Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052620\
Data File : VX016438.D
Acq On : 26 May 2020 20:20
Operator : JC/SP
Sample : PB129074ZHE#05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: May 27 05:25:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
Quant Title : SW846 8260
QLast Update : Tue May 26 16:32:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	103267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	191165	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	204466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	99053	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	76201	56.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.94%			
35) Dibromofluoromethane	5.47	113	58901	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.34%			
50) Toluene-d8	8.70	98	256242	56.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.78%			
62) 4-Bromofluorobenzene	11.12	95	100155	59.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 119.84%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	375	0.366	ug/l #	82
5) Bromomethane	1.64	94	318	3.087	ug/l #	4
10) Methyl Iodide	2.27	142	20	5.703	ug/l #	39
11) Tert butyl alcohol	2.99	59	926	2.995	ug/l #	78
13) Acrolein	2.26	56	290	Below Cal		99
15) Acrylonitrile	3.13	53	206	0.335	ug/l #	46
16) Acetone	2.42	43	9147	17.168	ug/l	99
17) Carbon Disulfide	2.55	76	768	0.259	ug/l #	75
18) Methyl Acetate	2.75	43	1934	1.488	ug/l	98
20) Methylene Chloride	2.84	84	2358	2.052	ug/l #	94
25) 2-Butanone	4.65	43	1639	1.893	ug/l	94
29) Tetrahydrofuran	5.10	42	203	0.362	ug/l #	52
36) 1,1-Dichloropropene	5.63	75	9052	5.341	ug/l #	52
38) Carbon Tetrachloride	5.62	117	10846	5.905	ug/l #	14
43) Isopropyl Acetate	6.42	43	39542	13.161	ug/l	99
48) Methyl methacrylate	7.66	41	2018	1.474	ug/l #	12
49) 1,4-Dioxane	7.75	88	19	0.539	ug/l #	1
51) 4-Methyl-2-Pentanone	8.59	43	38955	20.516	ug/l #	46
54) cis-1,3-Dichloropropene	8.60	75	18231	8.381	ug/l #	60
56) Ethyl methacrylate	9.29	69	628	0.315	ug/l #	1
57) 1,3-Dichloropropane	9.52	76	3166	1.443	ug/l #	45
59) 2-Hexanone	9.52	43	40032	27.381	ug/l #	51
74) N-amyl acetate	10.81	43	1935	0.680	ug/l #	51
76) 1,2,3-Trichloropropane	11.12	75	51776	25.185	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.49	105	2016	0.361	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.12	75	51776	60.563	ug/l #	14

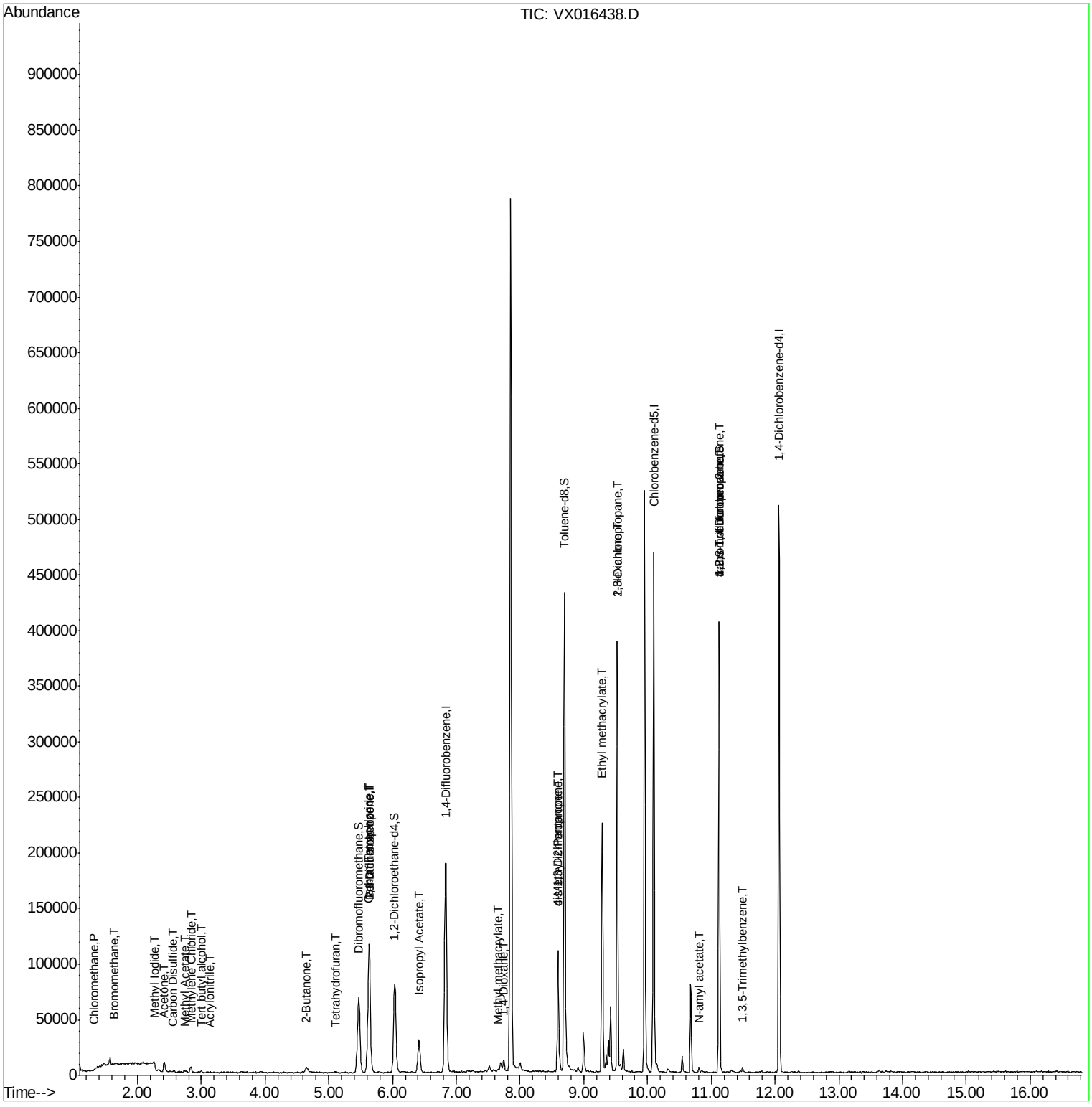
(#) = qualifier out of range (m) = manual integration (+) = signals summed

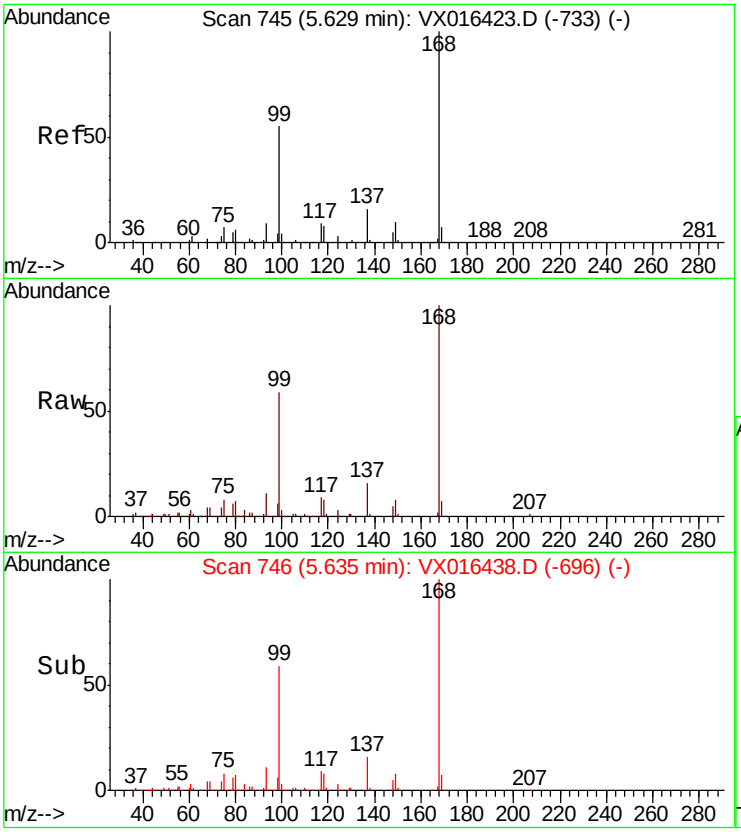
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052620\
Data File : VX016438.D
Acq On : 26 May 2020 20:20
Operator : JC/SP
Sample : PB129074ZHE#05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 27 05:25:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
Quant Title : SW846 8260
QLast Update : Tue May 26 16:32:50 2020
Response via : Initial Calibration



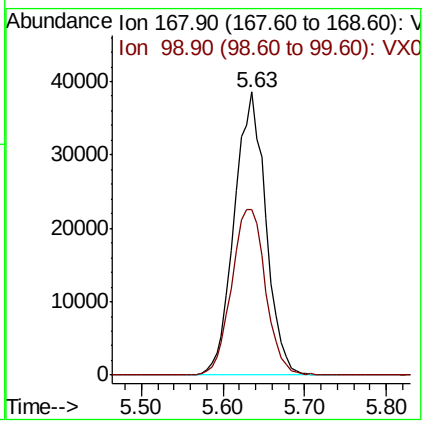


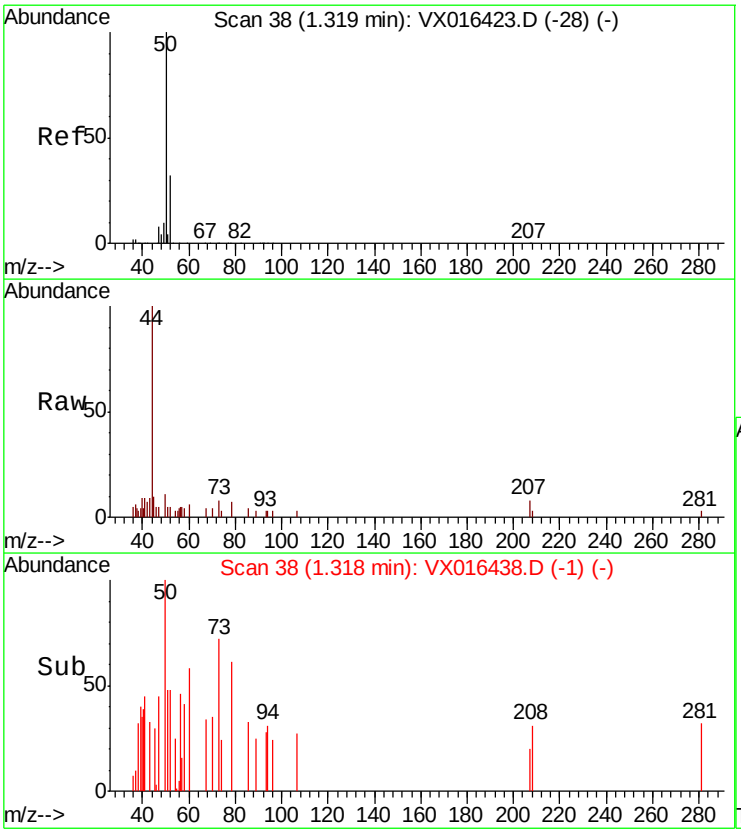
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 746
Delta R.T. 0.01 min
Lab File: VX016438.D
Acq: 26 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 103267

Ion	Ratio	Lower	Upper
168	100		
99	58.6	44.4	66.6

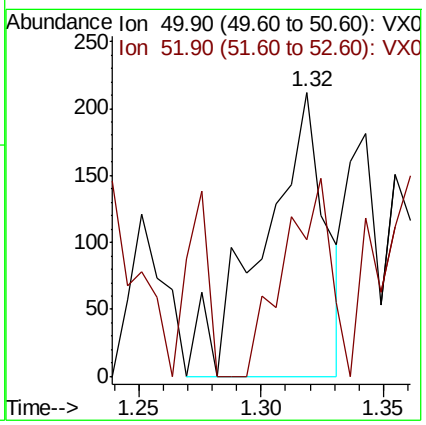


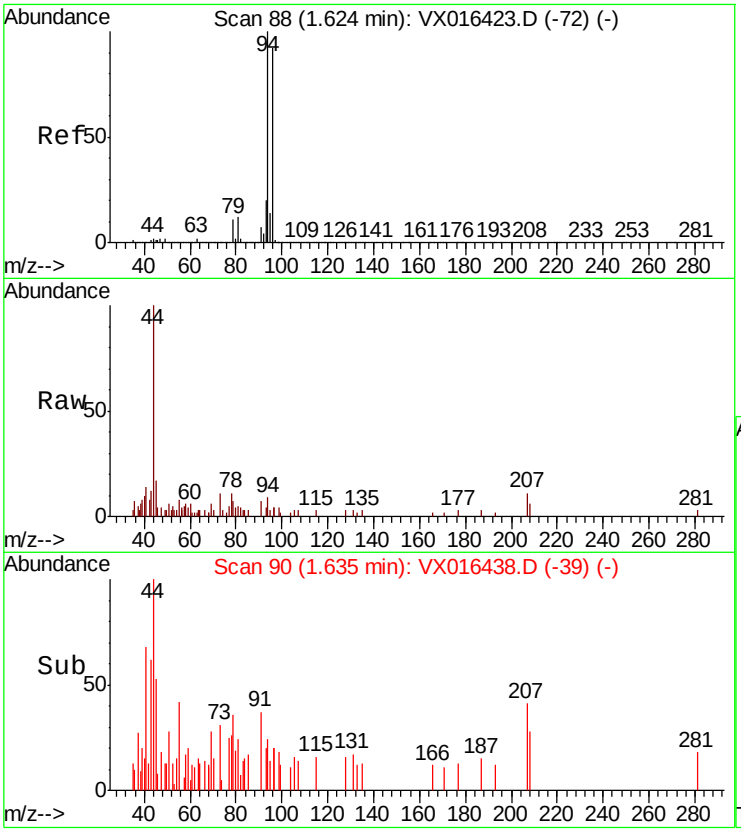


#3
Chloromethane
Concen: 0.366 ug/l
RT: 1.32 min Scan# 38
Delta R.T. -0.00 min
Lab File: VX016438.D
Acq: 26 May 2020 20:20

