Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121520\
Data File : VX020009.D
Acq On : 15 Dec 2020 14:15
Operator : JC/MD
Sample : L5052-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TU032-32-5227-121020

Quant Time: Dec 16 00:23:59 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	5.62	168	308040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	515821	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	470986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	204090	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	196632	48.57	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 97.14%			
35) Dibromofluoromethane	5.46	113	159609	47.88	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.76%			
50) Toluene-d8	8.70	98	620069	48.72	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.44%			
62) 4-Bromofluorobenzene	11.12	95	221067	45.64	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.28%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	3827	1.357	ug/l	97
3) Chloromethane	1.31	50	1778	0.536	ug/l	96
4) Vinyl Chloride	1.39	62	1511	0.432	ug/l #	80
5) Bromomethane	1.64	94	790	0.680	ug/l #	61
10) Methyl Iodide	2.50	142	2160	0.525	ug/l	99
11) Tert butyl alcohol	3.00	59	2346	0.208	ug/l #	73
13) Acrolein	2.27	56	390	0.873	ug/l #	61
15) Acrylonitrile	3.12	53	507	0.277	ug/l	94
16) Acetone	2.42	43	5115	3.361	ug/l	100
17) Carbon Disulfide	2.55	76	1931	0.238	ug/l #	75
20) Methylene Chloride	2.83	84	1688	Below Cal	#	95
21) trans-1,2-Dichloroethene	3.14	96	818	0.249	ug/l #	81
27) cis-1,2-Dichloroethene	4.56	96	1850	0.480	ug/l	97
31) Cyclohexane	5.62	56	6479	1.287	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	24022	5.154	ug/l #	49
38) Carbon Tetrachloride	5.63	117	30661	6.717	ug/l #	16
44) Trichloroethene	7.18	130	1027	0.275	ug/l	87
76) 1,2,3-Trichloropropane	11.12	75	107278	23.437	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.12	75	107278	67.751	ug/l #	12

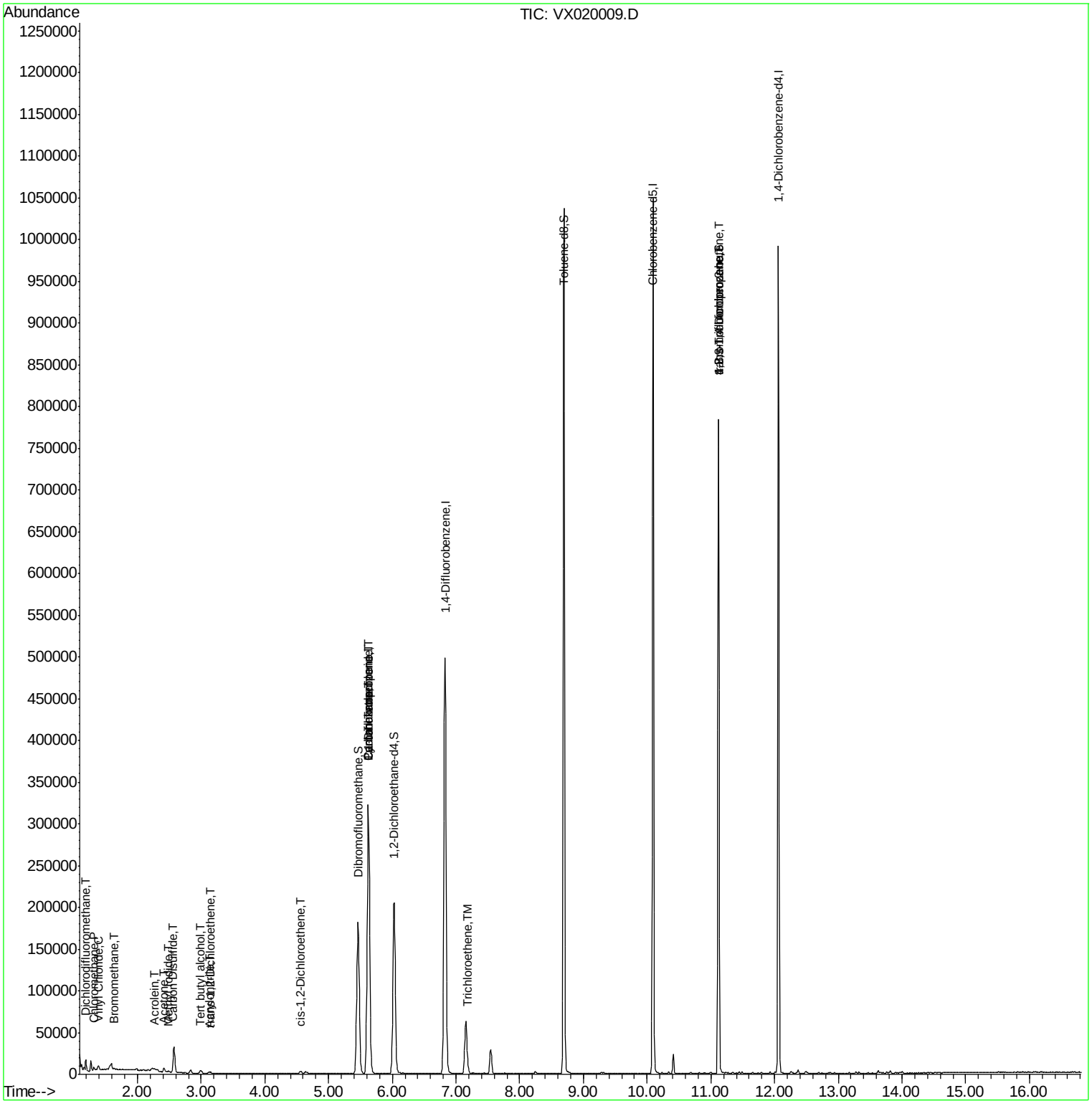
(#) = qualifier out of range (m) = manual integration (+) = signals summed

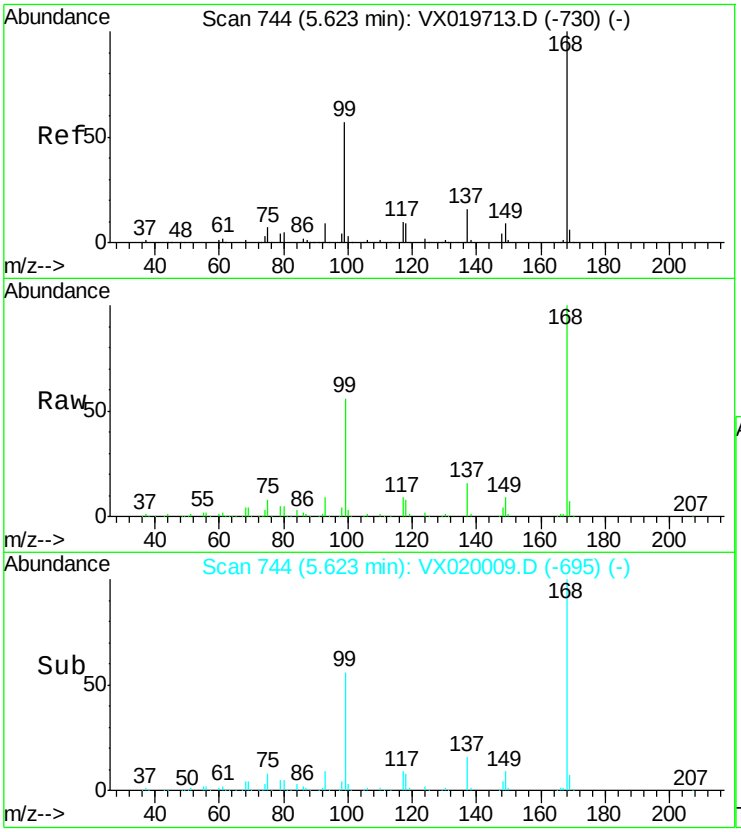
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121520\
Data File : VX020009.D
Acq On : 15 Dec 2020 14:15
Operator : JC/MD
Sample : L5052-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5227-121020

Quant Time: Dec 16 00:23:59 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



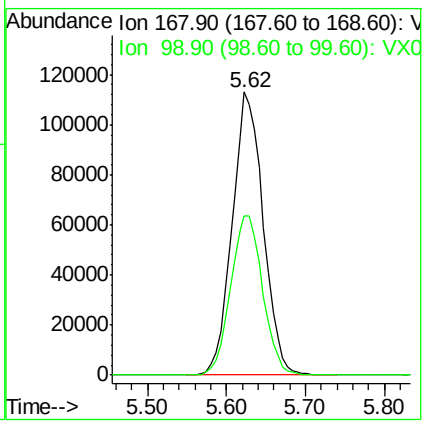


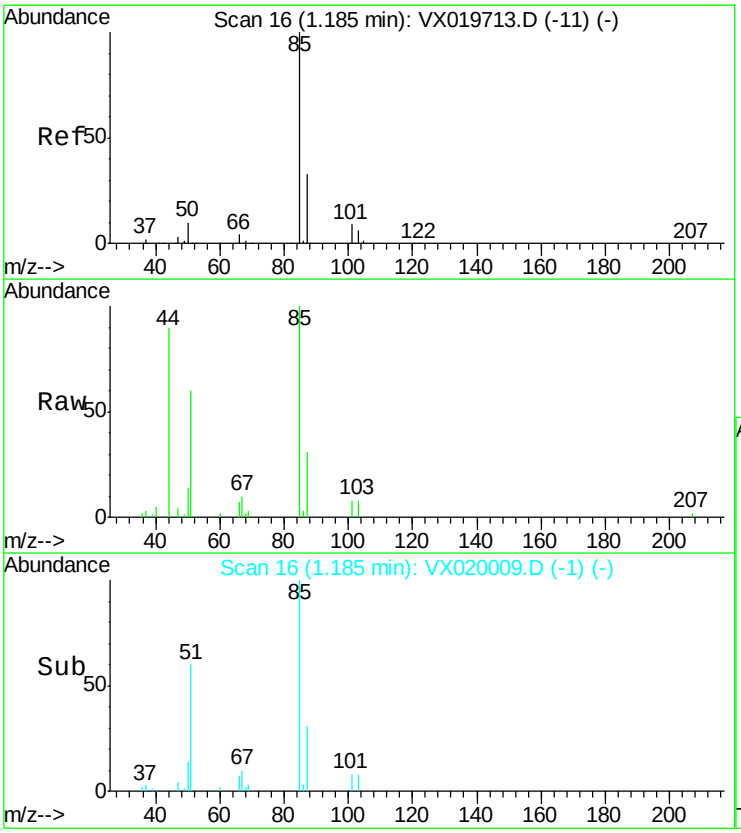
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.00 min
Lab File: VX020009.D
Acq: 15 Dec 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5227-121020

