Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121420\
Data File : VX019985.D
Acq On : 14 Dec 2020 14:42
Operator : JC/MD
Sample : L5052-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TU032-32-6777-121020

Quant Time: Dec 15 00:23:16 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	303880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	504523	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	465796	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	206377	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	195820	49.03	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 98.06%			
35) Dibromofluoromethane	5.46	113	157802	48.40	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.80%			
50) Toluene-d8	8.70	98	614859	49.39	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.78%			
62) 4-Bromofluorobenzene	11.12	95	215631	45.51	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.02%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	6026	2.166	ug/l	96
3) Chloromethane	1.31	50	3763	1.150	ug/l #	58
4) Vinyl Chloride	1.39	62	6639	1.924	ug/l	95
5) Bromomethane	1.63	94	581	0.507	ug/l	88
6) Chloroethane	1.61	64	12305	5.937	ug/l #	51
11) Tert butyl alcohol	3.00	59	1083	Below Cal	#	73
13) Acrolein	2.28	56	114	0.259	ug/l #	14
15) Acrylonitrile	3.11	53	453	0.251	ug/l #	73
16) Acetone	2.42	43	2425	1.615	ug/l	97
17) Carbon Disulfide	2.56	76	1666	0.209	ug/l	98
20) Methylene Chloride	2.83	84	415	Below Cal		94
21) trans-1,2-Dichloroethene	3.14	96	20045	6.175	ug/l	88
27) cis-1,2-Dichloroethene	4.56	96	7390	1.945	ug/l	100
29) Tetrahydrofuran	5.11	42	1072	0.721	ug/l #	51
31) Cyclohexane	5.62	56	5679	1.143	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	23048	5.055	ug/l #	49
38) Carbon Tetrachloride	5.63	117	30000	6.720	ug/l #	17
44) Trichloroethene	7.19	130	1393	0.381	ug/l	93
76) 1,2,3-Trichloropropane	11.12	75	105067	22.699	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.12	75	105067	65.619	ug/l #	12

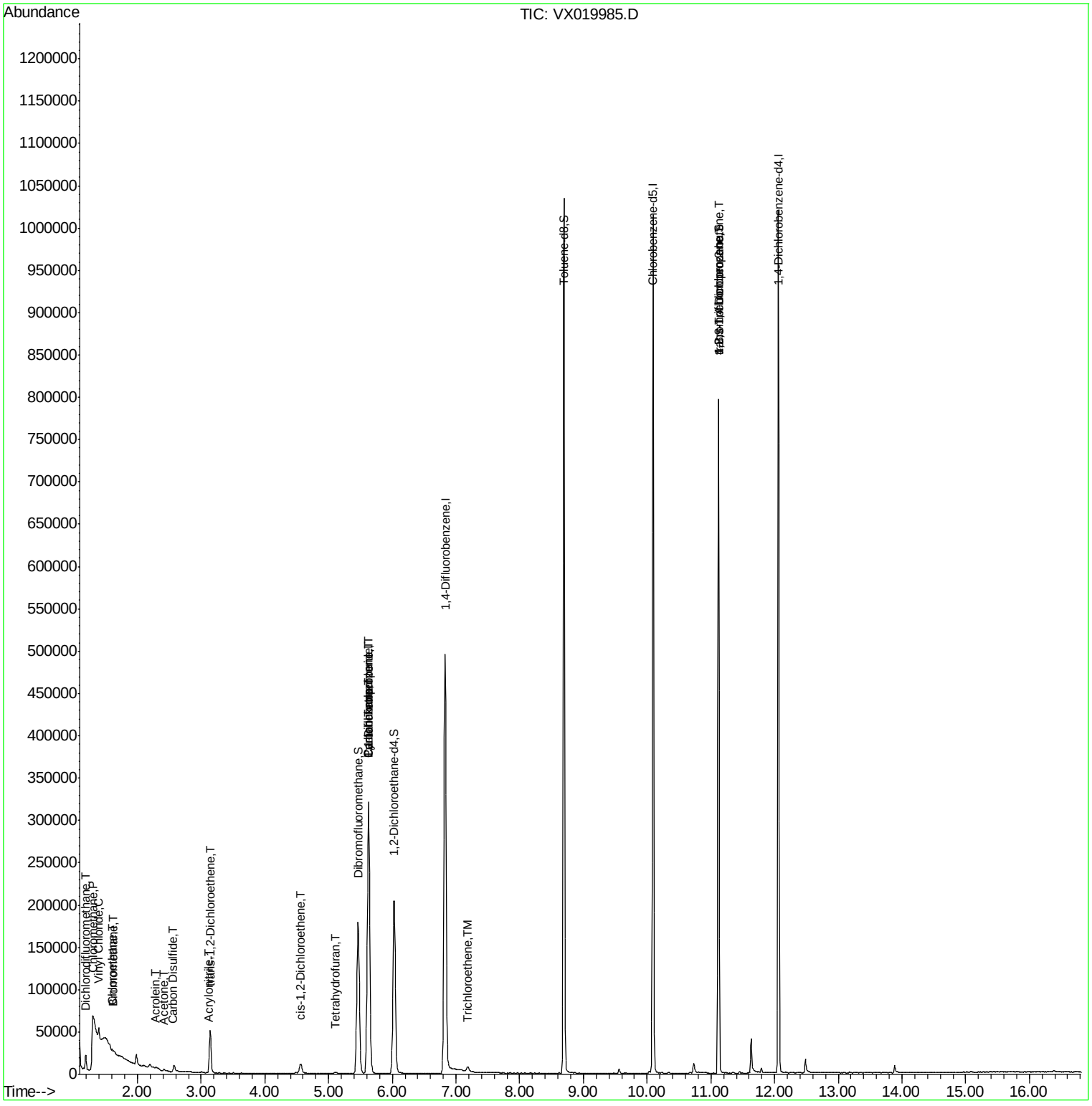
(#) = qualifier out of range (m) = manual integration (+) = signals summed

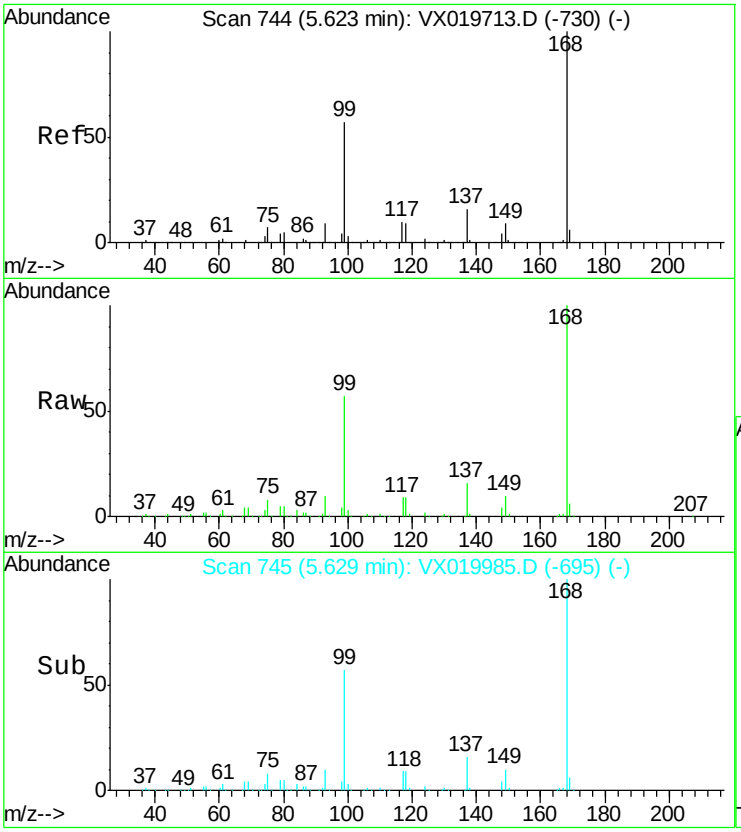
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121420\
Data File : VX019985.D
Acq On : 14 Dec 2020 14:42
Operator : JC/MD
Sample : L5052-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6777-121020

Quant Time: Dec 15 00:23:16 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



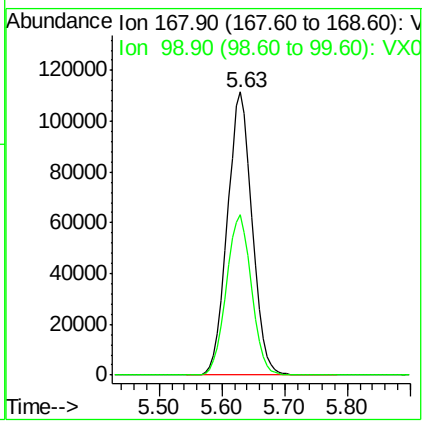


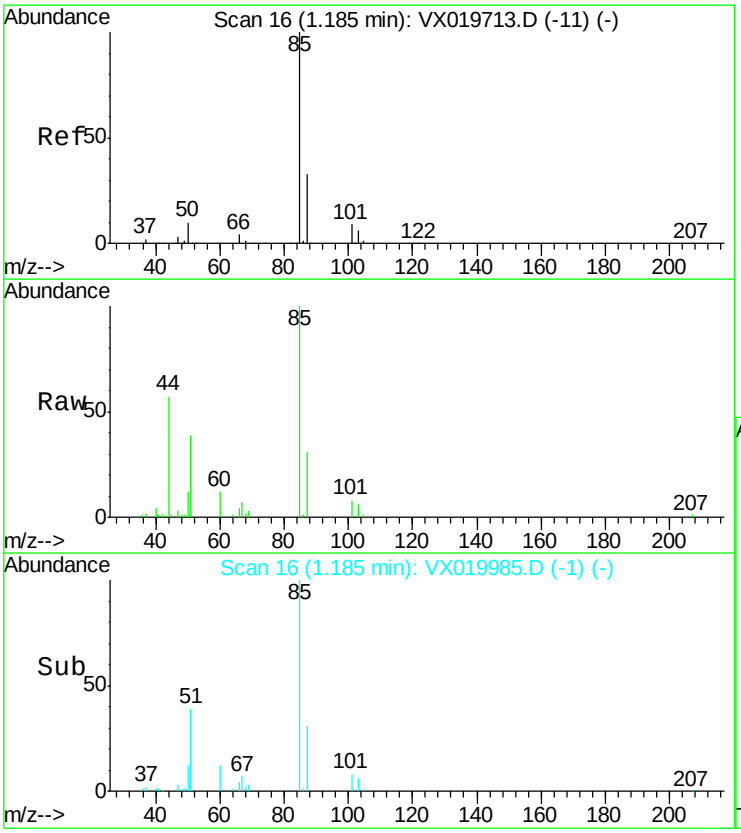
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.01 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6777-121020

