Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071620\
Data File : VX017396.D
Acq On : 16 Jul 2020 17:14
Operator : JC/SP
Sample : PB130232ZHE#02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB130232ZHE#02

Quant Time: Jul 17 01:01:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.63	168	265371	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.83	114	462025	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.10	117	511509	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	254179	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	181618	54.53	ug/l		0.00
Spiked Amount 50.000			Recovery = 109.06%				
35) Dibromofluoromethane	5.47	113	158236	50.84	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.68%				
50) Toluene-d8	8.70	98	604139	53.81	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.62%				
62) 4-Bromofluorobenzene	11.12	95	240531	53.94	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.88%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	645	0.255	ug/l		91
5) Bromomethane	1.64	94	454	0.279	ug/l	#	44
8) Diethyl Ether	2.17	74	860	0.576	ug/l		86
10) Methyl Iodide	2.51	142	119	2.410	ug/l	#	17
11) Tert butyl alcohol	3.01	59	1197	2.133	ug/l		95
13) Acrolein	2.29	56	556	1.807	ug/l	#	70
16) Acetone	2.42	43	31270	26.317	ug/l		95
18) Methyl Acetate	2.75	43	3541	1.207	ug/l	#	80
20) Methylene Chloride	2.84	84	25402	8.762	ug/l		90
25) 2-Butanone	4.66	43	4465	2.366	ug/l	#	78
29) Tetrahydrofuran	5.10	42	980	0.802	ug/l	#	81
36) 1,1-Dichloropropene	5.64	75	19624	4.618	ug/l	#	50
38) Carbon Tetrachloride	5.63	117	26240	5.274	ug/l	#	20
43) Isopropyl Acetate	6.41	43	91281	12.998	ug/l		100
48) Methyl methacrylate	7.65	41	4952	1.469	ug/l	#	14
49) 1,4-Dioxane	7.70	88	22	0.319	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.59	43	90023	21.023	ug/l	#	54
54) cis-1,3-Dichloropropene	8.59	75	40451	7.471	ug/l	#	63
57) 1,3-Dichloropropane	9.52	76	7708	1.418	ug/l	#	45
59) 2-Hexanone	9.42	43	91542	28.324	ug/l	#	23
74) N-amyl acetate	10.81	43	4434	0.695	ug/l	#	50
76) 1,2,3-Trichloropropane	11.12	75	118034	25.131	ug/l	#	37
80) 1,3,5-Trimethylbenzene	11.49	105	8525	0.630	ug/l		93
81) trans-1,4-Dichloro-2-buten	11.12	75	118034	63.751	ug/l	#	11
92) 1,2-Dibromo-3-Chloropropan	12.96	75	289	0.226	ug/l	#	1

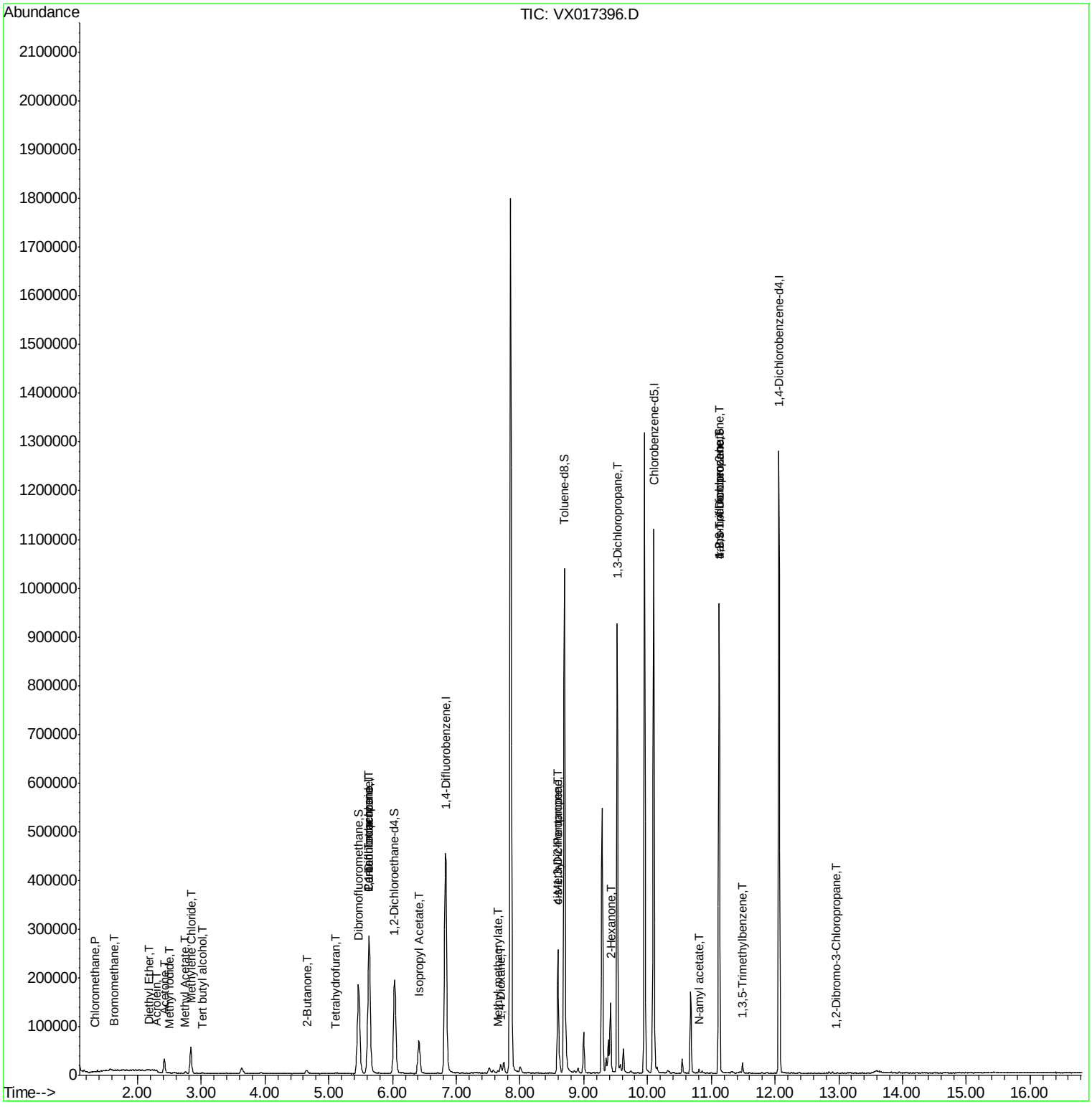
(#) = qualifier out of range (m) = manual integration (+) = signals summed

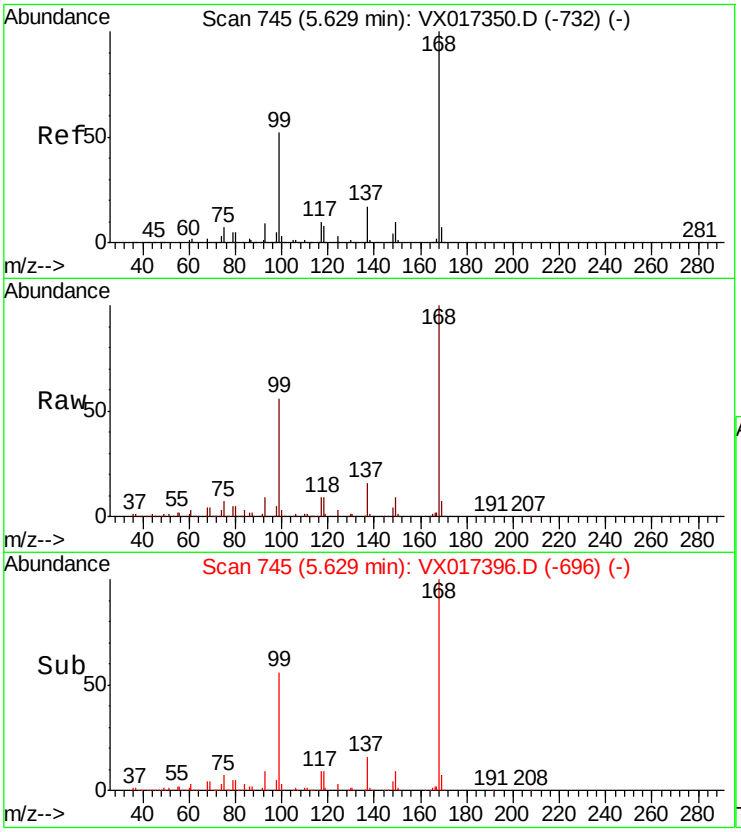
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071620\
Data File : VX017396.D
Acq On : 16 Jul 2020 17:14
Operator : JC/SP
Sample : PB130232ZHE#02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB130232ZHE#02

Quant Time: Jul 17 01:01:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration



