Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121420\
Data File : VX019999.D
Acq On : 14 Dec 2020 20:08
Operator : JC/MD
Sample : L5052-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TU032-32-5778-121020

Quant Time: Dec 15 00:26:30 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	307107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	505327	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	463496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	205376	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	194779	48.26	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 96.52%			
35) Dibromofluoromethane	5.46	113	159020	48.69	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.38%			
50) Toluene-d8	8.70	98	614762	49.31	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.62%			
62) 4-Bromofluorobenzene	11.12	95	216744	45.67	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.34%			
Target Compounds						Qvalue
3) Chloromethane	1.31	50	5613	1.697	ug/l #	49
4) Vinyl Chloride	1.39	62	30819	8.839	ug/l #	82
6) Chloroethane	1.61	64	43150	20.602	ug/l #	52
11) Tert butyl alcohol	3.00	59	2923	0.919	ug/l #	78
12) 1,1-Dichloroethene	2.36	96	1280	0.455	ug/l	89
13) Acrolein	2.29	56	109	0.245	ug/l #	52
16) Acetone	2.42	43	2631	1.734	ug/l	99
17) Carbon Disulfide	2.55	76	3291	0.408	ug/l #	87
18) Methyl Acetate	2.75	43	1280	0.345	ug/l #	85
20) Methylene Chloride	2.84	84	425	Below Cal	#	91
21) trans-1,2-Dichloroethene	3.14	96	111350	33.944	ug/l	97
25) 2-Butanone	4.65	43	611	0.262	ug/l #	45
27) cis-1,2-Dichloroethene	4.56	96	901713	234.884	ug/l	90
29) Tetrahydrofuran	5.11	42	746	0.497	ug/l #	64
31) Cyclohexane	5.62	56	6004	1.196	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	22984	5.033	ug/l #	48
38) Carbon Tetrachloride	5.63	117	30464	6.813	ug/l #	17
44) Trichloroethene	7.19	130	24909	6.806	ug/l	97
51) 4-Methyl-2-Pentanone	8.69	43	2468	0.539	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	104461	22.678	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.12	75	104461	65.559	ug/l #	12

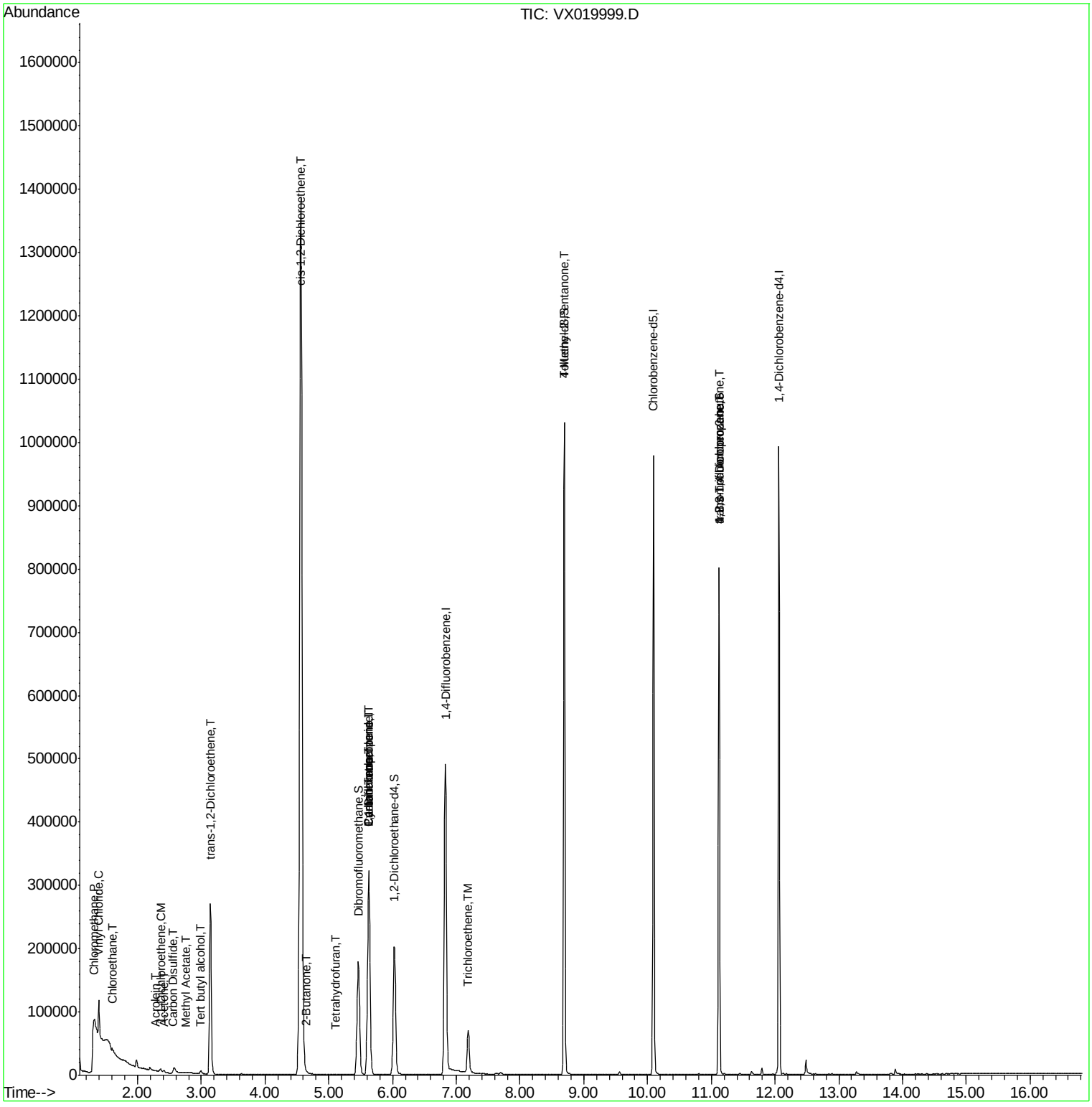
(#) = qualifier out of range (m) = manual integration (+) = signals summed

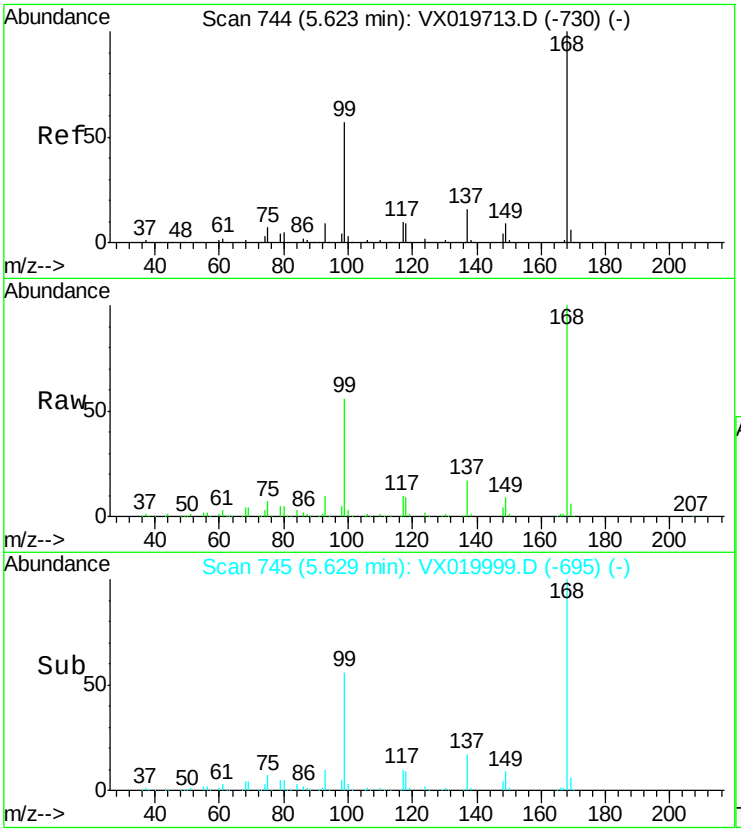
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121420\
Data File : VX019999.D
Acq On : 14 Dec 2020 20:08
Operator : JC/MD
Sample : L5052-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5778-121020

Quant Time: Dec 15 00:26:30 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



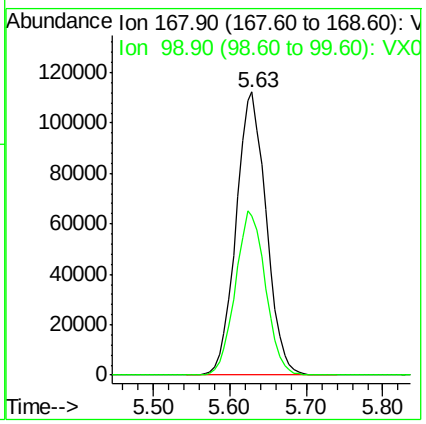


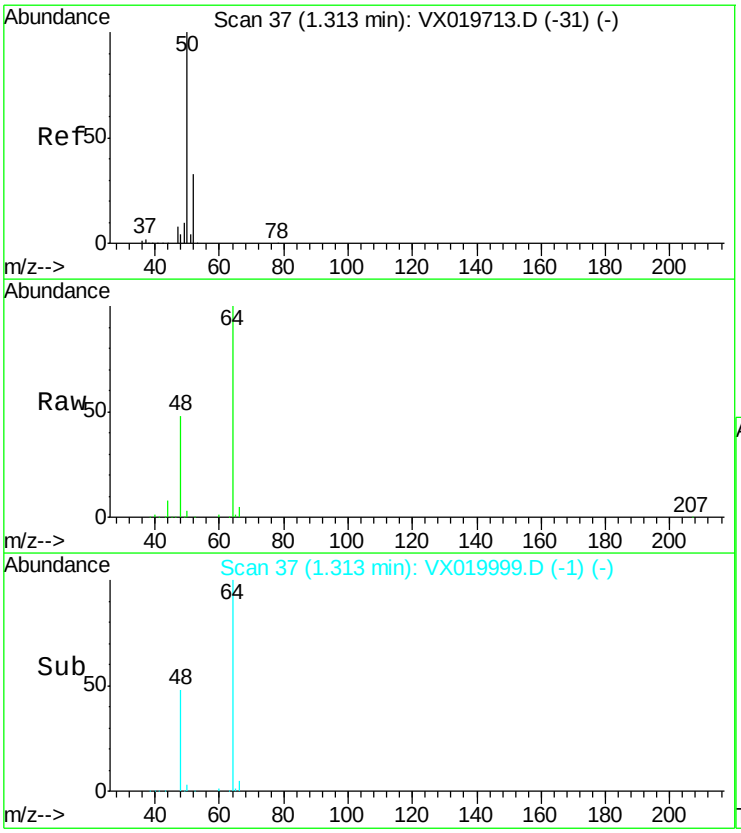
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.01 min
Lab File: VX019999.D
Acq: 14 Dec 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5778-121020

