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

Quantitation Report (Not Reviewed)

Data File : VX017289.D
Acq On : 09 Jul 2020 04:20
Operator : JC/SP
Sample : PB130015ZHE#04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB130015ZHE#04

Quant Time: Jul 09 05:08:41 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	244280	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.83	114	409450	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.10	117	445541	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	229343	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	163259	54.21	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.42%				
35) Dibromofluoromethane	5.47	113	140058	54.08	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.16%				
50) Toluene-d8	8.70	98	520306	54.33	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.66%				
62) 4-Bromofluorobenzene	11.12	95	216231	57.75	ug/l		0.00
Spiked Amount 50.000			Recovery = 115.50%				
Target Compounds							Qvalue
5) Bromomethane	1.63	94	290	0.207	ug/l	#	56
8) Diethyl Ether	2.17	74	649	0.853	ug/l		95
11) Tert butyl alcohol	3.01	59	807	1.405	ug/l	#	79
13) Acrolein	2.28	56	375	1.092	ug/l	#	40
16) Acetone	2.42	43	14359	12.746	ug/l		99
18) Methyl Acetate	2.75	43	3481	1.184	ug/l		93
20) Methylene Chloride	2.84	84	18440	6.455	ug/l		94
25) 2-Butanone	4.65	43	2495	1.329	ug/l	#	83
29) Tetrahydrofuran	5.10	42	1402	1.130	ug/l	#	44
31) Cyclohexane	5.62	56	4886	1.202	ug/l	#	6
36) 1,1-Dichloropropene	5.63	75	17520	4.527	ug/l	#	51
38) Carbon Tetrachloride	5.63	117	23082	5.415	ug/l	#	18
43) Isopropyl Acetate	6.42	43	74039	11.348	ug/l		100
44) Trichloroethene	7.18	130	53	Below Cal			61
48) Methyl methacrylate	7.85	41	126032	40.659	ug/l	#	44
49) 1,4-Dioxane	7.71	88	33	0.470	ug/l	#	24
51) 4-Methyl-2-Pentanone	8.59	43	71686	18.432	ug/l	#	52
54) cis-1,3-Dichloropropene	8.60	75	32528	6.693	ug/l	#	63
56) Ethyl methacrylate	9.29	69	1848	0.448	ug/l	#	1
57) 1,3-Dichloropropane	9.52	76	6602	1.345	ug/l	#	42
59) 2-Hexanone	9.42	43	72337	25.467	ug/l	#	23
74) N-amyl acetate	10.86	43	1496	0.233	ug/l	#	53
76) 1,2,3-Trichloropropane	11.12	75	108508	24.060	ug/l	#	37
80) 1,3,5-Trimethylbenzene	11.49	105	4345	0.349	ug/l		97
81) trans-1,4-Dichloro-2-buten	11.12	75	108508	62.307	ug/l	#	13
88) 1,4-Dichlorobenzene	12.01	146	471	Below Cal			97
94) Hexachlorobutadiene	13.76	225	76	0.885	ug/l	#	17

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

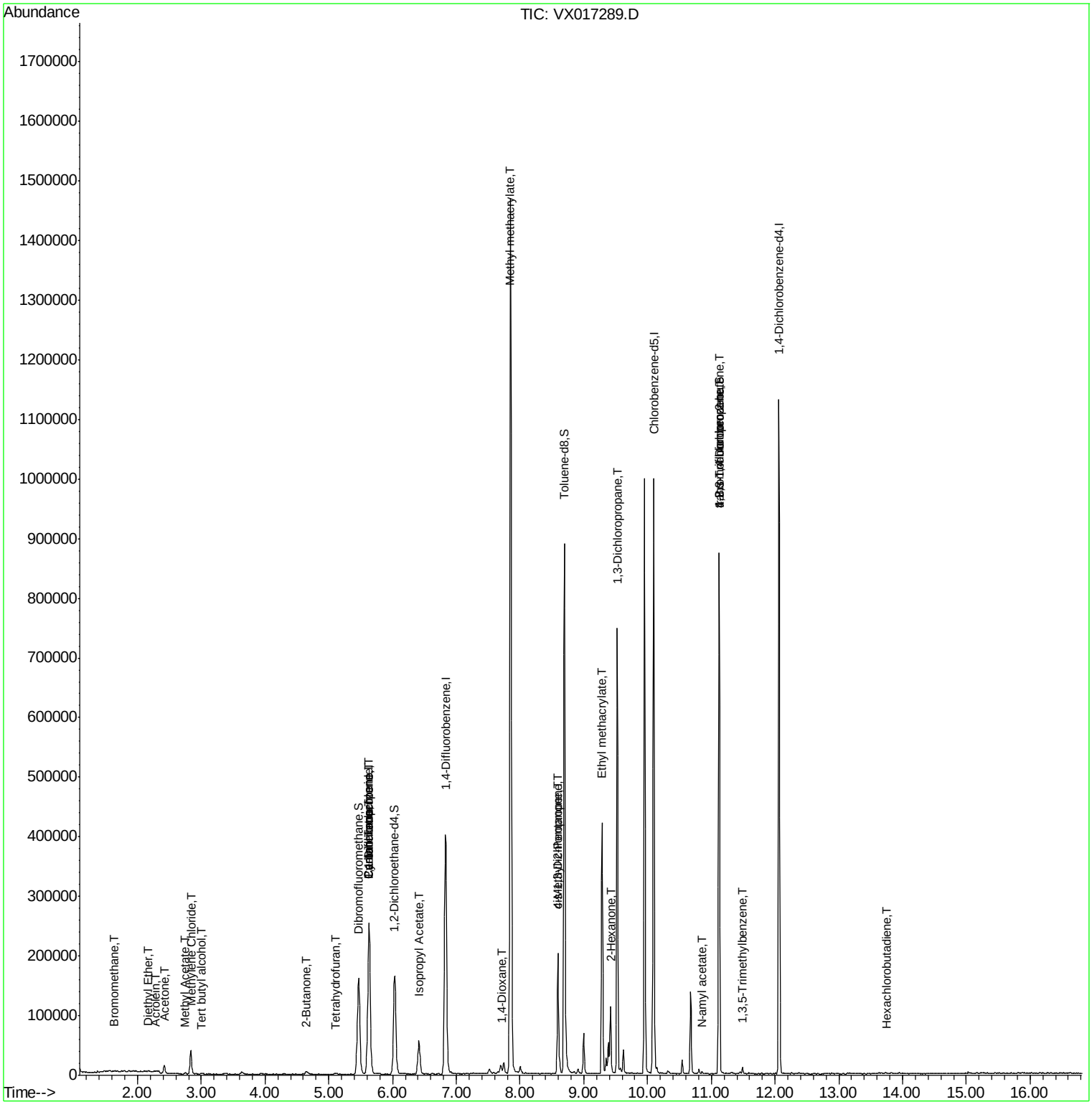
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070820\

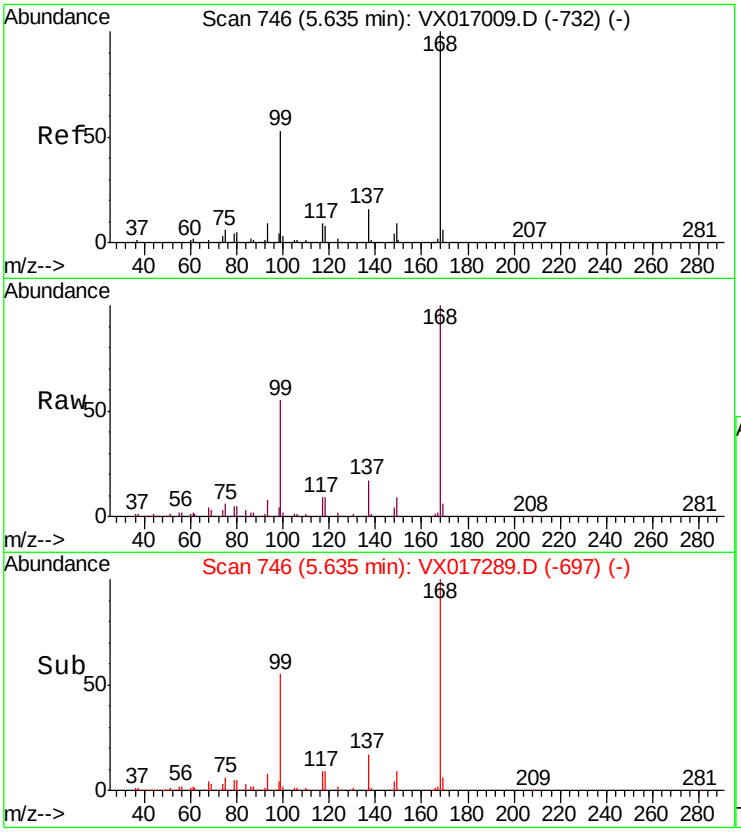
Quantitation Report (Not Reviewed)

Data File : VX017289.D
Acq On : 09 Jul 2020 04:20
Operator : JC/SP
Sample : PB130015ZHE#04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#04

Quant Time: Jul 09 05:08:41 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



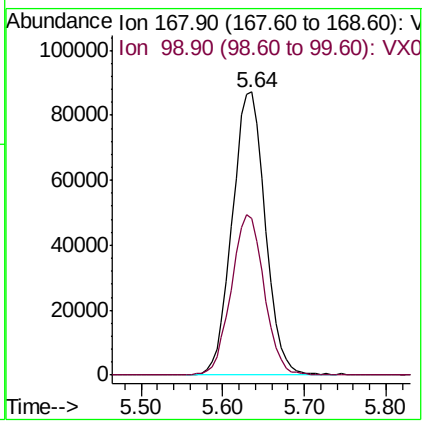


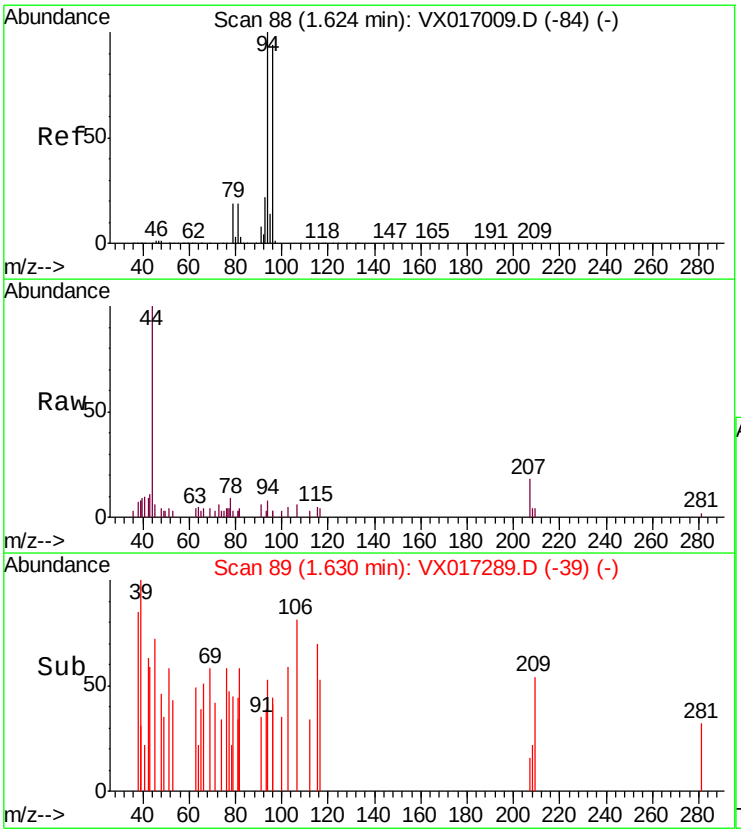
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.00 min
Lab File: VX017289.D
Acq: 09 Jul 2020 04:20