Tgt Ion: 50 Resp: 375

Ion	Ratio	Lower	Upper
50	100		
52	22.2	25.9	38.9#



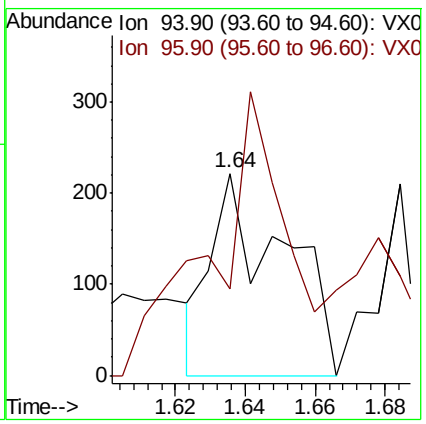


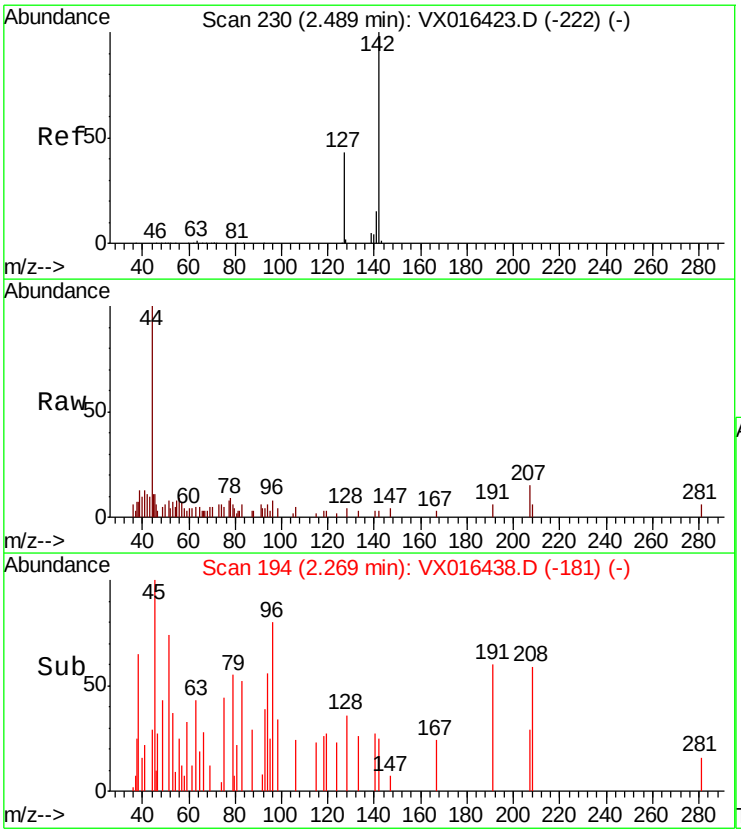
#5
Bromomethane
Concen: 3.087 ug/l
RT: 1.64 min Scan# 90
Delta R.T. 0.01 min
Lab File: VX016438.D
Acq: 26 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 318

Ion	Ratio	Lower	Upper
94	100		
96	0.9	73.7	110.5#

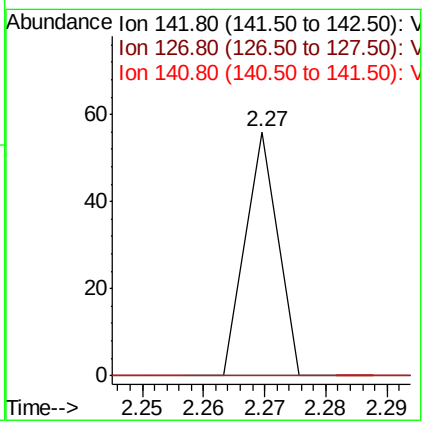


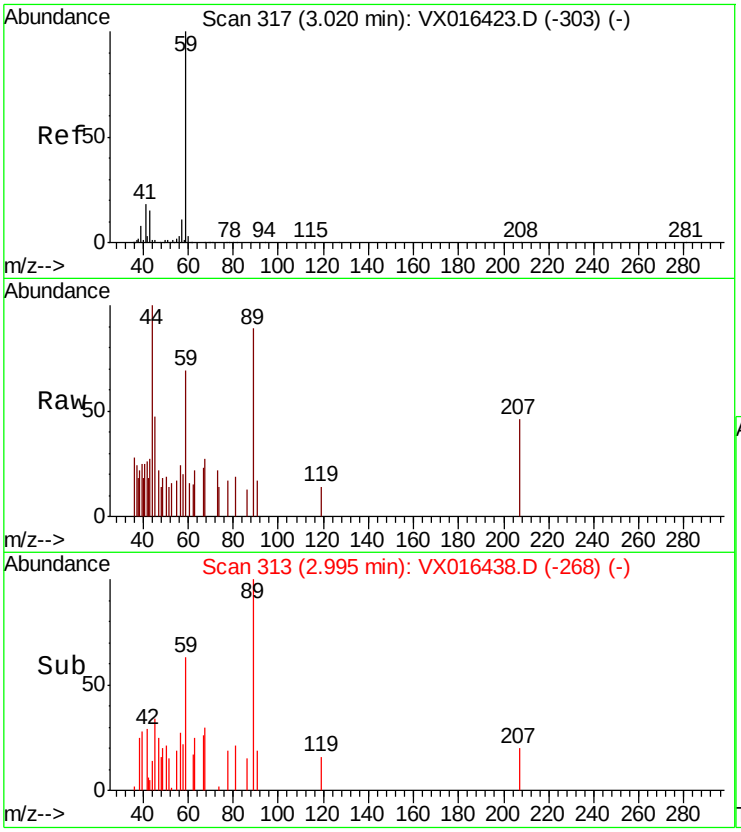


#10
Methyl Iodide
Concen: 5.703 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.22 min
Lab File: VX016438.D
Acq: 26 May 2020 20:20

Tgt Ion:142 Resp: 20

Ion	Ratio	Lower	Upper
142	100		
127	0.0	36.2	54.4#
141	0.0	12.2	18.2#



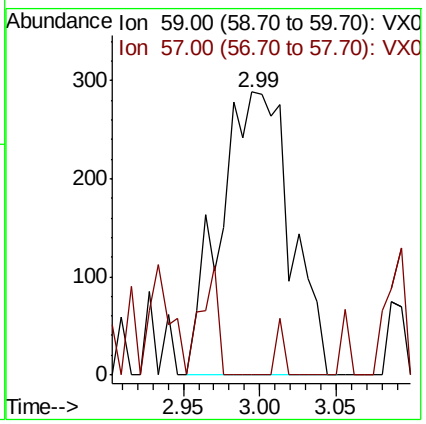


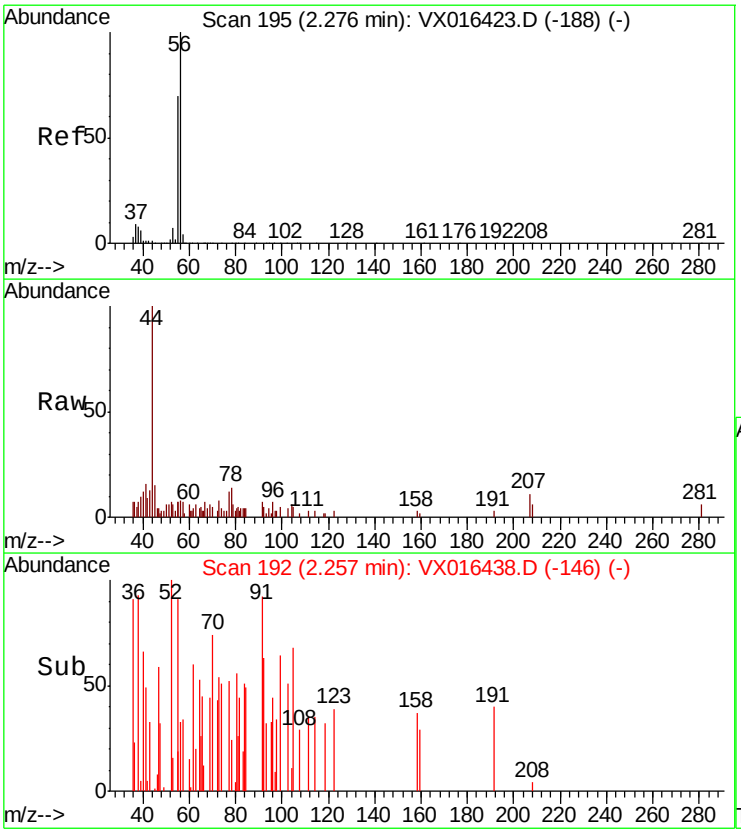
#11
Tert butyl alcohol
Concen: 2.995 ug/l
RT: 2.99 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX016438.D
Acq: 26 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 926

Ion	Ratio	Lower	Upper
59	100		
57	2.3	8.5	12.7#

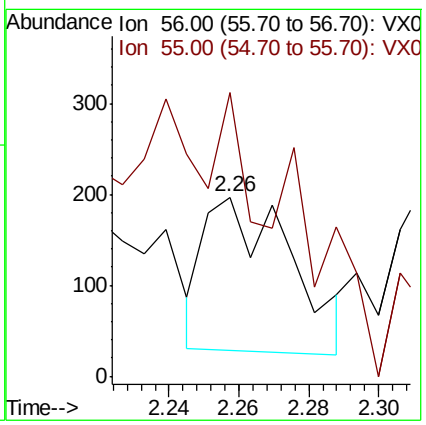


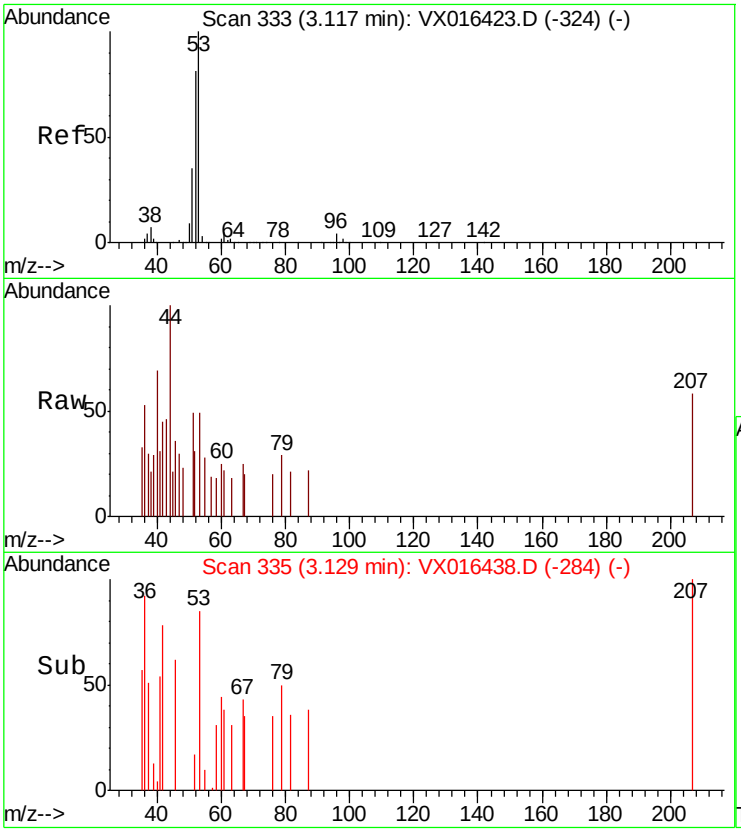


#13
Acrolein
Concen: Below Cal
RT: 2.26 min Scan# 192
Delta R.T. -0.02 min
Lab File: VX016438.D
Acq: 26 May 2020 20:20

