Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010820\
Data File : VX0144469.D
Acq On : 08 Jan 2020 14:24
Operator : JC/SP
Sample : PB125936TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jan 08 15:45:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	541045	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	833095	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	755155	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	345883	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	296135	49.03	ug/l		0.00
Spiked Amount 50.000			Recovery =	98.06%			
35) Dibromofluoromethane	5.49	113	247370	49.05	ug/l		0.00
Spiked Amount 50.000			Recovery =	98.10%			
50) Toluene-d8	8.71	98	982900	50.22	ug/l		0.00
Spiked Amount 50.000			Recovery =	100.44%			
62) 4-Bromofluorobenzene	11.14	95	344260	47.92	ug/l		0.00
Spiked Amount 50.000			Recovery =	95.84%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	69	0.263	ug/l	#	42
5) Bromomethane	1.64	94	1531	0.301	ug/l		88
6) Chloroethane	1.72	64	680	Below Cal		#	74
8) Diethyl Ether	2.18	74	1706	0.429	ug/l		80
10) Methyl Iodide	2.51	142	1326	0.209	ug/l	#	86
11) Tert butyl alcohol	3.01	59	1258	0.998	ug/l	#	74
13) Acrolein	2.29	56	587	0.581	ug/l	#	45
16) Acetone	2.43	43	21130	2.846	ug/l		89
18) Methyl Acetate	2.76	43	5373	0.619	ug/l	#	77
20) Methylene Chloride	2.86	84	11855	1.951	ug/l		92
25) 2-Butanone	4.67	43	5794	1.284	ug/l		97
36) 1,1-Dichloropropene	5.65	75	35690	4.556	ug/l	#	51
38) Carbon Tetrachloride	5.65	117	46172	6.404	ug/l	#	17
43) Isopropyl Acetate	6.43	43	137700	10.017	ug/l		99
48) Methyl methacrylate	7.67	41	7699	1.169	ug/l	#	17
49) 1,4-Dioxane	7.73	88	144	1.032	ug/l	#	23
51) 4-Methyl-2-Pentanone	8.61	43	130638	15.595	ug/l	#	51
54) cis-1,3-Dichloropropene	8.61	75	61664	6.512	ug/l	#	59
57) 1,3-Dichloropropane	9.53	76	12069	1.207	ug/l	#	51
59) 2-Hexanone	9.43	43	135133	20.387	ug/l	#	23
74) N-amyl acetate	10.87	43	2753	0.257	ug/l	#	53
76) 1,2,3-Trichloropropane	11.13	75	165904	23.183	ug/l	#	34
80) 1,3,5-Trimethylbenzene	11.50	105	12619	0.626	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.13	75	165904	61.291	ug/l	#	12
88) 1,4-Dichlorobenzene	12.03	146	762	Below Cal			95
93) 1,2,4-Trichlorobenzene	13.56	180	112	Below Cal			72
96) 1,2,3-Trichlorobenzene	14.02	180	637	Below Cal		#	77

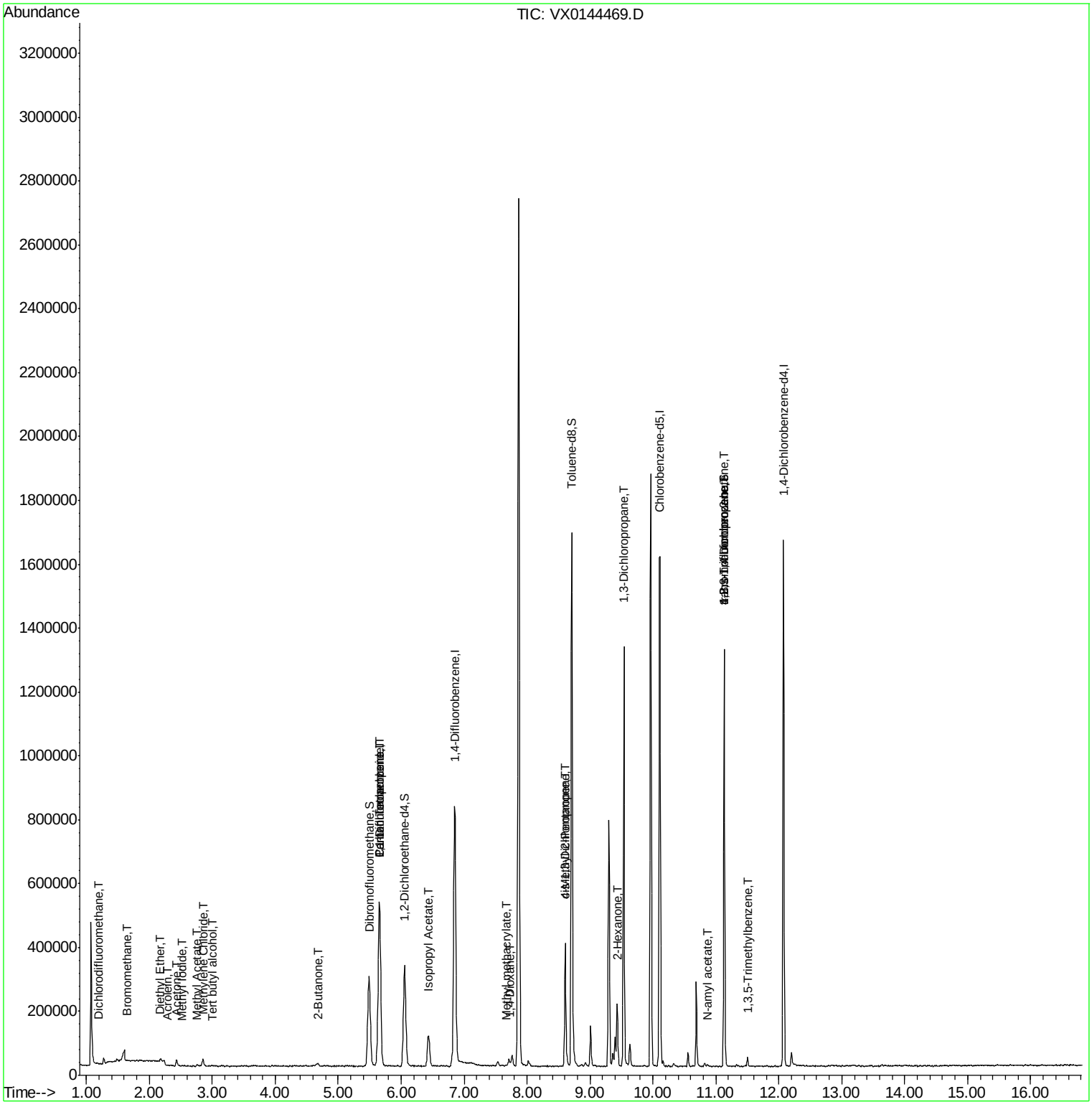
(#) = qualifier out of range (m) = manual integration (+) = signals summed

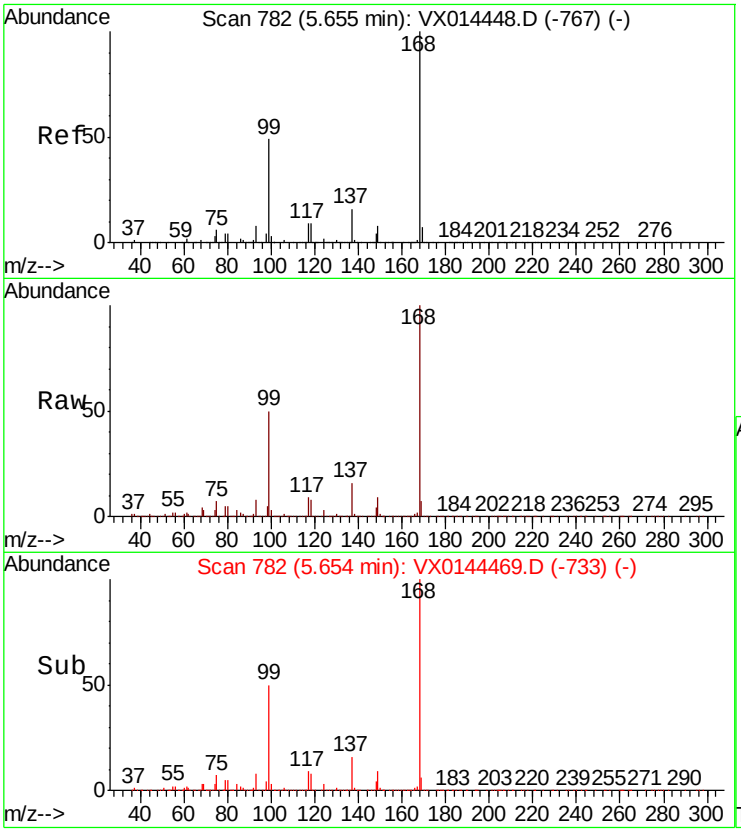
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010820\
Data File : VX0144469.D
Acq On : 08 Jan 2020 14:24
Operator : JC/SP
Sample : PB125936TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 08 15:45:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration



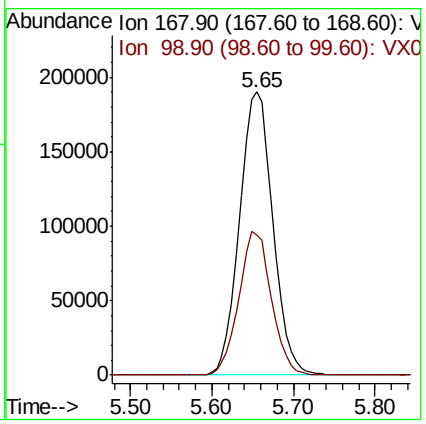


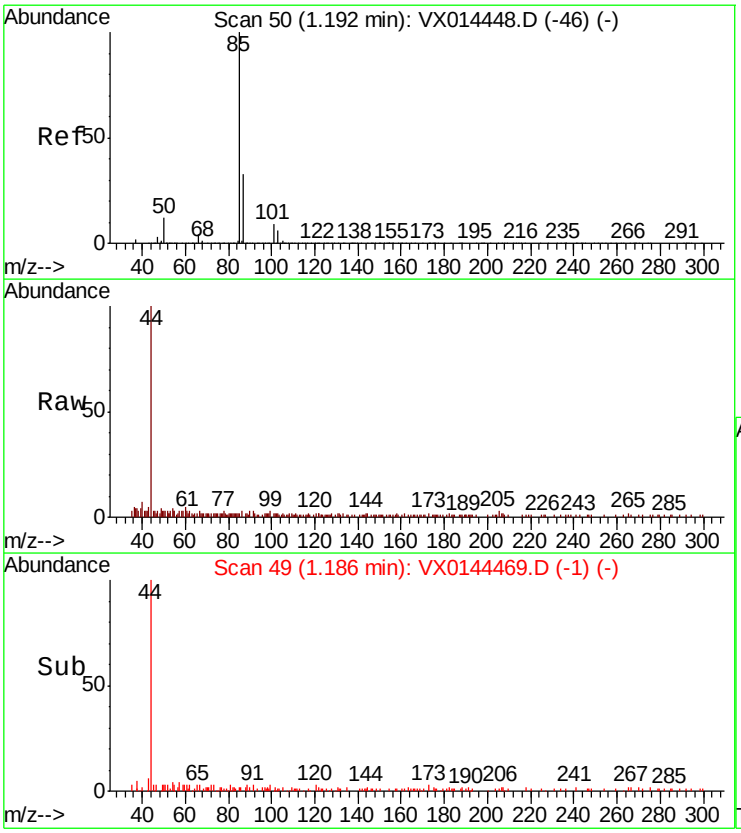
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.00 min
Lab File: VX0144469.D
Acq: 08 Jan 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 541045