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#04

Tgt Ion:168 Resp: 244280

Ion	Ratio	Lower	Upper
168	100		
99	55.2	42.6	64.0

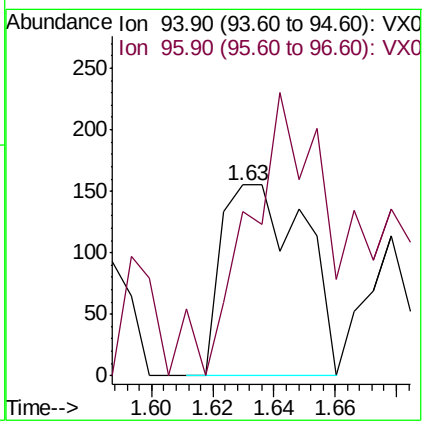


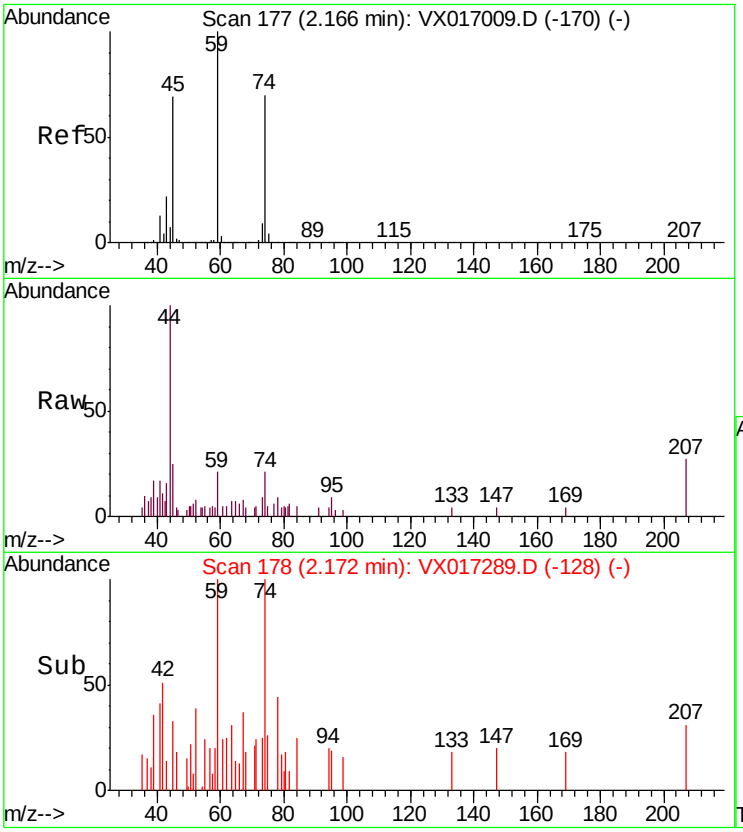


#5
Bromomethane
Concen: 0.207 ug/l
RT: 1.63 min Scan# 89
Delta R.T. 0.01 min
Lab File: VX017289.D
Acq: 09 Jul 2020 04:20

Tgt Ion: 94 Resp: 290

Ion	Ratio	Lower	Upper
94	100		
96	51.6	75.0	112.4#



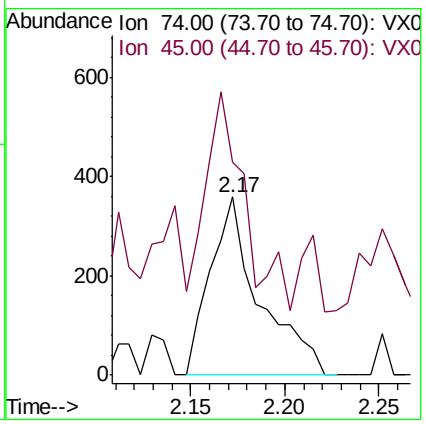


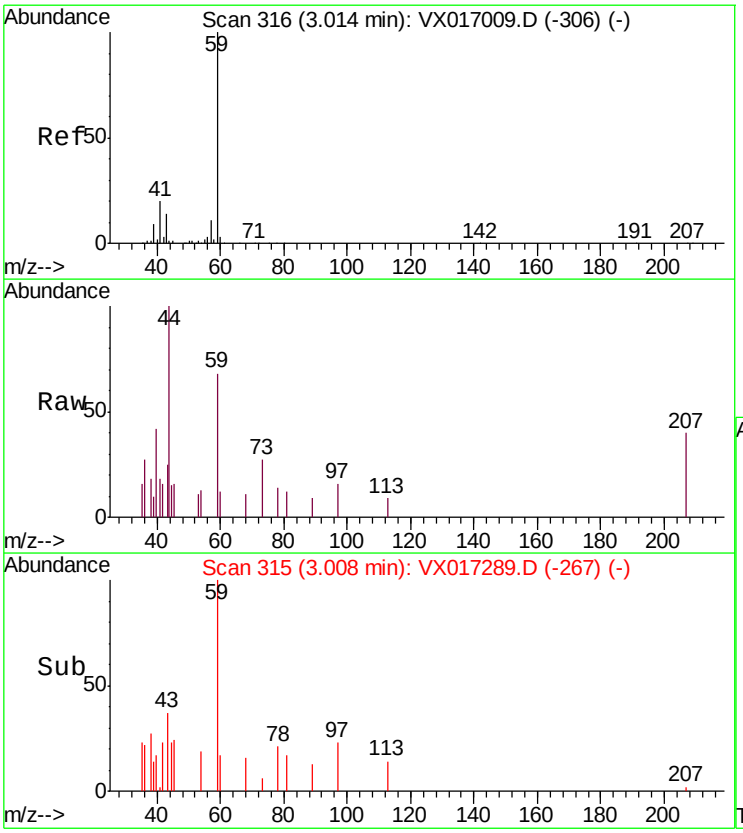
#8
Diethyl Ether
Concen: 0.853 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017289.D
Acq: 09 Jul 2020 04:20

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#04

Tgt Ion: 74 Resp: 649

Ion	Ratio	Lower	Upper
74	100		
45	94.1	49.8	149.3

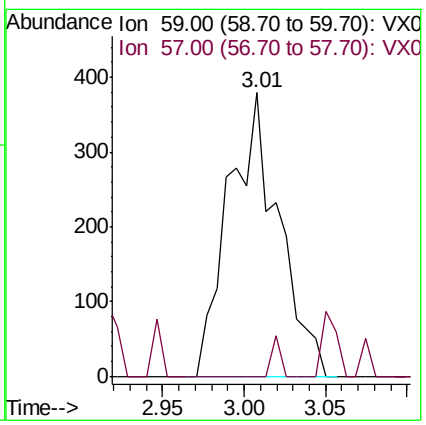


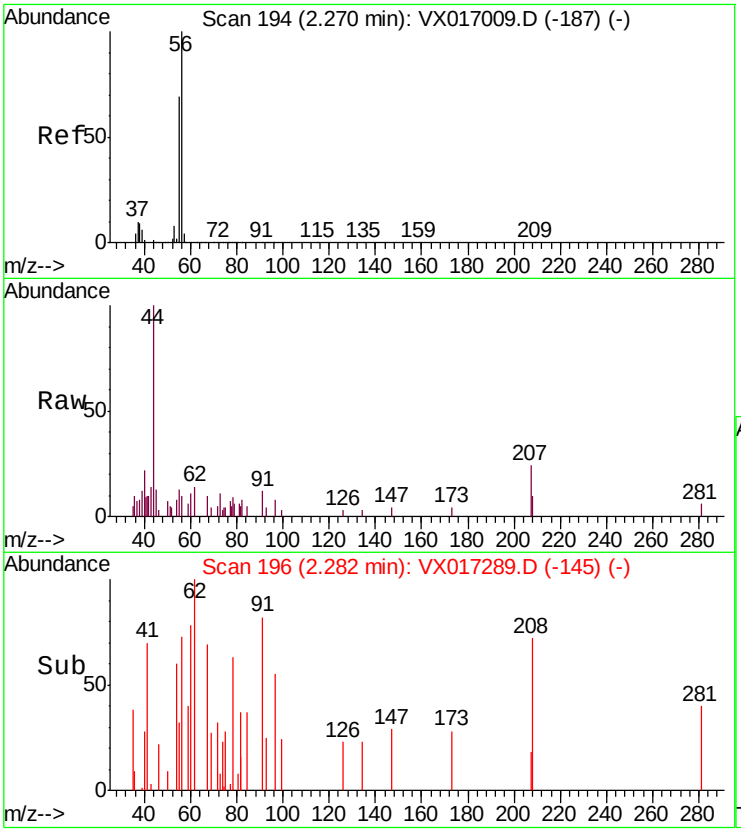


#11
Tert butyl alcohol
Concen: 1.405 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017289.D
Acq: 09 Jul 2020 04:20

Tgt Ion: 59 Resp: 807

Ion	Ratio	Lower	Upper
59	100		
57	2.5	8.2	12.2#



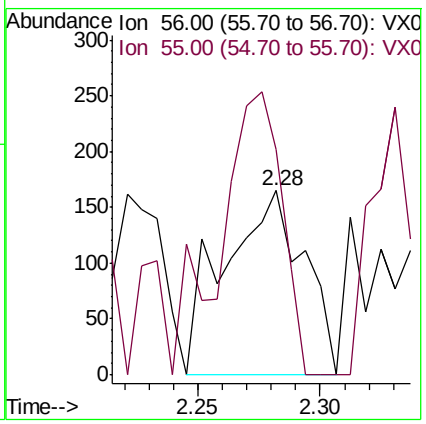


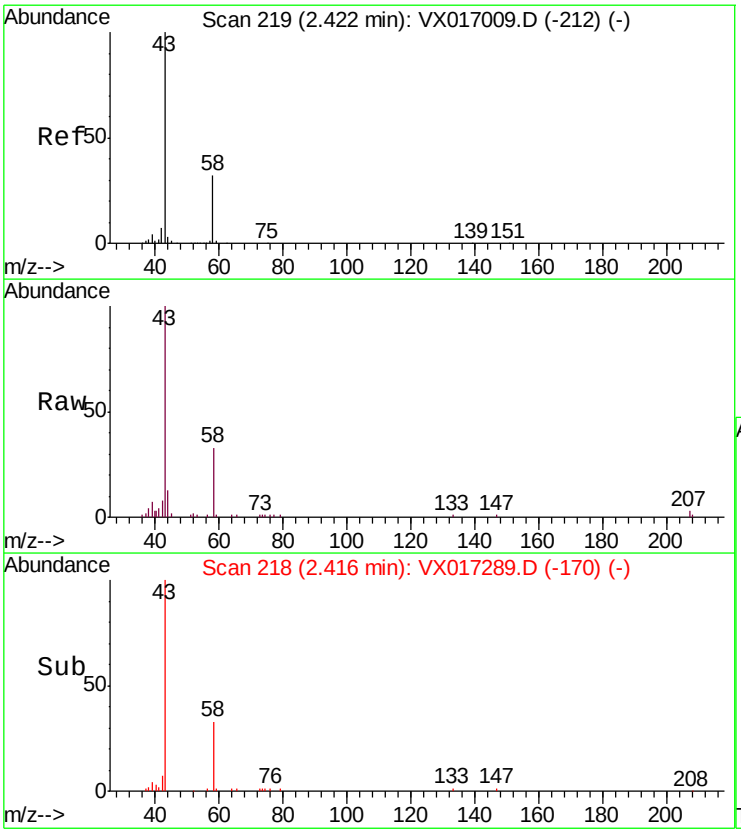
#13
Acrolein
Concen: 1.092 ug/l
RT: 2.28 min Scan# 196
Delta R.T. 0.01 min
Lab File: VX017289.D
Acq: 09 Jul 2020 04:20

Instrument : MSVOA_X
ClientSampleId : PB130015ZHE#04

Tgt Ion: 56 Resp: 375

Ion	Ratio	Lower	Upper
56	100		
55	118.4	55.7	83.5#

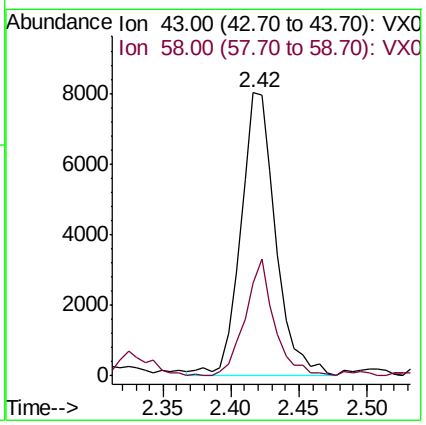


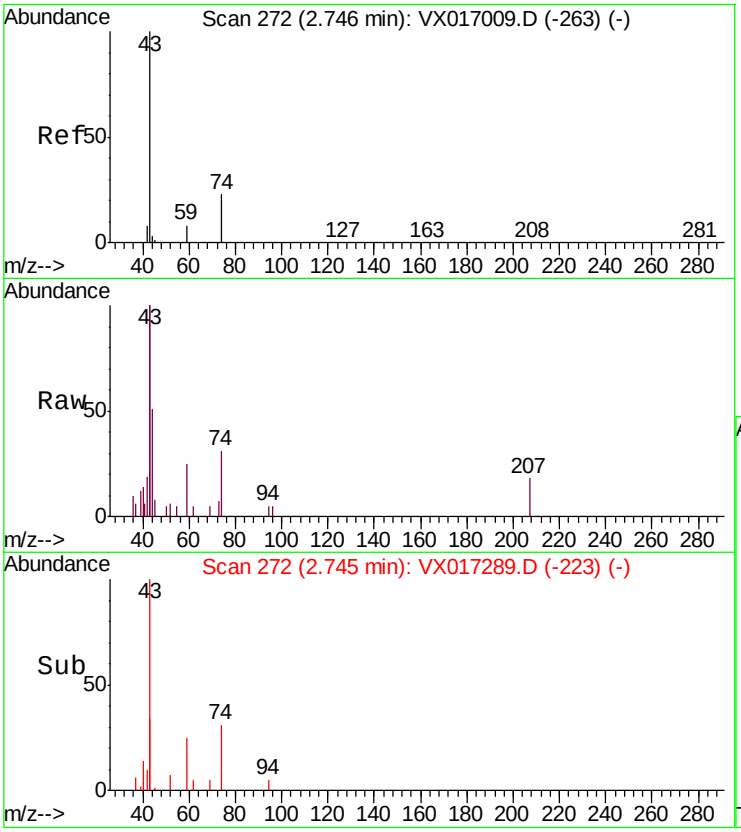


#16
Acetone
Concen: 12.746 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX017289.D
Acq: 09 Jul 2020 04:20

