Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
Data File : VX020097.D
Acq On : 17 Dec 2020 04:21
Operator : JC/MD
Sample : L5088-22
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TR3-D-BOTTOM

Quant Time: Dec 17 06:11:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	297487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	501033	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	469930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	200726	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	196921	50.37	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.74%			
35) Dibromofluoromethane	5.46	113	157029	48.49	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.98%			
50) Toluene-d8	8.70	98	624971	50.55	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.10%			
62) 4-Bromofluorobenzene	11.12	95	216927	46.10	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.20%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	673	0.600	ug/l #	77
11) Tert butyl alcohol	3.00	59	1659	Below Cal	#	81
13) Acrolein	2.28	56	155	0.359	ug/l #	1
16) Acetone	2.42	43	31941	21.734	ug/l	99
18) Methyl Acetate	2.75	43	2334	0.649	ug/l	96
20) Methylene Chloride	2.84	84	29689	7.644	ug/l	97
25) 2-Butanone	4.64	43	5240	2.320	ug/l	92
29) Tetrahydrofuran	5.12	42	939	0.645	ug/l #	78
31) Cyclohexane	5.64	56	5917	1.217	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	23064	5.094	ug/l #	48
38) Carbon Tetrachloride	5.63	117	28639	6.460	ug/l #	16
41) Methacrylonitrile	5.10	41	747	0.298	ug/l #	44
43) Isopropyl Acetate	6.41	43	22678	3.051	ug/l	98
48) Methyl methacrylate	7.65	41	7223	1.976	ug/l #	10
49) 1,4-Dioxane	7.85	88	195	2.202	ug/l #	1
51) 4-Methyl-2-Pentanone	8.59	43	83638	18.433	ug/l #	47
52) Toluene	8.76	92	1906	0.220	ug/l	93
54) cis-1,3-Dichloropropene	8.59	75	43672	7.821	ug/l #	62
57) 1,3-Dichloropropane	9.52	76	24129	4.054	ug/l #	43
59) 2-Hexanone	9.52	43	299202	85.070	ug/l #	47
76) 1,2,3-Trichloropropane	11.12	75	105950	23.534	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.12	75	105950	68.033	ug/l #	12

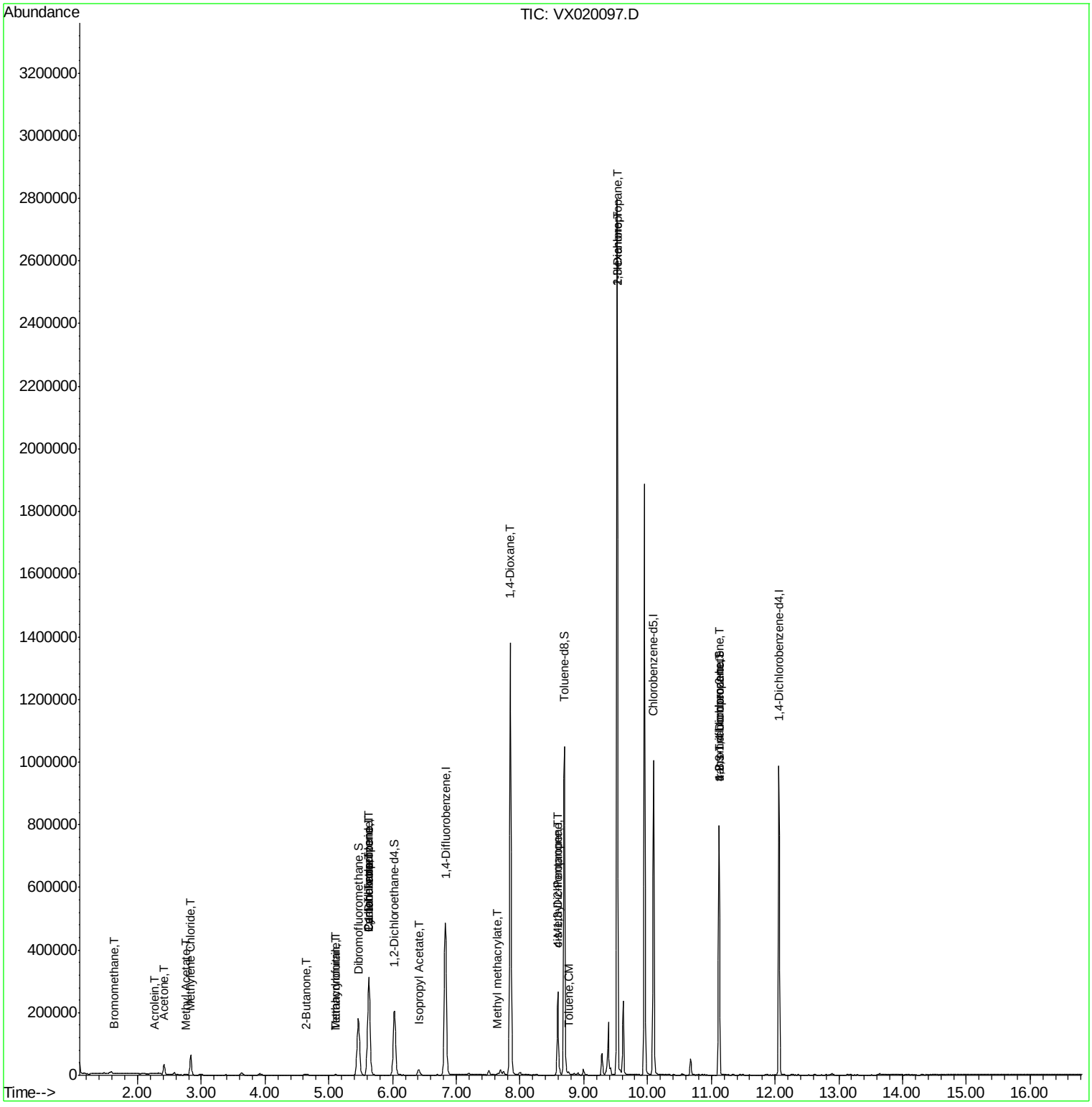
(#) = qualifier out of range (m) = manual integration (+) = signals summed

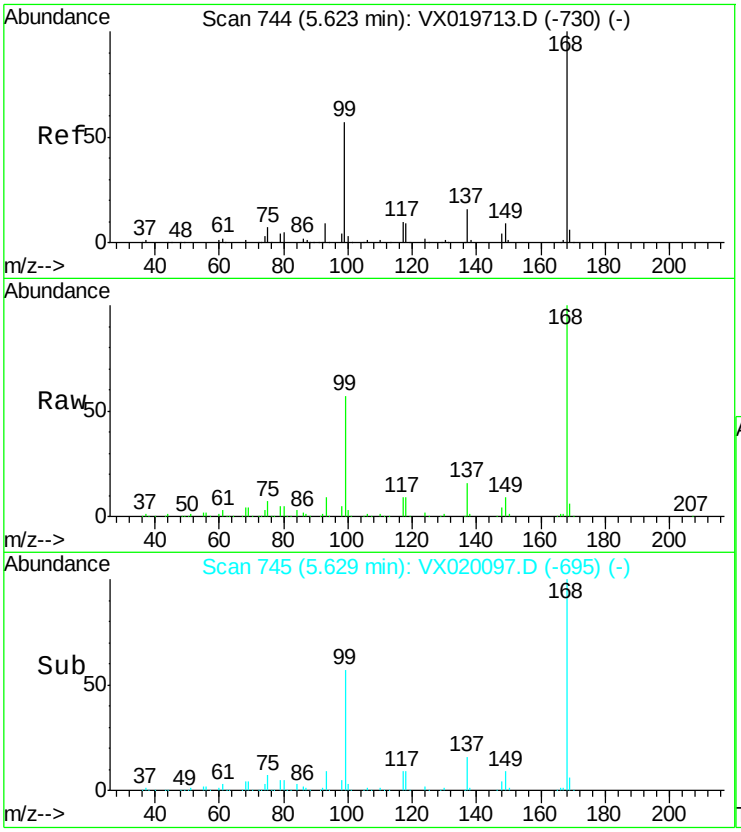
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
Data File : VX020097.D
Acq On : 17 Dec 2020 04:21
Operator : JC/MD
Sample : L5088-22
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TR3-D-BOTTOM

Quant Time: Dec 17 06:11:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration



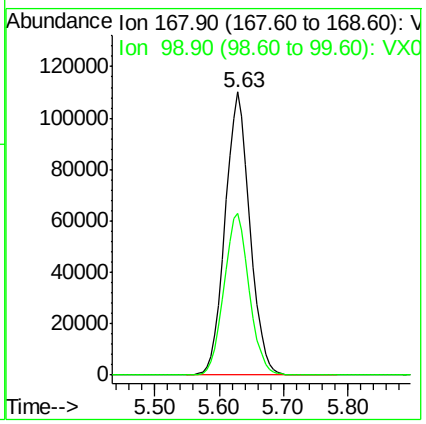


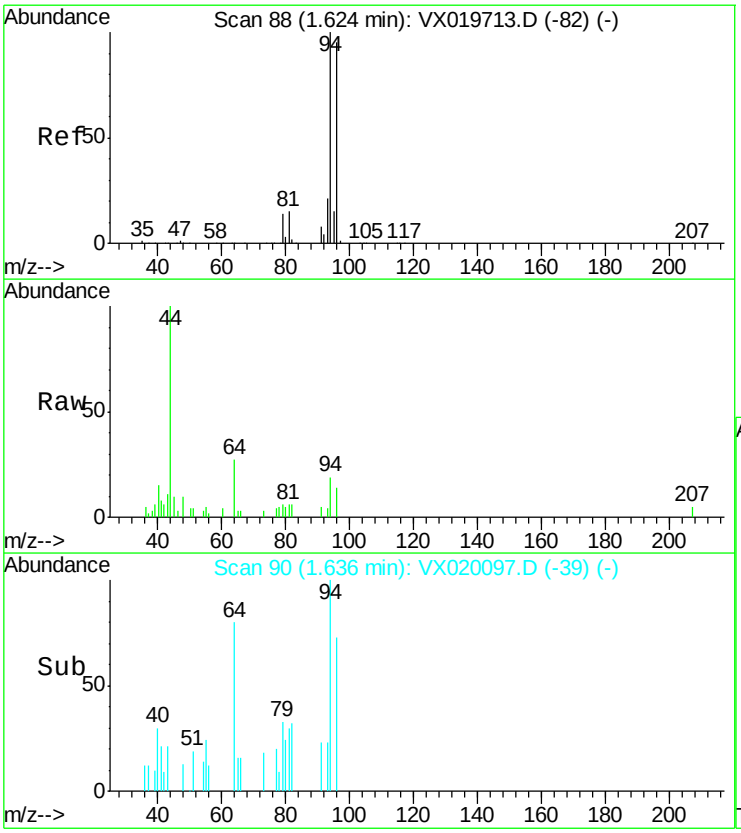
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.01 min
Lab File: VX020097.D
Acq: 17 Dec 2020 04:21

