Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072820\
Data File : VX017645.D
Acq On : 28 Jul 2020 11:49
Operator : JC/SP
Sample : VX0728WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jul 29 02:24:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	522015	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	862764	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	896213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	471145	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	358485	53.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.92%			
35) Dibromofluoromethane	5.46	113	296036	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.60%			
50) Toluene-d8	8.70	98	1079221	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.70%			
62) 4-Bromofluorobenzene	11.12	95	454017	54.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	431	Below Cal		81
3) Chloromethane	1.32	50	1676	0.625	ug/l #	84
5) Bromomethane	1.64	94	1582	Below Cal		96
6) Chloroethane	1.68	64	124	Below Cal	#	1
8) Diethyl Ether	2.16	74	634	Below Cal		93
10) Methyl Iodide	2.50	142	3525	0.486	ug/l #	93
11) Tert butyl alcohol	3.03	59	937	0.663	ug/l #	37
13) Acrolein	2.28	56	1236	5.275	ug/l #	68
15) Acrylonitrile	3.12	53	1962	0.643	ug/l #	80
16) Acetone	2.42	43	1088	0.369	ug/l	96
17) Carbon Disulfide	2.55	76	4530	0.276	ug/l #	74
20) Methylene Chloride	2.84	84	2703	Below Cal	#	93
21) trans-1,2-Dichloroethene	3.14	96	1523	0.264	ug/l #	54
25) 2-Butanone	4.65	43	2456	0.586	ug/l #	84
28) Bromochloromethane	4.97	49	1044	0.222	ug/l #	33
29) Tetrahydrofuran	4.98	42	703	0.271	ug/l	92
36) 1,1-Dichloropropene	5.63	75	37390	4.519	ug/l #	52
38) Carbon Tetrachloride	5.63	117	53257	5.300	ug/l #	19
49) 1,4-Dioxane	7.69	88	87	0.613	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	231959	23.934	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.12	75	231959	60.308	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	12.99	75	382	2.704	ug/l #	1
94) Hexachlorobutadiene	13.77	225	1508	0.314	ug/l	94

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

Quantitation Report (Not Reviewed)

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Data File : VX017645.D
Acq On : 28 Jul 2020 11:49
Operator : JC/SP
Sample : VX0728WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 29 02:24:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
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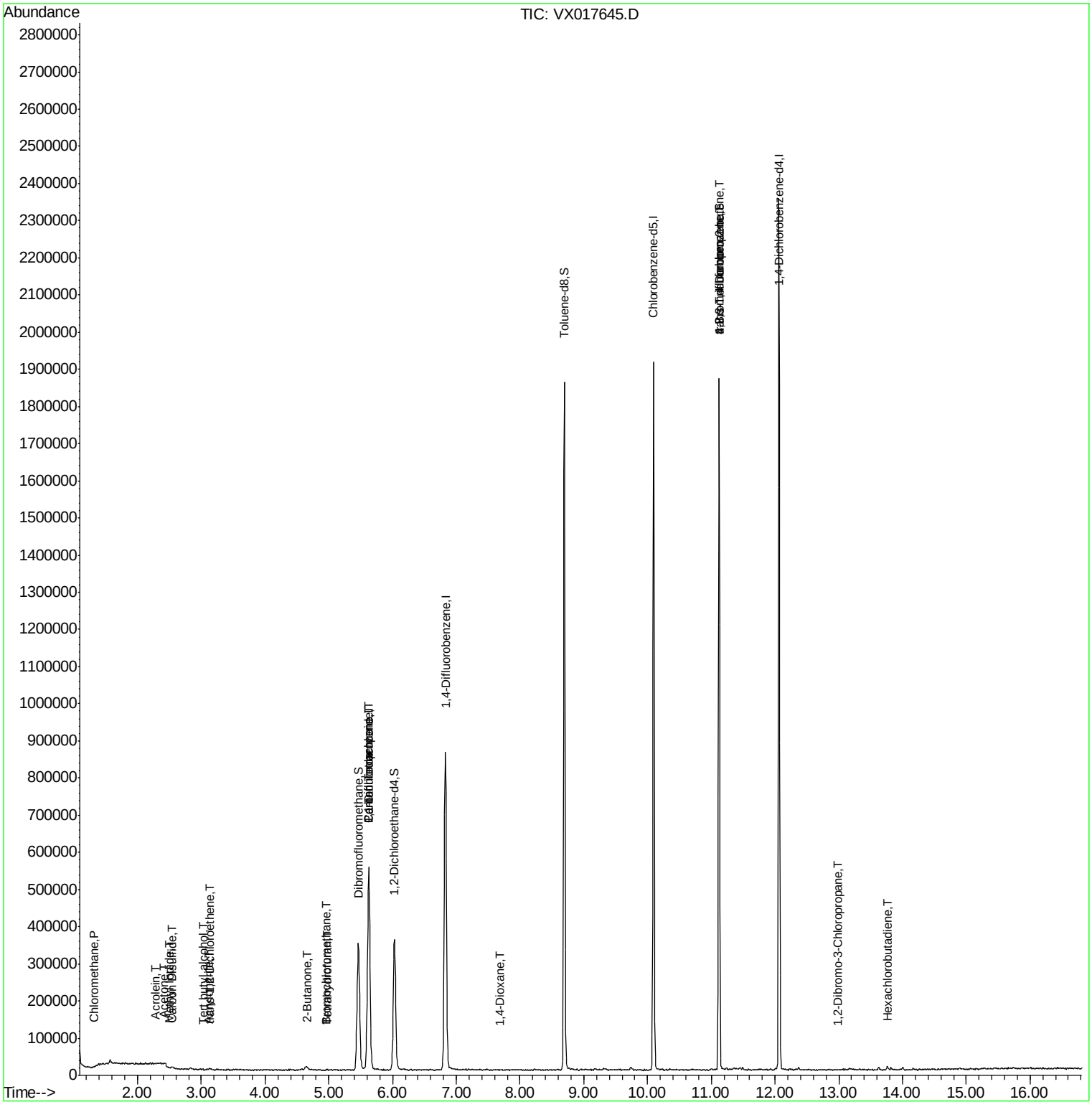
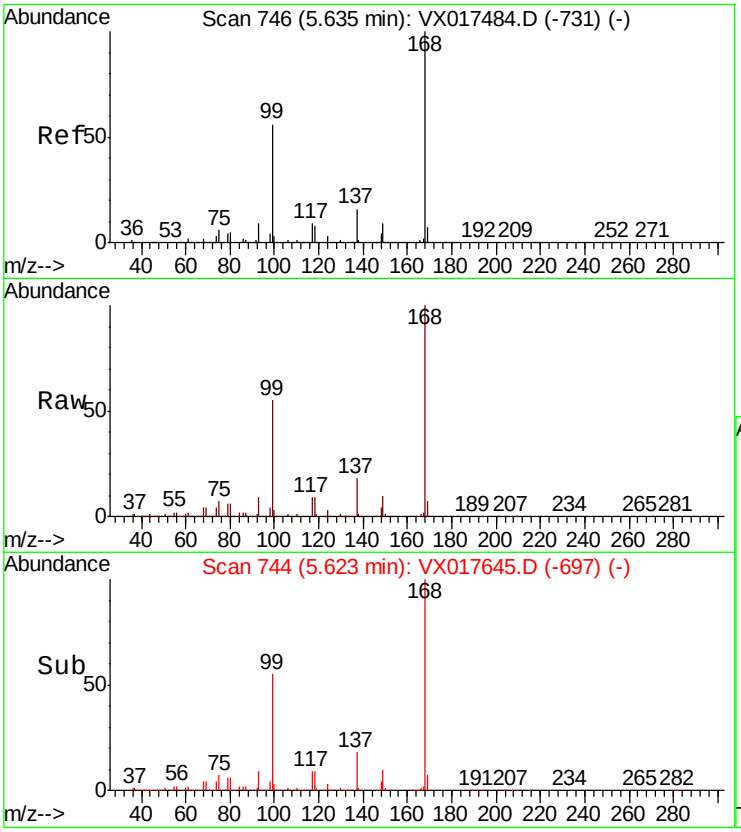


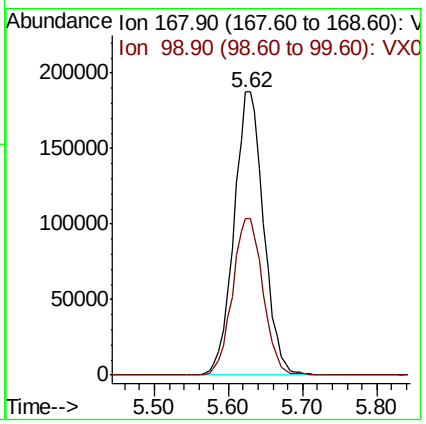


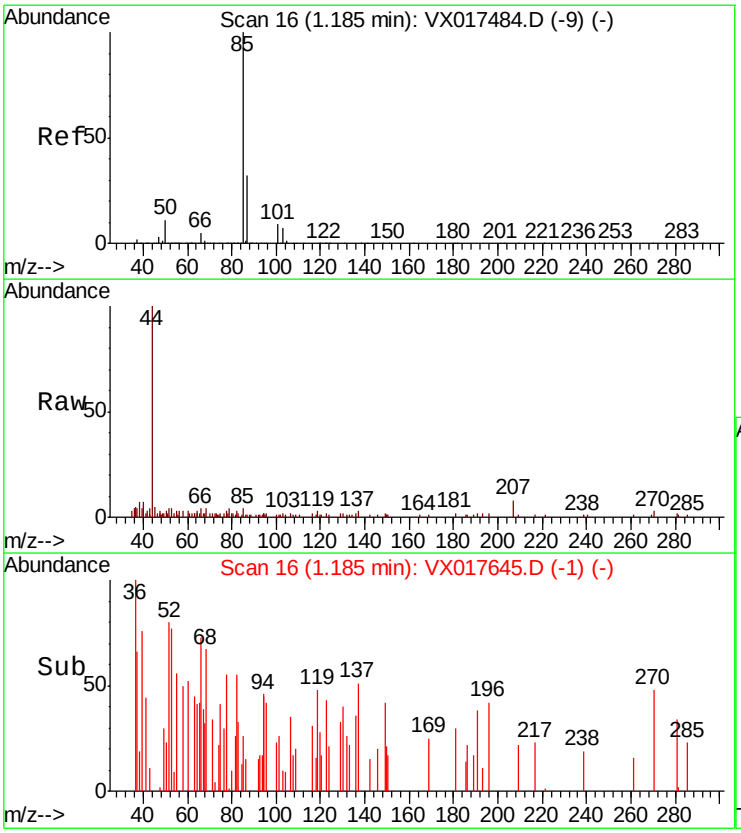
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.01 min
Lab File: VX017645.D
Acq: 28 Jul 2020 11:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 522015

