Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070820\

Quantitation Report (Not Reviewed)

Data File : VX017286.D
Acq On : 09 Jul 2020 03:12
Operator : JC/SP
Sample : PB130015ZHE#01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB130015ZHE#01

Quant Time: Jul 09 05:10:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.64	168	243337	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.84	114	409769	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.10	117	443977	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	229540	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	163773	54.59	ug/l		0.00
Spiked Amount 50.000			Recovery = 109.18%				
35) Dibromofluoromethane	5.47	113	137480	53.04	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.08%				
50) Toluene-d8	8.70	98	514705	53.70	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.40%				
62) 4-Bromofluorobenzene	11.12	95	215446	57.50	ug/l		0.00
Spiked Amount 50.000			Recovery = 115.00%				
Target Compounds							Qvalue
5) Bromomethane	1.64	94	420	0.301	ug/l	#	36
8) Diethyl Ether	2.17	74	617	0.831	ug/l		86
11) Tert butyl alcohol	3.01	59	689	1.204	ug/l	#	87
13) Acrolein	2.28	56	479	1.400	ug/l	#	53
15) Acrylonitrile	3.13	53	351	0.255	ug/l	#	59
16) Acetone	2.42	43	14458	12.883	ug/l		97
18) Methyl Acetate	2.75	43	2899	0.990	ug/l	#	89
20) Methylene Chloride	2.84	84	19283	6.816	ug/l		97
25) 2-Butanone	4.65	43	3316	1.773	ug/l	#	76
29) Tetrahydrofuran	5.09	42	1447	1.171	ug/l	#	50
36) 1,1-Dichloropropene	5.62	75	17032	4.398	ug/l	#	51
38) Carbon Tetrachloride	5.63	117	23542	5.519	ug/l	#	17
43) Isopropyl Acetate	6.42	43	75252	11.525	ug/l		99
44) Trichloroethene	7.20	130	131	Below Cal			3
48) Methyl methacrylate	7.85	41	126940	40.920	ug/l	#	44
49) 1,4-Dioxane	7.85	88	179	2.547	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.59	43	73174	18.800	ug/l	#	52
54) cis-1,3-Dichloropropene	8.60	75	32270	6.635	ug/l	#	63
56) Ethyl methacrylate	9.29	69	1735	0.420	ug/l	#	1
57) 1,3-Dichloropropane	9.52	76	6608	1.345	ug/l	#	42
59) 2-Hexanone	9.52	43	81566	28.694	ug/l	#	50
74) N-amyl acetate	10.80	43	3379	0.527	ug/l	#	50
76) 1,2,3-Trichloropropane	11.12	75	105845	23.449	ug/l	#	37
80) 1,3,5-Trimethylbenzene	11.49	105	4251	0.341	ug/l		95
81) trans-1,4-Dichloro-2-buten	11.12	75	105845	60.725	ug/l	#	13
88) 1,4-Dichlorobenzene	12.01	146	439	Below Cal			82
94) Hexachlorobutadiene	13.76	225	59	0.876	ug/l	#	33

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

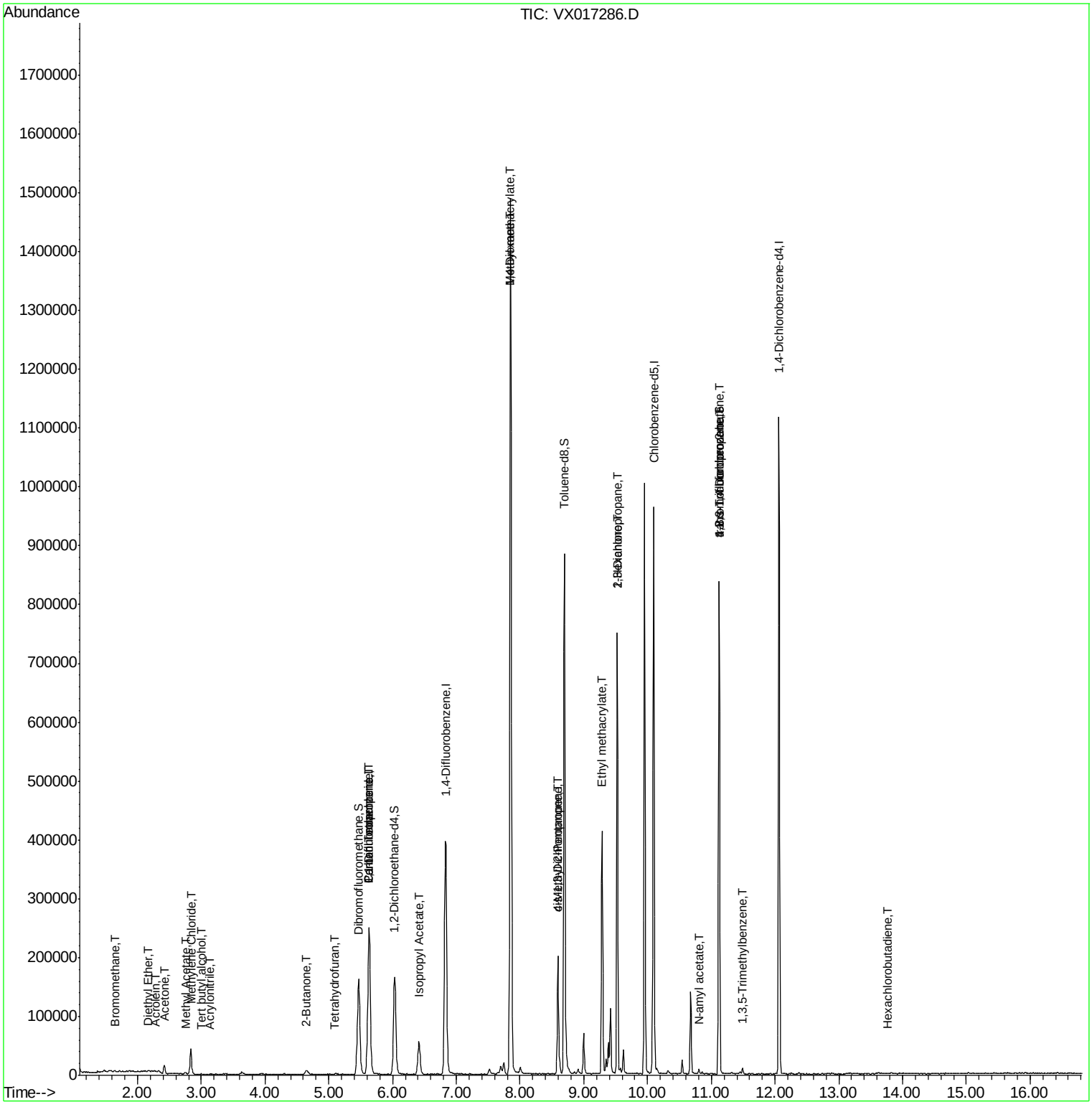
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070820\

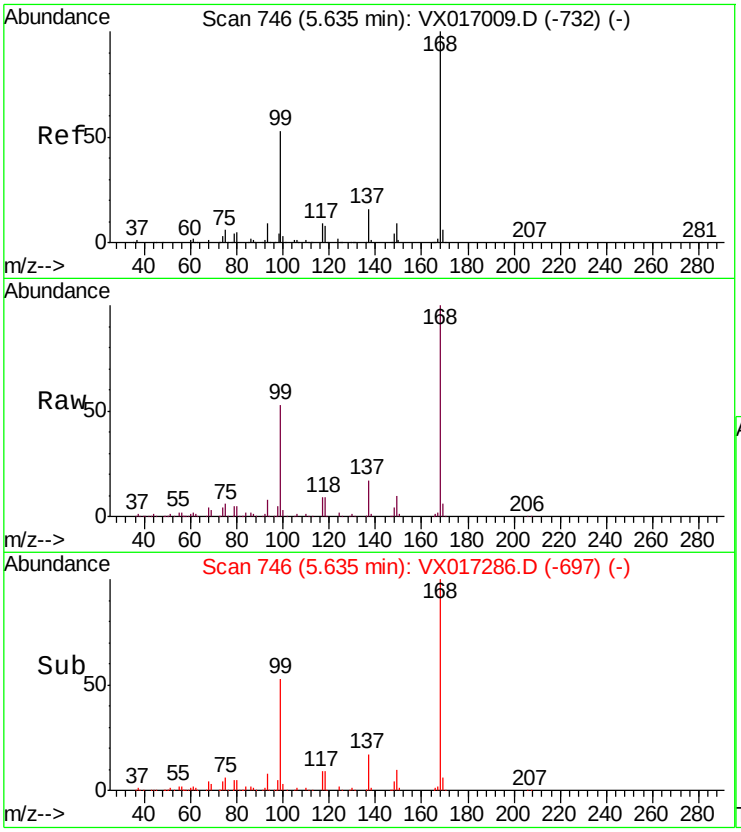
Quantitation Report (Not Reviewed)

Data File : VX017286.D
Acq On : 09 Jul 2020 03:12
Operator : JC/SP
Sample : PB130015ZHE#01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB130015ZHE#01

Quant Time: Jul 09 05:10:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration



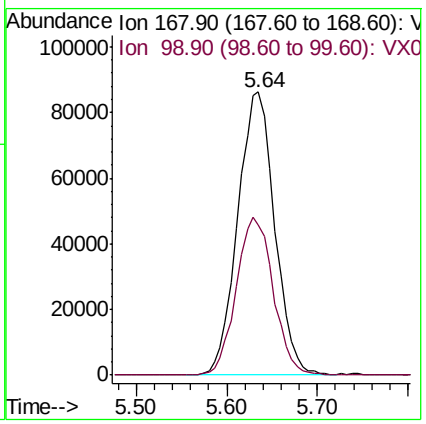


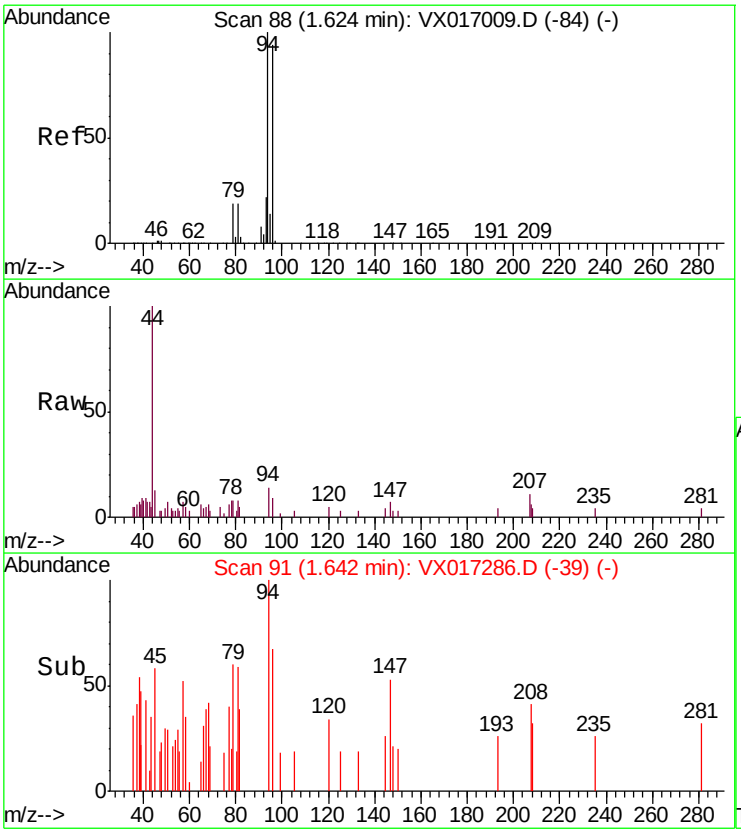
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.00 min
Lab File: VX017286.D
Acq: 09 Jul 2020 03:12

