Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102124\
Data File : VX043455.D
Acq On : 21 Oct 2024 15:25
Operator : JC/MD
Sample : P4425-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 21 17:42:09 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	5.550	168	122601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	228788	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	116629	58.249	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.500%			
35) Dibromofluoromethane	5.385	113	80395	50.953	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.900%			
50) Toluene-d8	8.647	98	270167	49.410	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.820%			
62) 4-Bromofluorobenzene	11.079	95	101874	51.285	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.560%			
Target Compounds						Qvalue
5) Bromomethane	1.599	94	138	0.230	ug/l #	12
6) Chloroethane	1.648	64	170	0.310	ug/l #	42
11) Tert butyl alcohol	2.934	59	4560	11.968	ug/l #	71
13) Acrolein	2.239	56	226	0.628	ug/l #	74
16) Acetone	2.386	43	57164	68.365	ug/l	98
18) Methyl Acetate	2.709	43	3759	1.792	ug/l	93
20) Methylene Chloride	2.788	84	4386	2.845	ug/l #	86
23) Vinyl Acetate	3.745	43	52	6.349	ug/l #	71
25) 2-Butanone	4.599	43	6294	5.490	ug/l	96
29) Tetrahydrofuran	5.050	42	915	1.253	ug/l #	46
31) Cyclohexane	5.550	56	2771	1.283	ug/l #	25
36) 1,1-Dichloropropene	5.544	75	10726	5.381	ug/l #	50
37) Ethyl Acetate	4.757	43	3728	1.557	ug/l #	78
38) Carbon Tetrachloride	5.544	117	13554	5.744	ug/l #	14
43) Isopropyl Acetate	6.342	43	148825	37.642	ug/l	100
48) Methyl methacrylate	7.799	41	128289	66.131	ug/l #	44
49) 1,4-Dioxane	7.799	88	137	3.633	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	111463	46.418	ug/l #	52
53) t-1,3-Dichloropropene	8.958	75	876	0.377	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	47348	19.014	ug/l #	57
57) 1,3-Dichloropropane	9.482	76	6376	2.487	ug/l #	44
59) 2-Hexanone	9.482	43	86519	47.646	ug/l #	52
74) N-amyl acetate	10.640	43	23749	7.024	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	56541	27.825	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	56541	72.113	ug/l #	8

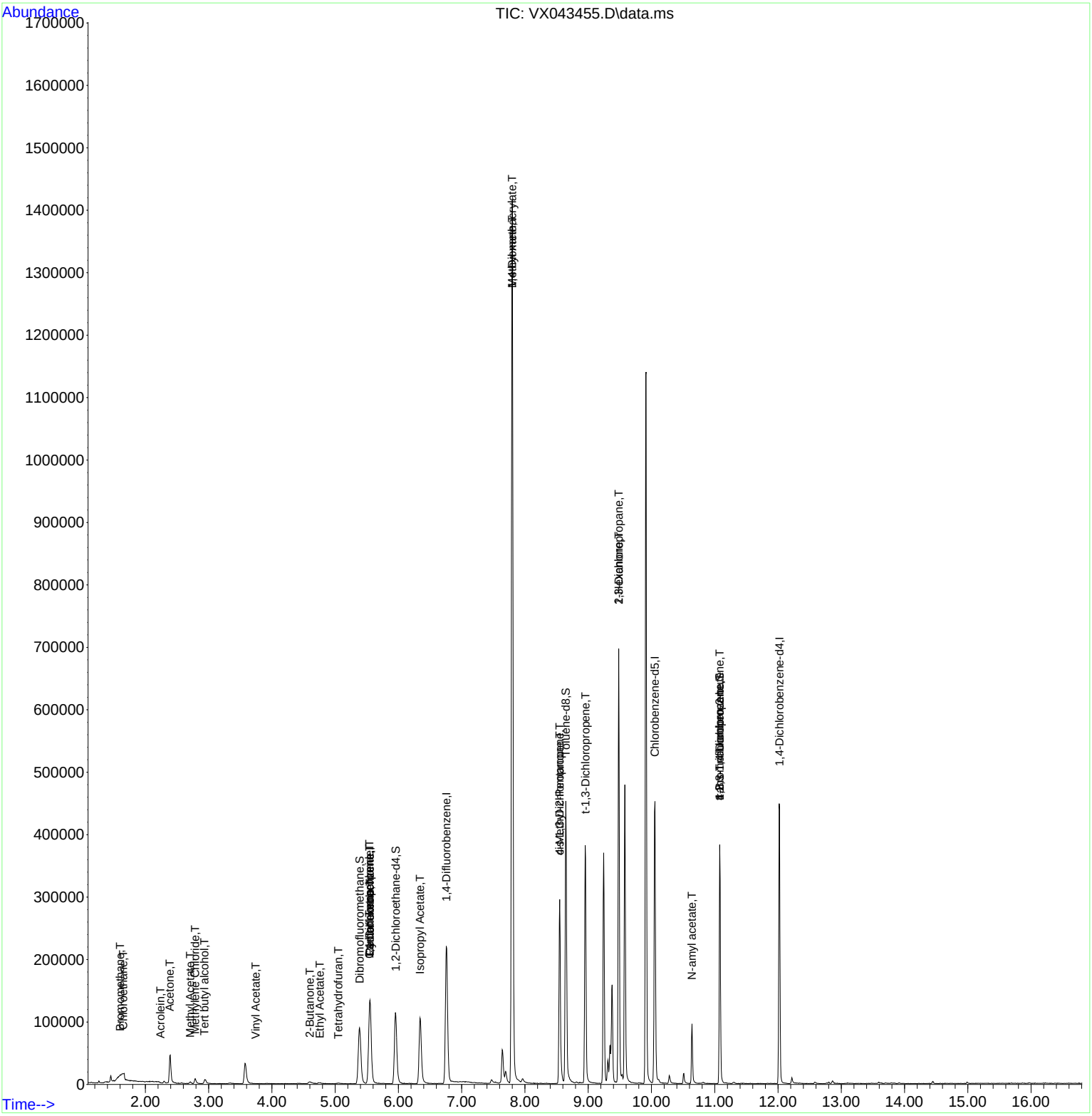
(#) = qualifier out of range (m) = manual integration (+) = signals summed

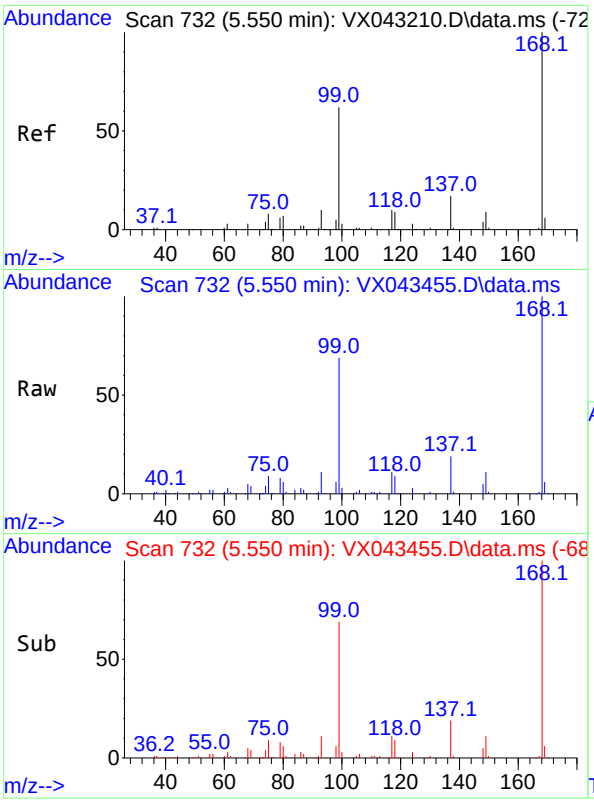
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102124\
Data File : VX043455.D
Acq On : 21 Oct 2024 15:25
Operator : JC/MD
Sample : P4425-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 21 17:42:09 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



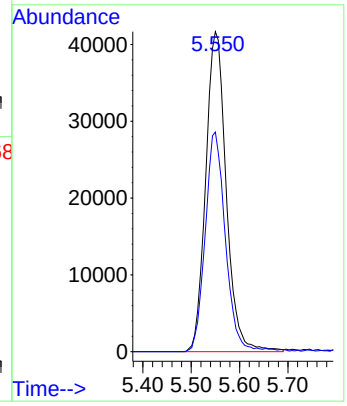


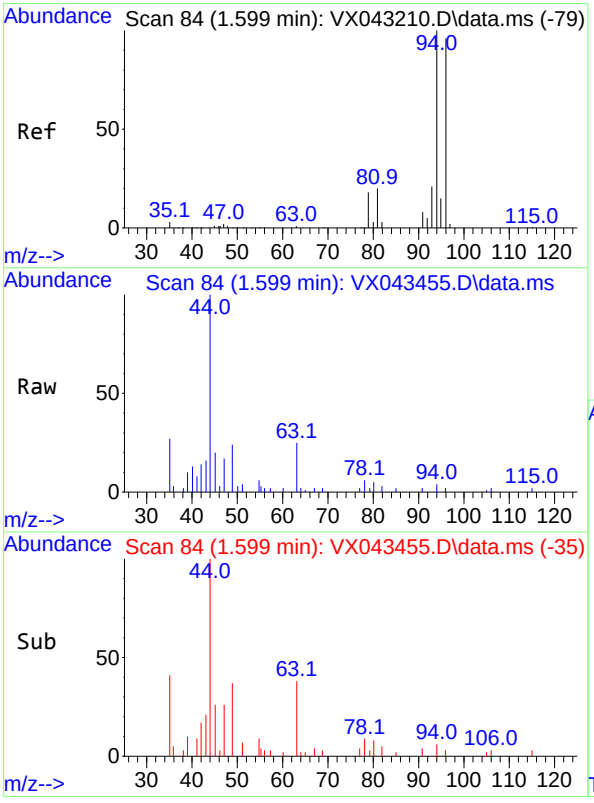
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX043455.D
Acq: 21 Oct 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 122601