Tgt Ion:168 Resp: 308040

Ion	Ratio	Lower	Upper
168	100		
99	56.2	45.8	68.6

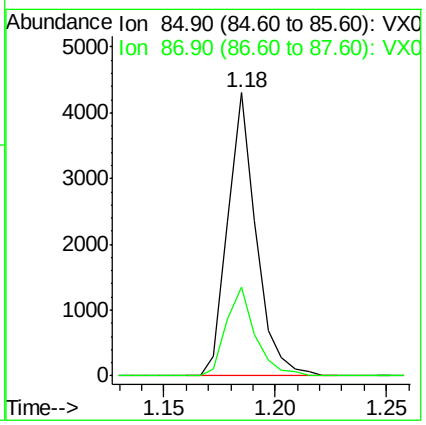


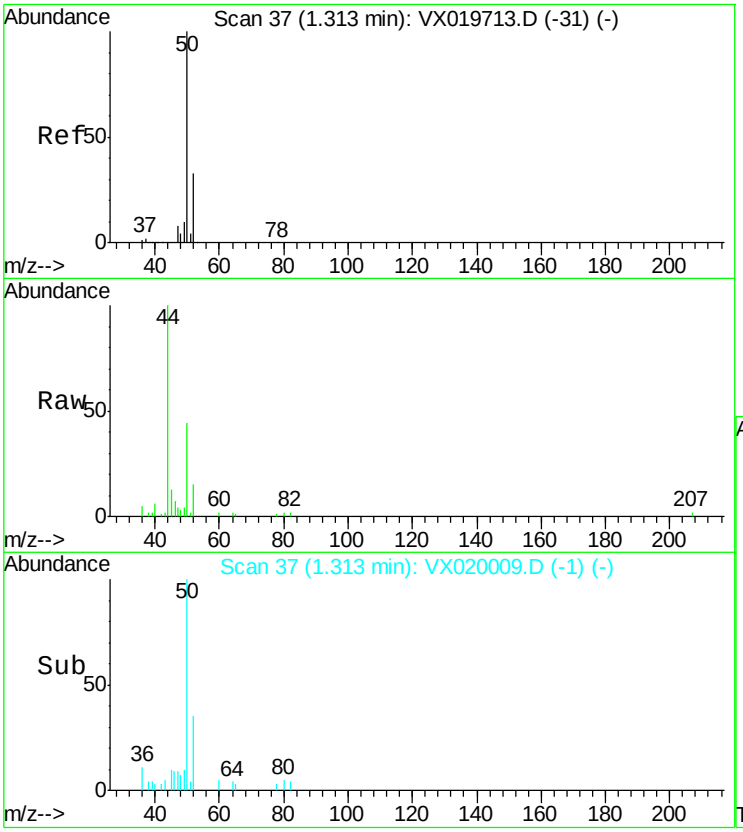


#2
Dichlorodifluoromethane
Concen: 1.357 ug/l
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX020009.D
Acq: 15 Dec 2020 14:15

Tgt Ion: 85 Resp: 3827

Ion	Ratio	Lower	Upper
85	100		
87	31.3	16.4	49.2



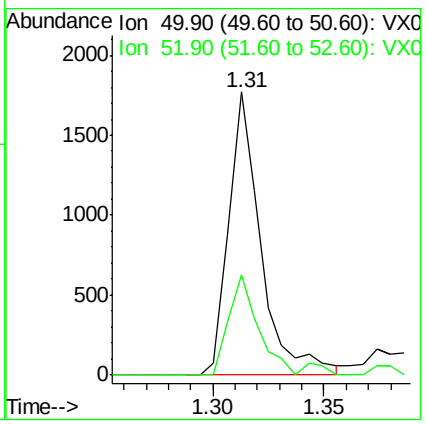


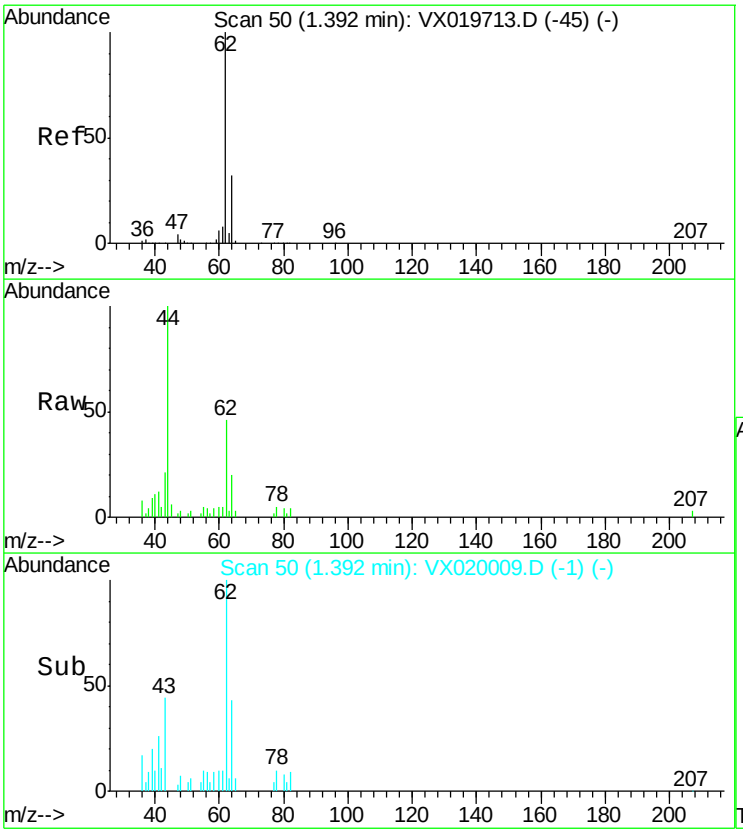
#3
Chloromethane
Concen: 0.536 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX020009.D
Acq: 15 Dec 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5227-121020

Tgt Ion: 50 Resp: 1778

Ion	Ratio	Lower	Upper
50	100		
52	35.4	26.4	39.6

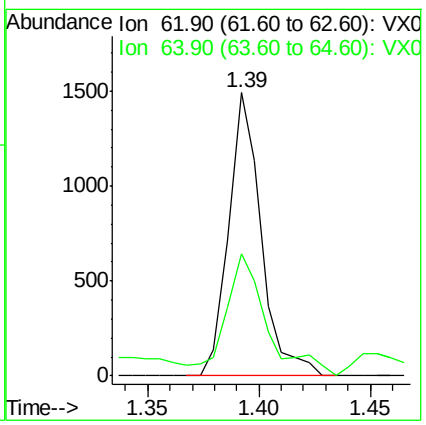


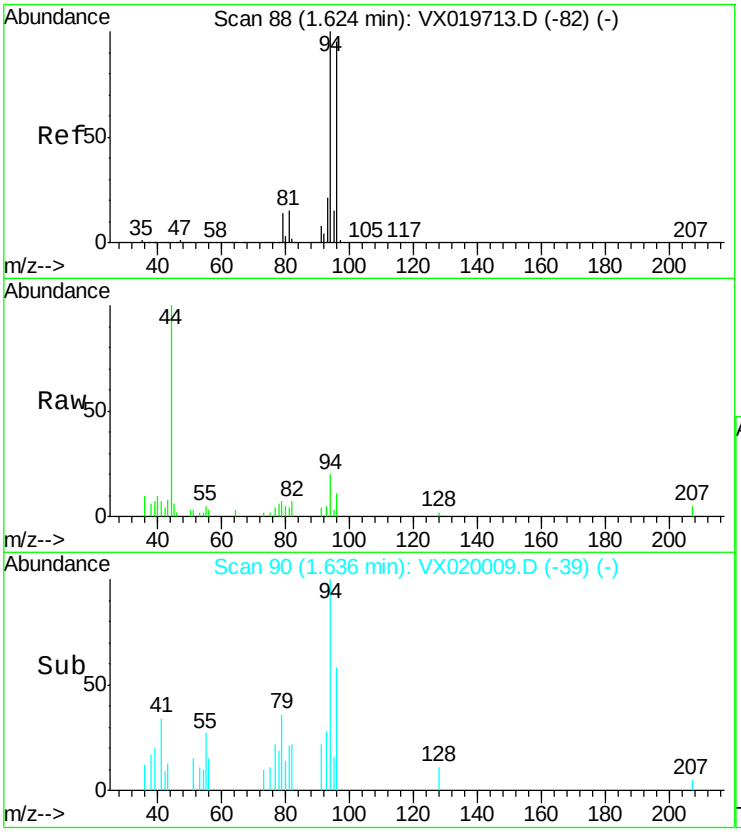


#4
Vinyl Chloride
Concen: 0.432 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX020009.D
Acq: 15 Dec 2020 14:15

