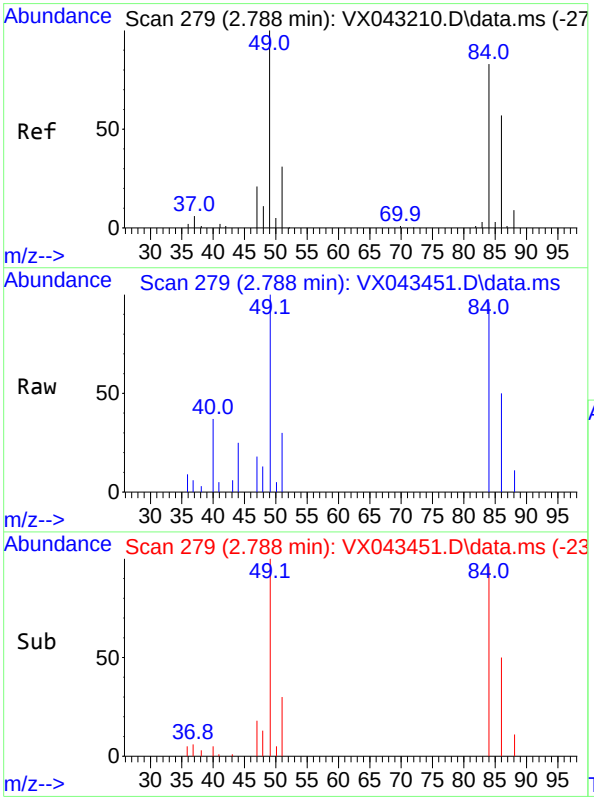
#18
Methyl Acetate
Concen: 1.029 ug/l
RT: 2.715 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1642

Ion	Ratio	Lower	Upper
43	100		
74	23.2	19.1	28.7

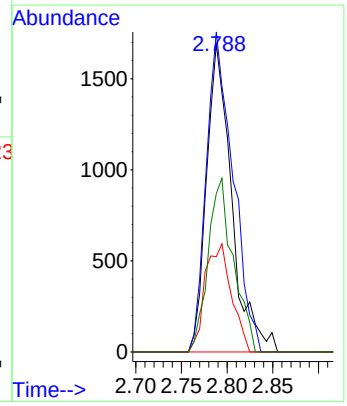


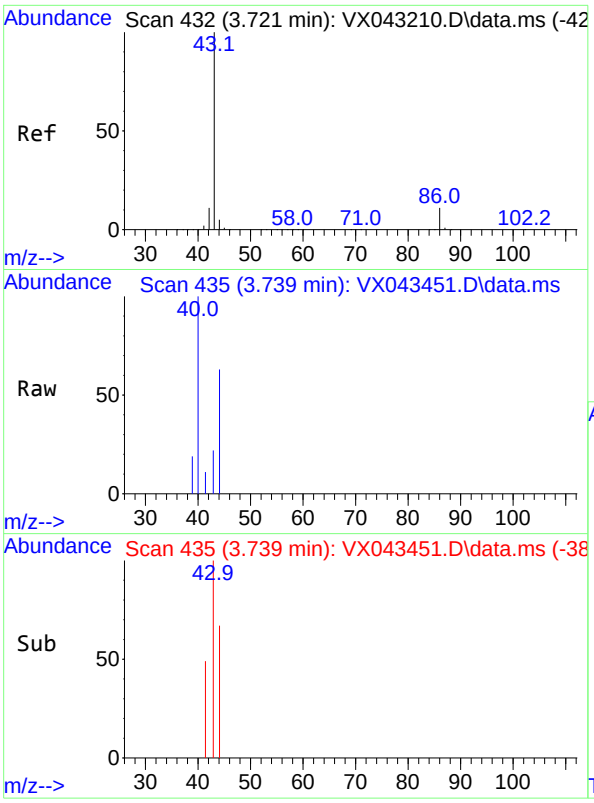


#20
Methylene Chloride
Concen: 2.760 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Tgt Ion: 84 Resp: 3237

Ion	Ratio	Lower	Upper
84	100		
49	104.0	96.7	145.1
51	30.9	30.4	45.6
86	51.5	54.7	82.1#



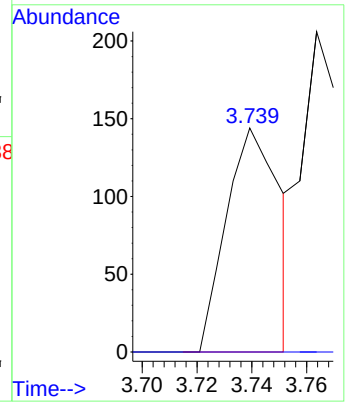


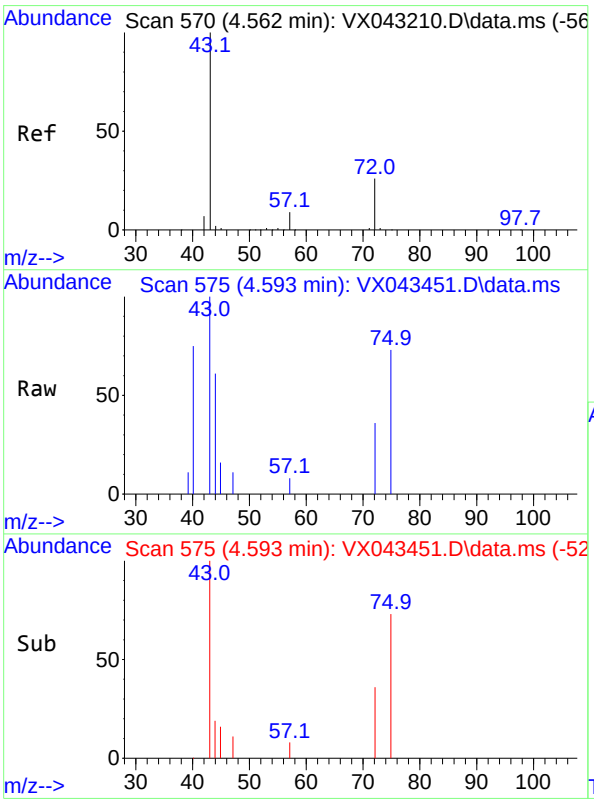
#23
Vinyl Acetate
Concen: 6.390 ug/l
RT: 3.739 min Scan# 4
Delta R.T. 0.018 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 194

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.8	13.2#

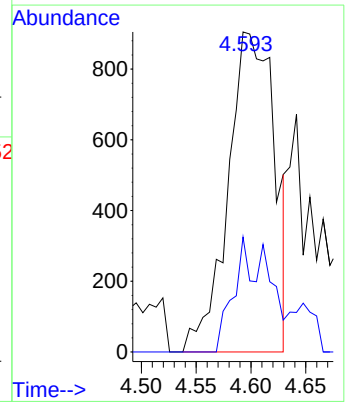


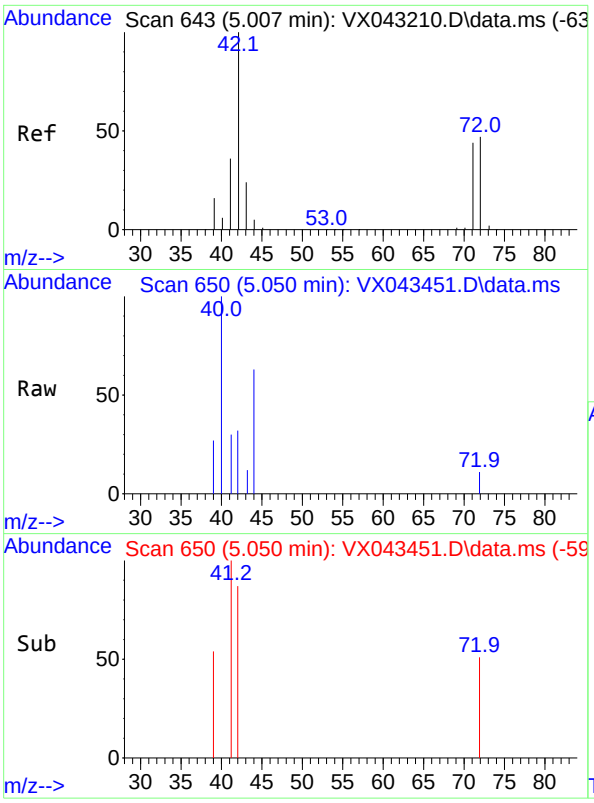


#25
2-Butanone
Concen: 3.059 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.031 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Tgt Ion: 43 Resp: 2668

