Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062620\
Data File : VX016990.D
Acq On : 26 Jun 2020 17:46
Operator : JC/SP
Sample : L3097-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 27 04:26:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 26 08:34:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	243021	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	432812	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	448459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	230870	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	183330	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.92%			
35) Dibromofluoromethane	5.47	113	144005	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.76%			
50) Toluene-d8	8.70	98	549680	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.92%			
62) 4-Bromofluorobenzene	11.12	95	228556	56.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.82%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	52214	22.544	ug/l	98
3) Chloromethane	1.32	50	621	0.209	ug/l #	82
4) Vinyl Chloride	1.39	62	447045	146.598	ug/l	97
5) Bromomethane	1.64	94	433	Below Cal	#	30
9) 1,1,2-Trichlorotrifluoroet	2.37	101	3663	1.376	ug/l	94
10) Methyl Iodide	2.50	142	20	2.789	ug/l #	38
11) Tert butyl alcohol	3.14	59	8016	11.570	ug/l #	73
12) 1,1-Dichloroethene	2.36	96	42004	15.593	ug/l	89
13) Acrolein	2.28	56	760	1.480	ug/l #	62
16) Acetone	2.42	43	1883	1.313	ug/l #	89
17) Carbon Disulfide	2.56	76	2303	0.270	ug/l	99
18) Methyl Acetate	2.75	43	799	0.229	ug/l #	75
21) trans-1,2-Dichloroethene	3.15	96	160877	52.860	ug/l	93
24) 1,1-Dichloroethane	3.67	63	1236	0.224	ug/l #	82
25) 2-Butanone	4.66	43	1341	0.613	ug/l #	78
27) cis-1,2-Dichloroethene	4.57	96	11659297	3466.803	ug/l	87
29) Tetrahydrofuran	5.10	42	10107	7.032	ug/l	92
36) 1,1-Dichloropropene	5.63	75	20505	4.785	ug/l #	50
38) Carbon Tetrachloride	5.64	117	26990	5.951	ug/l #	16
39) Methylcyclohexane	7.21	83	253454	54.653	ug/l #	1
44) Trichloroethene	7.21	130	18483502	5626.031	ug/l	99
49) 1,4-Dioxane	7.73	88	53	0.704	ug/l #	23
60) Dibromochloromethane	9.32	129	2482	0.697	ug/l #	11
64) Tetrachloroethene	9.32	164	2595	0.855	ug/l	86
76) 1,2,3-Trichloropropane	11.12	75	119300	24.623	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	119300	62.514	ug/l #	9

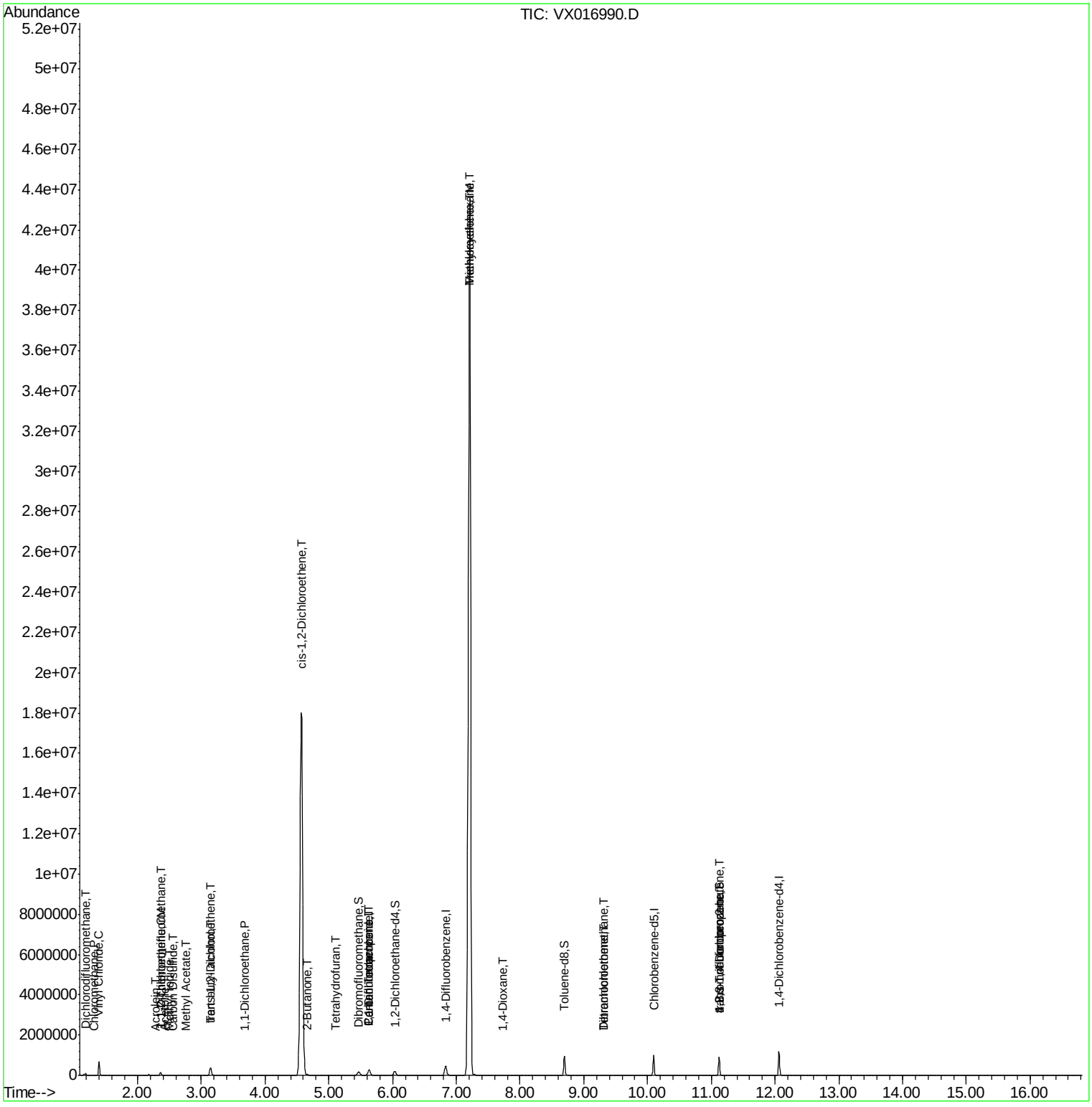
(#) = qualifier out of range (m) = manual integration (+) = signals summed

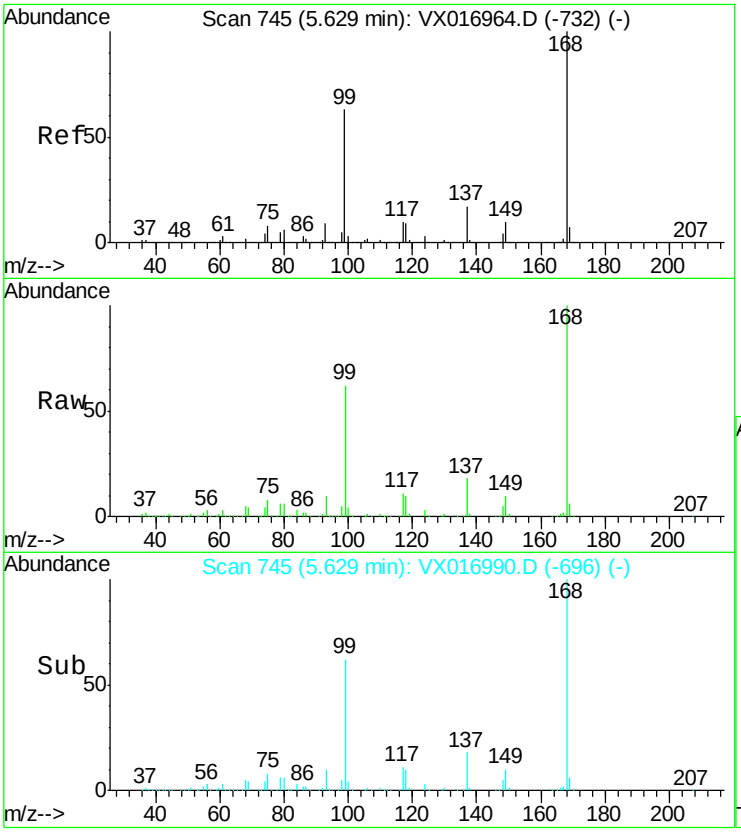
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
Data File : VX016990.D
Acq On : 26 Jun 2020 17:46
Operator : JC/SP
Sample : L3097-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 27 04:26:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 26 08:34:16 2020
Response via : Initial Calibration



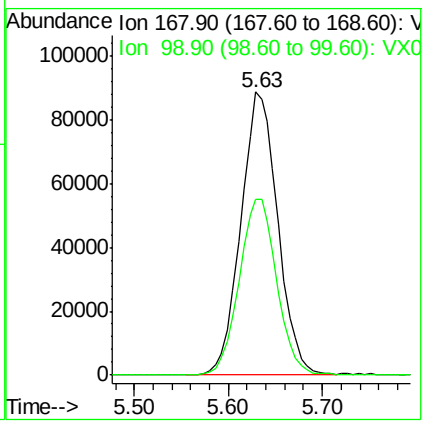


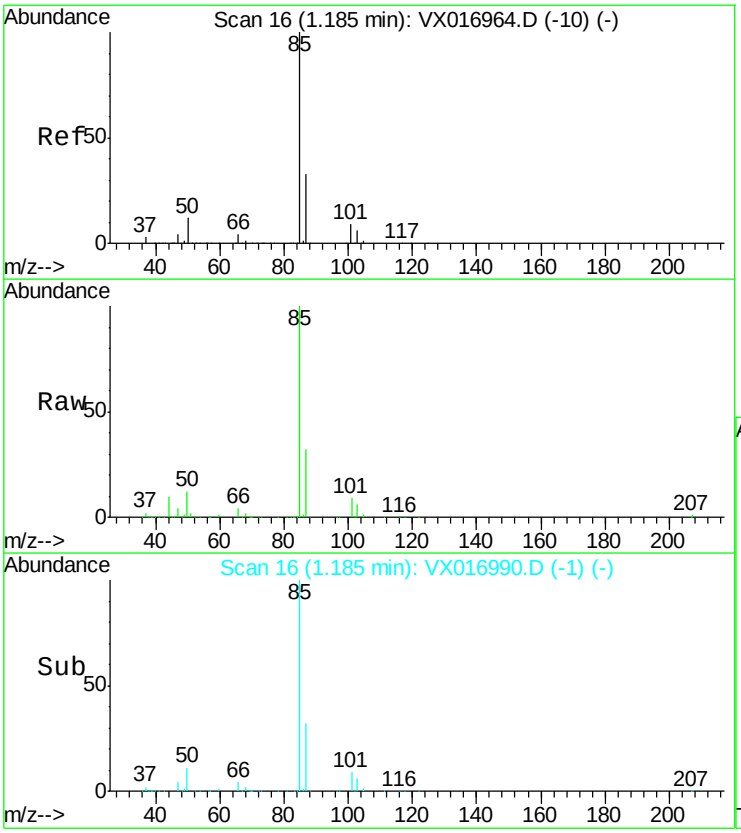
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.00 min
Lab File: VX016990.D
Acq: 26 Jun 2020 17:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 243021

Ion	Ratio	Lower	Upper
168	100		
99	62.0	50.2	75.2

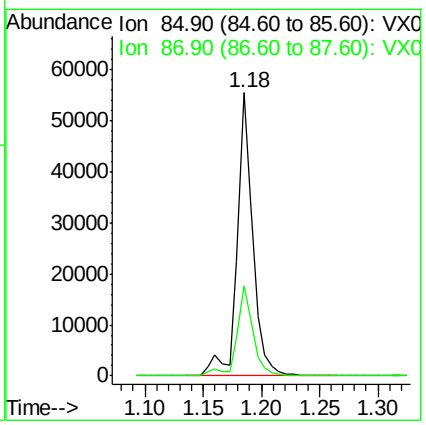


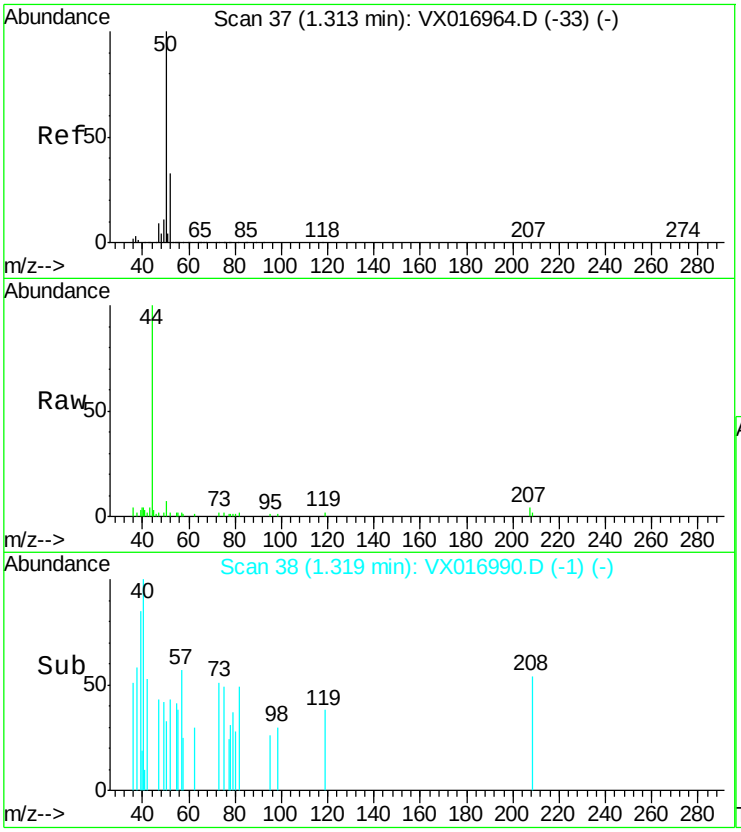


#2
Dichlorodifluoromethane
Concen: 22.544 ug/l
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX016990.D
Acq: 26 Jun 2020 17:46

