Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121520\
Data File : VX020015.D
Acq On : 15 Dec 2020 16:35
Operator : JC/MD
Sample : L5052-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TU032-32-5076-121020

Quant Time: Dec 16 00:26:12 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	313473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	522080	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	476760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	211080	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	199659	48.46	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 96.92%			
35) Dibromofluoromethane	5.46	113	165255	48.98	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.96%			
50) Toluene-d8	8.70	98	636860	49.44	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.88%			
62) 4-Bromofluorobenzene	11.12	95	224754	45.84	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.68%			
Target Compounds						Qvalue
3) Chloromethane	1.31	50	11251	3.333	ug/l #	46
4) Vinyl Chloride	1.39	62	9752	2.740	ug/l #	68
5) Bromomethane	1.64	94	410	0.347	ug/l	83
6) Chloroethane	1.61	64	40420	18.906	ug/l #	55
11) Tert butyl alcohol	3.00	59	2192	Below Cal	#	73
13) Acrolein	2.25	56	277	0.609	ug/l	99
16) Acetone	2.42	43	6009	3.880	ug/l	96
17) Carbon Disulfide	2.55	76	15045	1.826	ug/l	98
20) Methylene Chloride	2.84	84	562	Below Cal	#	82
21) trans-1,2-Dichloroethene	3.14	96	1401	0.418	ug/l #	81
25) 2-Butanone	4.64	43	1360	0.572	ug/l	91
27) cis-1,2-Dichloroethene	4.56	96	7994	2.040	ug/l	97
31) Cyclohexane	5.62	56	6052	1.181	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	23834	5.052	ug/l #	48
37) Ethyl Acetate	4.64	43	1360	0.286	ug/l #	64
38) Carbon Tetrachloride	5.63	117	31267	6.768	ug/l #	17
40) Benzene	6.10	78	3468	0.241	ug/l	100
76) 1,2,3-Trichloropropane	11.12	75	109055	23.036	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.12	75	109055	66.592	ug/l #	12

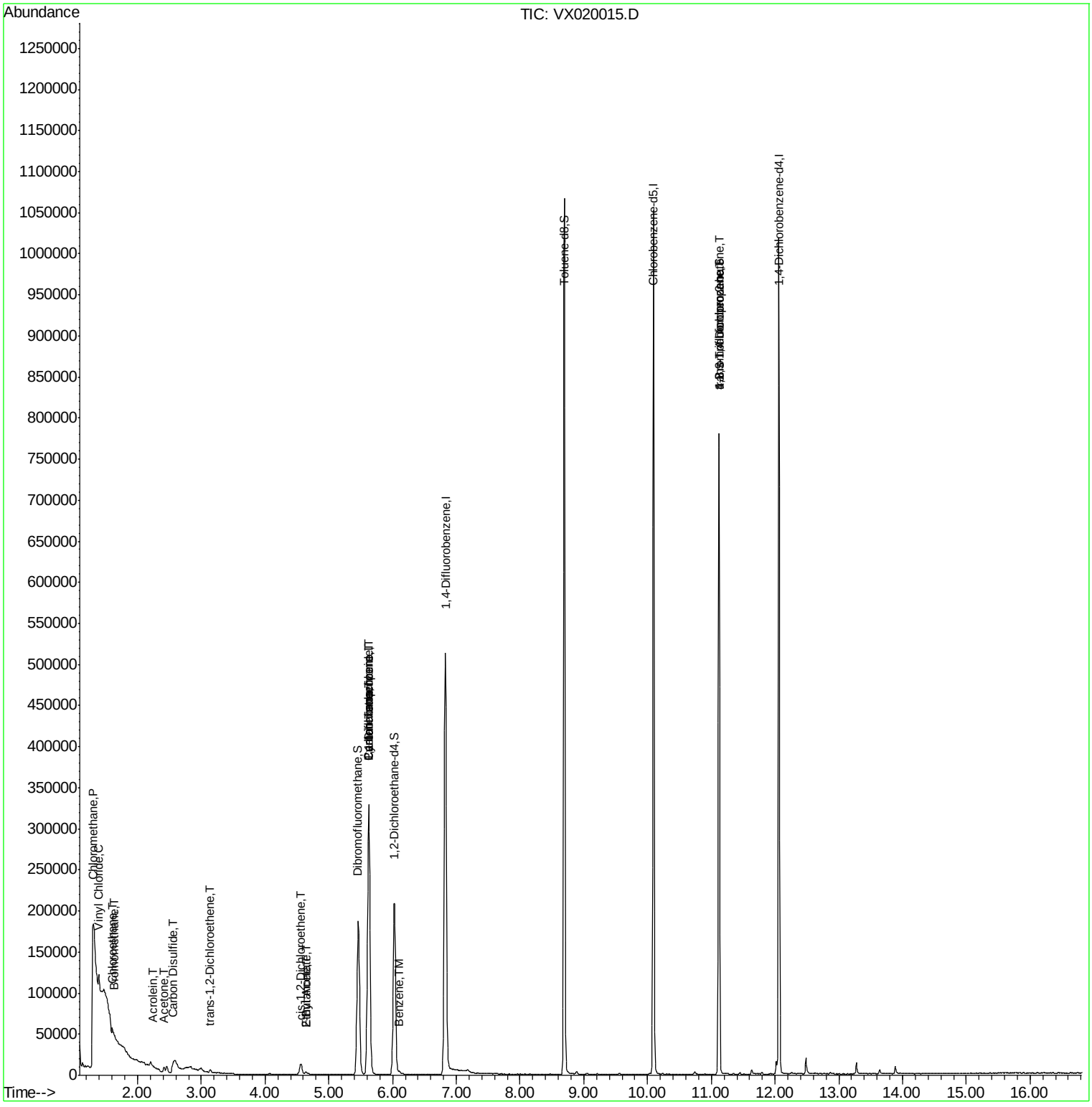
(#) = qualifier out of range (m) = manual integration (+) = signals summed

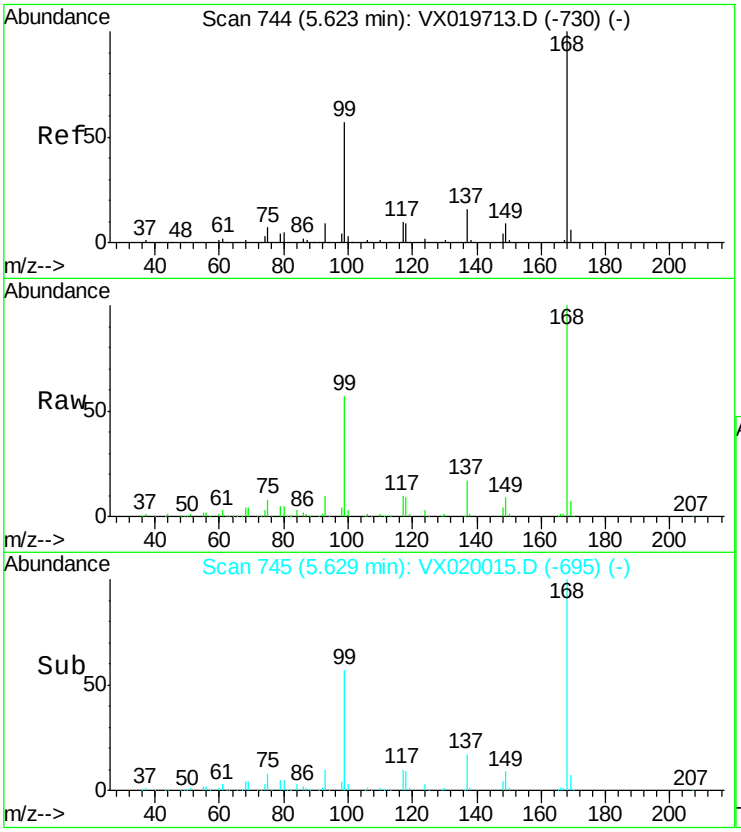
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121520\
Data File : VX020015.D
Acq On : 15 Dec 2020 16:35
Operator : JC/MD
Sample : L5052-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5076-121020

Quant Time: Dec 16 00:26:12 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



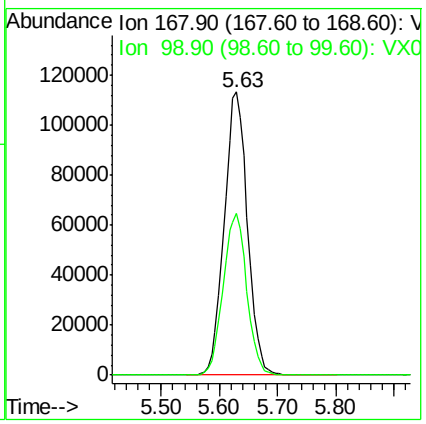


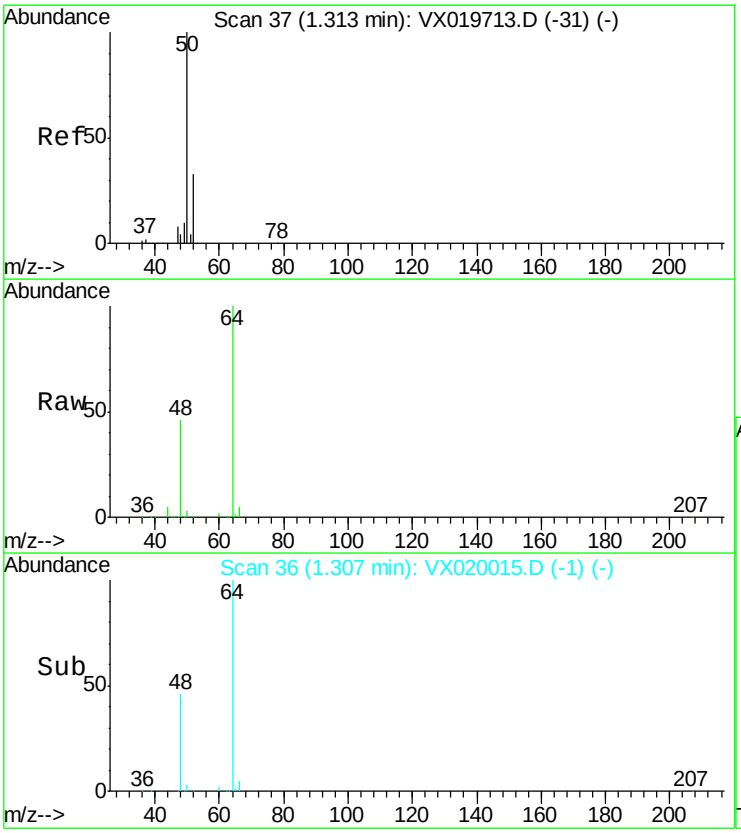
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.01 min
Lab File: VX020015.D
Acq: 15 Dec 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5076-121020