Tgt Ion: 43 Resp: 14359

Ion	Ratio	Lower	Upper
43	100		
58	32.6	25.7	38.5



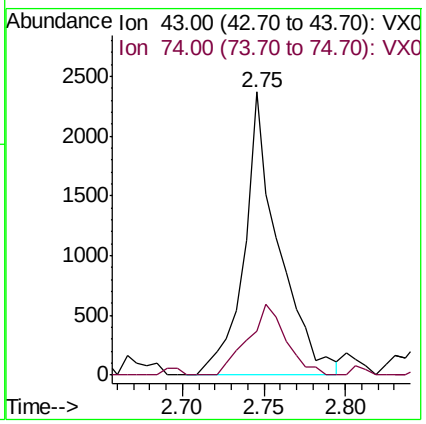


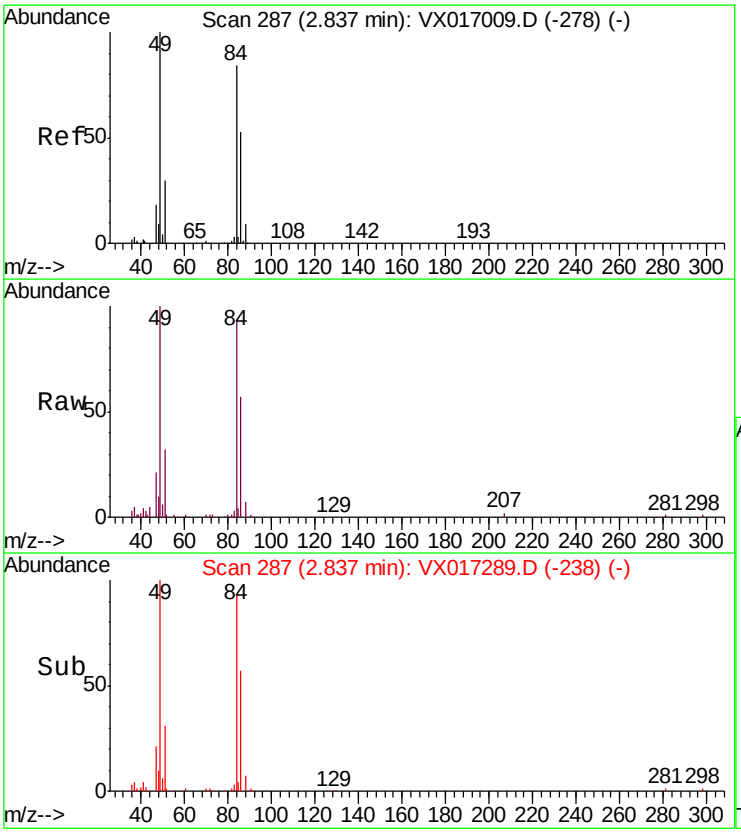
#18
Methyl Acetate
Concen: 1.184 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX017289.D
Acq: 09 Jul 2020 04:20

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#04

Tgt Ion: 43 Resp: 3481

Ion	Ratio	Lower	Upper
43	100		
74	27.7	19.3	28.9

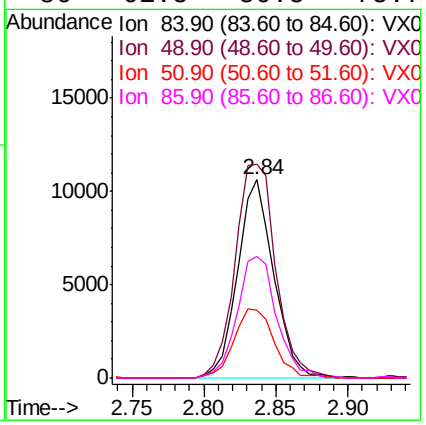


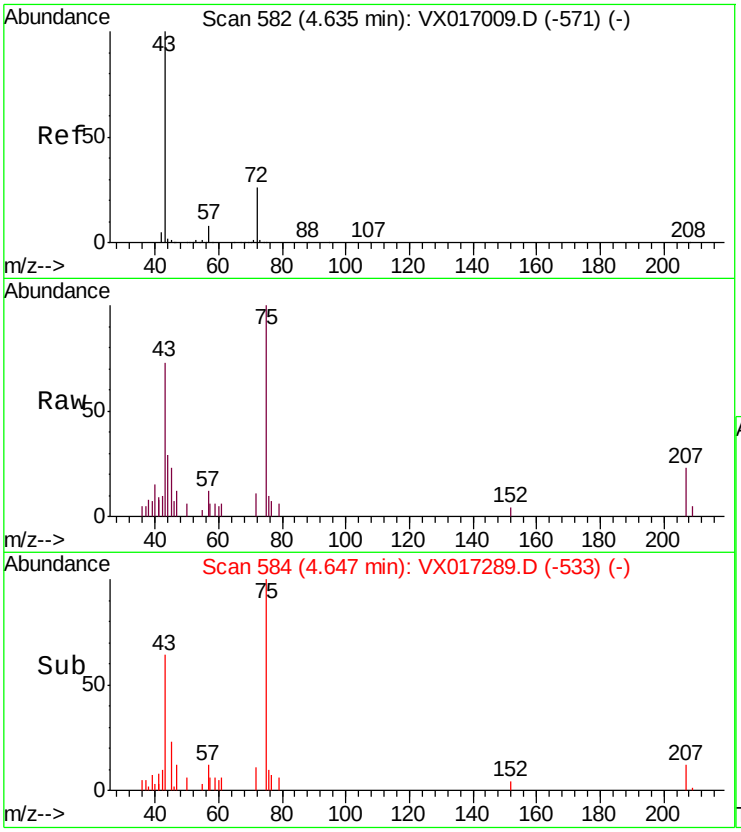


#20
Methylene Chloride
Concen: 6.455 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017289.D
Acq: 09 Jul 2020 04:20

Tgt Ion: 84 Resp: 18440

Ion	Ratio	Lower	Upper
84	100		
49	107.9	94.7	142.1
51	34.6	28.6	42.8
86	61.5	50.5	75.7



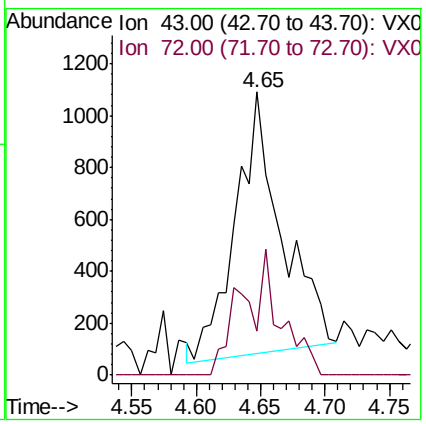


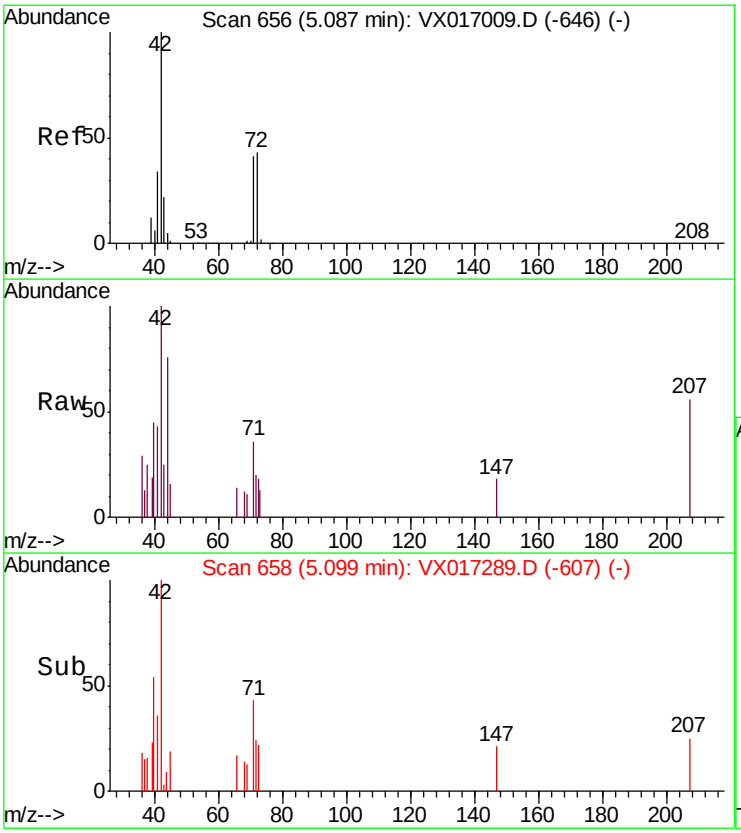
#25
2-Butanone
Concen: 1.329 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX017289.D
Acq: 09 Jul 2020 04:20

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#04

Tgt Ion: 43 Resp: 2495

Ion	Ratio	Lower	Upper
43	100		
72	17.4	20.8	31.2#

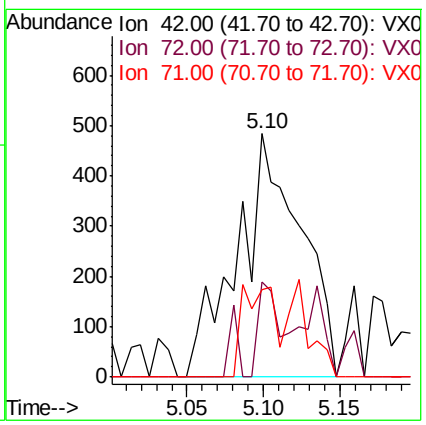


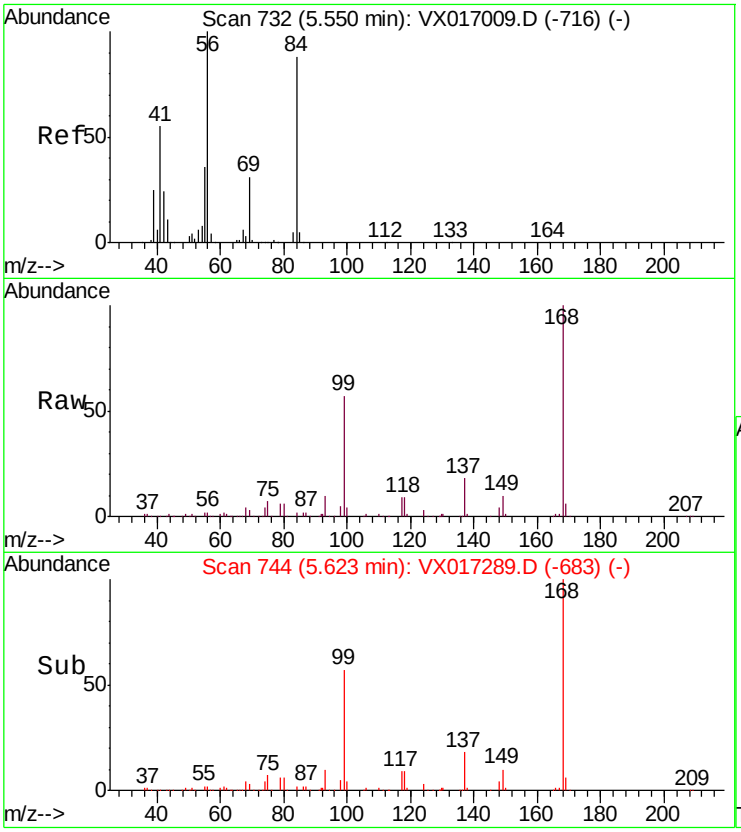


#29
Tetrahydrofuran
Concen: 1.130 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX017289.D
Acq: 09 Jul 2020 04:20