Tgt Ion: 85 Resp: 52214

Ion	Ratio	Lower	Upper
85	100		
87	31.6	16.3	48.9



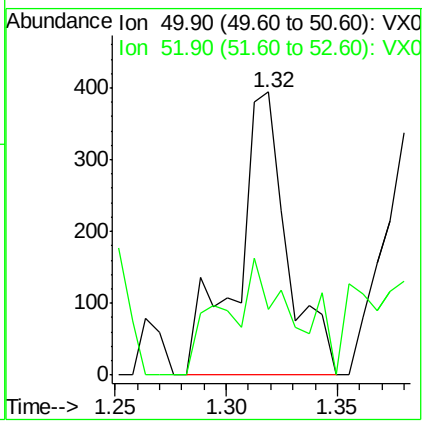


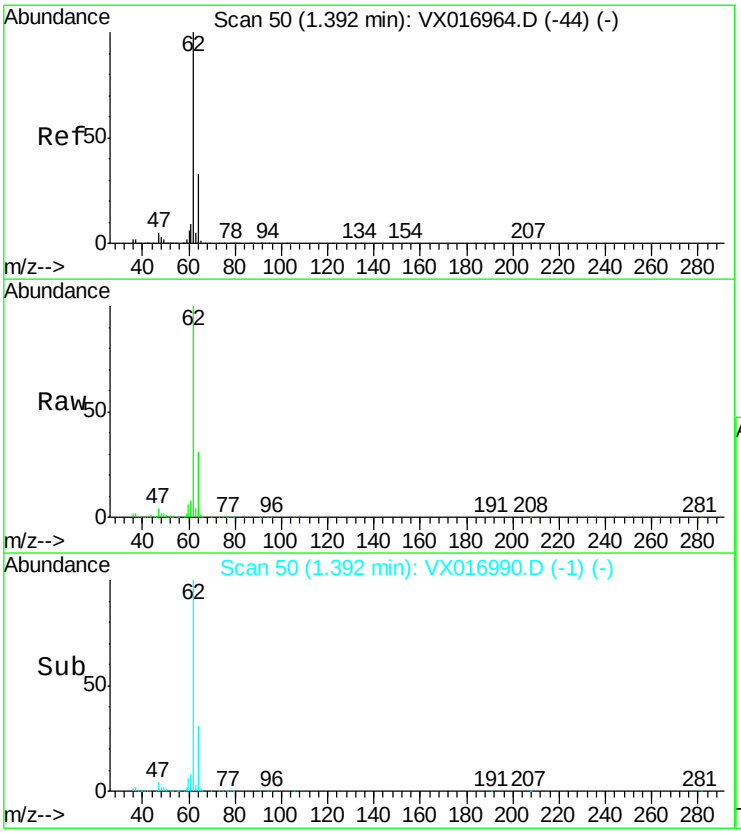
#3
Chloromethane
Concen: 0.209 ug/l
RT: 1.32 min Scan# 38
Delta R.T. 0.01 min
Lab File: VX016990.D
Acq: 26 Jun 2020 17:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 621

Ion	Ratio	Lower	Upper
50	100		
52	23.4	26.6	40.0#

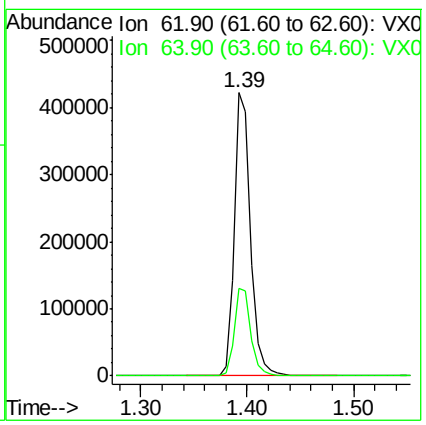


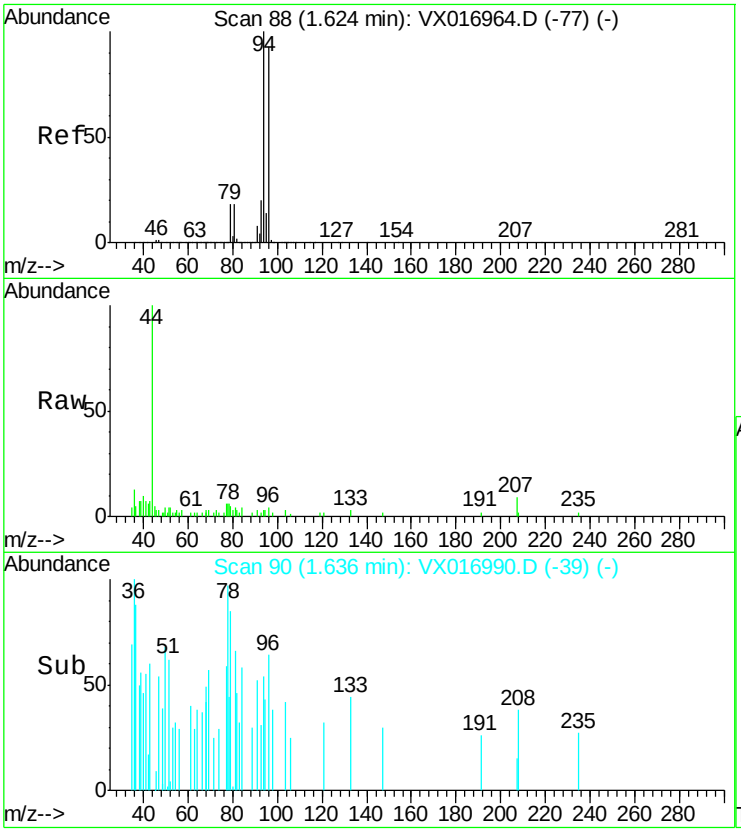


#4
Vinyl Chloride
Concen: 146.598 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX016990.D
Acq: 26 Jun 2020 17:46

Tgt Ion: 62 Resp: 447045

Ion	Ratio	Lower	Upper
62	100		
64	30.9	26.3	39.5



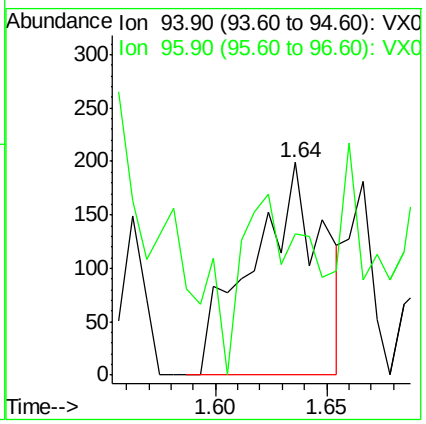


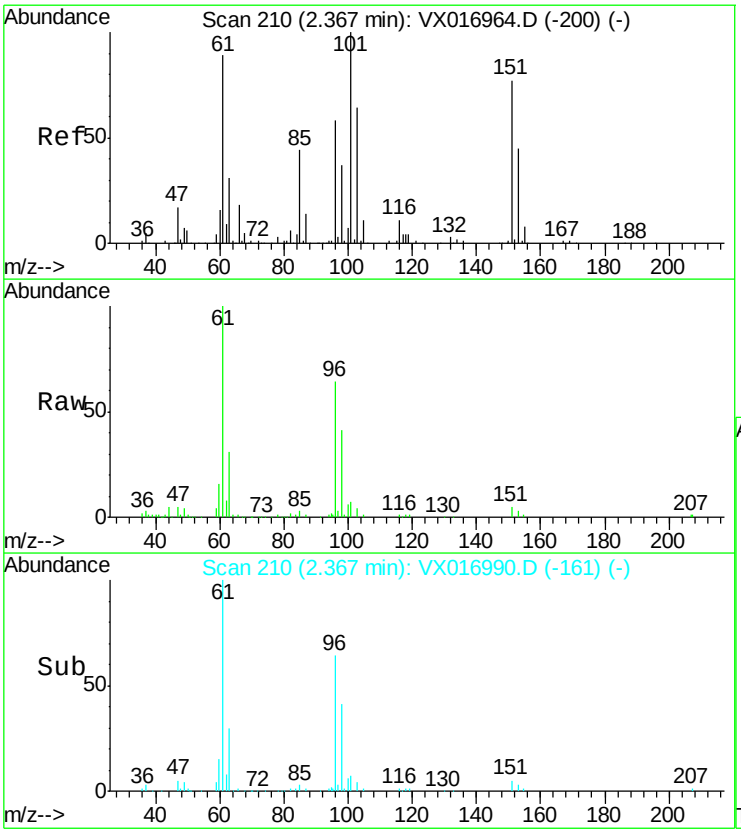
#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 90
Delta R.T. 0.01 min
Lab File: VX016990.D
Acq: 26 Jun 2020 17:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 433

Ion	Ratio	Lower	Upper
94	100		
96	25.6	74.2	111.2#

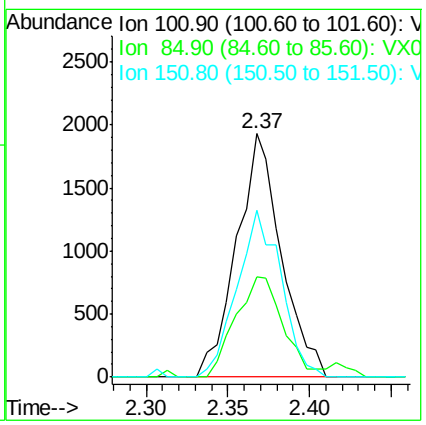


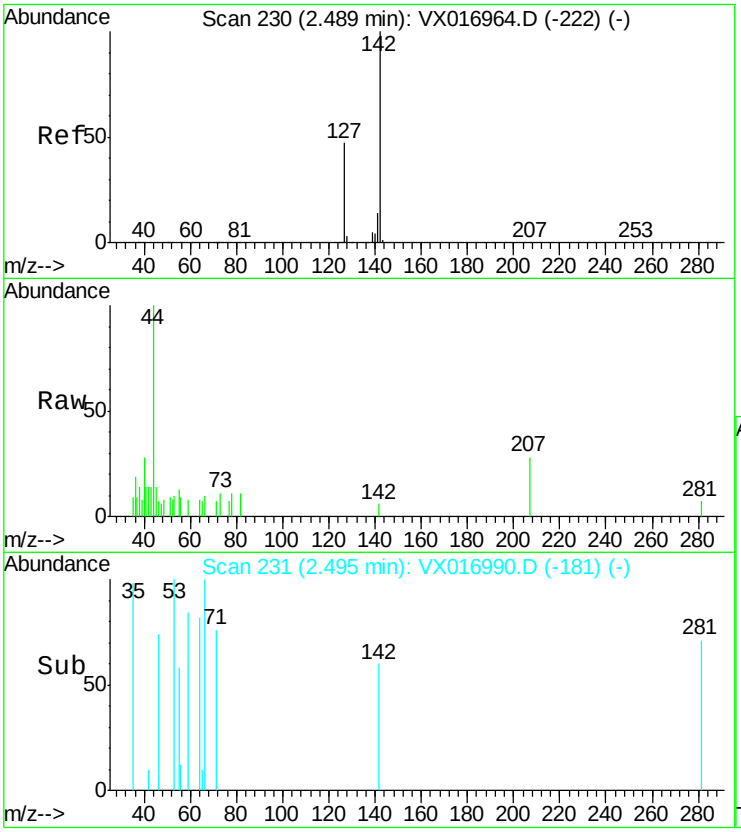


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.376 ug/l
RT: 2.37 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX016990.D
Acq: 26 Jun 2020 17:46