Tgt Ion:168 Resp: 313473

Ion	Ratio	Lower	Upper
168	100		
99	57.2	45.8	68.6

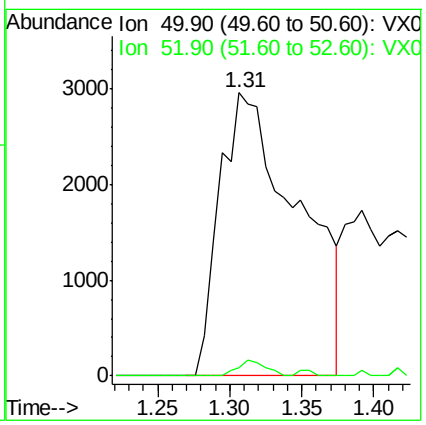


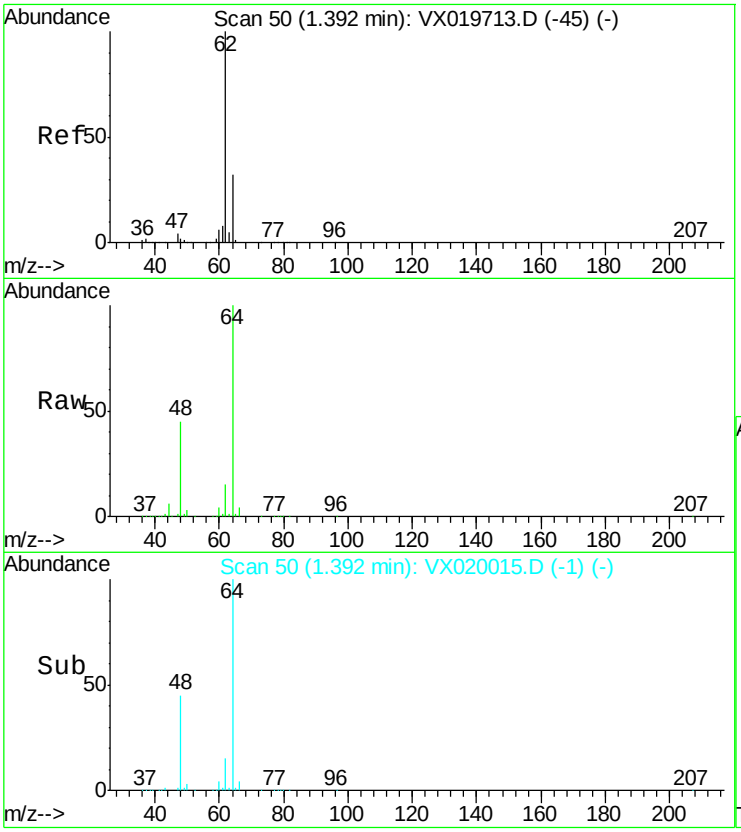


#3
Chloromethane
Concen: 3.333 ug/l
RT: 1.31 min Scan# 36
Delta R.T. -0.01 min
Lab File: VX020015.D
Acq: 15 Dec 2020 16:35

Tgt Ion: 50 Resp: 11251

Ion	Ratio	Lower	Upper
50	100		
52	2.7	26.4	39.6#



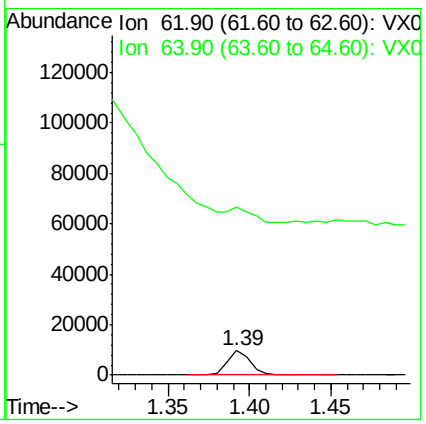


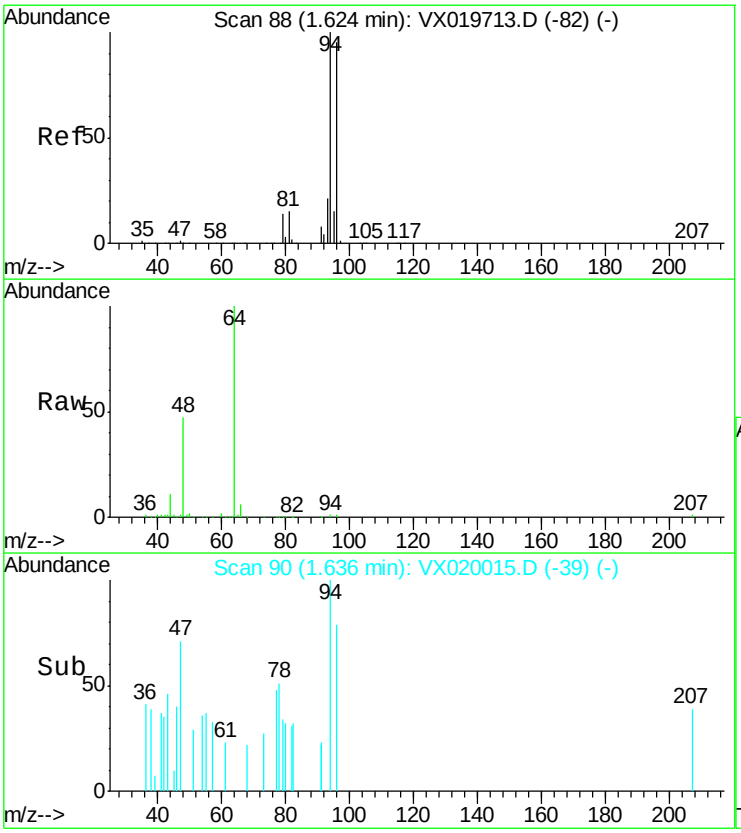
#4
Vinyl Chloride
Concen: 2.740 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX020015.D
Acq: 15 Dec 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5076-121020

Tgt Ion: 62 Resp: 9752

Ion	Ratio	Lower	Upper
62	100		
64	49.9	25.7	38.5#

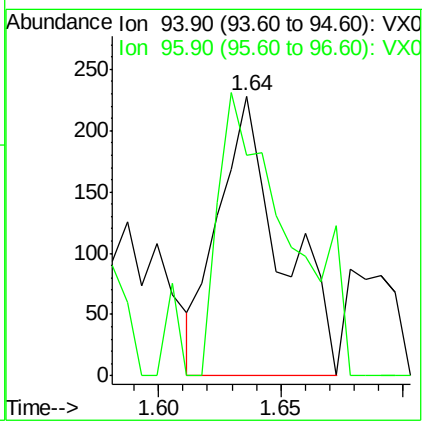


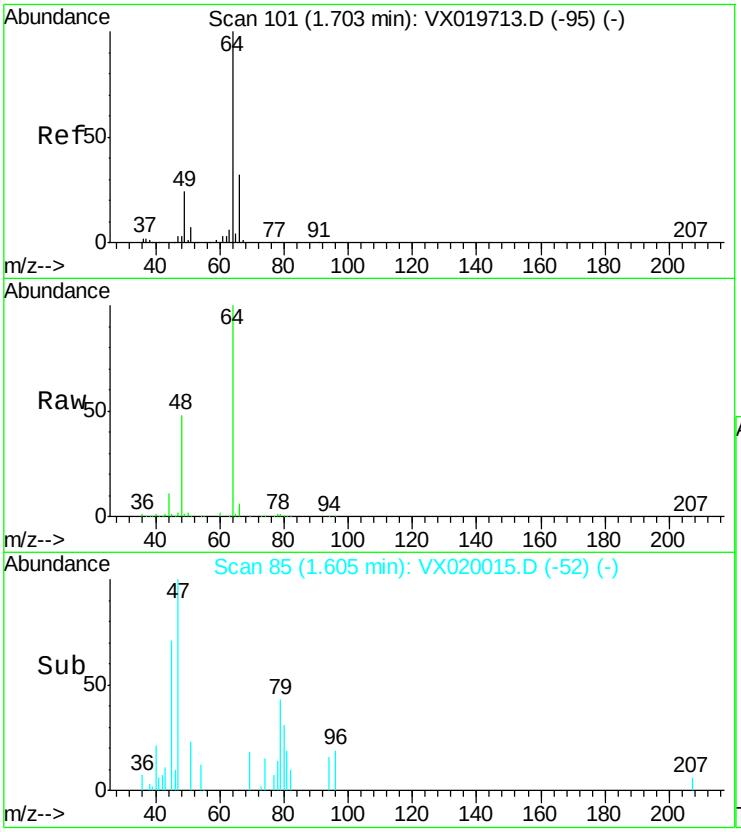


#5
Bromomethane
Concen: 0.347 ug/l
RT: 1.64 min Scan# 90
Delta R.T. 0.01 min
Lab File: VX020015.D
Acq: 15 Dec 2020 16:35