Tgt Ion:168 Resp: 303880

Ion	Ratio	Lower	Upper
168	100		
99	56.9	45.8	68.6

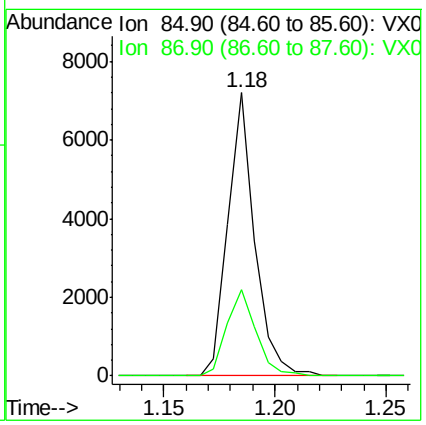


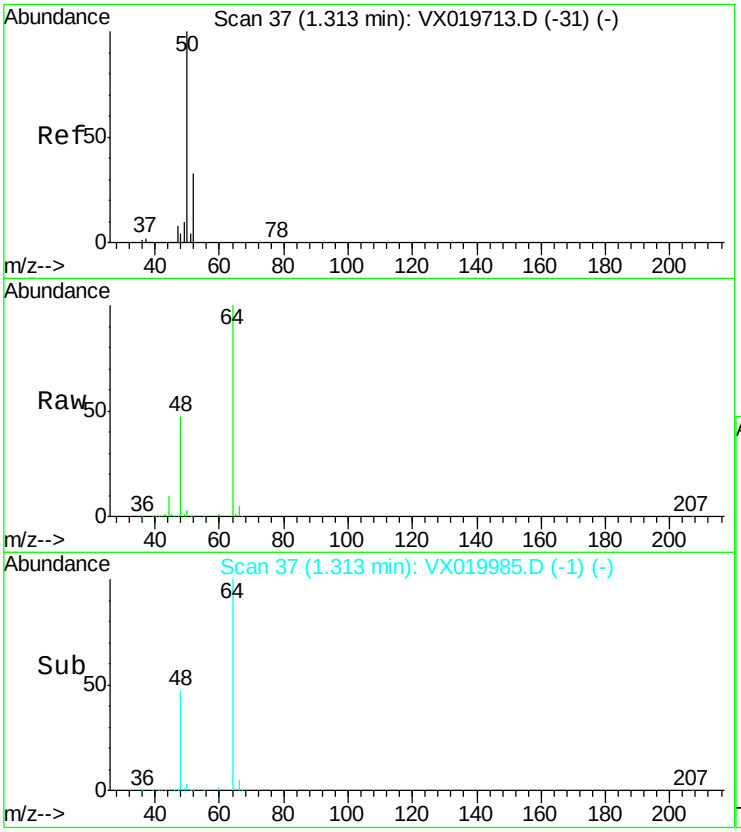


#2
Dichlorodifluoromethane
Concen: 2.166 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Tgt Ion: 85 Resp: 6026

Ion	Ratio	Lower	Upper
85	100		
87	30.5	16.4	49.2



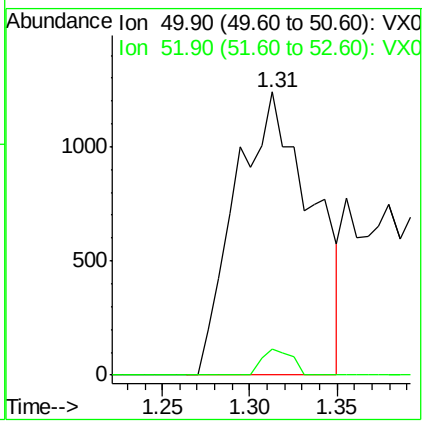


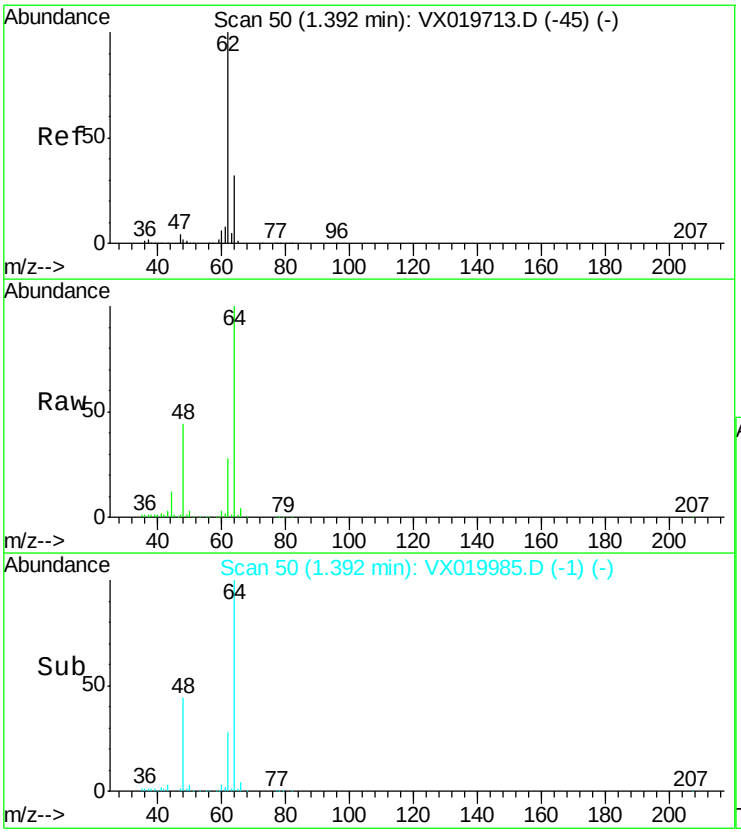
#3
Chloromethane
Concen: 1.150 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6777-121020

Tgt Ion: 50 Resp: 3763

Ion	Ratio	Lower	Upper
50	100		
52	9.4	26.4	39.6#

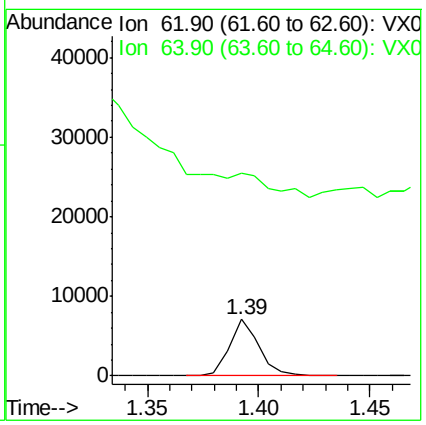


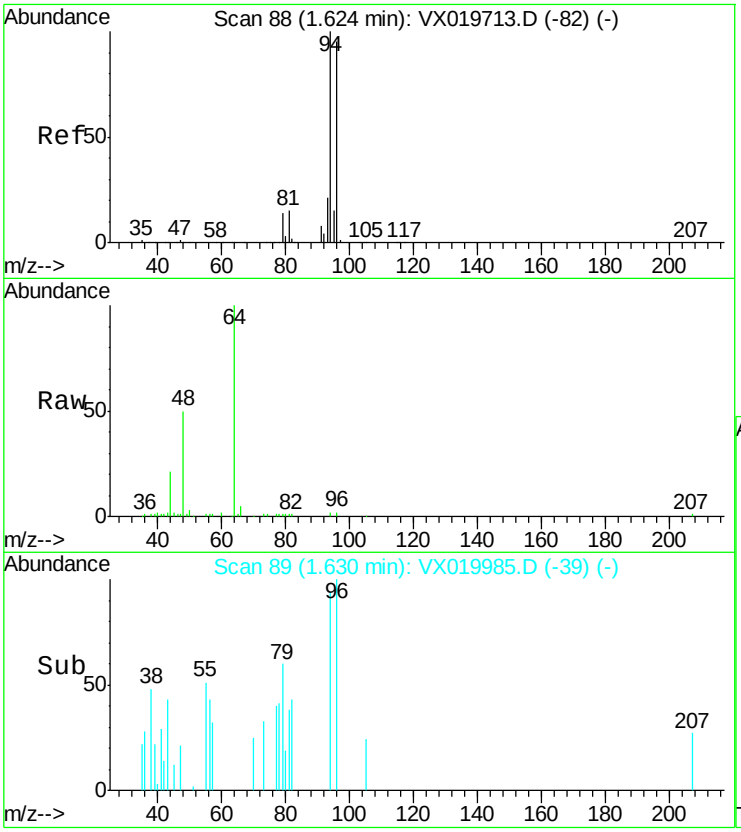


#4
Vinyl Chloride
Concen: 1.924 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Tgt Ion: 62 Resp: 6639

Ion	Ratio	Lower	Upper
62	100		
64	29.1	25.7	38.5



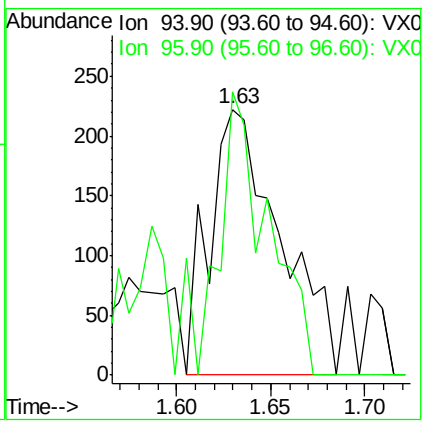


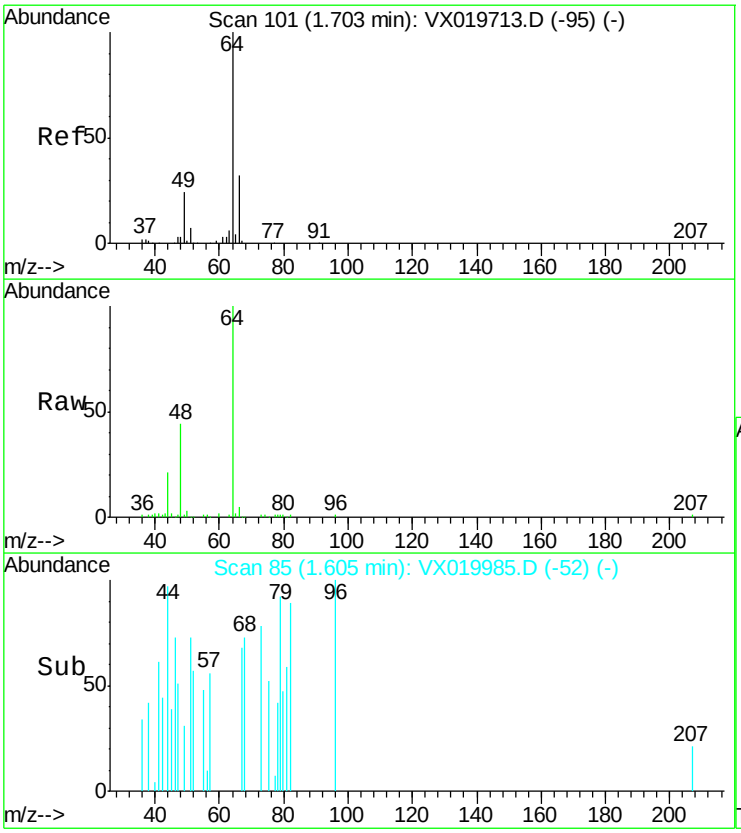
#5
Bromomethane
Concen: 0.507 ug/l
RT: 1.63 min Scan# 89
Delta R.T. 0.01 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6777-121020

