Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040920\

Quantitation Report (Not Reviewed)

Data File : VX015596.D
Acq On : 09 Apr 2020 15:01
Operator : JC/SP
Sample : L2190-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : M-16-200406

Quant Time: Apr 10 04:47:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1070343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1652558	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1578905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	878372	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	694255	45.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.98%			
35) Dibromofluoromethane	5.47	113	518249	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.12%			
50) Toluene-d8	8.70	98	1994496	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.56%			
62) 4-Bromofluorobenzene	11.12	95	863021	54.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.20%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	695	Below Cal	#	54
6) Chloroethane	1.74	64	2576	0.377	ug/l #	61
13) Acrolein	2.28	56	643	0.312	ug/l #	56
16) Acetone	2.42	43	119271	18.390	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	11201	0.863	ug/l	81
31) Cyclohexane	5.63	56	21797	1.141	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	77162	5.068	ug/l #	53
38) Carbon Tetrachloride	5.64	117	98903	5.997	ug/l #	14
44) Trichloroethene	7.20	130	15833	1.302	ug/l	84
49) 1,4-Dioxane	7.73	88	462	1.481	ug/l #	52
60) Dibromochloromethane	9.32	129	43140	3.187	ug/l #	12
64) Tetrachloroethene	9.32	164	49369	4.143	ug/l	94
76) 1,2,3-Trichloropropane	11.12	75	445694	24.674	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	445694	59.205	ug/l #	10

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

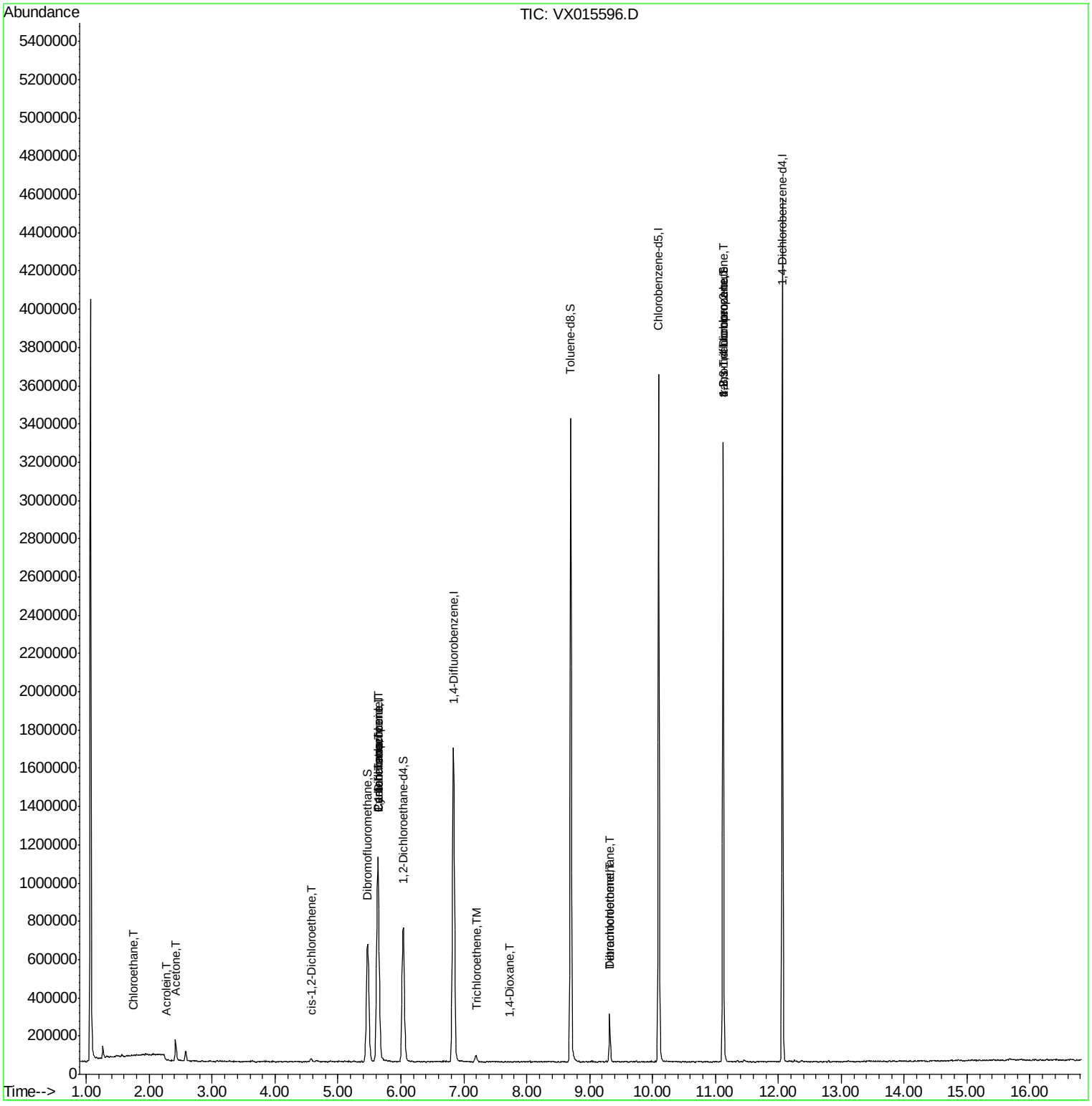
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040920\

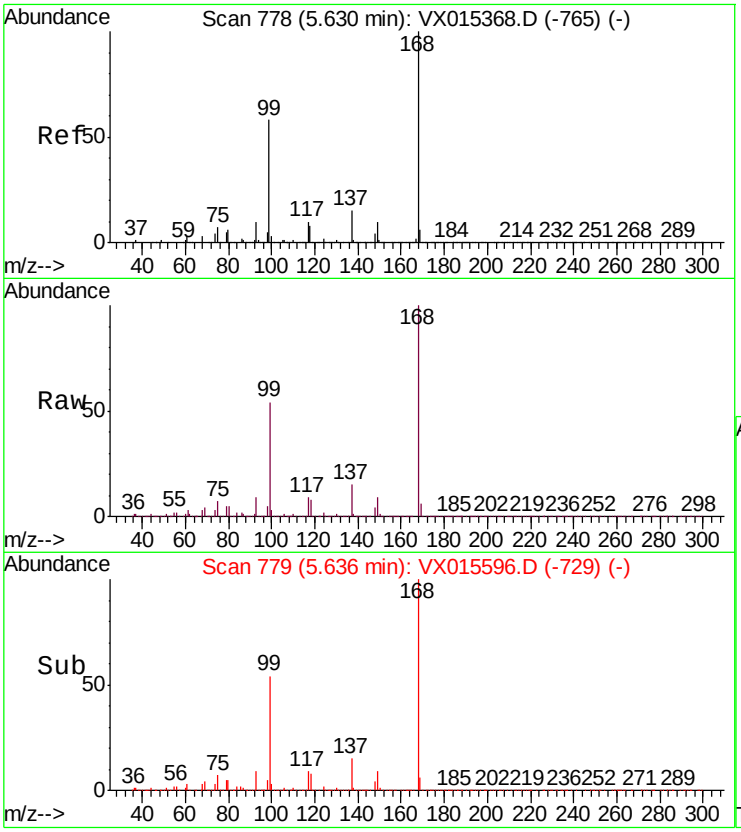
Quantitation Report (Not Reviewed)

Data File : VX015596.D
Acq On : 09 Apr 2020 15:01
Operator : JC/SP
Sample : L2190-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
M-16-200406

Quant Time: Apr 10 04:47:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration



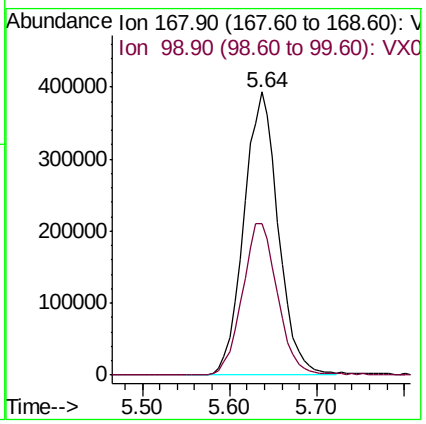


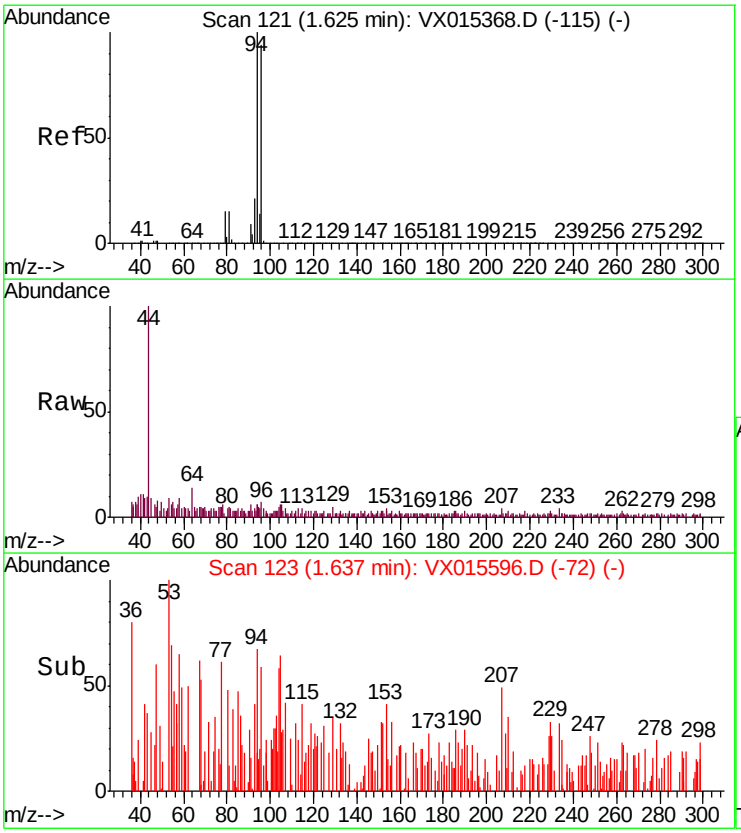
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 779
Delta R.T. 0.01 min
Lab File: VX015596.D
Acq: 09 Apr 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :
M-16-200406

Tgt Ion:168 Resp: 1070343

Ion	Ratio	Lower	Upper
168	100		
99	53.5	46.4	69.6

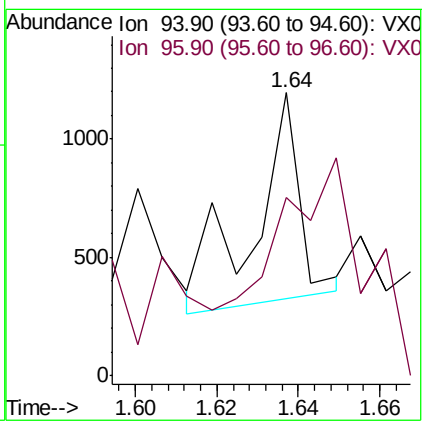


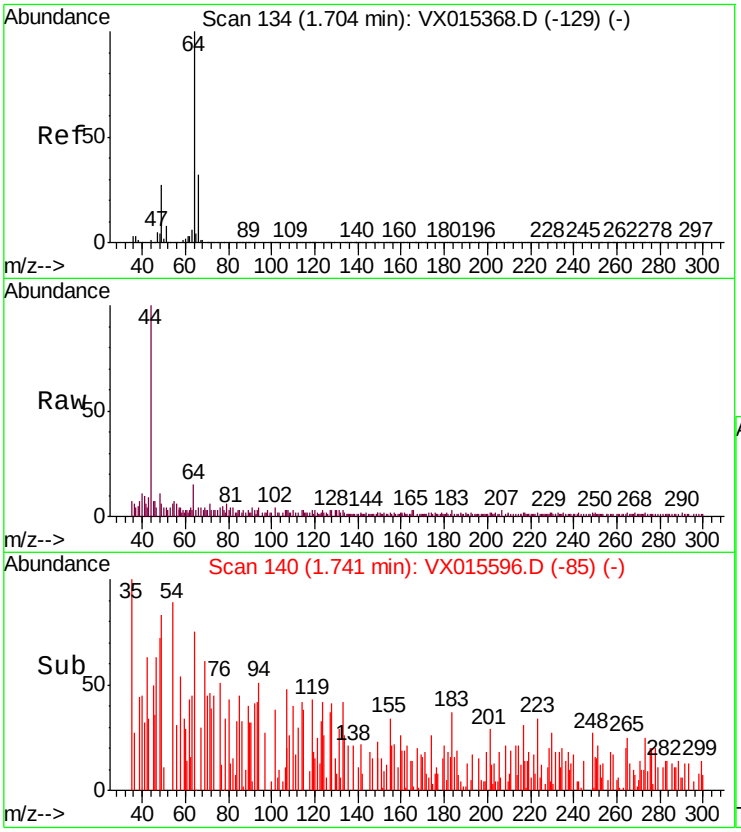


#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 123
Delta R.T. 0.01 min
Lab File: VX015596.D
Acq: 09 Apr 2020 15:01

Tgt Ion: 94 Resp: 695

Ion	Ratio	Lower	Upper
94	100		
96	49.7	74.8	112.2#



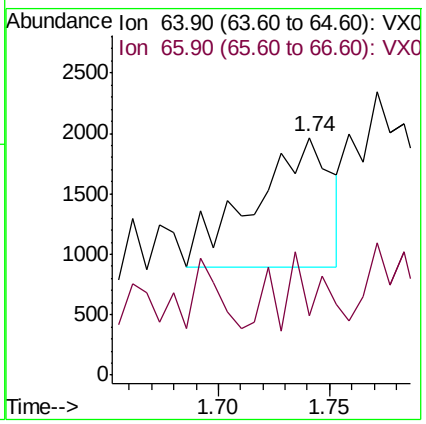


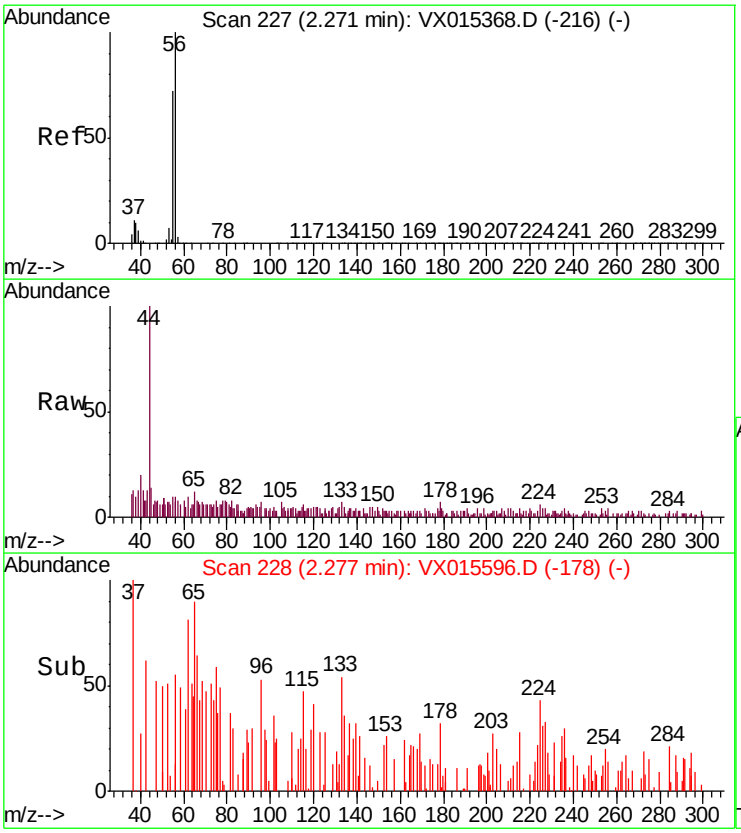
#6
Chloroethane
Concen: 0.377 ug/l
RT: 1.74 min Scan# 140
Delta R.T. 0.04 min
Lab File: VX015596.D
Acq: 09 Apr 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :
M-16-200406