Tgt Ion: 94 Resp: 410

Ion	Ratio	Lower	Upper
94	100		
96	78.9	76.4	114.6



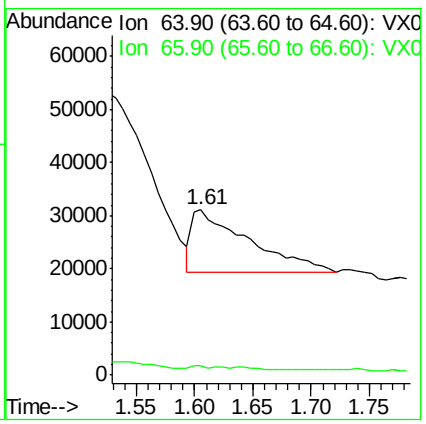


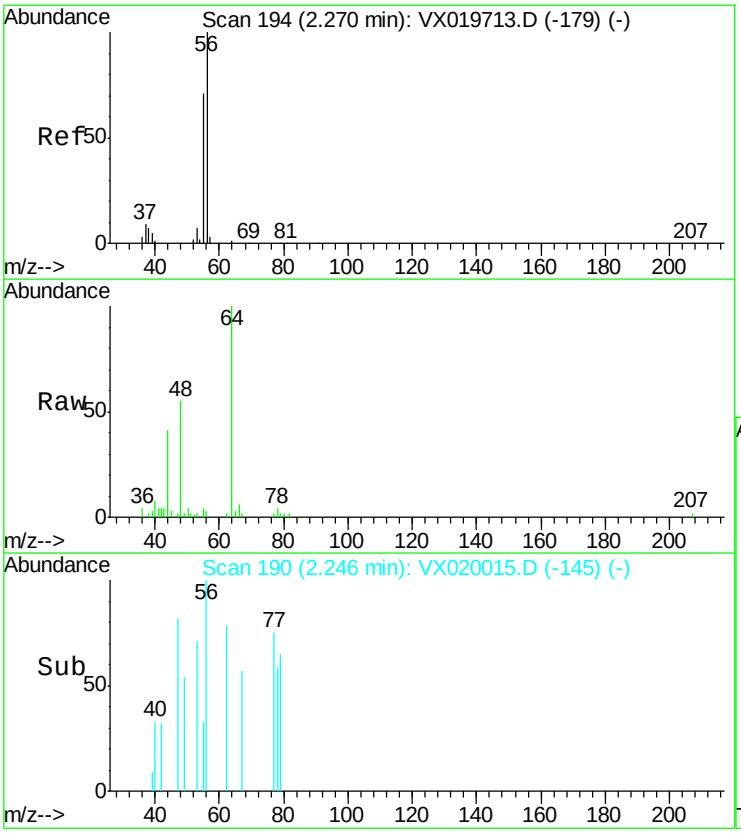
#6
Chloroethane
Concen: 18.906 ug/l
RT: 1.61 min Scan# 85
Delta R.T. -0.10 min
Lab File: VX020015.D
Acq: 15 Dec 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5076-121020

Tgt Ion: 64 Resp: 40420

Ion	Ratio	Lower	Upper
64	100		
66	6.7	25.4	38.0#

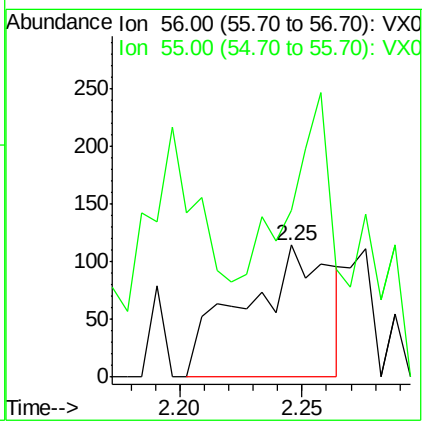


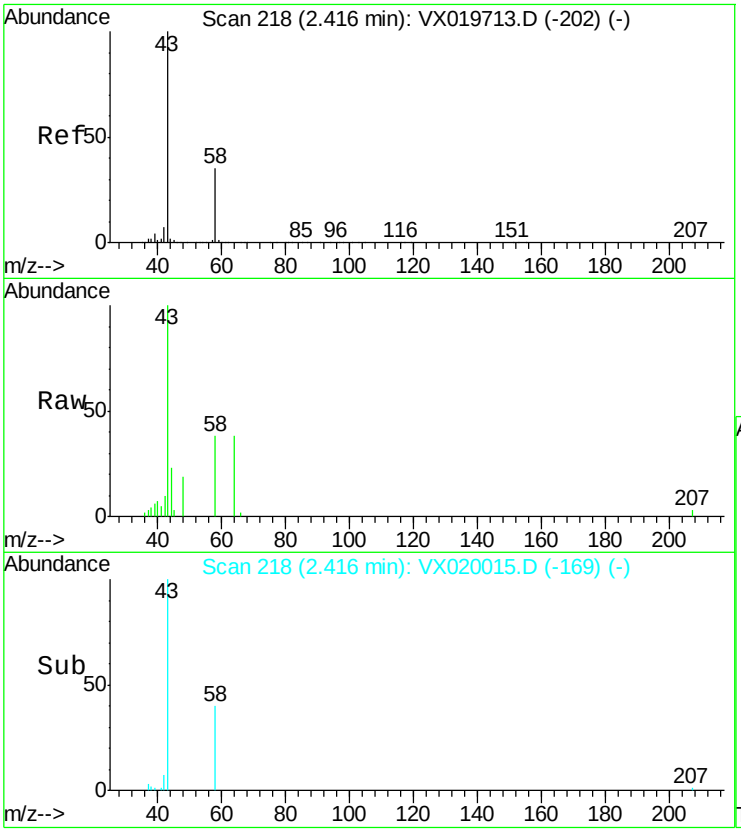


#13
Acrolein
Concen: 0.609 ug/l
RT: 2.25 min Scan# 190
Delta R.T. -0.02 min
Lab File: VX020015.D
Acq: 15 Dec 2020 16:35

Tgt Ion: 56 Resp: 277

Ion	Ratio	Lower	Upper
56	100		
55	71.5	56.4	84.6



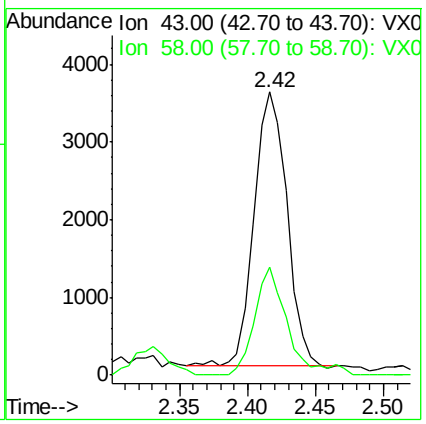


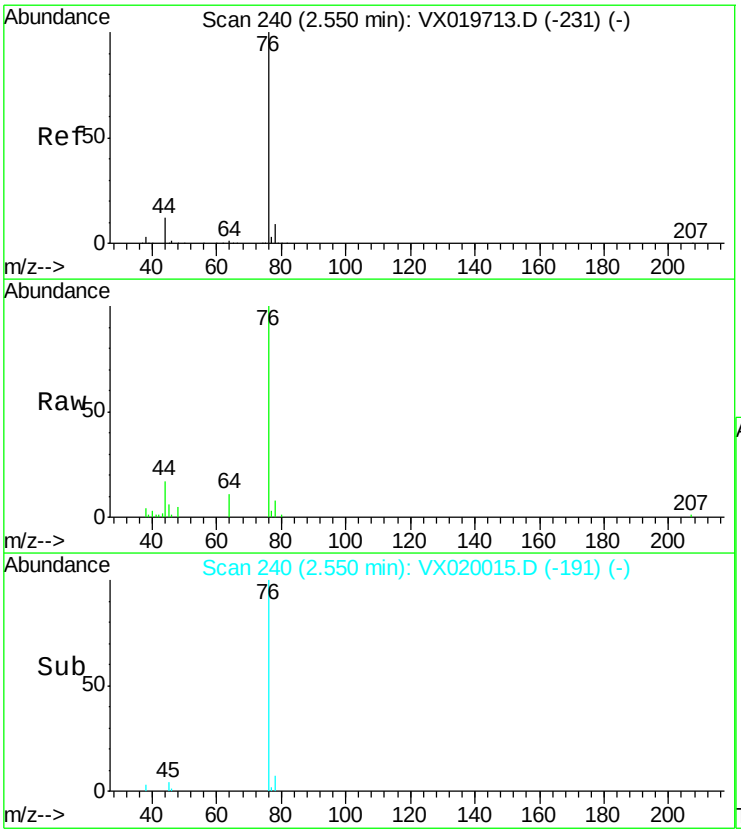
#16
Acetone
Concen: 3.880 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX020015.D
Acq: 15 Dec 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5076-121020

Tgt Ion: 43 Resp: 6009

Ion	Ratio	Lower	Upper
43	100		
58	37.3	27.8	41.8

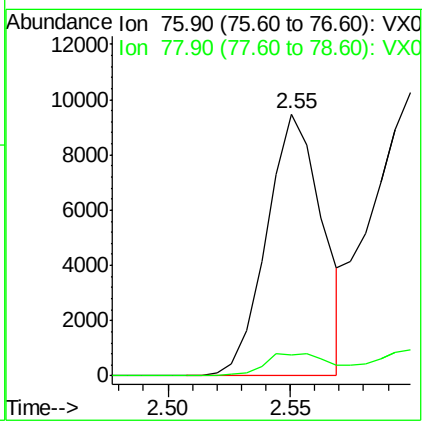


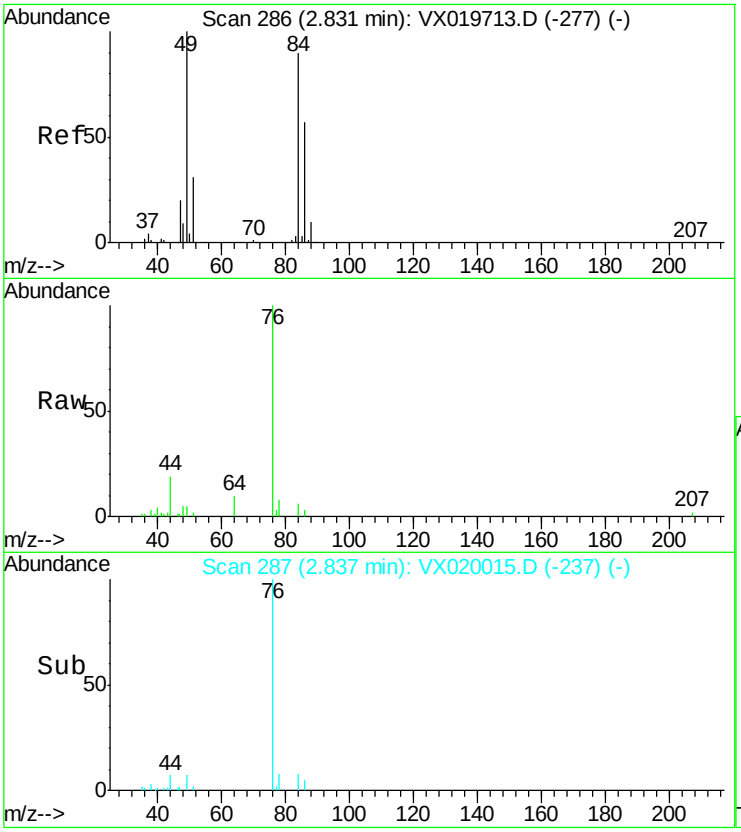


#17
Carbon Disulfide
Concen: 1.826 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX020015.D
Acq: 15 Dec 2020 16:35