Tgt Ion: 94 Resp: 581

Ion	Ratio	Lower	Upper
94	100		
96	106.8	76.4	114.6

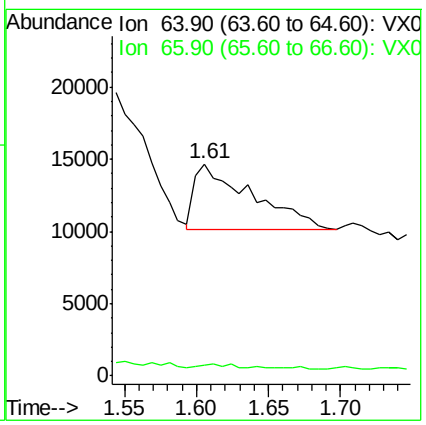


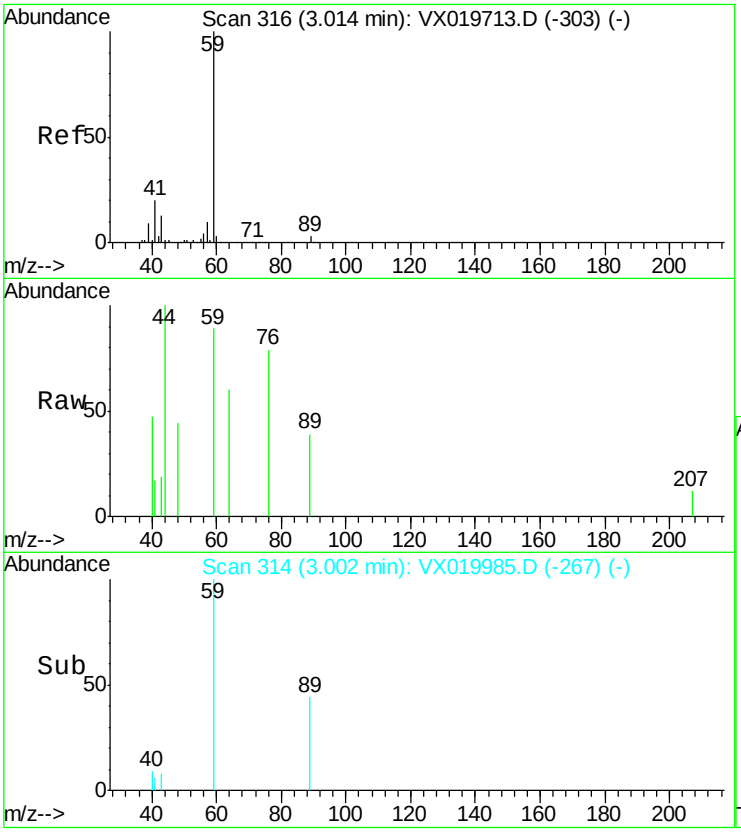


#6
Chloroethane
Concen: 5.937 ug/l
RT: 1.61 min Scan# 85
Delta R.T. -0.10 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Tgt Ion: 64 Resp: 12305

Ion	Ratio	Lower	Upper
64	100		
66	4.5	25.4	38.0#



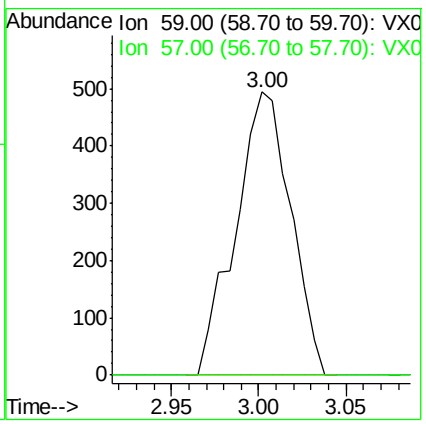


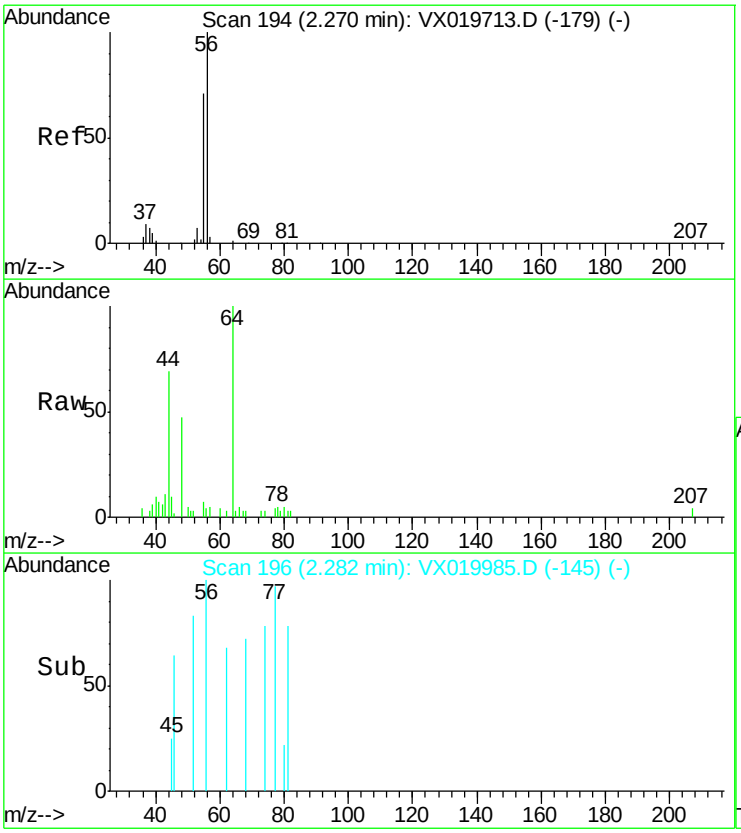
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.00 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6777-121020

Tgt Ion: 59 Resp: 1083

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

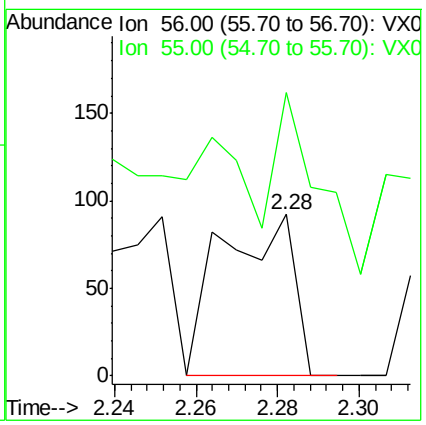


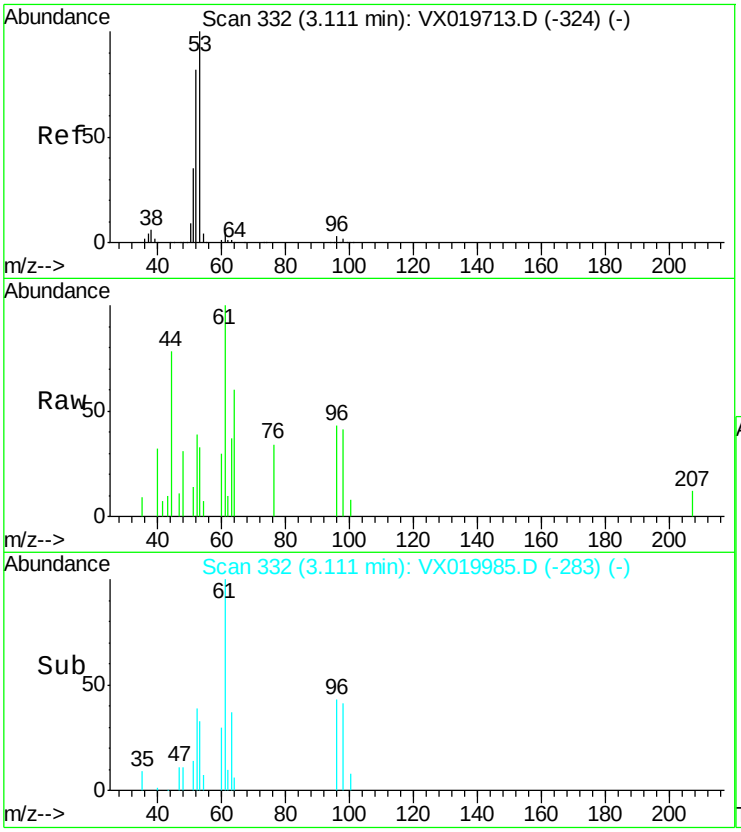


#13
Acrolein
Concen: 0.259 ug/l
RT: 2.28 min Scan# 196
Delta R.T. 0.01 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Tgt Ion: 56 Resp: 114

