Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051320\
Data File : VX016200.D
Acq On : 14 May 2020 00:09
Operator : JC/SP
Sample : PB128838ZHE#01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB128838ZHE#01

Quant Time: May 14 04:45:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	270430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	455630	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	441564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	228207	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	168160	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.50%			
35) Dibromofluoromethane	5.47	113	136192	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.36%			
50) Toluene-d8	8.70	98	559979	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.70%			
62) 4-Bromofluorobenzene	11.12	95	221449	52.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.70%			
Target Compounds						Qvalue
5) Bromomethane	1.65	94	449	0.251	ug/l #	51
11) Tert butyl alcohol	3.01	59	2359	2.621	ug/l #	88
13) Acrolein	2.27	56	510	0.906	ug/l	91
15) Acrylonitrile	3.12	53	464	0.249	ug/l #	86
16) Acetone	2.42	43	16446	10.358	ug/l	100
18) Methyl Acetate	2.75	43	3266	0.837	ug/l	100
20) Methylene Chloride	2.84	84	5295	1.618	ug/l	98
25) 2-Butanone	4.65	43	9533	3.726	ug/l	98
29) Tetrahydrofuran	5.10	42	1647	0.971	ug/l #	54
36) 1,1-Dichloropropene	5.63	75	20328	4.532	ug/l #	50
38) Carbon Tetrachloride	5.64	117	25491	5.592	ug/l #	14
43) Isopropyl Acetate	6.42	43	85657	10.328	ug/l	99
48) Methyl methacrylate	7.85	41	128447	32.683	ug/l #	41
49) 1,4-Dioxane	7.85	88	192	2.037	ug/l #	1
51) 4-Methyl-2-Pentanone	8.59	43	80083	15.778	ug/l #	45
54) cis-1,3-Dichloropropene	8.60	75	39336	6.873	ug/l #	57
56) Ethyl methacrylate	9.29	69	1062	0.202	ug/l #	1
57) 1,3-Dichloropropane	9.52	76	6663	1.187	ug/l #	47
59) 2-Hexanone	9.52	43	84579	21.220	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	11.32	83	68	2.071	ug/l #	26
76) 1,2,3-Trichloropropane	11.12	75	109496	21.144	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.49	105	3396	0.242	ug/l	92
81) trans-1,4-Dichloro-2-buten	11.12	75	109496	50.388	ug/l #	13
94) Hexachlorobutadiene	13.77	225	489	0.728	ug/l	91

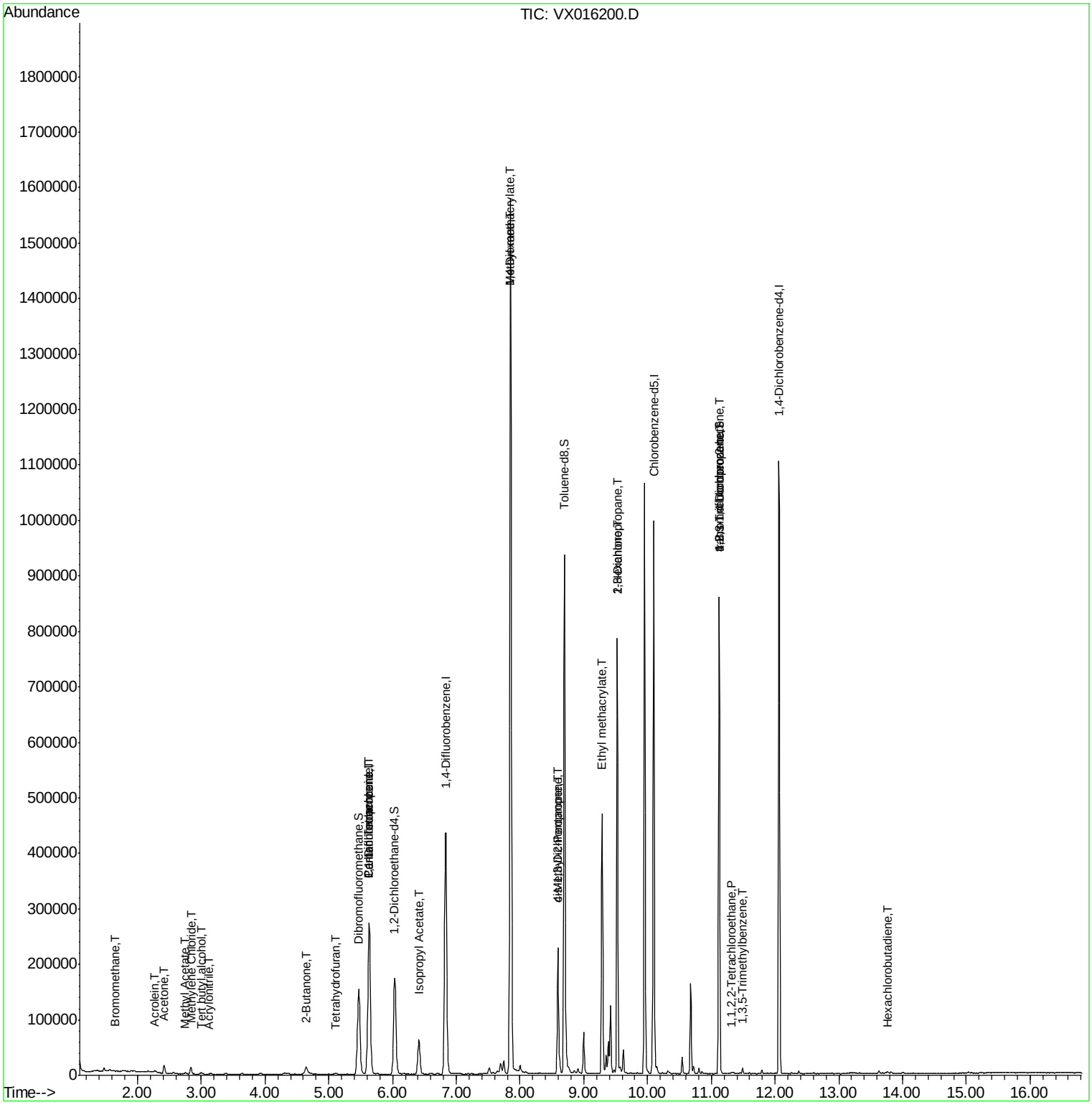
(#) = qualifier out of range (m) = manual integration (+) = signals summed

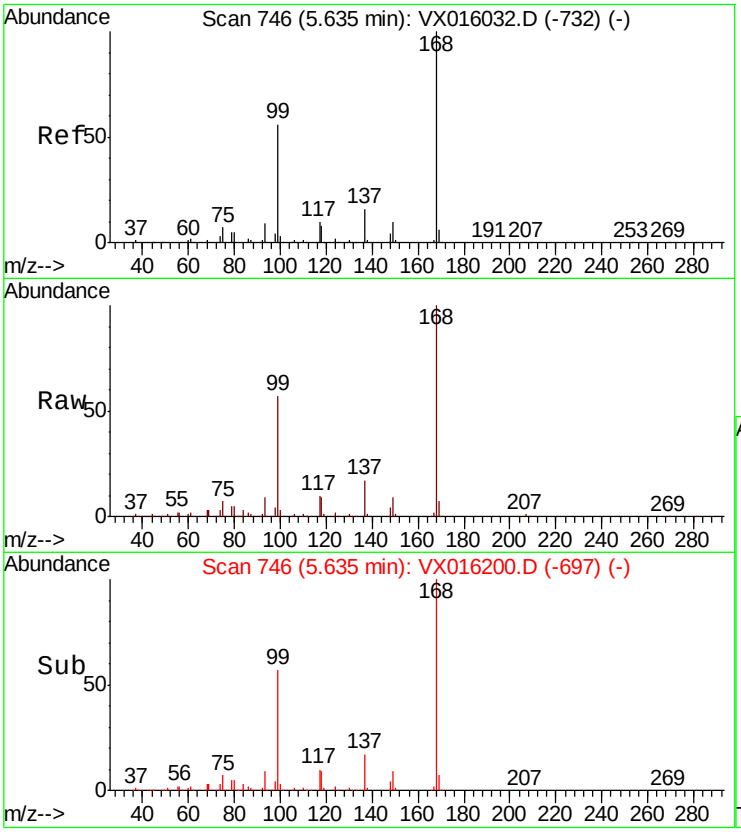
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051320\
Data File : VX016200.D
Acq On : 14 May 2020 00:09
Operator : JC/SP
Sample : PB128838ZHE#01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB128838ZHE#01

Quant Time: May 14 04:45:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration



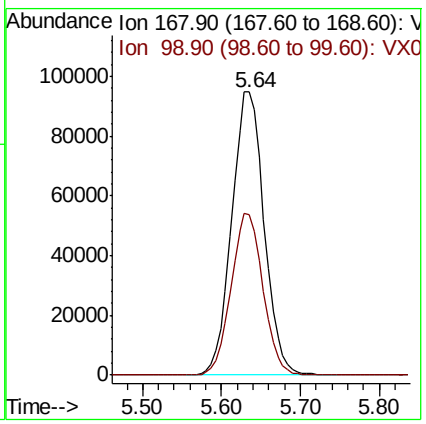


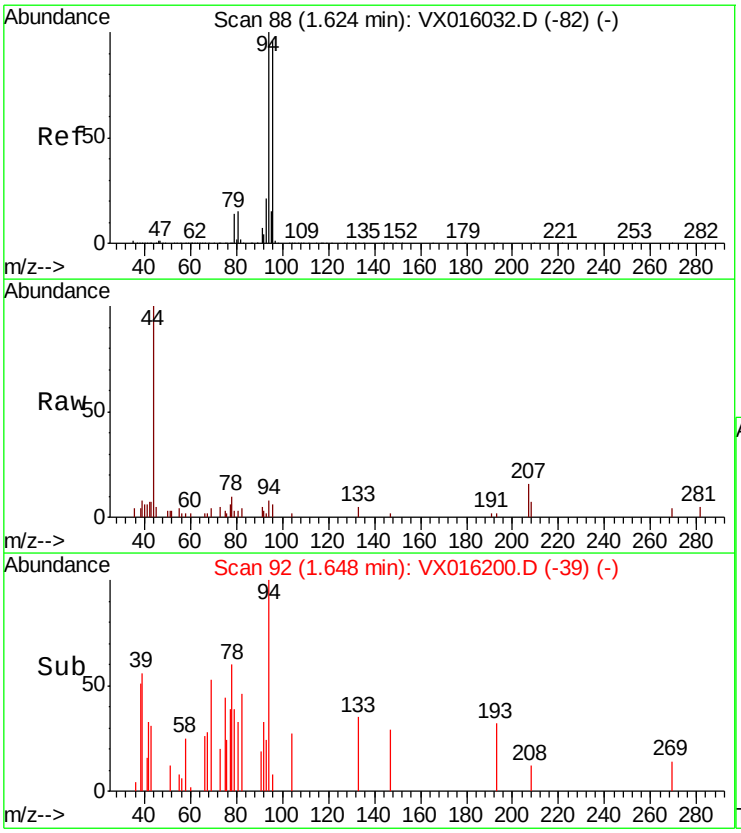
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.00 min
Lab File: VX016200.D
Acq: 14 May 2020 00:09