Tgt Ion:168 Resp: 307107

Ion	Ratio	Lower	Upper
168	100		
99	56.4	45.8	68.6

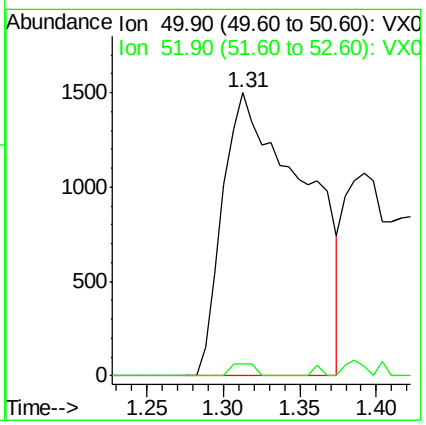


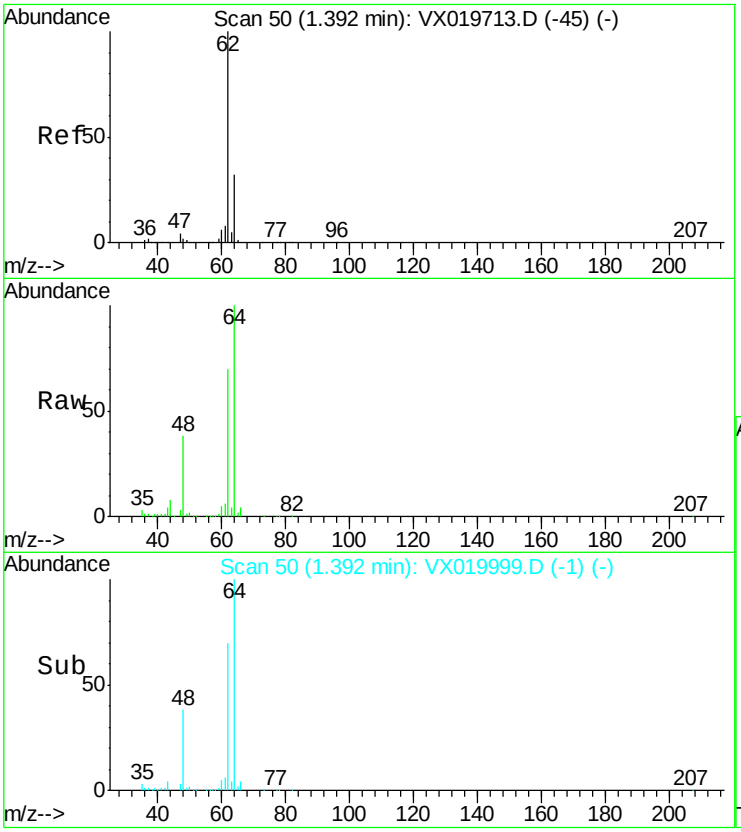


#3
Chloromethane
Concen: 1.697 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX019999.D
Acq: 14 Dec 2020 20:08

Tgt Ion: 50 Resp: 5613

Ion	Ratio	Lower	Upper
50	100		
52	4.1	26.4	39.6#



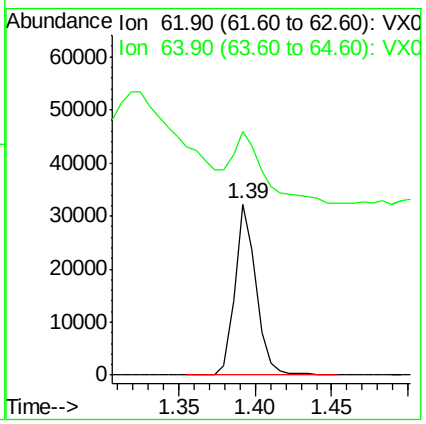


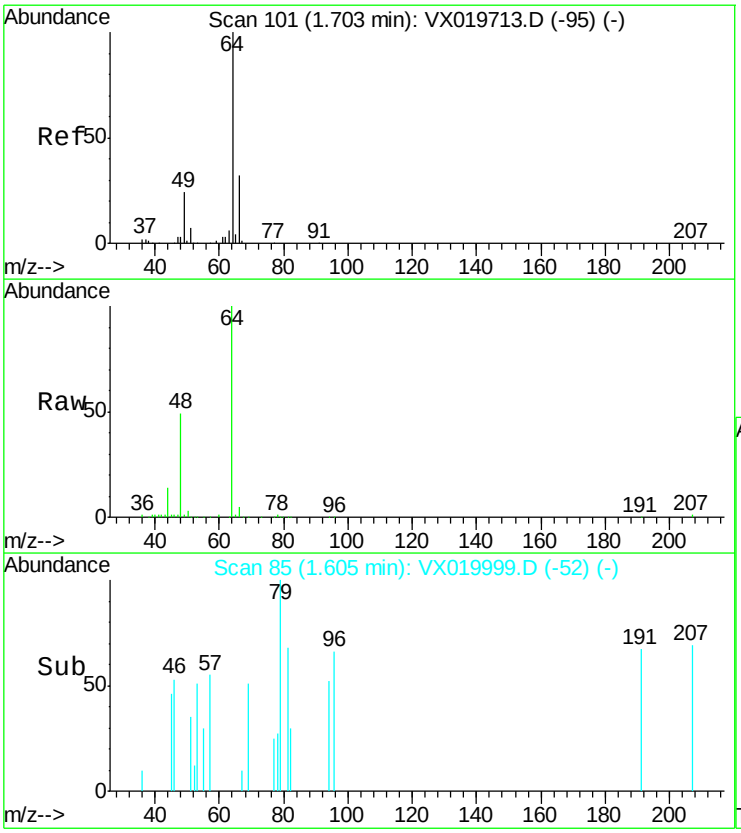
#4
Vinyl Chloride
Concen: 8.839 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX019999.D
Acq: 14 Dec 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5778-121020

Tgt Ion: 62 Resp: 30819

Ion	Ratio	Lower	Upper
62	100		
64	42.1	25.7	38.5#

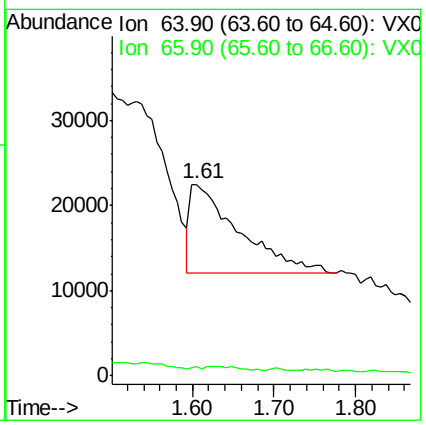


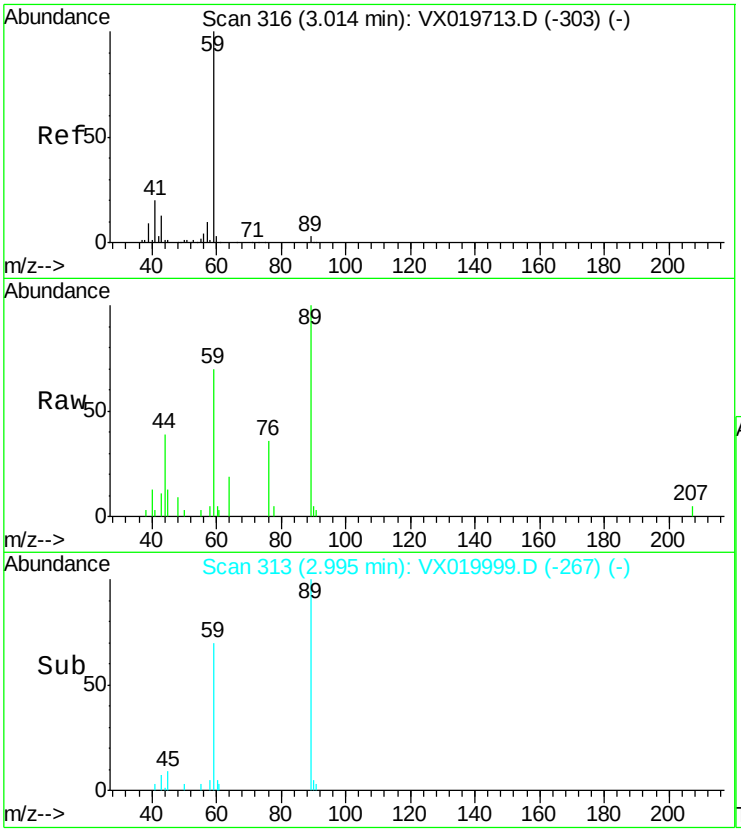


#6
Chloroethane
Concen: 20.602 ug/l
RT: 1.61 min Scan# 85
Delta R.T. -0.10 min
Lab File: VX019999.D
Acq: 14 Dec 2020 20:08

Tgt Ion: 64 Resp: 43150

Ion	Ratio	Lower	Upper
64	100		
66	5.0	25.4	38.0#



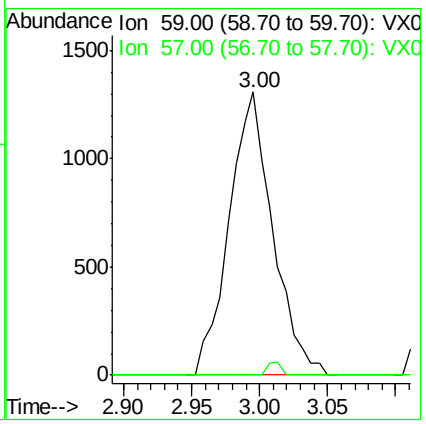


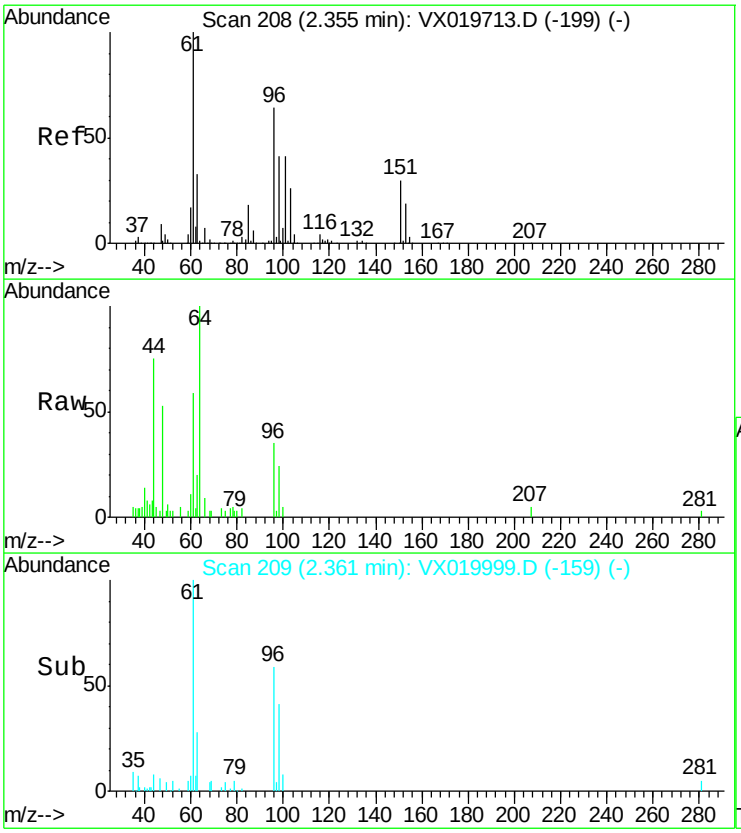
#11
Tert butyl alcohol
Concen: 0.919 ug/l
RT: 3.00 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX019999.D
Acq: 14 Dec 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5778-121020