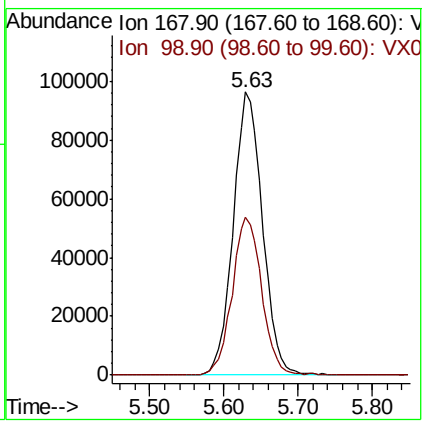


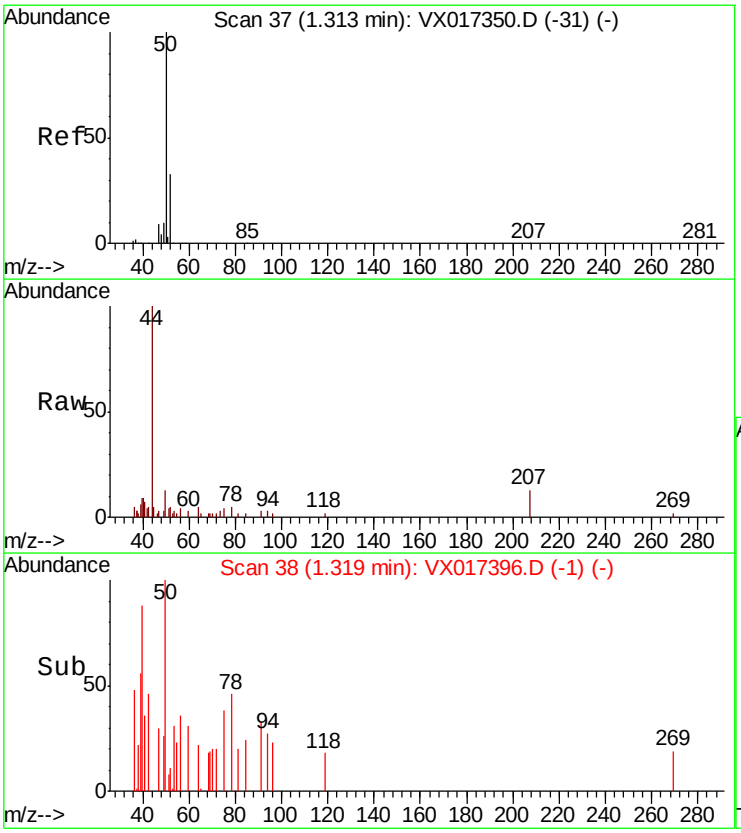
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.00 min
Lab File: VX017396.D
Acq: 16 Jul 2020 17:14

Instrument :
MSVOA_X
ClientSampleId :
PB130232ZHE#02

Tgt Ion:168 Resp: 265371

Ion	Ratio	Lower	Upper
168	100		
99	55.7	41.6	62.4

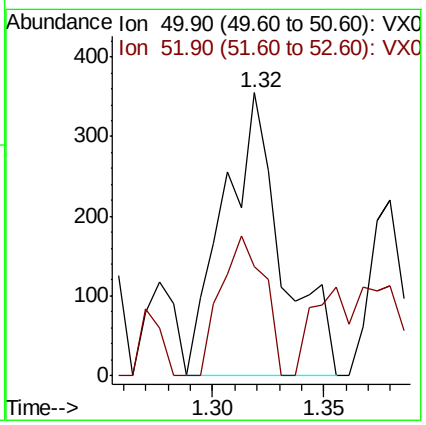


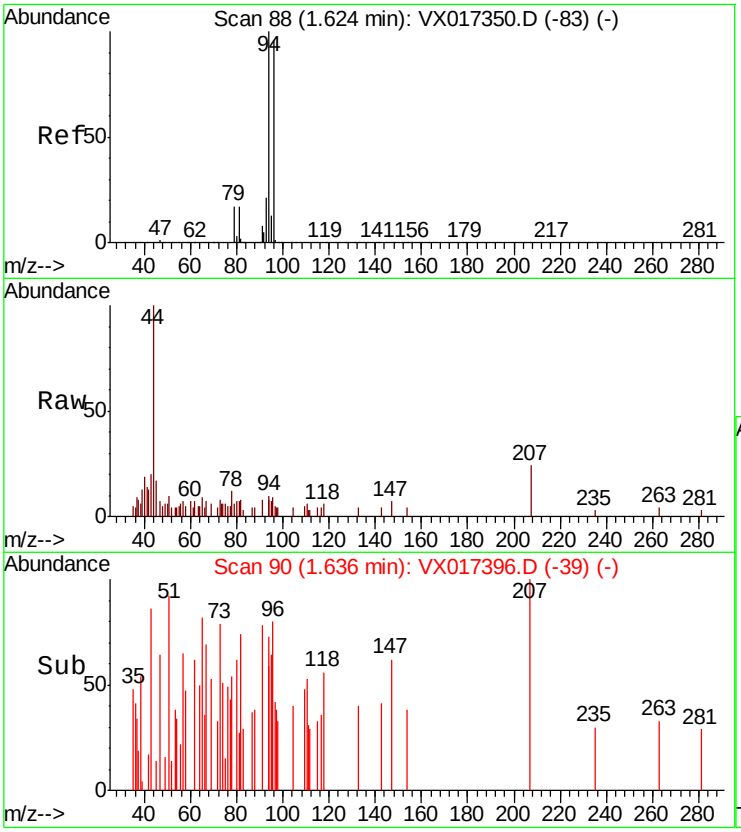


#3
Chloromethane
Concen: 0.255 ug/l
RT: 1.32 min Scan# 38
Delta R.T. 0.01 min
Lab File: VX017396.D
Acq: 16 Jul 2020 17:14

Tgt Ion: 50 Resp: 645

Ion	Ratio	Lower	Upper
50	100		
52	38.6	26.7	40.1



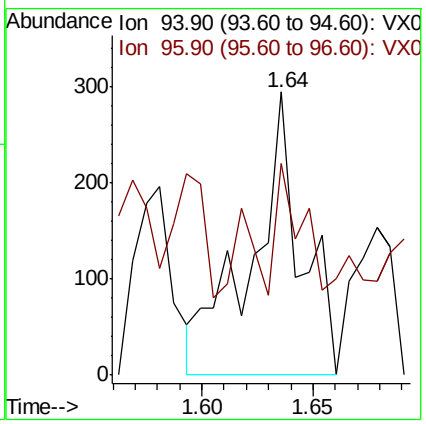


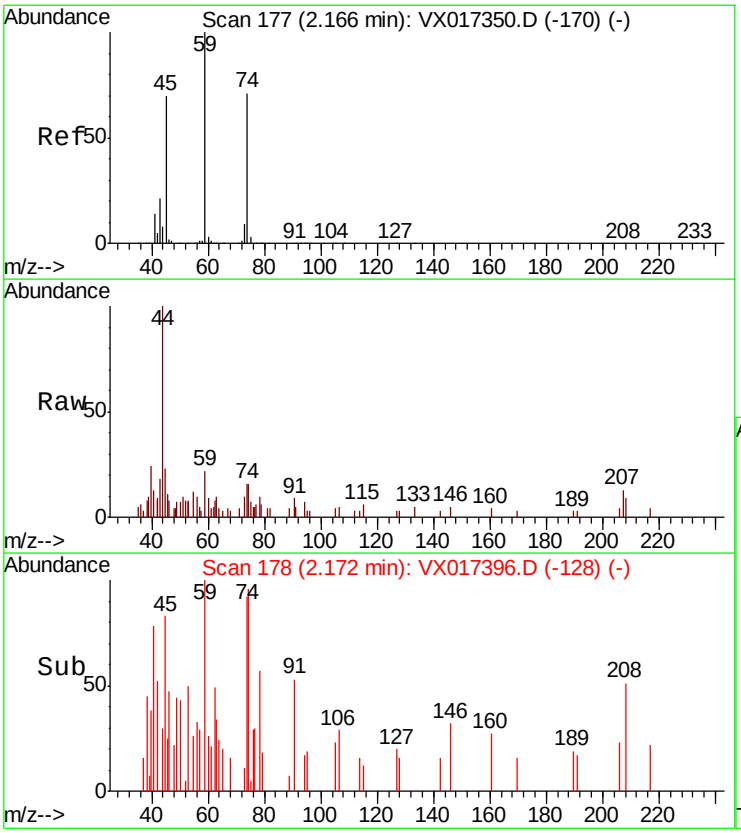
#5
Bromomethane
Concen: 0.279 ug/l
RT: 1.64 min Scan# 90
Delta R.T. 0.01 min
Lab File: VX017396.D
Acq: 16 Jul 2020 17:14