Tgt Ion:101 Resp: 3663

Ion	Ratio	Lower	Upper
101	100		
85	44.4	36.8	55.2
151	67.7	59.8	89.6



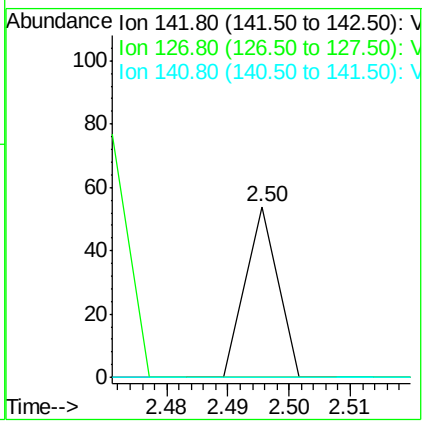


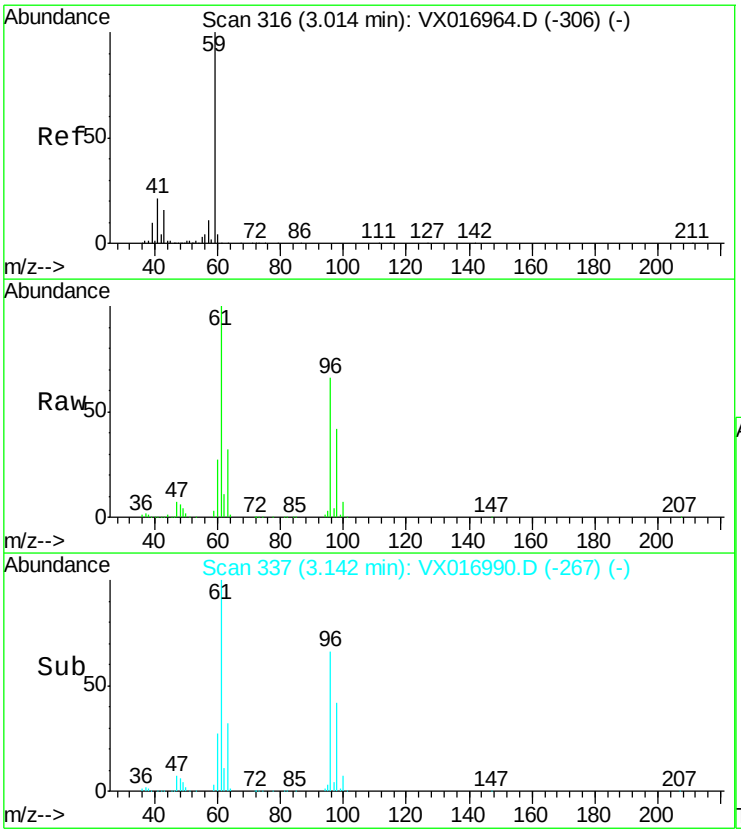
#10
Methyl Iodide
Concen: 2.789 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX016990.D
Acq: 26 Jun 2020 17:46

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 20

Ion	Ratio	Lower	Upper
142	100		
127	0.0	37.4	56.0#
141	0.0	11.7	17.5#

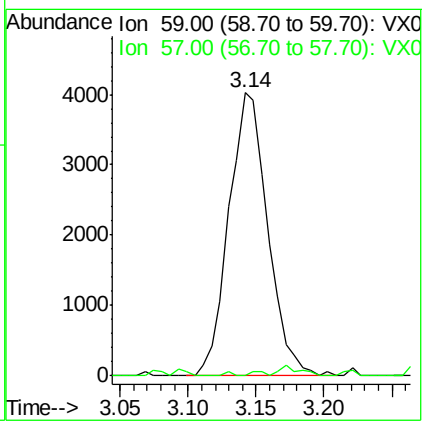


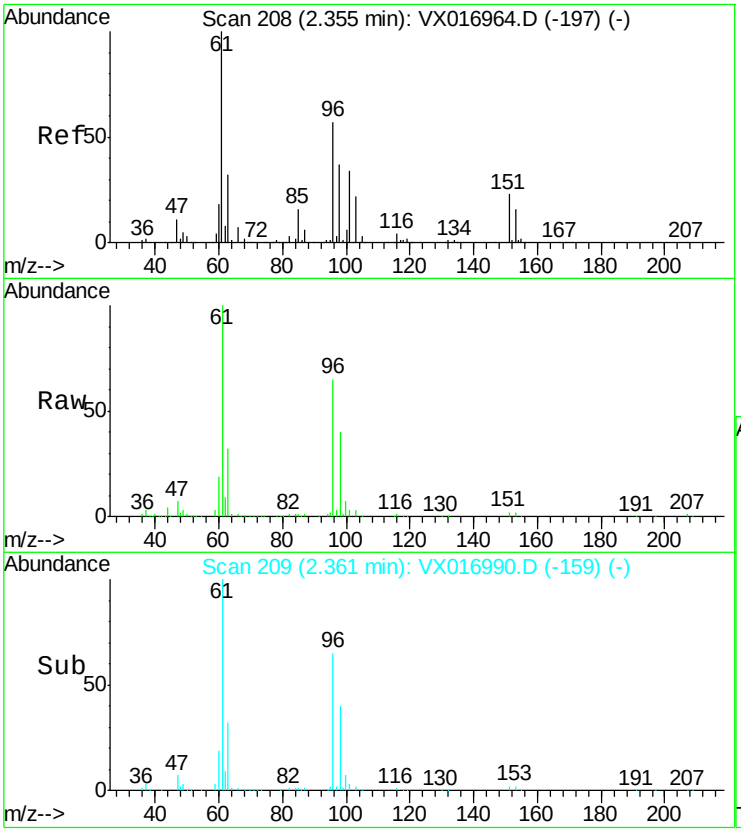


#11
Tert butyl alcohol
Concen: 11.570 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.13 min
Lab File: VX016990.D
Acq: 26 Jun 2020 17:46

Tgt Ion: 59 Resp: 8016

Ion	Ratio	Lower	Upper
59	100		
57	0.3	8.5	12.7#



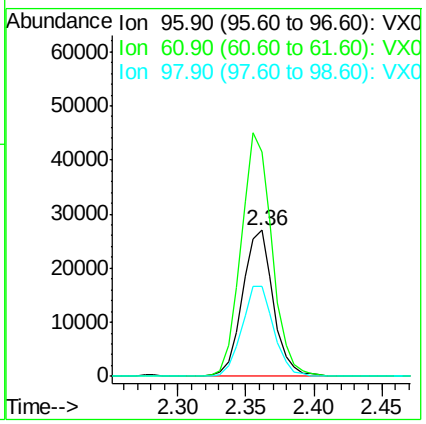


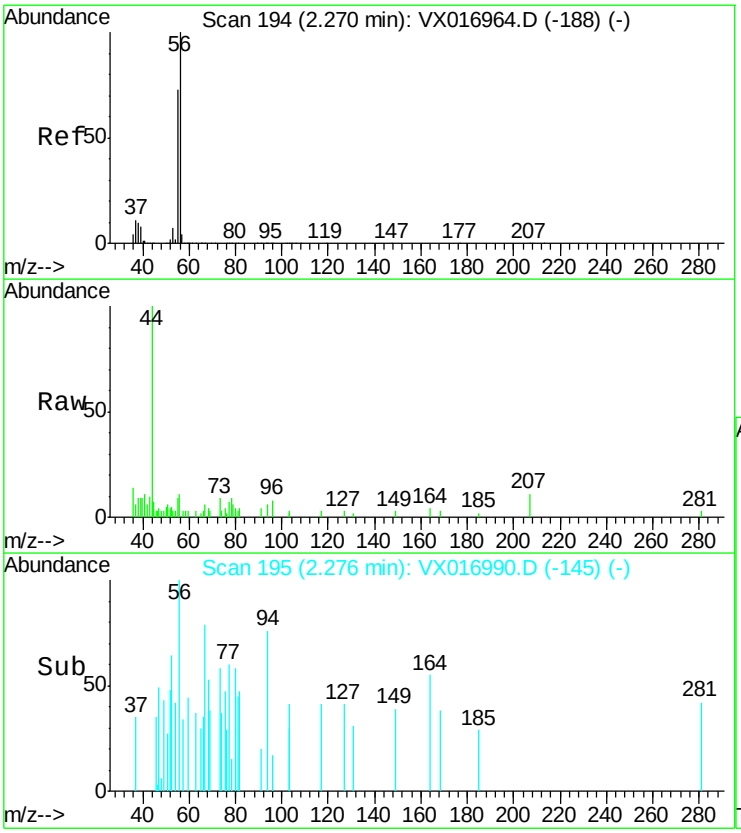
#12
1,1-Dichloroethene
Concen: 15.593 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.01 min
Lab File: VX016990.D
Acq: 26 Jun 2020 17:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 42004

Ion	Ratio	Lower	Upper
96	100		
61	154.5	139.7	209.5
98	62.3	51.0	76.6

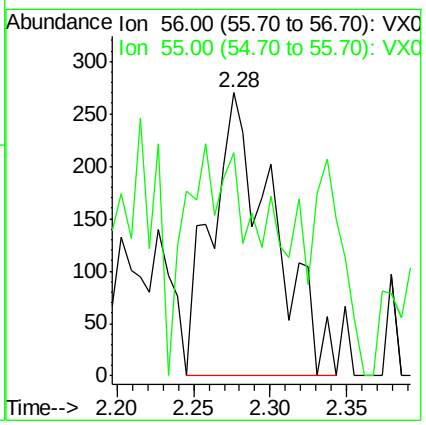


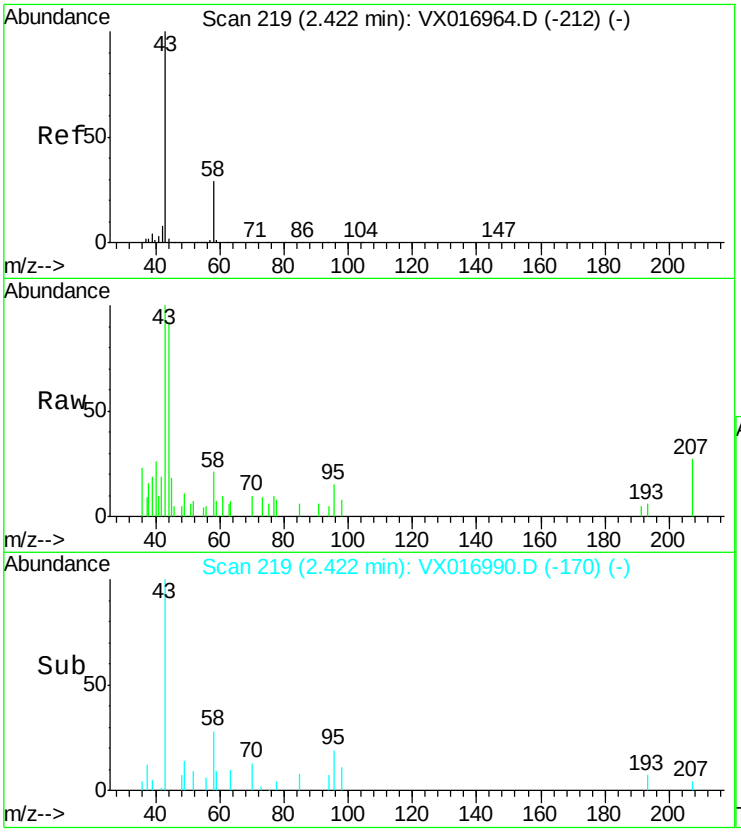


#13
Acrolein
Concen: 1.480 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX016990.D
Acq: 26 Jun 2020 17:46

Tgt Ion: 56 Resp: 760

Ion	Ratio	Lower	Upper
56	100		
55	40.5	57.5	86.3#

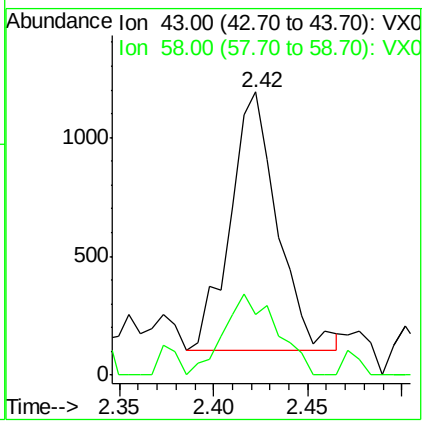




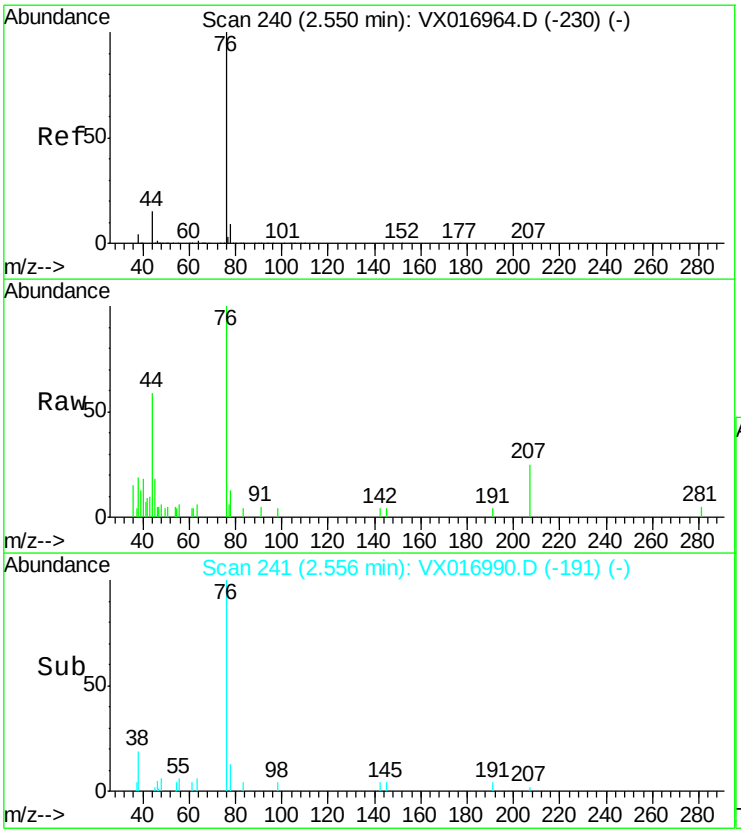
#16
Acetone
Concen: 1.313 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX016990.D
Acq: 26 Jun 2020 17:46