Ion	Ratio	Lower	Upper
168	100		
99	49.6	39.2	58.8

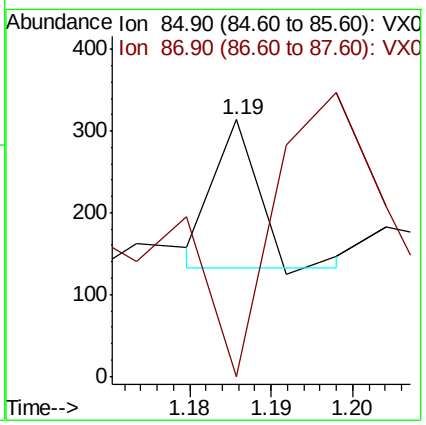


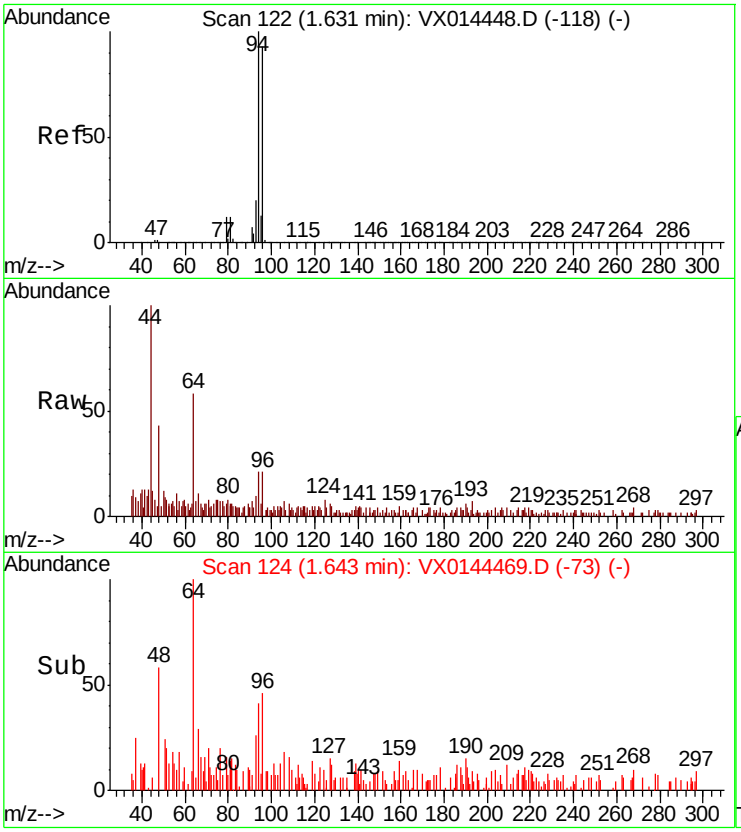


#2
Dichlorodifluoromethane
Concen: 0.263 ug/l
RT: 1.19 min Scan# 49
Delta R.T. -0.01 min
Lab File: VX0144469.D
Acq: 08 Jan 2020 14:24

Tgt Ion: 85 Resp: 69

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.5	49.5#



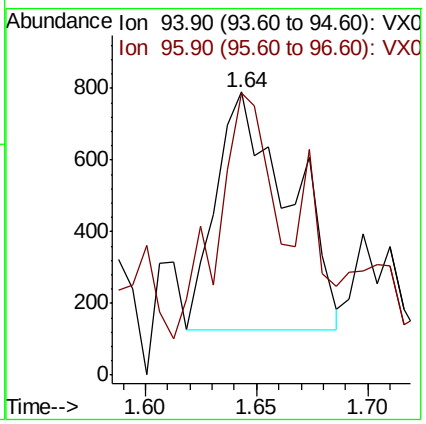


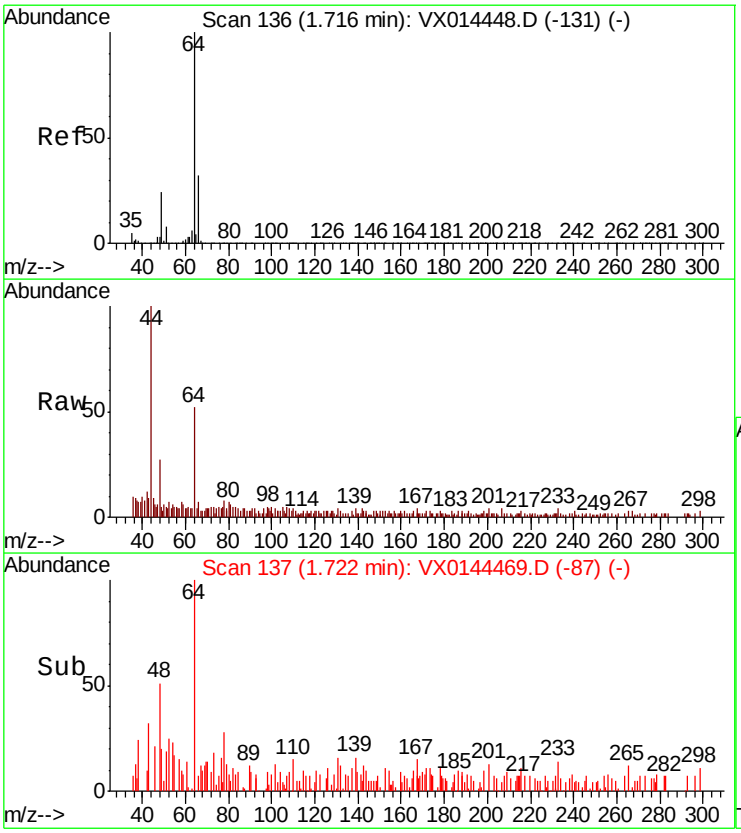
#5
Bromomethane
Concen: 0.301 ug/l
RT: 1.64 min Scan# 124
Delta R.T. 0.01 min
Lab File: VX0144469.D
Acq: 08 Jan 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 1531

Ion	Ratio	Lower	Upper
94	100		
96	81.5	74.2	111.2

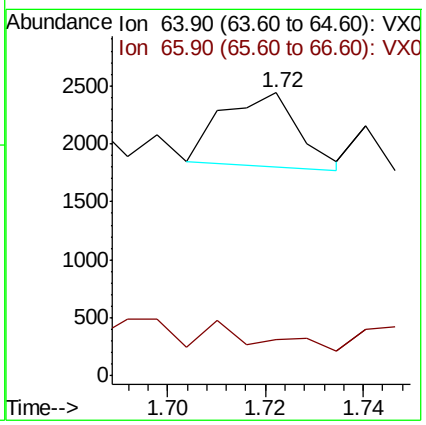


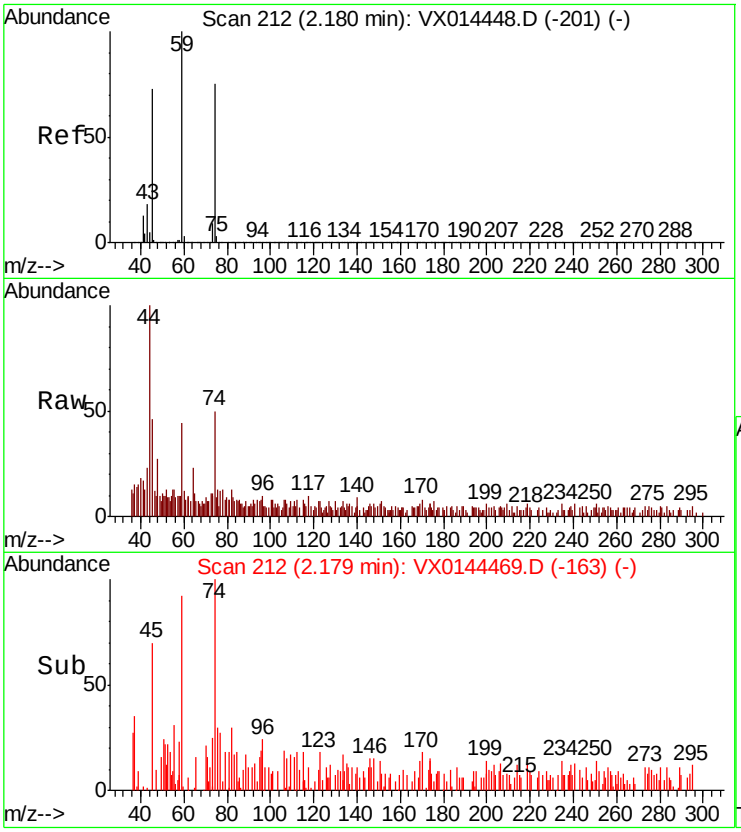


#6
Chloroethane
Concen: Below Cal
RT: 1.72 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX0144469.D
Acq: 08 Jan 2020 14:24

Tgt Ion: 64 Resp: 680

Ion	Ratio	Lower	Upper
64	100		
66	17.2	25.3	37.9#



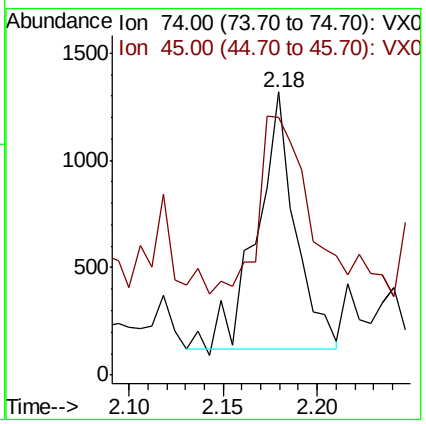


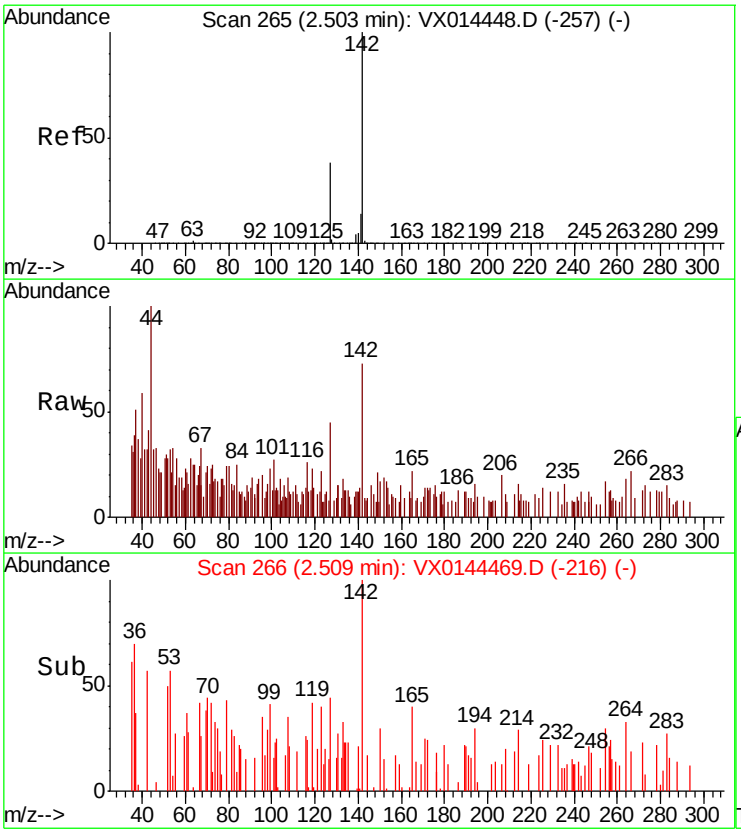
#8
Diethyl Ether
Concen: 0.429 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX0144469.D
Acq: 08 Jan 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 74 Resp: 1706

Ion	Ratio	Lower	Upper
74	100		
45	77.7	48.7	146.1

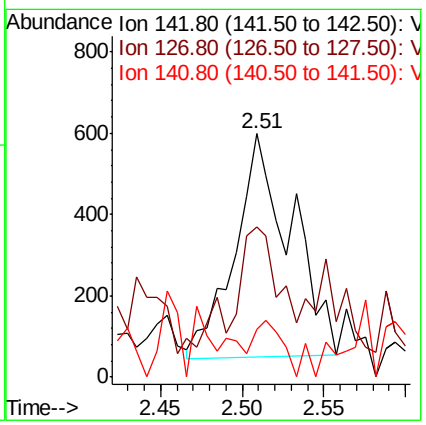


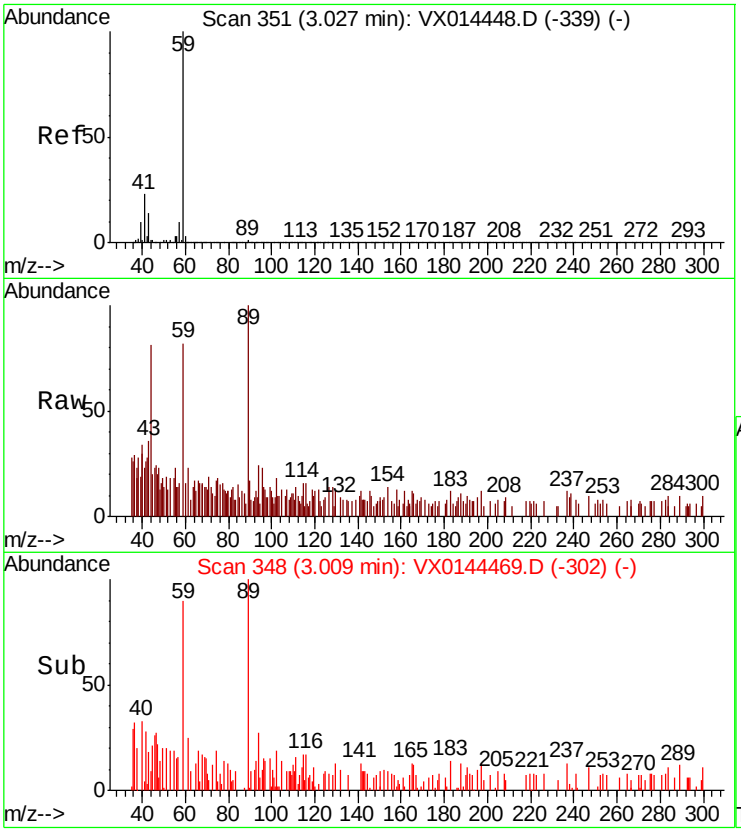


#10
Methyl Iodide
Concen: 0.209 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX0144469.D
Acq: 08 Jan 2020 14:24