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#01

Tgt Ion:168 Resp: 243337

Ion	Ratio	Lower	Upper
168	100		
99	52.8	42.6	64.0

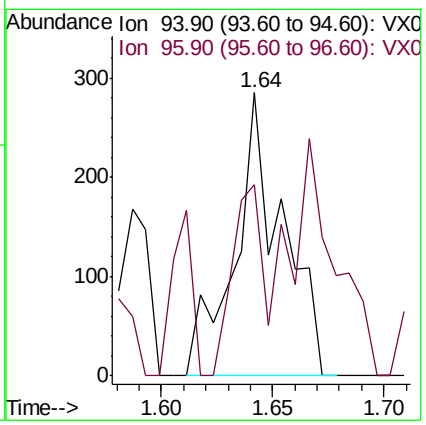


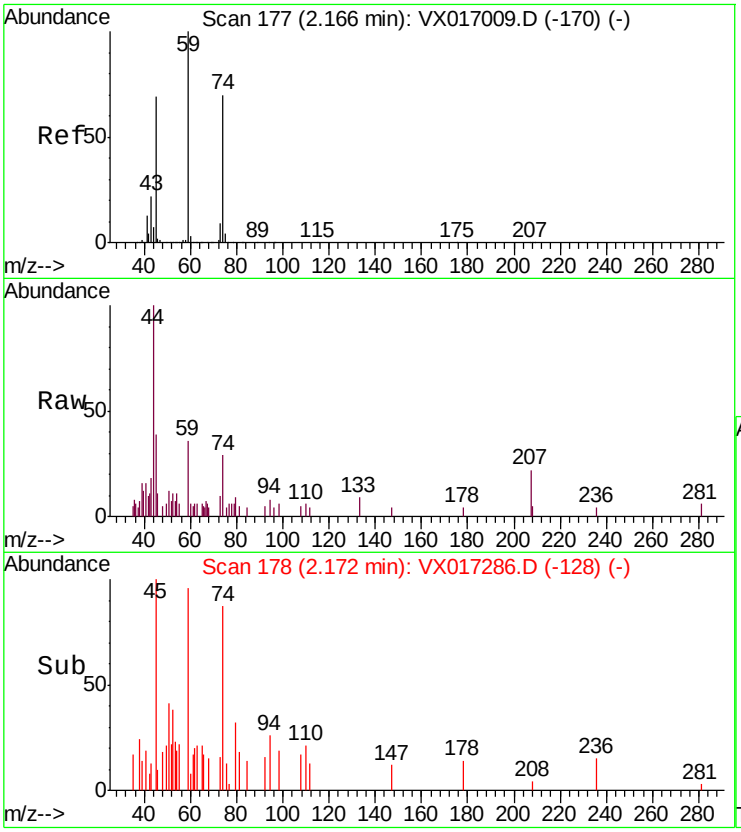


#5
Bromomethane
Concen: 0.301 ug/l
RT: 1.64 min Scan# 91
Delta R.T. 0.02 min
Lab File: VX017286.D
Acq: 09 Jul 2020 03:12

Tgt Ion: 94 Resp: 420

Ion	Ratio	Lower	Upper
94	100		
96	31.9	75.0	112.4#



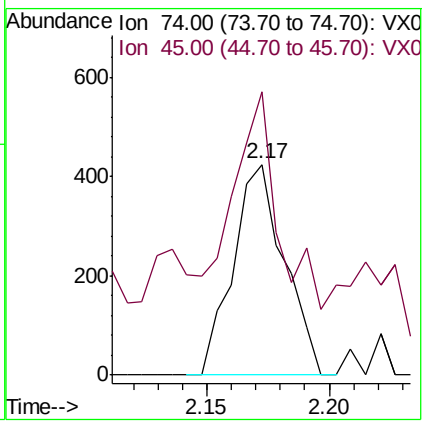


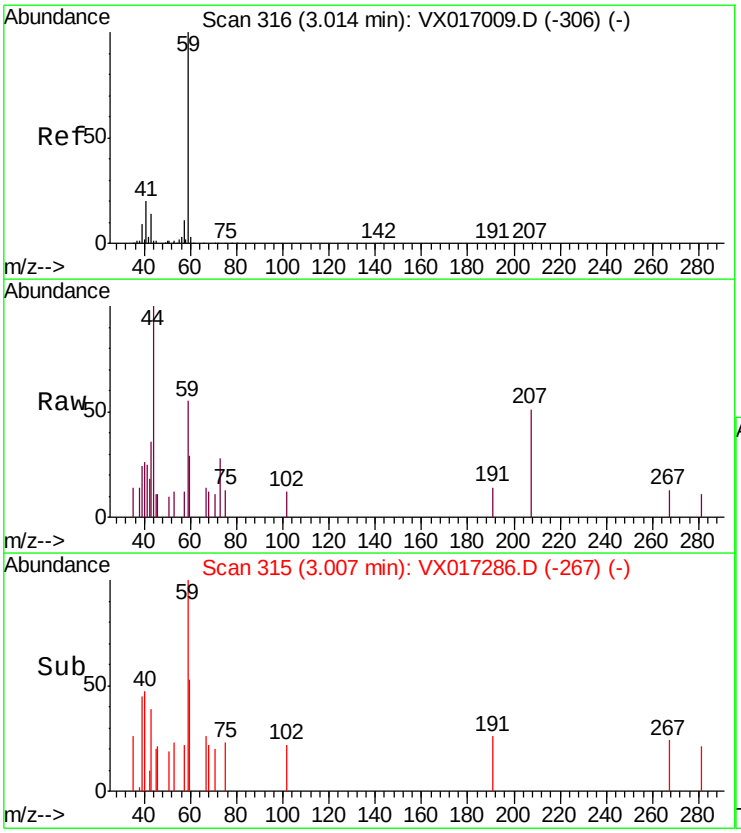
#8
Diethyl Ether
Concen: 0.831 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017286.D
Acq: 09 Jul 2020 03:12

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#01

Tgt Ion: 74 Resp: 617

Ion	Ratio	Lower	Upper
74	100		
45	85.4	49.8	149.3

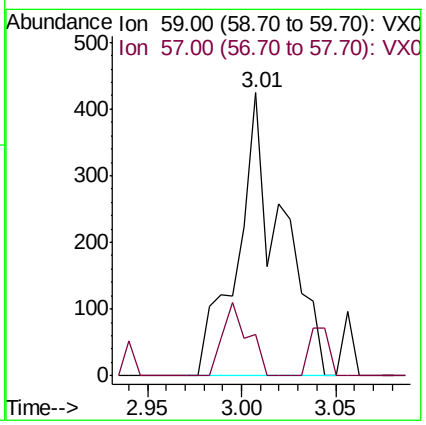


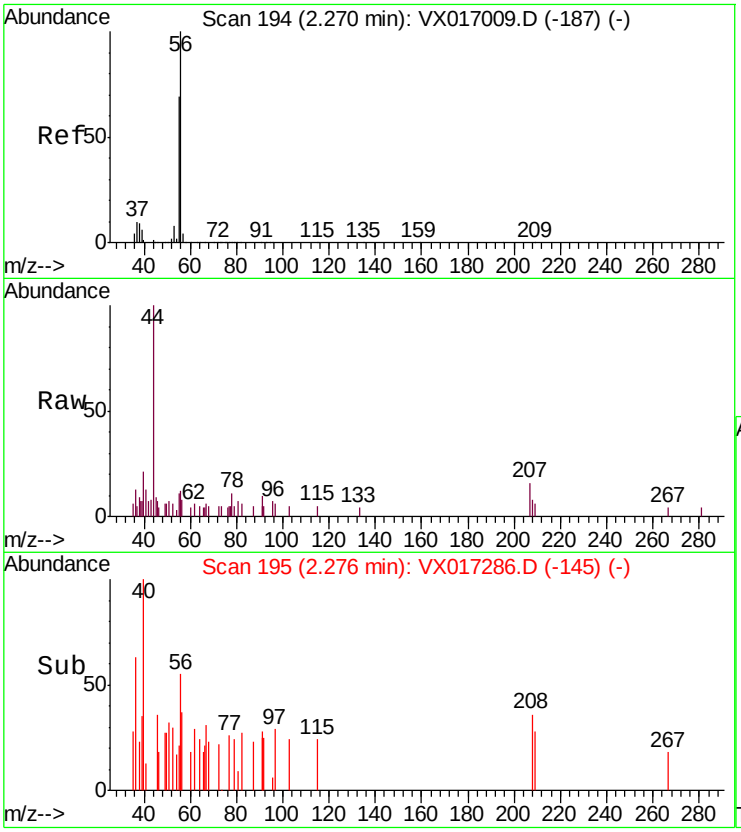


#11
Tert butyl alcohol
Concen: 1.204 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017286.D
Acq: 09 Jul 2020 03:12

Tgt Ion: 59 Resp: 689

Ion	Ratio	Lower	Upper
59	100		
57	15.1	8.2	12.2#



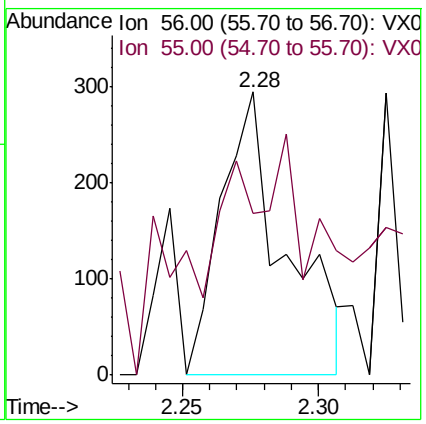


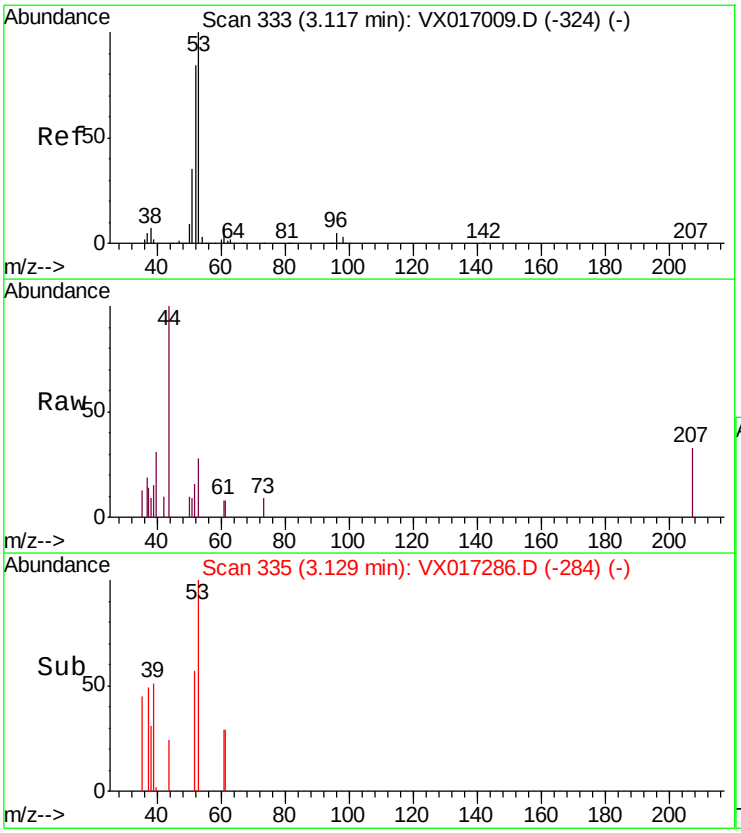
#13
Acrolein
Concen: 1.400 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX017286.D
Acq: 09 Jul 2020 03:12

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#01

Tgt Ion: 56 Resp: 479

Ion	Ratio	Lower	Upper
56	100		
55	31.5	55.7	83.5#

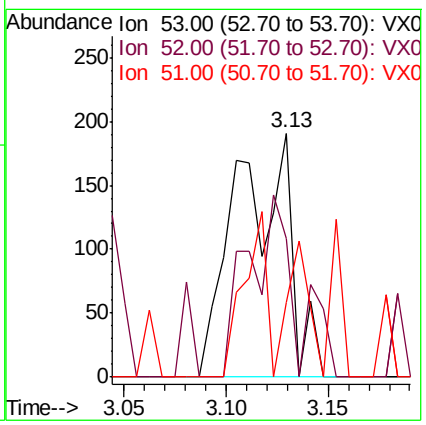


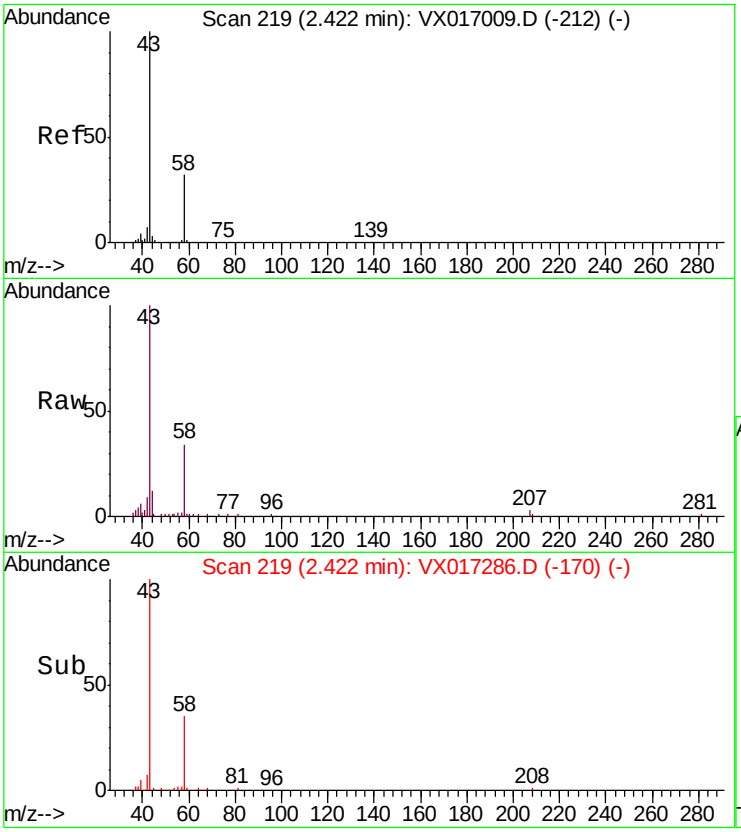


#15
Acrylonitrile
Concen: 0.255 ug/l
RT: 3.13 min Scan# 335
Delta R.T. 0.01 min
Lab File: VX017286.D
Acq: 09 Jul 2020 03:12