Instrument :
MSVOA_X
ClientSampleId :
TR3-D-BOTTOM

Tgt Ion:168 Resp: 297487

Ion	Ratio	Lower	Upper
168	100		
99	57.0	45.8	68.6

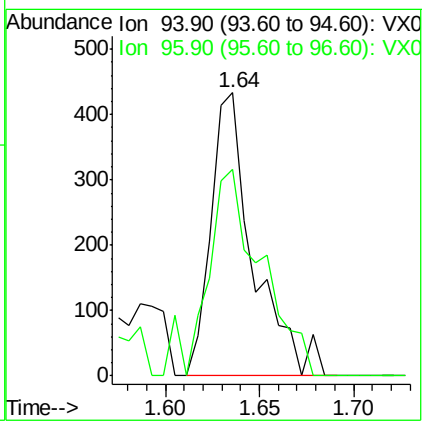


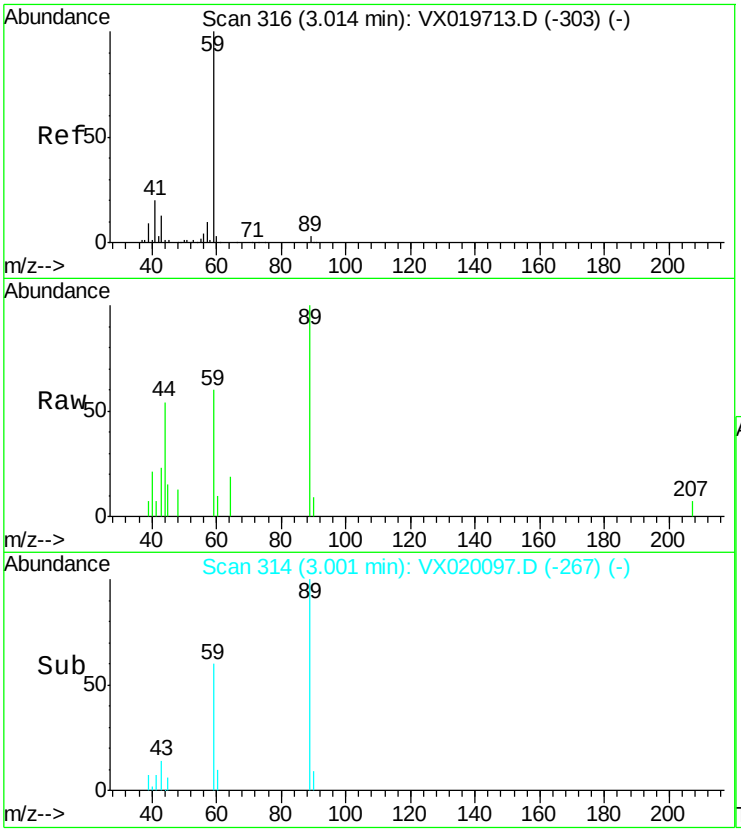


#5
Bromomethane
Concen: 0.600 ug/l
RT: 1.64 min Scan# 90
Delta R.T. 0.01 min
Lab File: VX020097.D
Acq: 17 Dec 2020 04:21

Tgt Ion: 94 Resp: 673

Ion	Ratio	Lower	Upper
94	100		
96	73.2	76.4	114.6#



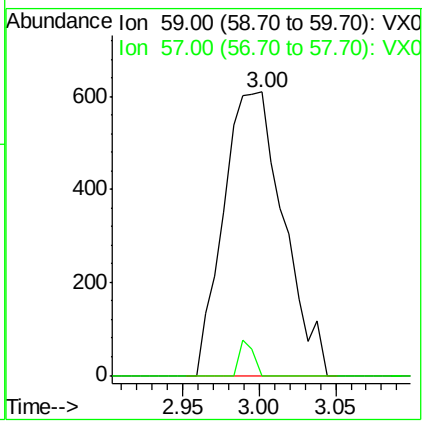


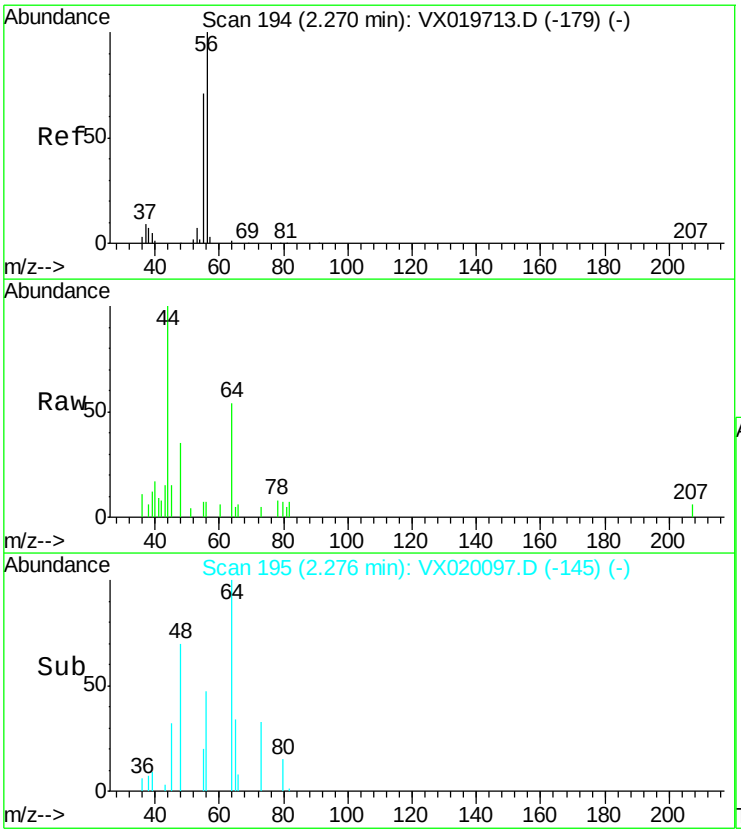
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.00 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX020097.D
Acq: 17 Dec 2020 04:21

Instrument :
MSVOA_X
ClientSampleId :
TR3-D-BOTTOM

Tgt Ion: 59 Resp: 1659

Ion	Ratio	Lower	Upper
59	100		
57	2.9	7.8	11.8#

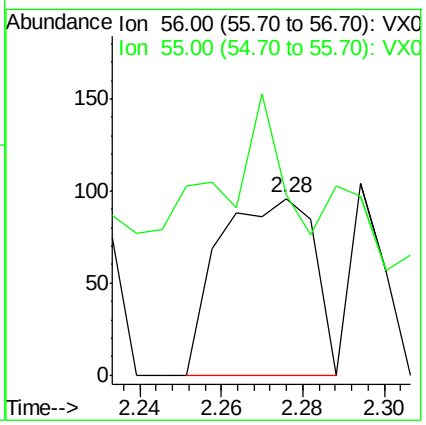


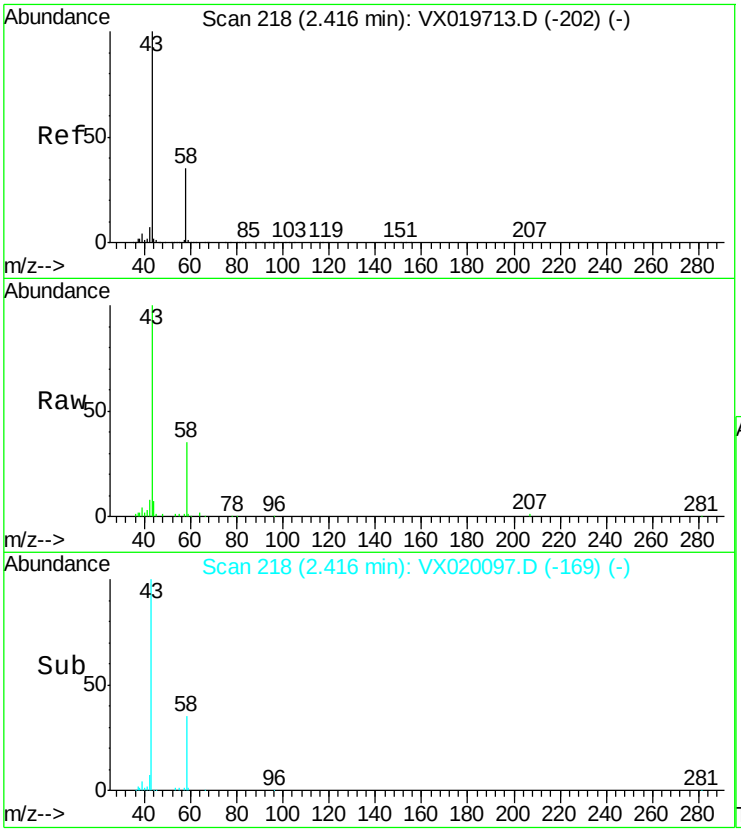


#13
Acrolein
Concen: 0.359 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX020097.D
Acq: 17 Dec 2020 04:21

Tgt Ion: 56 Resp: 155

Ion	Ratio	Lower	Upper
56	100		
55	254.2	56.4	84.6#



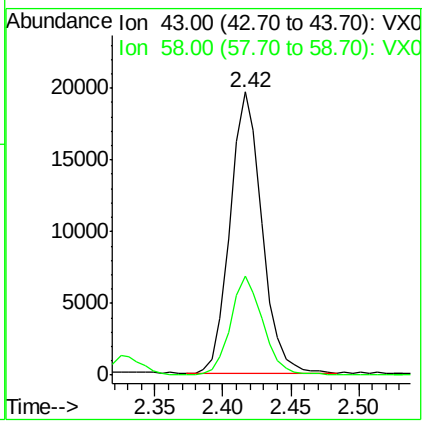


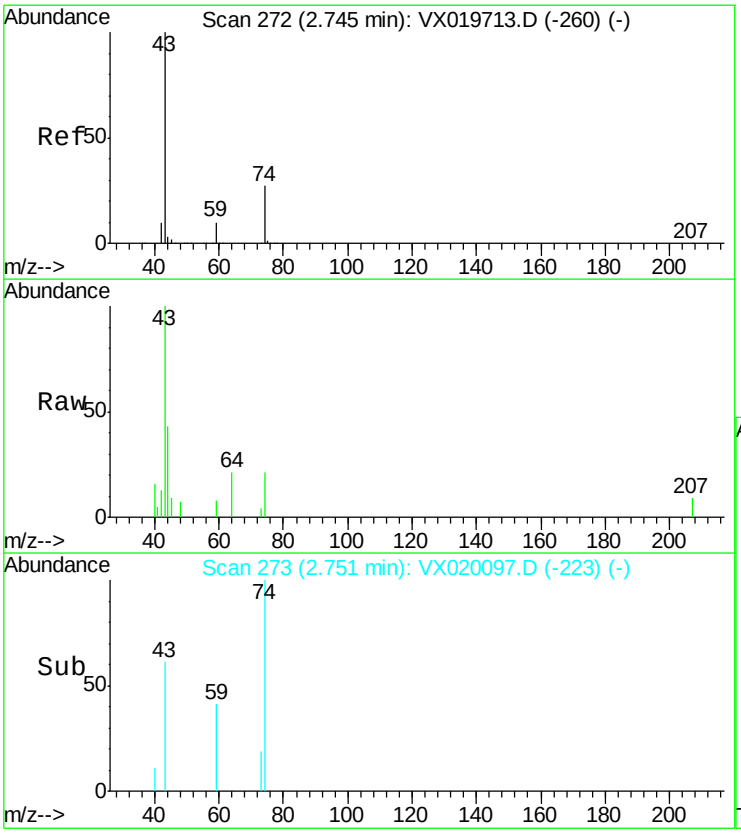
#16
Acetone
Concen: 21.734 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX020097.D
Acq: 17 Dec 2020 04:21