Tgt Ion: 62 Resp: 1511

Ion	Ratio	Lower	Upper
62	100		
64	43.3	25.7	38.5#



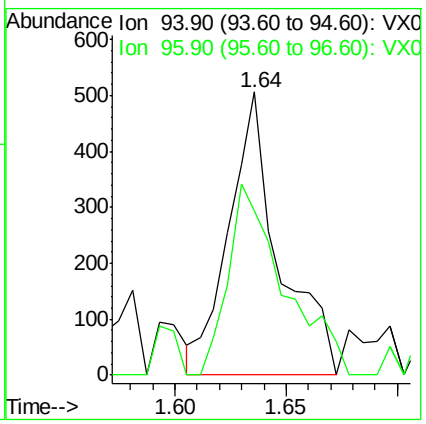


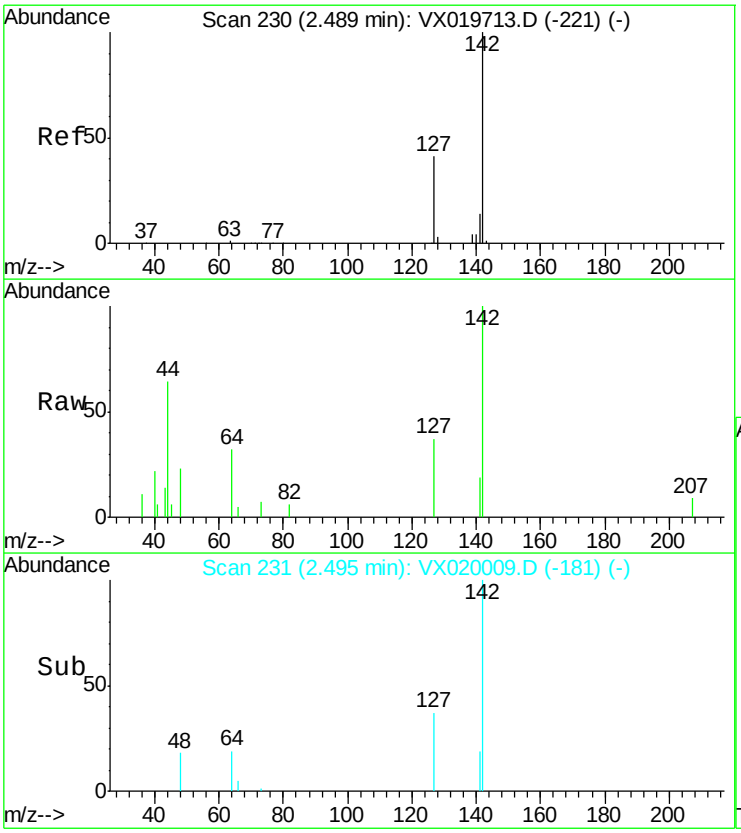
#5
Bromomethane
Concen: 0.680 ug/l
RT: 1.64 min Scan# 90
Delta R.T. 0.01 min
Lab File: VX020009.D
Acq: 15 Dec 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5227-121020

Tgt Ion: 94 Resp: 790

Ion	Ratio	Lower	Upper
94	100		
96	57.9	76.4	114.6#

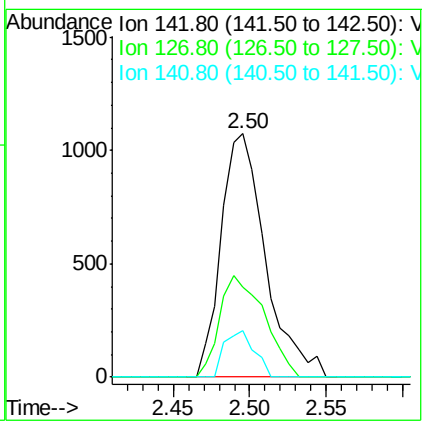


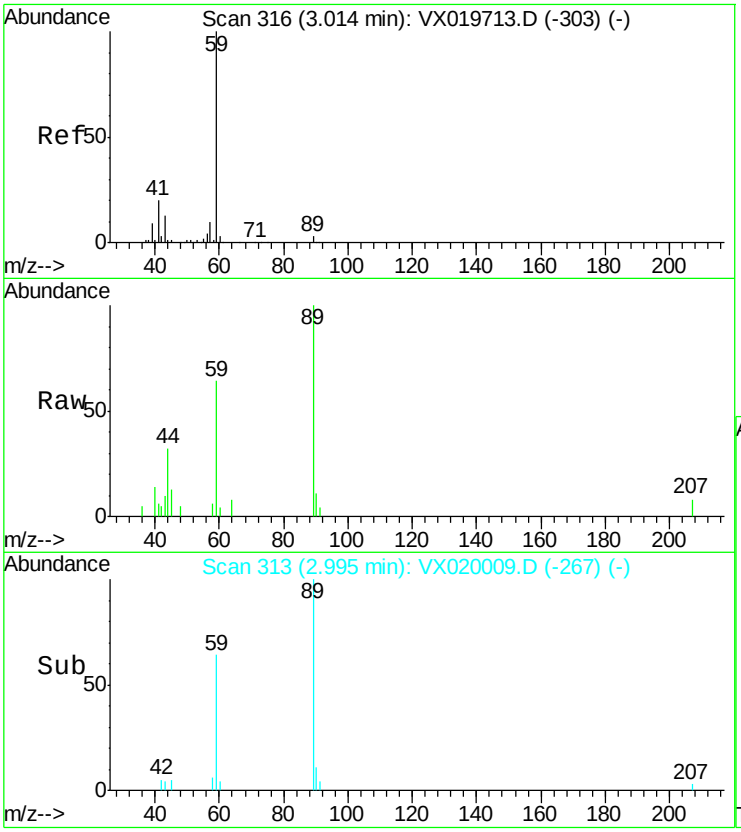


#10
Methyl Iodide
Concen: 0.525 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX020009.D
Acq: 15 Dec 2020 14:15

Tgt Ion:142 Resp: 2160

Ion	Ratio	Lower	Upper
142	100		
127	41.8	33.3	49.9
141	12.7	11.4	17.0



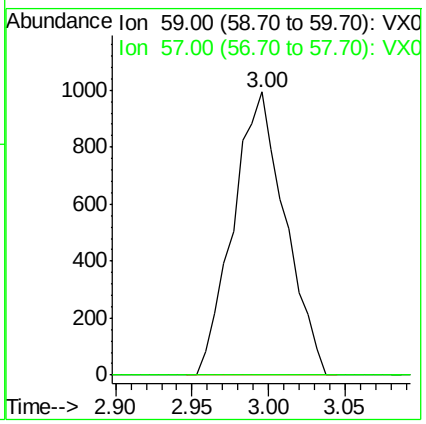


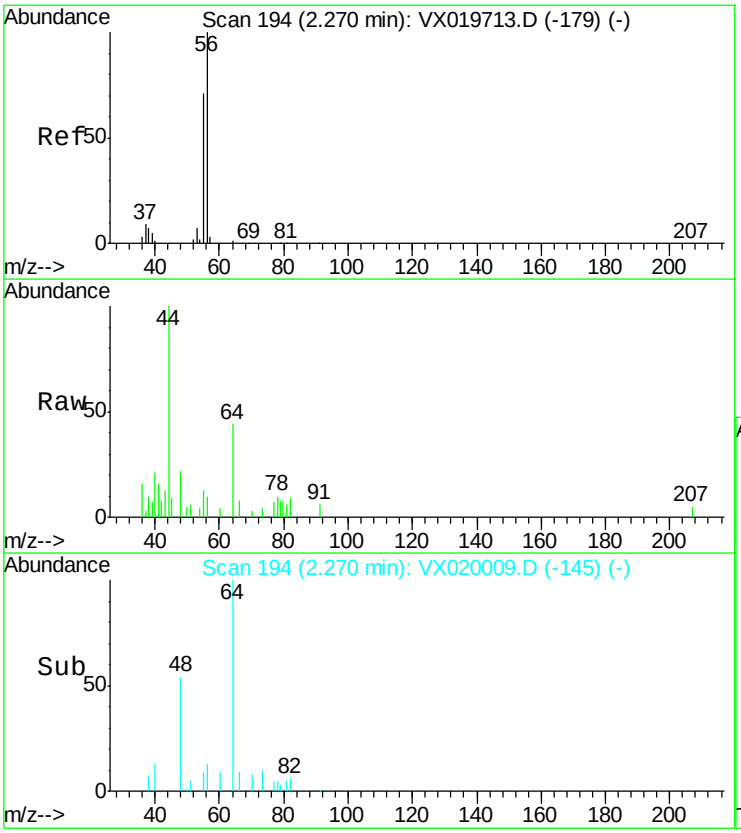
#11
Tert butyl alcohol
Concen: 0.208 ug/l
RT: 3.00 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX020009.D
Acq: 15 Dec 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5227-121020

Tgt Ion: 59 Resp: 2346

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

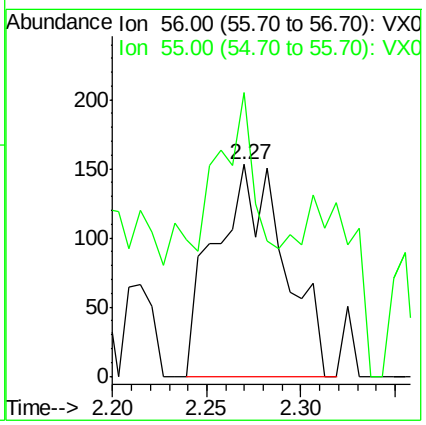


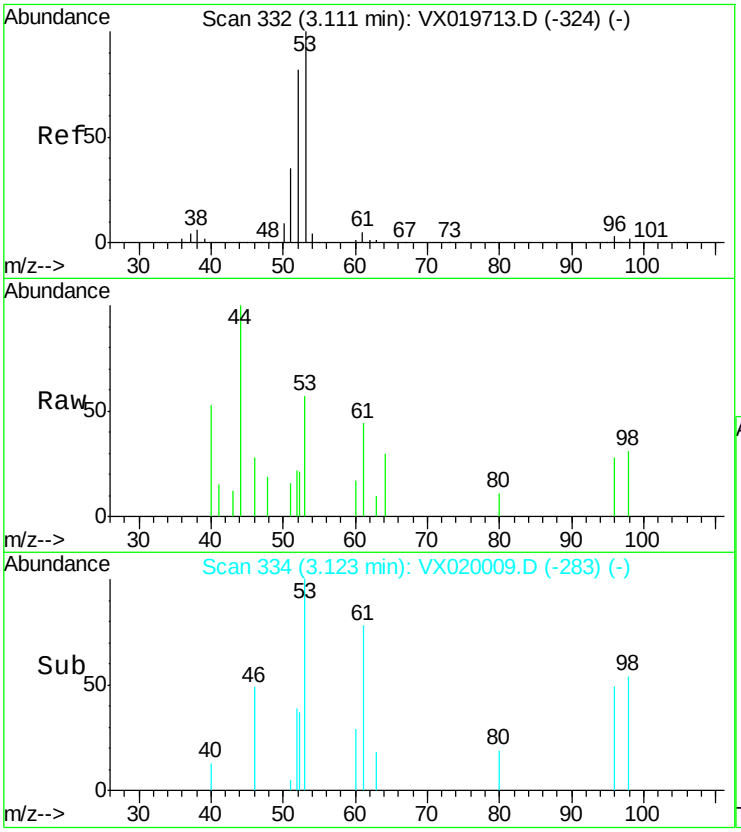


#13
Acrolein
Concen: 0.873 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX020009.D
Acq: 15 Dec 2020 14:15