Tgt Ion: 64 Resp: 2576

Ion	Ratio	Lower	Upper
64	100		
66	10.0	25.4	38.2#

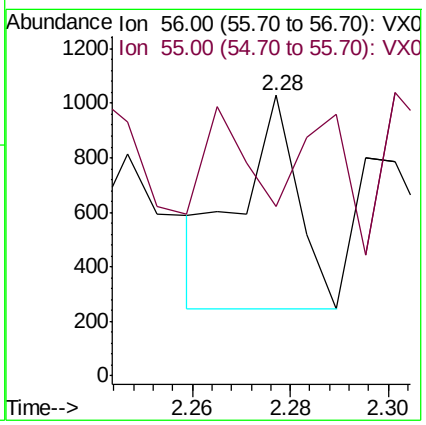


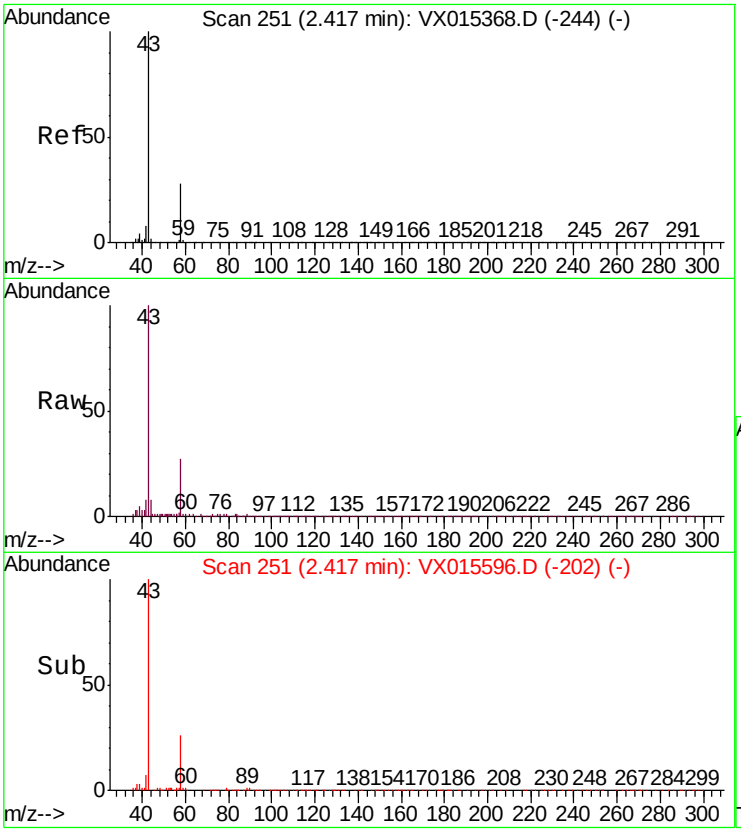


#13
Acrolein
Concen: 0.312 ug/l
RT: 2.28 min Scan# 228
Delta R.T. 0.01 min
Lab File: VX015596.D
Acq: 09 Apr 2020 15:01

Tgt Ion: 56 Resp: 643

Ion	Ratio	Lower	Upper
56	100		
55	34.5	57.0	85.4#



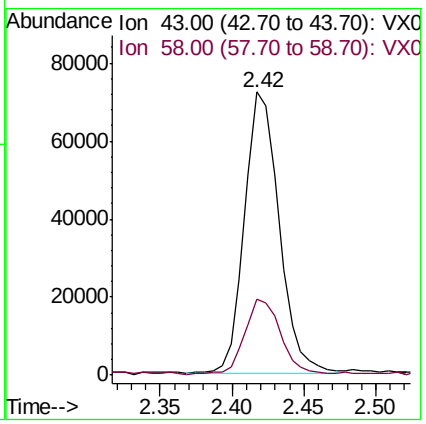


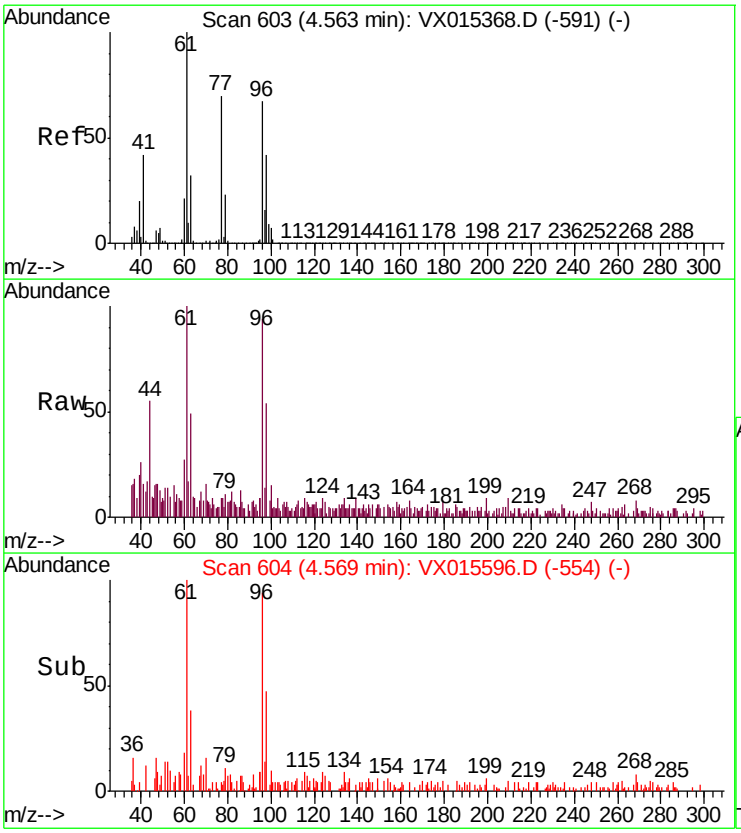
#16
Acetone
Concen: 18.390 ug/l
RT: 2.42 min Scan# 251
Delta R.T. 0.00 min
Lab File: VX015596.D
Acq: 09 Apr 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :
M-16-200406

Tgt Ion: 43 Resp: 119271

Ion	Ratio	Lower	Upper
43	100		
58	26.9	22.1	33.1

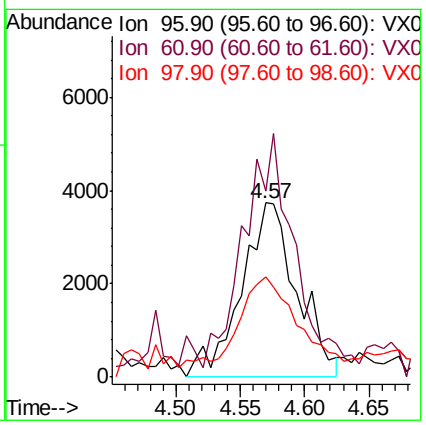


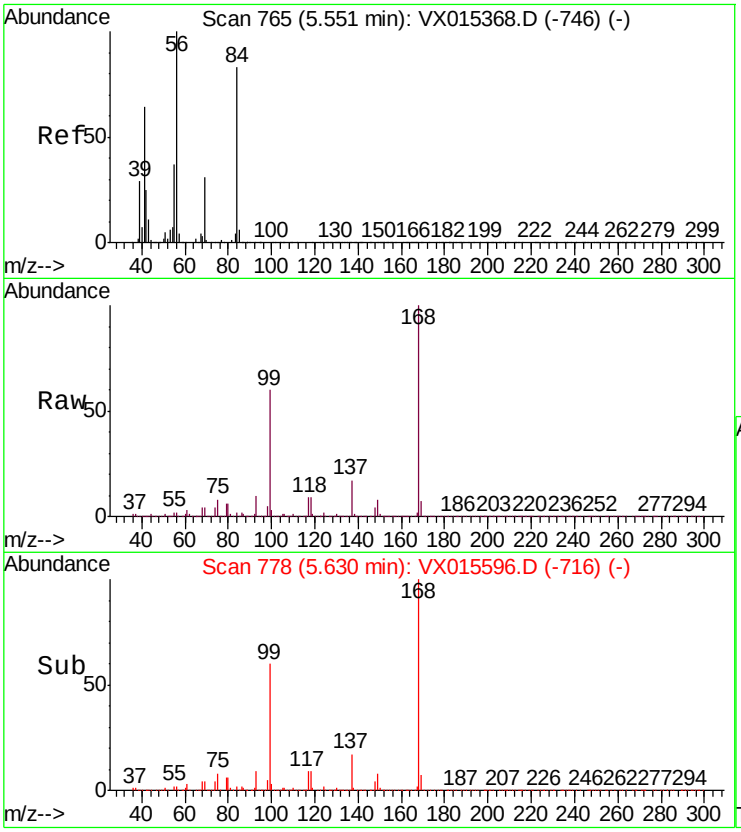


#27
cis-1,2-Dichloroethene
Concen: 0.863 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015596.D
Acq: 09 Apr 2020 15:01