Tgt Ion: 53 Resp: 351

Ion	Ratio	Lower	Upper
53	100		
52	53.3	65.6	98.4#
51	0.0	28.3	42.5#



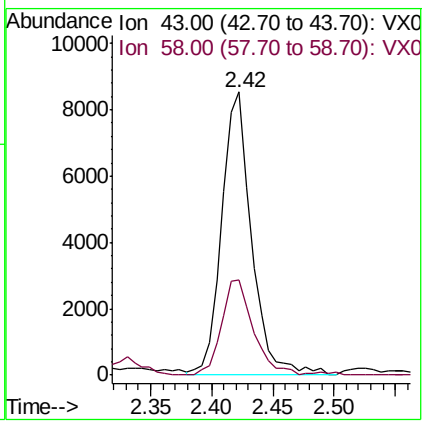


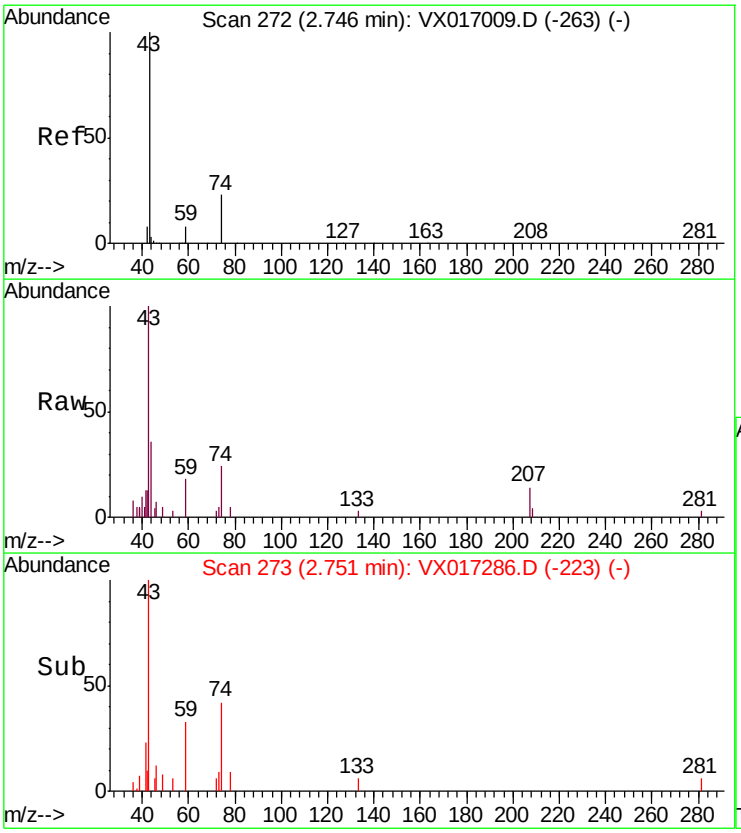
#16
Acetone
Concen: 12.883 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX017286.D
Acq: 09 Jul 2020 03:12

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#01

Tgt Ion: 43 Resp: 14458

Ion	Ratio	Lower	Upper
43	100		
58	33.8	25.7	38.5

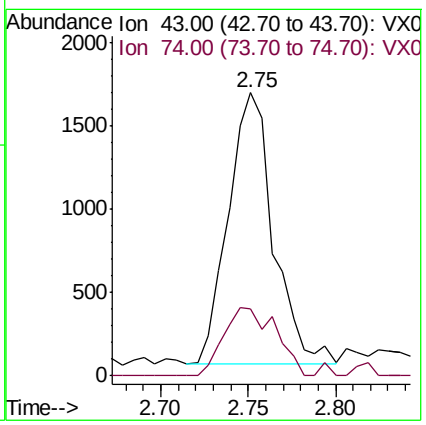


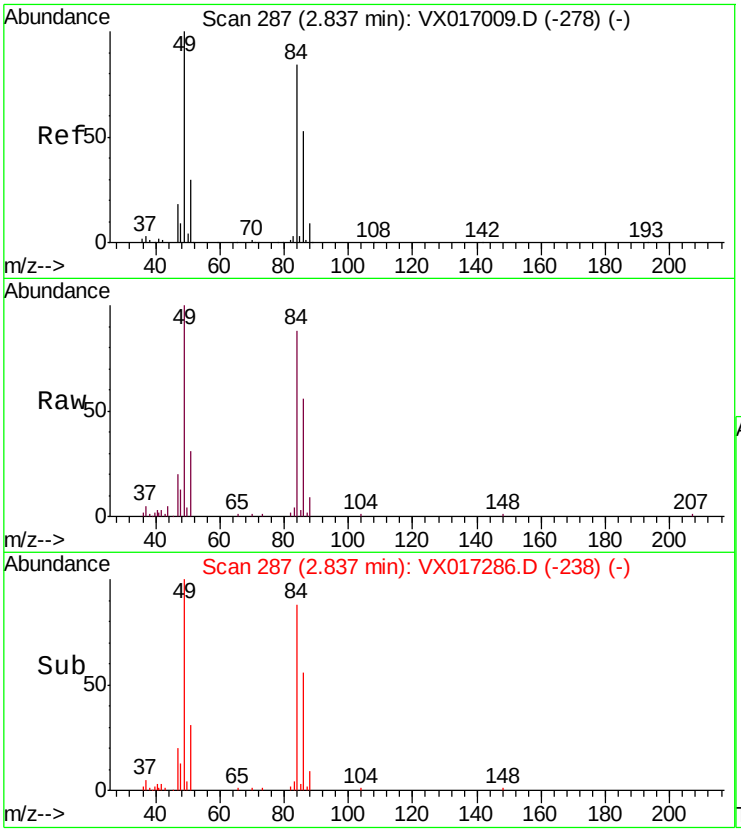


#18
Methyl Acetate
Concen: 0.990 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017286.D
Acq: 09 Jul 2020 03:12

Tgt Ion: 43 Resp: 2899

Ion	Ratio	Lower	Upper
43	100		
74	29.3	19.3	28.9#



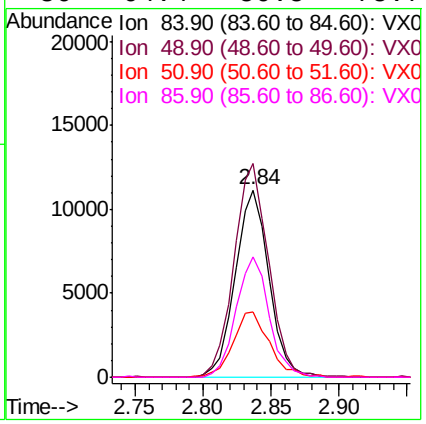


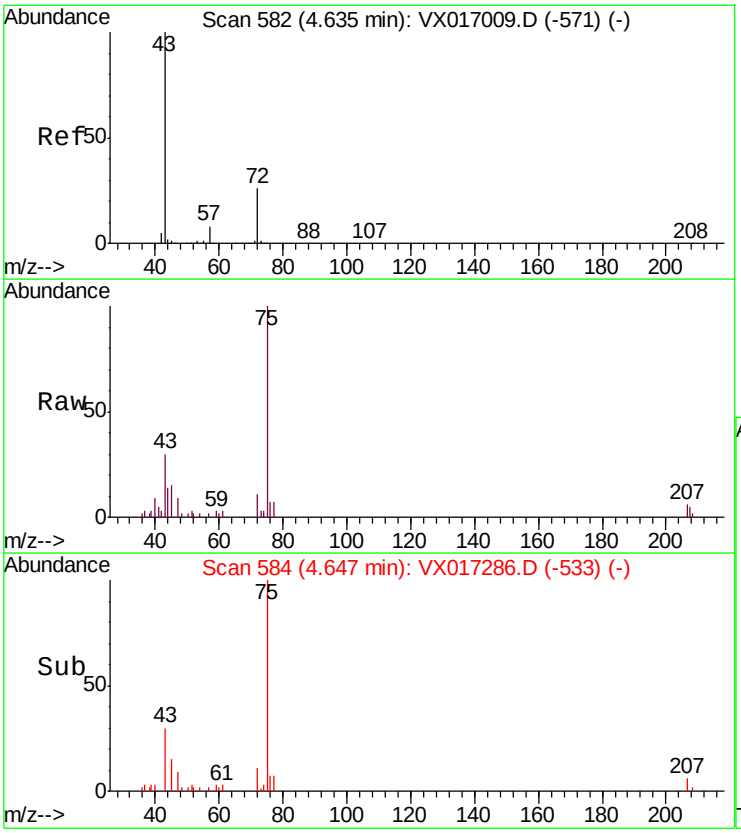
#20
Methylene Chloride
Concen: 6.816 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017286.D
Acq: 09 Jul 2020 03:12

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#01

Tgt Ion: 84 Resp: 19283

Ion	Ratio	Lower	Upper
84	100		
49	114.1	94.7	142.1
51	35.1	28.6	42.8
86	64.4	50.5	75.7

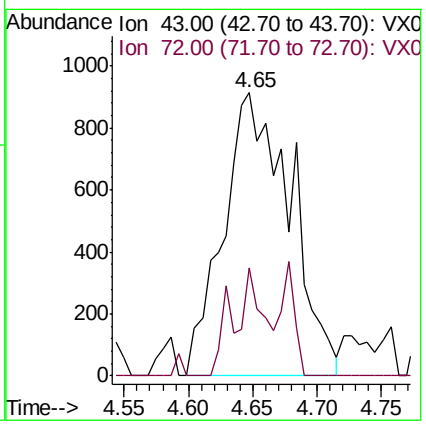


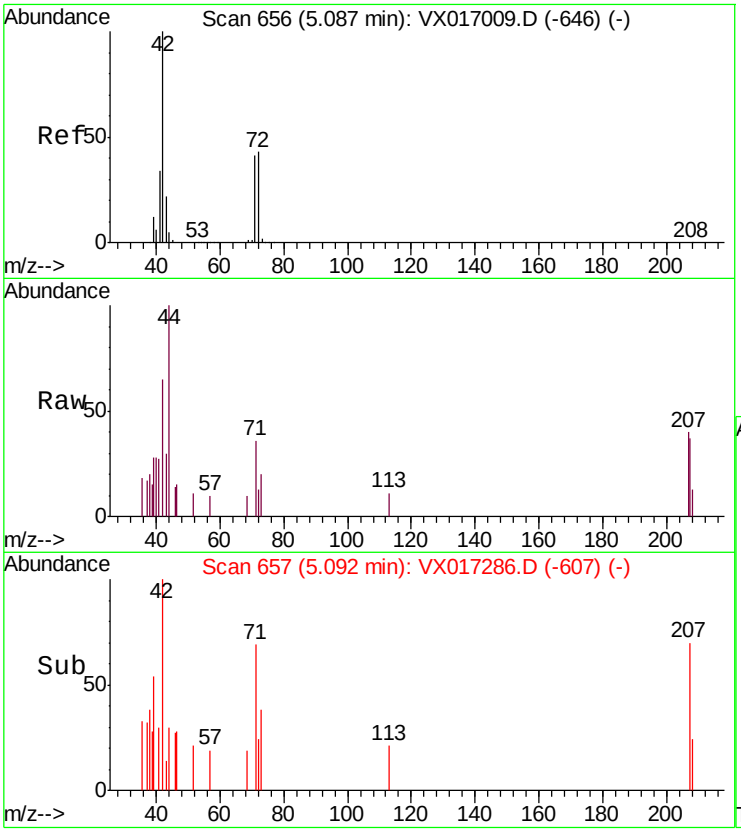


#25
2-Butanone
Concen: 1.773 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX017286.D
Acq: 09 Jul 2020 03:12

Tgt Ion: 43 Resp: 3316

Ion	Ratio	Lower	Upper
43	100		
72	38.1	20.8	31.2#



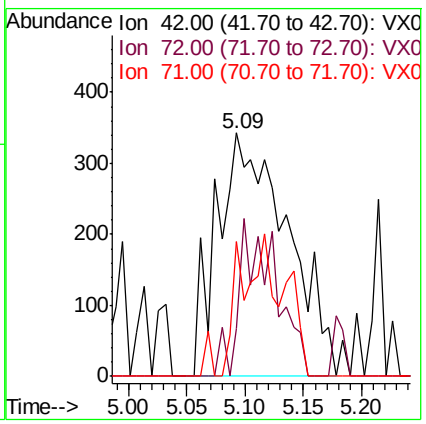


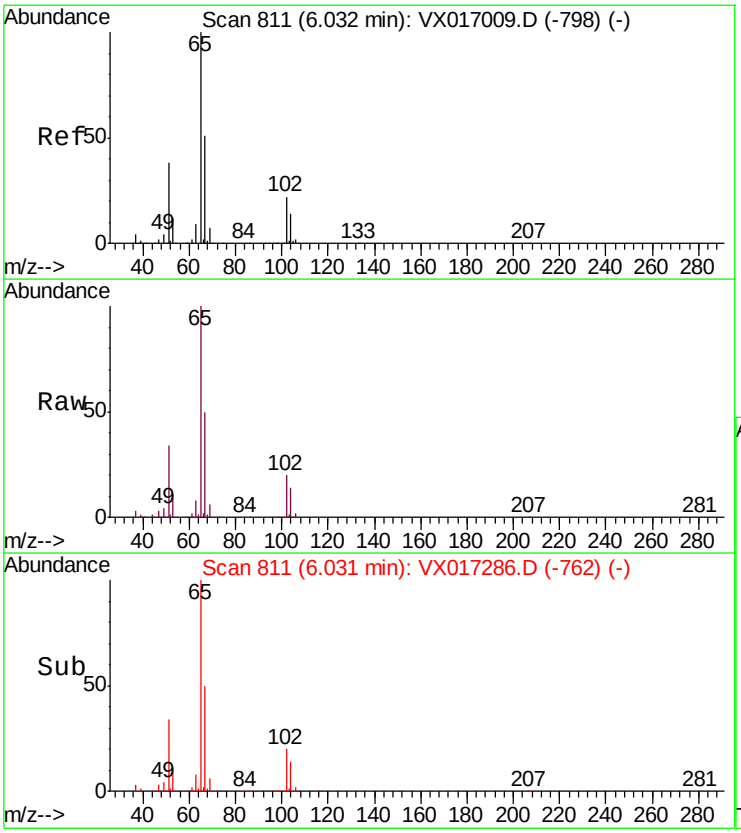
#29
Tetrahydrofuran
Concen: 1.171 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017286.D
Acq: 09 Jul 2020 03:12