Tgt Ion: 56 Resp: 390

Ion	Ratio	Lower	Upper
56	100		
55	38.5	56.4	84.6#



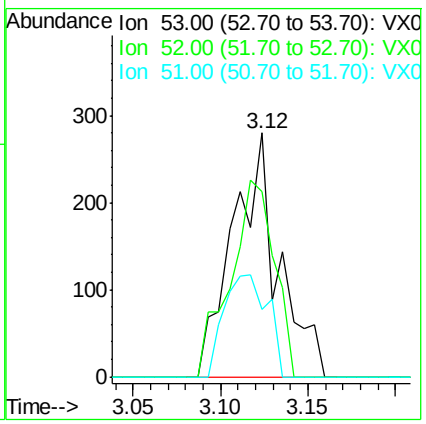


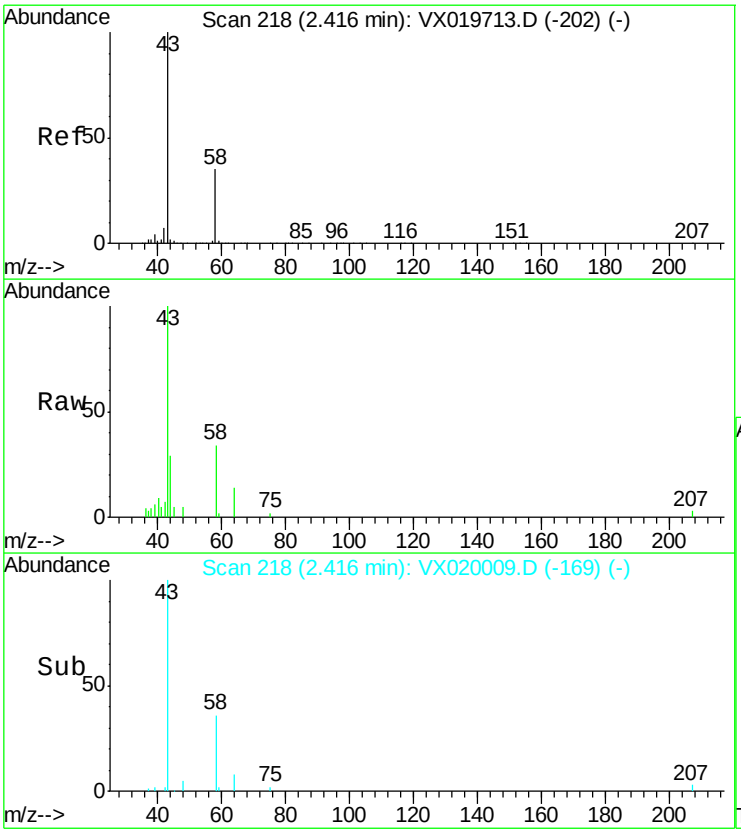
#15
Acrylonitrile
Concen: 0.277 ug/l
RT: 3.12 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX020009.D
Acq: 15 Dec 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5227-121020

Tgt Ion: 53 Resp: 507

Ion	Ratio	Lower	Upper
53	100		
52	77.7	65.3	97.9
51	40.2	28.2	42.2

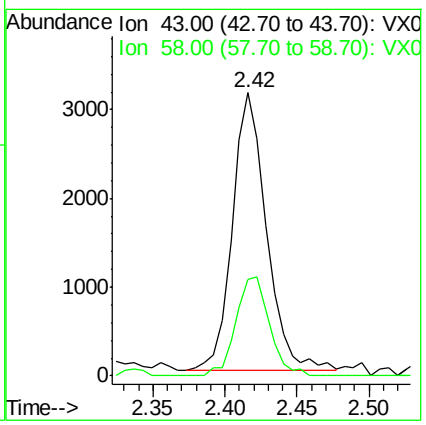


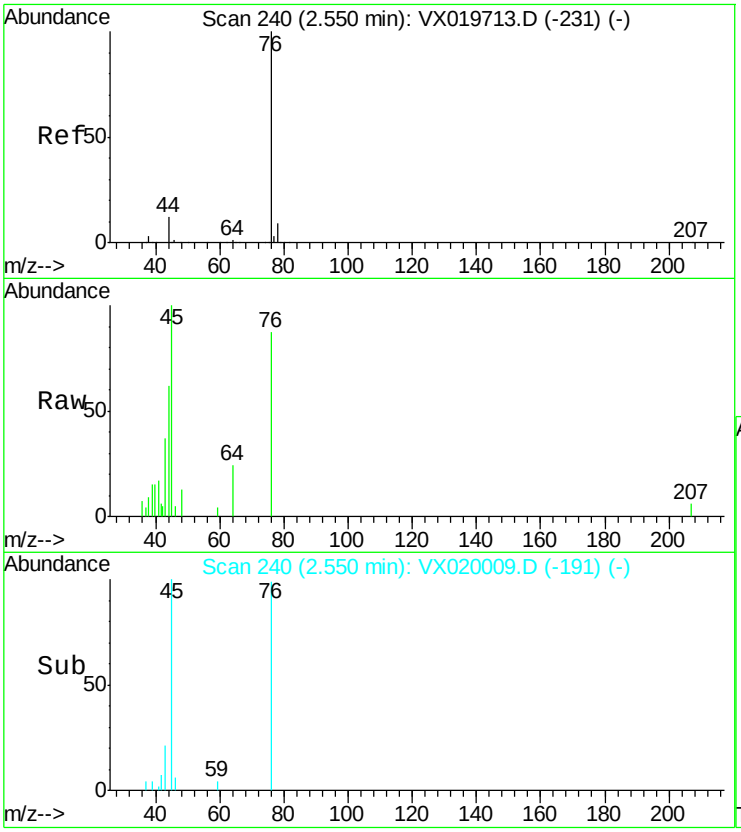


#16
Acetone
Concen: 3.361 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX020009.D
Acq: 15 Dec 2020 14:15

Tgt Ion: 43 Resp: 5115

Ion	Ratio	Lower	Upper
43	100		
58	34.8	27.8	41.8



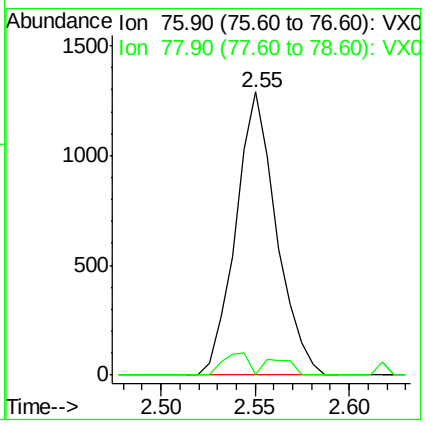


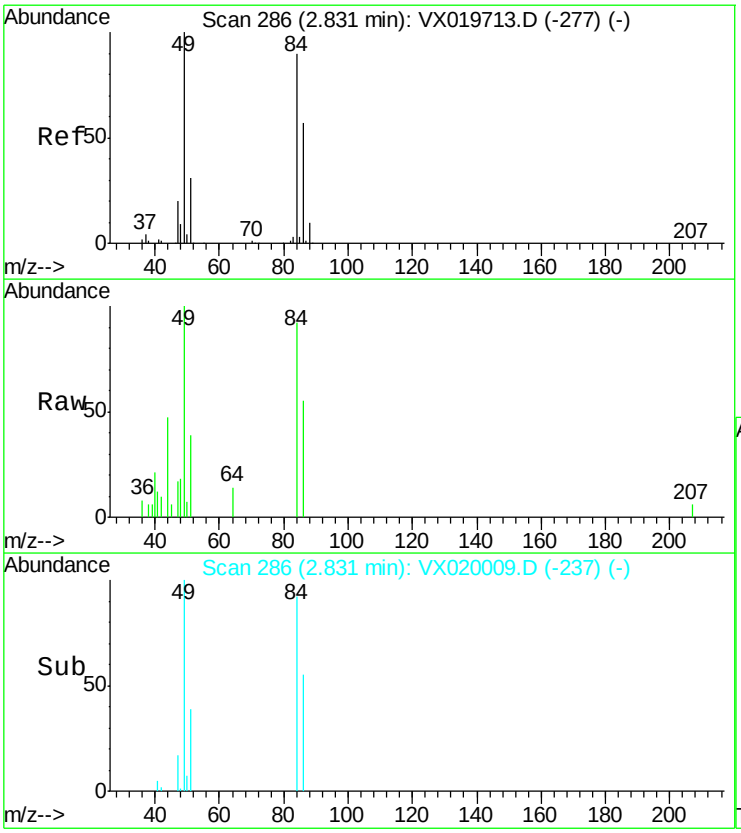
#17
Carbon Disulfide
Concen: 0.238 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX020009.D
Acq: 15 Dec 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5227-121020

Tgt Ion: 76 Resp: 1931

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.2	10.8#

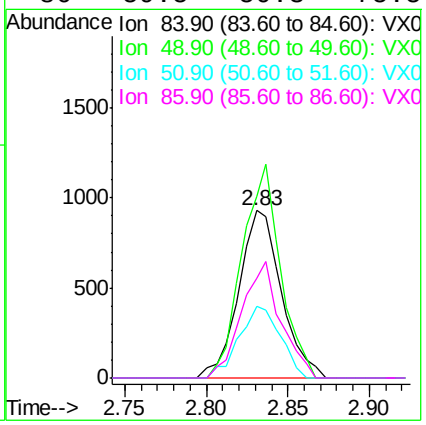


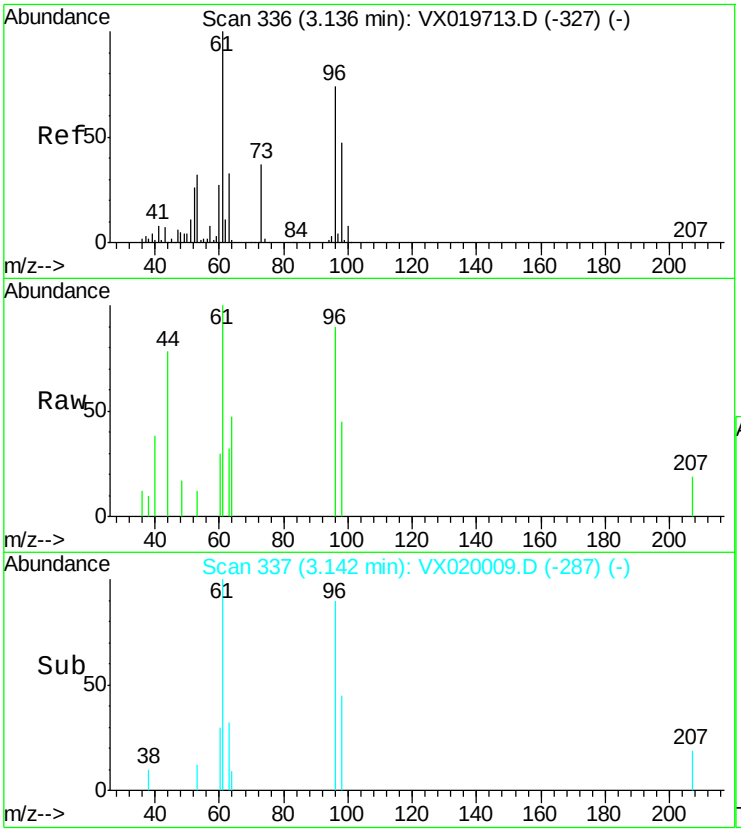


#20
Methylene Chloride
Concen: Below Cal
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX020009.D
Acq: 15 Dec 2020 14:15

