Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062620\
Data File : VX016973.D
Acq On : 26 Jun 2020 11:19
Operator : JC/SP
Sample : L3020-25
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FB_061720

Quant Time: Jun 27 02:59:38 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	201372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	358982	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	357758	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	180693	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	151804	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.84%			
35) Dibromofluoromethane	5.47	113	116762	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.50%			
50) Toluene-d8	8.70	98	448447	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.20%			
62) 4-Bromofluorobenzene	11.12	95	178091	52.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.98%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	650	0.263	ug/l	91
5) Bromomethane	1.64	94	791	Below Cal	#	45
10) Methyl Iodide	2.49	142	808	3.059	ug/l #	77
11) Tert butyl alcohol	3.00	59	2052	3.574	ug/l	97
12) 1,1-Dichloroethene	2.36	96	600	0.269	ug/l #	62
13) Acrolein	2.28	56	502	1.180	ug/l #	53
15) Acrylonitrile	3.10	53	806	0.605	ug/l #	82
16) Acetone	2.42	43	8910	7.496	ug/l	97
17) Carbon Disulfide	2.56	76	3209	0.453	ug/l #	86
18) Methyl Acetate	2.75	43	1210	0.418	ug/l #	65
20) Methylene Chloride	2.84	84	2138	0.791	ug/l #	94
21) trans-1,2-Dichloroethene	3.14	96	580	0.230	ug/l #	47
25) 2-Butanone	4.65	43	5903	3.258	ug/l #	83
29) Tetrahydrofuran	5.12	42	910	0.764	ug/l #	34
38) Carbon Tetrachloride	5.63	117	21899	5.821	ug/l #	15
49) 1,4-Dioxane	7.71	88	58	0.929	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	2228	0.606	ug/l	99
76) 1,2,3-Trichloropropane	11.12	75	98881	26.076	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	98881	66.203	ug/l #	9
89) n-Butylbenzene	12.37	91	2435	0.241	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	290	0.303	ug/l #	28
93) 1,2,4-Trichlorobenzene	13.63	180	1116	0.312	ug/l	72
94) Hexachlorobutadiene	13.77	225	638	0.497	ug/l	95
95) Naphthalene	13.82	128	2560	0.218	ug/l	95
96) 1,2,3-Trichlorobenzene	14.00	180	1274	0.371	ug/l	87

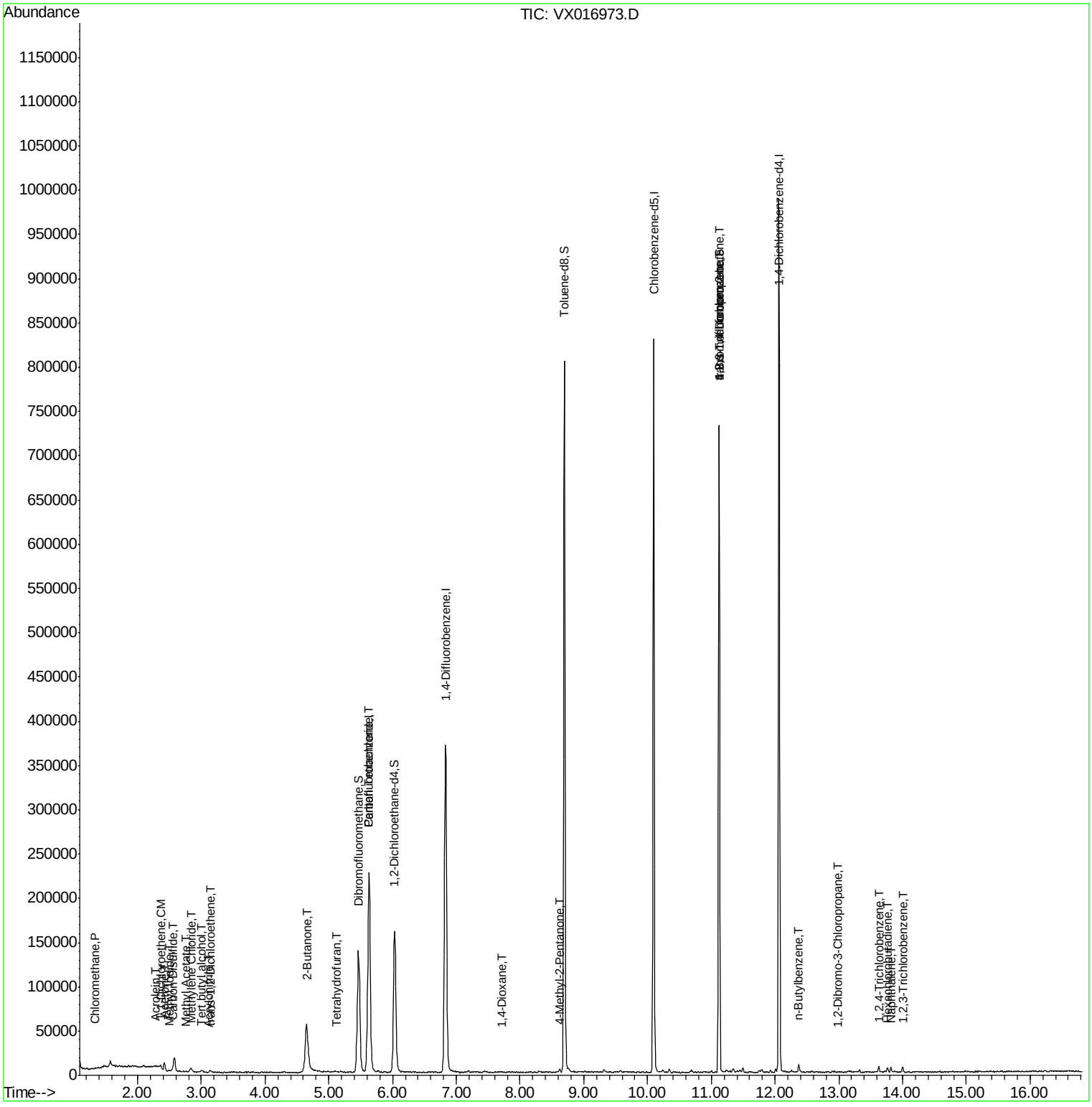
(#) = qualifier out of range (m) = manual integration (+) = signals summed

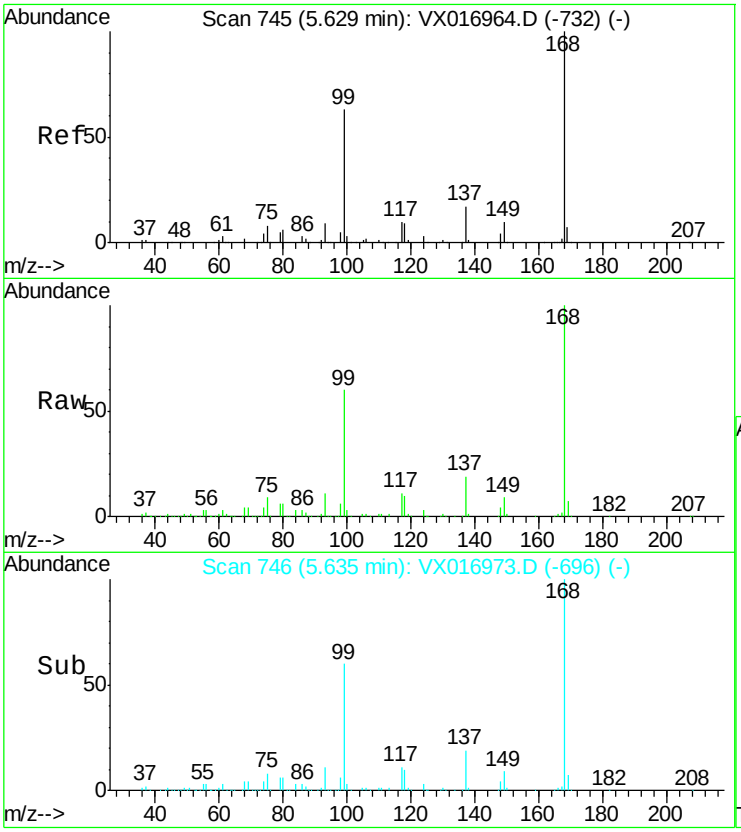
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
Data File : VX016973.D
Acq On : 26 Jun 2020 11:19
Operator : JC/SP
Sample : L3020-25
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB_061720

Quant Time: Jun 27 02:59:38 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



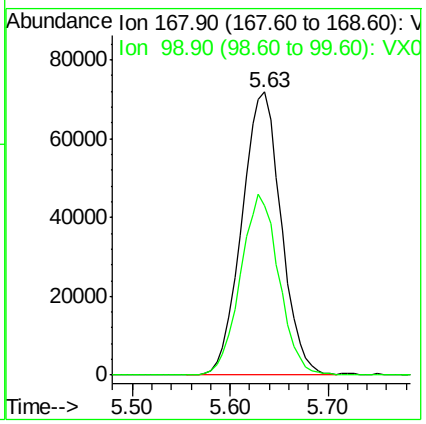


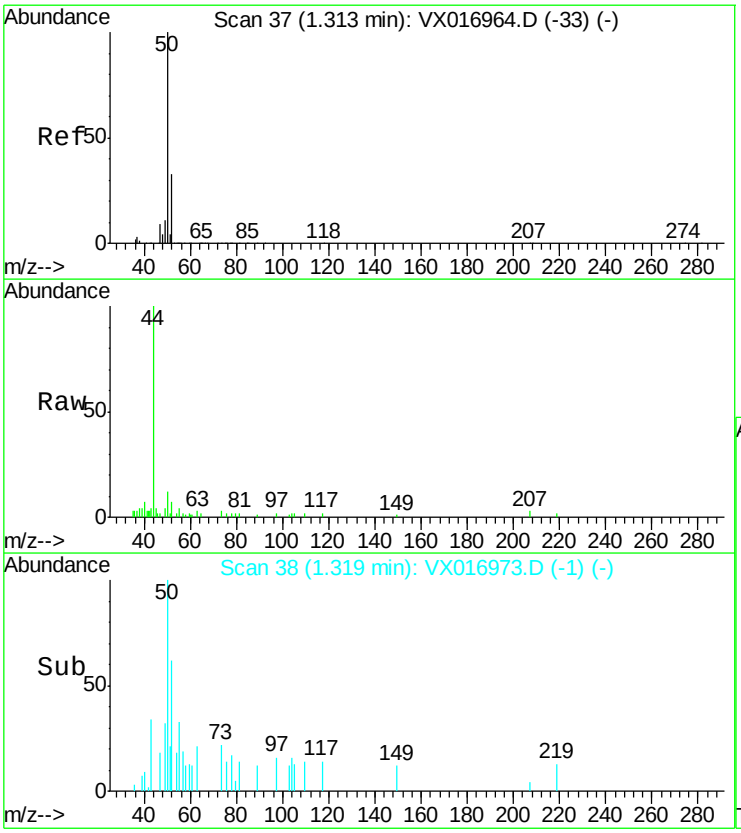
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 746
Delta R.T. 0.01 min
Lab File: VX016973.D
Acq: 26 Jun 2020 11:19

Instrument :
MSVOA_X
ClientSampleId :
FB_061720

Tgt Ion:168 Resp: 201372

Ion	Ratio	Lower	Upper
168	100		
99	60.0	50.2	75.2

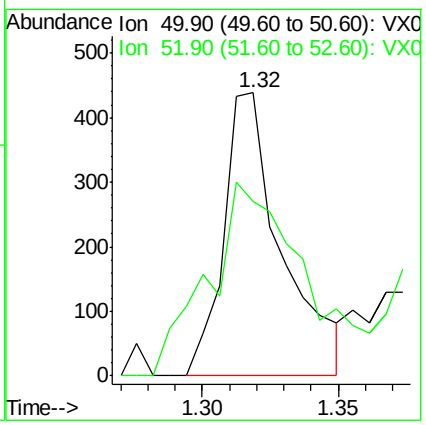


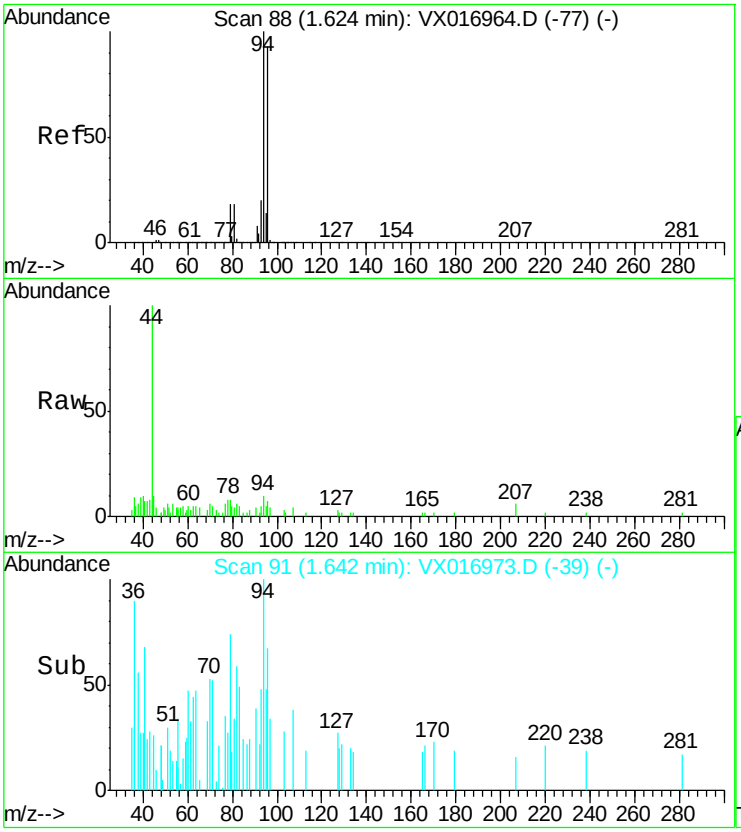


#3
Chloromethane
Concen: 0.263 ug/l
RT: 1.32 min Scan# 38
Delta R.T. 0.01 min
Lab File: VX016973.D
Acq: 26 Jun 2020 11:19