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#01

Tgt Ion: 42 Resp: 1447

Ion	Ratio	Lower	Upper
42	100		
72	12.3	35.3	52.9#
71	9.1	33.1	49.7#

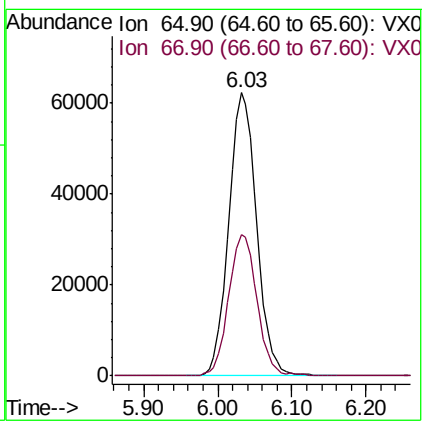


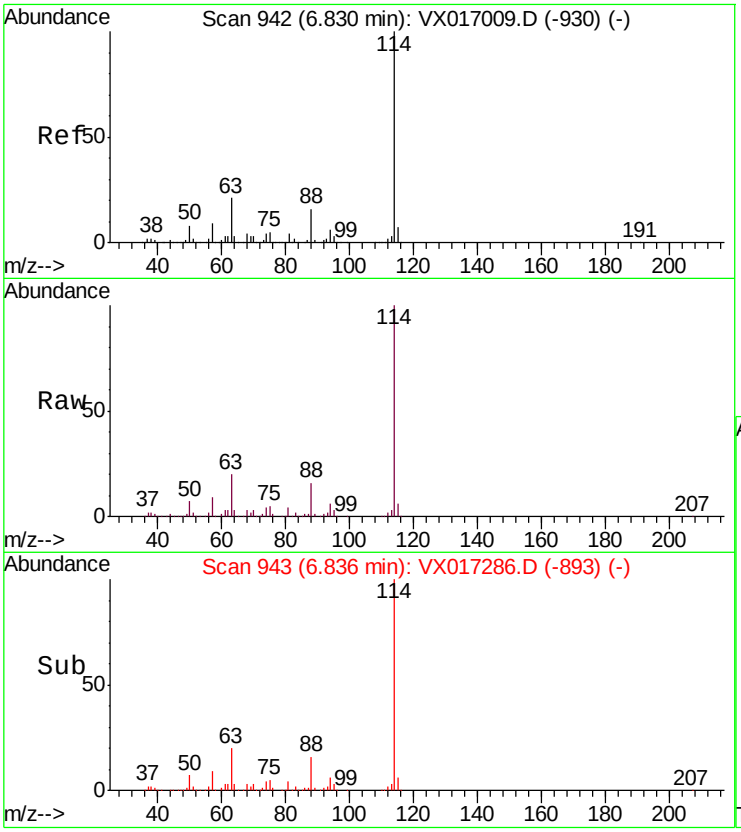


#33
1,2-Dichloroethane-d4
Concen: 54.594 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX017286.D
Acq: 09 Jul 2020 03:12

Tgt Ion: 65 Resp: 163773

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	103.8



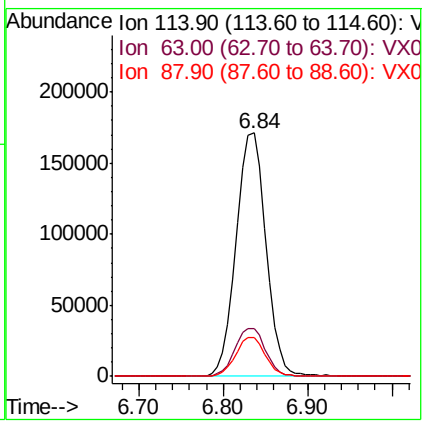


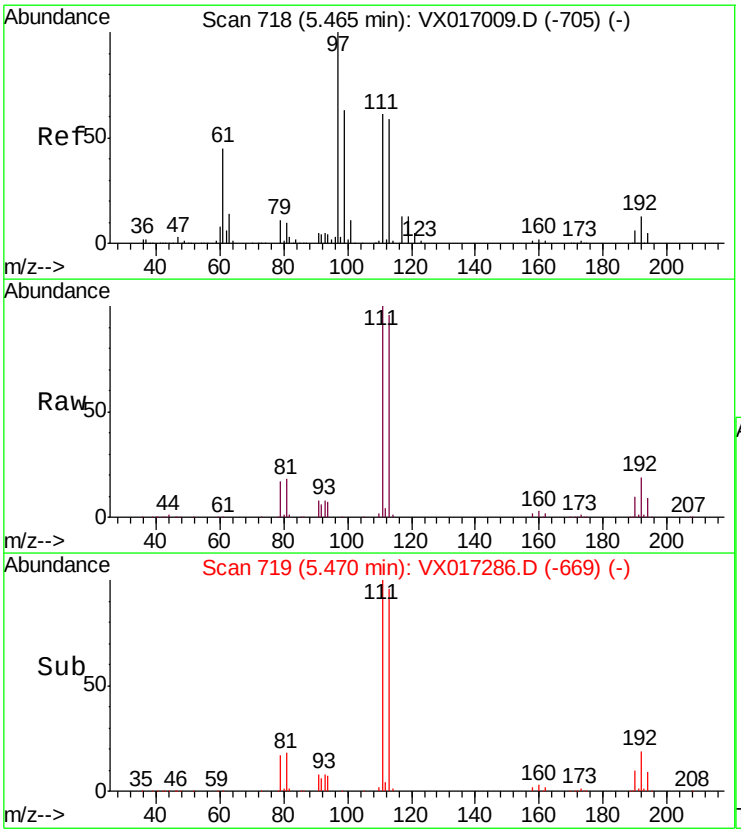
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX017286.D
Acq: 09 Jul 2020 03:12

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#01

Tgt Ion:114 Resp: 409769

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	41.4
88	15.9	0.0	32.4

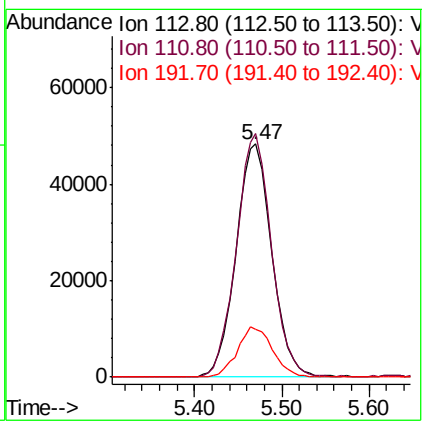


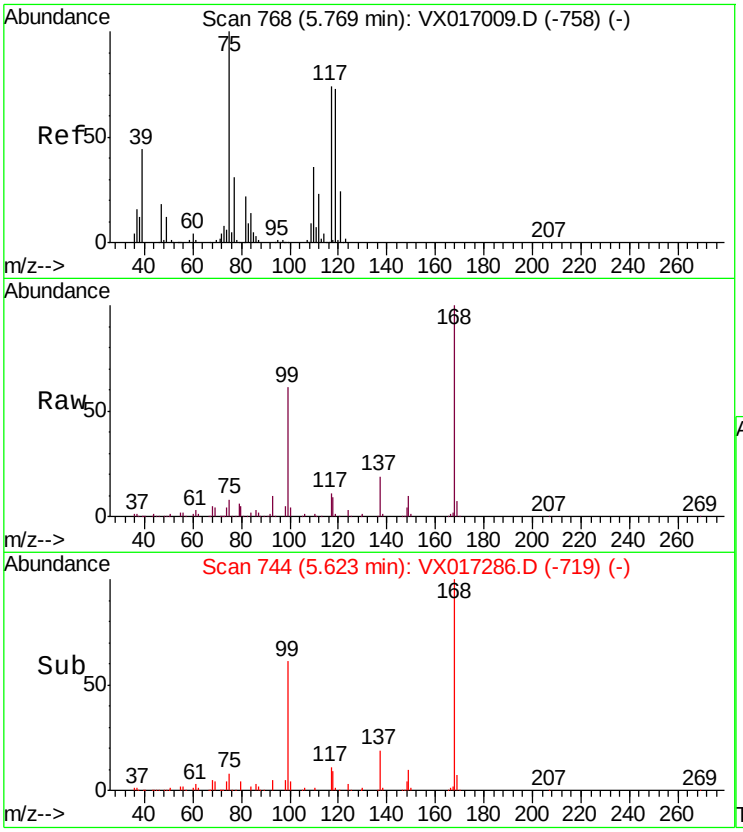


#35
Dibromofluoromethane
Concen: 53.039 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX017286.D
Acq: 09 Jul 2020 03:12

Tgt Ion:113 Resp: 137480

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.9	122.9
192	21.0	16.7	25.1



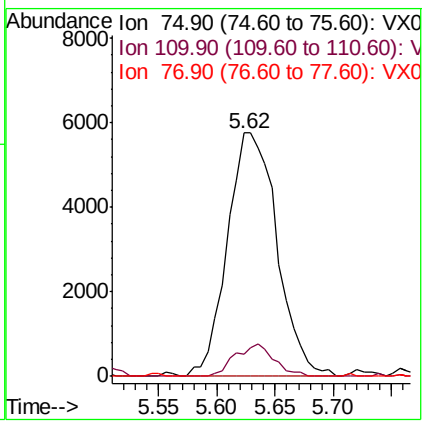


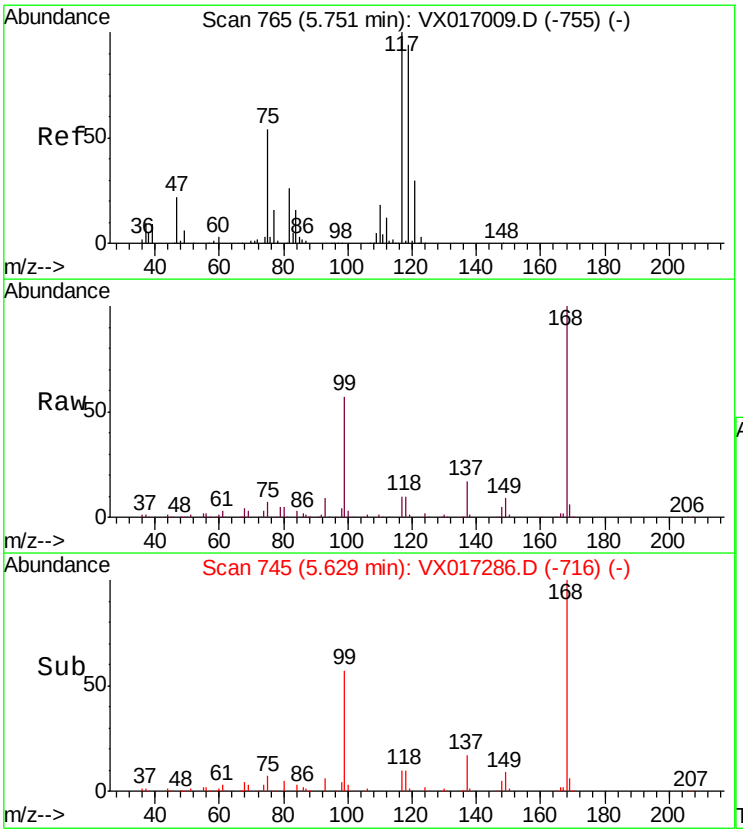
#36
1,1-Dichloropropene
Concen: 4.398 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.15 min
Lab File: VX017286.D
Acq: 09 Jul 2020 03:12