Ion	Ratio	Lower	Upper
168	100		
99	68.6	49.7	74.5

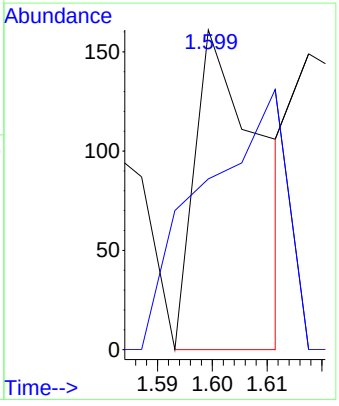


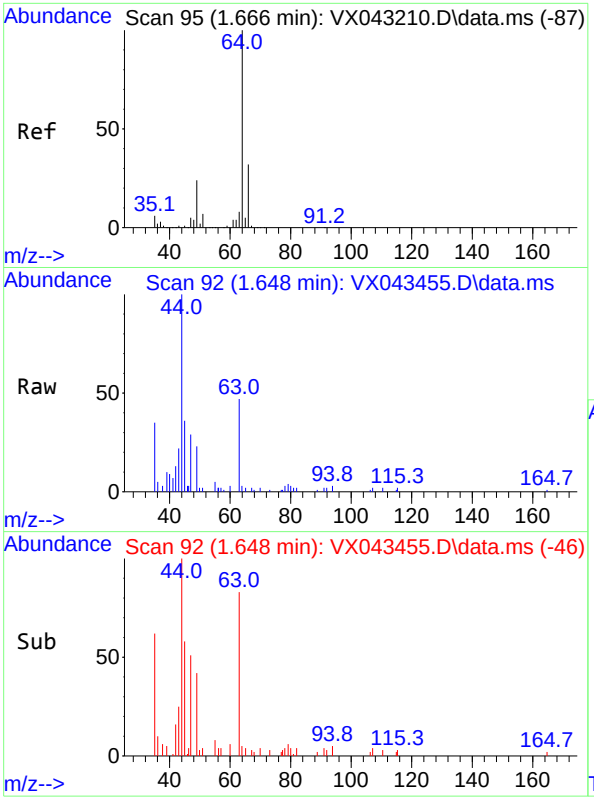


#5
Bromomethane
Concen: 0.230 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX043455.D
Acq: 21 Oct 2024 15:25

Tgt Ion: 94 Resp: 138

Ion	Ratio	Lower	Upper
94	100		
96	9.9	76.6	115.0#



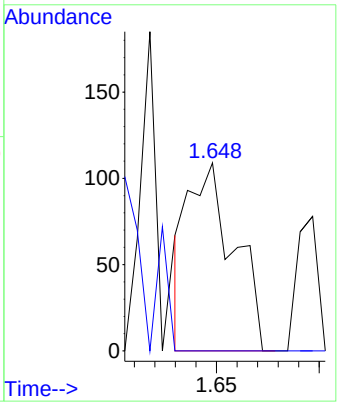


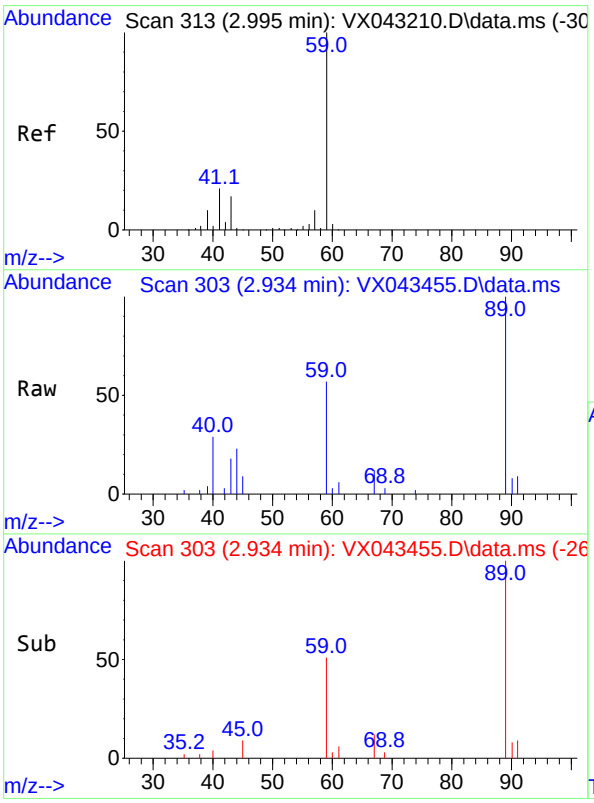
#6
Chloroethane
Concen: 0.310 ug/l
RT: 1.648 min Scan# 9
Delta R.T. -0.018 min
Lab File: VX043455.D
Acq: 21 Oct 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 170

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.8	38.8#

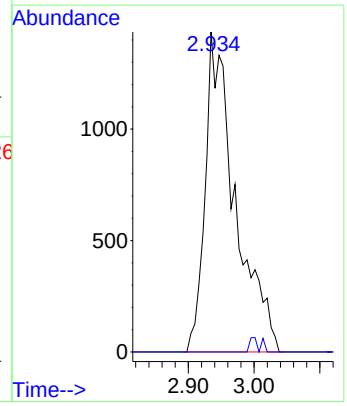


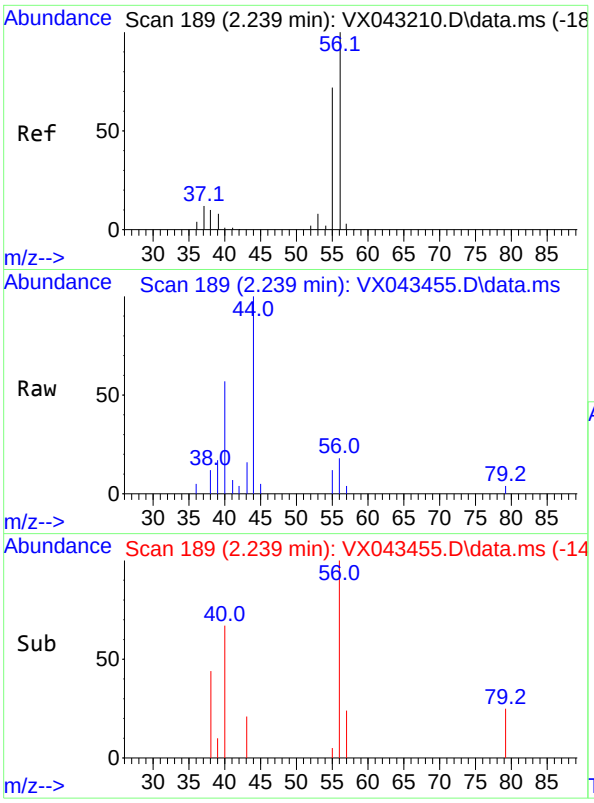


#11
Tert butyl alcohol
Concen: 11.968 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.061 min
Lab File: VX043455.D
Acq: 21 Oct 2024 15:25

Tgt Ion: 59 Resp: 4560

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	13.0#



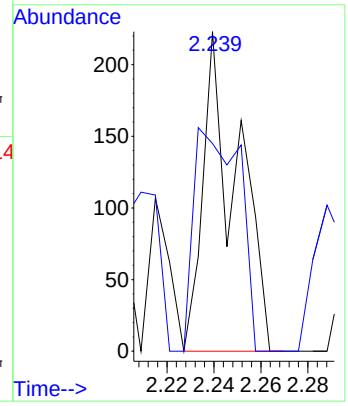


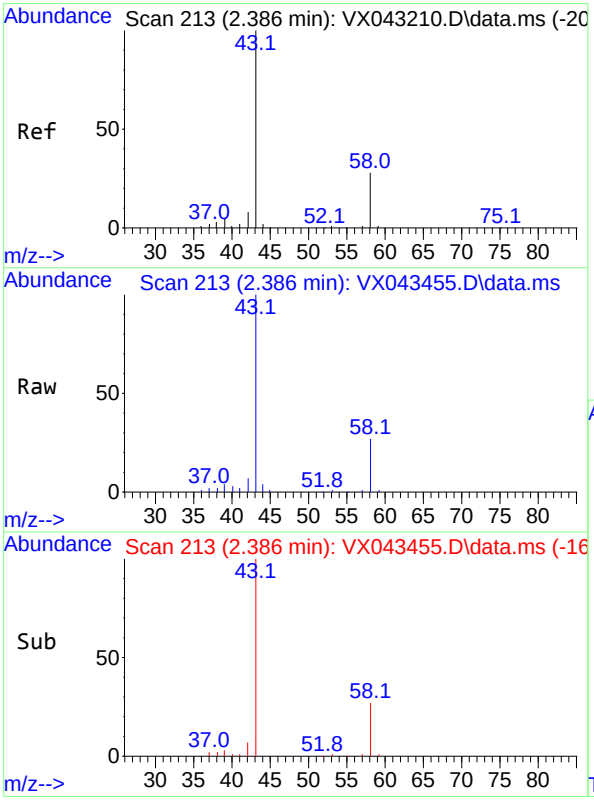
#13
Acrolein
Concen: 0.628 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX043455.D
Acq: 21 Oct 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 226

Ion	Ratio	Lower	Upper
56	100		
55	92.9	57.4	86.0#

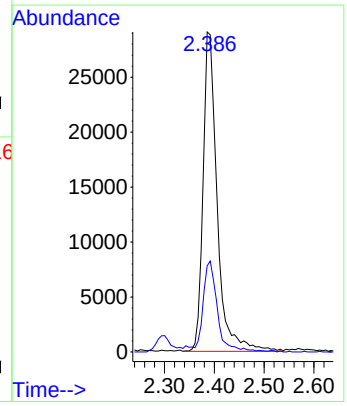


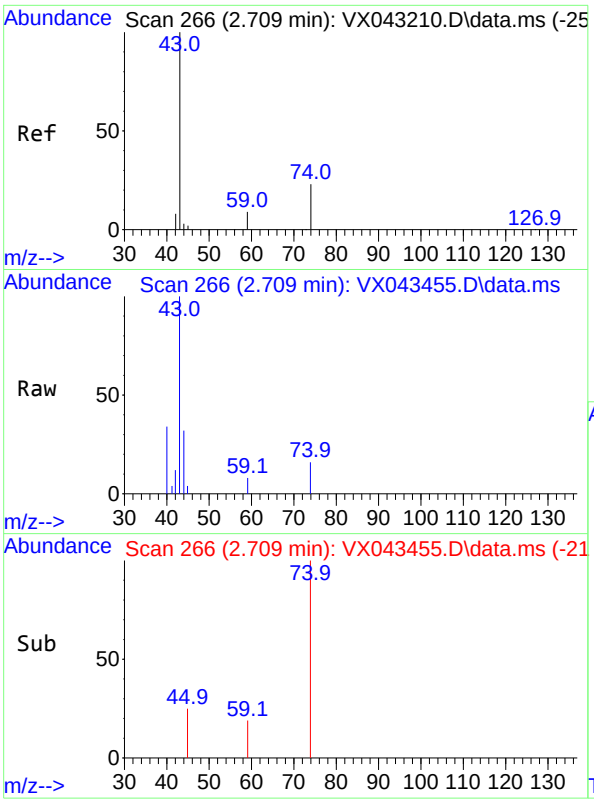


#16
Acetone
Concen: 68.365 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX043455.D
Acq: 21 Oct 2024 15:25