Instrument :
MSVOA_X
ClientSampleId :
PB130232ZHE#02

Tgt Ion: 94 Resp: 454

Ion	Ratio	Lower	Upper
94	100		
96	40.8	76.6	115.0#

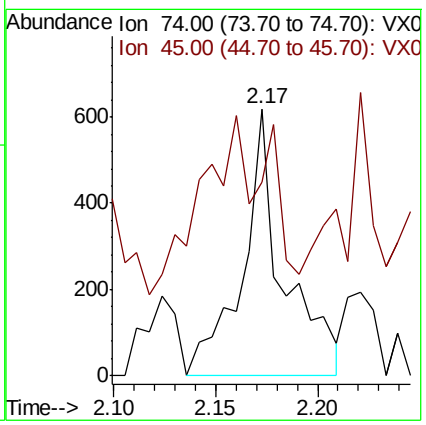


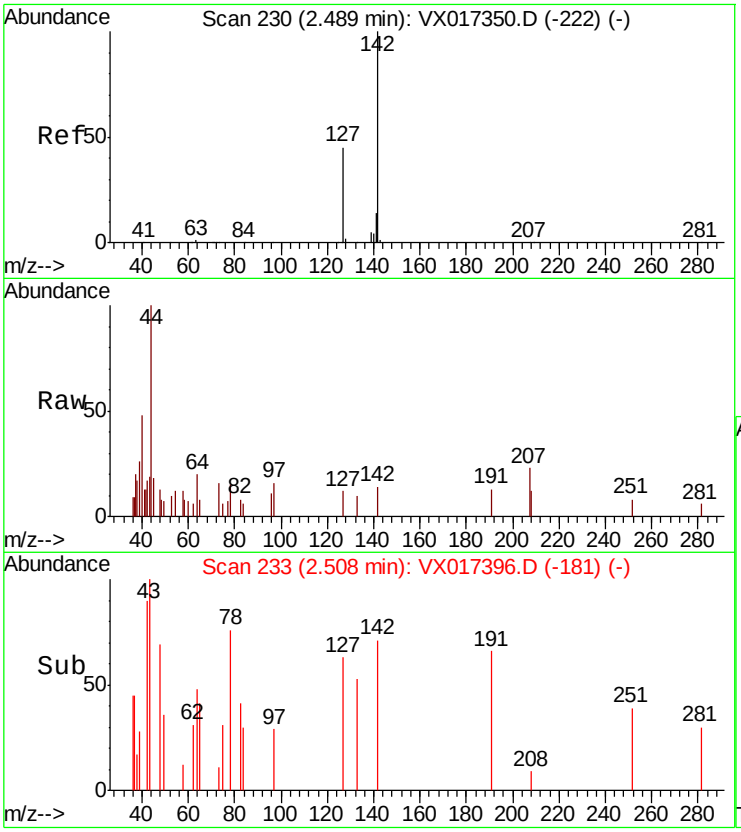


#8
Diethyl Ether
Concen: 0.576 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017396.D
Acq: 16 Jul 2020 17:14

Tgt Ion: 74 Resp: 860

Ion	Ratio	Lower	Upper
74	100		
45	107.9	47.2	141.6



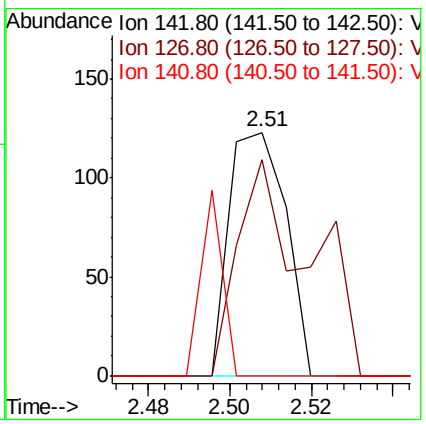


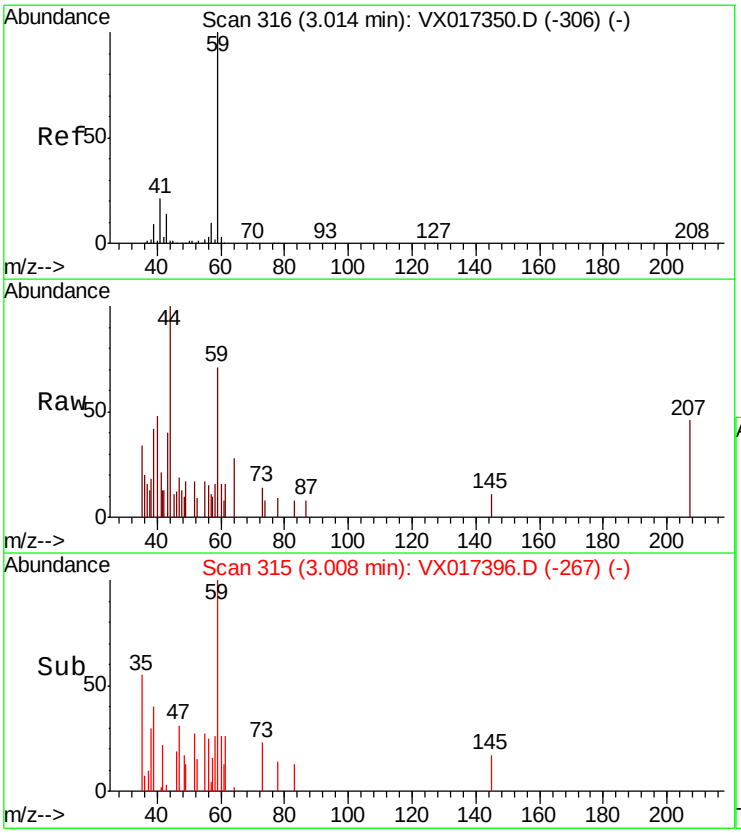
#10
Methyl Iodide
Concen: 2.410 ug/l
RT: 2.51 min Scan# 233
Delta R.T. 0.02 min
Lab File: VX017396.D
Acq: 16 Jul 2020 17:14

Instrument : MSVOA_X
ClientSampleId : PB130232ZHE#02

Tgt Ion:142 Resp: 119

Ion	Ratio	Lower	Upper
142	100		
127	110.9	36.8	55.2#
141	28.6	11.4	17.0#

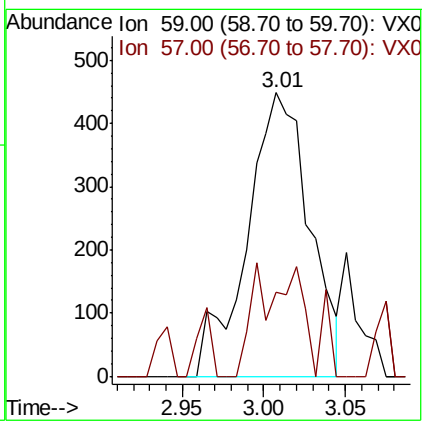


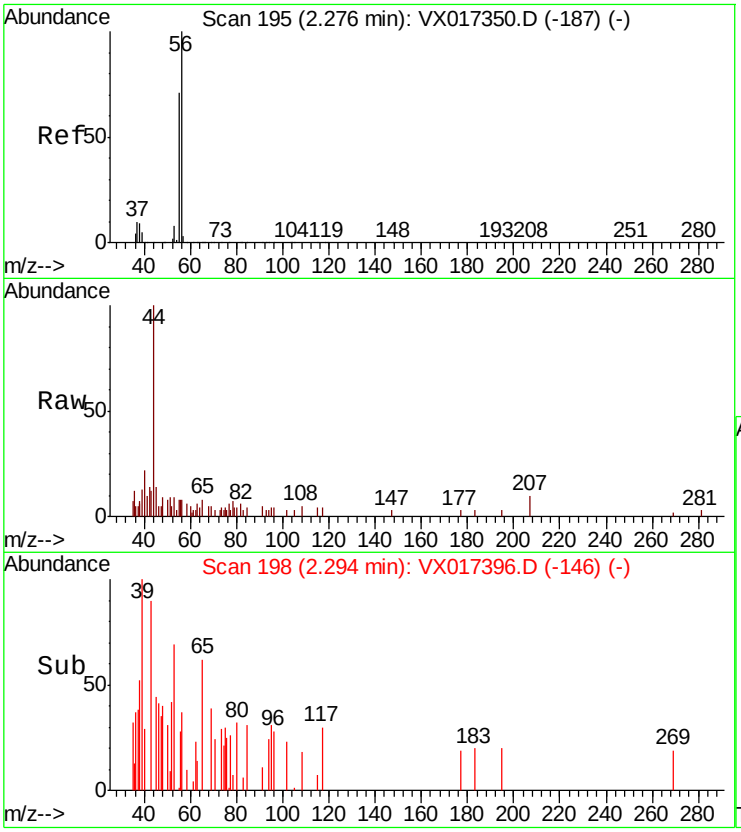


#11
Tert butyl alcohol
Concen: 2.133 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017396.D
Acq: 16 Jul 2020 17:14

