Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102124\
Data File : VX043458.D
Acq On : 21 Oct 2024 16:35
Operator : JC/MD
Sample : PB164196TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 22 02:41:11 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	95277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	180614	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70918	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84310	54.183	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.360%			
35) Dibromofluoromethane	5.385	113	60825	48.832	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.660%			
50) Toluene-d8	8.647	98	214345	49.657	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.320%			
62) 4-Bromofluorobenzene	11.079	95	80426	51.287	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.580%			
Target Compounds						Qvalue
5) Bromomethane	1.599	94	150	0.321	ug/l #	2
6) Chloroethane	1.611	64	161	0.378	ug/l #	42
11) Tert butyl alcohol	2.940	59	1901	6.420	ug/l #	71
13) Acrolein	2.239	56	271	0.969	ug/l	93
16) Acetone	2.386	43	29609	45.566	ug/l	99
18) Methyl Acetate	2.709	43	3824	2.346	ug/l	99
20) Methylene Chloride	2.788	84	3378	2.819	ug/l	95
23) Vinyl Acetate	3.739	43	50	6.352	ug/l #	71
29) Tetrahydrofuran	5.056	42	742	1.307	ug/l #	47
31) Cyclohexane	5.550	56	2404	1.432	ug/l #	48
36) 1,1-Dichloropropene	5.550	75	8572	5.447	ug/l #	44
37) Ethyl Acetate	4.739	43	2894	1.531	ug/l #	79
38) Carbon Tetrachloride	5.550	117	11495	6.171	ug/l #	15
43) Isopropyl Acetate	6.342	43	108849	34.874	ug/l	99
48) Methyl methacrylate	7.799	41	95244	62.192	ug/l #	43
49) 1,4-Dioxane	7.805	88	263	8.835	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	84314	44.477	ug/l #	51
53) t-1,3-Dichloropropene	8.951	75	709	0.387	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	36084	18.356	ug/l #	60
57) 1,3-Dichloropropane	9.482	76	4756	2.350	ug/l #	43
59) 2-Hexanone	9.482	43	64179	44.770	ug/l #	53
74) N-amyl acetate	10.811	43	1118	0.427	ug/l #	45
76) 1,2,3-Trichloropropane	11.079	75	44347	28.192	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	44347	73.064	ug/l #	8

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102124\
Data File : VX043458.D
Acq On : 21 Oct 2024 16:35
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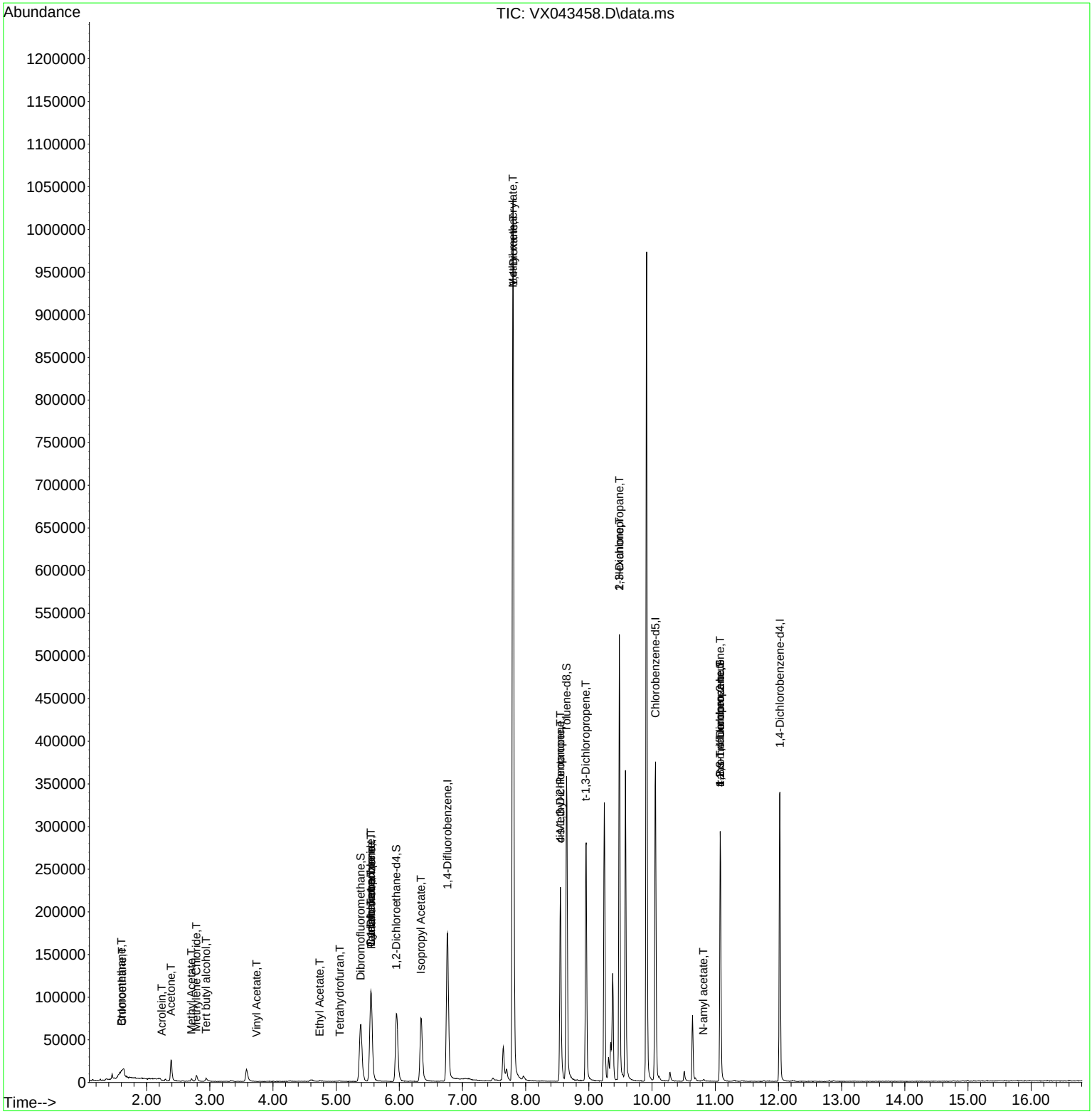
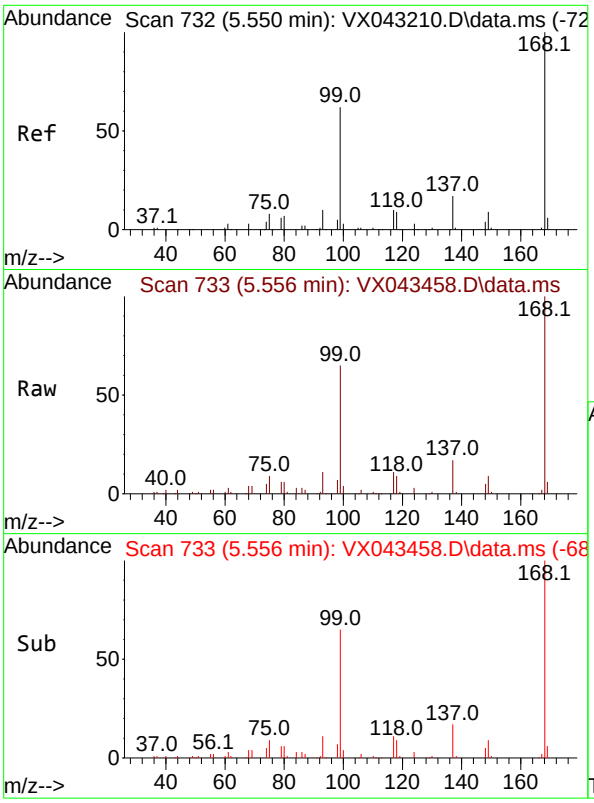
Sample : PB164196TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 22 02:41:11 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



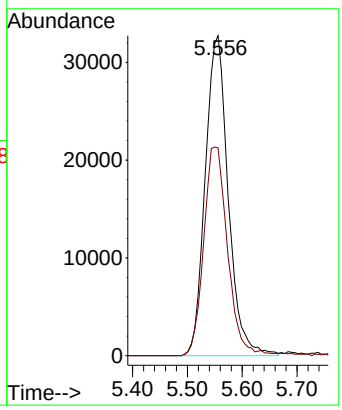


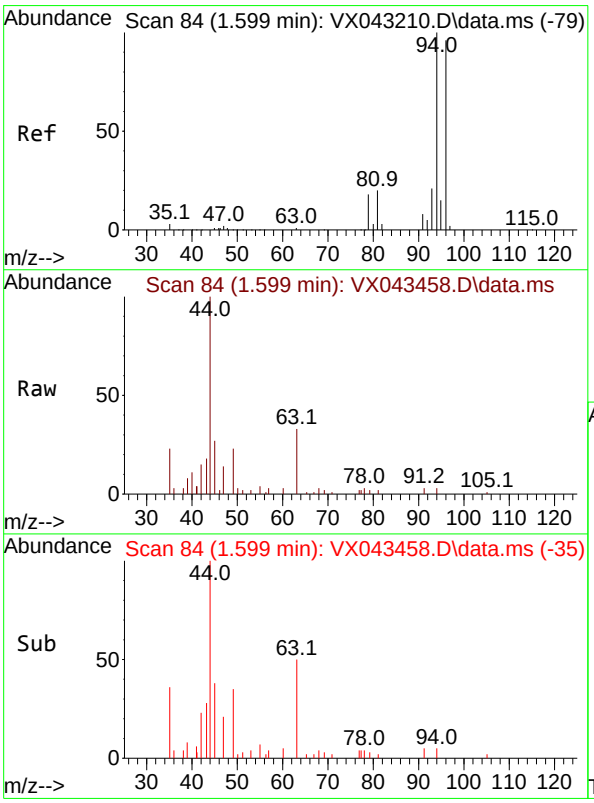
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX043458.D
Acq: 21 Oct 2024 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 95277