Tgt Ion: 43 Resp: 57164

Ion	Ratio	Lower	Upper
43	100		
58	27.0	22.6	33.8



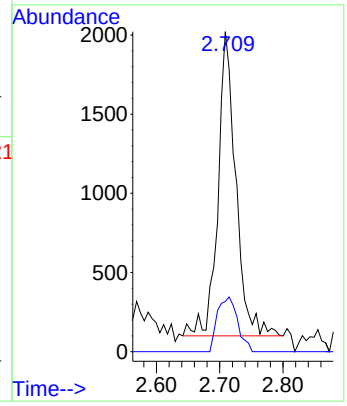


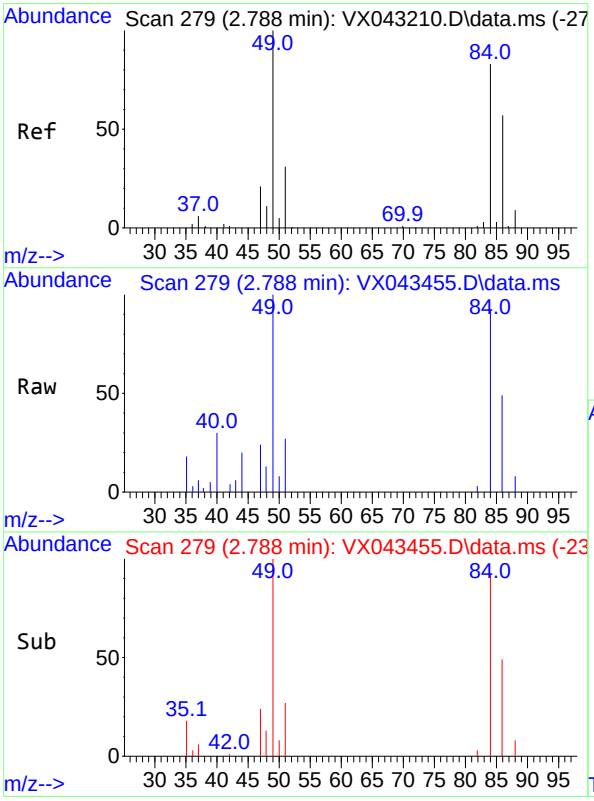
#18
Methyl Acetate
Concen: 1.792 ug/l
RT: 2.709 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX043455.D
Acq: 21 Oct 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 3759

Ion	Ratio	Lower	Upper
43	100		
74	20.2	19.1	28.7

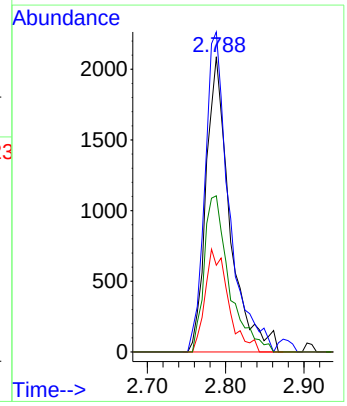


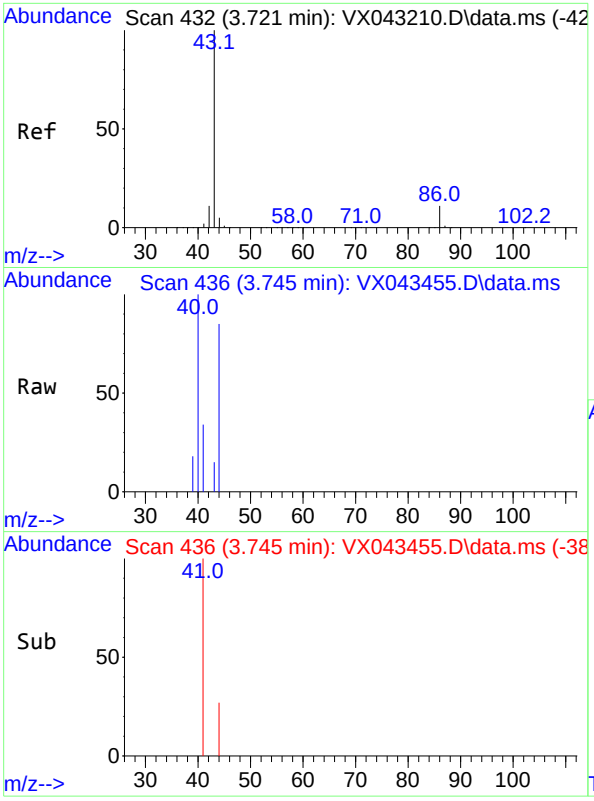


#20
Methylene Chloride
Concen: 2.845 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX043455.D
Acq: 21 Oct 2024 15:25

Tgt Ion: 84 Resp: 4386

Ion	Ratio	Lower	Upper
84	100		
49	108.4	96.7	145.1
51	29.3	30.4	45.6#
86	52.9	54.7	82.1#



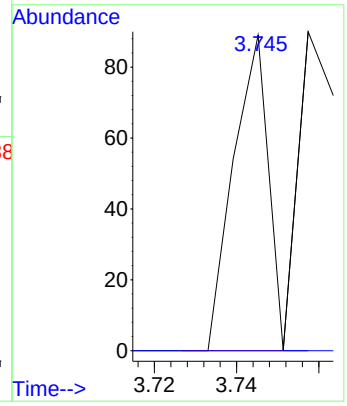


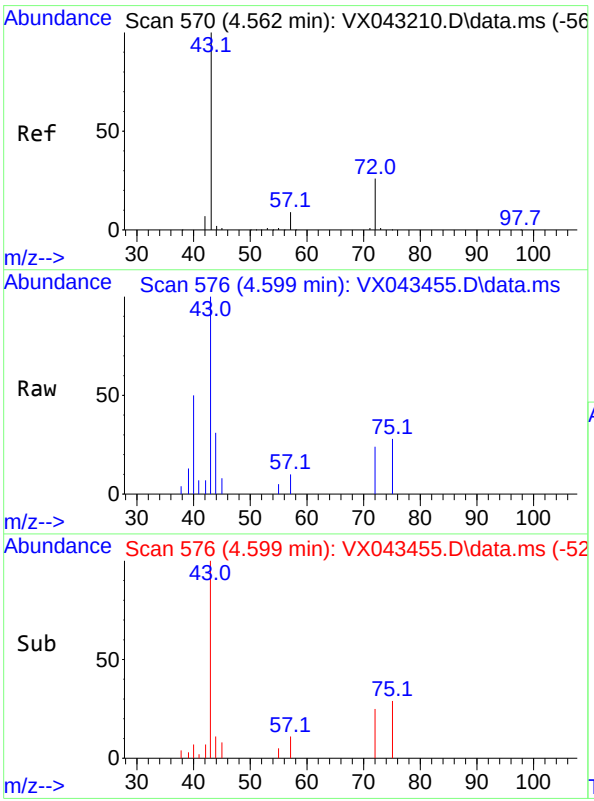
#23
Vinyl Acetate
Concen: 6.349 ug/l
RT: 3.745 min Scan# 4
Delta R.T. 0.024 min
Lab File: VX043455.D
Acq: 21 Oct 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 52

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.8	13.2#

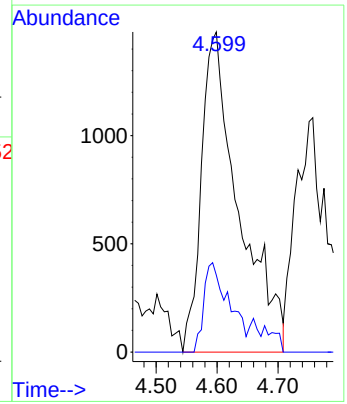


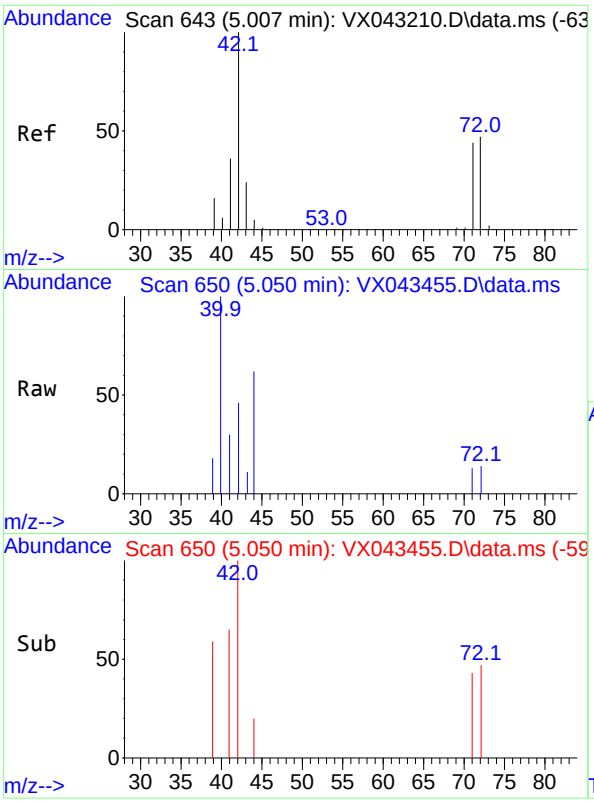


#25
2-Butanone
Concen: 5.490 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.037 min
Lab File: VX043455.D
Acq: 21 Oct 2024 15:25