Tgt Ion: 50 Resp: 650

Ion	Ratio	Lower	Upper
50	100		
52	38.4	26.6	40.0



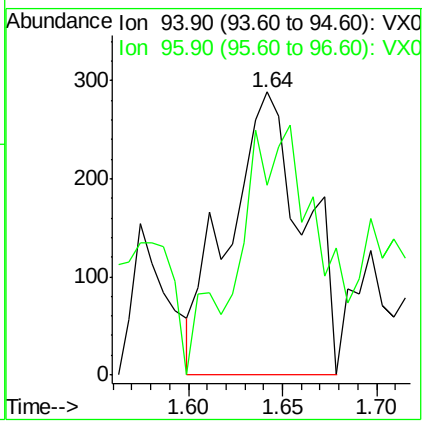


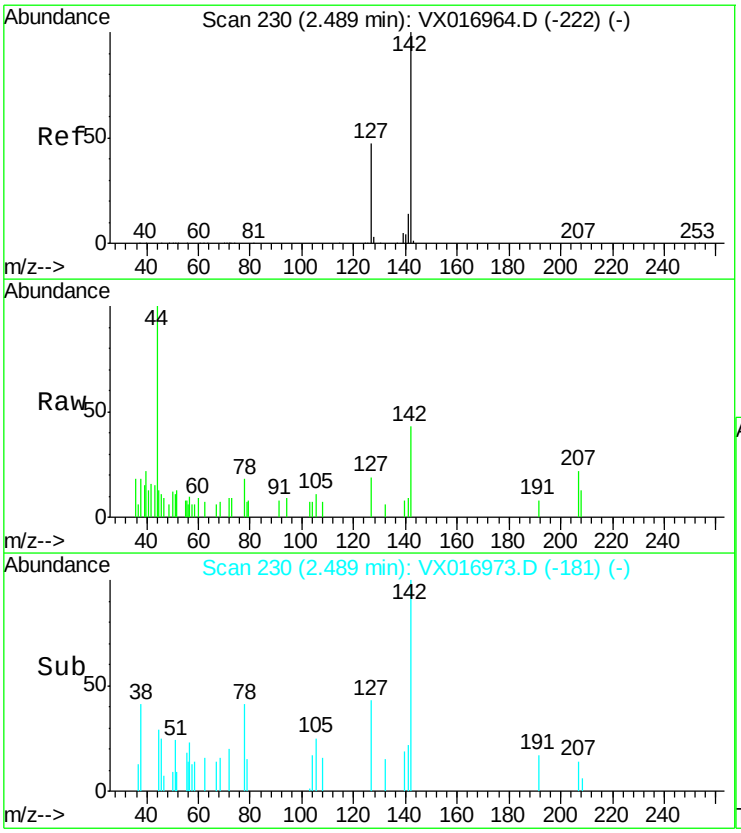
#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 91
Delta R.T. 0.02 min
Lab File: VX016973.D
Acq: 26 Jun 2020 11:19

Instrument :
MSVOA_X
ClientSampleId :
FB_061720

Tgt Ion: 94 Resp: 791

Ion	Ratio	Lower	Upper
94	100		
96	39.9	74.2	111.2#

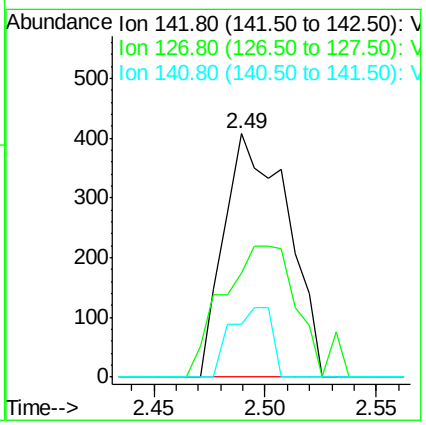


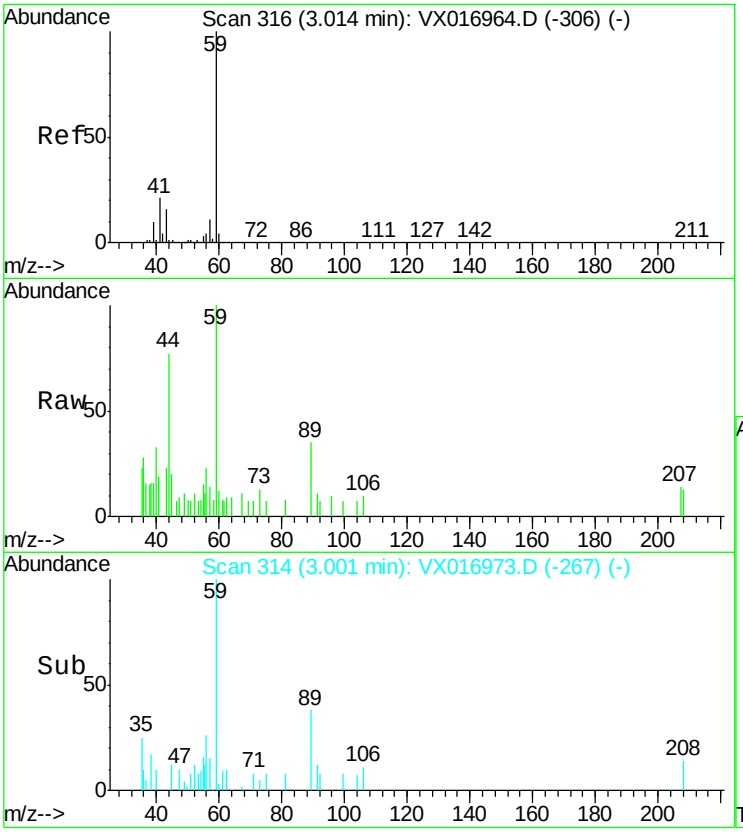


#10
Methyl Iodide
Concen: 3.059 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX016973.D
Acq: 26 Jun 2020 11:19

Tgt Ion:142 Resp: 808

Ion	Ratio	Lower	Upper
142	100		
127	65.1	37.4	56.0#
141	18.6	11.7	17.5#



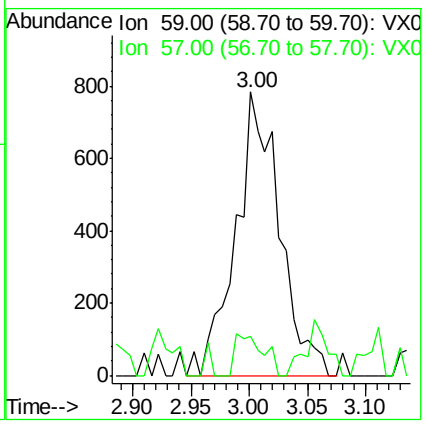


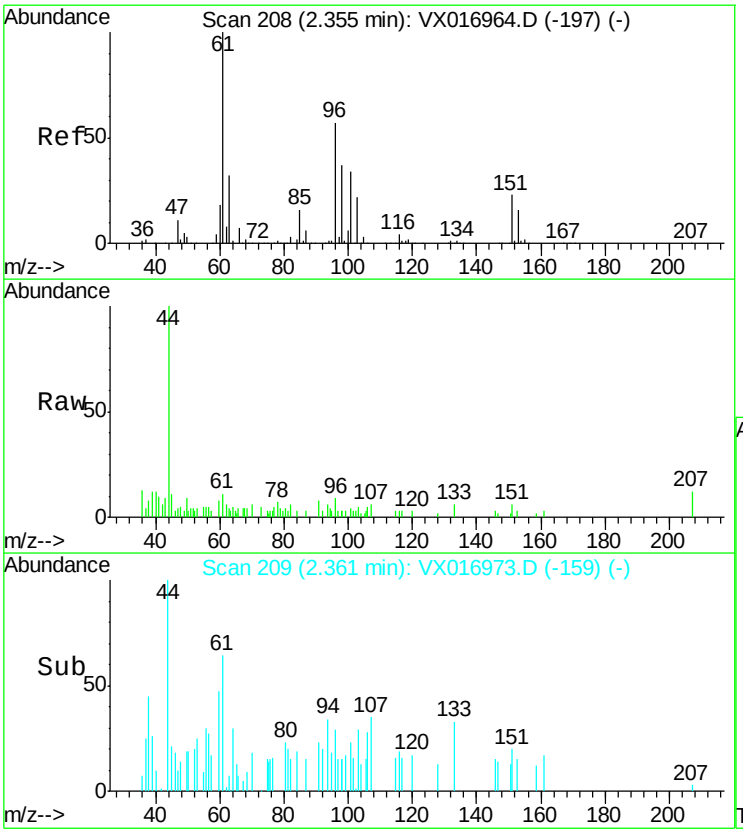
#11
Tert butyl alcohol
Concen: 3.574 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX016973.D
Acq: 26 Jun 2020 11:19

Instrument : MSVOA_X
ClientSampleId : FB_061720

Tgt Ion: 59 Resp: 2052

Ion	Ratio	Lower	Upper
59	100		
57	9.4	8.5	12.7

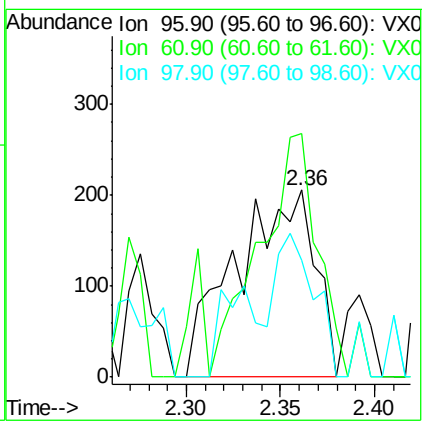


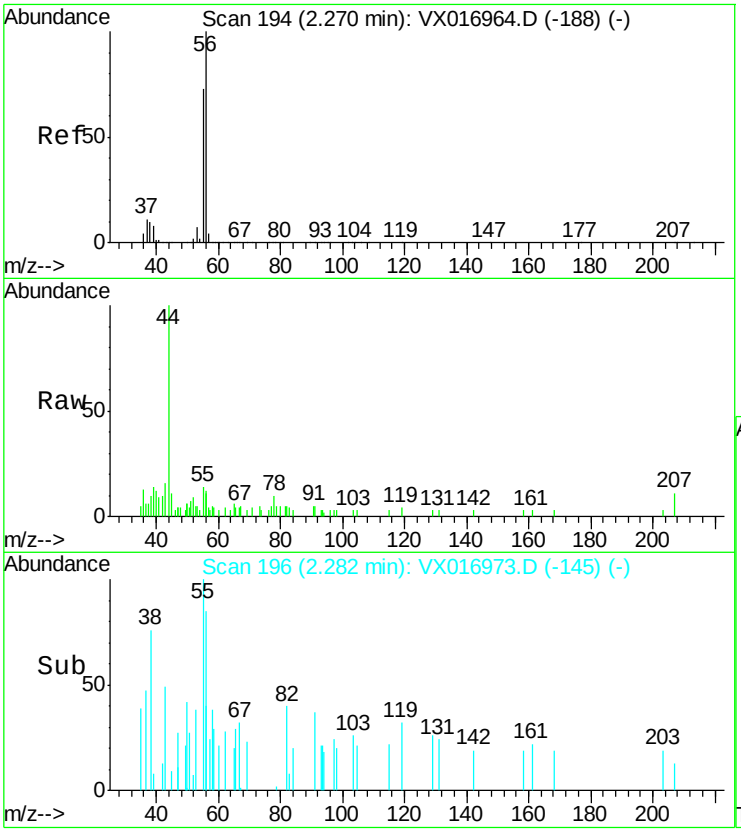


#12
1,1-Dichloroethene
Concen: 0.269 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.01 min
Lab File: VX016973.D
Acq: 26 Jun 2020 11:19