Ion	Ratio	Lower	Upper
168	100		
99	55.2	43.4	65.2

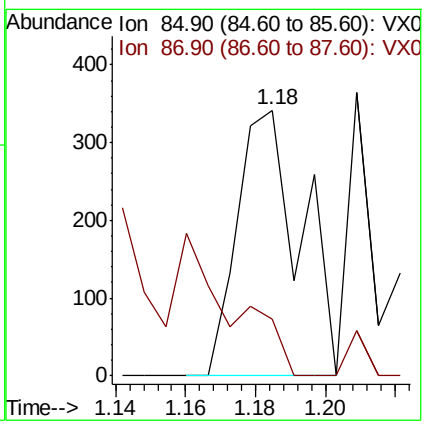


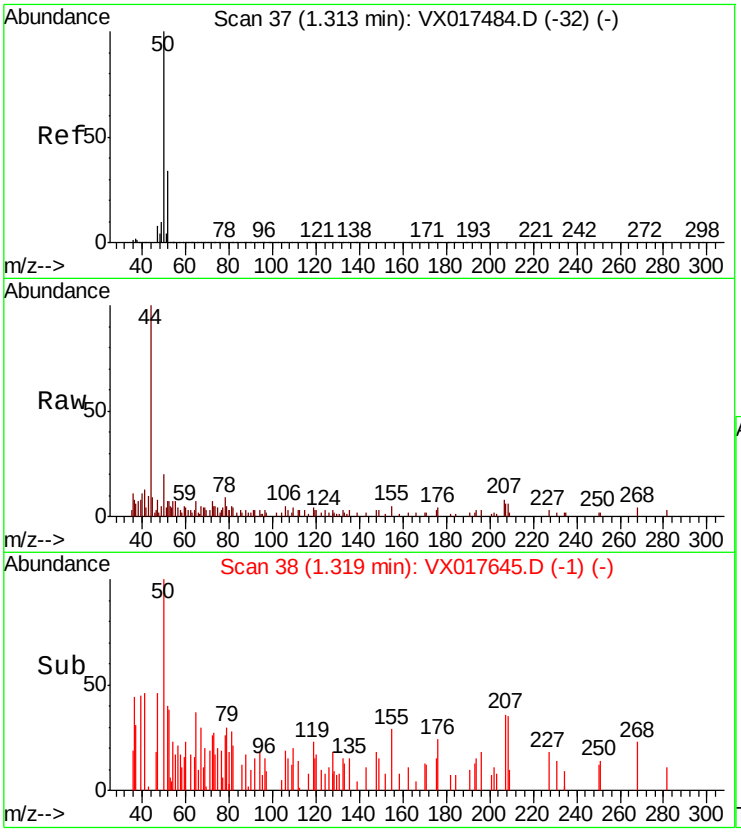


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX017645.D
Acq: 28 Jul 2020 11:49

Tgt Ion: 85 Resp: 431

Ion	Ratio	Lower	Upper
85	100		
87	21.3	16.1	48.3



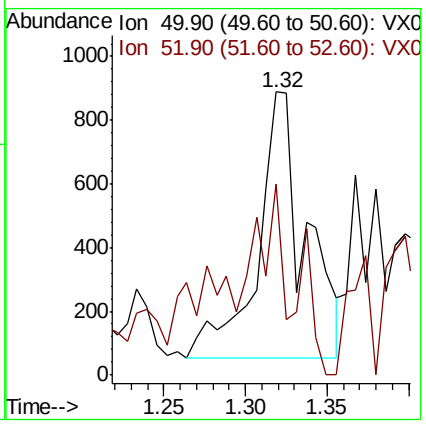


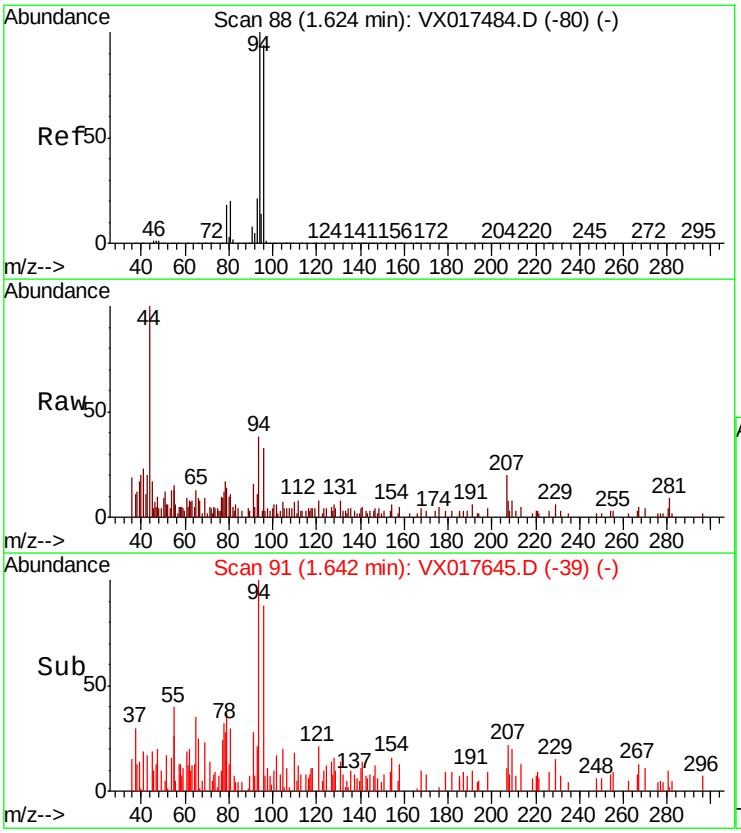
#3
Chloromethane
Concen: 0.625 ug/l
RT: 1.32 min Scan# 38
Delta R.T. 0.01 min
Lab File: VX017645.D
Acq: 28 Jul 2020 11:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 1676

Ion	Ratio	Lower	Upper
50	100		
52	41.1	25.9	38.9#

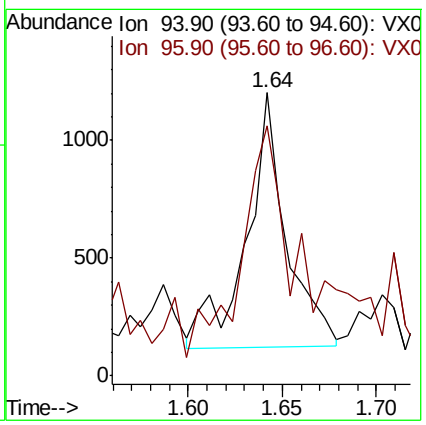


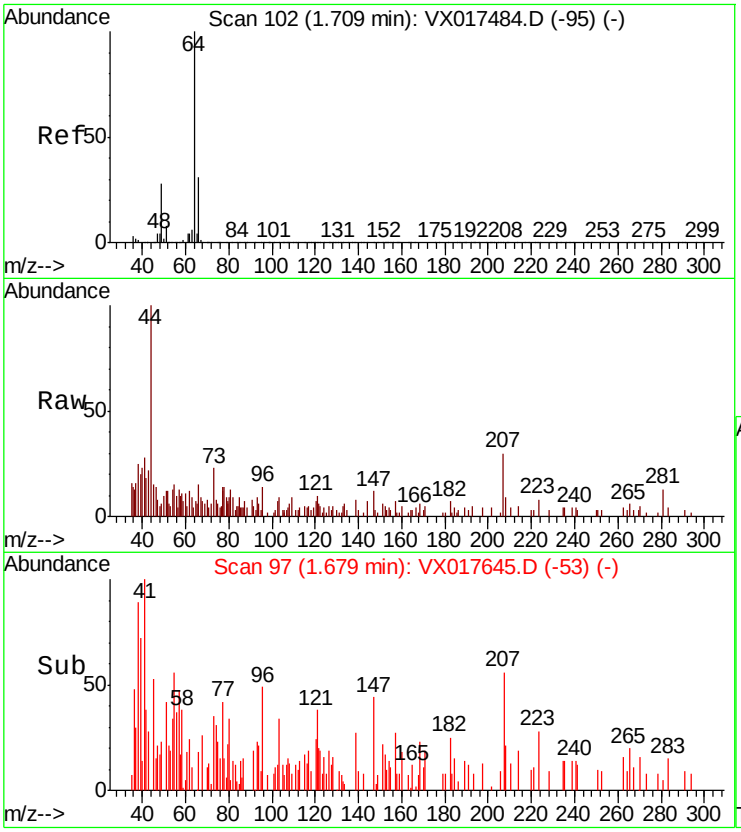


#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 91
Delta R.T. 0.02 min
Lab File: VX017645.D
Acq: 28 Jul 2020 11:49

Tgt Ion: 94 Resp: 1582

Ion	Ratio	Lower	Upper
94	100		
96	88.9	74.1	111.1



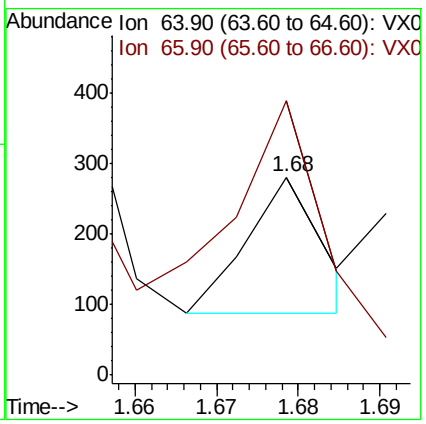


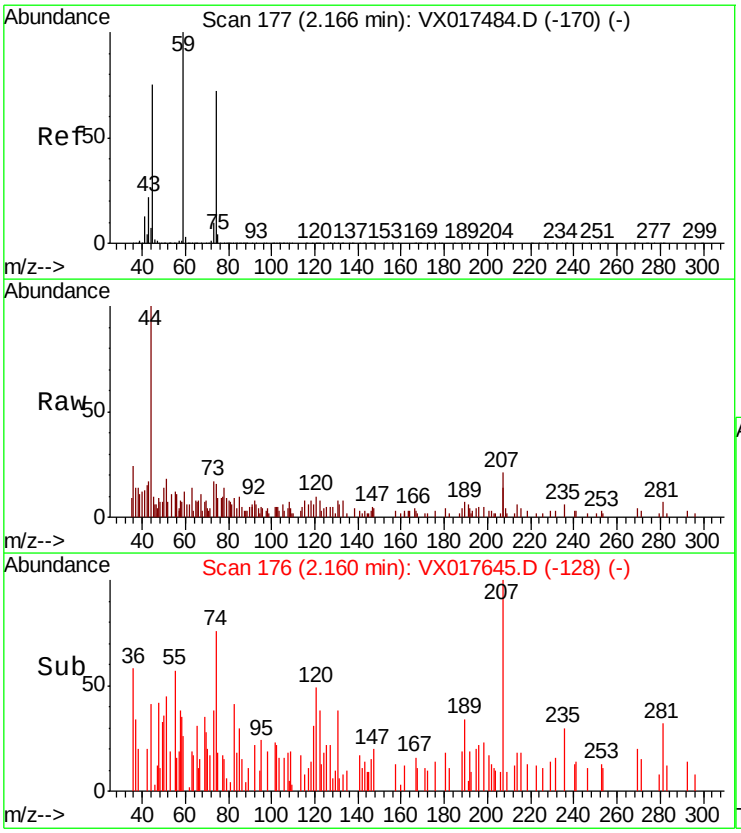
#6
Chloroethane
Concen: Below Cal
RT: 1.68 min Scan# 97
Delta R.T. -0.03 min
Lab File: VX017645.D
Acq: 28 Jul 2020 11:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 124

