Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051420\
Data File : VX016253.D
Acq On : 15 May 2020 00:42
Operator : JC/SP
Sample : PB128866ZHE#01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB128866ZHE#01

Quant Time: May 15 01:41:05 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	5.63	168	251009	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.84	114	419073	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.10	117	415580	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	209846	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.04	65	151918	45.99	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.98%				
35) Dibromofluoromethane	5.47	113	125041	47.10	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.20%				
50) Toluene-d8	8.70	98	521568	50.98	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.96%				
62) 4-Bromofluorobenzene	11.12	95	208361	53.55	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.10%				
Target Compounds							Qvalue
5) Bromomethane	1.65	94	437	0.26	ug/l	#	18
11) Tert butyl alcohol	3.01	59	2213	2.65	ug/l		100
13) Acrolein	2.28	56	473	0.90	ug/l	#	23
15) Acrylonitrile	3.11	53	504	0.29	ug/l	#	86
16) Acetone	2.42	43	14490	9.83	ug/l		95
18) Methyl Acetate	2.75	43	2904	0.80	ug/l		90
20) Methylene Chloride	2.84	84	11024	3.63	ug/l		92
25) 2-Butanone	4.64	43	11457	4.82	ug/l		98
29) Tetrahydrofuran	5.10	42	1203	0.76	ug/l	#	74
36) 1,1-Dichloropropene	5.63	75	18315	4.44	ug/l	#	49
37) Ethyl Acetate	4.64	43	11542	2.41	ug/l	#	67
38) Carbon Tetrachloride	5.63	117	23874	5.69	ug/l	#	15
43) Isopropyl Acetate	6.42	43	75855	9.94	ug/l		98
48) Methyl methacrylate	7.65	41	4847	1.34	ug/l	#	14
49) 1,4-Dioxane	7.86	88	233	2.69	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.60	43	71207	15.25	ug/l	#	50
52) Toluene	8.77	92	1538	0.20	ug/l		94
54) cis-1,3-Dichloropropene	8.60	75	35462	6.74	ug/l	#	55
56) Ethyl methacrylate	9.29	69	1068	0.22	ug/l	#	1
57) 1,3-Dichloropropane	9.52	76	6004	1.16	ug/l	#	44
59) 2-Hexanone	9.52	43	72949	19.90	ug/l	#	51
74) N-amyl acetate	10.80	43	4686	0.66	ug/l	#	46
75) 1,1,2,2-Tetrachloroethane	11.26	83	19	2.06	ug/l	#	26
76) 1,2,3-Trichloropropane	11.12	75	100811	21.17	ug/l	#	35
80) 1,3,5-Trimethylbenzene	11.49	105	3658	0.28	ug/l		95
81) trans-1,4-Dichloro-2-buten	11.12	75	100811	50.45	ug/l	#	13
94) Hexachlorobutadiene	13.76	225	429	0.72	ug/l		93

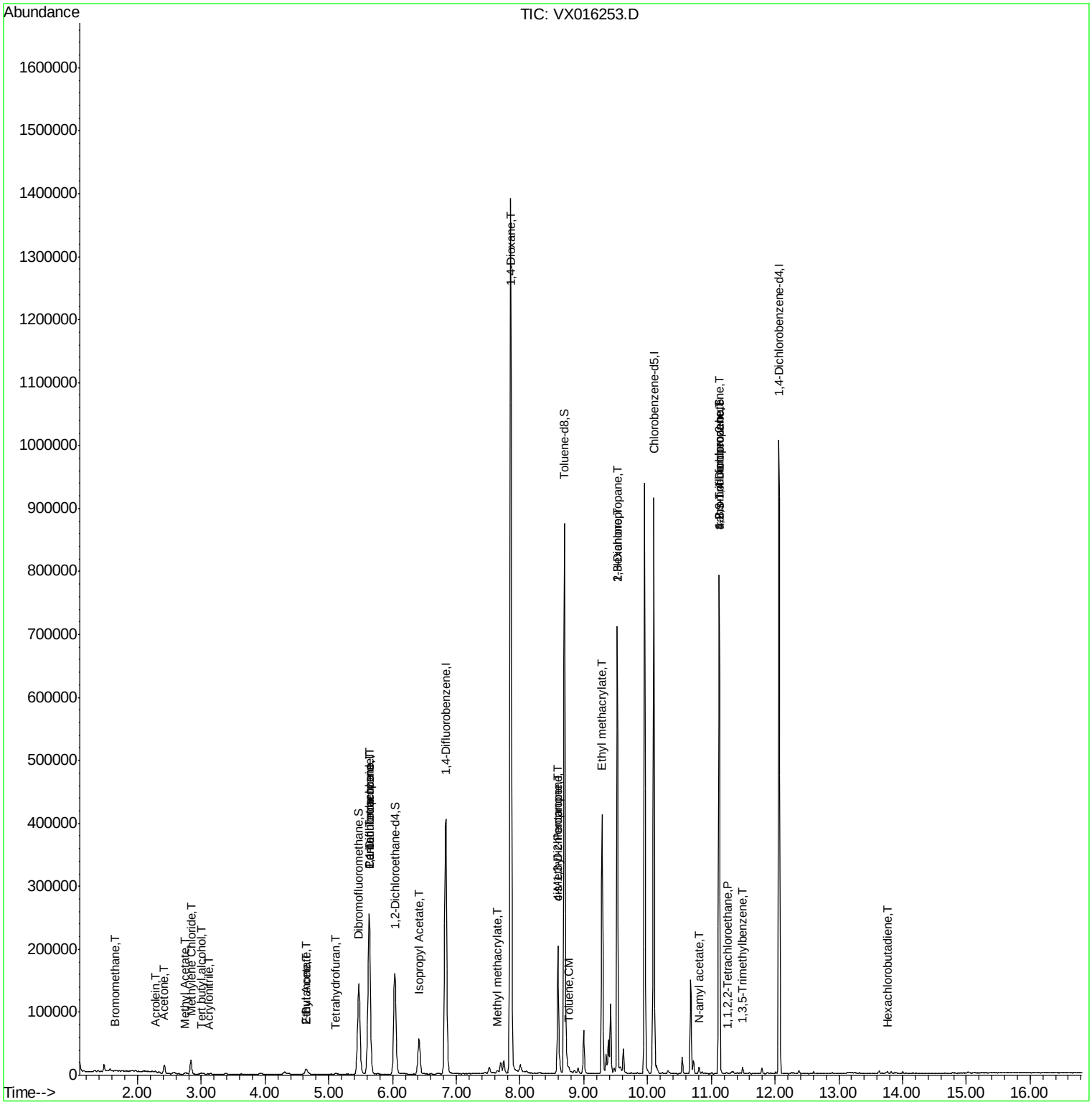
(#) = qualifier out of range (m) = manual integration (+) = signals summed

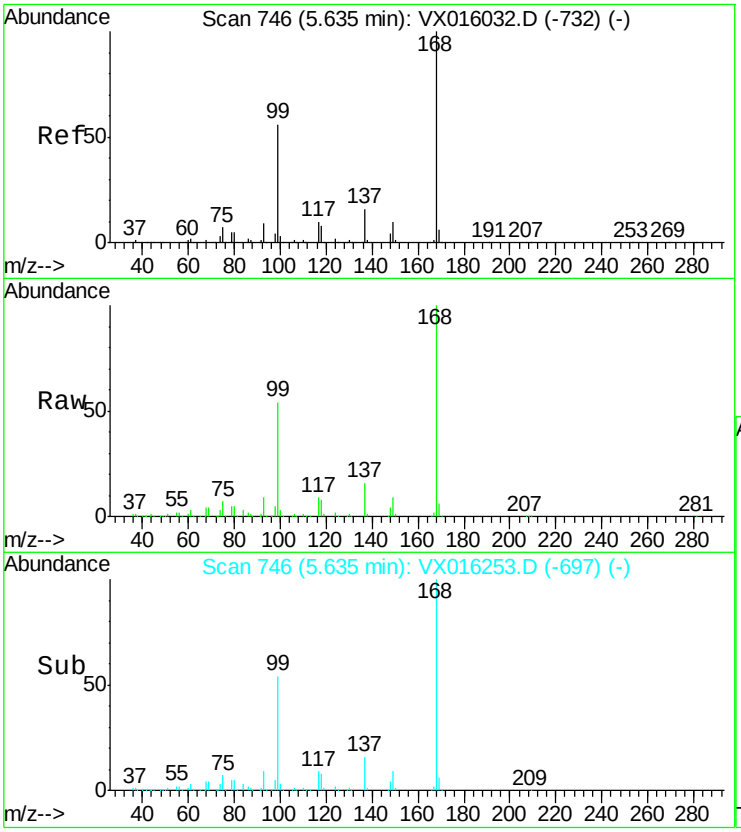
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051420\
Data File : VX016253.D
Acq On : 15 May 2020 00:42
Operator : JC/SP
Sample : PB128866ZHE#01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB128866ZHE#01

Quant Time: May 15 01:41:05 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



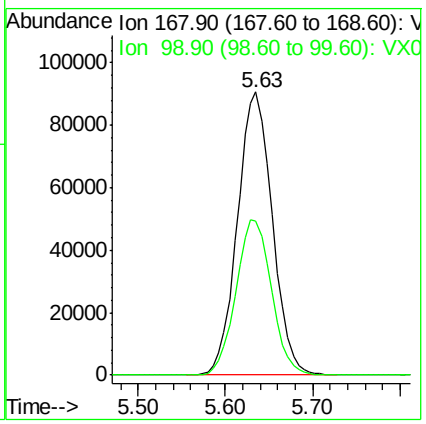


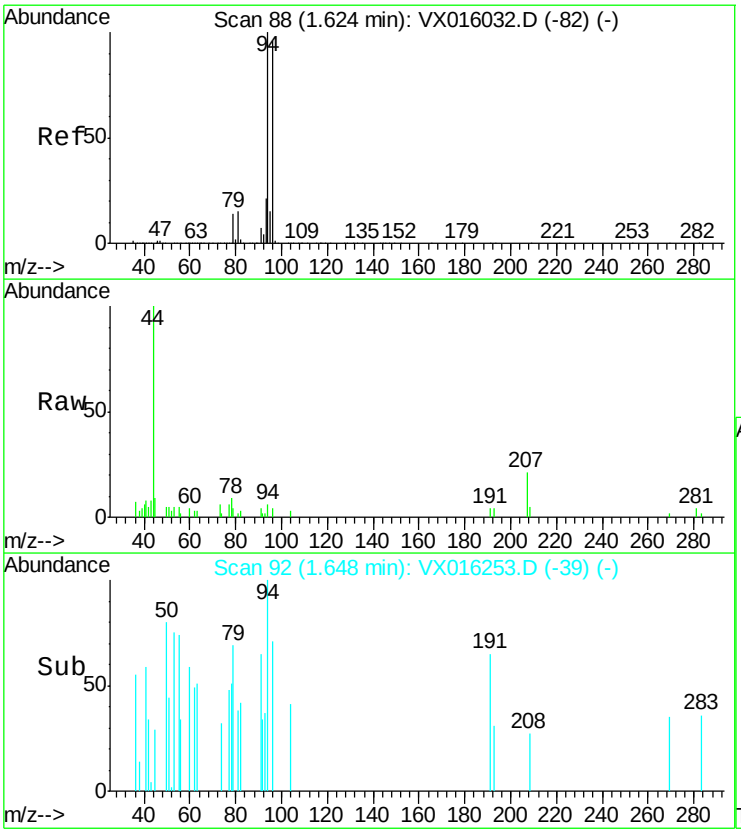
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.63 min Scan# 746
Delta R.T. -0.00 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Instrument :
MSVOA_X
ClientSampleId :
PB128866ZHE#01

Tgt Ion:168 Resp: 251009

Ion	Ratio	Lower	Upper
168	100		
99	54.3	45.0	67.4

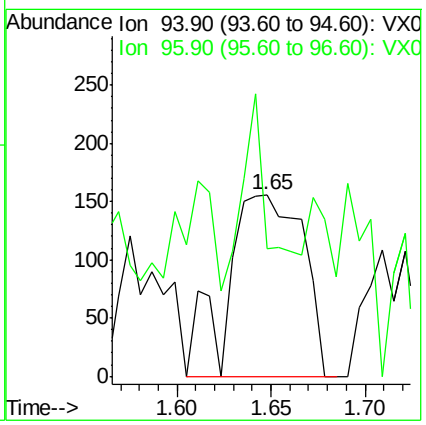


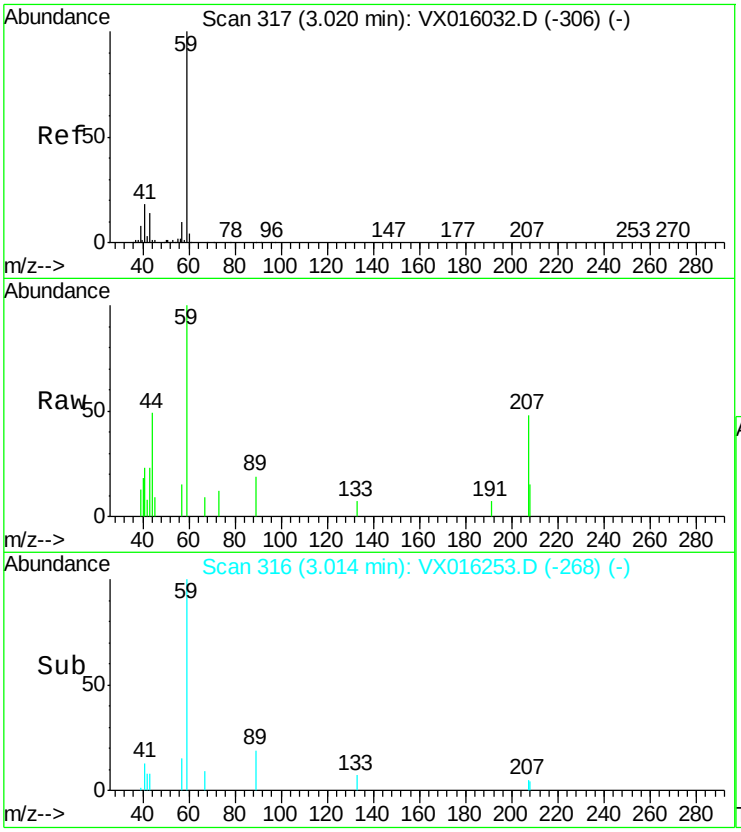


#5
Bromomethane
Concen: 0.26 ug/l
RT: 1.65 min Scan# 92
Delta R.T. 0.02 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Tgt Ion: 94 Resp: 437