Ion	Ratio	Lower	Upper
43	100		
72	35.9	20.6	31.0#



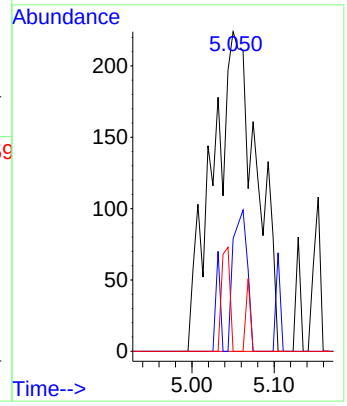


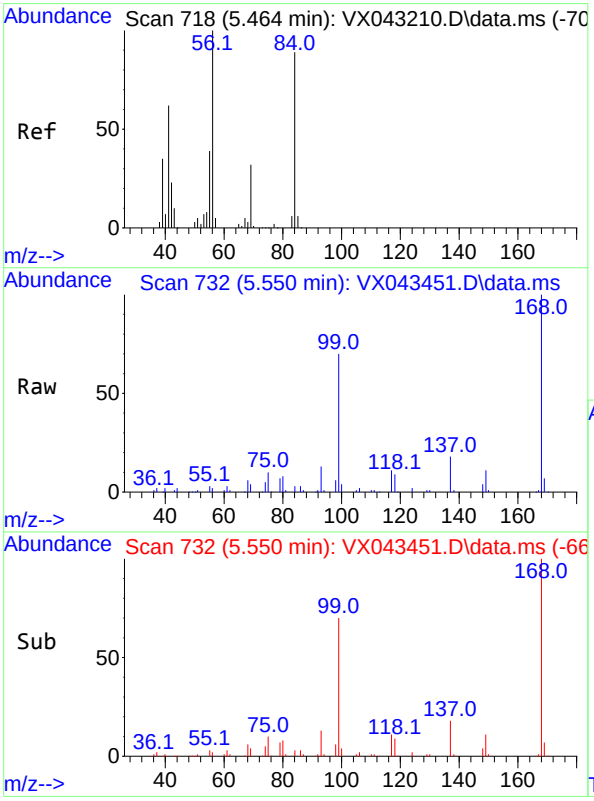
#29
Tetrahydrofuran
Concen: 1.508 ug/l
RT: 5.050 min Scan# 6
Delta R.T. 0.043 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 838

Ion	Ratio	Lower	Upper
42	100		
72	3.1	37.7	56.5#
71	6.2	34.6	52.0#

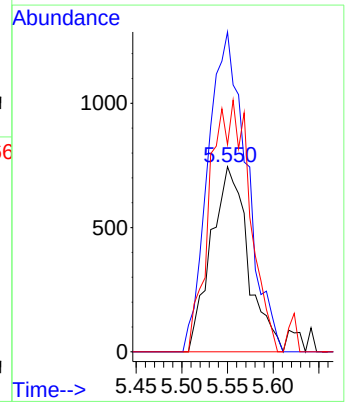


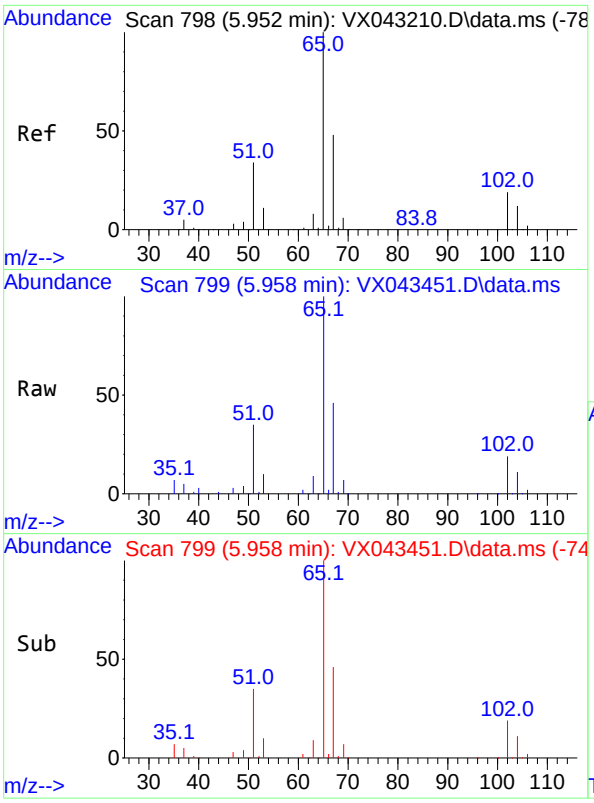


#31
Cyclohexane
Concen: 1.276 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Tgt Ion: 56 Resp: 2098

Ion	Ratio	Lower	Upper
56	100		
69	172.8	25.8	38.6#
84	111.9	71.1	106.7#



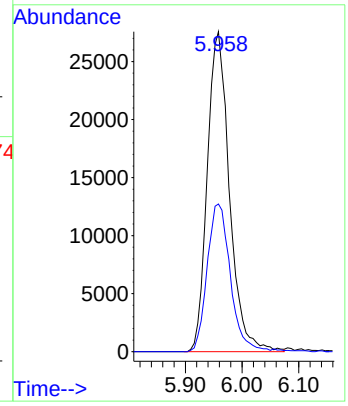


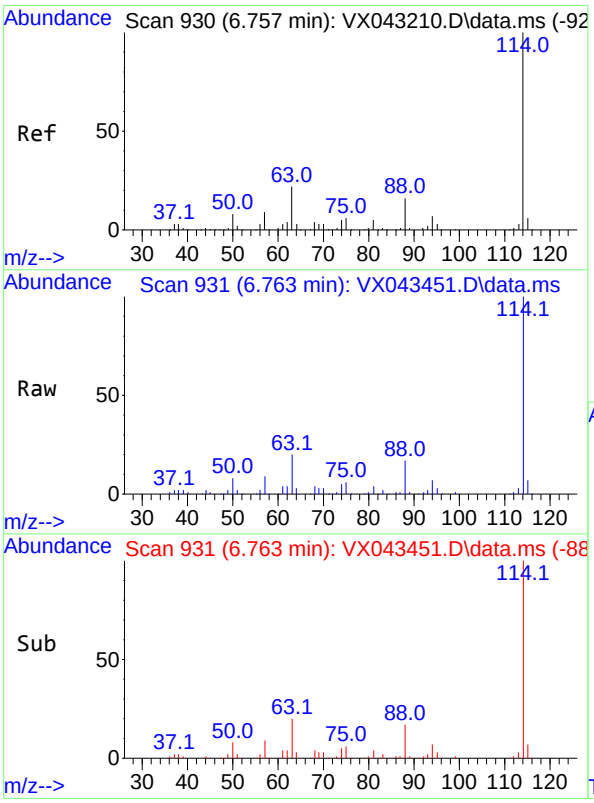
#33
1,2-Dichloroethane-d4
Concen: 49.164 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 74895