Ion	Ratio	Lower	Upper
168	100		
99	65.0	49.7	74.5

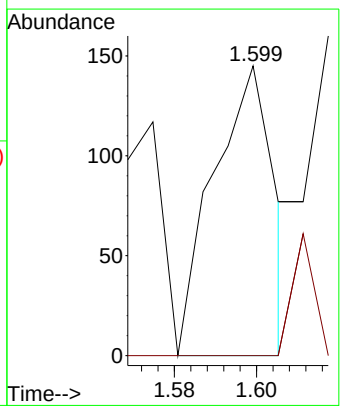


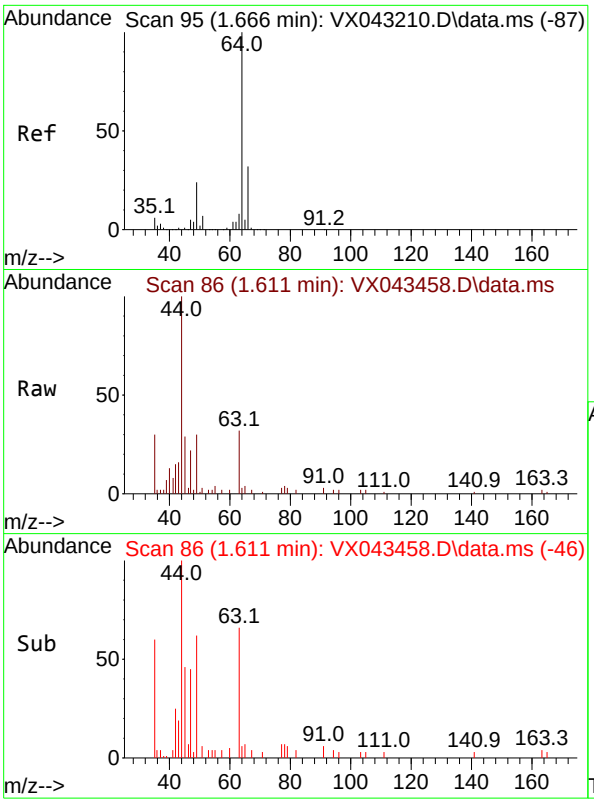


#5
Bromomethane
Concen: 0.321 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX043458.D
Acq: 21 Oct 2024 16:35

Tgt Ion: 94 Resp: 150

Ion	Ratio	Lower	Upper
94	100		
96	0.0	76.6	115.0#



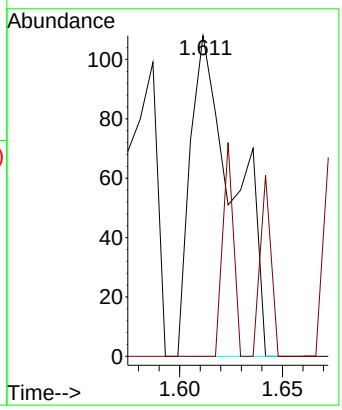


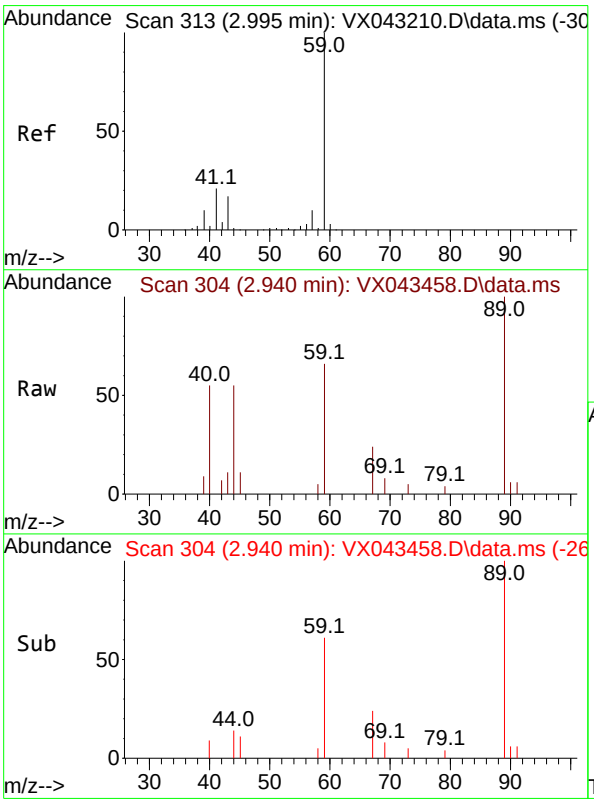
#6
Chloroethane
Concen: 0.378 ug/l
RT: 1.611 min Scan# 8
Delta R.T. -0.055 min
Lab File: VX043458.D
Acq: 21 Oct 2024 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 161

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.8	38.8#

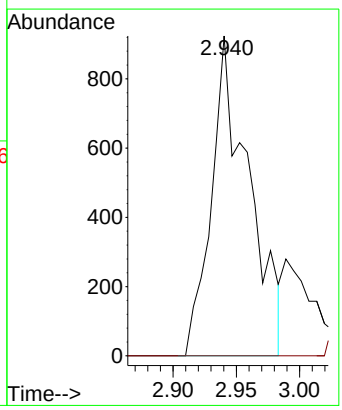


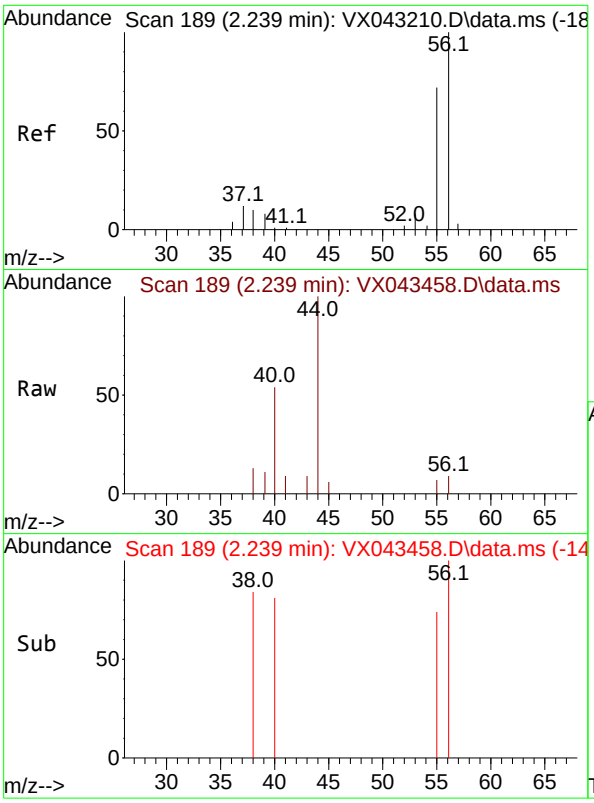


#11
Tert butyl alcohol
Concen: 6.420 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX043458.D
Acq: 21 Oct 2024 16:35

Tgt Ion: 59 Resp: 1901

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	13.0#



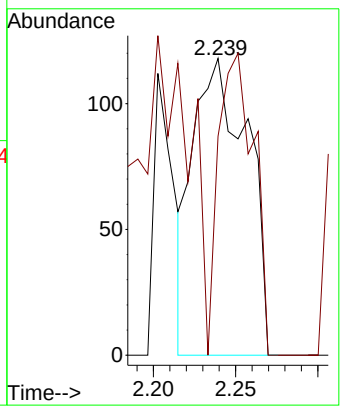


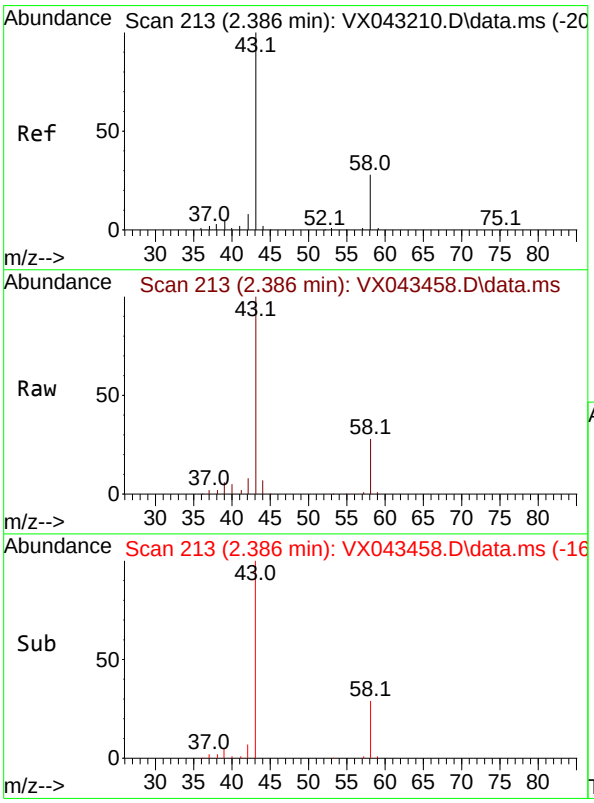
#13
Acrolein
Concen: 0.969 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX043458.D
Acq: 21 Oct 2024 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 271