Tgt Ion:142 Resp: 1326

Ion	Ratio	Lower	Upper
142	100		
127	49.8	31.2	46.8#
141	12.2	11.4	17.2



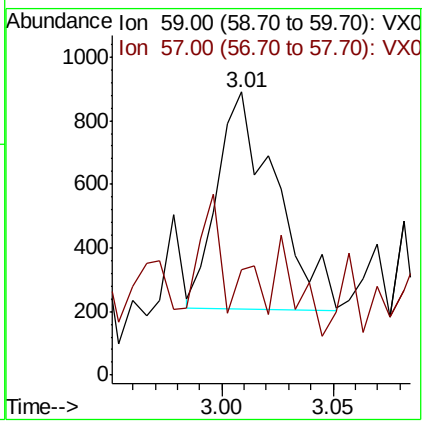


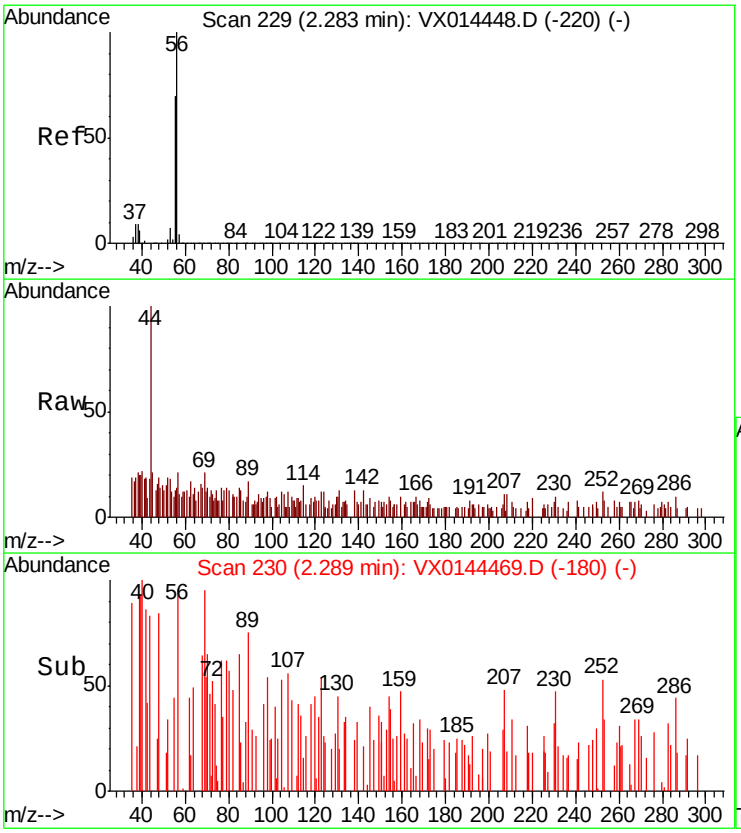
#11
Tert butyl alcohol
Concen: 0.998 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.02 min
Lab File: VX0144469.D
Acq: 08 Jan 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 1258

Ion	Ratio	Lower	Upper
59	100		
57	20.3	8.5	12.7#

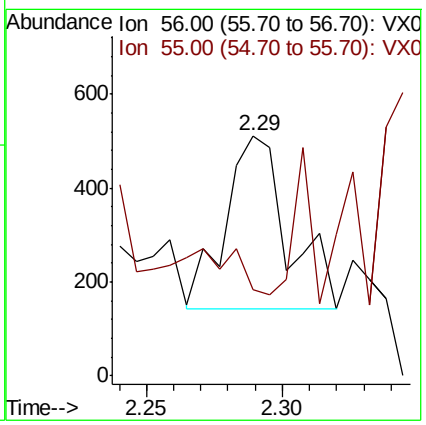


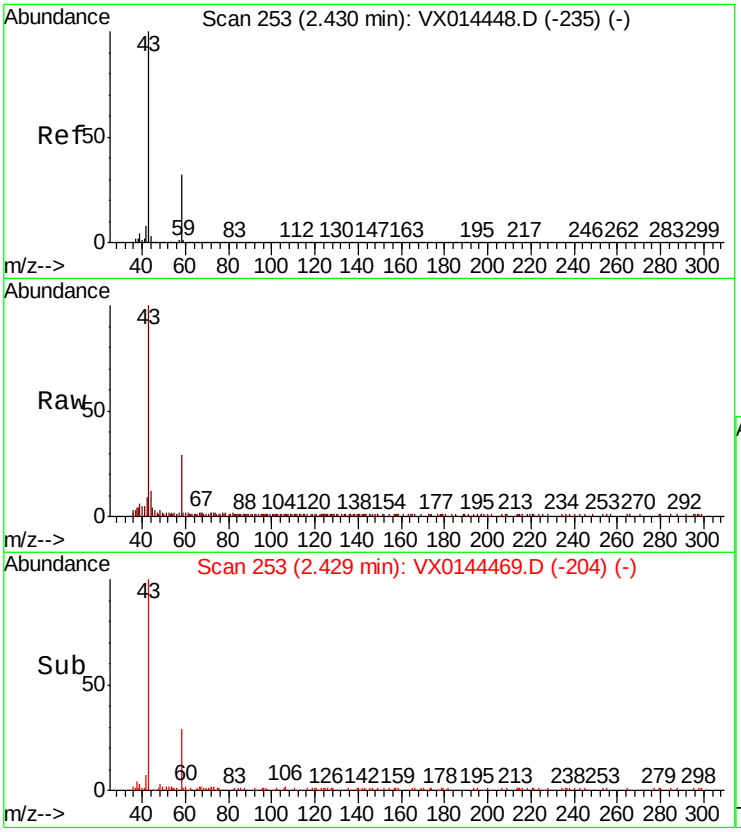


#13
Acrolein
Concen: 0.581 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX0144469.D
Acq: 08 Jan 2020 14:24

Tgt Ion: 56 Resp: 587

Ion	Ratio	Lower	Upper
56	100		
55	23.9	55.0	82.6#



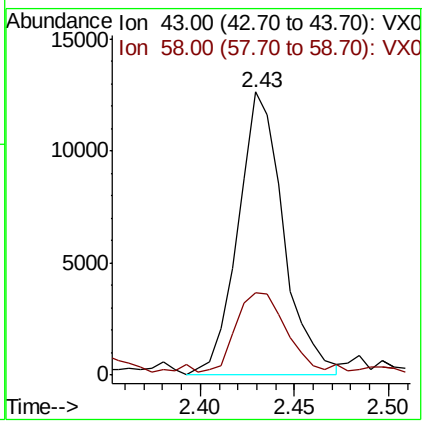


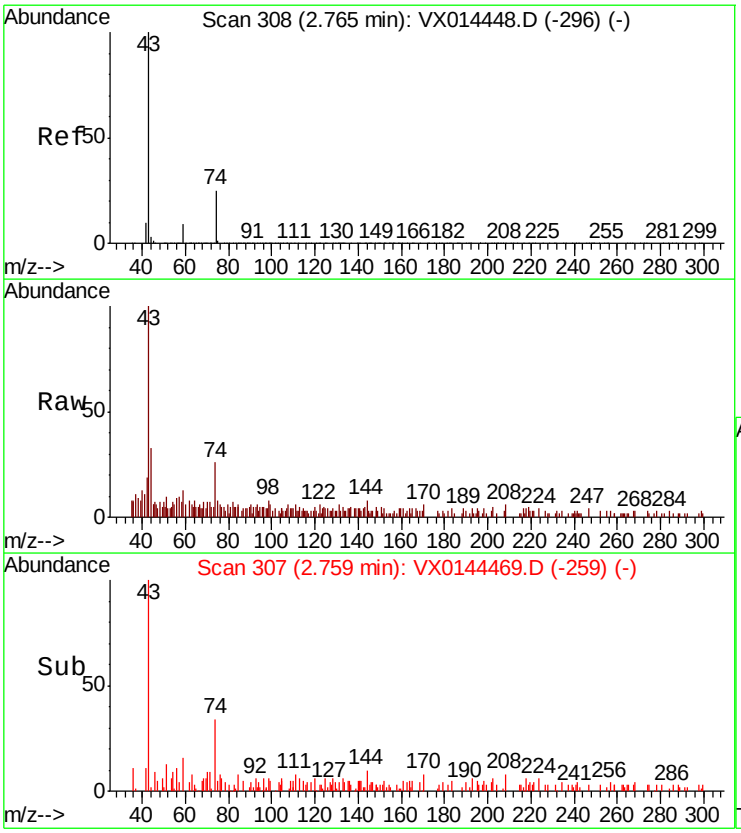
#16
Acetone
Concen: 2.846 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX0144469.D
Acq: 08 Jan 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 21130

Ion	Ratio	Lower	Upper
43	100		
58	25.5	25.4	38.0

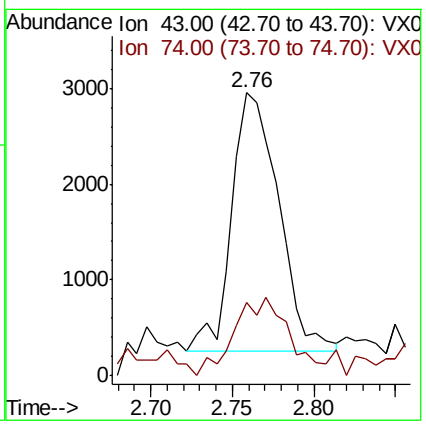


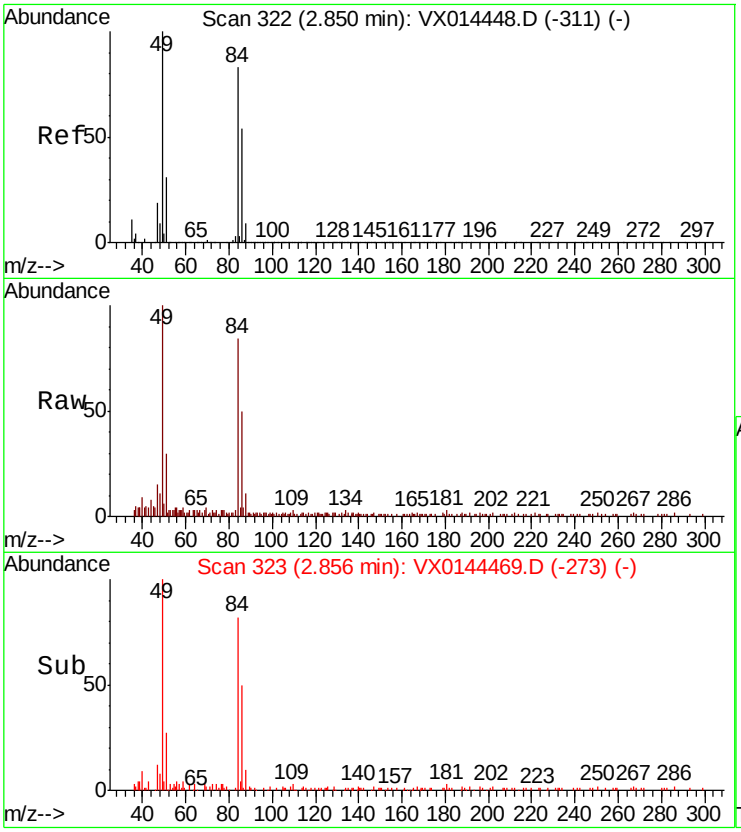


#18
Methyl Acetate
Concen: 0.619 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX0144469.D
Acq: 08 Jan 2020 14:24