Tgt Ion: 43 Resp: 6294

Ion	Ratio	Lower	Upper
43	100		
72	24.0	20.6	31.0



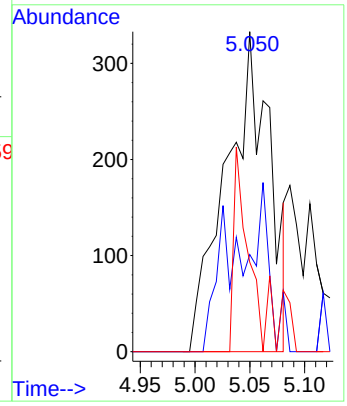


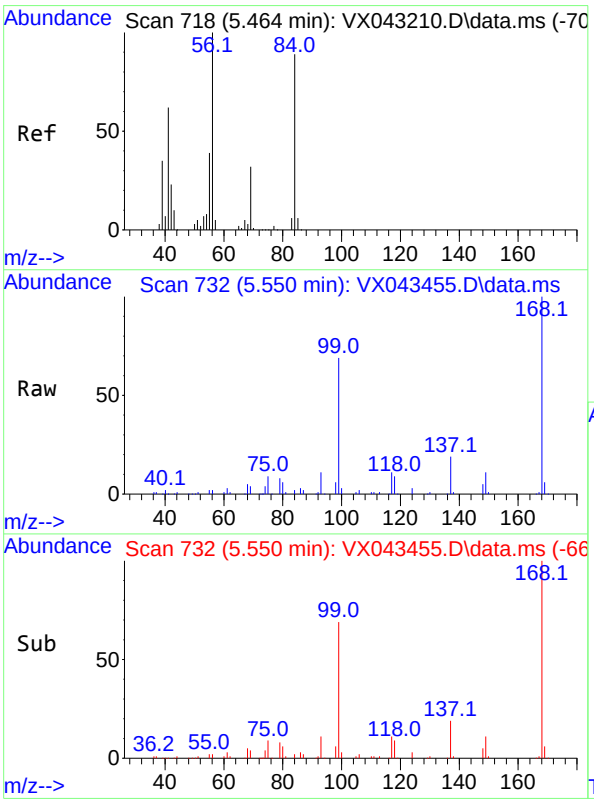
#29
Tetrahydrofuran
Concen: 1.253 ug/l
RT: 5.050 min Scan# 6
Delta R.T. 0.043 min
Lab File: VX043455.D
Acq: 21 Oct 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 915

Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.7	56.5#
71	20.4	34.6	52.0#

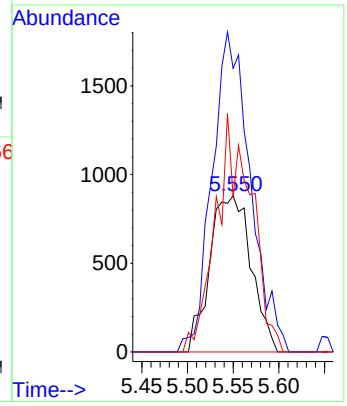


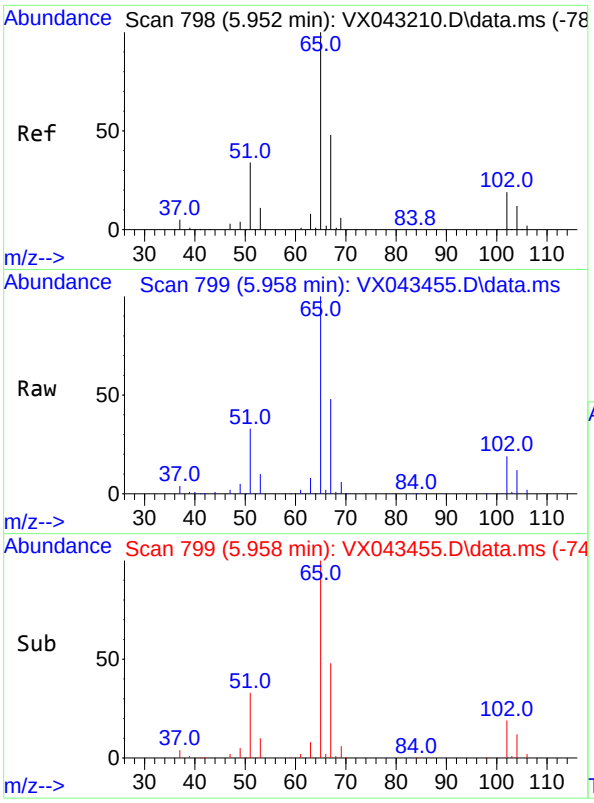


#31
Cyclohexane
Concen: 1.283 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX043455.D
Acq: 21 Oct 2024 15:25

Tgt Ion: 56 Resp: 2771

Ion	Ratio	Lower	Upper
56	100		
69	173.2	25.8	38.6#
84	99.7	71.1	106.7



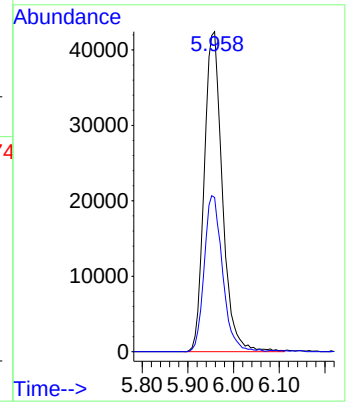


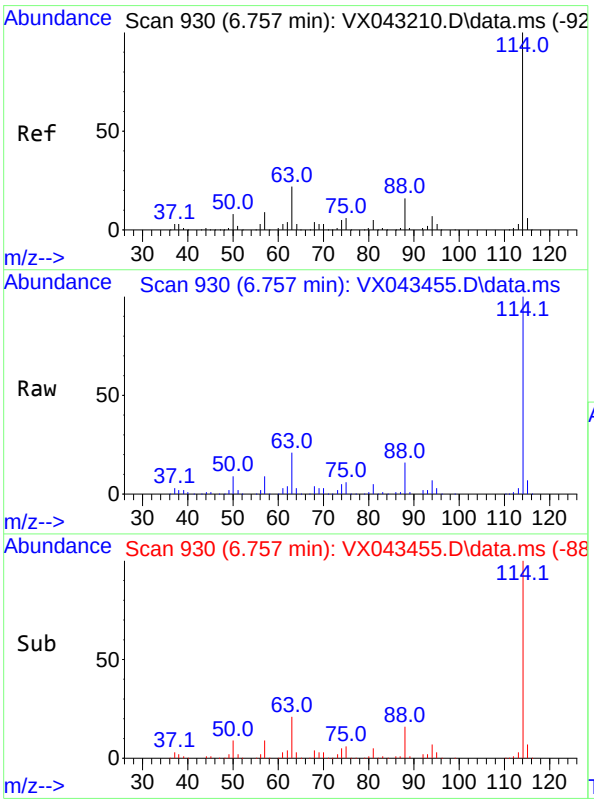
#33
1,2-Dichloroethane-d4
Concen: 58.249 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX043455.D
Acq: 21 Oct 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 116629

Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	99.0

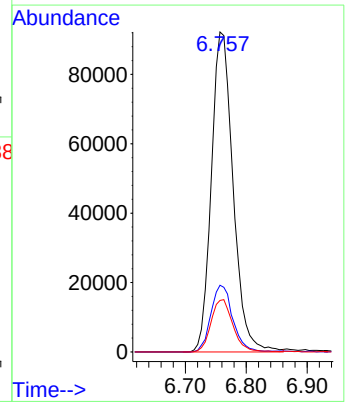


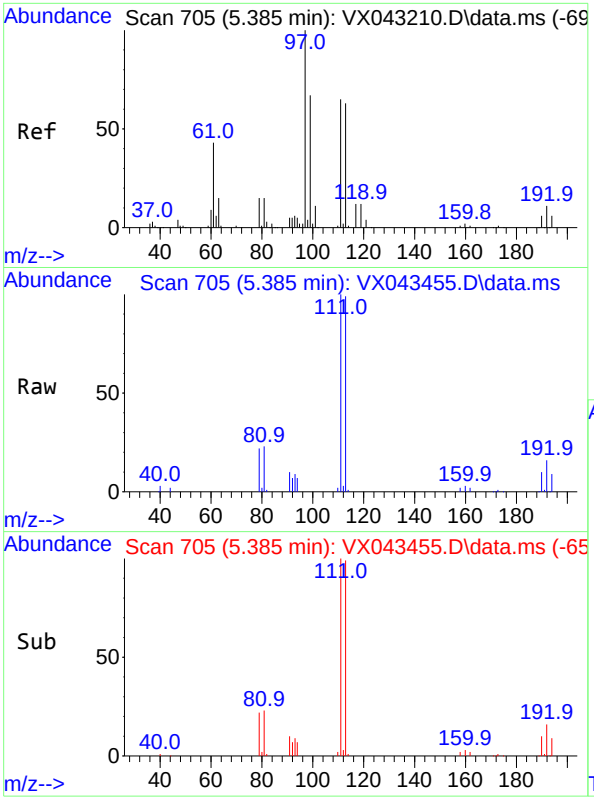


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX043455.D
Acq: 21 Oct 2024 15:25