Instrument :
MSVOA_X
ClientSampleId :
PB128838ZHE#01

Tgt Ion:168 Resp: 270430

Ion	Ratio	Lower	Upper
168	100		
99	56.8	45.0	67.4

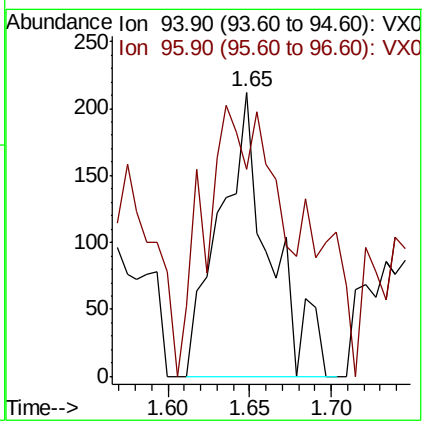


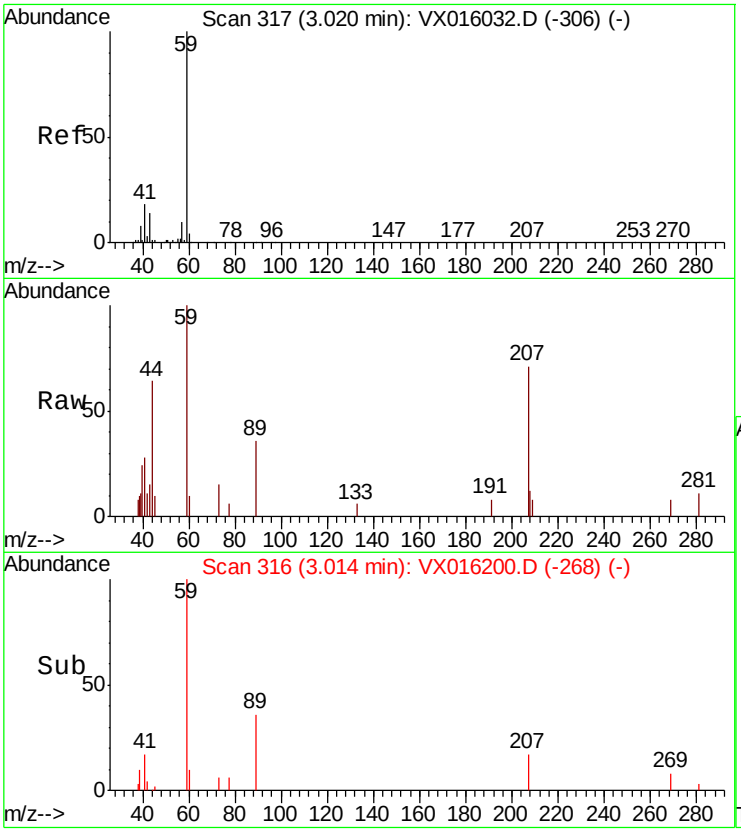


#5
Bromomethane
Concen: 0.251 ug/l
RT: 1.65 min Scan# 92
Delta R.T. 0.02 min
Lab File: VX016200.D
Acq: 14 May 2020 00:09

Tgt Ion: 94 Resp: 449

Ion	Ratio	Lower	Upper
94	100		
96	48.6	76.9	115.3#



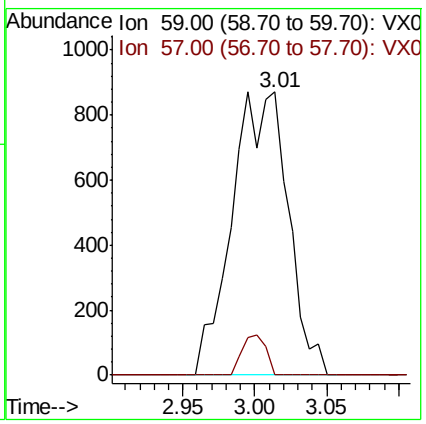


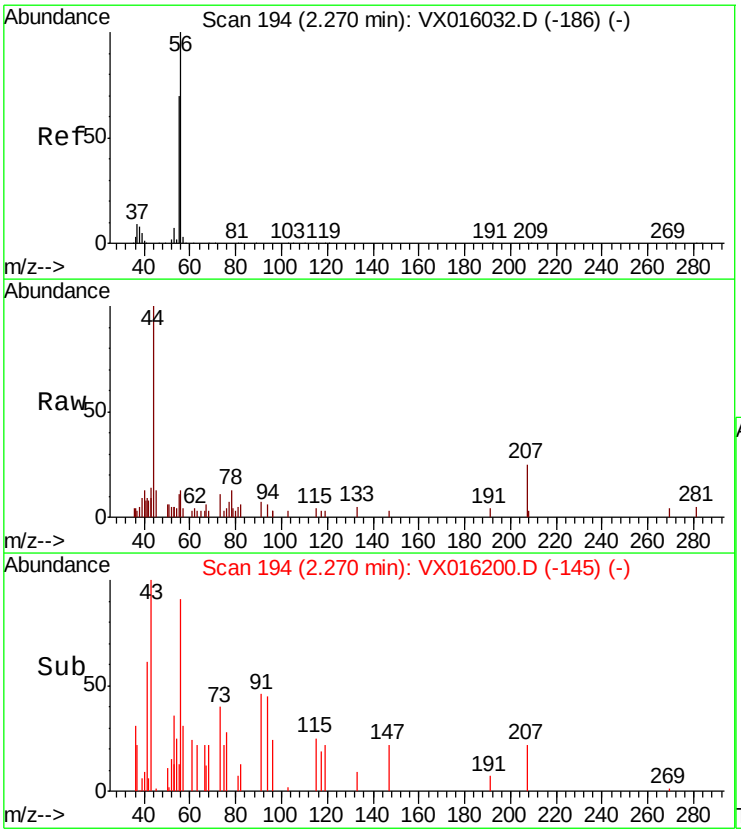
#11
Tert butyl alcohol
Concen: 2.621 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016200.D
Acq: 14 May 2020 00:09

Instrument :
MSVOA_X
ClientSampleId :
PB128838ZHE#01

Tgt Ion: 59 Resp: 2359

Ion	Ratio	Lower	Upper
59	100		
57	5.9	8.2	12.4#

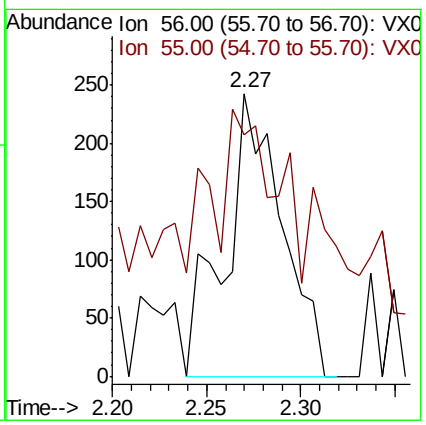


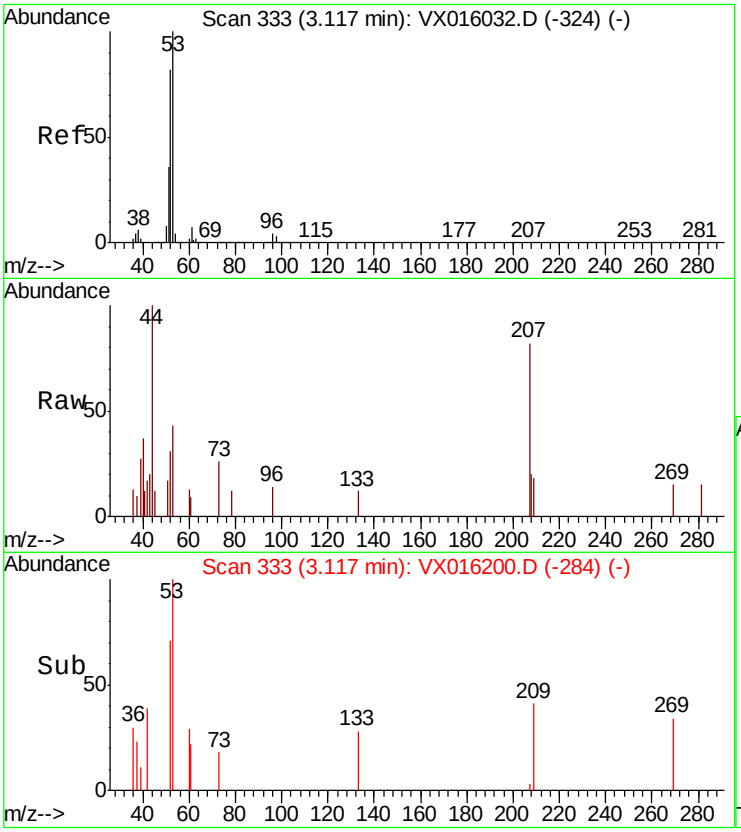


#13
Acrolein
Concen: 0.906 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016200.D
Acq: 14 May 2020 00:09

Tgt Ion: 56 Resp: 510

Ion	Ratio	Lower	Upper
56	100		
55	63.3	56.5	84.7



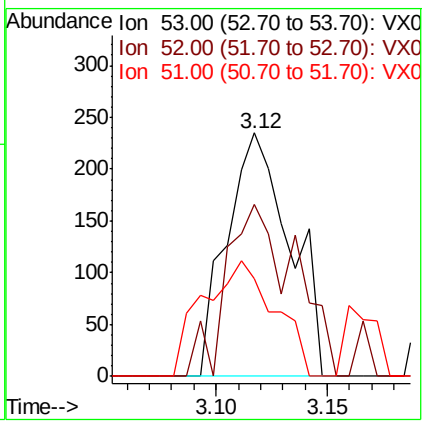


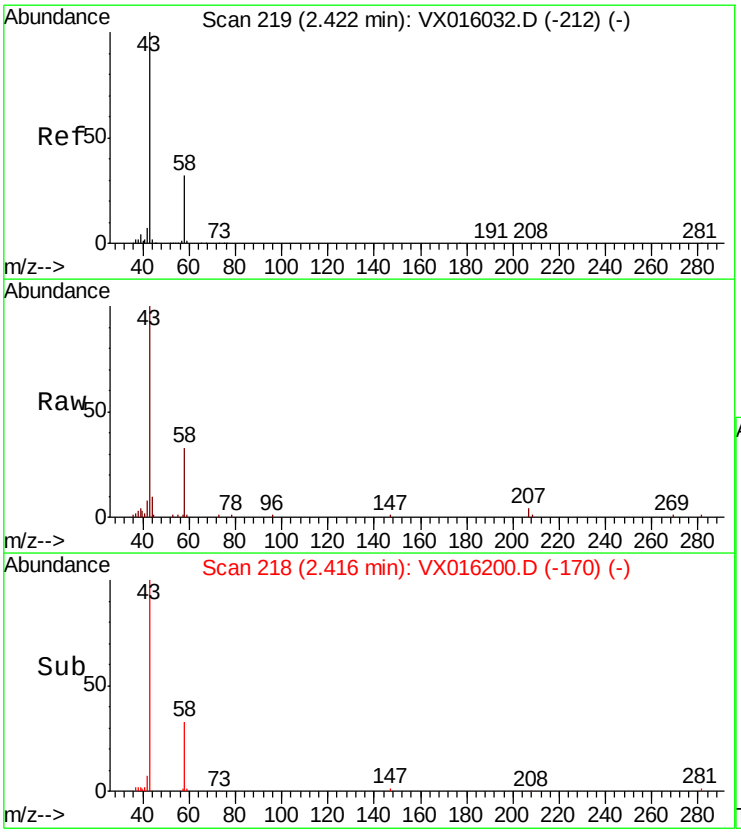
#15
Acrylonitrile
Concen: 0.249 ug/l
RT: 3.12 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX016200.D
Acq: 14 May 2020 00:09

Instrument : MSVOA_X
ClientSampleId : PB128838ZHE#01

Tgt Ion: 53 Resp: 464

Ion	Ratio	Lower	Upper
53	100		
52	76.9	66.1	99.1
51	54.1	28.8	43.2#

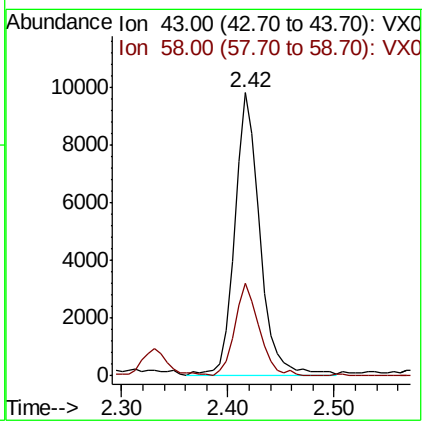


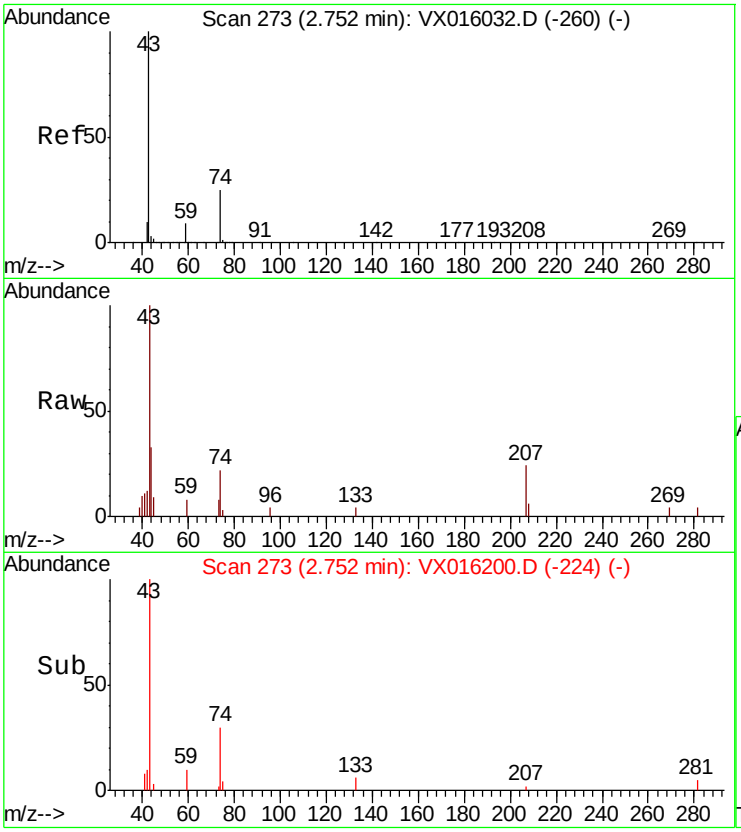


#16
Acetone
Concen: 10.358 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX016200.D
Acq: 14 May 2020 00:09