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.4	84.6#



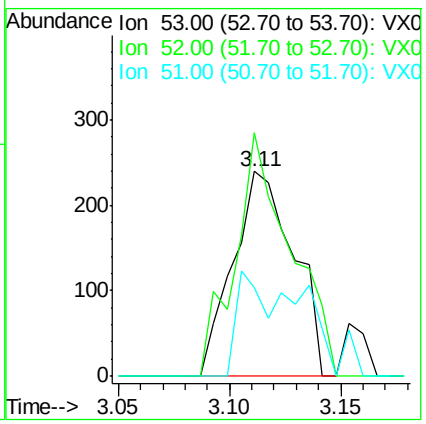


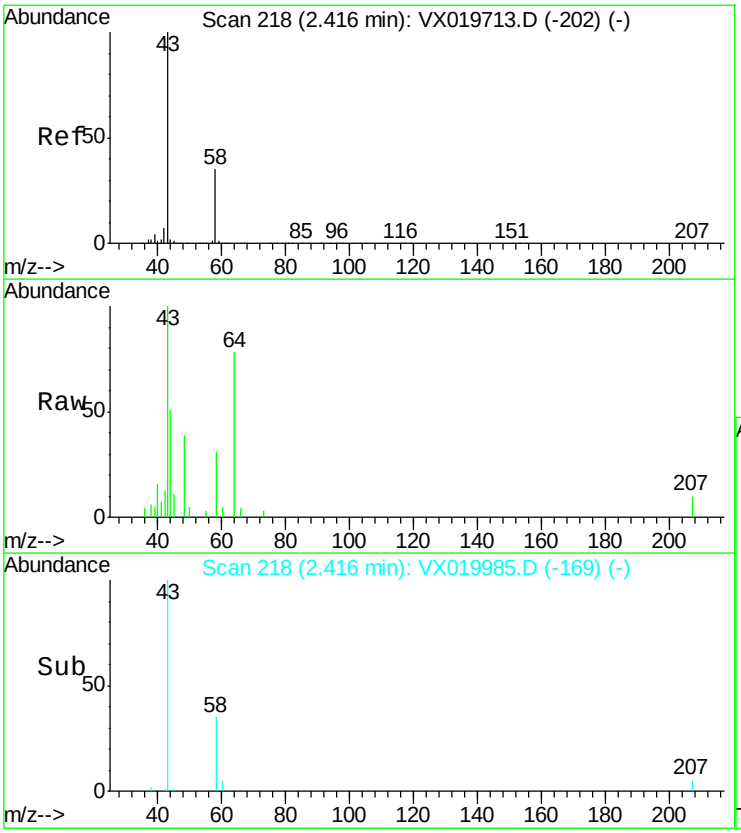
#15
Acrylonitrile
Concen: 0.251 ug/l
RT: 3.11 min Scan# 332
Delta R.T. 0.00 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6777-121020

Tgt Ion: 53 Resp: 453

Ion	Ratio	Lower	Upper
53	100		
52	109.1	65.3	97.9#
51	23.8	28.2	42.2#

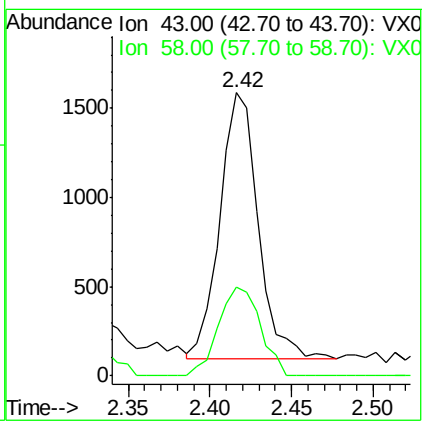


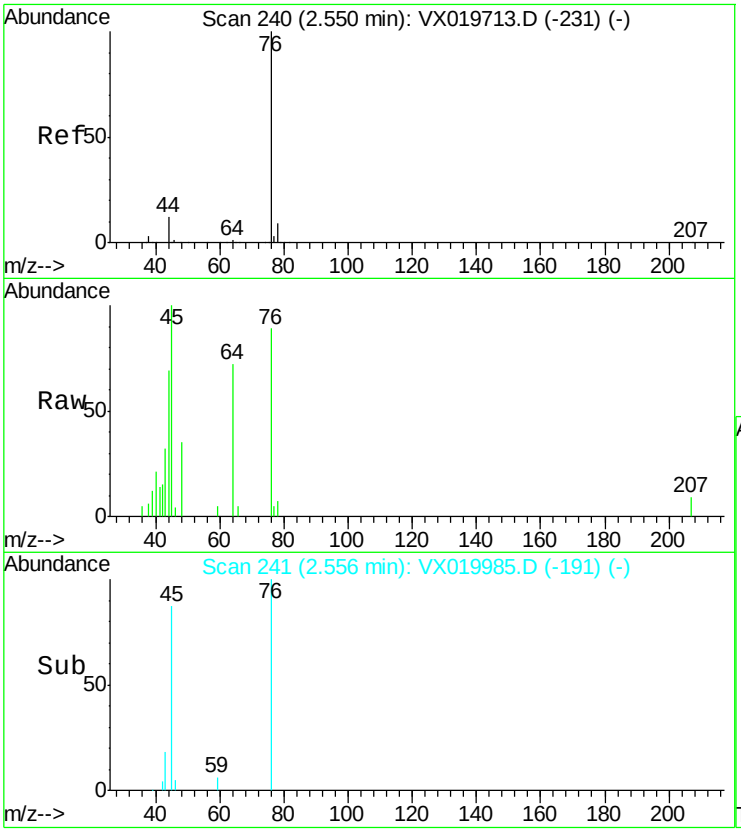


#16
Acetone
Concen: 1.615 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Tgt Ion: 43 Resp: 2425

Ion	Ratio	Lower	Upper
43	100		
58	33.2	27.8	41.8



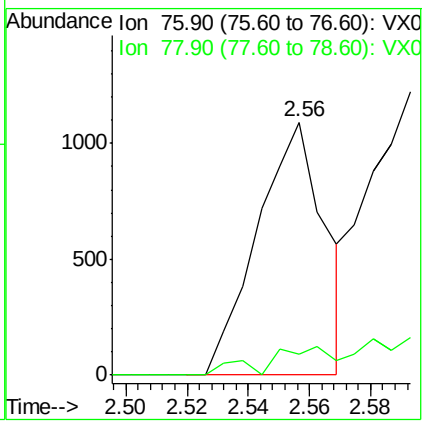


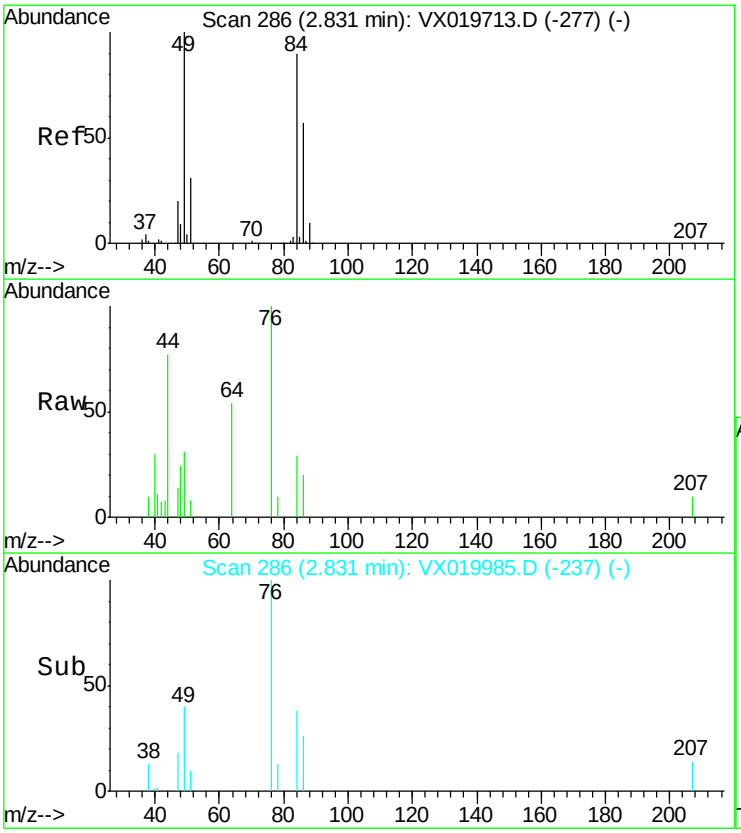
#17
Carbon Disulfide
Concen: 0.209 ug/l
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6777-121020

Tgt Ion: 76 Resp: 1666

Ion	Ratio	Lower	Upper
76	100		
78	8.2	7.2	10.8

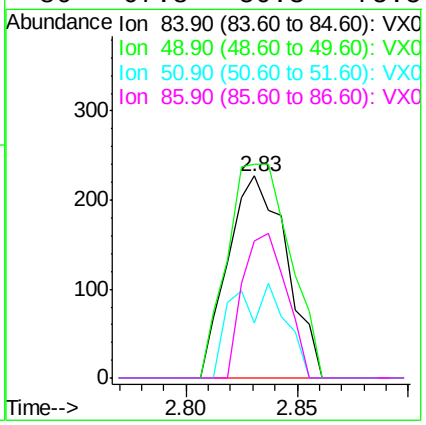


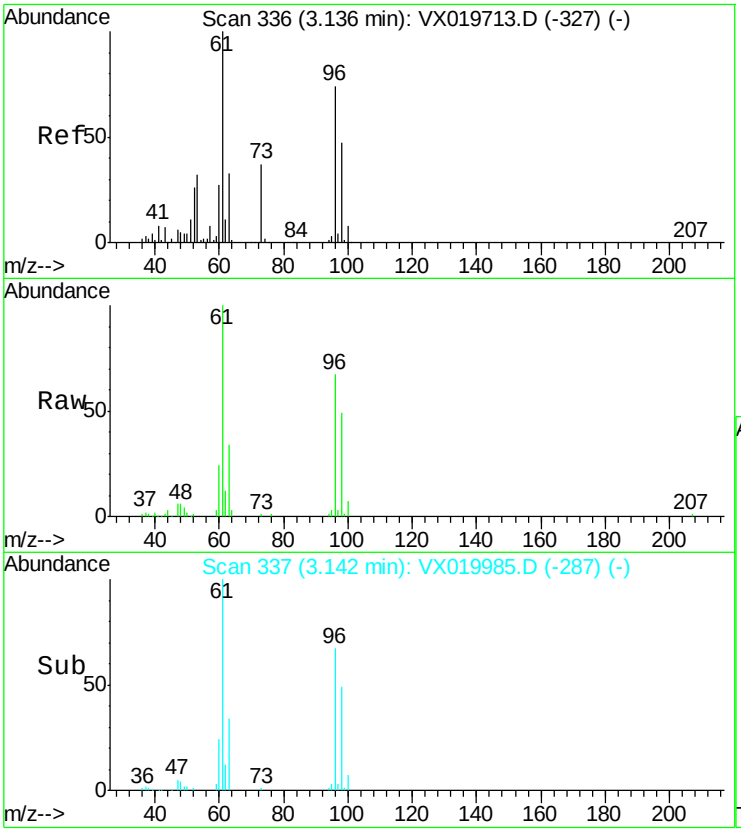


#20
Methylene Chloride
Concen: Below Cal
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Tgt Ion: 84 Resp: 415

Ion	Ratio	Lower	Upper
84	100		
49	105.7	88.6	132.8
51	27.3	27.0	40.6
86	67.8	50.3	75.5