Ion	Ratio	Lower	Upper
56	100		
55	65.7	57.4	86.0

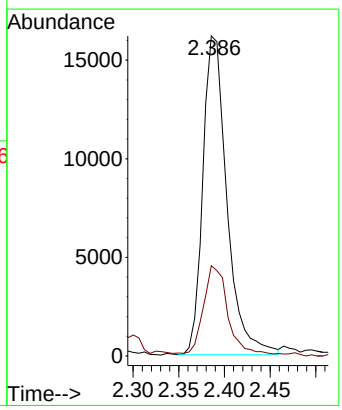


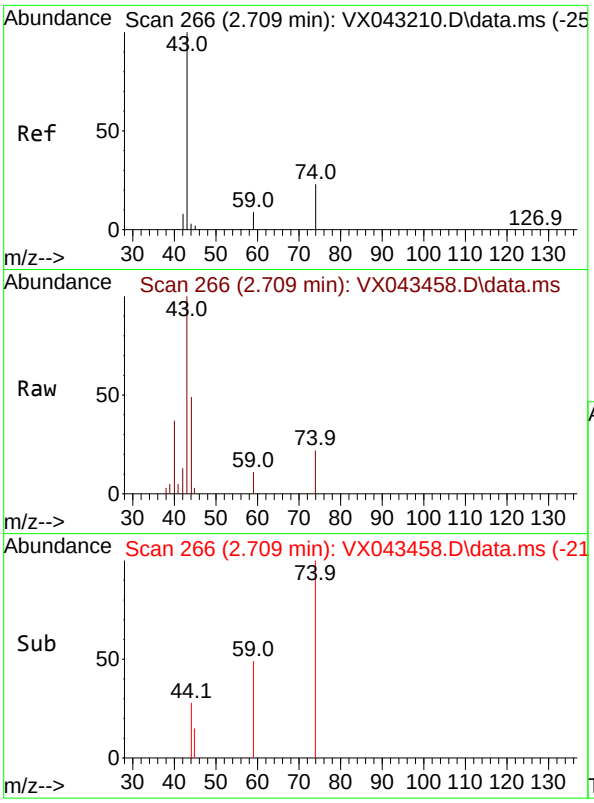


#16
Acetone
Concen: 45.566 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX043458.D
Acq: 21 Oct 2024 16:35

Tgt Ion: 43 Resp: 29609

Ion	Ratio	Lower	Upper
43	100		
58	27.6	22.6	33.8



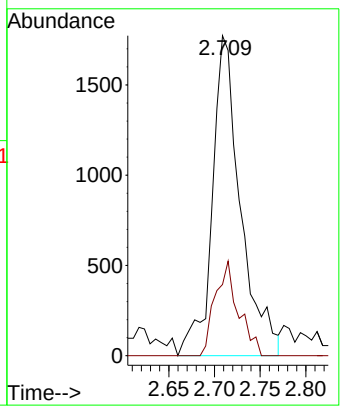


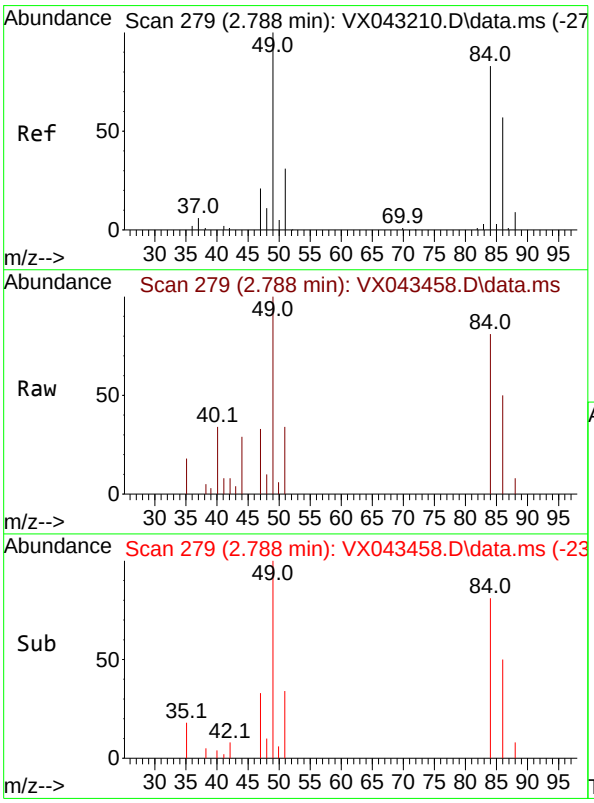
#18
Methyl Acetate
Concen: 2.346 ug/l
RT: 2.709 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX043458.D
Acq: 21 Oct 2024 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 3824

Ion	Ratio	Lower	Upper
43	100		
74	24.2	19.1	28.7

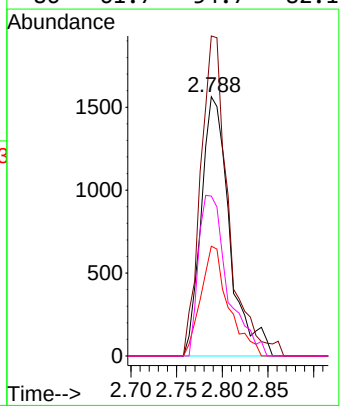


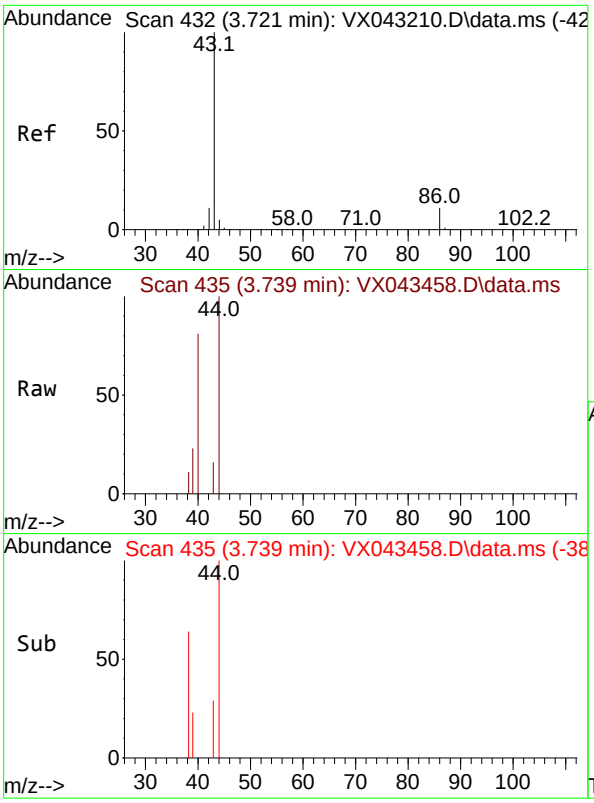


#20
Methylene Chloride
Concen: 2.819 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX043458.D
Acq: 21 Oct 2024 16:35

Tgt Ion: 84 Resp: 3378

Ion	Ratio	Lower	Upper
84	100		
49	123.5	96.7	145.1
51	42.4	30.4	45.6
86	61.7	54.7	82.1



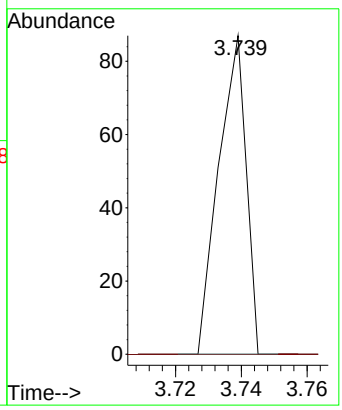


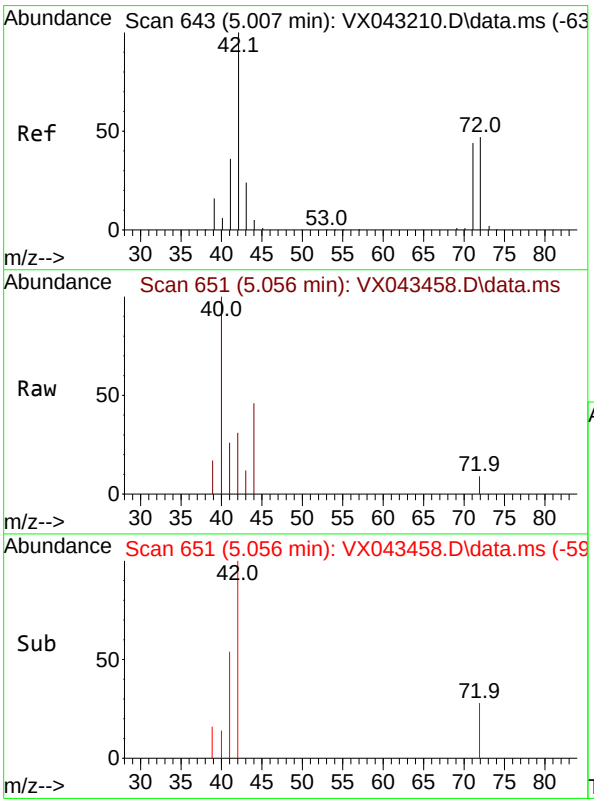
#23
Vinyl Acetate
Concen: 6.352 ug/l
RT: 3.739 min Scan# 4
Delta R.T. 0.018 min
Lab File: VX043458.D
Acq: 21 Oct 2024 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 50

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.8	13.2#

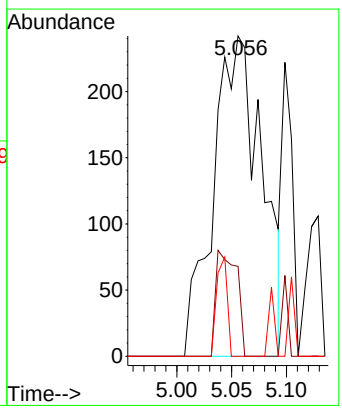


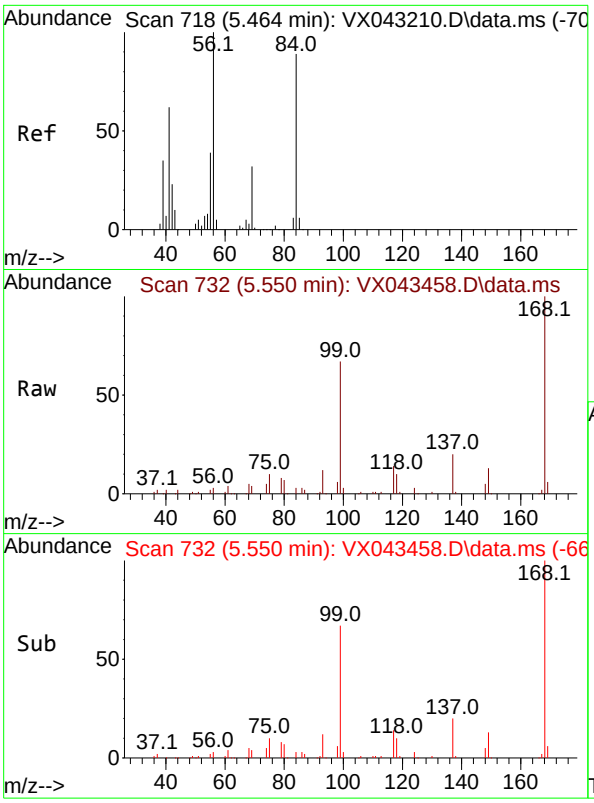


#29
Tetrahydrofuran
Concen: 1.307 ug/l
RT: 5.056 min Scan# 651
Delta R.T. 0.049 min
Lab File: VX043458.D
Acq: 21 Oct 2024 16:35