Tgt Ion: 76 Resp: 15045

Ion	Ratio	Lower	Upper
76	100		
78	8.1	7.2	10.8



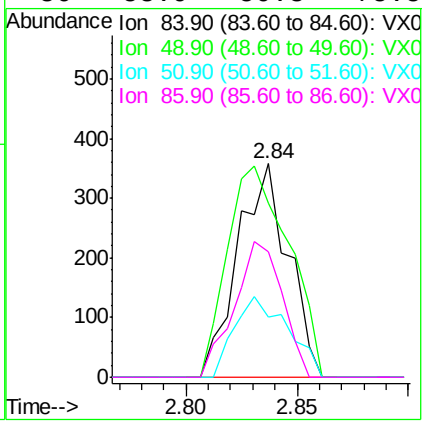


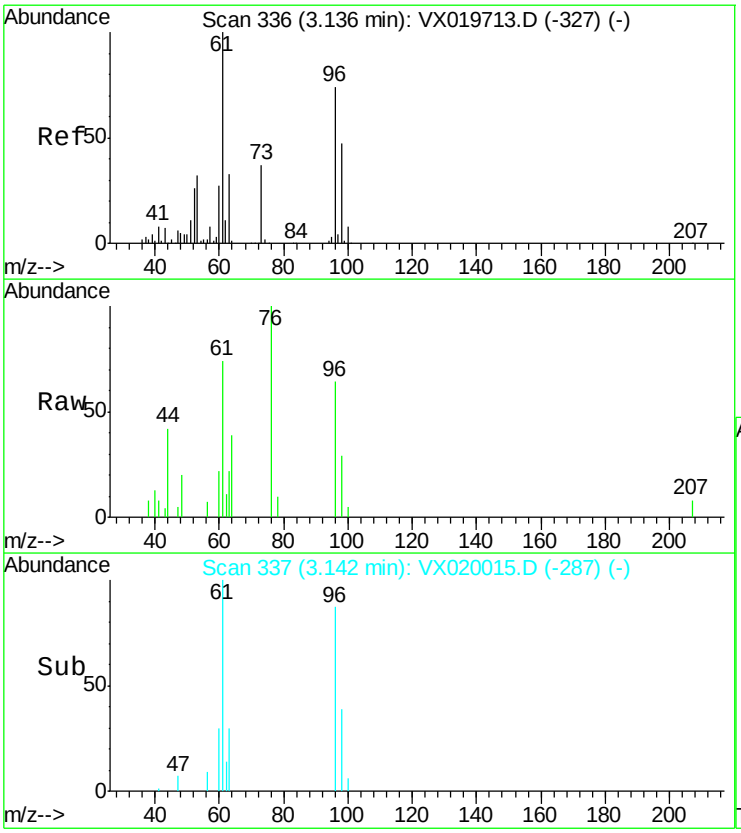
#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX020015.D
Acq: 15 Dec 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5076-121020

Tgt Ion: 84 Resp: 562

Ion	Ratio	Lower	Upper
84	100		
49	81.6	88.6	132.8#
51	27.9	27.0	40.6
86	58.9	50.3	75.5

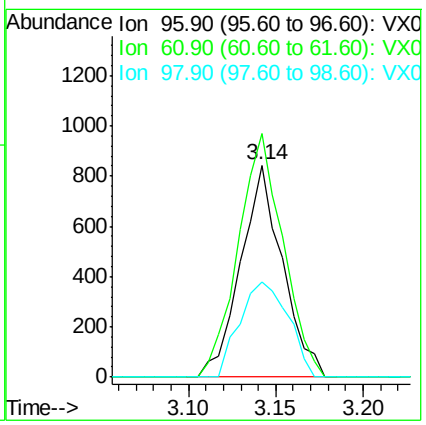


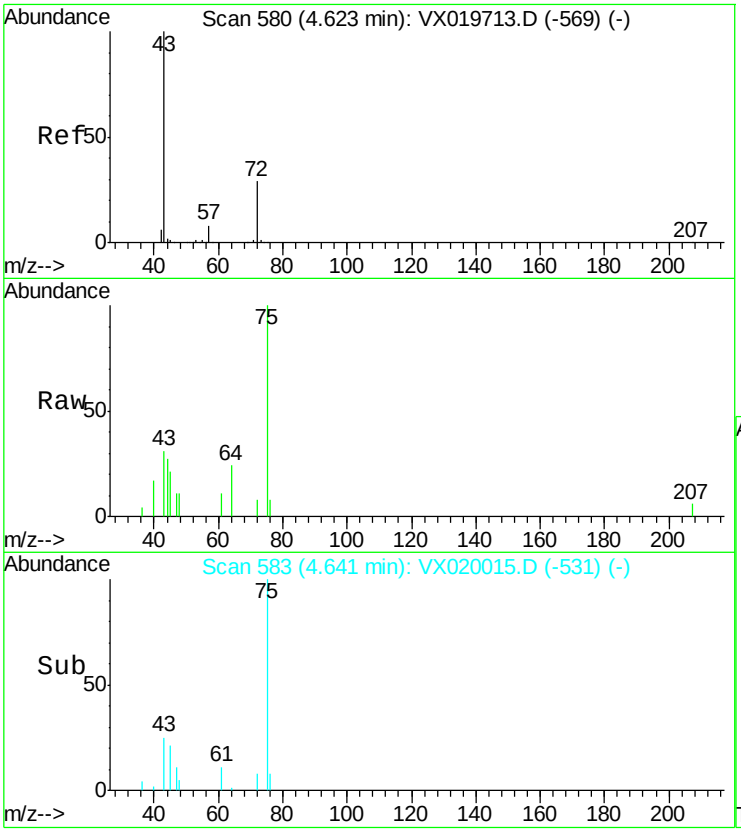


#21
trans-1,2-Dichloroethene
Concen: 0.418 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX020015.D
Acq: 15 Dec 2020 16:35

Tgt Ion: 96 Resp: 1401

Ion	Ratio	Lower	Upper
96	100		
61	114.9	107.7	161.5
98	45.1	50.4	75.6#



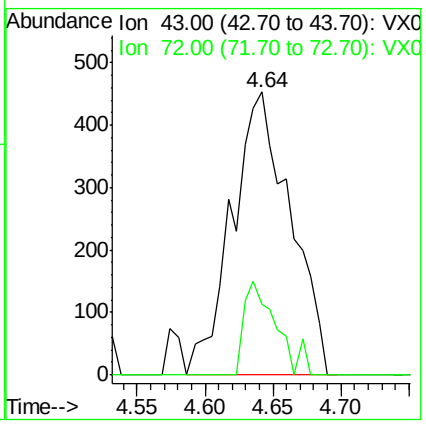


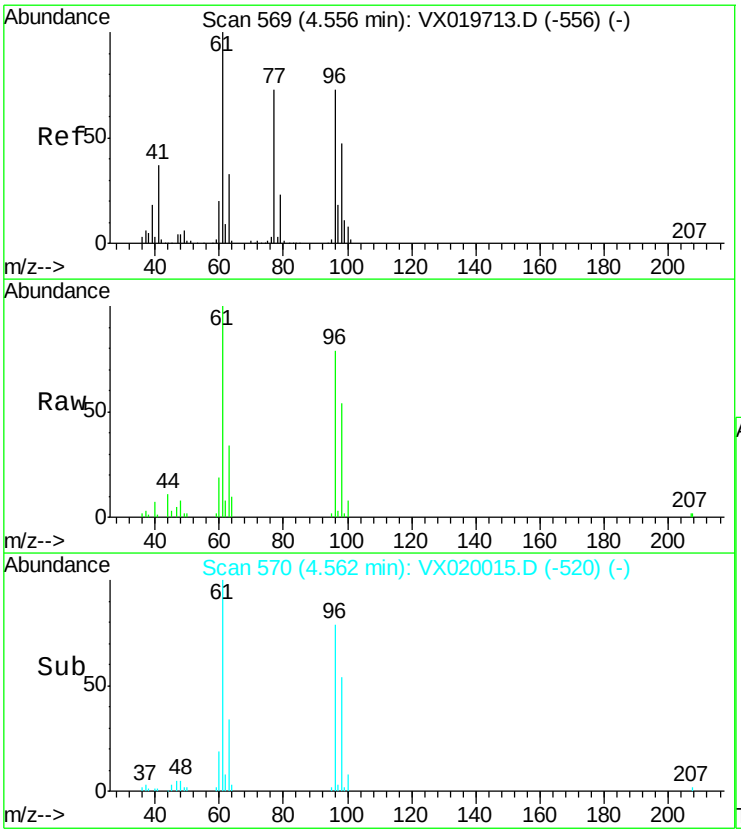
#25
2-Butanone
Concen: 0.572 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.02 min
Lab File: VX020015.D
Acq: 15 Dec 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5076-121020