Tgt Ion: 59 Resp: 2923

Ion	Ratio	Lower	Upper
59	100		
57	1.5	7.8	11.8#

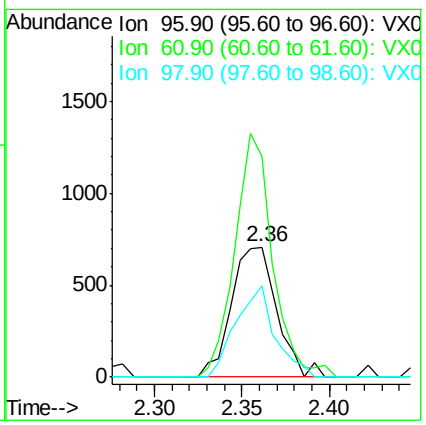


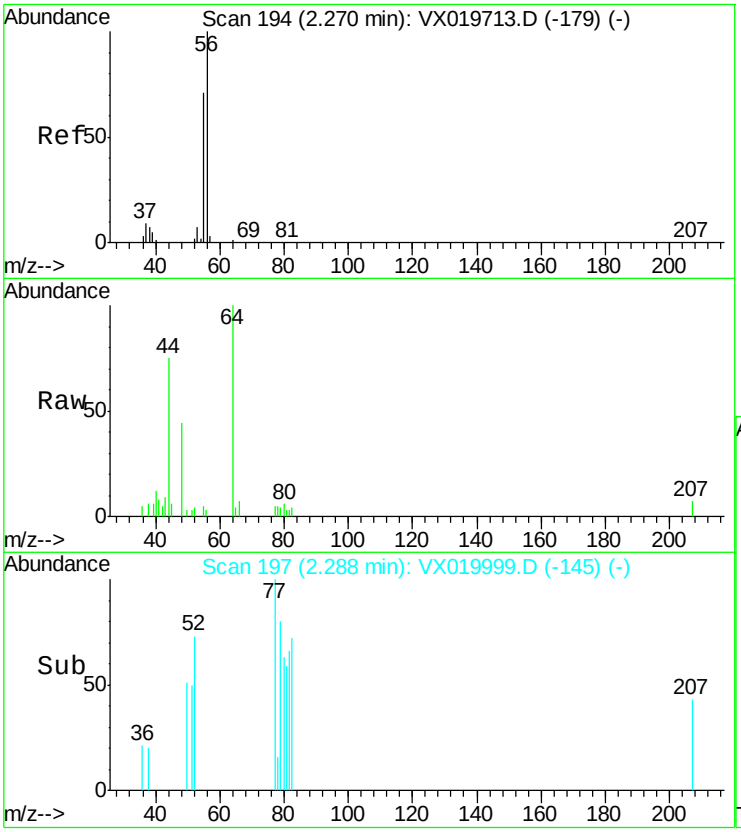


#12
1,1-Dichloroethene
Concen: 0.455 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.01 min
Lab File: VX019999.D
Acq: 14 Dec 2020 20:08

Tgt Ion: 96 Resp: 1280

Ion	Ratio	Lower	Upper
96	100		
61	170.4	124.6	187.0
98	70.3	50.6	76.0



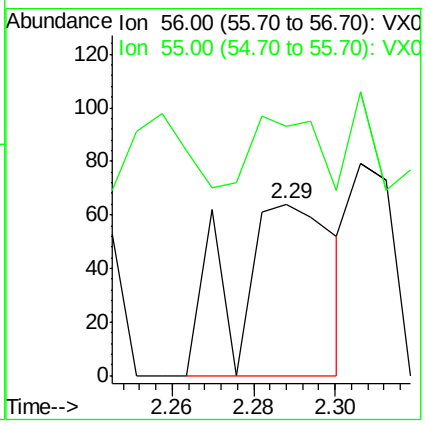


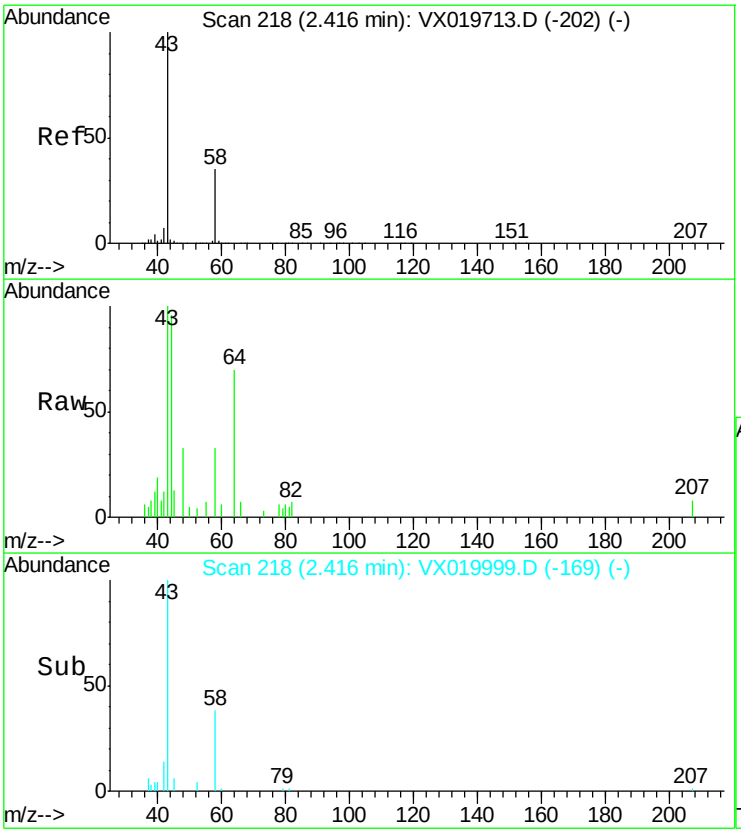
#13
Acrolein
Concen: 0.245 ug/l
RT: 2.29 min Scan# 197
Delta R.T. 0.02 min
Lab File: VX019999.D
Acq: 14 Dec 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5778-121020

Tgt Ion: 56 Resp: 109

Ion	Ratio	Lower	Upper
56	100		
55	31.2	56.4	84.6#

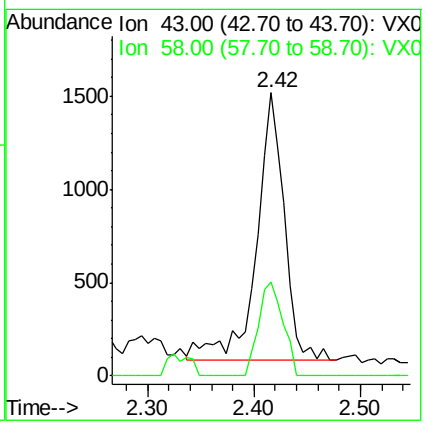


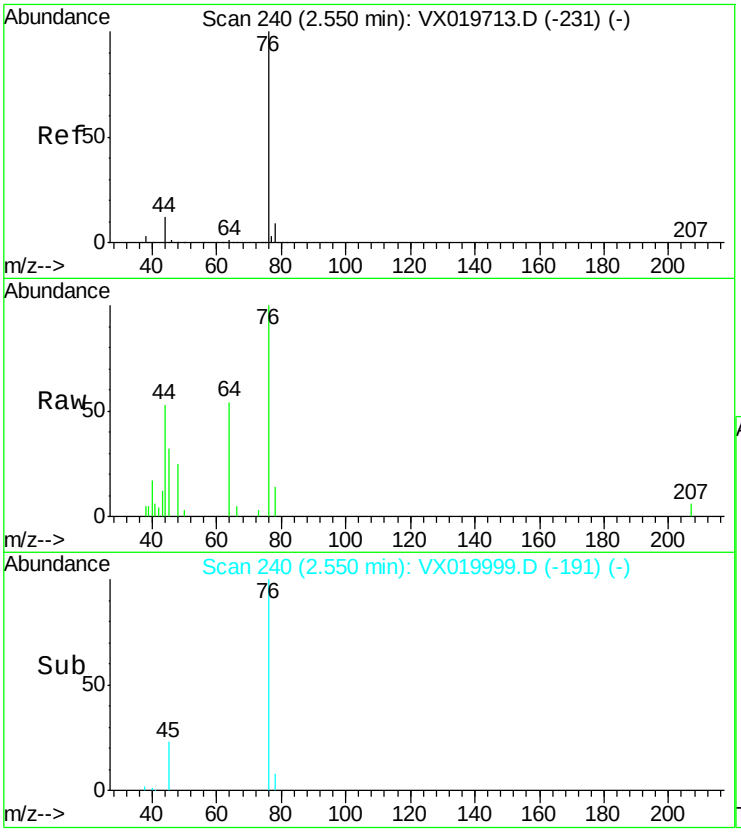


#16
Acetone
Concen: 1.734 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX019999.D
Acq: 14 Dec 2020 20:08

Tgt Ion: 43 Resp: 2631

Ion	Ratio	Lower	Upper
43	100		
58	35.1	27.8	41.8



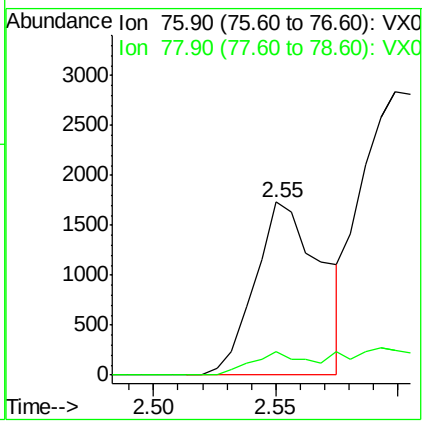


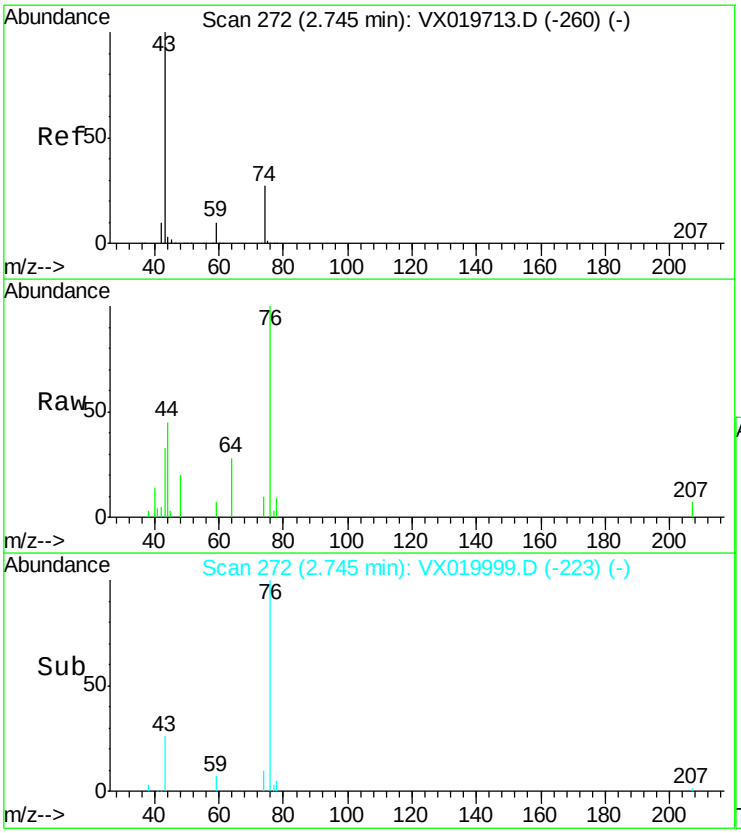
#17
Carbon Disulfide
Concen: 0.408 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX019999.D
Acq: 14 Dec 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5778-121020