Tgt Ion: 42 Resp: 742

Ion	Ratio	Lower	Upper
42	100		
72	14.3	37.7	56.5#
71	6.7	34.6	52.0#



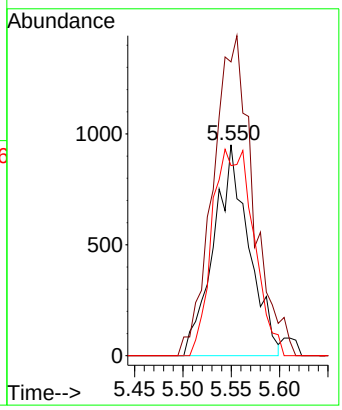


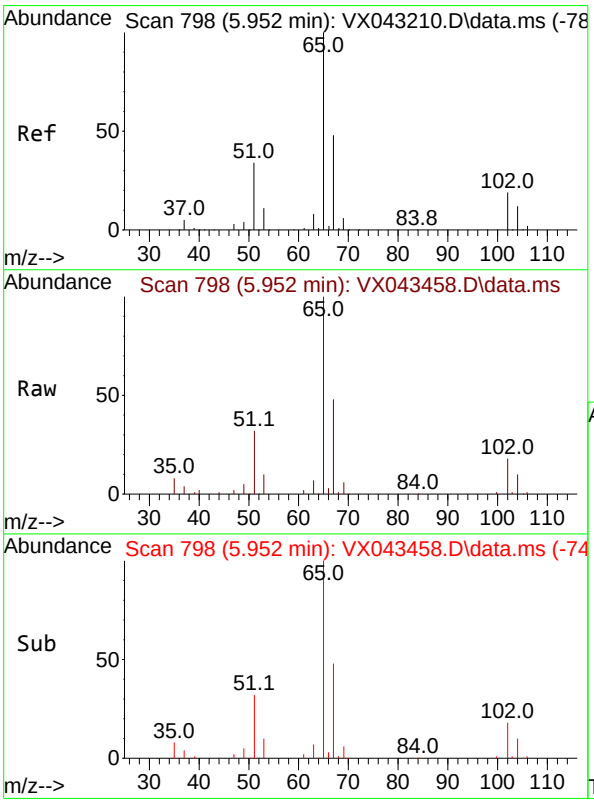
#31
Cyclohexane
Concen: 1.432 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.085 min
Lab File: VX043458.D
Acq: 21 Oct 2024 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 2404

Ion	Ratio	Lower	Upper
56	100		
69	139.3	25.8	38.6#
84	90.1	71.1	106.7

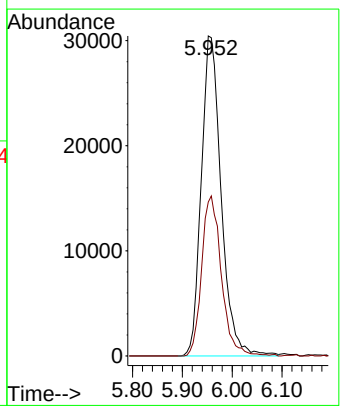


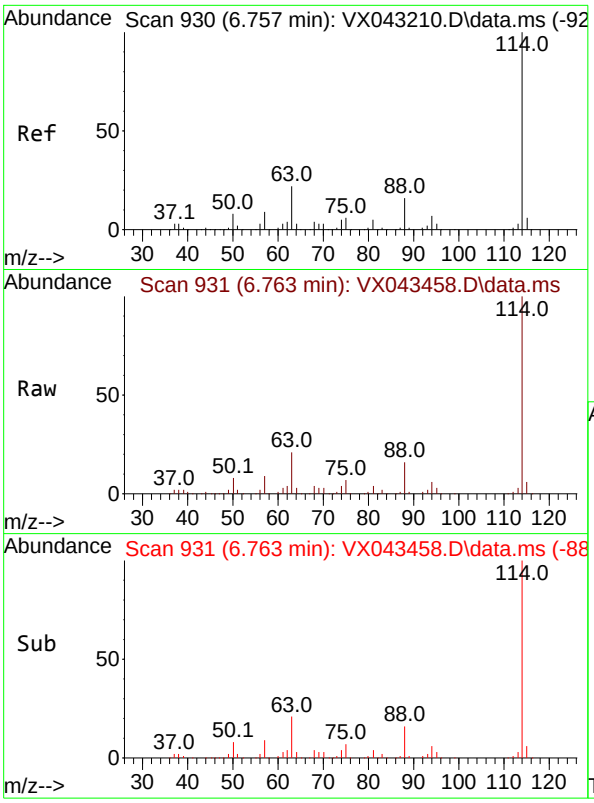


#33
1,2-Dichloroethane-d4
Concen: 54.183 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX043458.D
Acq: 21 Oct 2024 16:35

Tgt Ion: 65 Resp: 84310

Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	99.0



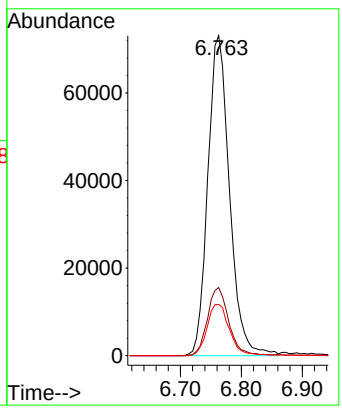


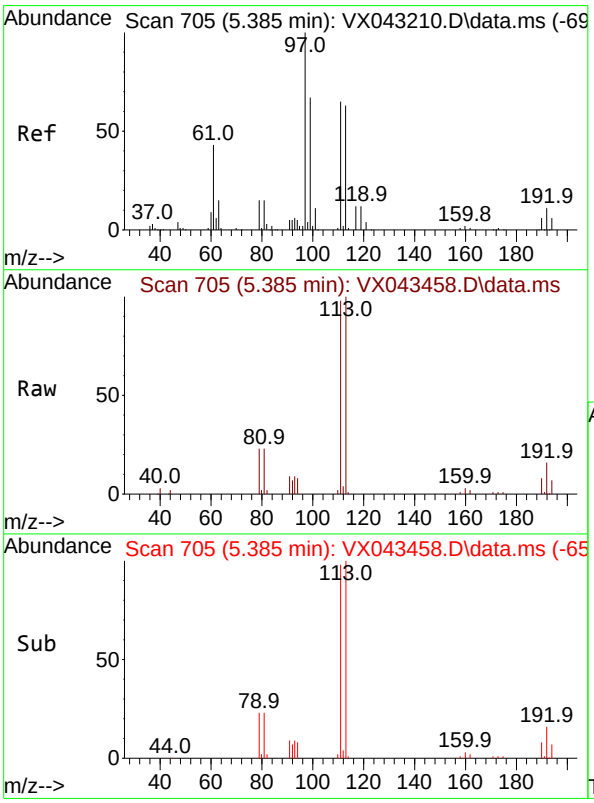
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX043458.D
Acq: 21 Oct 2024 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 180614

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	43.0
88	16.0	0.0	33.0

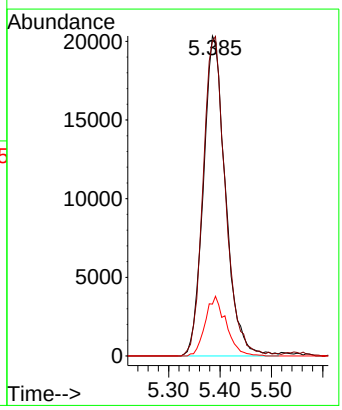


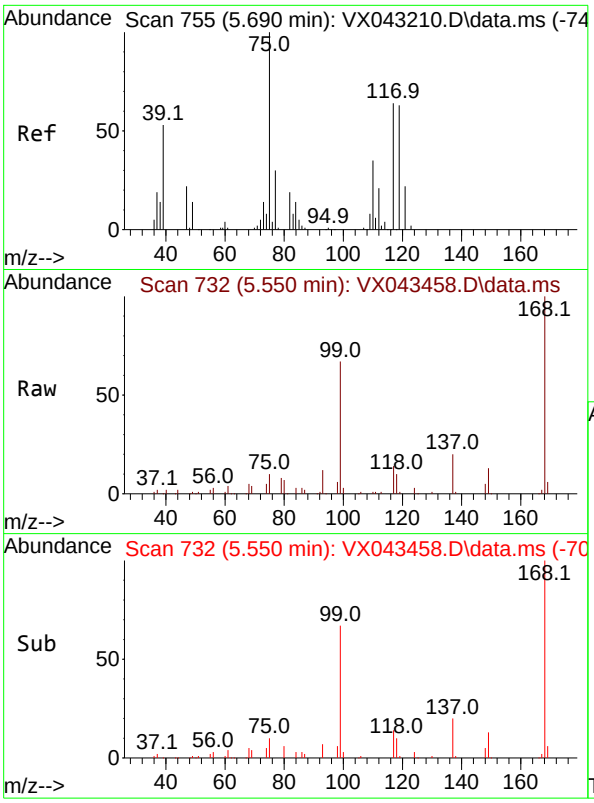


#35
Dibromofluoromethane
Concen: 48.832 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX043458.D
Acq: 21 Oct 2024 16:35

