Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121520\
Data File : VX020013.D
Acq On : 15 Dec 2020 15:48
Operator : JC/MD
Sample : L5052-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TU032-32-5779-121020

Quant Time: Dec 16 00:25:31 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	311387	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.83	114	520057	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.09	117	481110	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	208739	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	200145	48.90	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 97.80%				
35) Dibromofluoromethane	5.46	113	160685	47.81	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.62%				
50) Toluene-d8	8.70	98	632331	49.28	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.56%				
62) 4-Bromofluorobenzene	11.12	95	224060	45.88	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.76%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.18	85	4037	1.416	ug/l		90
4) Vinyl Chloride	1.39	62	198918	56.268	ug/l		100
5) Bromomethane	1.63	94	690	0.588	ug/l		93
6) Chloroethane	1.72	64	682	0.321	ug/l	#	82
11) Tert butyl alcohol	2.99	59	4413	2.660	ug/l	#	73
12) 1,1-Dichloroethene	2.36	96	2874	1.007	ug/l		97
13) Acrolein	2.27	56	255	0.564	ug/l	#	14
16) Acetone	2.42	43	1410	0.917	ug/l		90
17) Carbon Disulfide	2.55	76	2011	0.246	ug/l	#	87
20) Methylene Chloride	2.84	84	637	Below Cal		#	90
21) trans-1,2-Dichloroethene	3.14	96	14754	4.436	ug/l		91
27) cis-1,2-Dichloroethene	4.56	96	122029	31.350	ug/l		90
29) Tetrahydrofuran	5.10	42	667	0.438	ug/l	#	60
31) Cyclohexane	5.62	56	6059	1.190	ug/l	#	1
36) 1,1-Dichloropropene	5.63	75	23695	5.042	ug/l	#	48
38) Carbon Tetrachloride	5.62	117	30721	6.676	ug/l	#	17
44) Trichloroethene	7.19	130	4696	1.247	ug/l		95
59) 2-Hexanone	9.29	43	1376	0.377	ug/l		73
76) 1,2,3-Trichloropropane	11.12	75	108147	23.100	ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.12	75	108147	66.778	ug/l	#	12

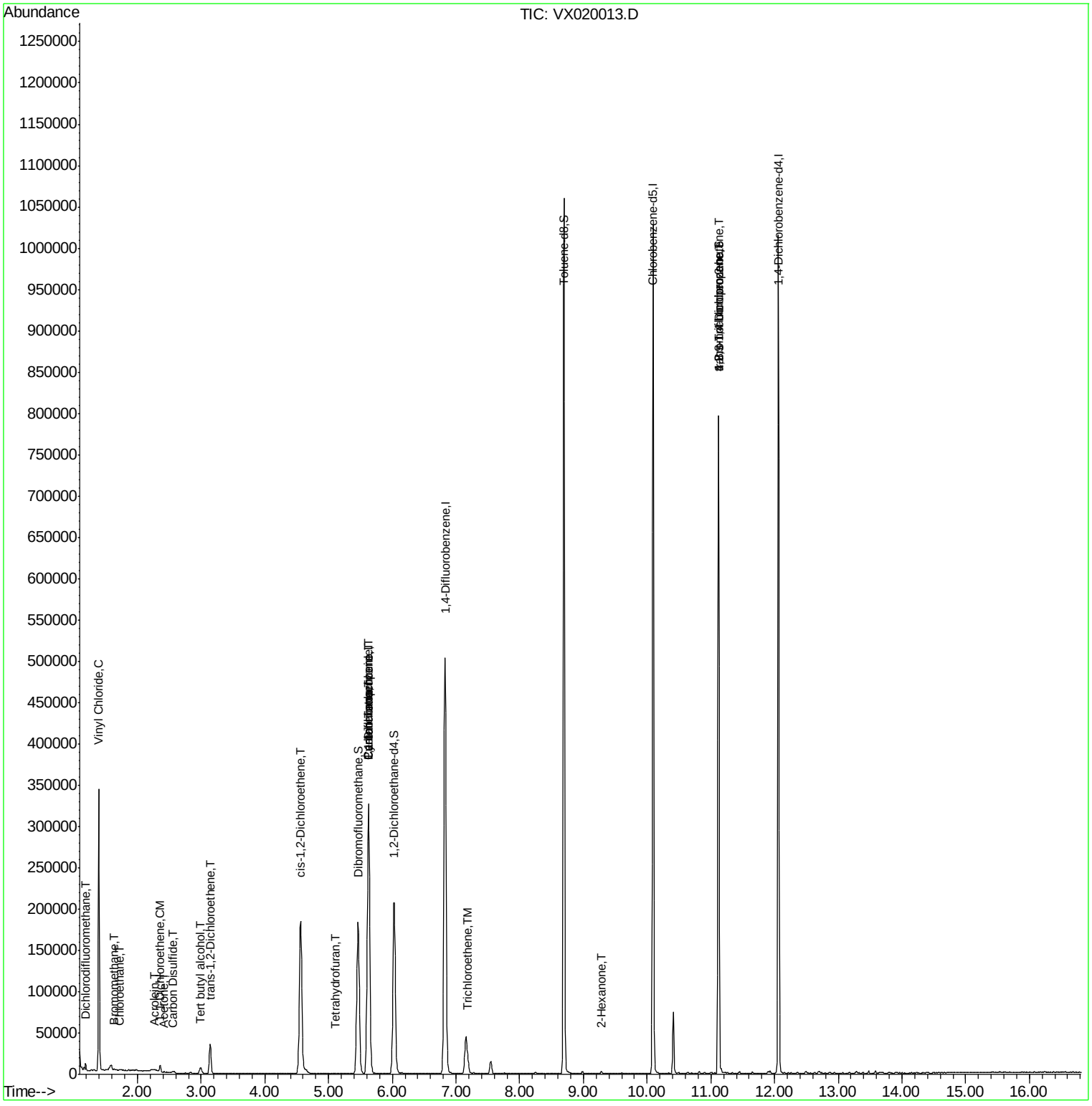
(#) = qualifier out of range (m) = manual integration (+) = signals summed

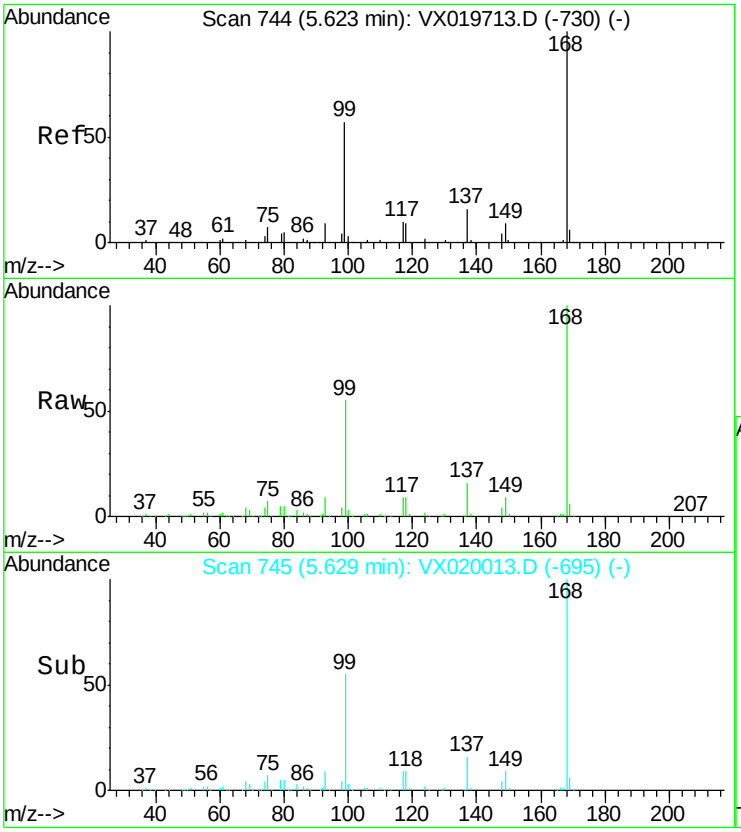
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121520\
Data File : VX020013.D
Acq On : 15 Dec 2020 15:48
Operator : JC/MD
Sample : L5052-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5779-121020

Quant Time: Dec 16 00:25:31 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



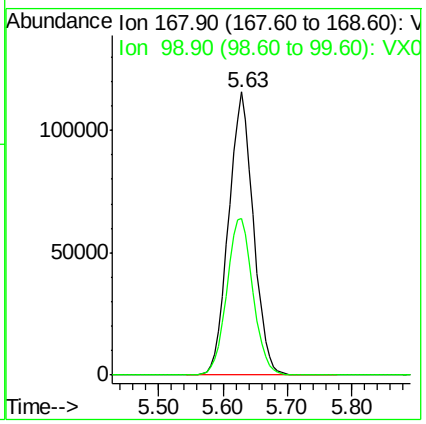


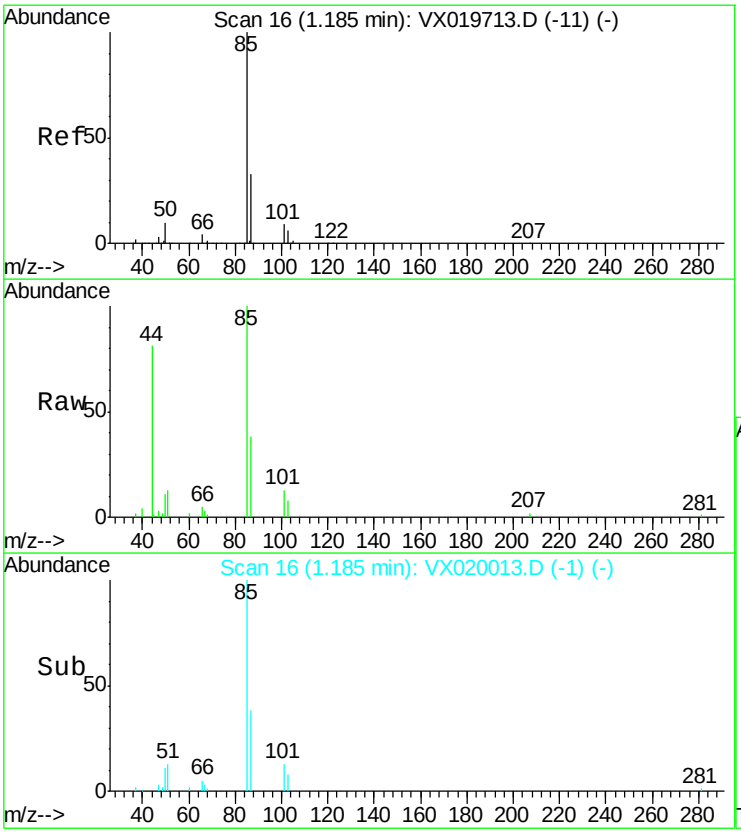
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.01 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5779-121020