Ion	Ratio	Lower	Upper
65	100		
67	48.1	0.0	99.0

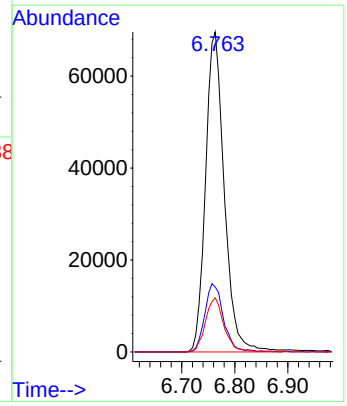


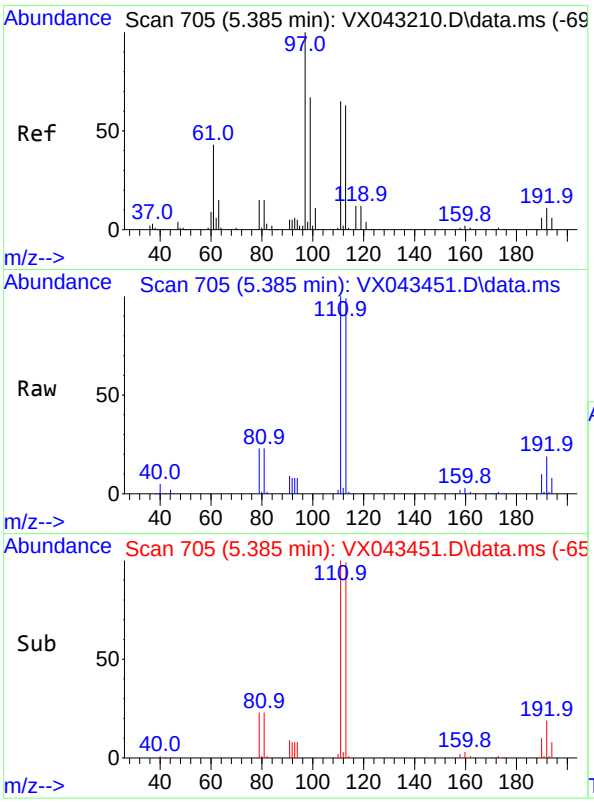


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Tgt Ion:114 Resp: 170605

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	43.0
88	16.9	0.0	33.0



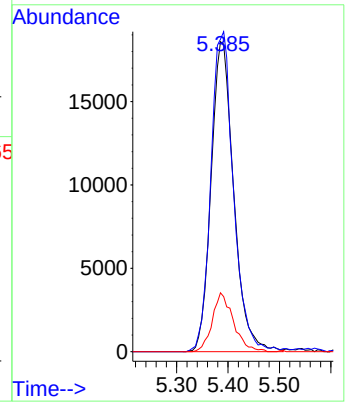


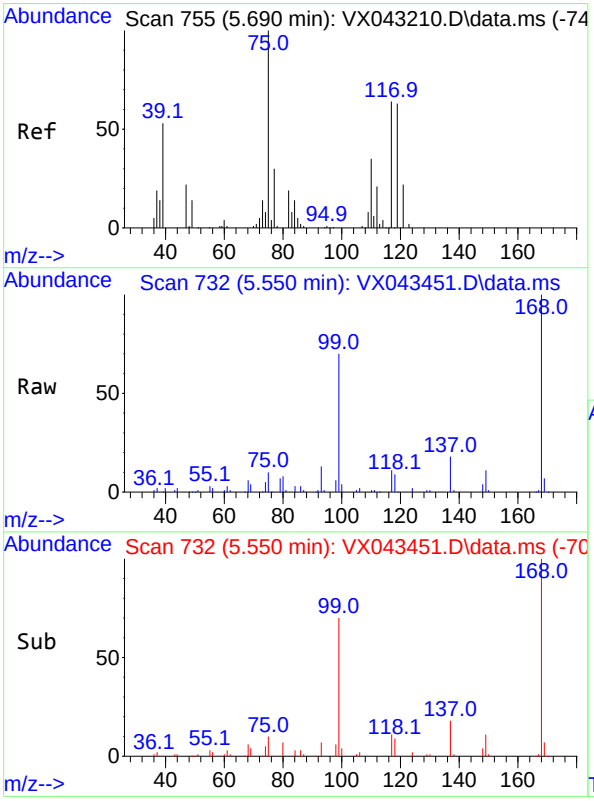
#35
Dibromofluoromethane
Concen: 48.338 ug/l
RT: 5.385 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 56873

Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.4	125.0
192	17.7	14.1	21.1

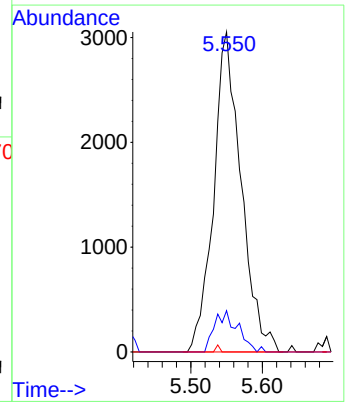


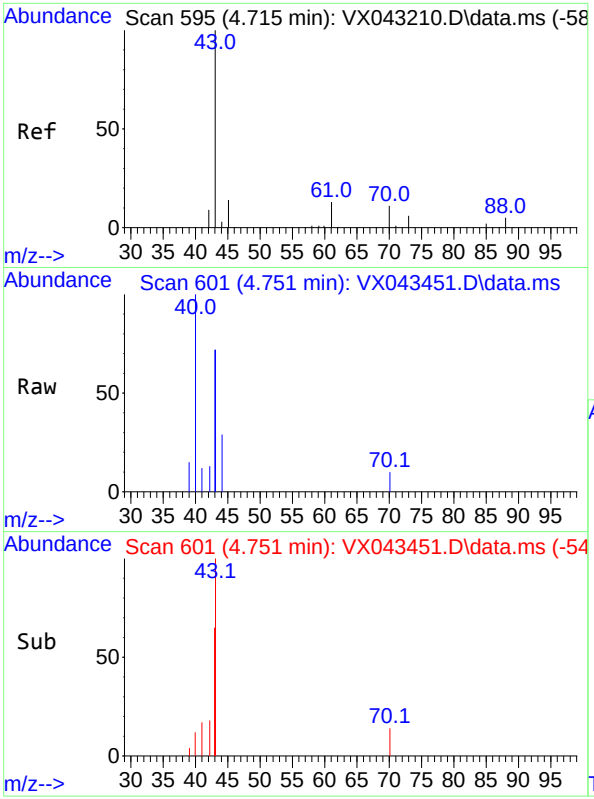


#36
1,1-Dichloropropene
Concen: 5.472 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Tgt Ion: 75 Resp: 8134

Ion	Ratio	Lower	Upper
75	100		
110	11.0	17.8	53.3#
77	0.3	24.9	37.3#



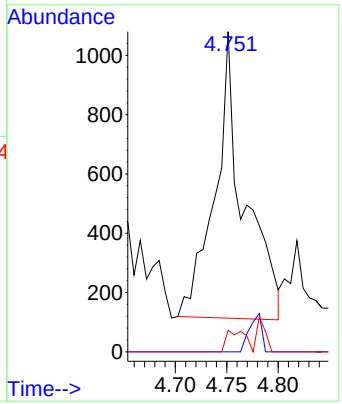


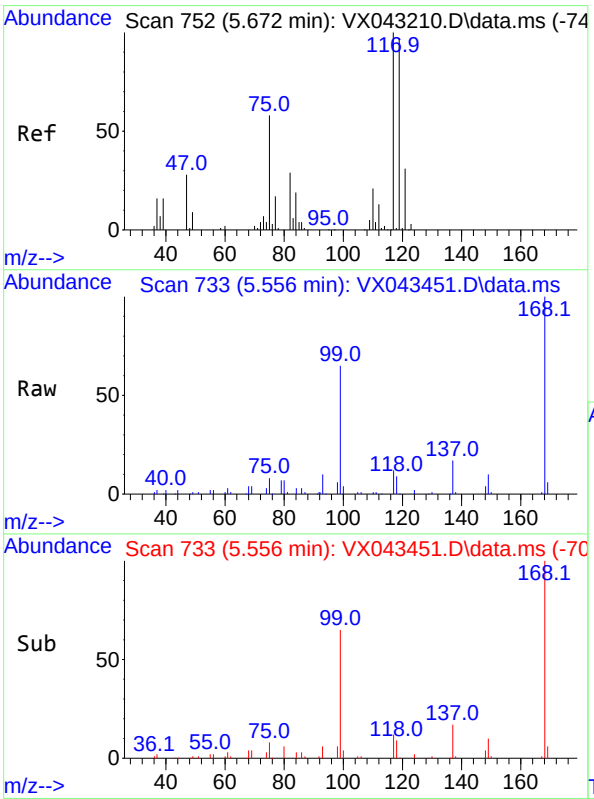
#37
Ethyl Acetate
Concen: 1.062 ug/l
RT: 4.751 min Scan# 6
Delta R.T. 0.037 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1895

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.0	16.4#
70	4.9	8.9	13.3#

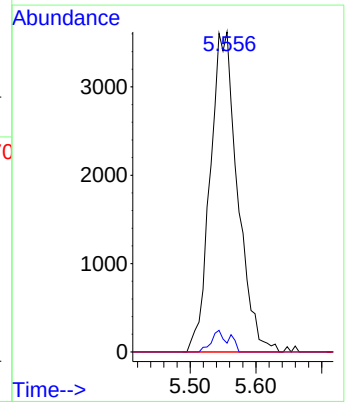


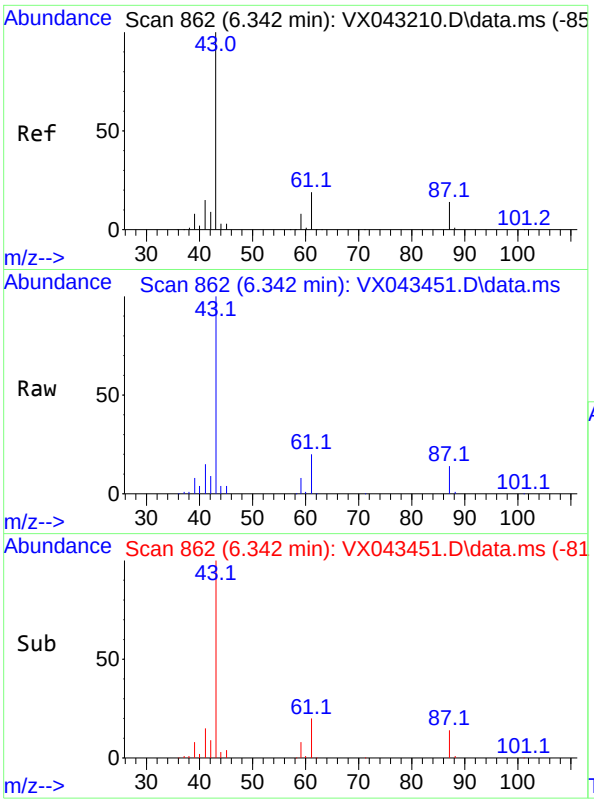


#38
Carbon Tetrachloride
Concen: 5.964 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Tgt Ion:117 Resp: 10494