Tgt Ion: 96 Resp: 600

Ion	Ratio	Lower	Upper
96	100		
61	103.9	139.7	209.5#
98	62.1	51.0	76.6



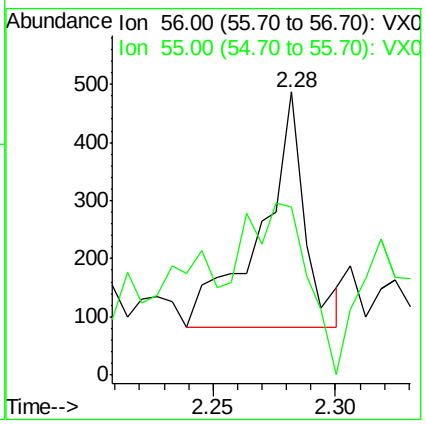


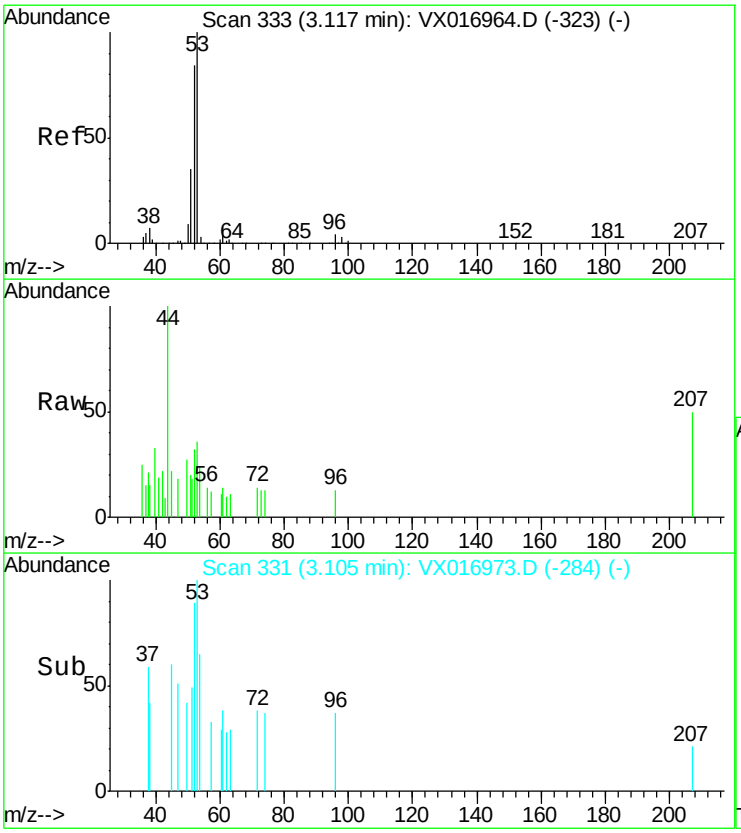
#13
Acrolein
Concen: 1.180 ug/l
RT: 2.28 min Scan# 196
Delta R.T. 0.01 min
Lab File: VX016973.D
Acq: 26 Jun 2020 11:19

Instrument : MSVOA_X
ClientSampleId : FB_061720

Tgt Ion: 56 Resp: 502

Ion	Ratio	Lower	Upper
56	100		
55	111.4	57.5	86.3#

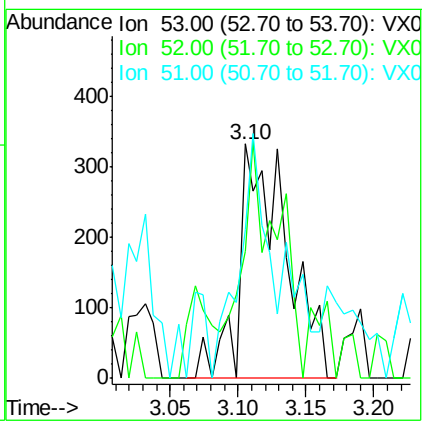


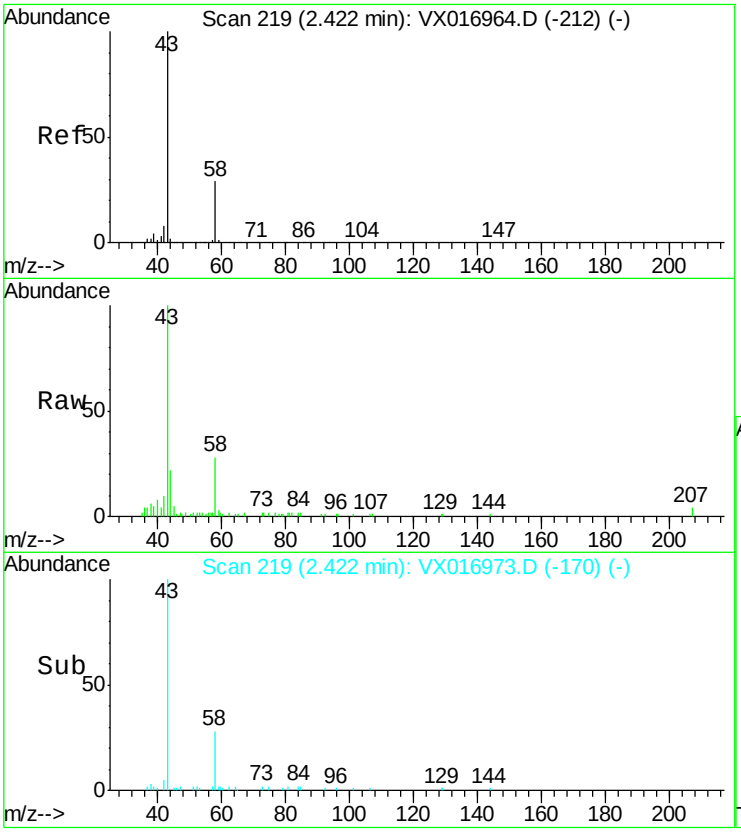


#15
Acrylonitrile
Concen: 0.605 ug/l
RT: 3.10 min Scan# 331
Delta R.T. -0.01 min
Lab File: VX016973.D
Acq: 26 Jun 2020 11:19

Tgt Ion: 53 Resp: 806

Ion	Ratio	Lower	Upper
53	100		
52	76.9	66.3	99.5
51	61.3	29.0	43.6#



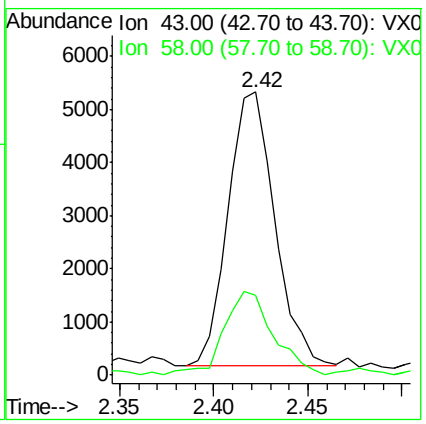


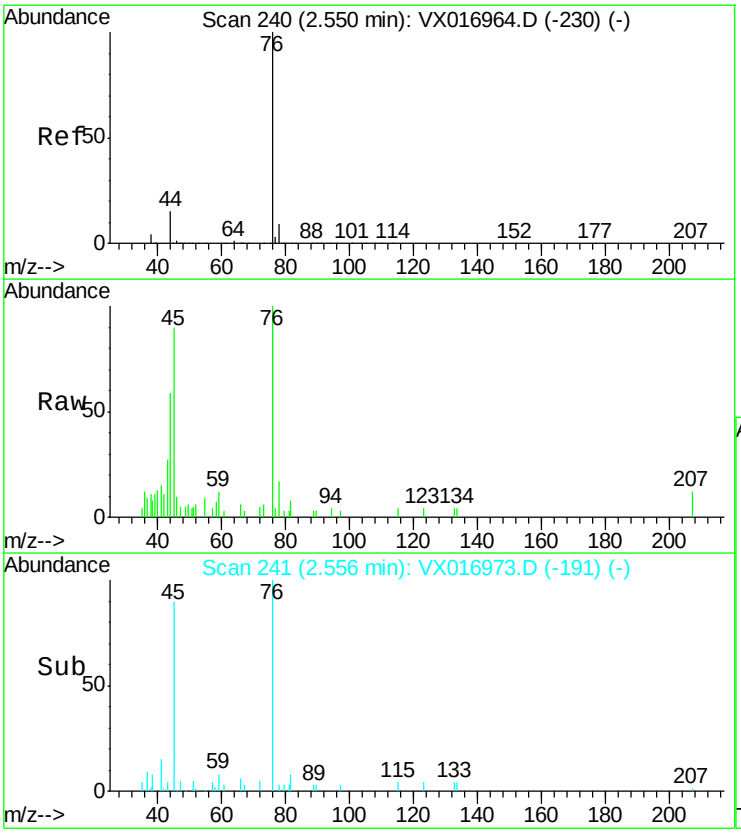
#16
Acetone
Concen: 7.496 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX016973.D
Acq: 26 Jun 2020 11:19

Instrument :
MSVOA_X
ClientSampleId :
FB_061720

Tgt Ion: 43 Resp: 8910

Ion	Ratio	Lower	Upper
43	100		
58	27.9	23.5	35.3

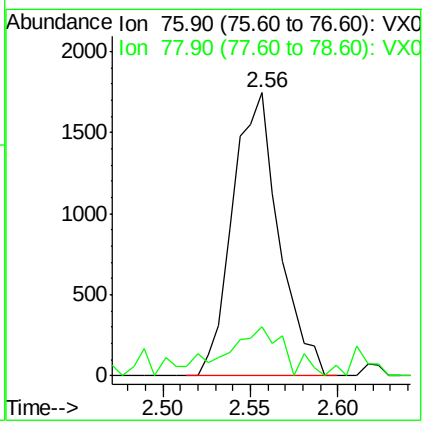


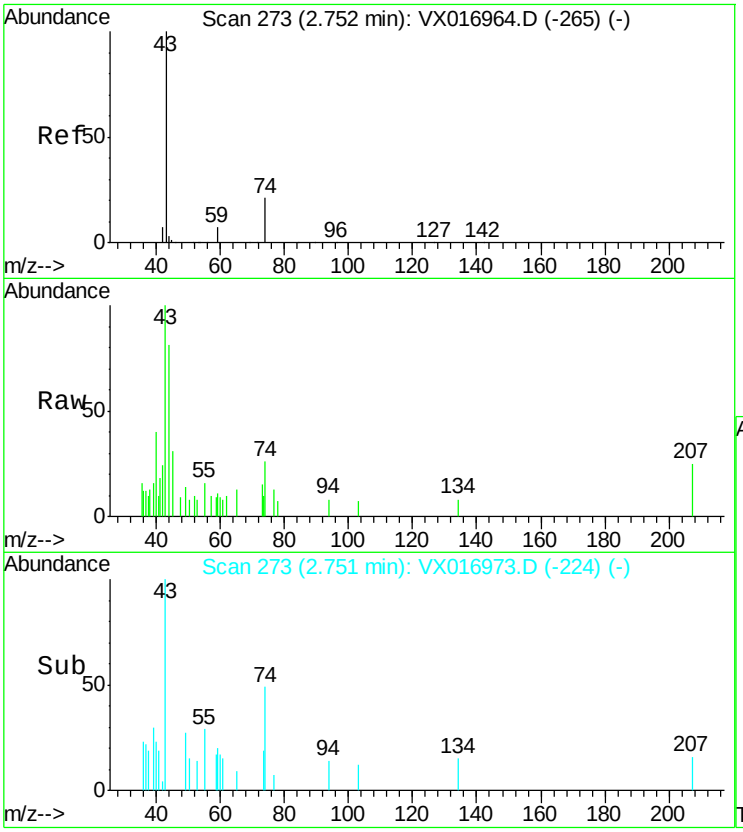


#17
Carbon Disulfide
Concen: 0.453 ug/l
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX016973.D
Acq: 26 Jun 2020 11:19