Tgt Ion:113 Resp: 60825

Ion	Ratio	Lower	Upper
113	100		
111	100.1	83.4	125.0
192	17.7	14.1	21.1



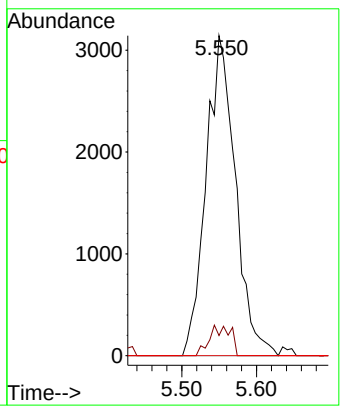


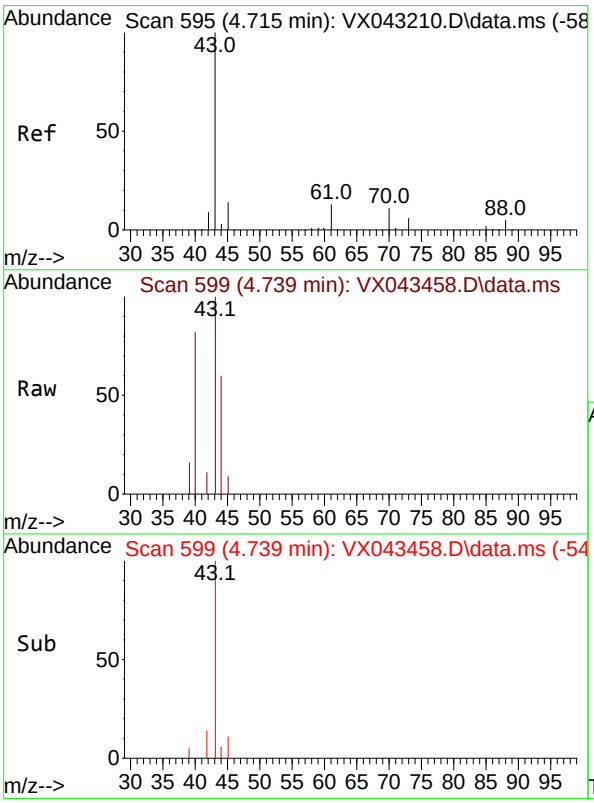
#36
1,1-Dichloropropene
Concen: 5.447 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.140 min
Lab File: VX043458.D
Acq: 21 Oct 2024 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 8572

Ion	Ratio	Lower	Upper
75	100		
110	3.5	17.8	53.3#
77	0.0	24.9	37.3#

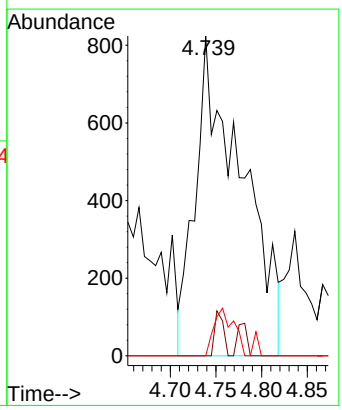


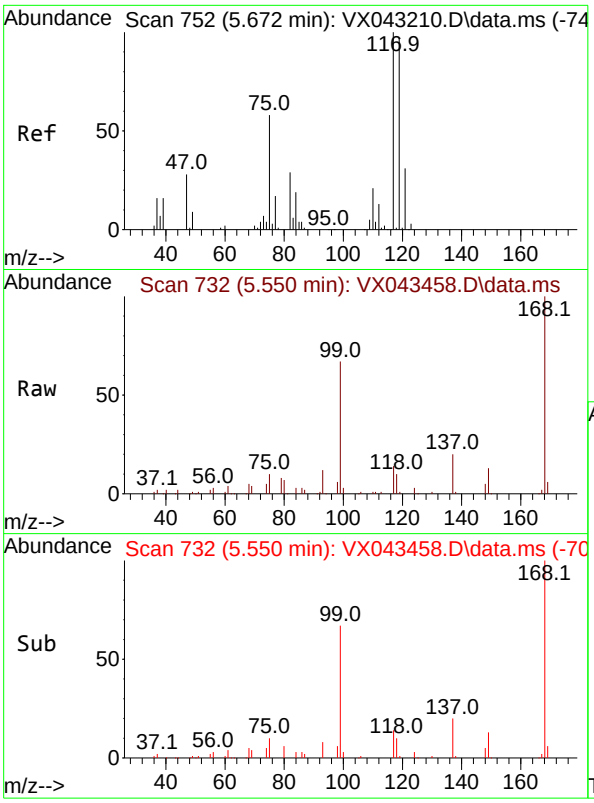


#37
Ethyl Acetate
Concen: 1.531 ug/l
RT: 4.739 min Scan# 599
Delta R.T. 0.024 min
Lab File: VX043458.D
Acq: 21 Oct 2024 16:35

Tgt Ion: 43 Resp: 2894

Ion	Ratio	Lower	Upper
43	100		
61	2.6	11.0	16.4#
70	6.4	8.9	13.3#



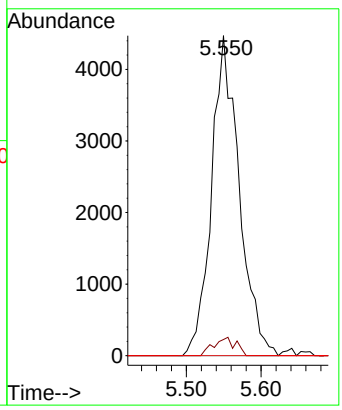


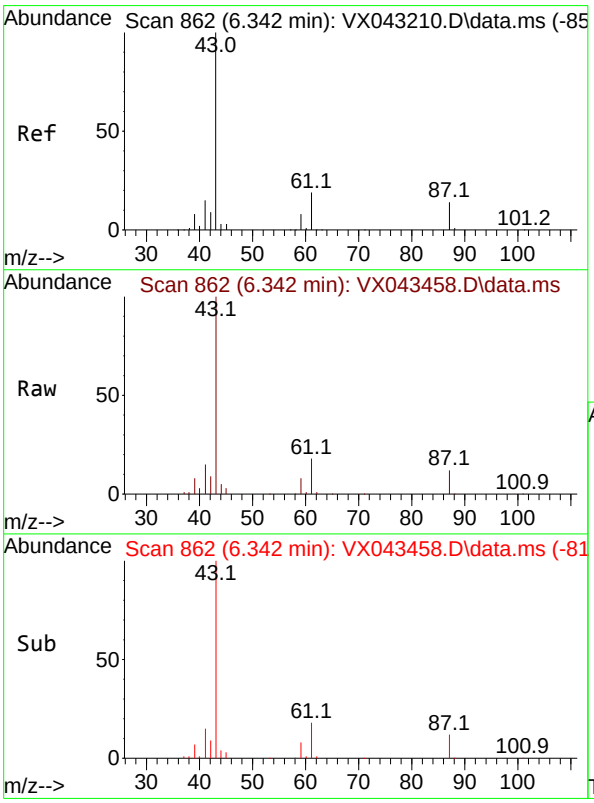
#38
Carbon Tetrachloride
Concen: 6.171 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.122 min
Lab File: VX043458.D
Acq: 21 Oct 2024 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 11495

Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.7	116.5#
121	0.0	24.3	36.5#

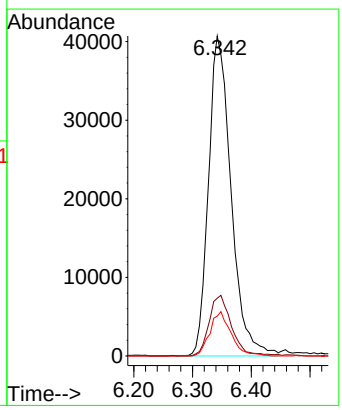


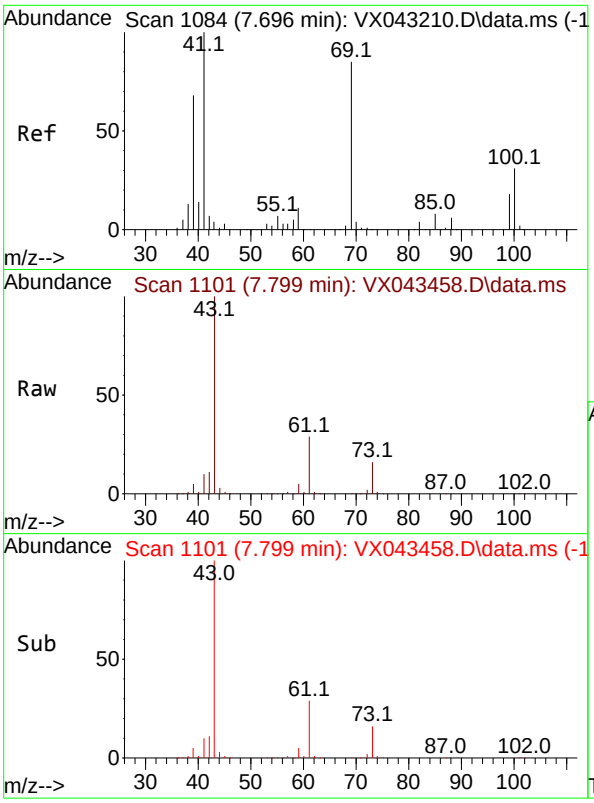


#43
Isopropyl Acetate
Concen: 34.874 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX043458.D
Acq: 21 Oct 2024 16:35