Ion	Ratio	Lower	Upper
94	100		
96	16.0	76.9	115.3#



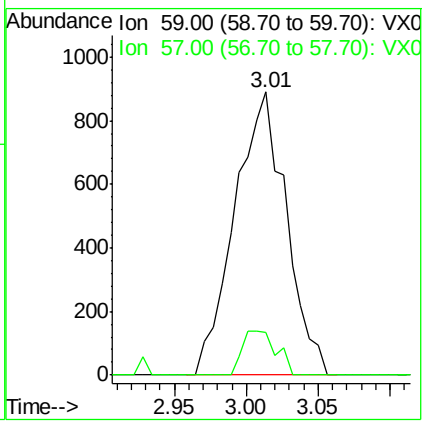


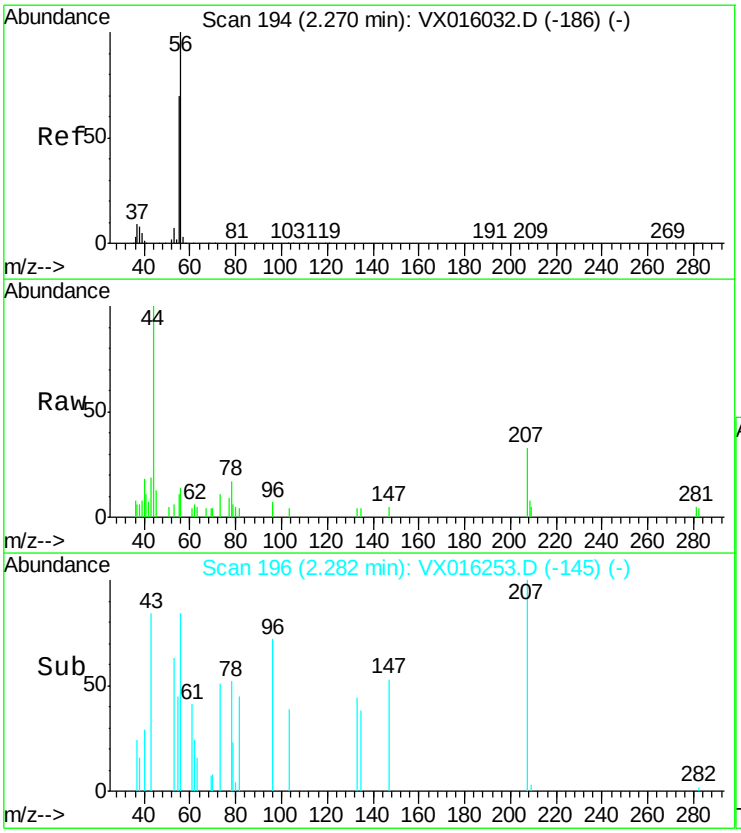
#11
Tert butyl alcohol
Concen: 2.65 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Instrument : MSVOA_X
ClientSampleId : PB128866ZHE#01

Tgt Ion: 59 Resp: 2213

Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4

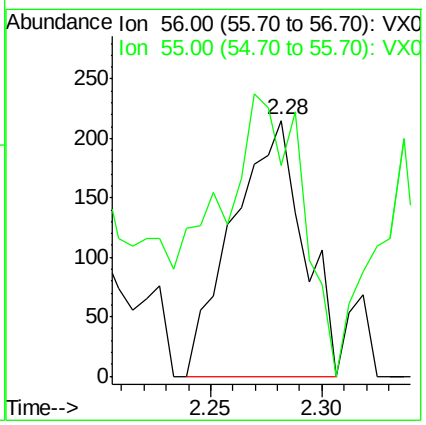


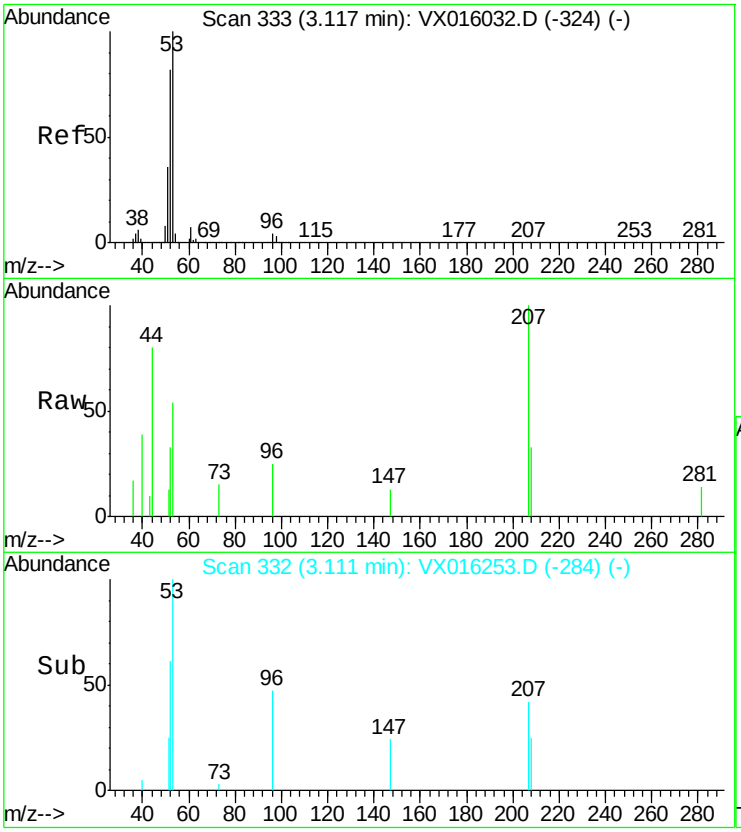


#13
Acrolein
Concen: 0.90 ug/l
RT: 2.28 min Scan# 196
Delta R.T. 0.01 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Tgt Ion: 56 Resp: 473

Ion	Ratio	Lower	Upper
56	100		
55	134.2	56.5	84.7#



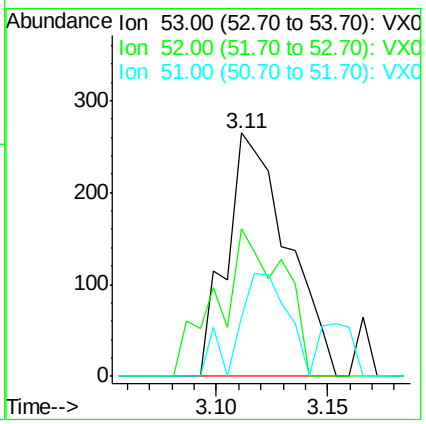


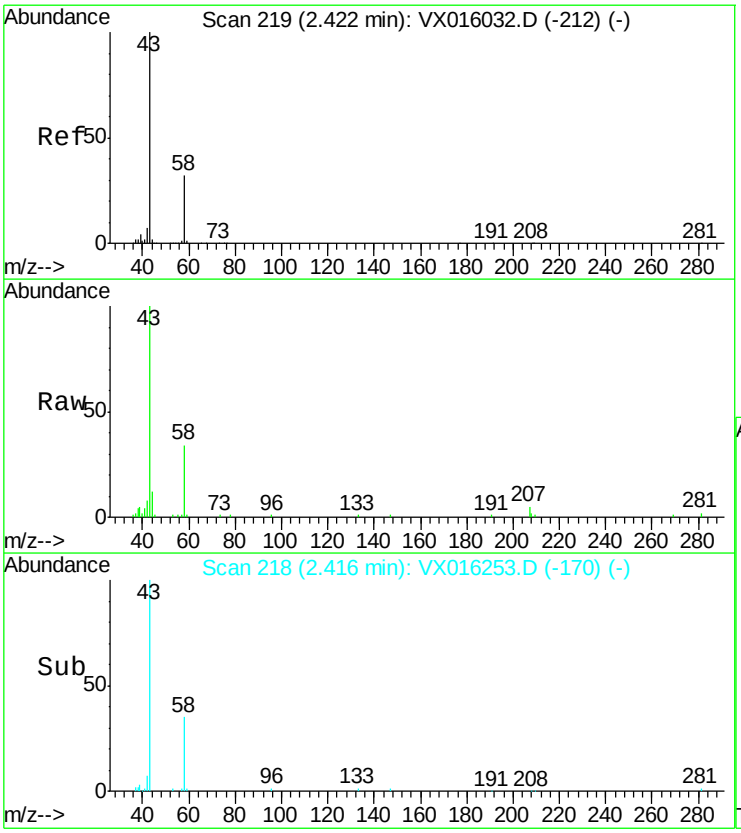
#15
Acrylonitrile
Concen: 0.29 ug/l
RT: 3.11 min Scan# 332
Delta R.T. -0.01 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Instrument :
MSVOA_X
ClientSampleId :
PB128866ZHE#01

Tgt Ion: 53 Resp: 504

Ion	Ratio	Lower	Upper
53	100		
52	64.9	66.1	99.1#
51	34.7	28.8	43.2

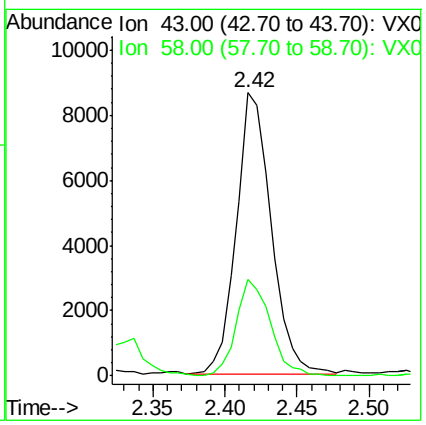


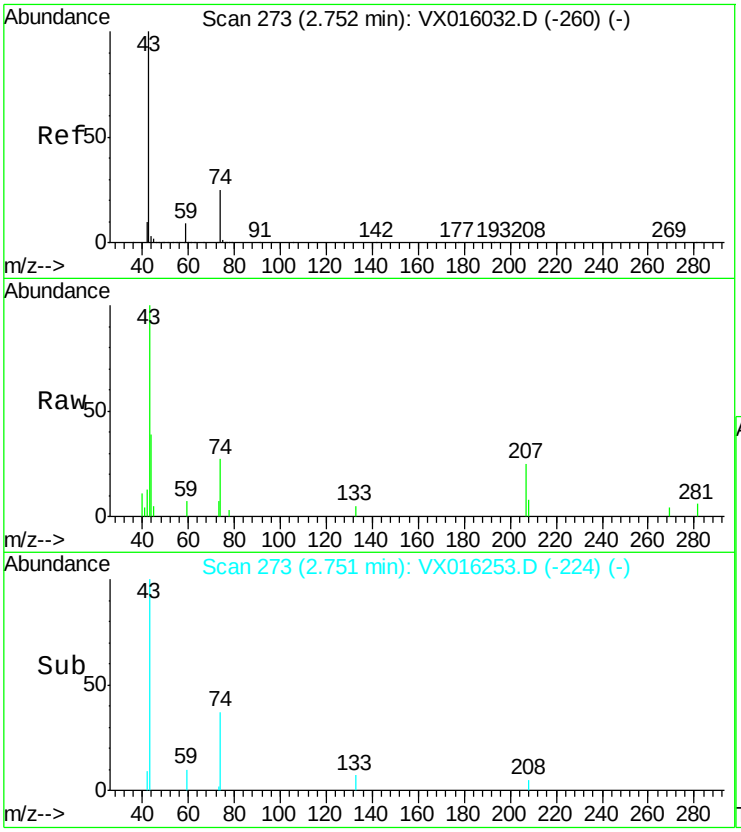


#16
Acetone
Concen: 9.83 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Tgt Ion: 43 Resp: 14490