Tgt Ion: 42 Resp: 1402

Ion	Ratio	Lower	Upper
42	100		
72	13.7	35.3	52.9#
71	0.0	33.1	49.7#



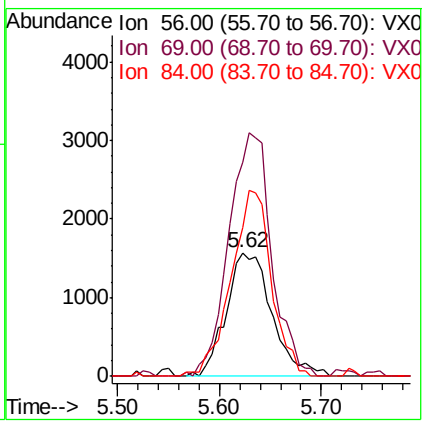


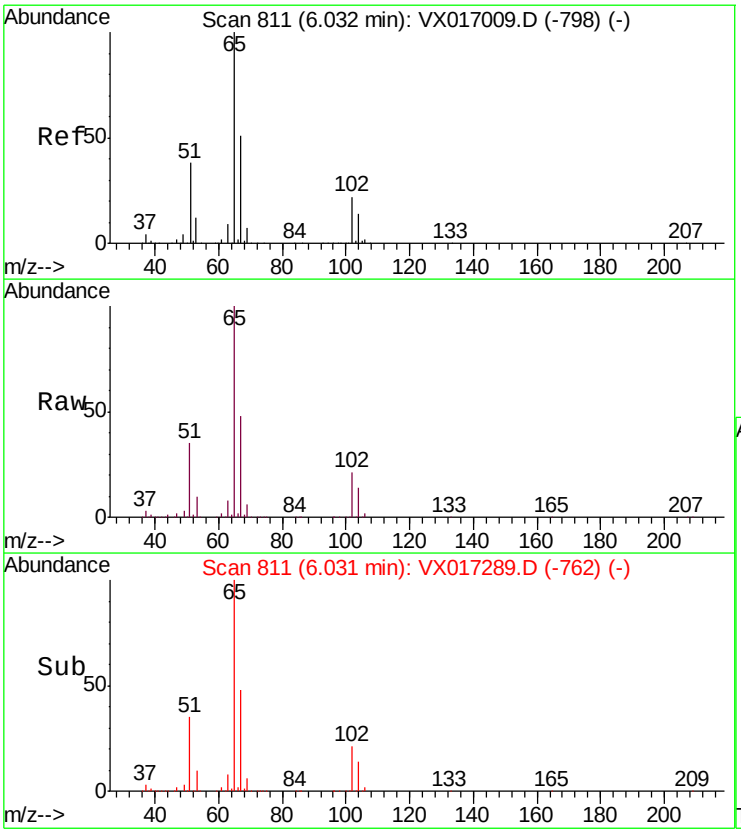
#31
Cyclohexane
Concen: 1.202 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.07 min
Lab File: VX017289.D
Acq: 09 Jul 2020 04:20

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#04

Tgt Ion: 56 Resp: 4886

Ion	Ratio	Lower	Upper
56	100		
69	170.2	25.0	37.4#
84	120.0	69.1	103.7#

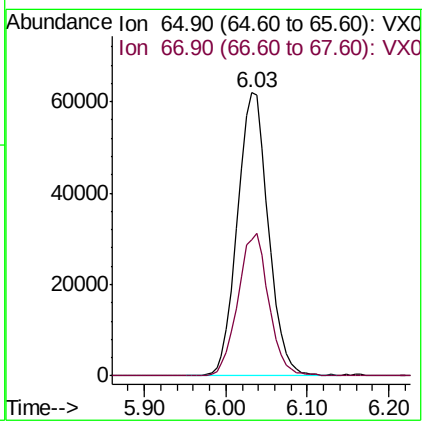


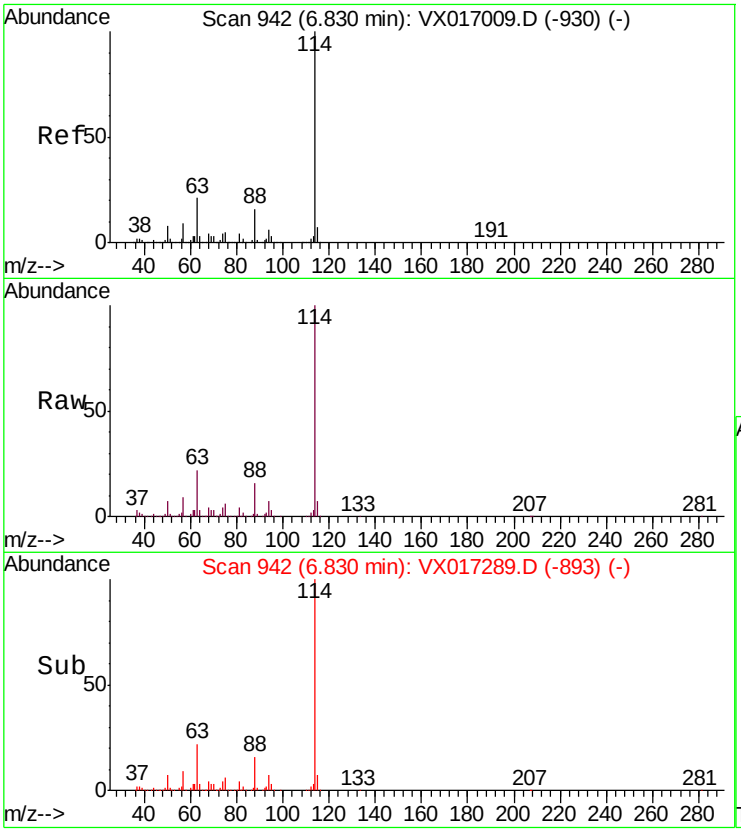


#33
1,2-Dichloroethane-d4
Concen: 54.212 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX017289.D
Acq: 09 Jul 2020 04:20

Tgt Ion: 65 Resp: 163259

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	103.8



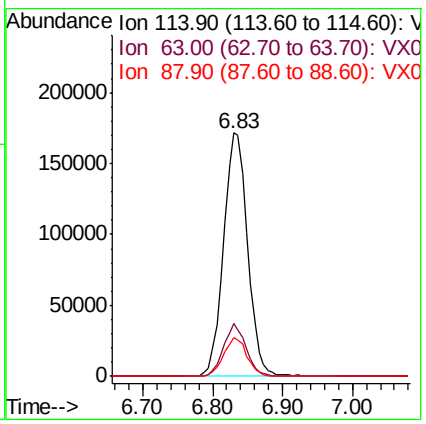


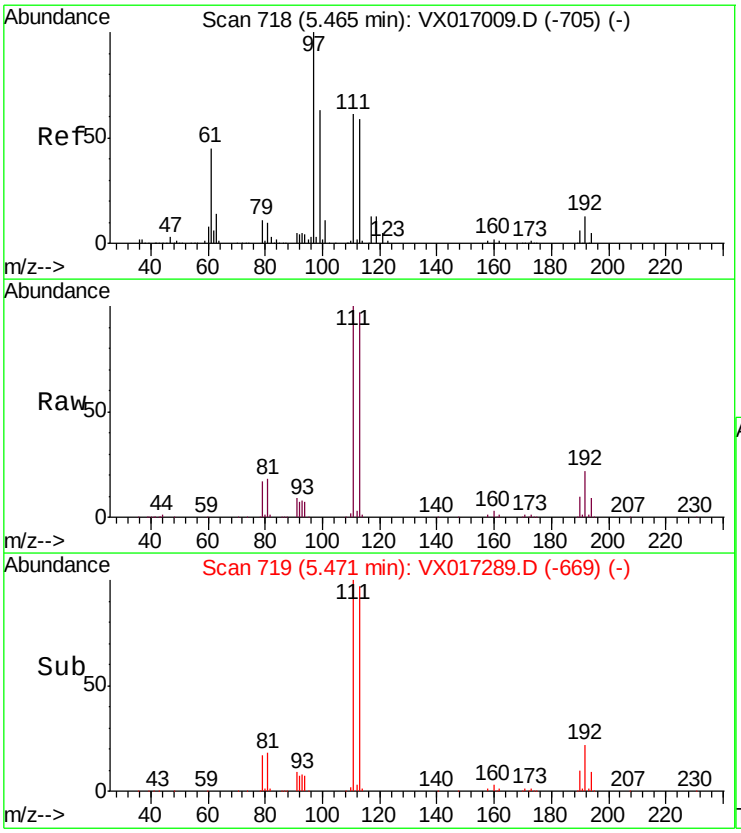
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX017289.D
Acq: 09 Jul 2020 04:20

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#04

Tgt Ion:114 Resp: 409450

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	41.4
88	16.0	0.0	32.4

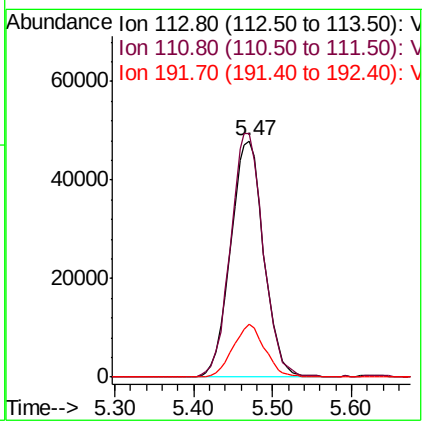


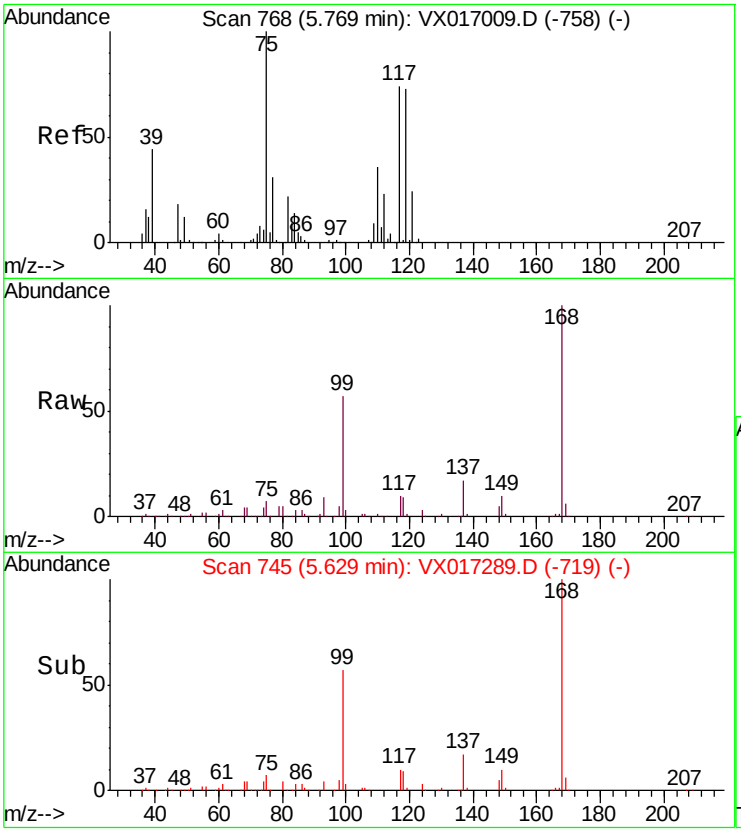


#35
Dibromofluoromethane
Concen: 54.075 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX017289.D
Acq: 09 Jul 2020 04:20

Tgt Ion:113 Resp: 140058

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.9	122.9
192	21.4	16.7	25.1



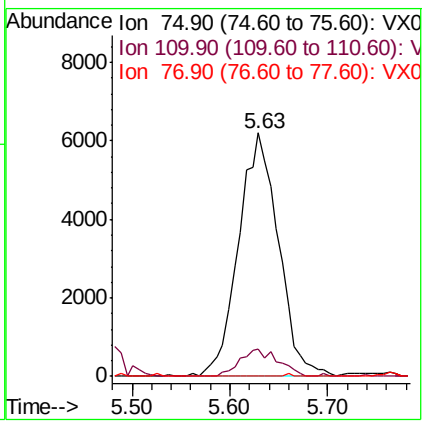


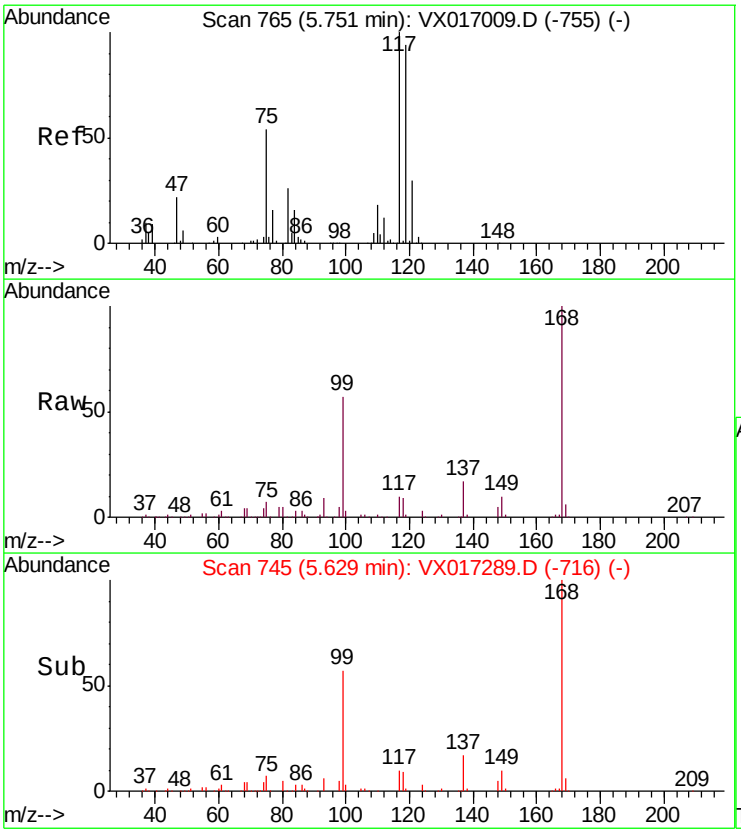
#36
1,1-Dichloropropene
Concen: 4.527 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX017289.D
Acq: 09 Jul 2020 04:20