Tgt Ion: 43 Resp: 5373

Ion	Ratio	Lower	Upper
43	100		
74	35.6	19.4	29.2#



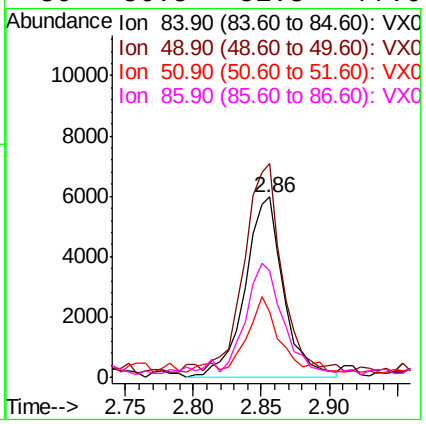


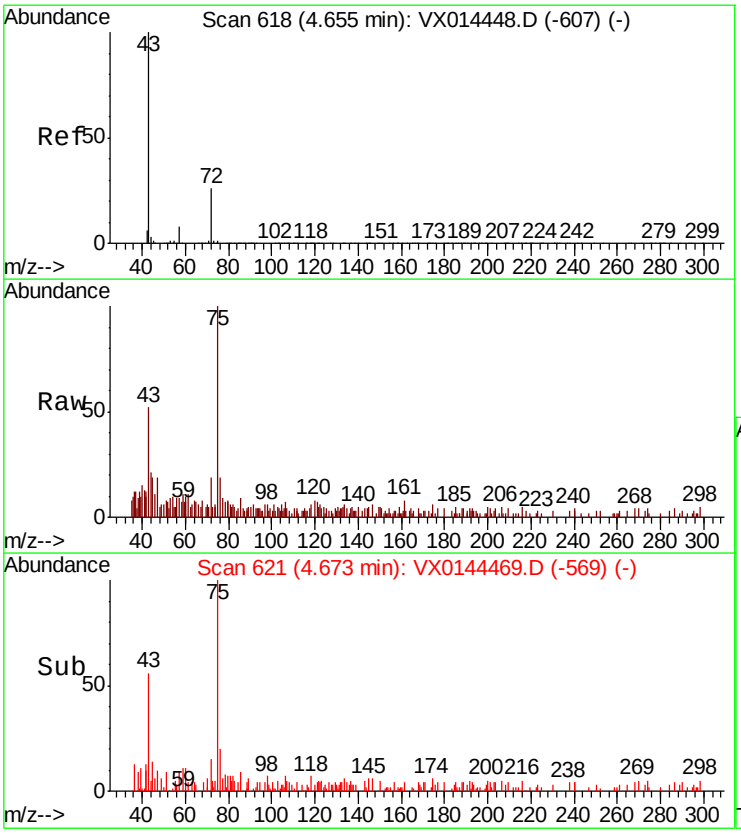
#20
Methylene Chloride
Concen: 1.951 ug/l
RT: 2.86 min Scan# 323
Delta R.T. 0.01 min
Lab File: VX0144469.D
Acq: 08 Jan 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 11855

Ion	Ratio	Lower	Upper
84	100		
49	111.9	95.8	143.8
51	32.4	30.2	45.4
86	56.5	51.8	77.6

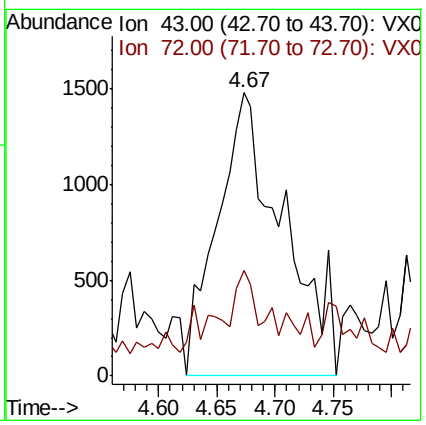


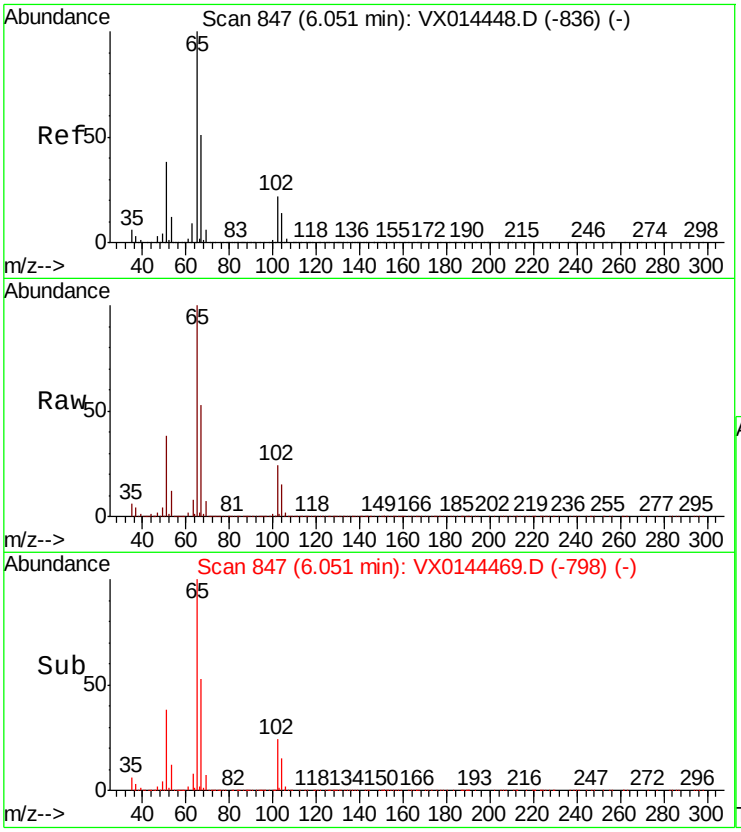


#25
2-Butanone
Concen: 1.284 ug/l
RT: 4.67 min Scan# 621
Delta R.T. 0.02 min
Lab File: VX0144469.D
Acq: 08 Jan 2020 14:24

Tgt Ion: 43 Resp: 5794

Ion	Ratio	Lower	Upper
43	100		
72	24.1	20.6	31.0



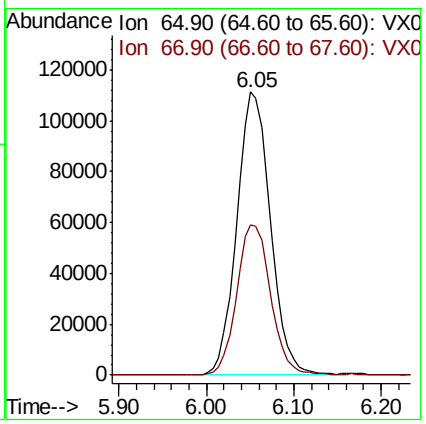


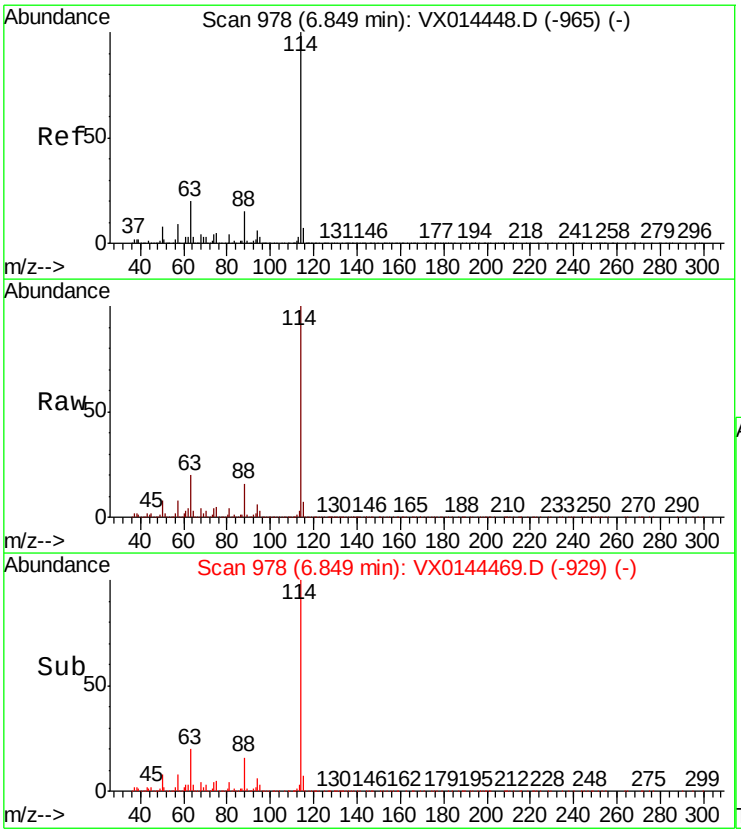
#33
1,2-Dichloroethane-d4
Concen: 49.030 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX0144469.D
Acq: 08 Jan 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 296135

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	106.2

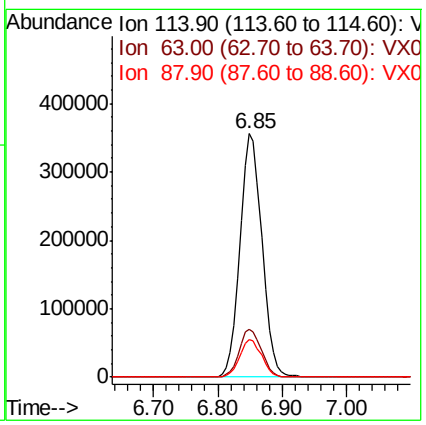


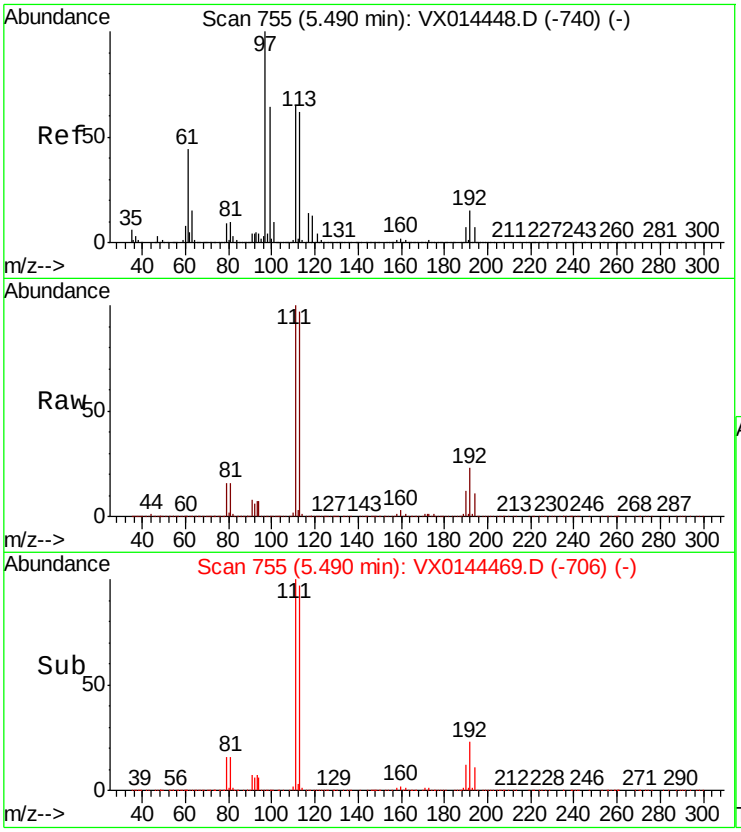


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX0144469.D
Acq: 08 Jan 2020 14:24

Tgt Ion:114 Resp: 833095

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.6
88	15.6	0.0	30.8



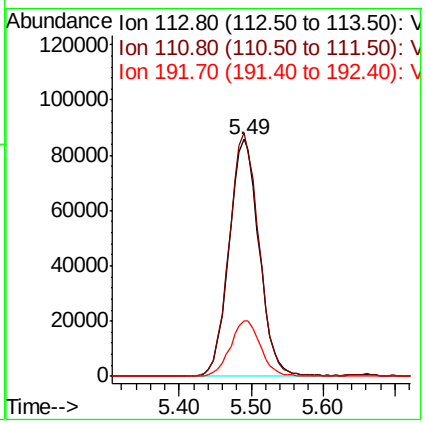


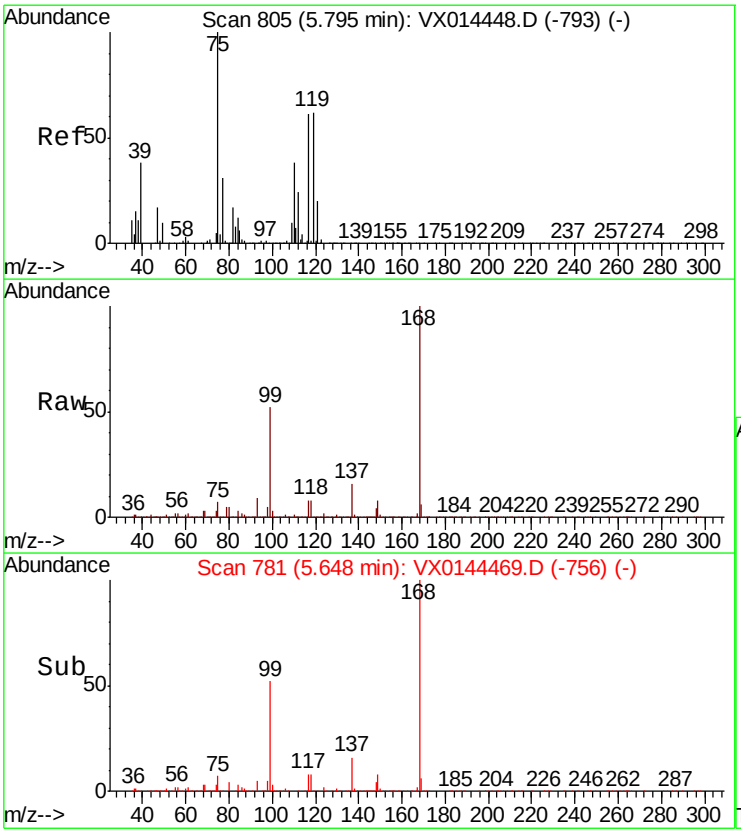
#35
Dibromofluoromethane
Concen: 49.051 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX0144469.D
Acq: 08 Jan 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 247370