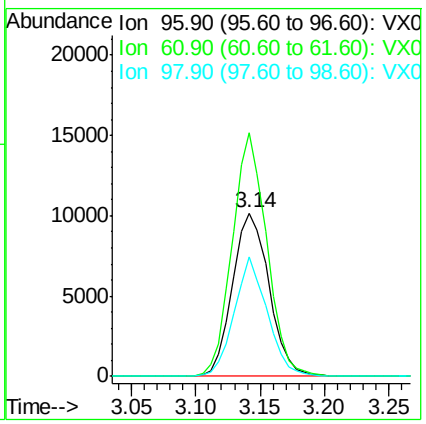


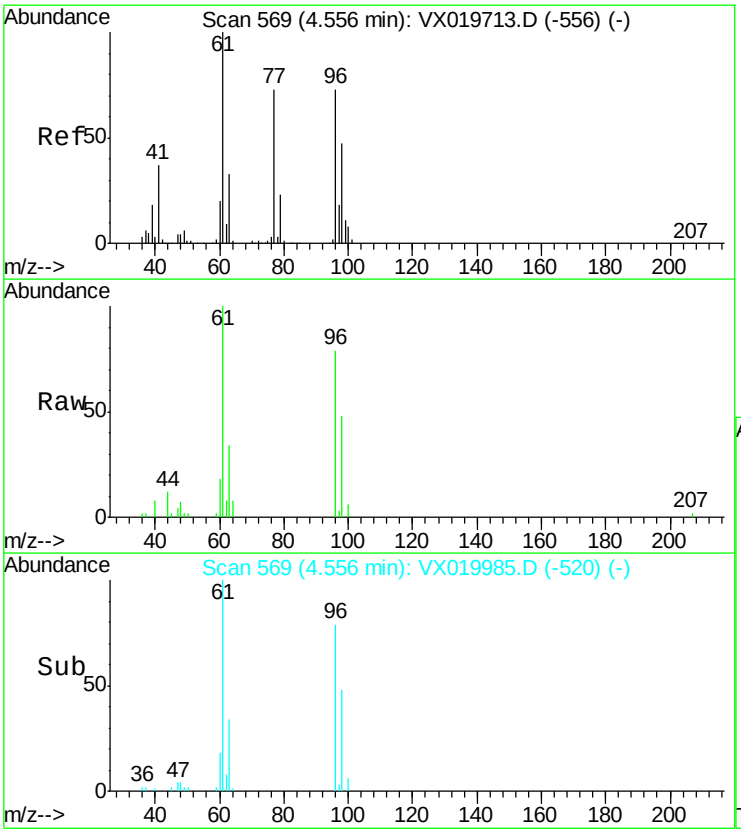
#21
trans-1,2-Dichloroethene
Concen: 6.175 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6777-121020

Tgt Ion: 96 Resp: 20045

Ion	Ratio	Lower	Upper
96	100		
61	148.9	107.7	161.5
98	73.1	50.4	75.6

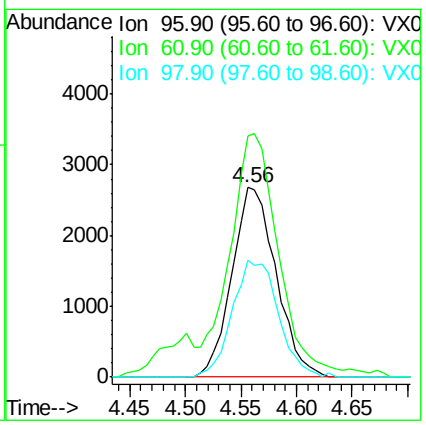


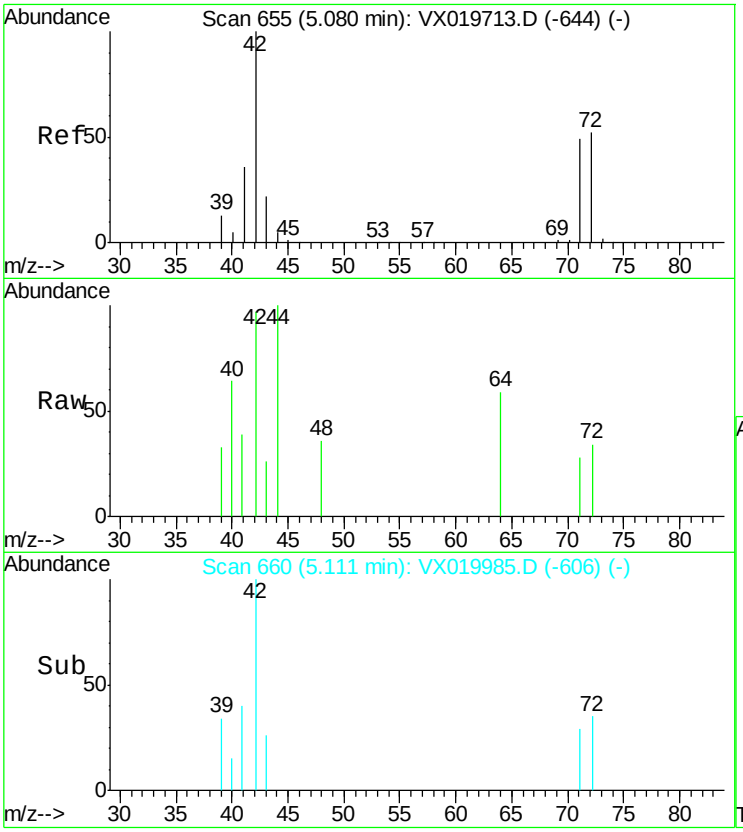


#27
cis-1,2-Dichloroethene
Concen: 1.945 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.00 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Tgt Ion: 96 Resp: 7390

Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	285.6
98	64.1	0.0	129.6



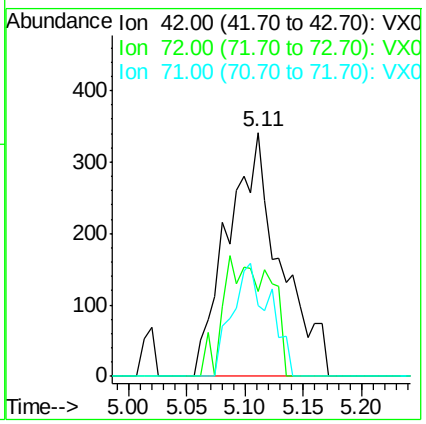


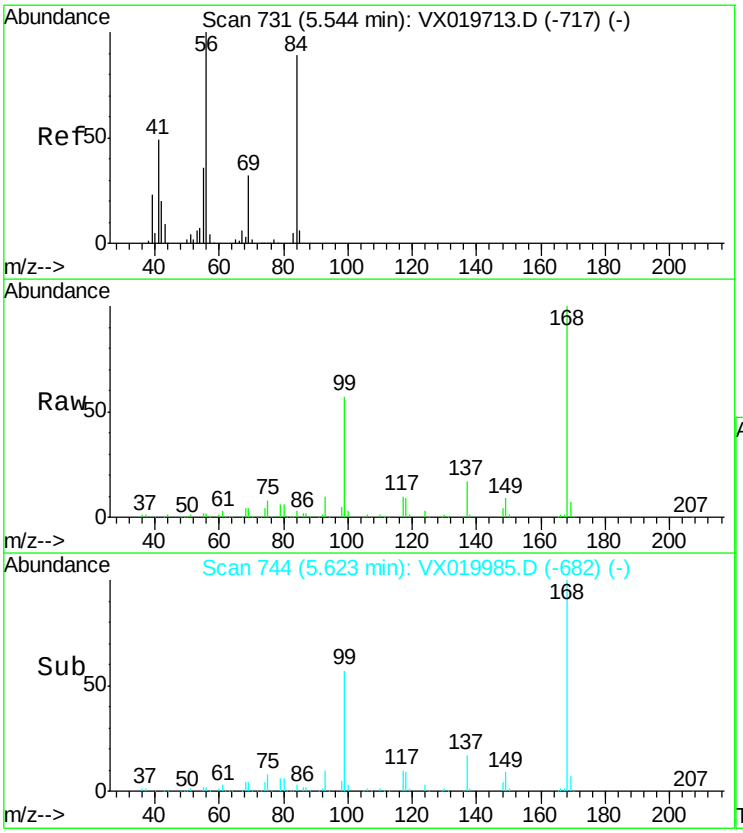
#29
Tetrahydrofuran
Concen: 0.721 ug/l
RT: 5.11 min Scan# 660
Delta R.T. 0.03 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6777-121020

Tgt Ion: 42 Resp: 1072

Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	33.6	38.4	57.6#

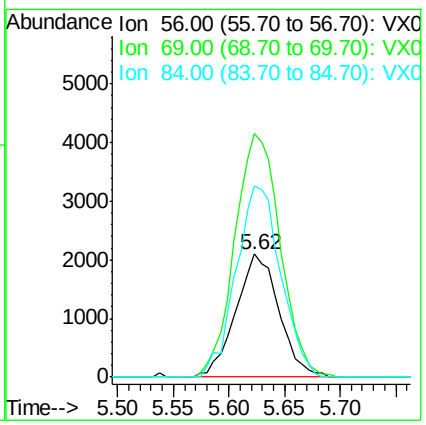


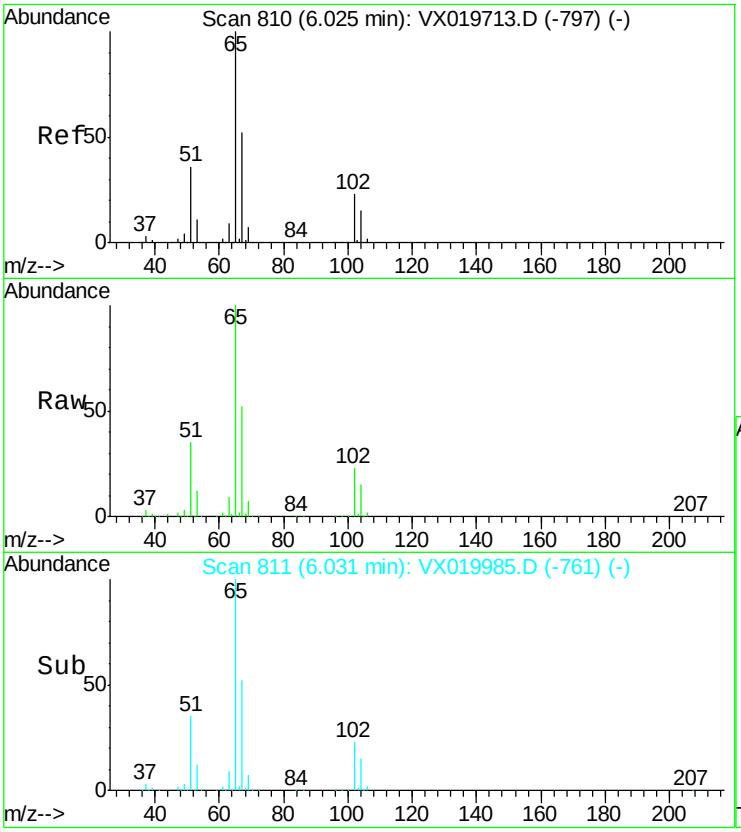


#31
Cyclohexane
Concen: 1.143 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.08 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Tgt Ion: 56 Resp: 5679