Ion	Ratio	Lower	Upper
64	100		
66	124.4	24.9	37.3#

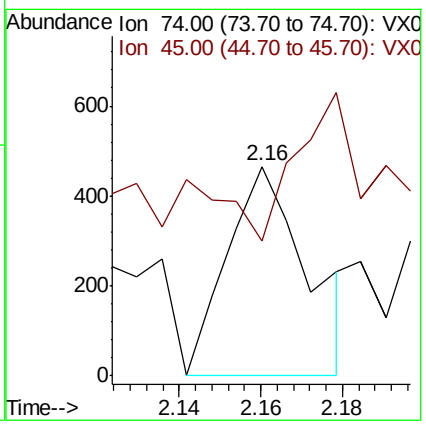


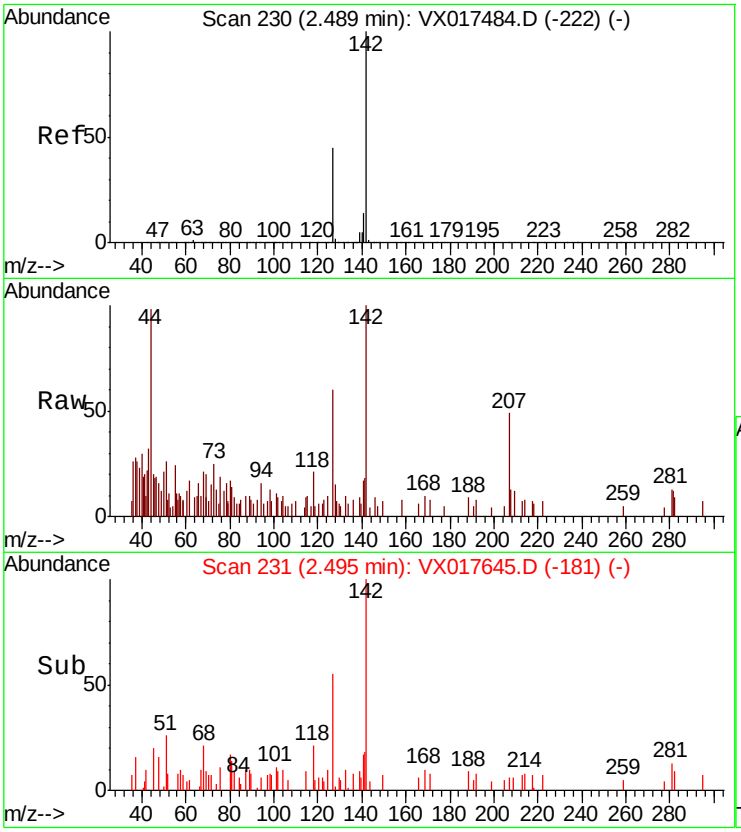


#8
Diethyl Ether
Concen: Below Cal
RT: 2.16 min Scan# 176
Delta R.T. -0.01 min
Lab File: VX017645.D
Acq: 28 Jul 2020 11:49

Tgt Ion: 74 Resp: 634

Ion	Ratio	Lower	Upper
74	100		
45	108.7	50.8	152.5



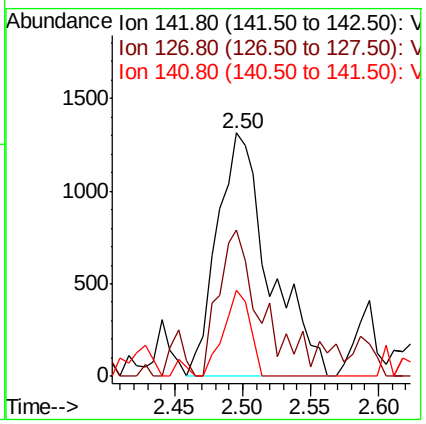


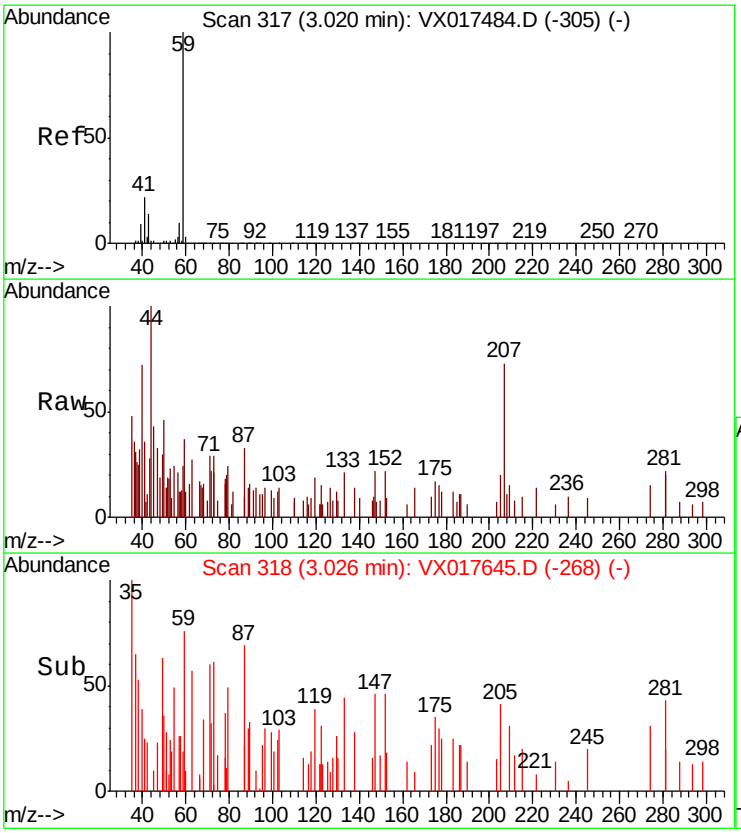
#10
Methyl Iodide
Concen: 0.486 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX017645.D
Acq: 28 Jul 2020 11:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 3525

Ion	Ratio	Lower	Upper
142	100		
127	49.4	35.9	53.9
141	17.8	11.4	17.0#

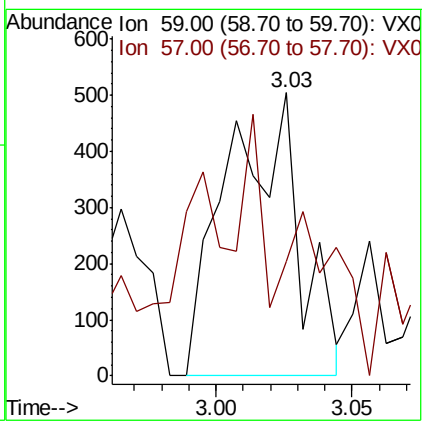


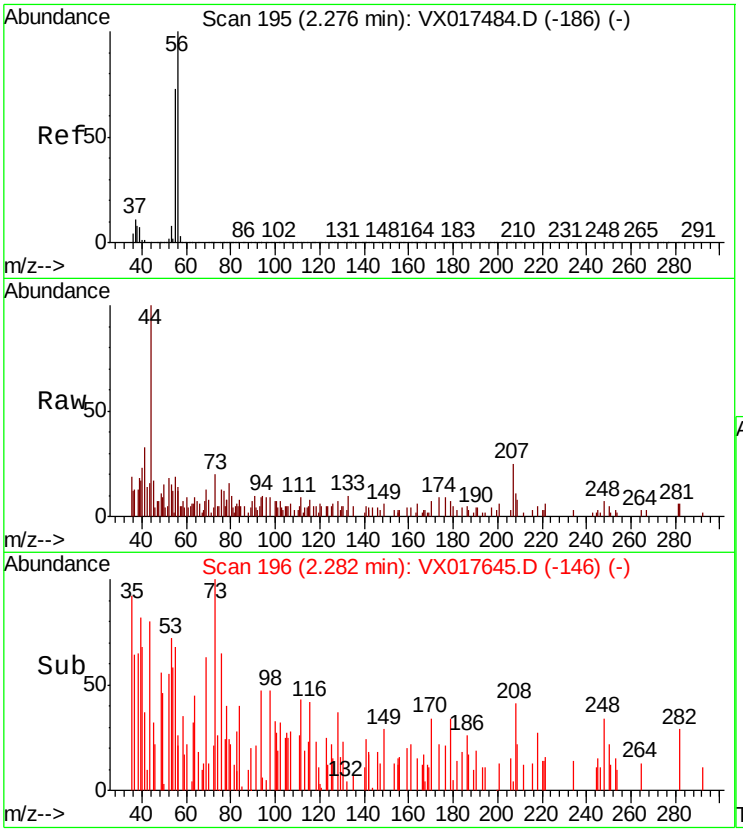


#11
Tert butyl alcohol
Concen: 0.663 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX017645.D
Acq: 28 Jul 2020 11:49

Tgt Ion: 59 Resp: 937

Ion	Ratio	Lower	Upper
59	100		
57	34.3	8.6	12.8#



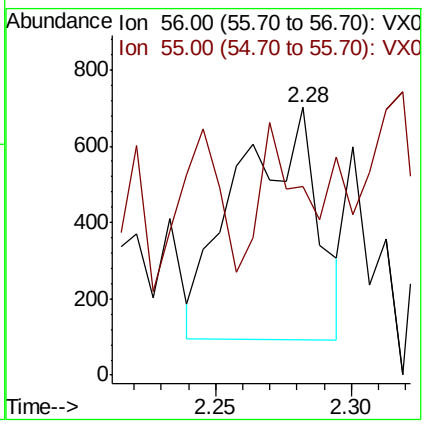


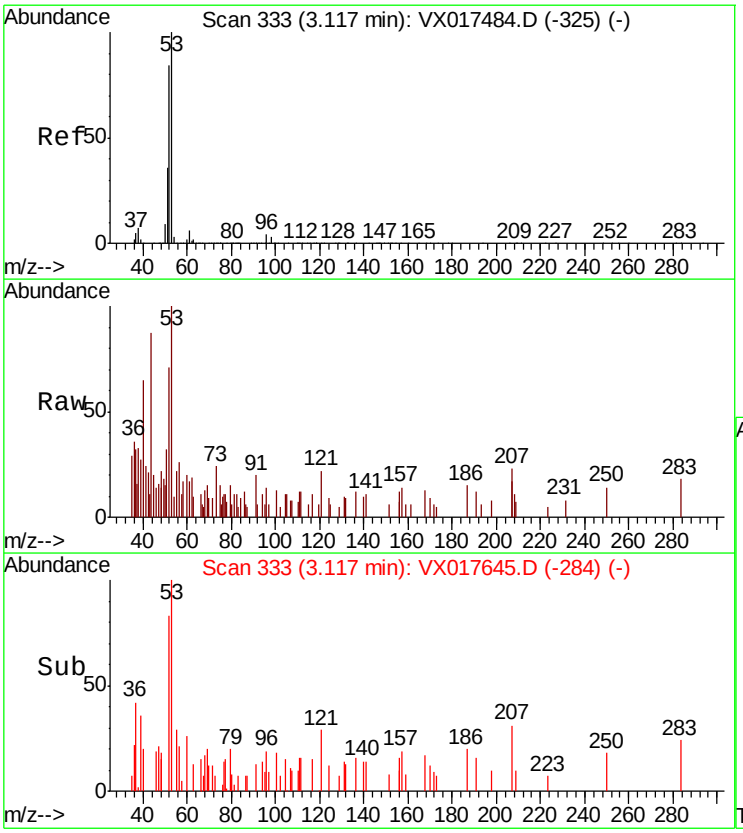
#13
Acrolein
Concen: 5.275 ug/l
RT: 2.28 min Scan# 196
Delta R.T. 0.01 min
Lab File: VX017645.D
Acq: 28 Jul 2020 11:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 1236

Ion	Ratio	Lower	Upper
56	100		
55	44.8	57.4	86.2#

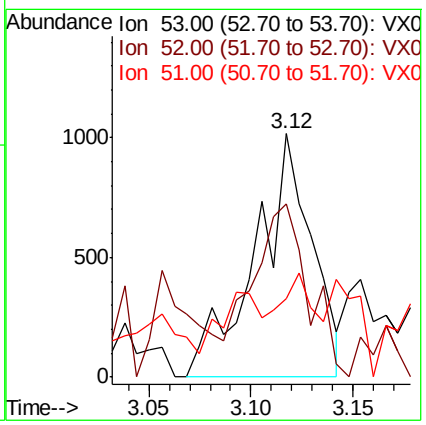


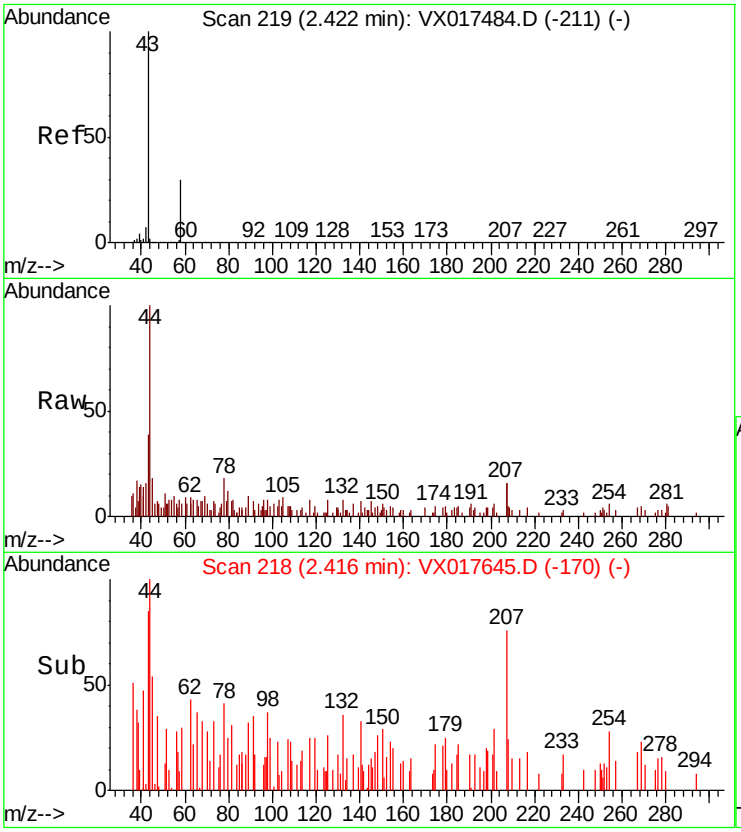


#15
Acrylonitrile
Concen: 0.643 ug/l
RT: 3.12 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX017645.D
Acq: 28 Jul 2020 11:49