Tgt Ion: 96 Resp: 11201

Ion	Ratio	Lower	Upper
96	100		
61	126.9	0.0	308.4
98	54.7	0.0	129.2



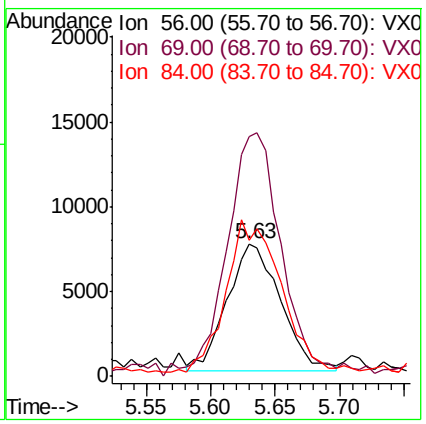


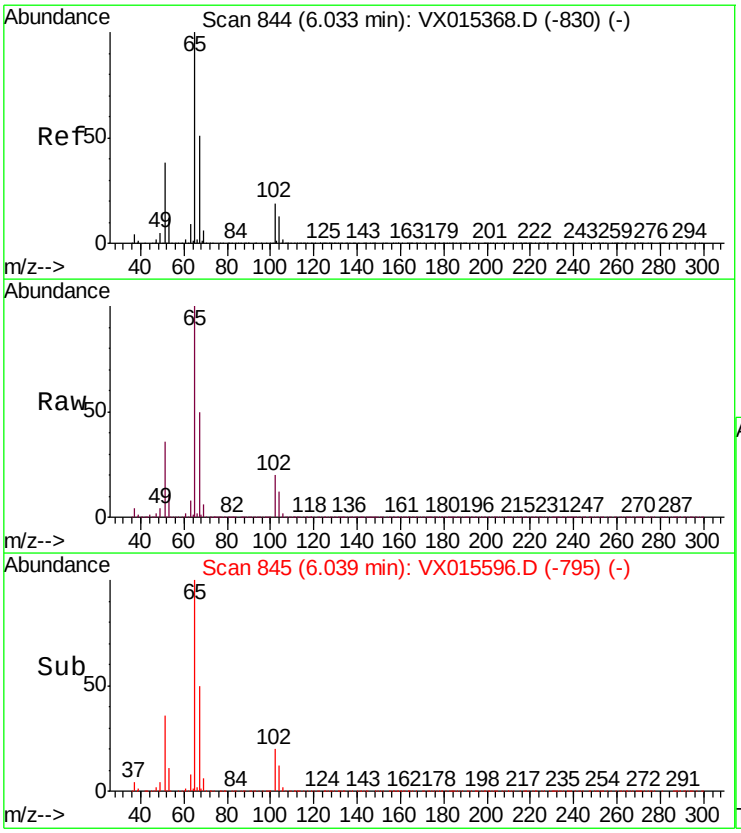
#31
Cyclohexane
Concen: 1.141 ug/l
RT: 5.63 min Scan# 778
Delta R.T. 0.08 min
Lab File: VX015596.D
Acq: 09 Apr 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :
M-16-200406

Tgt Ion: 56 Resp: 21797

Ion	Ratio	Lower	Upper
56	100		
69	189.8	24.6	36.8#
84	107.7	66.1	99.1#

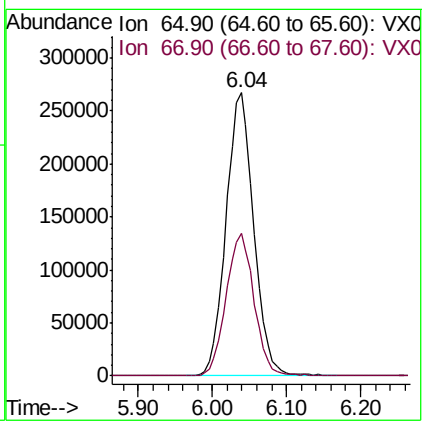


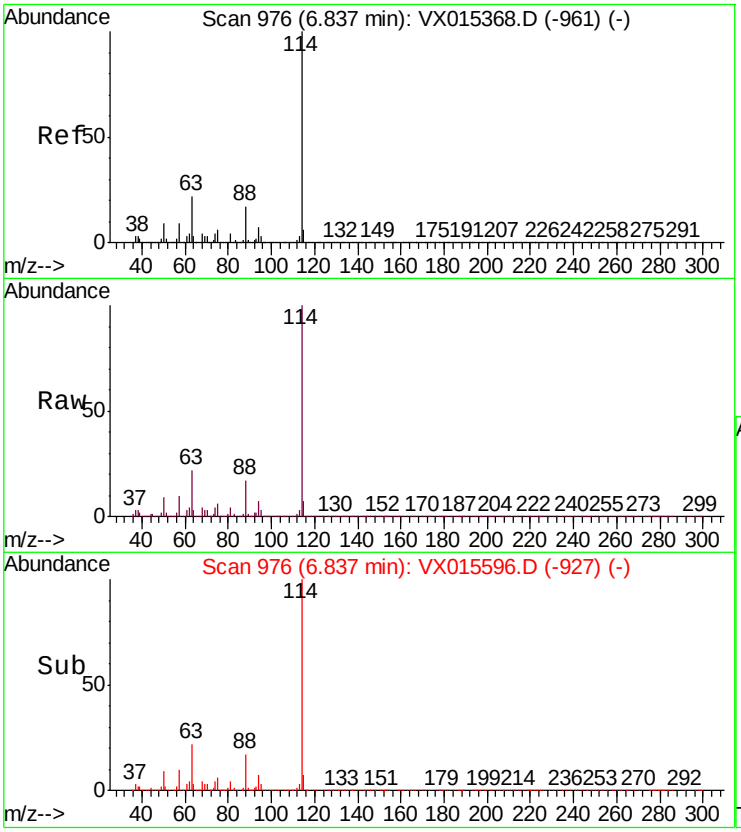


#33
1,2-Dichloroethane-d4
Concen: 45.989 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.01 min
Lab File: VX015596.D
Acq: 09 Apr 2020 15:01

Tgt Ion: 65 Resp: 694255

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	102.6



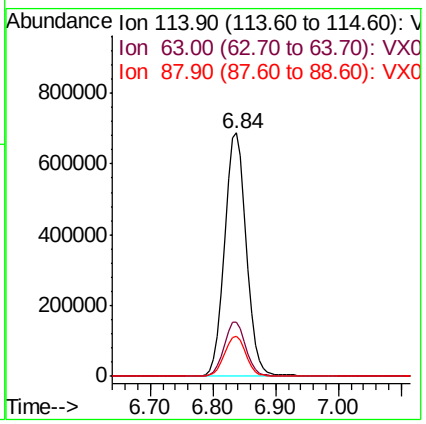


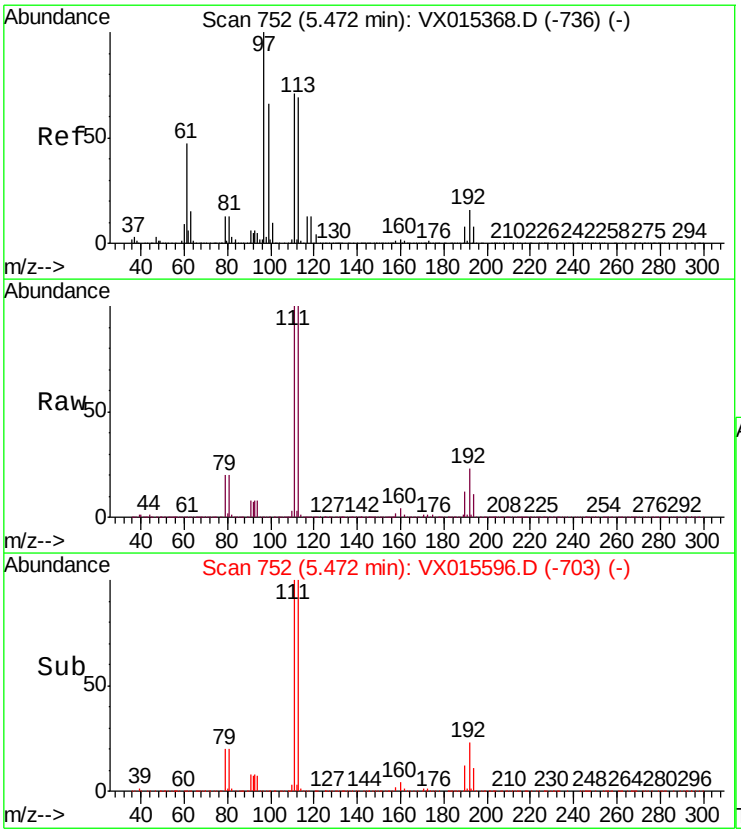
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 976
Delta R.T. 0.00 min
Lab File: VX015596.D
Acq: 09 Apr 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :
M-16-200406