Tgt Ion: 76 Resp: 3291

Ion	Ratio	Lower	Upper
76	100		
78	13.6	7.2	10.8#

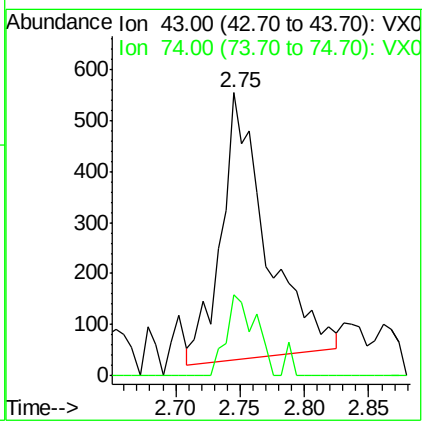


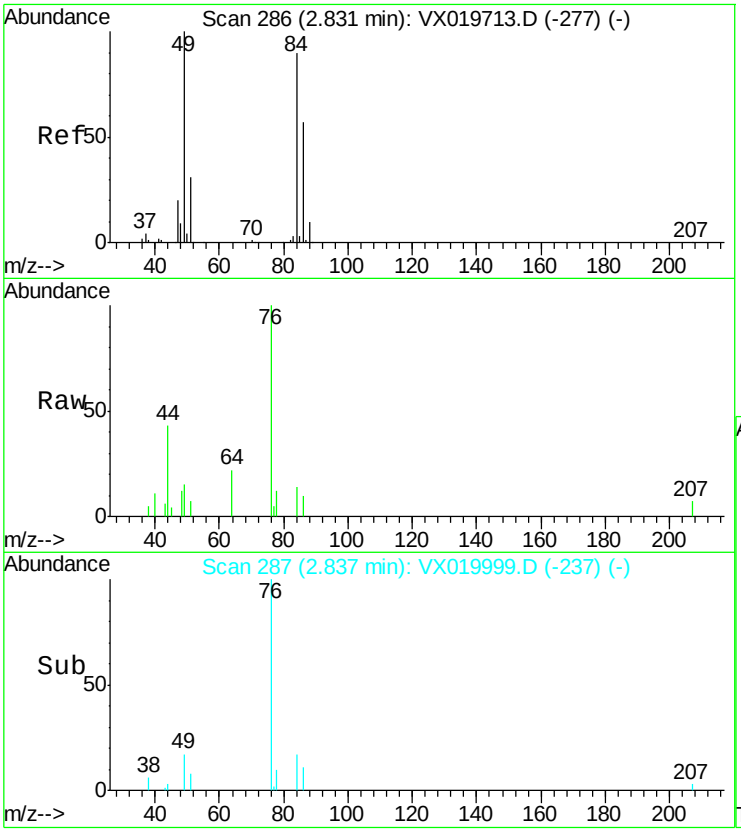


#18
Methyl Acetate
Concen: 0.345 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019999.D
Acq: 14 Dec 2020 20:08

Tgt Ion: 43 Resp: 1280

Ion	Ratio	Lower	Upper
43	100		
74	19.6	21.9	32.9#



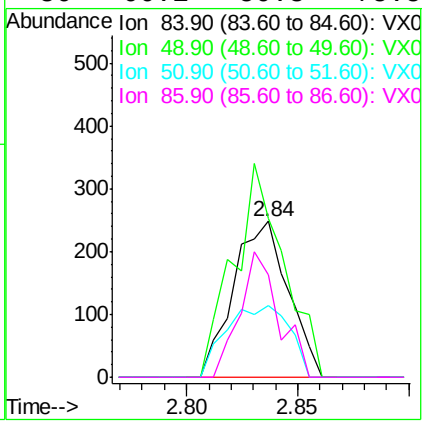


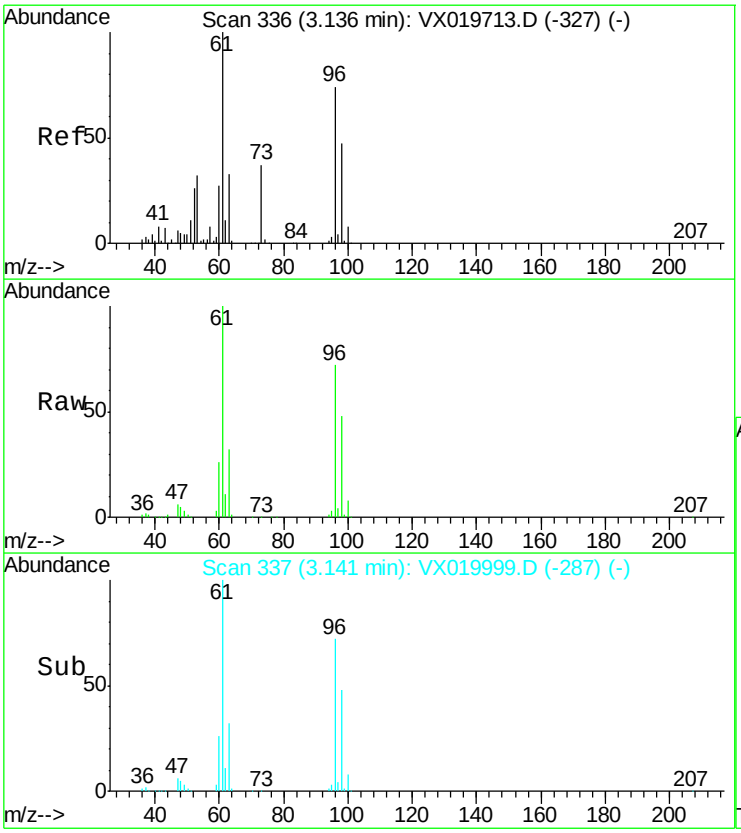
#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX019999.D
Acq: 14 Dec 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5778-121020

Tgt Ion: 84 Resp: 425

Ion	Ratio	Lower	Upper
84	100		
49	101.6	88.6	132.8
51	46.4	27.0	40.6#
86	66.1	50.3	75.5

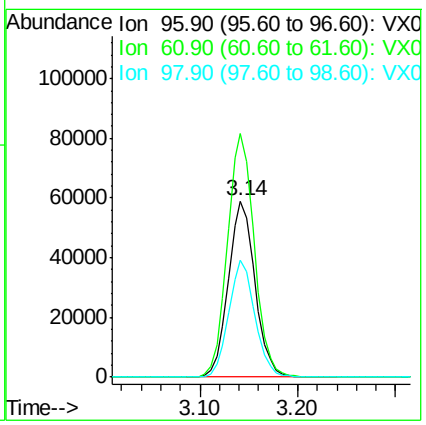


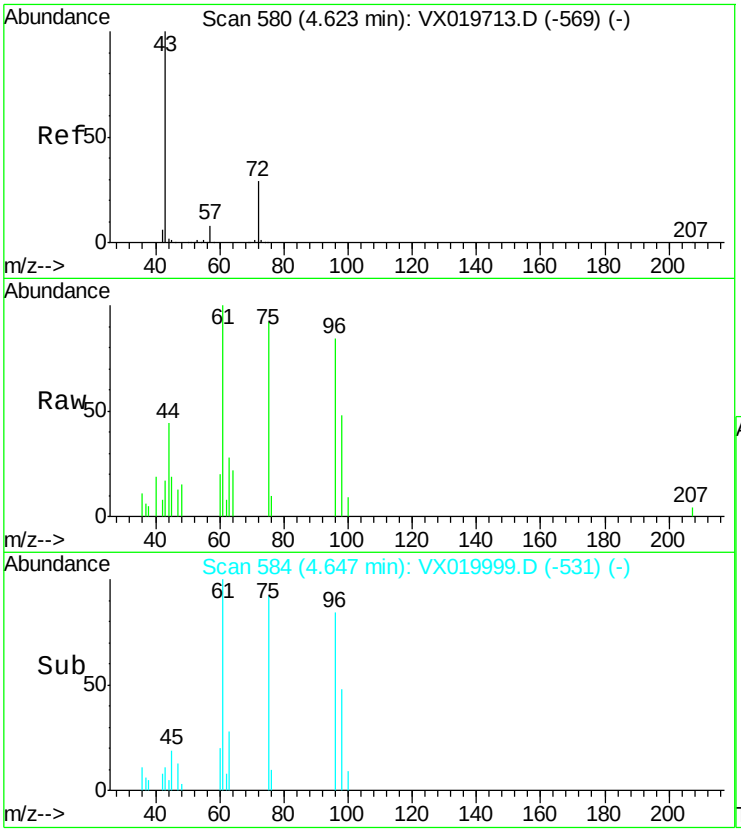


#21
trans-1,2-Dichloroethene
Concen: 33.944 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX019999.D
Acq: 14 Dec 2020 20:08

Tgt Ion: 96 Resp: 111350

Ion	Ratio	Lower	Upper
96	100		
61	138.3	107.7	161.5
98	66.1	50.4	75.6



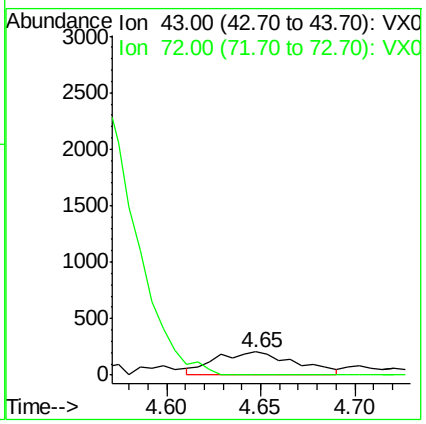


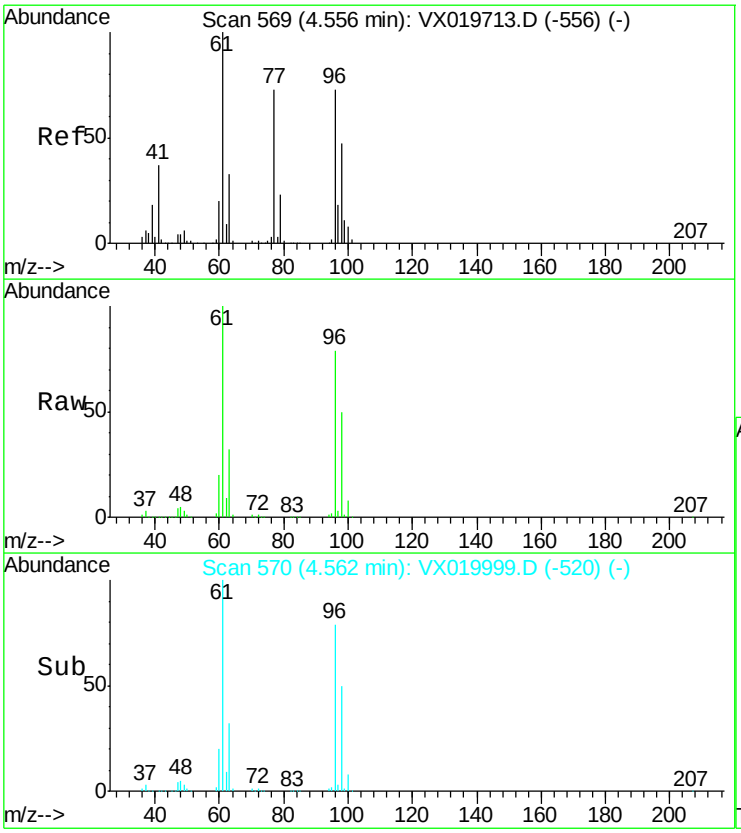
#25
2-Butanone
Concen: 0.262 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.02 min
Lab File: VX019999.D
Acq: 14 Dec 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5778-121020