Tgt Ion: 43 Resp: 16446

Ion	Ratio	Lower	Upper
43	100		
58	32.0	25.4	38.0



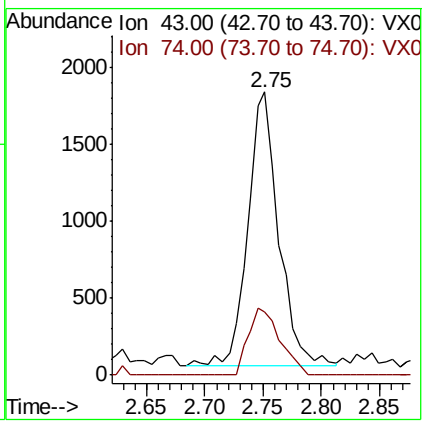


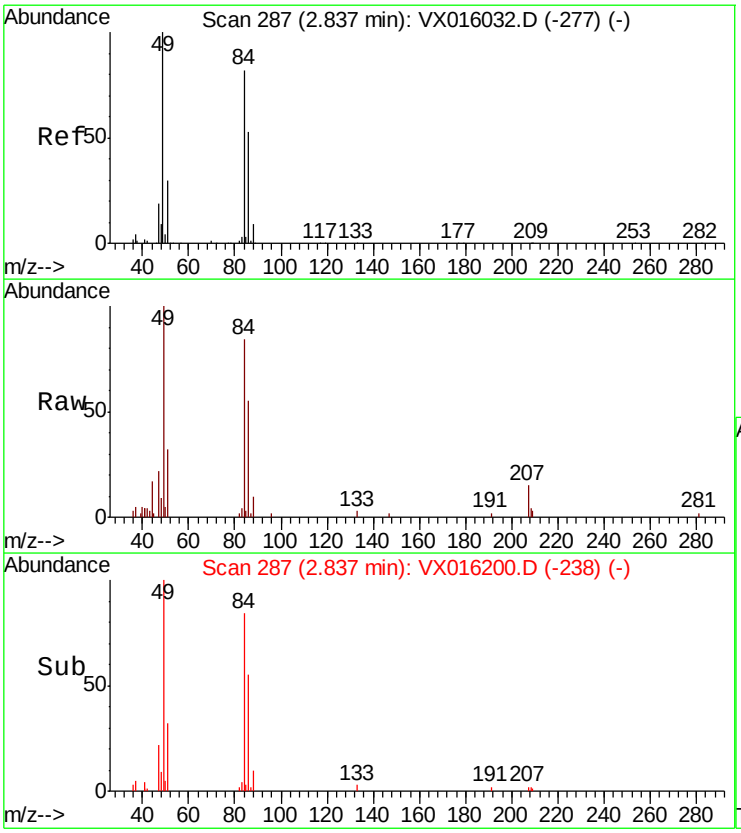
#18
Methyl Acetate
Concen: 0.837 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX016200.D
Acq: 14 May 2020 00:09

Instrument :
MSVOA_X
ClientSampleId :
PB128838ZHE#01

Tgt Ion: 43 Resp: 3266

Ion	Ratio	Lower	Upper
43	100		
74	25.3	20.2	30.2

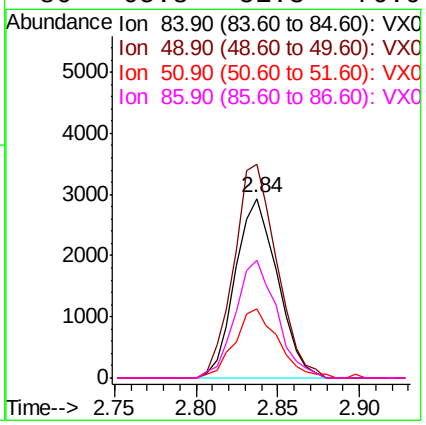


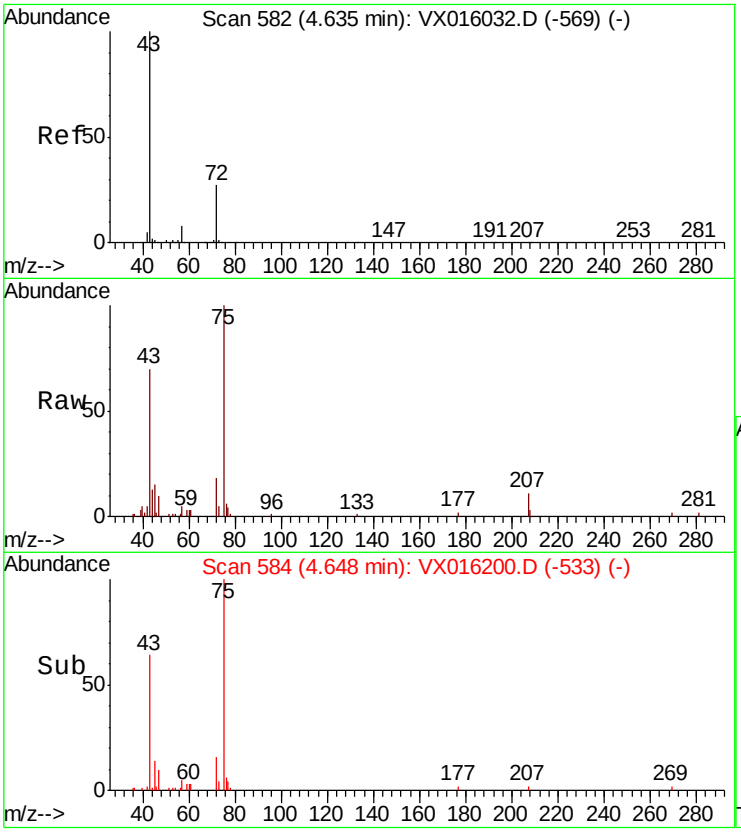


#20
Methylene Chloride
Concen: 1.618 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016200.D
Acq: 14 May 2020 00:09

Tgt Ion: 84 Resp: 5295

Ion	Ratio	Lower	Upper
84	100		
49	118.9	97.3	145.9
51	38.2	29.3	43.9
86	65.8	51.3	76.9



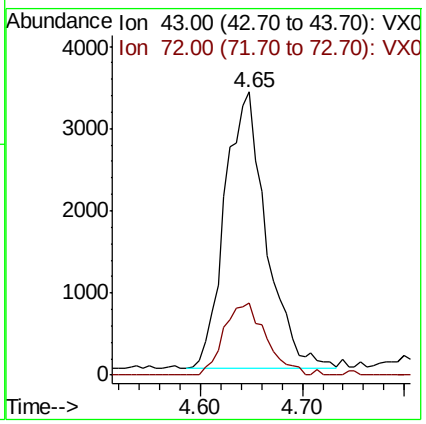


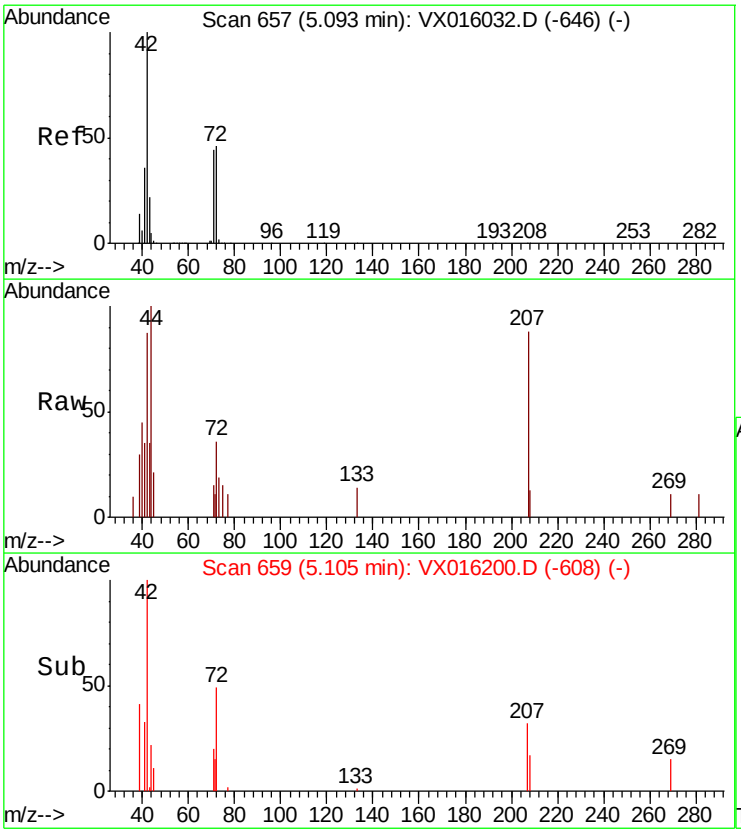
#25
2-Butanone
Concen: 3.726 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX016200.D
Acq: 14 May 2020 00:09

Instrument :
MSVOA_X
ClientSampleId :
PB128838ZHE#01

Tgt Ion: 43 Resp: 9533

Ion	Ratio	Lower	Upper
43	100		
72	26.2	21.8	32.8

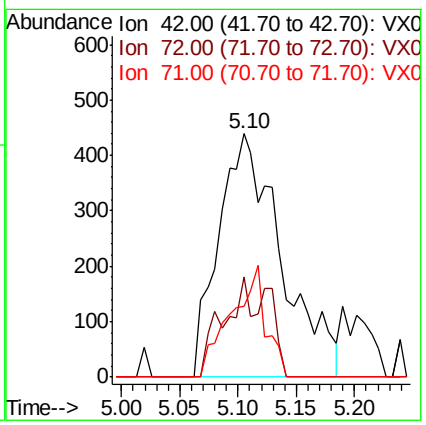


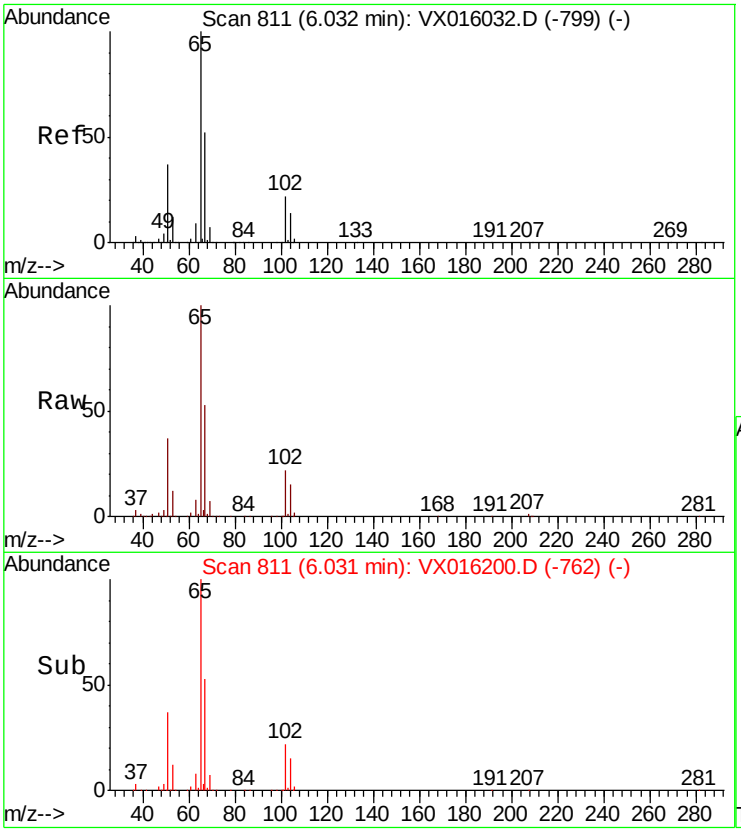


#29
Tetrahydrofuran
Concen: 0.971 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX016200.D
Acq: 14 May 2020 00:09