Instrument :
MSVOA_X
ClientSampleId :
TR3-D-BOTTOM

Tgt Ion: 43 Resp: 31941

Ion	Ratio	Lower	Upper
43	100		
58	35.2	27.8	41.8

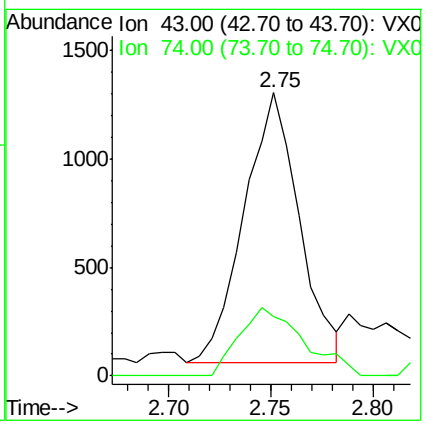


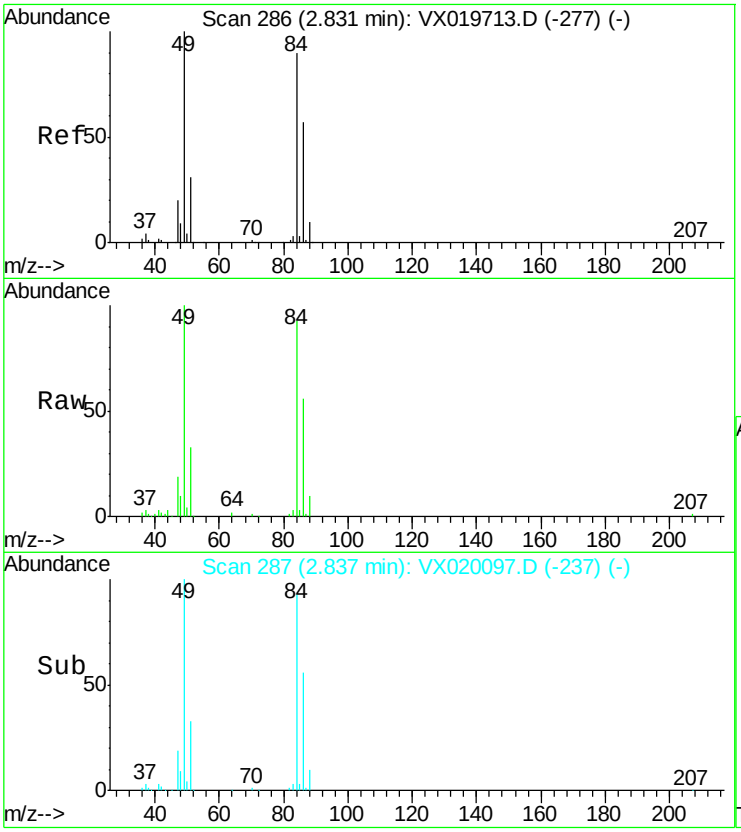


#18
Methyl Acetate
Concen: 0.649 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX020097.D
Acq: 17 Dec 2020 04:21

Tgt Ion: 43 Resp: 2334

Ion	Ratio	Lower	Upper
43	100		
74	29.6	21.9	32.9



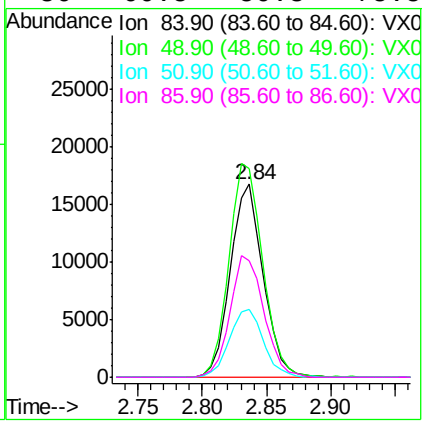


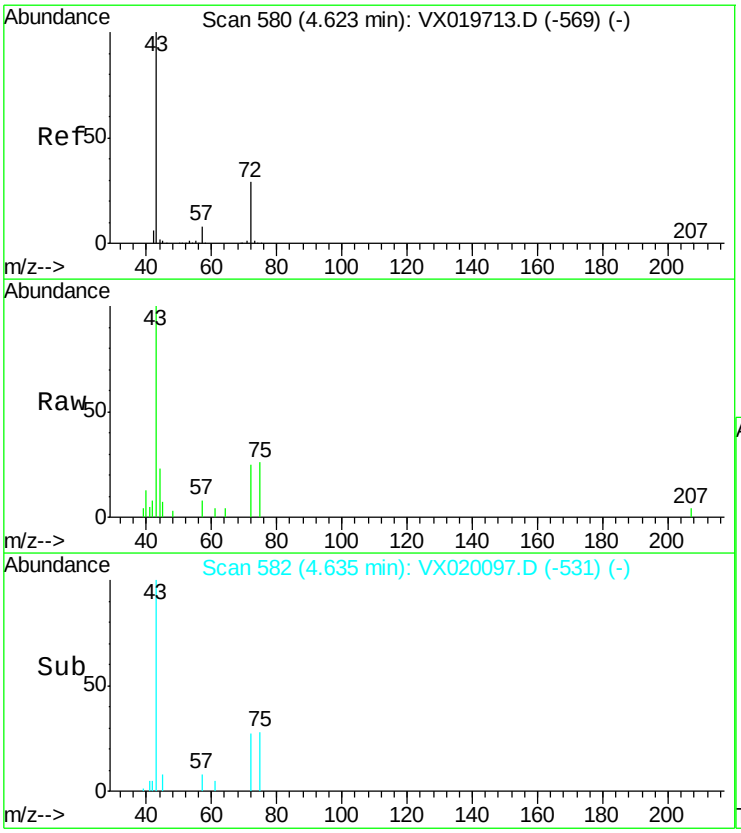
#20
Methylene Chloride
Concen: 7.644 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX020097.D
Acq: 17 Dec 2020 04:21

Instrument :
MSVOA_X
ClientSampleId :
TR3-D-BOTTOM

Tgt Ion: 84 Resp: 29689

Ion	Ratio	Lower	Upper
84	100		
49	107.8	88.6	132.8
51	35.3	27.0	40.6
86	60.5	50.3	75.5

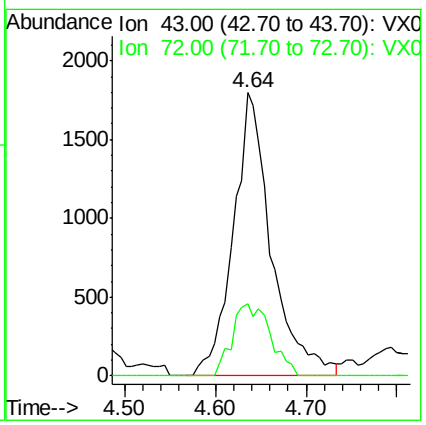


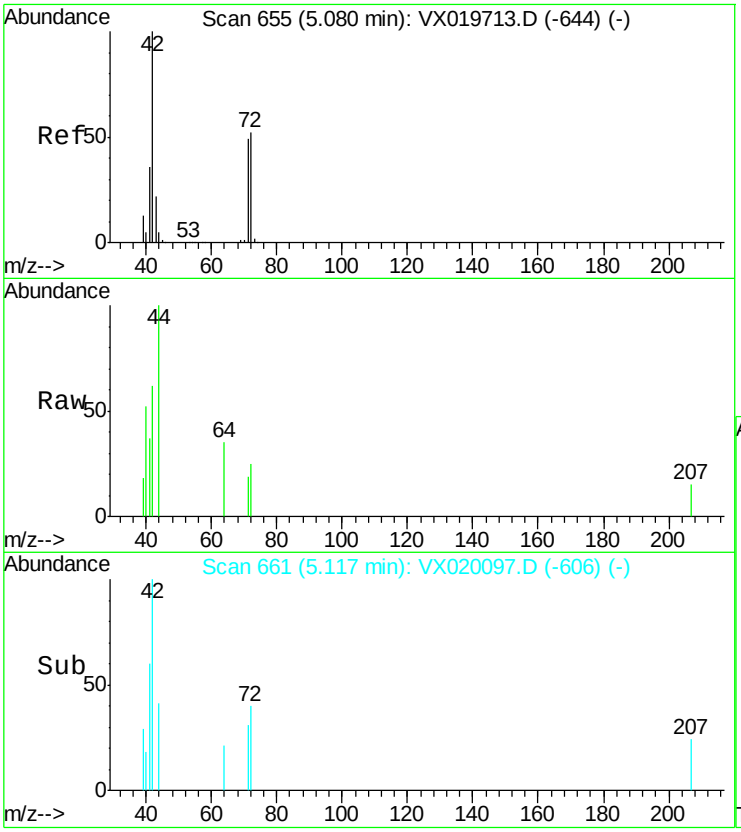


#25
2-Butanone
Concen: 2.320 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX020097.D
Acq: 17 Dec 2020 04:21

Tgt Ion: 43 Resp: 5240

Ion	Ratio	Lower	Upper
43	100		
72	25.4	23.7	35.5



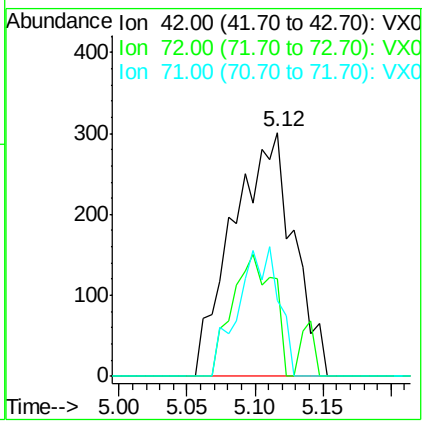


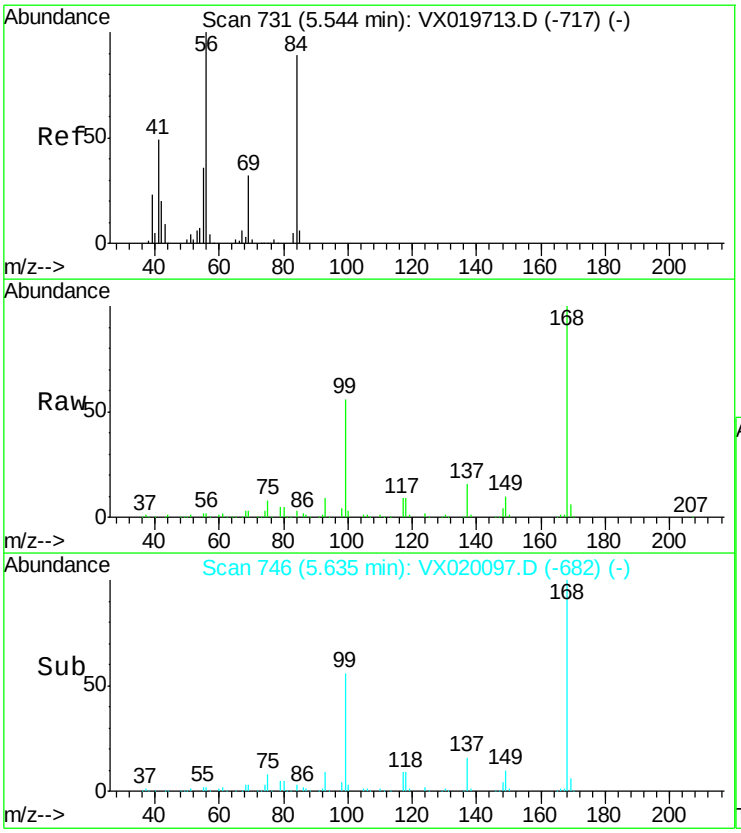
#29
Tetrahydrofuran
Concen: 0.645 ug/l
RT: 5.12 min Scan# 661
Delta R.T. 0.04 min
Lab File: VX020097.D
Acq: 17 Dec 2020 04:21