Instrument : MSVOA_X
ClientSampleId : PB130015ZHE#01

Tgt Ion: 75 Resp: 17032

Ion	Ratio	Lower	Upper
75	100		
110	10.4	18.1	54.1#
77	0.0	24.6	37.0#

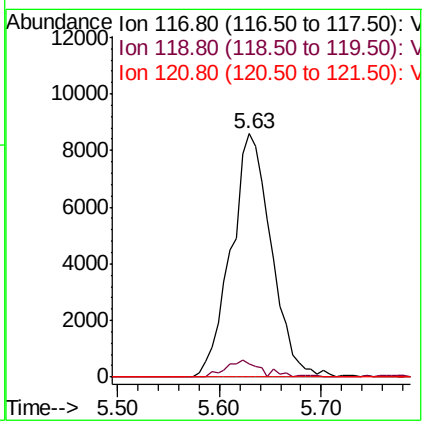


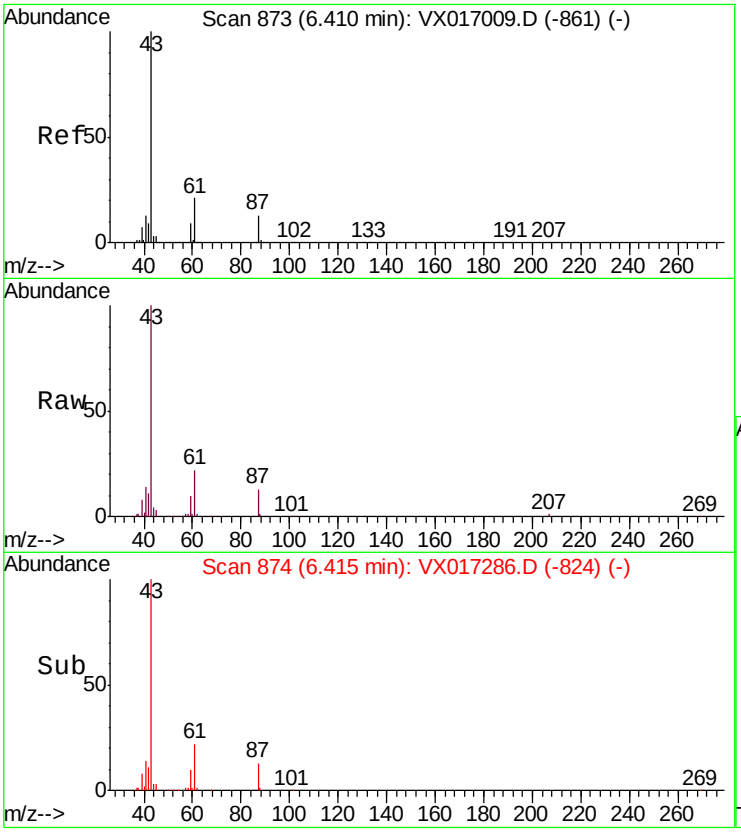


#38
Carbon Tetrachloride
Concen: 5.519 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX017286.D
Acq: 09 Jul 2020 03:12

Tgt Ion:117 Resp: 23542

Ion	Ratio	Lower	Upper
117	100		
119	5.3	75.4	113.0#
121	0.0	23.8	35.6#



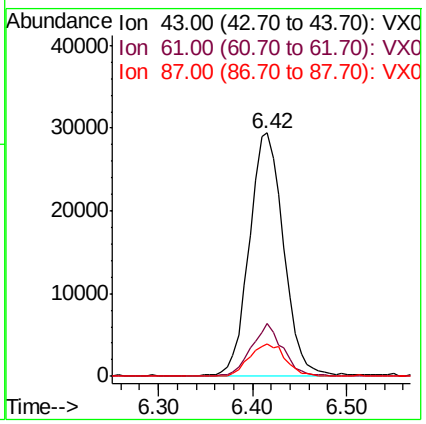


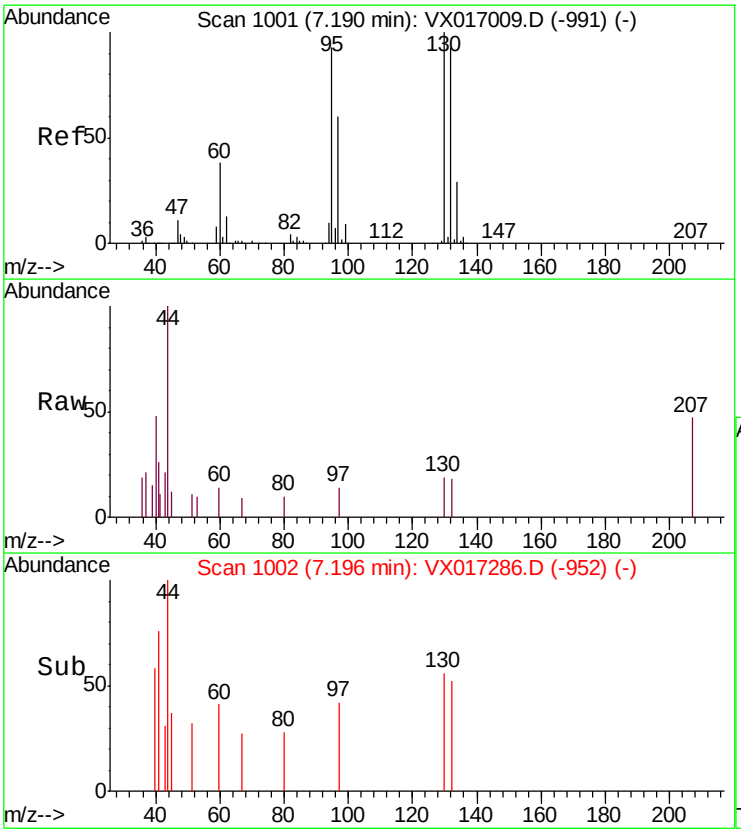
#43
Isopropyl Acetate
Concen: 11.525 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.01 min
Lab File: VX017286.D
Acq: 09 Jul 2020 03:12

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#01

Tgt Ion: 43 Resp: 75252

Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.2	24.2
87	13.9	10.7	16.1

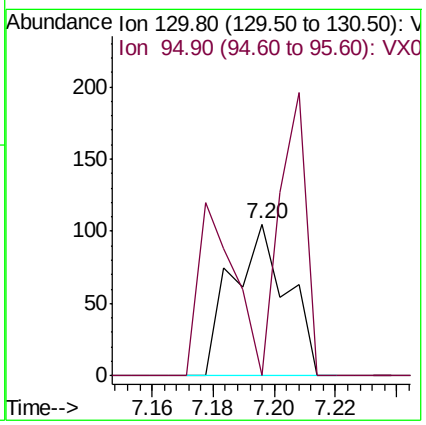


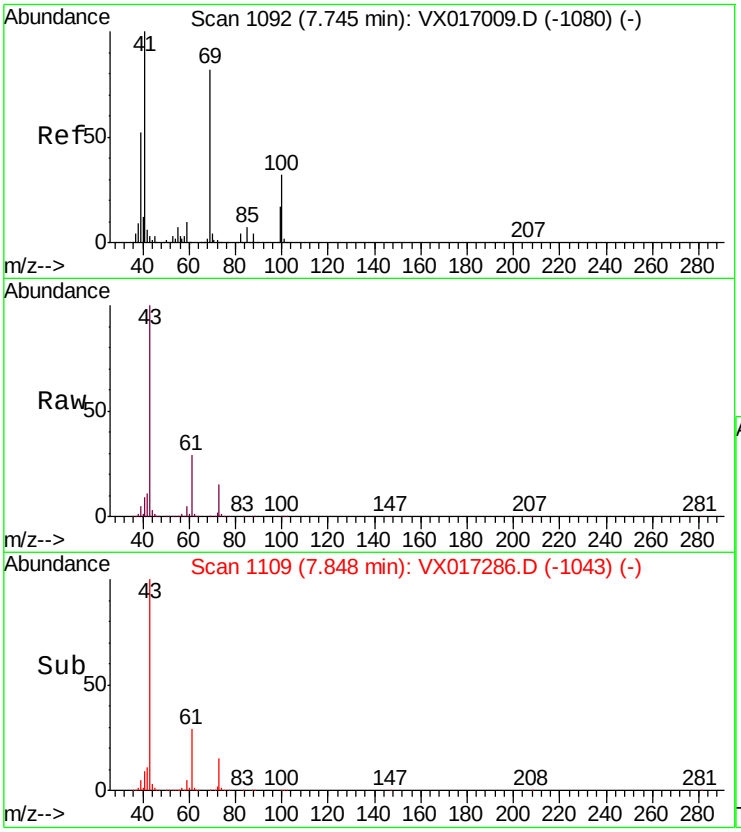


#44
Trichloroethene
Concen: Below Cal
RT: 7.20 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VX017286.D
Acq: 09 Jul 2020 03:12

Tgt Ion:130 Resp: 131

Ion	Ratio	Lower	Upper
130	100		
95	0.0	0.0	185.0



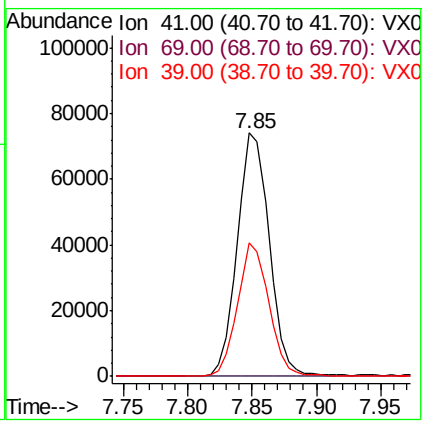


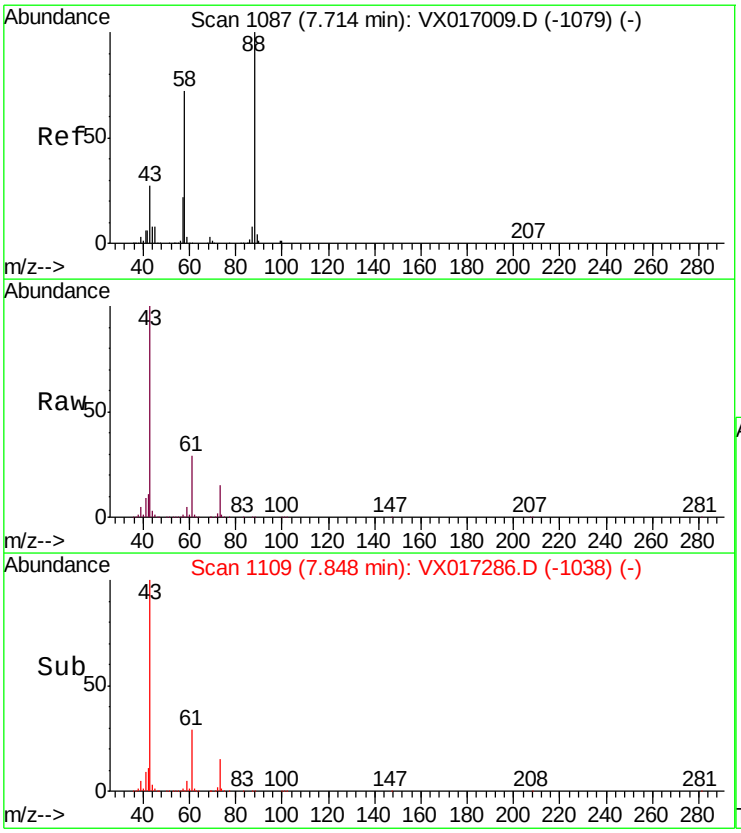
#48
Methyl methacrylate
Concen: 40.920 ug/l
RT: 7.85 min Scan# 1109
Delta R.T. 0.10 min
Lab File: VX017286.D
Acq: 09 Jul 2020 03:12

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#01

Tgt Ion: 41 Resp: 126940

Ion	Ratio	Lower	Upper
41	100		
69	0.3	65.8	98.8#
39	53.6	42.5	63.7

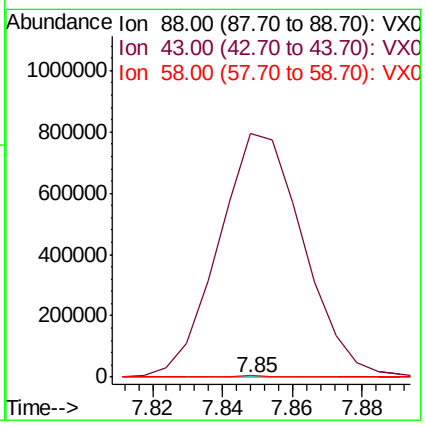


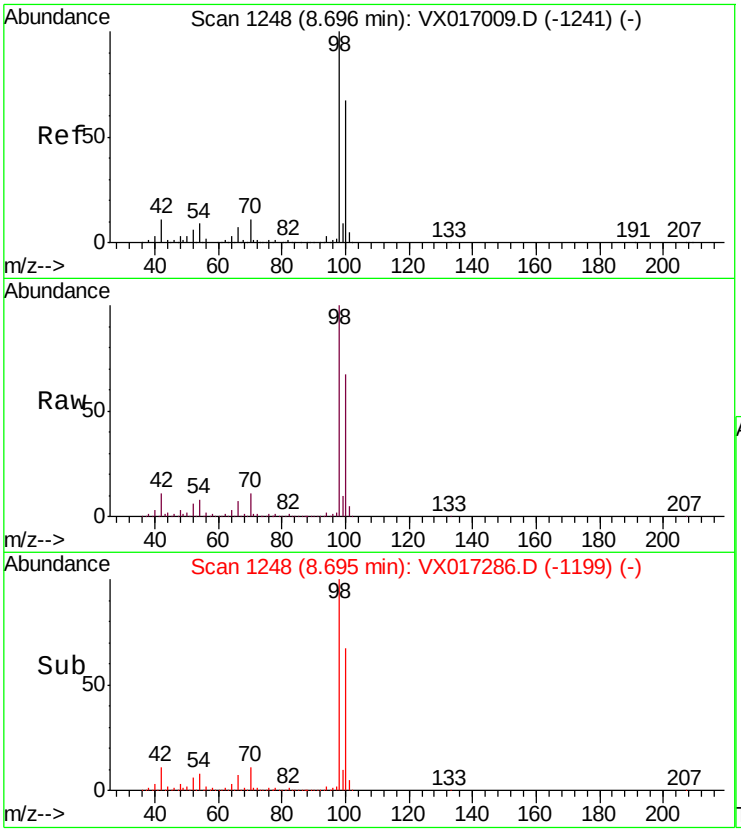


#49
1,4-Dioxane
Concen: 2.547 ug/l
RT: 7.85 min Scan# 1109
Delta R.T. 0.13 min
Lab File: VX017286.D
Acq: 09 Jul 2020 03:12