Ion	Ratio	Lower	Upper
43	100		
58	34.5	25.4	38.0



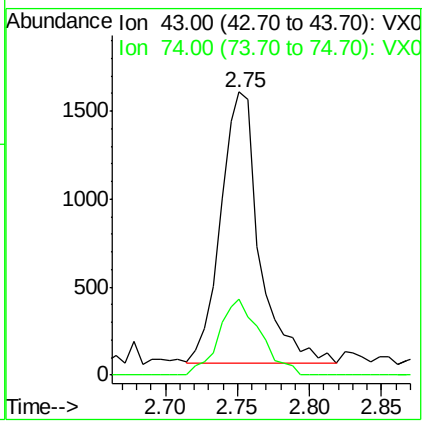


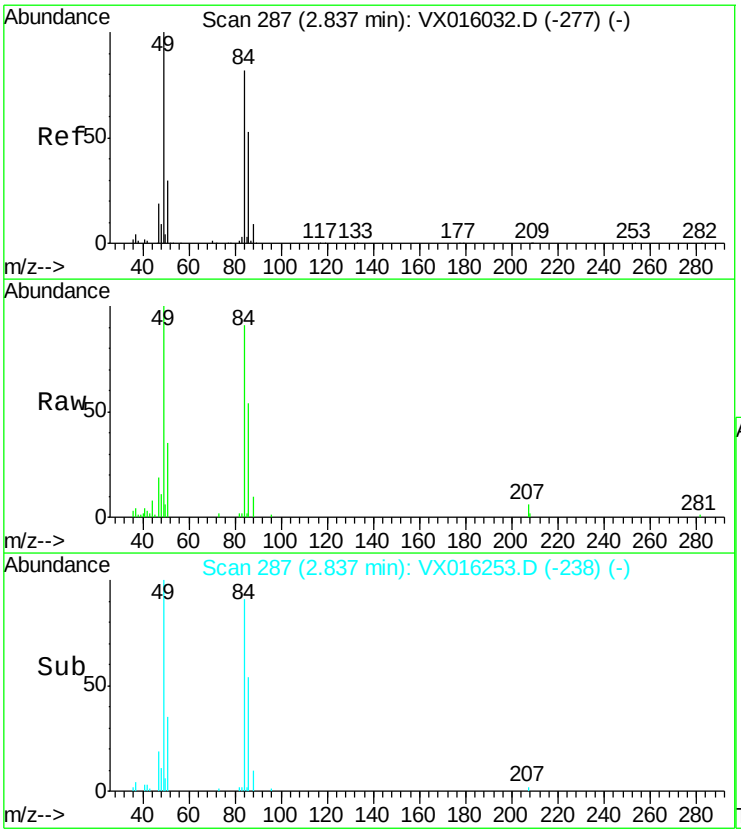
#18
Methyl Acetate
Concen: 0.80 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Instrument :
MSVOA_X
ClientSampleId :
PB128866ZHE#01

Tgt Ion: 43 Resp: 2904

Ion	Ratio	Lower	Upper
43	100		
74	30.0	20.2	30.2

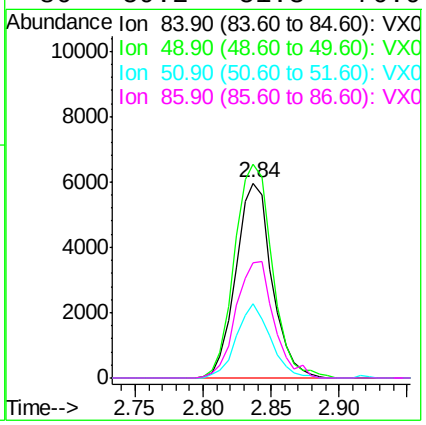


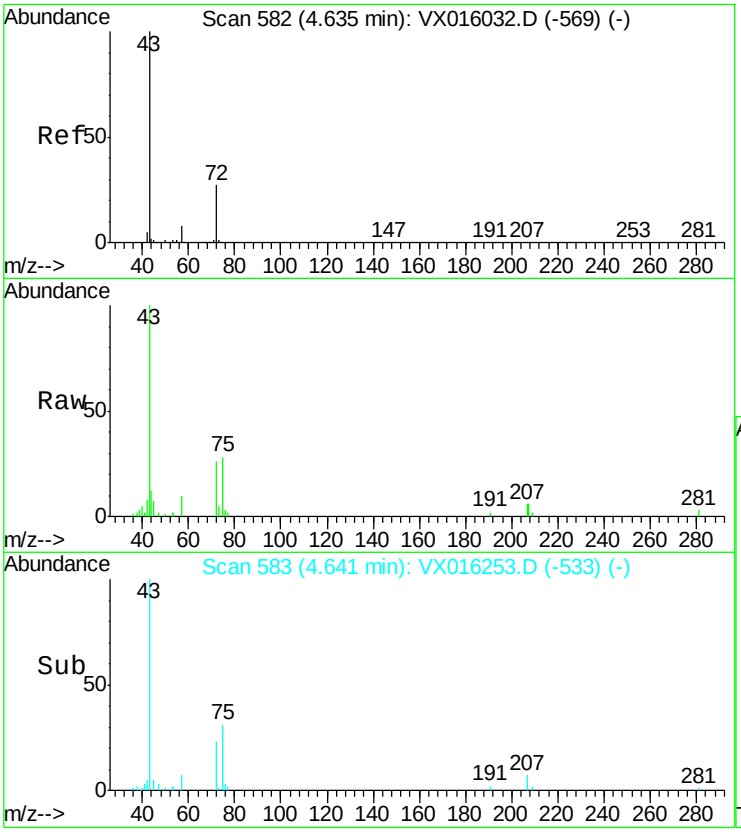


#20
Methylene Chloride
Concen: 3.63 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Tgt Ion: 84 Resp: 11024

Ion	Ratio	Lower	Upper
84	100		
49	109.6	97.3	145.9
51	38.0	29.3	43.9
86	59.2	51.3	76.9



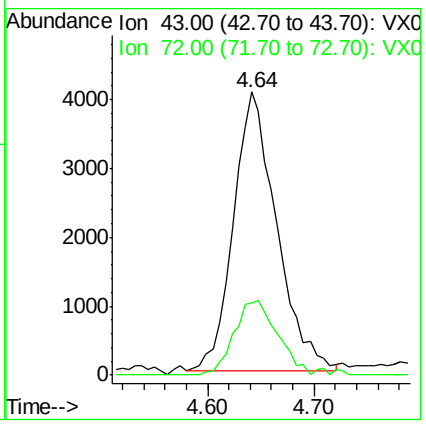


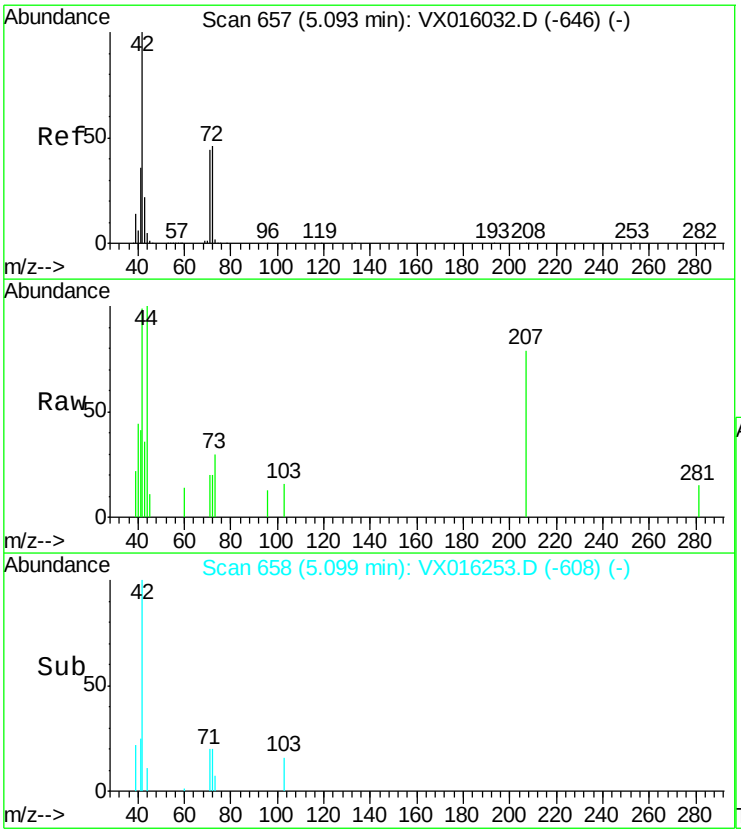
#25
2-Butanone
Concen: 4.82 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Instrument :
MSVOA_X
ClientSampleId :
PB128866ZHE#01

Tgt Ion: 43 Resp: 11457

Ion	Ratio	Lower	Upper
43	100		
72	26.0	21.8	32.8

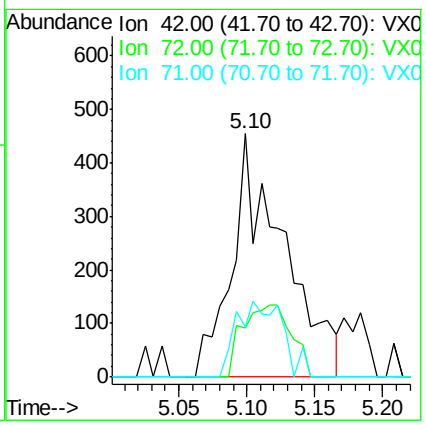


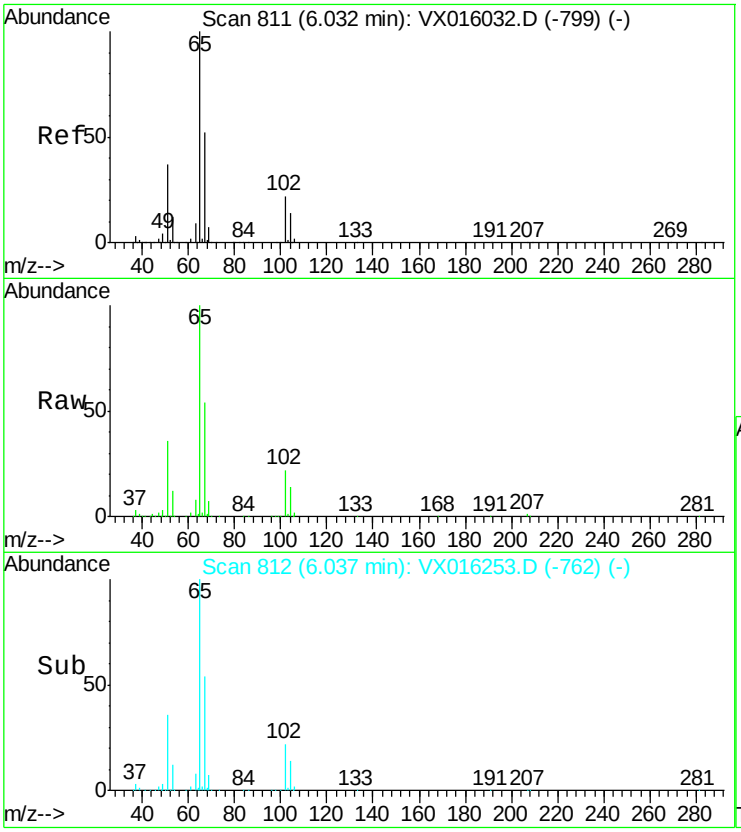


#29
Tetrahydrofuran
Concen: 0.76 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Tgt Ion: 42 Resp: 1203

Ion	Ratio	Lower	Upper
42	100		
72	28.2	37.1	55.7#
71	27.8	34.5	51.7#



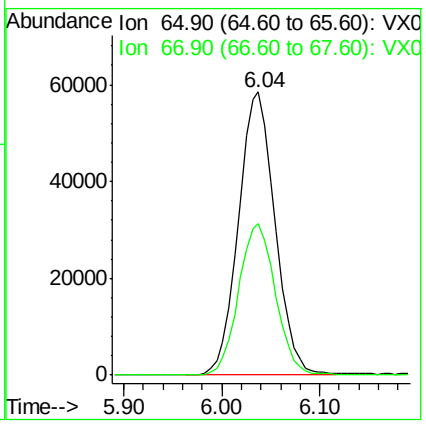


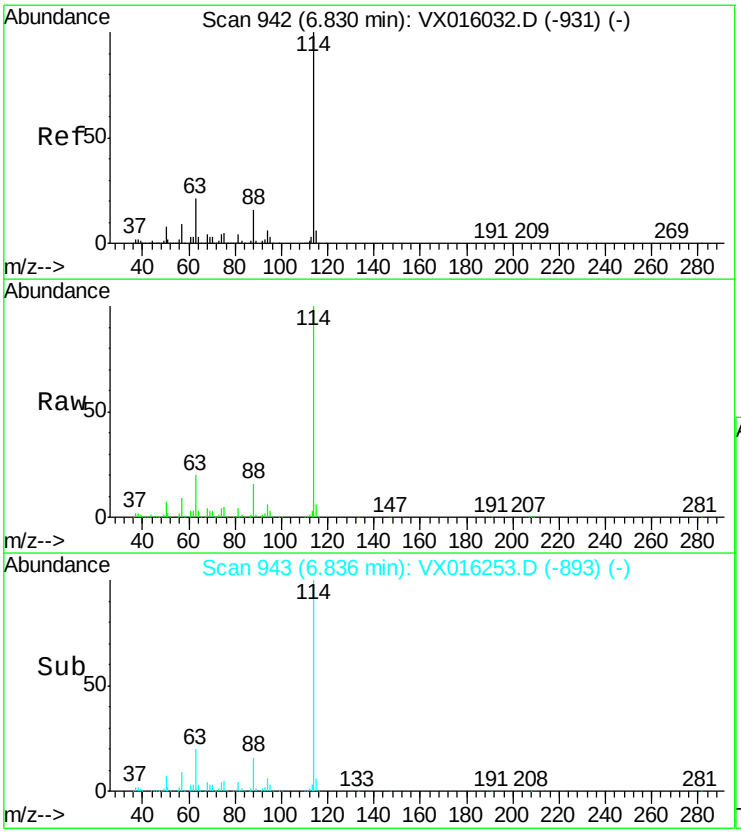
#33
1,2-Dichloroethane-d4
Concen: 45.99 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Instrument : MSVOA_X
ClientSampleId : PB128866ZHE#01