Tgt Ion: 56 Resp: 290

Ion	Ratio	Lower	Upper
56	100		
55	71.4	56.5	84.7



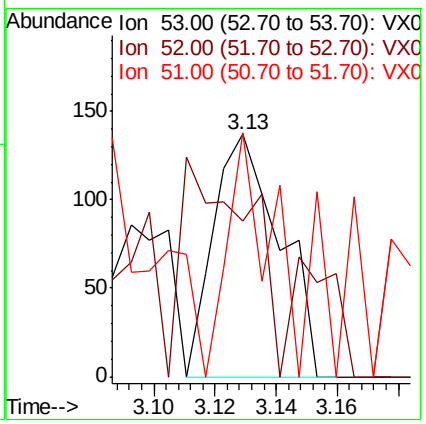


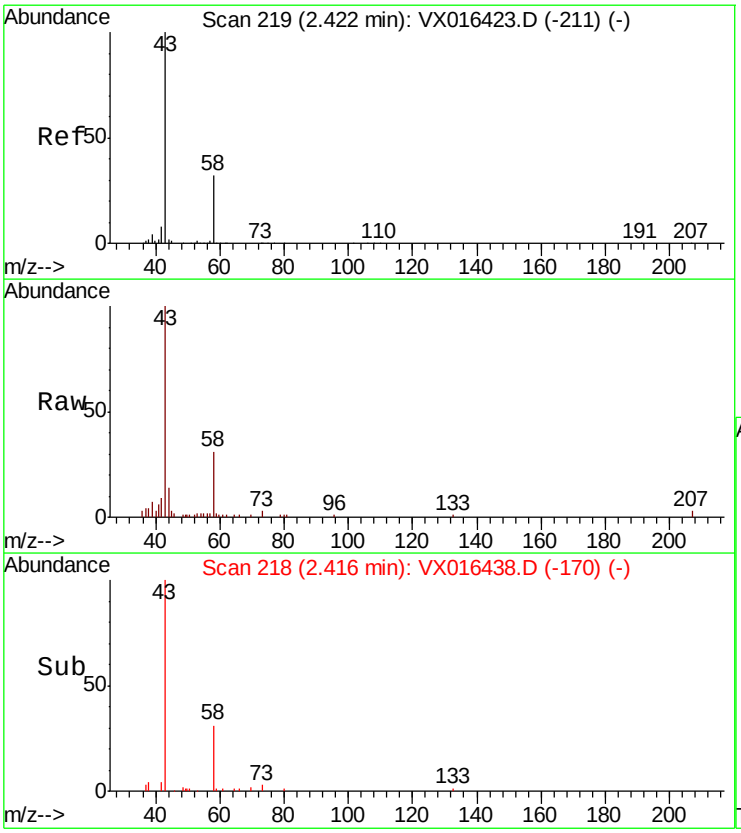
#15
Acrylonitrile
Concen: 0.335 ug/l
RT: 3.13 min Scan# 335
Delta R.T. 0.01 min
Lab File: VX016438.D
Acq: 26 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 206

Ion	Ratio	Lower	Upper
53	100		
52	31.6	65.4	98.2#
51	64.1	28.4	42.6#

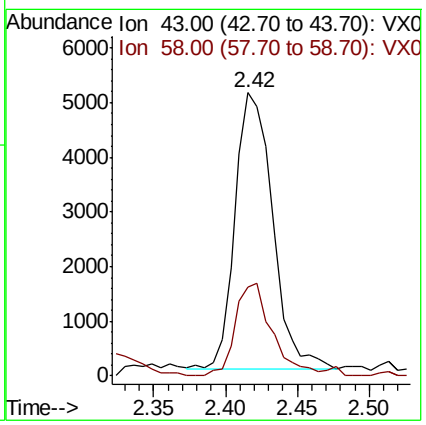


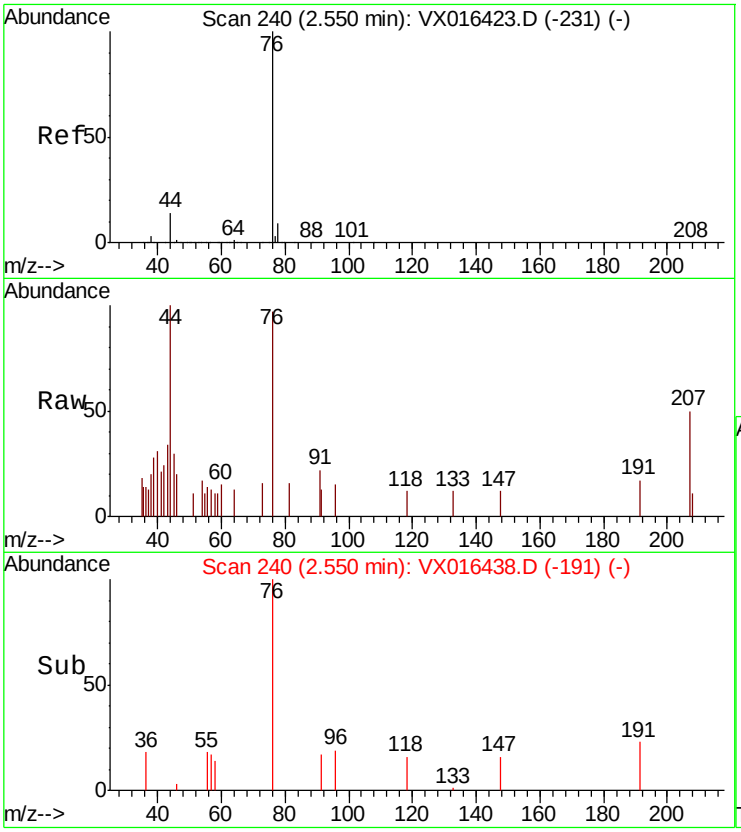


#16
Acetone
Concen: 17.168 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX016438.D
Acq: 26 May 2020 20:20

Tgt Ion: 43 Resp: 9147

Ion	Ratio	Lower	Upper
43	100		
58	32.1	26.0	39.0



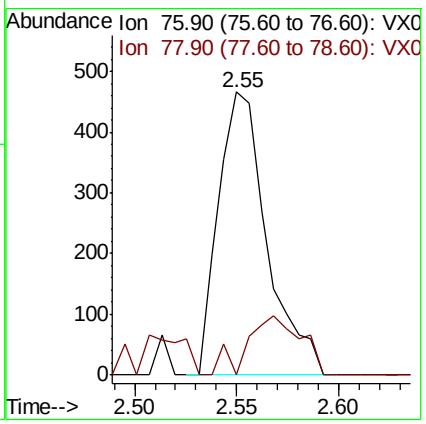


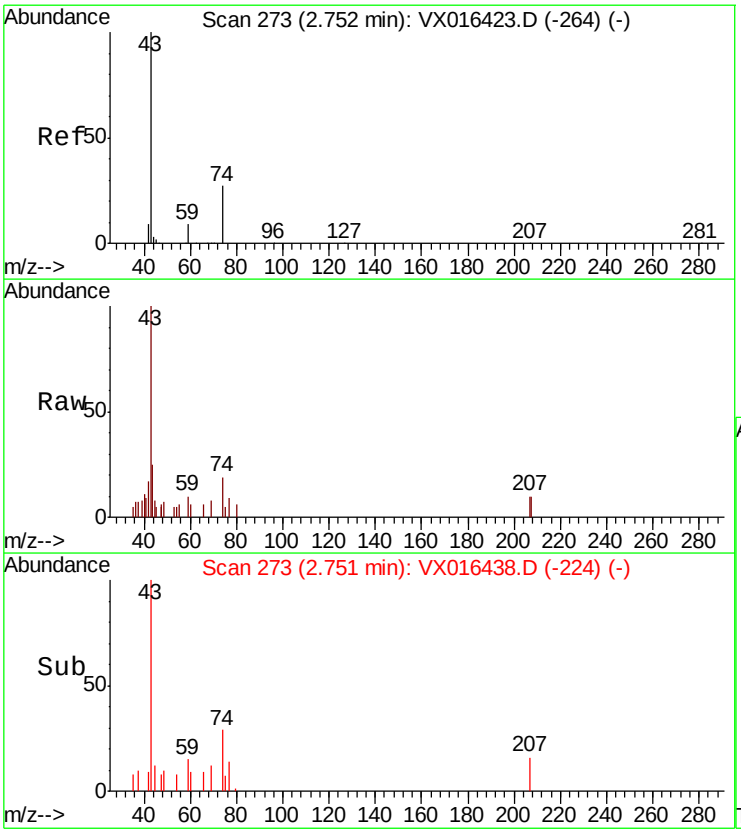
#17
Carbon Disulfide
Concen: 0.259 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016438.D
Acq: 26 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 768

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.0#

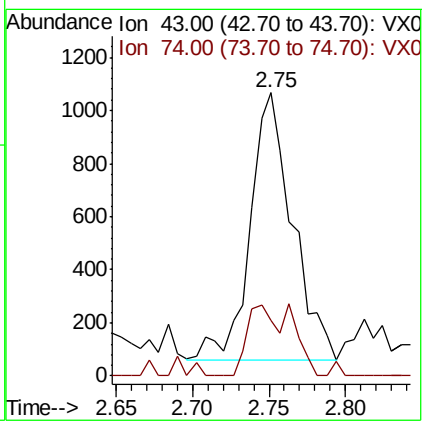


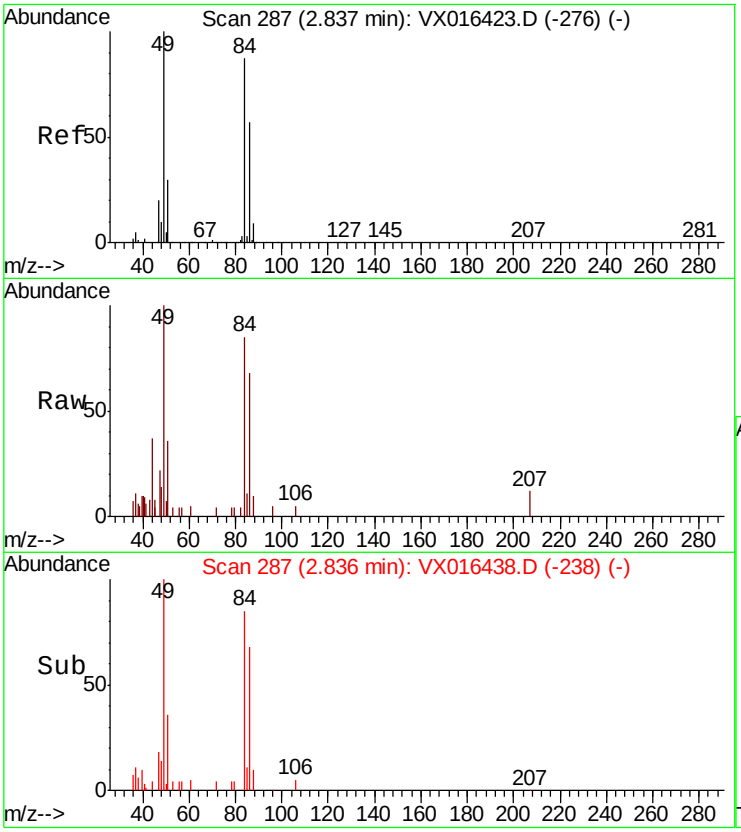


#18
Methyl Acetate
Concen: 1.488 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX016438.D
Acq: 26 May 2020 20:20

Tgt Ion: 43 Resp: 1934

Ion	Ratio	Lower	Upper
43	100		
74	27.7	21.3	31.9



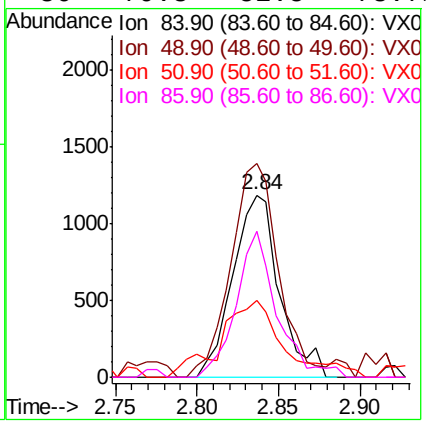


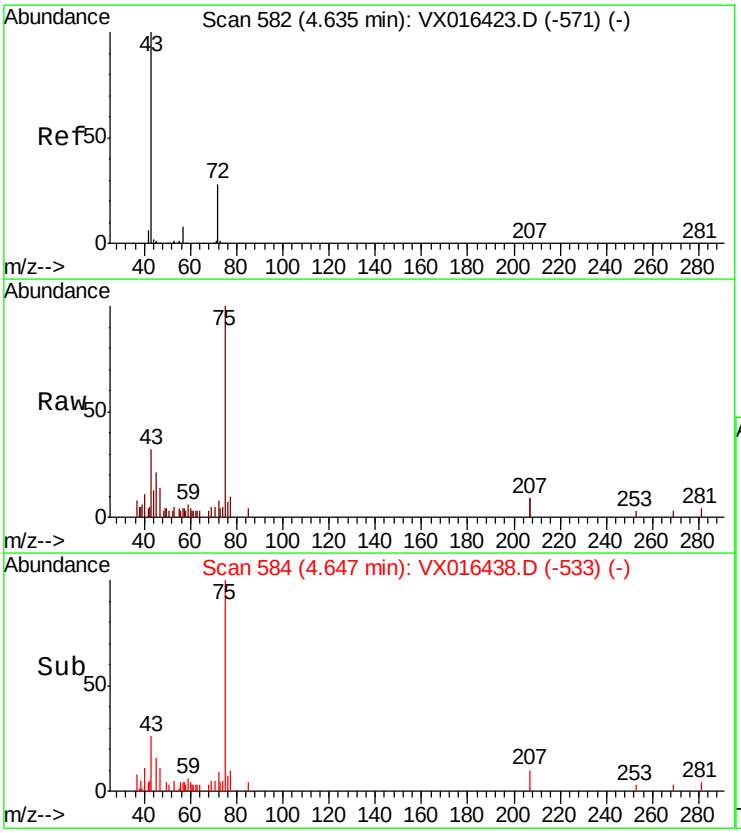
#20
Methylene Chloride
Concen: 2.052 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016438.D
Acq: 26 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 2358