Tgt Ion:114 Resp: 228788

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	43.0
88	16.1	0.0	33.0



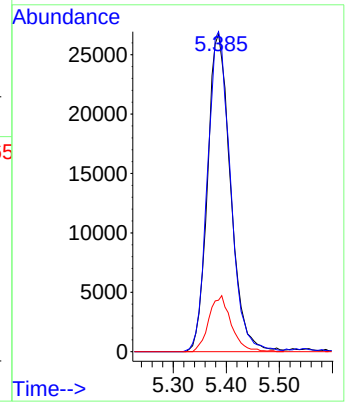


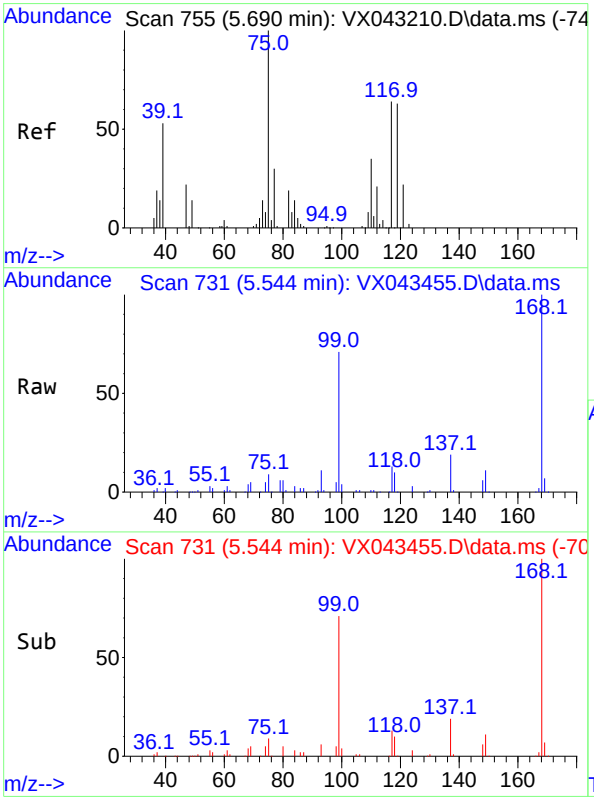
#35
Dibromofluoromethane
Concen: 50.953 ug/l
RT: 5.385 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX043455.D
Acq: 21 Oct 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 80395

Ion	Ratio	Lower	Upper
113	100		
111	100.5	83.4	125.0
192	17.2	14.1	21.1

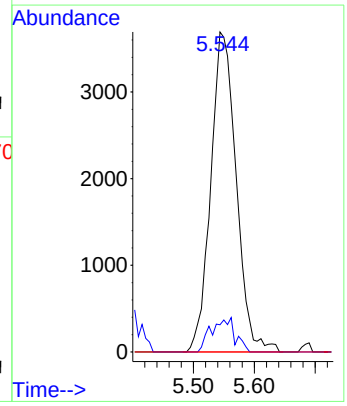


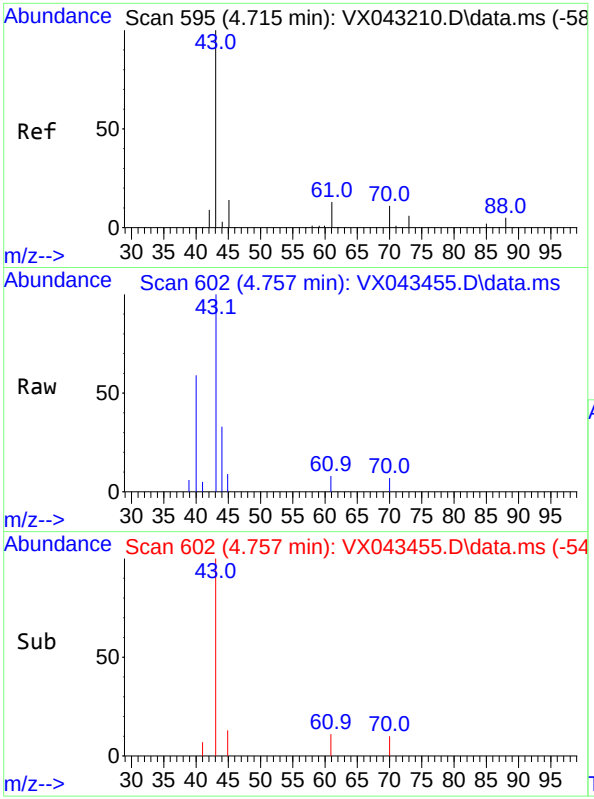


#36
1,1-Dichloropropene
Concen: 5.381 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX043455.D
Acq: 21 Oct 2024 15:25

Tgt Ion: 75 Resp: 10726

Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.8	53.3#
77	0.0	24.9	37.3#



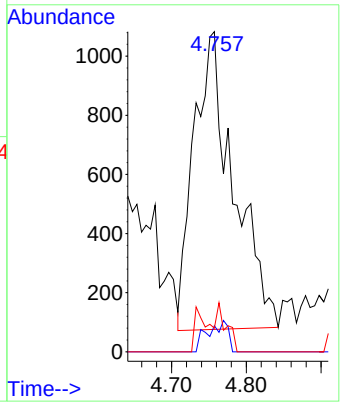


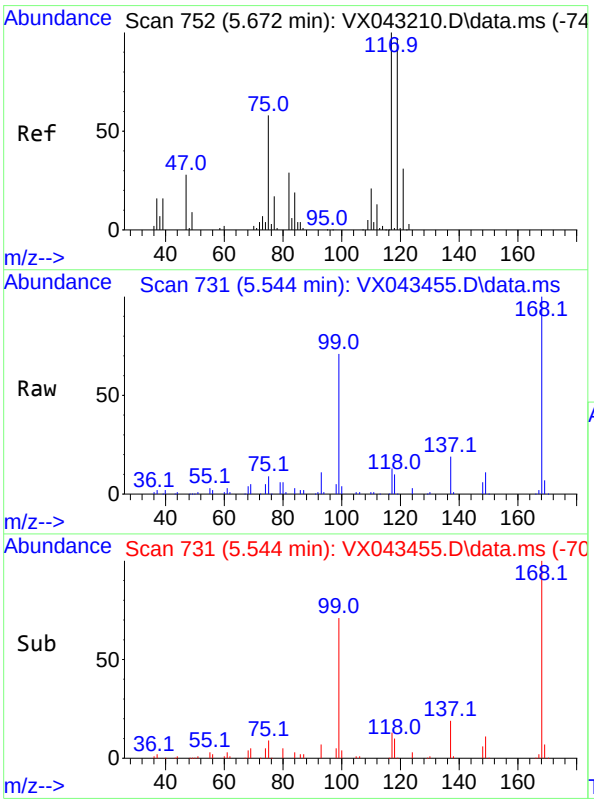
#37
Ethyl Acetate
Concen: 1.557 ug/l
RT: 4.757 min Scan# 6
Delta R.T. 0.043 min
Lab File: VX043455.D
Acq: 21 Oct 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 3728

Ion	Ratio	Lower	Upper
43	100		
61	3.4	11.0	16.4#
70	4.0	8.9	13.3#

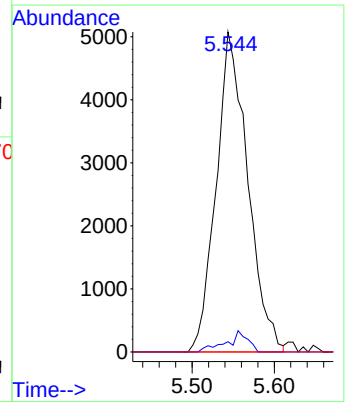


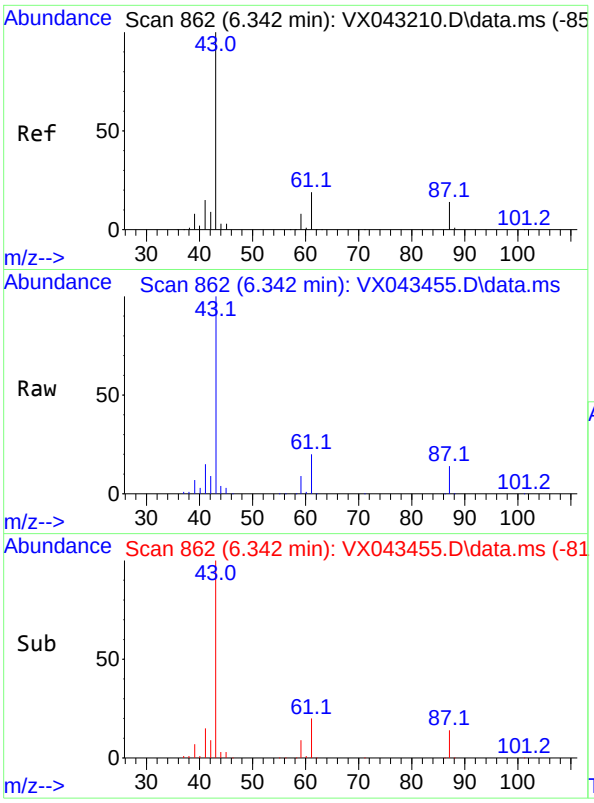


#38
Carbon Tetrachloride
Concen: 5.744 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX043455.D
Acq: 21 Oct 2024 15:25

Tgt Ion:117 Resp: 13554

Ion	Ratio	Lower	Upper
117	100		
119	3.2	77.7	116.5#
121	0.0	24.3	36.5#



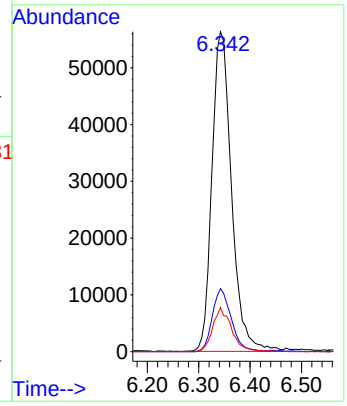


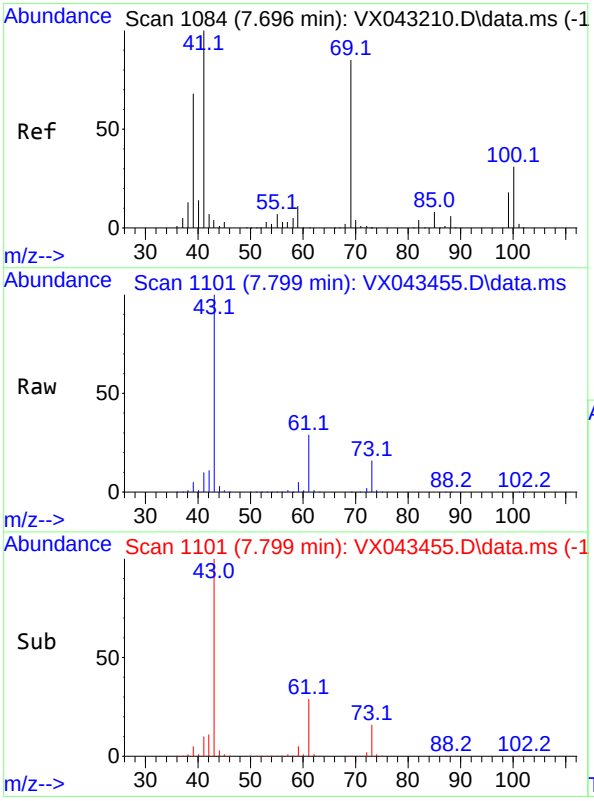
#43
Isopropyl Acetate
Concen: 37.642 ug/l
RT: 6.342 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX043455.D
Acq: 21 Oct 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 148825

Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.1	22.7
87	13.4	10.8	16.2

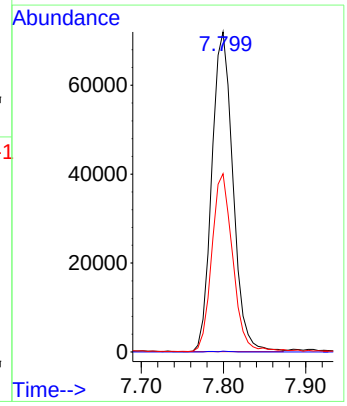


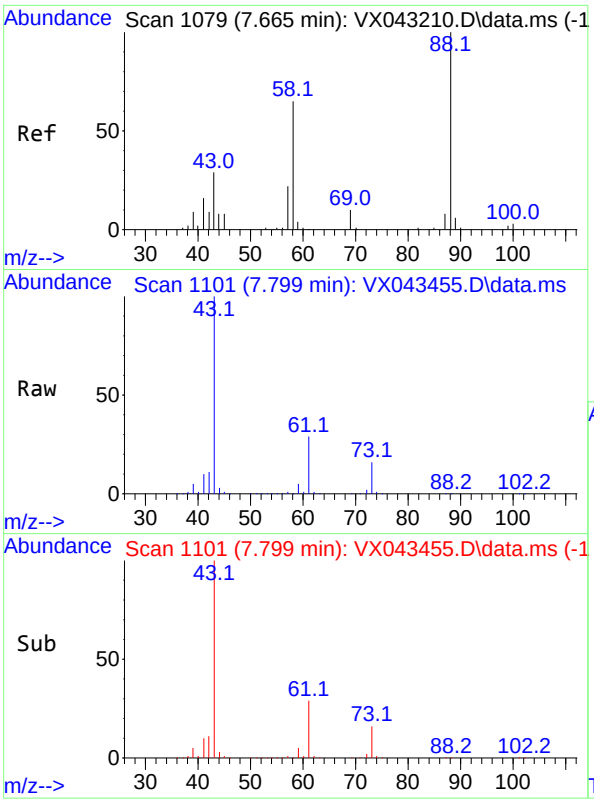


#48
Methyl methacrylate
Concen: 66.131 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX043455.D
Acq: 21 Oct 2024 15:25

Tgt Ion: 41 Resp: 128289

Ion	Ratio	Lower	Upper
41	100		
69	0.1	64.1	96.1#
39	55.3	52.8	79.2



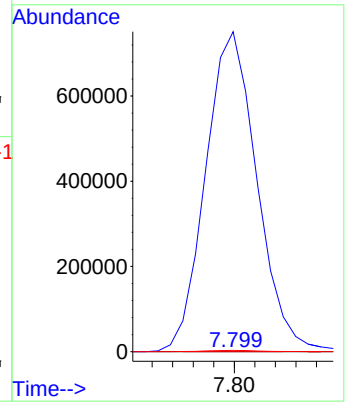


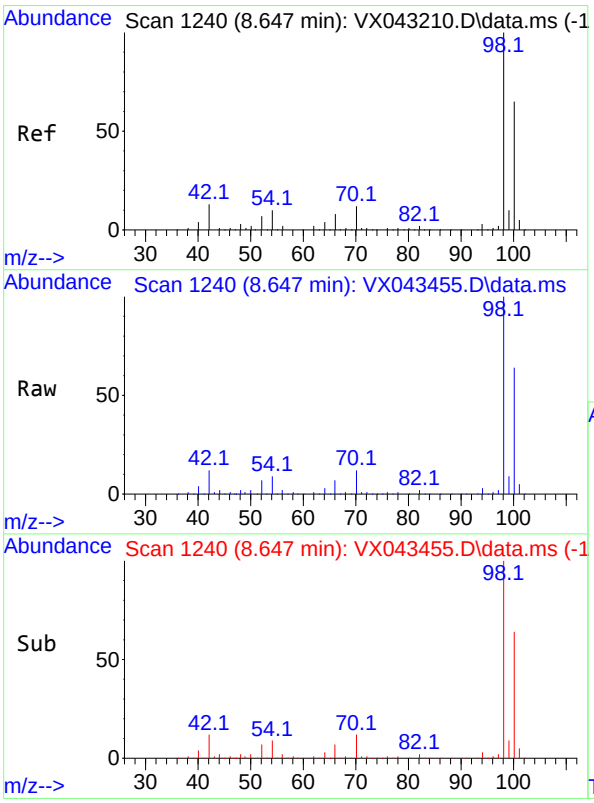
#49
1,4-Dioxane
Concen: 3.633 ug/l
RT: 7.799 min Scan# 11
Delta R.T. 0.134 min
Lab File: VX043455.D
Acq: 21 Oct 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 137

Ion	Ratio	Lower	Upper
88	100		
43	964740.9	29.5	44.3#
58	4019.7	55.2	82.8#

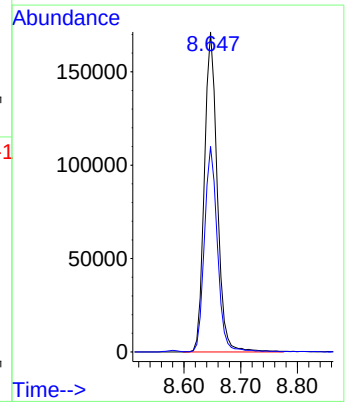


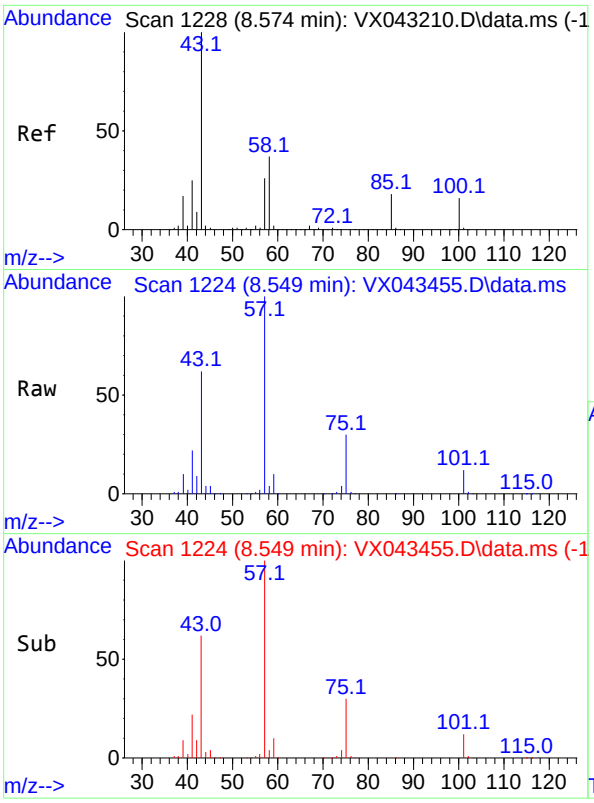


#50
Toluene-d8
Concen: 49.410 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043455.D
Acq: 21 Oct 2024 15:25

Tgt Ion: 98 Resp: 270167

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.4	78.6



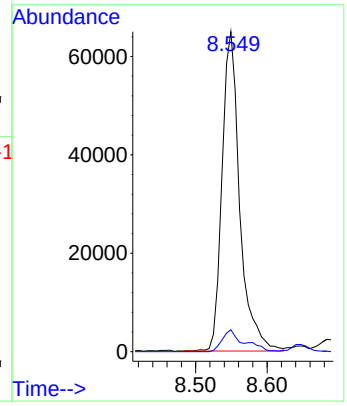


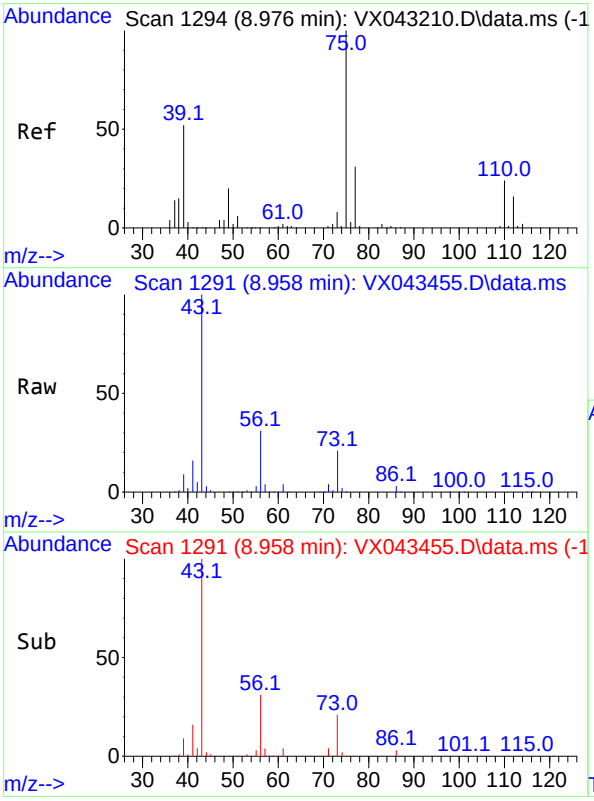
#51
4-Methyl-2-Pentanone
Concen: 46.418 ug/l
RT: 8.549 min Scan# 1
Delta R.T. -0.024 min
Lab File: VX043455.D
Acq: 21 Oct 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 111463