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.5	122.3
192	23.8	19.2	28.8

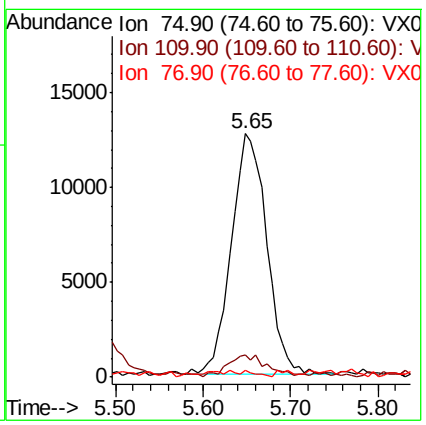


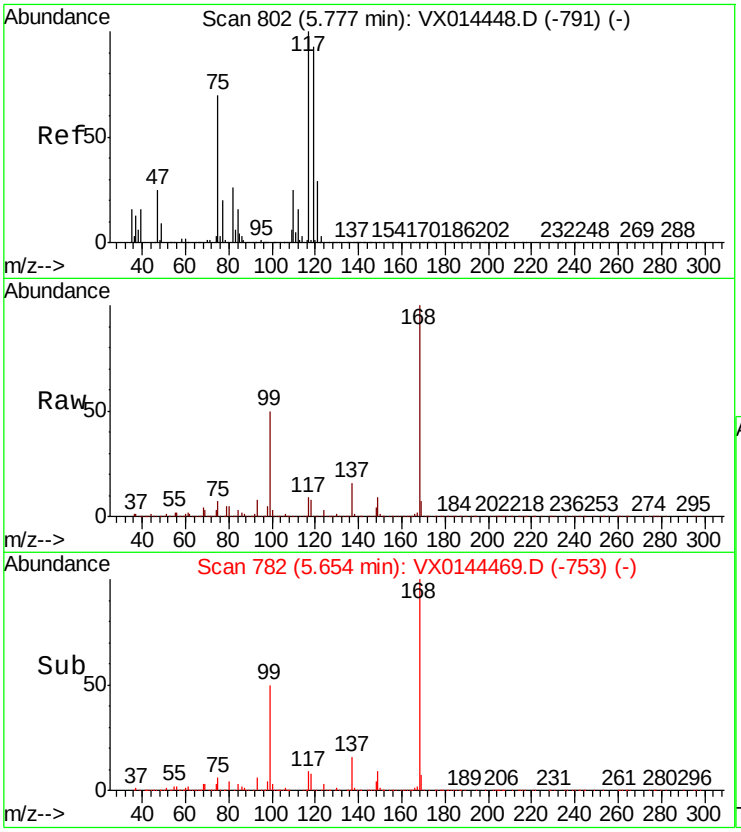


#36
1,1-Dichloropropene
Concen: 4.556 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.15 min
Lab File: VX0144469.D
Acq: 08 Jan 2020 14:24

Tgt Ion: 75 Resp: 35690

Ion	Ratio	Lower	Upper
75	100		
110	10.4	18.6	55.8#
77	0.7	24.5	36.7#



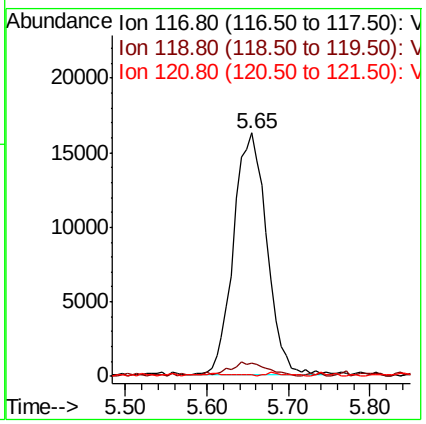


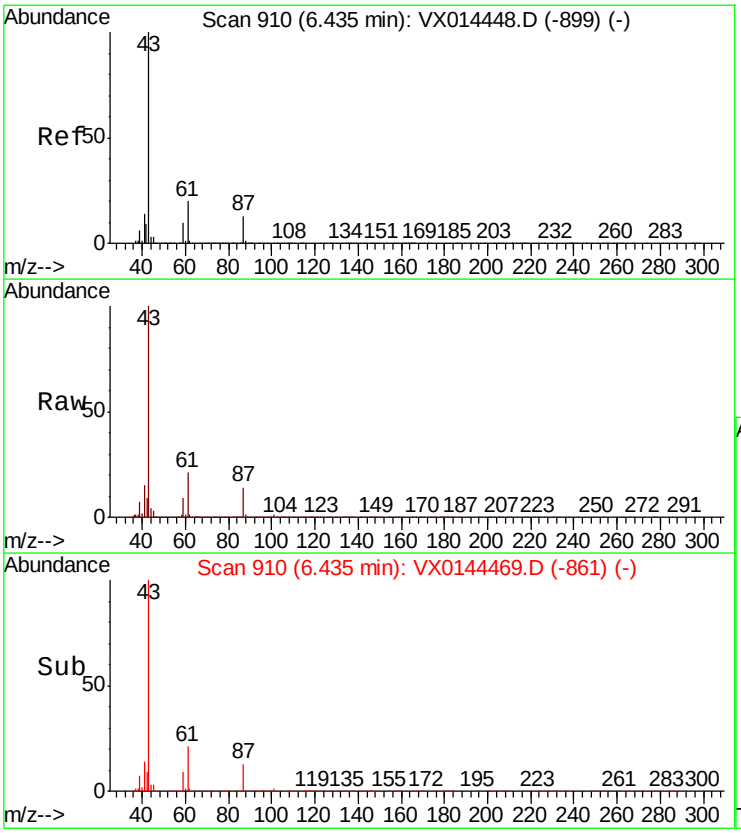
#38
Carbon Tetrachloride
Concen: 6.404 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX0144469.D
Acq: 08 Jan 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 46172

Ion	Ratio	Lower	Upper
117	100		
119	5.0	73.8	110.8#
121	0.0	23.4	35.0#

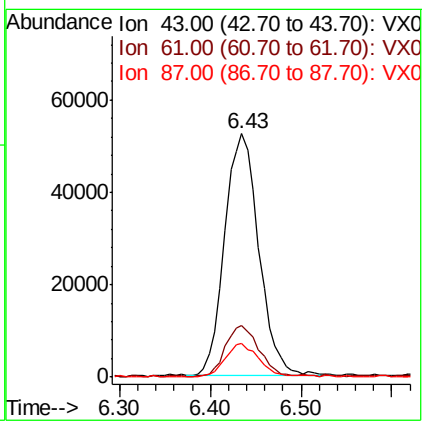


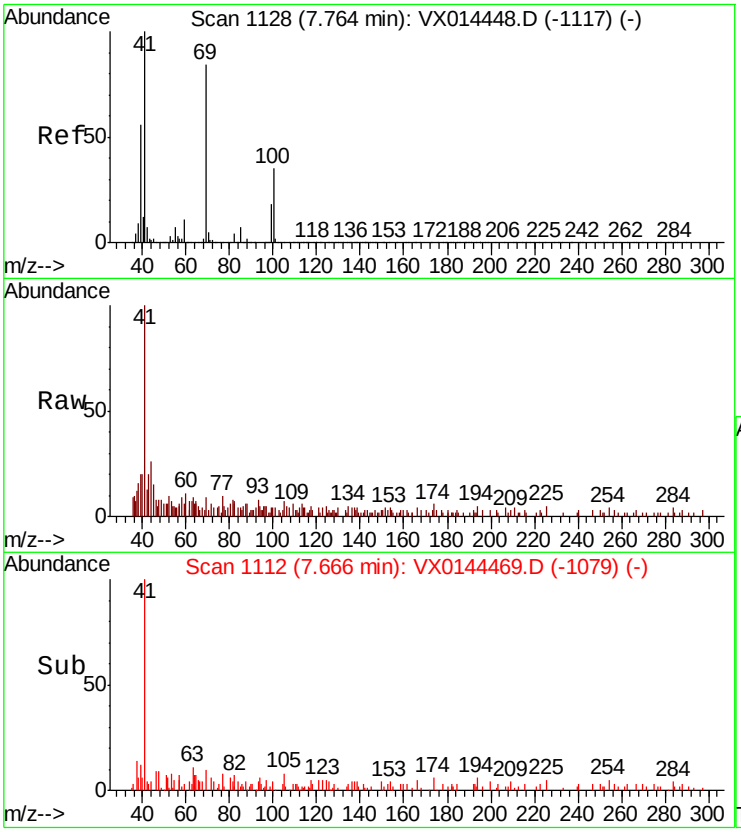


#43
Isopropyl Acetate
Concen: 10.017 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX0144469.D
Acq: 08 Jan 2020 14:24

Tgt Ion: 43 Resp: 137700

Ion	Ratio	Lower	Upper
43	100		
61	21.1	16.6	24.8
87	13.6	10.8	16.2



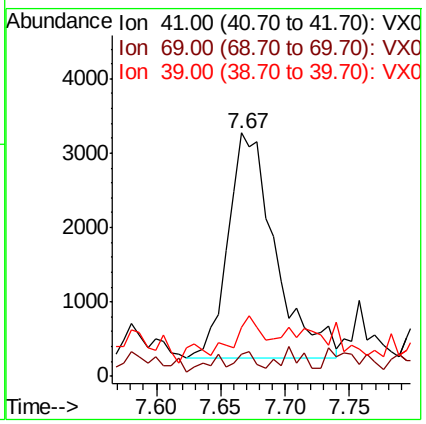


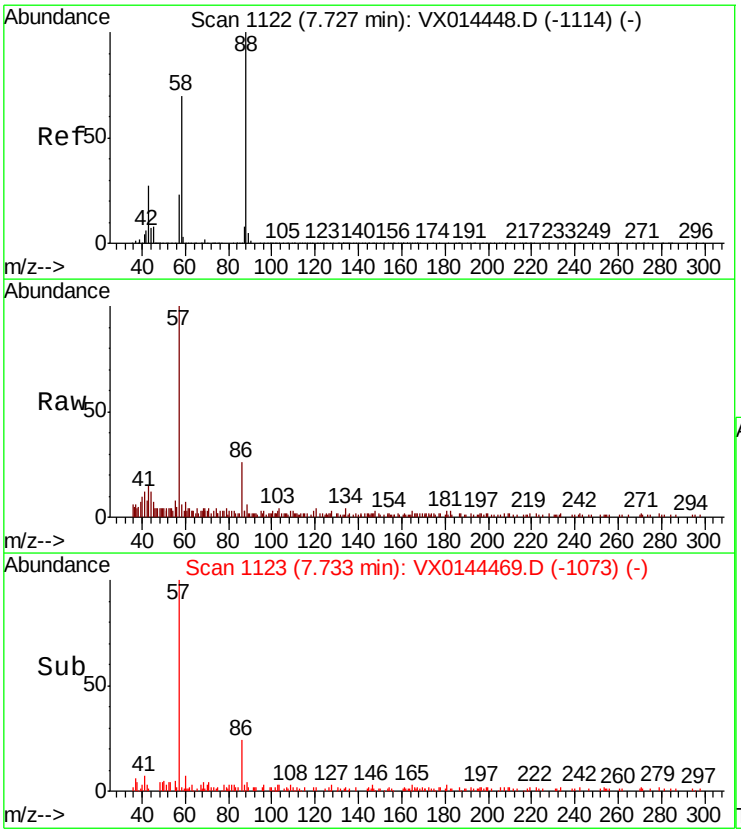
#48
Methyl methacrylate
Concen: 1.169 ug/l
RT: 7.67 min Scan# 1112
Delta R.T. -0.10 min
Lab File: VX0144469.D
Acq: 08 Jan 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 7699