Tgt Ion: 43 Resp: 1883

Ion	Ratio	Lower	Upper
43	100		
58	23.3	23.5	35.3#



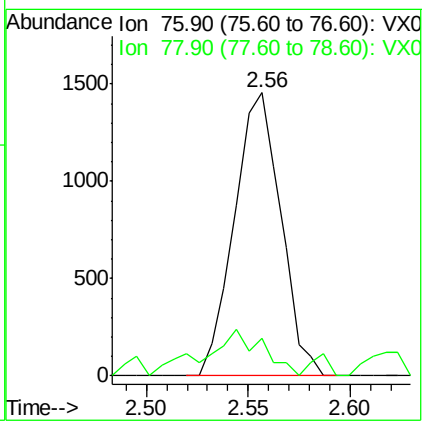
Instrument :
MSVOA_X
ClientSampleId :

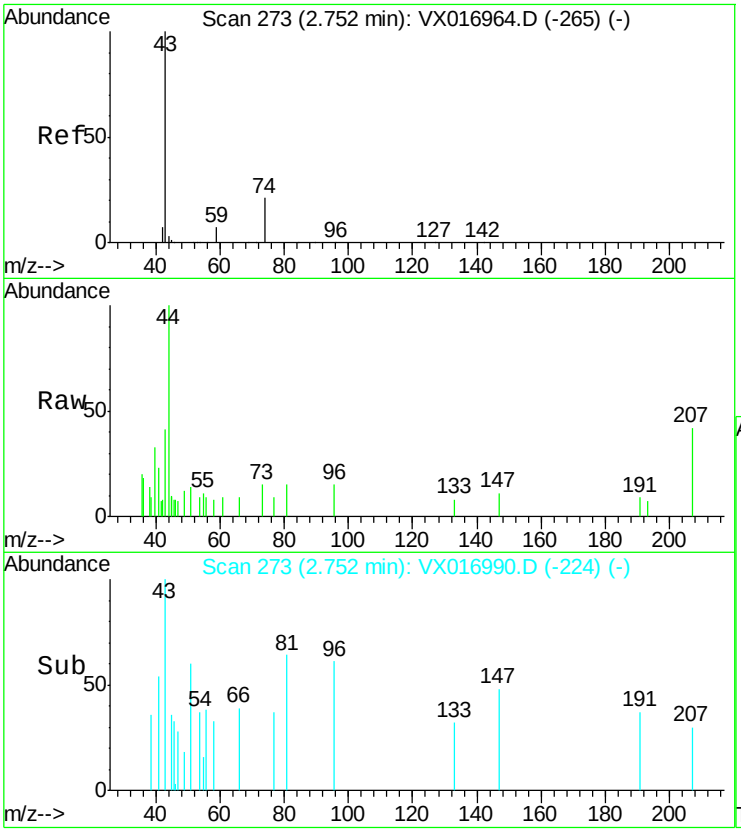


#17
Carbon Disulfide
Concen: 0.270 ug/l
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX016990.D
Acq: 26 Jun 2020 17:46

Tgt Ion: 76 Resp: 2303

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.4



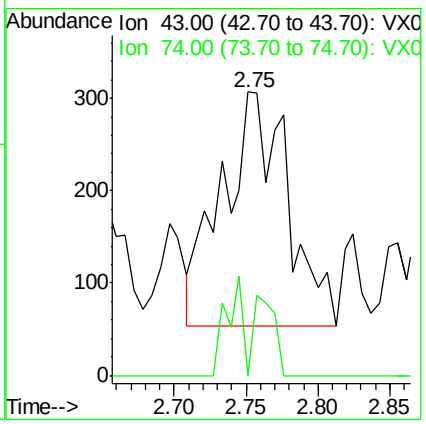


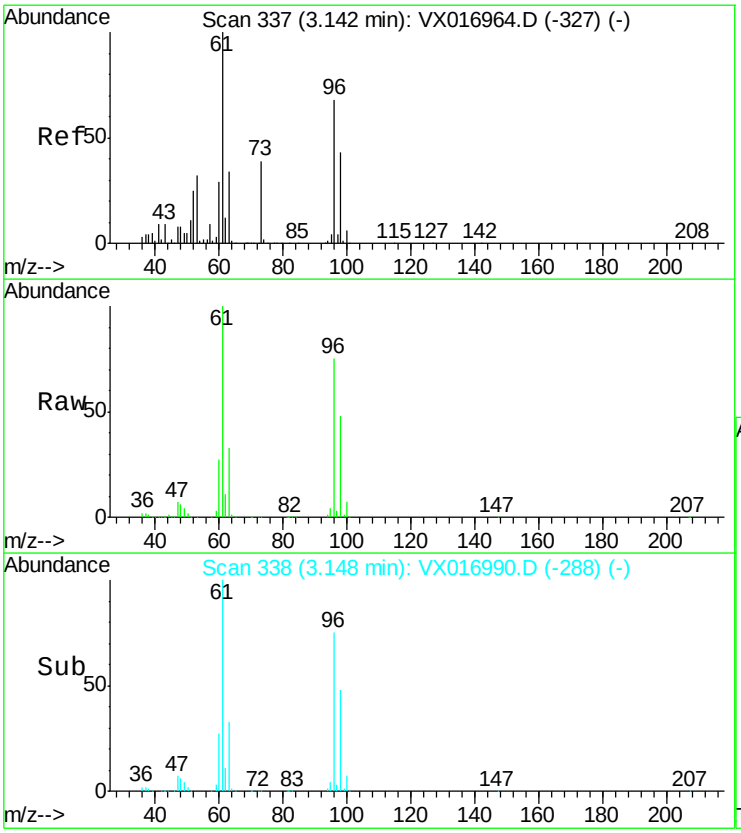
#18
Methyl Acetate
Concen: 0.229 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX016990.D
Acq: 26 Jun 2020 17:46

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 799

Ion	Ratio	Lower	Upper
43	100		
74	10.6	18.3	27.5#

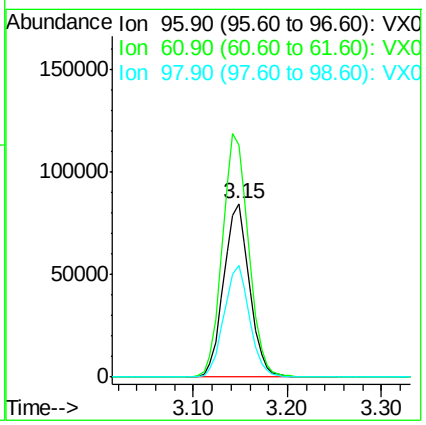


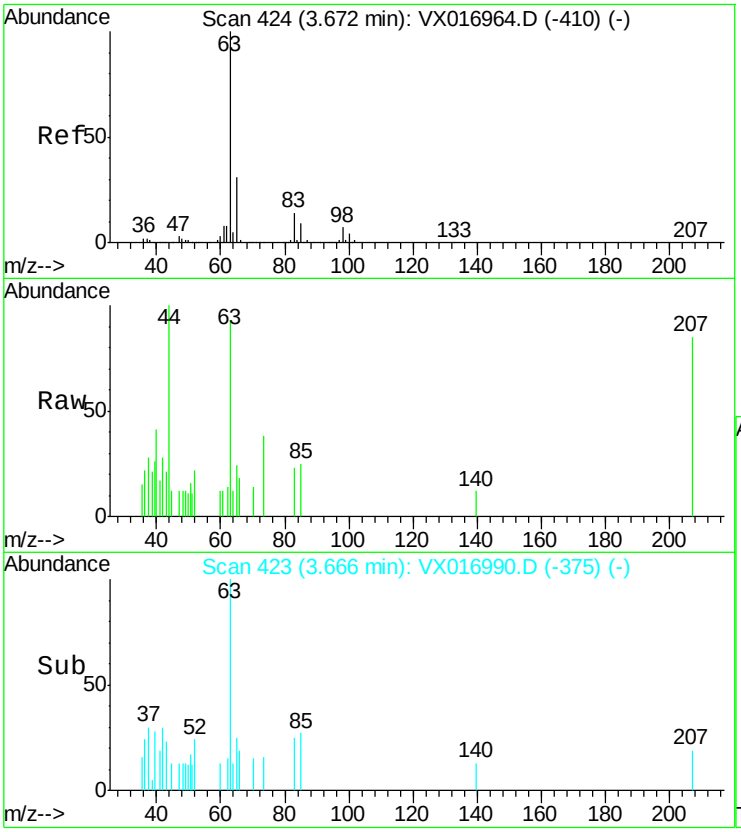


#21
trans-1,2-Dichloroethene
Concen: 52.860 ug/l
RT: 3.15 min Scan# 338
Delta R.T. 0.01 min
Lab File: VX016990.D
Acq: 26 Jun 2020 17:46

Tgt Ion: 96 Resp: 160877

Ion	Ratio	Lower	Upper
96	100		
61	133.5	116.7	175.1
98	64.4	50.7	76.1



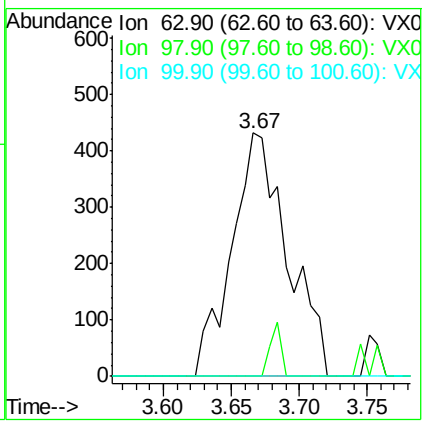


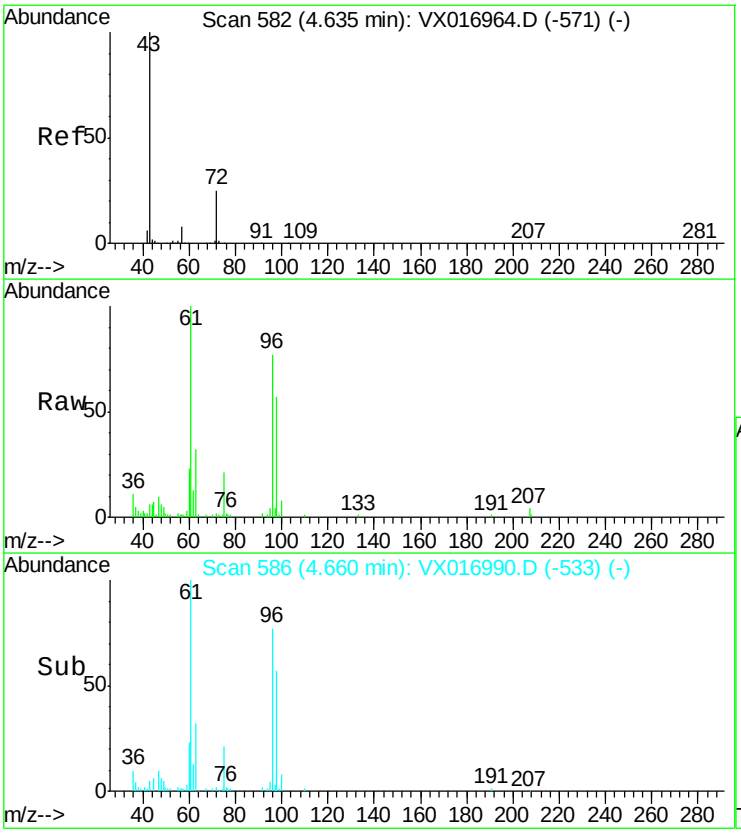
#24
1,1-Dichloroethane
Concen: 0.224 ug/l
RT: 3.67 min Scan# 423
Delta R.T. -0.01 min
Lab File: VX016990.D
Acq: 26 Jun 2020 17:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 63 Resp: 1236