Tgt Ion: 65 Resp: 151918

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	104.8

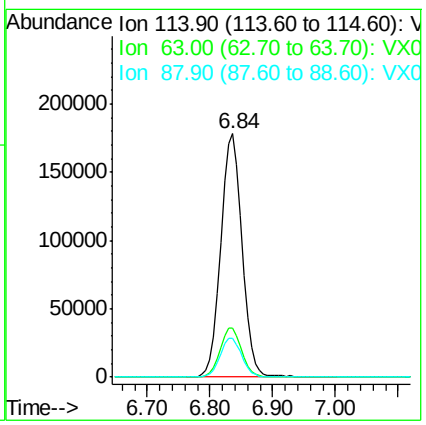


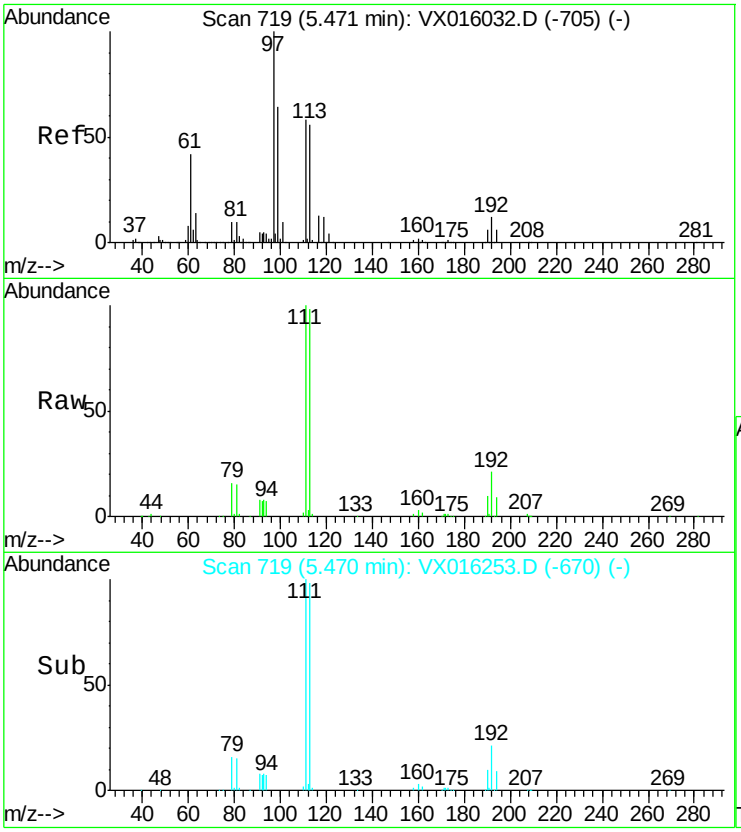


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Tgt Ion:114 Resp: 419073

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	42.8
88	16.1	0.0	31.4



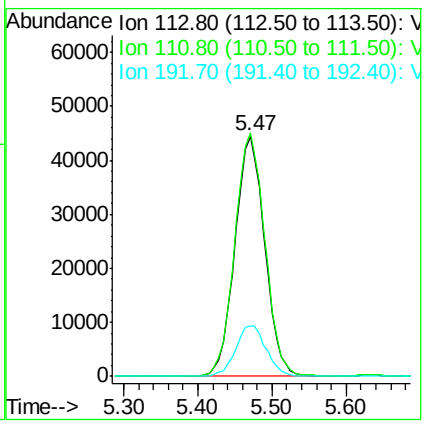


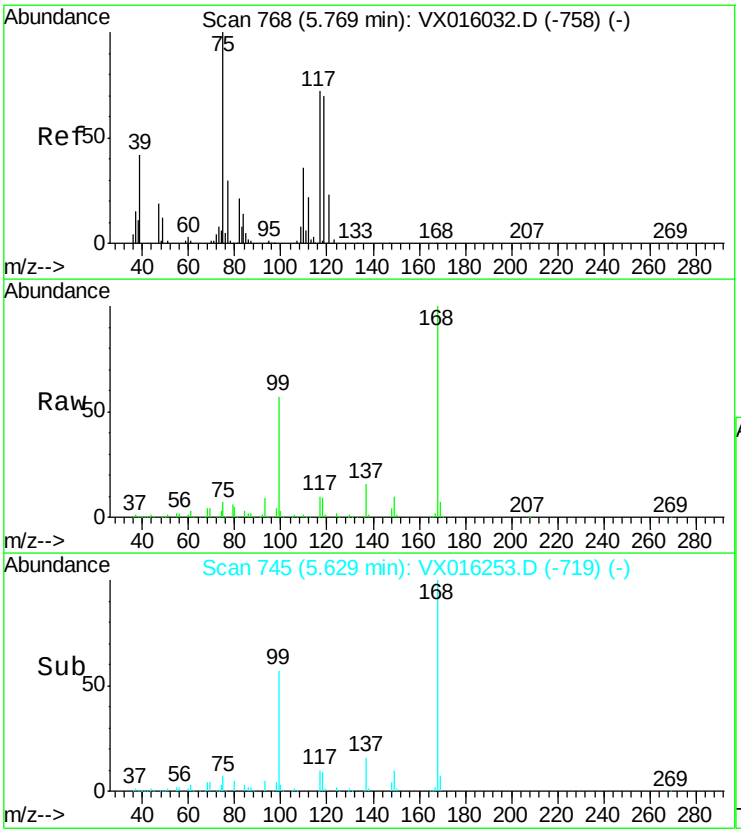
#35
Dibromofluoromethane
Concen: 47.10 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Instrument :
MSVOA_X
ClientSampleId :
PB128866ZHE#01

Tgt Ion:113 Resp: 125041

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.6	122.4
192	21.5	17.0	25.4

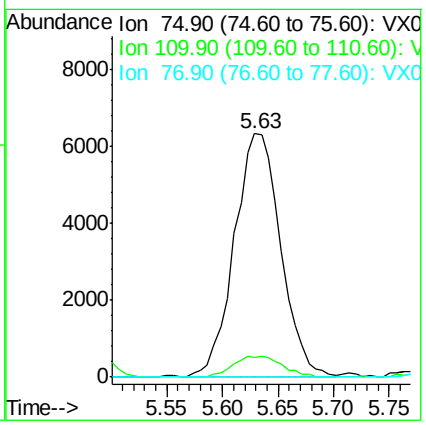


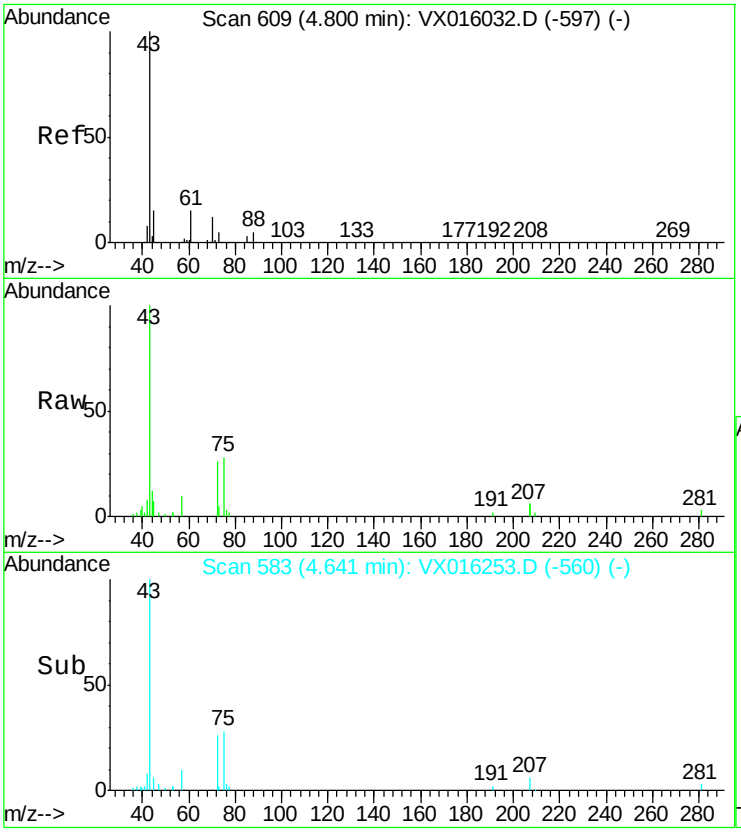


#36
1,1-Dichloropropene
Concen: 4.44 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Tgt Ion: 75 Resp: 18315

Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.1#
77	0.0	25.0	37.6#



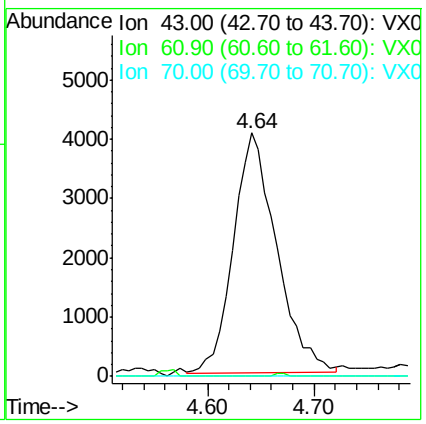


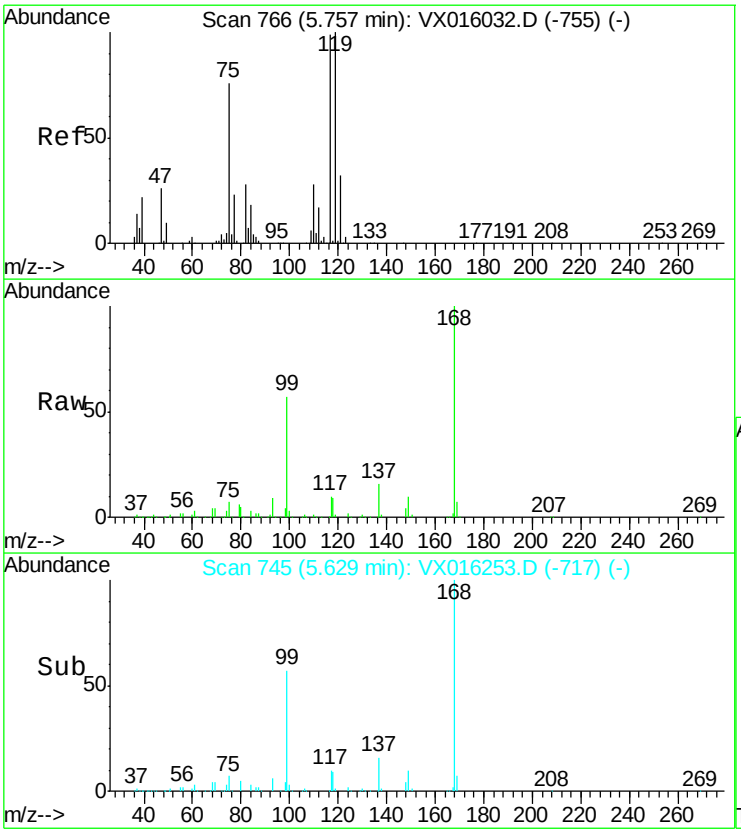
#37
Ethyl Acetate
Concen: 2.41 ug/l
RT: 4.64 min Scan# 583
Delta R.T. -0.16 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Instrument :
MSVOA_X
ClientSampleId :
PB128866ZHE#01

Tgt Ion: 43 Resp: 11542

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.7	17.5#
70	0.0	9.3	13.9#

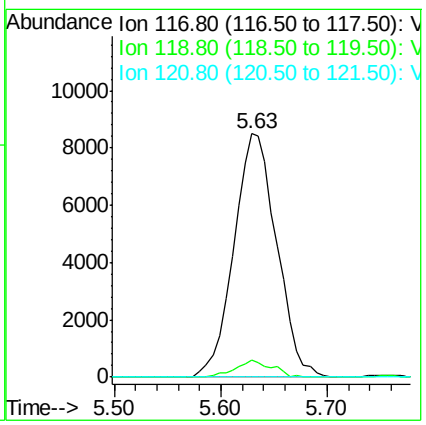


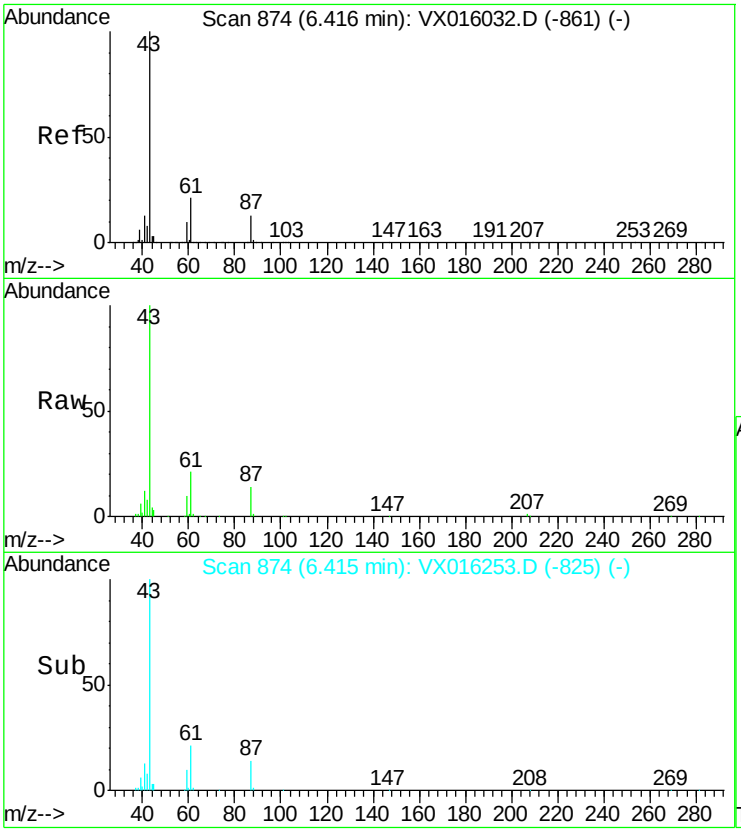


#38
Carbon Tetrachloride
Concen: 5.69 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Tgt Ion:117 Resp: 23874