Tgt Ion: 43 Resp: 108849

Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.1	22.7
87	13.0	10.8	16.2



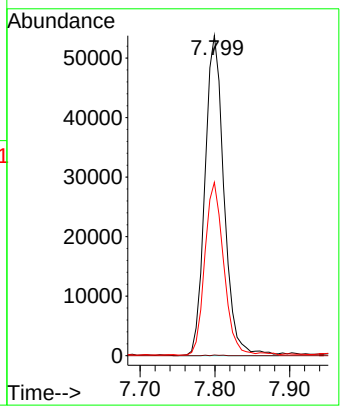


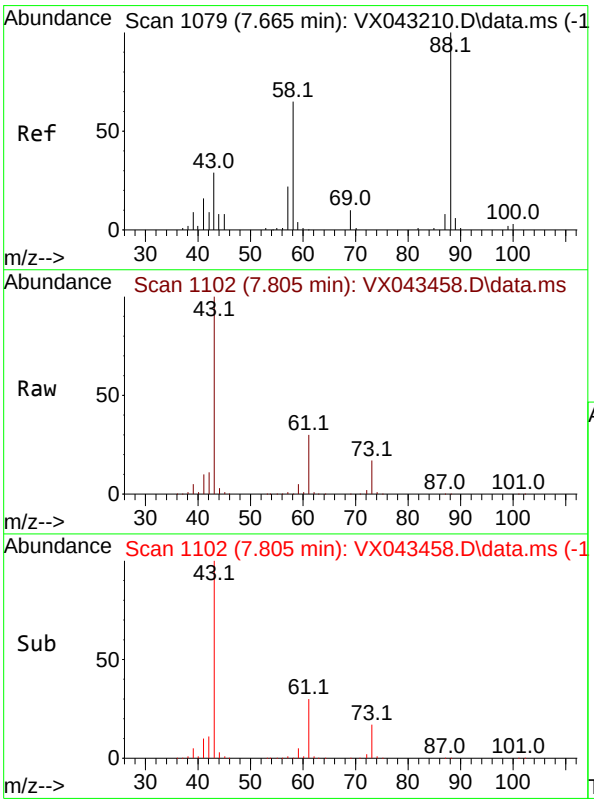
#48
Methyl methacrylate
Concen: 62.192 ug/l
RT: 7.799 min Scan# 11
Delta R.T. 0.103 min
Lab File: VX043458.D
Acq: 21 Oct 2024 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 95244

Ion	Ratio	Lower	Upper
41	100		
69	0.1	64.1	96.1#
39	53.3	52.8	79.2

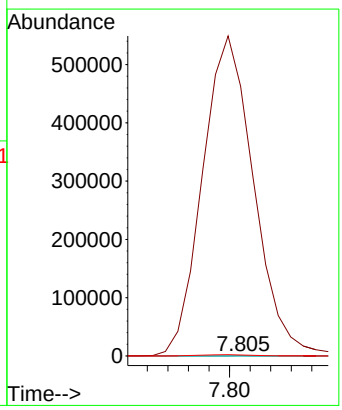


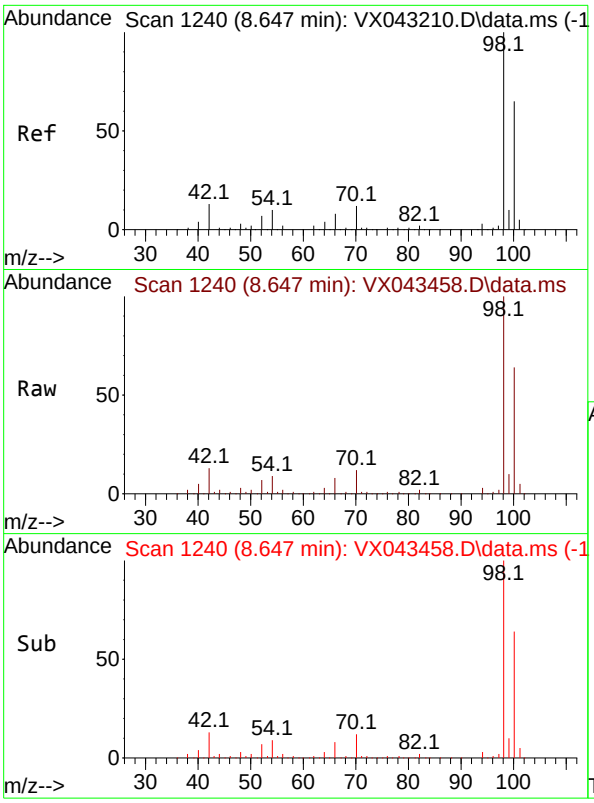


#49
1,4-Dioxane
Concen: 8.835 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.140 min
Lab File: VX043458.D
Acq: 21 Oct 2024 16:35

Tgt Ion: 88 Resp: 263

Ion	Ratio	Lower	Upper
88	100		
43	368087.8	29.5	44.3#
58	1551.3	55.2	82.8#



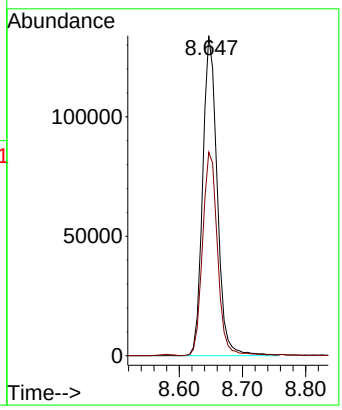


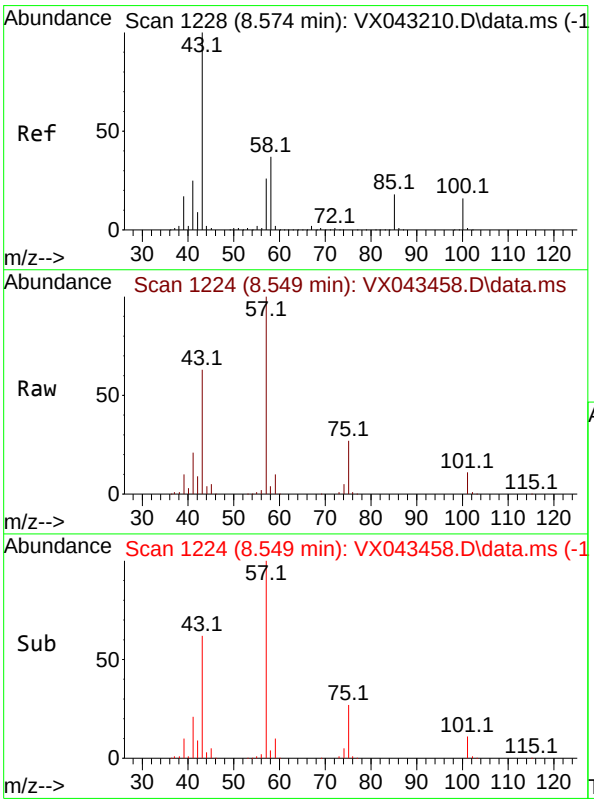
#50
Toluene-d8
Concen: 49.657 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX043458.D
Acq: 21 Oct 2024 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 214345

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.4	78.6

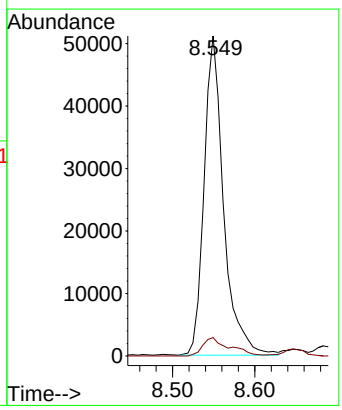


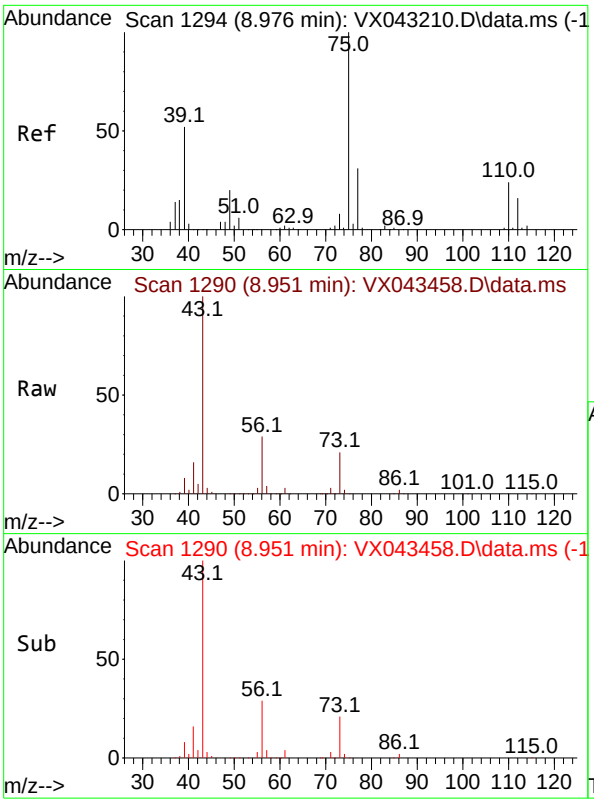


#51
4-Methyl-2-Pentanone
Concen: 44.477 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX043458.D
Acq: 21 Oct 2024 16:35

Tgt Ion: 43 Resp: 84314

Ion	Ratio	Lower	Upper
43	100		
58	7.9	30.0	45.0#



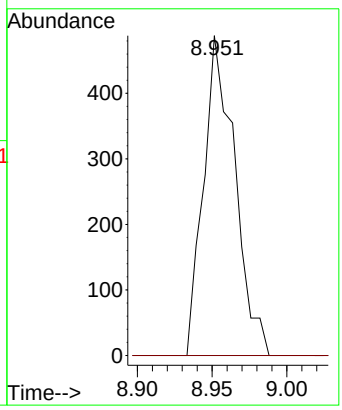


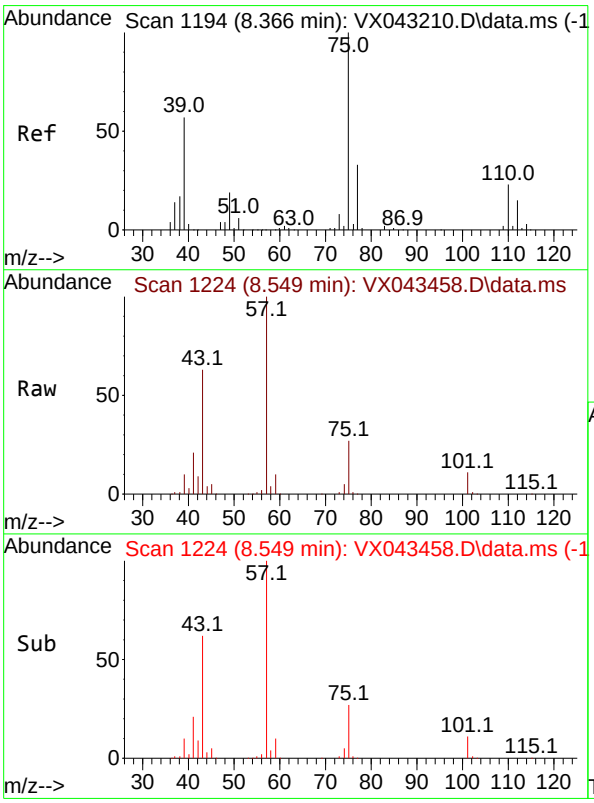
#53
t-1,3-Dichloropropene
Concen: 0.387 ug/l
RT: 8.951 min Scan# 1
Delta R.T. -0.025 min
Lab File: VX043458.D
Acq: 21 Oct 2024 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 709