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.6	10.8#
100	0.0	2.1	6.3#

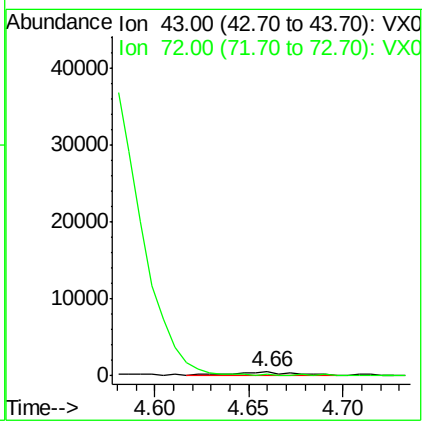


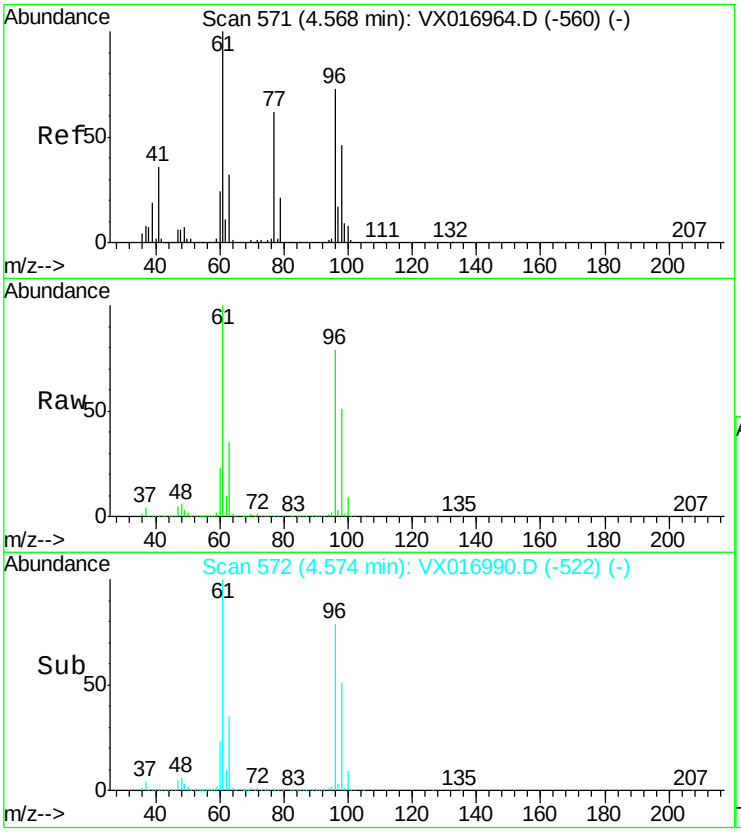


#25
2-Butanone
Concen: 0.613 ug/l
RT: 4.66 min Scan# 586
Delta R.T. 0.02 min
Lab File: VX016990.D
Acq: 26 Jun 2020 17:46

Tgt Ion: 43 Resp: 1341

Ion	Ratio	Lower	Upper
43	100		
72	13.8	20.0	30.0#



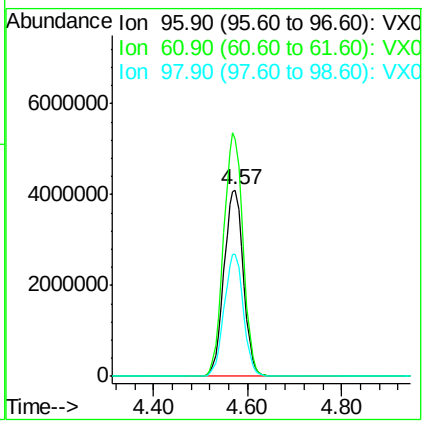


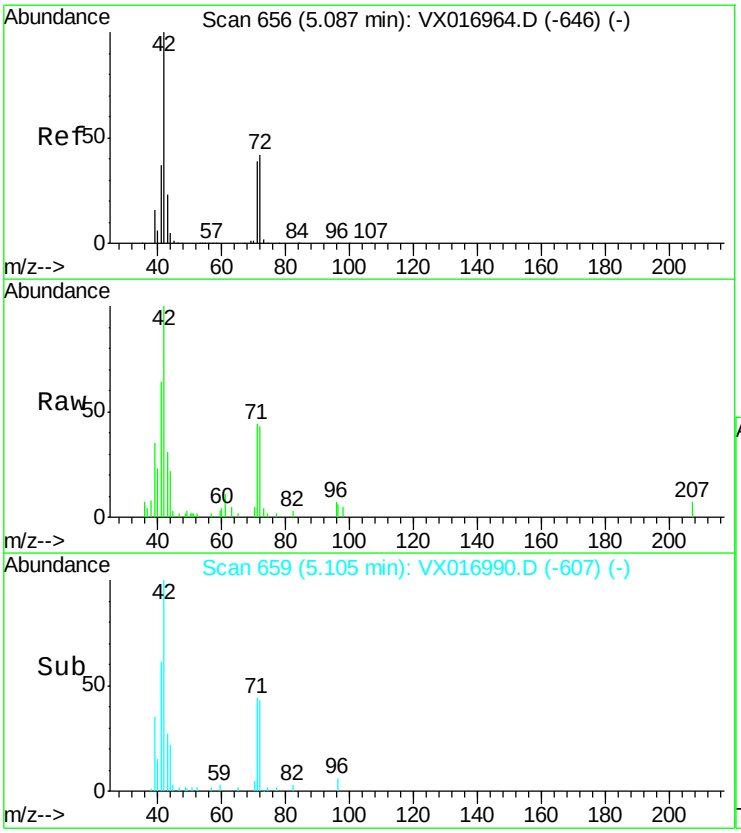
#27
cis-1,2-Dichloroethene
Concen: 3466.803 ug/l
RT: 4.57 min Scan# 572
Delta R.T. 0.01 min
Lab File: VX016990.D
Acq: 26 Jun 2020 17:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp:11659297

Ion	Ratio	Lower	Upper
96	100		
61	130.7	0.0	307.2
98	65.1	0.0	128.4

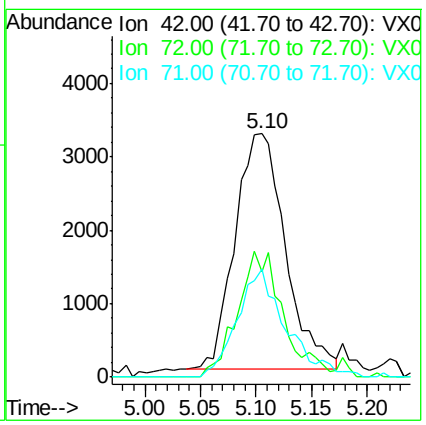


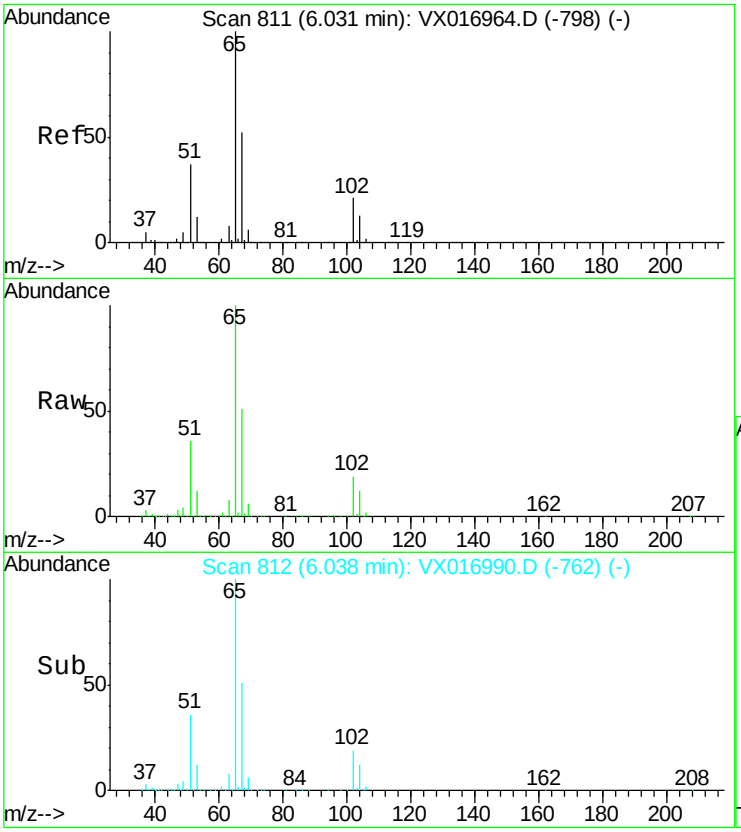


#29
Tetrahydrofuran
Concen: 7.032 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.02 min
Lab File: VX016990.D
Acq: 26 Jun 2020 17:46

Tgt Ion: 42 Resp: 10107

Ion	Ratio	Lower	Upper
42	100		
72	48.1	34.1	51.1
71	44.4	32.1	48.1



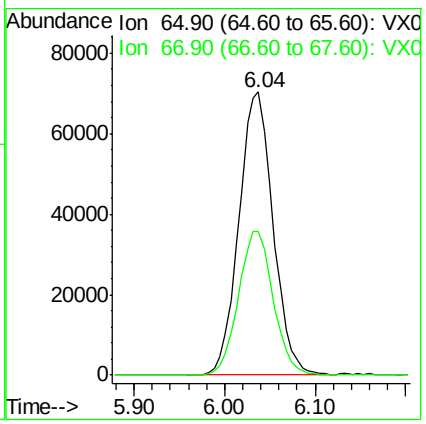


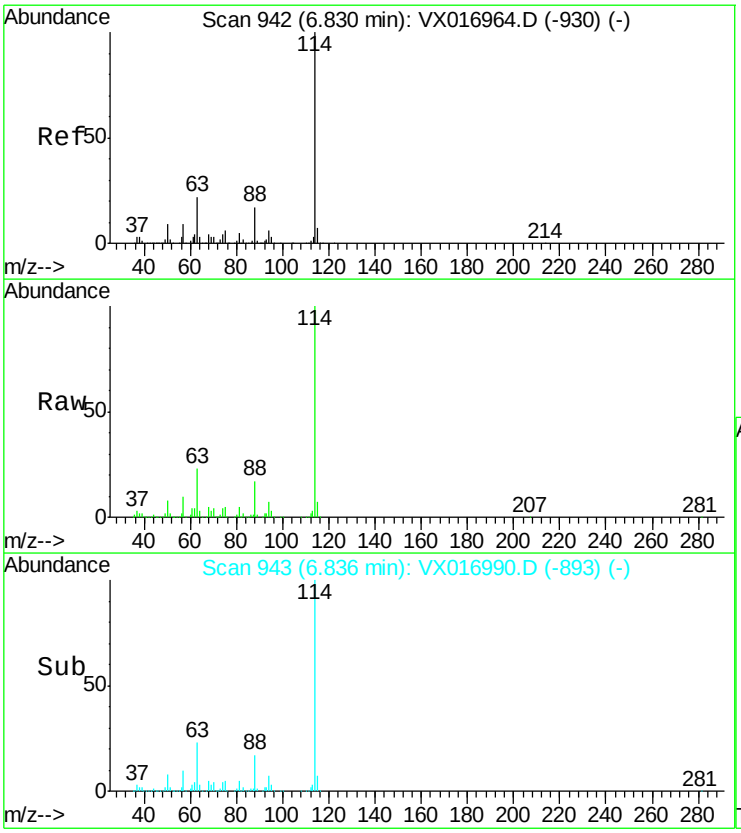
#33
1,2-Dichloroethane-d4
Concen: 49.955 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016990.D
Acq: 26 Jun 2020 17:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 183330

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	102.8

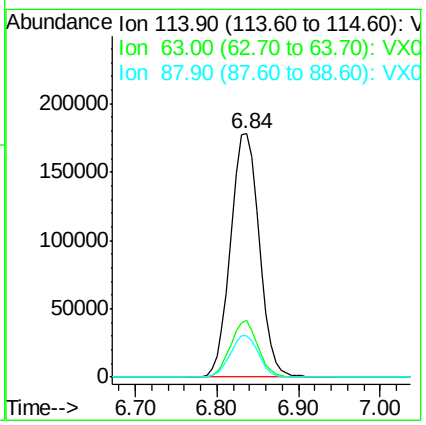


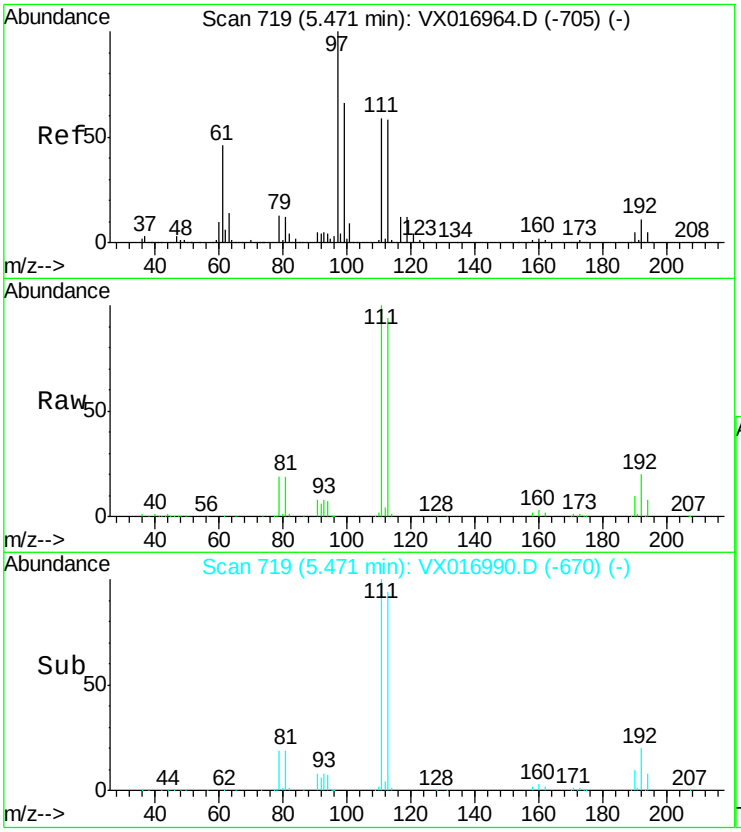


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX016990.D
Acq: 26 Jun 2020 17:46