Tgt Ion: 84 Resp: 1688

Ion	Ratio	Lower	Upper
84	100		
49	108.2	88.6	132.8
51	42.7	27.0	40.6#
86	59.5	50.3	75.5



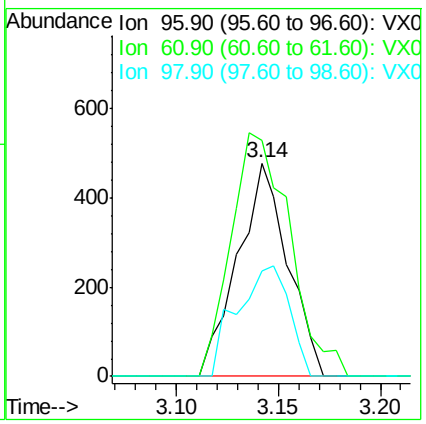


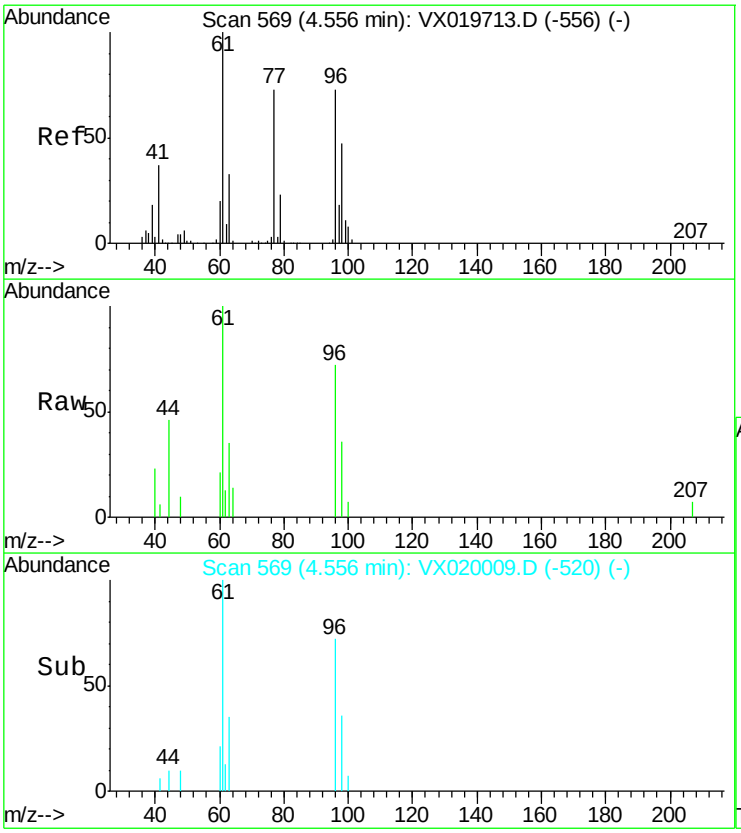
#21
trans-1,2-Dichloroethene
Concen: 0.249 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX020009.D
Acq: 15 Dec 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5227-121020

Tgt Ion: 96 Resp: 818

Ion	Ratio	Lower	Upper
96	100		
61	110.7	107.7	161.5
98	49.4	50.4	75.6#

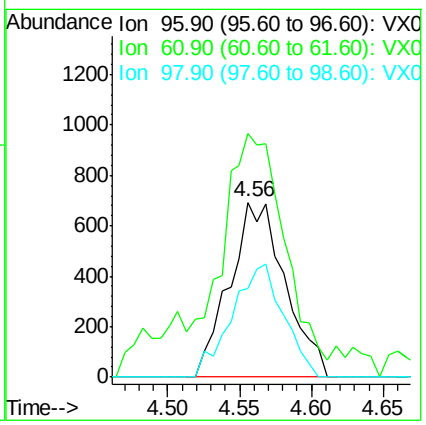


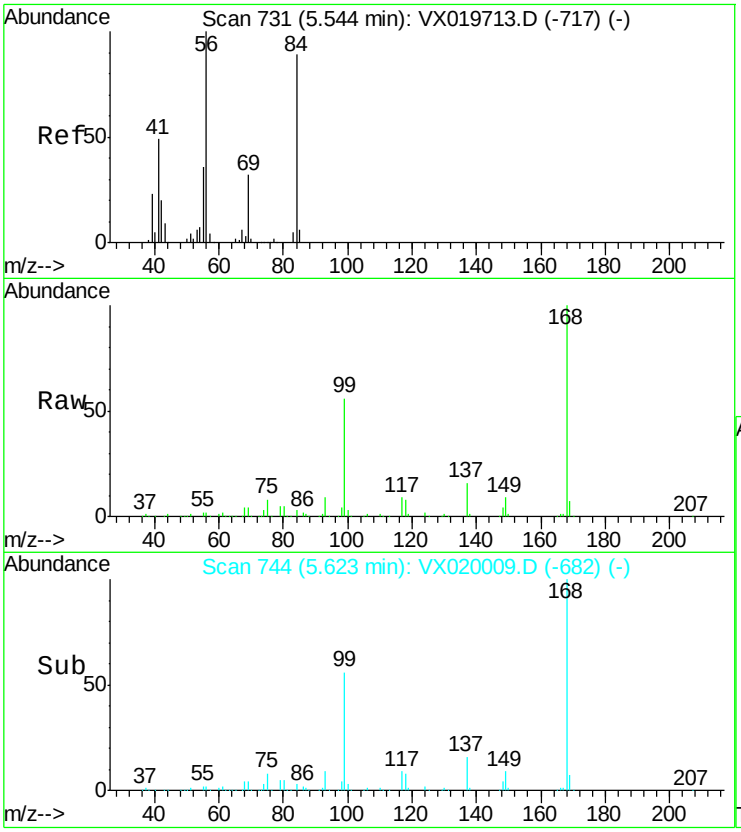


#27
cis-1,2-Dichloroethene
Concen: 0.480 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.00 min
Lab File: VX020009.D
Acq: 15 Dec 2020 14:15

Tgt Ion: 96 Resp: 1850

Ion	Ratio	Lower	Upper
96	100		
61	144.3	0.0	285.6
98	60.2	0.0	129.6



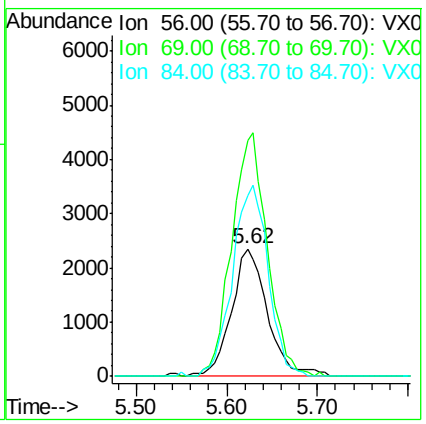


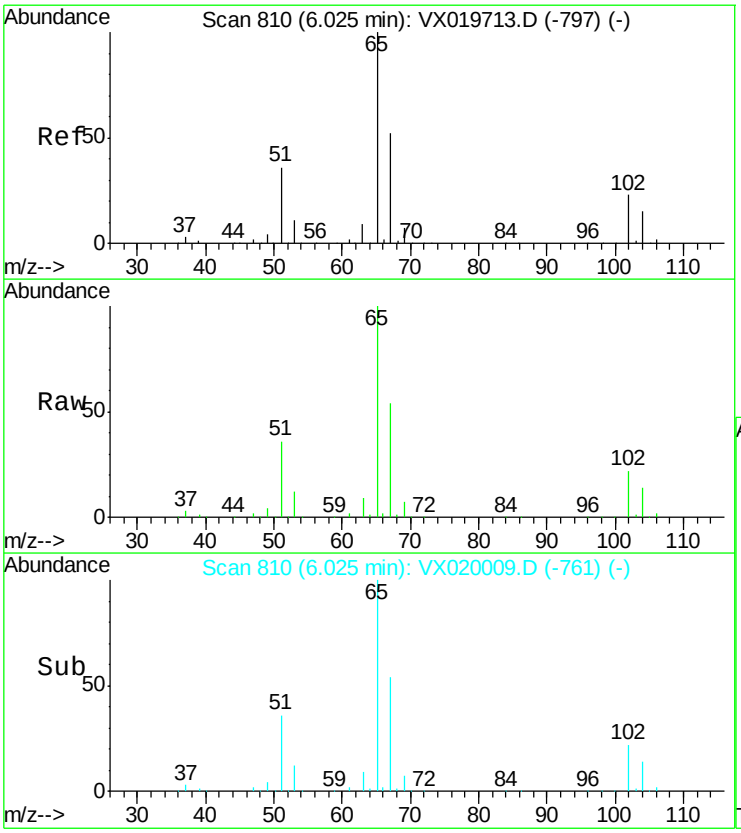
#31
Cyclohexane
Concen: 1.287 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.08 min
Lab File: VX020009.D
Acq: 15 Dec 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5227-121020