Ion	Ratio	Lower	Upper
56	100		
69	198.1	25.3	37.9#
84	156.0	71.4	107.0#



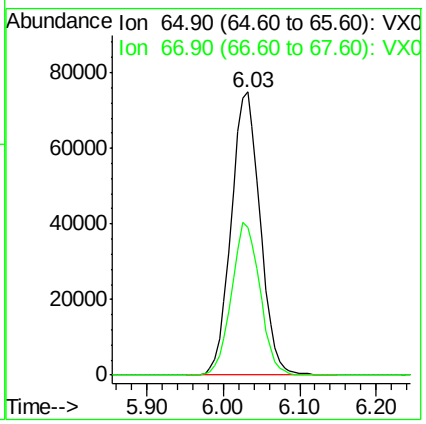


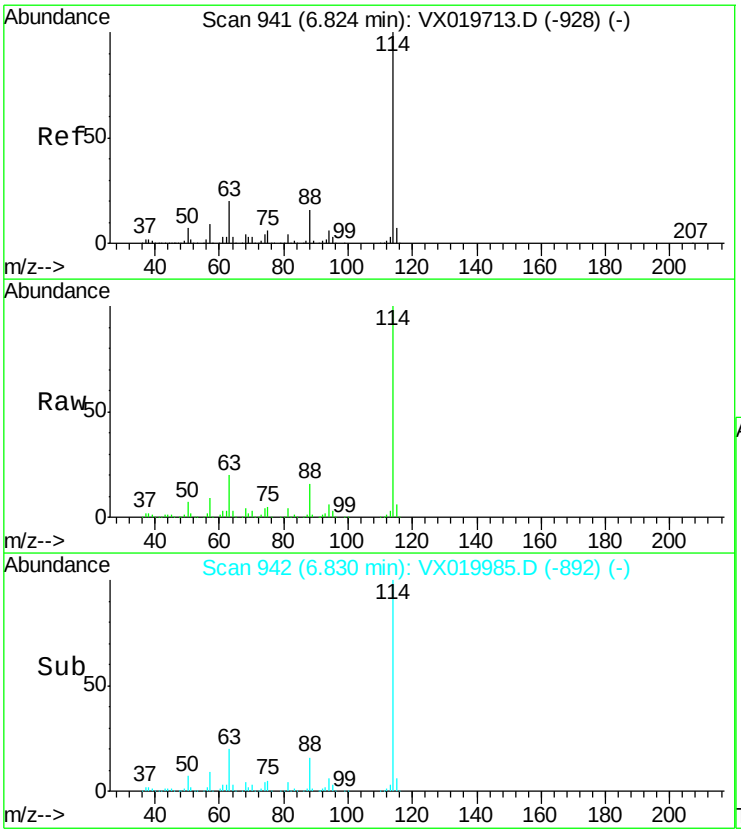
#33
1,2-Dichloroethane-d4
Concen: 49.030 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.01 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6777-121020

Tgt Ion: 65 Resp: 195820

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	105.4

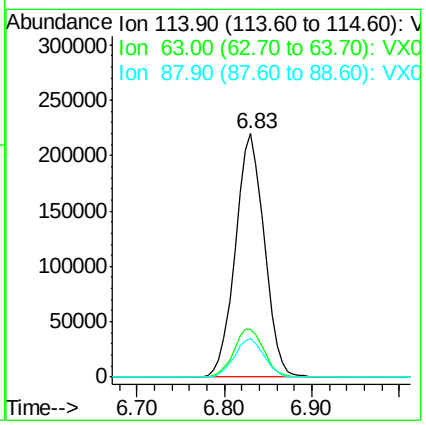


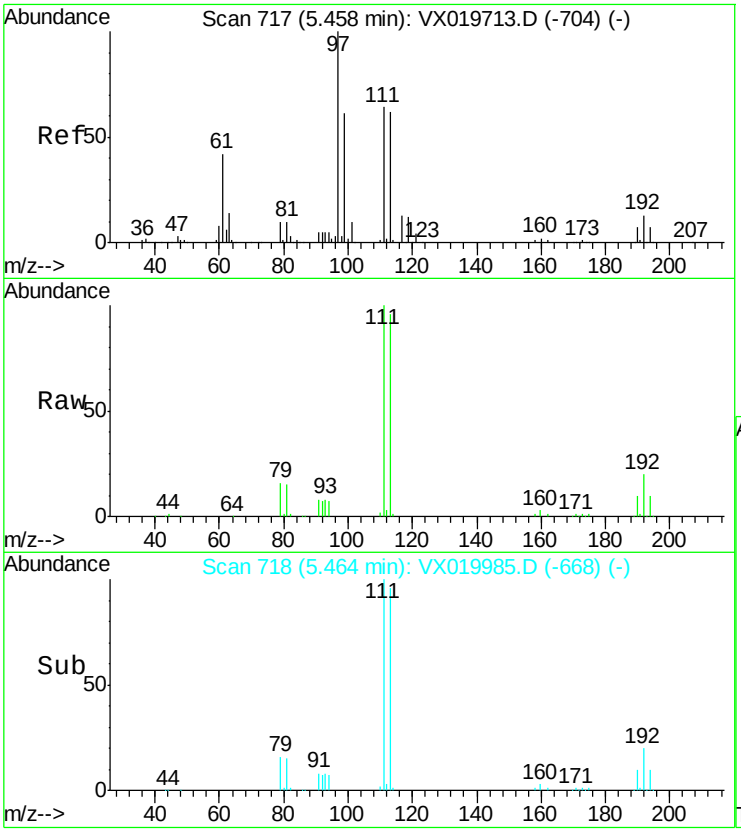


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Tgt Ion:114 Resp: 504523

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	40.8
88	15.7	0.0	32.8



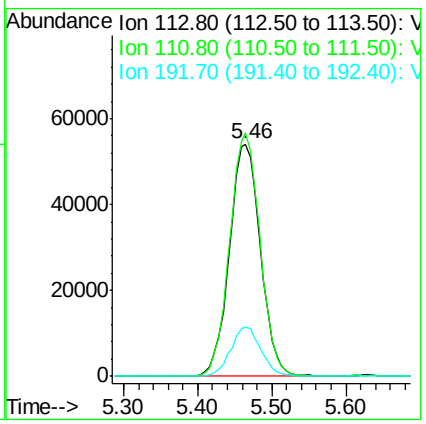


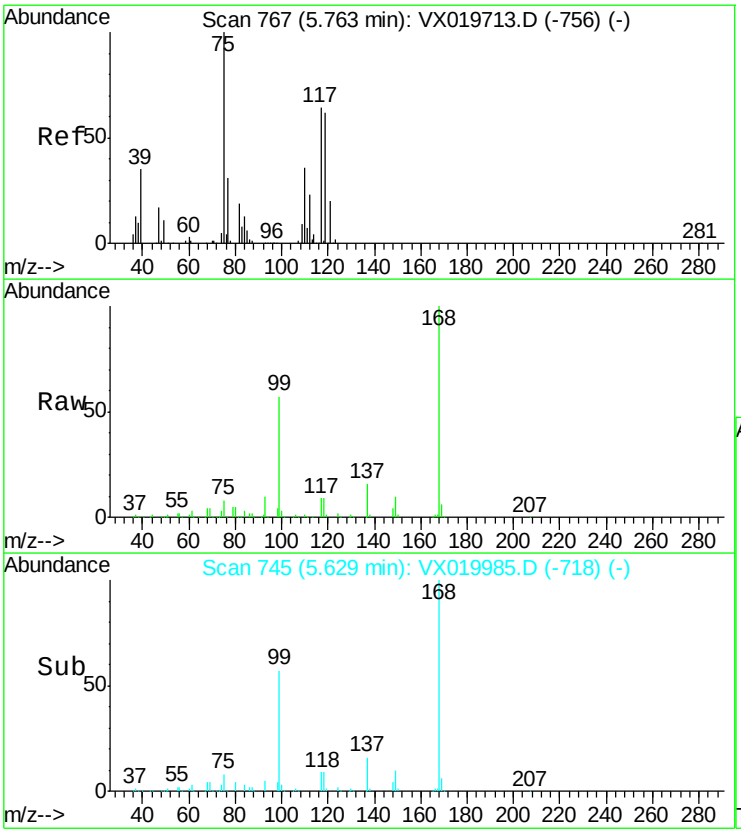
#35
Dibromofluoromethane
Concen: 48.396 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6777-121020

Tgt Ion:113 Resp: 157802

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.9	122.9
192	20.5	16.7	25.1

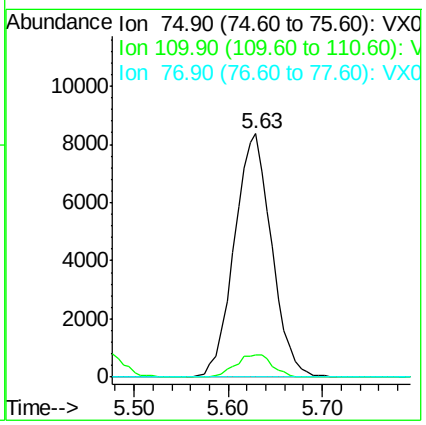


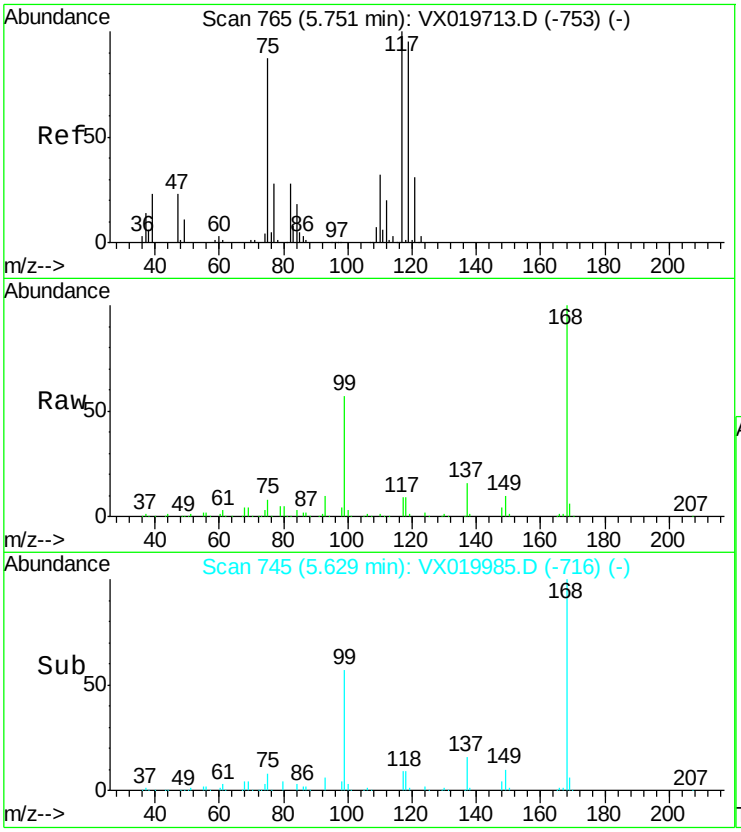


#36
1,1-Dichloropropene
Concen: 5.055 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Tgt Ion: 75 Resp: 23048

Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.4#
77	0.0	25.3	37.9#



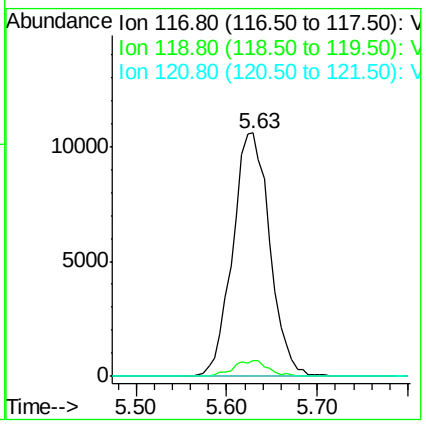


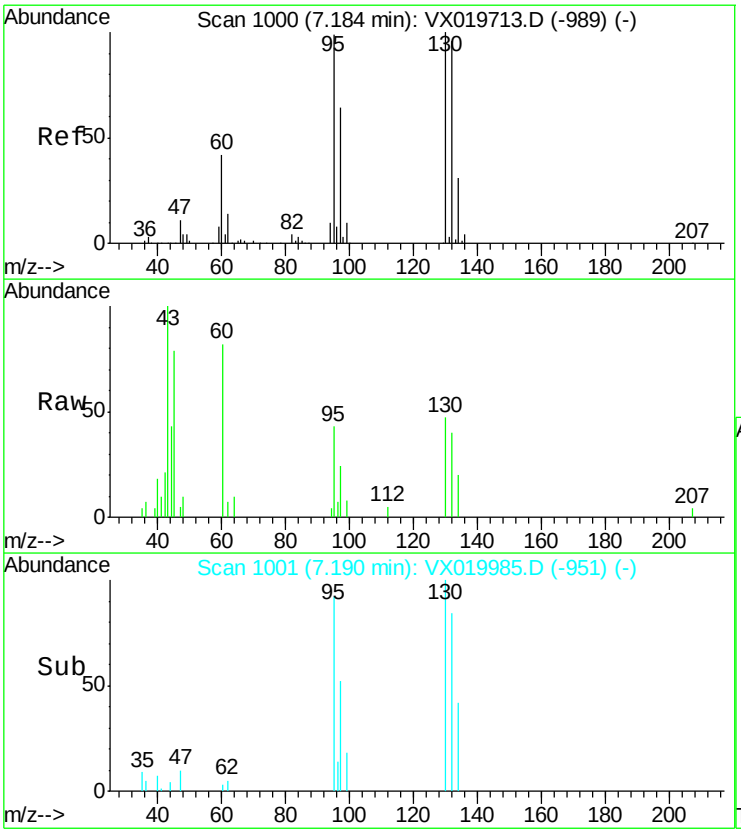
#38
Carbon Tetrachloride
Concen: 6.720 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6777-121020

Tgt Ion:117 Resp: 30000

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

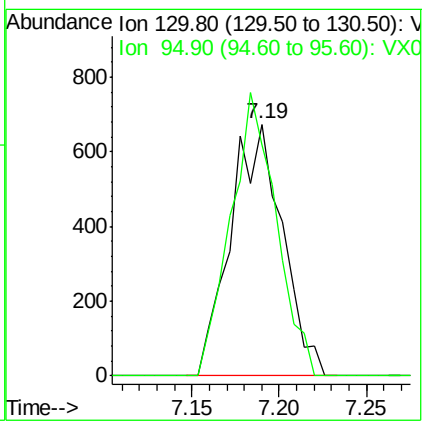


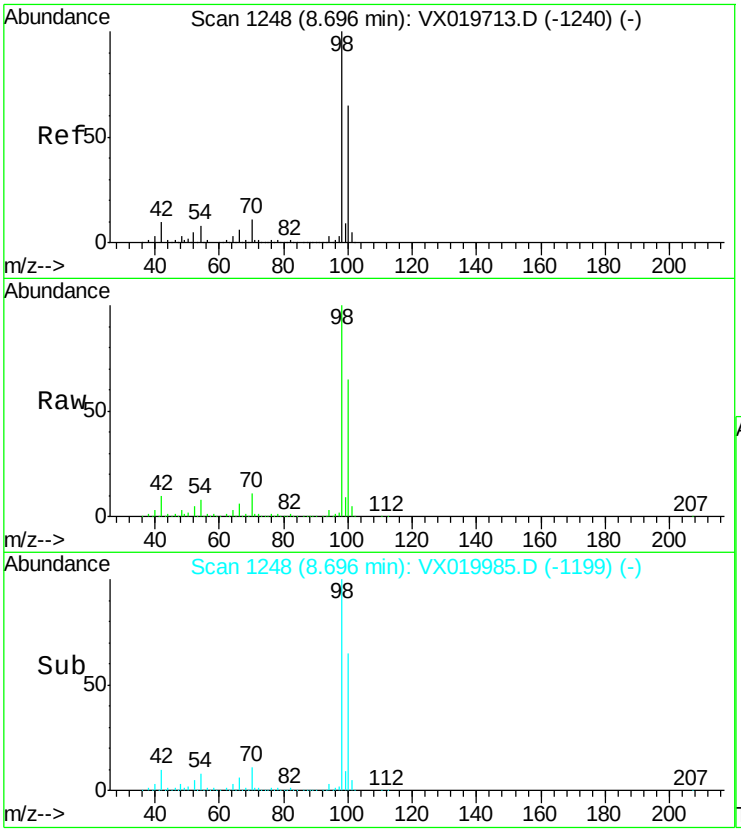


#44
Trichloroethene
Concen: 0.381 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Tgt Ion:130 Resp: 1393

Ion	Ratio	Lower	Upper
130	100		
95	91.7	0.0	198.0



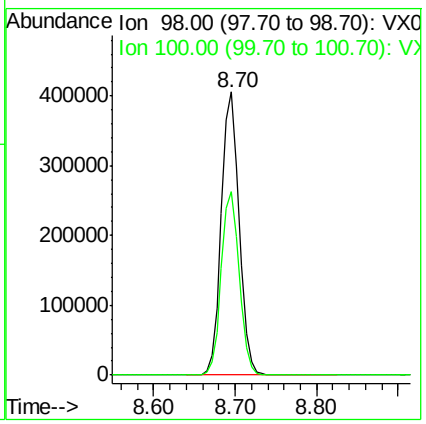


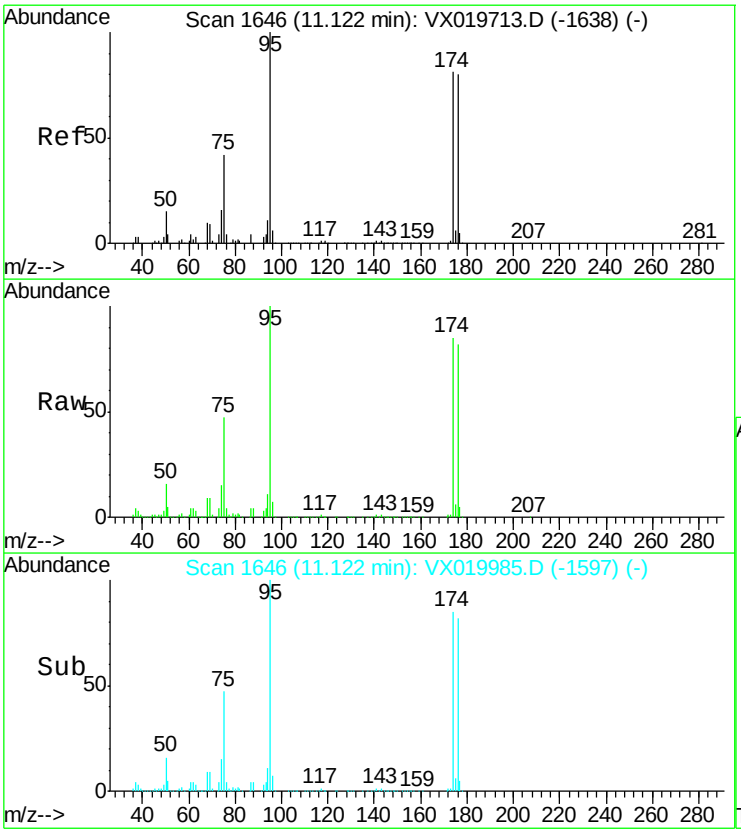
#50
Toluene-d8
Concen: 49.393 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6777-121020