Tgt Ion: 76 Resp: 3209

Ion	Ratio	Lower	Upper
76	100		
78	13.8	7.0	10.4#



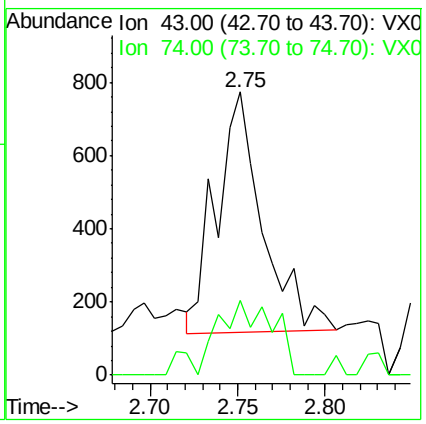


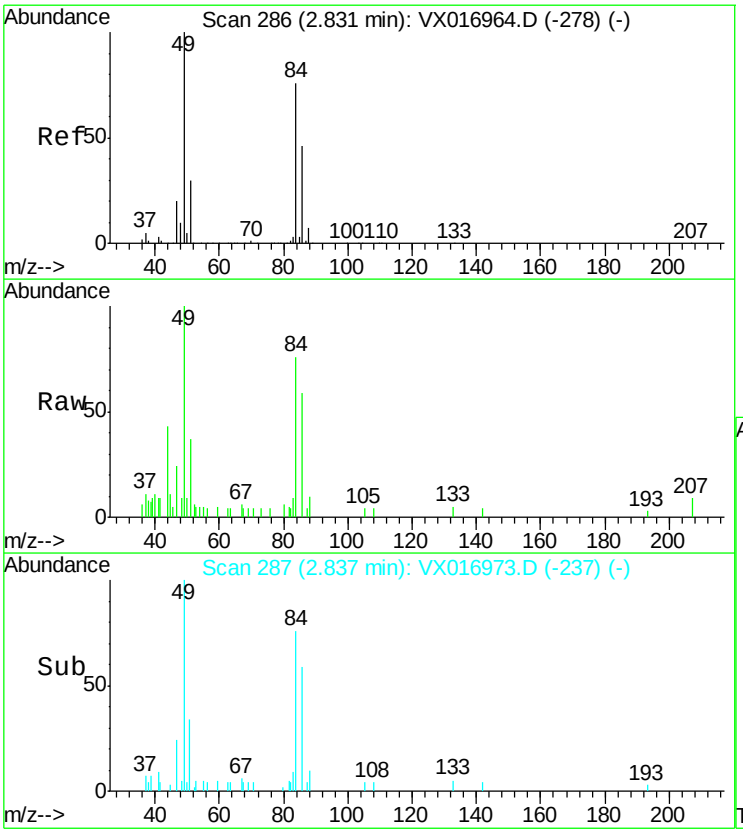
#18
Methyl Acetate
Concen: 0.418 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX016973.D
Acq: 26 Jun 2020 11:19

Instrument : MSVOA_X
ClientSampleId : FB_061720

Tgt Ion: 43 Resp: 1210

Ion	Ratio	Lower	Upper
43	100		
74	39.8	18.3	27.5#

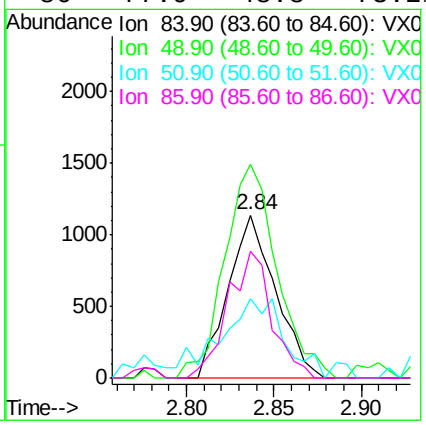


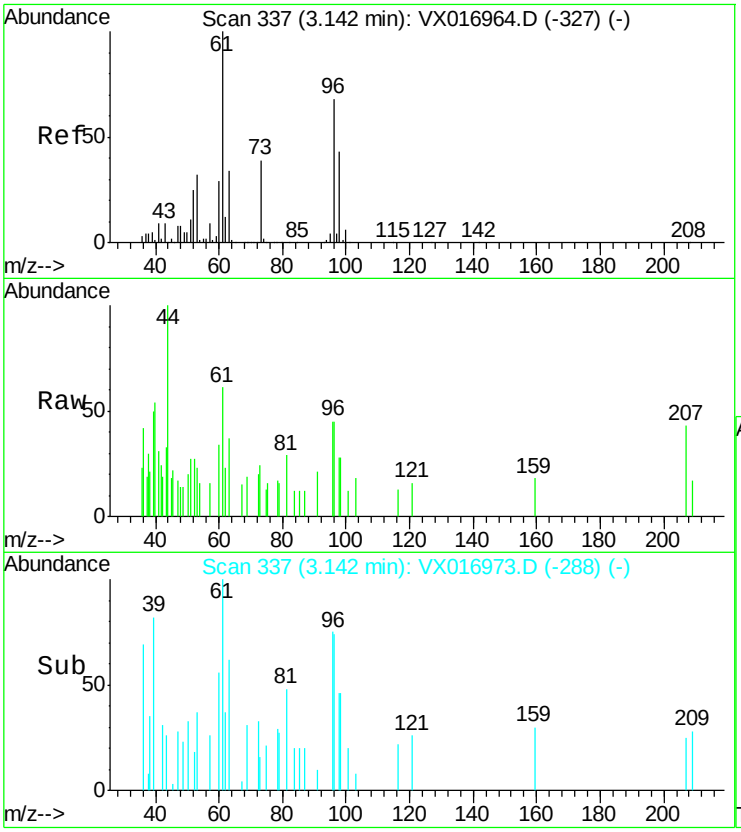


#20
Methylene Chloride
Concen: 0.791 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX016973.D
Acq: 26 Jun 2020 11:19

Tgt Ion: 84 Resp: 2138

Ion	Ratio	Lower	Upper
84	100		
49	131.1	105.6	158.4
51	38.8	31.2	46.8
86	77.9	48.8	73.2#



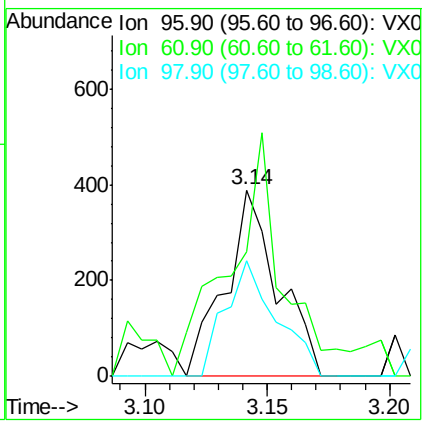


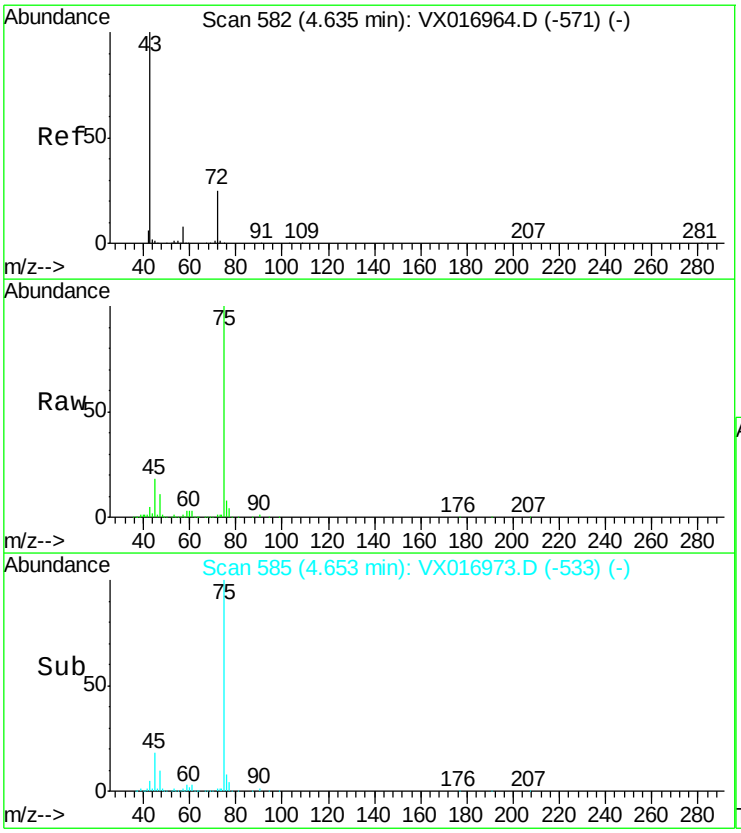
#21
trans-1,2-Dichloroethene
Concen: 0.230 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX016973.D
Acq: 26 Jun 2020 11:19

Instrument :
MSVOA_X
ClientSampleId :
FB_061720

Tgt Ion: 96 Resp: 580

Ion	Ratio	Lower	Upper
96	100		
61	52.7	116.7	175.1#
98	61.7	50.7	76.1

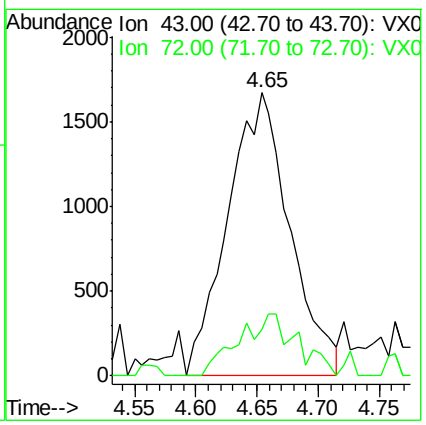


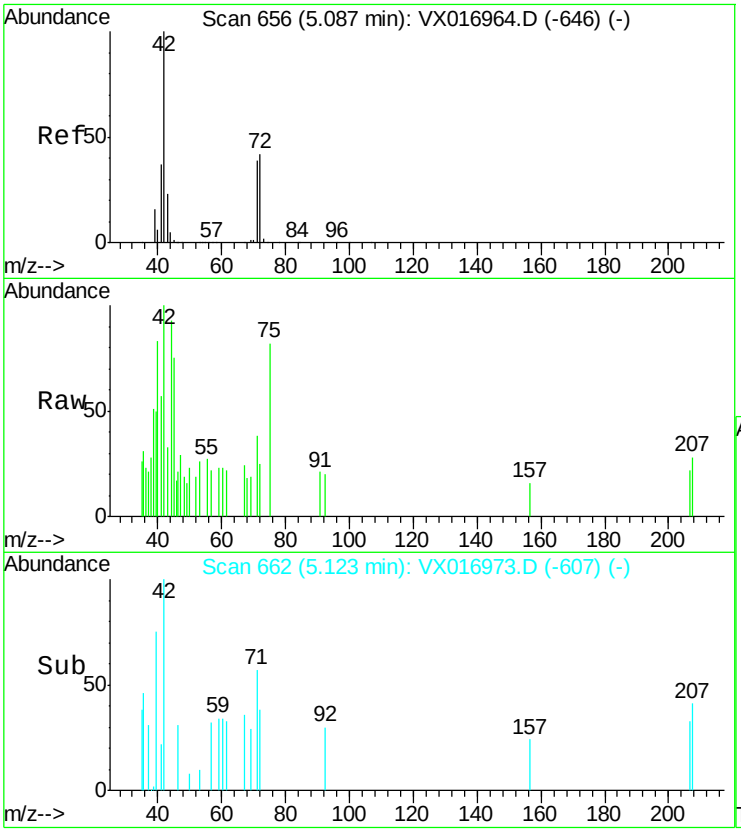


#25
2-Butanone
Concen: 3.258 ug/l
RT: 4.65 min Scan# 585
Delta R.T. 0.02 min
Lab File: VX016973.D
Acq: 26 Jun 2020 11:19

Tgt Ion: 43 Resp: 5903

Ion	Ratio	Lower	Upper
43	100		
72	16.6	20.0	30.0#



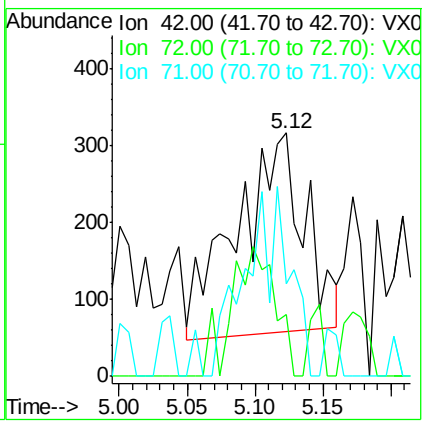


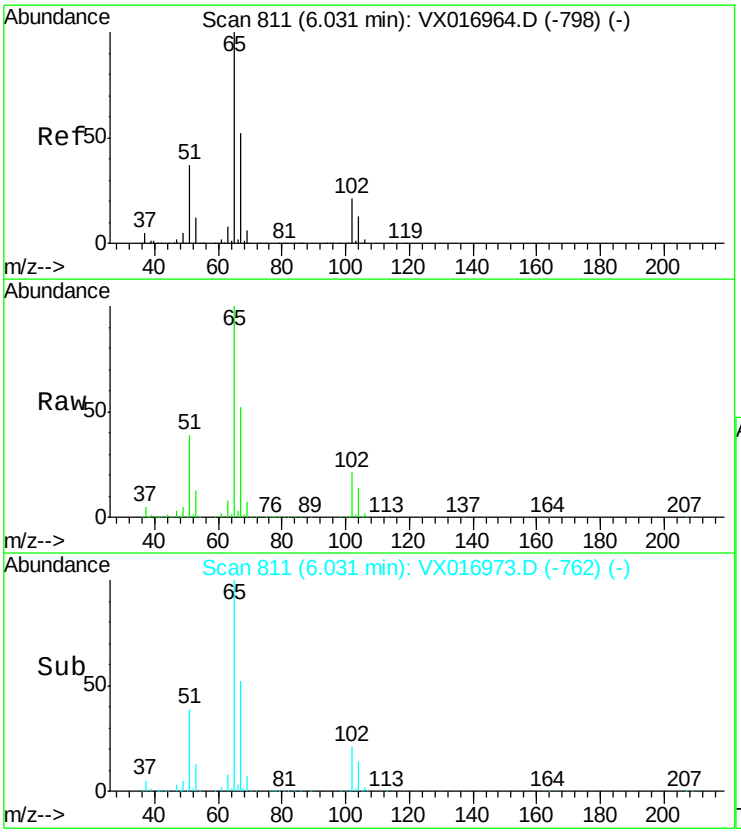
#29
Tetrahydrofuran
Concen: 0.764 ug/l
RT: 5.12 min Scan# 662
Delta R.T. 0.04 min
Lab File: VX016973.D
Acq: 26 Jun 2020 11:19