Tgt Ion:114 Resp: 1652558

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	44.2
88	16.6	0.0	33.8

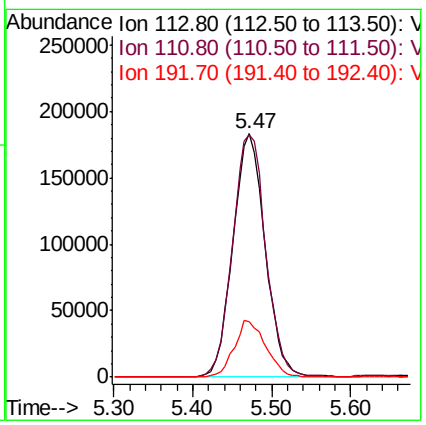


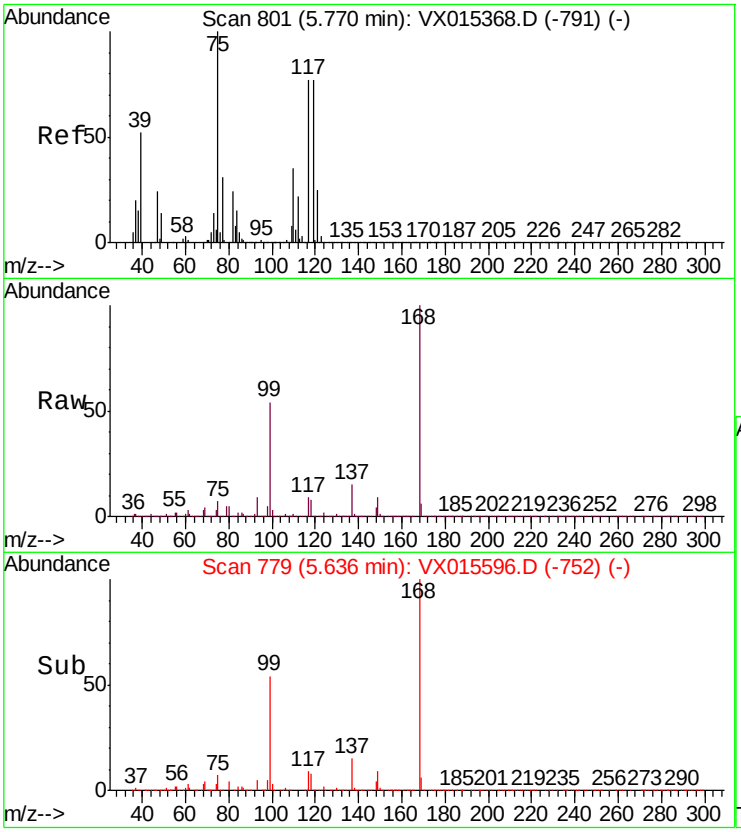


#35
Dibromofluoromethane
Concen: 49.060 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX015596.D
Acq: 09 Apr 2020 15:01

Tgt Ion:113 Resp: 518249

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.5	122.3
192	22.6	17.8	26.6



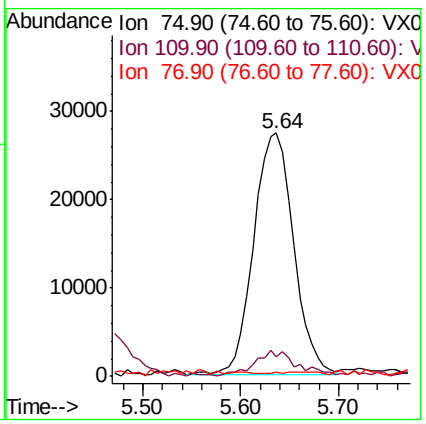


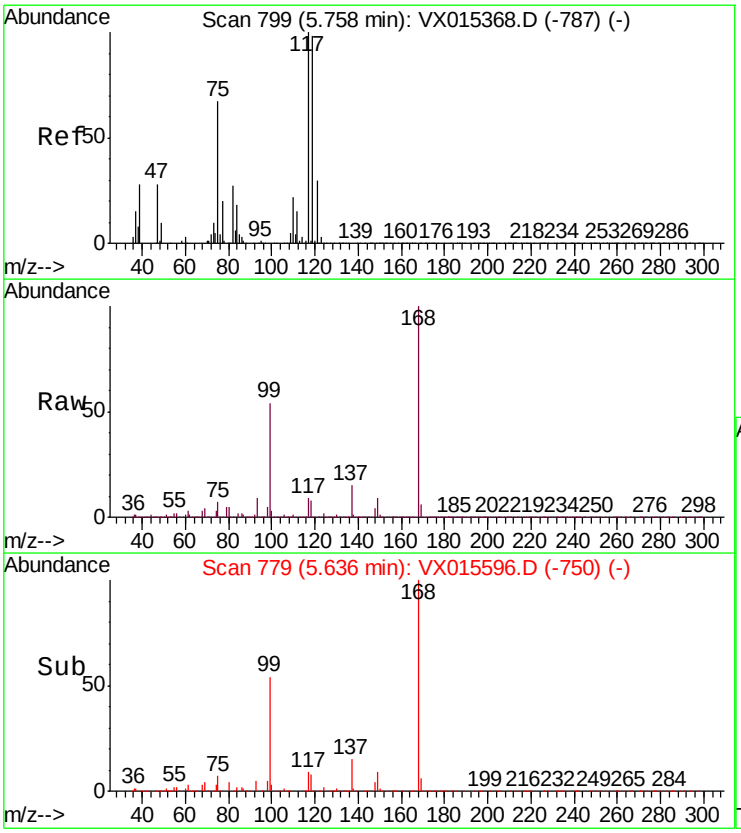
#36
1,1-Dichloropropene
Concen: 5.068 ug/l
RT: 5.64 min Scan# 779
Delta R.T. -0.13 min
Lab File: VX015596.D
Acq: 09 Apr 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :
M-16-200406

Tgt Ion: 75 Resp: 77162

Ion	Ratio	Lower	Upper
75	100		
110	11.5	17.1	51.3#
77	0.1	24.6	36.8#

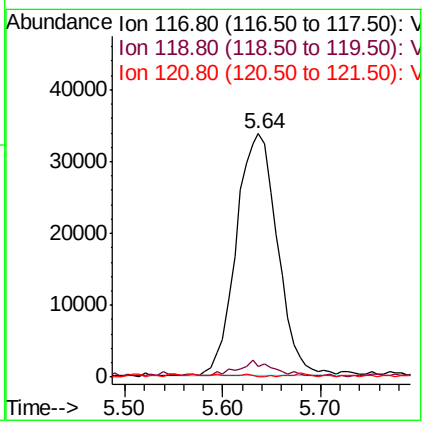


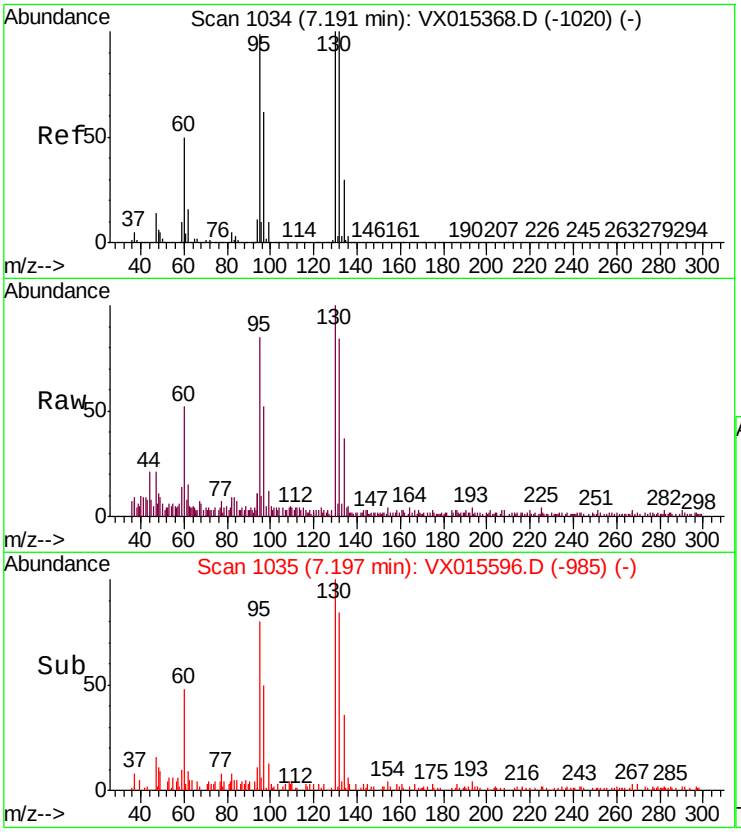


#38
Carbon Tetrachloride
Concen: 5.997 ug/l
RT: 5.64 min Scan# 779
Delta R.T. -0.12 min
Lab File: VX015596.D
Acq: 09 Apr 2020 15:01