Tgt Ion: 43 Resp: 1360

Ion	Ratio	Lower	Upper
43	100		
72	24.9	23.7	35.5

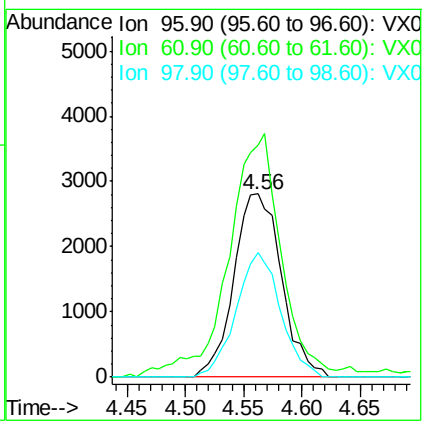


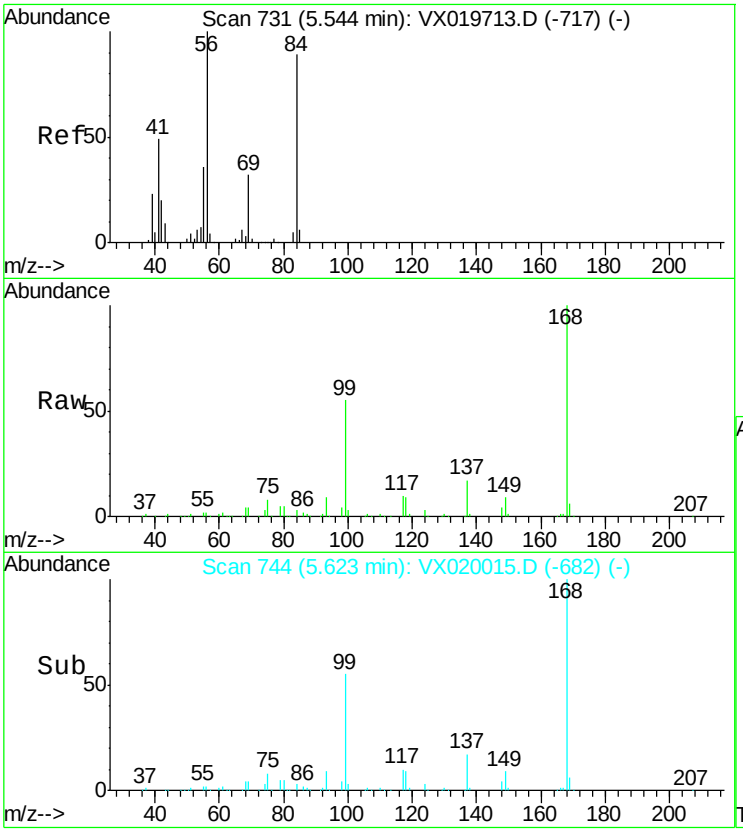


#27
cis-1,2-Dichloroethene
Concen: 2.040 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX020015.D
Acq: 15 Dec 2020 16:35

Tgt Ion: 96 Resp: 7994

Ion	Ratio	Lower	Upper
96	100		
61	147.1	0.0	285.6
98	63.5	0.0	129.6



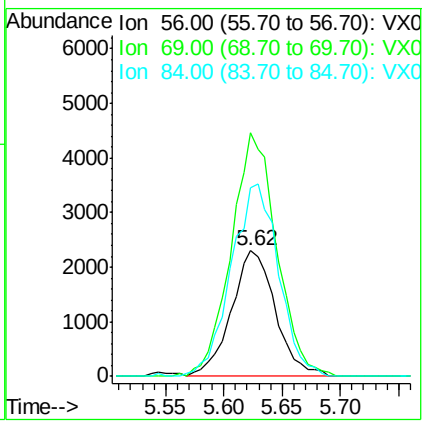


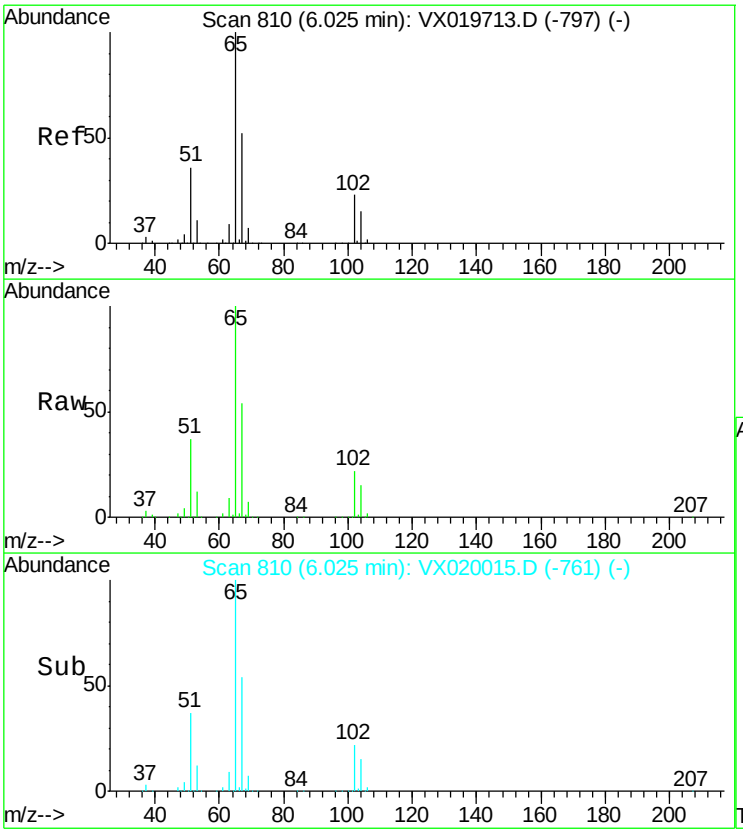
#31
Cyclohexane
Concen: 1.181 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.08 min
Lab File: VX020015.D
Acq: 15 Dec 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5076-121020

Tgt Ion: 56 Resp: 6052

Ion	Ratio	Lower	Upper
56	100		
69	193.5	25.3	37.9#
84	149.6	71.4	107.0#

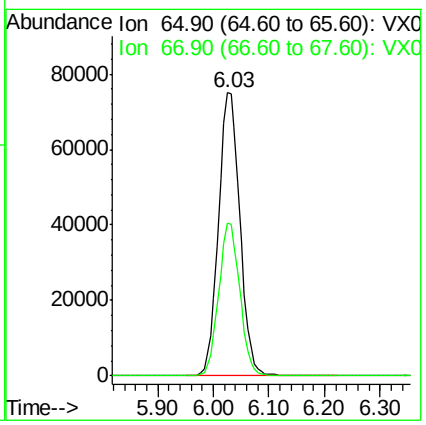


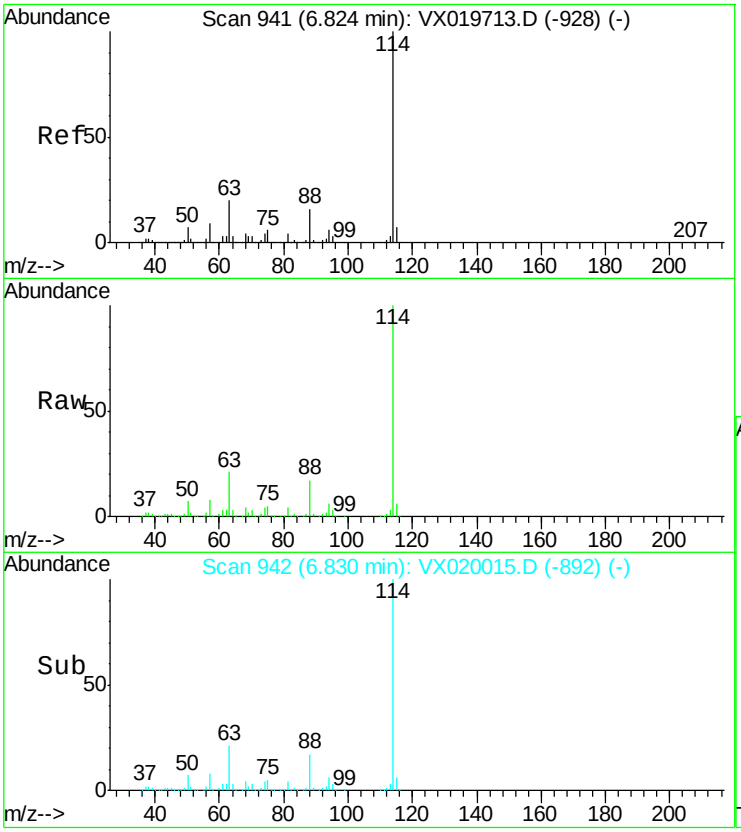


#33
1,2-Dichloroethane-d4
Concen: 48.461 ug/l
RT: 6.03 min Scan# 810
Delta R.T. 0.00 min
Lab File: VX020015.D
Acq: 15 Dec 2020 16:35