Ion	Ratio	Lower	Upper
117	100		
119	2.8	77.7	116.5#
121	0.0	24.3	36.5#



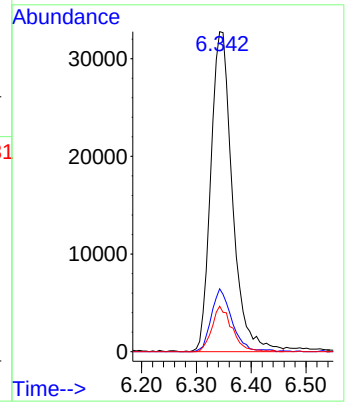


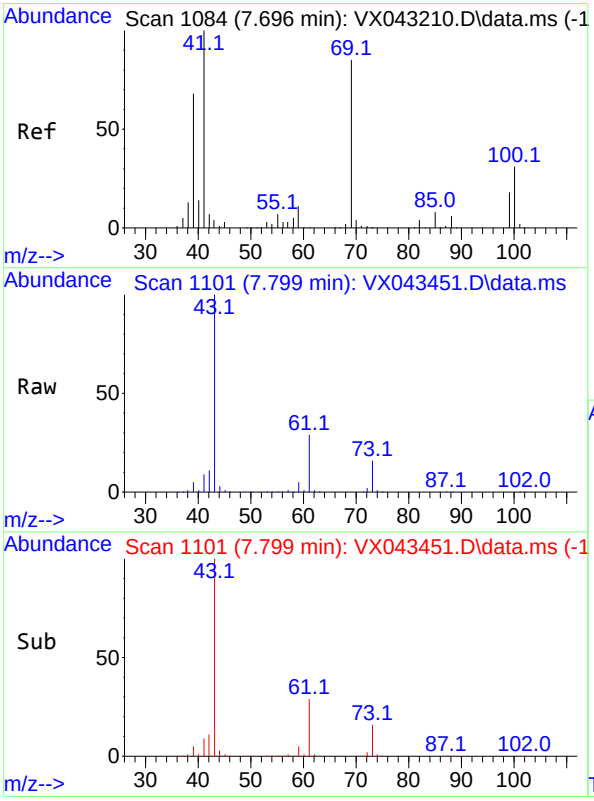
#43
Isopropyl Acetate
Concen: 30.377 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 89558

Ion	Ratio	Lower	Upper
43	100		
61	18.5	15.1	22.7
87	13.2	10.8	16.2

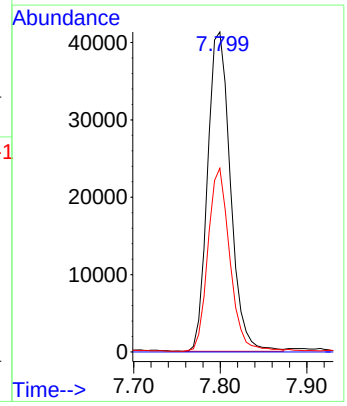


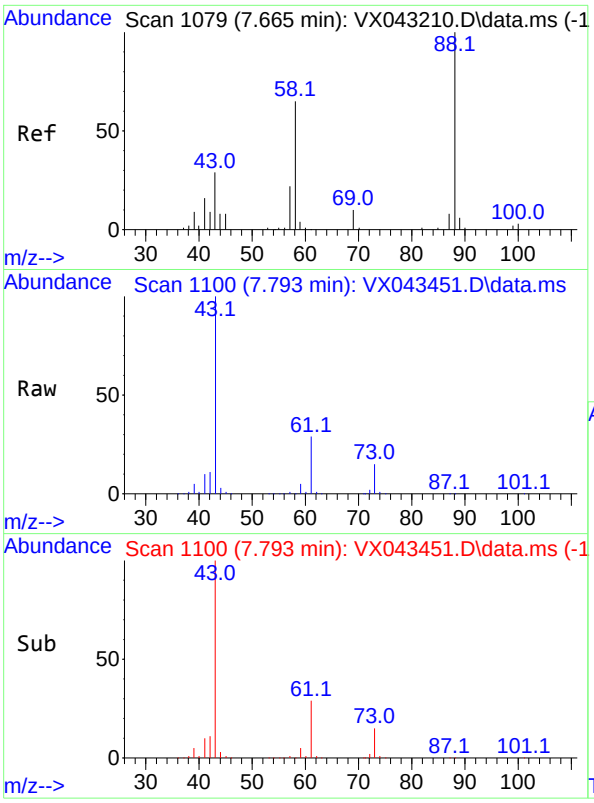


#48
Methyl methacrylate
Concen: 52.227 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Tgt Ion: 41 Resp: 75551

Ion	Ratio	Lower	Upper
41	100		
69	0.0	64.1	96.1#
39	55.1	52.8	79.2



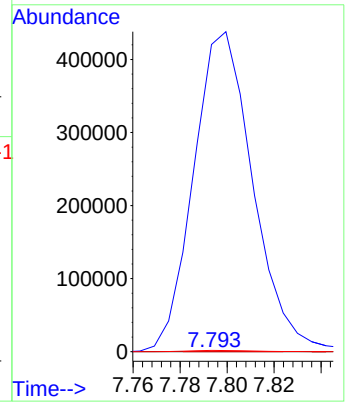


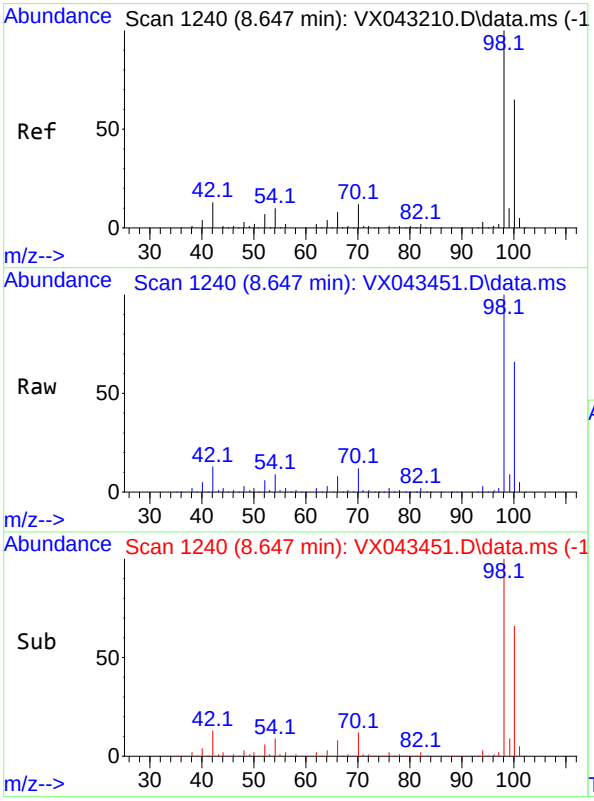
#49
1,4-Dioxane
Concen: 4.161 ug/l
RT: 7.793 min Scan# 1
Delta R.T. 0.128 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 117

Ion	Ratio	Lower	Upper
88	100		
43	670555.6	29.5	44.3#
58	2817.9	55.2	82.8#

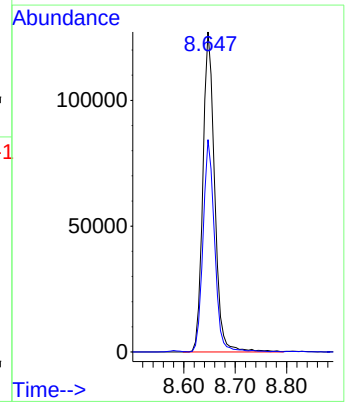


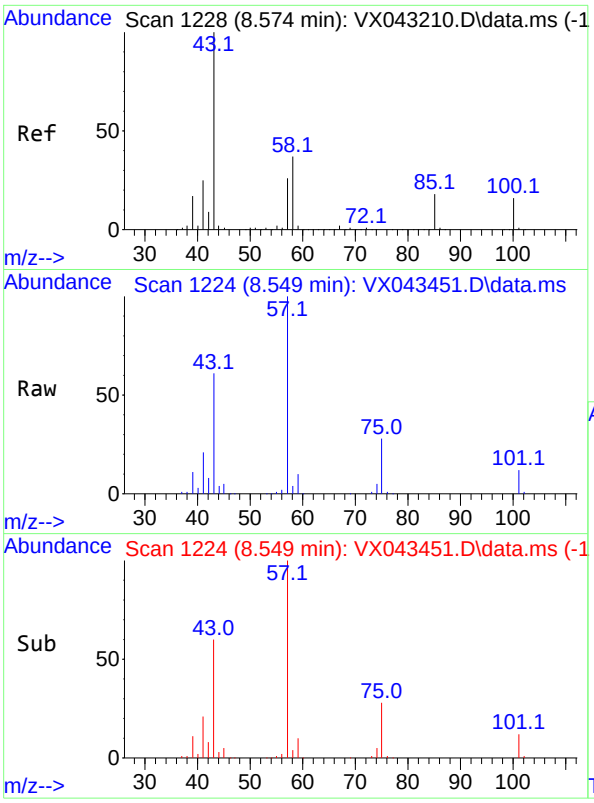


#50
Toluene-d8
Concen: 49.673 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Tgt Ion: 98 Resp: 202531