Instrument :
MSVOA_X
ClientSampleId :
FB_061720

Tgt Ion: 42 Resp: 910

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.1	51.1#
71	0.0	32.1	48.1#

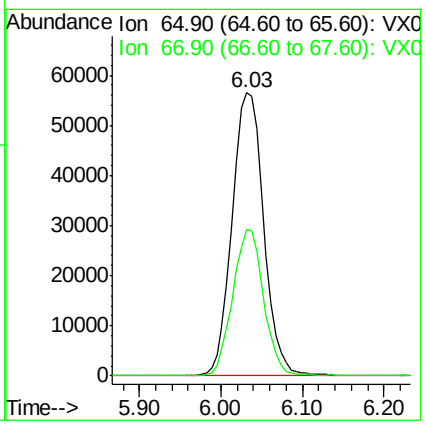


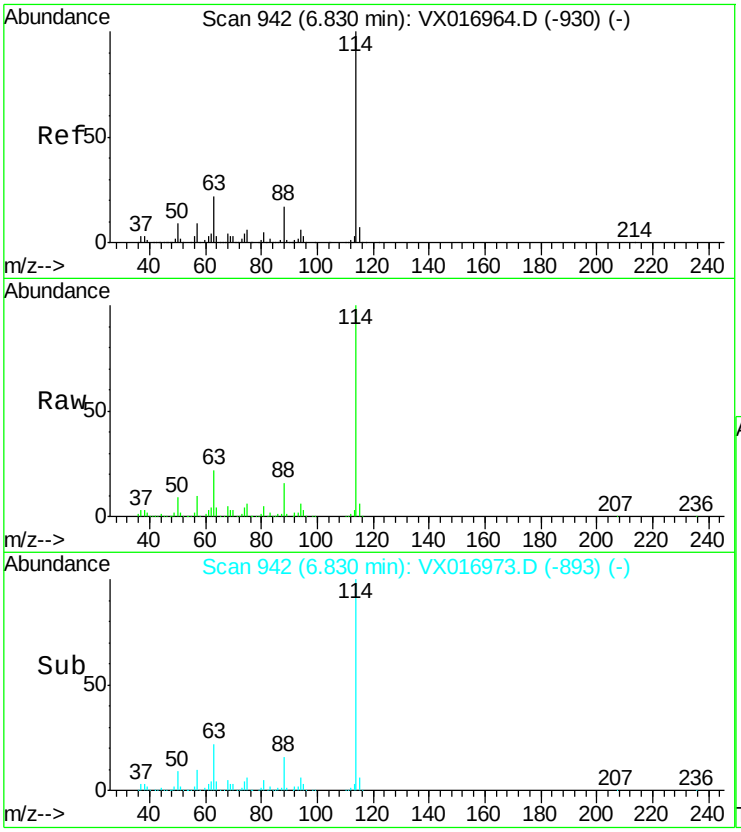


#33
1,2-Dichloroethane-d4
Concen: 49.920 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016973.D
Acq: 26 Jun 2020 11:19

Tgt Ion: 65 Resp: 151804

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	102.8



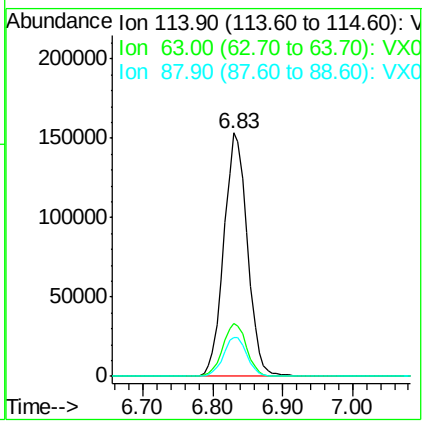


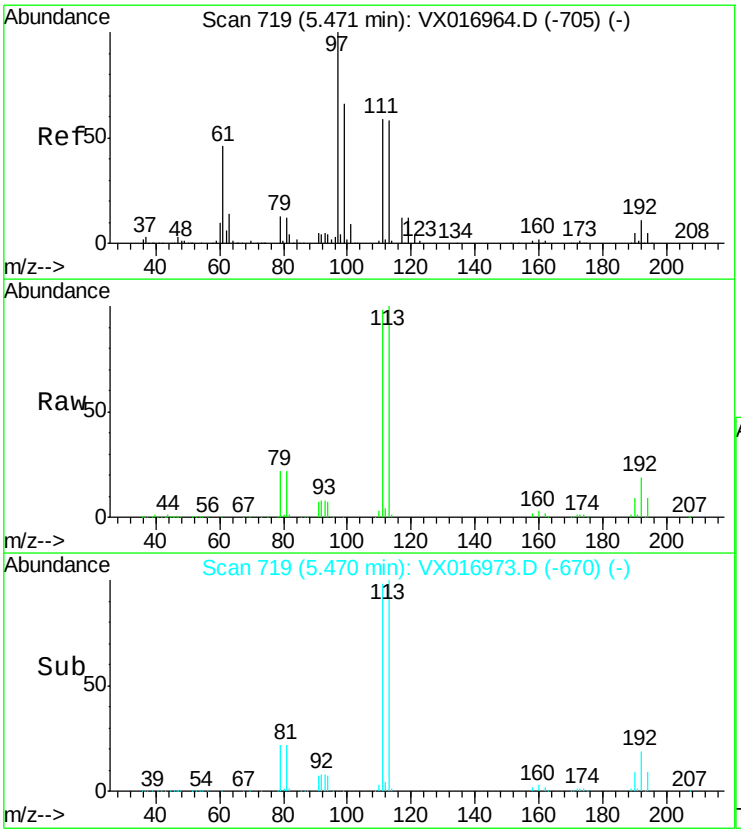
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX016973.D
Acq: 26 Jun 2020 11:19

Instrument :
MSVOA_X
ClientSampleId :
FB_061720

Tgt Ion:114 Resp: 358982

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	44.4
88	15.9	0.0	33.2

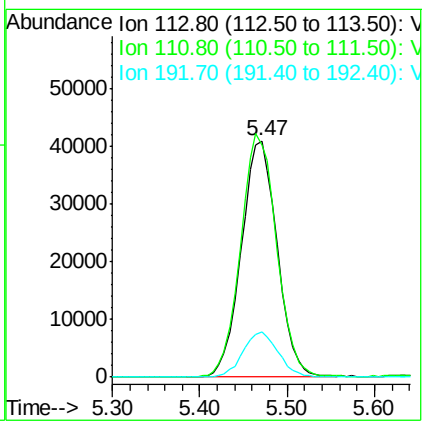


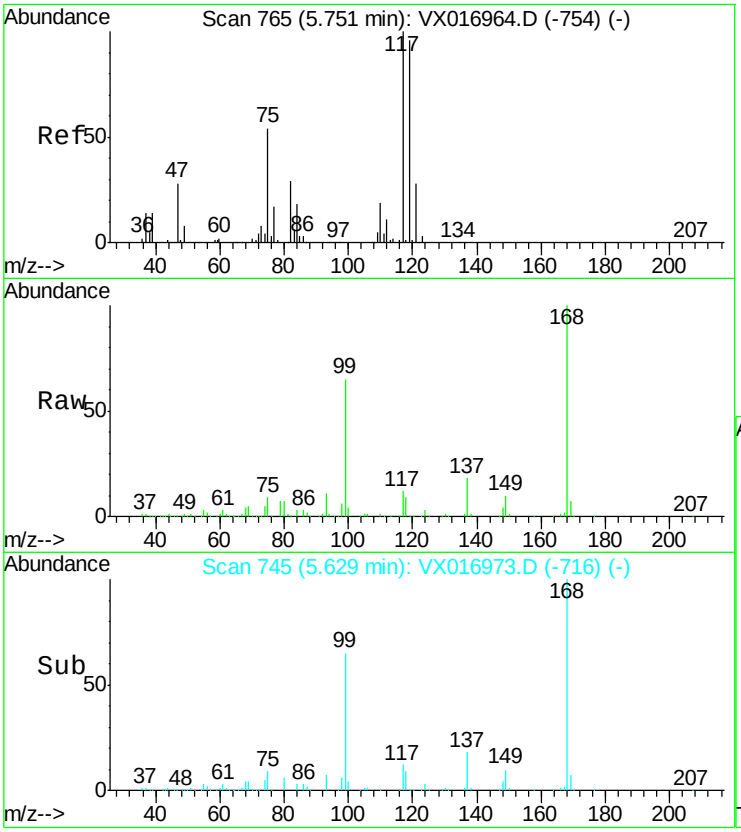


#35
Dibromofluoromethane
Concen: 49.246 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016973.D
Acq: 26 Jun 2020 11:19

Tgt Ion:113 Resp: 116762

Ion	Ratio	Lower	Upper
113	100		
111	103.6	84.3	126.5
192	19.0	15.2	22.8



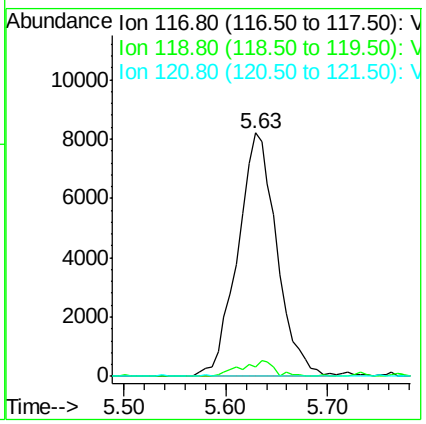


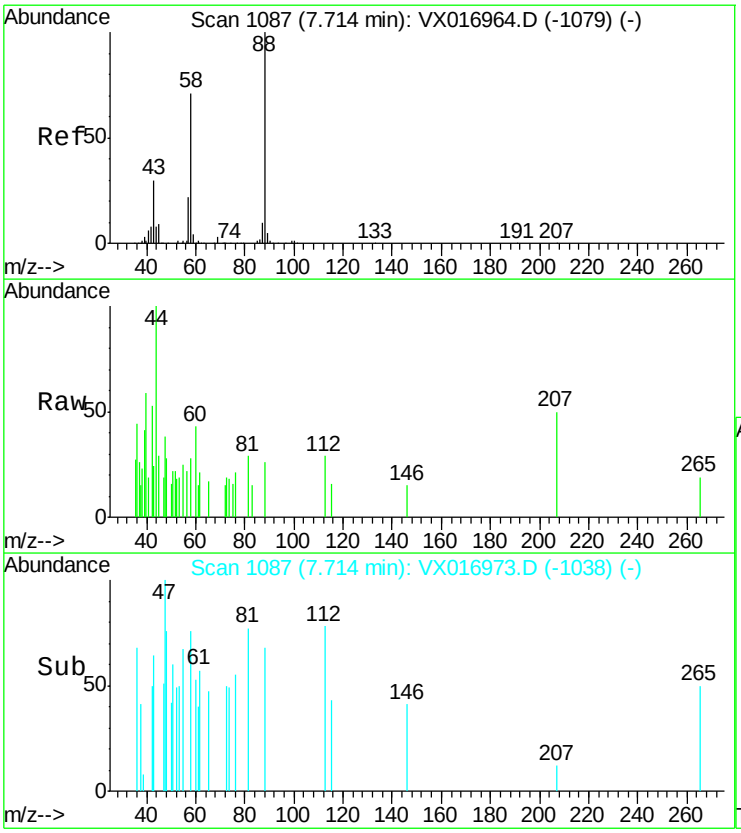
#38
Carbon Tetrachloride
Concen: 5.821 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX016973.D
Acq: 26 Jun 2020 11:19