Tgt Ion: 59 Resp: 1197

Ion	Ratio	Lower	Upper
59	100		
57	8.6	8.3	12.5



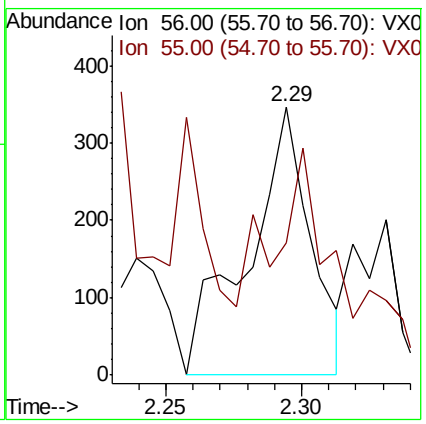


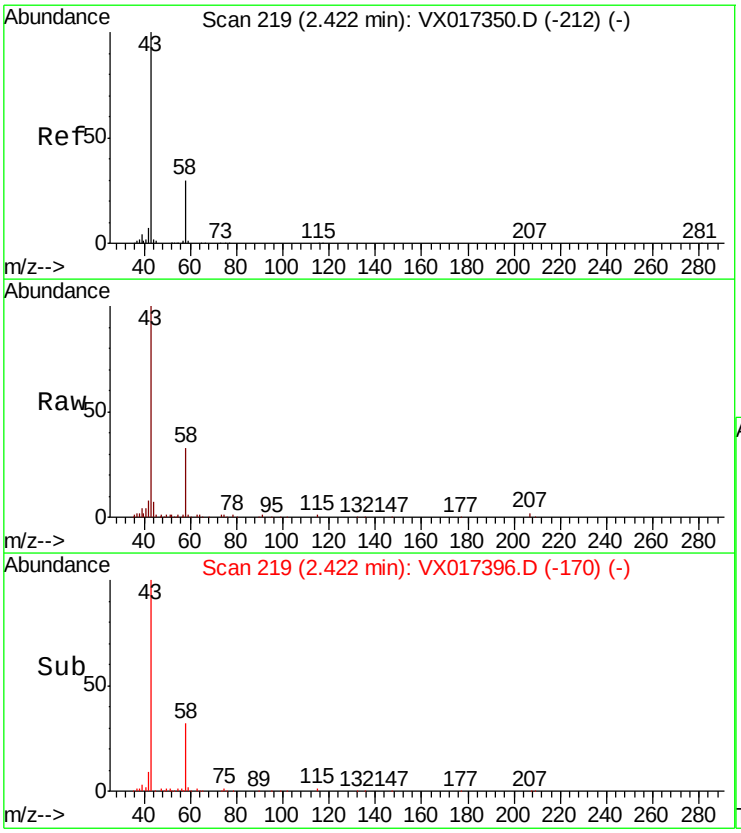
#13
Acrolein
Concen: 1.807 ug/l
RT: 2.29 min Scan# 198
Delta R.T. 0.02 min
Lab File: VX017396.D
Acq: 16 Jul 2020 17:14

Instrument : MSVOA_X
ClientSampleId : PB130232ZHE#02

Tgt Ion: 56 Resp: 556

Ion	Ratio	Lower	Upper
56	100		
55	96.4	57.1	85.7#

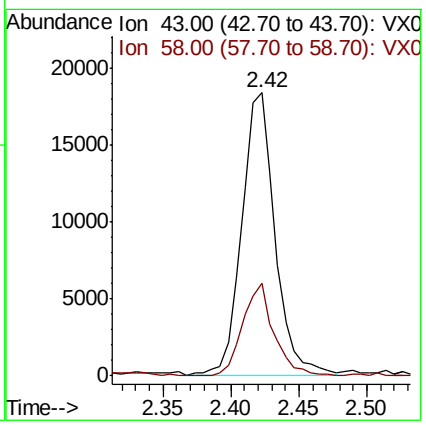


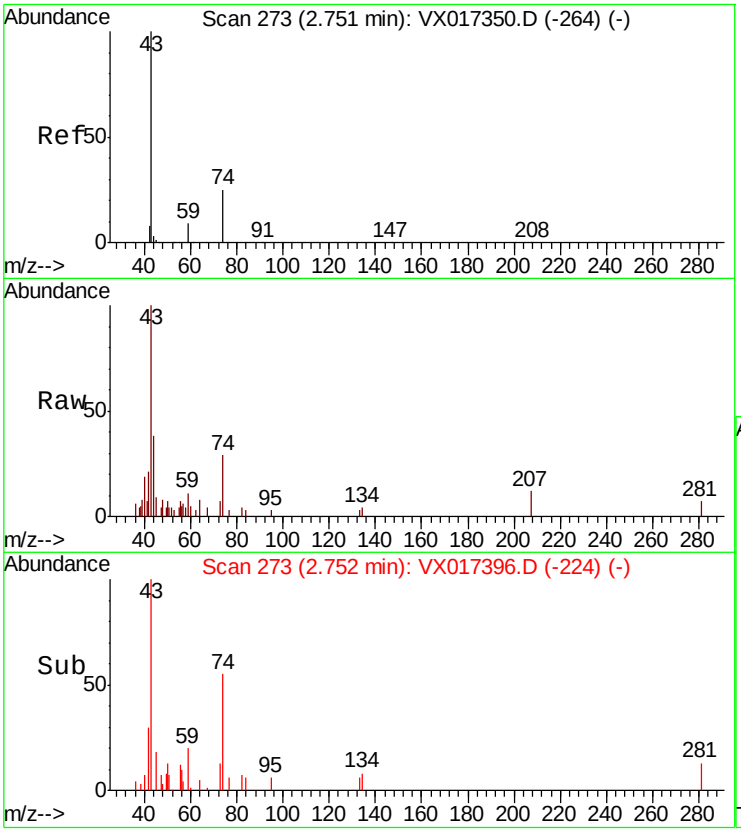


#16
Acetone
Concen: 26.317 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX017396.D
Acq: 16 Jul 2020 17:14

Tgt Ion: 43 Resp: 31270

Ion	Ratio	Lower	Upper
43	100		
58	32.8	24.2	36.2



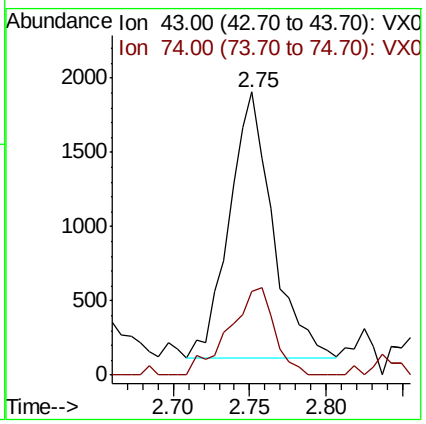


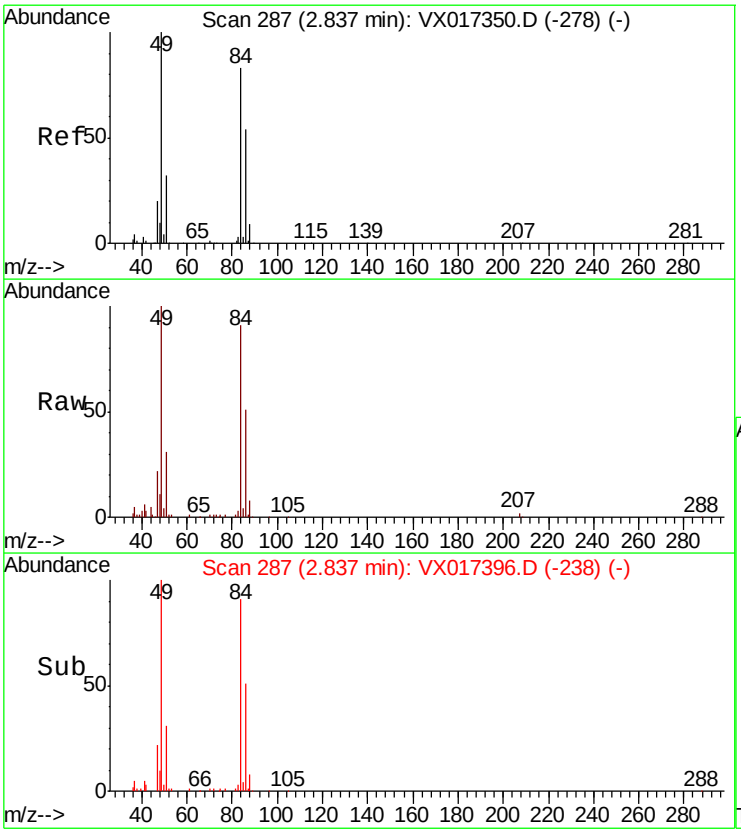
#18
Methyl Acetate
Concen: 1.207 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX017396.D
Acq: 16 Jul 2020 17:14

Instrument : MSVOA_X
ClientSampleId : PB130232ZHE#02

Tgt Ion: 43 Resp: 3541

Ion	Ratio	Lower	Upper
43	100		
74	34.0	19.4	29.2#

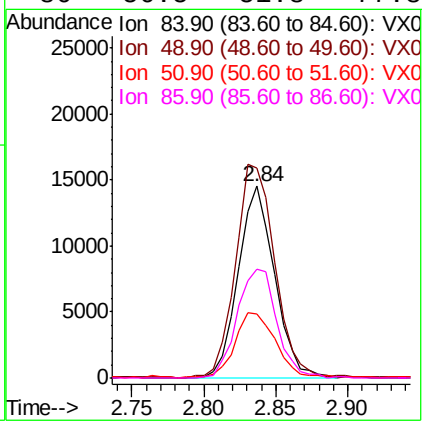


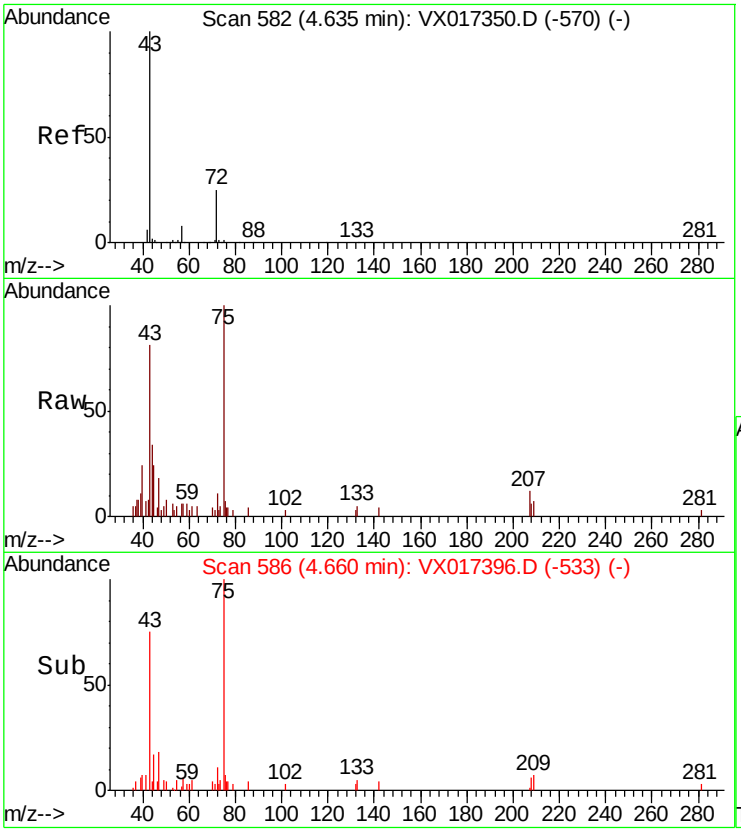


#20
Methylene Chloride
Concen: 8.762 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017396.D
Acq: 16 Jul 2020 17:14