Tgt Ion: 43 Resp: 611

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#

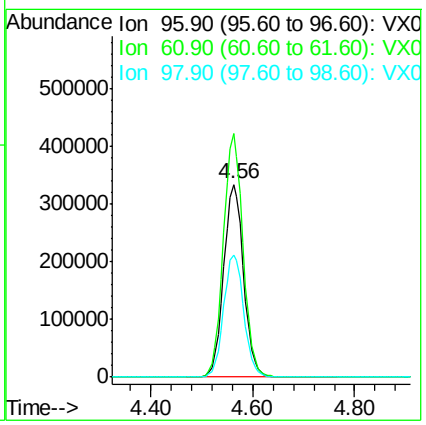


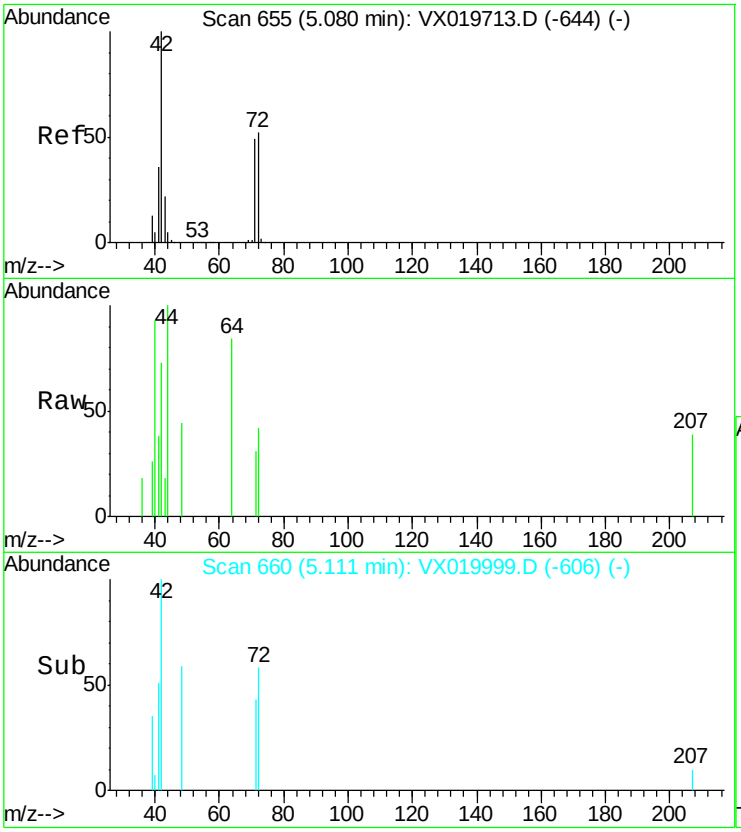


#27
cis-1,2-Dichloroethene
Concen: 234.884 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX019999.D
Acq: 14 Dec 2020 20:08

Tgt Ion: 96 Resp: 901713

Ion	Ratio	Lower	Upper
96	100		
61	125.3	0.0	285.6
98	64.5	0.0	129.6



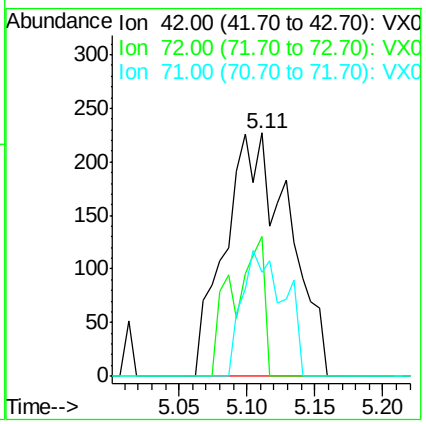


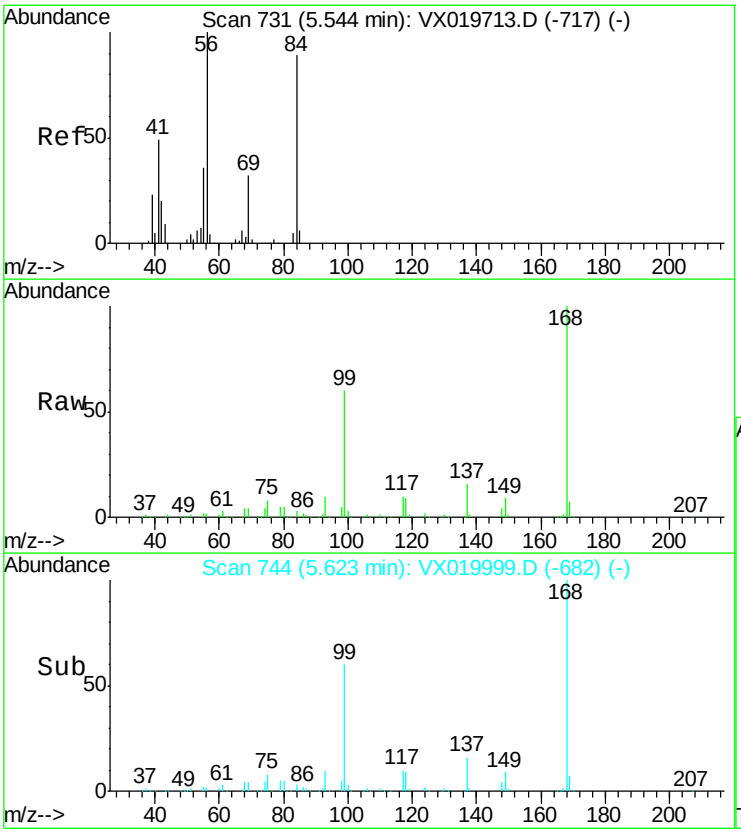
#29
Tetrahydrofuran
Concen: 0.497 ug/l
RT: 5.11 min Scan# 660
Delta R.T. 0.03 min
Lab File: VX019999.D
Acq: 14 Dec 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5778-121020

Tgt Ion: 42 Resp: 746

Ion	Ratio	Lower	Upper
42	100		
72	16.6	41.7	62.5#
71	34.0	38.4	57.6#

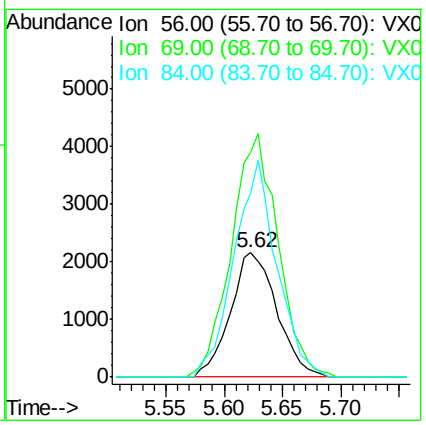


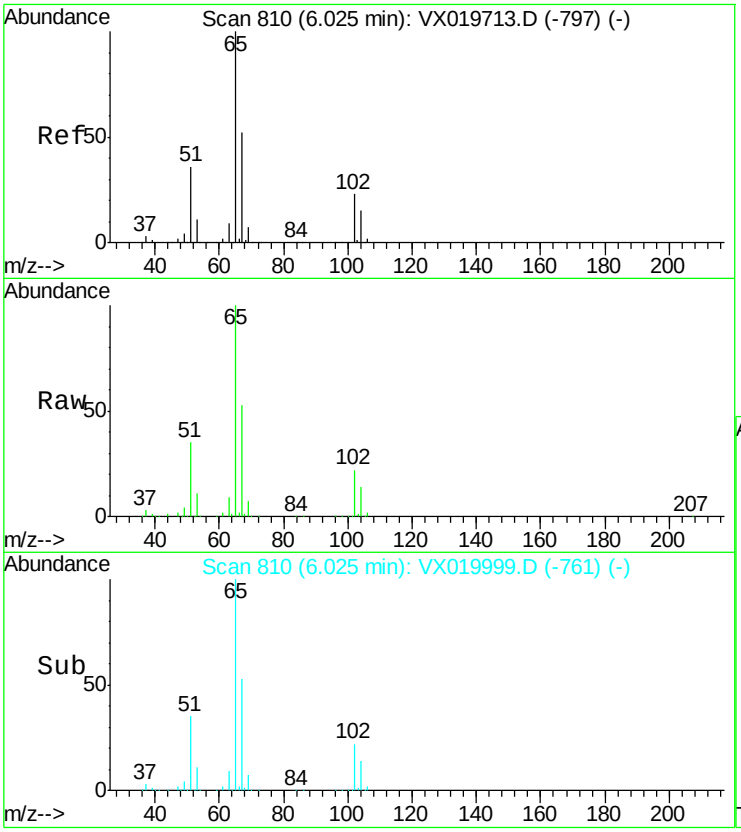


#31
Cyclohexane
Concen: 1.196 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.08 min
Lab File: VX019999.D
Acq: 14 Dec 2020 20:08