Tgt Ion: 56 Resp: 6479

Ion	Ratio	Lower	Upper
56	100		
69	185.2	25.3	37.9#
84	141.9	71.4	107.0#

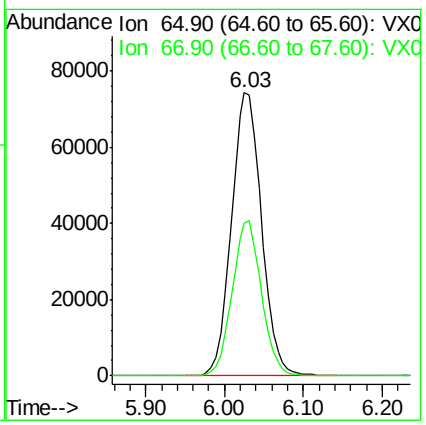


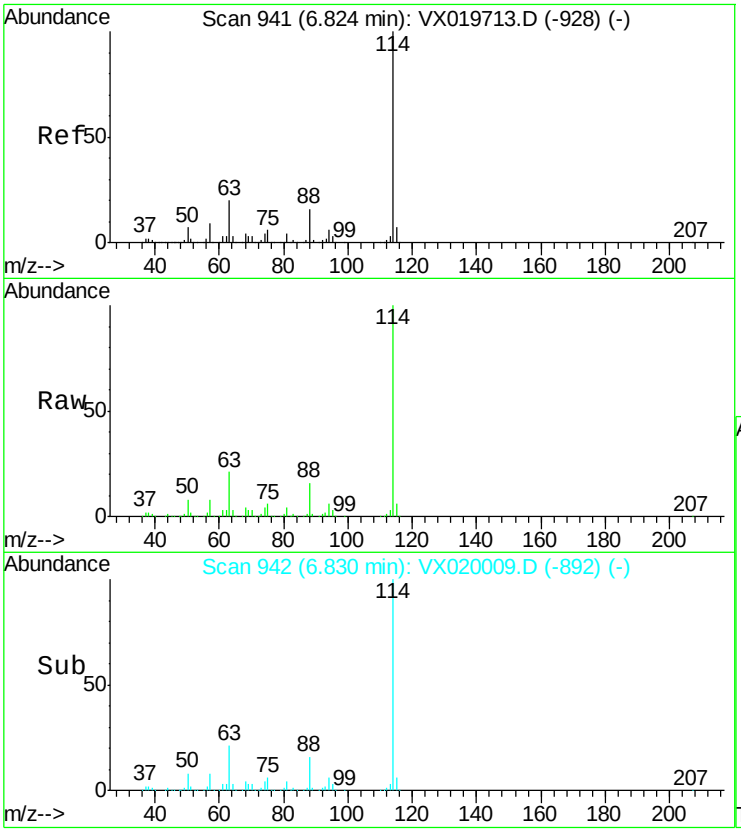


#33
1,2-Dichloroethane-d4
Concen: 48.569 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.00 min
Lab File: VX020009.D
Acq: 15 Dec 2020 14:15

Tgt Ion: 65 Resp: 196632

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	105.4



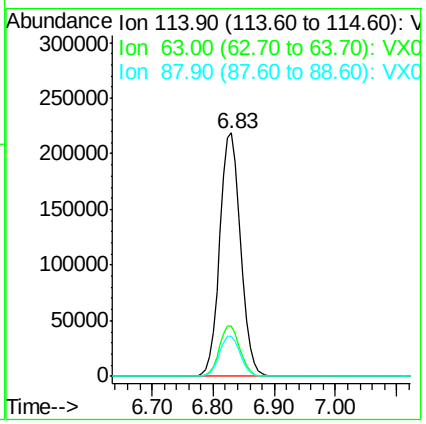


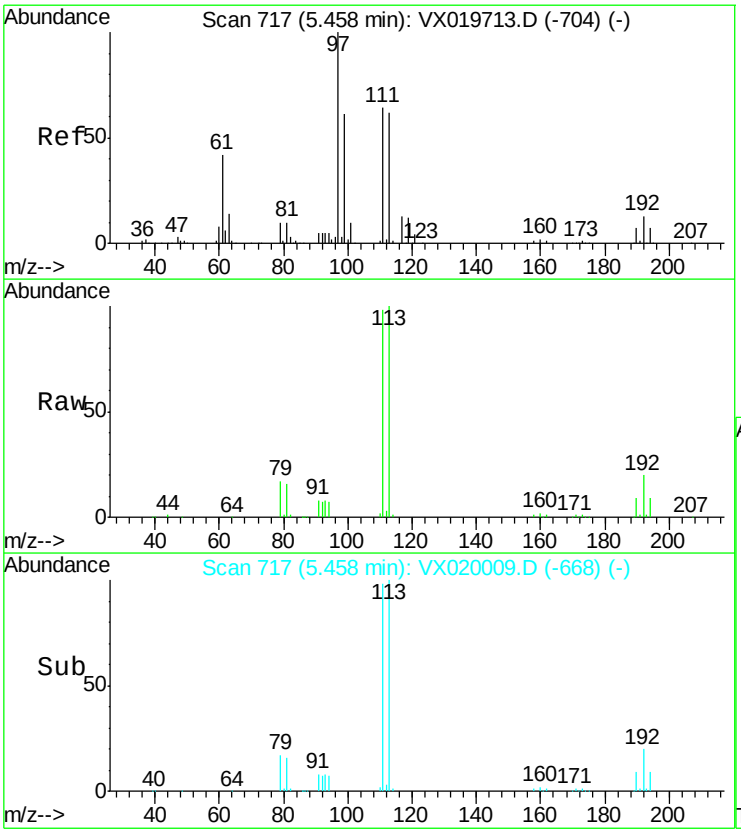
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX020009.D
Acq: 15 Dec 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5227-121020

Tgt Ion:114 Resp: 515821

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.8
88	16.3	0.0	32.8

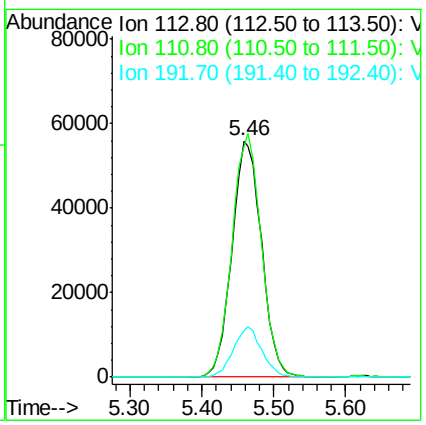


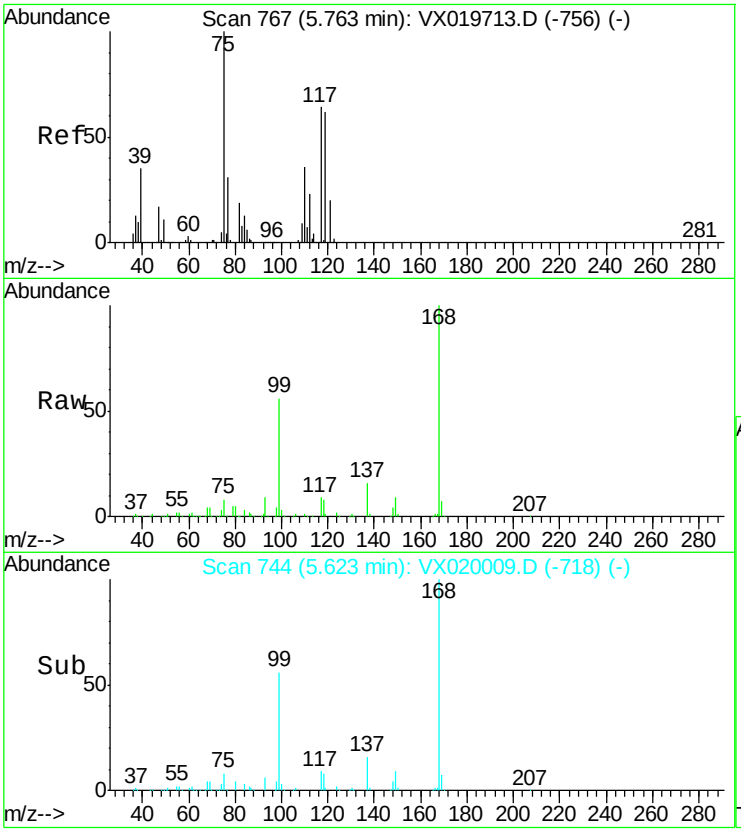


#35
Dibromofluoromethane
Concen: 47.878 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX020009.D
Acq: 15 Dec 2020 14:15

Tgt Ion:113 Resp: 159609

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.9	122.9
192	20.5	16.7	25.1



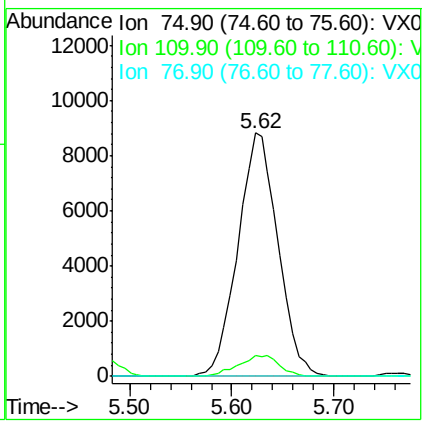


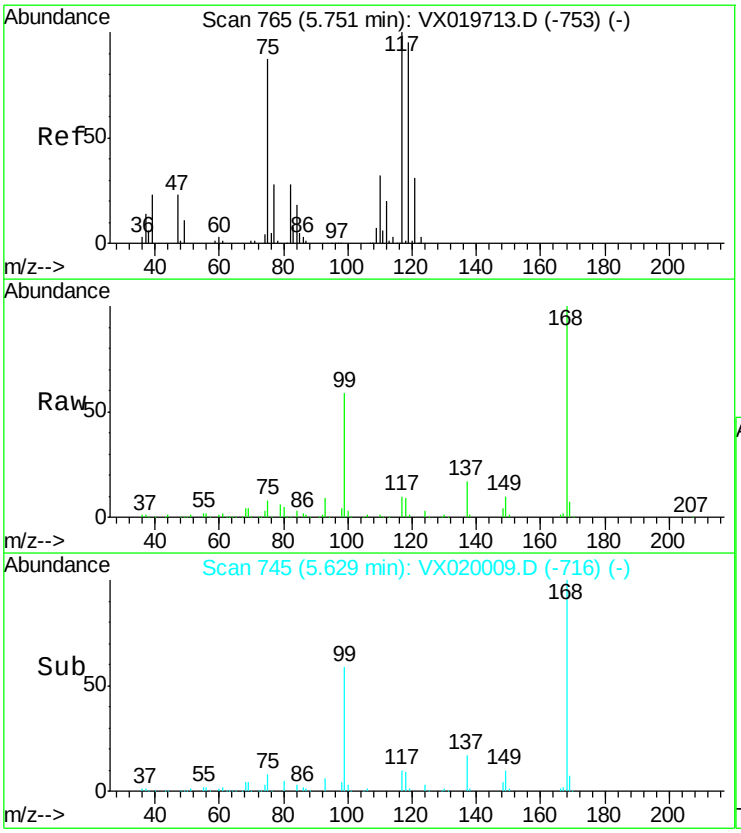
#36
1,1-Dichloropropene
Concen: 5.154 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.14 min
Lab File: VX020009.D
Acq: 15 Dec 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5227-121020