Tgt Ion:117 Resp: 98903

Ion	Ratio	Lower	Upper
117	100		
119	3.6	78.0	117.0#
121	0.0	23.8	35.8#



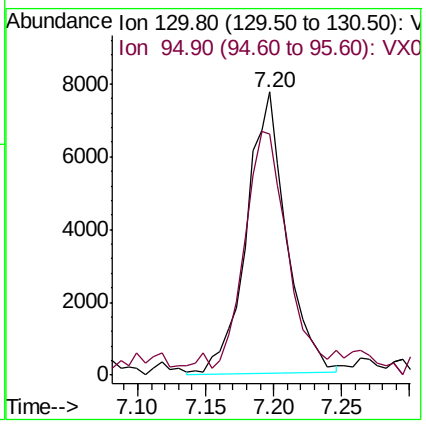


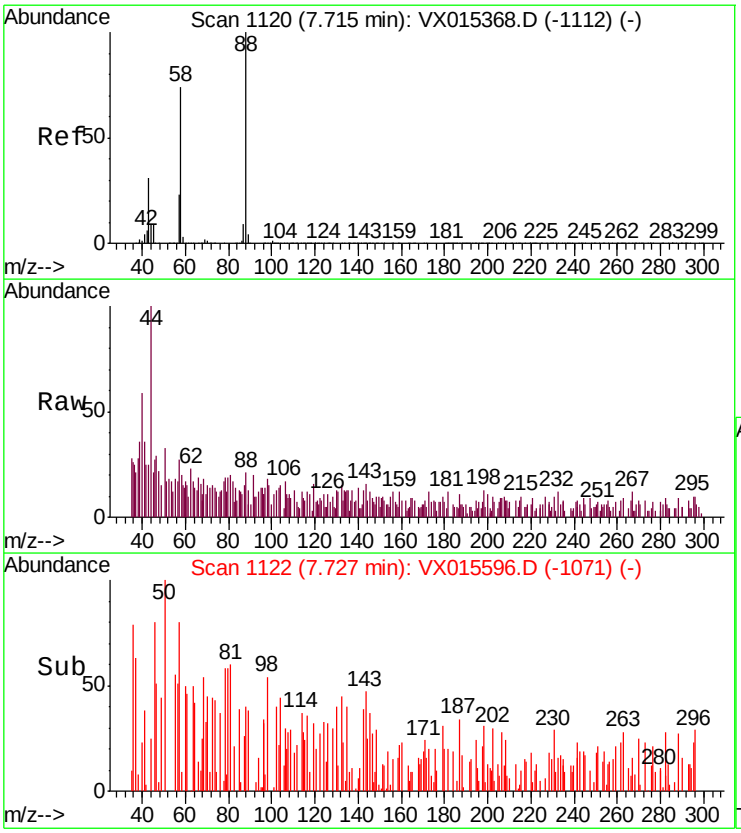
#44
Trichloroethene
Concen: 1.302 ug/l
RT: 7.20 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX015596.D
Acq: 09 Apr 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :
M-16-200406

Tgt Ion:130 Resp: 15833

Ion	Ratio	Lower	Upper
130	100		
95	83.6	0.0	199.0

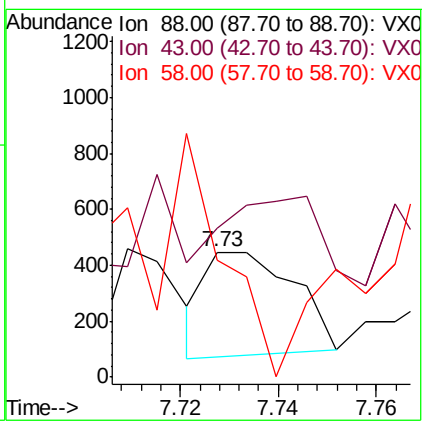


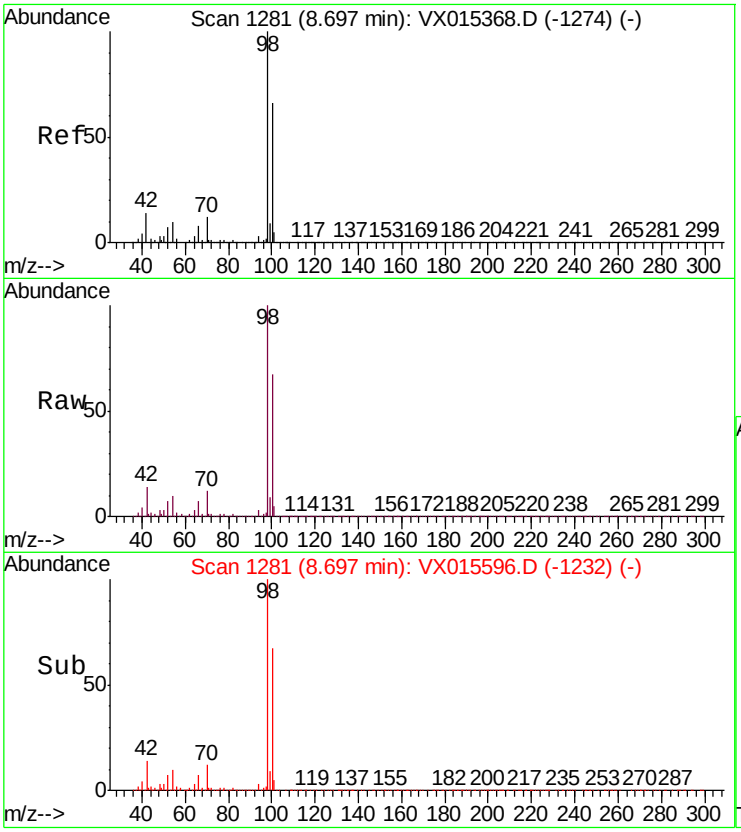


#49
1,4-Dioxane
Concen: 1.481 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.01 min
Lab File: VX015596.D
Acq: 09 Apr 2020 15:01

Tgt Ion: 88 Resp: 462

Ion	Ratio	Lower	Upper
88	100		
43	27.3	30.1	45.1#
58	130.3	60.6	90.8#



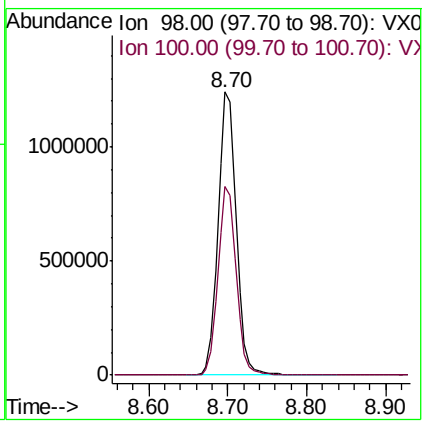


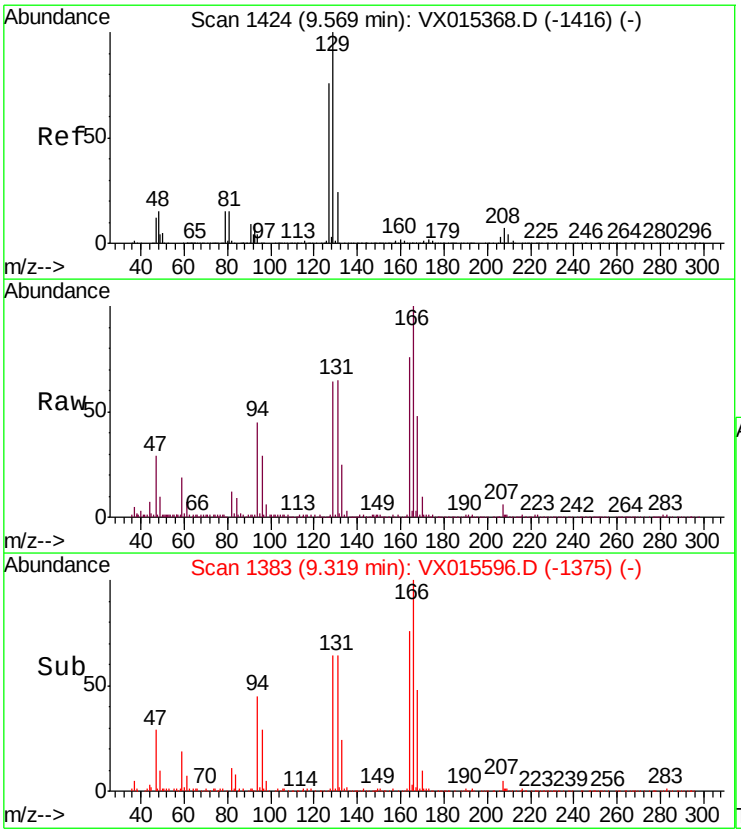
#50
Toluene-d8
Concen: 51.282 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015596.D
Acq: 09 Apr 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :
M-16-200406