Tgt Ion: 65 Resp: 199659

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.4



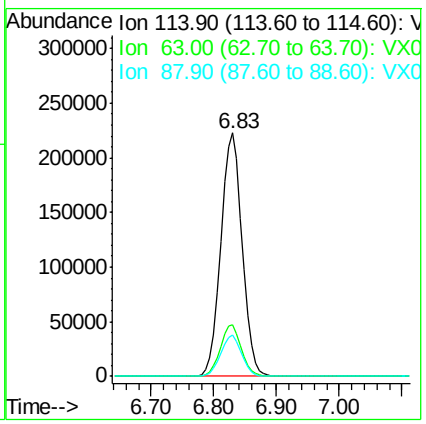


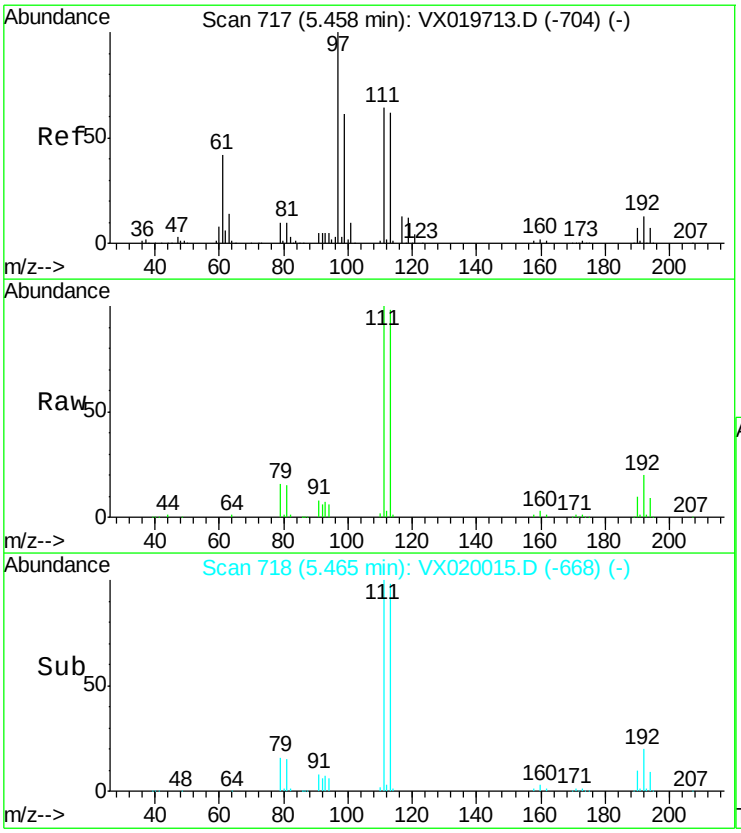
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX020015.D
Acq: 15 Dec 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5076-121020

Tgt Ion:114 Resp: 522080

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	40.8
88	17.1	0.0	32.8

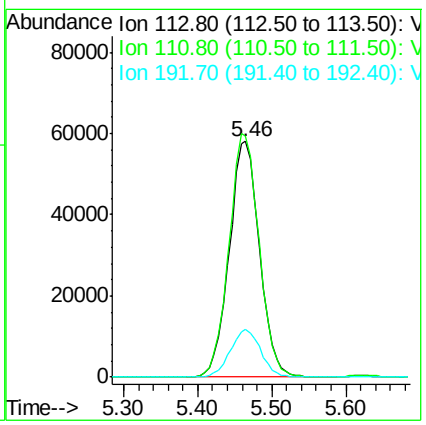


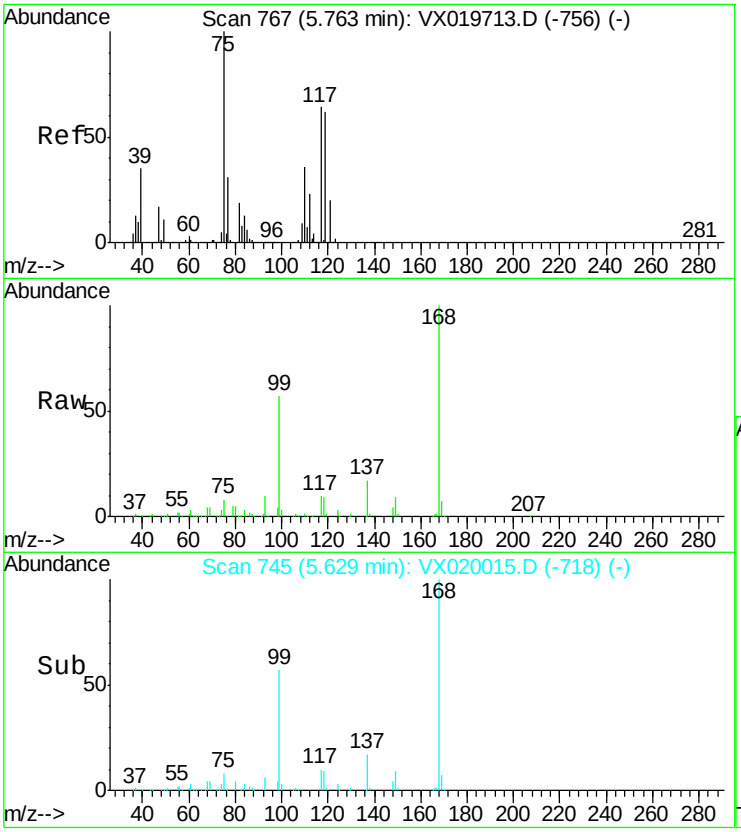


#35
Dibromofluoromethane
Concen: 48.977 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX020015.D
Acq: 15 Dec 2020 16:35

Tgt Ion:113 Resp: 165255

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



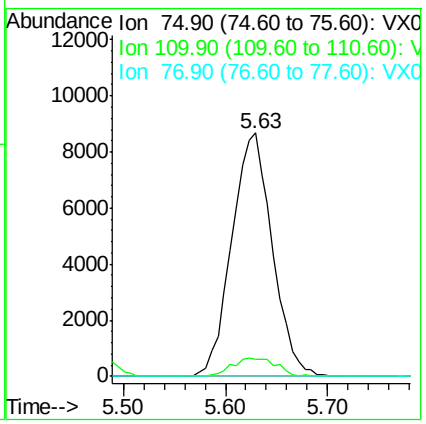


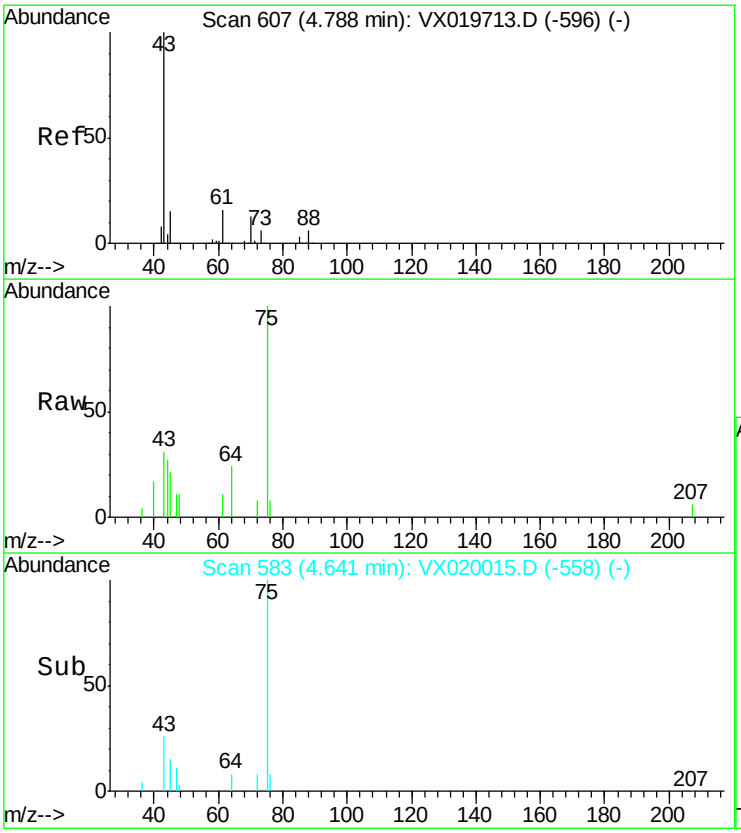
#36
1,1-Dichloropropene
Concen: 5.052 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX020015.D
Acq: 15 Dec 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5076-121020

Tgt Ion: 75 Resp: 23834

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

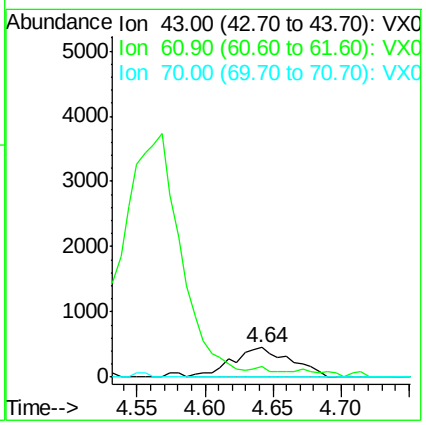


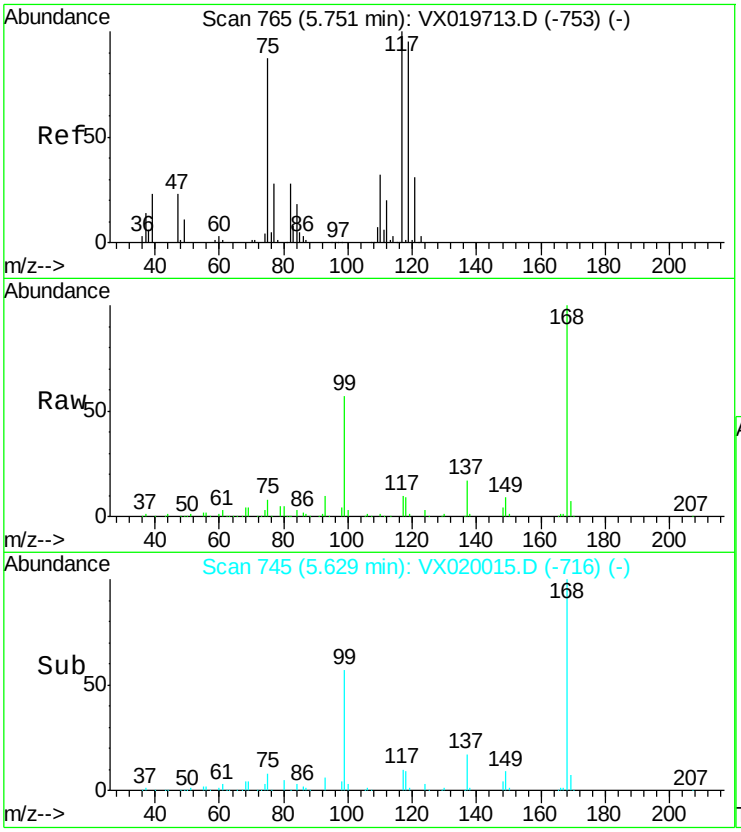


#37
Ethyl Acetate
Concen: 0.286 ug/l
RT: 4.64 min Scan# 583
Delta R.T. -0.15 min
Lab File: VX020015.D
Acq: 15 Dec 2020 16:35