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#04

Tgt Ion: 75 Resp: 17520

Ion	Ratio	Lower	Upper
75	100		
110	10.7	18.1	54.1#
77	0.0	24.6	37.0#

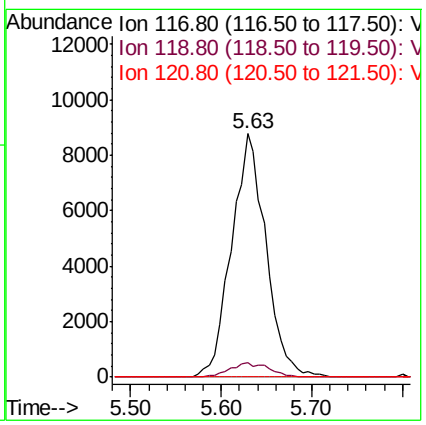


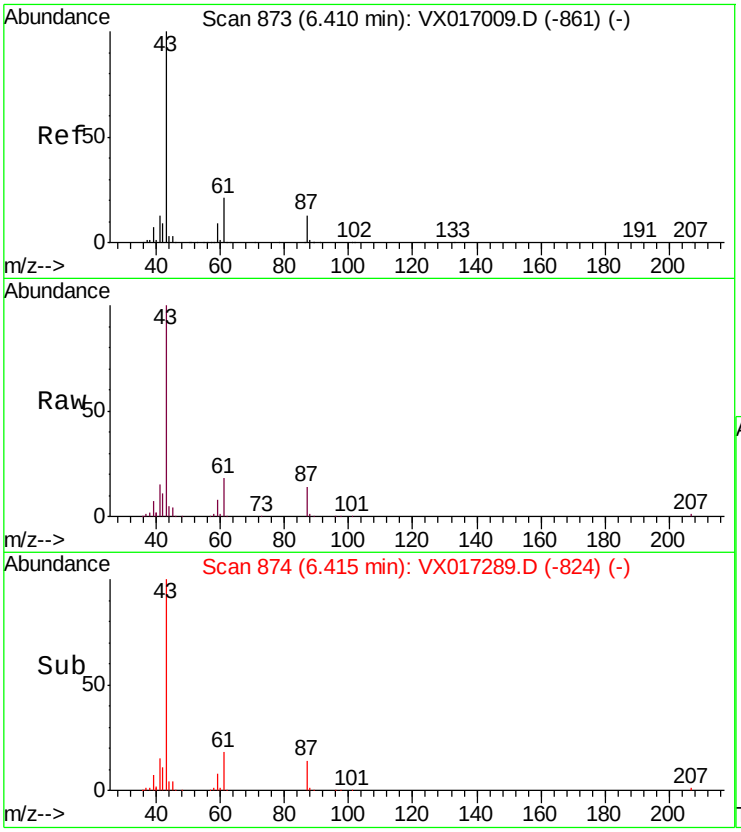


#38
Carbon Tetrachloride
Concen: 5.415 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX017289.D
Acq: 09 Jul 2020 04:20

Tgt Ion:117 Resp: 23082

Ion	Ratio	Lower	Upper
117	100		
119	6.2	75.4	113.0#
121	0.0	23.8	35.6#



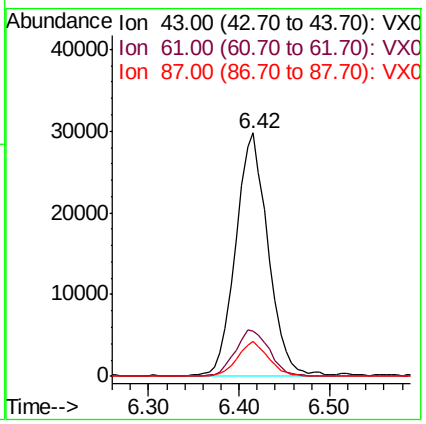


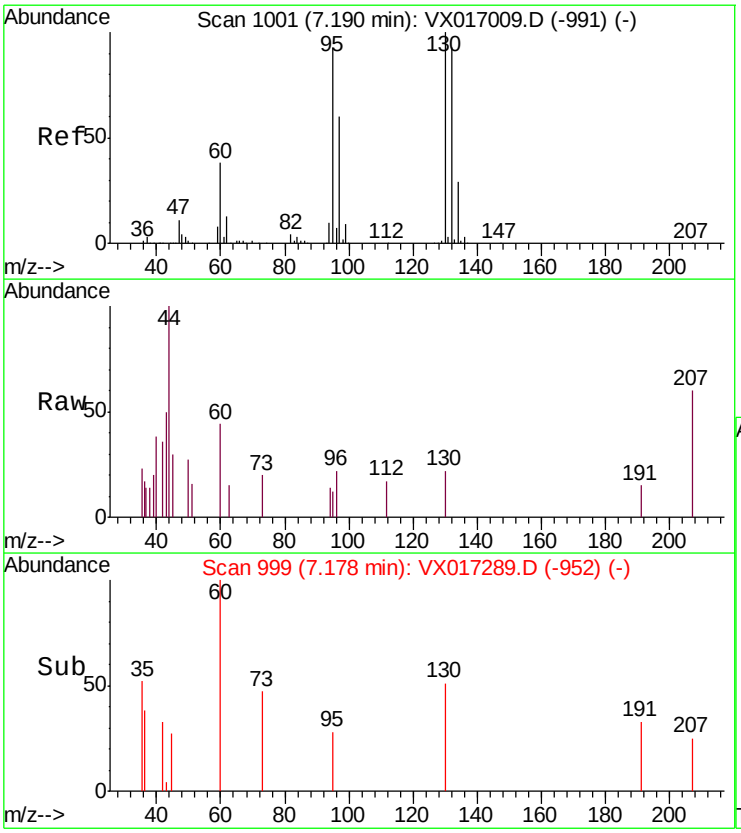
#43
Isopropyl Acetate
Concen: 11.348 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.01 min
Lab File: VX017289.D
Acq: 09 Jul 2020 04:20

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#04

Tgt Ion: 43 Resp: 74039

Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.2	24.2
87	13.8	10.7	16.1

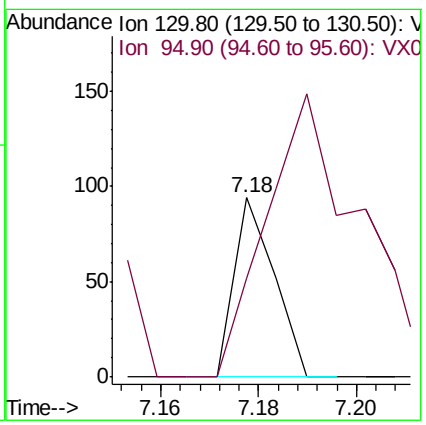


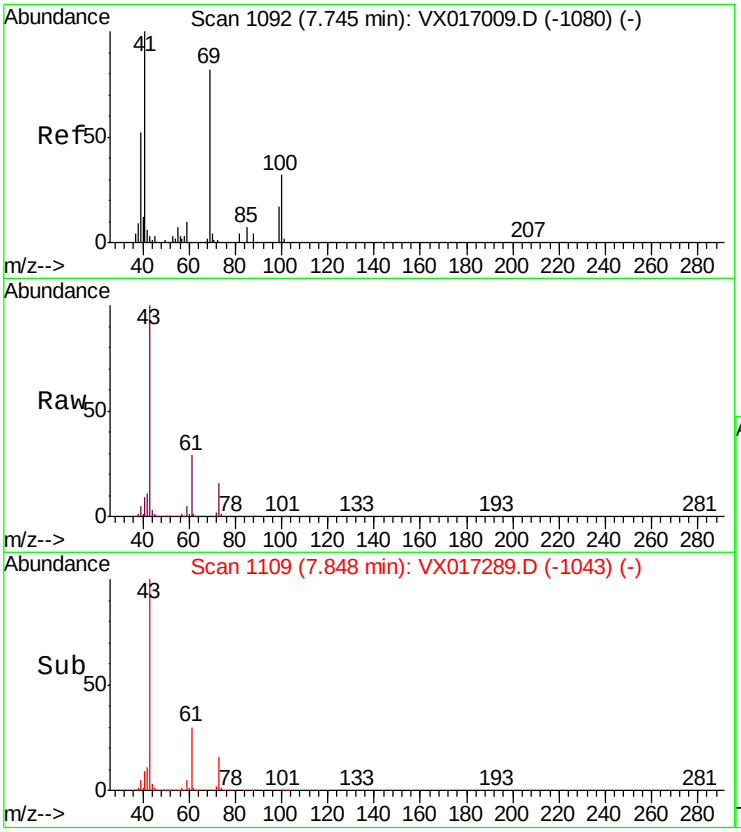


#44
Trichloroethene
Concen: Below Cal
RT: 7.18 min Scan# 999
Delta R.T. -0.01 min
Lab File: VX017289.D
Acq: 09 Jul 2020 04:20

Tgt Ion:130 Resp: 53

Ion	Ratio	Lower	Upper
130	100		
95	55.3	0.0	185.0



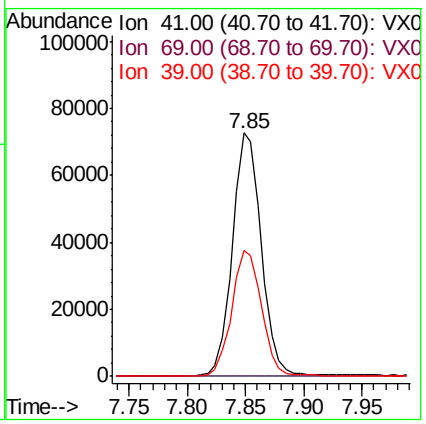


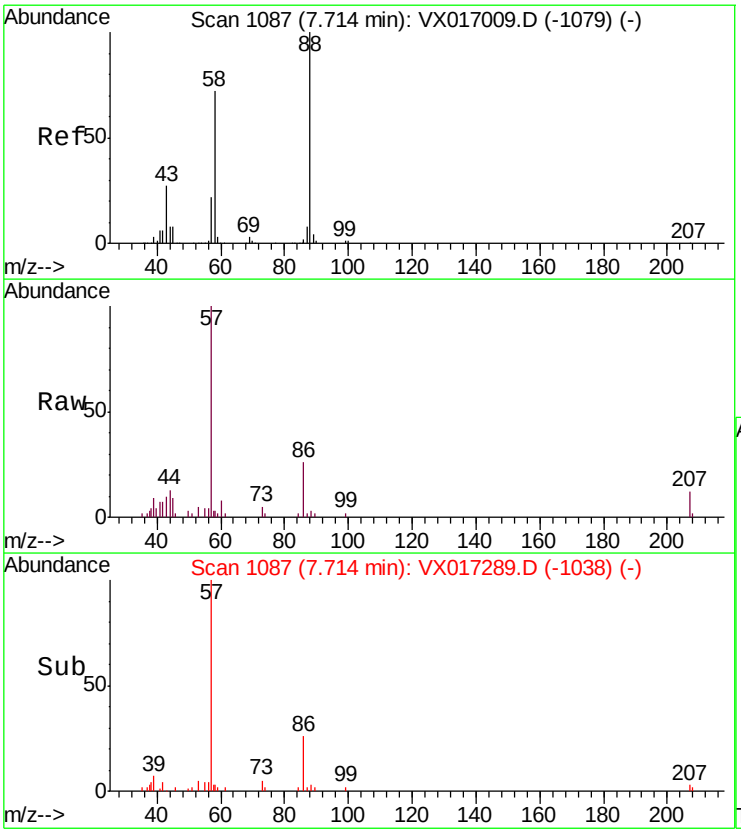
#48
Methyl methacrylate
Concen: 40.659 ug/l
RT: 7.85 min Scan# 1109
Delta R.T. 0.10 min
Lab File: VX017289.D
Acq: 09 Jul 2020 04:20

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#04

Tgt Ion: 41 Resp: 126032

Ion	Ratio	Lower	Upper
41	100		
69	0.3	65.8	98.8#
39	52.9	42.5	63.7

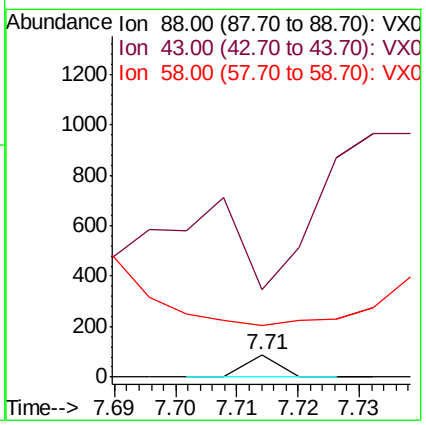


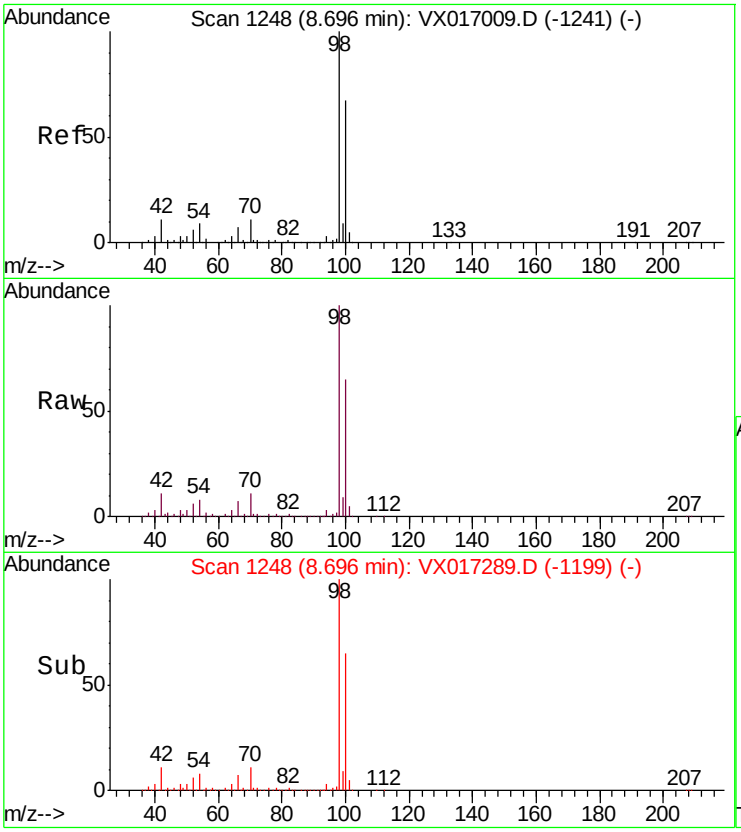


#49
1,4-Dioxane
Concen: 0.470 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017289.D
Acq: 09 Jul 2020 04:20