Instrument :
MSVOA_X
ClientSampleId :
TR3-D-BOTTOM

Tgt Ion: 42 Resp: 939

Ion	Ratio	Lower	Upper
42	100		
72	34.1	41.7	62.5#
71	35.3	38.4	57.6#

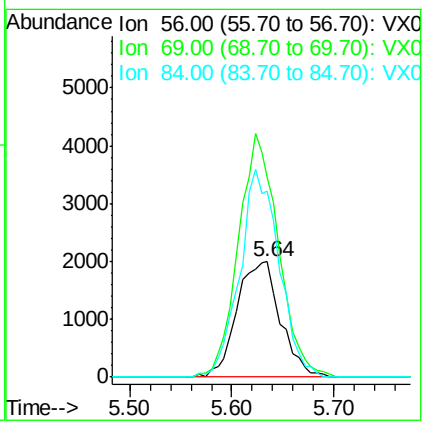


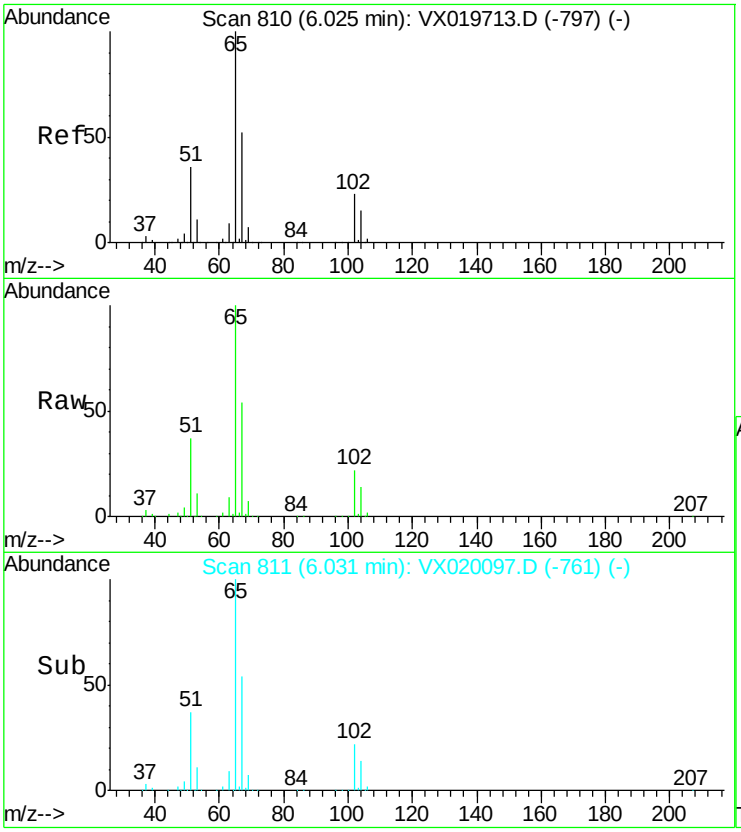


#31
Cyclohexane
Concen: 1.217 ug/l
RT: 5.64 min Scan# 746
Delta R.T. 0.09 min
Lab File: VX020097.D
Acq: 17 Dec 2020 04:21

Tgt Ion: 56 Resp: 5917

Ion	Ratio	Lower	Upper
56	100		
69	173.7	25.3	37.9#
84	160.9	71.4	107.0#



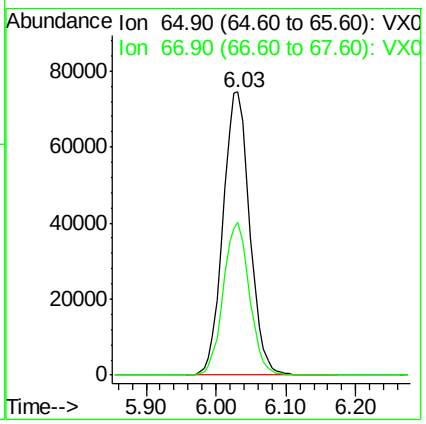


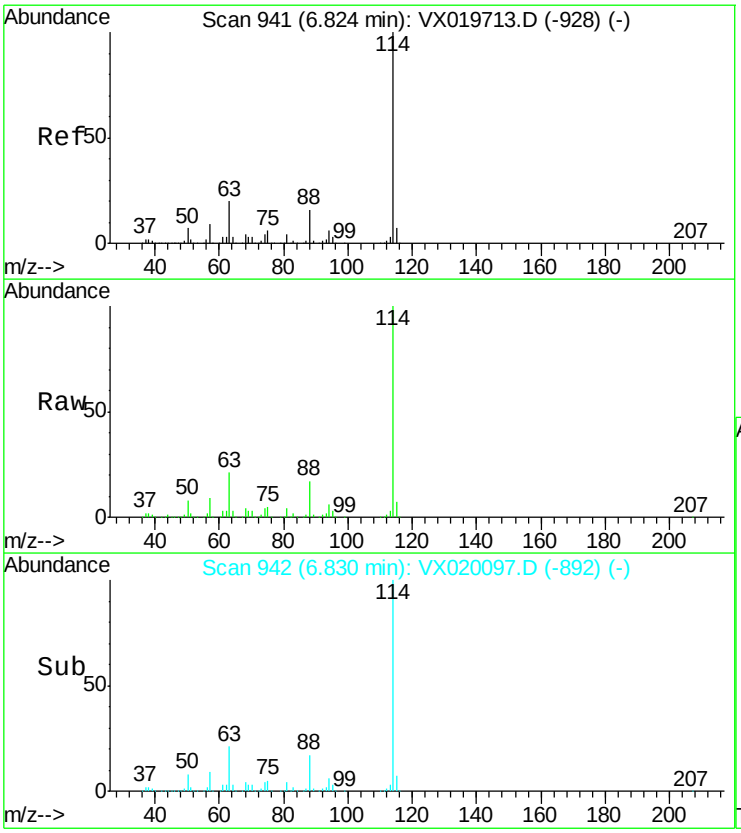
#33
1,2-Dichloroethane-d4
Concen: 50.365 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.01 min
Lab File: VX020097.D
Acq: 17 Dec 2020 04:21

Instrument :
MSVOA_X
ClientSampleId :
TR3-D-BOTTOM

Tgt Ion: 65 Resp: 196921

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.4

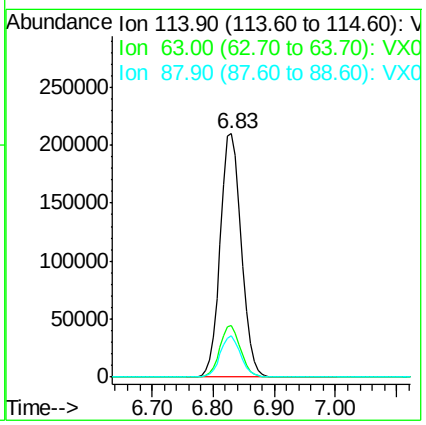


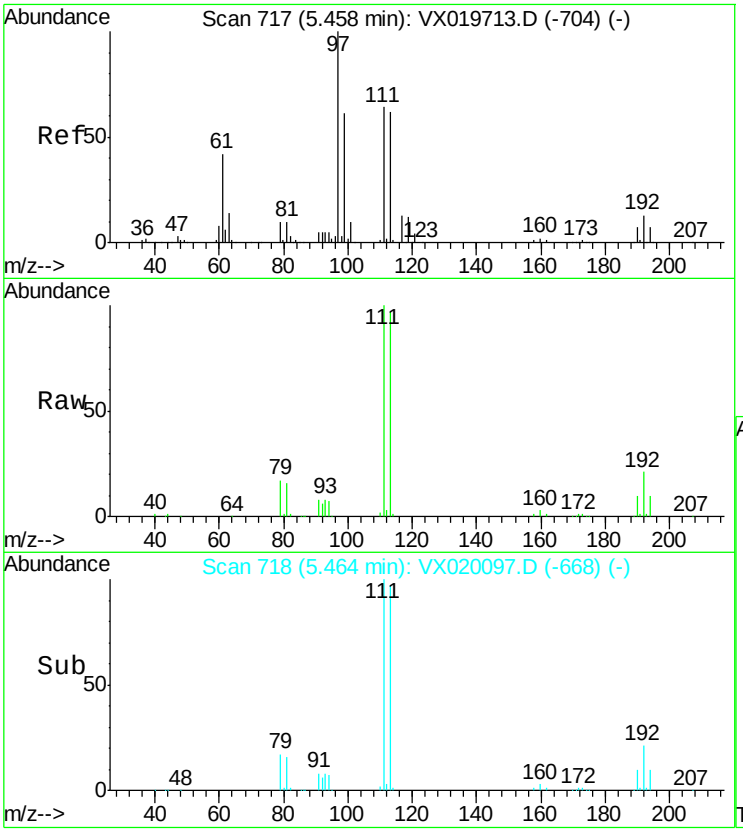


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX020097.D
Acq: 17 Dec 2020 04:21

Tgt Ion:114 Resp: 501033

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	40.8
88	17.0	0.0	32.8



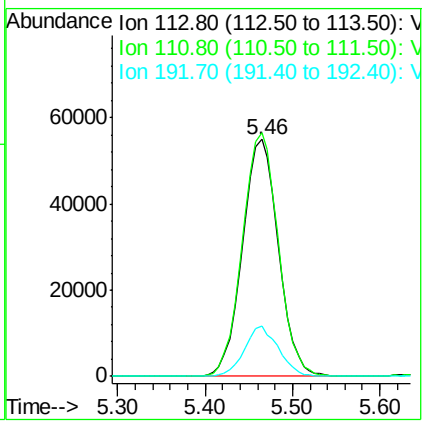


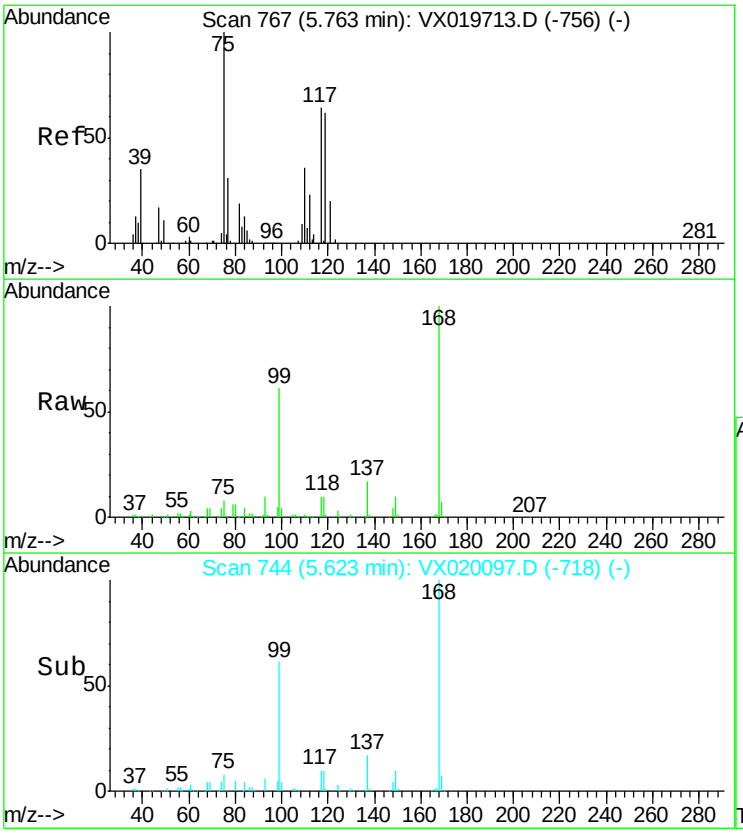
#35
Dibromofluoromethane
Concen: 48.494 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX020097.D
Acq: 17 Dec 2020 04:21