Ion	Ratio	Lower	Upper
41	100		
69	2.9	65.5	98.3#
39	0.0	43.9	65.9#

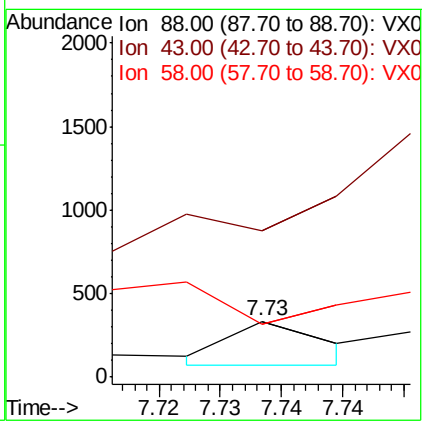


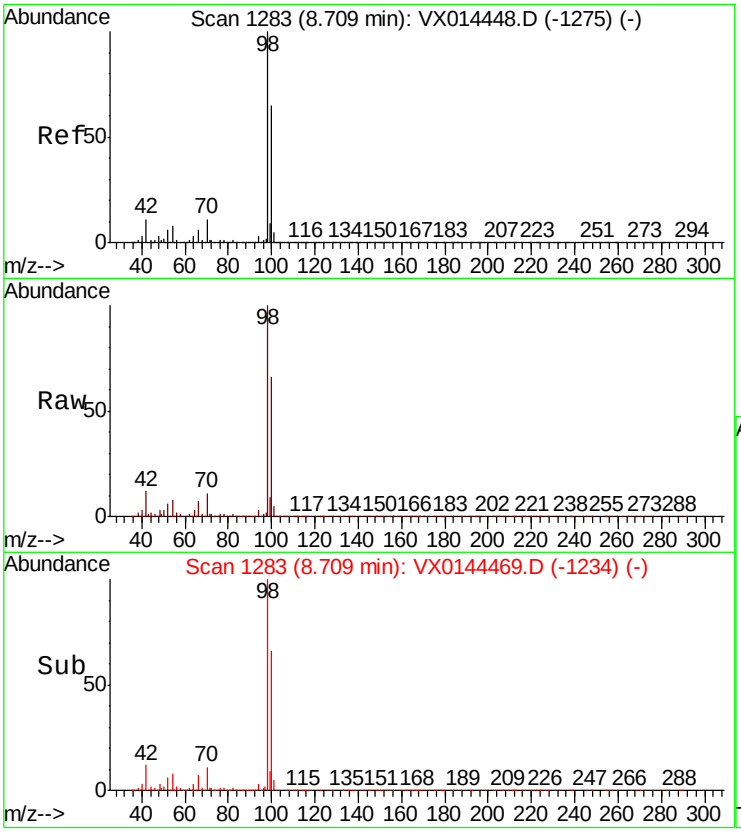


#49
1,4-Dioxane
Concen: 1.032 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX0144469.D
Acq: 08 Jan 2020 14:24

Tgt Ion: 88 Resp: 144

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.4	41.0#
58	0.0	57.1	85.7#



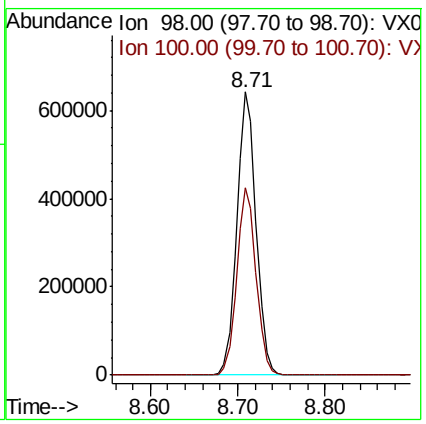


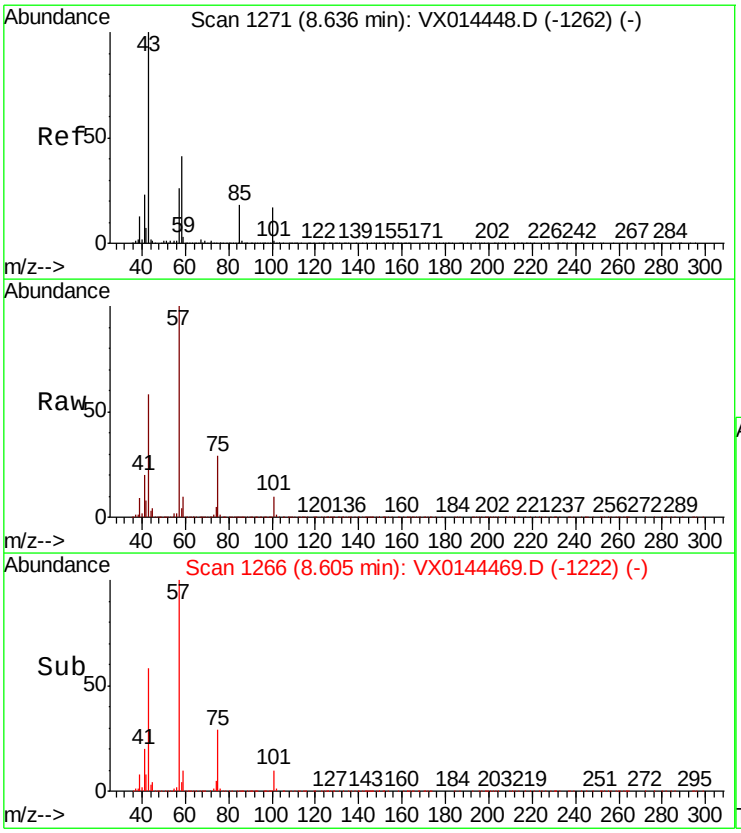
#50
Toluene-d8
Concen: 50.224 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX0144469.D
Acq: 08 Jan 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 982900

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.2	79.8

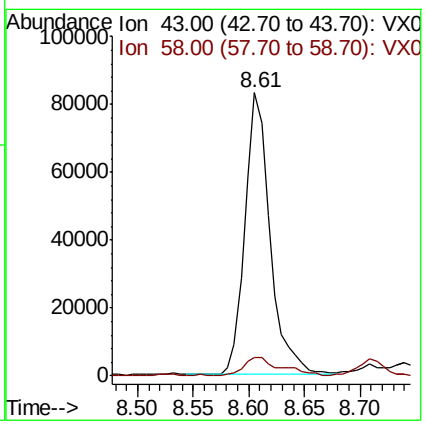


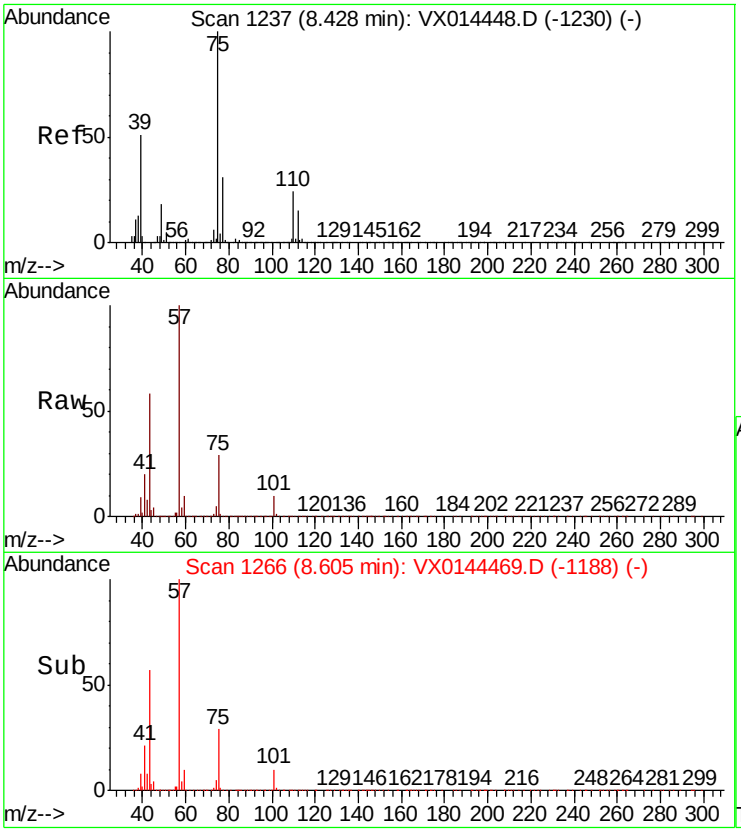


#51
4-Methyl-2-Pentanone
Concen: 15.595 ug/l
RT: 8.61 min Scan# 1266
Delta R.T. -0.03 min
Lab File: VX0144469.D
Acq: 08 Jan 2020 14:24

Tgt Ion: 43 Resp: 130638

Ion	Ratio	Lower	Upper
43	100		
58	9.8	32.4	48.6#



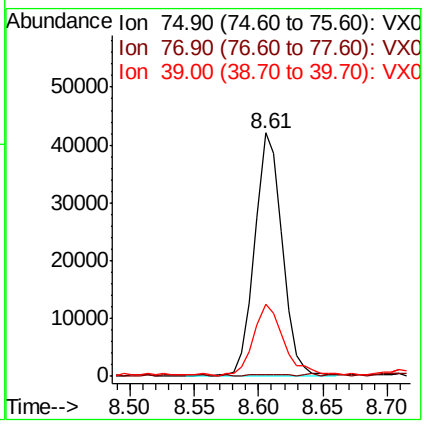


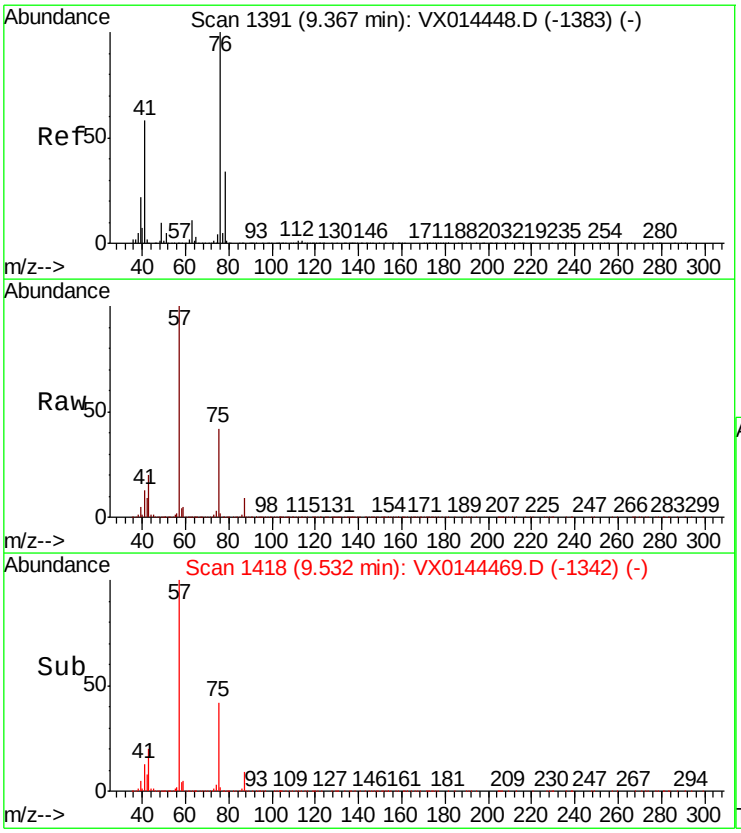
#54
cis-1,3-Dichloropropene
Concen: 6.512 ug/l
RT: 8.61 min Scan# 1266
Delta R.T. 0.18 min
Lab File: VX0144469.D
Acq: 08 Jan 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 61664