Instrument : MSVOA_X
ClientSampleId : FB_061720

Tgt Ion:117 Resp: 21899

Ion	Ratio	Lower	Upper
117	100		
119	3.9	76.6	114.8#
121	0.0	22.5	33.7#

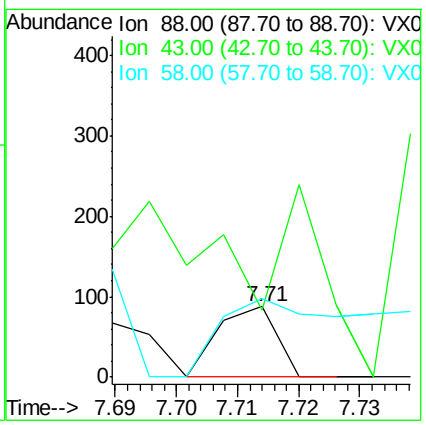


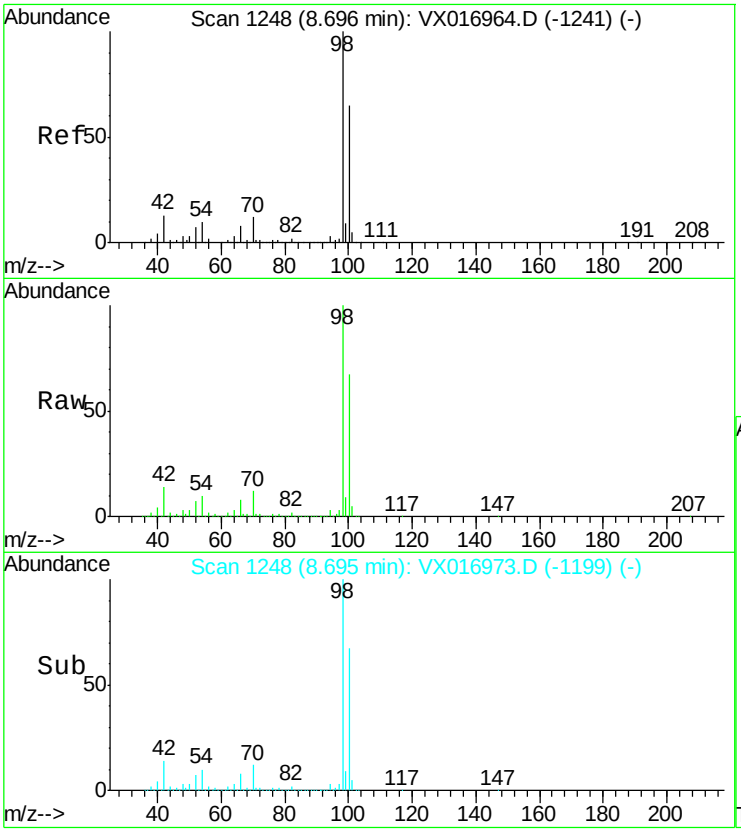


#49
1,4-Dioxane
Concen: 0.929 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016973.D
Acq: 26 Jun 2020 11:19

Tgt Ion: 88 Resp: 58

Ion	Ratio	Lower	Upper
88	100		
43	0.0	28.1	42.1#
58	308.6	56.1	84.1#



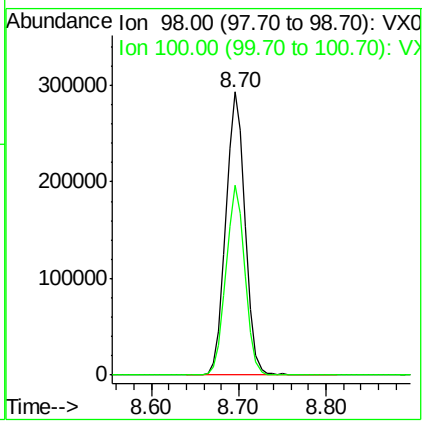


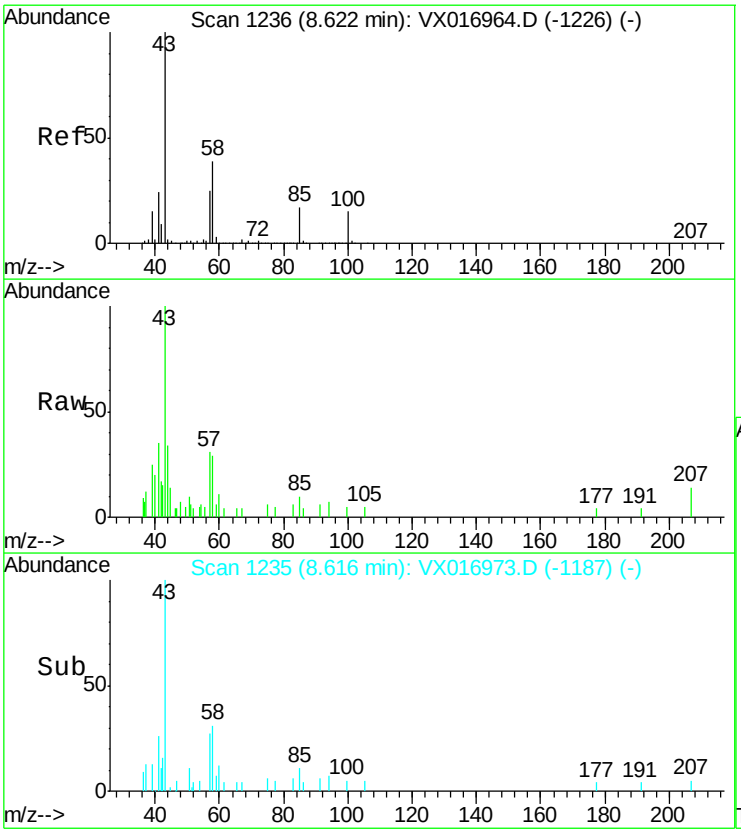
#50
Toluene-d8
Concen: 51.599 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016973.D
Acq: 26 Jun 2020 11:19

Instrument :
MSVOA_X
ClientSampleId :
FB_061720

Tgt Ion: 98 Resp: 448447

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.2	78.2

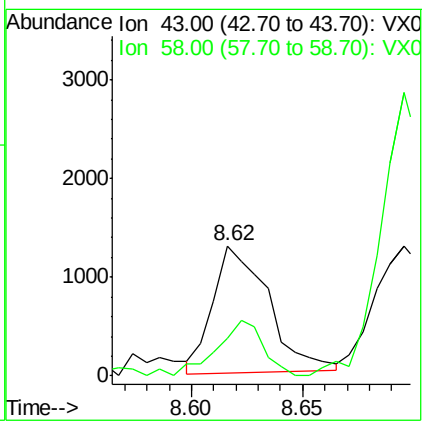


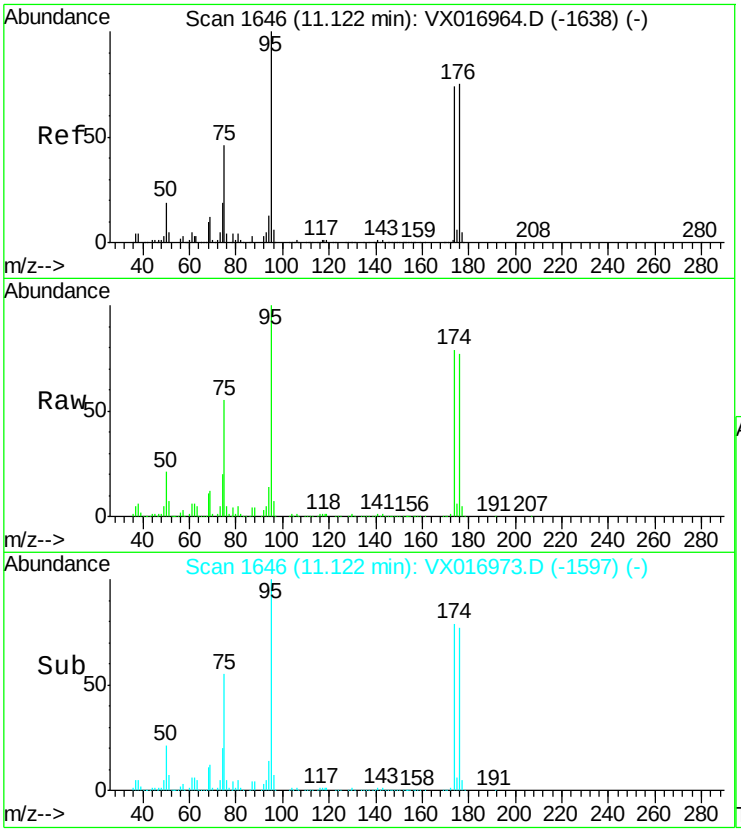


#51
4-Methyl-2-Pentanone
Concen: 0.606 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX016973.D
Acq: 26 Jun 2020 11:19

Tgt Ion: 43 Resp: 2228

Ion	Ratio	Lower	Upper
43	100		
58	37.6	30.4	45.6



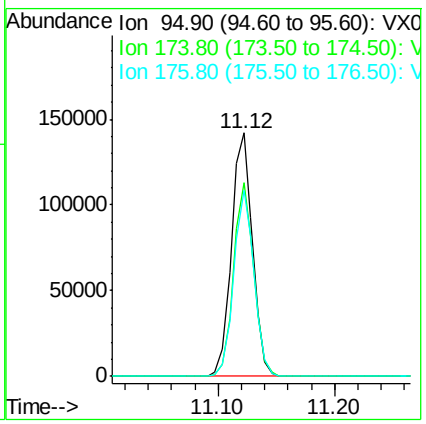


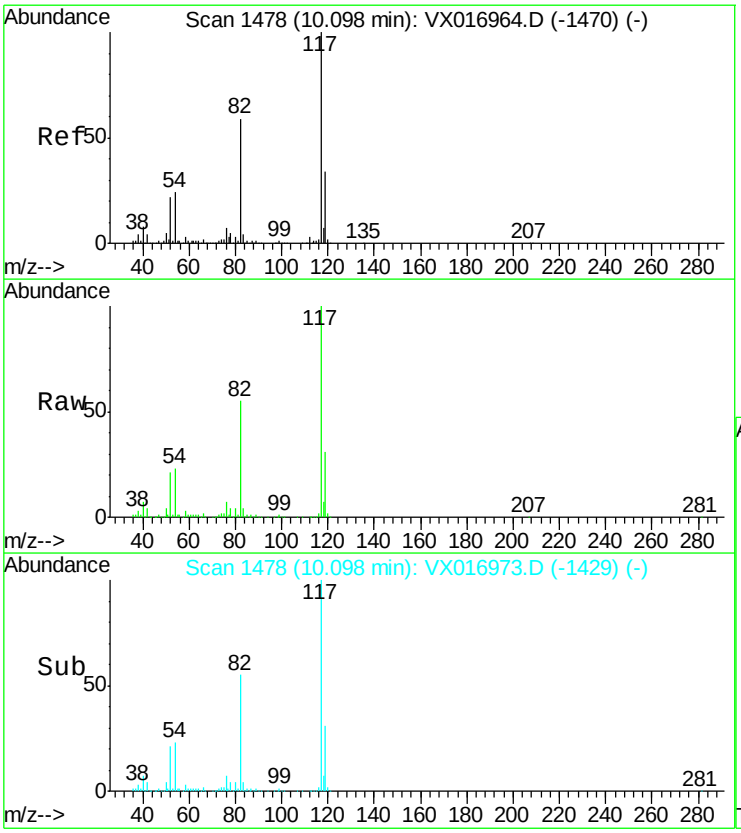
#62
4-Bromofluorobenzene
Concen: 52.991 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016973.D
Acq: 26 Jun 2020 11:19