Instrument :
MSVOA_X
ClientSampleId :
TR3-D-BOTTOM

Tgt Ion:113 Resp: 157029

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.9	122.9
192	20.3	16.7	25.1

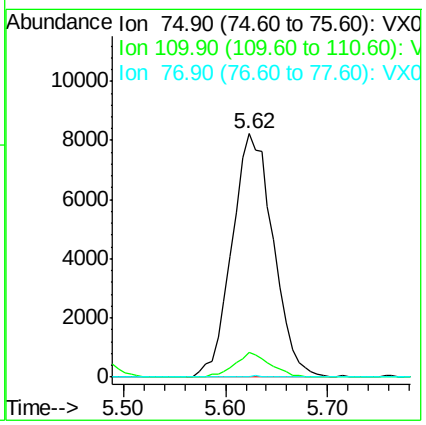


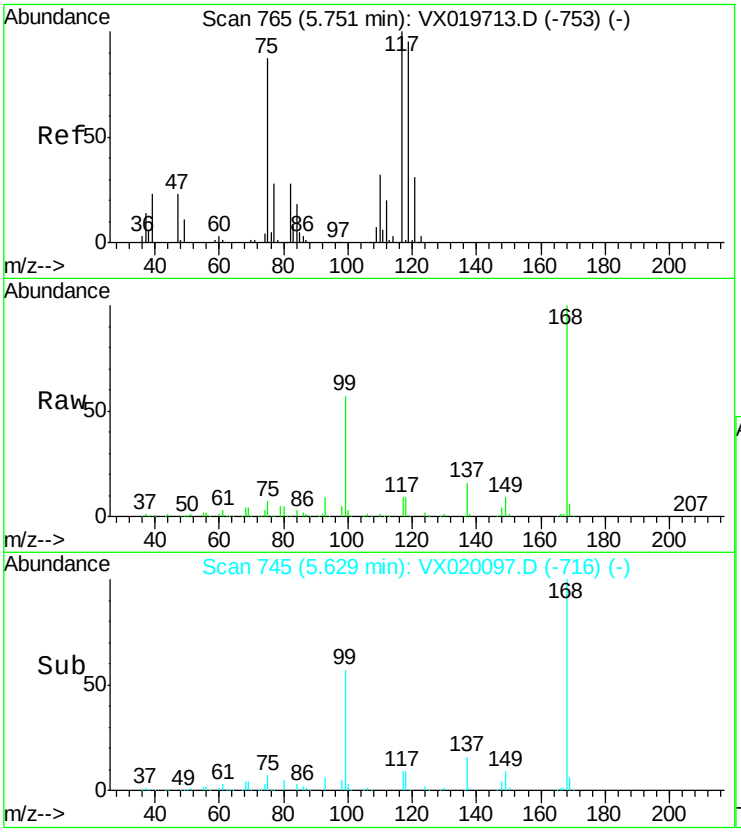


#36
1,1-Dichloropropene
Concen: 5.094 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.14 min
Lab File: VX020097.D
Acq: 17 Dec 2020 04:21

Tgt Ion: 75 Resp: 23064

Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.1	54.4#
77	0.1	25.3	37.9#



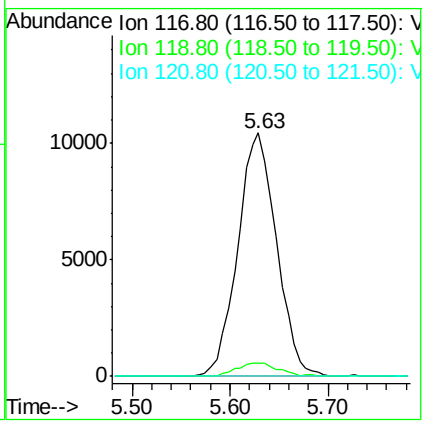


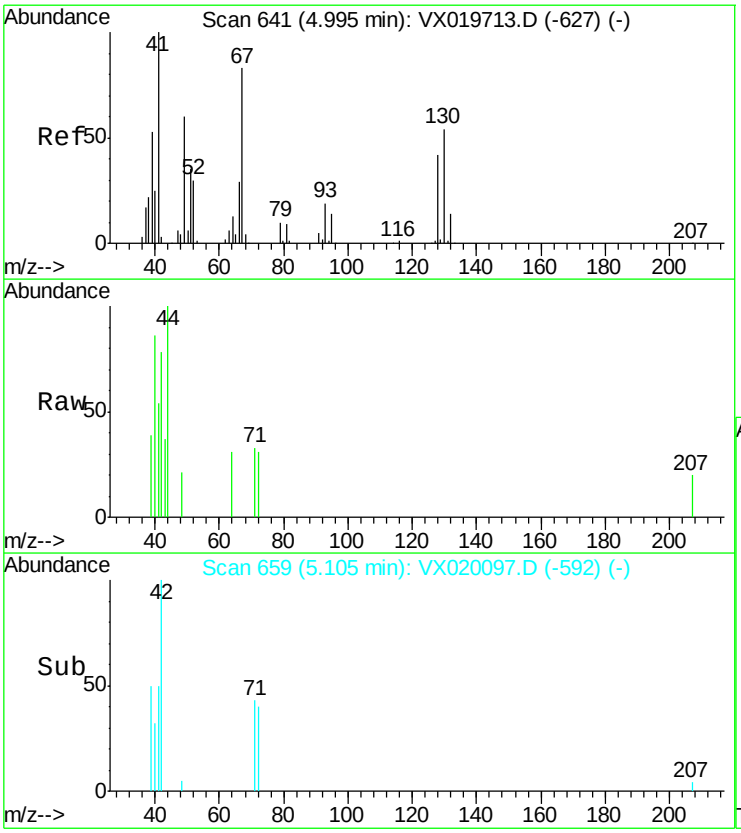
#38
Carbon Tetrachloride
Concen: 6.460 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX020097.D
Acq: 17 Dec 2020 04:21

Instrument :
MSVOA_X
ClientSampleId :
TR3-D-BOTTOM

Tgt Ion:117 Resp: 28639

Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.2	114.2#
121	0.0	24.8	37.2#

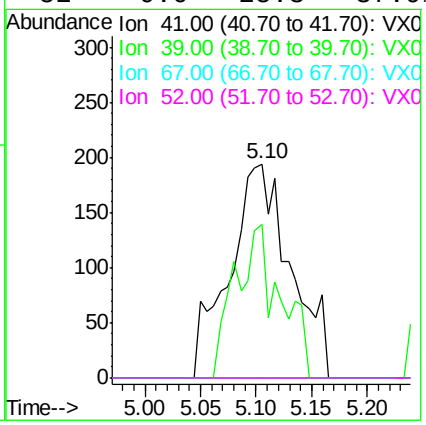


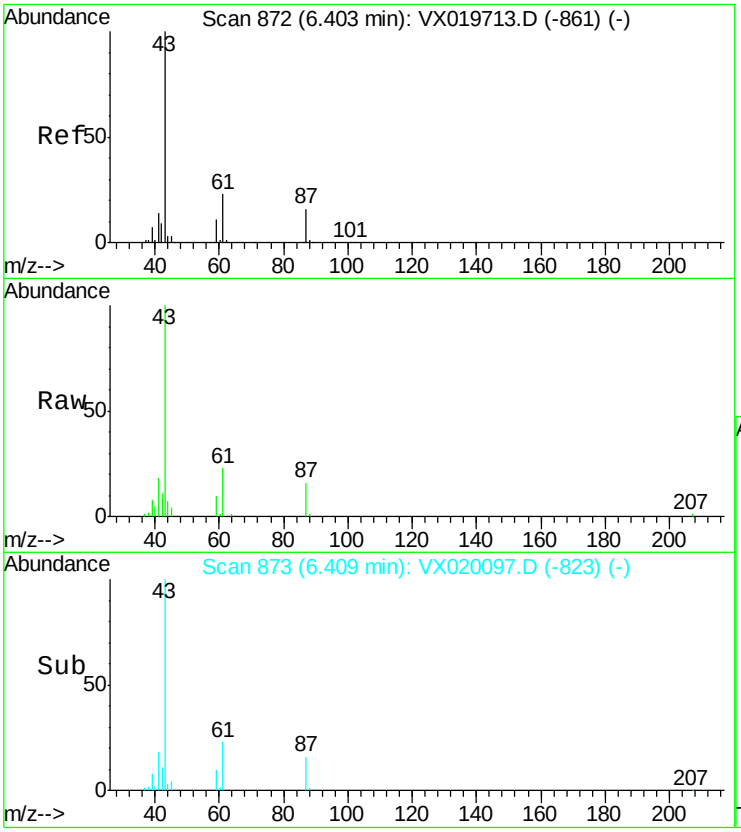


#41
Methacrylonitrile
Concen: 0.298 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.11 min
Lab File: VX020097.D
Acq: 17 Dec 2020 04:21

Tgt Ion: 41 Resp: 747

Ion	Ratio	Lower	Upper
41	100		
39	52.3	42.5	63.7
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



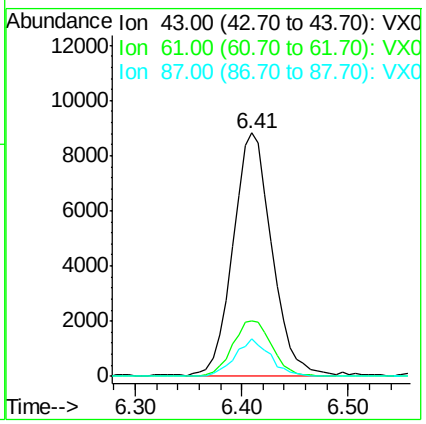


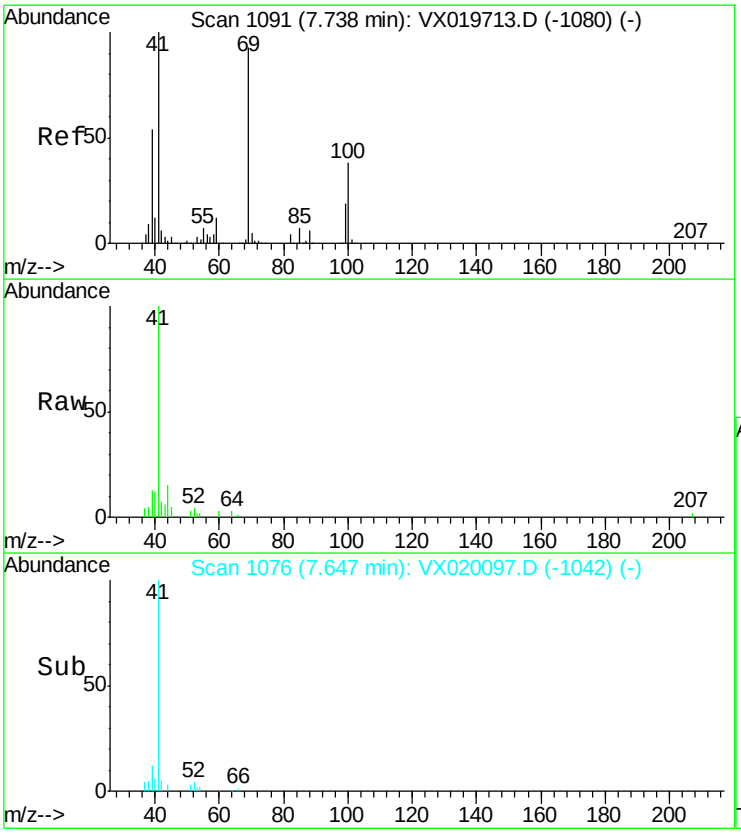
#43
Isopropyl Acetate
Concen: 3.051 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.01 min
Lab File: VX020097.D
Acq: 17 Dec 2020 04:21