Tgt Ion: 42 Resp: 1647

Ion	Ratio	Lower	Upper
42	100		
72	4.9	37.1	55.7#
71	25.4	34.5	51.7#



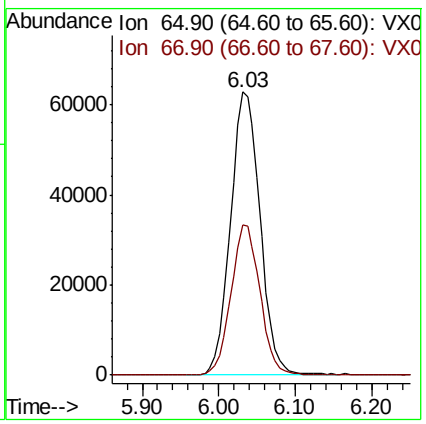


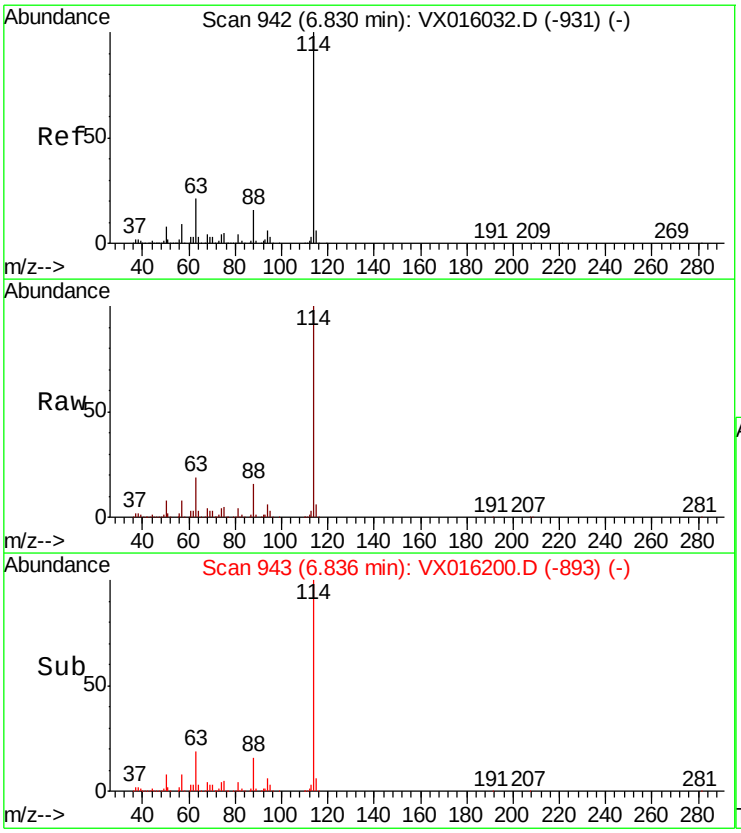
#33
1,2-Dichloroethane-d4
Concen: 47.255 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016200.D
Acq: 14 May 2020 00:09

Instrument : MSVOA_X
ClientSampleId : PB128838ZHE#01

Tgt Ion: 65 Resp: 168160

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	104.8

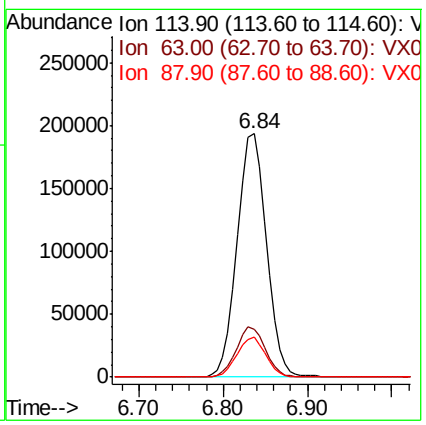


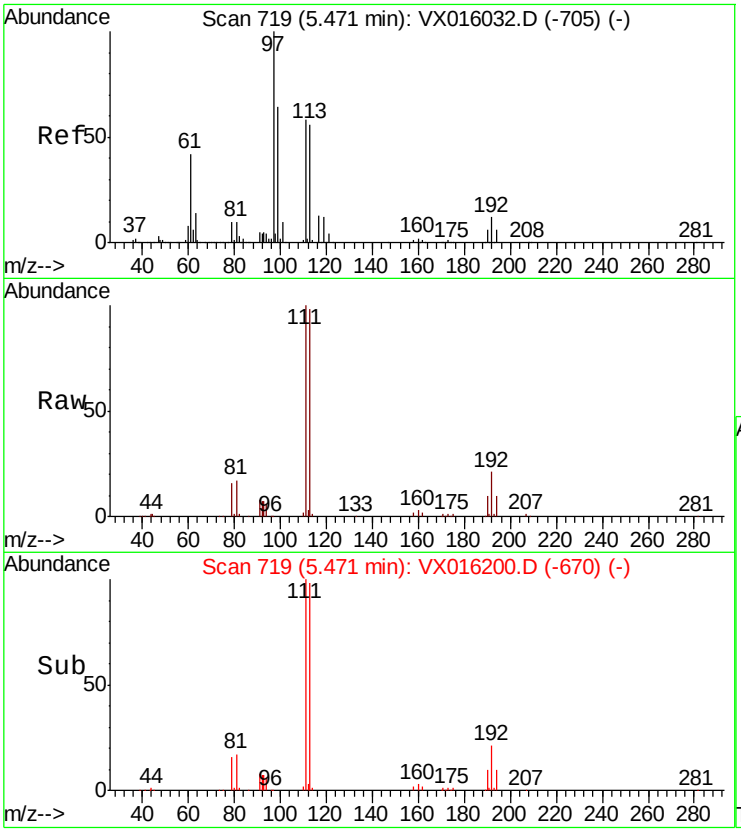


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX016200.D
Acq: 14 May 2020 00:09

Tgt Ion:114 Resp: 455630

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	42.8
88	16.3	0.0	31.4



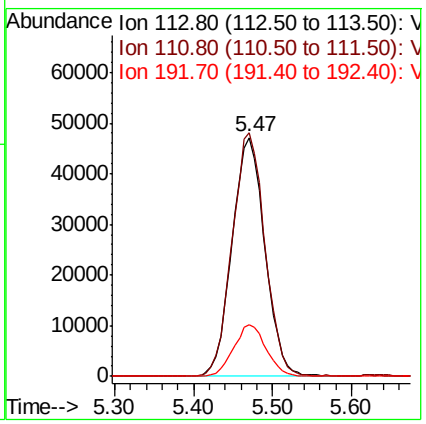


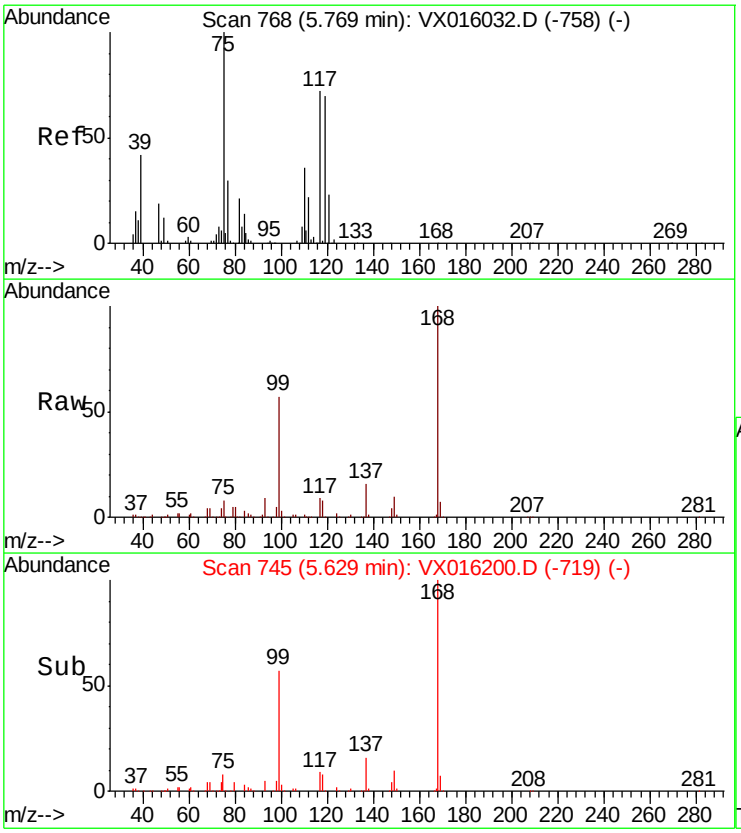
#35
Dibromofluoromethane
Concen: 47.181 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016200.D
Acq: 14 May 2020 00:09

Instrument :
MSVOA_X
ClientSampleId :
PB128838ZHE#01

Tgt Ion:113 Resp: 136192

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.6	122.4
192	21.4	17.0	25.4

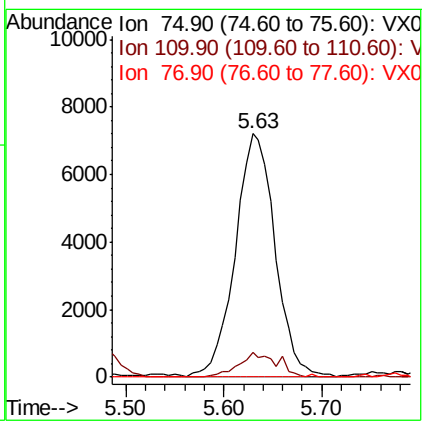


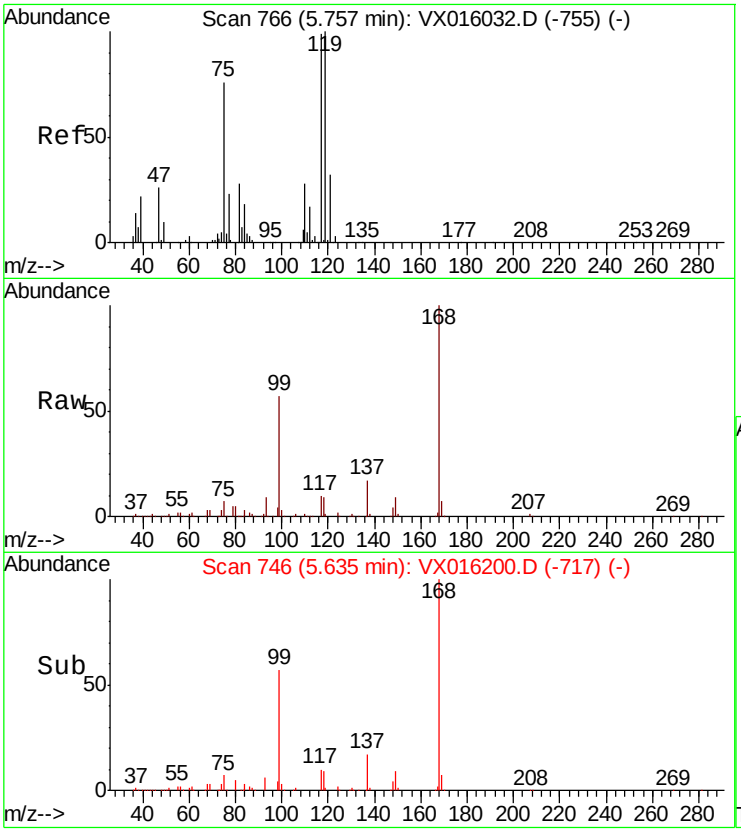


#36
1,1-Dichloropropene
Concen: 4.532 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX016200.D
Acq: 14 May 2020 00:09