Tgt Ion:168 Resp: 311387

Ion	Ratio	Lower	Upper
168	100		
99	55.4	45.8	68.6

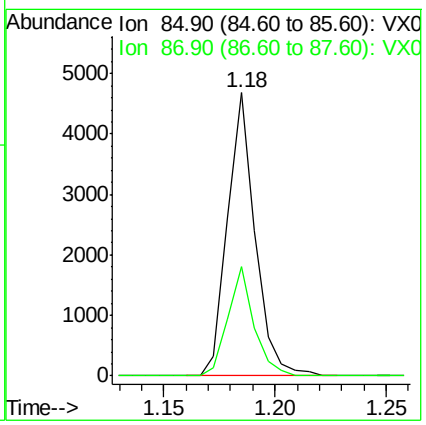


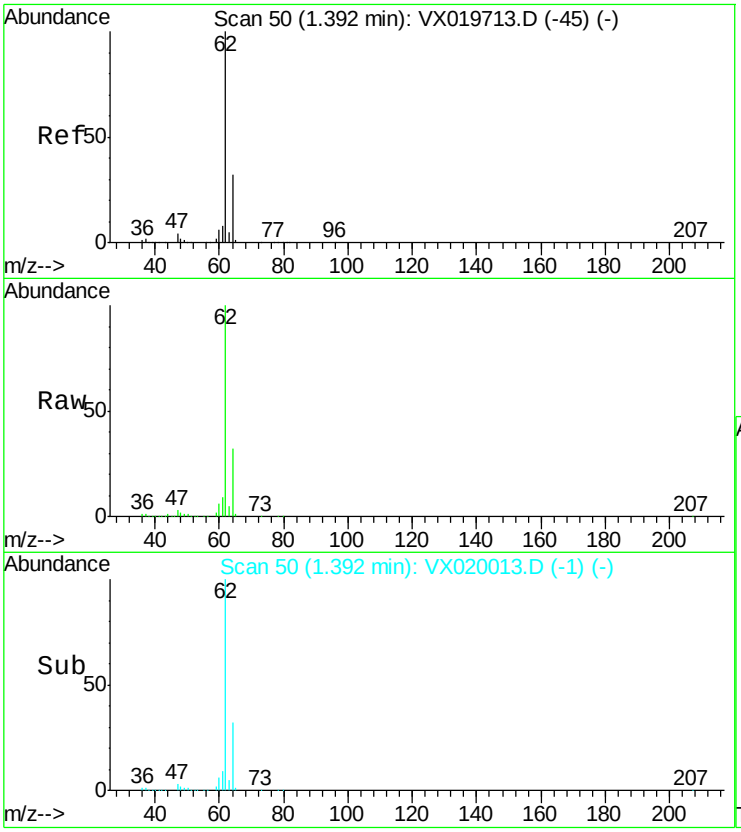


#2
Dichlorodifluoromethane
Concen: 1.416 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

Tgt Ion: 85 Resp: 4037

Ion	Ratio	Lower	Upper
85	100		
87	38.5	16.4	49.2



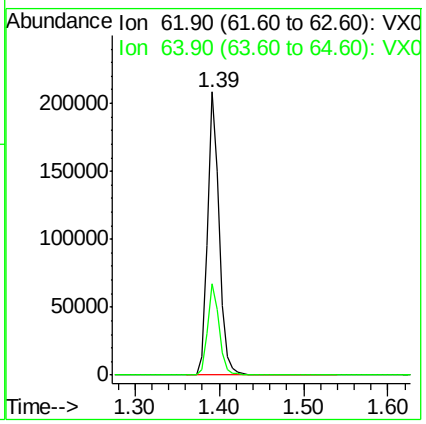


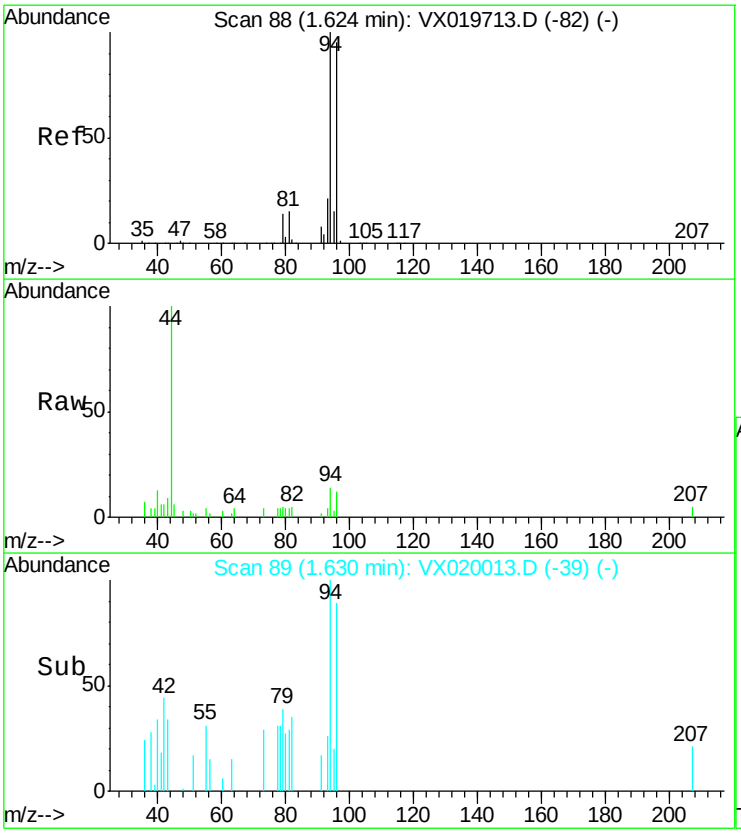
#4
Vinyl Chloride
Concen: 56.268 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5779-121020

Tgt Ion: 62 Resp: 198918

Ion	Ratio	Lower	Upper
62	100		
64	32.4	25.7	38.5

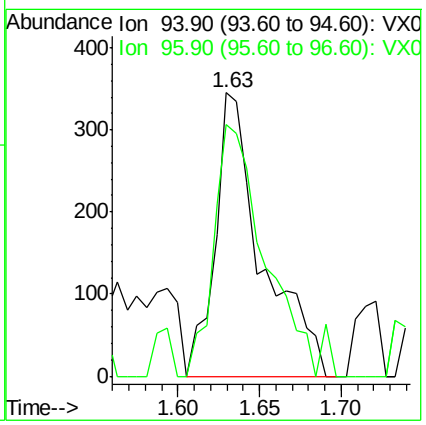


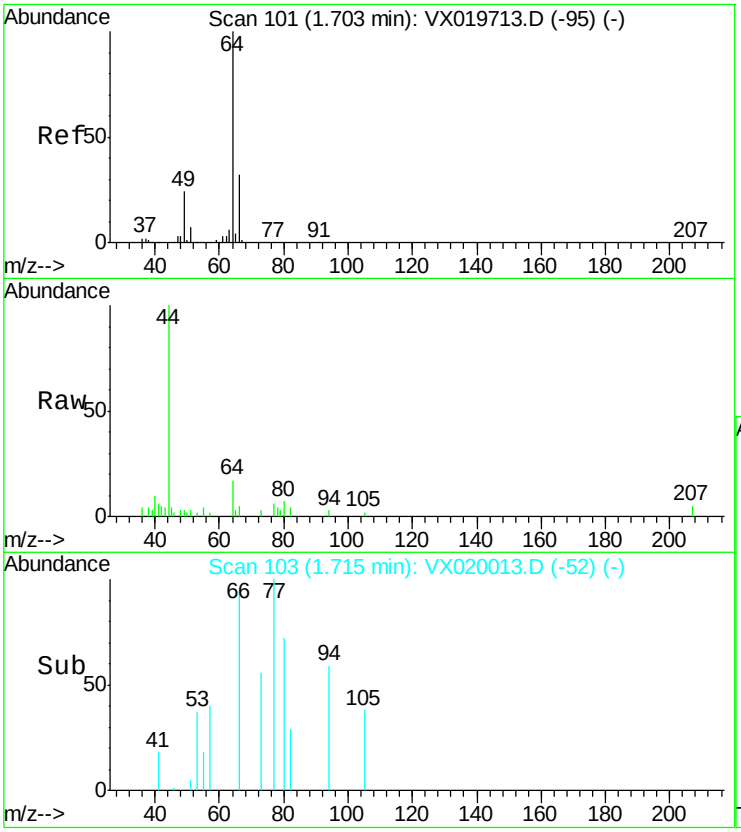


#5
Bromomethane
Concen: 0.588 ug/l
RT: 1.63 min Scan# 89
Delta R.T. 0.01 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

Tgt Ion: 94 Resp: 690

Ion	Ratio	Lower	Upper
94	100		
96	89.0	76.4	114.6



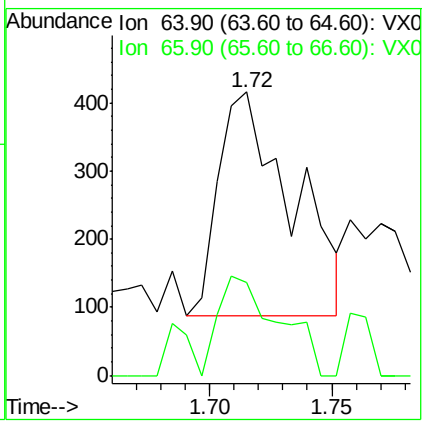


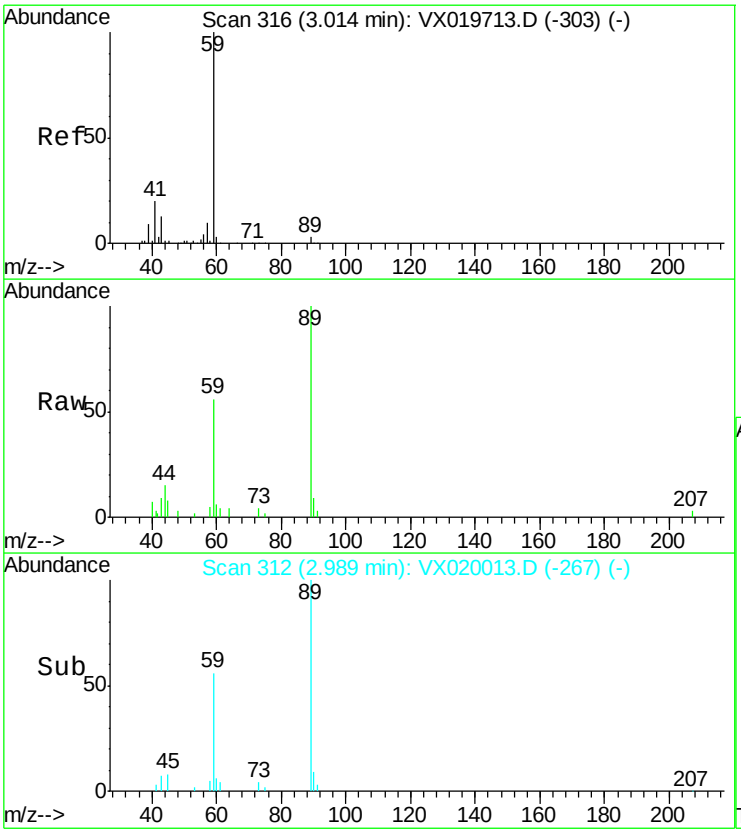
#6
Chloroethane
Concen: 0.321 ug/l
RT: 1.72 min Scan# 103
Delta R.T. 0.01 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5779-121020