Tgt Ion: 88 Resp: 33

Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.8	38.8#
58	0.0	54.8	82.2#



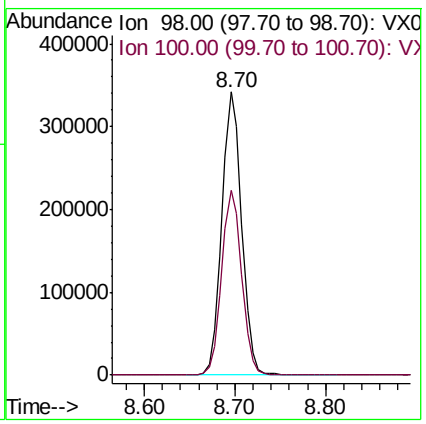


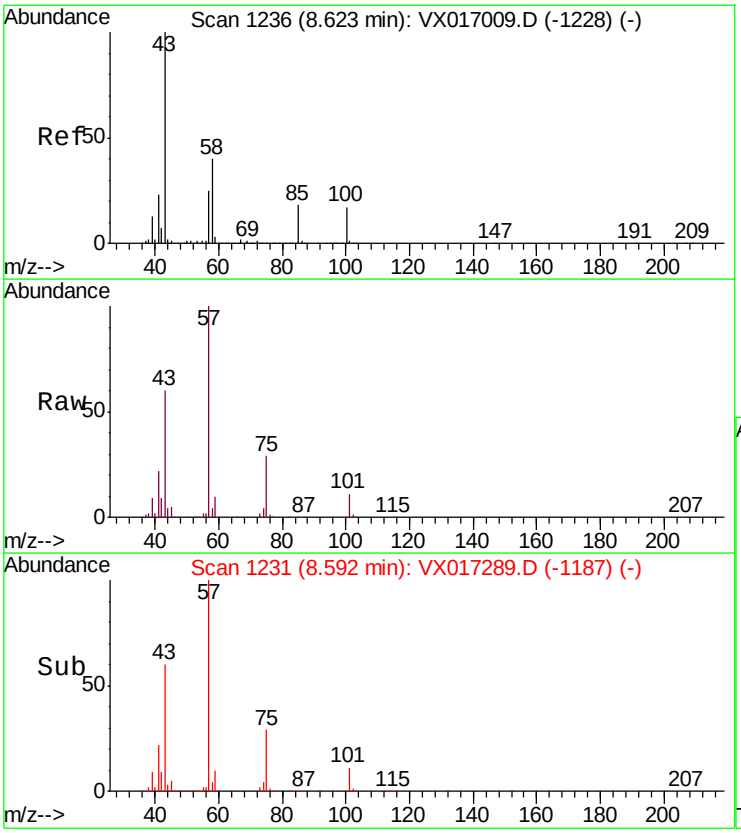
#50
Toluene-d8
Concen: 54.326 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017289.D
Acq: 09 Jul 2020 04:20

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#04

Tgt Ion: 98 Resp: 520306

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.8	80.6

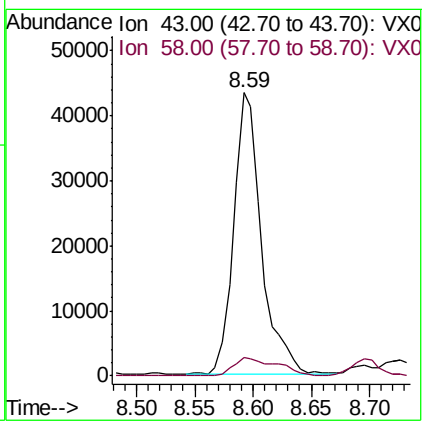


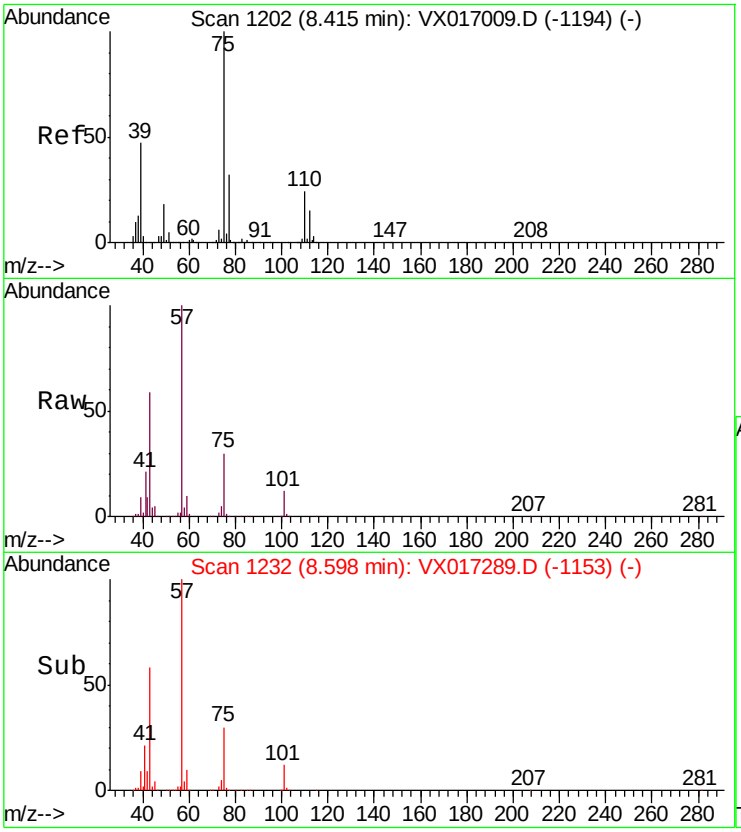


#51
4-Methyl-2-Pentanone
Concen: 18.432 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.03 min
Lab File: VX017289.D
Acq: 09 Jul 2020 04:20

Tgt Ion: 43 Resp: 71686

Ion	Ratio	Lower	Upper
43	100		
58	10.3	31.9	47.9#



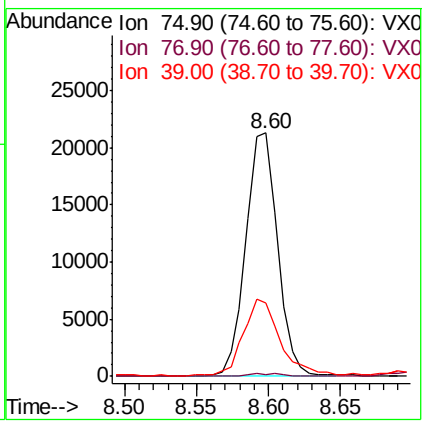


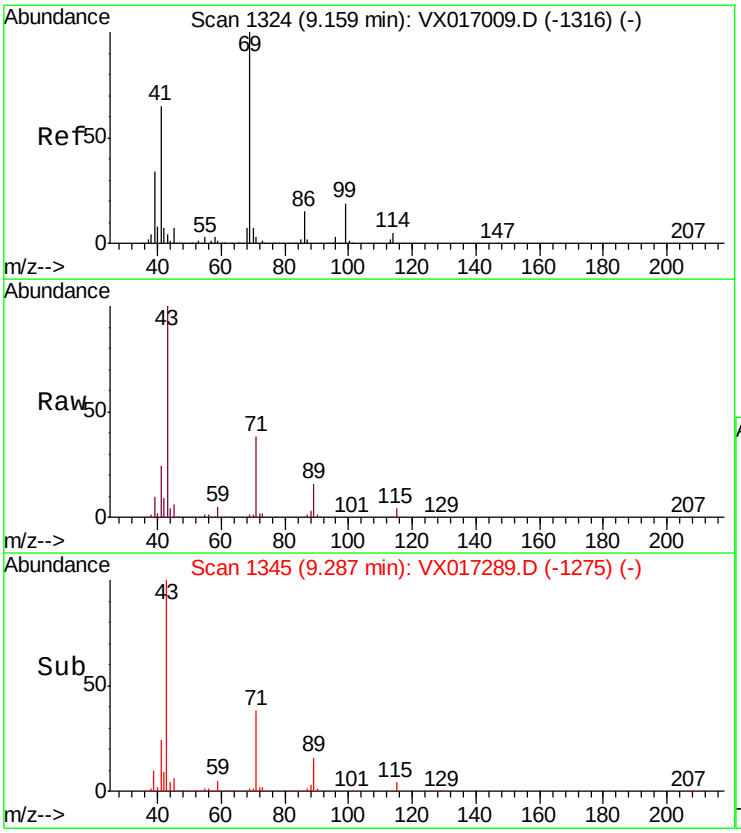
#54
cis-1,3-Dichloropropene
Concen: 6.693 ug/l
RT: 8.60 min Scan# 1232
Delta R.T. 0.18 min
Lab File: VX017289.D
Acq: 09 Jul 2020 04:20

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#04

Tgt Ion: 75 Resp: 32528

Ion	Ratio	Lower	Upper
75	100		
77	0.8	25.2	37.8#
39	30.0	37.4	56.2#

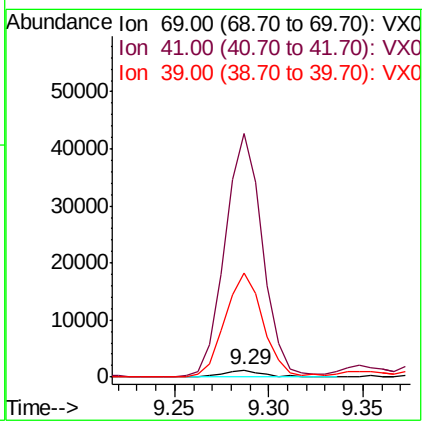


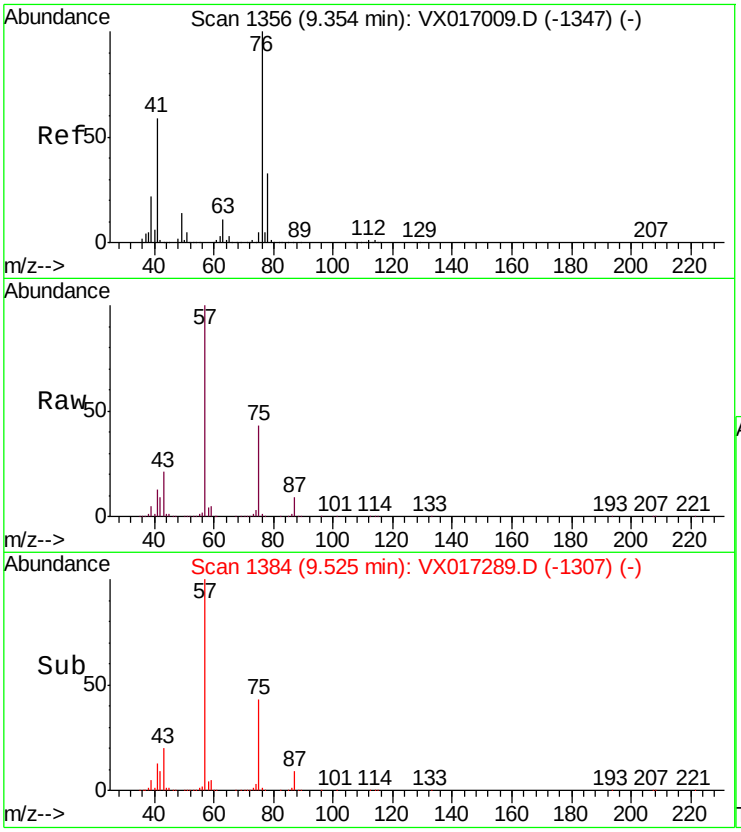


#56
Ethyl methacrylate
Concen: 0.448 ug/l
RT: 9.29 min Scan# 1345
Delta R.T. 0.13 min
Lab File: VX017289.D
Acq: 09 Jul 2020 04:20