Ion	Ratio	Lower	Upper
43	100		
58	8.4	30.0	45.0#

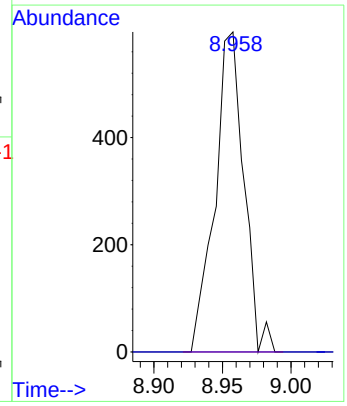


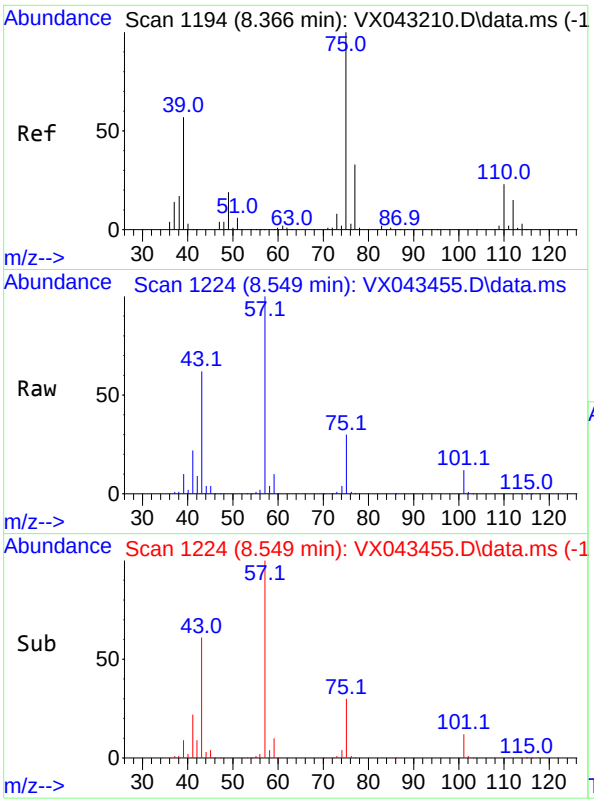


#53
t-1,3-Dichloropropene
Concen: 0.377 ug/l
RT: 8.958 min Scan# 1291
Delta R.T. -0.018 min
Lab File: VX043455.D
Acq: 21 Oct 2024 15:25

Tgt Ion: 75 Resp: 876

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.1	37.7#



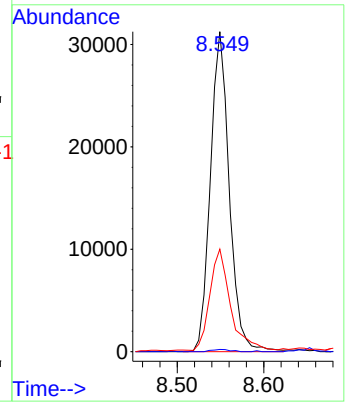


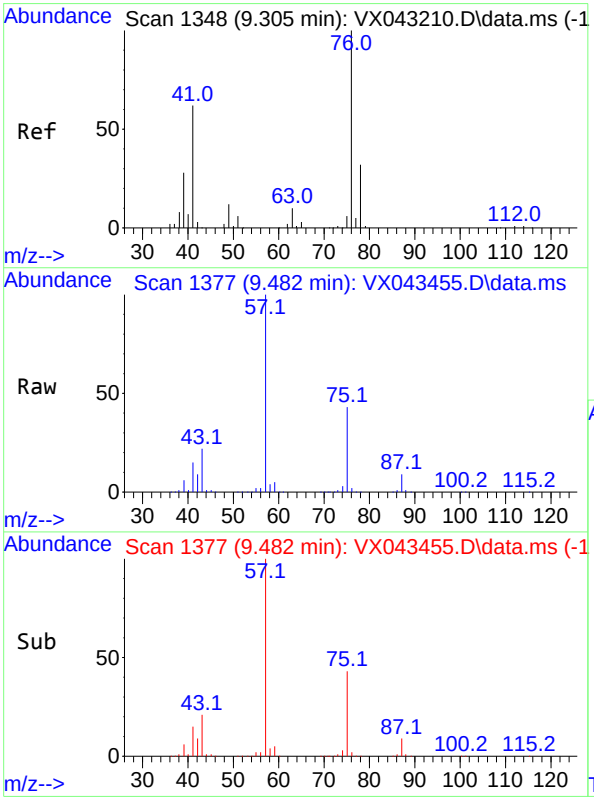
#54
cis-1,3-Dichloropropene
Concen: 19.014 ug/l
RT: 8.549 min Scan# 1
Delta R.T. 0.183 min
Lab File: VX043455.D
Acq: 21 Oct 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 47348

Ion	Ratio	Lower	Upper
75	100		
77	0.7	26.0	39.0#
39	31.6	45.8	68.8#

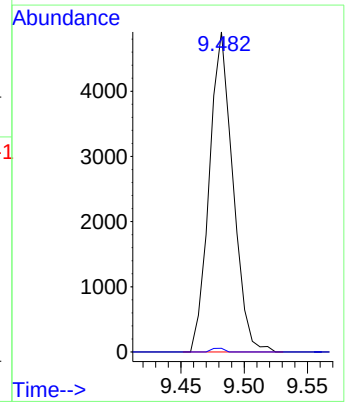


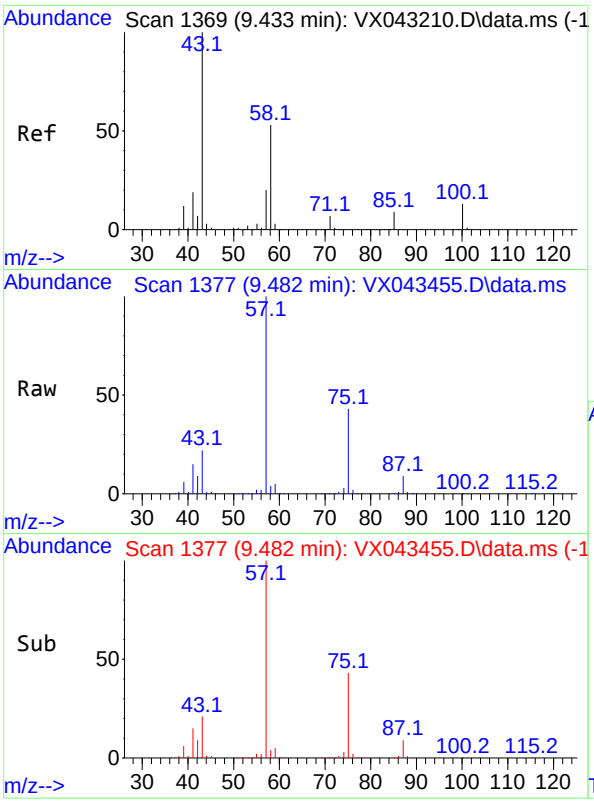


#57
1,3-Dichloropropane
Concen: 2.487 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX043455.D
Acq: 21 Oct 2024 15:25

Tgt Ion: 76 Resp: 6376

Ion	Ratio	Lower	Upper
76	100		
78	0.6	25.7	38.5#



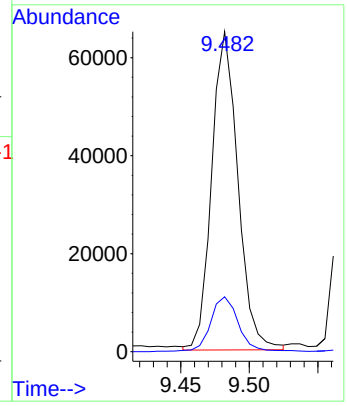


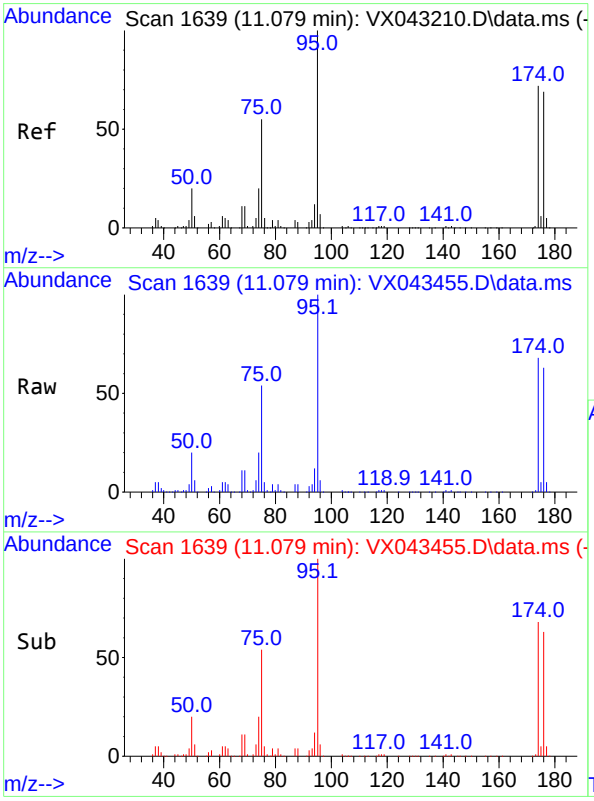
#59
2-Hexanone
Concen: 47.646 ug/l
RT: 9.482 min Scan# 1
Delta R.T. 0.049 min
Lab File: VX043455.D
Acq: 21 Oct 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 86519

Ion	Ratio	Lower	Upper
43	100		
58	18.5	26.1	78.3#

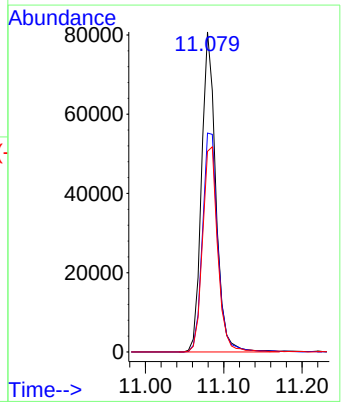


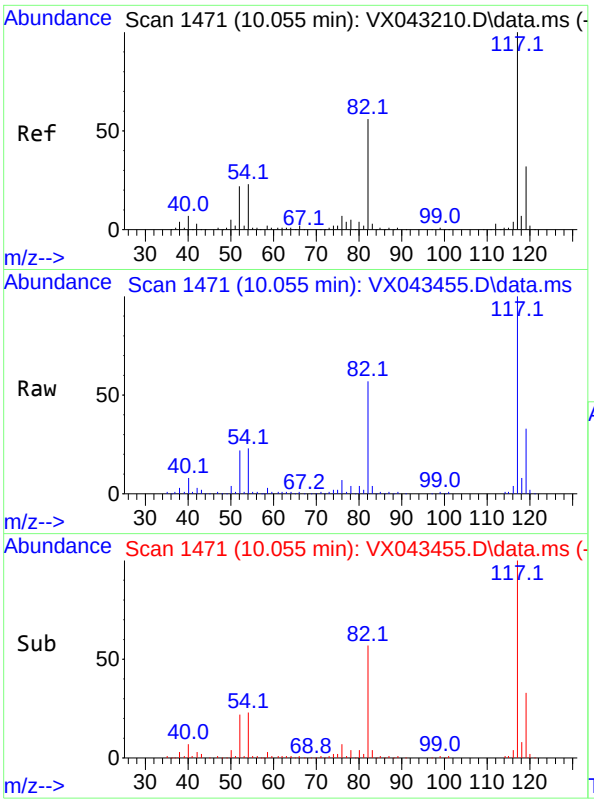


#62
4-Bromofluorobenzene
Concen: 51.285 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043455.D
Acq: 21 Oct 2024 15:25