Tgt Ion: 98 Resp: 1994496

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.5	80.3

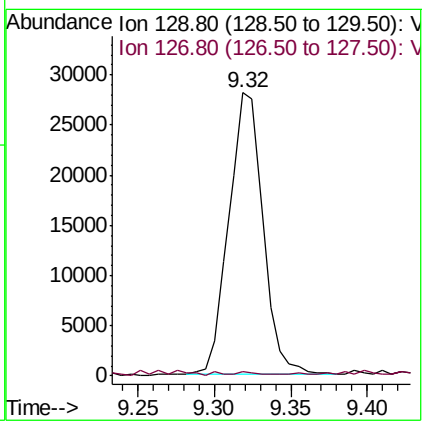


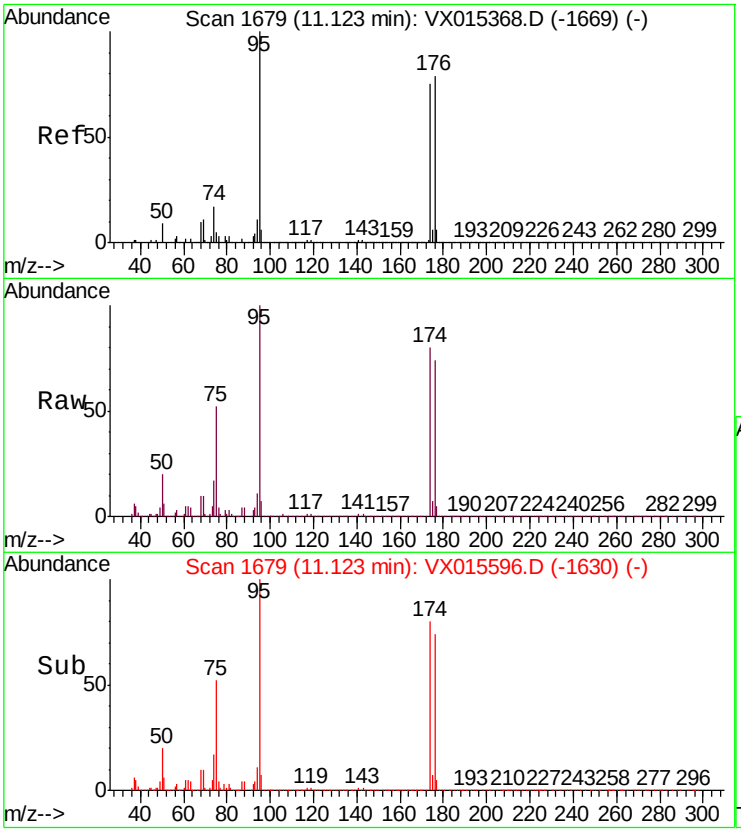


#60
Dibromochloromethane
Concen: 3.187 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.25 min
Lab File: VX015596.D
Acq: 09 Apr 2020 15:01

Tgt Ion:129 Resp: 43140

Ion	Ratio	Lower	Upper
129	100		
127	0.7	38.2	114.6#



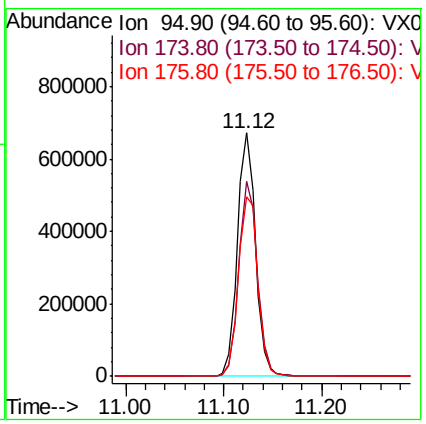


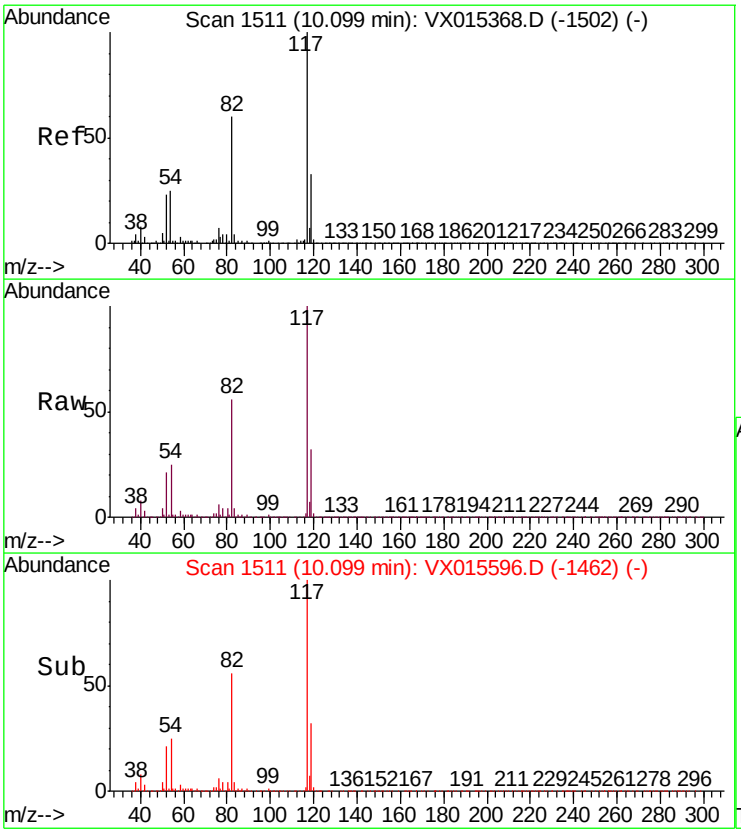
#62
4-Bromofluorobenzene
Concen: 54.601 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015596.D
Acq: 09 Apr 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :
M-16-200406

Tgt Ion: 95 Resp: 863021

Ion	Ratio	Lower	Upper
95	100		
174	82.0	0.0	158.6
176	79.1	0.0	159.0

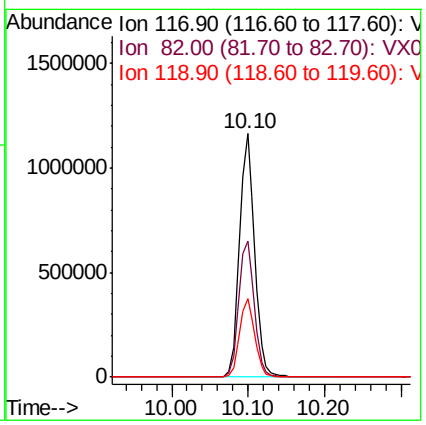


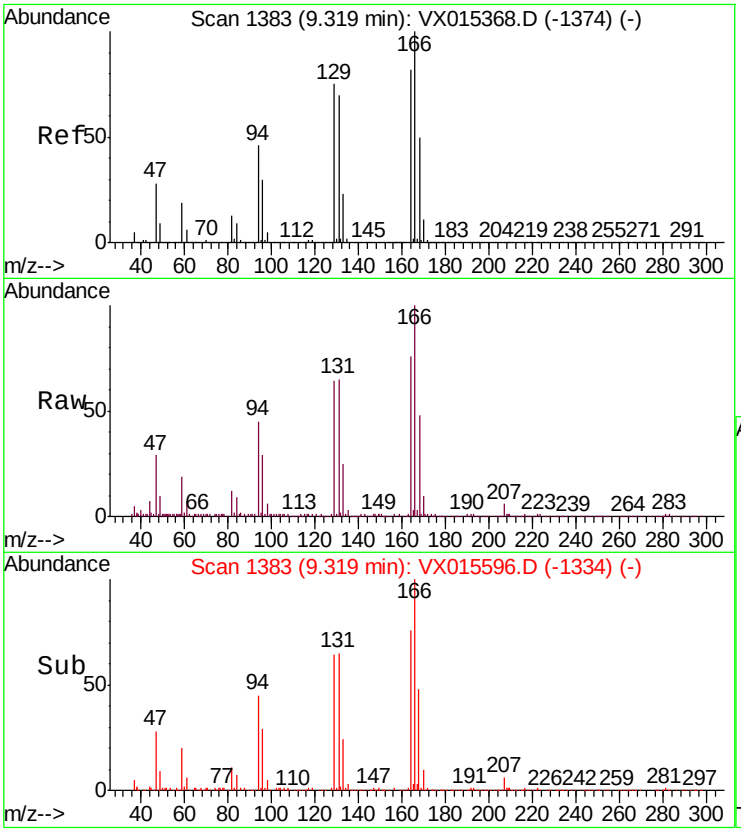


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015596.D
Acq: 09 Apr 2020 15:01