Tgt Ion:114 Resp: 432812

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	44.4
88	17.2	0.0	33.2



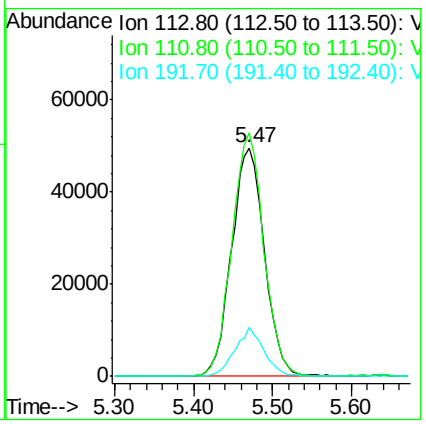


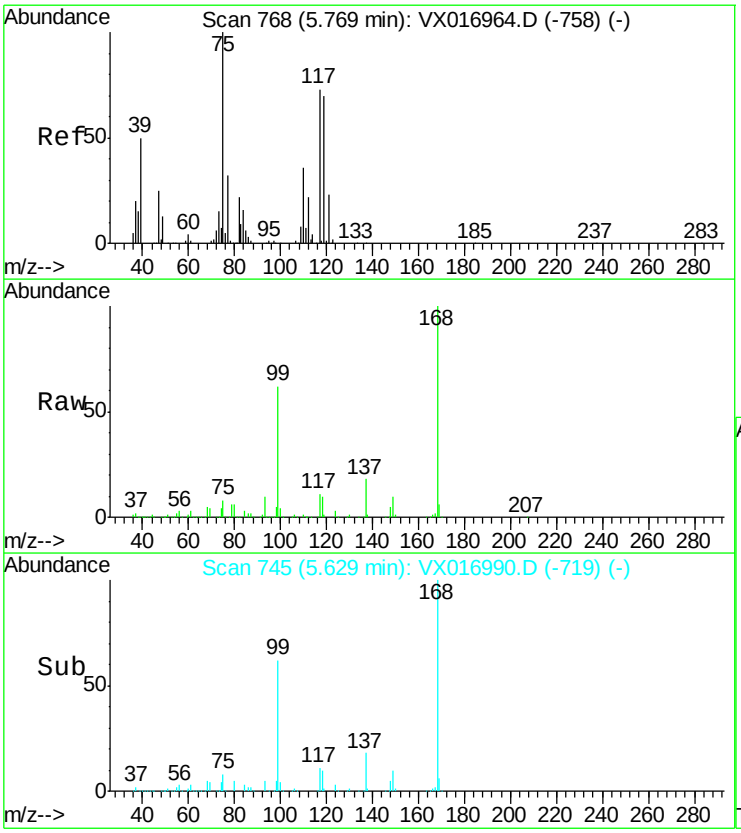
#35
Dibromofluoromethane
Concen: 50.375 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016990.D
Acq: 26 Jun 2020 17:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 144005

Ion	Ratio	Lower	Upper
113	100		
111	103.6	84.3	126.5
192	18.7	15.2	22.8

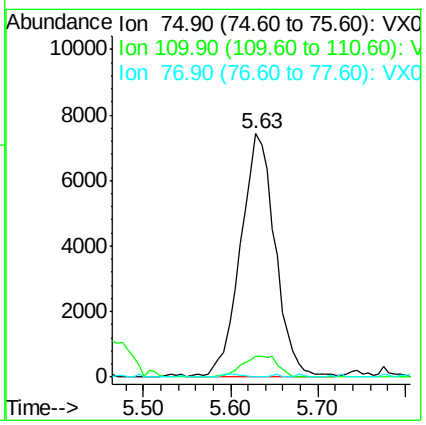


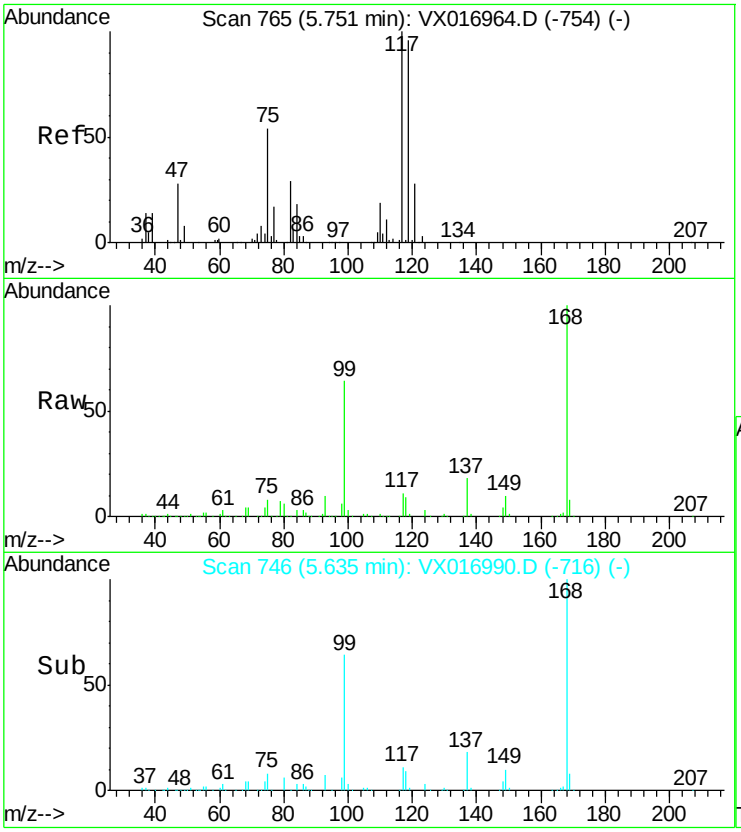


#36
1,1-Dichloropropene
Concen: 4.785 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX016990.D
Acq: 26 Jun 2020 17:46

Tgt Ion: 75 Resp: 20505

Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.2	51.6#
77	0.0	24.7	37.1#



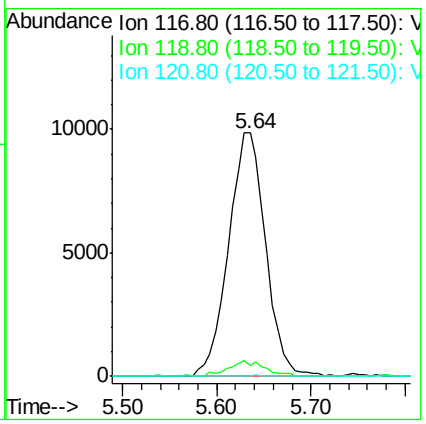


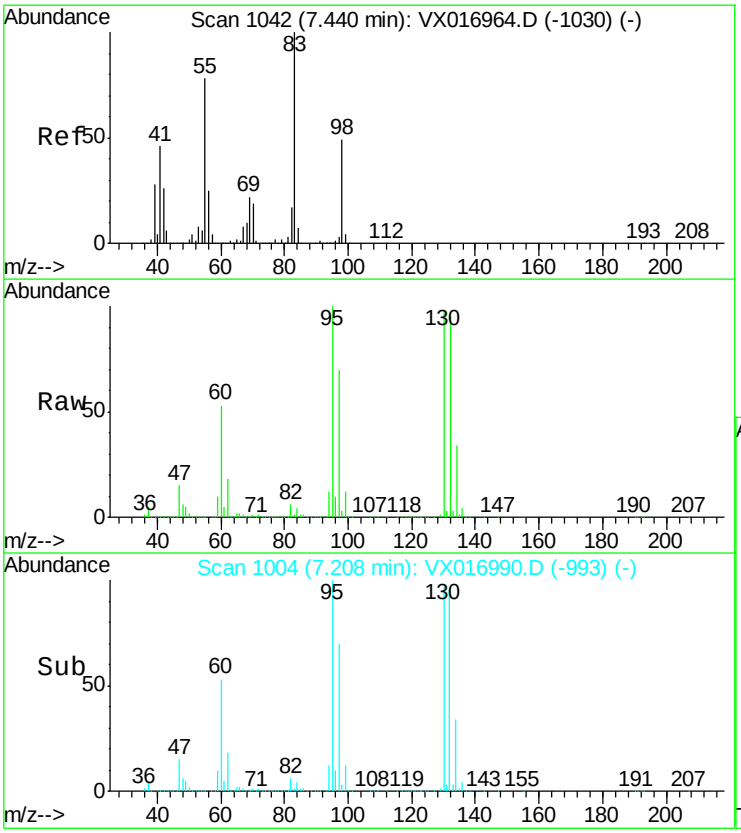
#38
Carbon Tetrachloride
Concen: 5.951 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX016990.D
Acq: 26 Jun 2020 17:46

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 26990

Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.6	114.8#
121	0.0	22.5	33.7#

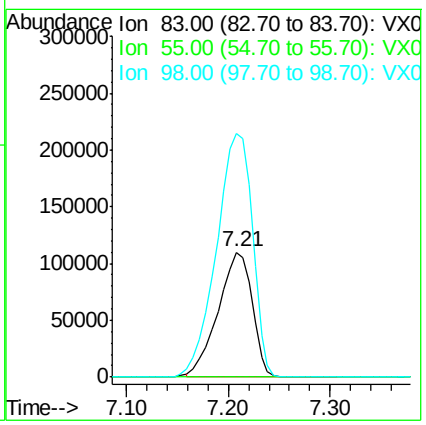


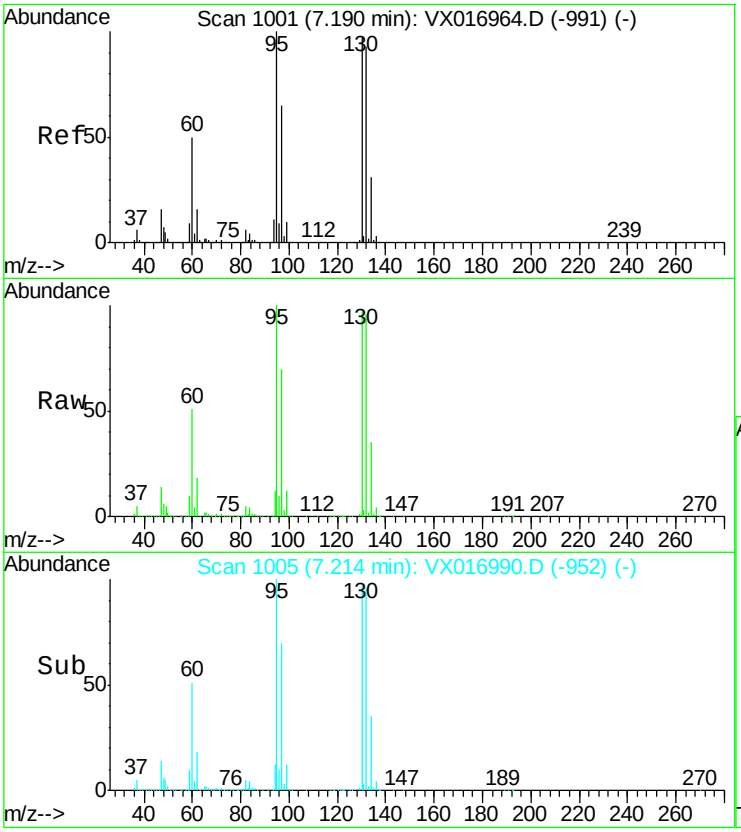


#39
Methylcyclohexane
Concen: 54.653 ug/l
RT: 7.21 min Scan# 1004
Delta R.T. -0.23 min
Lab File: VX016990.D
Acq: 26 Jun 2020 17:46