Instrument :
MSVOA_X
ClientSampleId :
TR3-D-BOTTOM

Tgt Ion: 43 Resp: 22678

Ion	Ratio	Lower	Upper
43	100		
61	23.0	18.2	27.4
87	13.9	12.5	18.7

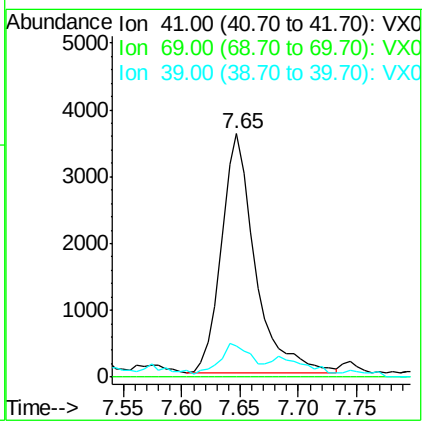


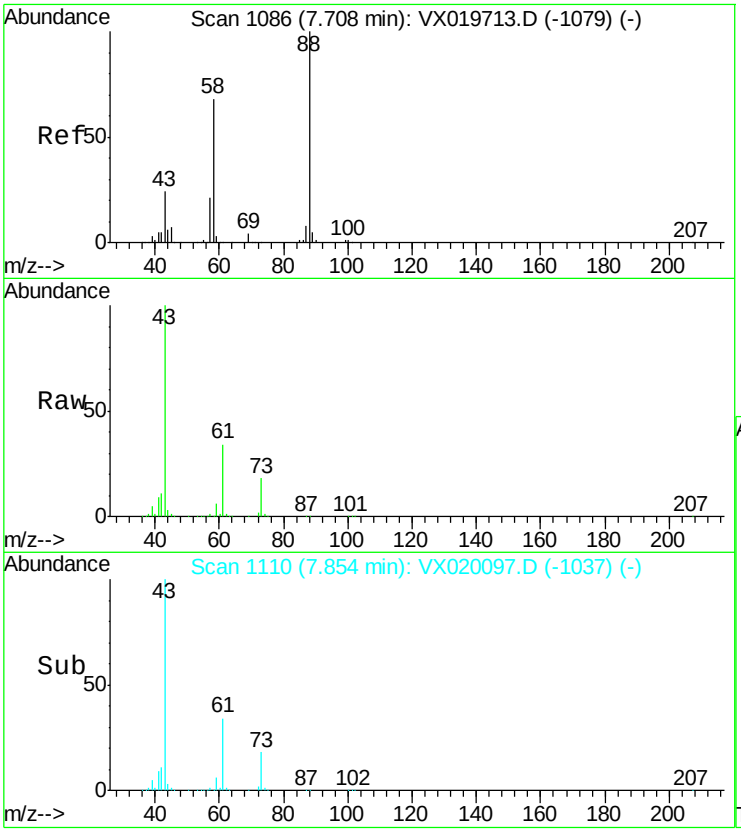


#48
Methyl methacrylate
Concen: 1.976 ug/l
RT: 7.65 min Scan# 1076
Delta R.T. -0.09 min
Lab File: VX020097.D
Acq: 17 Dec 2020 04:21

Tgt Ion: 41 Resp: 7223

Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#



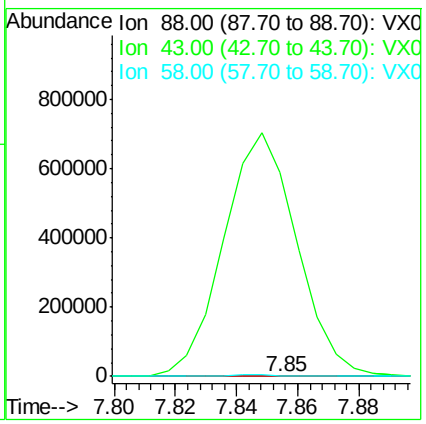


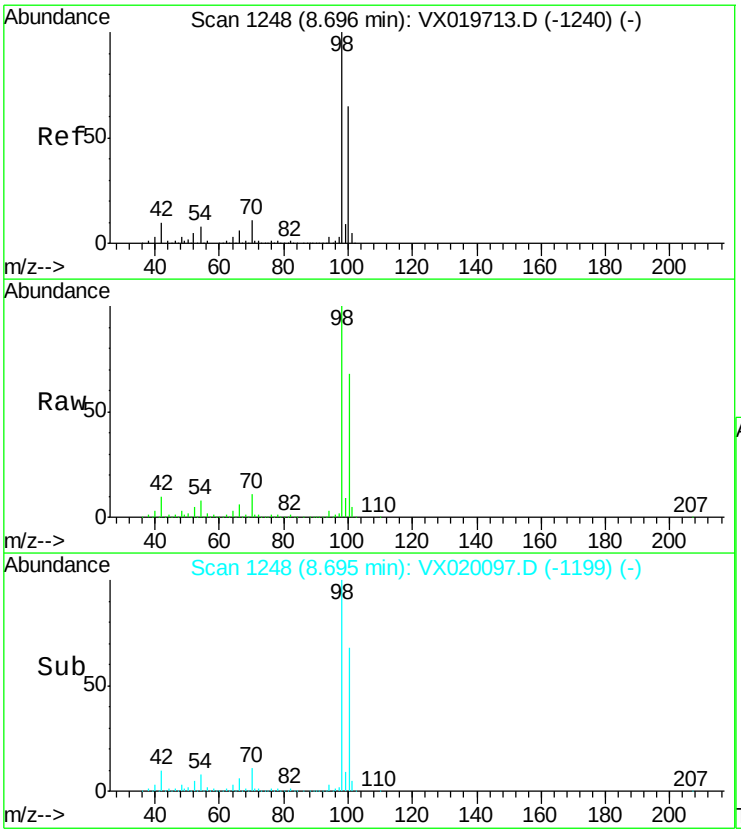
#49
1,4-Dioxane
Concen: 2.202 ug/l
RT: 7.85 min Scan# 1110
Delta R.T. 0.15 min
Lab File: VX020097.D
Acq: 17 Dec 2020 04:21

Instrument :
MSVOA_X
ClientSampleId :
TR3-D-BOTTOM

Tgt Ion: 88 Resp: 195

Ion	Ratio	Lower	Upper
88	100		
43	601777.4	23.2	34.8#
58	3257.9	55.0	82.4#

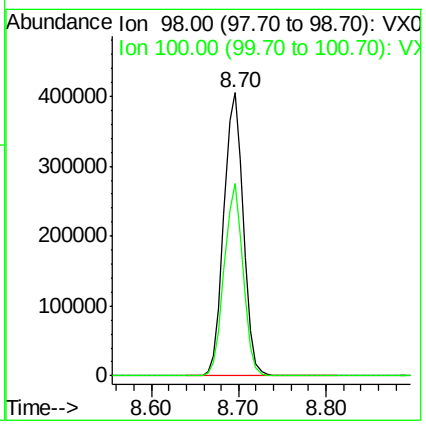


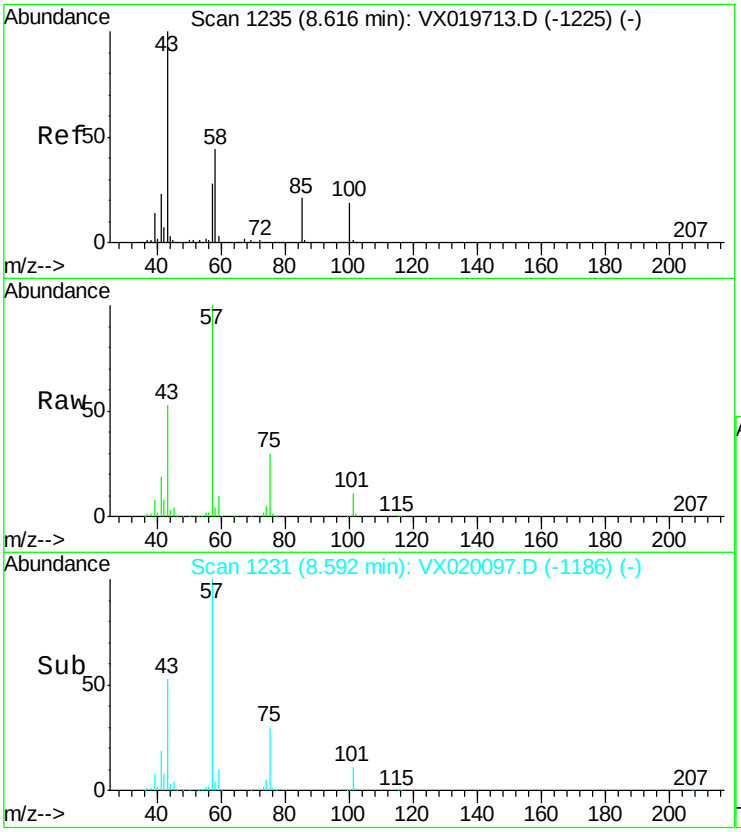


#50
Toluene-d8
Concen: 50.555 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX020097.D
Acq: 17 Dec 2020 04:21

Tgt Ion: 98 Resp: 624971

Ion	Ratio	Lower	Upper
98	100		
100	66.0	51.9	77.9



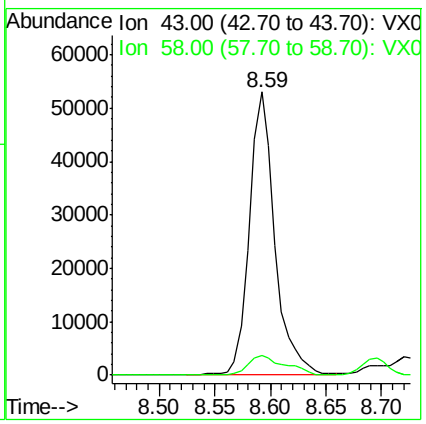


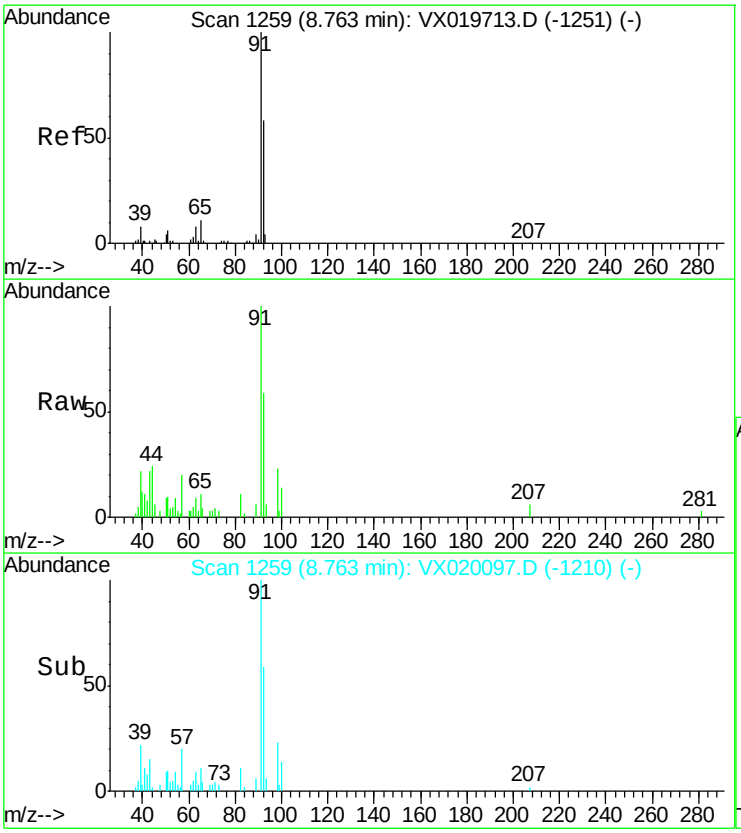
#51
4-Methyl-2-Pentanone
Concen: 18.433 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VX020097.D
Acq: 17 Dec 2020 04:21