Tgt Ion: 98 Resp: 614859

Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.9	77.9

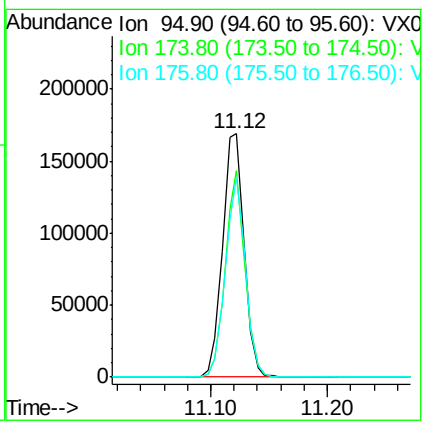


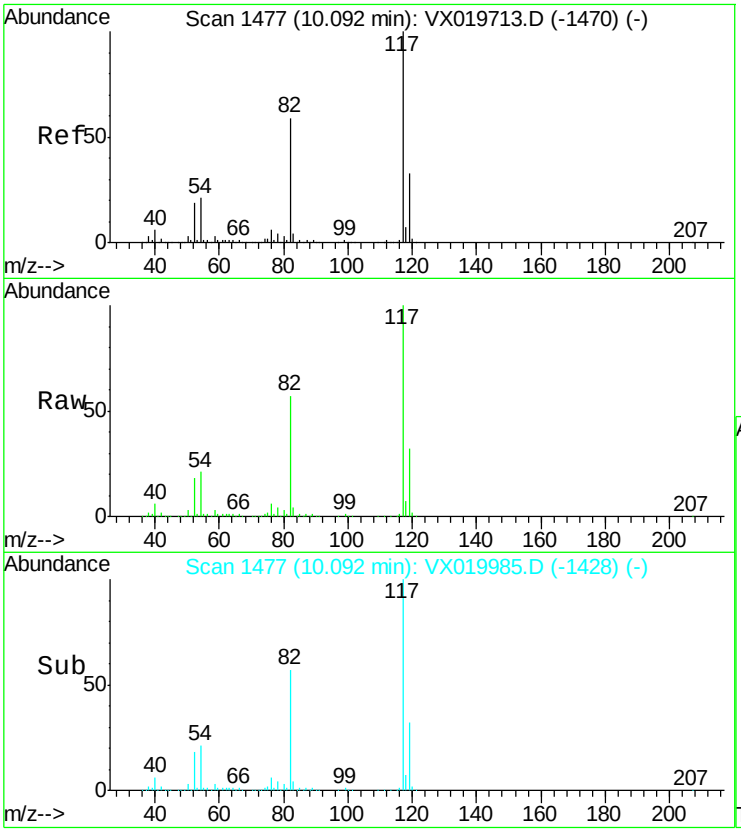


#62
4-Bromofluorobenzene
Concen: 45.511 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Tgt Ion: 95 Resp: 215631

Ion	Ratio	Lower	Upper
95	100		
174	77.4	0.0	154.6
176	76.5	0.0	155.8



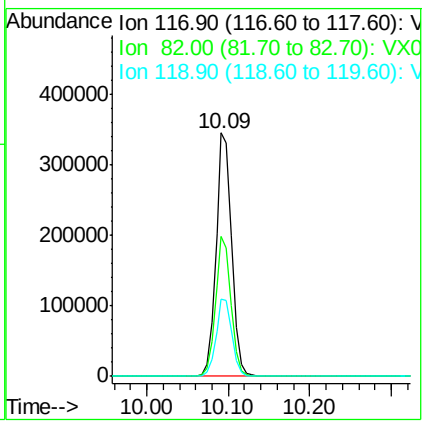


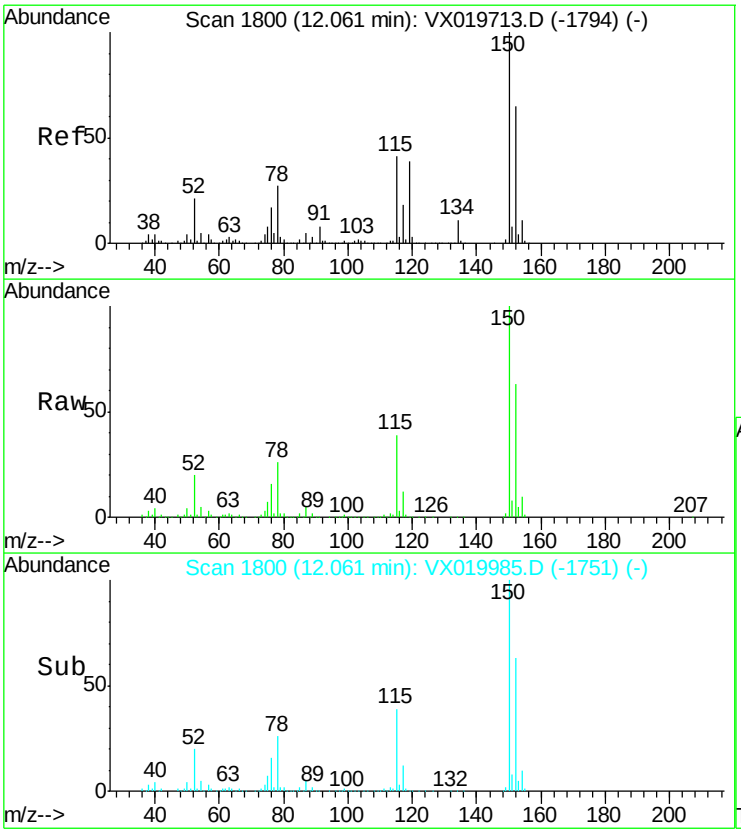
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6777-121020

Tgt Ion:117 Resp: 465796

Ion	Ratio	Lower	Upper
117	100		
82	57.4	47.4	71.2
119	31.9	26.6	39.8

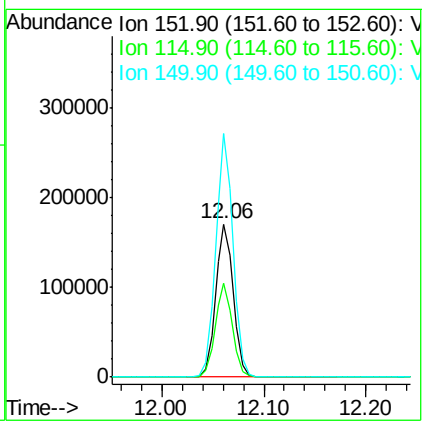


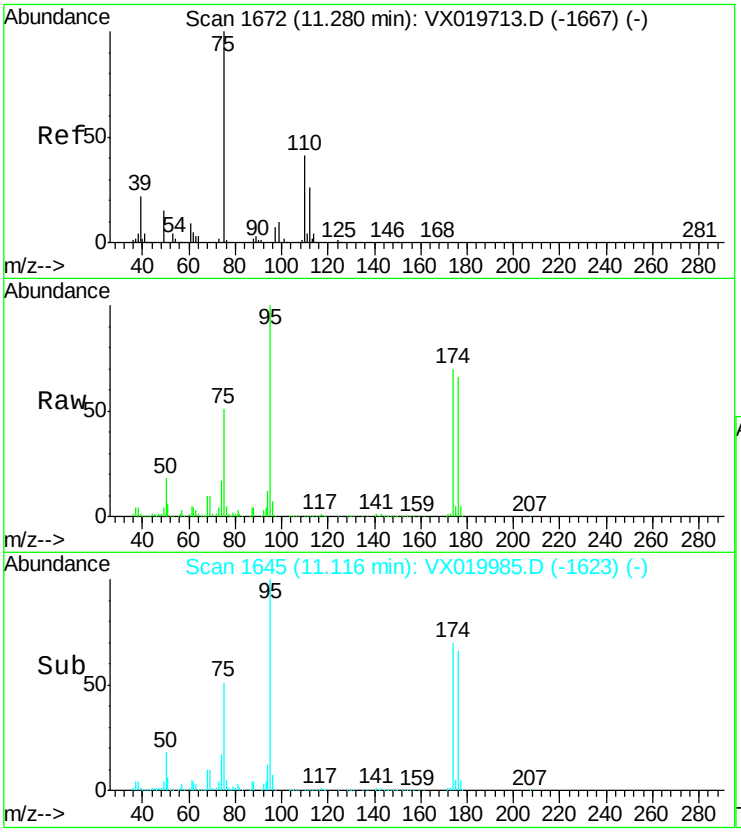


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Tgt Ion:152 Resp: 206377

Ion	Ratio	Lower	Upper
152	100		
115	59.8	41.1	123.3
150	156.3	0.0	349.0



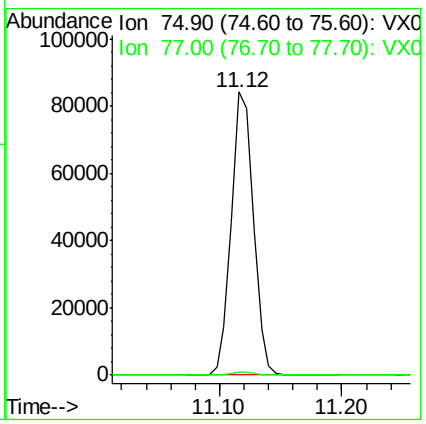


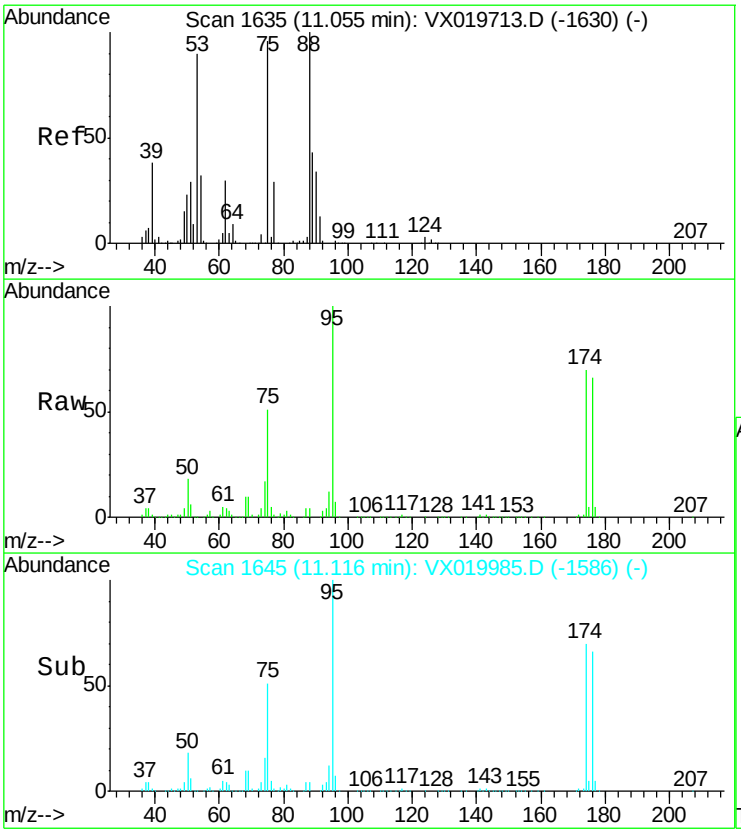
#76
1,2,3-Trichloropropane
Concen: 22.699 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. -0.16 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6777-121020

Tgt Ion: 75 Resp: 105067

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 65.619 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. 0.06 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Tgt Ion: 75 Resp: 105067

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