Tgt Ion: 83 Resp: 253454

Ion	Ratio	Lower	Upper
83	100		
55	0.2	62.4	93.6#
98	195.1	39.4	59.0#



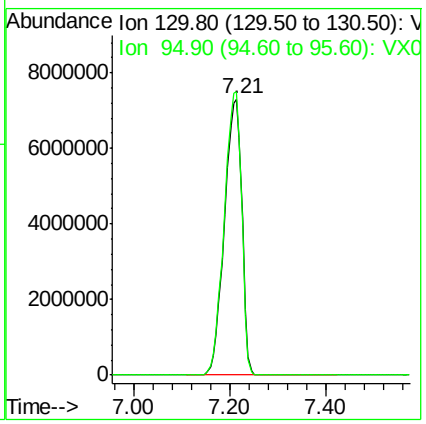


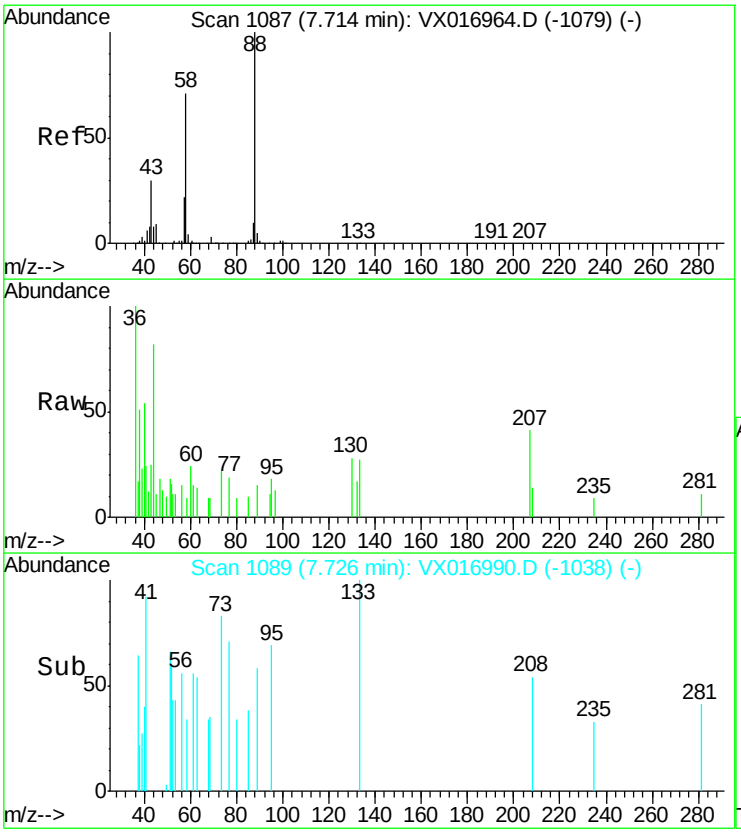
#44
Trichloroethene
Concen: 5626.031 ug/l
RT: 7.21 min Scan# 1005
Delta R.T. 0.02 min
Lab File: VX016990.D
Acq: 26 Jun 2020 17:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:130 Resp:18483502

Ion	Ratio	Lower	Upper
130	100		
95	102.6	0.0	206.6

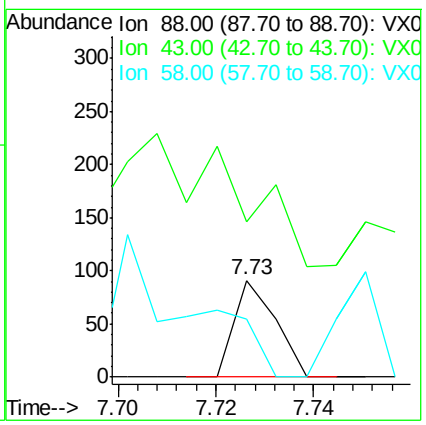


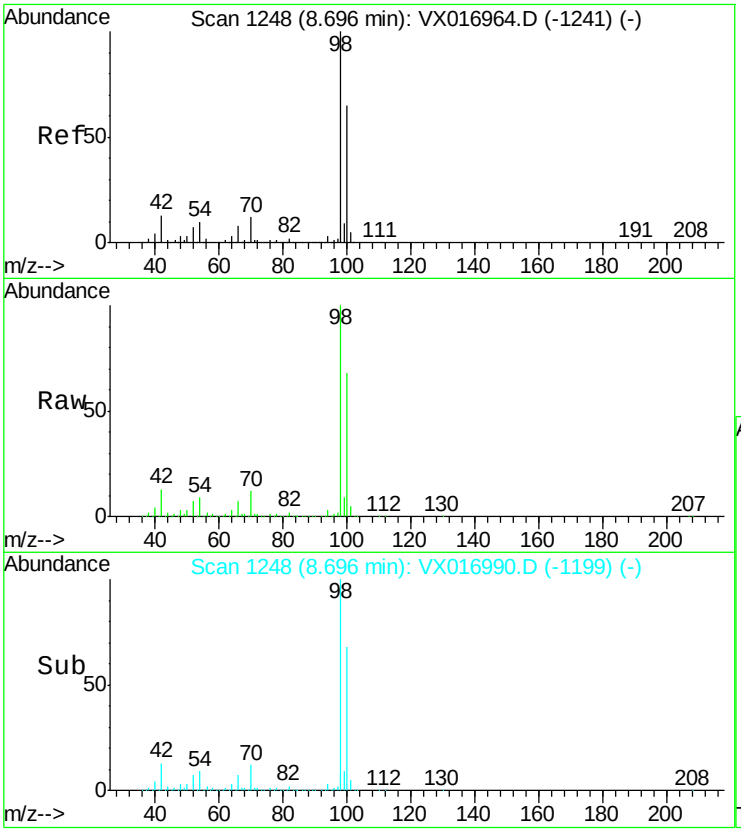


#49
1,4-Dioxane
Concen: 0.704 ug/l
RT: 7.73 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VX016990.D
Acq: 26 Jun 2020 17:46

Tgt Ion: 88 Resp: 53

Ion	Ratio	Lower	Upper
88	100		
43	0.0	28.1	42.1#
58	0.0	56.1	84.1#



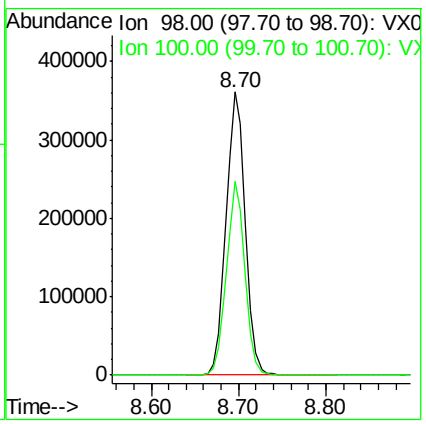


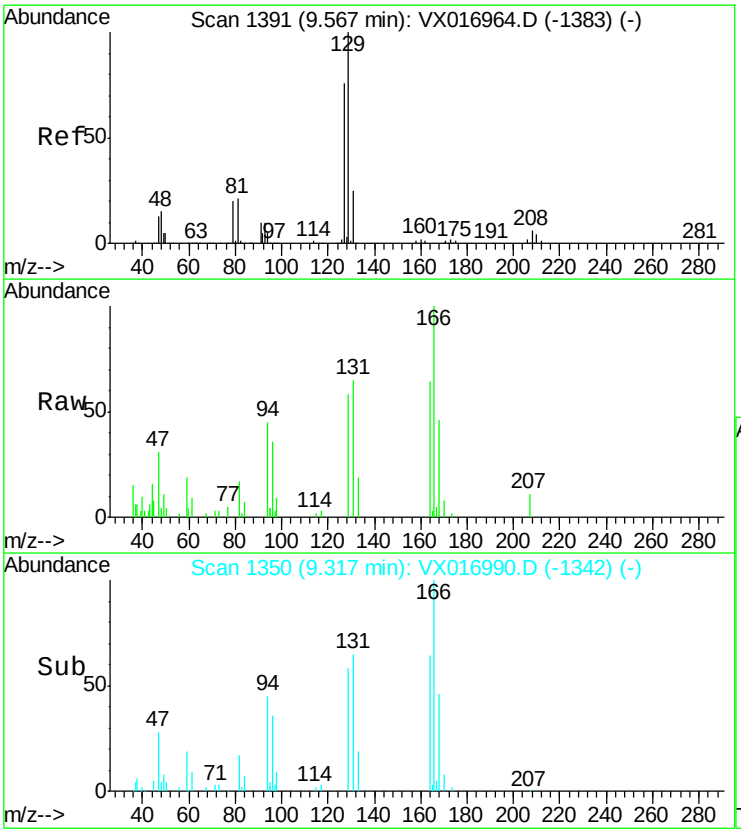
#50
Toluene-d8
Concen: 52.458 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016990.D
Acq: 26 Jun 2020 17:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 549680

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.2	78.2

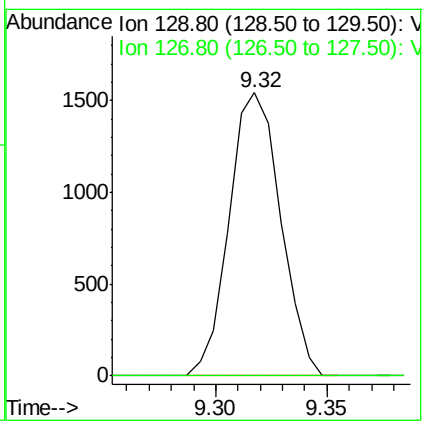


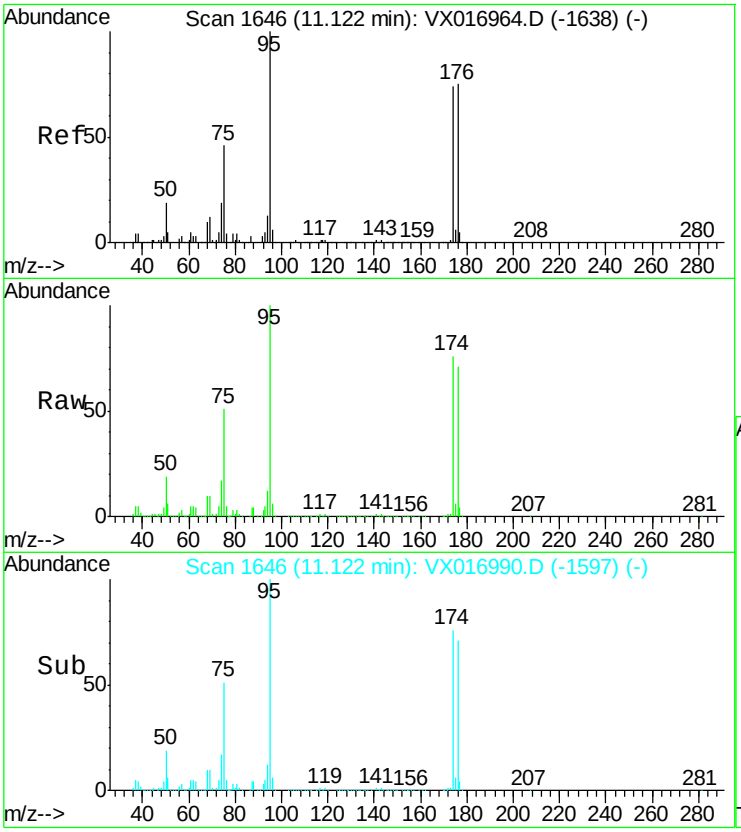


#60
Dibromochloromethane
Concen: 0.697 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.25 min
Lab File: VX016990.D
Acq: 26 Jun 2020 17:46

Tgt Ion:129 Resp: 2482

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.0	114.0#



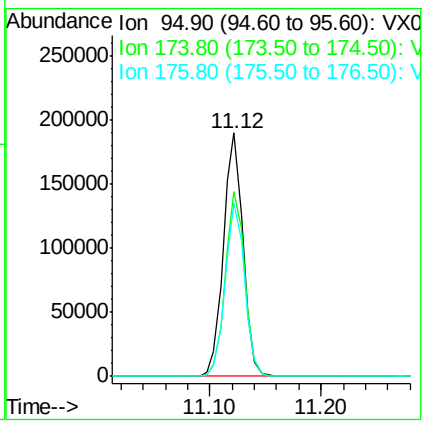


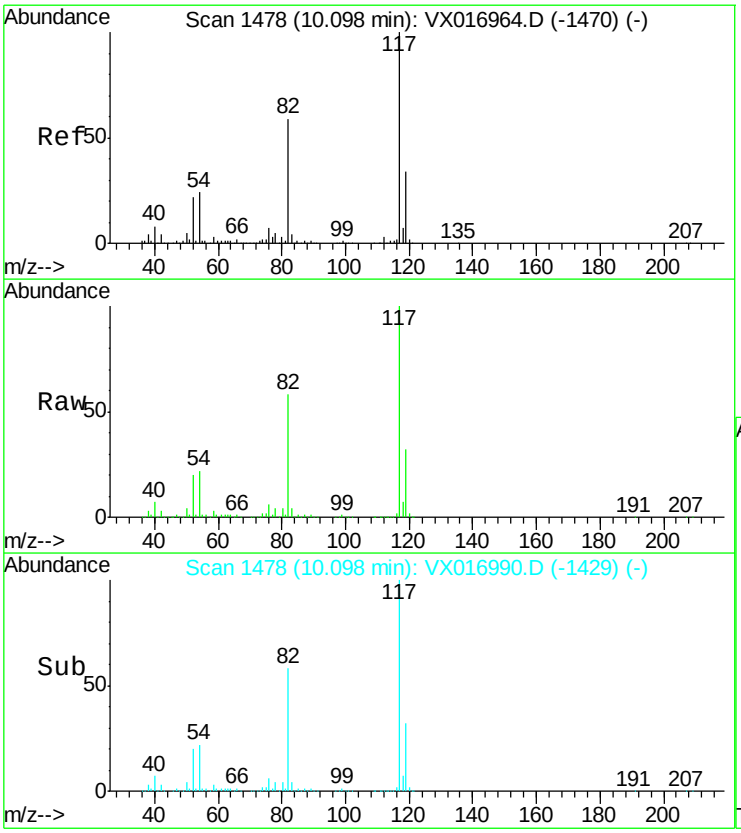
#62
4-Bromofluorobenzene
Concen: 56.406 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016990.D
Acq: 26 Jun 2020 17:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 228556