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.4	78.6



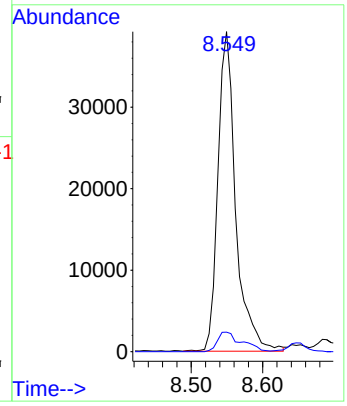


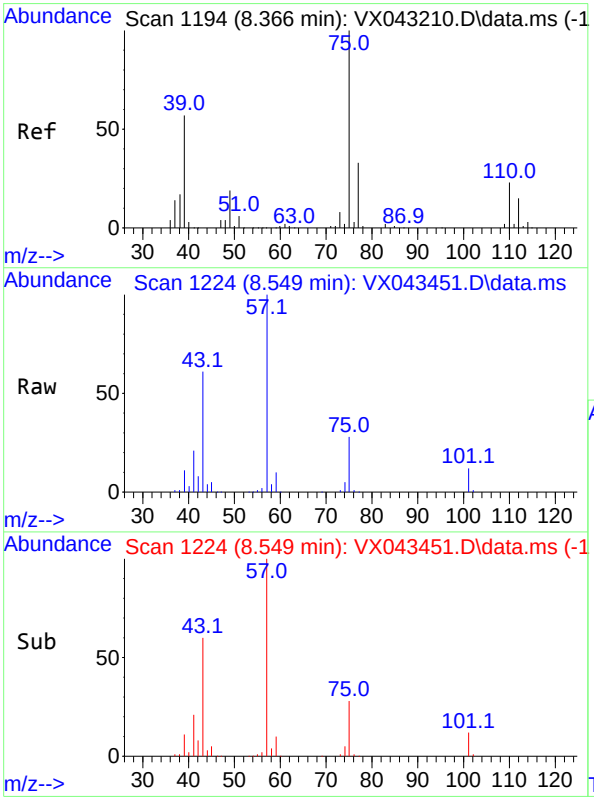
#51
4-Methyl-2-Pentanone
Concen: 37.821 ug/l
RT: 8.549 min Scan# 1
Delta R.T. -0.024 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 67723

Ion	Ratio	Lower	Upper
43	100		
58	8.4	30.0	45.0#

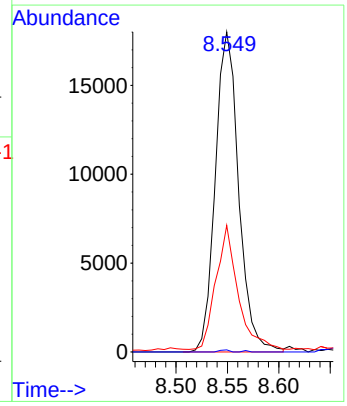


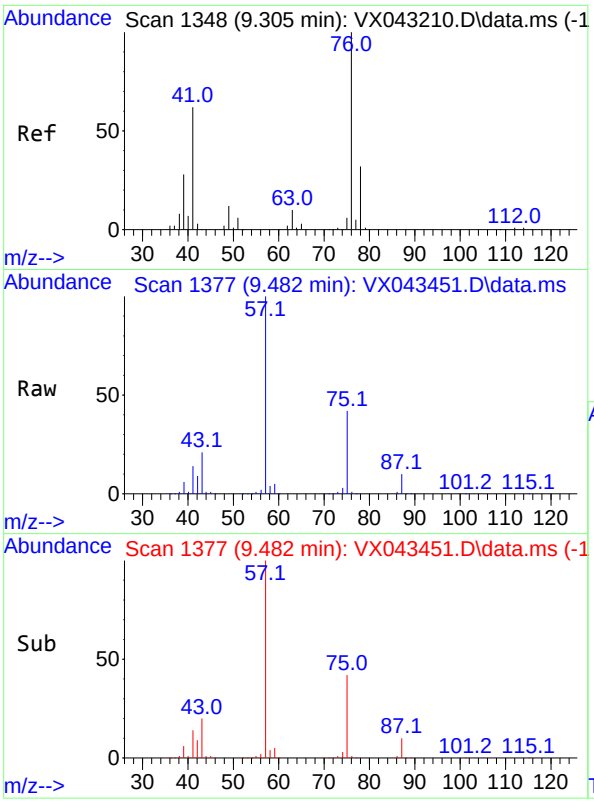


#54
cis-1,3-Dichloropropene
Concen: 15.341 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Tgt Ion: 75 Resp: 28487

Ion	Ratio	Lower	Upper
75	100		
77	0.7	26.0	39.0#
39	38.7	45.8	68.8#



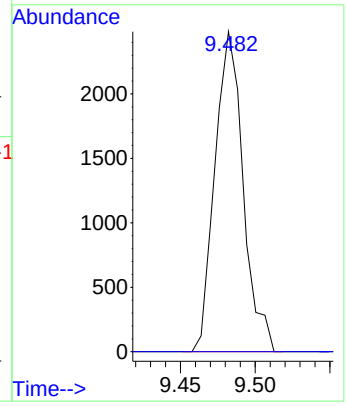


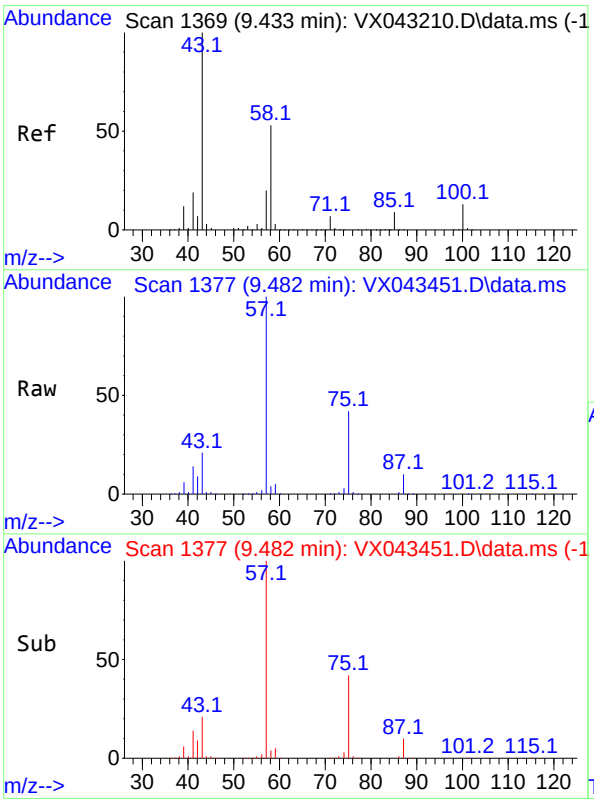
#57
1,3-Dichloropropane
Concen: 1.708 ug/l
RT: 9.482 min Scan# 1
Delta R.T. 0.177 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 3265

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.7	38.5#

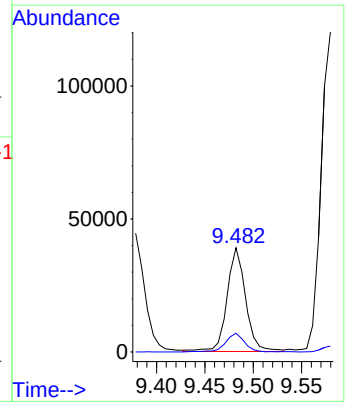


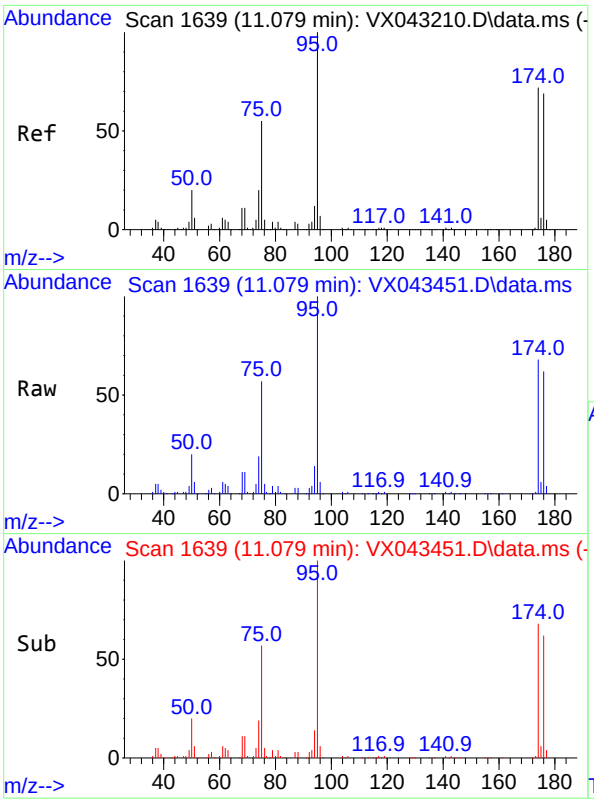


#59
2-Hexanone
Concen: 38.492 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Tgt Ion: 43 Resp: 52122