Ion	Ratio	Lower	Upper
75	100		
77	0.3	25.0	37.4#
39	28.7	40.7	61.1#

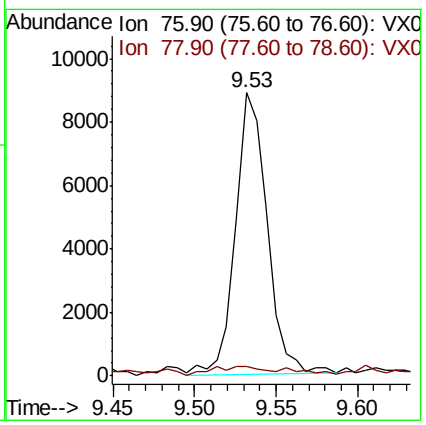


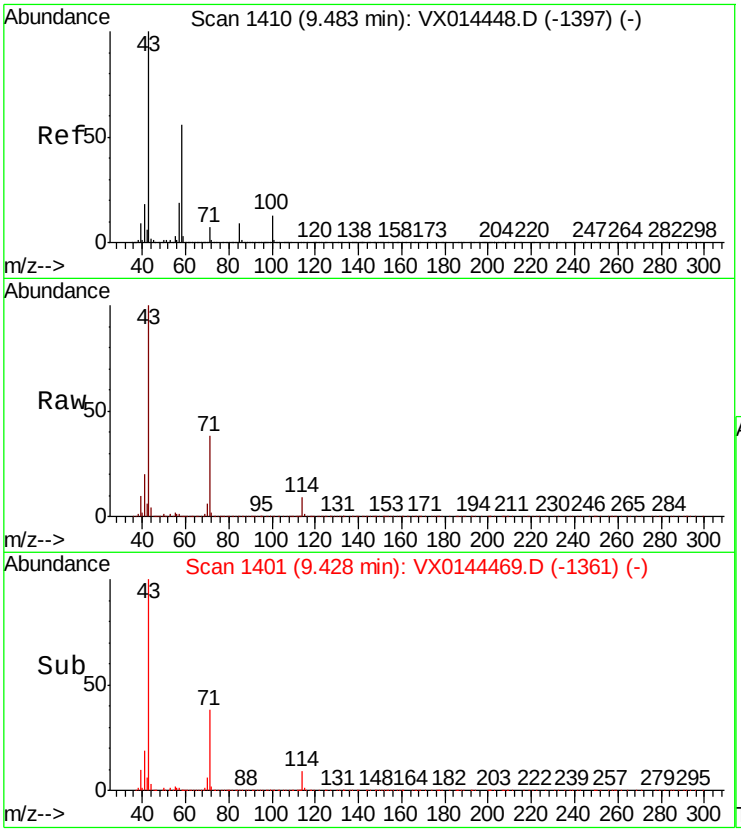


#57
1,3-Dichloropropane
Concen: 1.207 ug/l
RT: 9.53 min Scan# 1418
Delta R.T. 0.16 min
Lab File: VX0144469.D
Acq: 08 Jan 2020 14:24

Tgt Ion: 76 Resp: 12069

Ion	Ratio	Lower	Upper
76	100		
78	5.5	26.4	39.6#



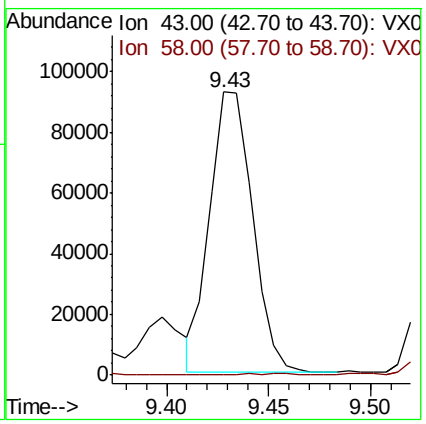


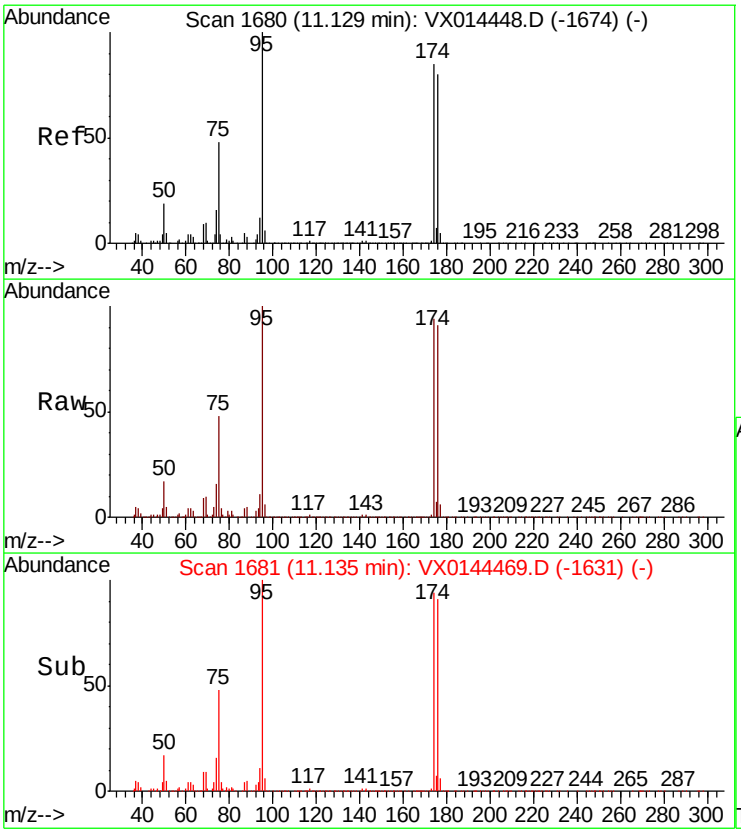
#59
2-Hexanone
Concen: 20.387 ug/l
RT: 9.43 min Scan# 1401
Delta R.T. -0.06 min
Lab File: VX0144469.D
Acq: 08 Jan 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 135133

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.9	83.7#

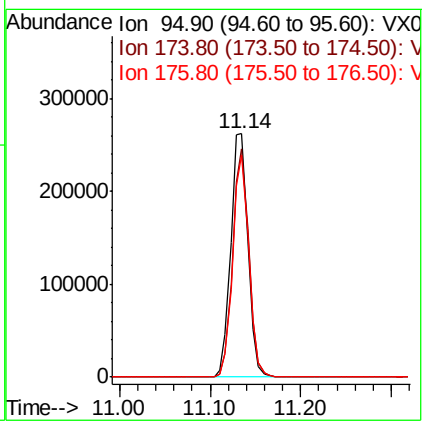


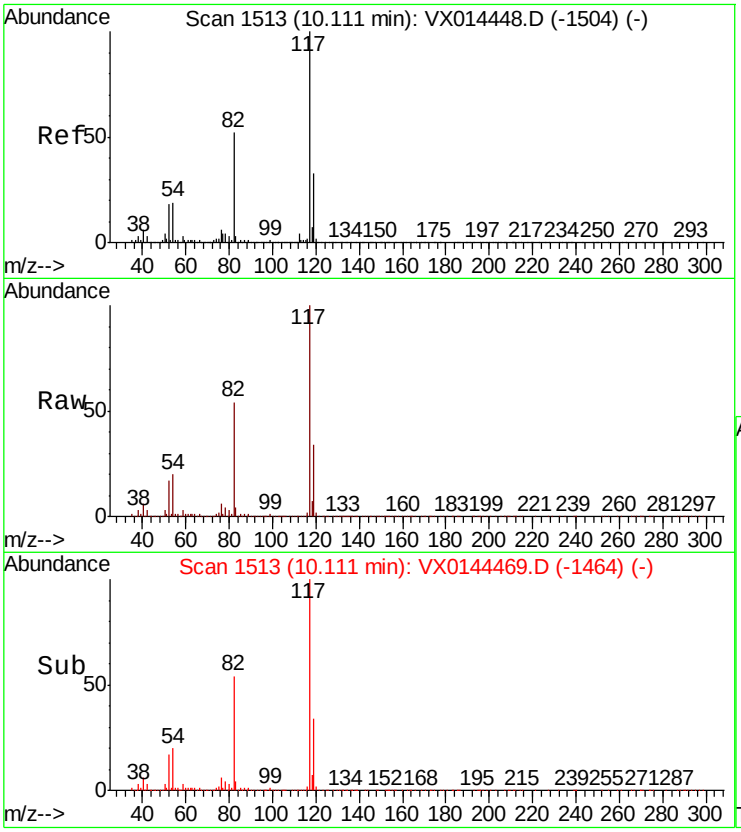


#62
4-Bromofluorobenzene
Concen: 47.917 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX0144469.D
Acq: 08 Jan 2020 14:24

Tgt Ion: 95 Resp: 344260

Ion	Ratio	Lower	Upper
95	100		
174	88.2	0.0	180.8
176	86.1	0.0	172.8



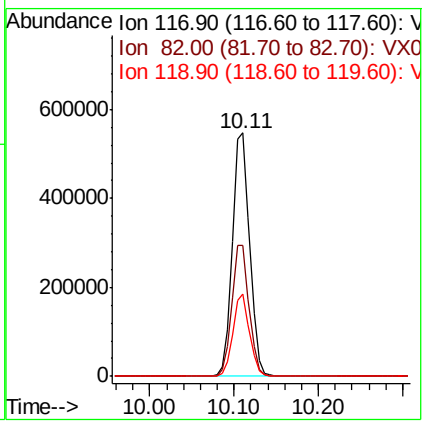


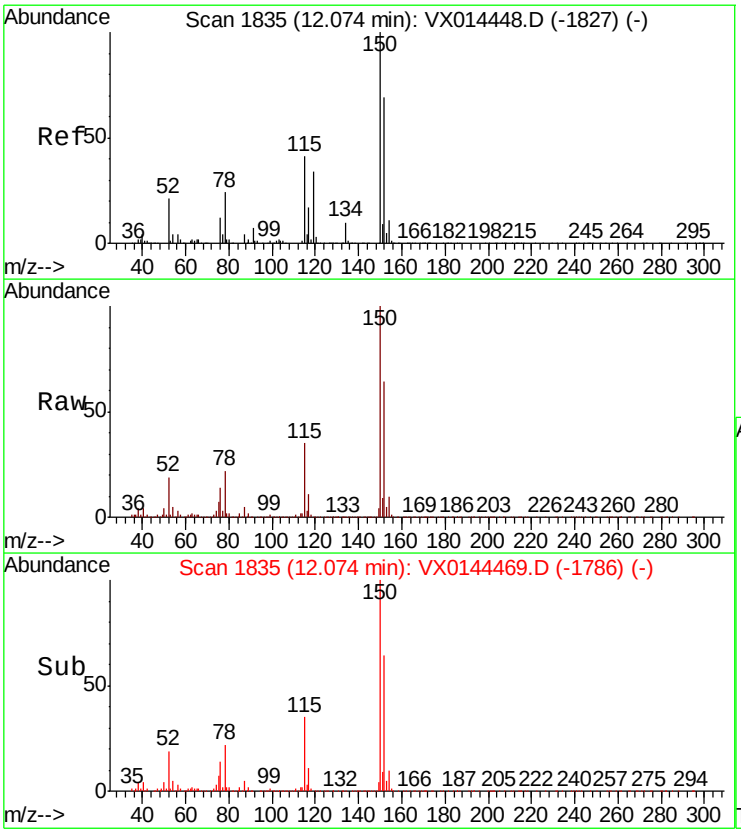
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX0144469.D
Acq: 08 Jan 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 755155

Ion	Ratio	Lower	Upper
117	100		
82	54.0	41.8	62.6
119	33.7	26.2	39.4

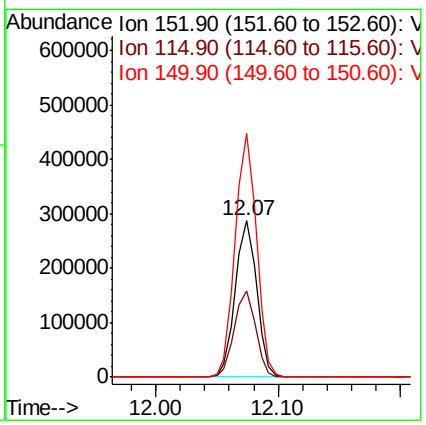


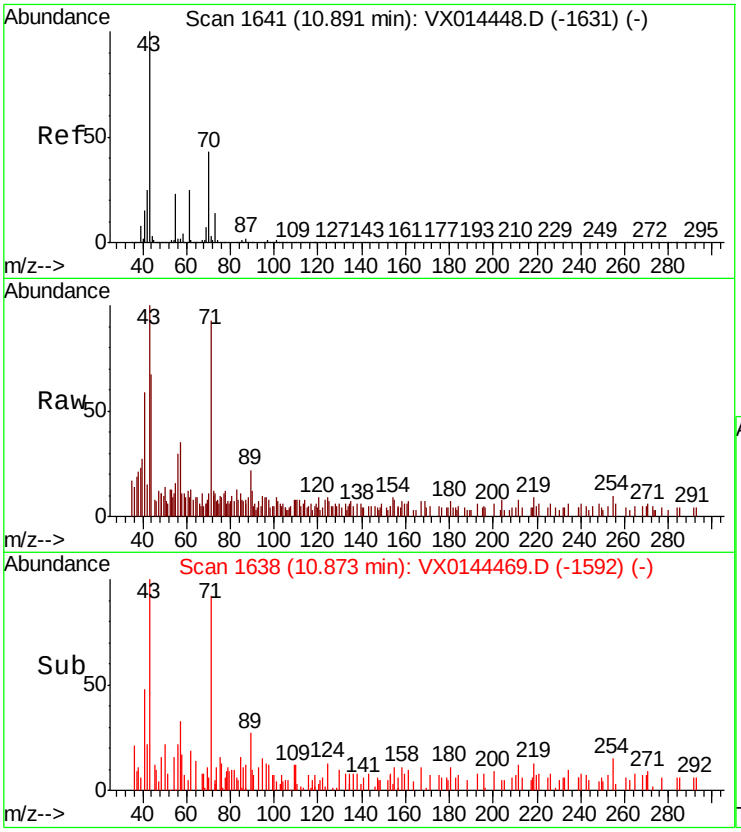


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX0144469.D
Acq: 08 Jan 2020 14:24