Tgt Ion: 43 Resp: 1360

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	10.5	15.7#



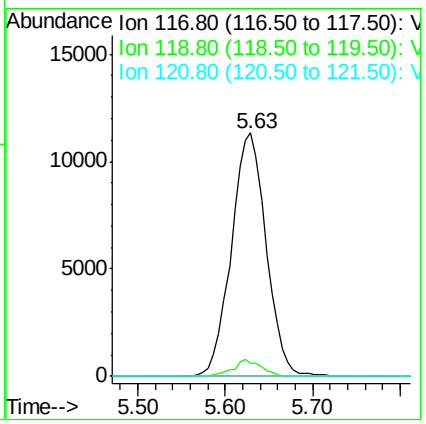


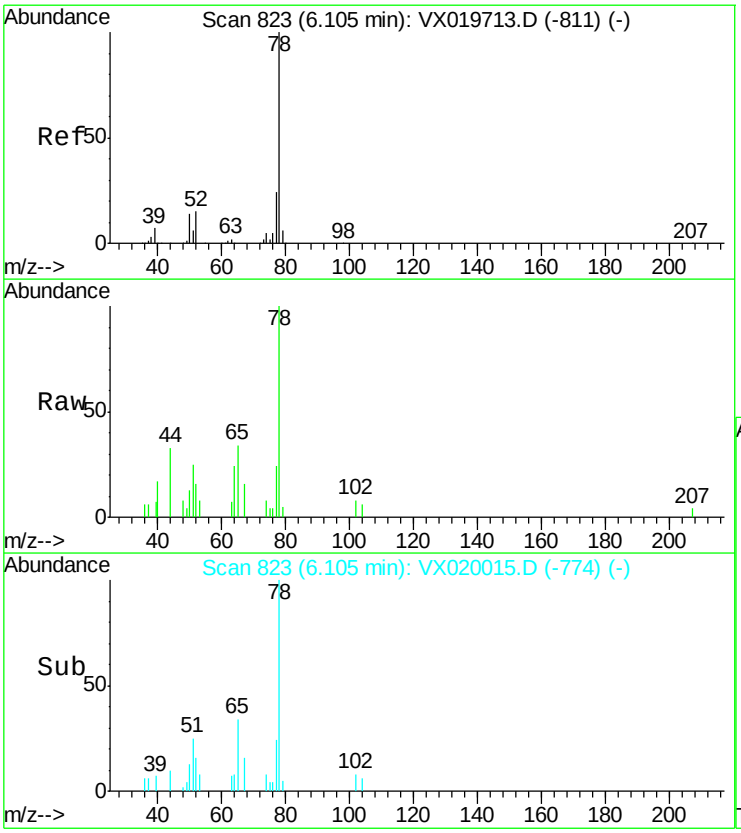
#38
Carbon Tetrachloride
Concen: 6.768 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX020015.D
Acq: 15 Dec 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5076-121020

Tgt Ion:117 Resp: 31267

Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.2	114.2#
121	0.0	24.8	37.2#

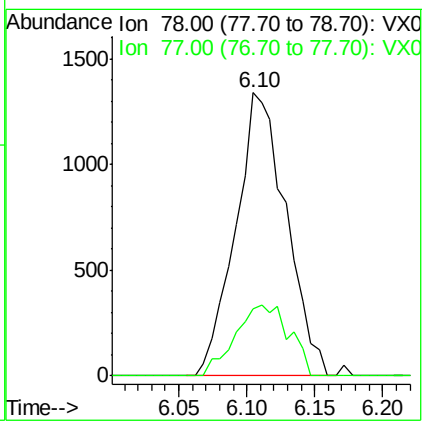


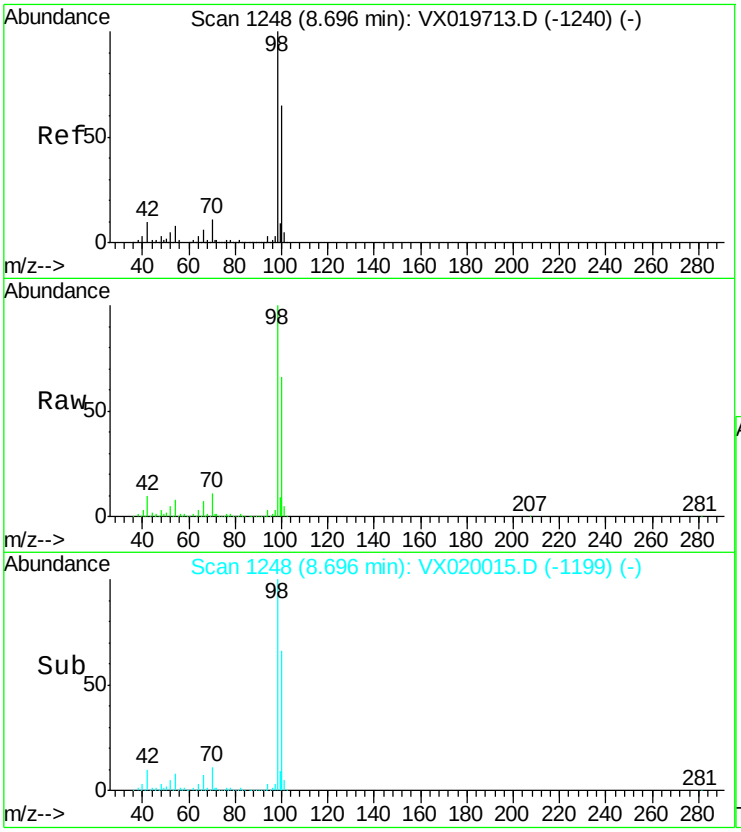


#40
Benzene
Concen: 0.241 ug/l
RT: 6.10 min Scan# 823
Delta R.T. 0.00 min
Lab File: VX020015.D
Acq: 15 Dec 2020 16:35

Tgt Ion: 78 Resp: 3468

Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.9	28.3



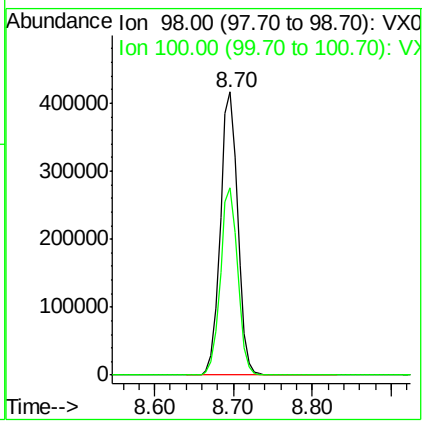


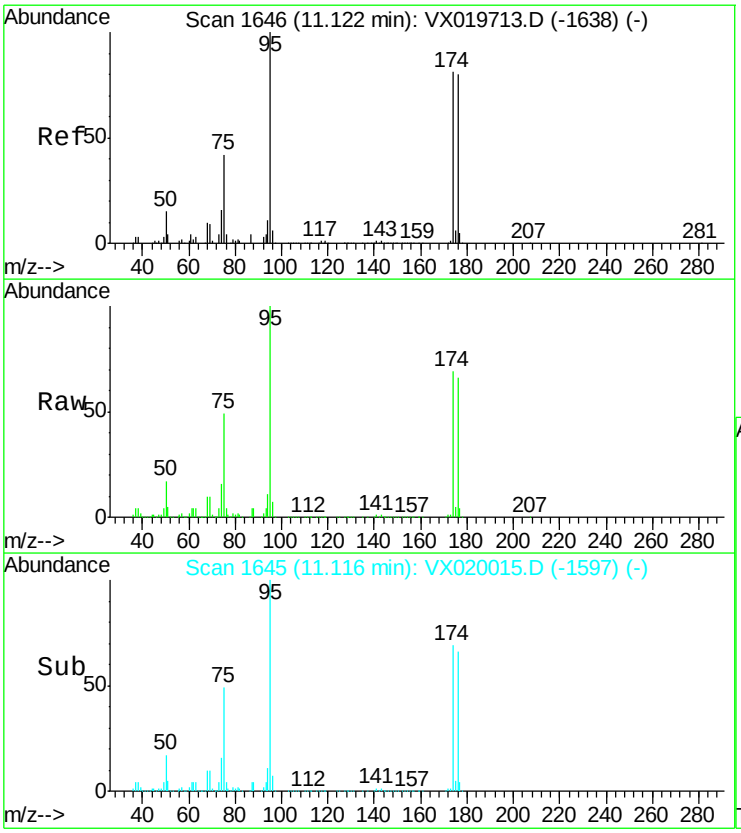
#50
Toluene-d8
Concen: 49.440 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX020015.D
Acq: 15 Dec 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5076-121020

Tgt Ion: 98 Resp: 636860

Ion	Ratio	Lower	Upper
98	100		
100	65.6	51.9	77.9

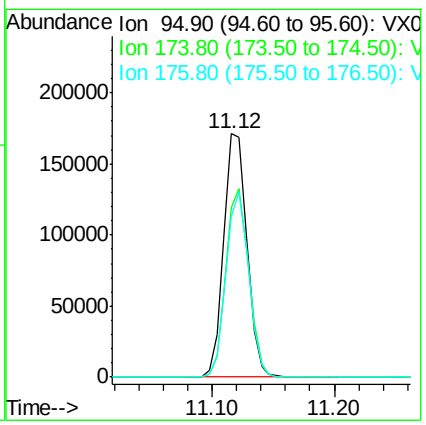


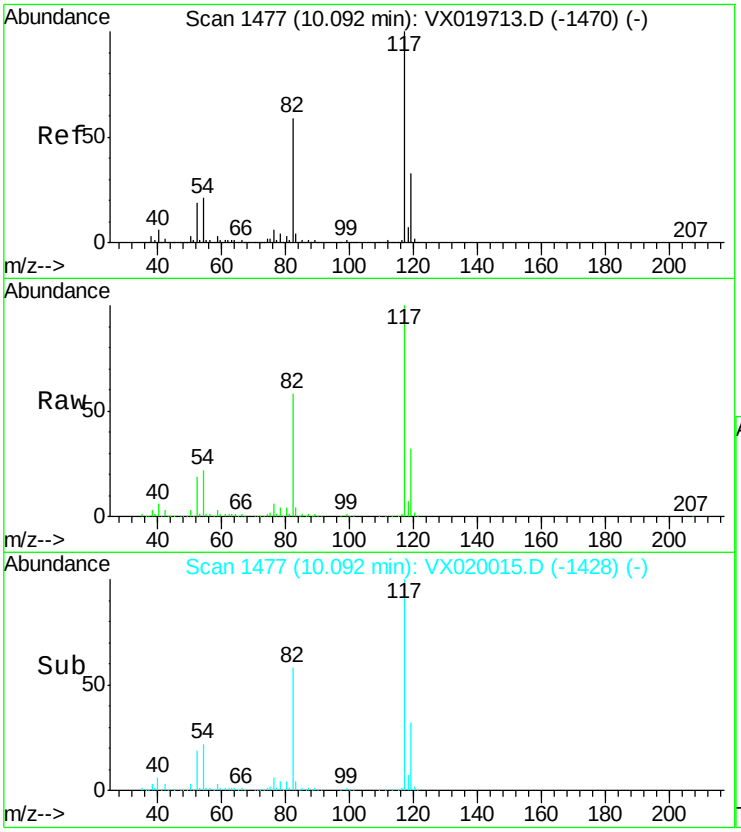


#62
4-Bromofluorobenzene
Concen: 45.841 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. -0.01 min
Lab File: VX020015.D
Acq: 15 Dec 2020 16:35