Tgt Ion: 64 Resp: 682

Ion	Ratio	Lower	Upper
64	100		
66	41.5	25.4	38.0#

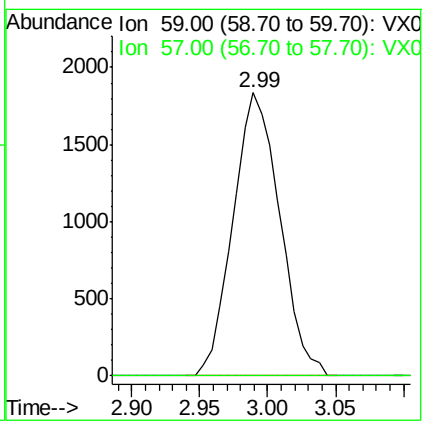


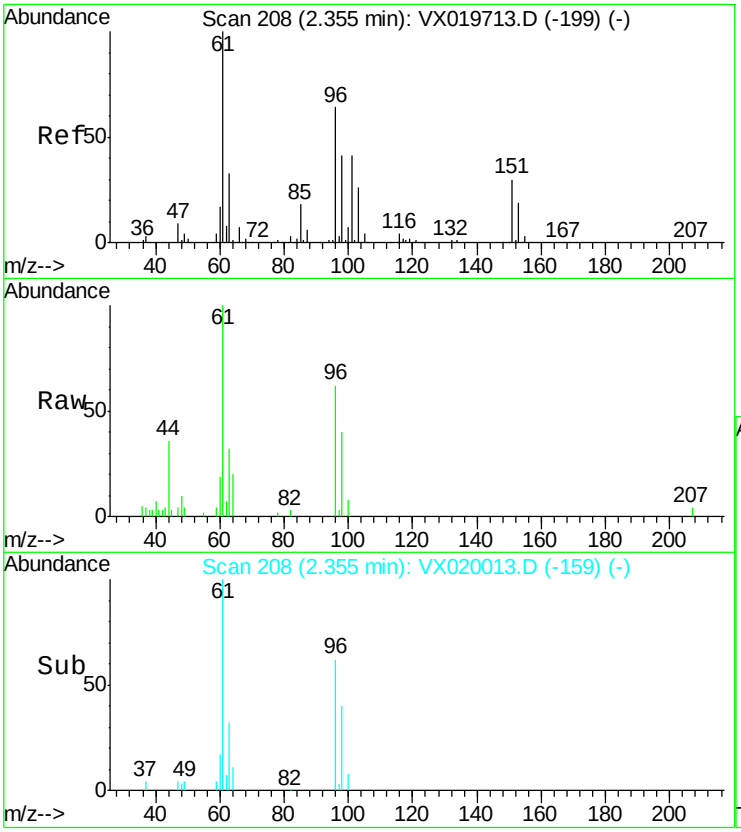


#11
Tert butyl alcohol
Concen: 2.660 ug/l
RT: 2.99 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

Tgt Ion: 59 Resp: 4413

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#



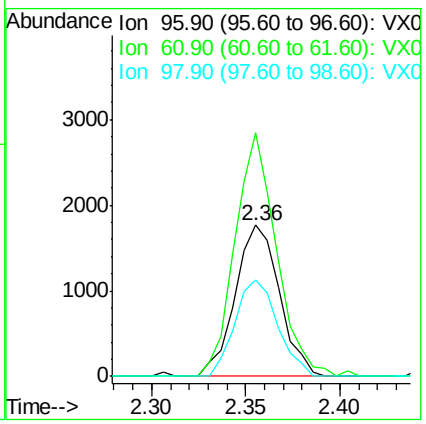


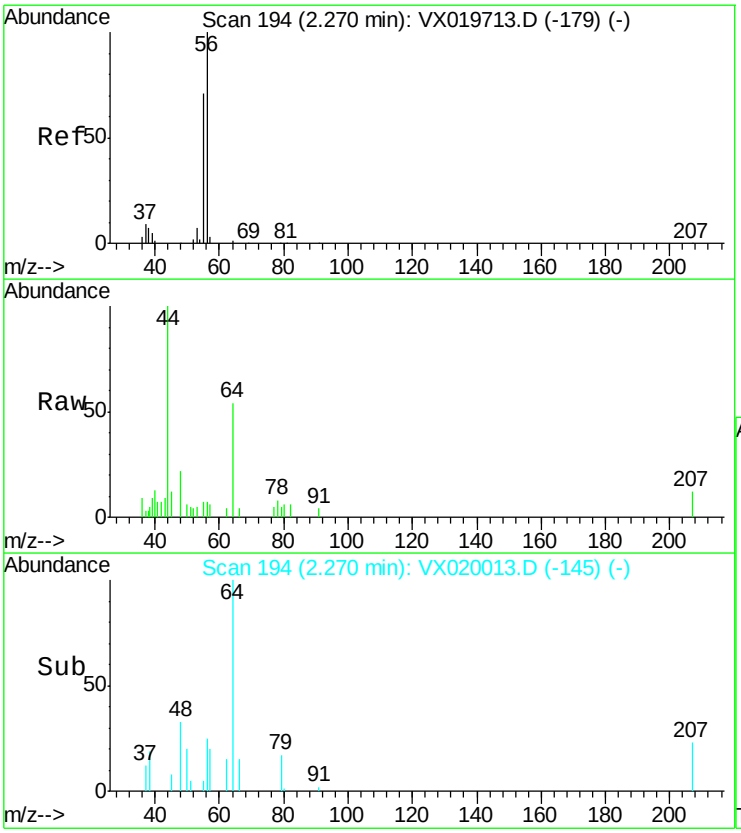
#12
1,1-Dichloroethene
Concen: 1.007 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5779-121020