Tgt Ion: 53 Resp: 1962

Ion	Ratio	Lower	Upper
53	100		
52	69.6	66.6	99.8
51	18.5	29.4	44.2#



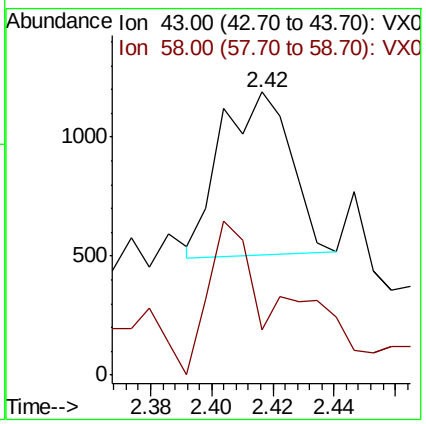


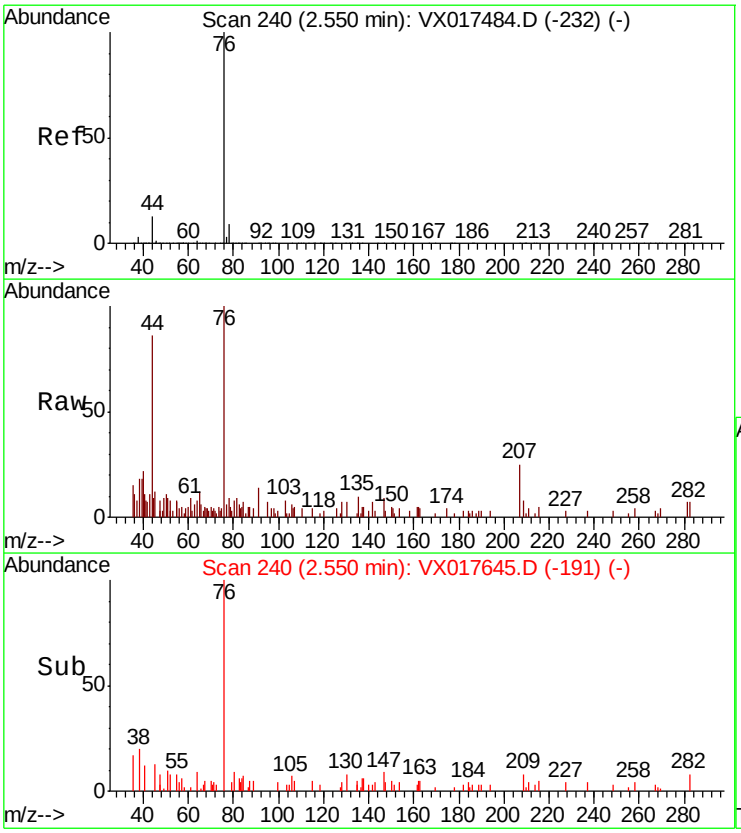
#16
Acetone
Concen: 0.369 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX017645.D
Acq: 28 Jul 2020 11:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1088

Ion	Ratio	Lower	Upper
43	100		
58	28.1	24.2	36.4

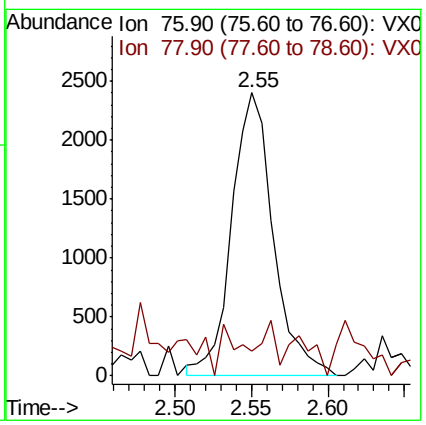


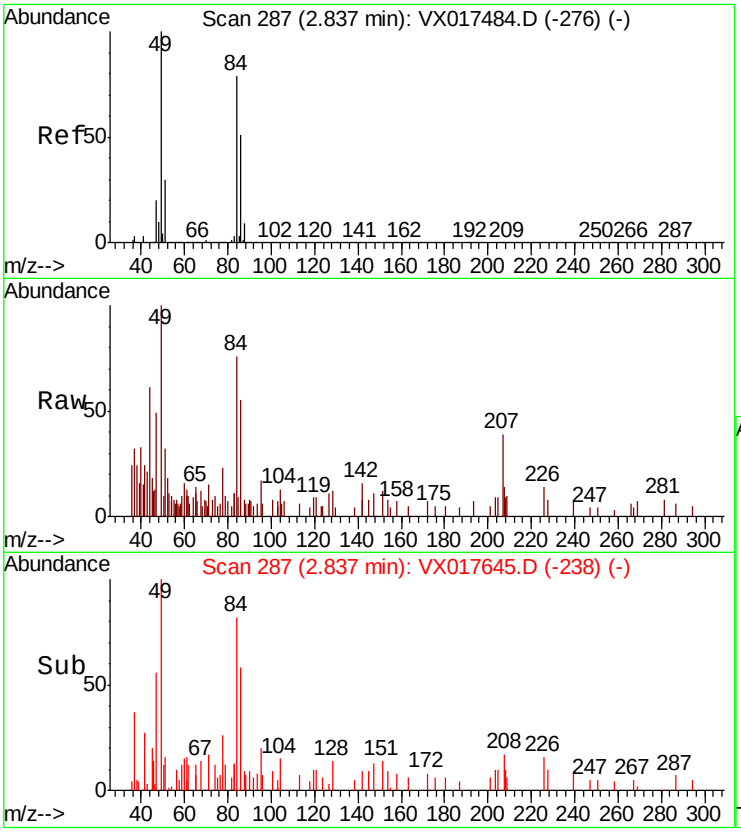


#17
Carbon Disulfide
Concen: 0.276 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017645.D
Acq: 28 Jul 2020 11:49

Tgt Ion: 76 Resp: 4530

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.5	11.3#



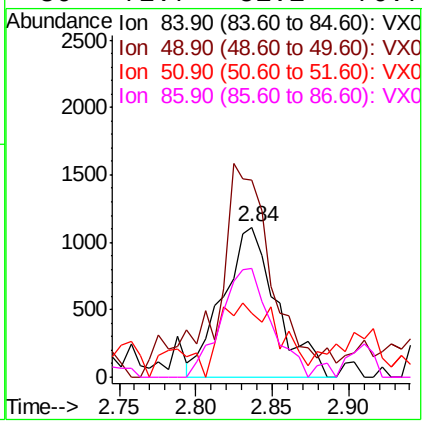


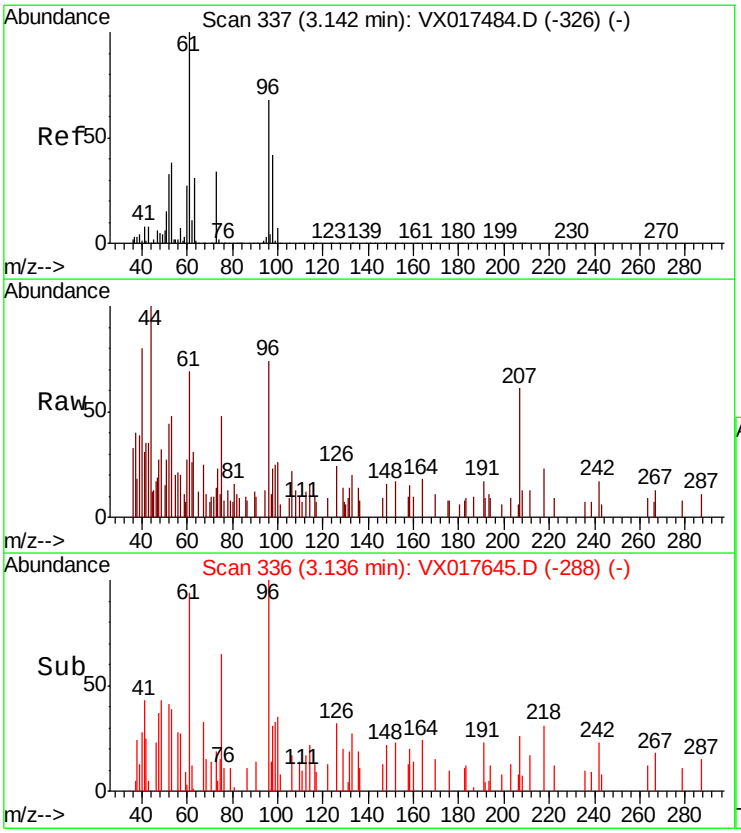
#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017645.D
Acq: 28 Jul 2020 11:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 2703

Ion	Ratio	Lower	Upper
84	100		
49	122.2	100.3	150.5
51	28.4	30.5	45.7#
86	72.7	51.1	76.7

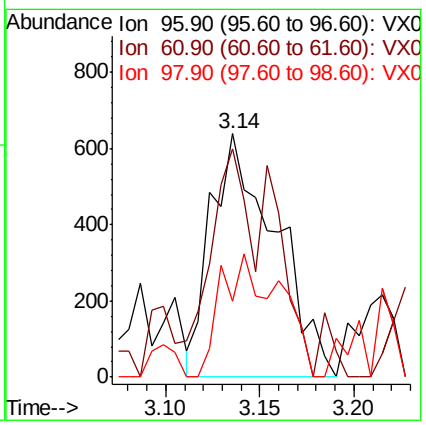


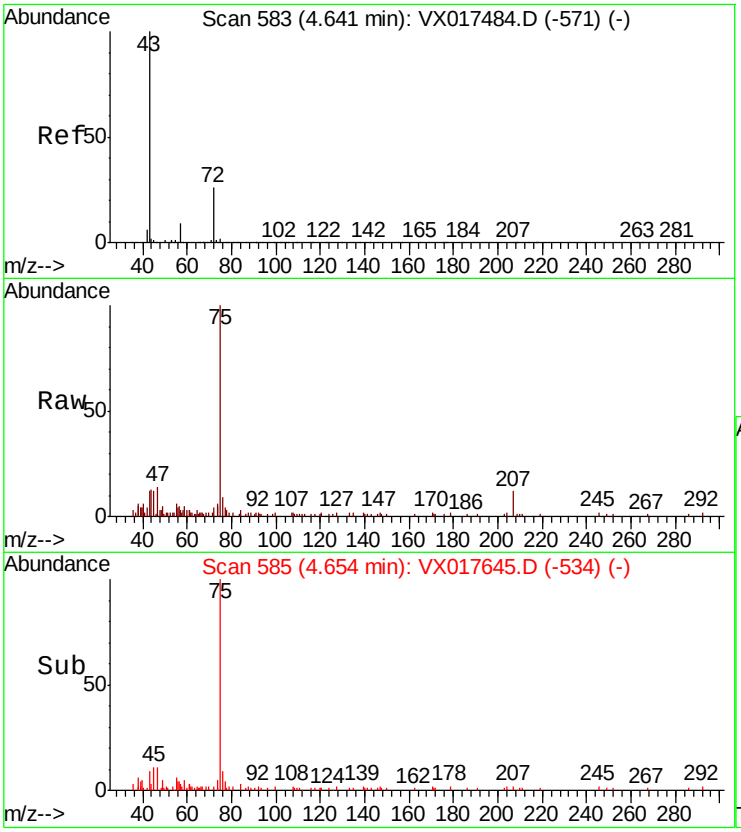


#21
trans-1,2-Dichloroethene
Concen: 0.264 ug/l
RT: 3.14 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX017645.D
Acq: 28 Jul 2020 11:49