Tgt Ion: 56 Resp: 6004

Ion	Ratio	Lower	Upper
56	100		
69	180.7	25.3	37.9#
84	147.3	71.4	107.0#



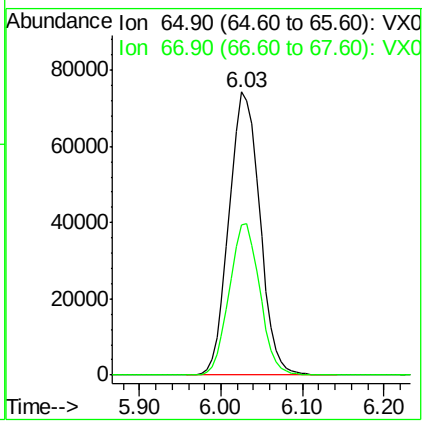


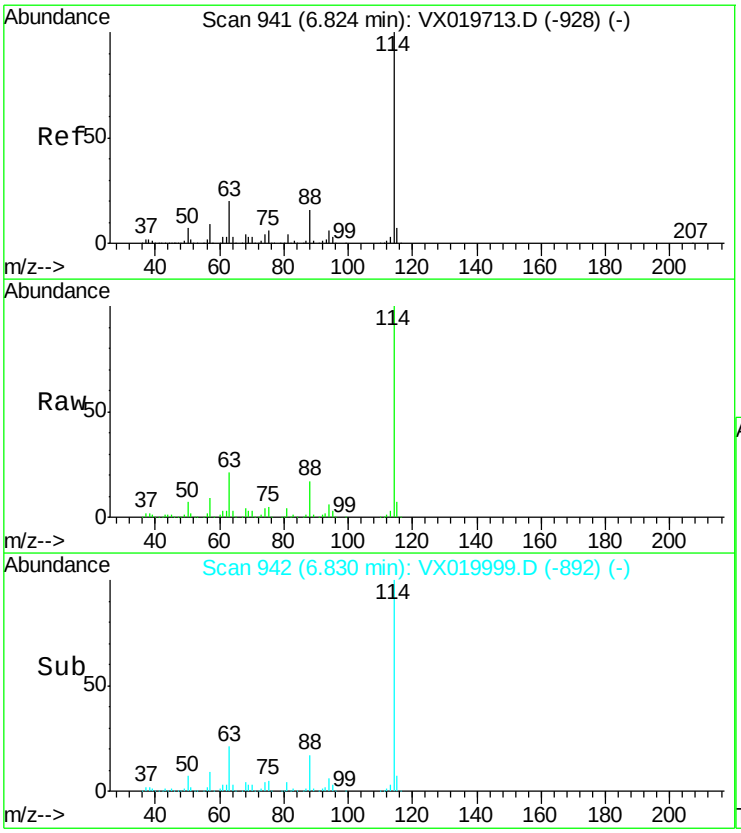
#33
1,2-Dichloroethane-d4
Concen: 48.257 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.00 min
Lab File: VX019999.D
Acq: 14 Dec 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5778-121020

Tgt Ion: 65 Resp: 194779

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	105.4

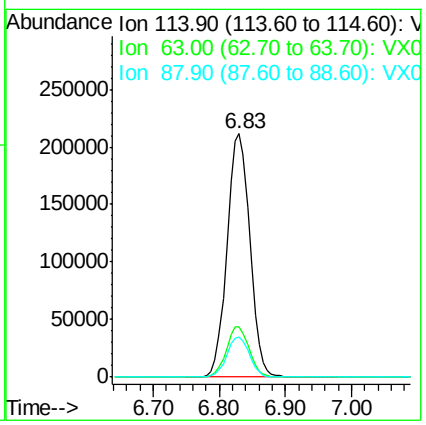


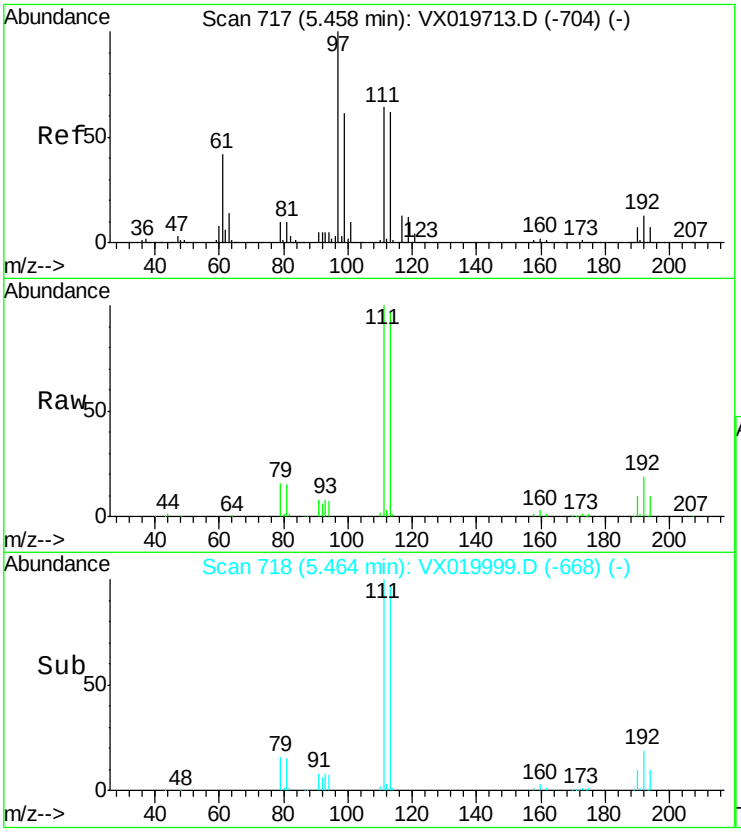


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX019999.D
Acq: 14 Dec 2020 20:08

Tgt Ion:114 Resp: 505327

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.8
88	16.6	0.0	32.8



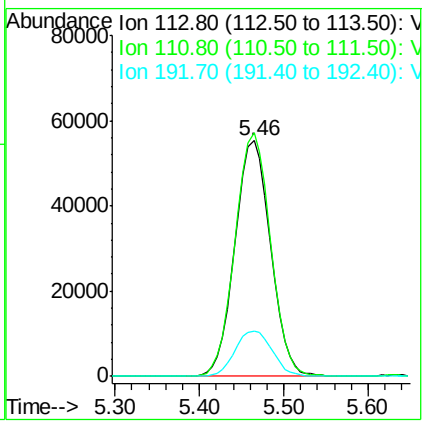


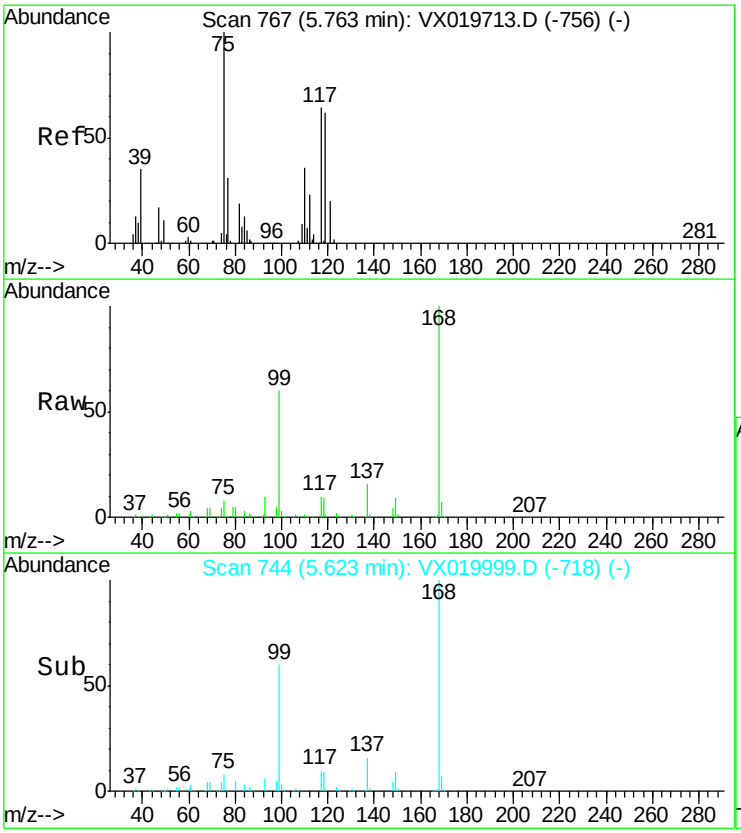
#35
Dibromofluoromethane
Concen: 48.692 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019999.D
Acq: 14 Dec 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5778-121020

Tgt Ion:113 Resp: 159020

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.9	122.9
192	19.9	16.7	25.1

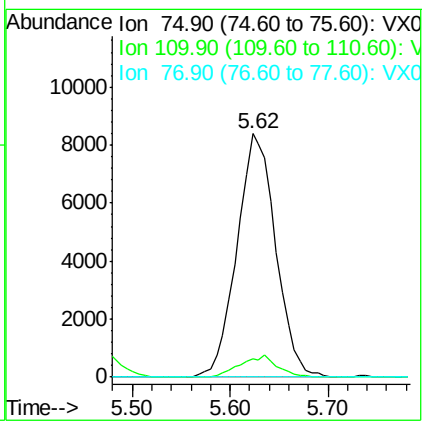


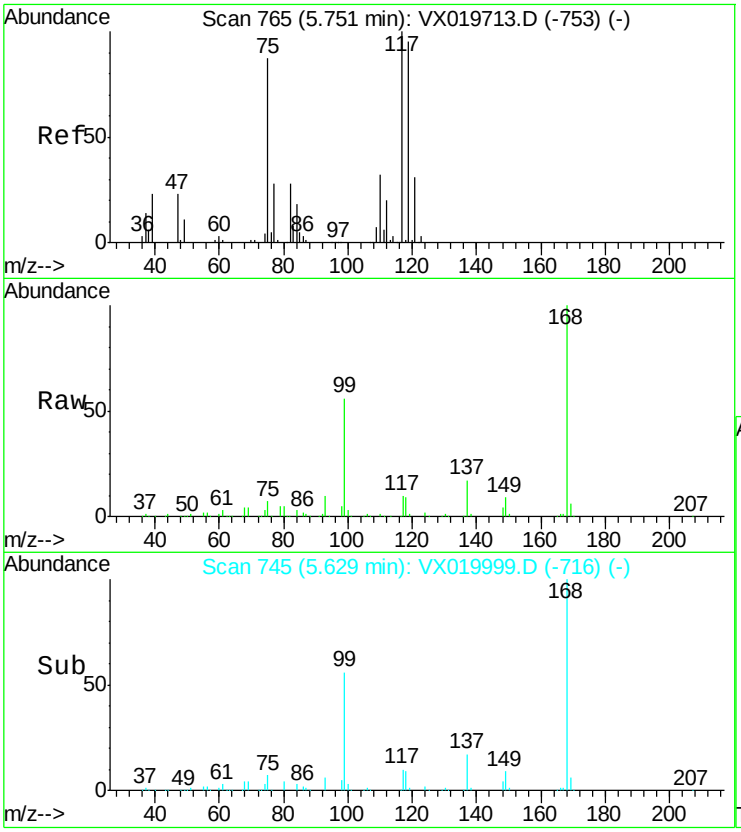


#36
1,1-Dichloropropene
Concen: 5.033 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.14 min
Lab File: VX019999.D
Acq: 14 Dec 2020 20:08