Tgt Ion: 84 Resp: 25402

Ion	Ratio	Lower	Upper
84	100		
49	109.9	95.8	143.8
51	32.9	31.0	46.4
86	56.5	51.8	77.8



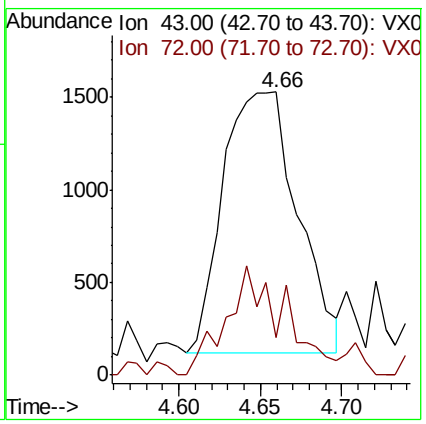


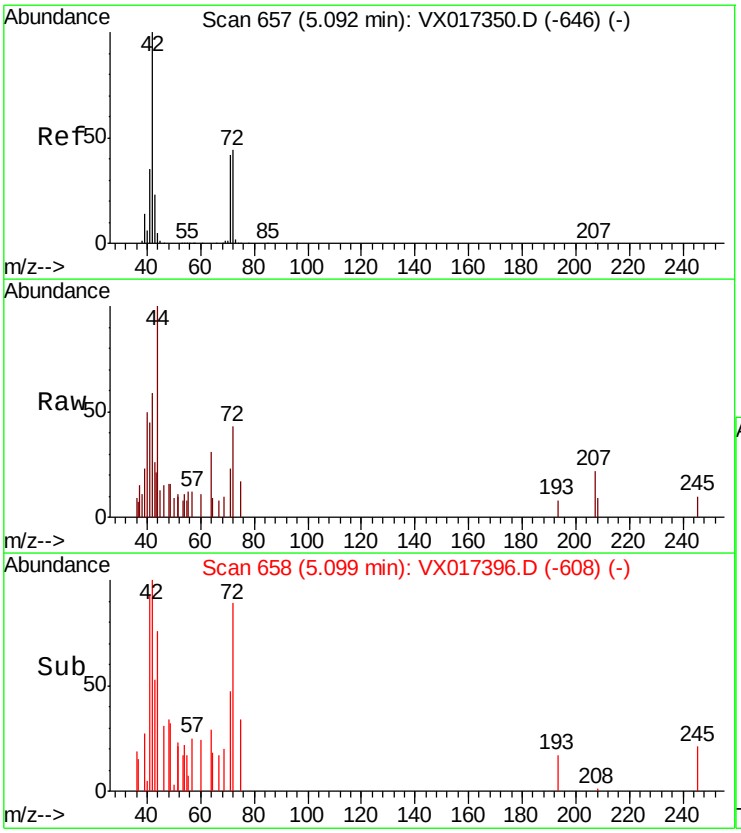
#25
2-Butanone
Concen: 2.366 ug/l
RT: 4.66 min Scan# 586
Delta R.T. 0.02 min
Lab File: VX017396.D
Acq: 16 Jul 2020 17:14

Instrument : MSVOA_X
ClientSampleId : PB130232ZHE#02

Tgt Ion: 43 Resp: 4465

Ion	Ratio	Lower	Upper
43	100		
72	14.6	20.4	30.6#

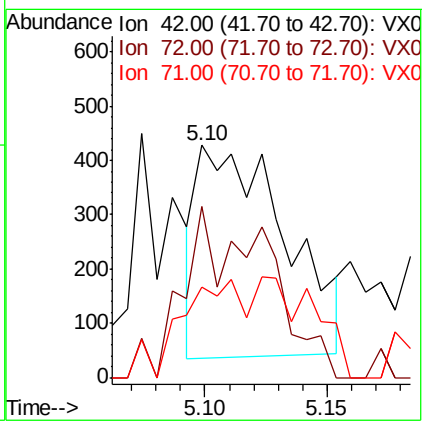


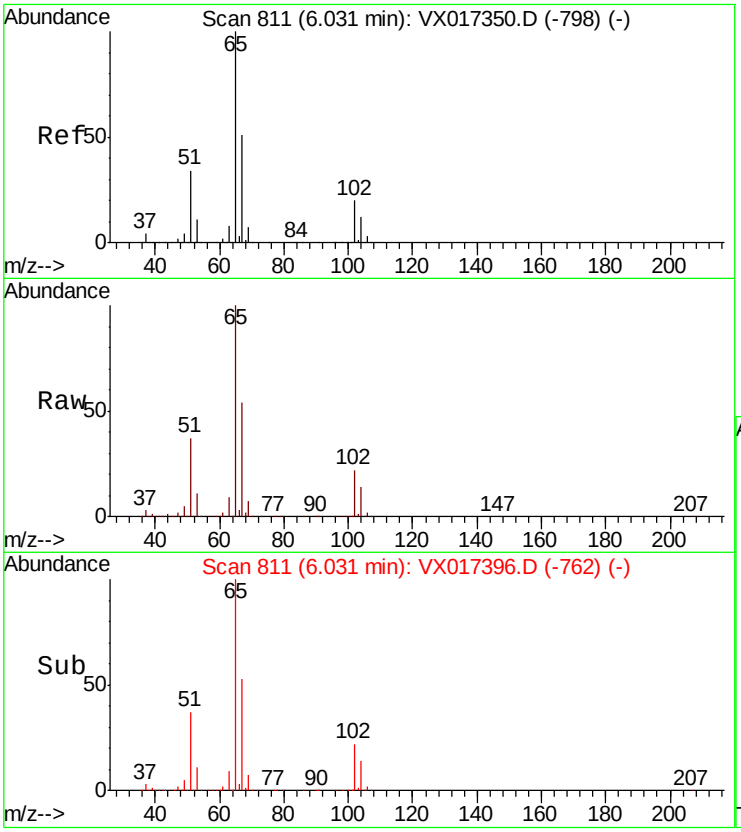


#29
Tetrahydrofuran
Concen: 0.802 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX017396.D
Acq: 16 Jul 2020 17:14

Tgt Ion: 42 Resp: 980

Ion	Ratio	Lower	Upper
42	100		
72	31.9	37.2	55.8#
71	33.5	34.4	51.6#



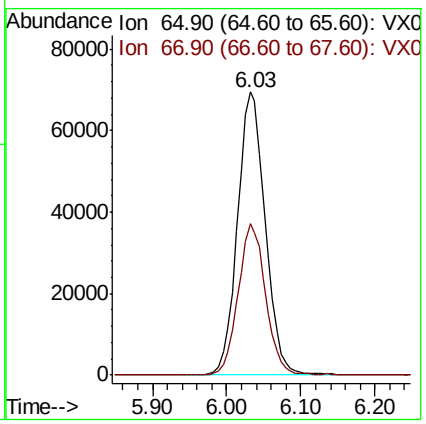


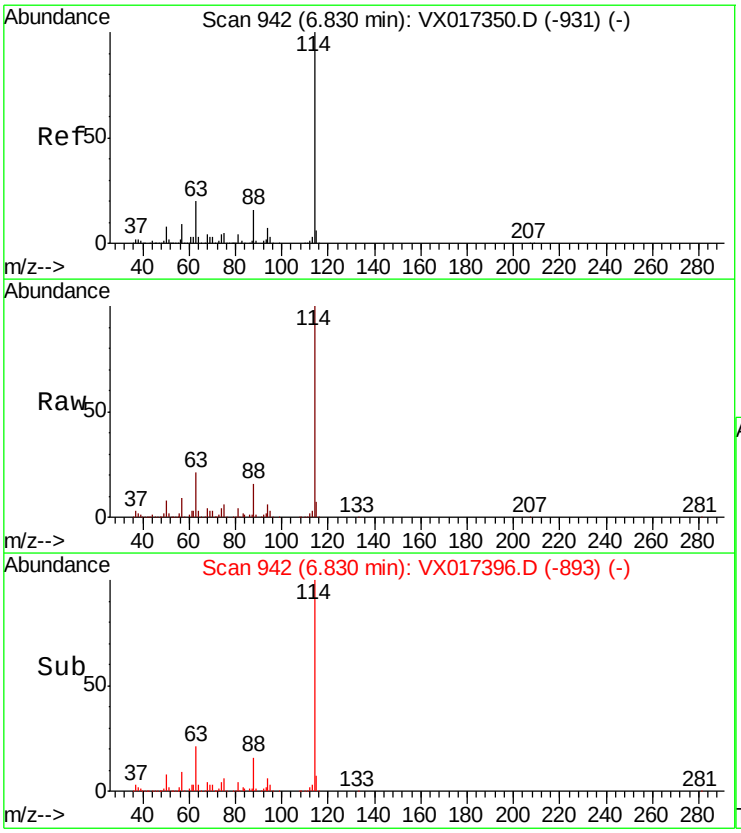
#33
1,2-Dichloroethane-d4
Concen: 54.530 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX017396.D
Acq: 16 Jul 2020 17:14