Tgt Ion: 96 Resp: 2874

Ion	Ratio	Lower	Upper
96	100		
61	161.2	124.6	187.0
98	64.2	50.6	76.0

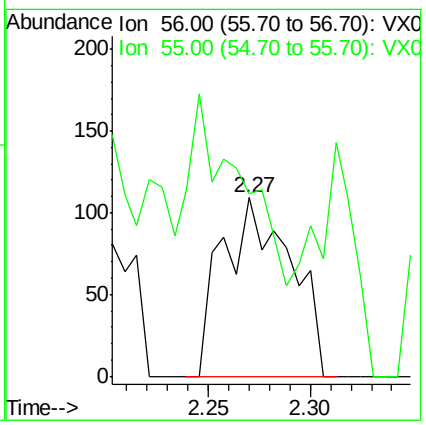


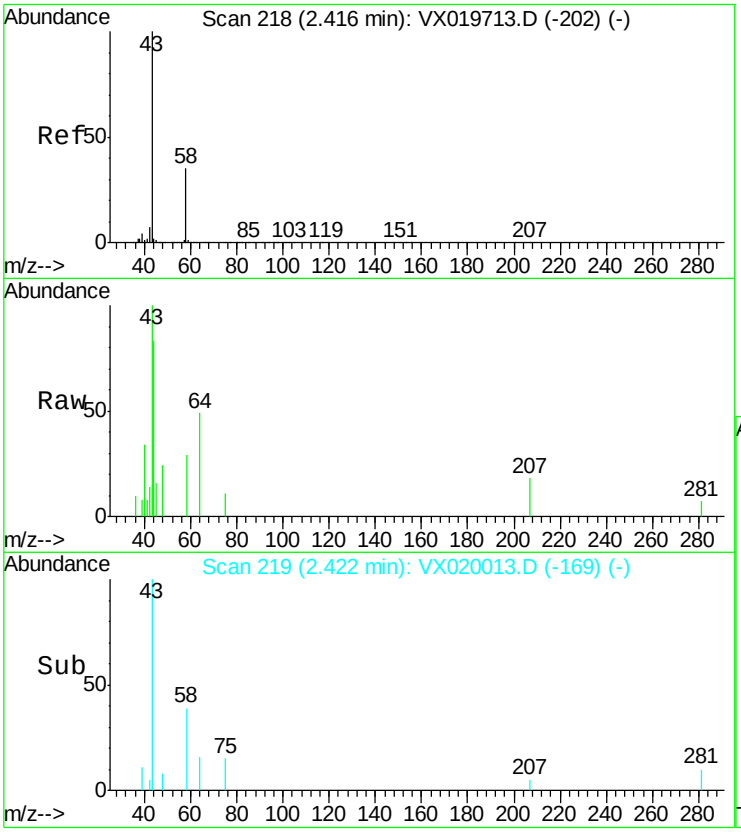


#13
Acrolein
Concen: 0.564 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

Tgt Ion: 56 Resp: 255

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.4	84.6#



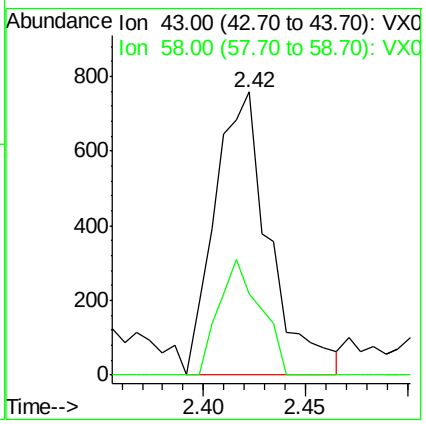


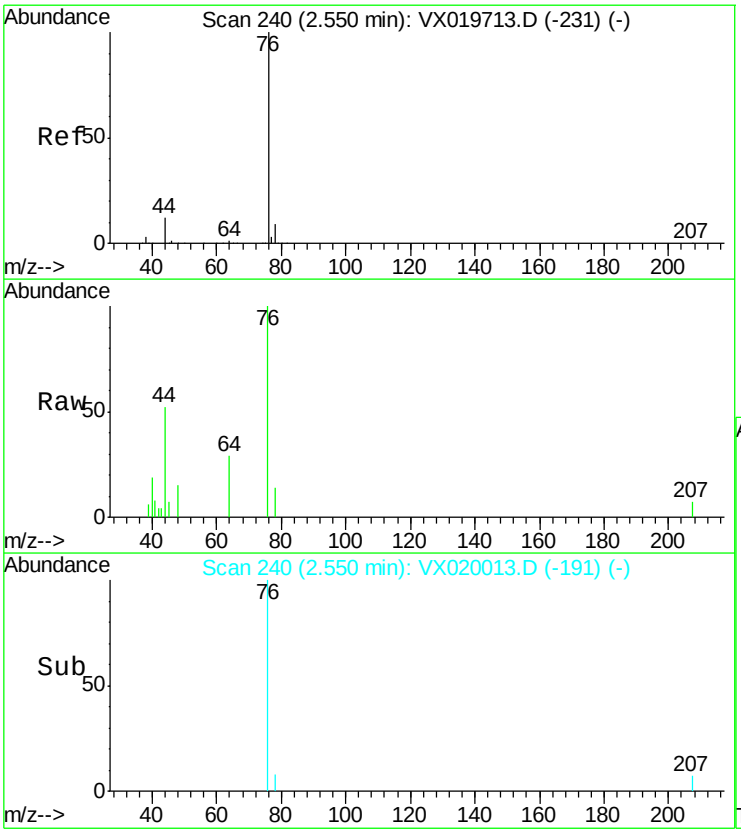
#16
Acetone
Concen: 0.917 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.01 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5779-121020

Tgt Ion: 43 Resp: 1410

Ion	Ratio	Lower	Upper
43	100		
58	28.8	27.8	41.8

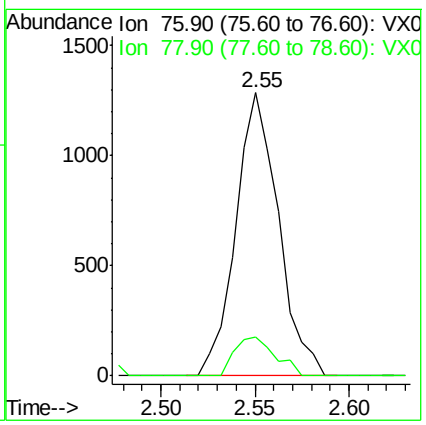


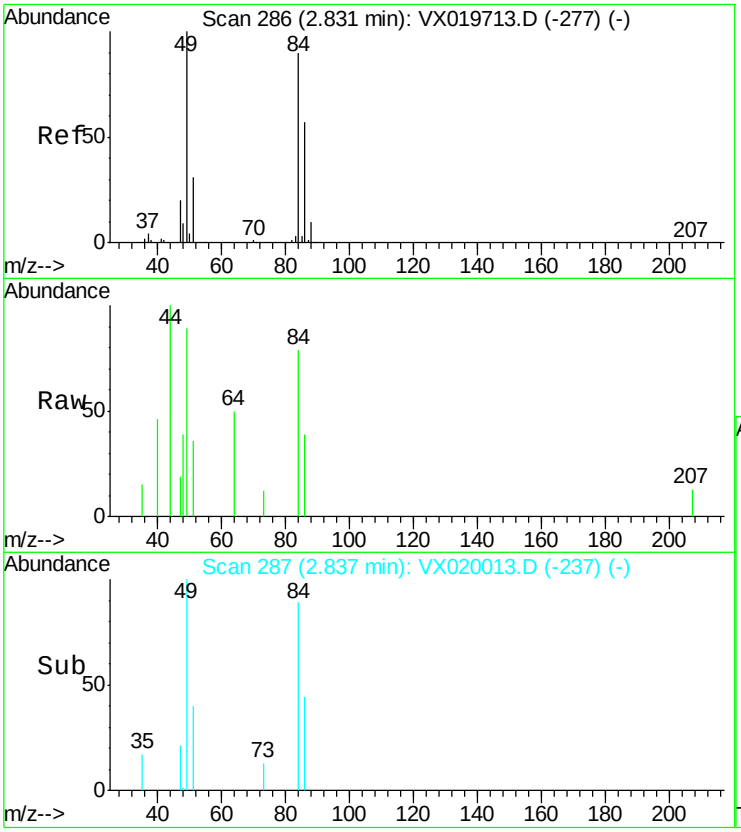


#17
Carbon Disulfide
Concen: 0.246 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

Tgt Ion: 76 Resp: 2011

Ion	Ratio	Lower	Upper
76	100		
78	13.5	7.2	10.8#



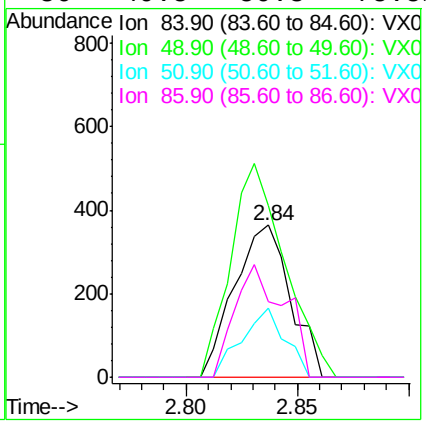


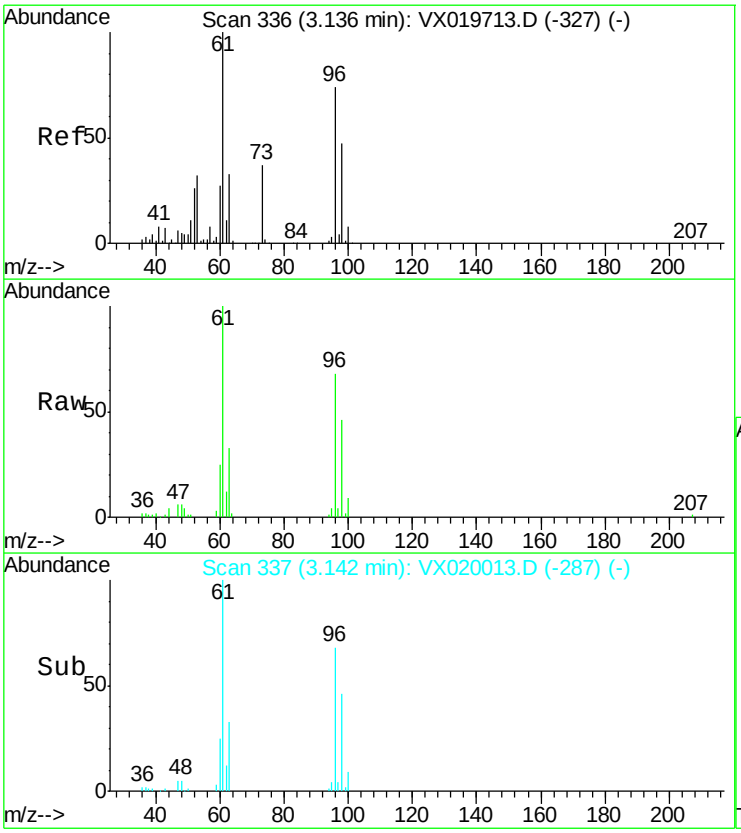
#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5779-121020

Tgt Ion: 84 Resp: 637

Ion	Ratio	Lower	Upper
84	100		
49	112.6	88.6	132.8
51	45.3	27.0	40.6#
86	49.5	50.3	75.5#

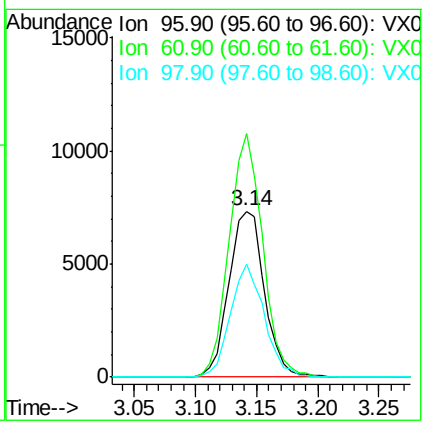


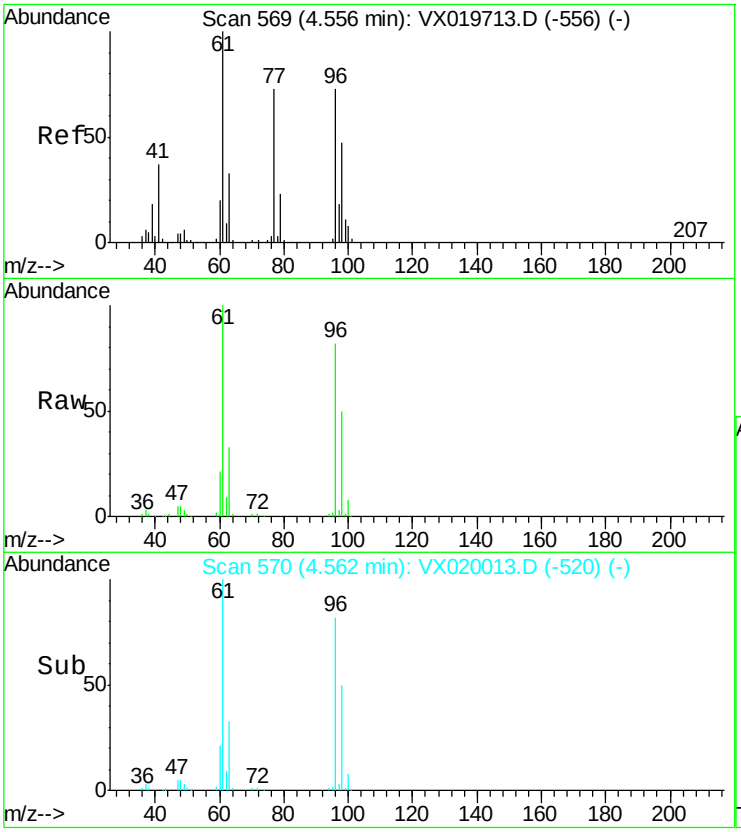


#21
trans-1,2-Dichloroethene
Concen: 4.436 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