Ion	Ratio	Lower	Upper
117	100		
119	6.9	80.3	120.5#
121	0.0	25.7	38.5#



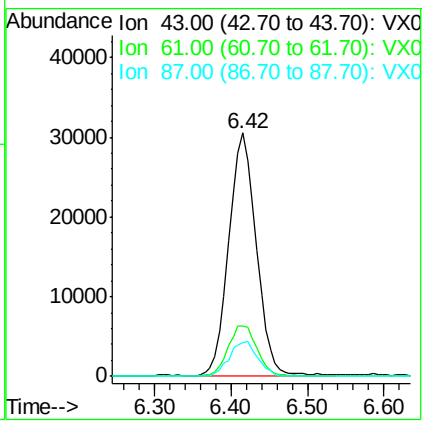


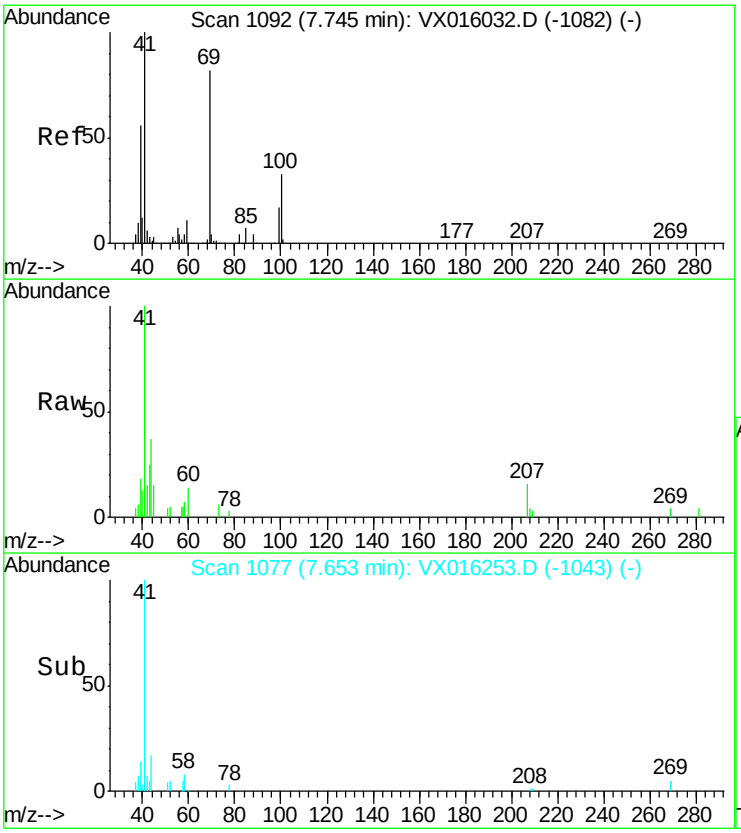
#43
Isopropyl Acetate
Concen: 9.94 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Instrument :
MSVOA_X
ClientSampleId :
PB128866ZHE#01

Tgt Ion: 43 Resp: 75855

Ion	Ratio	Lower	Upper
43	100		
61	22.0	17.0	25.4
87	14.9	11.0	16.6

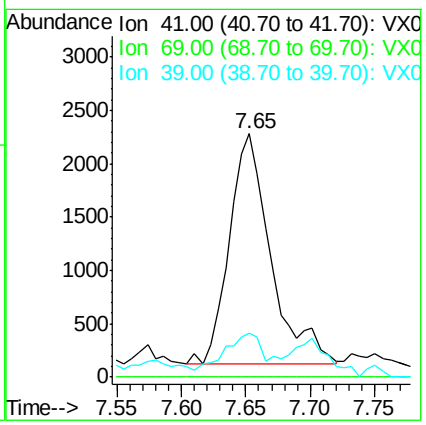


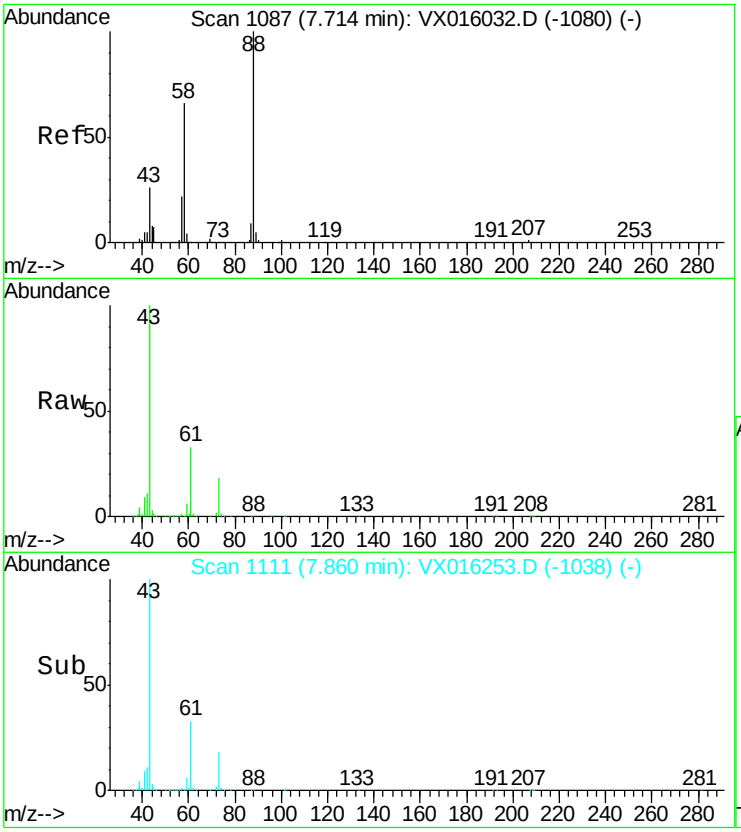


#48
Methyl methacrylate
Concen: 1.34 ug/l
RT: 7.65 min Scan# 1077
Delta R.T. -0.09 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Tgt Ion: 41 Resp: 4847

Ion	Ratio	Lower	Upper
41	100		
69	0.0	67.8	101.6#
39	0.0	44.6	67.0#



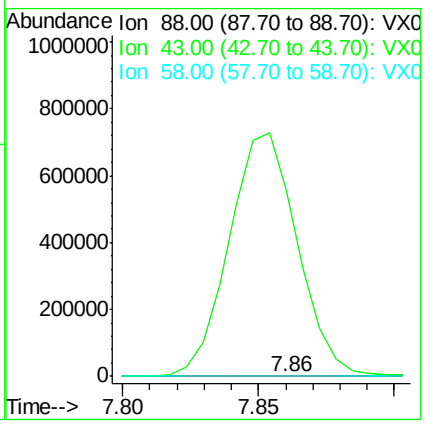


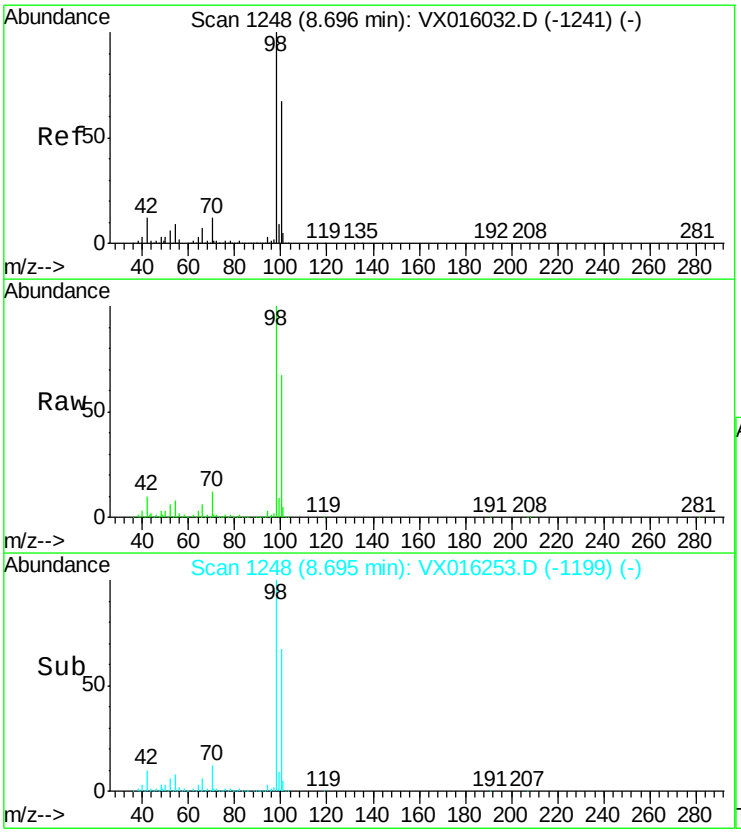
#49
1,4-Dioxane
Concen: 2.69 ug/l
RT: 7.86 min Scan# 1111
Delta R.T. 0.15 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Instrument : MSVOA_X
ClientSampleId : PB128866ZHE#01

Tgt Ion: 88 Resp: 233

Ion	Ratio	Lower	Upper
88	100		
43	547413.7	25.3	37.9#
58	2256.7	55.9	83.9#

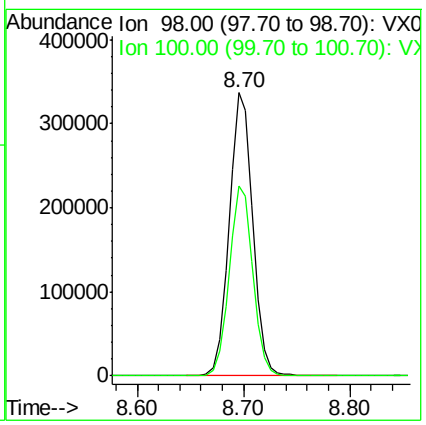


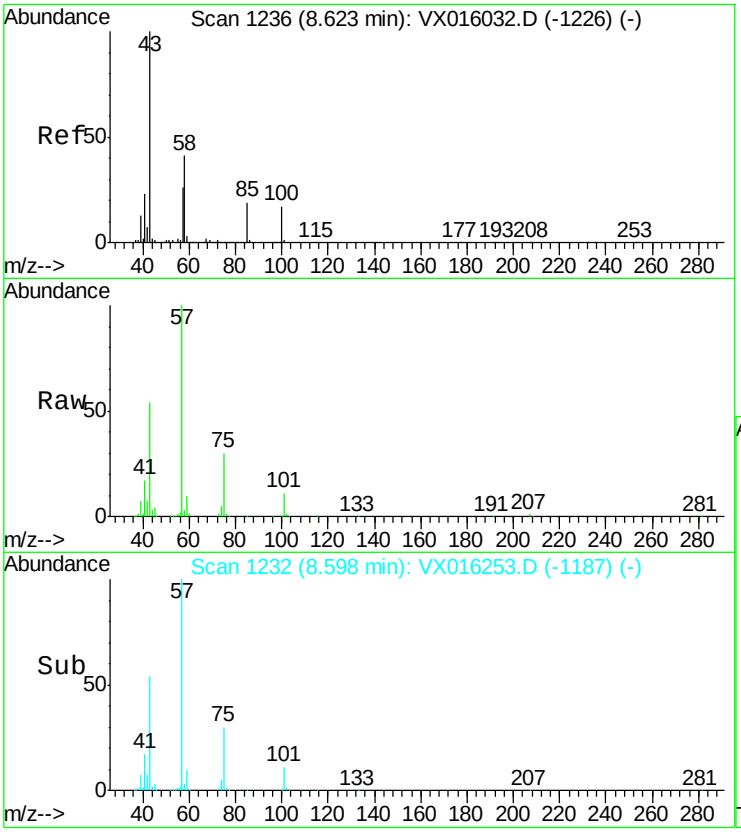


#50
Toluene-d8
Concen: 50.98 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Tgt Ion: 98 Resp: 521568