Tgt Ion: 88 Resp: 179

Ion	Ratio	Lower	Upper
88	100		
43	760682.1	25.8	38.8#
58	3838.5	54.8	82.2#



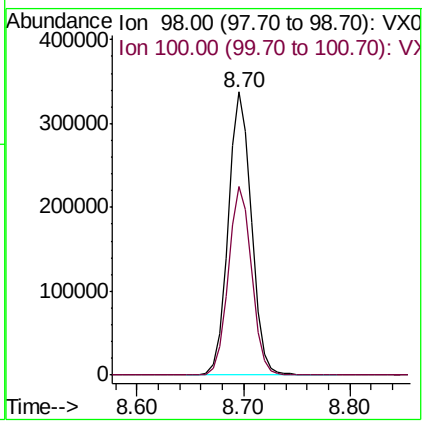


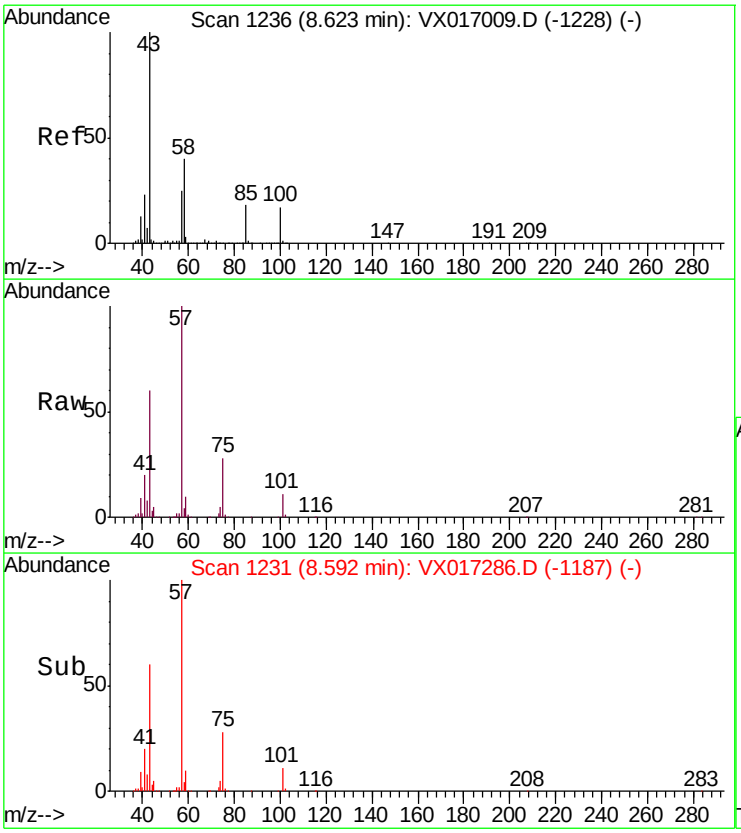
#50
Toluene-d8
Concen: 53.699 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017286.D
Acq: 09 Jul 2020 03:12

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#01

Tgt Ion: 98 Resp: 514705

Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.8	80.6

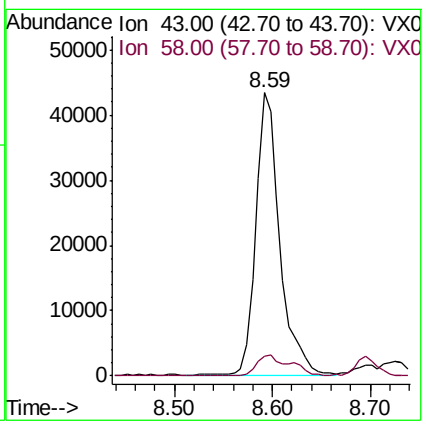


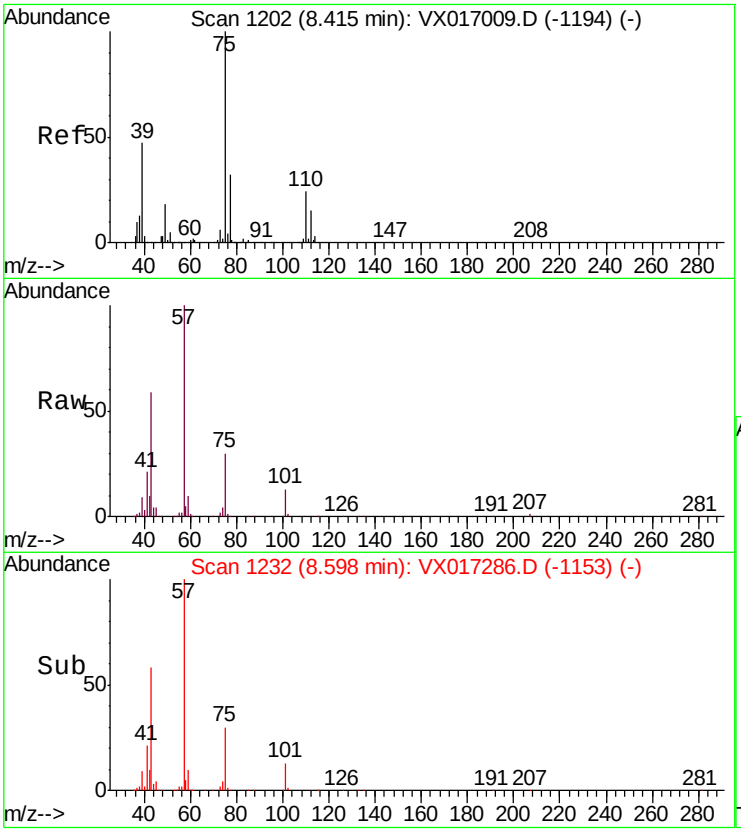


#51
4-Methyl-2-Pentanone
Concen: 18.800 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.03 min
Lab File: VX017286.D
Acq: 09 Jul 2020 03:12

Tgt Ion: 43 Resp: 73174

Ion	Ratio	Lower	Upper
43	100		
58	10.6	31.9	47.9#



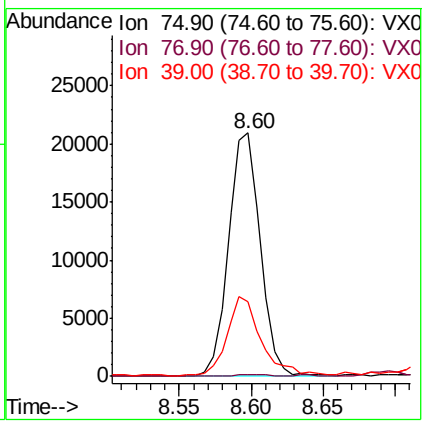


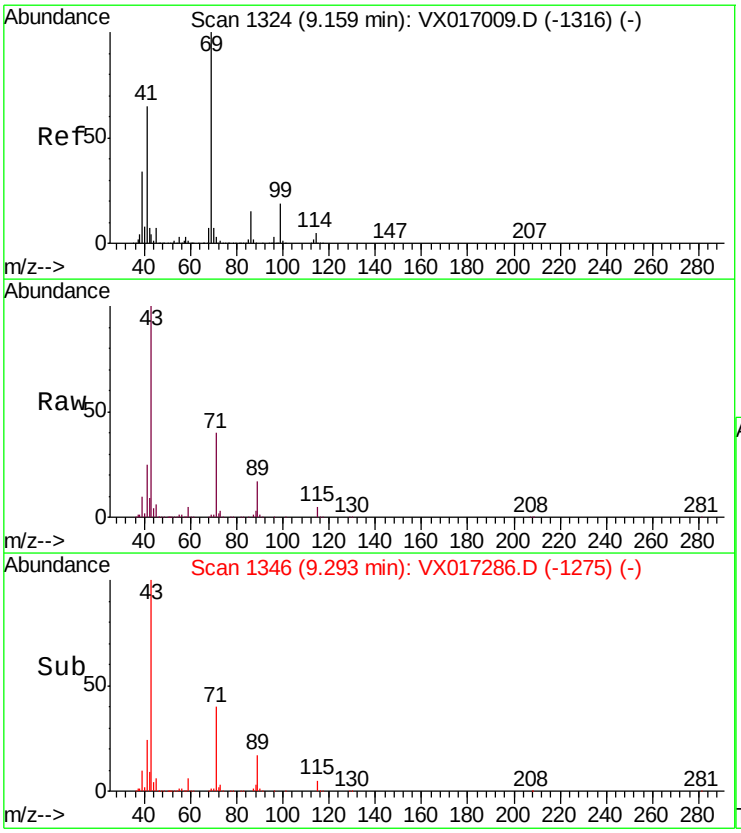
#54
cis-1,3-Dichloropropene
Concen: 6.635 ug/l
RT: 8.60 min Scan# 1232
Delta R.T. 0.18 min
Lab File: VX017286.D
Acq: 09 Jul 2020 03:12

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#01

Tgt Ion: 75 Resp: 32270

Ion	Ratio	Lower	Upper
75	100		
77	0.8	25.2	37.8#
39	30.3	37.4	56.2#

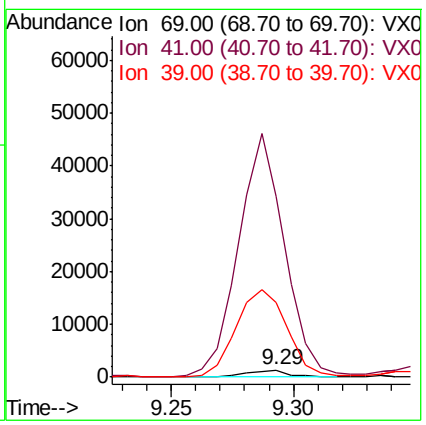


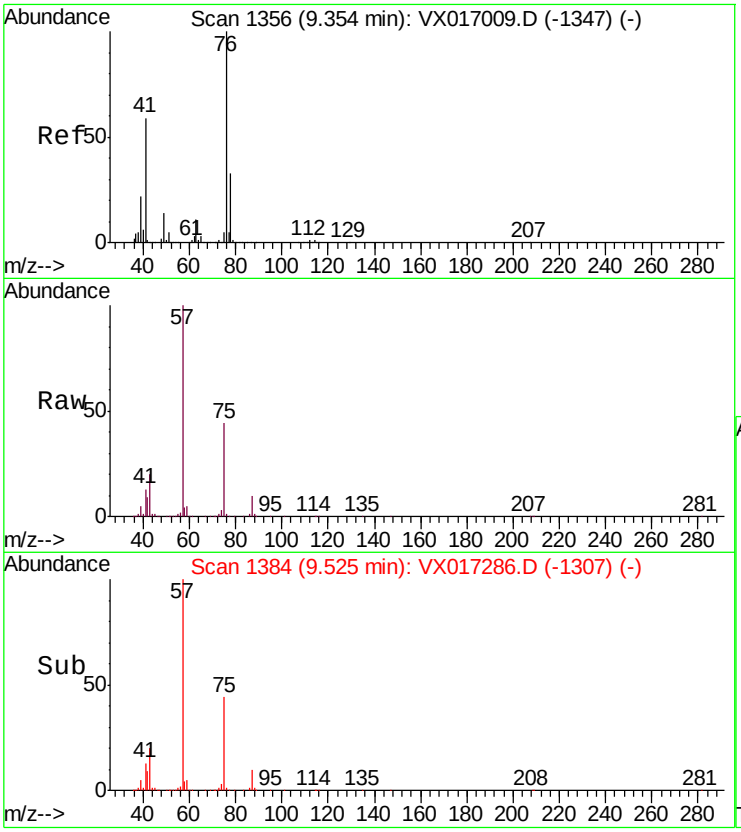


#56
Ethyl methacrylate
Concen: 0.420 ug/l
RT: 9.29 min Scan# 1346
Delta R.T. 0.13 min
Lab File: VX017286.D
Acq: 09 Jul 2020 03:12