Tgt Ion: 95 Resp: 101874

Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	145.0
176	68.1	0.0	143.0



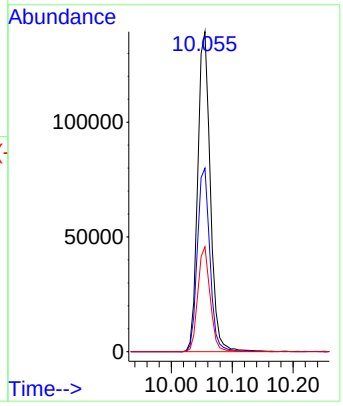


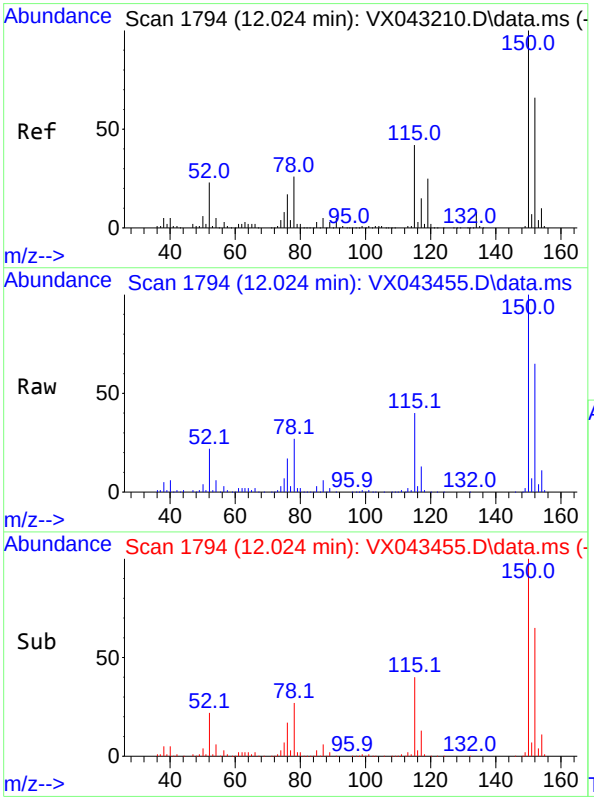
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX043455.D
Acq: 21 Oct 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 199666

Ion	Ratio	Lower	Upper
117	100		
82	57.4	45.0	67.6
119	32.8	25.3	37.9

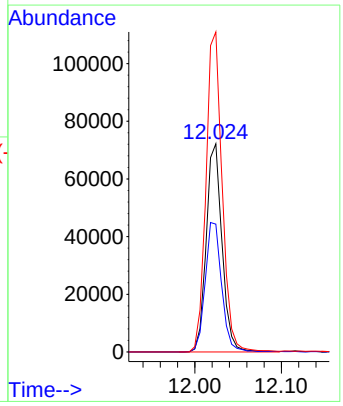


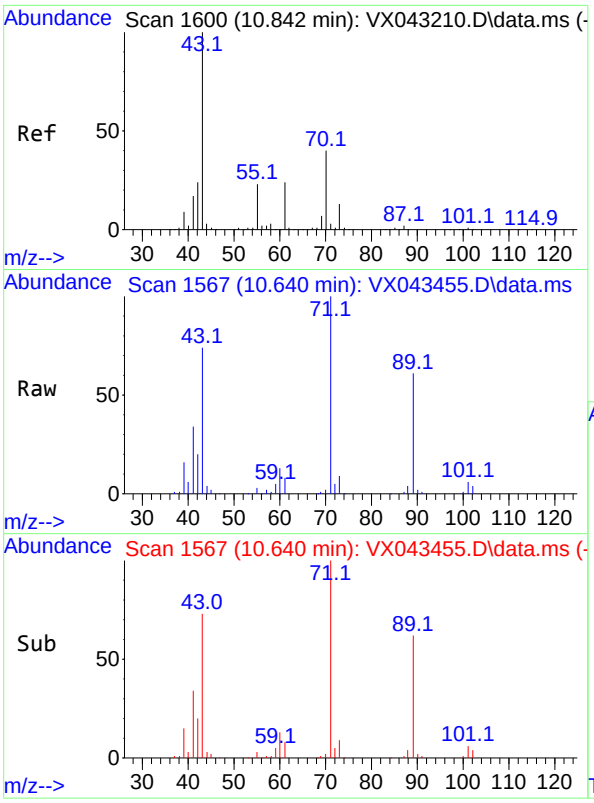


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043455.D
Acq: 21 Oct 2024 15:25

Tgt Ion:152 Resp: 91610

Ion	Ratio	Lower	Upper
152	100		
115	64.8	44.1	132.3
150	157.0	0.0	347.4



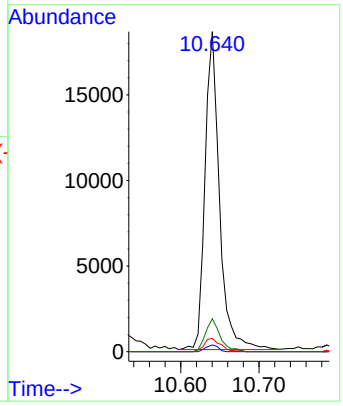


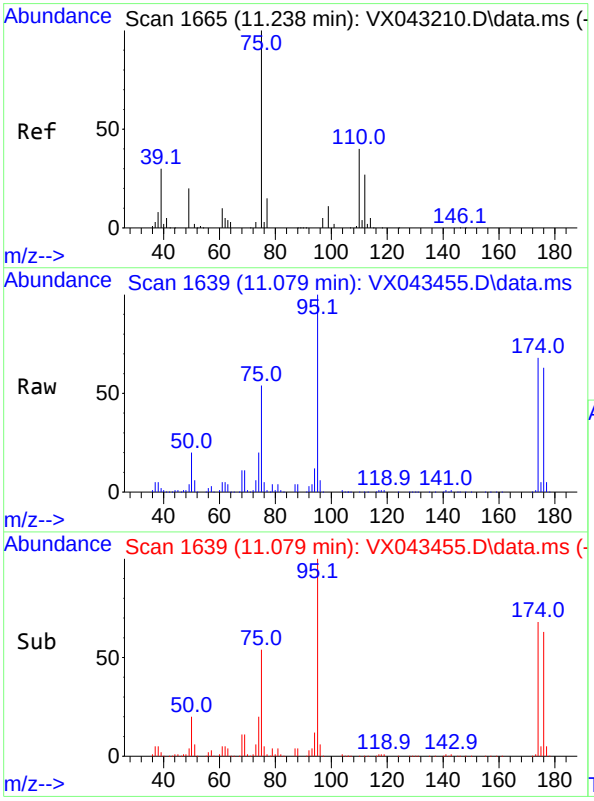
#74
N-amyl acetate
Concen: 7.024 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.201 min
Lab File: VX043455.D
Acq: 21 Oct 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 23749

Ion	Ratio	Lower	Upper
43	100		
70	1.8	33.1	49.7#
55	4.9	18.6	27.8#
61	10.6	18.7	28.1#

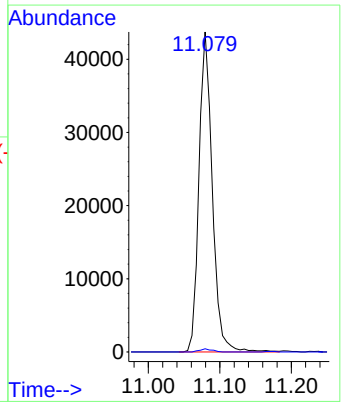


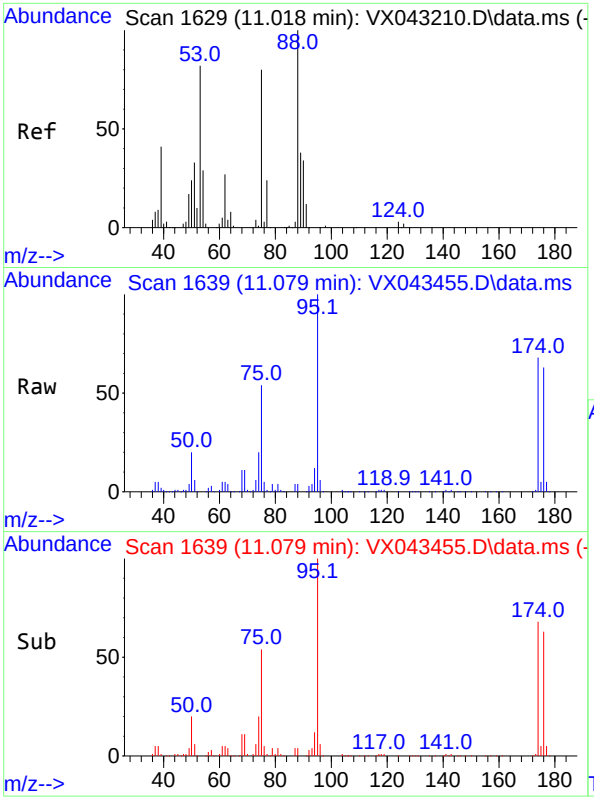


#76
1,2,3-Trichloropropane
Concen: 27.825 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043455.D
Acq: 21 Oct 2024 15:25

Tgt Ion: 75 Resp: 56541

Ion	Ratio	Lower	Upper
75	100		
77	0.9	22.0	66.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 72.113 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043455.D
Acq: 21 Oct 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 56541

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