Instrument :
MSVOA_X
ClientSampleId :
PB130232ZHE#02

Tgt Ion: 65 Resp: 181618

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	101.6

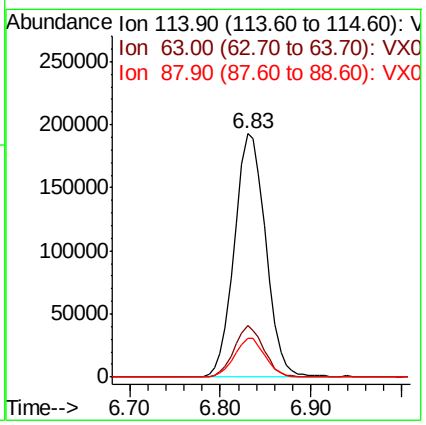


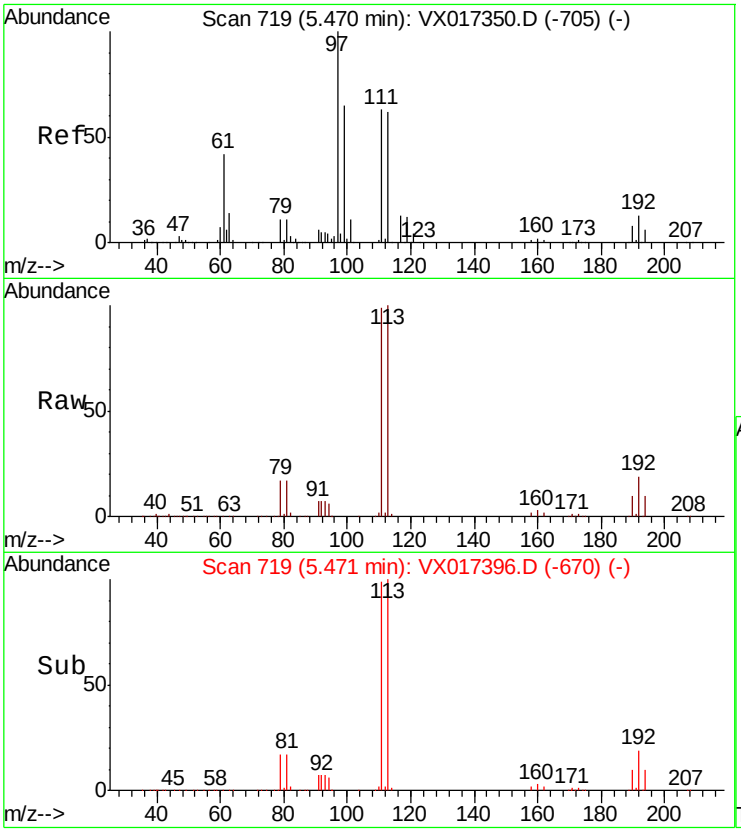


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.00 min
Lab File: VX017396.D
Acq: 16 Jul 2020 17:14

Tgt Ion:114 Resp: 462025

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	40.0
88	15.9	0.0	32.8



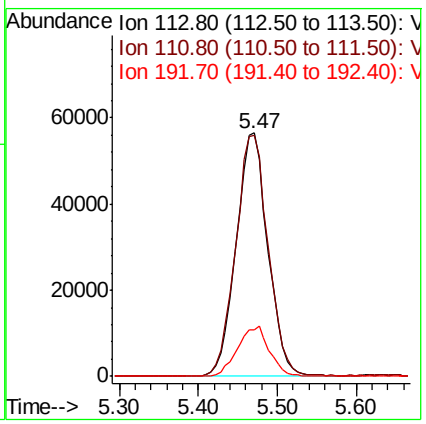


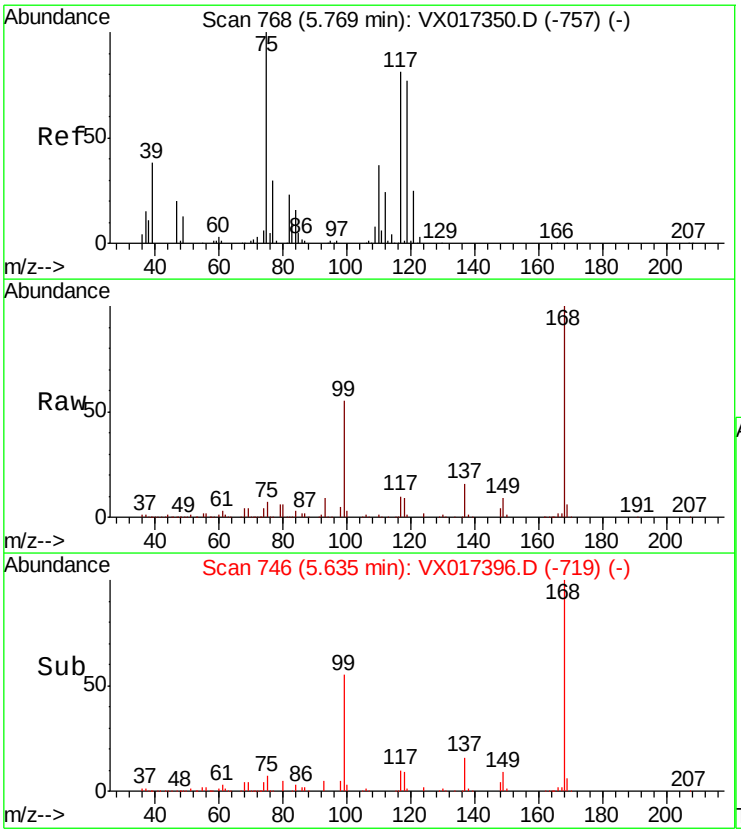
#35
Dibromofluoromethane
Concen: 50.842 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.00 min
Lab File: VX017396.D
Acq: 16 Jul 2020 17:14

Instrument :
MSVOA_X
ClientSampleId :
PB130232ZHE#02

Tgt Ion:113 Resp: 158236

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.4	123.6
192	20.7	17.2	25.8

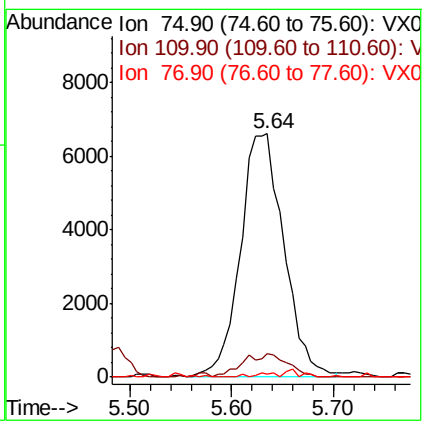


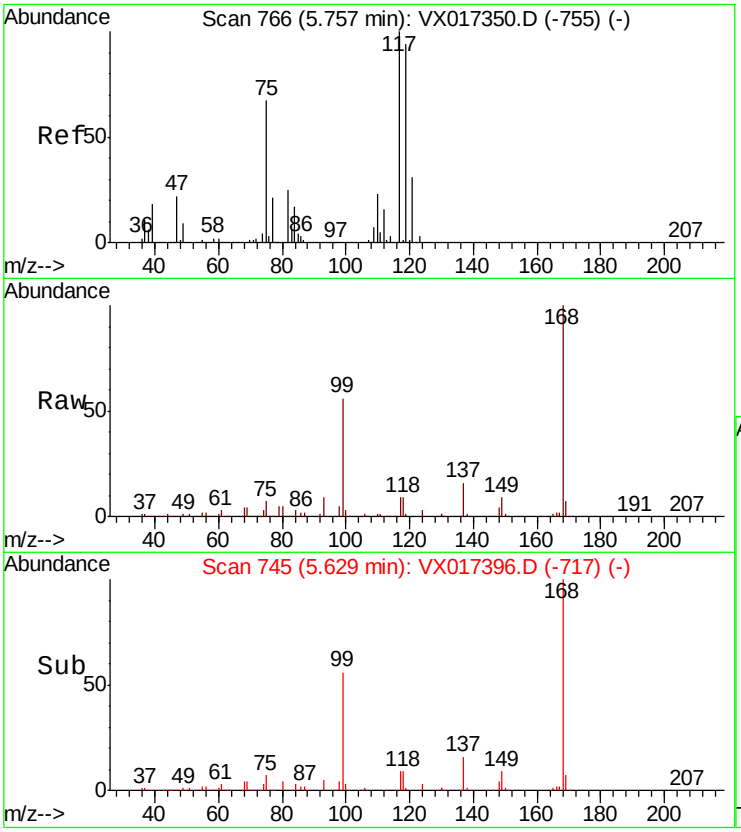


#36
1,1-Dichloropropene
Concen: 4.618 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.13 min
Lab File: VX017396.D
Acq: 16 Jul 2020 17:14