Tgt Ion:152 Resp: 345883

Ion	Ratio	Lower	Upper
152	100		
115	55.3	39.5	118.3
150	155.6	0.0	350.2



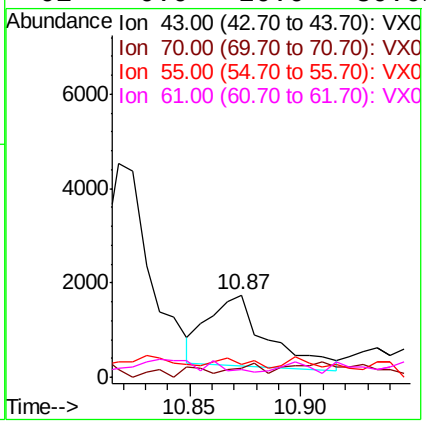


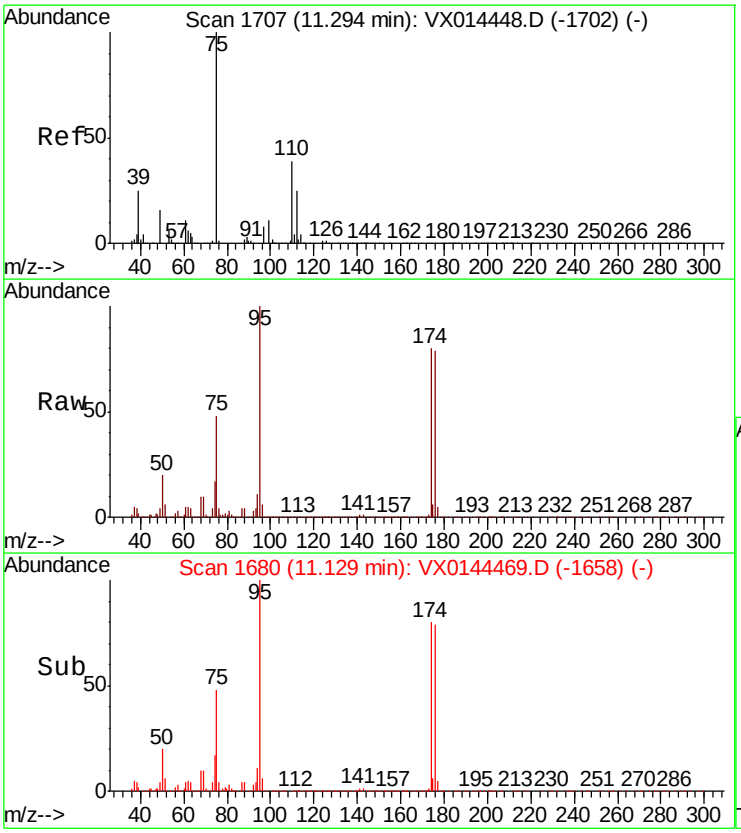
#74
N-amyl acetate
Concen: 0.257 ug/l
RT: 10.87 min Scan# 1638
Delta R.T. -0.02 min
Lab File: VX0144469.D
Acq: 08 Jan 2020 14:24

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 2753

Ion	Ratio	Lower	Upper
43	100		
70	8.5	35.1	52.7#
55	9.0	19.3	28.9#
61	0.0	20.0	30.0#

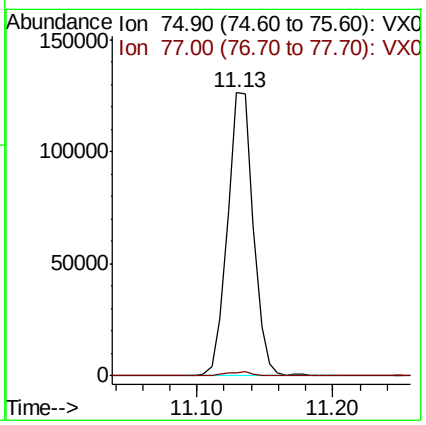


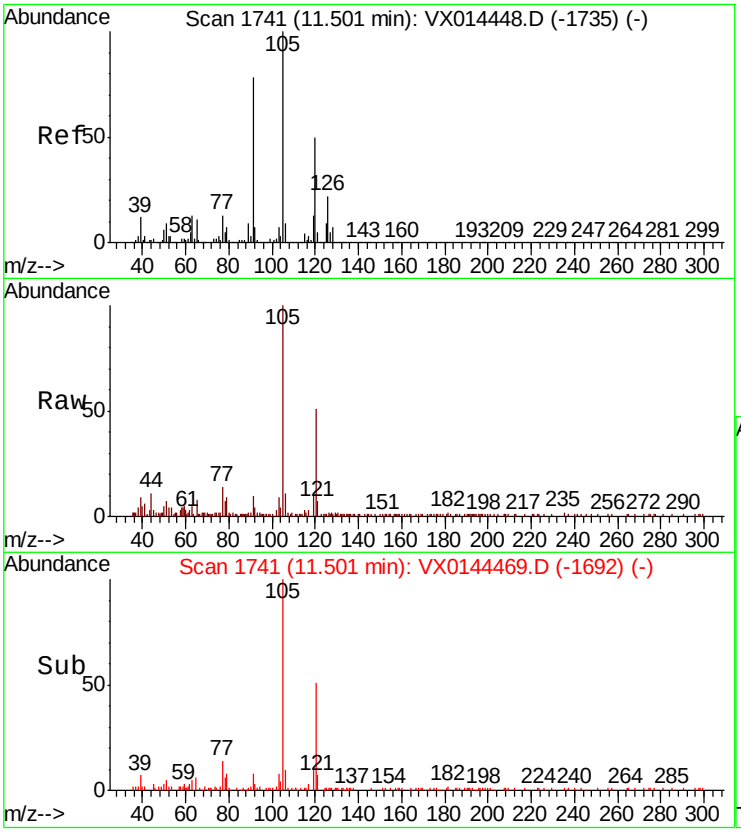


#76
1,2,3-Trichloropropane
Concen: 23.183 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX0144469.D
Acq: 08 Jan 2020 14:24

Tgt Ion: 75 Resp: 165904

Ion	Ratio	Lower	Upper
75	100		
77	1.5	21.9	65.7#



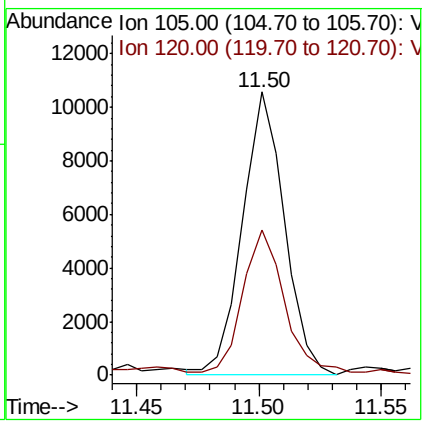


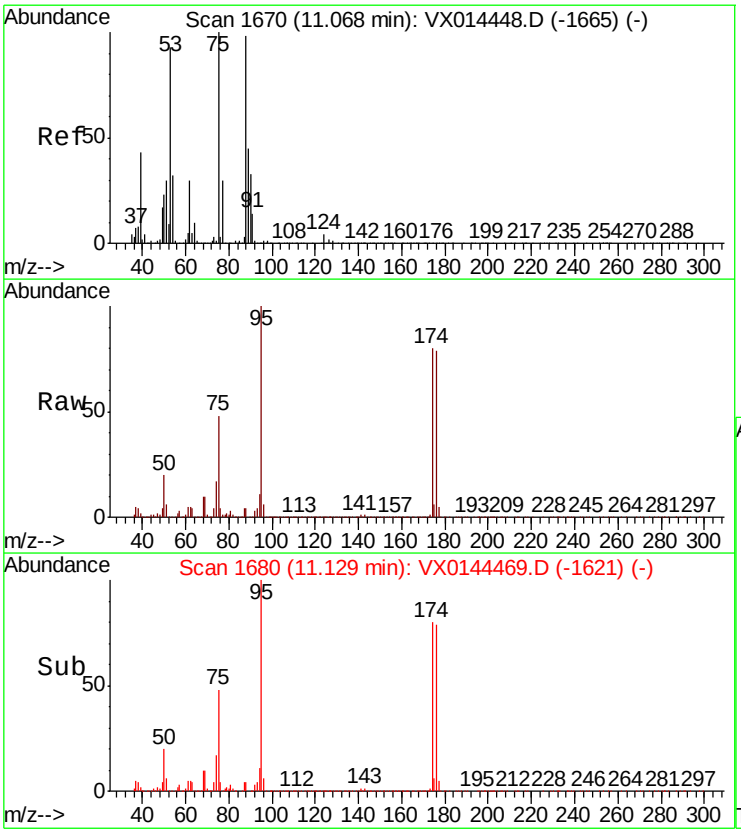
#80
1,3,5-Trimethylbenzene
Concen: 0.626 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX0144469.D
Acq: 08 Jan 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 12619

Ion	Ratio	Lower	Upper
105	100		
120	49.5	25.2	75.6

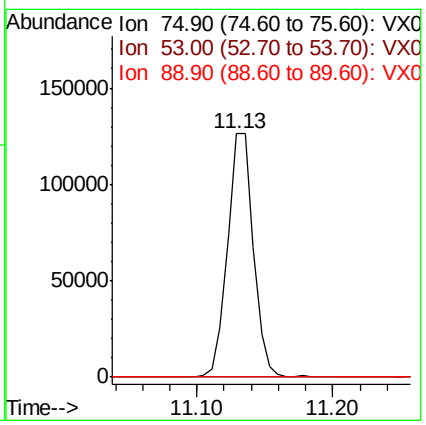


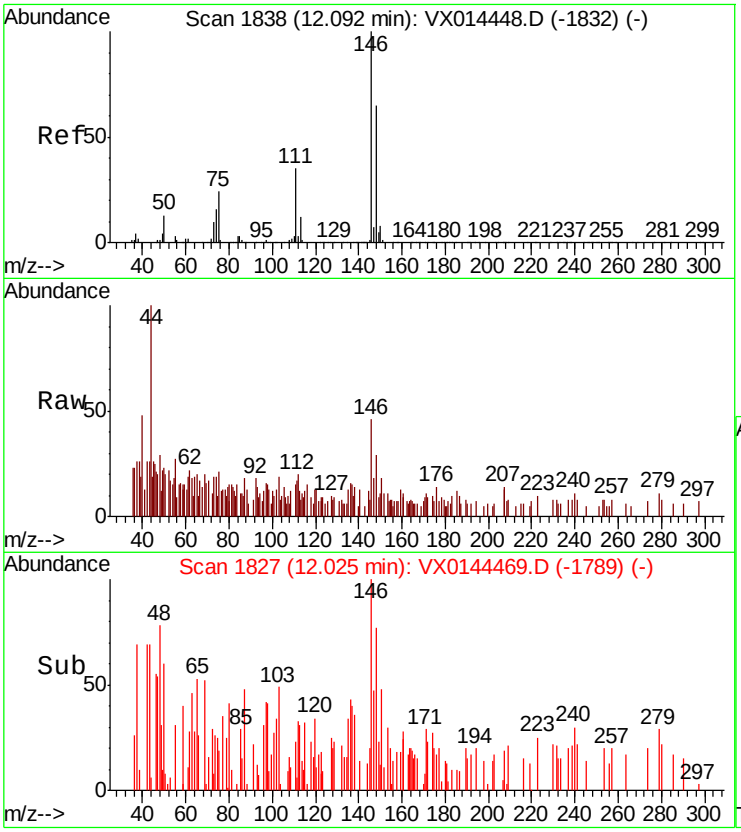


#81
trans-1,4-Dichloro-2-butene
Concen: 61.291 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX0144469.D
Acq: 08 Jan 2020 14:24

Tgt Ion: 75 Resp: 165904

Ion	Ratio	Lower	Upper
75	100		
53	0.2	74.8	112.2#
89	0.0	36.3	54.5#





#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 12.03 min Scan# 1827
Delta R.T. -0.07 min
Lab File: VX0144469.D
Acq: 08 Jan 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 762

Ion	Ratio	Lower	Upper
146	100		
111	42.4	18.1	54.1
148	65.1	32.1	96.3