Ion	Ratio	Lower	Upper
84	100		
49	117.1	92.2	138.4
51	34.5	27.8	41.8
86	79.8	52.5	78.7#

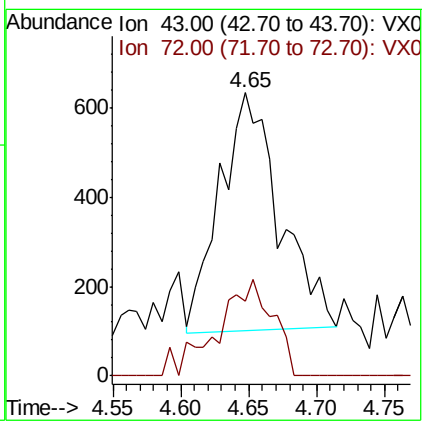


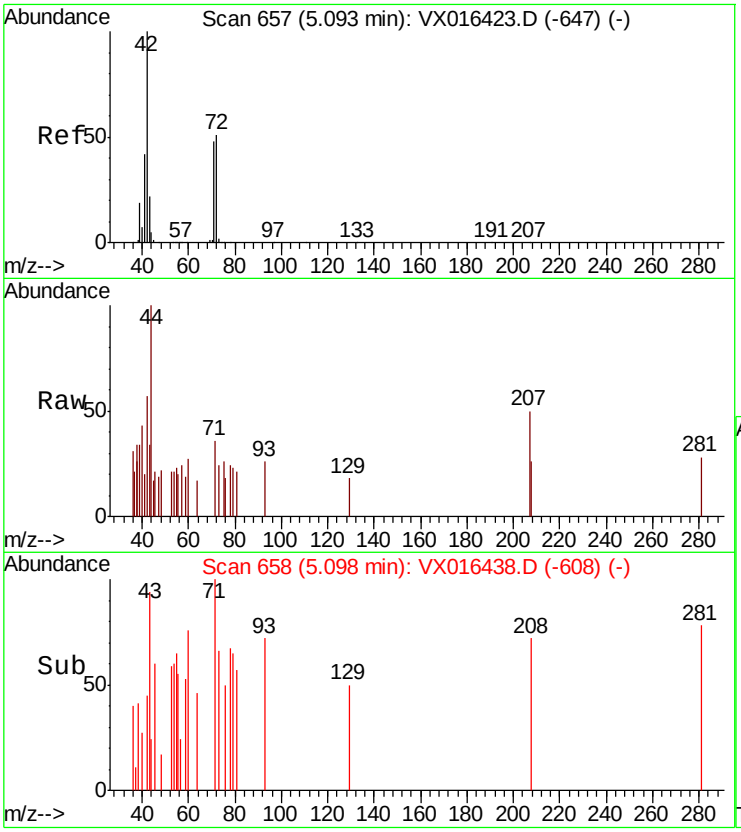


#25
2-Butanone
Concen: 1.893 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX016438.D
Acq: 26 May 2020 20:20

Tgt Ion: 43 Resp: 1639

Ion	Ratio	Lower	Upper
43	100		
72	31.8	22.7	34.1



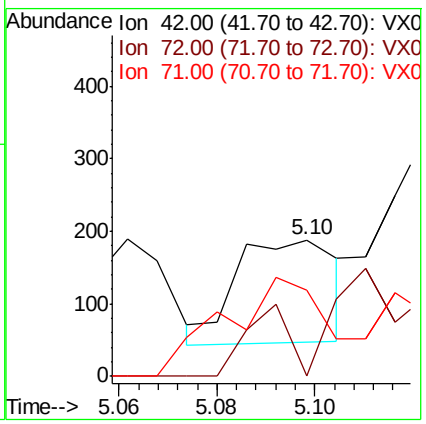


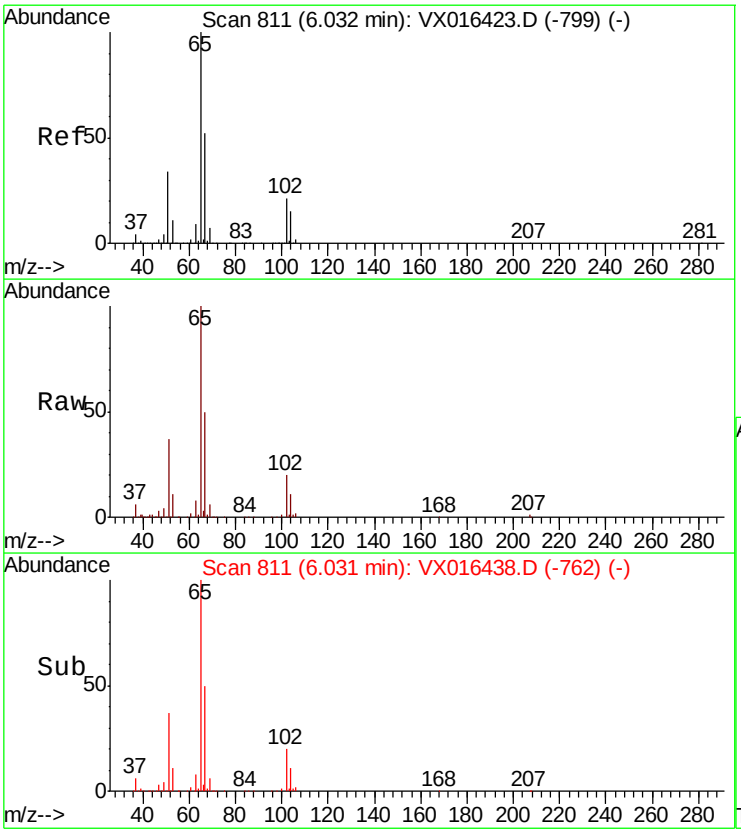
#29
Tetrahydrofuran
Concen: 0.362 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX016438.D
Acq: 26 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 203

Ion	Ratio	Lower	Upper
42	100		
72	29.6	40.2	60.4#
71	92.1	37.7	56.5#

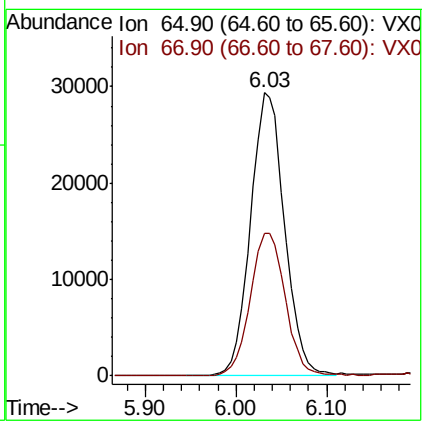


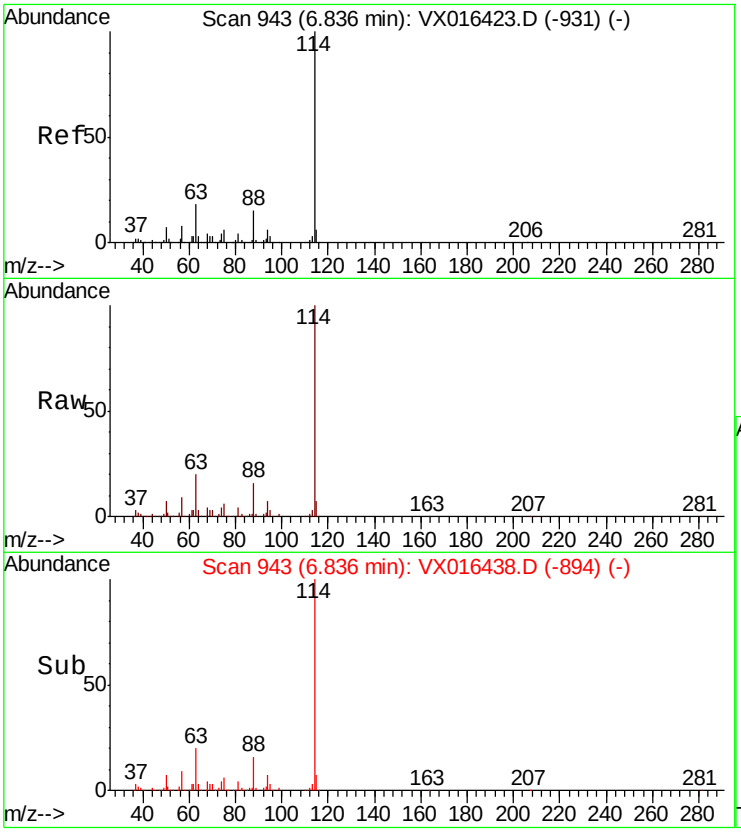


#33
1,2-Dichloroethane-d4
Concen: 56.968 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016438.D
Acq: 26 May 2020 20:20

Tgt Ion: 65 Resp: 76201

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	104.2



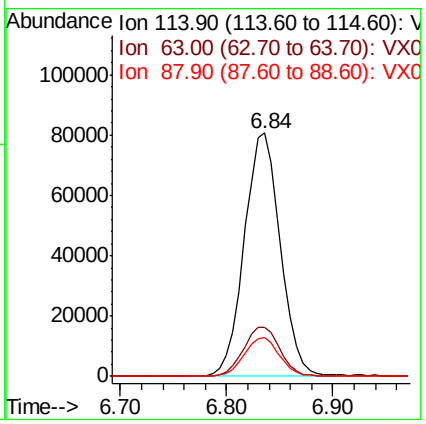


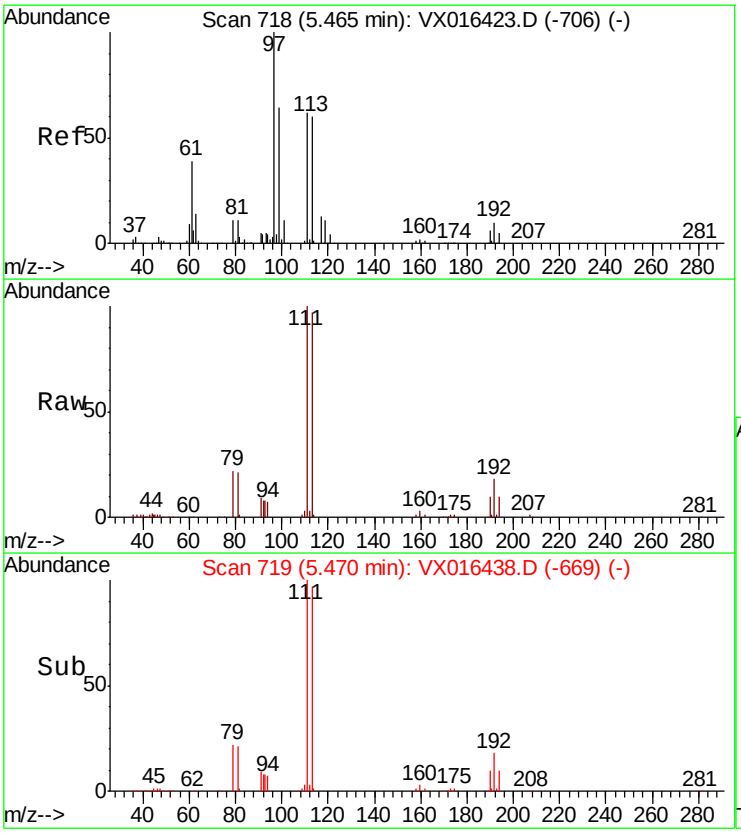
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. -0.00 min
Lab File: VX016438.D
Acq: 26 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 191165