Tgt Ion: 75 Resp: 20328

Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.1	54.1#
77	0.0	25.0	37.6#



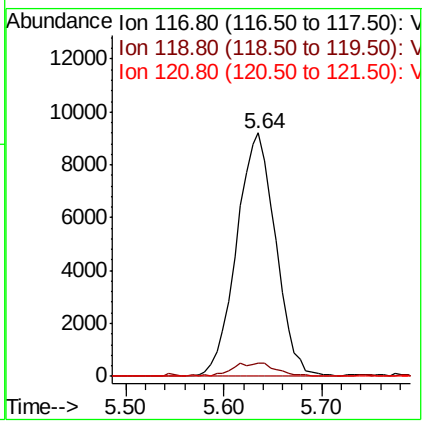


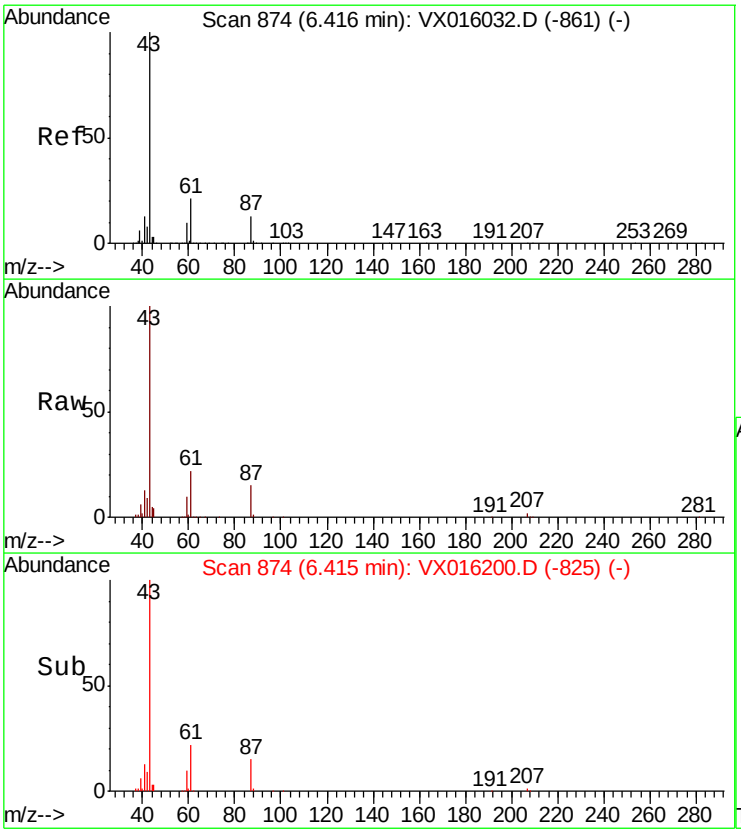
#38
Carbon Tetrachloride
Concen: 5.592 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX016200.D
Acq: 14 May 2020 00:09

Instrument :
MSVOA_X
ClientSampleId :
PB128838ZHE#01

Tgt Ion:117 Resp: 25491

Ion	Ratio	Lower	Upper
117	100		
119	5.5	80.3	120.5#
121	0.0	25.7	38.5#

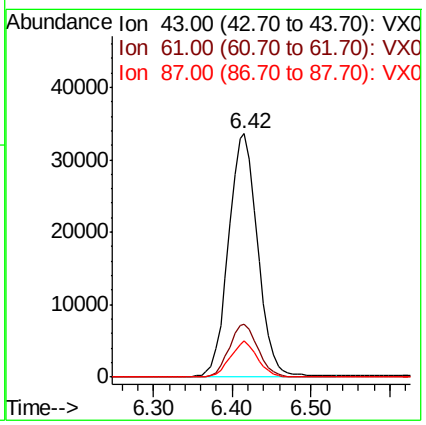


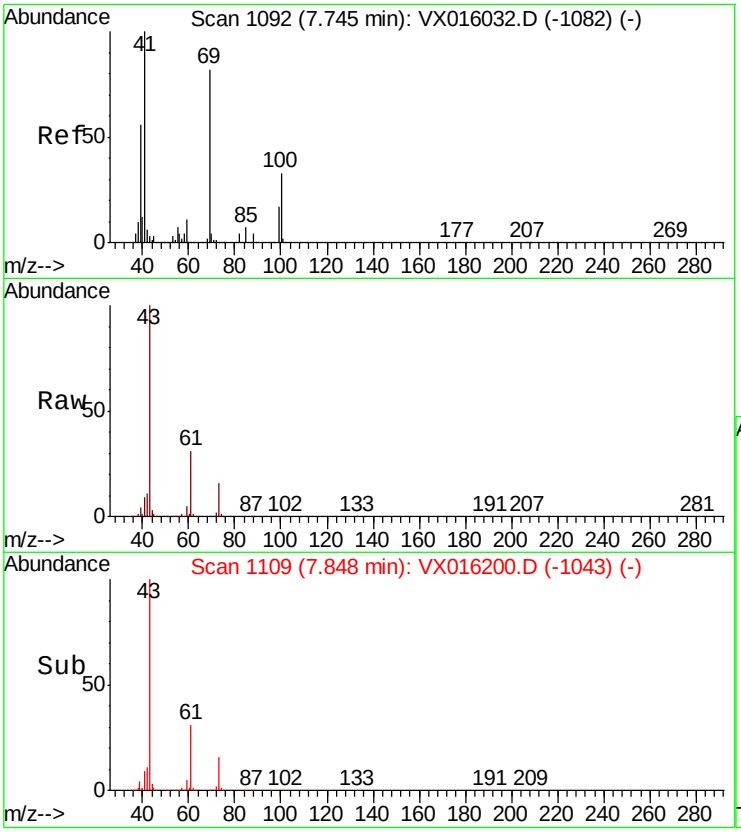


#43
Isopropyl Acetate
Concen: 10.328 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX016200.D
Acq: 14 May 2020 00:09

Tgt Ion: 43 Resp: 85657

Ion	Ratio	Lower	Upper
43	100		
61	21.7	17.0	25.4
87	14.0	11.0	16.6



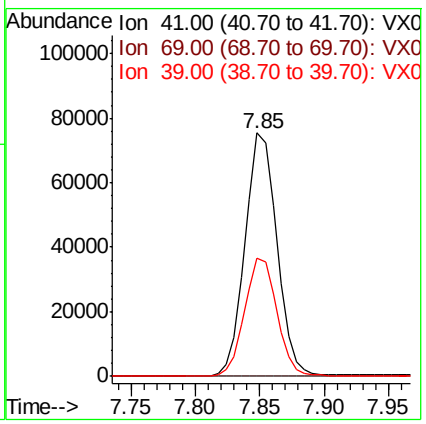


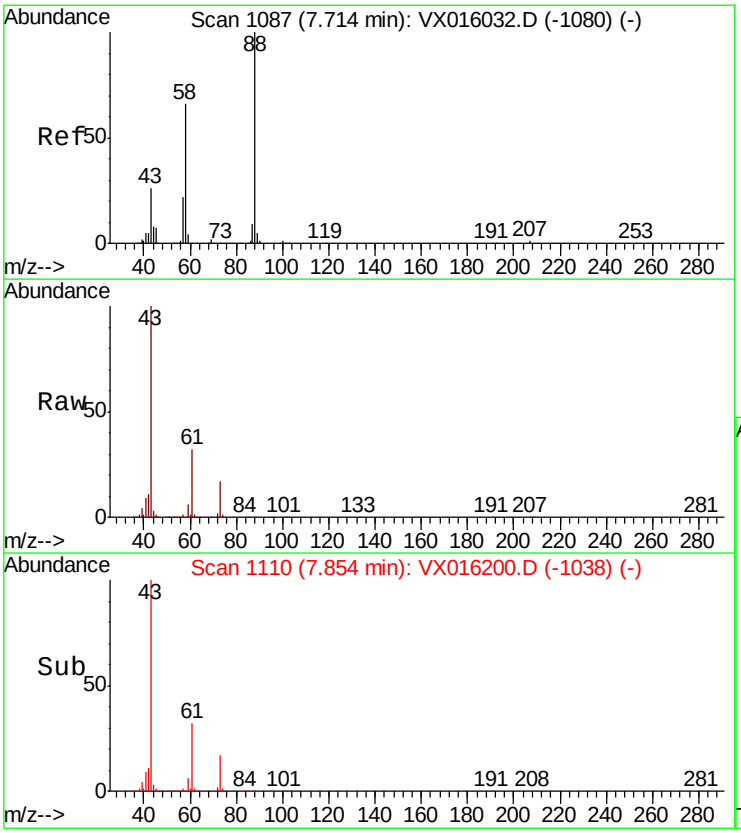
#48
Methyl methacrylate
Concen: 32.683 ug/l
RT: 7.85 min Scan# 1109
Delta R.T. 0.10 min
Lab File: VX016200.D
Acq: 14 May 2020 00:09

Instrument : MSVOA_X
ClientSampleId : PB128838ZHE#01

Tgt Ion: 41 Resp: 128447

Ion	Ratio	Lower	Upper
41	100		
69	0.2	67.8	101.6#
39	49.7	44.6	67.0

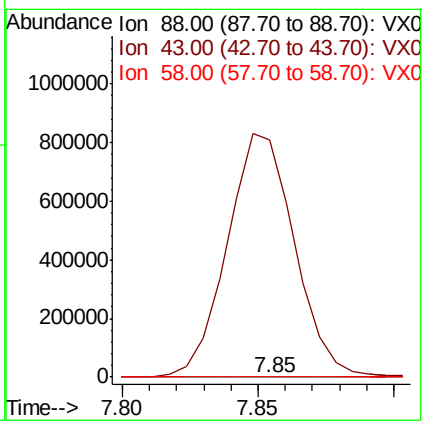


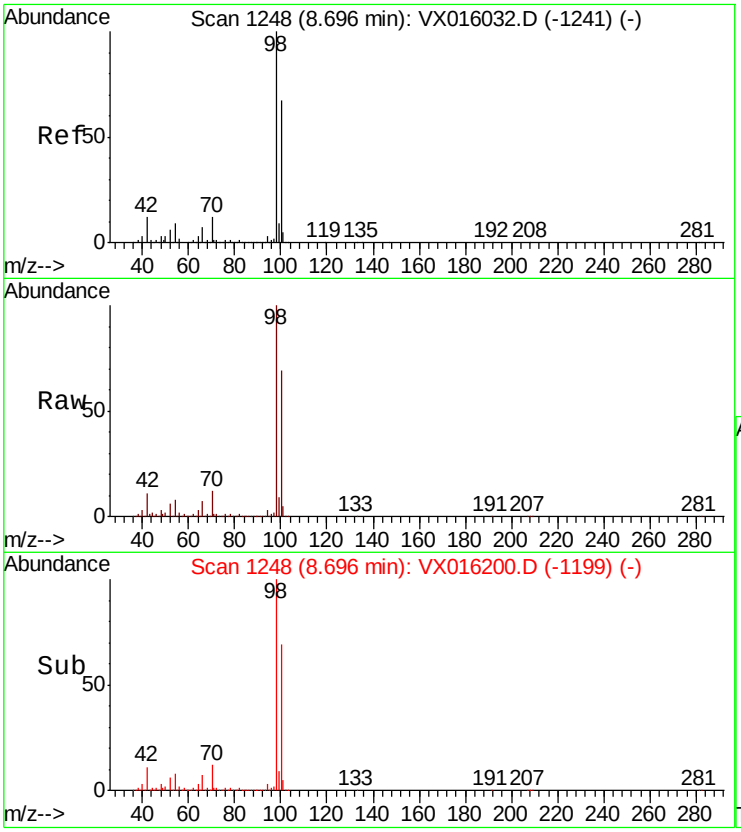


#49
1,4-Dioxane
Concen: 2.037 ug/l
RT: 7.85 min Scan# 1110
Delta R.T. 0.14 min
Lab File: VX016200.D
Acq: 14 May 2020 00:09