Ion	Ratio	Lower	Upper
43	100		
58	18.6	26.1	78.3#



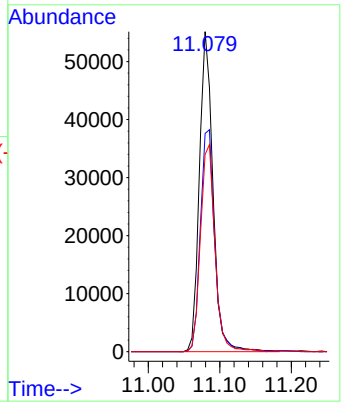


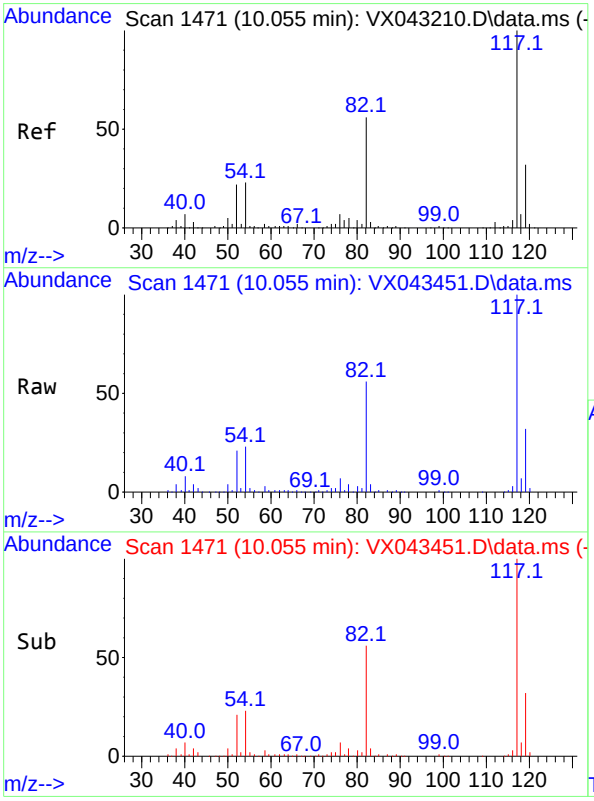
#62
4-Bromofluorobenzene
Concen: 49.093 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 72719

Ion	Ratio	Lower	Upper
95	100		
174	73.5	0.0	145.0
176	69.0	0.0	143.0

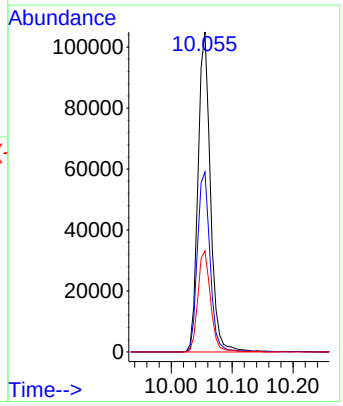


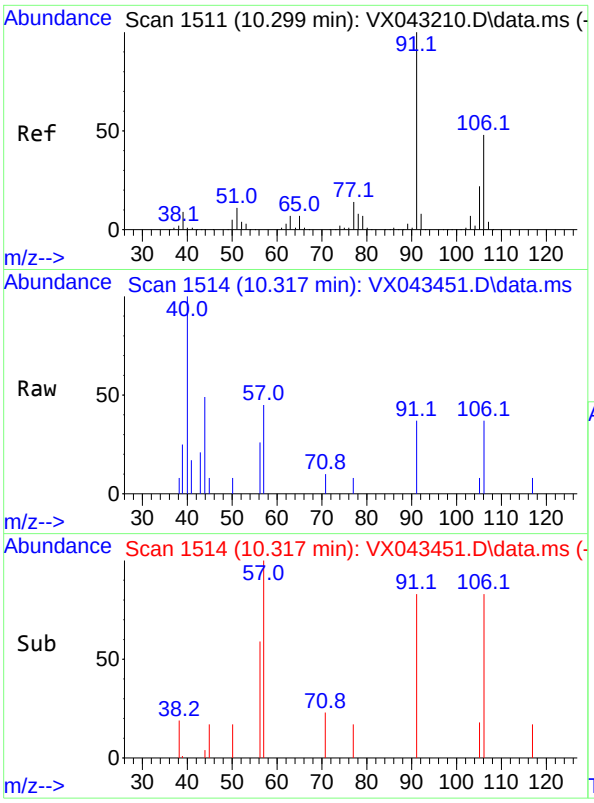


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Tgt Ion:117 Resp: 148309

Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.0	67.6
119	31.6	25.3	37.9



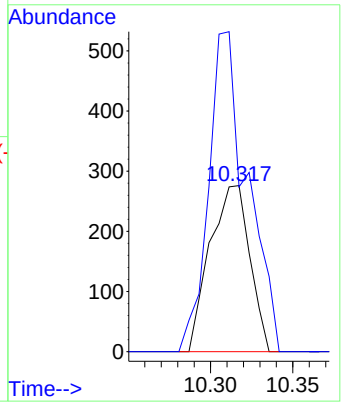


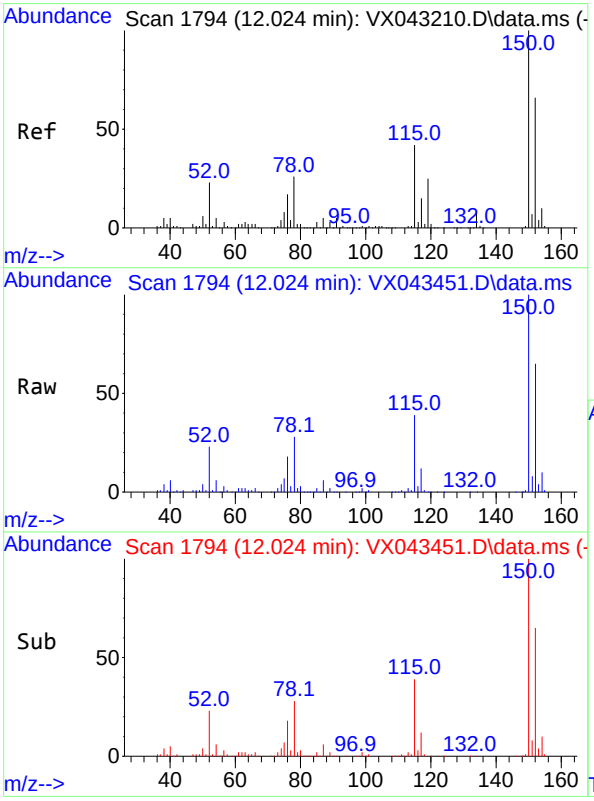
#68
m/p-Xylenes
Concen: 0.223 ug/l
RT: 10.317 min Scan# 1
Delta R.T. 0.018 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 464