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	36.4
88	15.9	0.0	29.2

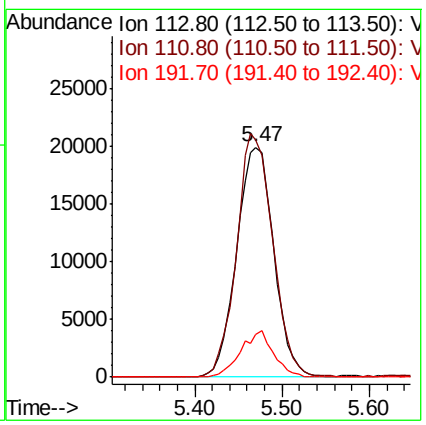


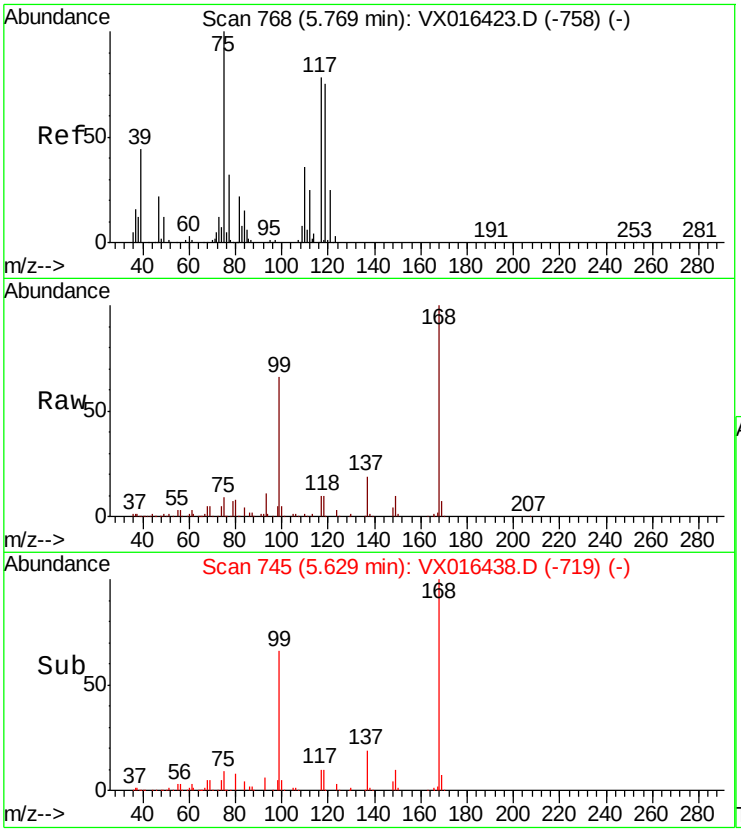


#35
Dibromofluoromethane
Concen: 48.172 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016438.D
Acq: 26 May 2020 20:20

Tgt Ion:113 Resp: 58901

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.5	123.7
192	17.7	16.5	24.7



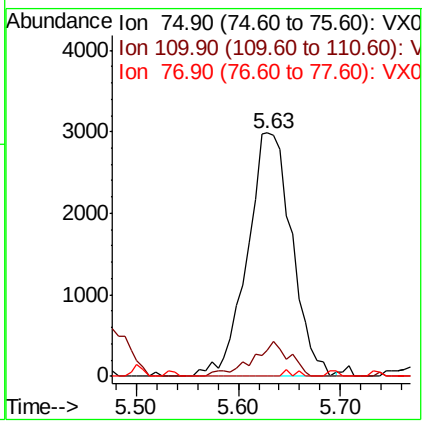


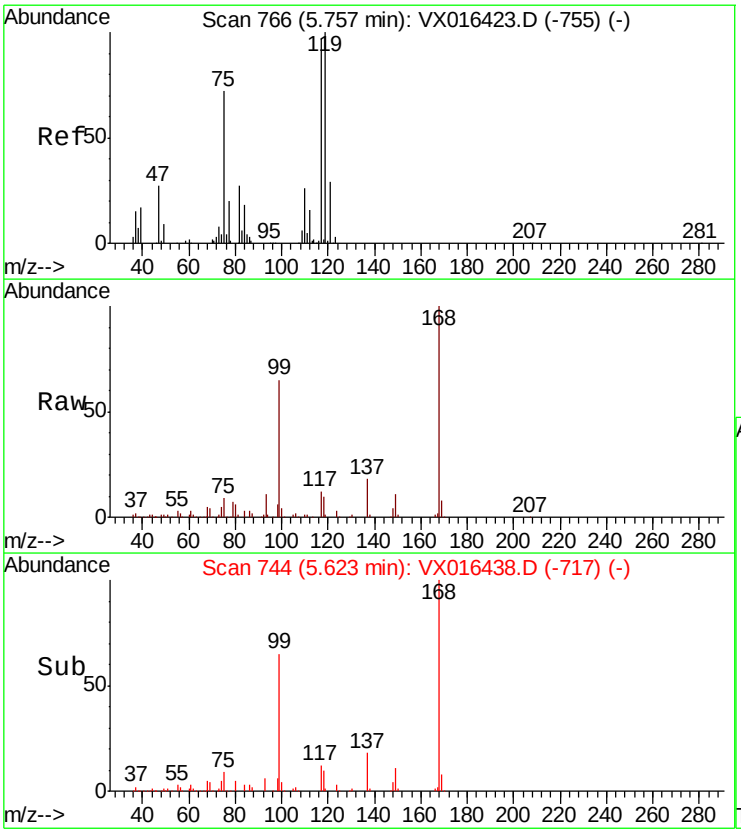
#36
1,1-Dichloropropene
Concen: 5.341 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX016438.D
Acq: 26 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 9052

Ion	Ratio	Lower	Upper
75	100		
110	12.0	18.7	56.1#
77	0.6	24.9	37.3#

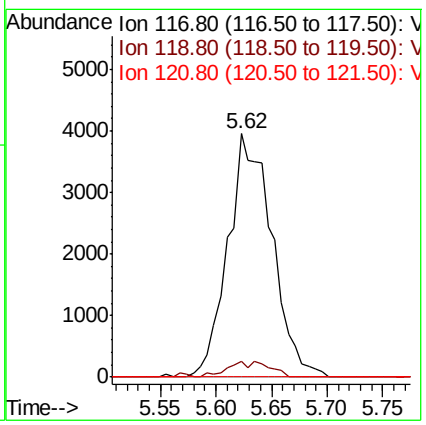


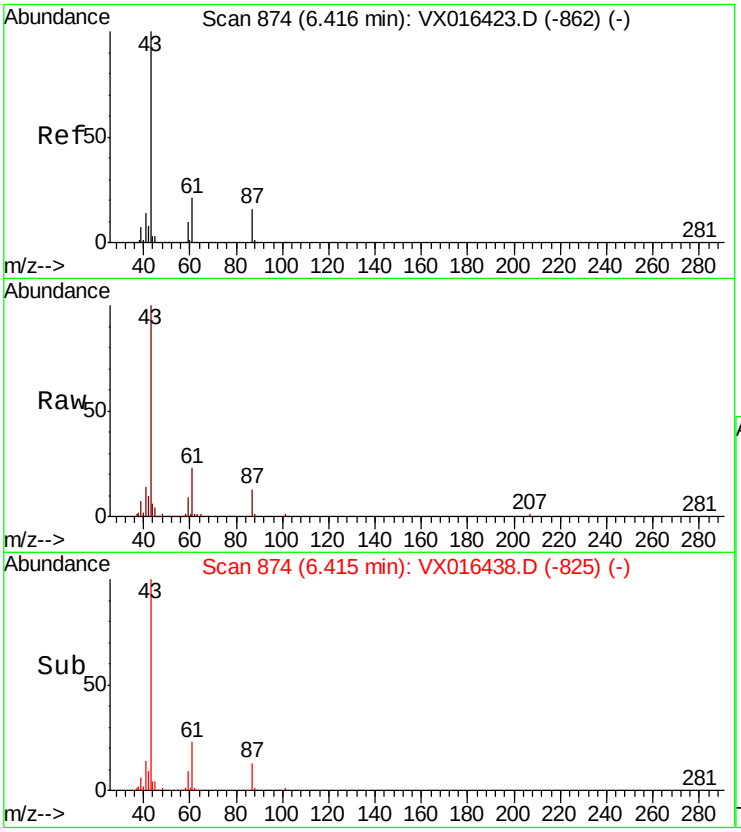


#38
Carbon Tetrachloride
Concen: 5.905 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.13 min
Lab File: VX016438.D
Acq: 26 May 2020 20:20

Tgt Ion:117 Resp: 10846

Ion	Ratio	Lower	Upper
117	100		
119	6.6	82.2	123.4#
121	0.0	24.1	36.1#



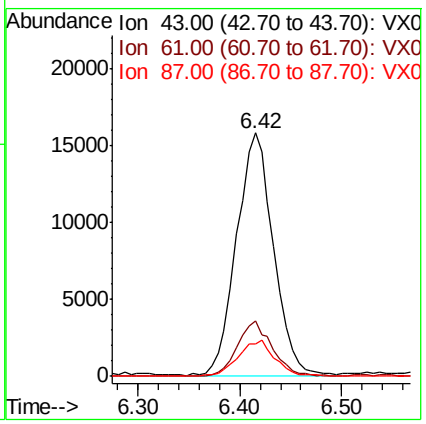


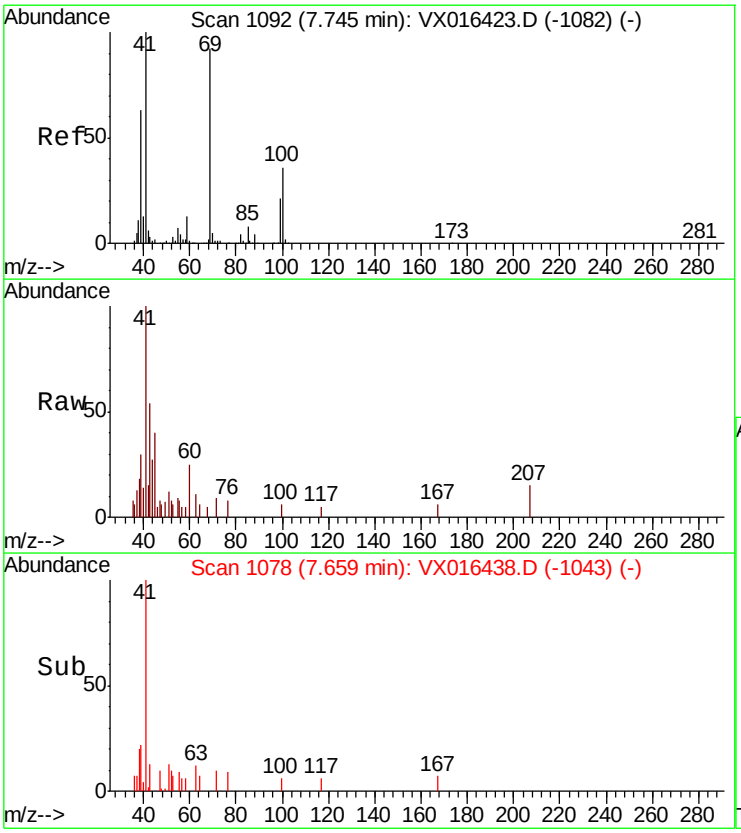
#43
Isopropyl Acetate
Concen: 13.161 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX016438.D
Acq: 26 May 2020 20:20

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 39542

Ion	Ratio	Lower	Upper
43	100		
61	21.7	17.2	25.8
87	14.8	12.3	18.5

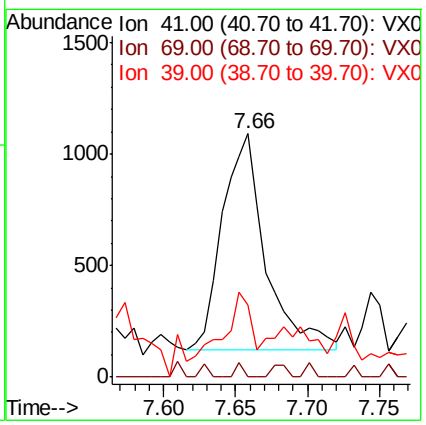


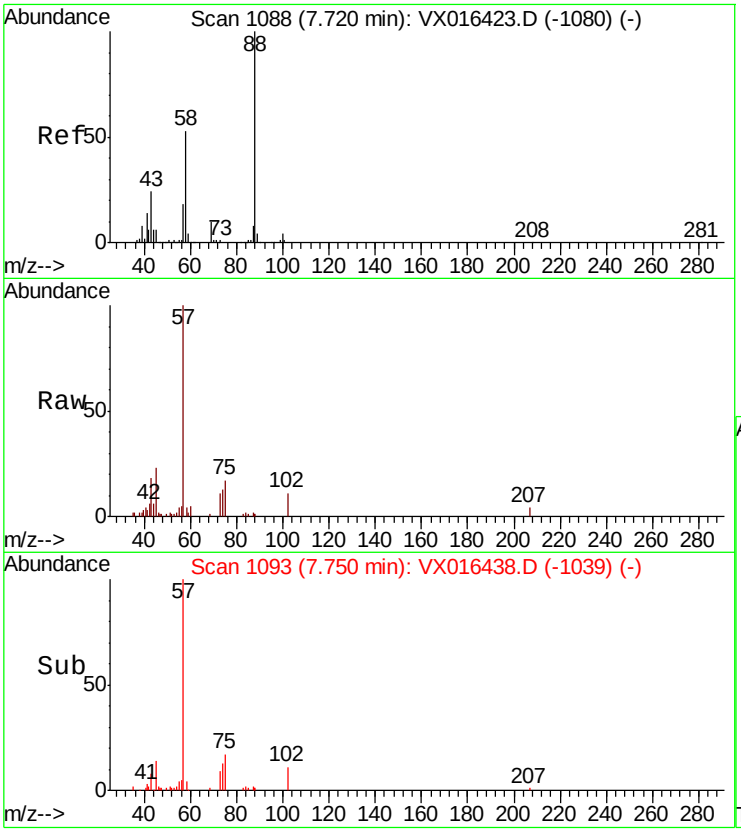


#48
Methyl methacrylate
Concen: 1.474 ug/l
RT: 7.66 min Scan# 1078
Delta R.T. -0.09 min
Lab File: VX016438.D
Acq: 26 May 2020 20:20