Tgt Ion: 96 Resp: 1523

Ion	Ratio	Lower	Upper
96	100		
61	82.9	113.0	169.4#
98	31.0	51.8	77.8#



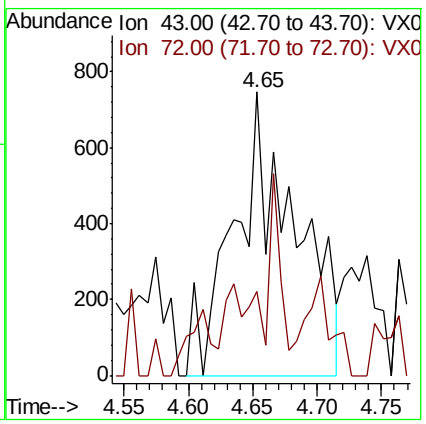


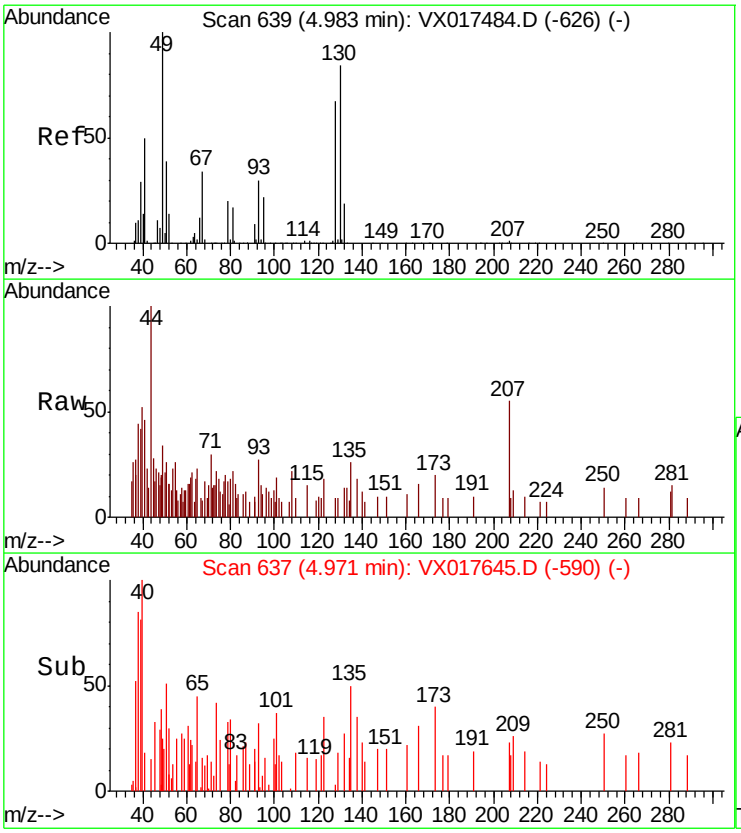
#25
2-Butanone
Concen: 0.586 ug/l
RT: 4.65 min Scan# 585
Delta R.T. 0.01 min
Lab File: VX017645.D
Acq: 28 Jul 2020 11:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 2456

Ion	Ratio	Lower	Upper
43	100		
72	15.7	19.0	28.4#

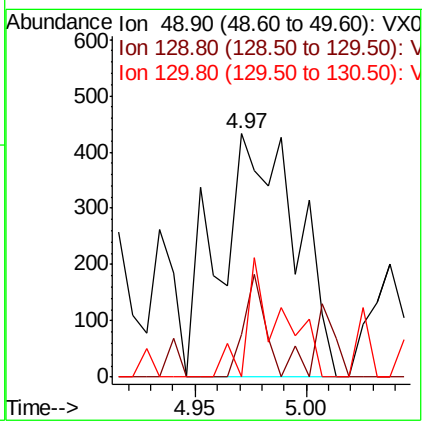


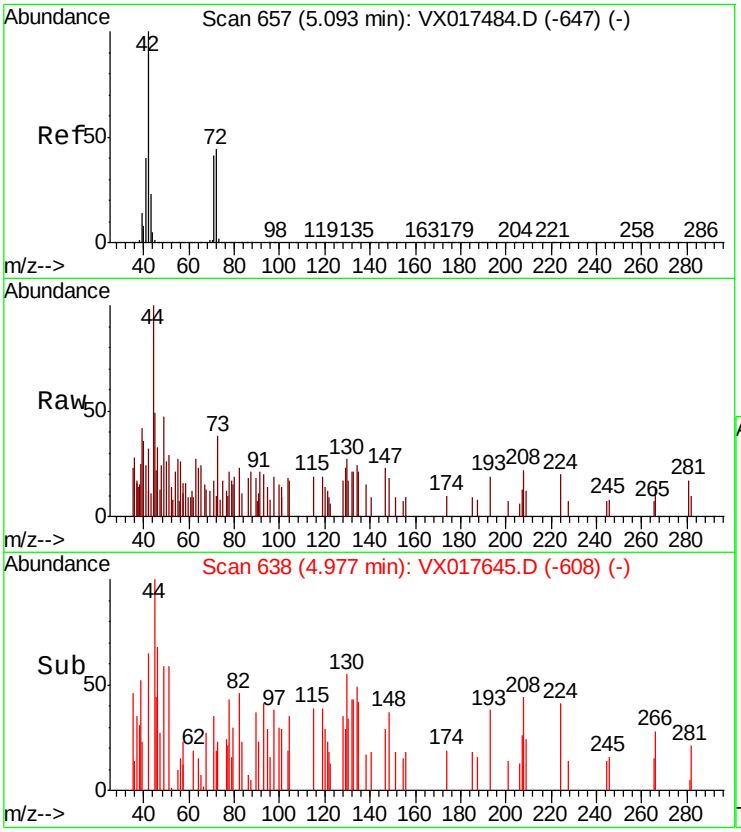


#28
Bromochloromethane
Concen: 0.222 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX017645.D
Acq: 28 Jul 2020 11:49

Tgt Ion: 49 Resp: 1044

Ion	Ratio	Lower	Upper
49	100		
129	11.4	0.0	4.6#
130	22.3	66.7	100.1#



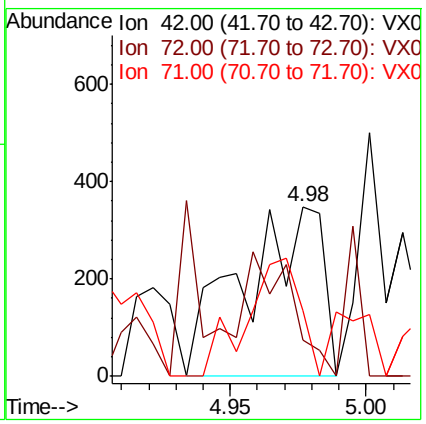


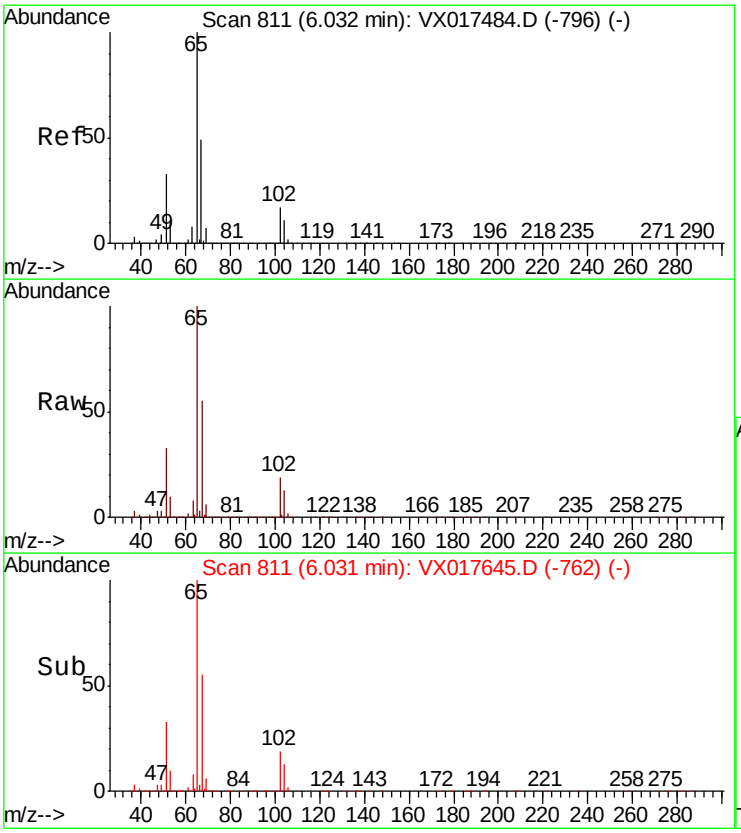
#29
Tetrahydrofuran
Concen: 0.271 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.12 min
Lab File: VX017645.D
Acq: 28 Jul 2020 11:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 703

Ion	Ratio	Lower	Upper
42	100		
72	40.7	35.5	53.3
71	47.7	33.0	49.4

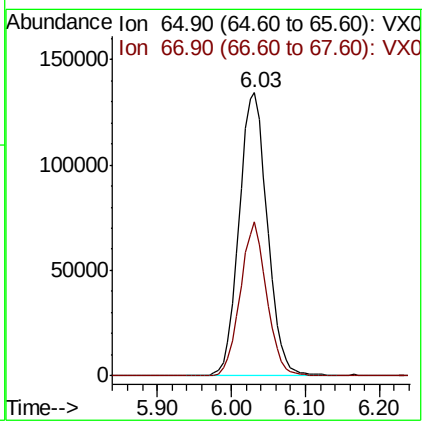


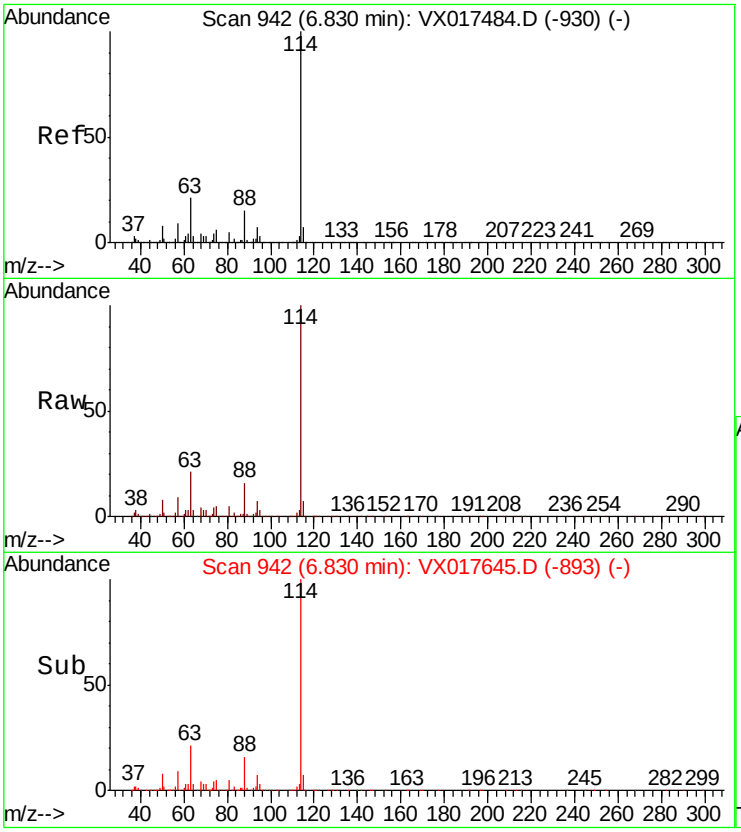


#33
1,2-Dichloroethane-d4
Concen: 53.461 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX017645.D
Acq: 28 Jul 2020 11:49