Tgt Ion: 96 Resp: 14754

Ion	Ratio	Lower	Upper
96	100		
61	147.1	107.7	161.5
98	68.2	50.4	75.6



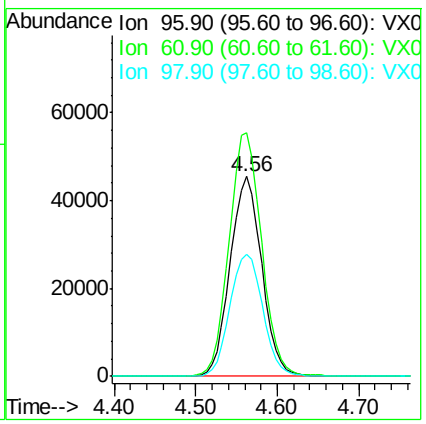


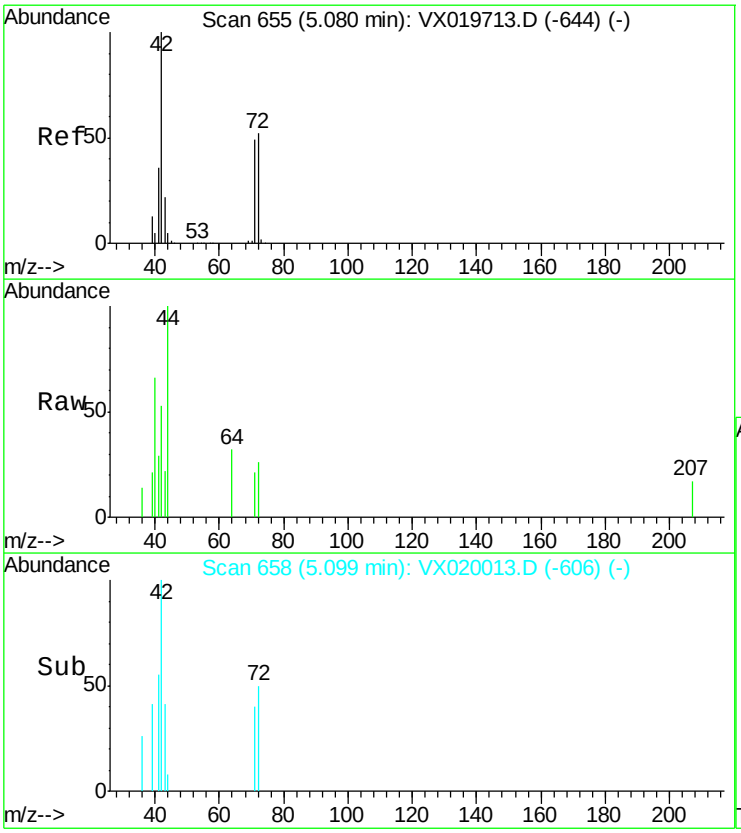
#27
cis-1,2-Dichloroethene
Concen: 31.350 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5779-121020

Tgt Ion: 96 Resp: 122029

Ion	Ratio	Lower	Upper
96	100		
61	125.7	0.0	285.6
98	63.8	0.0	129.6

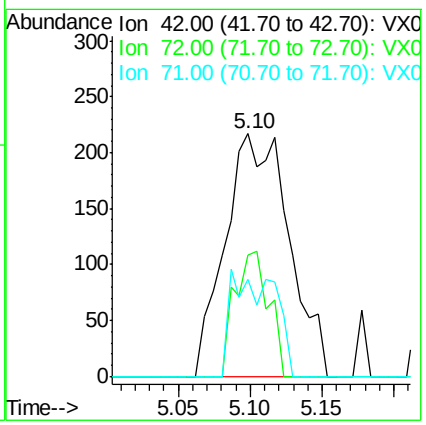


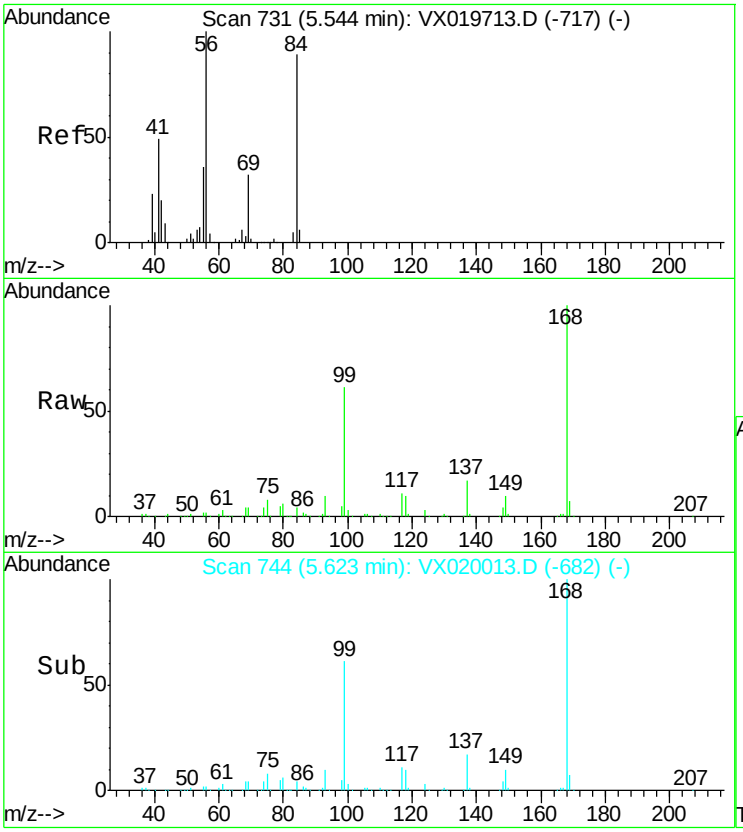


#29
Tetrahydrofuran
Concen: 0.438 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.02 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

Tgt Ion: 42 Resp: 667

Ion	Ratio	Lower	Upper
42	100		
72	27.6	41.7	62.5#
71	17.4	38.4	57.6#



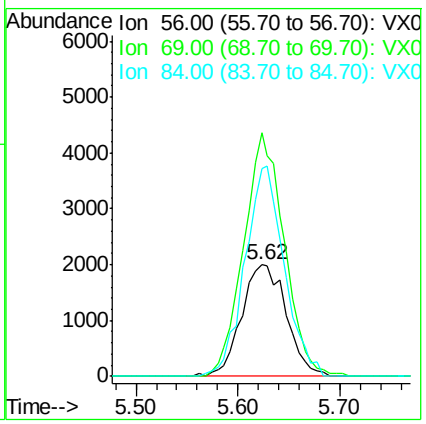


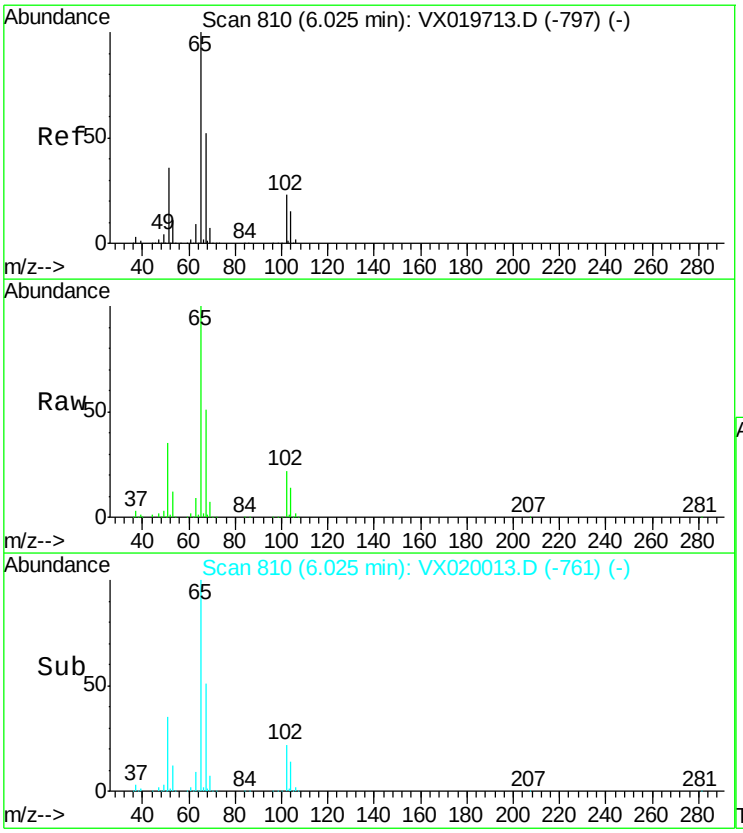
#31
Cyclohexane
Concen: 1.190 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.08 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5779-121020

Tgt Ion: 56 Resp: 6059

Ion	Ratio	Lower	Upper
56	100		
69	218.2	25.3	37.9#
84	186.1	71.4	107.0#

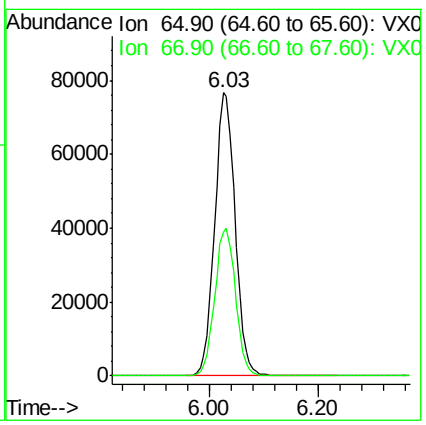


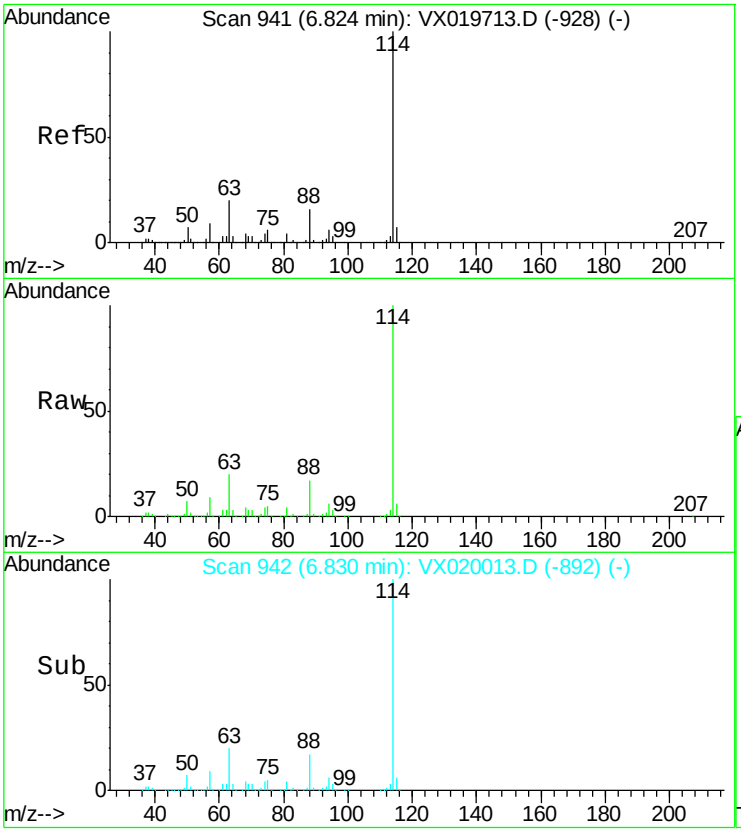


#33
1,2-Dichloroethane-d4
Concen: 48.905 ug/l
RT: 6.03 min Scan# 810
Delta R.T. 0.00 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