Tgt Ion: 88 Resp: 192

Ion	Ratio	Lower	Upper
88	100		
43	749171.9	25.3	37.9#
58	3115.1	55.9	83.9#



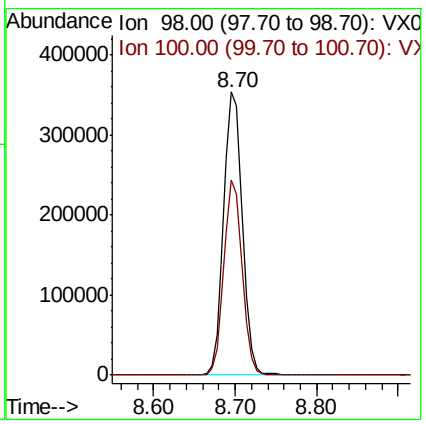


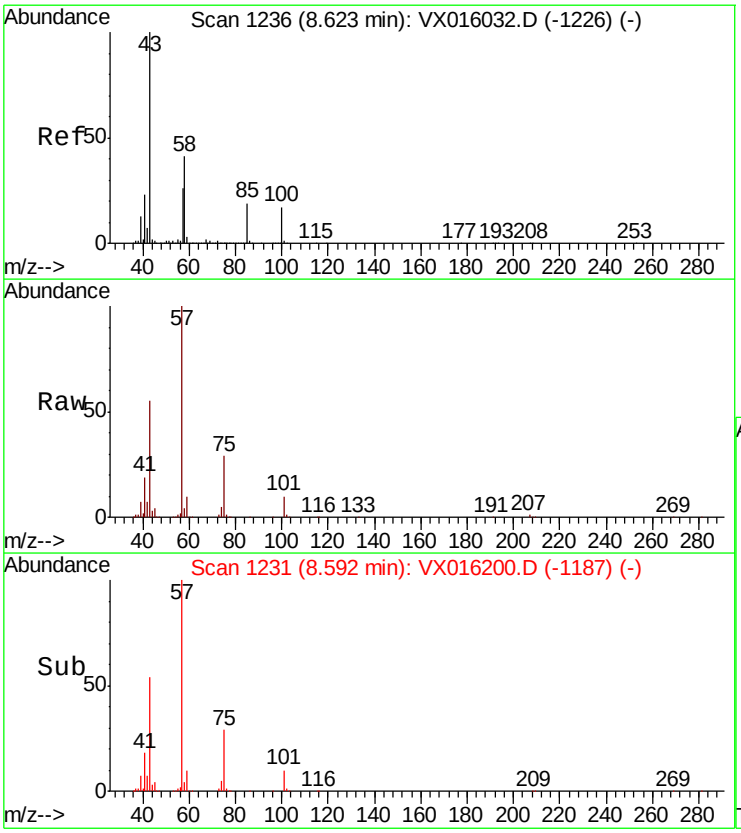
#50
Toluene-d8
Concen: 50.347 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016200.D
Acq: 14 May 2020 00:09

Instrument :
MSVOA_X
ClientSampleId :
PB128838ZHE#01

Tgt Ion: 98 Resp: 559979

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.7	80.5

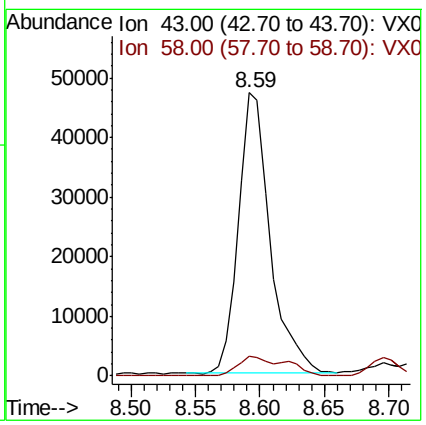


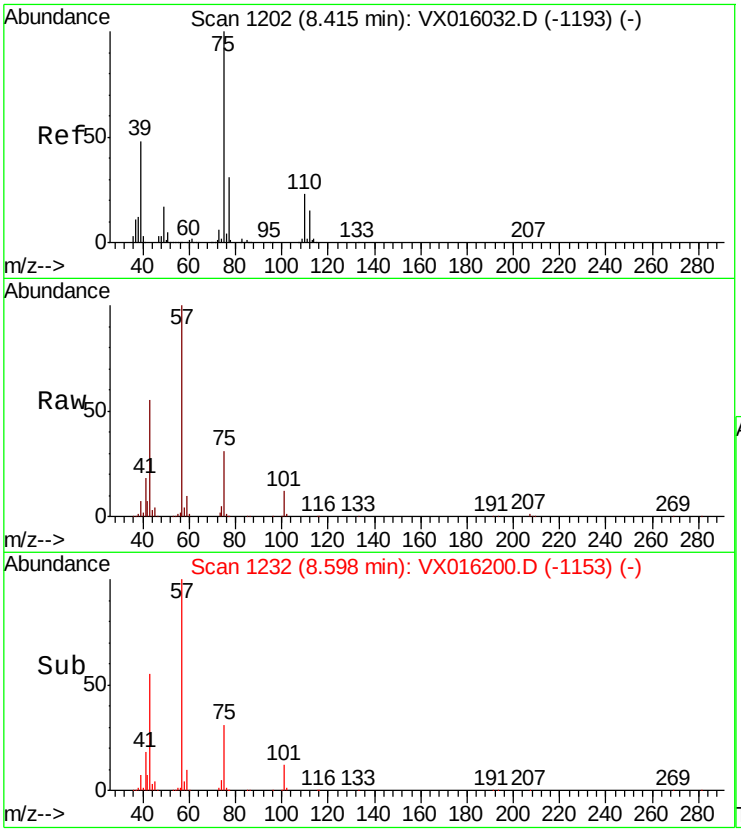


#51
4-Methyl-2-Pentanone
Concen: 15.778 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.03 min
Lab File: VX016200.D
Acq: 14 May 2020 00:09

Tgt Ion: 43 Resp: 80083

Ion	Ratio	Lower	Upper
43	100		
58	6.9	33.0	49.4#



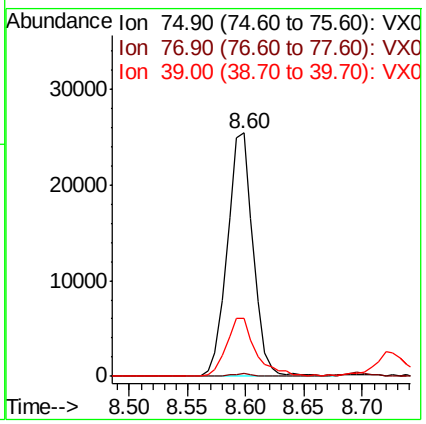


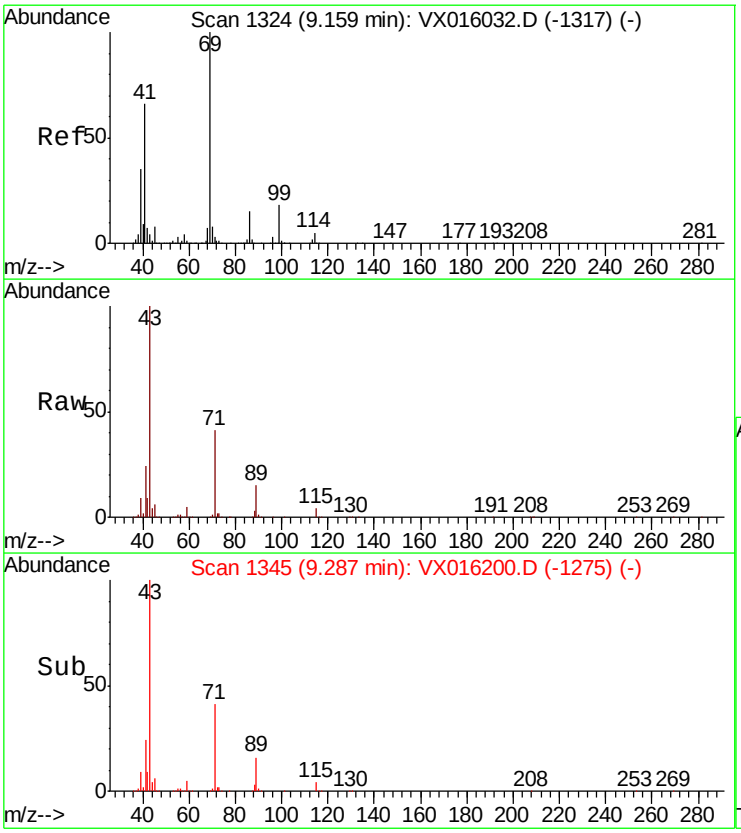
#54
cis-1,3-Dichloropropene
Concen: 6.873 ug/l
RT: 8.60 min Scan# 1232
Delta R.T. 0.18 min
Lab File: VX016200.D
Acq: 14 May 2020 00:09

Instrument :
MSVOA_X
ClientSampleId :
PB128838ZHE#01

Tgt Ion: 75 Resp: 39336

Ion	Ratio	Lower	Upper
75	100		
77	1.2	24.7	37.1#
39	23.7	38.7	58.1#

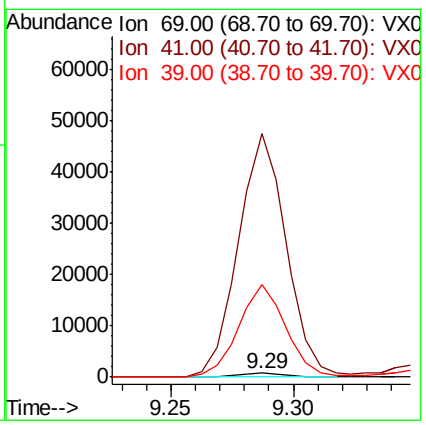


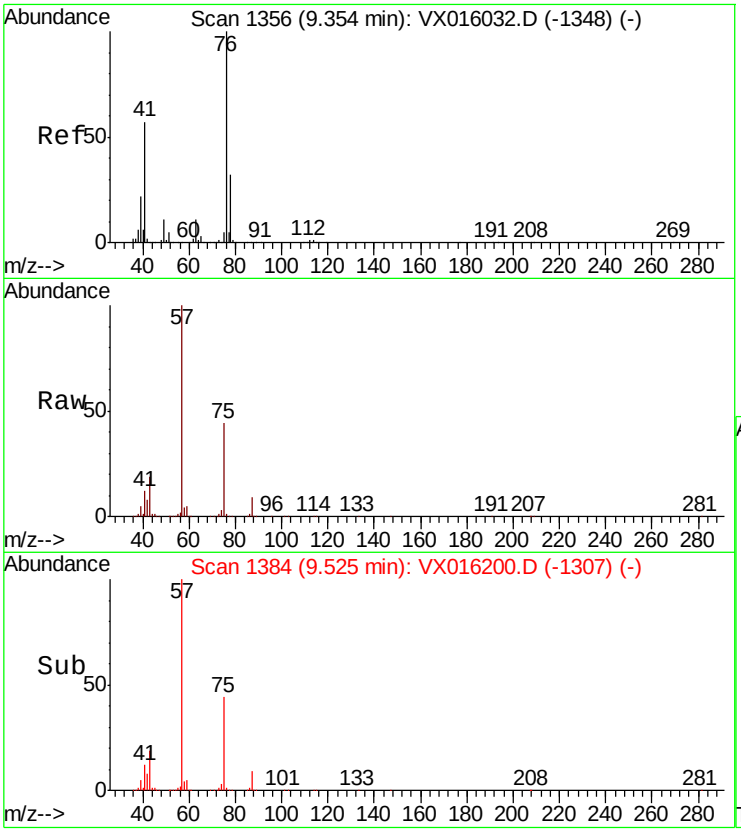


#56
Ethyl methacrylate
Concen: 0.202 ug/l
RT: 9.29 min Scan# 1345
Delta R.T. 0.13 min
Lab File: VX016200.D
Acq: 14 May 2020 00:09

Tgt Ion: 69 Resp: 1062

Ion	Ratio	Lower	Upper
69	100		
41	6113.6	52.2	78.4#
39	2312.2	28.2	42.4#



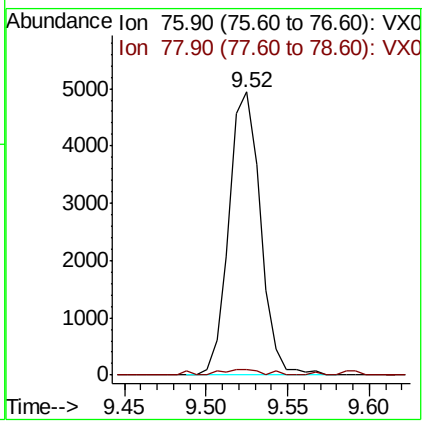


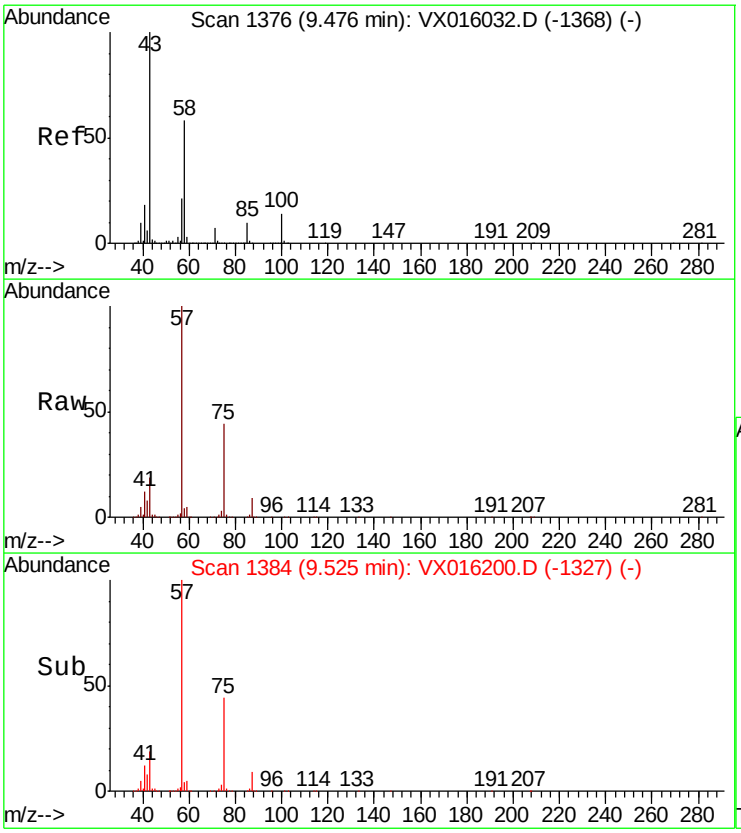
#57
1,3-Dichloropropane
Concen: 1.187 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.17 min
Lab File: VX016200.D
Acq: 14 May 2020 00:09