Tgt Ion: 65 Resp: 358485

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	102.8



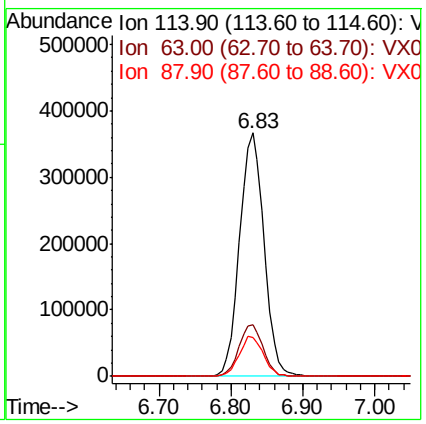


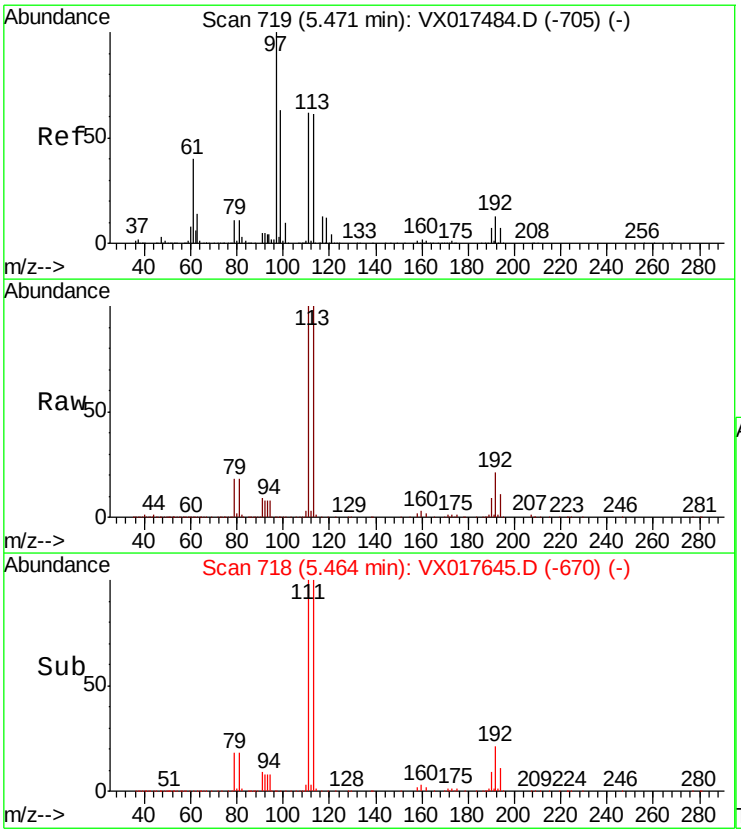
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX017645.D
Acq: 28 Jul 2020 11:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 862764

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	40.6
88	15.9	0.0	33.4

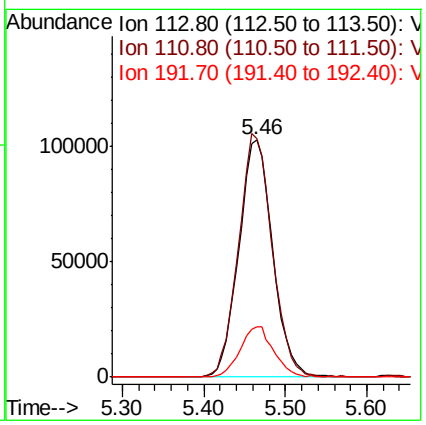


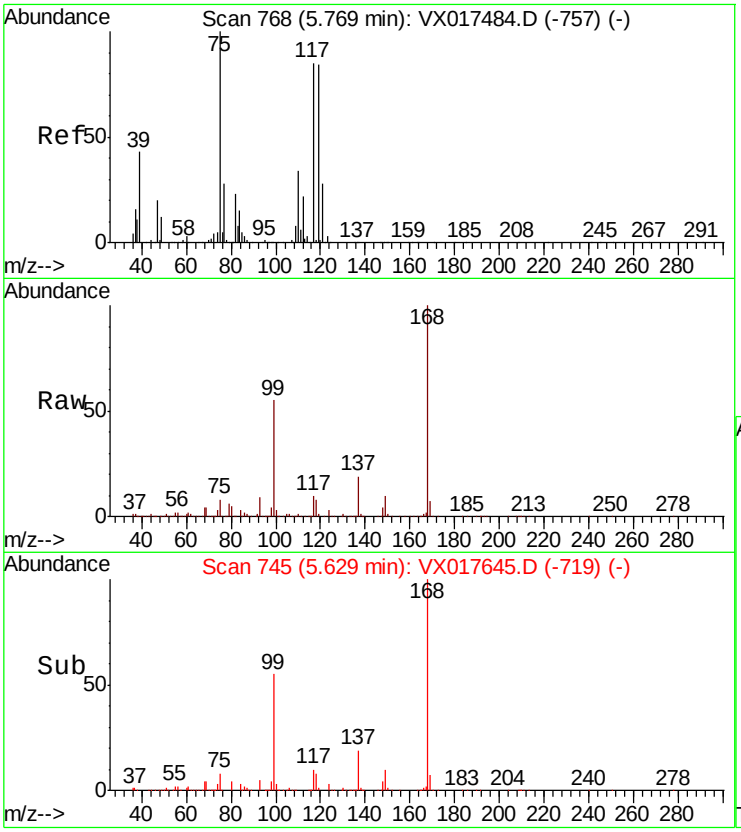


#35
Dibromofluoromethane
Concen: 51.304 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX017645.D
Acq: 28 Jul 2020 11:49

Tgt Ion:113 Resp: 296036

Ion	Ratio	Lower	Upper
113	100		
111	101.8	80.7	121.1
192	21.1	16.9	25.3



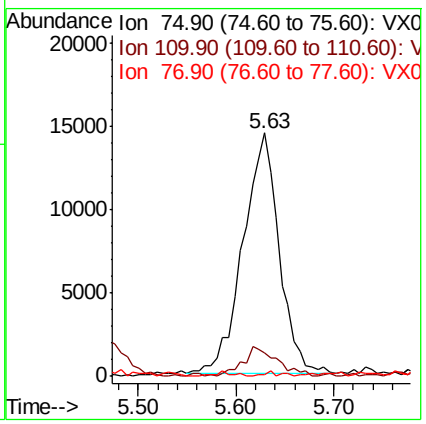


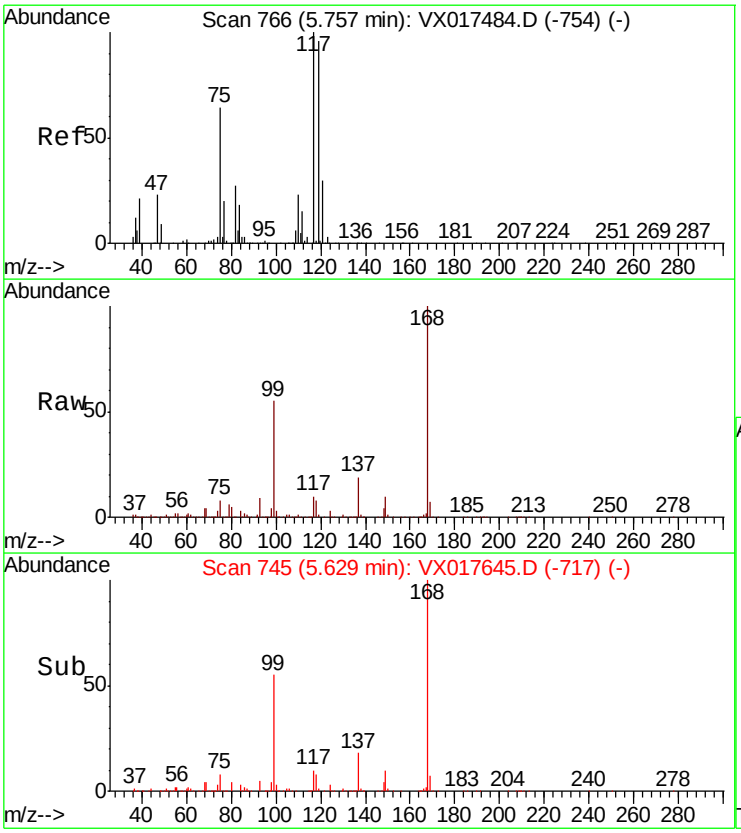
#36
1,1-Dichloropropene
Concen: 4.519 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX017645.D
Acq: 28 Jul 2020 11:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 37390

Ion	Ratio	Lower	Upper
75	100		
110	11.6	18.1	54.3#
77	0.5	24.6	37.0#

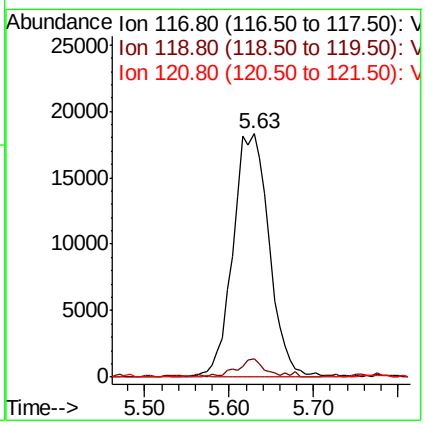


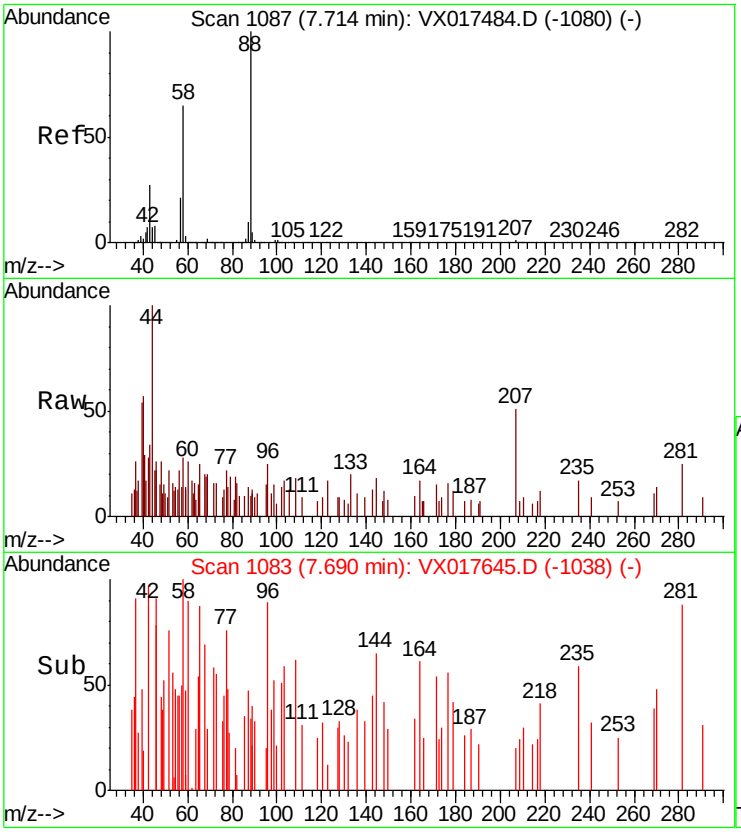


#38
Carbon Tetrachloride
Concen: 5.300 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX017645.D
Acq: 28 Jul 2020 11:49