Tgt Ion: 65 Resp: 200145

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.4



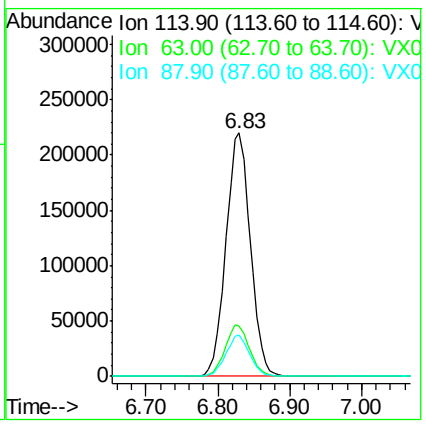


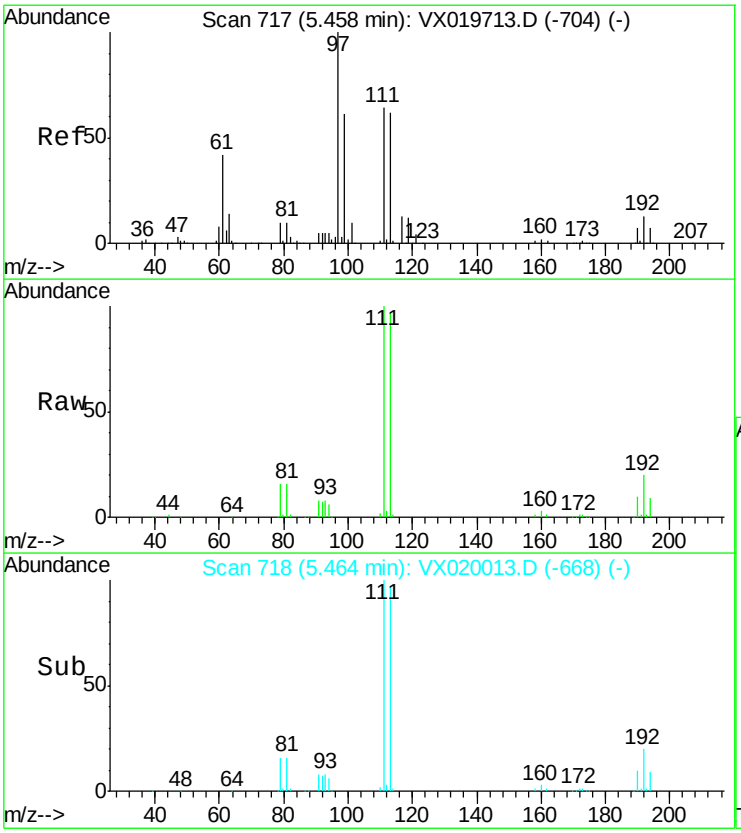
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5779-121020

Tgt Ion:114 Resp: 520057

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.8
88	16.9	0.0	32.8

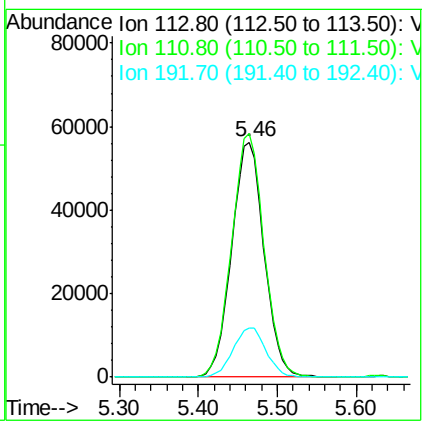


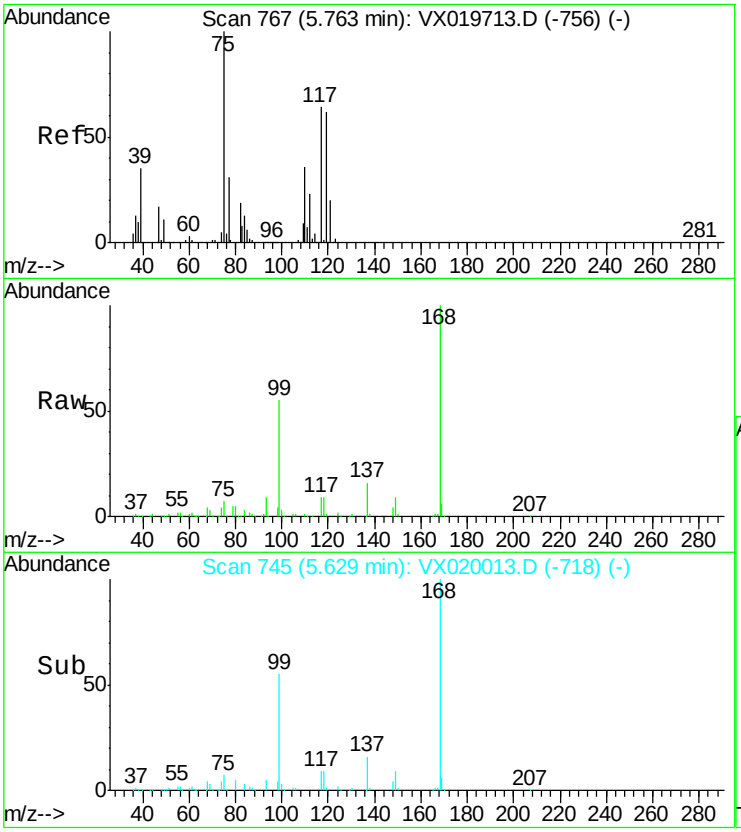


#35
Dibromofluoromethane
Concen: 47.808 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

Tgt Ion:113 Resp: 160685

Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.9	122.9
192	21.3	16.7	25.1



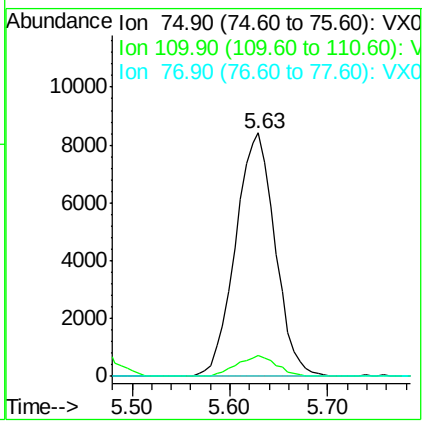


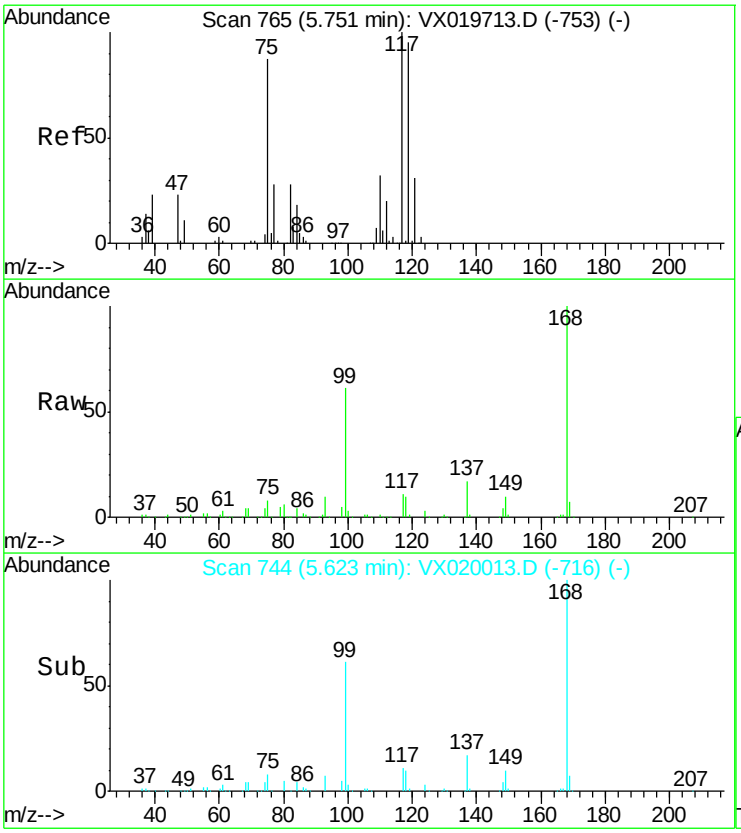
#36
1,1-Dichloropropene
Concen: 5.042 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5779-121020

Tgt Ion: 75 Resp: 23695

Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.1	54.4#
77	0.0	25.3	37.9#

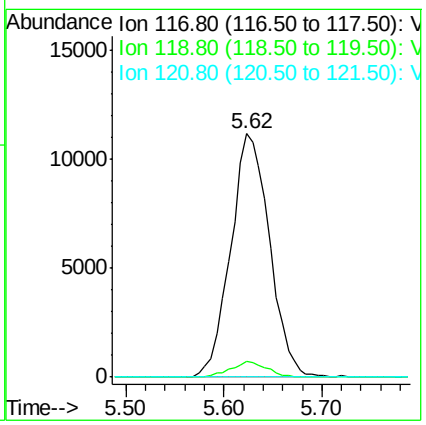


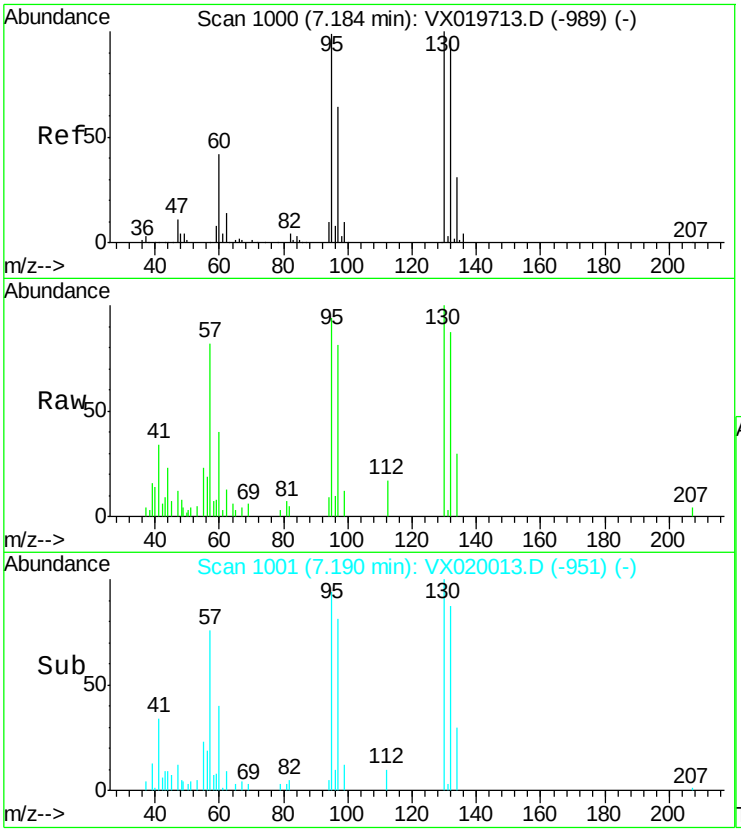


#38
Carbon Tetrachloride
Concen: 6.676 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.13 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