Tgt Ion: 69 Resp: 1735

Ion	Ratio	Lower	Upper
69	100		
41	3490.6	53.6	80.4#
39	1388.7	28.2	42.2#



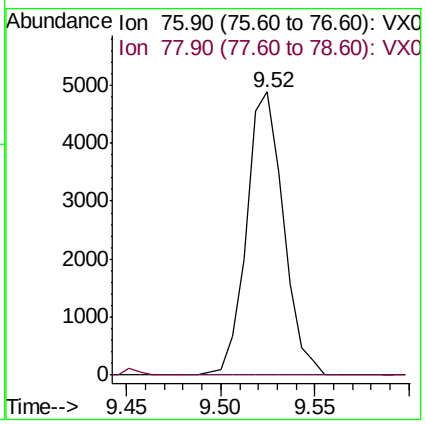


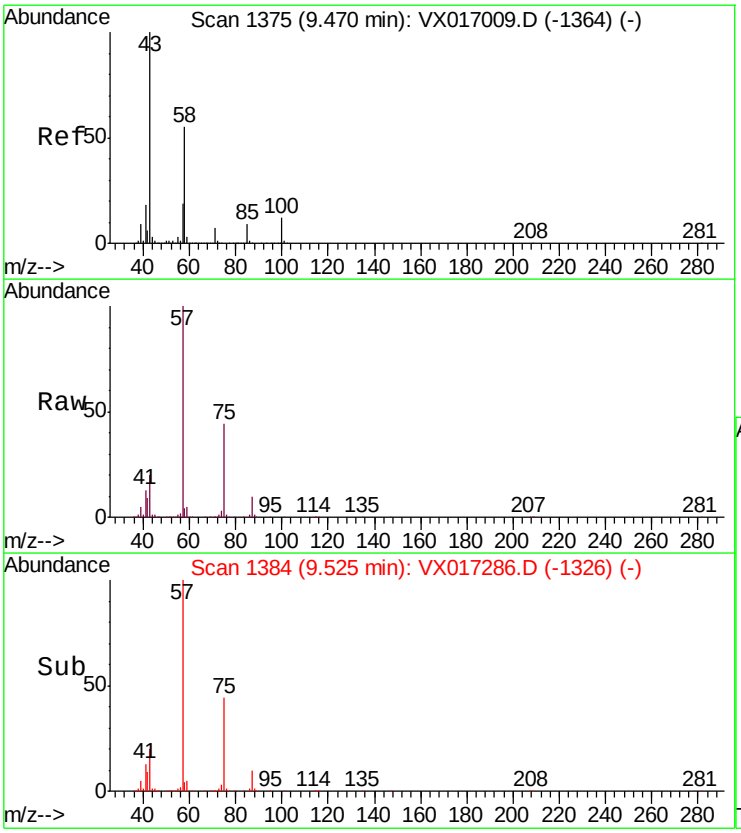
#57
1,3-Dichloropropane
Concen: 1.345 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.17 min
Lab File: VX017286.D
Acq: 09 Jul 2020 03:12

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#01

Tgt Ion: 76 Resp: 6608

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.9	38.9#

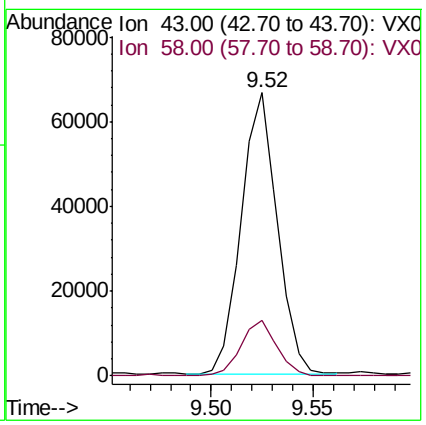


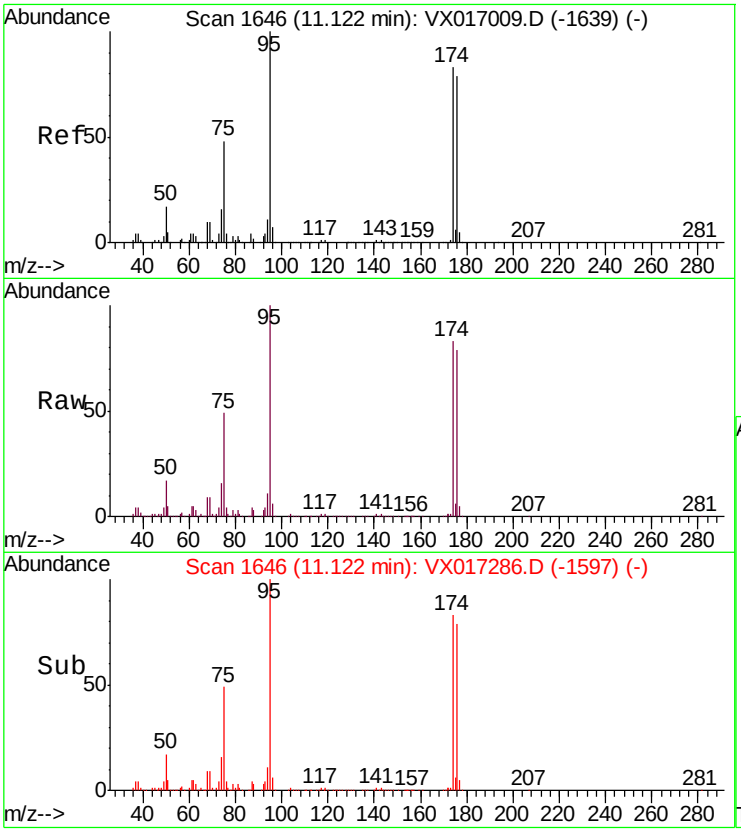


#59
2-Hexanone
Concen: 28.694 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX017286.D
Acq: 09 Jul 2020 03:12

Tgt Ion: 43 Resp: 81566

Ion	Ratio	Lower	Upper
43	100		
58	19.2	27.9	83.6#



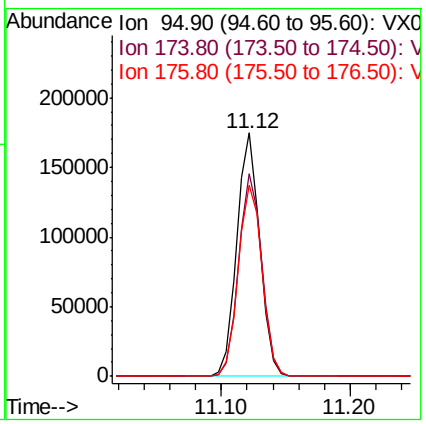


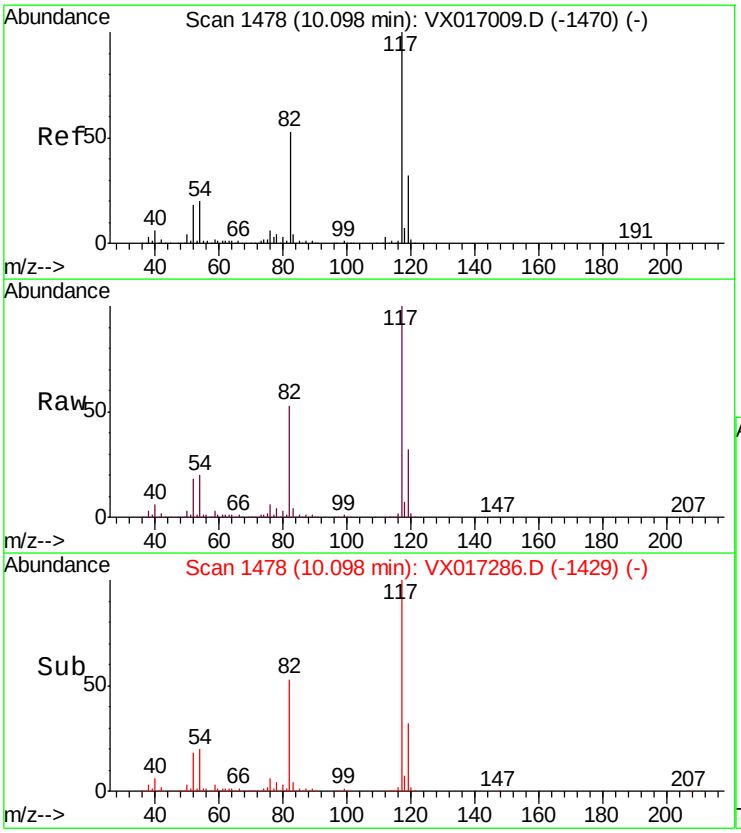
#62
4-Bromofluorobenzene
Concen: 57.500 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017286.D
Acq: 09 Jul 2020 03:12

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#01

Tgt Ion: 95 Resp: 215446

Ion	Ratio	Lower	Upper
95	100		
174	84.1	0.0	164.0
176	81.4	0.0	157.6

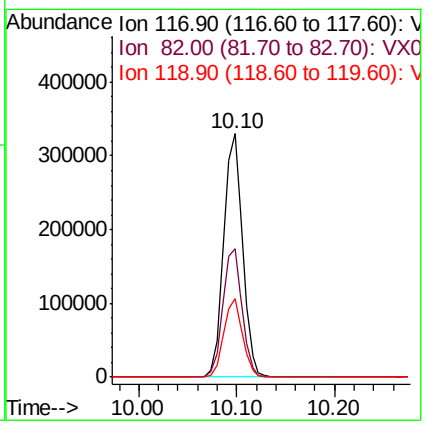


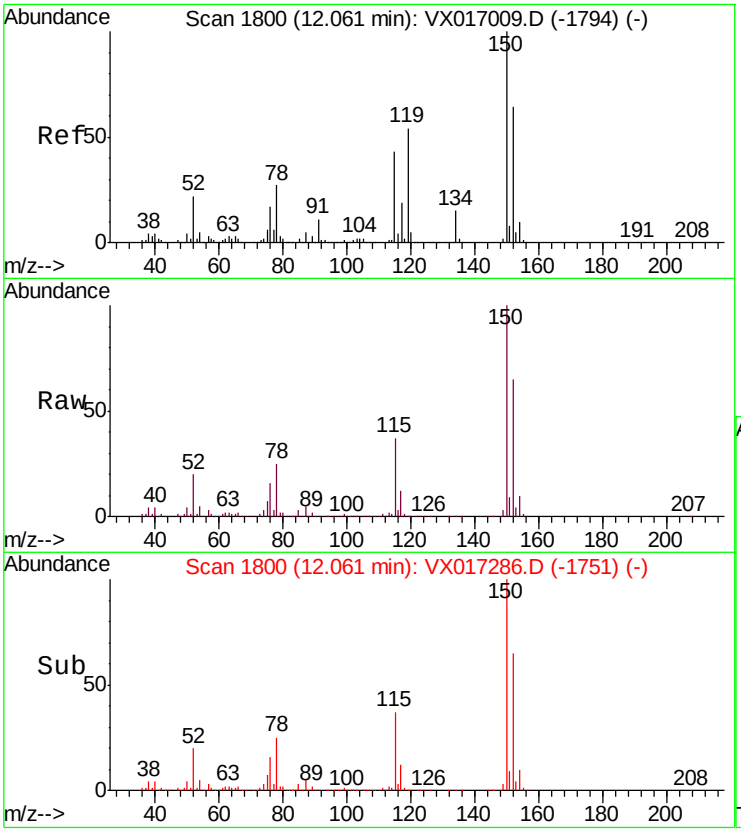


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017286.D
Acq: 09 Jul 2020 03:12

Tgt Ion:117 Resp: 443977

Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.6	63.8
119	32.3	25.4	38.2



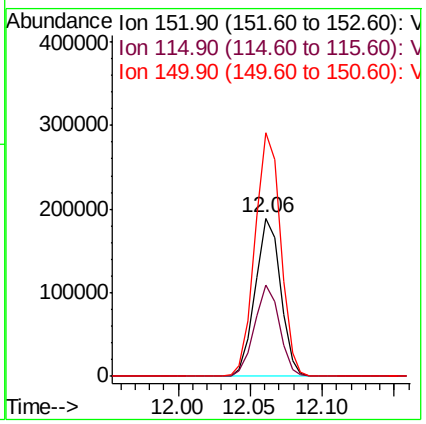


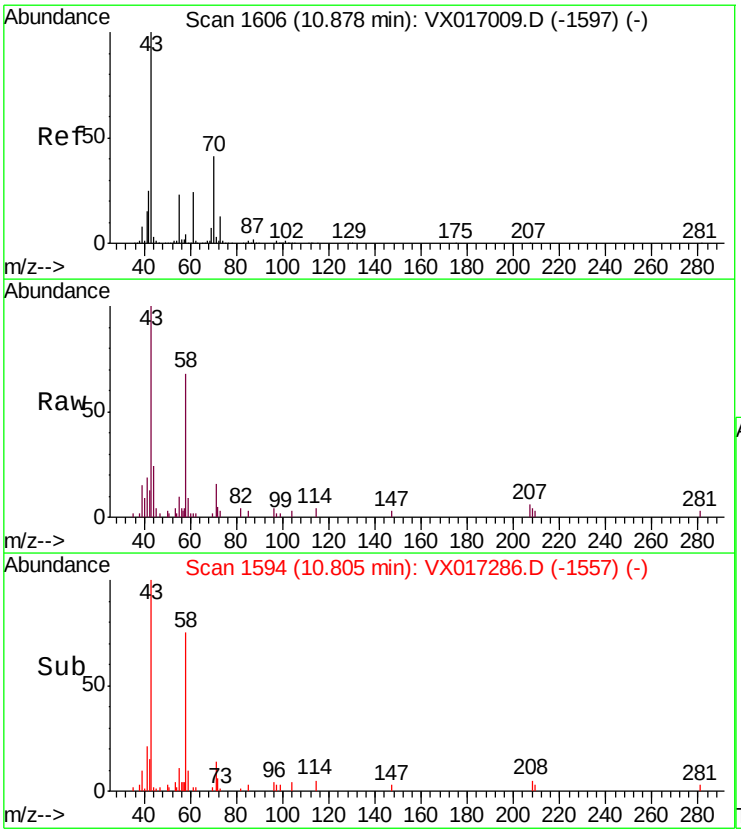
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017286.D
Acq: 09 Jul 2020 03:12