Instrument :
MSVOA_X
ClientSampleId :
TR3-D-BOTTOM

Tgt Ion: 43 Resp: 83638

Ion	Ratio	Lower	Upper
43	100		
58	10.1	35.4	53.0#

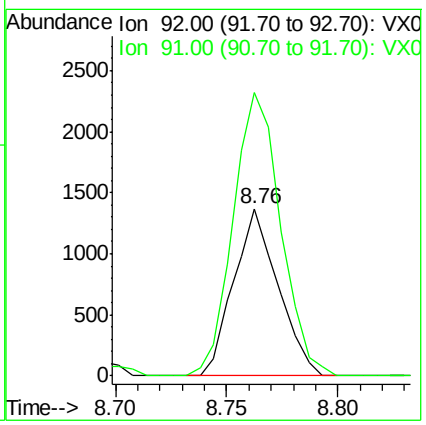


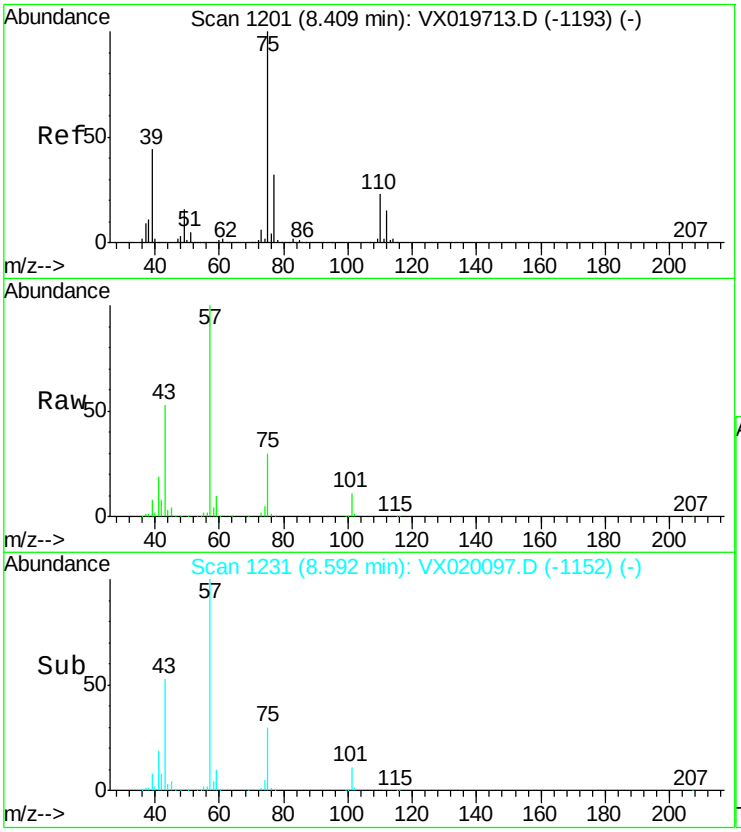


#52
Toluene
Concen: 0.220 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX020097.D
Acq: 17 Dec 2020 04:21

Tgt Ion: 92 Resp: 1906

Ion	Ratio	Lower	Upper
92	100		
91	180.6	137.1	205.7



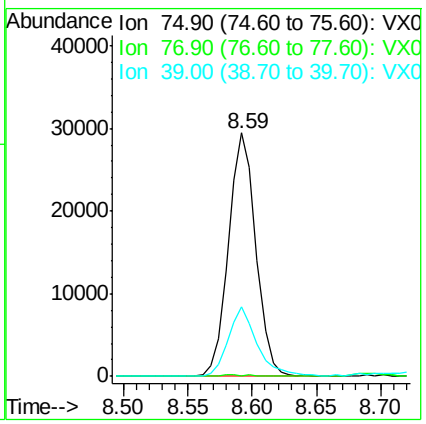


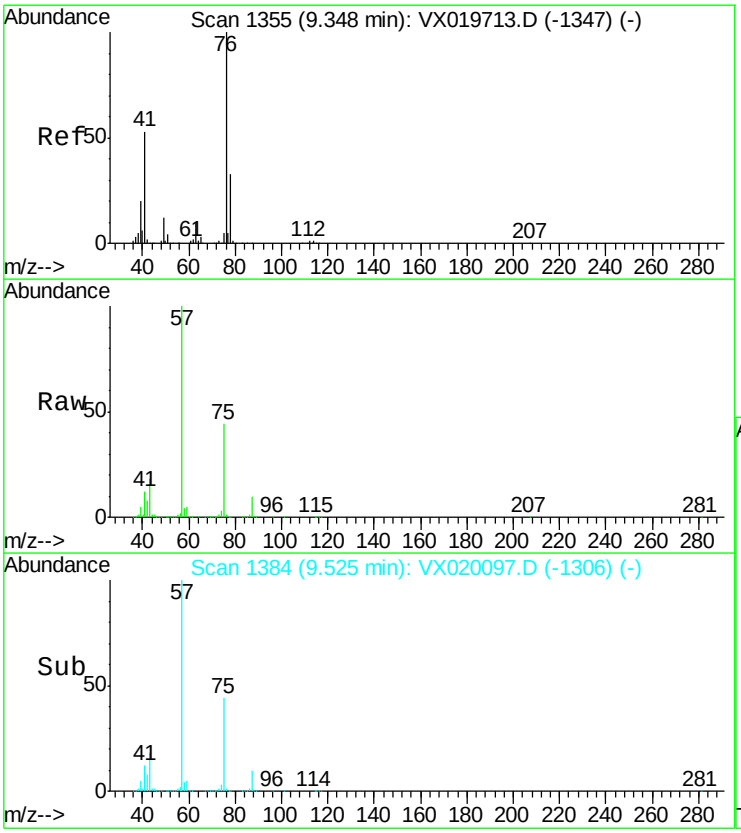
#54
cis-1,3-Dichloropropene
Concen: 7.821 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. 0.18 min
Lab File: VX020097.D
Acq: 17 Dec 2020 04:21

Instrument :
MSVOA_X
ClientSampleId :
TR3-D-BOTTOM

Tgt Ion: 75 Resp: 43672

Ion	Ratio	Lower	Upper
75	100		
77	0.4	25.7	38.5#
39	28.3	35.1	52.7#

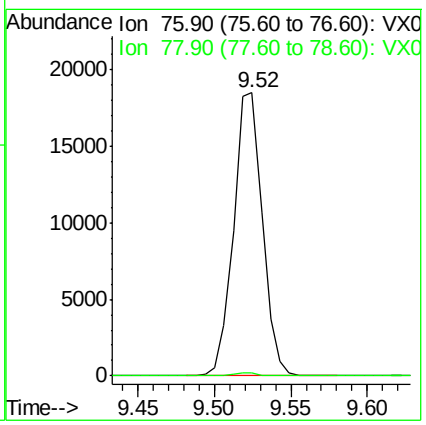


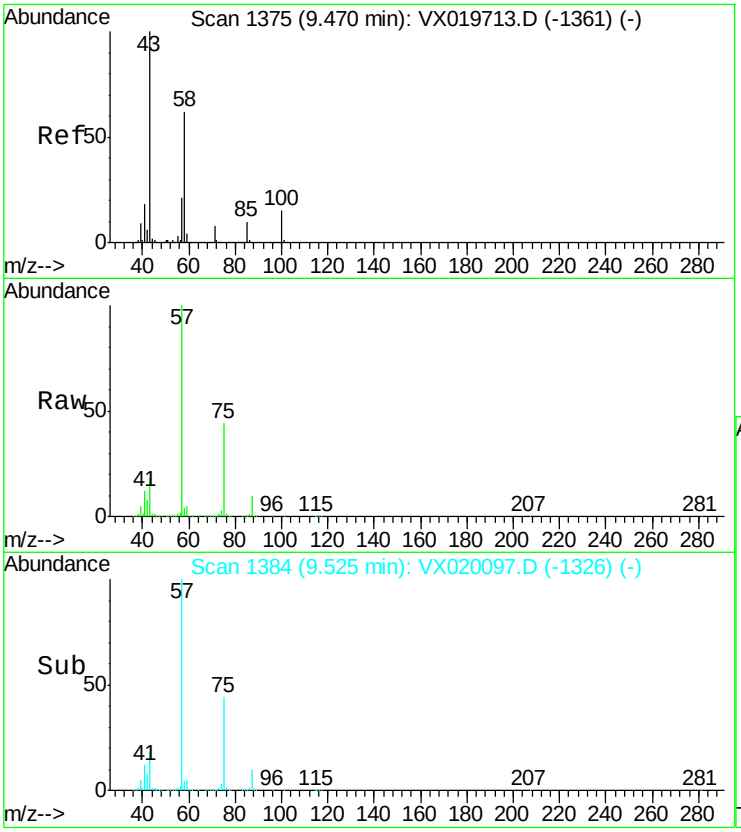


#57
1,3-Dichloropropane
Concen: 4.054 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.18 min
Lab File: VX020097.D
Acq: 17 Dec 2020 04:21

Tgt Ion: 76 Resp: 24129

Ion	Ratio	Lower	Upper
76	100		
78	0.7	26.2	39.2#



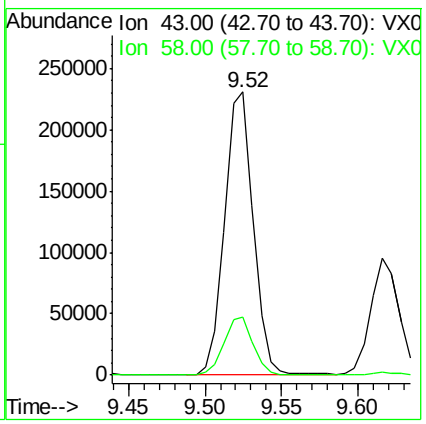


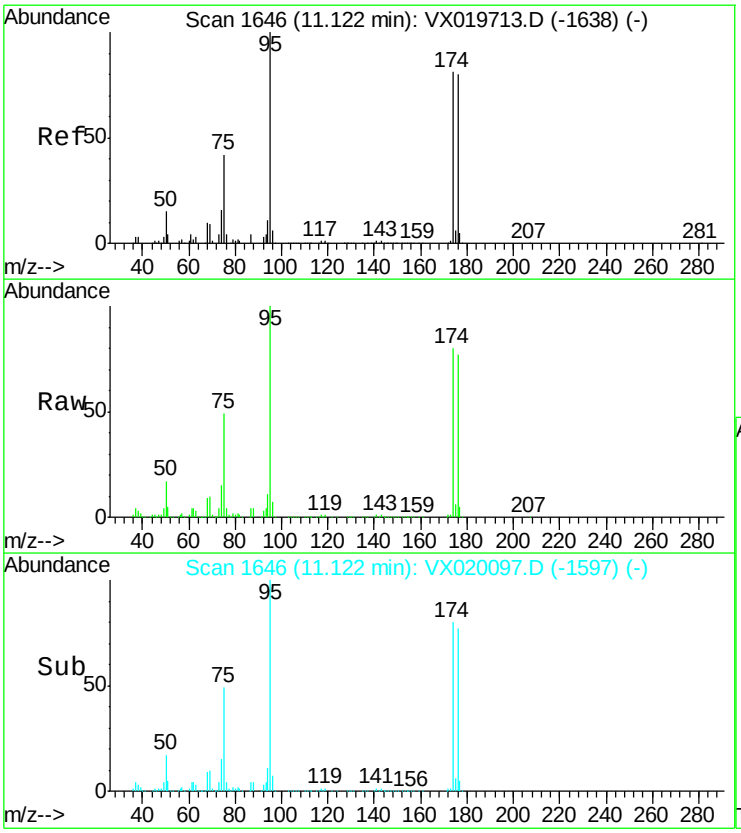
#59
2-Hexanone
Concen: 85.070 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX020097.D
Acq: 17 Dec 2020 04:21