Tgt Ion: 95 Resp: 224754

Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	154.6
176	73.9	0.0	155.8



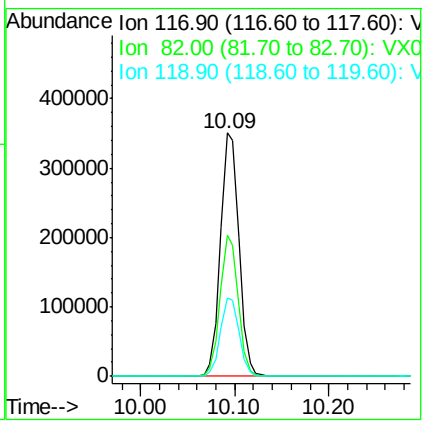


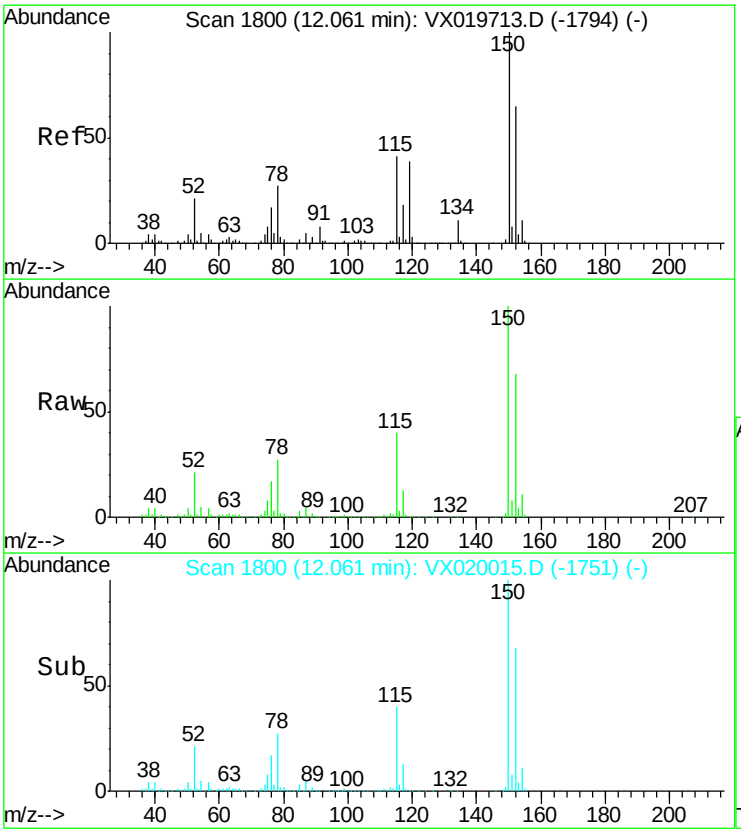
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX020015.D
Acq: 15 Dec 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5076-121020

Tgt Ion:117 Resp: 476760

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

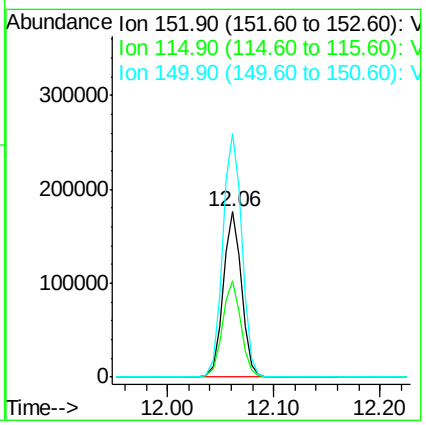


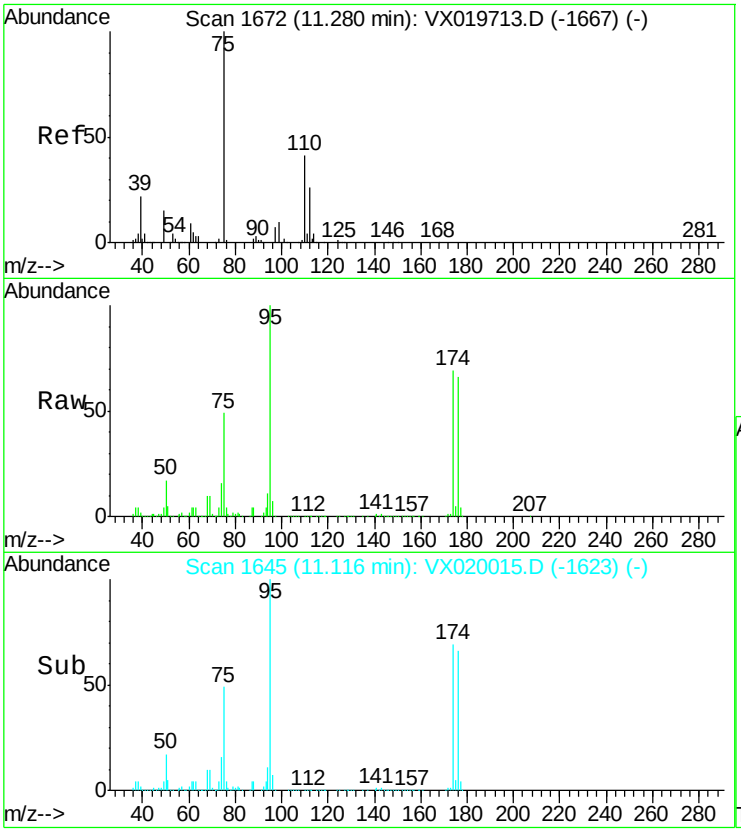


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX020015.D
Acq: 15 Dec 2020 16:35

Tgt Ion:152 Resp: 211080

Ion	Ratio	Lower	Upper
152	100		
115	58.7	41.1	123.3
150	154.4	0.0	349.0



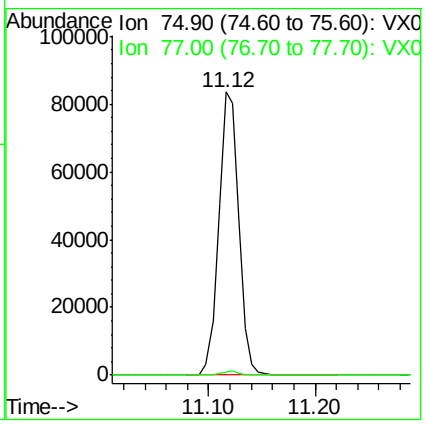


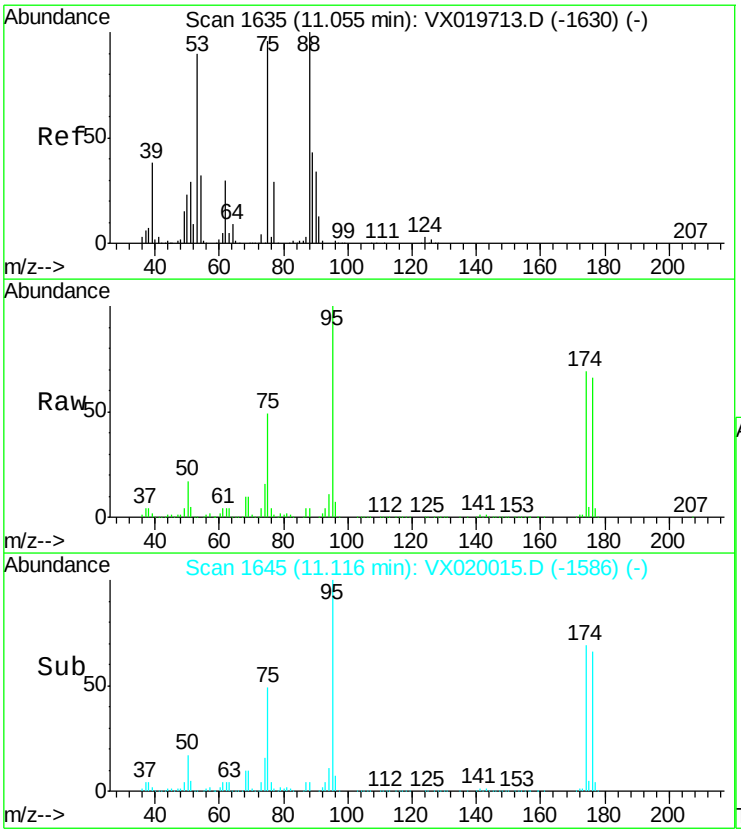
#76
1,2,3-Trichloropropane
Concen: 23.036 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. -0.16 min
Lab File: VX020015.D
Acq: 15 Dec 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5076-121020

Tgt Ion: 75 Resp: 109055

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 66.592 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. 0.06 min
Lab File: VX020015.D
Acq: 15 Dec 2020 16:35

Tgt Ion: 75 Resp: 109055

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