Instrument :
MSVOA_X
ClientSampleId :
PB128838ZHE#01

Tgt Ion: 76 Resp: 6663

Ion	Ratio	Lower	Upper
76	100		
78	2.5	25.9	38.9#

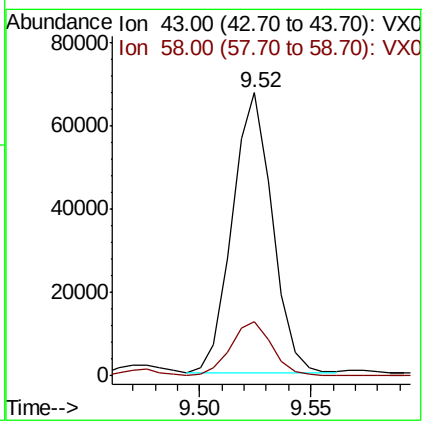


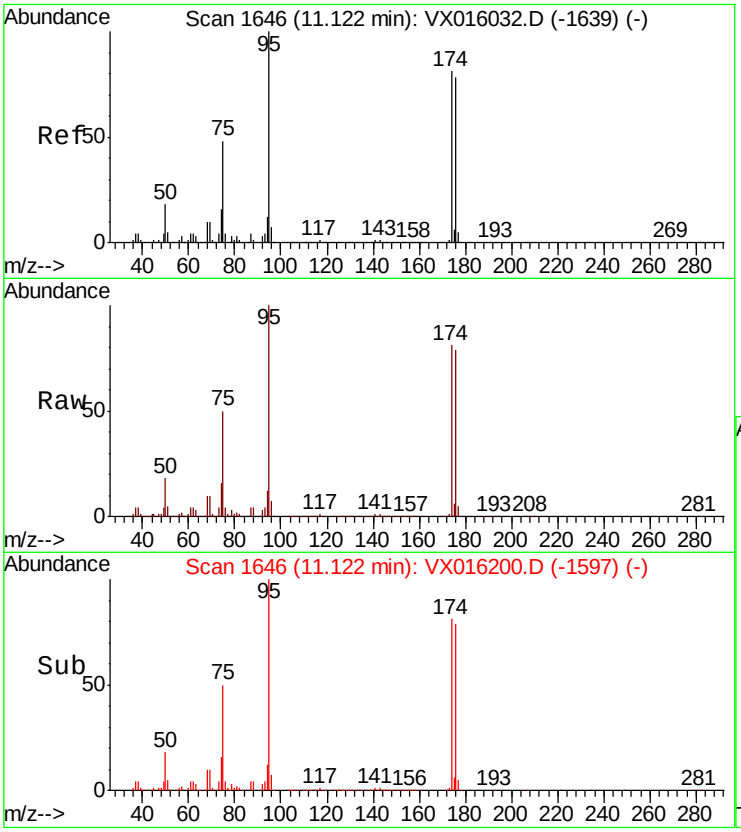


#59
2-Hexanone
Concen: 21.220 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX016200.D
Acq: 14 May 2020 00:09

Tgt Ion: 43 Resp: 84579

Ion	Ratio	Lower	Upper
43	100		
58	20.3	28.6	85.9#



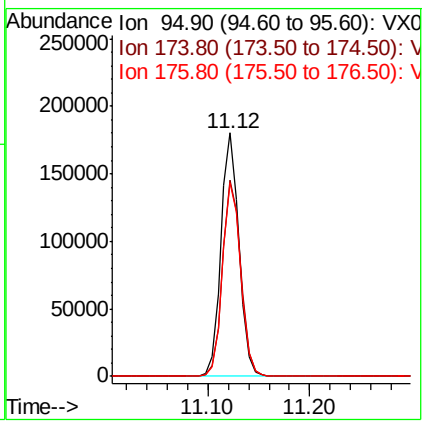


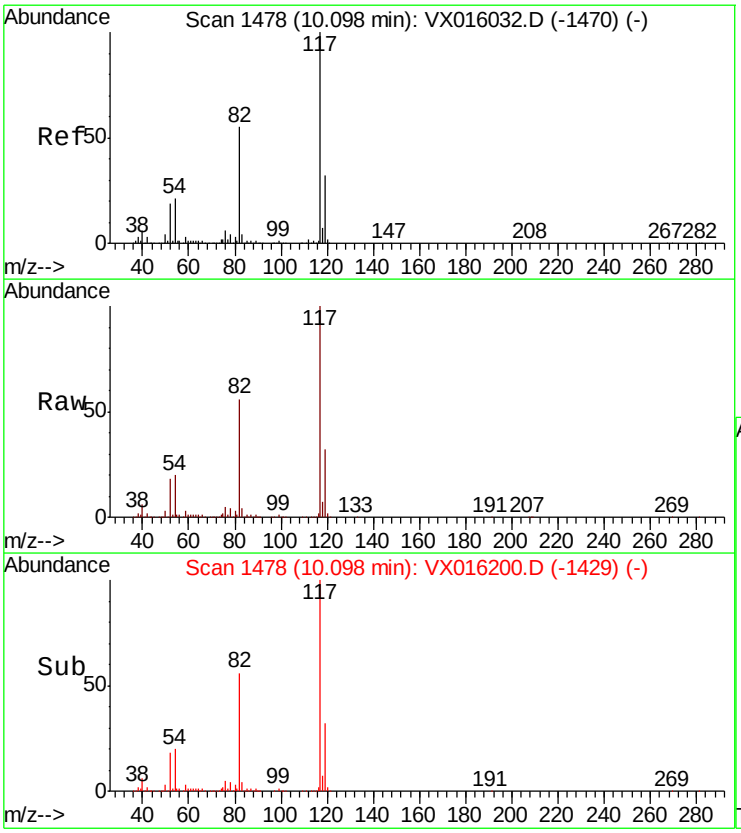
#62
4-Bromofluorobenzene
Concen: 52.347 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016200.D
Acq: 14 May 2020 00:09

Instrument :
MSVOA_X
ClientSampleId :
PB128838ZHE#01

Tgt Ion: 95 Resp: 221449

Ion	Ratio	Lower	Upper
95	100		
174	81.4	0.0	159.4
176	80.3	0.0	157.6

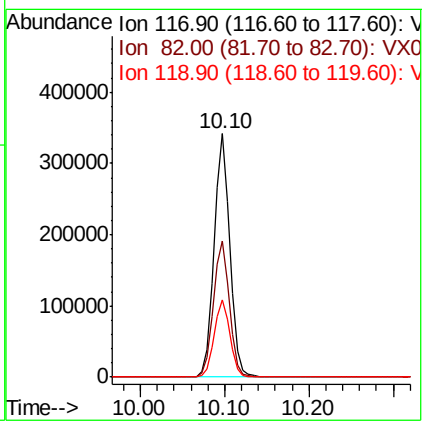


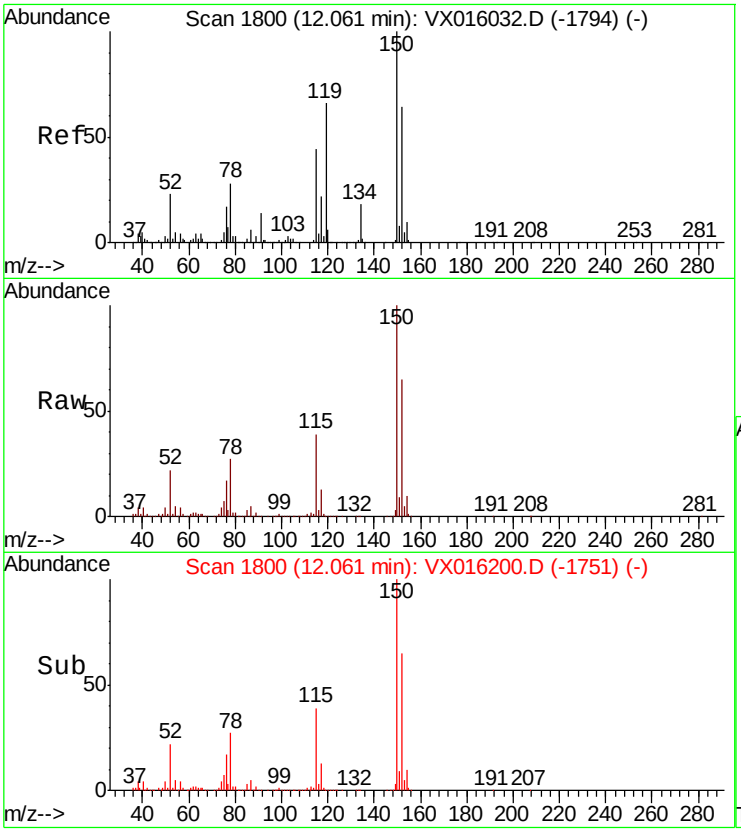


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016200.D
Acq: 14 May 2020 00:09

Tgt Ion:117 Resp: 441564

Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.4	66.6
119	31.6	25.5	38.3



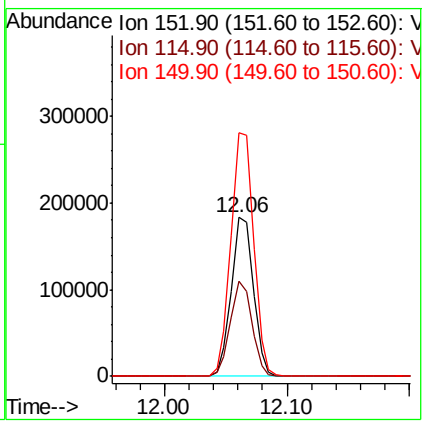


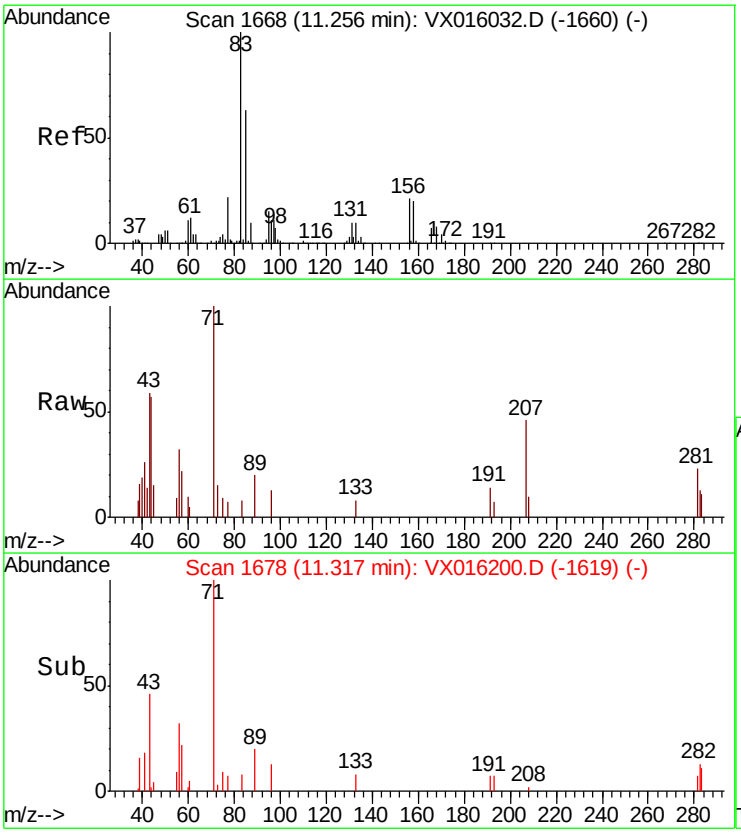
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016200.D
Acq: 14 May 2020 00:09