Tgt Ion: 75 Resp: 19624

Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.6	55.8#
77	0.8	24.9	37.3#



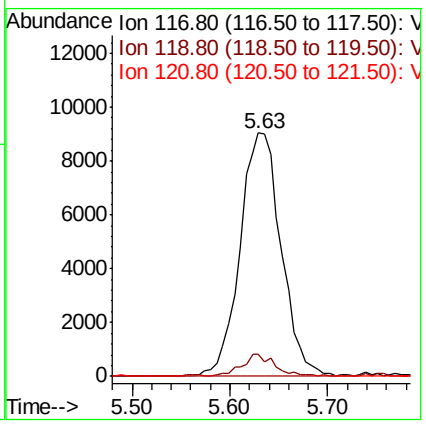


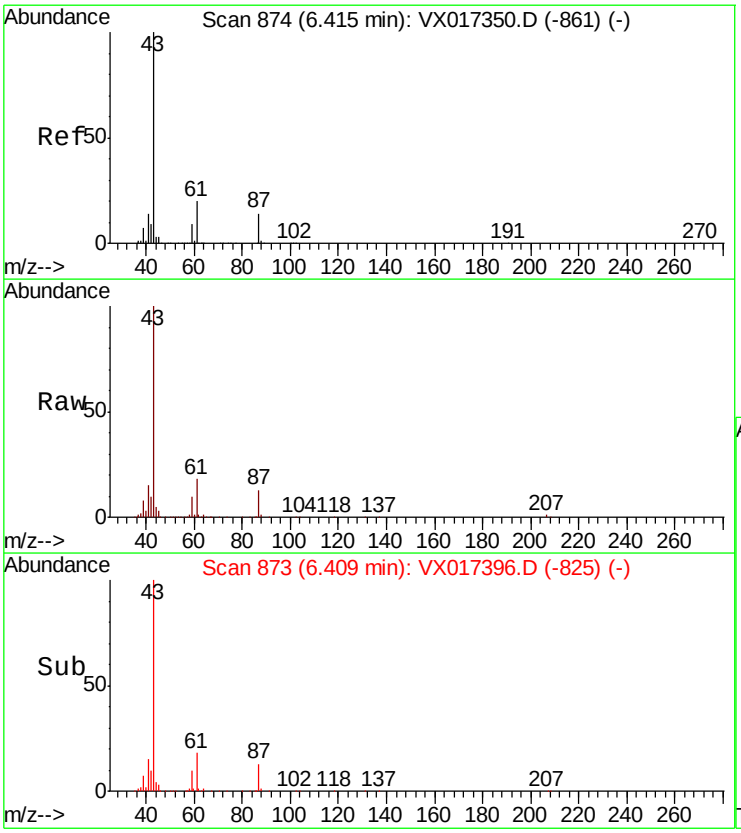
#38
Carbon Tetrachloride
Concen: 5.274 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX017396.D
Acq: 16 Jul 2020 17:14

Instrument : MSVOA_X
ClientSampleId : PB130232ZHE#02

Tgt Ion:117 Resp: 26240

Ion	Ratio	Lower	Upper
117	100		
119	8.9	74.7	112.1#
121	0.0	24.5	36.7#

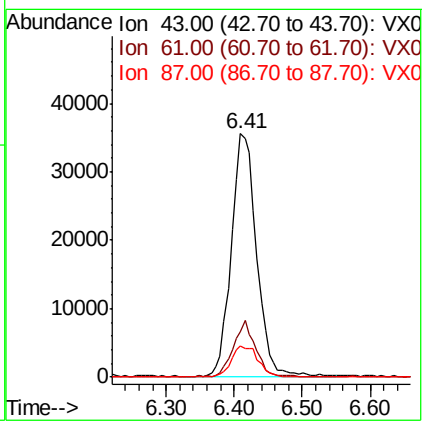


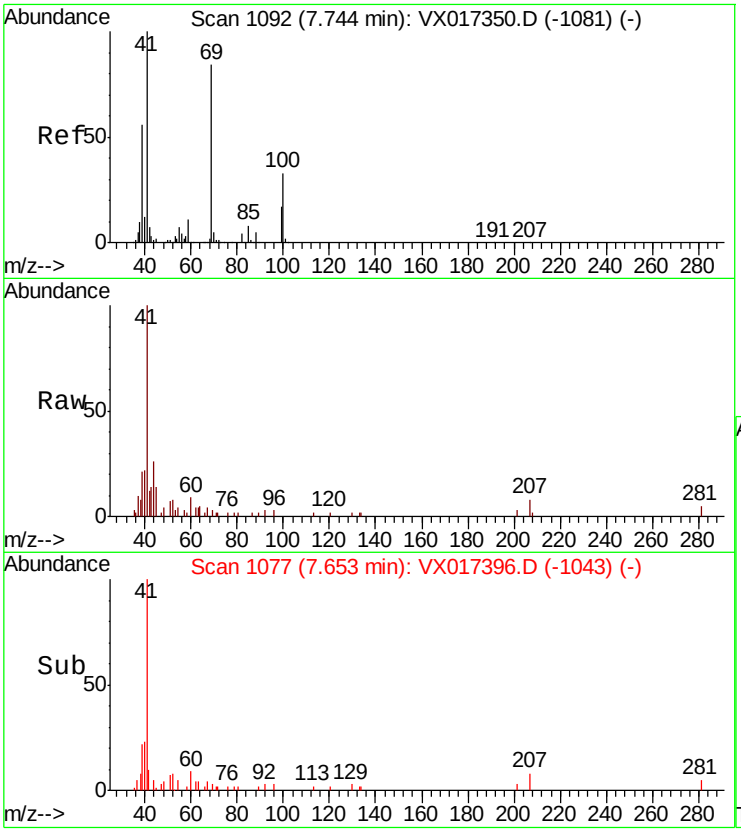


#43
Isopropyl Acetate
Concen: 12.998 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX017396.D
Acq: 16 Jul 2020 17:14

Tgt Ion: 43 Resp: 91281

Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.4	24.6
87	13.7	11.2	16.8



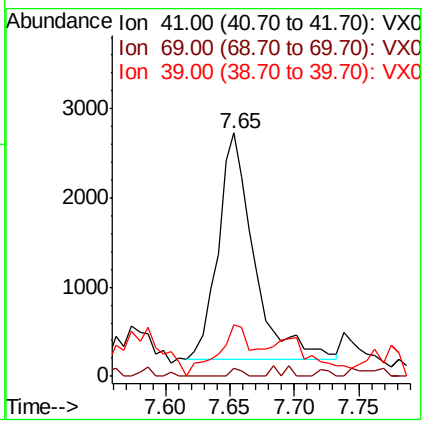


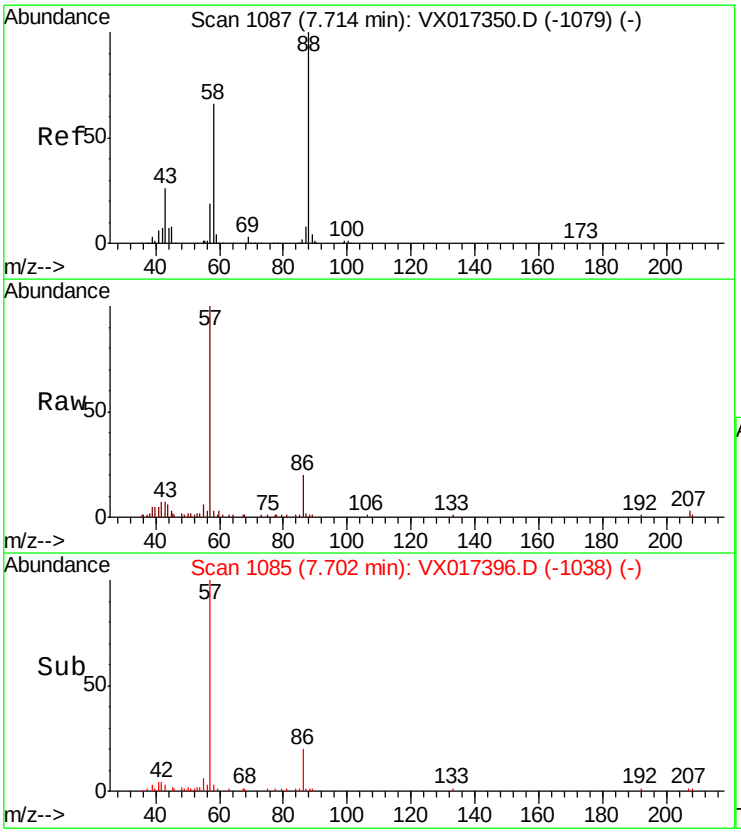
#48
Methyl methacrylate
Concen: 1.469 ug/l
RT: 7.65 min Scan# 1077
Delta R.T. -0.09 min
Lab File: VX017396.D
Acq: 16 Jul 2020 17:14