Tgt Ion: 75 Resp: 24022

Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.1	54.4#
77	0.0	25.3	37.9#

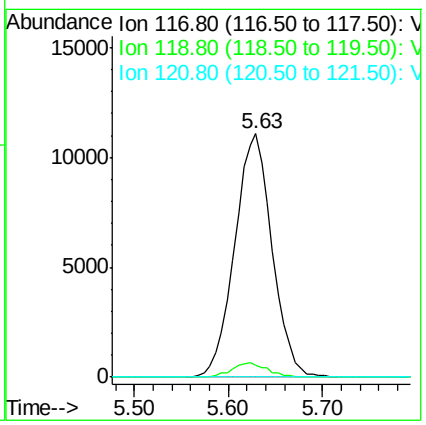


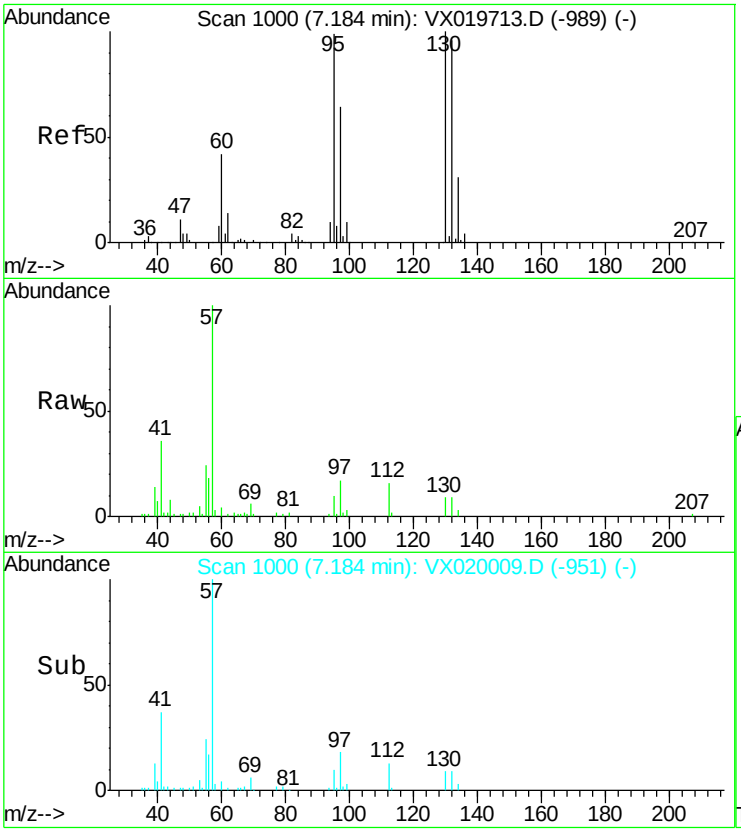


#38
Carbon Tetrachloride
Concen: 6.717 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX020009.D
Acq: 15 Dec 2020 14:15

Tgt Ion:117 Resp: 30661

Ion	Ratio	Lower	Upper
117	100		
119	4.9	76.2	114.2#
121	0.0	24.8	37.2#



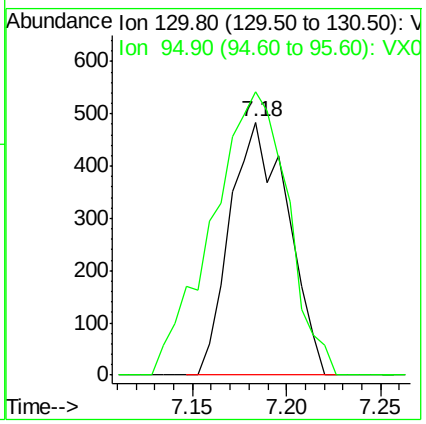


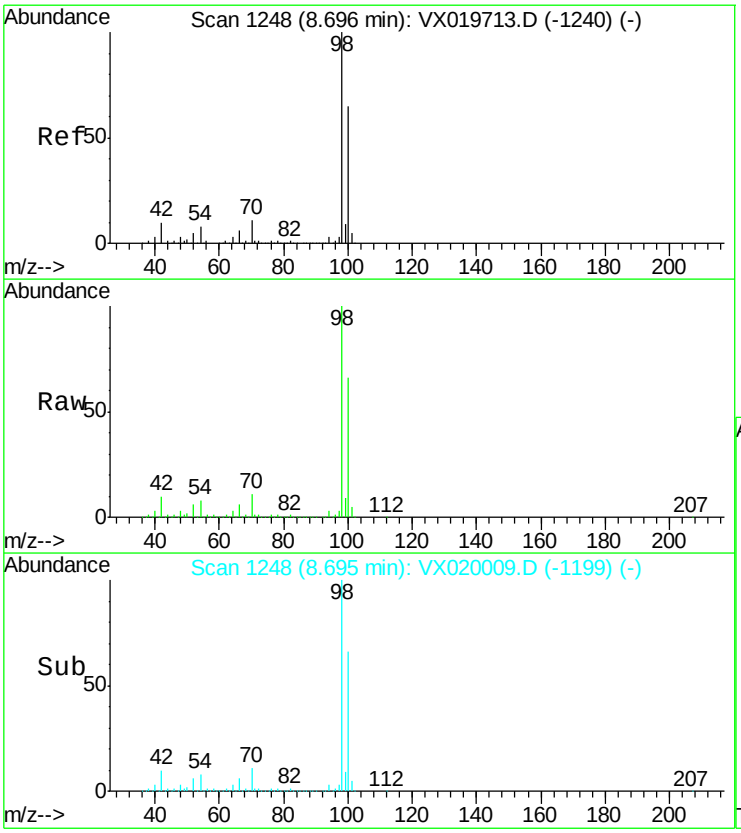
#44
Trichloroethene
Concen: 0.275 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VX020009.D
Acq: 15 Dec 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5227-121020

Tgt Ion:130 Resp: 1027

Ion	Ratio	Lower	Upper
130	100		
95	112.0	0.0	198.0

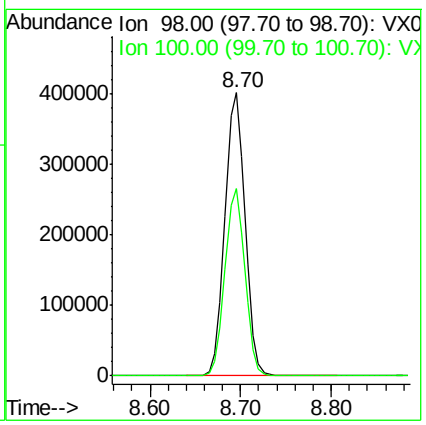


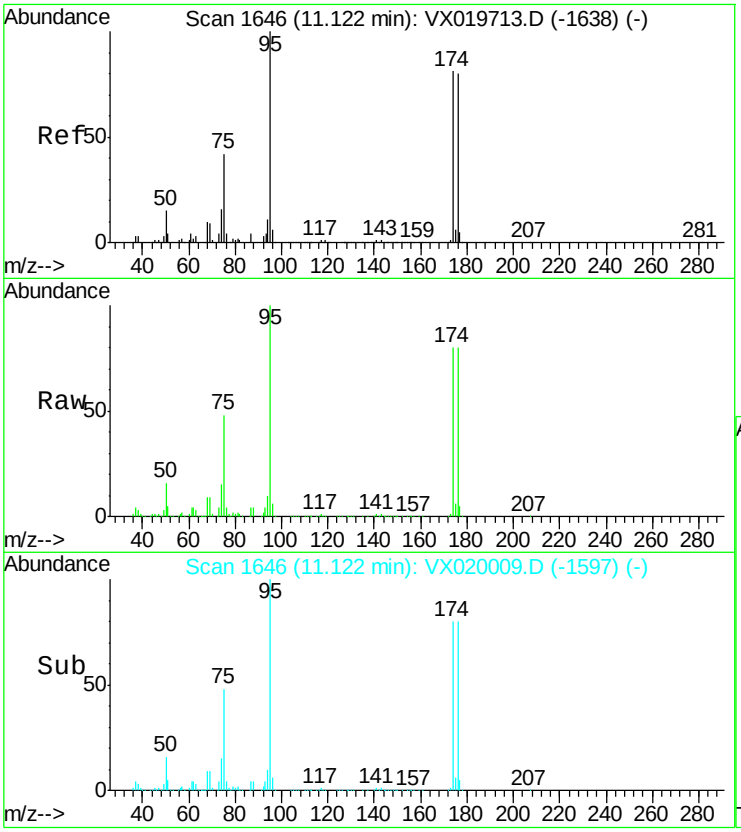


#50
Toluene-d8
Concen: 48.720 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX020009.D
Acq: 15 Dec 2020 14:15