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.1	37.7#

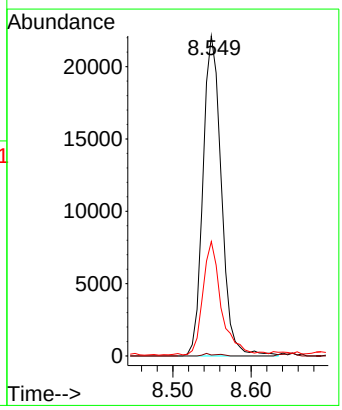


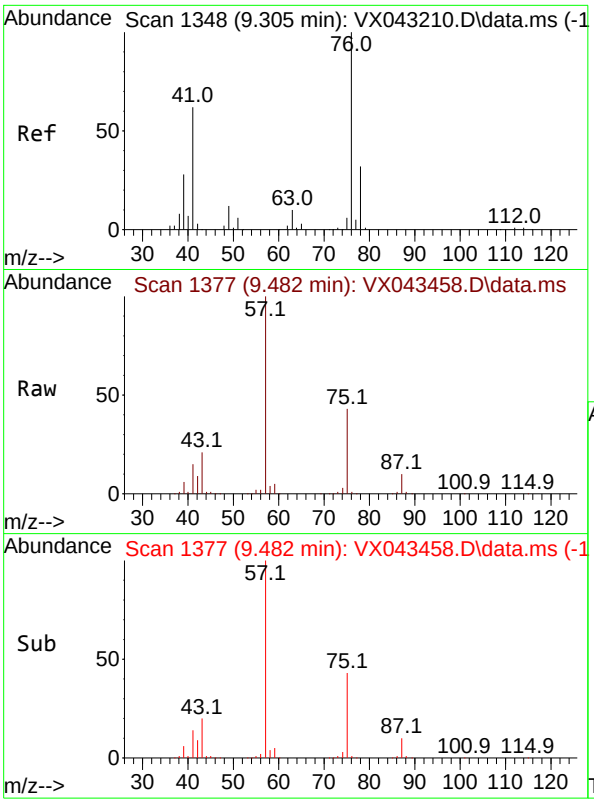


#54
cis-1,3-Dichloropropene
Concen: 18.356 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX043458.D
Acq: 21 Oct 2024 16:35

Tgt Ion: 75 Resp: 36084

Ion	Ratio	Lower	Upper
75	100		
77	0.3	26.0	39.0#
39	35.0	45.8	68.8#



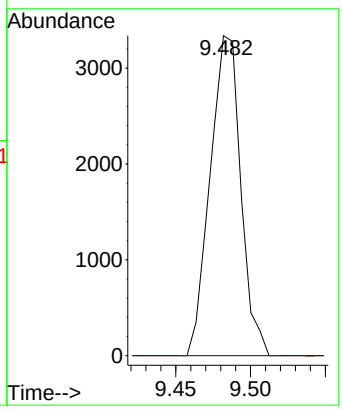


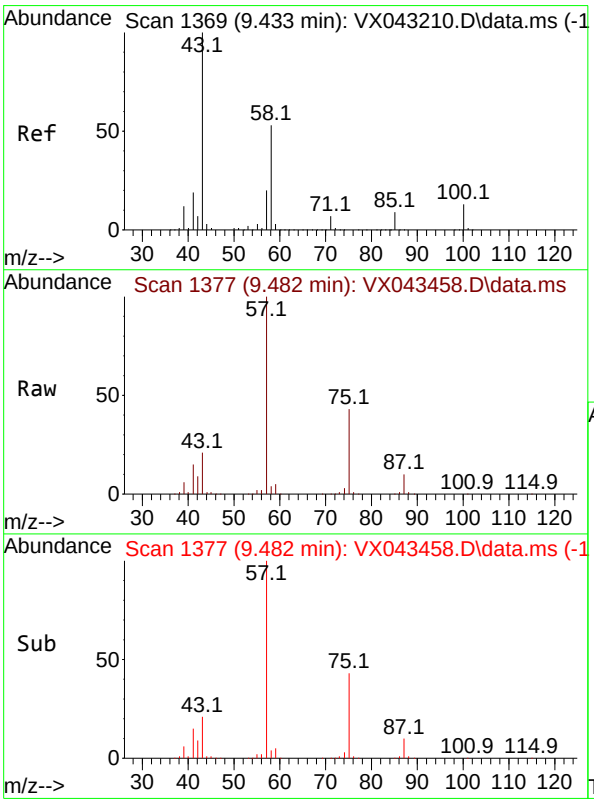
#57
1,3-Dichloropropane
Concen: 2.350 ug/l
RT: 9.482 min Scan# 1
Delta R.T. 0.177 min
Lab File: VX043458.D
Acq: 21 Oct 2024 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 4756

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.7	38.5#

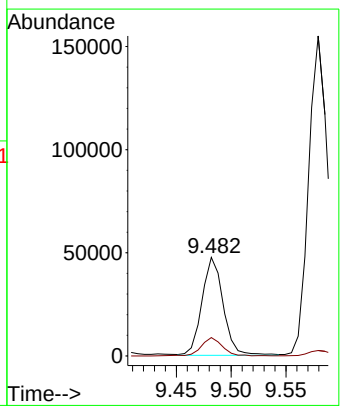


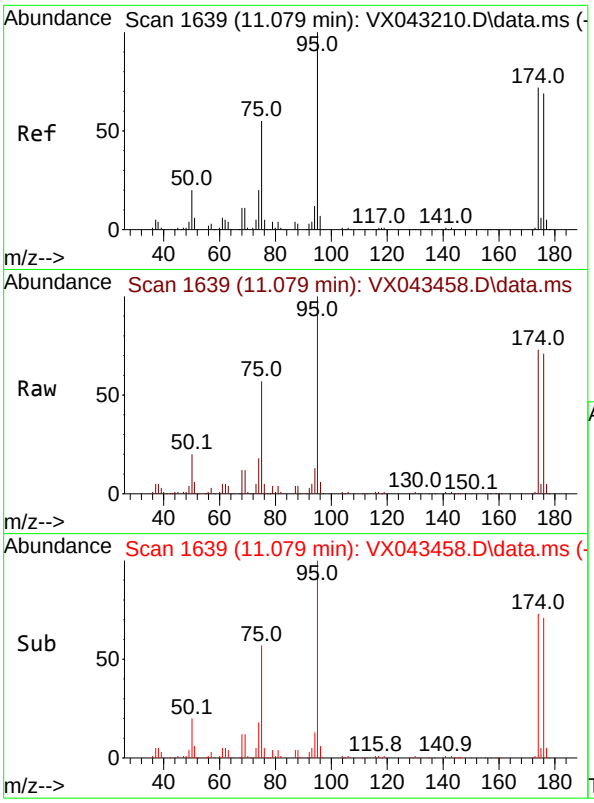


#59
2-Hexanone
Concen: 44.770 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX043458.D
Acq: 21 Oct 2024 16:35

Tgt Ion: 43 Resp: 64179

Ion	Ratio	Lower	Upper
43	100		
58	19.1	26.1	78.3#



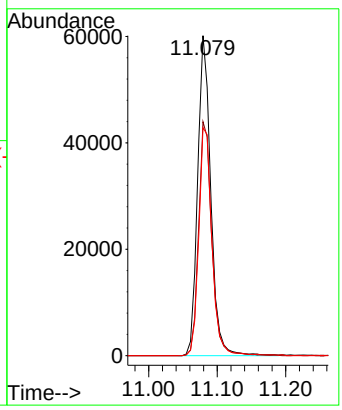


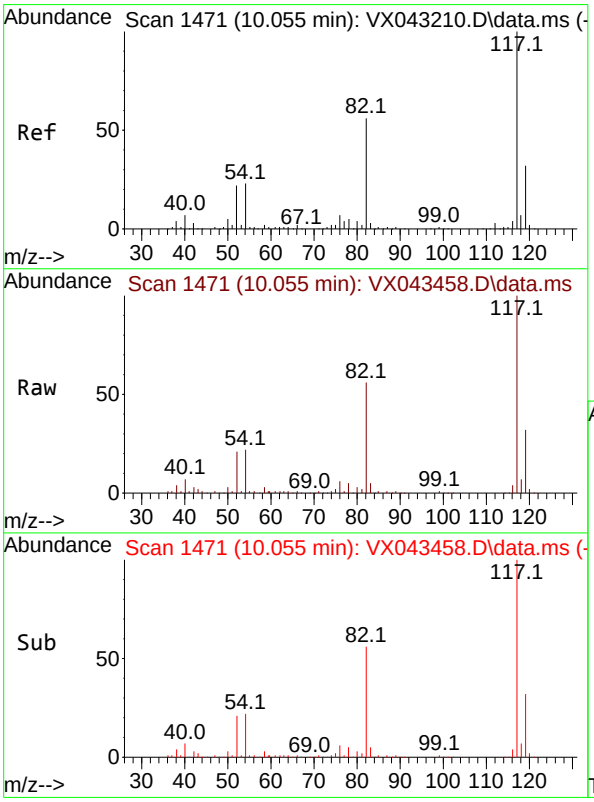
#62
4-Bromofluorobenzene
Concen: 51.287 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX043458.D
Acq: 21 Oct 2024 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 80426

Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	145.0
176	71.9	0.0	143.0

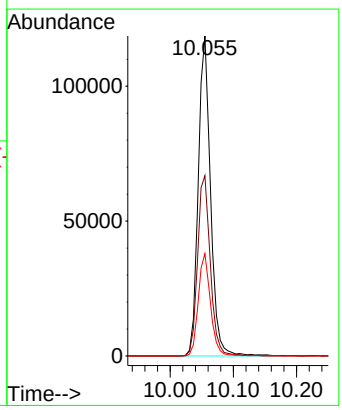


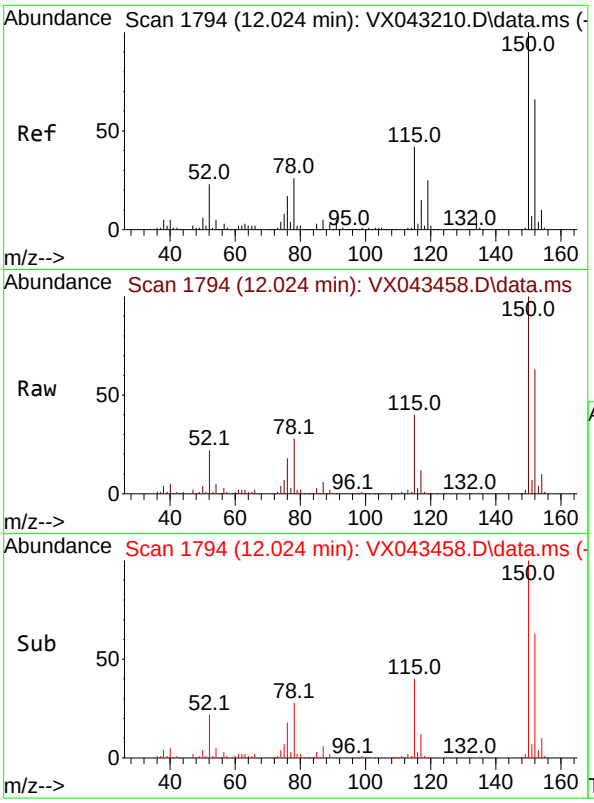


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043458.D
Acq: 21 Oct 2024 16:35

Tgt Ion:117 Resp: 160817

Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.0	67.6
119	32.0	25.3	37.9



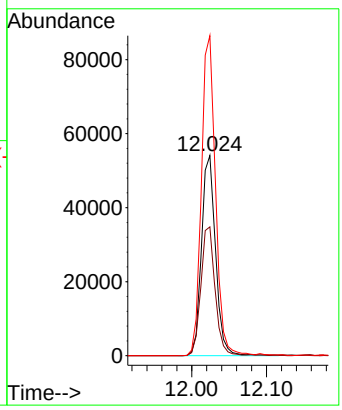


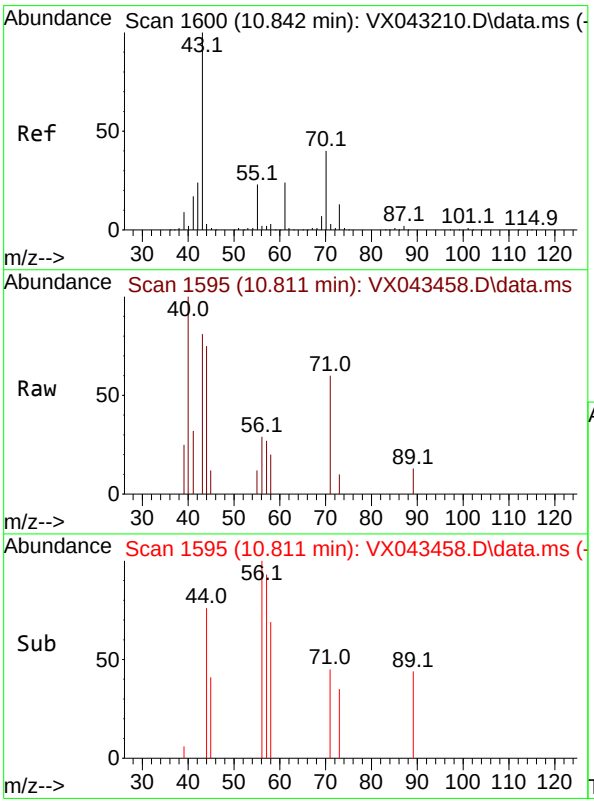
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX043458.D
Acq: 21 Oct 2024 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 70918

Ion	Ratio	Lower	Upper
152	100		
115	64.8	44.1	132.3
150	159.4	0.0	347.4

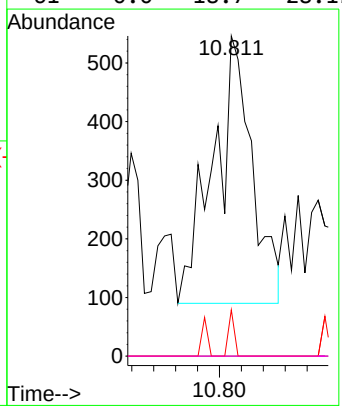


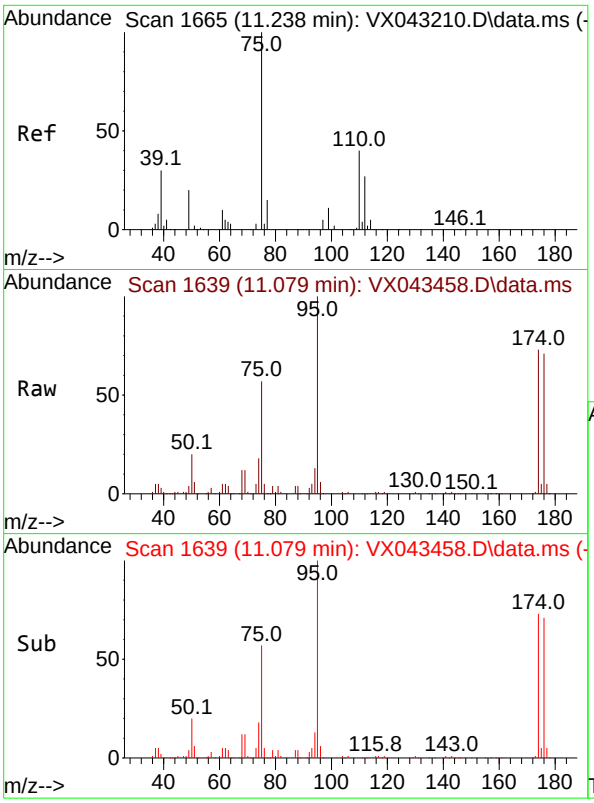


#74
N-amyl acetate
Concen: 0.427 ug/l
RT: 10.811 min Scan# 1595
Delta R.T. -0.031 min
Lab File: VX043458.D
Acq: 21 Oct 2024 16:35

Tgt Ion: 43 Resp: 1118

Ion	Ratio	Lower	Upper
43	100		
70	0.0	33.1	49.7#
55	2.6	18.6	27.8#
61	0.0	18.7	28.1#



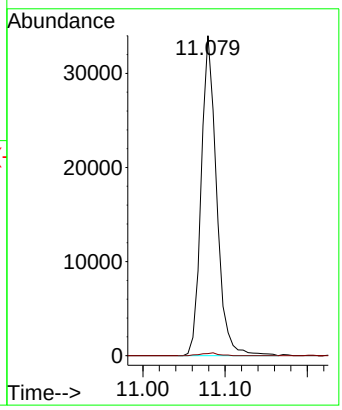


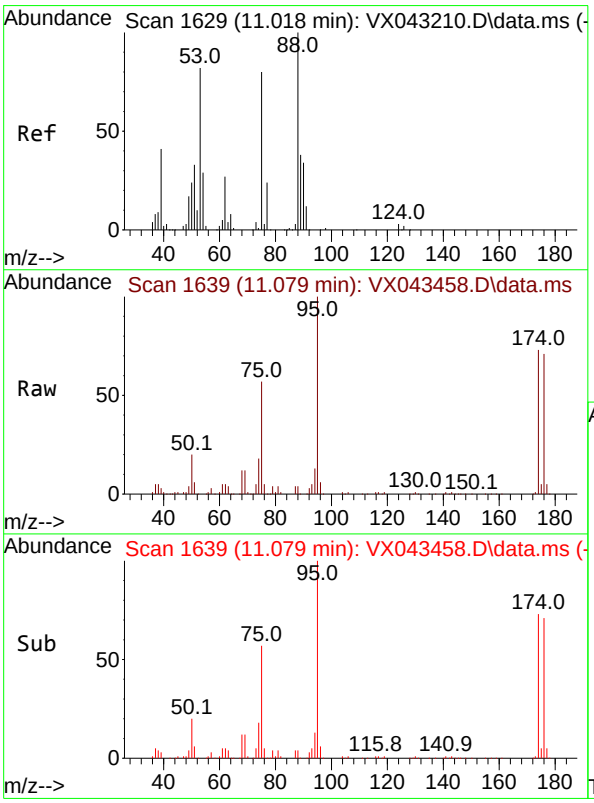
#76
1,2,3-Trichloropropane
Concen: 28.192 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.159 min
Lab File: VX043458.D
Acq: 21 Oct 2024 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 44347

Ion	Ratio	Lower	Upper
75	100		
77	1.0	22.0	66.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 73.064 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043458.D
Acq: 21 Oct 2024 16:35

Tgt Ion: 75 Resp: 44347

Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.9	125.9#
89	0.1	38.6	58.0#