Tgt Ion:117 Resp: 30721

Ion	Ratio	Lower	Upper
117	100		
119	6.3	76.2	114.2#
121	0.0	24.8	37.2#



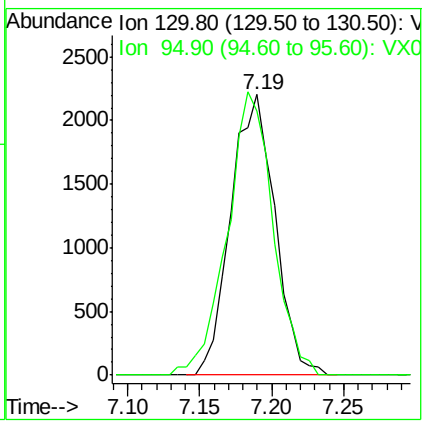


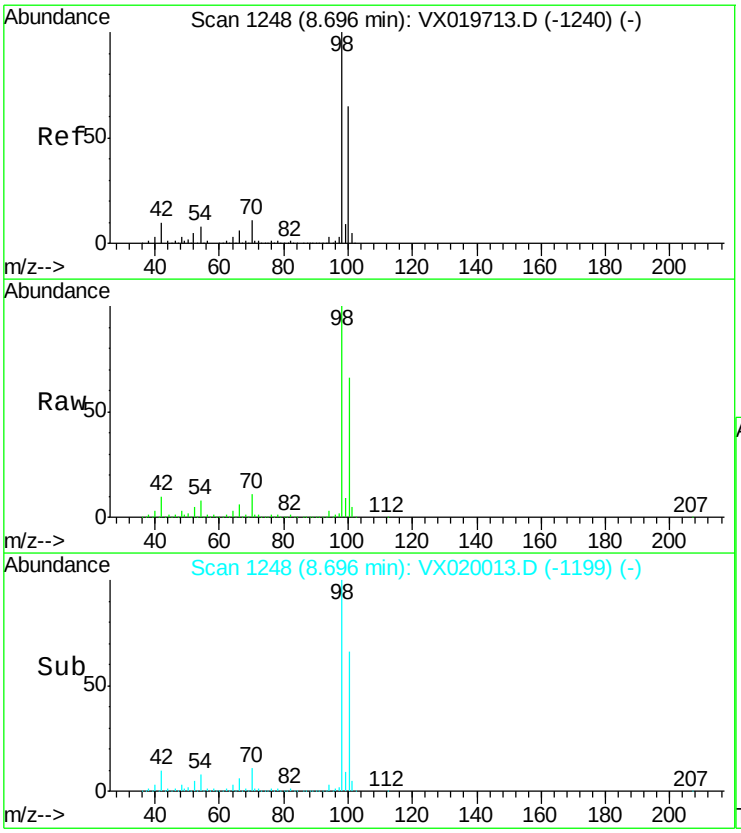
#44
Trichloroethene
Concen: 1.247 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5779-121020

Tgt Ion:130 Resp: 4696

Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	198.0

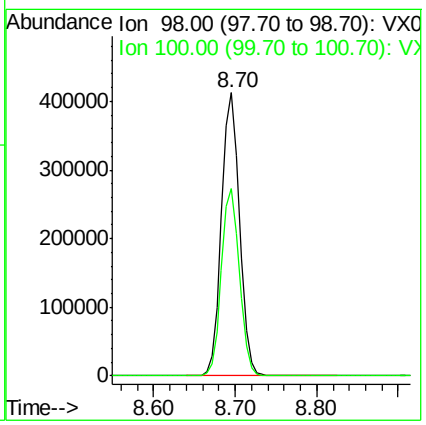


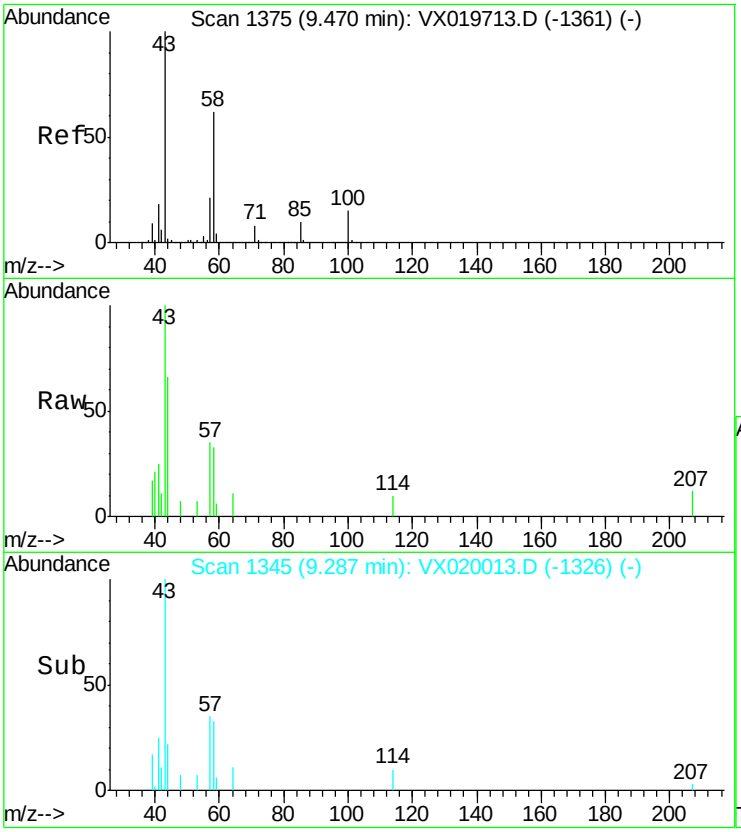


#50
Toluene-d8
Concen: 49.279 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

Tgt Ion: 98 Resp: 632331

Ion	Ratio	Lower	Upper
98	100		
100	66.3	51.9	77.9



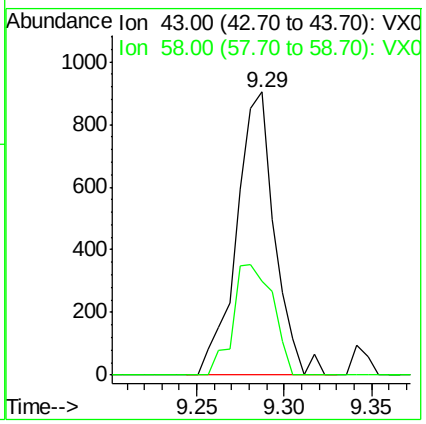


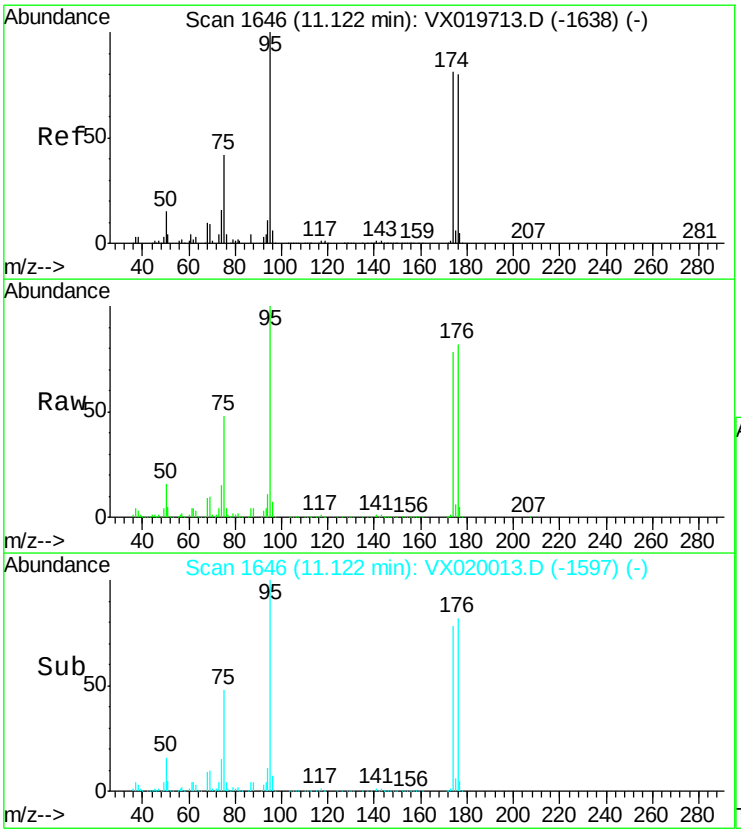
#59
2-Hexanone
Concen: 0.377 ug/l
RT: 9.29 min Scan# 1345
Delta R.T. -0.18 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5779-121020