Tgt Ion: 41 Resp: 2018

Ion	Ratio	Lower	Upper
41	100		
69	1.2	71.8	107.8#
39	0.0	48.6	73.0#



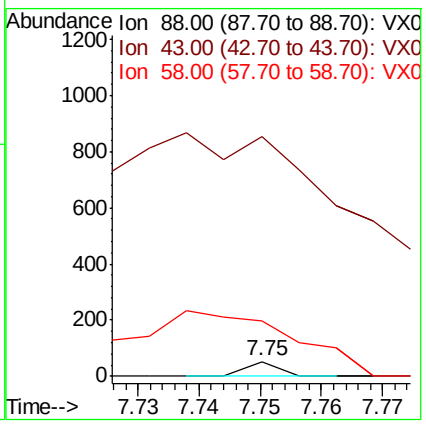


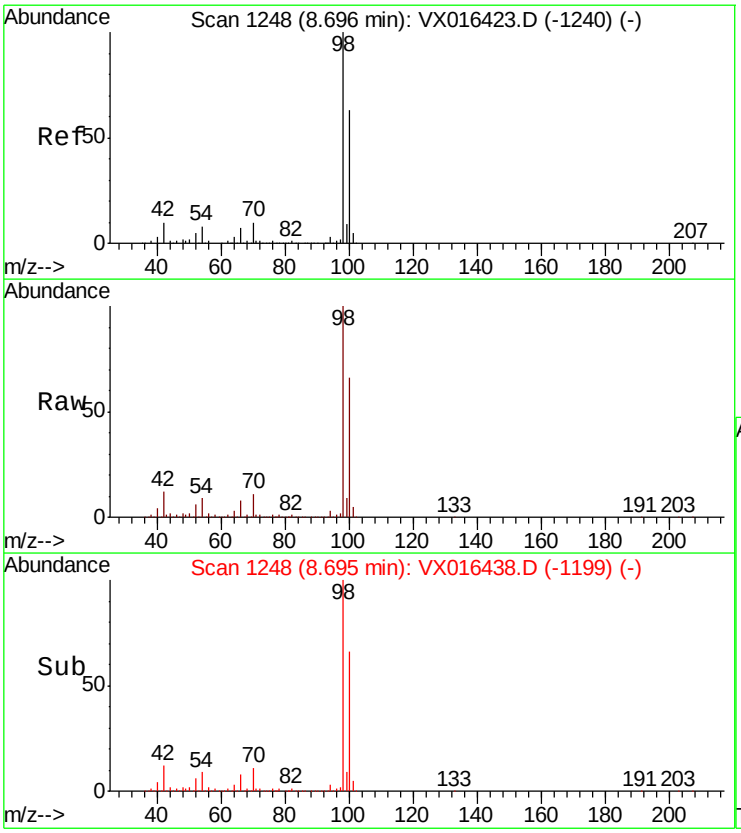
#49
1,4-Dioxane
Concen: 0.539 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. 0.03 min
Lab File: VX016438.D
Acq: 26 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 19

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.0	34.6#
58	2173.7	51.7	77.5#

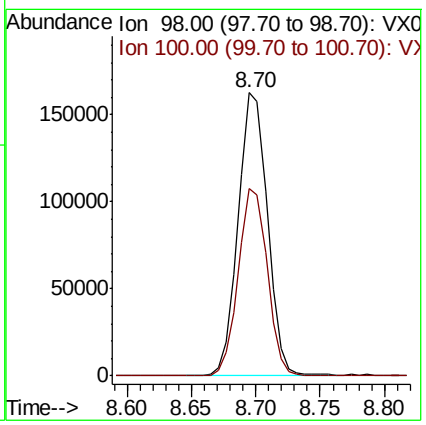


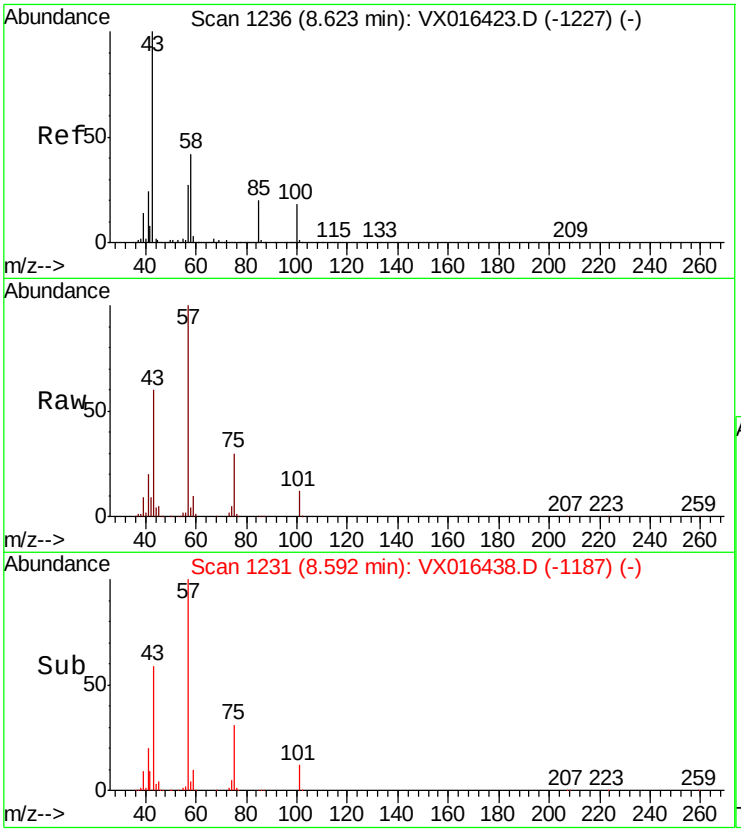


#50
Toluene-d8
Concen: 56.894 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016438.D
Acq: 26 May 2020 20:20

Tgt Ion: 98 Resp: 256242

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.6	78.8



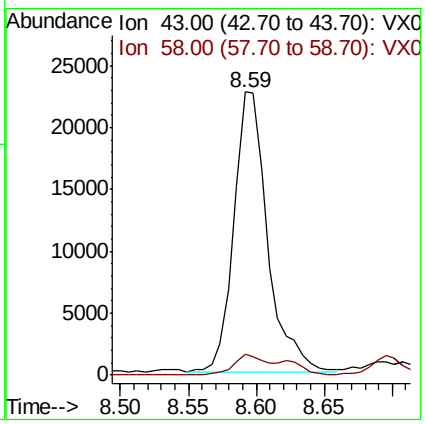


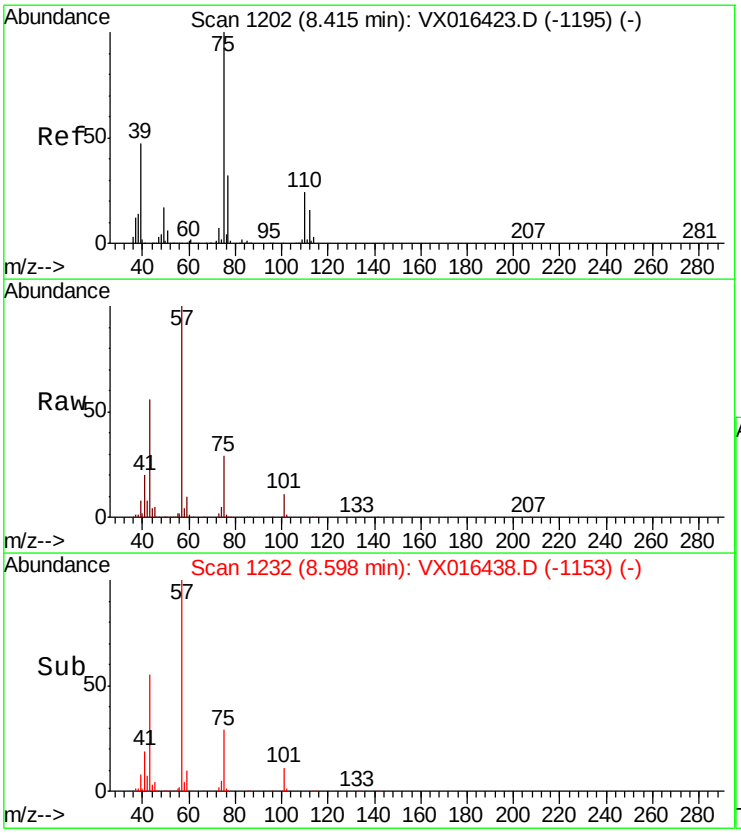
#51
4-Methyl-2-Pentanone
Concen: 20.516 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.03 min
Lab File: VX016438.D
Acq: 26 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 38955

Ion	Ratio	Lower	Upper
43	100		
58	7.7	33.8	50.6#

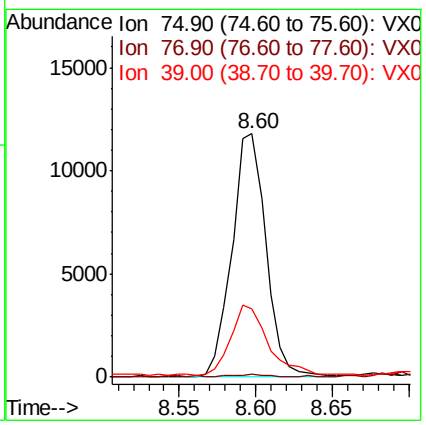


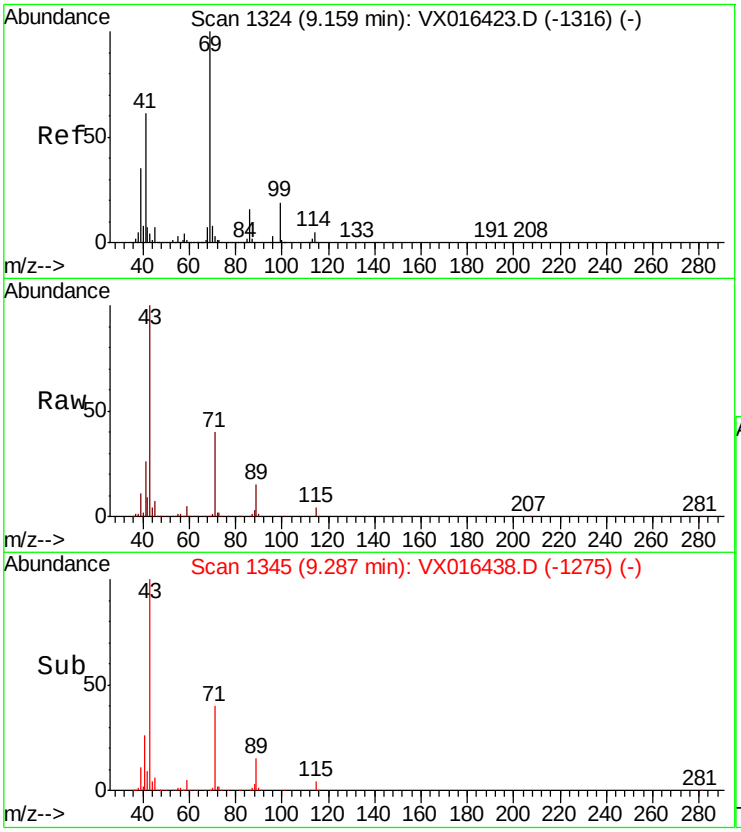


#54
cis-1,3-Dichloropropene
Concen: 8.381 ug/l
RT: 8.60 min Scan# 1232
Delta R.T. 0.18 min
Lab File: VX016438.D
Acq: 26 May 2020 20:20