Ion	Ratio	Lower	Upper
95	100		
174	76.1	0.0	149.6
176	71.3	0.0	148.2

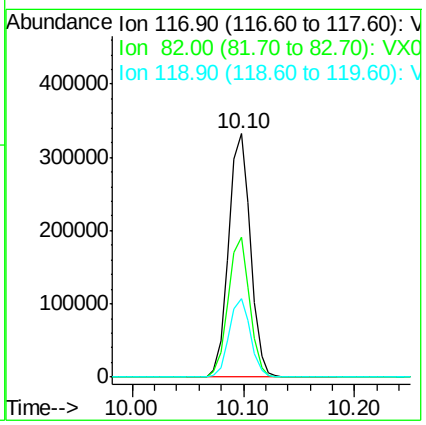


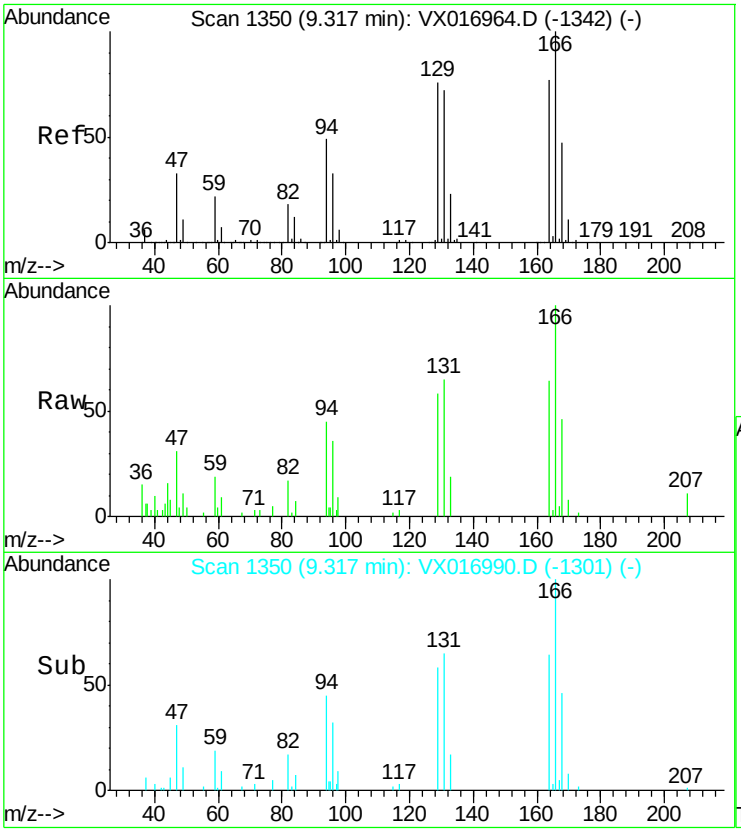


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016990.D
Acq: 26 Jun 2020 17:46

Tgt Ion:117 Resp: 448459

Ion	Ratio	Lower	Upper
117	100		
82	57.6	46.8	70.2
119	32.4	27.3	40.9



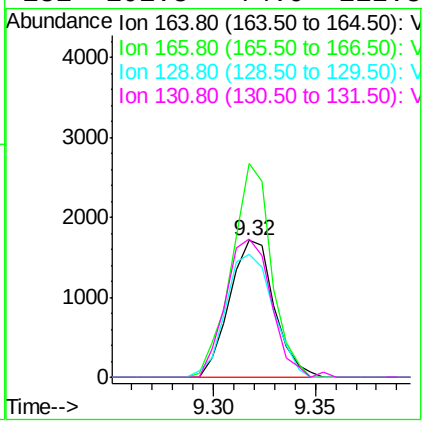


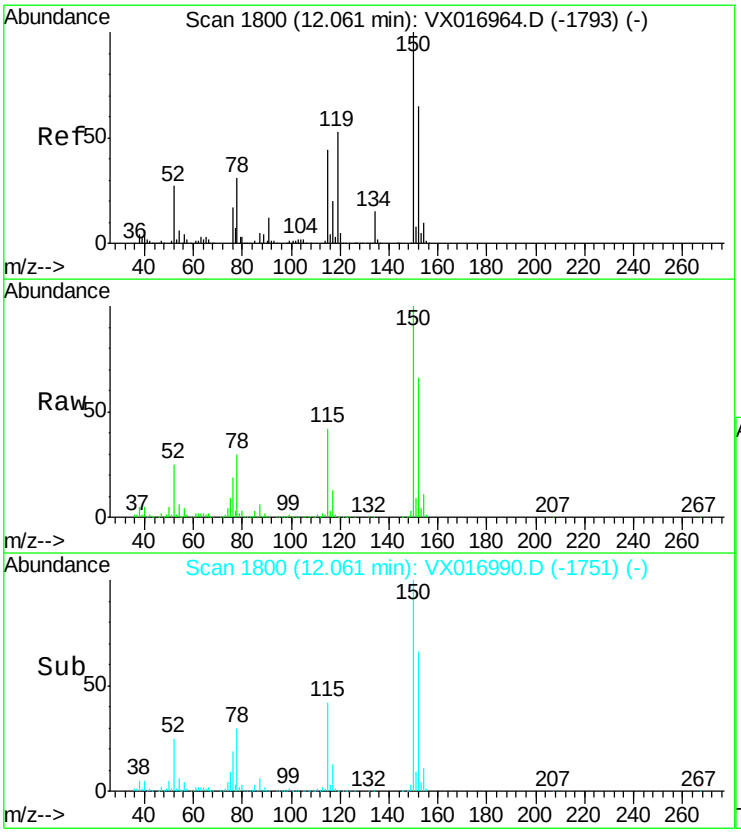
#64
Tetrachloroethene
Concen: 0.855 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016990.D
Acq: 26 Jun 2020 17:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:164 Resp: 2595

Ion	Ratio	Lower	Upper
164	100		
166	156.2	104.2	156.4
129	90.3	79.3	118.9
131	101.3	74.9	112.3

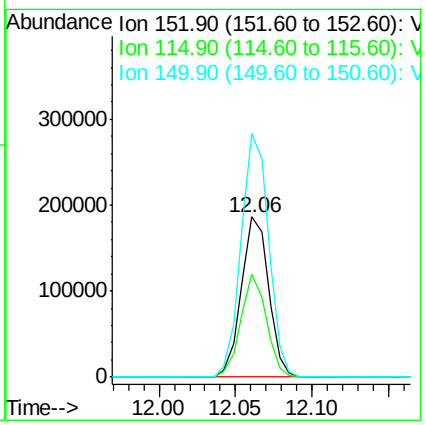


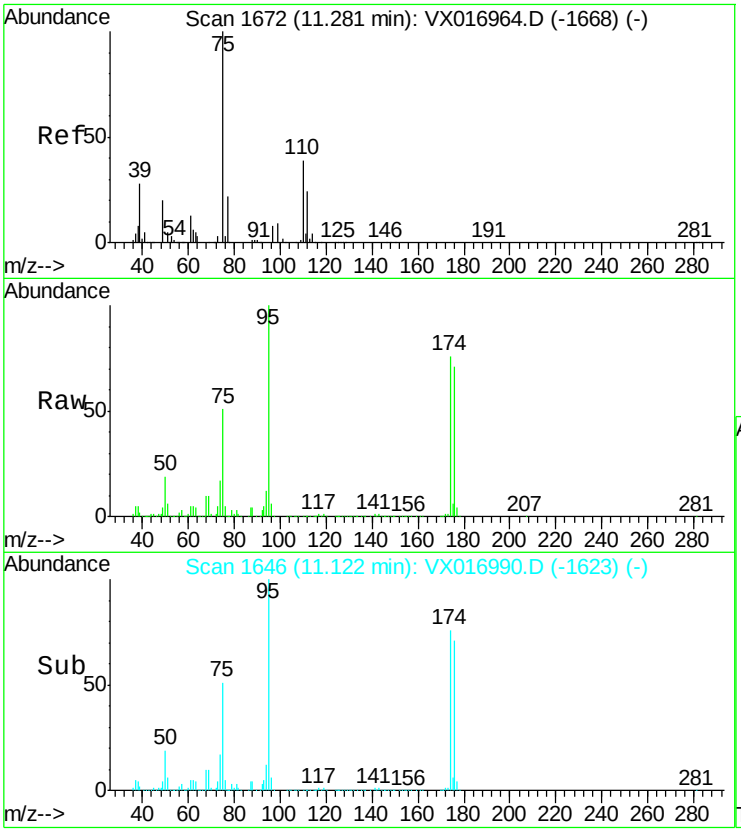


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016990.D
Acq: 26 Jun 2020 17:46

Tgt Ion:152 Resp: 230870

Ion	Ratio	Lower	Upper
152	100		
115	60.4	42.8	128.4
150	153.6	0.0	347.8



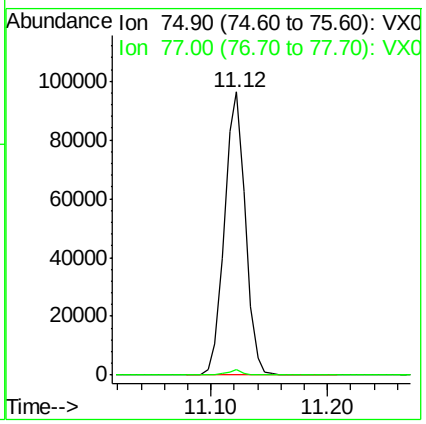


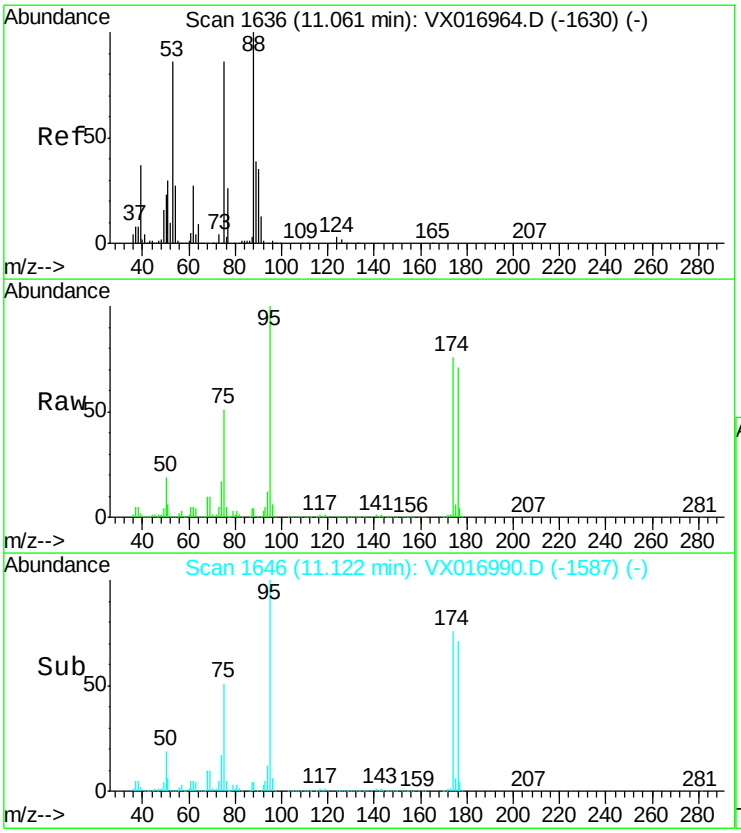
#76
1,2,3-Trichloropropane
Concen: 24.623 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX016990.D
Acq: 26 Jun 2020 17:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 119300

Ion	Ratio	Lower	Upper
75	100		
77	1.4	20.3	61.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.514 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX016990.D
Acq: 26 Jun 2020 17:46

Tgt Ion: 75 Resp: 119300

Ion	Ratio	Lower	Upper
75	100		
53	0.3	81.9	122.9#
89	0.1	35.5	53.3#