Tgt Ion:117 Resp: 53257

Ion	Ratio	Lower	Upper
117	100		
119	7.4	75.4	113.0#
121	0.4	24.3	36.5#



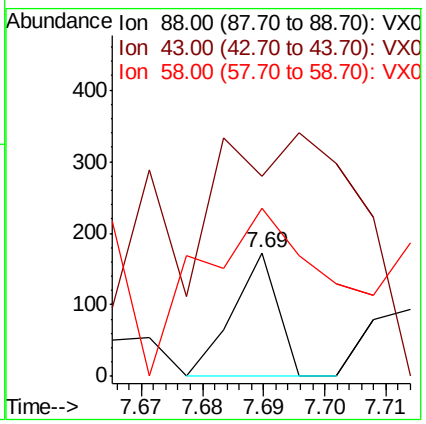


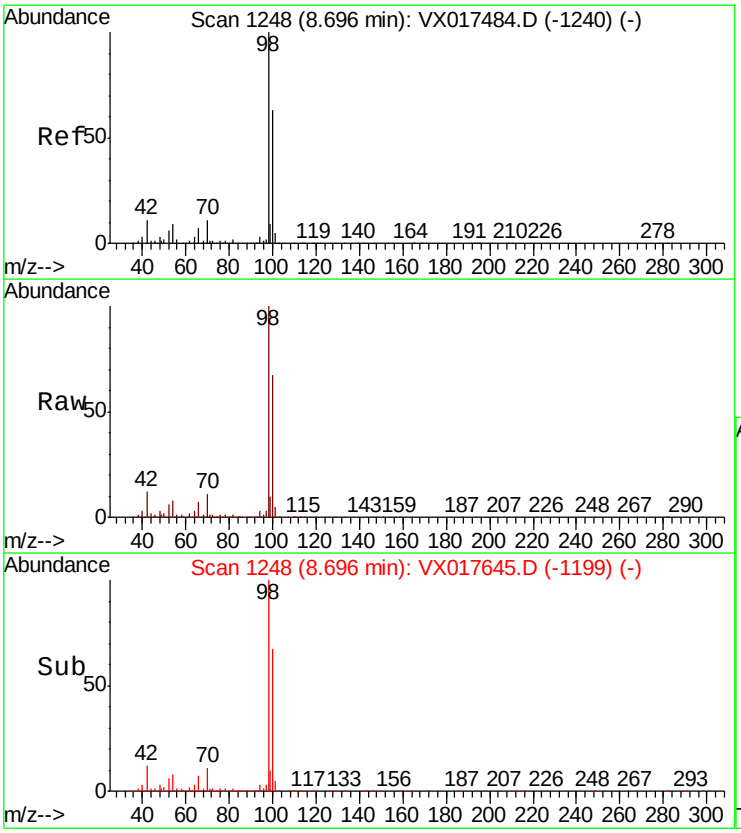
#49
1,4-Dioxane
Concen: 0.613 ug/l
RT: 7.69 min Scan# 1083
Delta R.T. -0.02 min
Lab File: VX017645.D
Acq: 28 Jul 2020 11:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 87

Ion	Ratio	Lower	Upper
88	100		
43	619.5	27.8	41.6#
58	404.6	58.3	87.5#

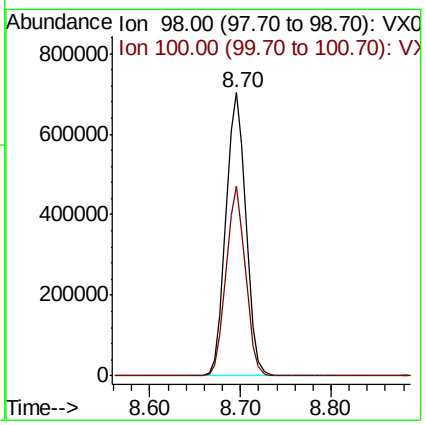


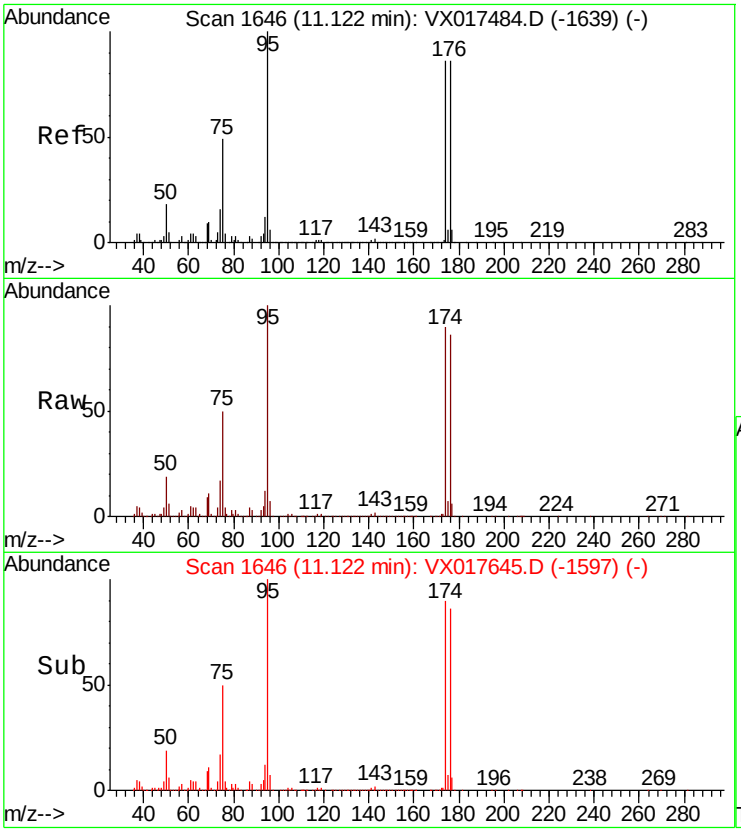


#50
Toluene-d8
Concen: 51.846 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017645.D
Acq: 28 Jul 2020 11:49

Tgt Ion: 98 Resp: 1079221

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.3	78.5



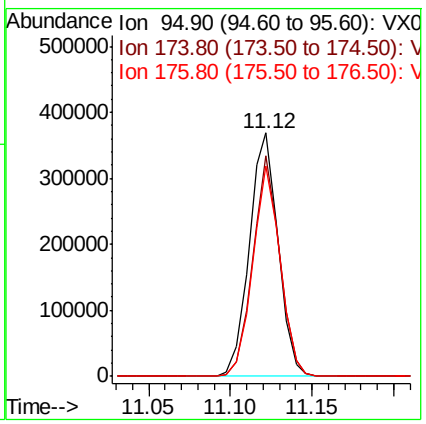


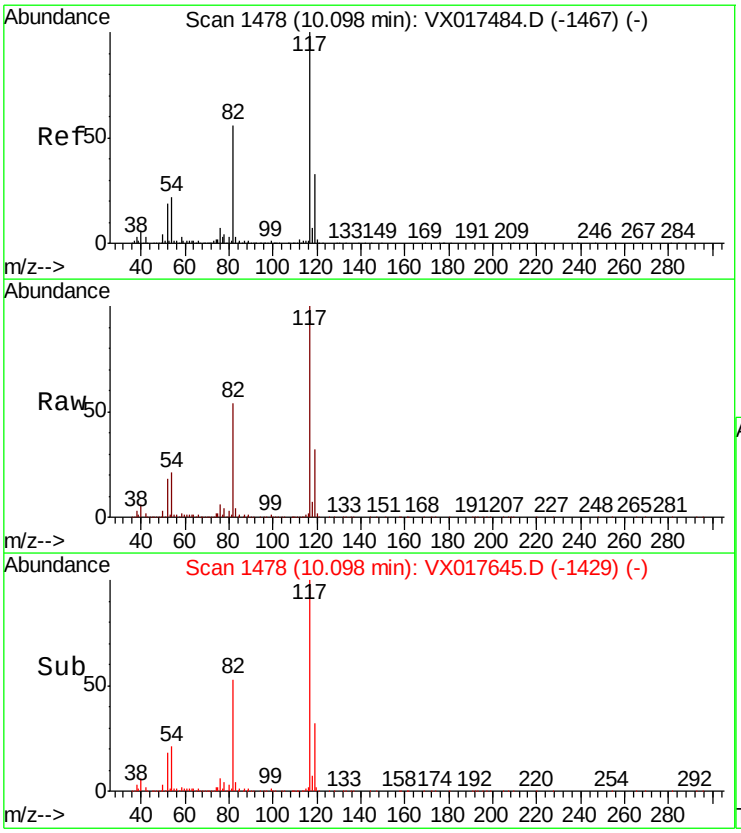
#62
4-Bromofluorobenzene
Concen: 54.500 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017645.D
Acq: 28 Jul 2020 11:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 454017

Ion	Ratio	Lower	Upper
95	100		
174	84.8	0.0	169.0
176	82.4	0.0	161.0

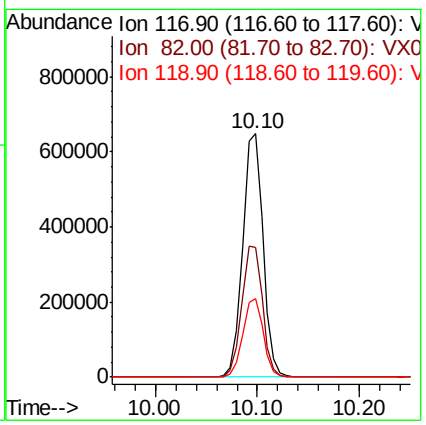


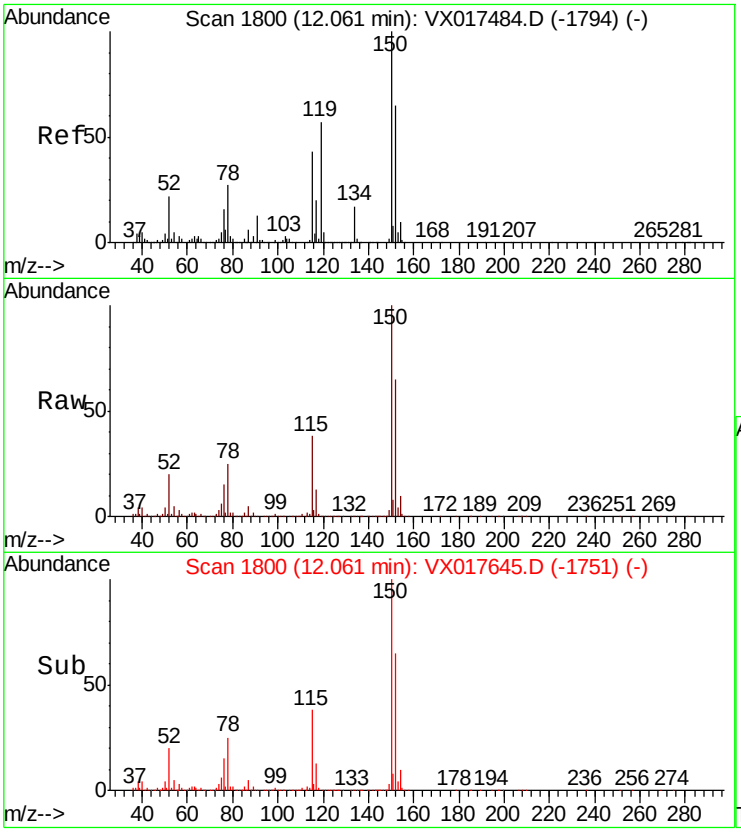


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017645.D
Acq: 28 Jul 2020 11:49