Tgt Ion: 75 Resp: 18231

Ion	Ratio	Lower	Upper
75	100		
77	1.2	25.4	38.0#
39	26.9	37.7	56.5#



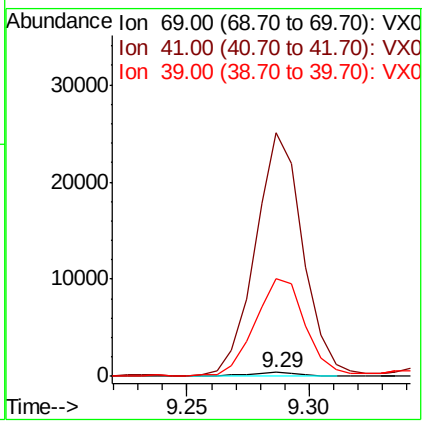


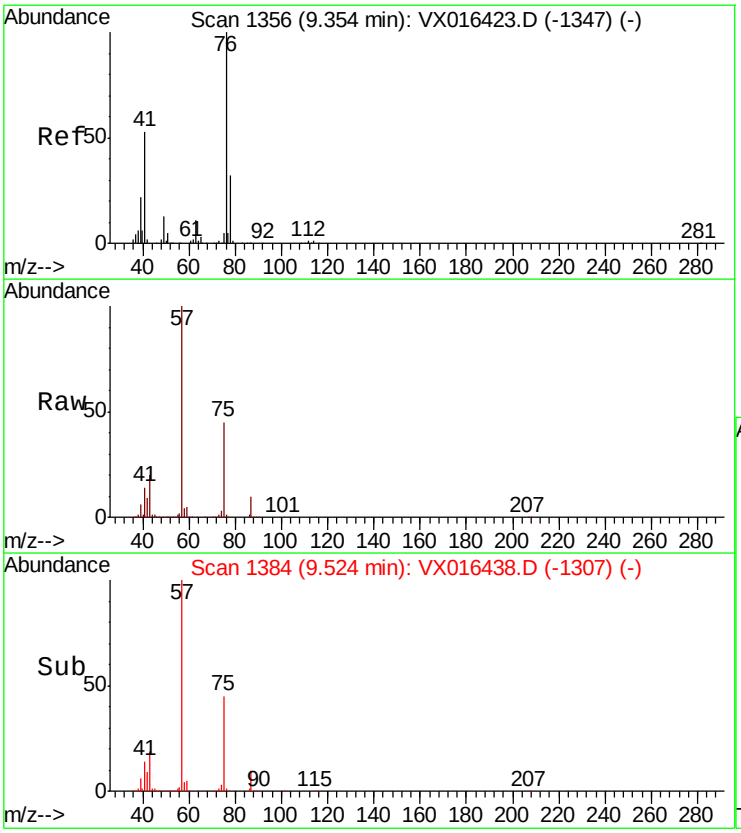
#56
Ethyl methacrylate
Concen: 0.315 ug/l
RT: 9.29 min Scan# 1345
Delta R.T. 0.13 min
Lab File: VX016438.D
Acq: 26 May 2020 20:20

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 69 Resp: 628

Ion	Ratio	Lower	Upper
69	100		
41	5407.6	47.9	71.9#
39	2340.4	28.7	43.1#

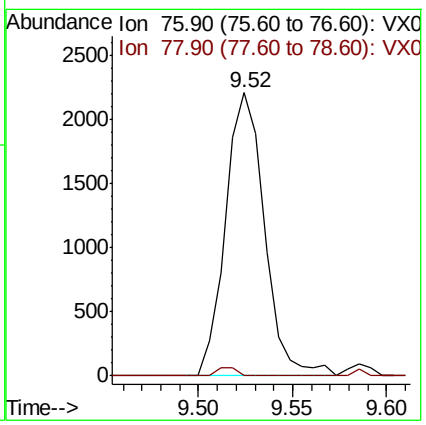


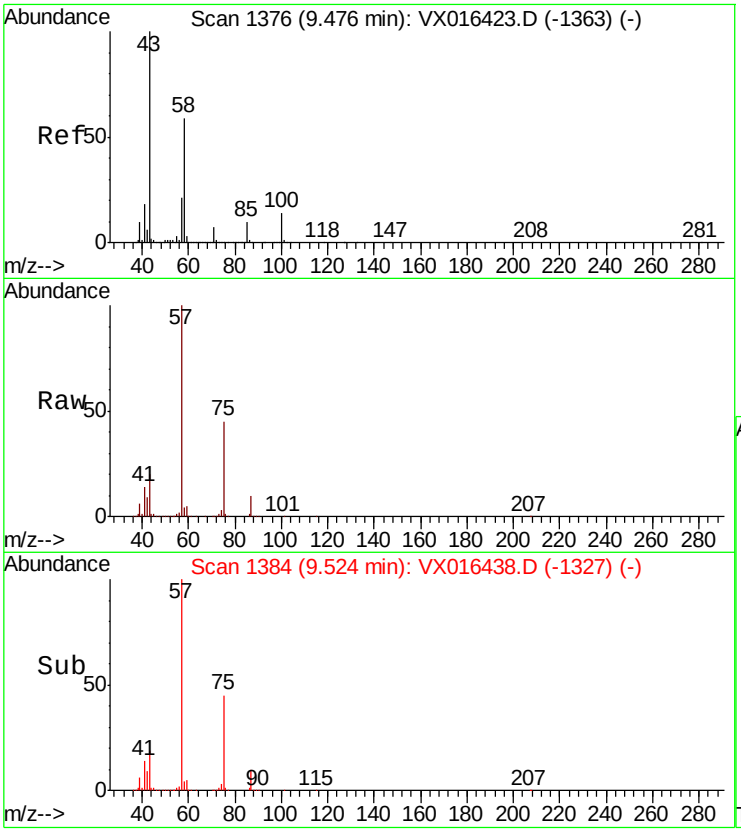


#57
1,3-Dichloropropane
Concen: 1.443 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.17 min
Lab File: VX016438.D
Acq: 26 May 2020 20:20

Tgt Ion: 76 Resp: 3166

Ion	Ratio	Lower	Upper
76	100		
78	1.5	26.1	39.1#



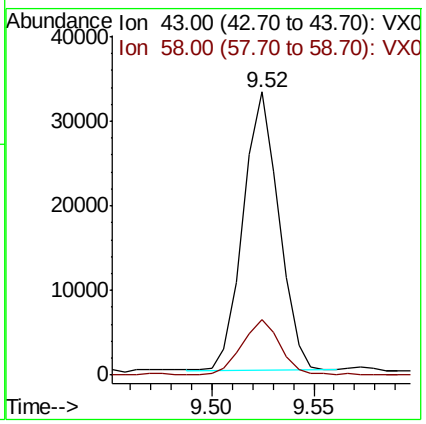


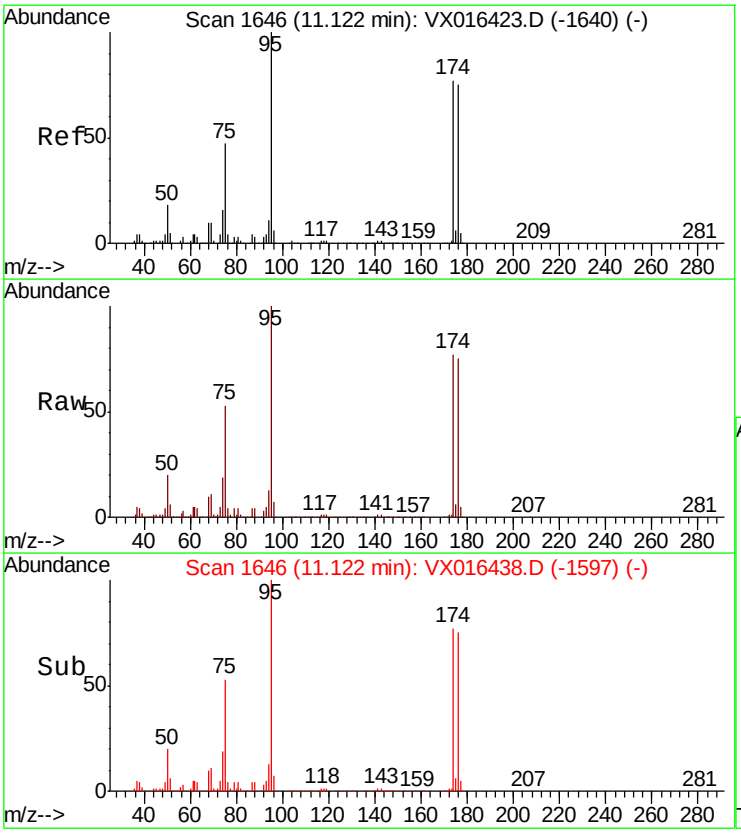
#59
2-Hexanone
Concen: 27.381 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX016438.D
Acq: 26 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 40032

Ion	Ratio	Lower	Upper
43	100		
58	21.7	29.1	87.3#

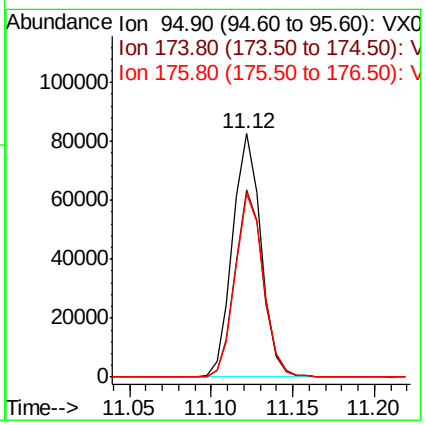


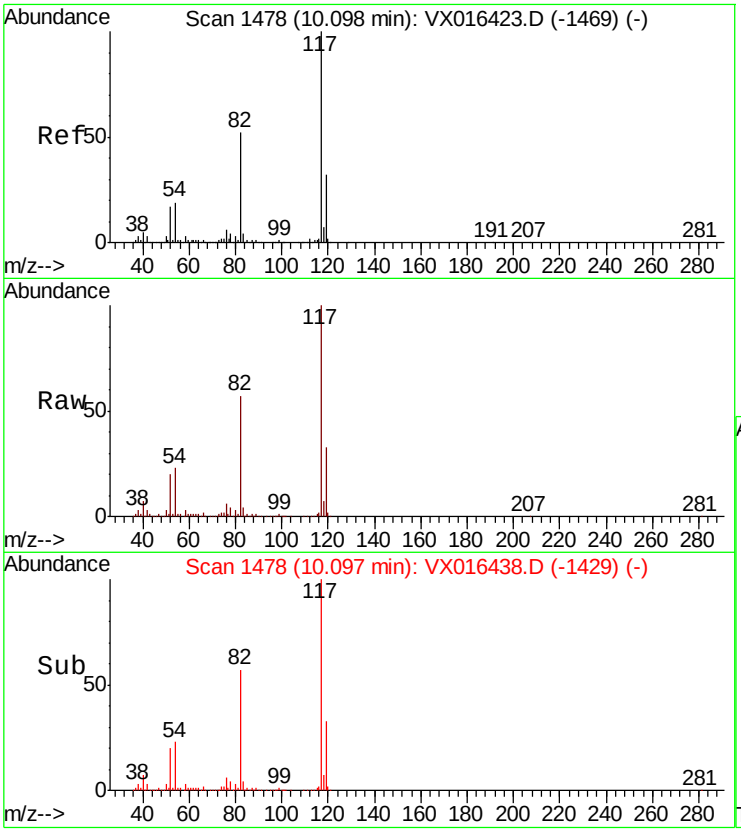


#62
4-Bromofluorobenzene
Concen: 59.921 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016438.D
Acq: 26 May 2020 20:20

Tgt Ion: 95 Resp: 100155

Ion	Ratio	Lower	Upper
95	100		
174	76.0	0.0	162.6
176	75.0	0.0	158.2



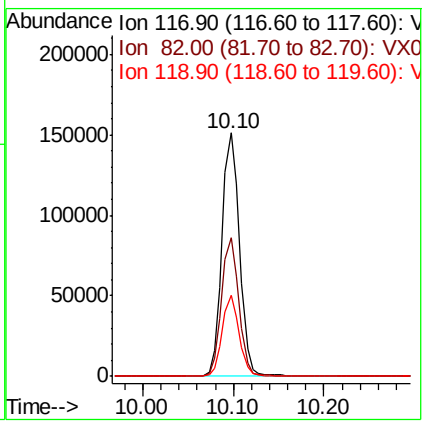


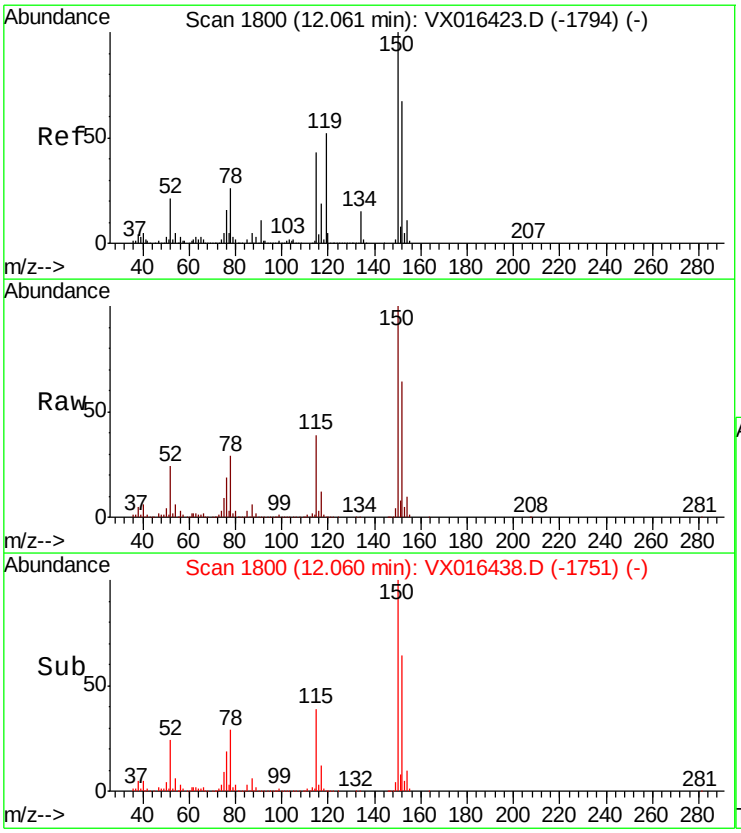
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016438.D
Acq: 26 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 204466