Instrument : MSVOA_X
ClientSampleId : PB130015ZHE#01

Tgt Ion:152 Resp: 229540

Ion	Ratio	Lower	Upper
152	100		
115	56.6	40.9	122.7
150	155.1	0.0	351.6

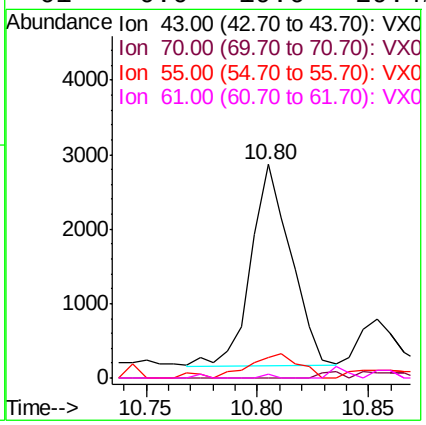


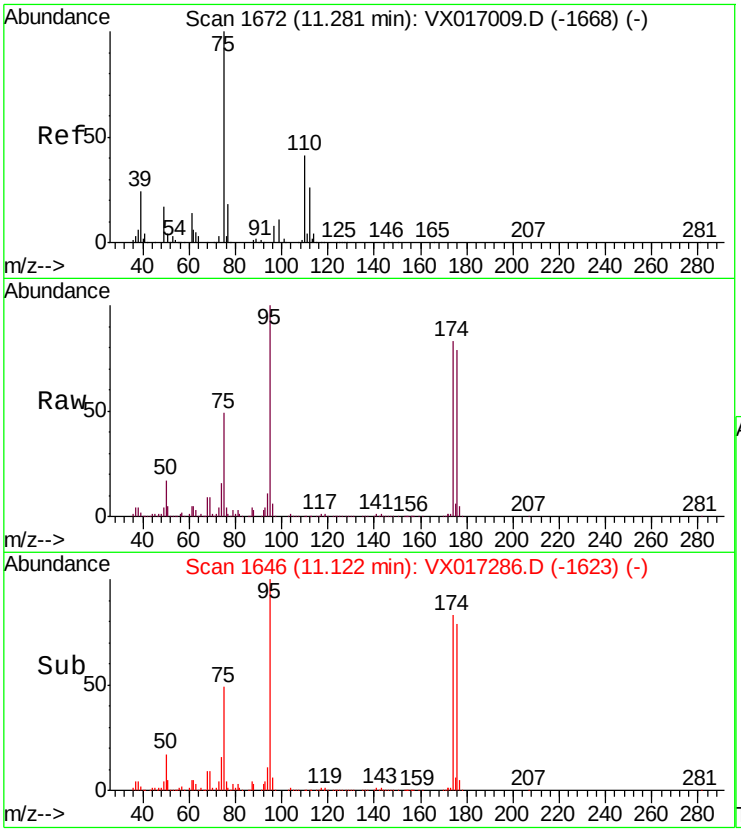


#74
N-amyl acetate
Concen: 0.527 ug/l
RT: 10.80 min Scan# 1594
Delta R.T. -0.07 min
Lab File: VX017286.D
Acq: 09 Jul 2020 03:12

Tgt Ion: 43 Resp: 3379

Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.2	51.2#
55	14.7	19.2	28.8#
61	0.0	19.6	29.4#



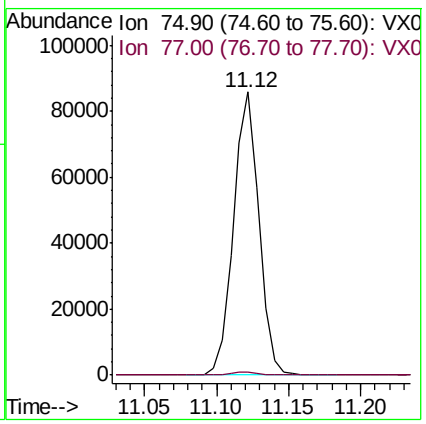


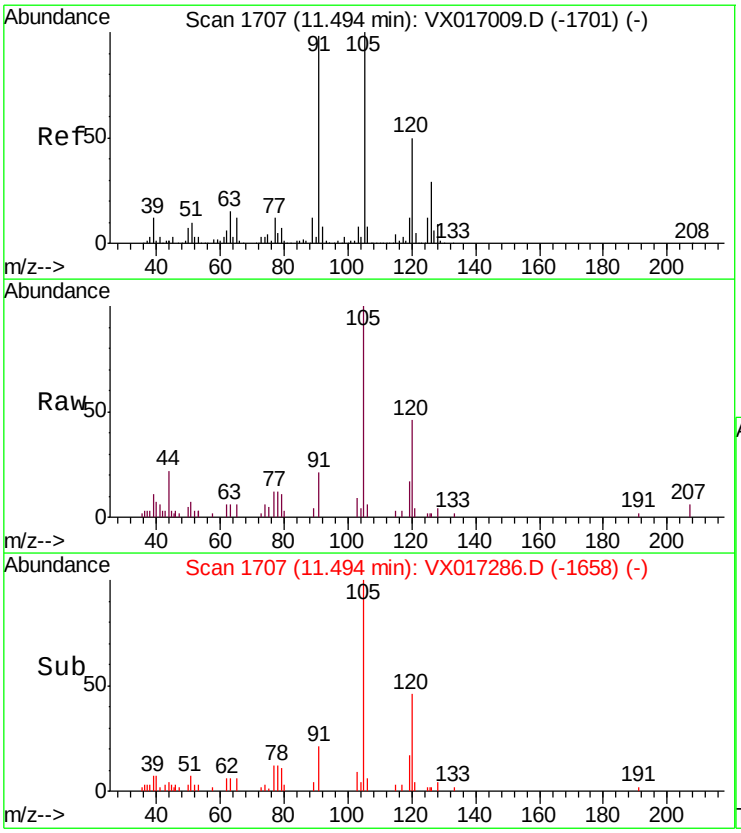
#76
1,2,3-Trichloropropane
Concen: 23.449 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX017286.D
Acq: 09 Jul 2020 03:12

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#01

Tgt Ion: 75 Resp: 105845

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.2	60.6#

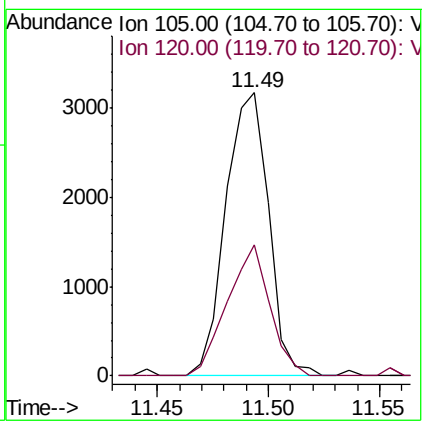


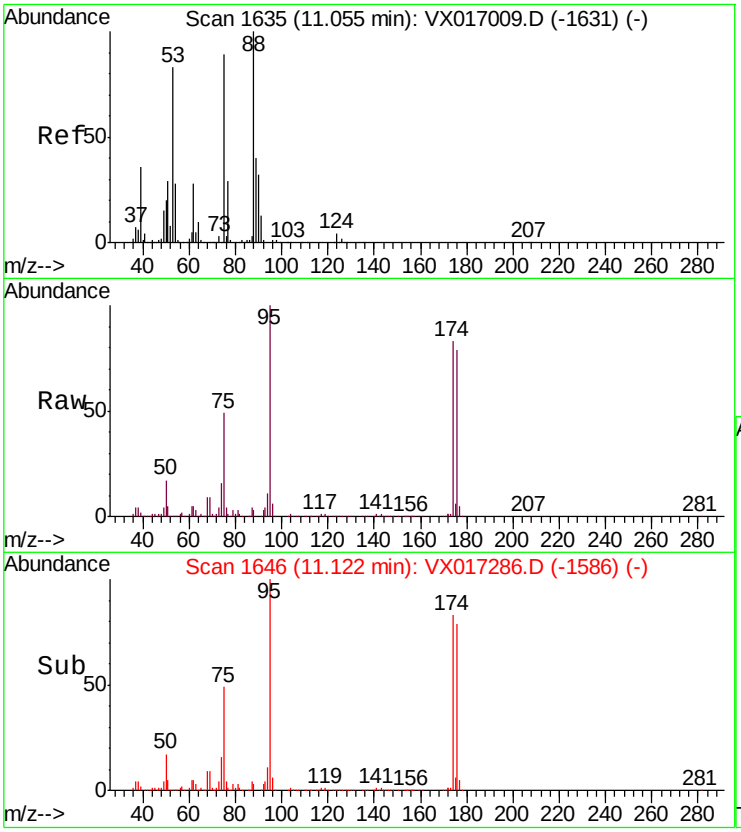


#80
1,3,5-Trimethylbenzene
Concen: 0.341 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017286.D
Acq: 09 Jul 2020 03:12

Tgt Ion:105 Resp: 4251

Ion	Ratio	Lower	Upper
105	100		
120	46.1	24.9	74.6



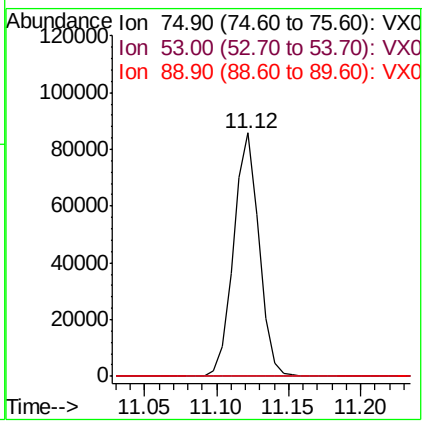


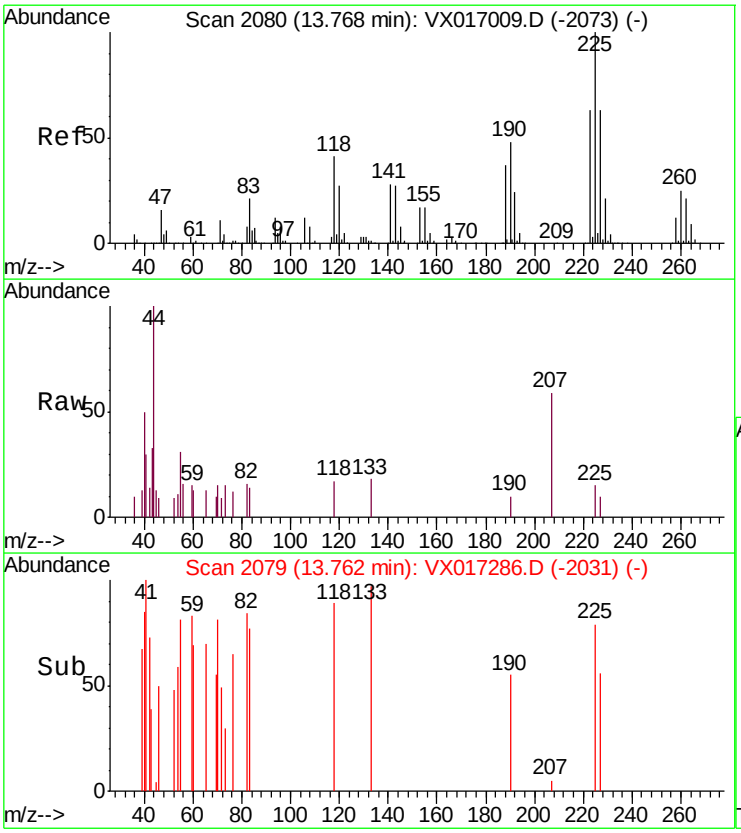
#81
trans-1,4-Dichloro-2-butene
Concen: 60.725 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX017286.D
Acq: 09 Jul 2020 03:12

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#01

Tgt Ion: 75 Resp: 105845

Ion	Ratio	Lower	Upper
75	100		
53	0.2	72.4	108.6#
89	0.1	37.0	55.4#





#94
Hexachlorobutadiene
Concen: 0.876 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX017286.D
Acq: 09 Jul 2020 03:12

Tgt Ion:225 Resp: 59

Ion	Ratio	Lower	Upper
225	100		
223	0.0	32.5	97.5#
227	106.8	33.1	99.2#