Tgt Ion: 69 Resp: 1848

Ion	Ratio	Lower	Upper
69	100		
41	3178.4	53.6	80.4#
39	1382.2	28.2	42.2#



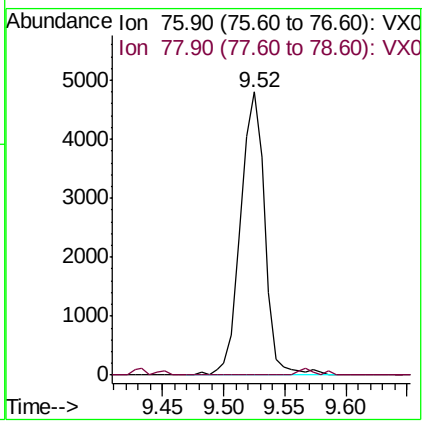


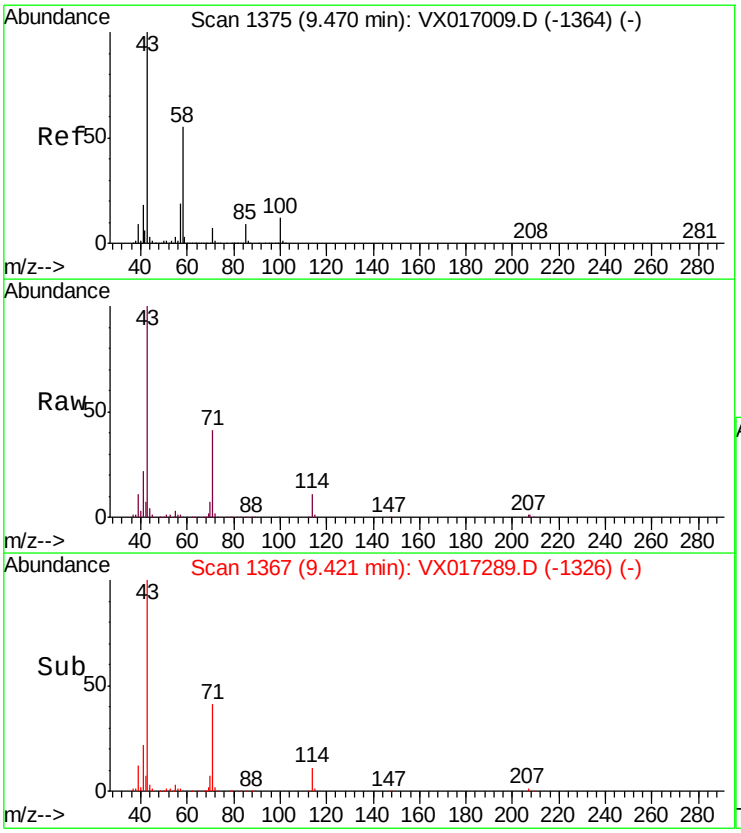
#57
1,3-Dichloropropane
Concen: 1.345 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.17 min
Lab File: VX017289.D
Acq: 09 Jul 2020 04:20

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#04

Tgt Ion: 76 Resp: 6602

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.9	38.9#

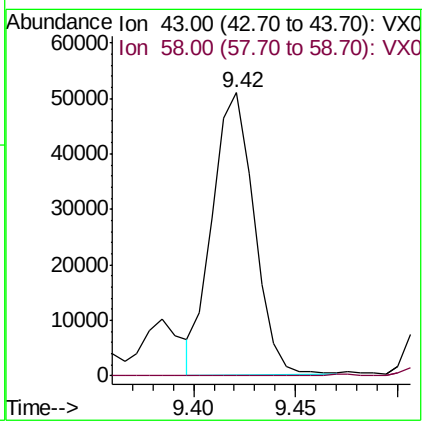


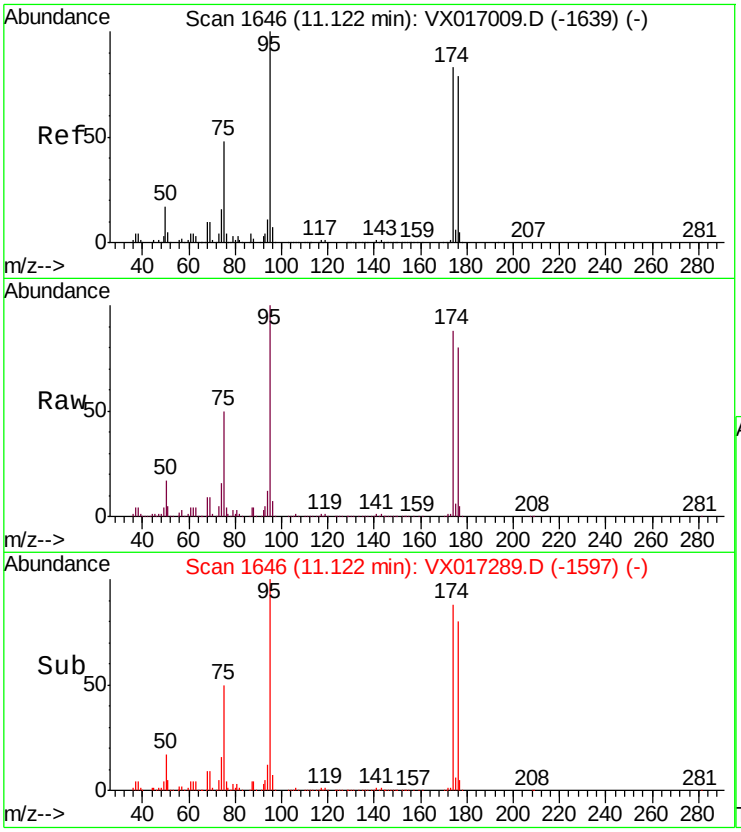


#59
2-Hexanone
Concen: 25.467 ug/l
RT: 9.42 min Scan# 1367
Delta R.T. -0.05 min
Lab File: VX017289.D
Acq: 09 Jul 2020 04:20

Tgt Ion: 43 Resp: 72337

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.9	83.6#



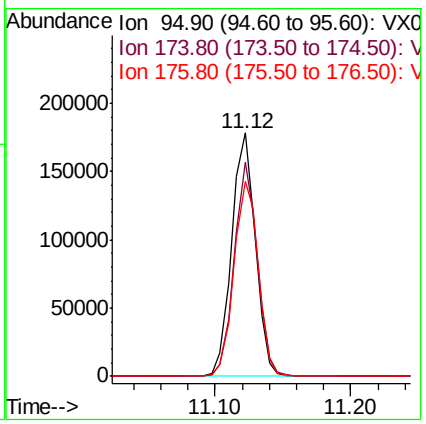


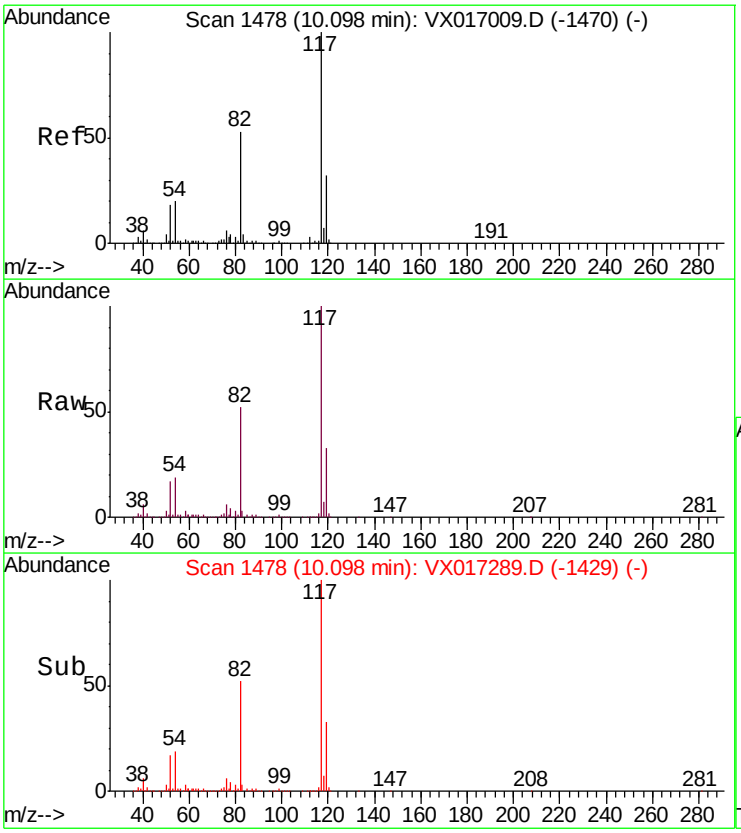
#62
4-Bromofluorobenzene
Concen: 57.755 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017289.D
Acq: 09 Jul 2020 04:20

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#04

Tgt Ion: 95 Resp: 216231

Ion	Ratio	Lower	Upper
95	100		
174	85.9	0.0	164.0
176	82.0	0.0	157.6

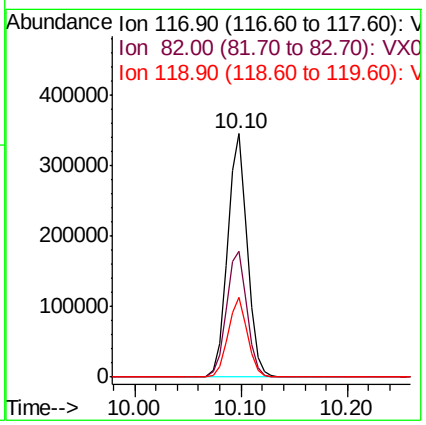


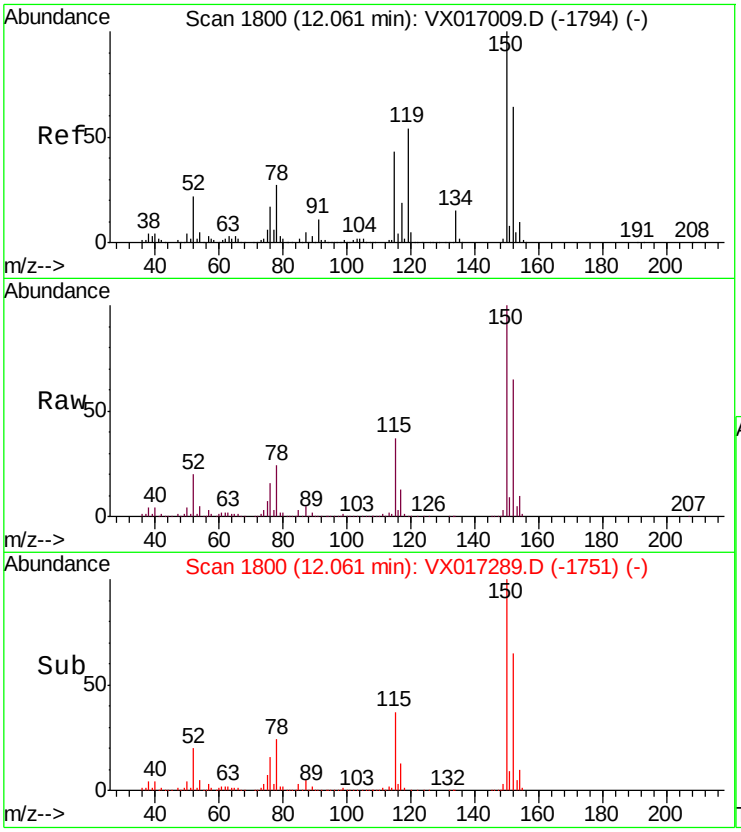


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017289.D
Acq: 09 Jul 2020 04:20

Tgt Ion:117 Resp: 445541

Ion	Ratio	Lower	Upper
117	100		
82	51.7	42.6	63.8
119	32.6	25.4	38.2



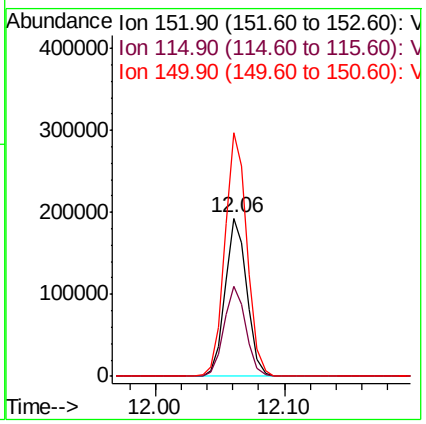


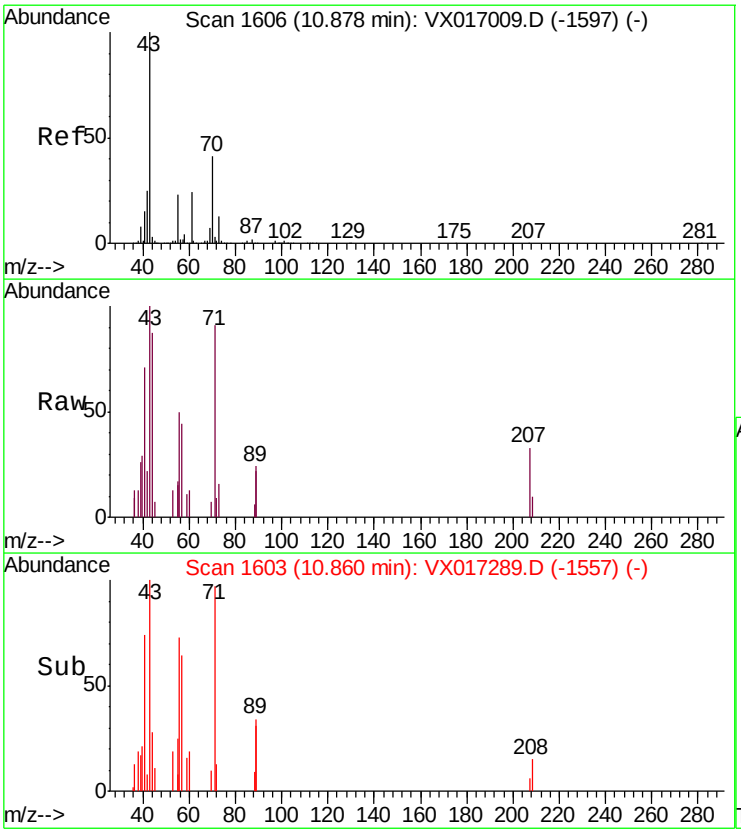
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017289.D
Acq: 09 Jul 2020 04:20