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.7	80.5



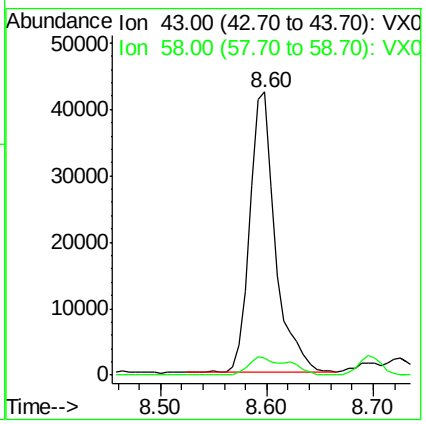


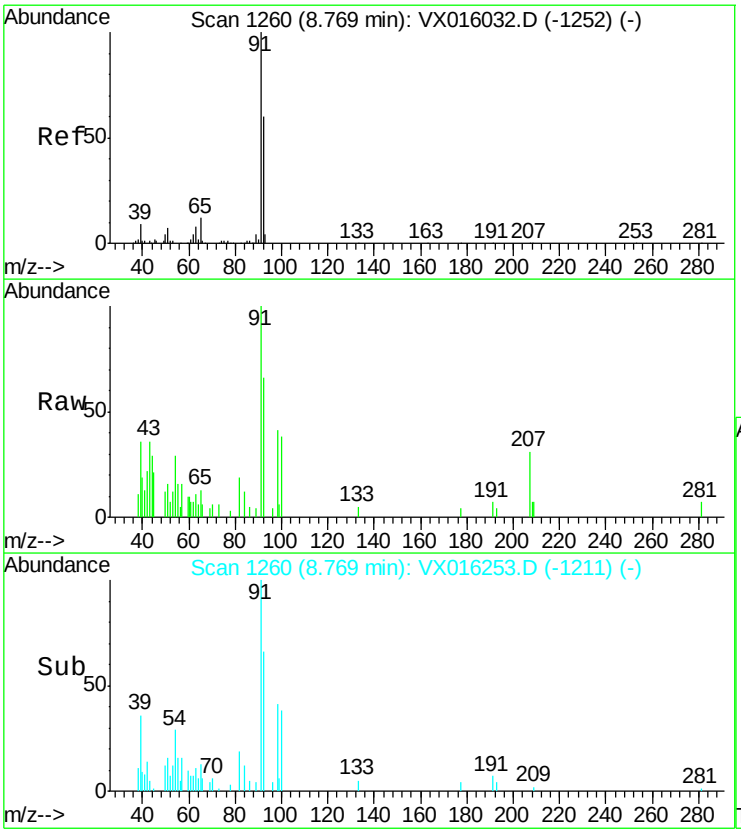
#51
4-Methyl-2-Pentanone
Concen: 15.25 ug/l
RT: 8.60 min Scan# 1232
Delta R.T. -0.02 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Instrument :
MSVOA_X
ClientSampleId :
PB128866ZHE#01

Tgt Ion: 43 Resp: 71207

Ion	Ratio	Lower	Upper
43	100		
58	10.2	33.0	49.4#

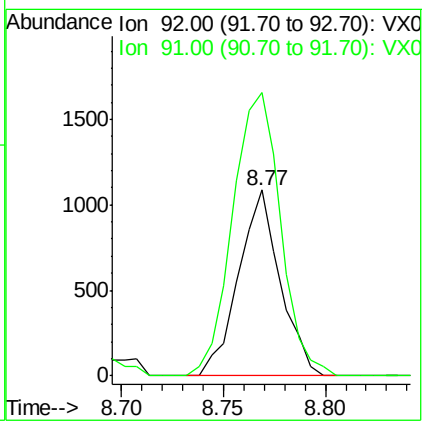


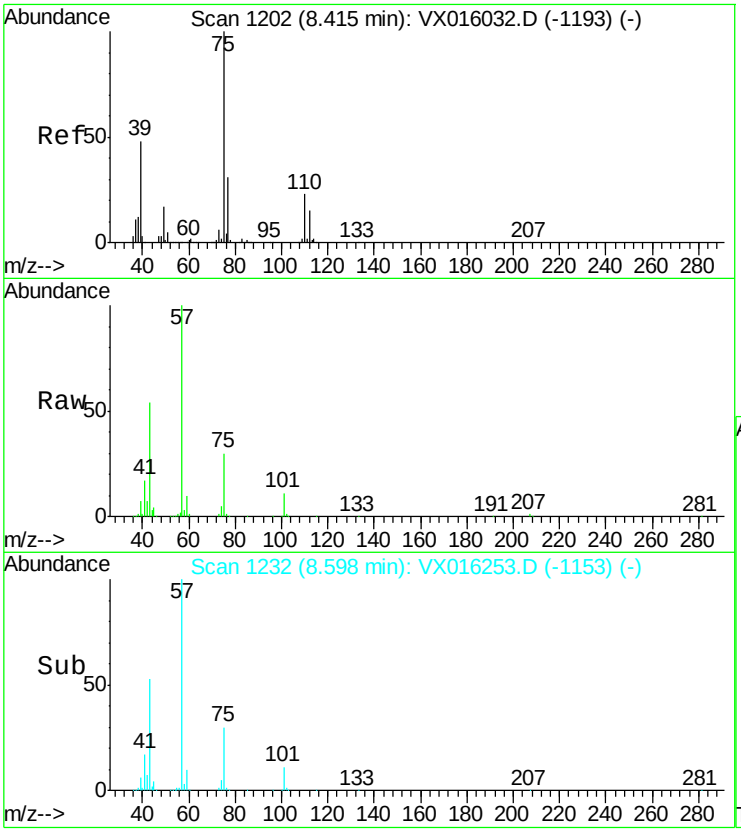


#52
Toluene
Concen: 0.20 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Tgt Ion: 92 Resp: 1538

Ion	Ratio	Lower	Upper
92	100		
91	175.7	134.5	201.7



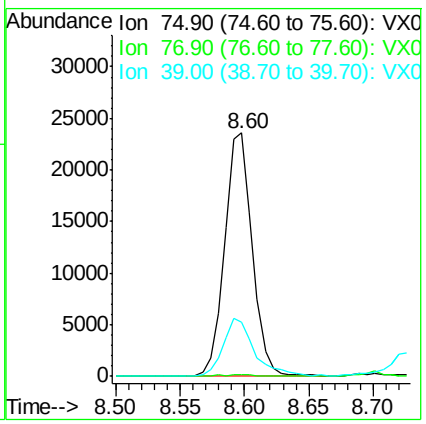


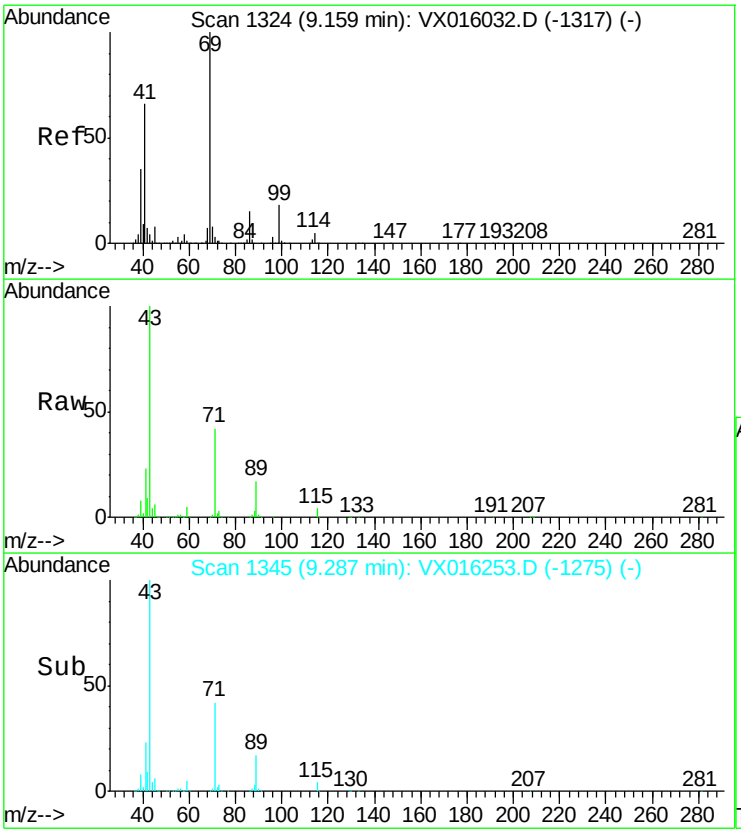
#54
cis-1,3-Dichloropropene
Concen: 6.74 ug/l
RT: 8.60 min Scan# 1232
Delta R.T. 0.18 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Instrument :
MSVOA_X
ClientSampleId :
PB128866ZHE#01

Tgt Ion: 75 Resp: 35462

Ion	Ratio	Lower	Upper
75	100		
77	0.6	24.7	37.1#
39	22.1	38.7	58.1#

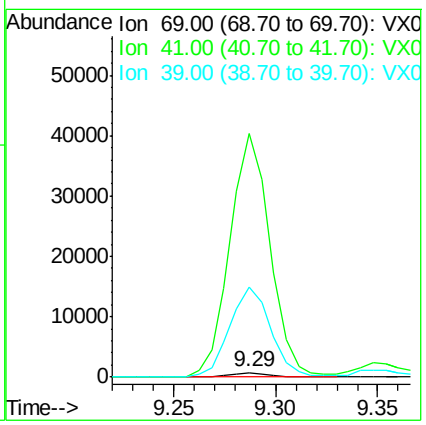


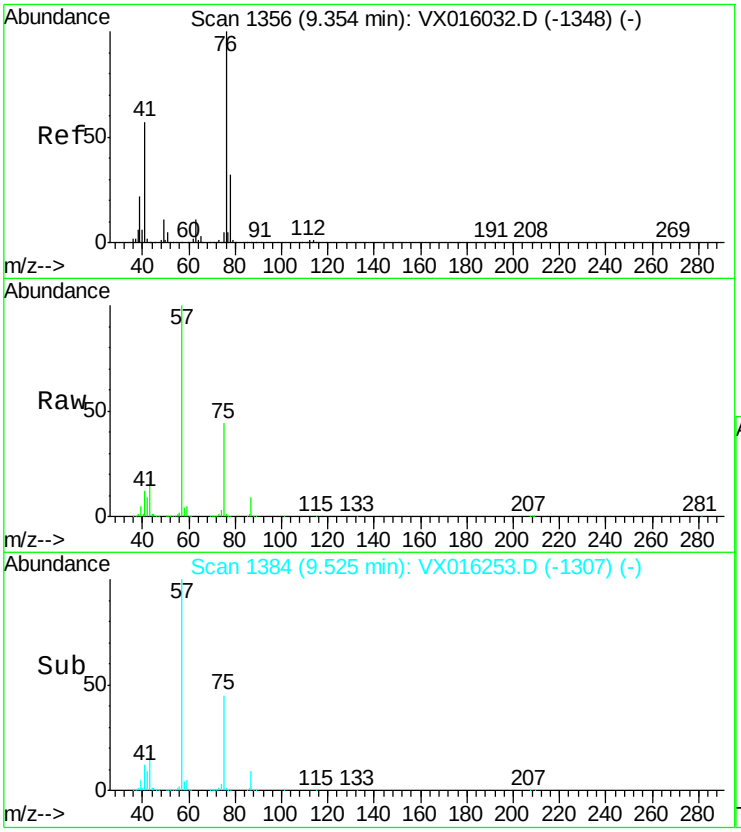


#56
Ethyl methacrylate
Concen: 0.22 ug/l
RT: 9.29 min Scan# 1345
Delta R.T. 0.13 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Tgt Ion: 69 Resp: 1068

Ion	Ratio	Lower	Upper
69	100		
41	5200.7	52.2	78.4#
39	1958.8	28.2	42.4#



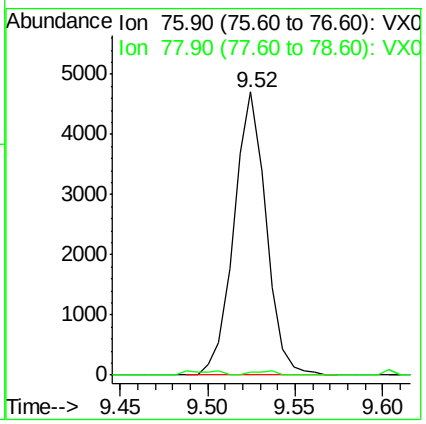


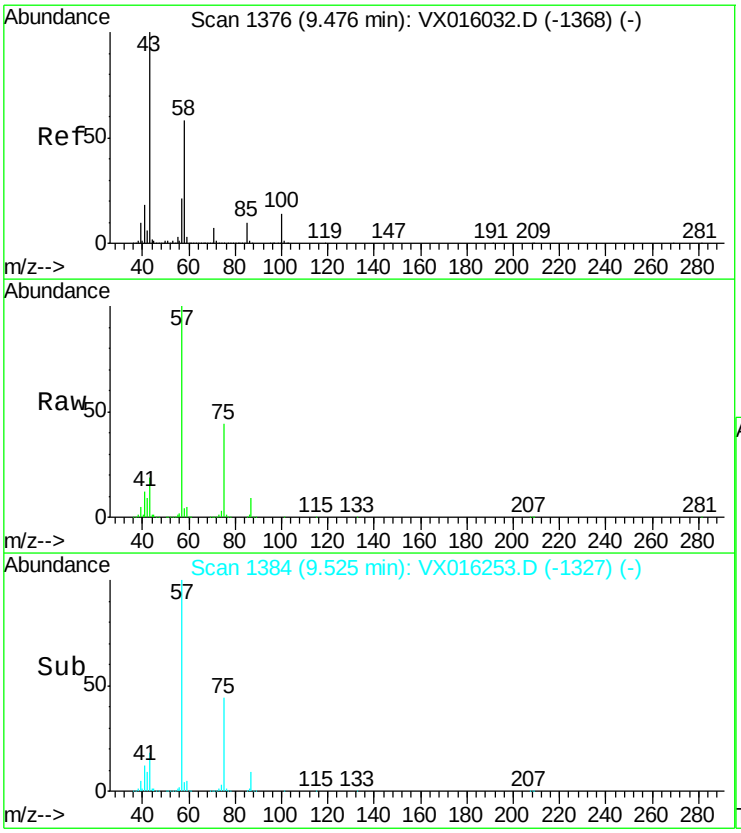
#57
1,3-Dichloropropane
Concen: 1.16 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.17 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Instrument :
MSVOA_X
ClientSampleId :
PB128866ZHE#01