Instrument :
MSVOA_X
ClientSampleId :
FB_061720

Tgt Ion: 95 Resp: 178091

Ion	Ratio	Lower	Upper
95	100		
174	76.1	0.0	149.6
176	73.7	0.0	148.2

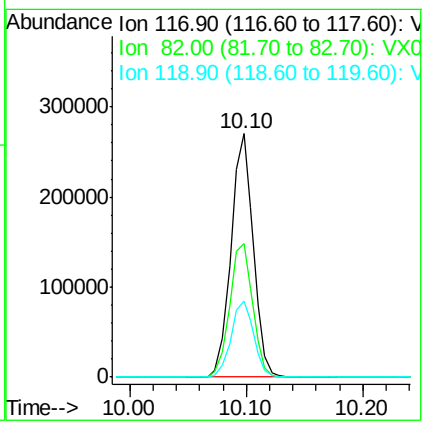


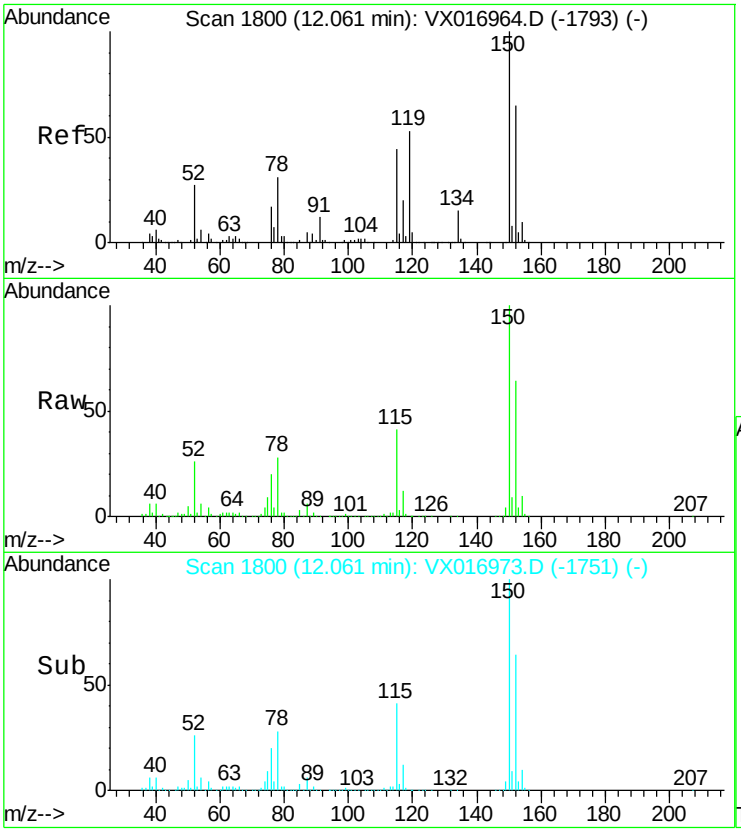


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016973.D
Acq: 26 Jun 2020 11:19

Tgt Ion:117 Resp: 357758

Ion	Ratio	Lower	Upper
117	100		
82	54.9	46.8	70.2
119	31.2	27.3	40.9



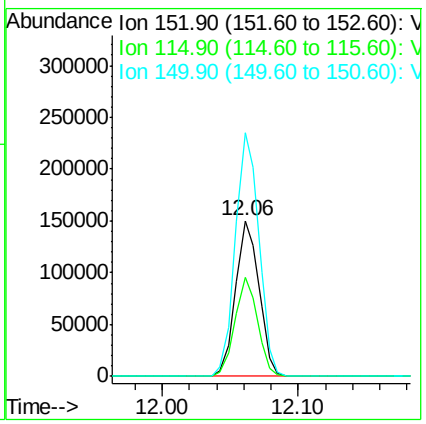


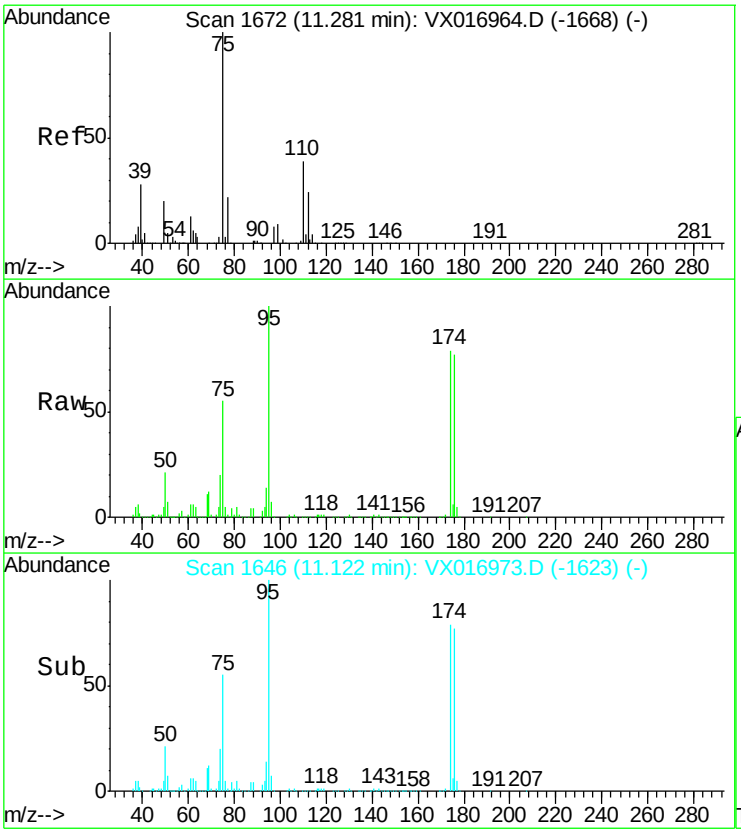
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016973.D
Acq: 26 Jun 2020 11:19

Instrument :
MSVOA_X
ClientSampleId :
FB_061720

Tgt Ion:152 Resp: 180693

Ion	Ratio	Lower	Upper
152	100		
115	61.5	42.8	128.4
150	157.2	0.0	347.8

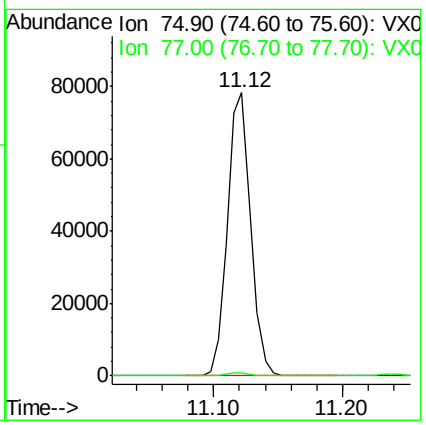


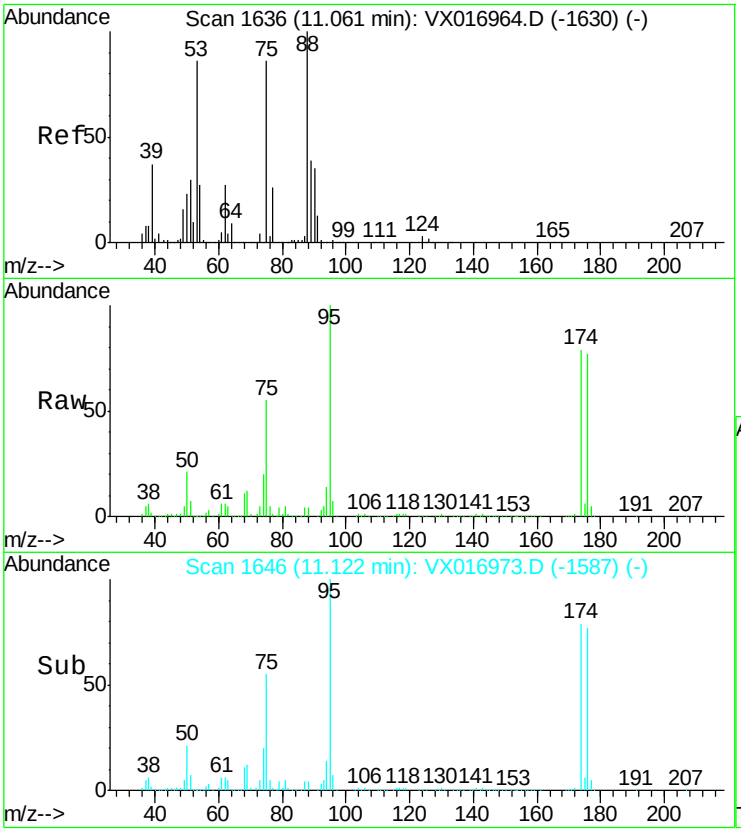


#76
1,2,3-Trichloropropane
Concen: 26.076 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX016973.D
Acq: 26 Jun 2020 11:19

Tgt Ion: 75 Resp: 98881

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.3	61.0#



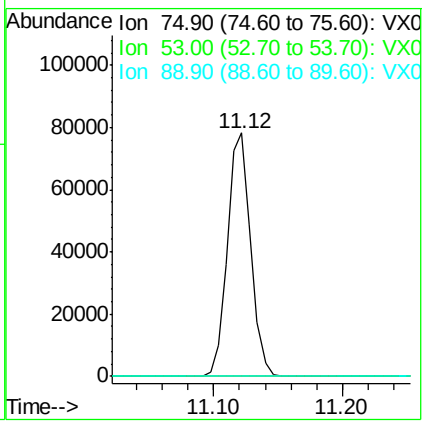


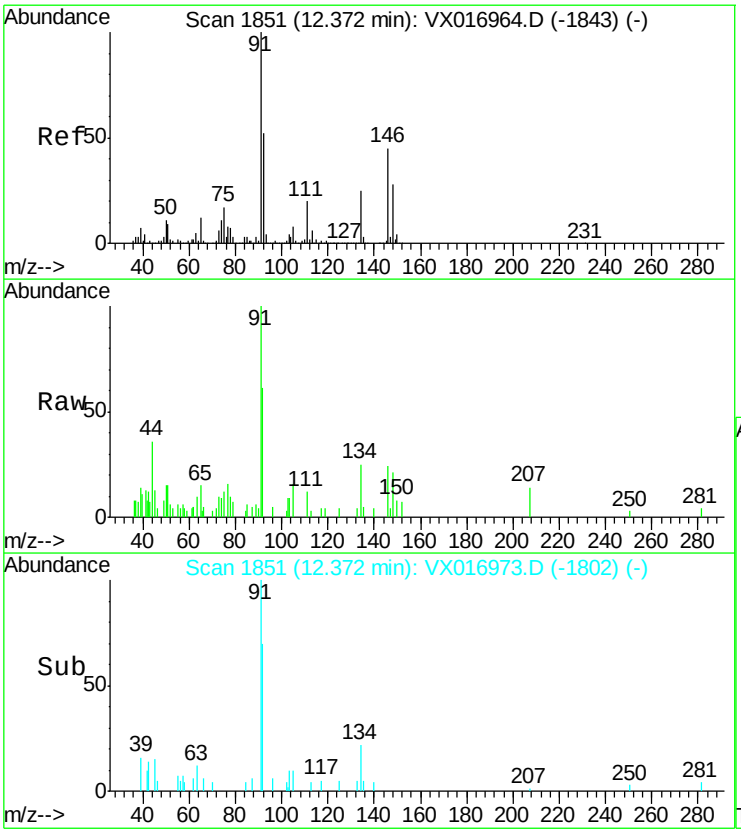
#81
trans-1,4-Dichloro-2-butene
Concen: 66.203 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX016973.D
Acq: 26 Jun 2020 11:19

Instrument : MSVOA_X
ClientSampleId : FB_061720

Tgt Ion: 75 Resp: 98881

Ion	Ratio	Lower	Upper
75	100		
53	0.5	81.9	122.9#
89	0.0	35.5	53.3#

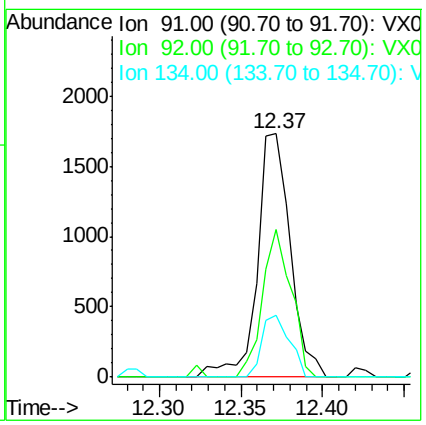


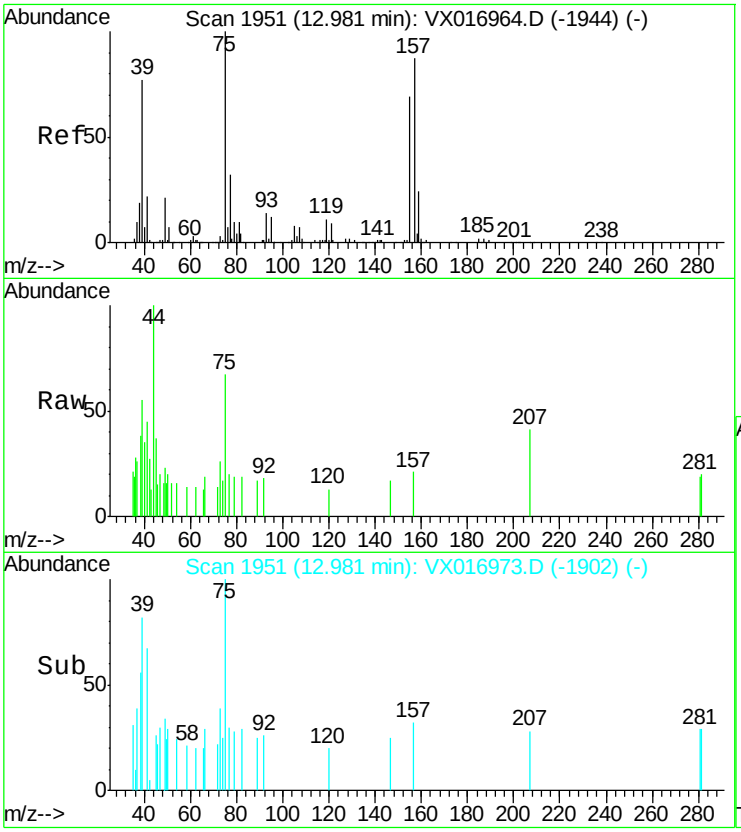


#89
n-Butylbenzene
Concen: 0.241 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016973.D
Acq: 26 Jun 2020 11:19