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#04

Tgt Ion:152 Resp: 229343

Ion	Ratio	Lower	Upper
152	100		
115	57.2	40.9	122.7
150	156.0	0.0	351.6

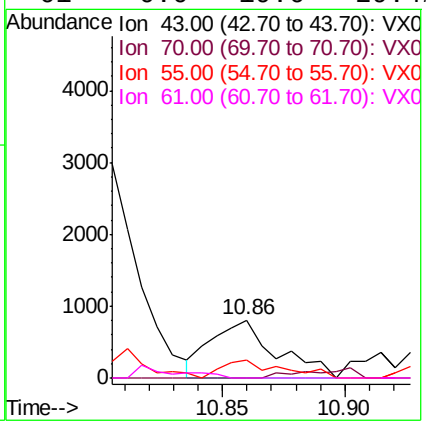


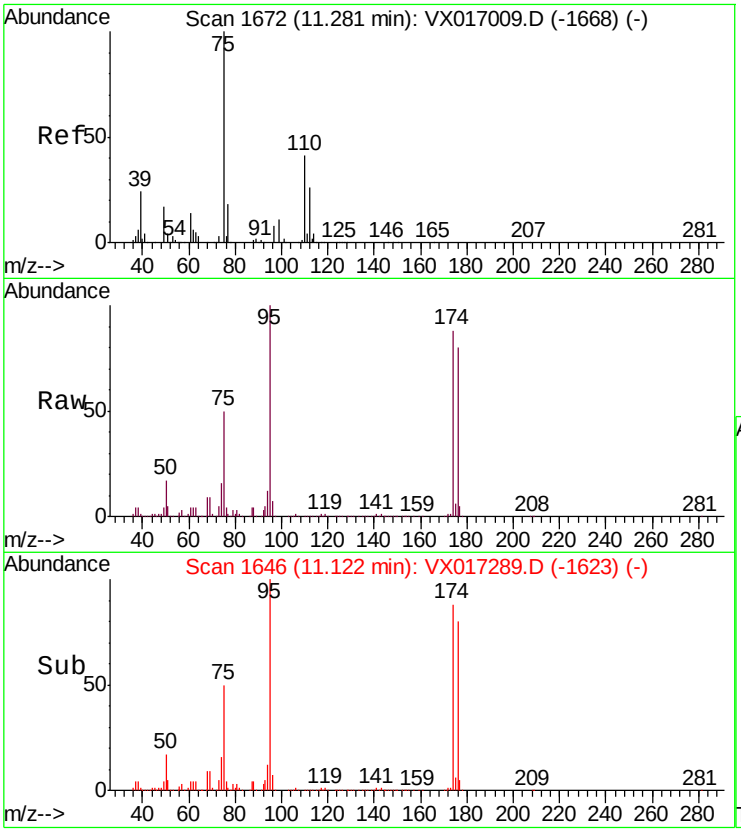


#74
N-amyl acetate
Concen: 0.233 ug/l
RT: 10.86 min Scan# 1603
Delta R.T. -0.02 min
Lab File: VX017289.D
Acq: 09 Jul 2020 04:20

Tgt Ion: 43 Resp: 1496

Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.2	51.2#
55	29.1	19.2	28.8#
61	0.0	19.6	29.4#



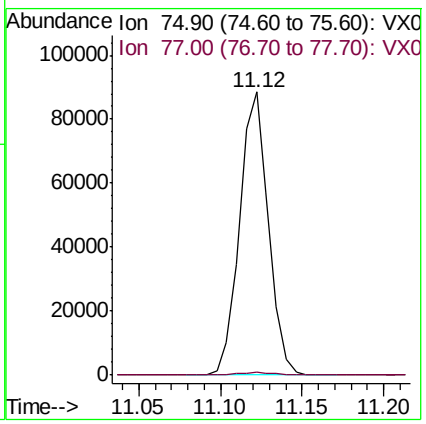


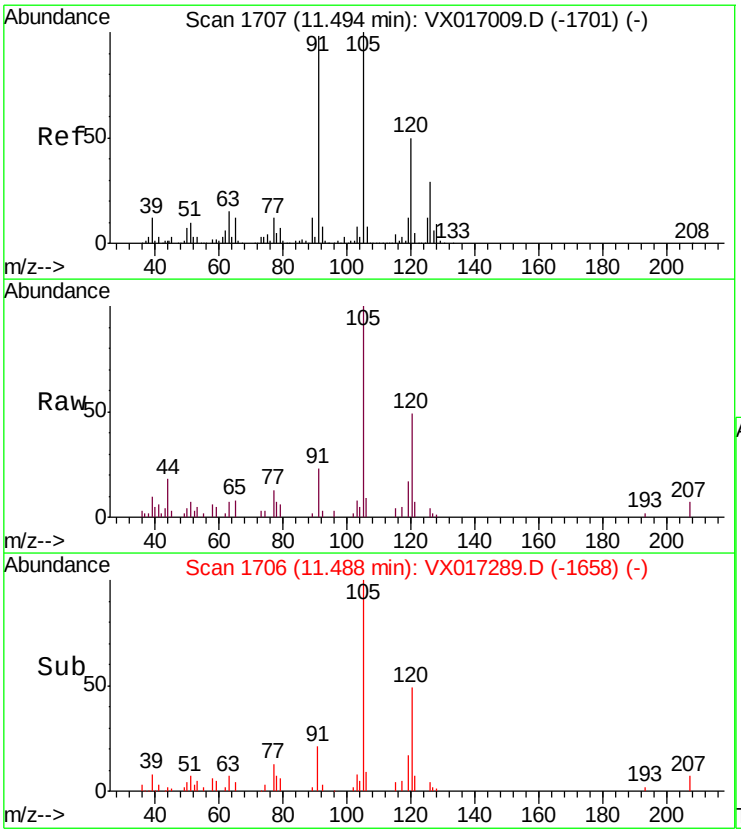
#76
1,2,3-Trichloropropane
Concen: 24.060 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX017289.D
Acq: 09 Jul 2020 04:20

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#04

Tgt Ion: 75 Resp: 108508

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.2	60.6#

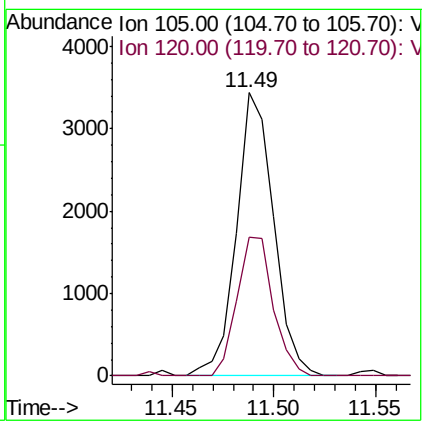


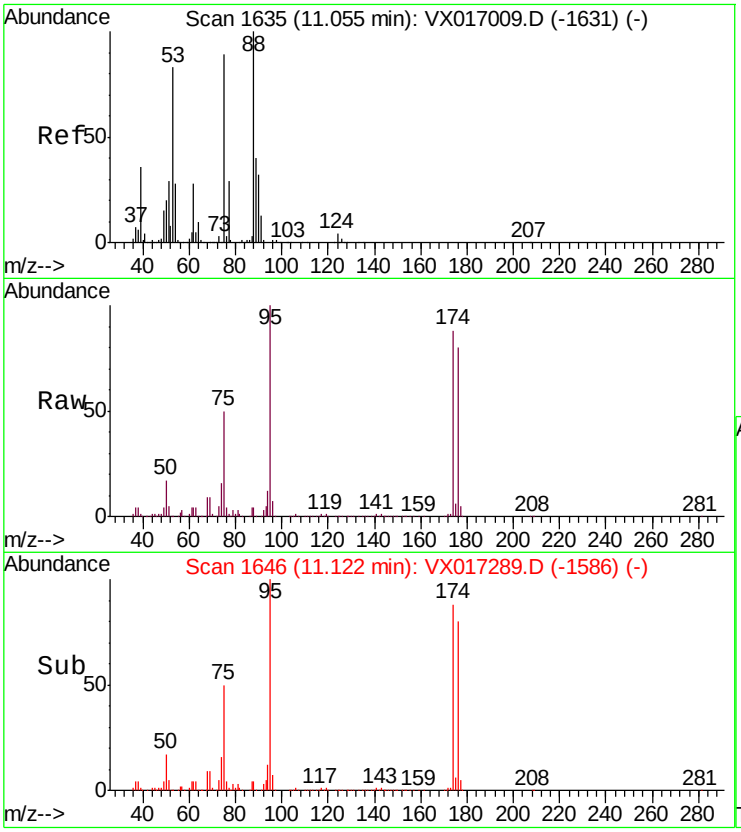


#80
1,3,5-Trimethylbenzene
Concen: 0.349 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX017289.D
Acq: 09 Jul 2020 04:20

Tgt Ion:105 Resp: 4345

Ion	Ratio	Lower	Upper
105	100		
120	47.5	24.9	74.6



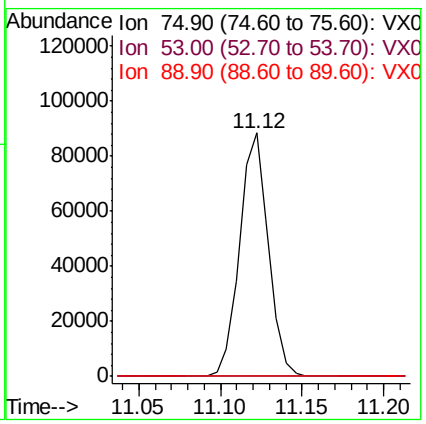


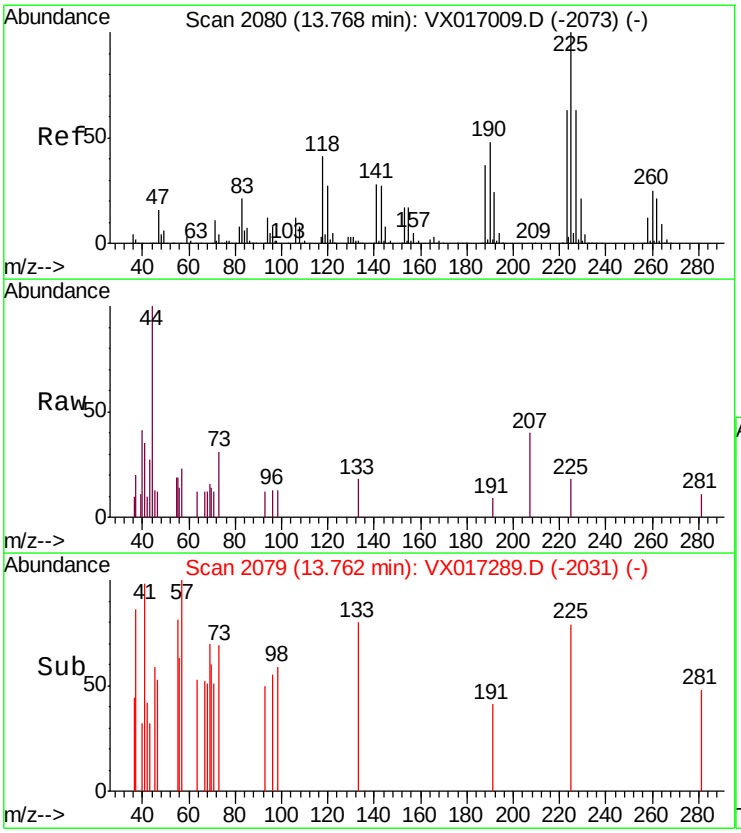
#81
trans-1,4-Dichloro-2-butene
Concen: 62.307 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX017289.D
Acq: 09 Jul 2020 04:20

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#04

Tgt Ion: 75 Resp: 108508

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





#94
Hexachlorobutadiene
Concen: 0.885 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX017289.D
Acq: 09 Jul 2020 04:20

Tgt Ion:225 Resp: 76

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