Ion	Ratio	Lower	Upper
117	100		
82	56.7	41.8	62.6
119	33.2	25.7	38.5

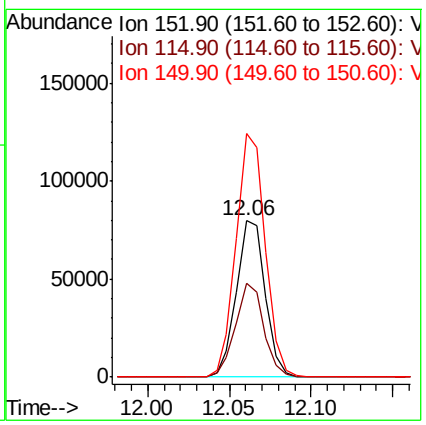


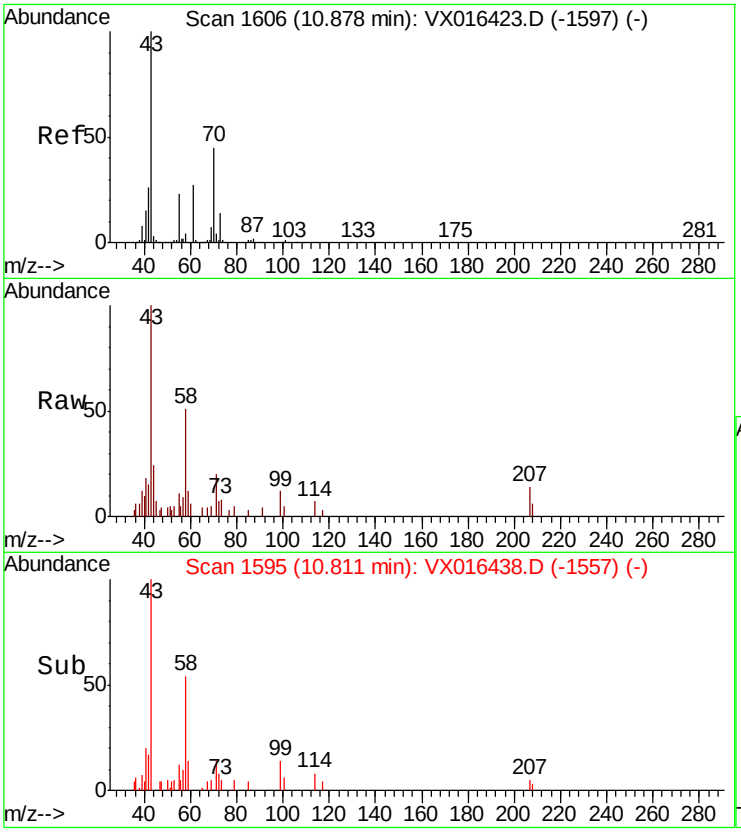


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016438.D
Acq: 26 May 2020 20:20

Tgt Ion:152 Resp: 99053

Ion	Ratio	Lower	Upper
152	100		
115	58.7	40.4	121.2
150	157.1	0.0	345.8



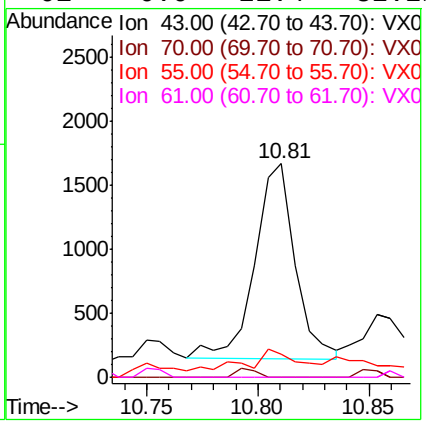


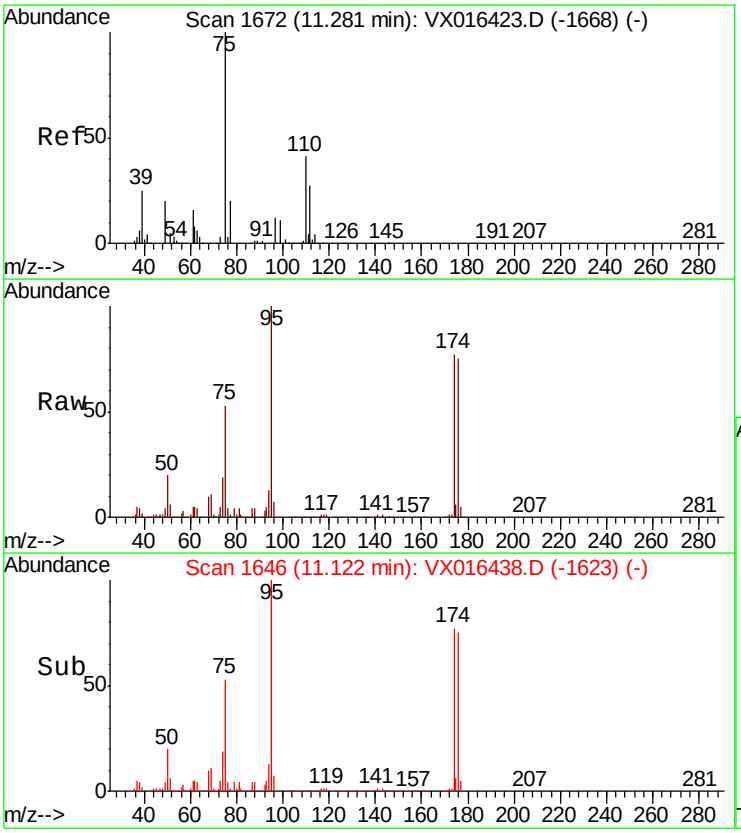
#74
N-amyl acetate
Concen: 0.680 ug/l
RT: 10.81 min Scan# 1595
Delta R.T. -0.07 min
Lab File: VX016438.D
Acq: 26 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1935

Ion	Ratio	Lower	Upper
43	100		
70	2.3	38.0	57.0#
55	18.9	20.0	30.0#
61	0.0	21.4	32.2#

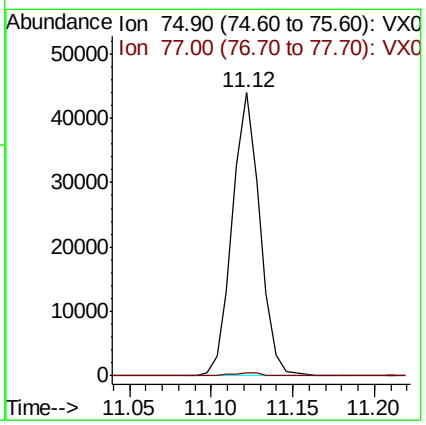


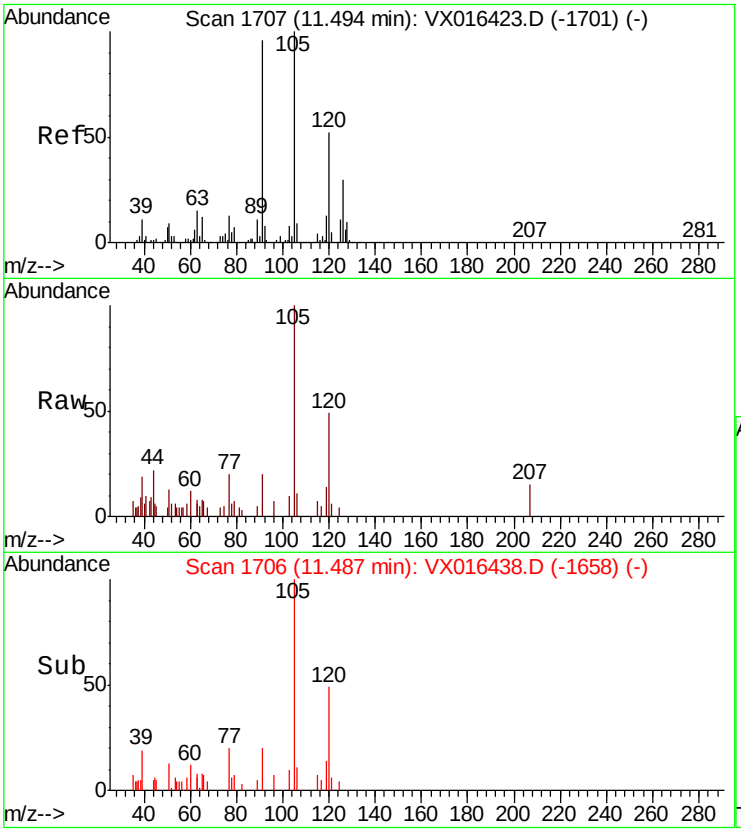


#76
1,2,3-Trichloropropane
Concen: 25.185 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX016438.D
Acq: 26 May 2020 20:20

Tgt Ion: 75 Resp: 51776

Ion	Ratio	Lower	Upper
75	100		
77	1.5	21.4	64.3#



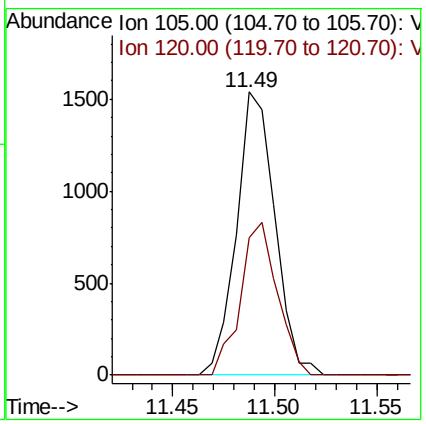


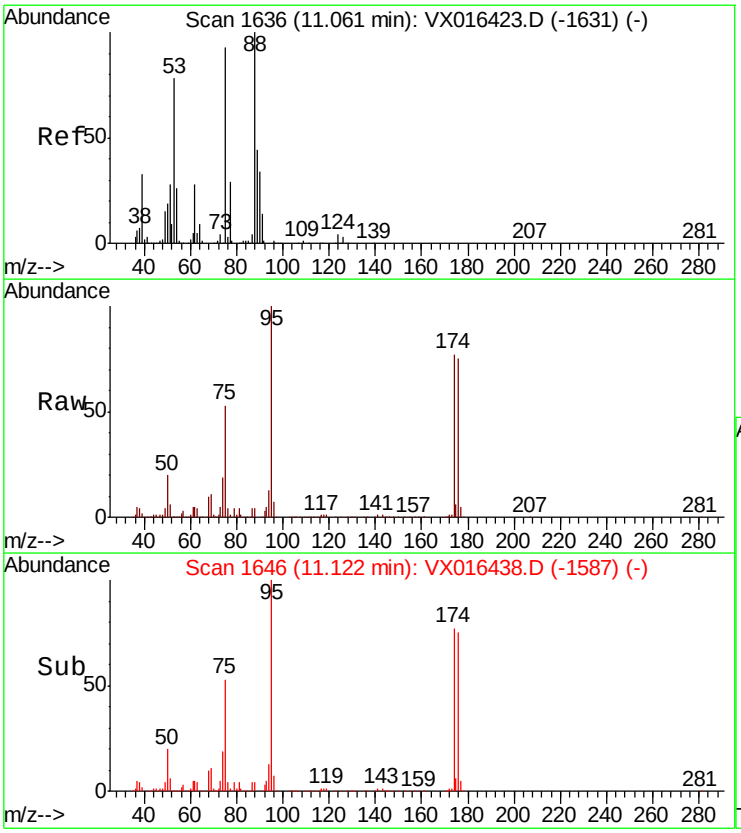
#80
1,3,5-Trimethylbenzene
Concen: 0.361 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX016438.D
Acq: 26 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 2016

Ion	Ratio	Lower	Upper
105	100		
120	52.0	25.0	75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 60.563 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX016438.D
Acq: 26 May 2020 20:20

Tgt Ion: 75 Resp: 51776

Ion	Ratio	Lower	Upper
75	100		
53	0.1	69.4	104.2#
89	0.0	37.0	55.6#