Tgt Ion: 75 Resp: 22984

Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.1	54.4#
77	0.0	25.3	37.9#



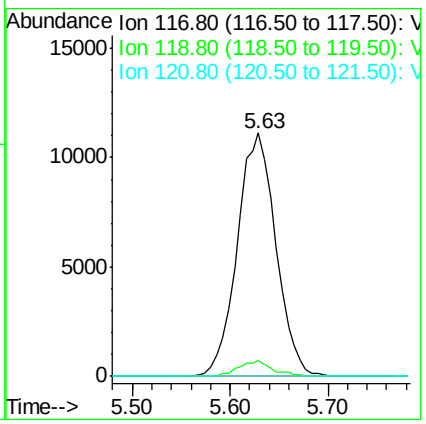


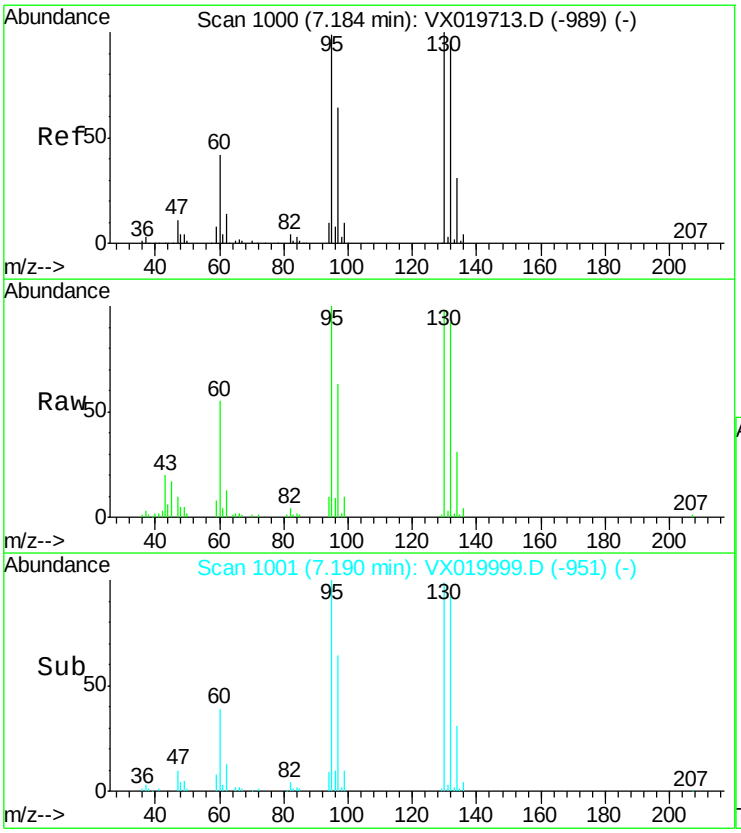
#38
Carbon Tetrachloride
Concen: 6.813 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX019999.D
Acq: 14 Dec 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5778-121020

Tgt Ion:117 Resp: 30464

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

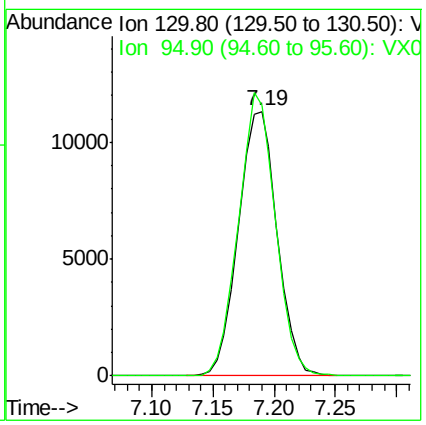


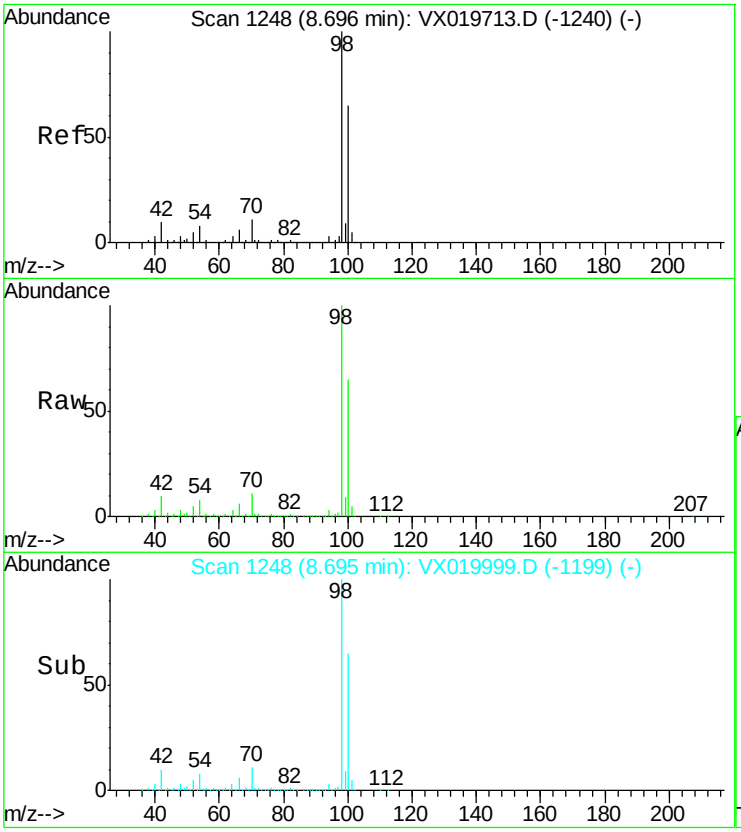


#44
Trichloroethene
Concen: 6.806 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VX019999.D
Acq: 14 Dec 2020 20:08

Tgt Ion:130 Resp: 24909

Ion	Ratio	Lower	Upper
130	100		
95	102.2	0.0	198.0



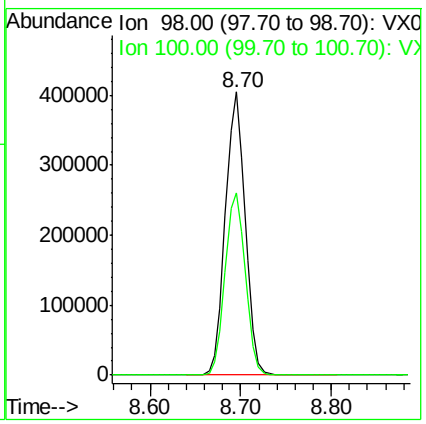


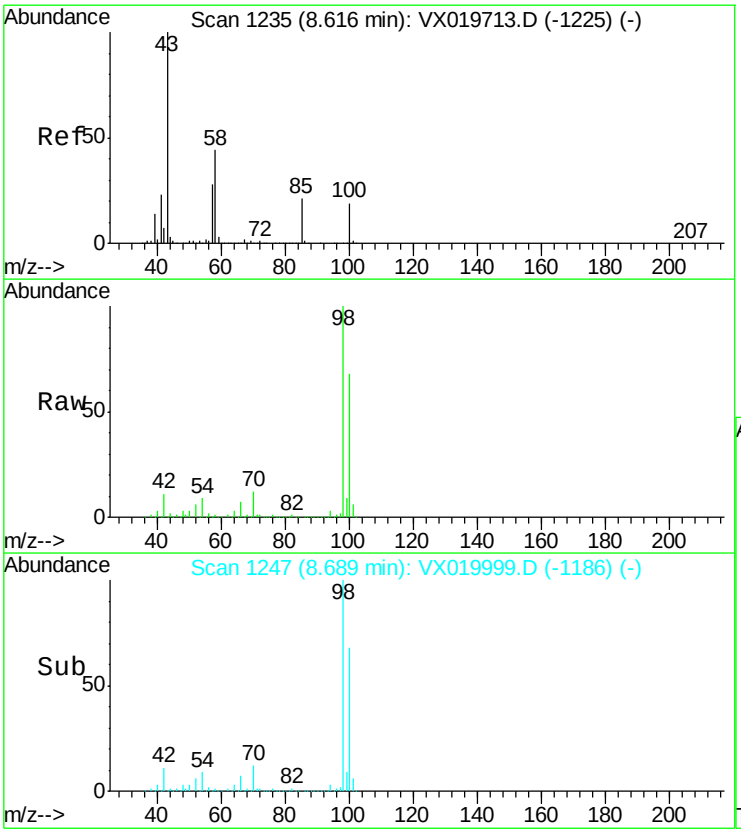
#50
Toluene-d8
Concen: 49.306 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019999.D
Acq: 14 Dec 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5778-121020

Tgt Ion: 98 Resp: 614762

Ion	Ratio	Lower	Upper
98	100		
100	65.9	51.9	77.9

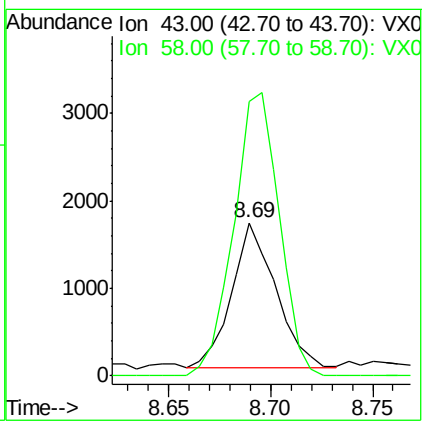


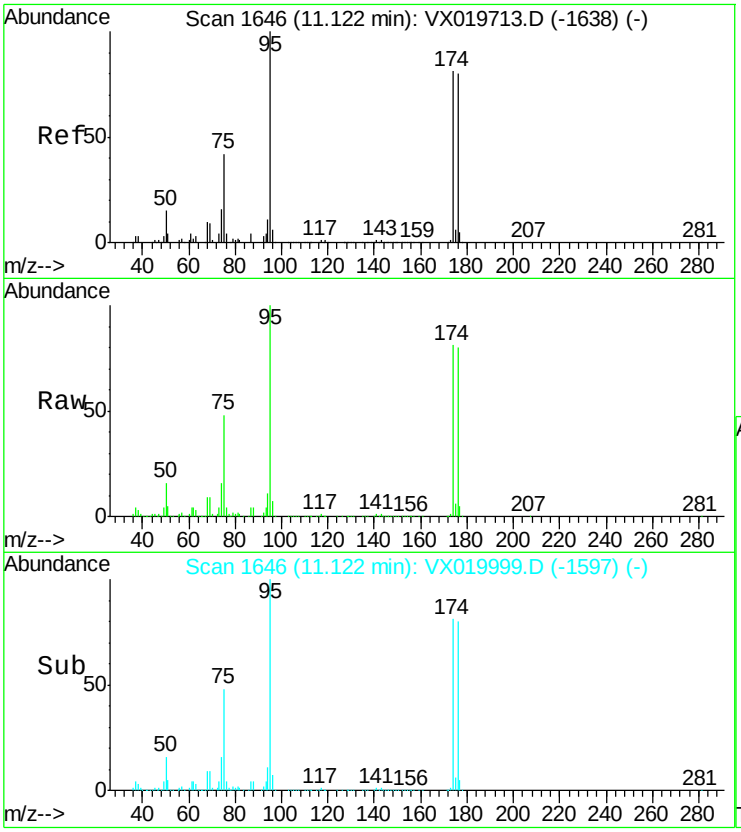


#51
4-Methyl-2-Pentanone
Concen: 0.539 ug/l
RT: 8.69 min Scan# 1247
Delta R.T. 0.07 min
Lab File: VX019999.D
Acq: 14 Dec 2020 20:08