Tgt Ion: 76 Resp: 6004

Ion	Ratio	Lower	Upper
76	100		
78	1.1	25.9	38.9#

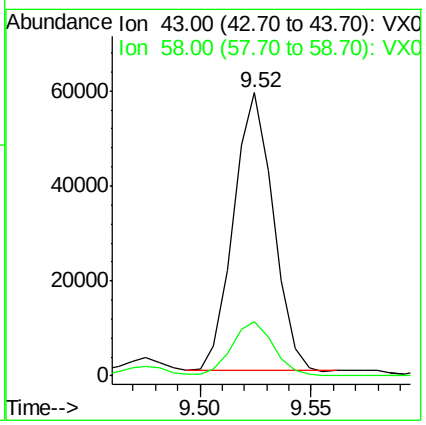


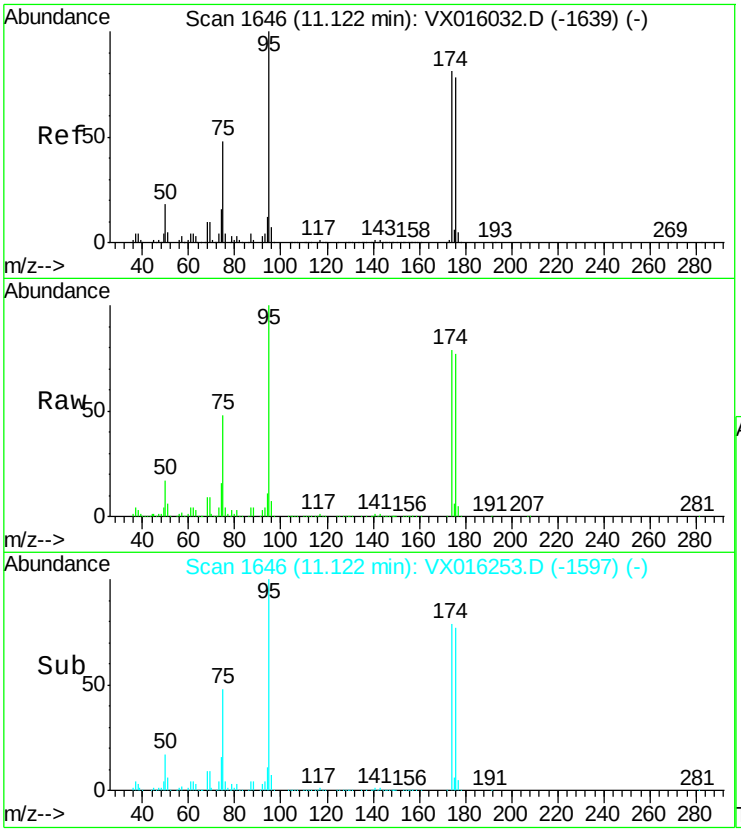


#59
2-Hexanone
Concen: 19.90 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Tgt Ion: 43 Resp: 72949

Ion	Ratio	Lower	Upper
43	100		
58	21.2	28.6	85.9#



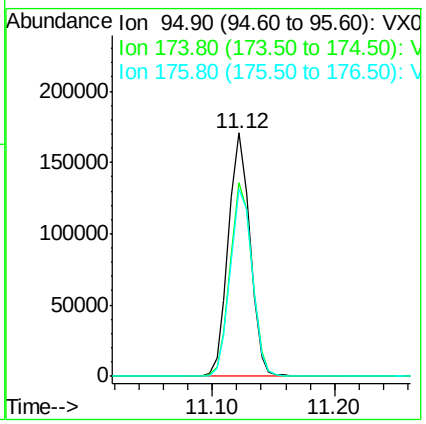


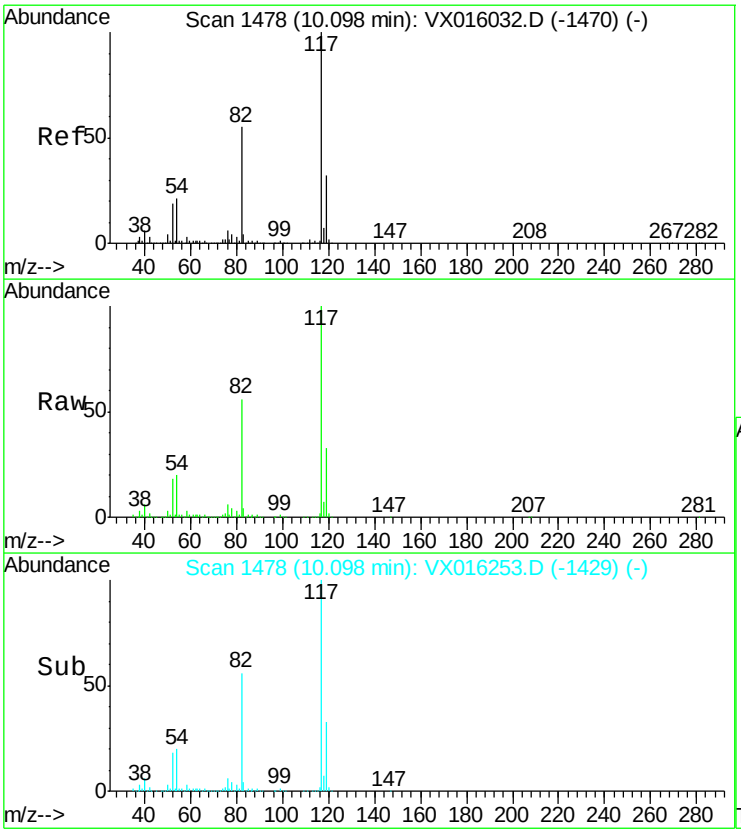
#62
4-Bromofluorobenzene
Concen: 53.55 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Instrument :
MSVOA_X
ClientSampleId :
PB128866ZHE#01

Tgt Ion: 95 Resp: 208361

Ion	Ratio	Lower	Upper
95	100		
174	80.7	0.0	159.4
176	78.5	0.0	157.6

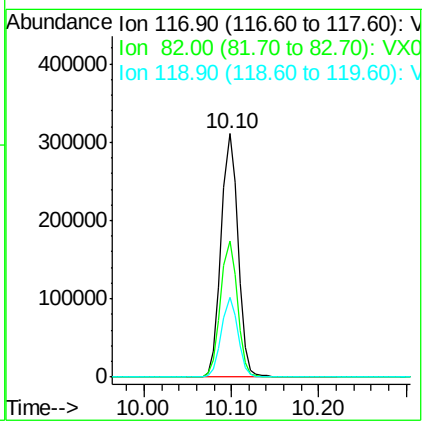


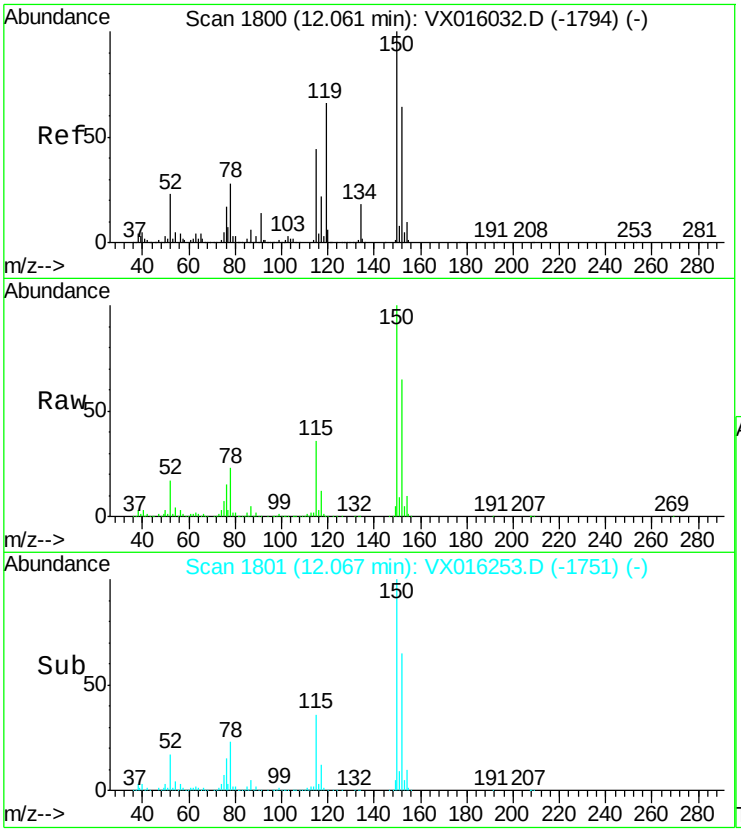


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Tgt Ion:117 Resp: 415580

Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.4	66.6
119	32.6	25.5	38.3



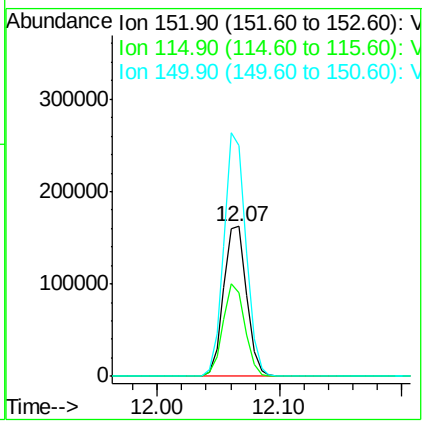


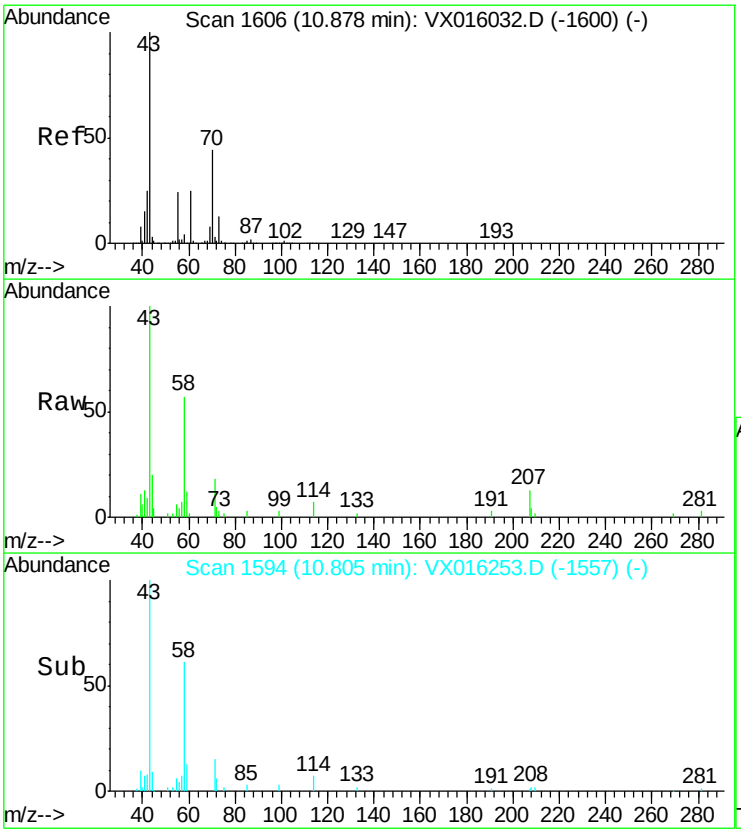
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.07 min Scan# 1801
Delta R.T. 0.01 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Instrument :
MSVOA_X
ClientSampleId :
PB128866ZHE#01