Tgt Ion:117 Resp: 1578905

Ion	Ratio	Lower	Upper
117	100		
82	55.7	47.8	71.8
119	32.1	26.8	40.2



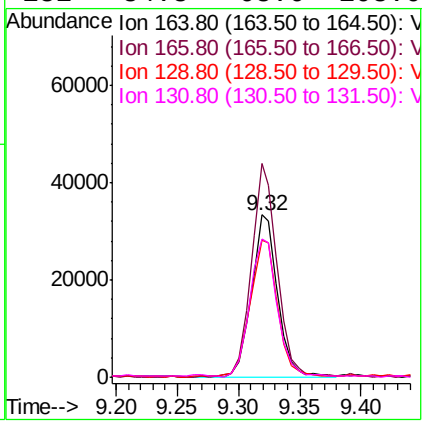


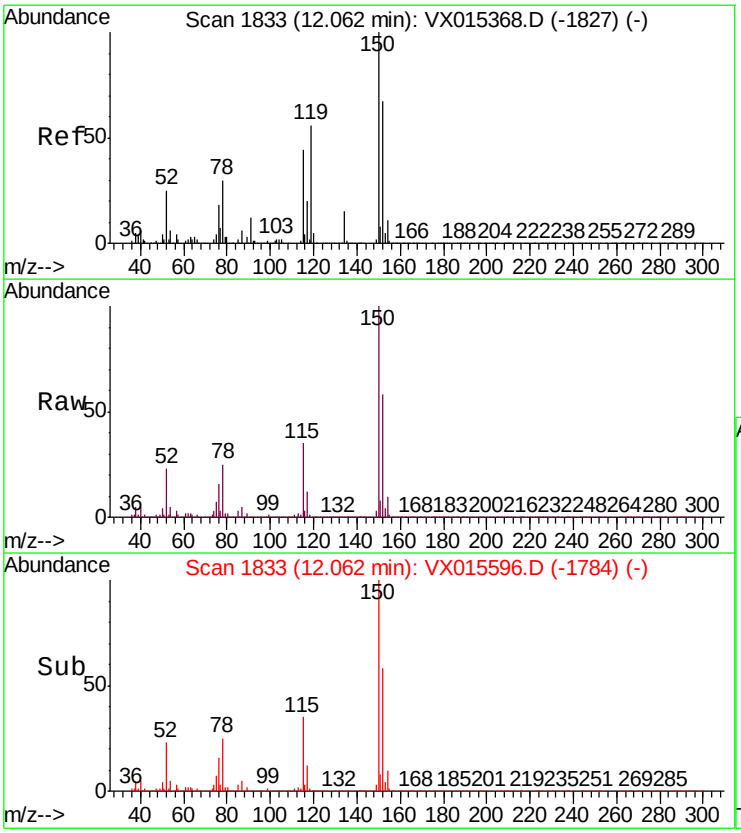
#64
Tetrachloroethene
Concen: 4.143 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015596.D
Acq: 09 Apr 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :
M-16-200406

Tgt Ion:164 Resp: 49369

Ion	Ratio	Lower	Upper
164	100		
166	131.6	97.8	146.6
129	84.3	73.0	109.4
131	84.8	68.6	103.0

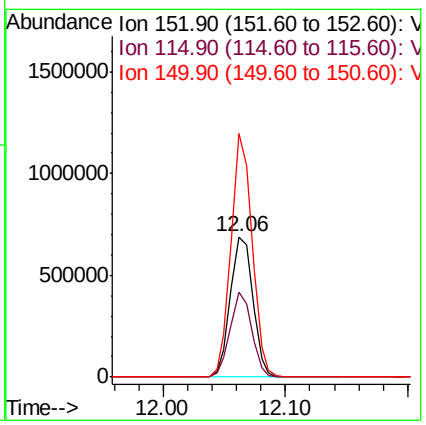


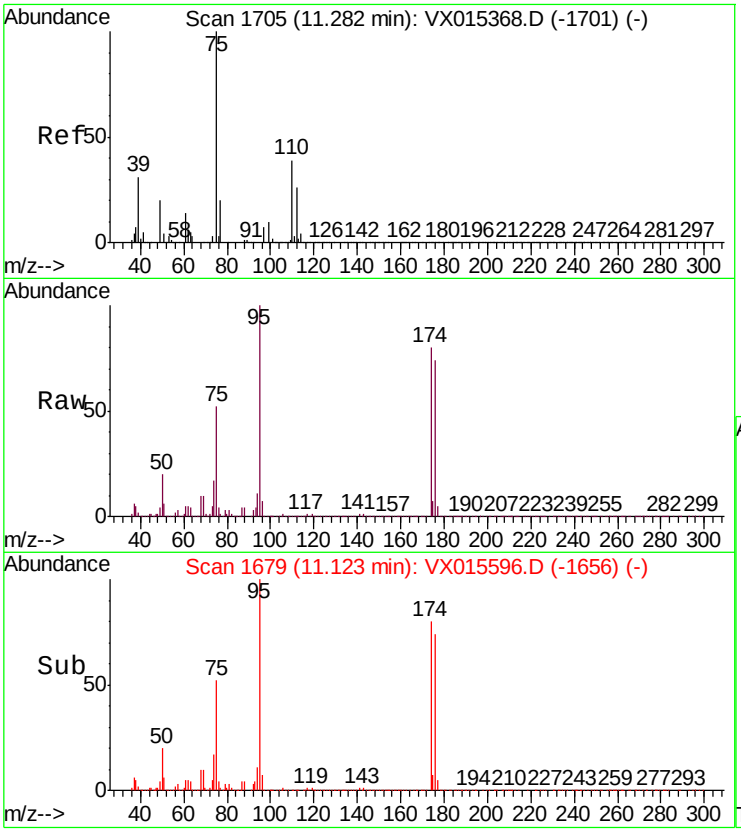


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015596.D
Acq: 09 Apr 2020 15:01

Tgt Ion:152 Resp: 878372

Ion	Ratio	Lower	Upper
152	100		
115	57.9	39.0	116.9
150	161.2	0.0	340.8



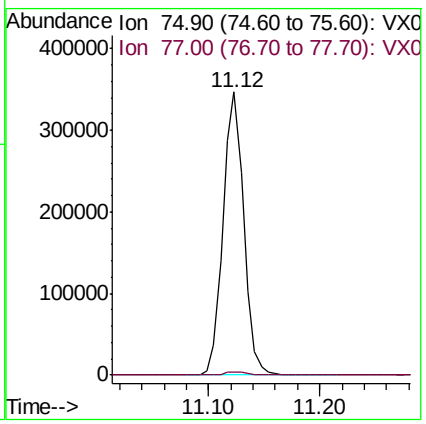


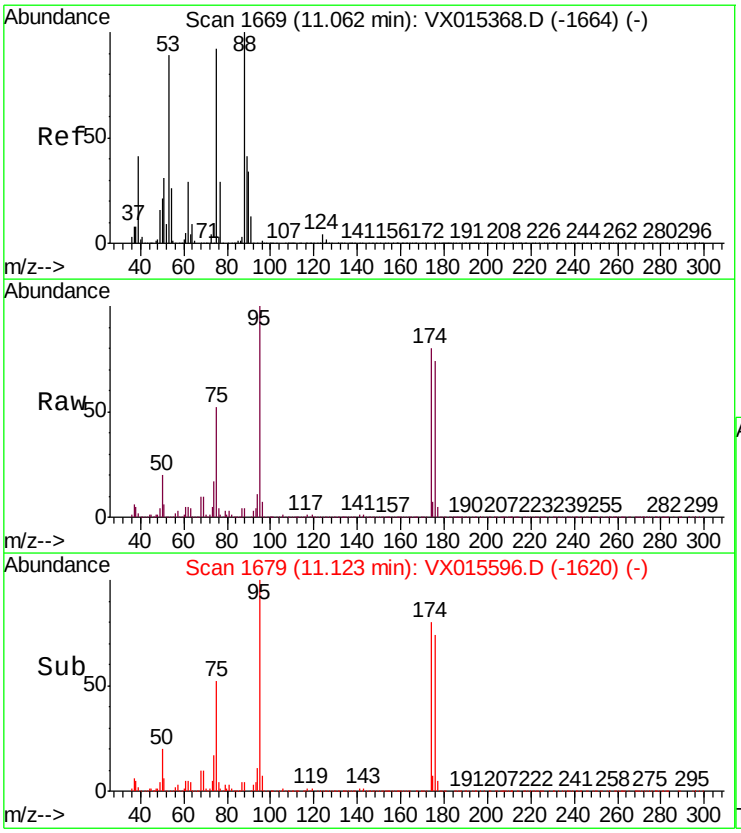
#76
1,2,3-Trichloropropane
Concen: 24.674 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.16 min
Lab File: VX015596.D
Acq: 09 Apr 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :
M-16-200406

Tgt Ion: 75 Resp: 445694

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.2	63.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 59.205 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.06 min
Lab File: VX015596.D
Acq: 09 Apr 2020 15:01

Tgt Ion: 75 Resp: 445694

Ion	Ratio	Lower	Upper
75	100		
53	0.2	80.1	120.1#
89	0.1	36.1	54.1#