Tgt Ion: 91 Resp: 2435

Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.6	79.7
134	21.3	12.6	37.8



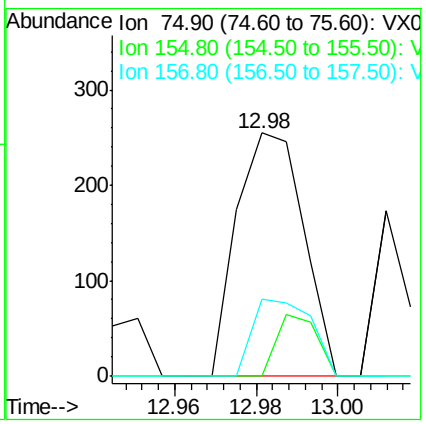


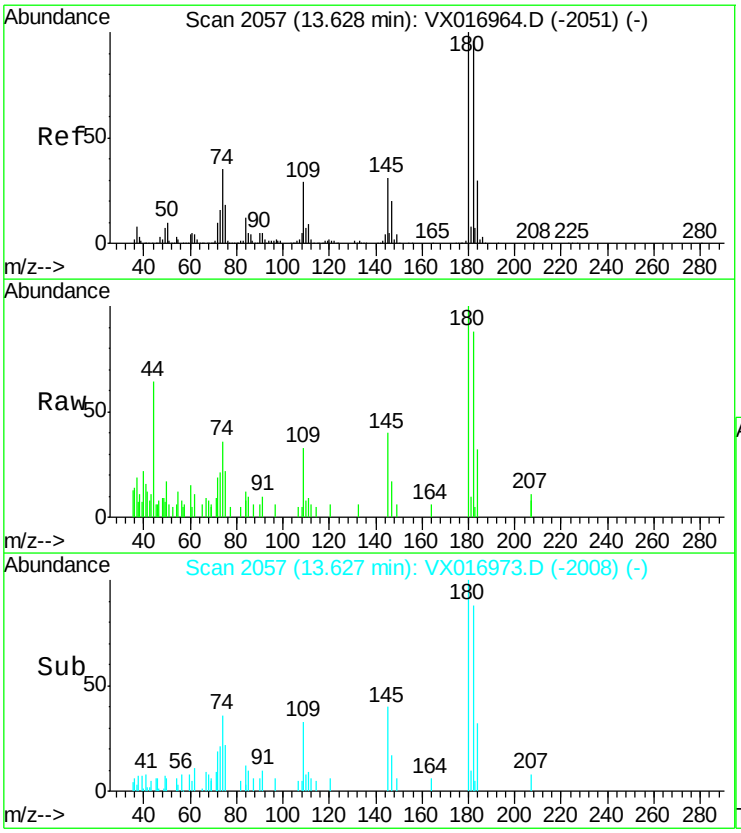
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.303 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX016973.D
Acq: 26 Jun 2020 11:19

Instrument :
MSVOA_X
ClientSampleId :
FB_061720

Tgt Ion: 75 Resp: 290

Ion	Ratio	Lower	Upper
75	100		
155	15.5	39.0	117.0#
157	27.6	50.0	150.1#

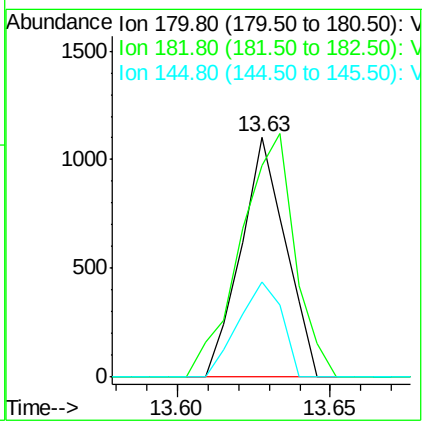


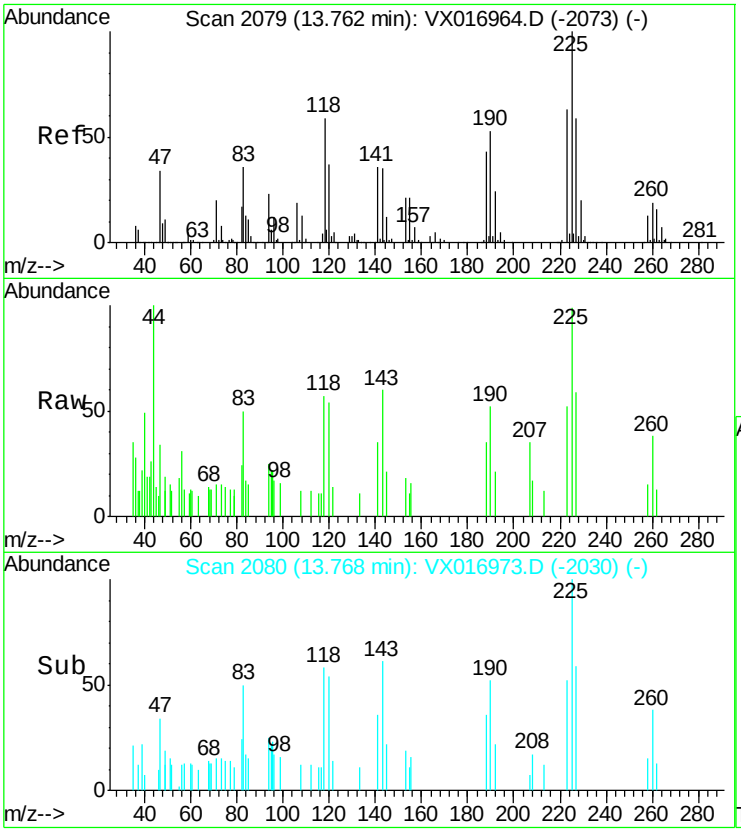


#93
1,2,4-Trichlorobenzene
Concen: 0.312 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX016973.D
Acq: 26 Jun 2020 11:19

Tgt Ion:180 Resp: 1116

Ion	Ratio	Lower	Upper
180	100		
182	123.7	46.4	139.1
145	38.7	15.5	46.5



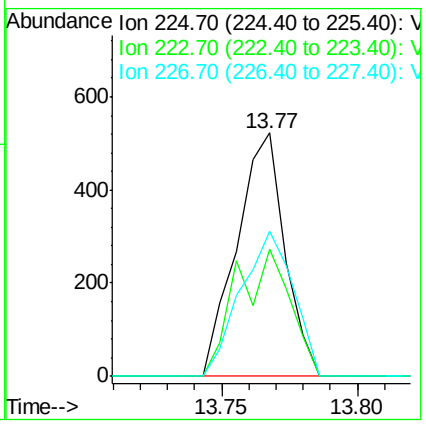


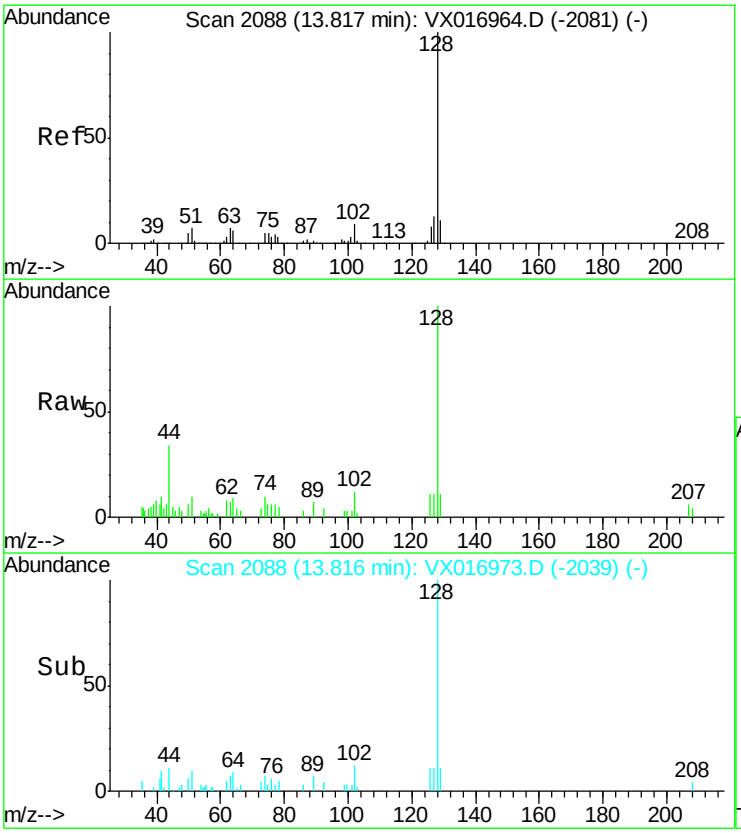
#94
Hexachlorobutadiene
Concen: 0.497 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX016973.D
Acq: 26 Jun 2020 11:19

Instrument :
MSVOA_X
ClientSampleId :
FB_061720

Tgt Ion:225 Resp: 638

Ion	Ratio	Lower	Upper
225	100		
223	58.3	31.1	93.2
227	64.7	30.3	90.9

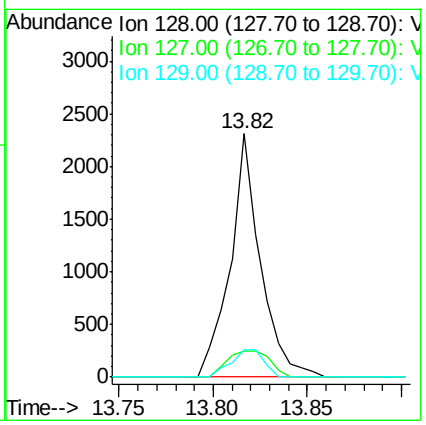


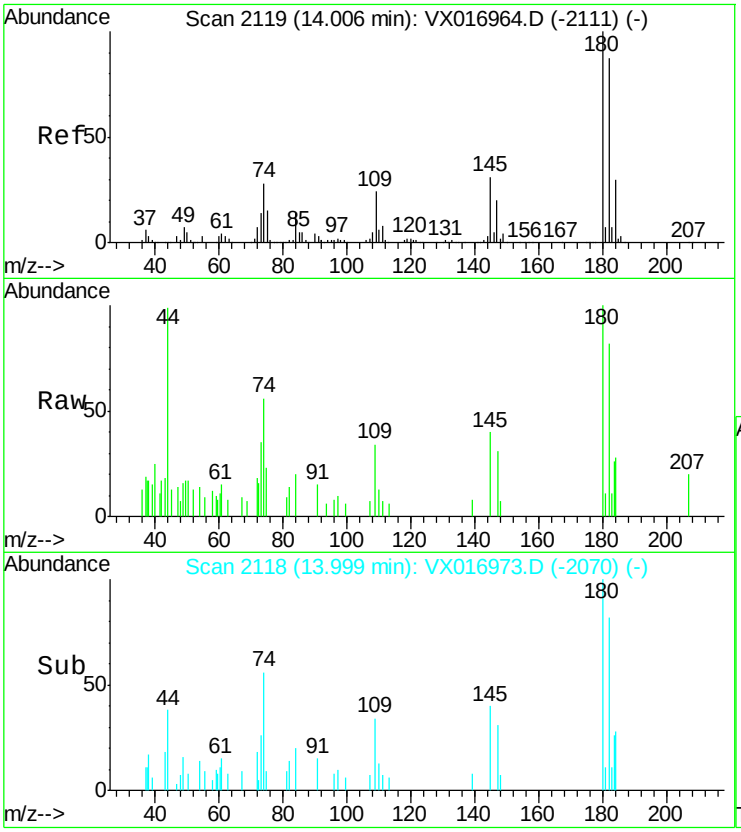


#95
Naphthalene
Concen: 0.218 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016973.D
Acq: 26 Jun 2020 11:19

Tgt Ion:128 Resp: 2560

Ion	Ratio	Lower	Upper
128	100		
127	15.5	10.6	15.8
129	12.3	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 0.371 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX016973.D
Acq: 26 Jun 2020 11:19

Instrument :
MSVOA_X
ClientSampleId :
FB_061720

Tgt Ion:180 Resp: 1274

Ion	Ratio	Lower	Upper
180	100		
182	80.1	47.8	143.3
145	29.7	16.9	50.6