Instrument :
MSVOA_X
ClientSampleId :
PB128838ZHE#01

Tgt Ion:152 Resp: 228207

Ion	Ratio	Lower	Upper
152	100		
115	58.9	41.3	124.1
150	157.8	0.0	352.2

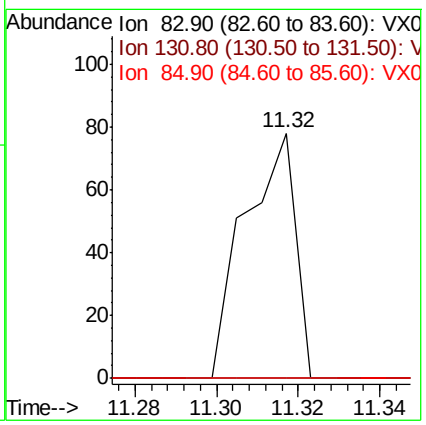


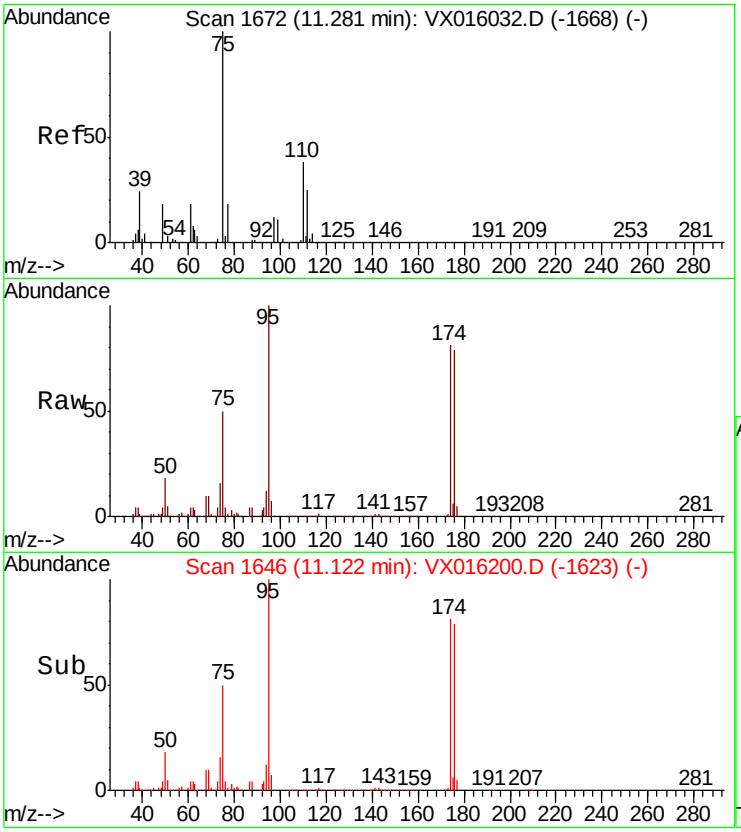


#75
1,1,2,2-Tetrachloroethane
Concen: 2.071 ug/l
RT: 11.32 min Scan# 1678
Delta R.T. 0.06 min
Lab File: VX016200.D
Acq: 14 May 2020 00:09

Tgt Ion: 83 Resp: 68

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.4#
85	0.0	32.0	96.0#



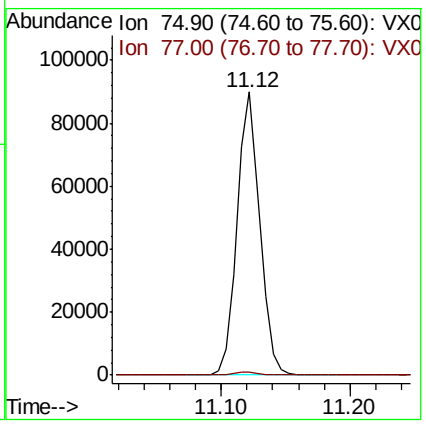


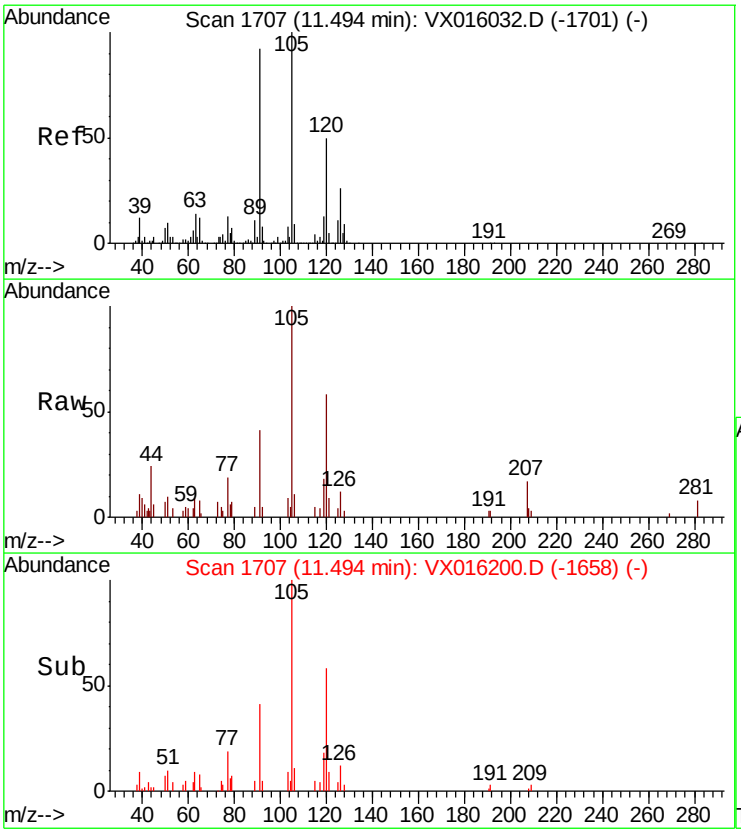
#76
1,2,3-Trichloropropane
Concen: 21.144 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX016200.D
Acq: 14 May 2020 00:09

Instrument :
MSVOA_X
ClientSampleId :
PB128838ZHE#01

Tgt Ion: 75 Resp: 109496

Ion	Ratio	Lower	Upper
75	100		
77	1.4	21.2	63.6#

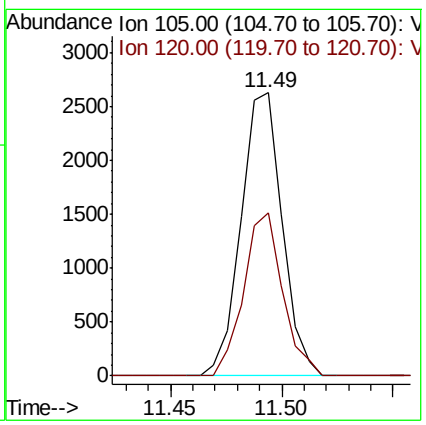


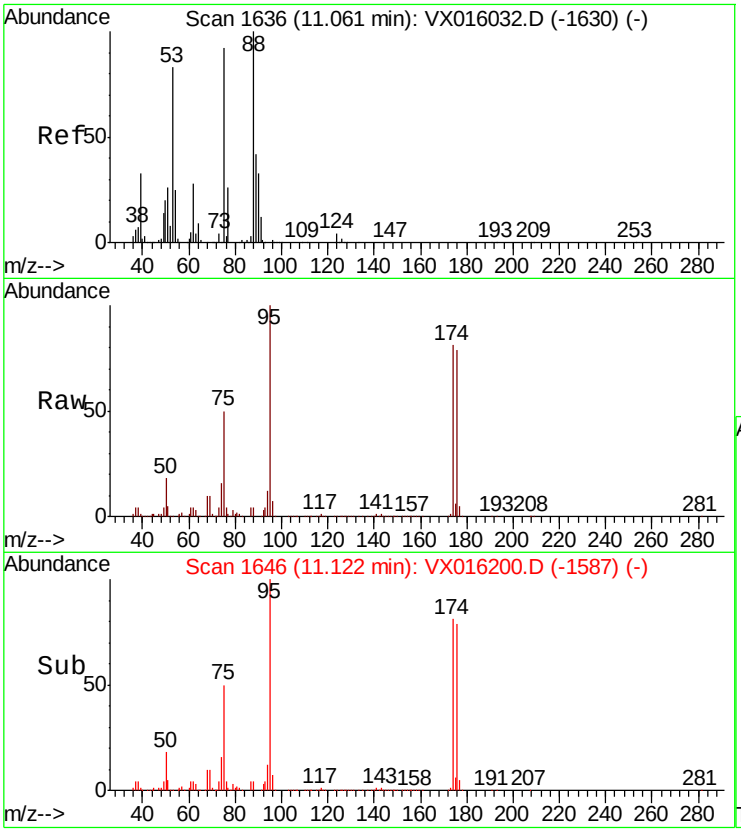


#80
1,3,5-Trimethylbenzene
Concen: 0.242 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016200.D
Acq: 14 May 2020 00:09

Tgt Ion:105 Resp: 3396

Ion	Ratio	Lower	Upper
105	100		
120	54.5	24.6	74.0



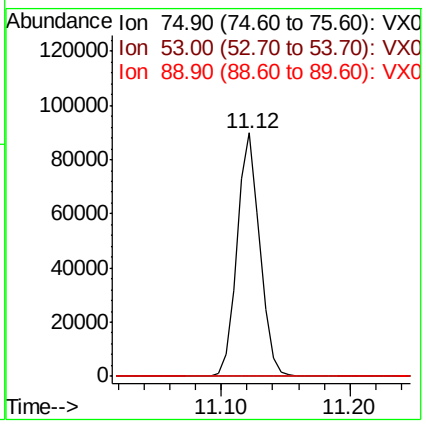


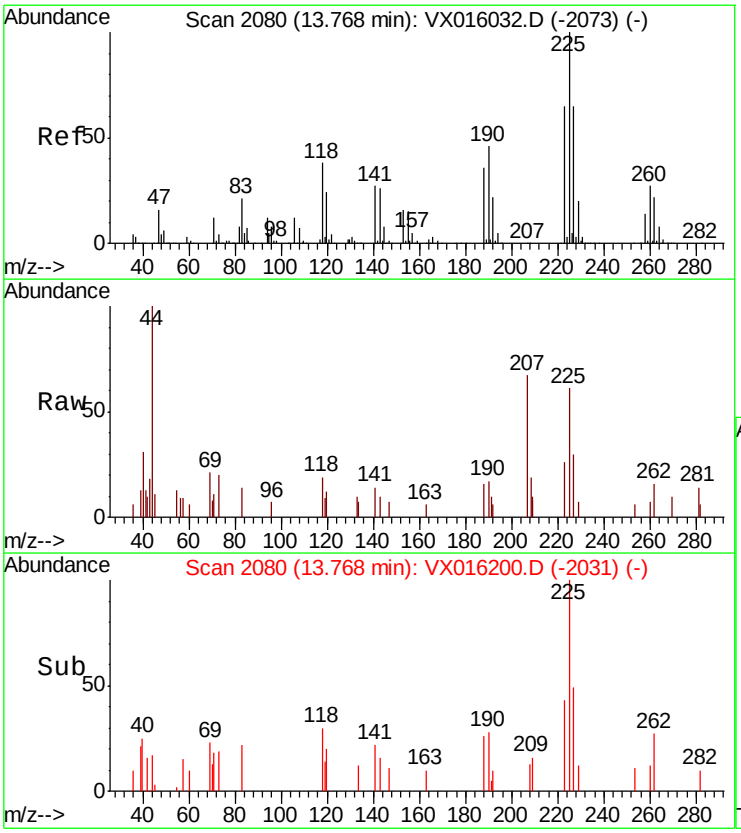
#81
trans-1,4-Dichloro-2-butene
Concen: 50.388 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX016200.D
Acq: 14 May 2020 00:09

Instrument :
MSVOA_X
ClientSampleId :
PB128838ZHE#01

Tgt Ion: 75 Resp: 109496

Ion	Ratio	Lower	Upper
75	100		
53	0.1	73.1	109.7#
89	0.0	36.7	55.1#





#94
Hexachlorobutadiene
Concen: 0.728 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX016200.D
Acq: 14 May 2020 00:09

Tgt Ion:225 Resp: 489

Ion	Ratio	Lower	Upper
225	100		
223	62.2	32.3	96.9
227	51.3	31.8	95.4