Tgt Ion: 98 Resp: 620069

Ion	Ratio	Lower	Upper
98	100		
100	65.9	51.9	77.9



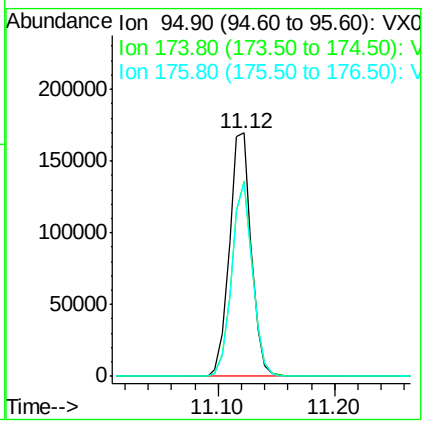


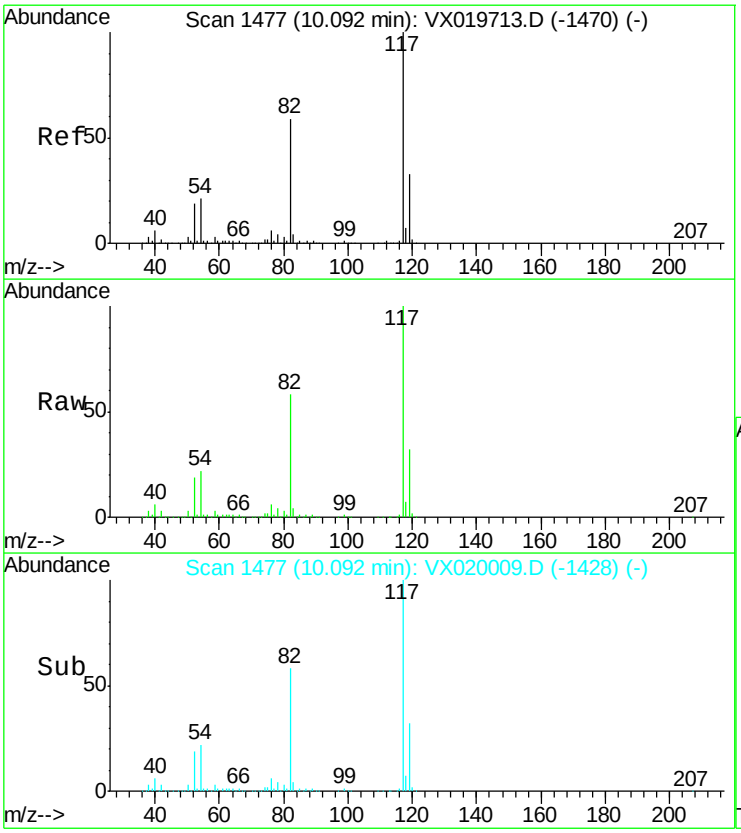
#62
4-Bromofluorobenzene
Concen: 45.636 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX020009.D
Acq: 15 Dec 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5227-121020

Tgt Ion: 95 Resp: 221067

Ion	Ratio	Lower	Upper
95	100		
174	76.8	0.0	154.6
176	75.6	0.0	155.8

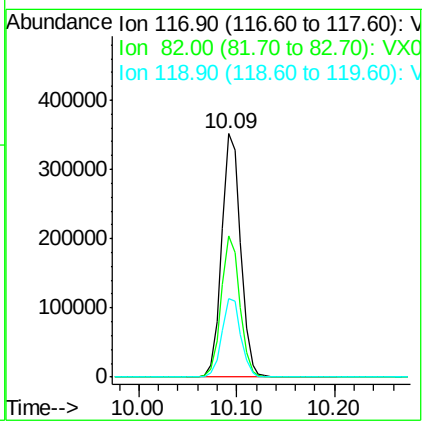


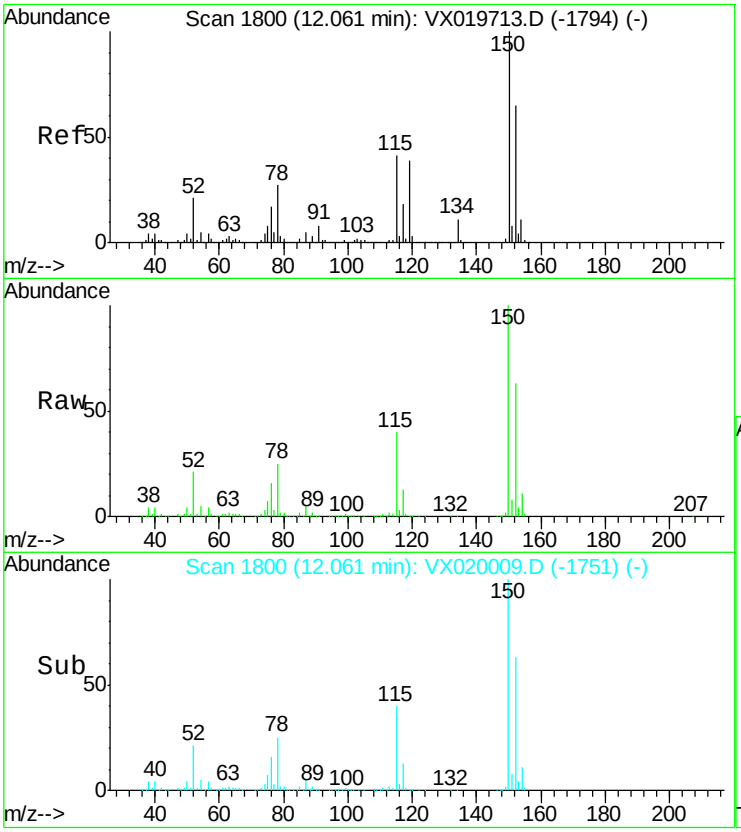


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX020009.D
Acq: 15 Dec 2020 14:15

Tgt Ion:117 Resp: 470986

Ion	Ratio	Lower	Upper
117	100		
82	58.1	47.4	71.2
119	32.1	26.6	39.8



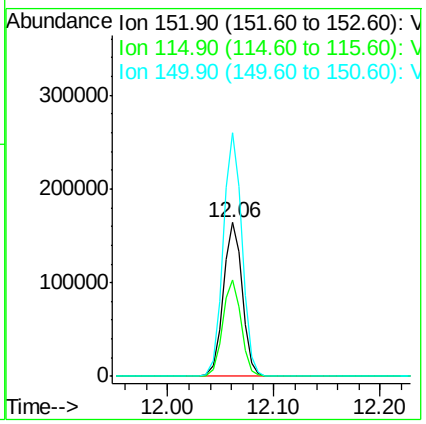


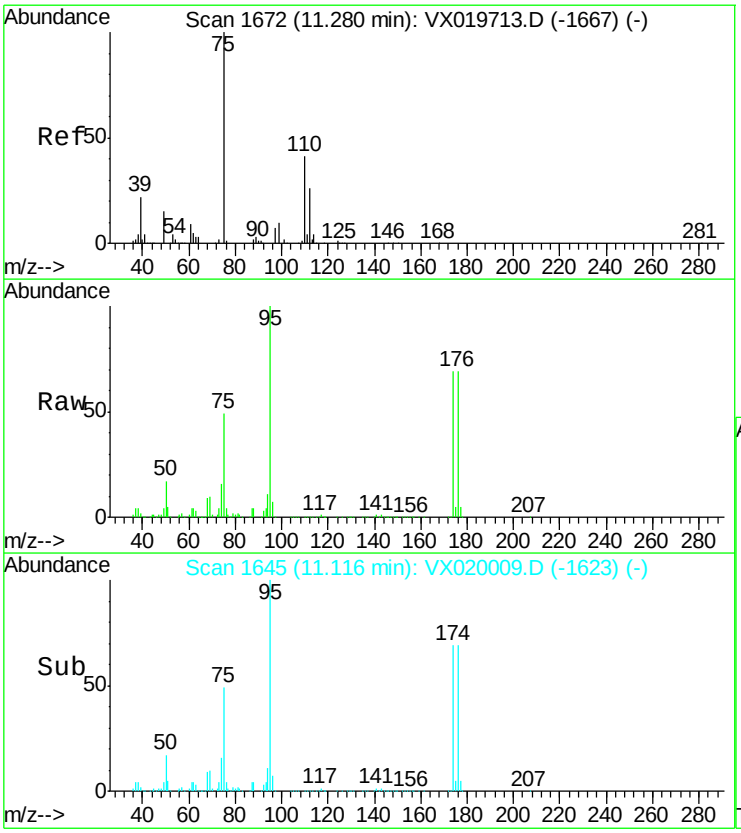
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX020009.D
Acq: 15 Dec 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5227-121020

Tgt Ion:152 Resp: 204090

Ion	Ratio	Lower	Upper
152	100		
115	61.1	41.1	123.3
150	157.5	0.0	349.0

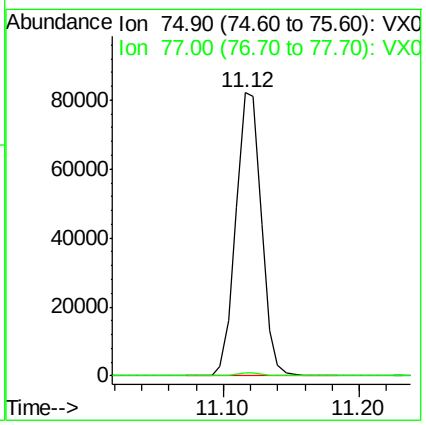


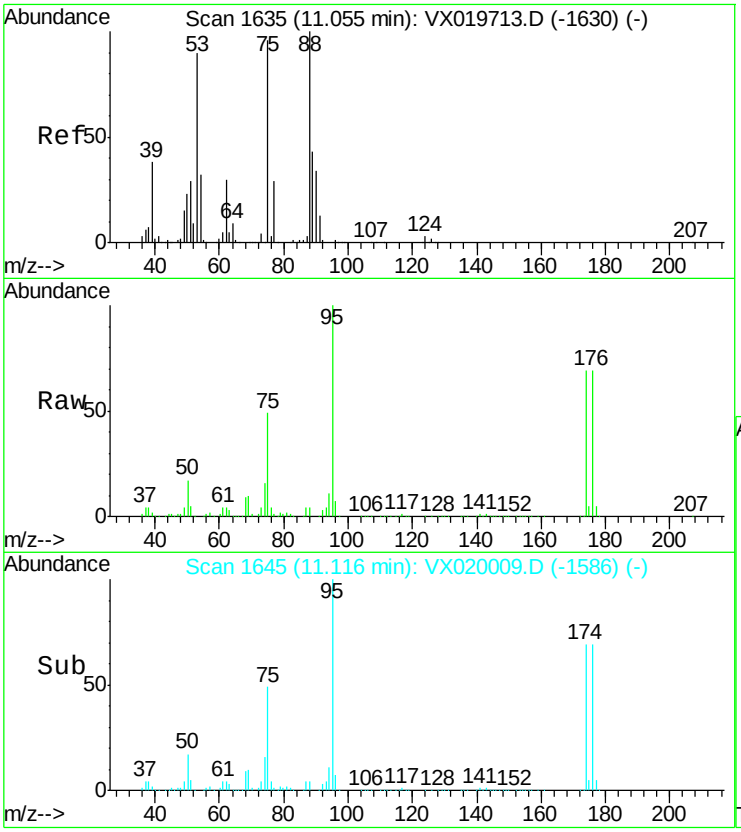


#76
1,2,3-Trichloropropane
Concen: 23.437 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. -0.16 min
Lab File: VX020009.D
Acq: 15 Dec 2020 14:15

Tgt Ion: 75 Resp: 107278

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 67.751 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. 0.06 min
Lab File: VX020009.D
Acq: 15 Dec 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5227-121020

Tgt Ion: 75 Resp: 107278

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