Tgt Ion: 43 Resp: 2468

Ion	Ratio	Lower	Upper
43	100		
58	203.1	35.4	53.0#



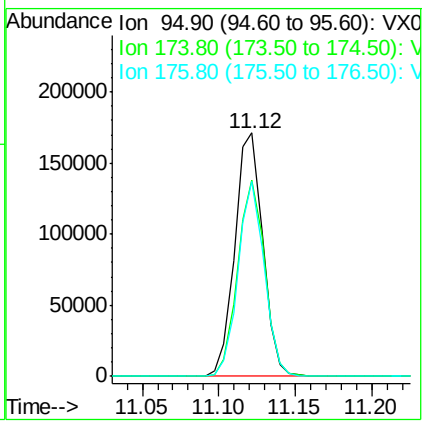


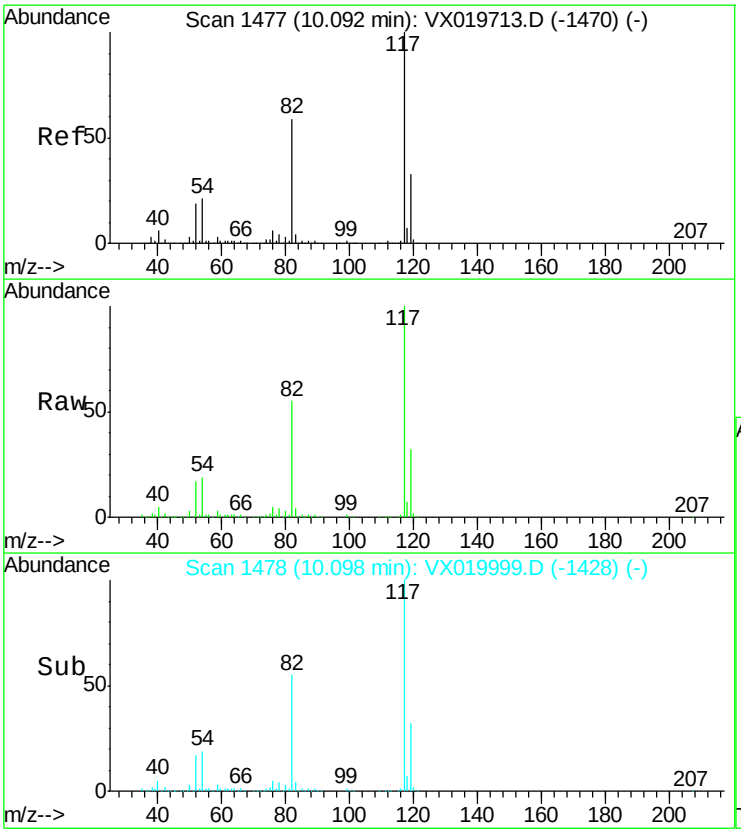
#62
4-Bromofluorobenzene
Concen: 45.673 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019999.D
Acq: 14 Dec 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5778-121020

Tgt Ion: 95 Resp: 216744

Ion	Ratio	Lower	Upper
95	100		
174	78.2	0.0	154.6
176	75.3	0.0	155.8

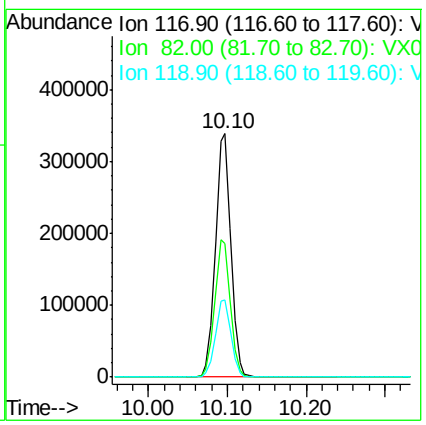


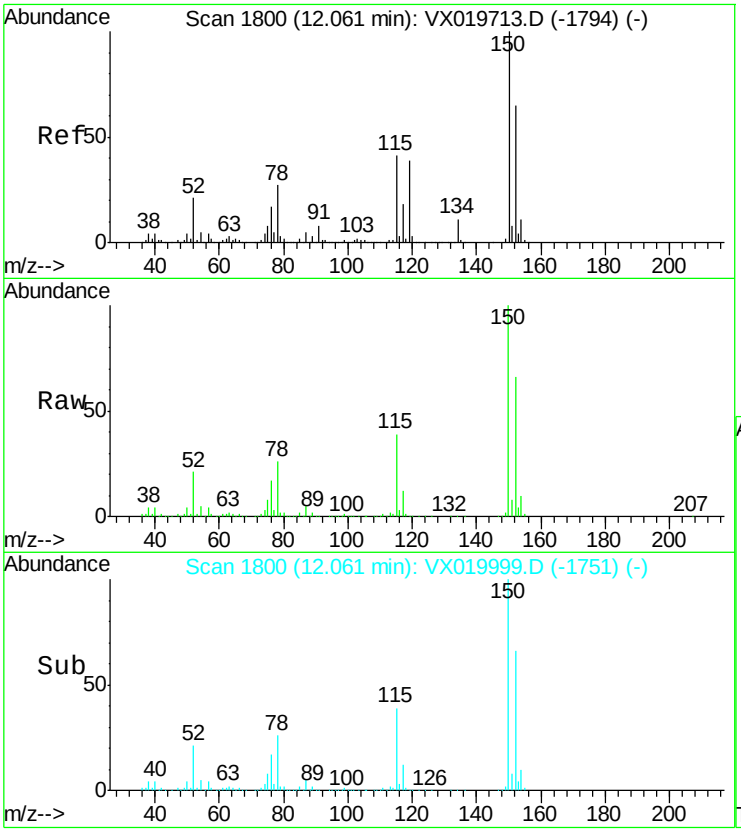


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019999.D
Acq: 14 Dec 2020 20:08

Tgt Ion:117 Resp: 463496

Ion	Ratio	Lower	Upper
117	100		
82	54.8	47.4	71.2
119	32.0	26.6	39.8



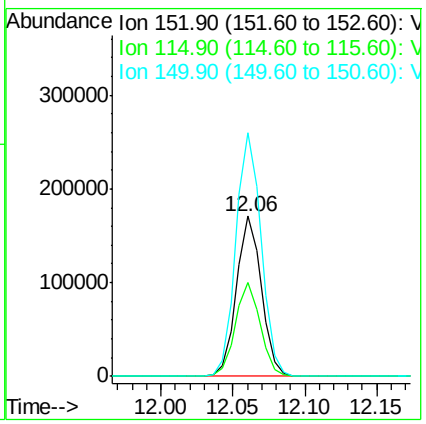


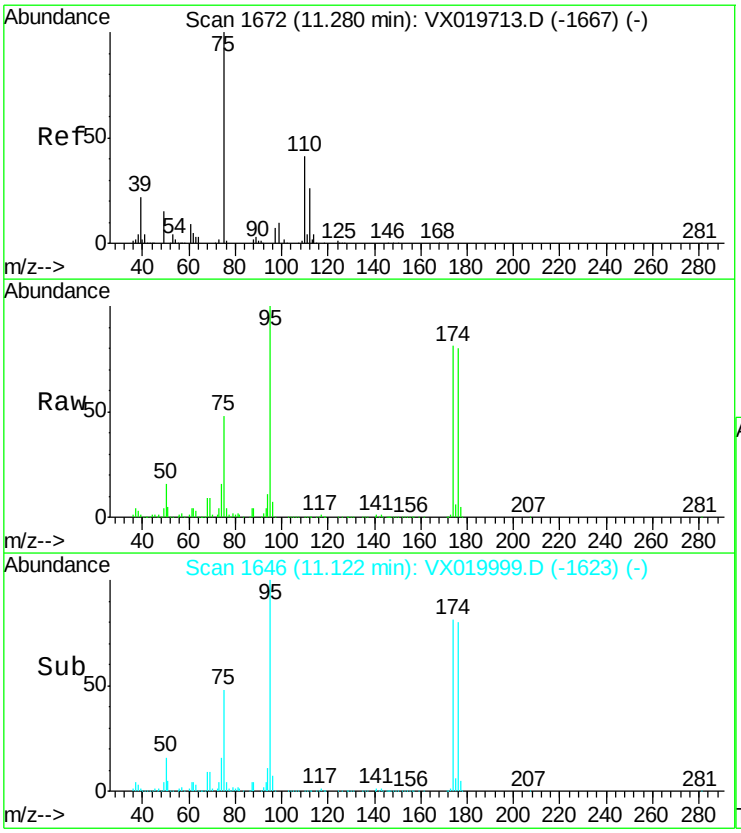
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019999.D
Acq: 14 Dec 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5778-121020

Tgt Ion:152 Resp: 205376

Ion	Ratio	Lower	Upper
152	100		
115	58.8	41.1	123.3
150	155.0	0.0	349.0

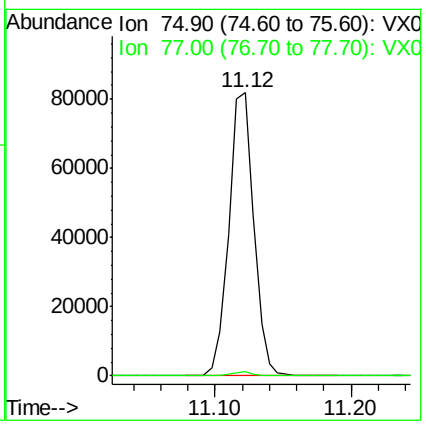


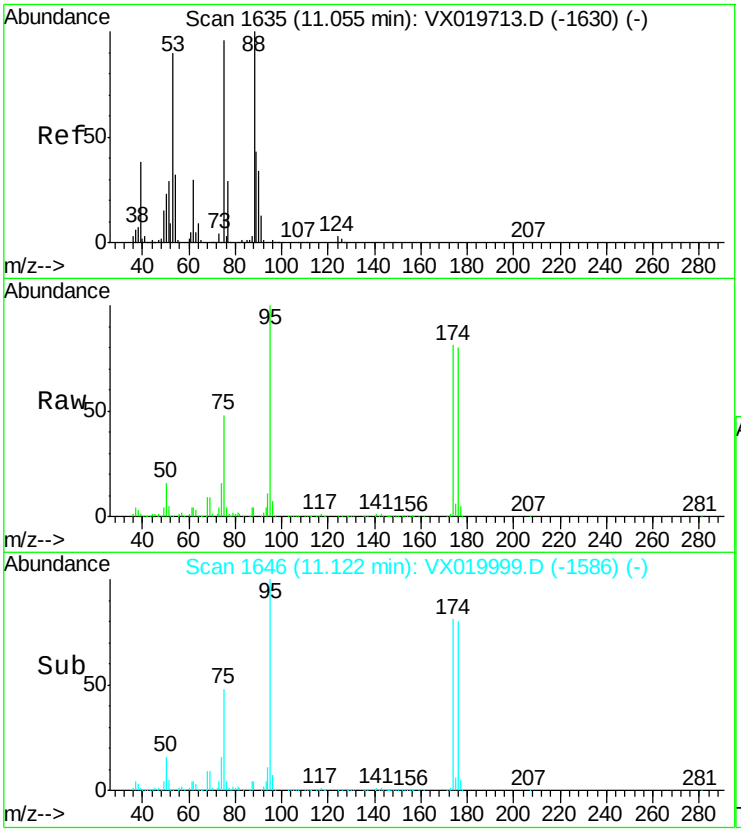


#76
1,2,3-Trichloropropane
Concen: 22.678 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX019999.D
Acq: 14 Dec 2020 20:08

Tgt Ion: 75 Resp: 104461

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 65.559 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX019999.D
Acq: 14 Dec 2020 20:08

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5778-121020

Tgt Ion: 75 Resp: 104461

Ion	Ratio	Lower	Upper
75	100		
53	0.2	74.5	111.7#
89	0.0	37.9	56.9#