Tgt Ion: 43 Resp: 1376

Ion	Ratio	Lower	Upper
43	100		
58	41.0	30.9	92.8

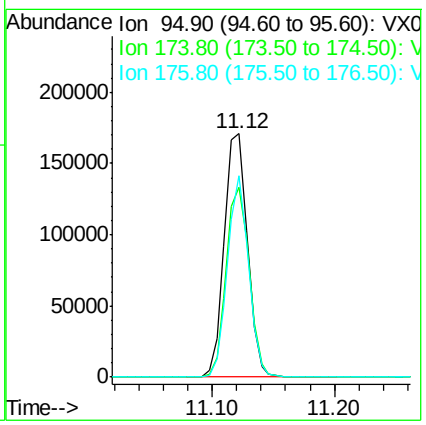


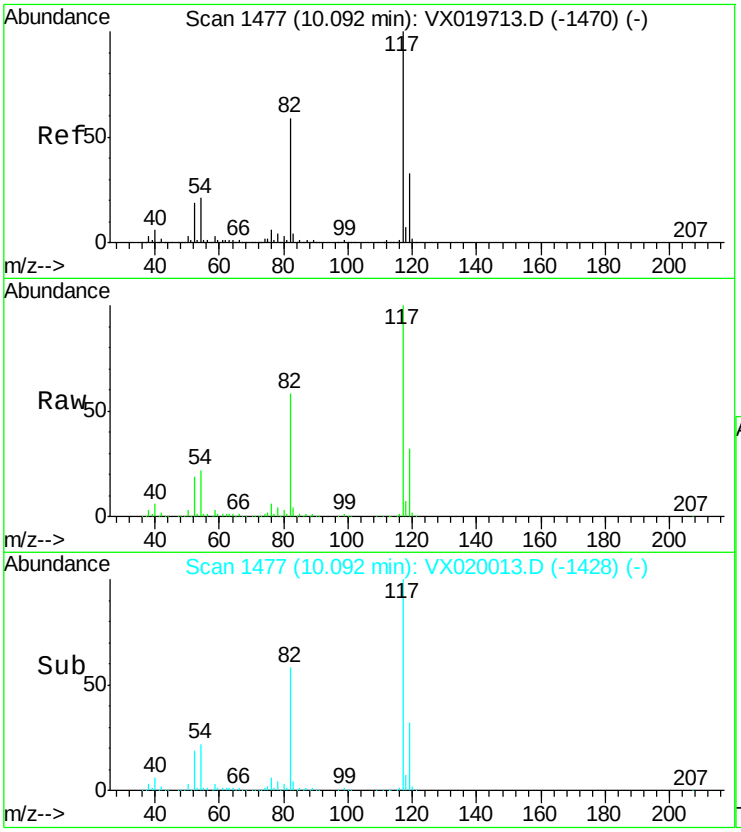


#62
4-Bromofluorobenzene
Concen: 45.877 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

Tgt Ion: 95 Resp: 224060

Ion	Ratio	Lower	Upper
95	100		
174	77.3	0.0	154.6
176	74.7	0.0	155.8



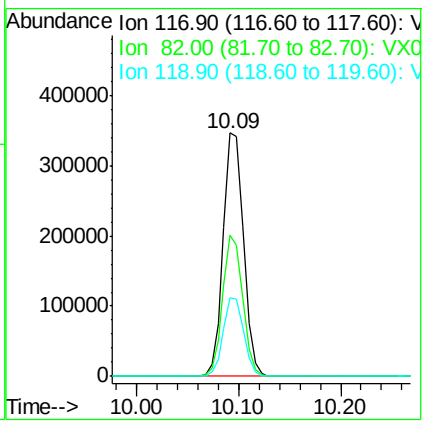


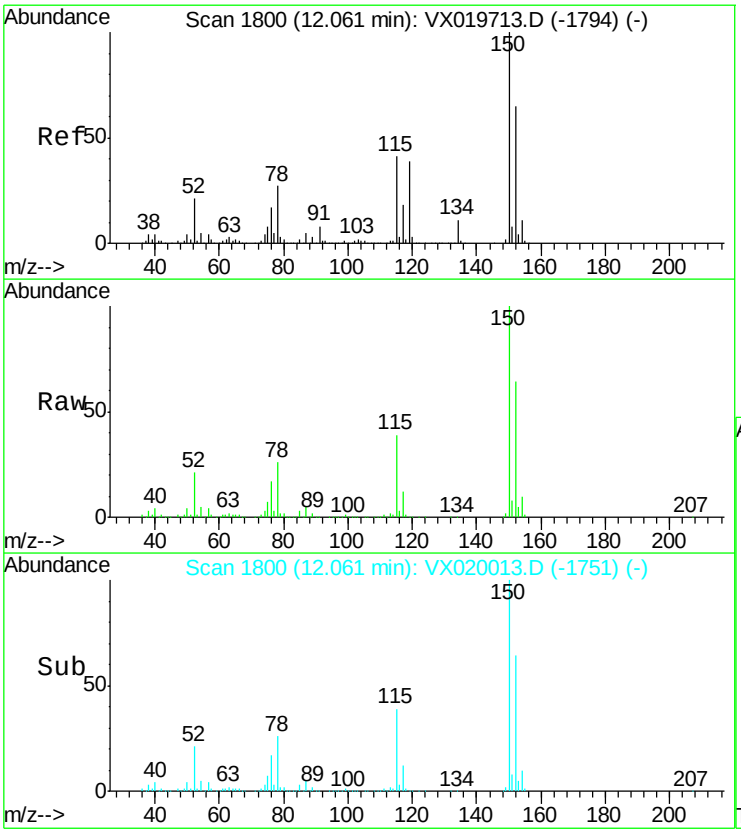
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5779-121020

Tgt Ion:117 Resp: 481110

Ion	Ratio	Lower	Upper
117	100		
82	58.1	47.4	71.2
119	32.0	26.6	39.8

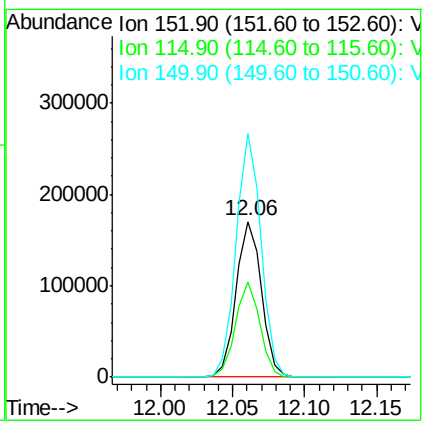


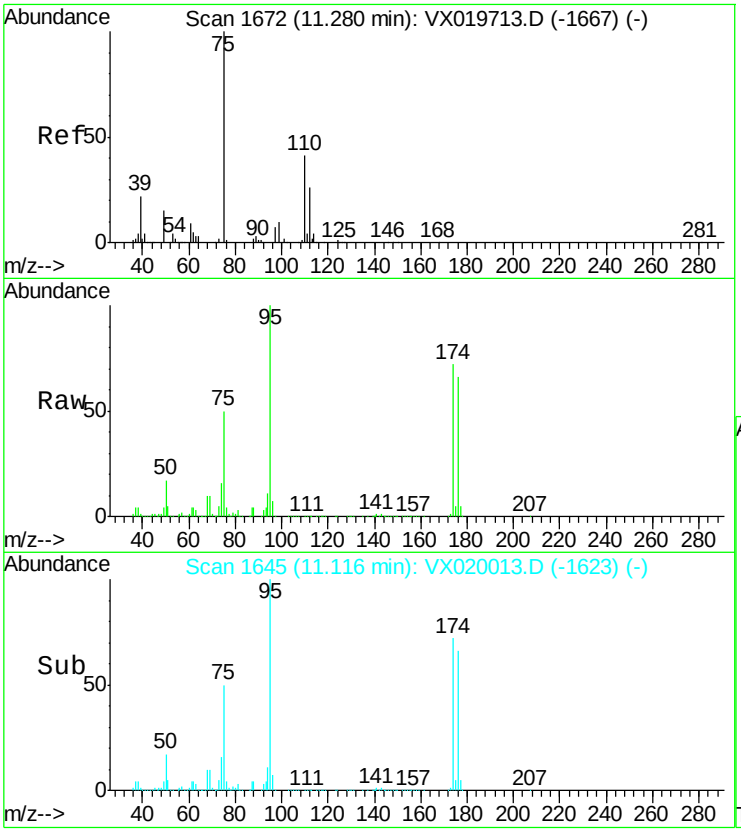


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

Tgt Ion:152 Resp: 208739

Ion	Ratio	Lower	Upper
152	100		
115	59.2	41.1	123.3
150	154.1	0.0	349.0



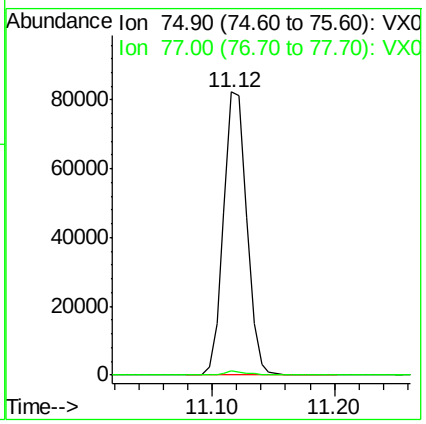


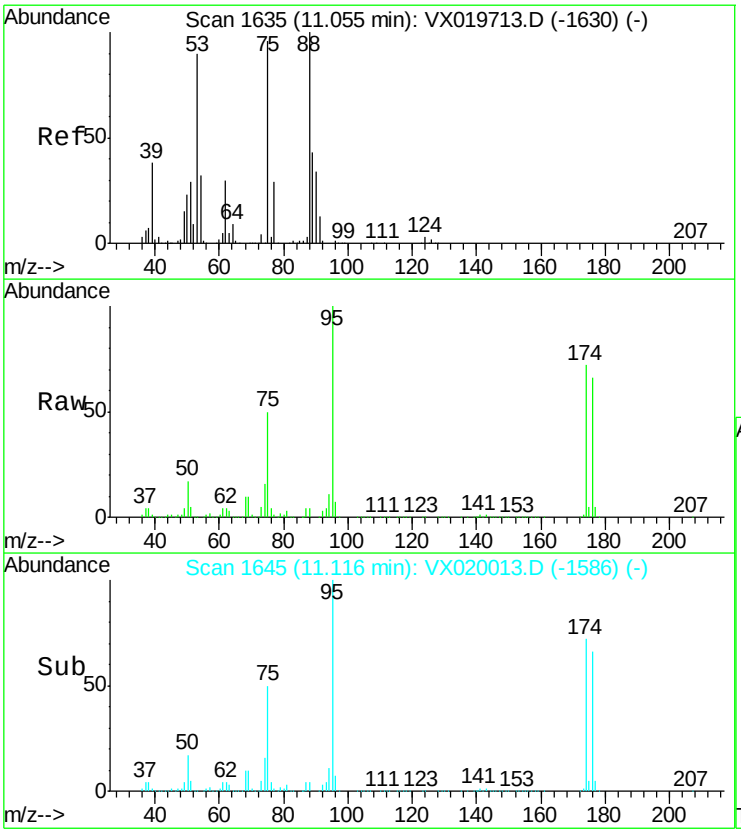
#76
1,2,3-Trichloropropane
Concen: 23.100 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. -0.16 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5779-121020

Tgt Ion: 75 Resp: 108147

Ion	Ratio	Lower	Upper
75	100		
77	1.4	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 66.778 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. 0.06 min
Lab File: VX020013.D
Acq: 15 Dec 2020 15:48

Tgt Ion: 75 Resp: 108147

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