Ion	Ratio	Lower	Upper
106	100		
91	186.9	167.0	250.6

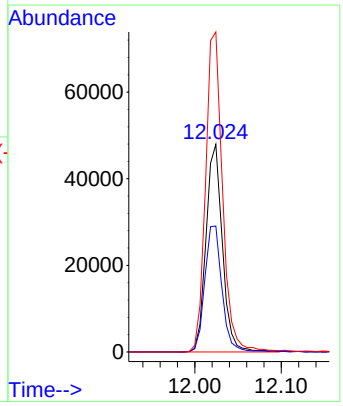


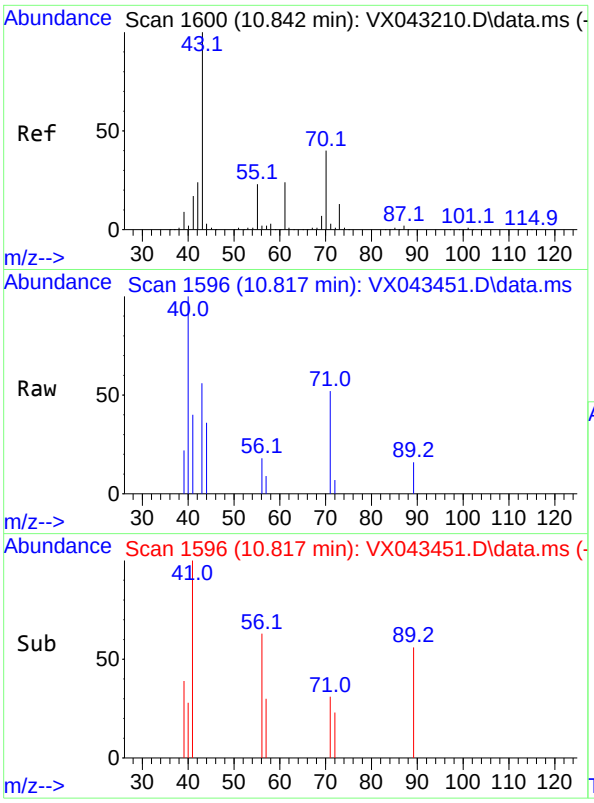


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Tgt Ion:152 Resp: 63026

Ion	Ratio	Lower	Upper
152	100		
115	63.9	44.1	132.3
150	159.8	0.0	347.4



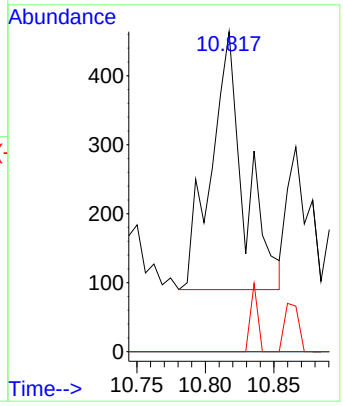


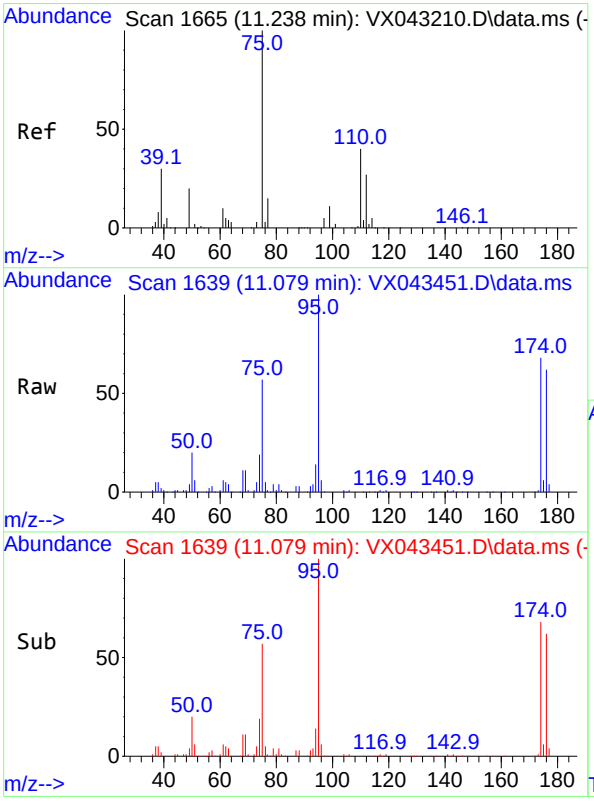
#74
N-amyl acetate
Concen: 0.272 ug/l
RT: 10.817 min Scan# 1
Delta R.T. -0.024 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 633

Ion	Ratio	Lower	Upper
43	100		
70	0.0	33.1	49.7#
55	5.7	18.6	27.8#
61	0.0	18.7	28.1#

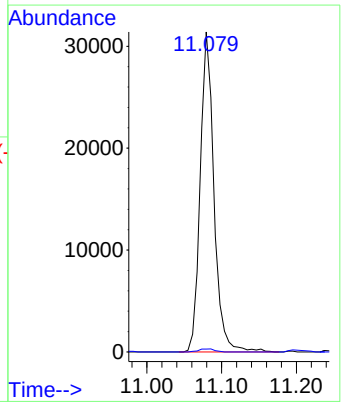


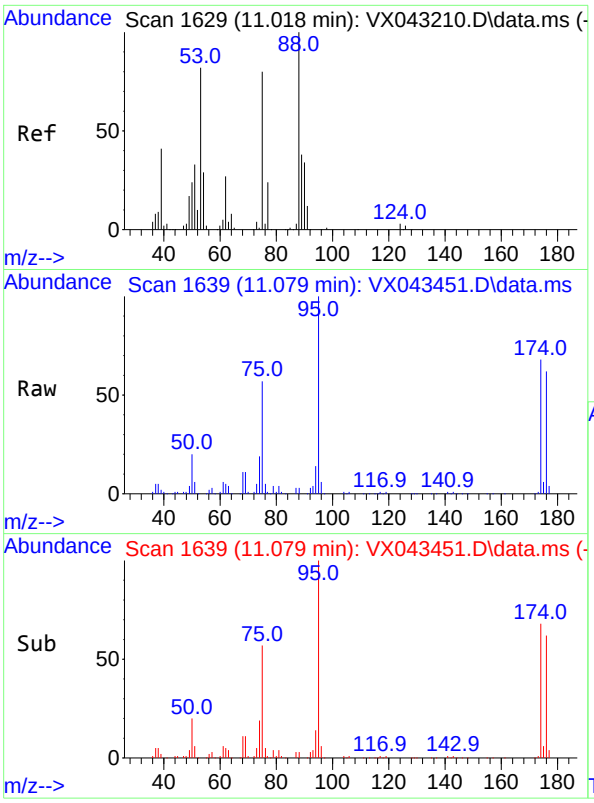


#76
1,2,3-Trichloropropane
Concen: 28.681 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Tgt Ion: 75 Resp: 40096

Ion	Ratio	Lower	Upper
75	100		
77	1.1	22.0	66.0#



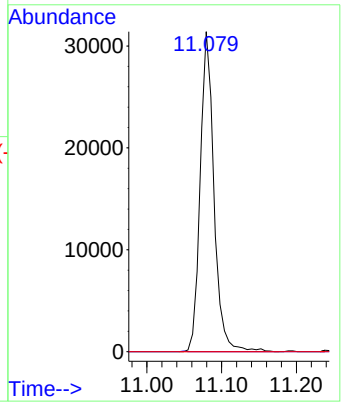


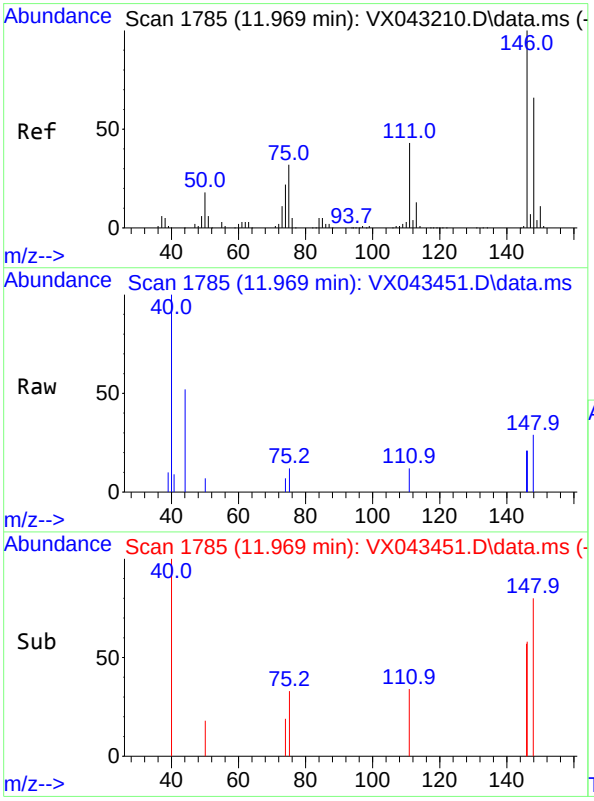
#81
trans-1,4-Dichloro-2-butene
Concen: 74.332 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 40096

Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.9	125.9#
89	0.0	38.6	58.0#

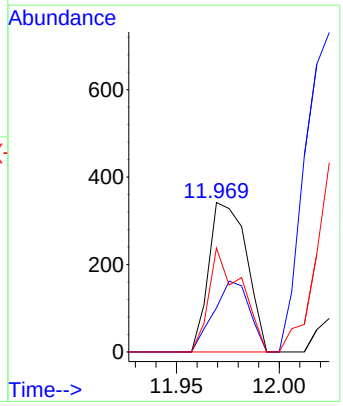


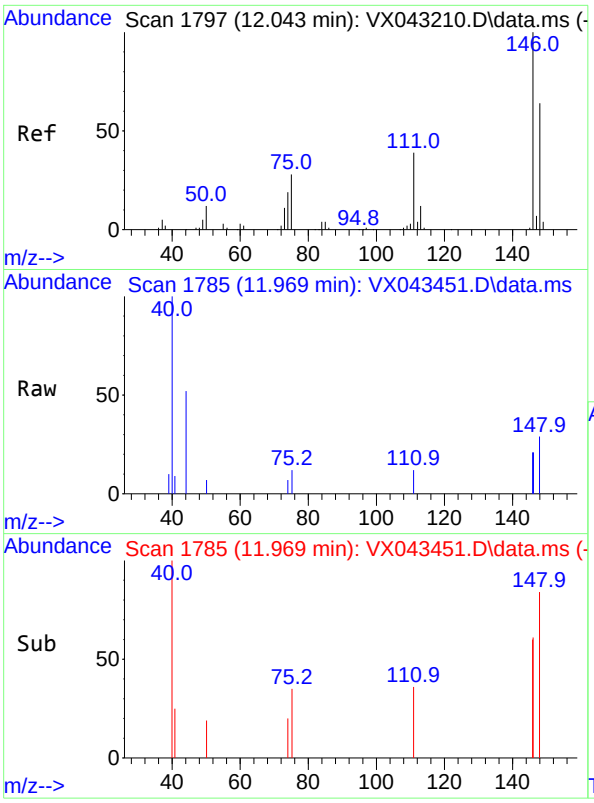


#87
1,3-Dichlorobenzene
Concen: 0.208 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Tgt Ion:146 Resp: 437

Ion	Ratio	Lower	Upper
146	100		
111	44.9	21.8	65.3
148	59.0	32.4	97.2



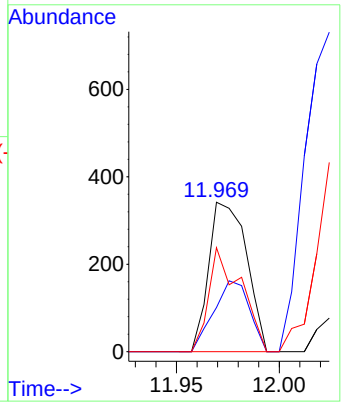


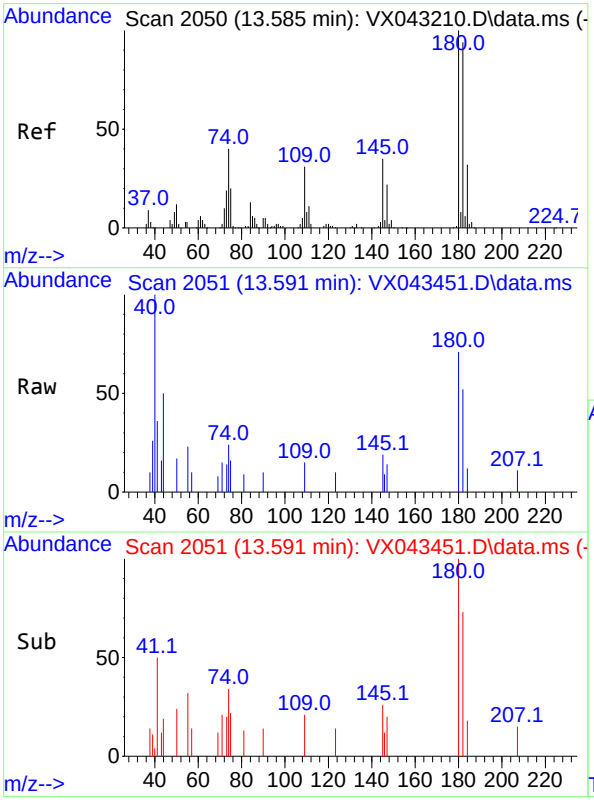
#88
1,4-Dichlorobenzene
Concen: 0.202 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.073 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 437

Ion	Ratio	Lower	Upper
146	100		
111	44.9	20.8	62.5
148	59.0	32.4	97.0

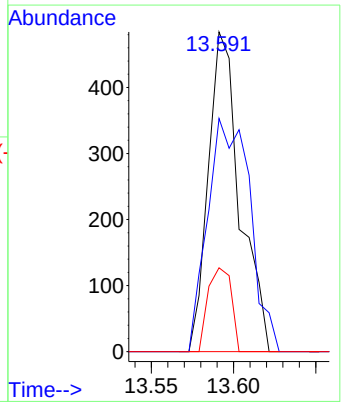


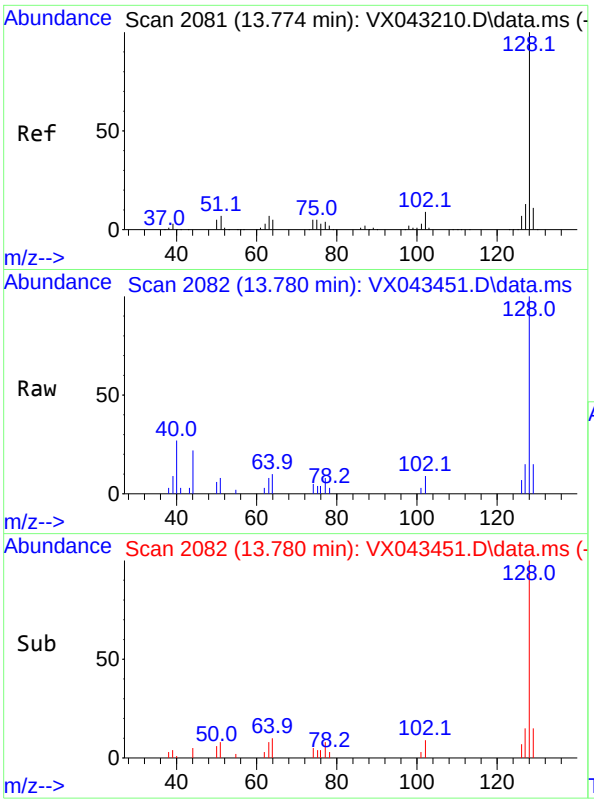


#93
1,2,4-Trichlorobenzene
Concen: 0.522 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Tgt Ion:180 Resp: 646

Ion	Ratio	Lower	Upper
180	100		
182	97.8	47.1	141.3
145	19.3	16.6	49.8



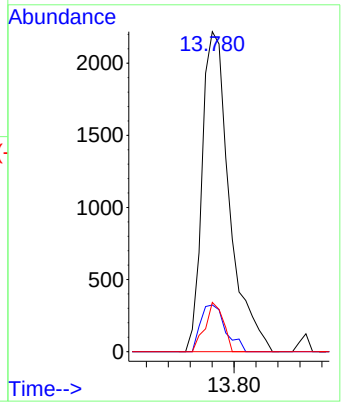


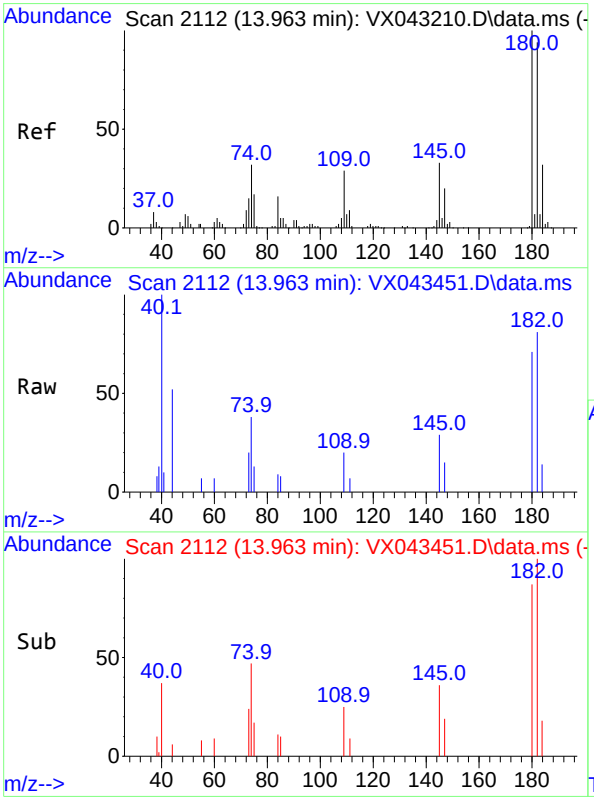
#95
Naphthalene
Concen: 0.843 ug/l
RT: 13.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 3837

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.2
129	10.2	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 0.526 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX043451.D
Acq: 21 Oct 2024 13:53

Tgt Ion:180 Resp: 672

Ion	Ratio	Lower	Upper
180	100		
182	114.3	46.5	139.3
145	42.1	17.2	51.6