Tgt Ion:117 Resp: 896213

Ion	Ratio	Lower	Upper
117	100		
82	53.5	44.0	66.0
119	32.4	25.4	38.0



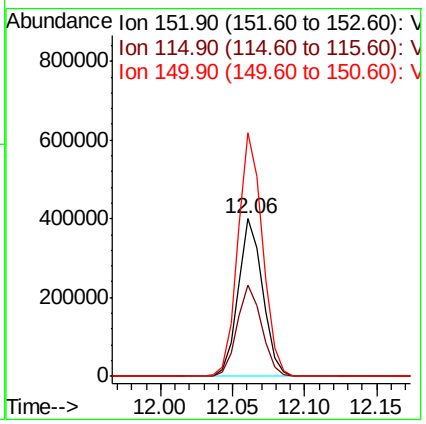


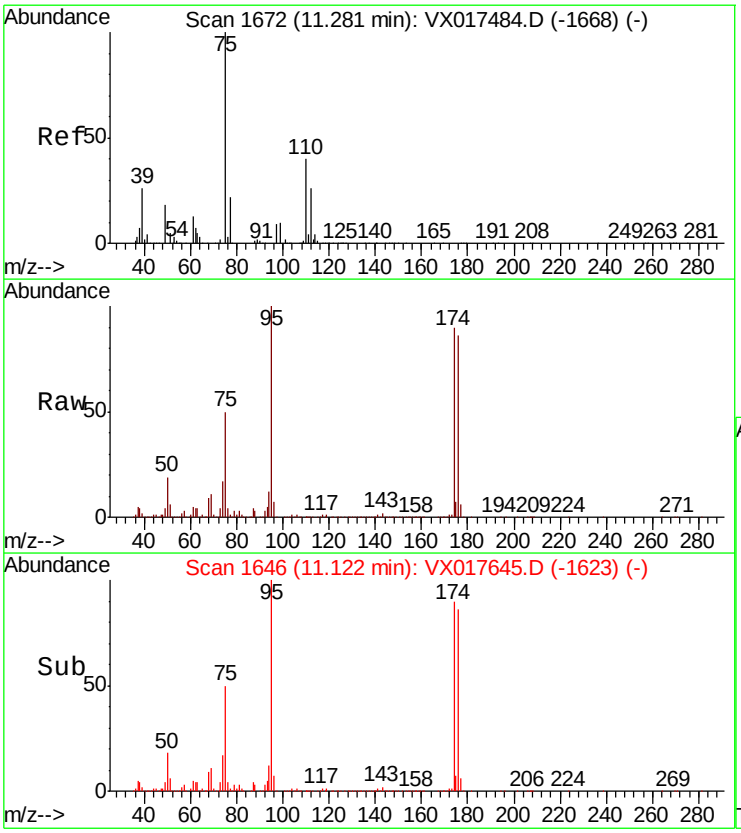
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017645.D
Acq: 28 Jul 2020 11:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 471145

Ion	Ratio	Lower	Upper
152	100		
115	58.6	65.5	196.6#
150	155.6	0.0	412.6

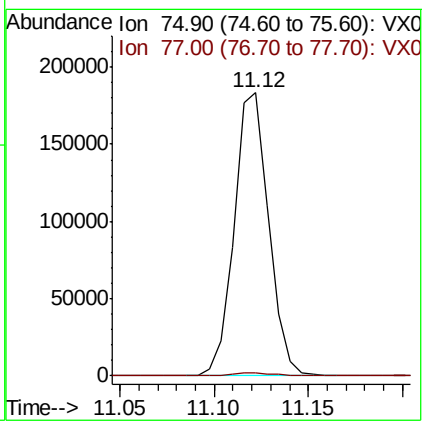


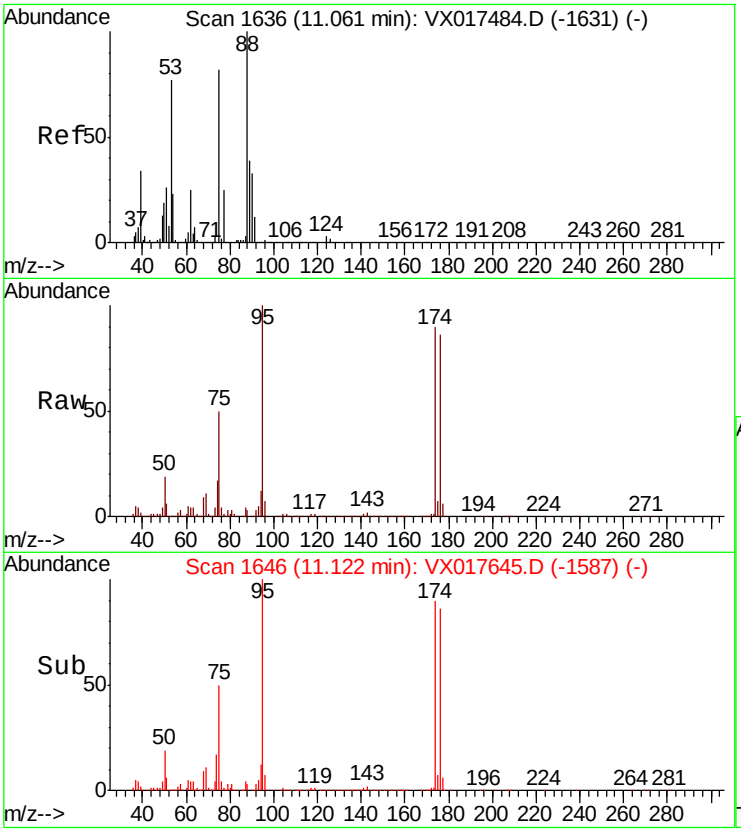


#76
1,2,3-Trichloropropane
Concen: 23.934 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX017645.D
Acq: 28 Jul 2020 11:49

Tgt Ion: 75 Resp: 231959

Ion	Ratio	Lower	Upper
75	100		
77	1.4	21.8	65.3#



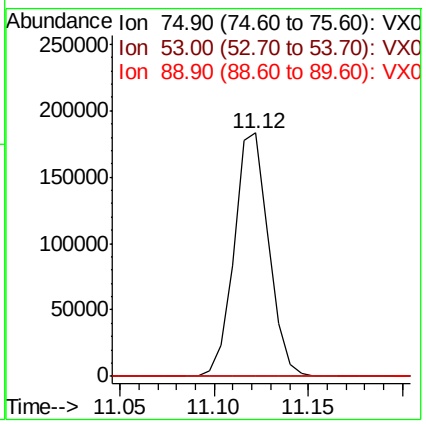


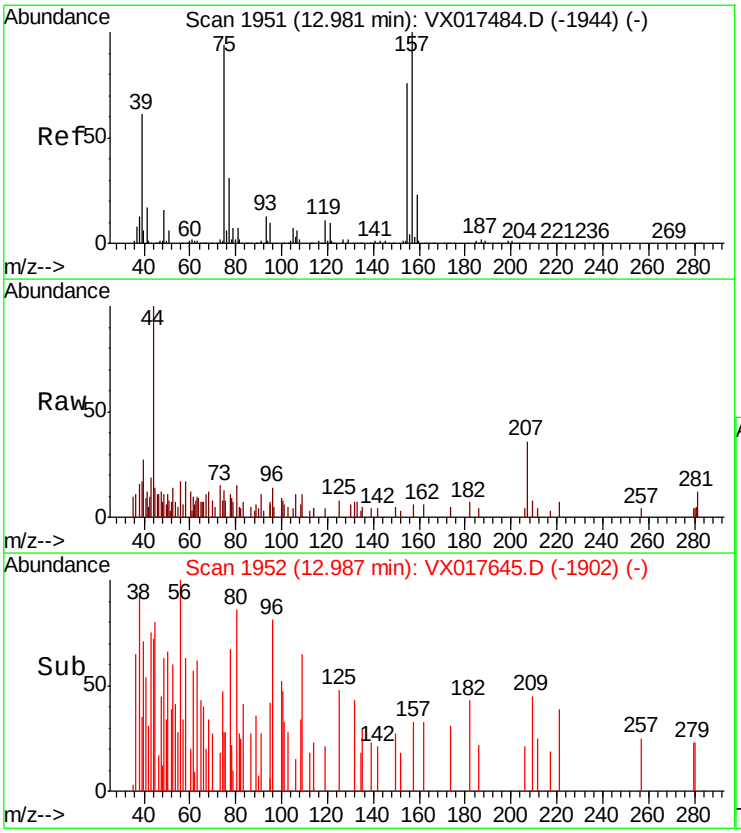
#81
trans-1,4-Dichloro-2-butene
Concen: 60.308 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX017645.D
Acq: 28 Jul 2020 11:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 231959

Ion	Ratio	Lower	Upper
75	100		
53	0.4	75.9	113.9#
89	0.0	37.8	56.6#

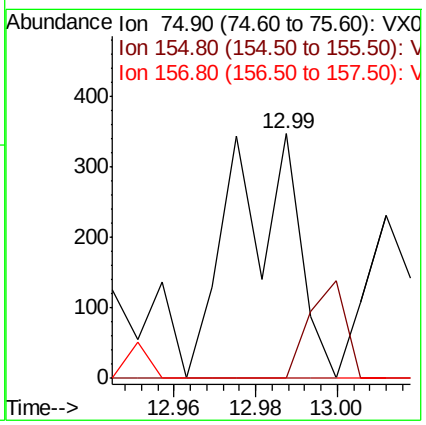


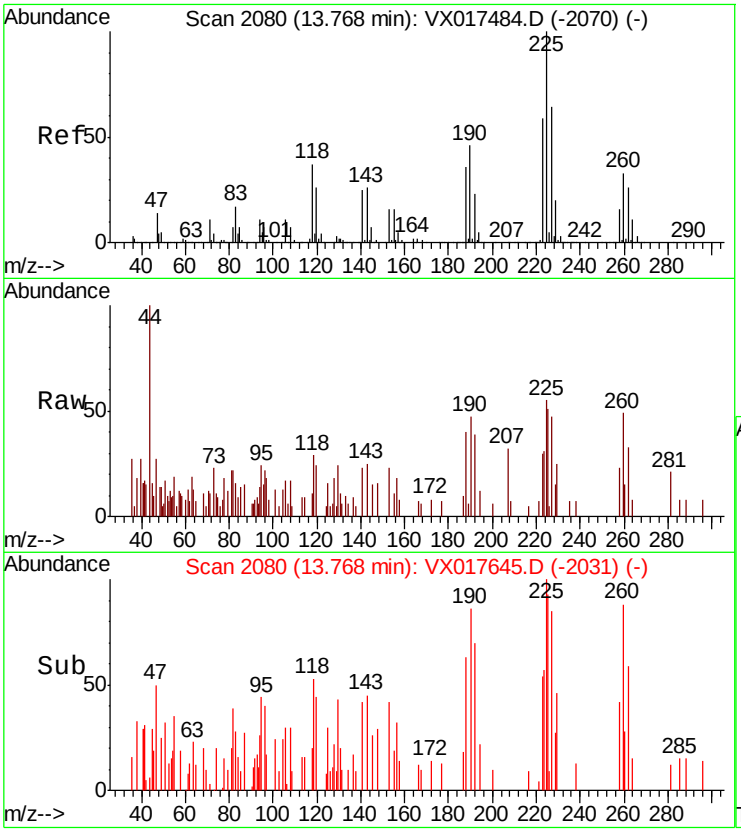


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.704 ug/l
RT: 12.99 min Scan# 1952
Delta R.T. 0.01 min
Lab File: VX017645.D
Acq: 28 Jul 2020 11:49

Tgt Ion: 75 Resp: 382

Ion	Ratio	Lower	Upper
75	100		
155	0.0	42.3	126.8#
157	0.0	54.3	162.9#





#94
Hexachlorobutadiene
Concen: 0.314 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX017645.D
Acq: 28 Jul 2020 11:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:225 Resp: 1508

Ion	Ratio	Lower	Upper
225	100		
223	63.3	30.3	90.9
227	55.4	31.1	93.2