Instrument : MSVOA_X
ClientSampleId : TR3-D-BOTTOM

Tgt Ion: 43 Resp: 299202

Ion	Ratio	Lower	Upper
43	100		
58	20.8	30.9	92.8#

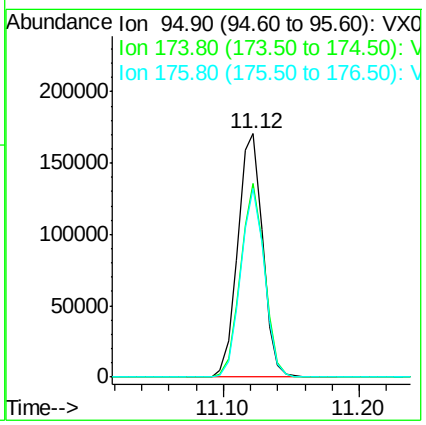


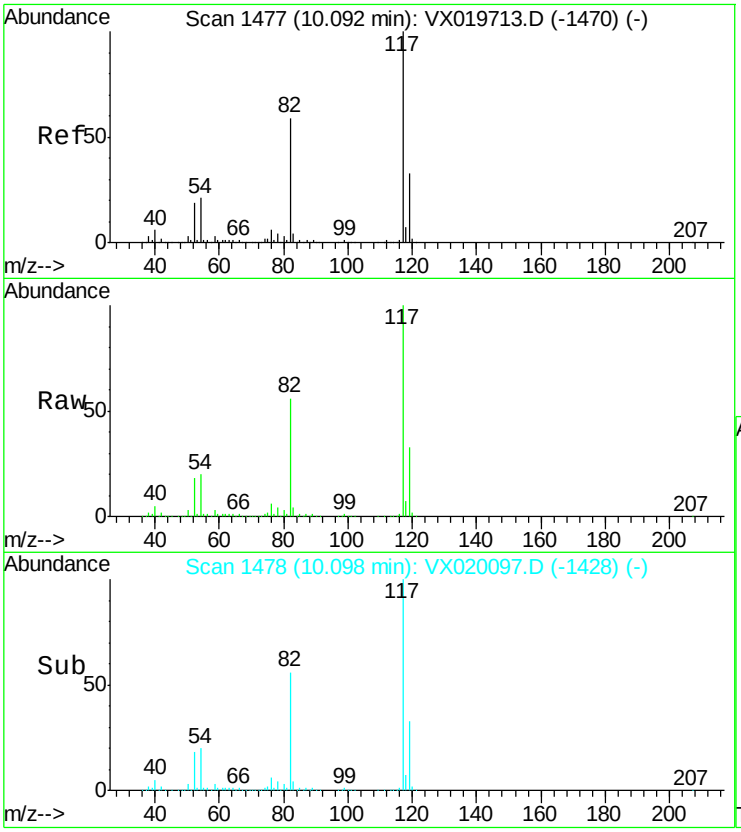


#62
4-Bromofluorobenzene
Concen: 46.103 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX020097.D
Acq: 17 Dec 2020 04:21

Tgt Ion: 95 Resp: 216927

Ion	Ratio	Lower	Upper
95	100		
174	77.4	0.0	154.6
176	74.8	0.0	155.8



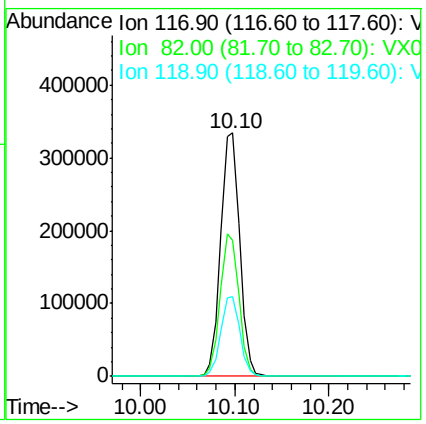


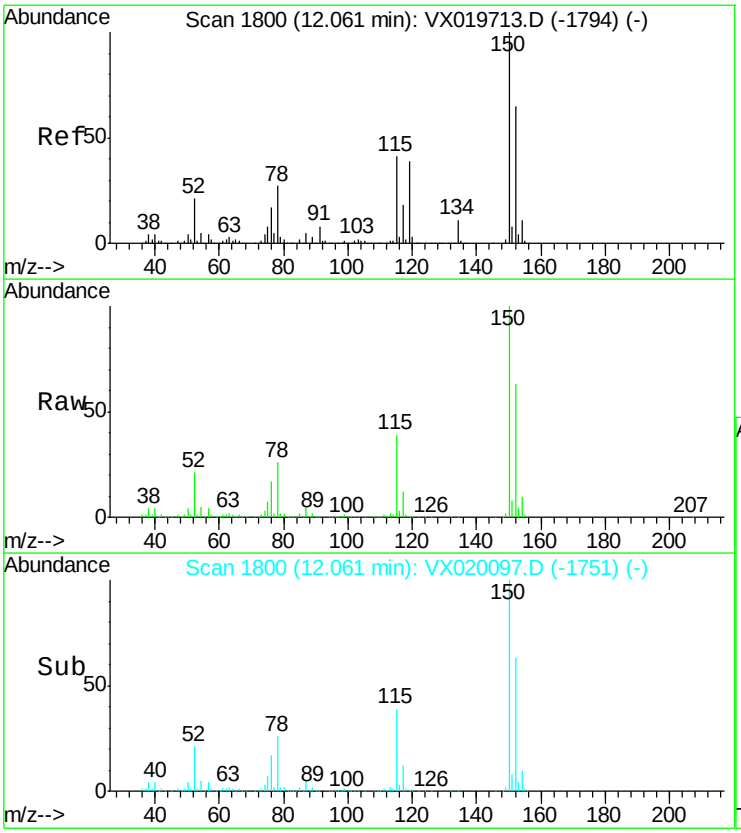
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX020097.D
Acq: 17 Dec 2020 04:21

Instrument :
MSVOA_X
ClientSampleId :
TR3-D-BOTTOM

Tgt Ion:117 Resp: 469930

Ion	Ratio	Lower	Upper
117	100		
82	55.8	47.4	71.2
119	33.0	26.6	39.8

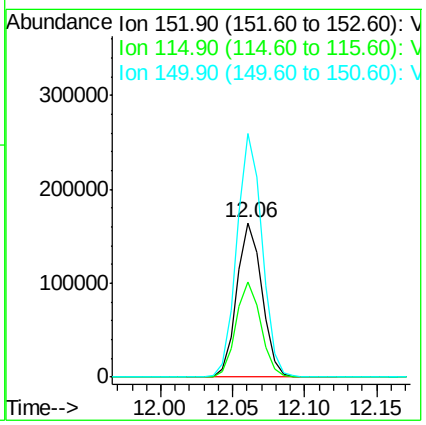


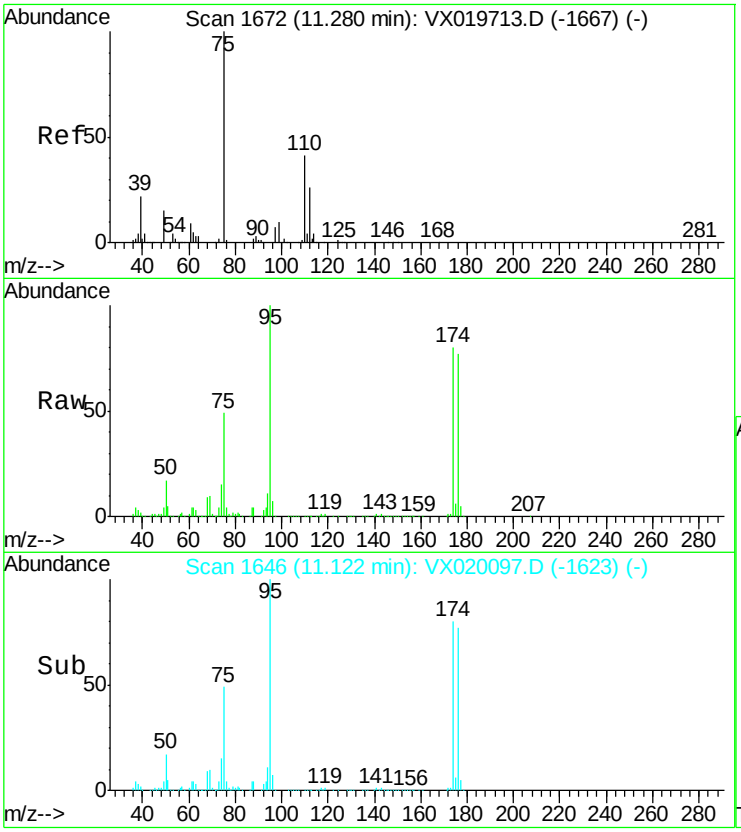


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX020097.D
Acq: 17 Dec 2020 04:21

Tgt Ion:152 Resp: 200726

Ion	Ratio	Lower	Upper
152	100		
115	61.0	41.1	123.3
150	157.5	0.0	349.0



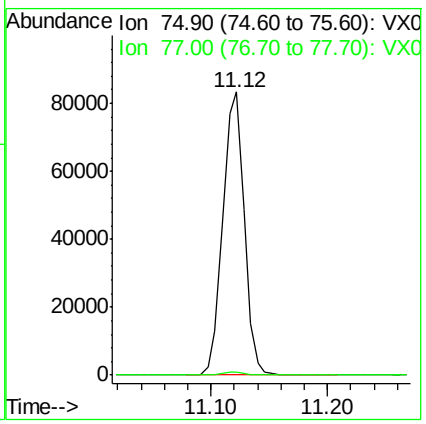


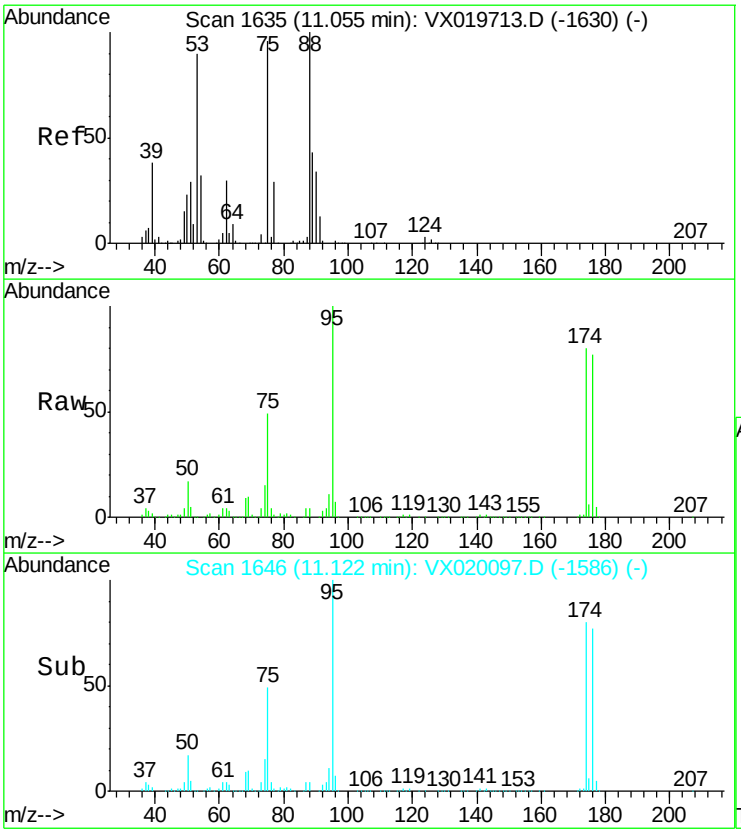
#76
1,2,3-Trichloropropane
Concen: 23.534 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX020097.D
Acq: 17 Dec 2020 04:21

Instrument :
MSVOA_X
ClientSampleId :
TR3-D-BOTTOM

Tgt Ion: 75 Resp: 105950

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 68.033 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX020097.D
Acq: 17 Dec 2020 04:21

Tgt Ion: 75 Resp: 105950

Ion	Ratio	Lower	Upper
75	100		
53	0.1	74.5	111.7#
89	0.0	37.9	56.9#