Tgt Ion:152 Resp: 209846

Ion	Ratio	Lower	Upper
152	100		
115	59.1	41.3	124.1
150	155.9	0.0	352.2

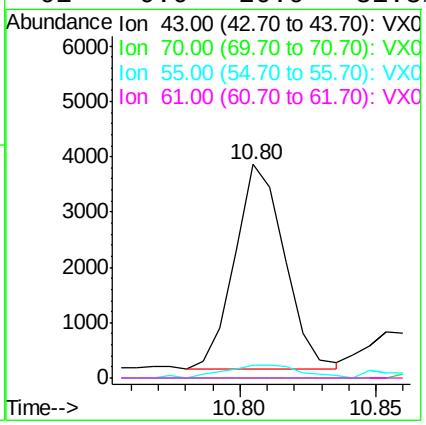


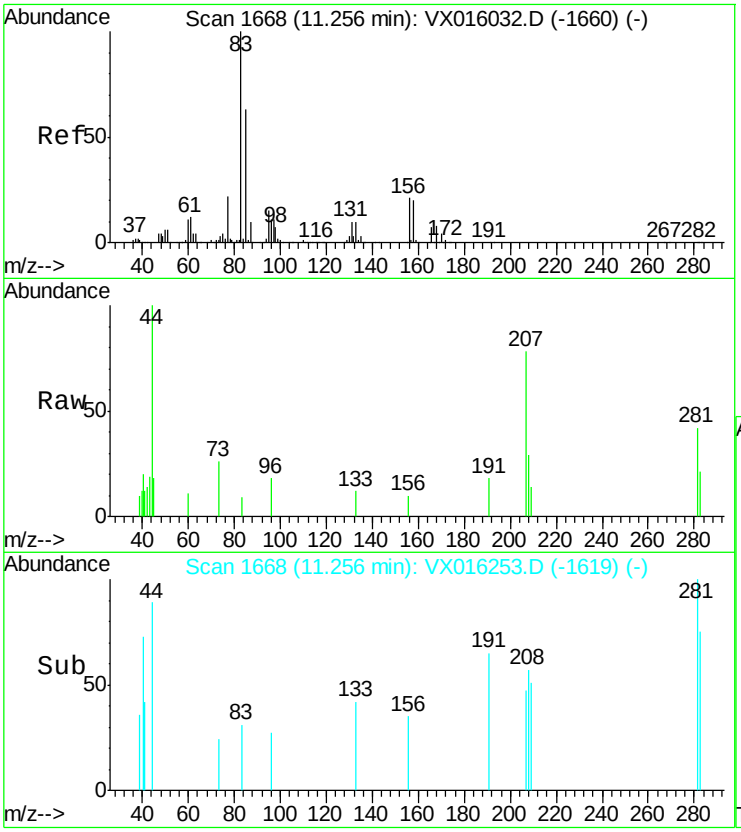


#74
N-amyl acetate
Concen: 0.66 ug/l
RT: 10.80 min Scan# 1594
Delta R.T. -0.07 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Tgt Ion: 43 Resp: 4686

Ion	Ratio	Lower	Upper
43	100		
70	0.0	36.5	54.7#
55	10.1	19.7	29.5#
61	0.0	20.9	31.3#



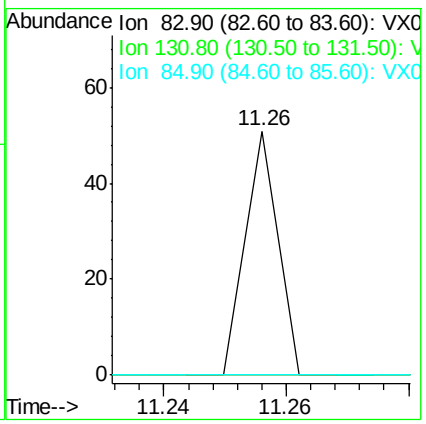


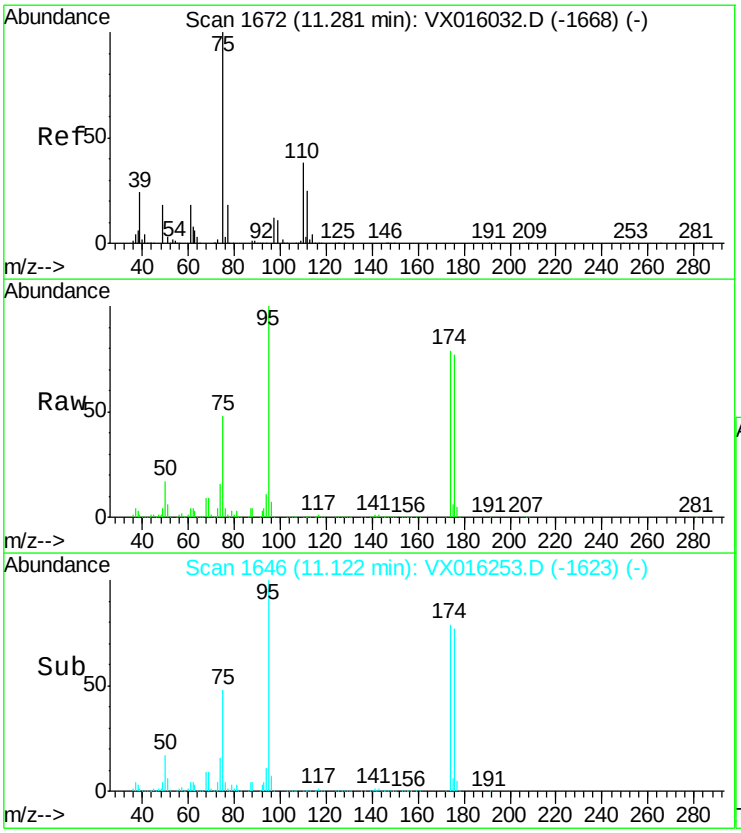
#75
1,1,2,2-Tetrachloroethane
Concen: 2.06 ug/l
RT: 11.26 min Scan# 1668
Delta R.T. -0.00 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Instrument :
MSVOA_X
ClientSampleId :
PB128866ZHE#01

Tgt Ion: 83 Resp: 19

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

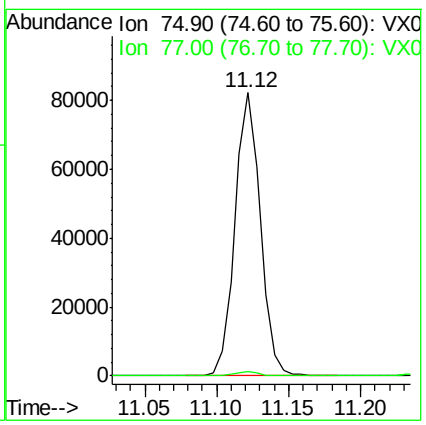


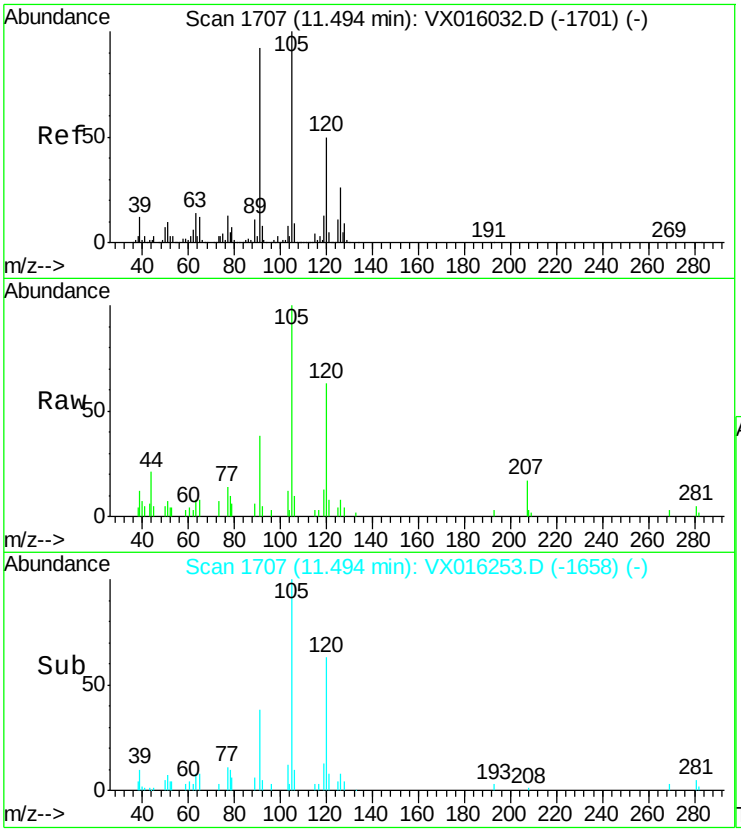


#76
1,2,3-Trichloropropane
Concen: 21.17 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Tgt Ion: 75 Resp: 100811

Ion	Ratio	Lower	Upper
75	100		
77	1.4	21.2	63.6#



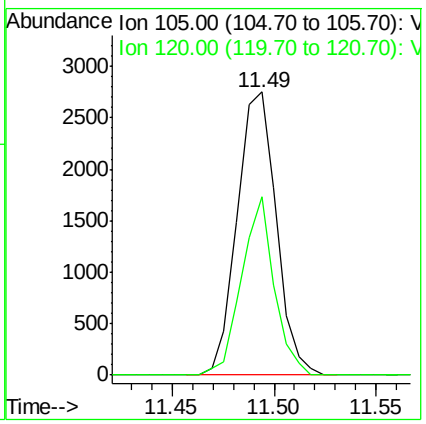


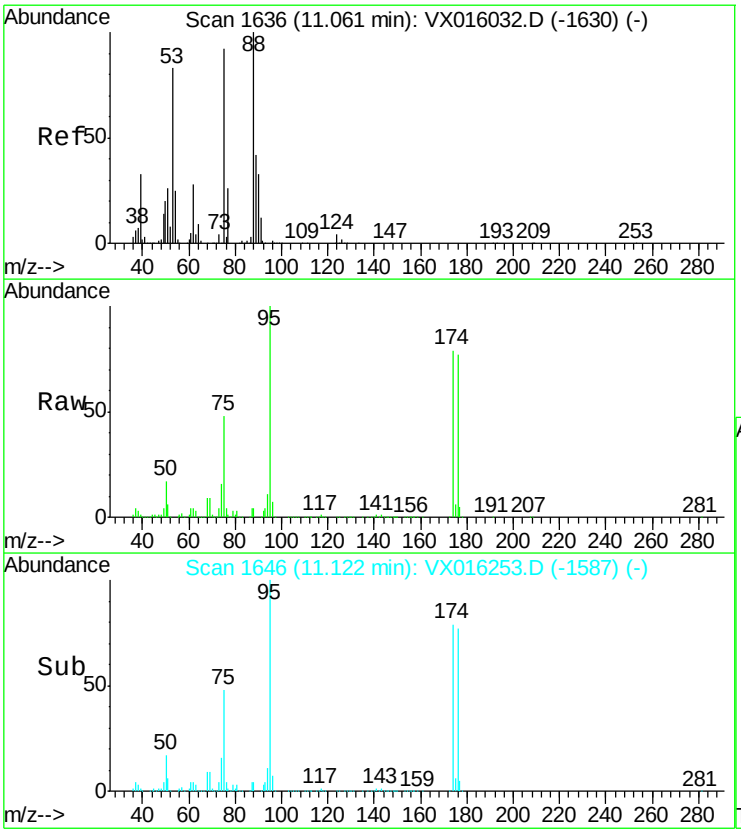
#80
1,3,5-Trimethylbenzene
Concen: 0.28 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Instrument :
MSVOA_X
ClientSampleId :
PB128866ZHE#01

Tgt Ion:105 Resp: 3658

Ion	Ratio	Lower	Upper
105	100		
120	52.6	24.6	74.0

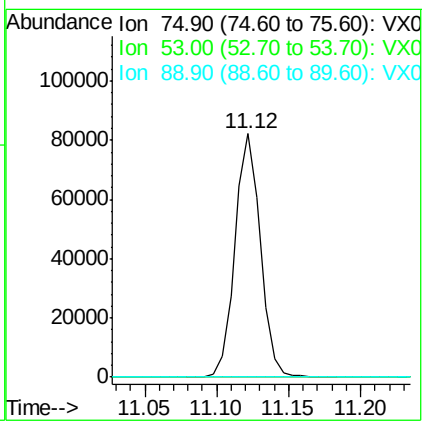


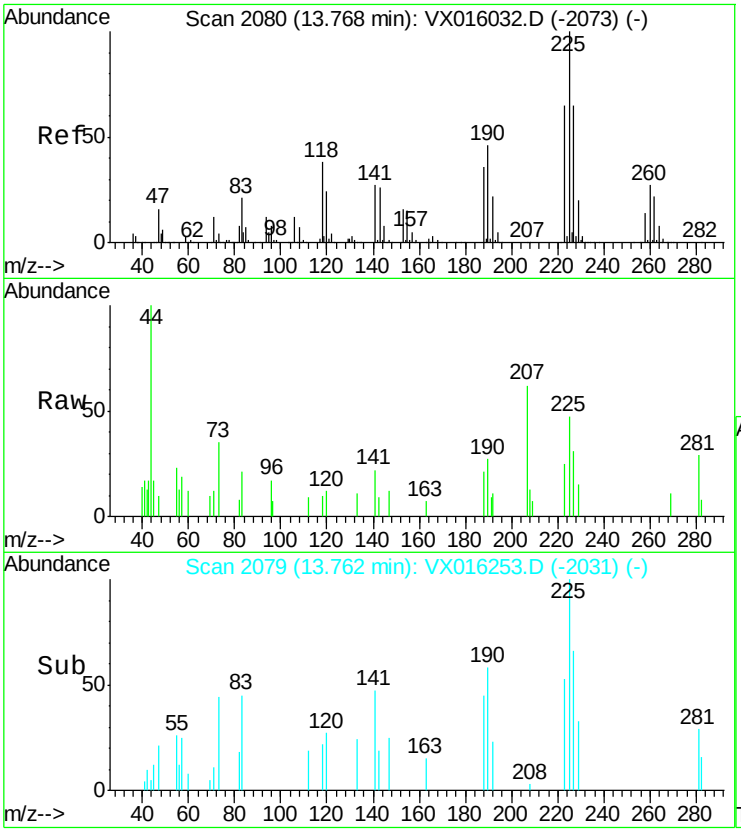


#81
trans-1,4-Dichloro-2-butene
Concen: 50.45 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Tgt Ion: 75 Resp: 100811

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





#94
Hexachlorobutadiene
Concen: 0.72 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Instrument :
MSVOA_X
ClientSampleId :
PB128866ZHE#01

Tgt Ion:225 Resp: 429

Ion	Ratio	Lower	Upper
225	100		
223	56.2	32.3	96.9
227	60.4	31.8	95.4