Instrument : MSVOA_X
ClientSampleId : PB130232ZHE#02

Tgt Ion: 41 Resp: 4952

Ion	Ratio	Lower	Upper
41	100		
69	1.1	67.8	101.6#
39	0.0	45.1	67.7#

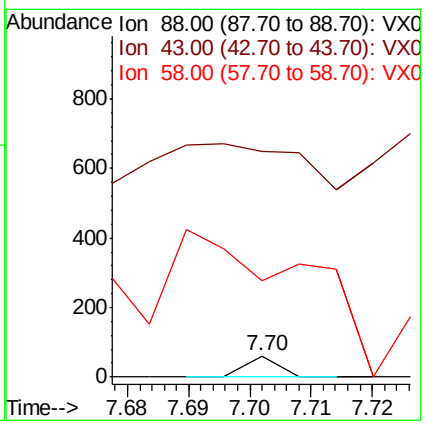


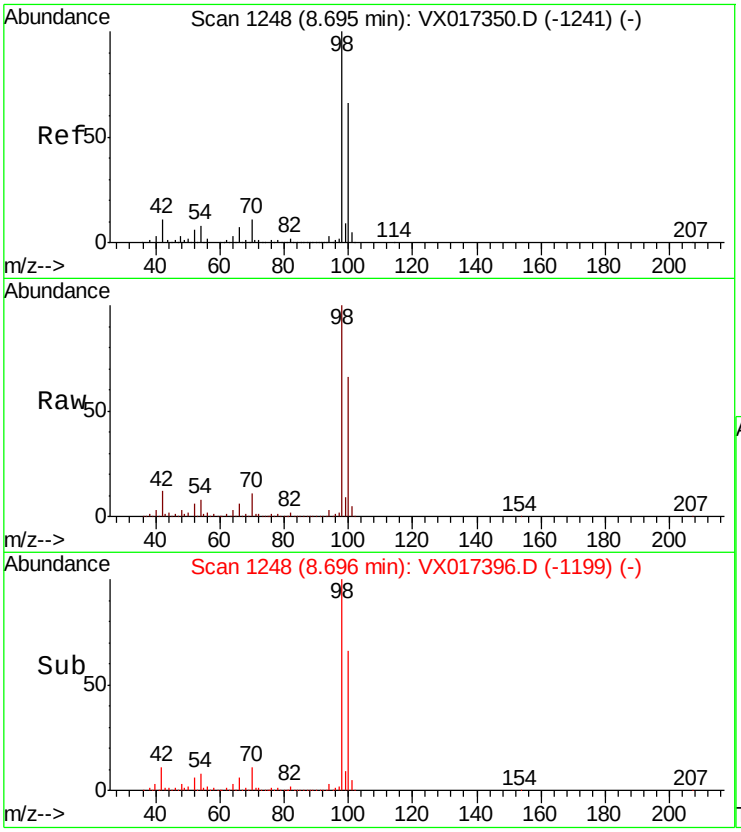


#49
1,4-Dioxane
Concen: 0.319 ug/l
RT: 7.70 min Scan# 1085
Delta R.T. -0.01 min
Lab File: VX017396.D
Acq: 16 Jul 2020 17:14

Tgt Ion: 88 Resp: 22

Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.6	38.4#
58	3840.9	53.9	80.9#



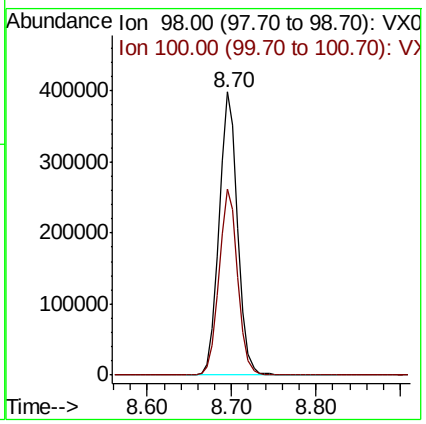


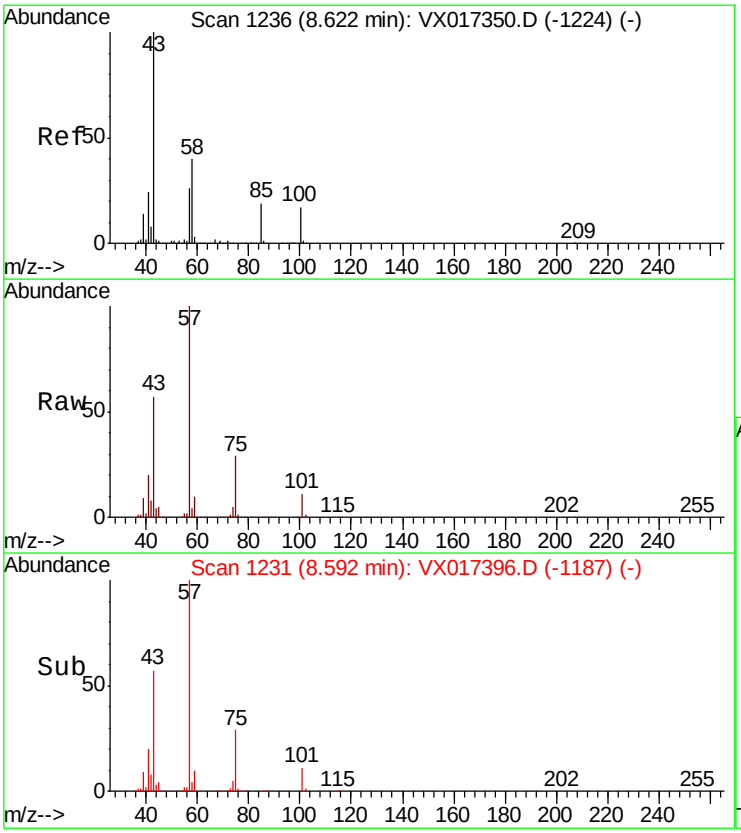
#50
Toluene-d8
Concen: 53.814 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017396.D
Acq: 16 Jul 2020 17:14

Instrument :
MSVOA_X
ClientSampleId :
PB130232ZHE#02

Tgt Ion: 98 Resp: 604139

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.4	80.2

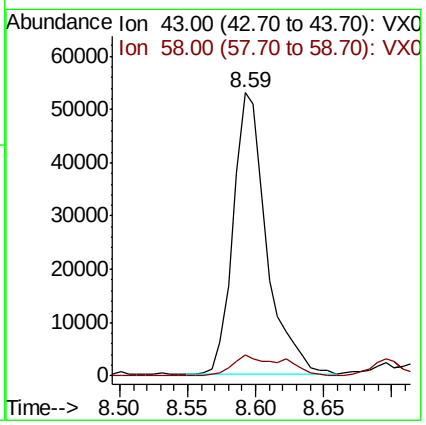


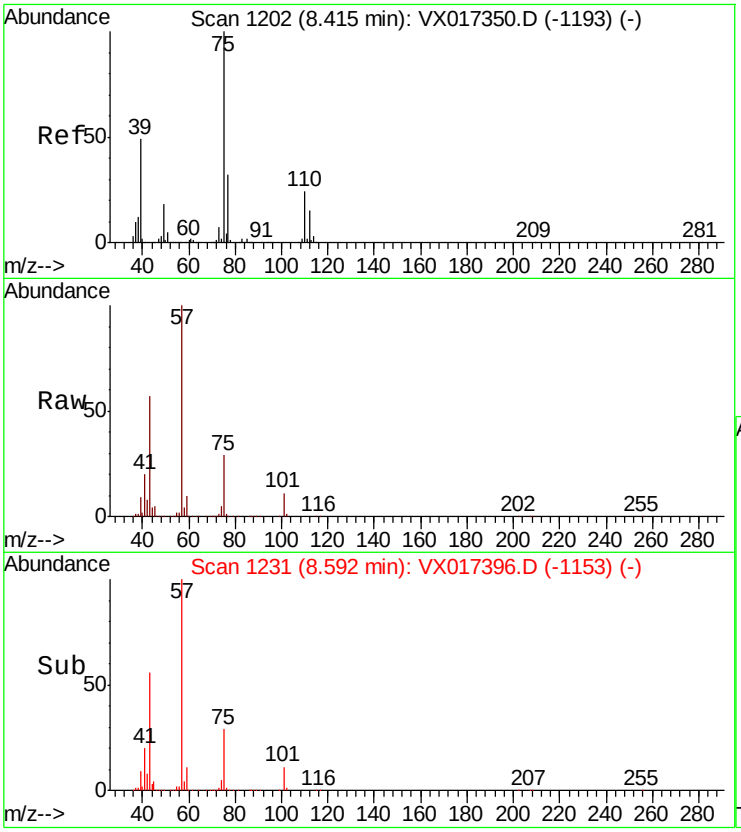


#51
4-Methyl-2-Pentanone
Concen: 21.023 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.03 min
Lab File: VX017396.D
Acq: 16 Jul 2020 17:14

Tgt Ion: 43 Resp: 90023

Ion	Ratio	Lower	Upper
43	100		
58	11.6	32.2	48.2#



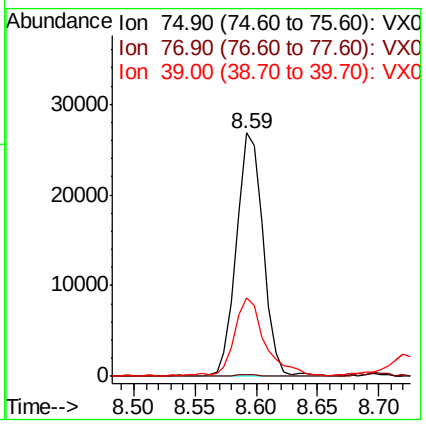


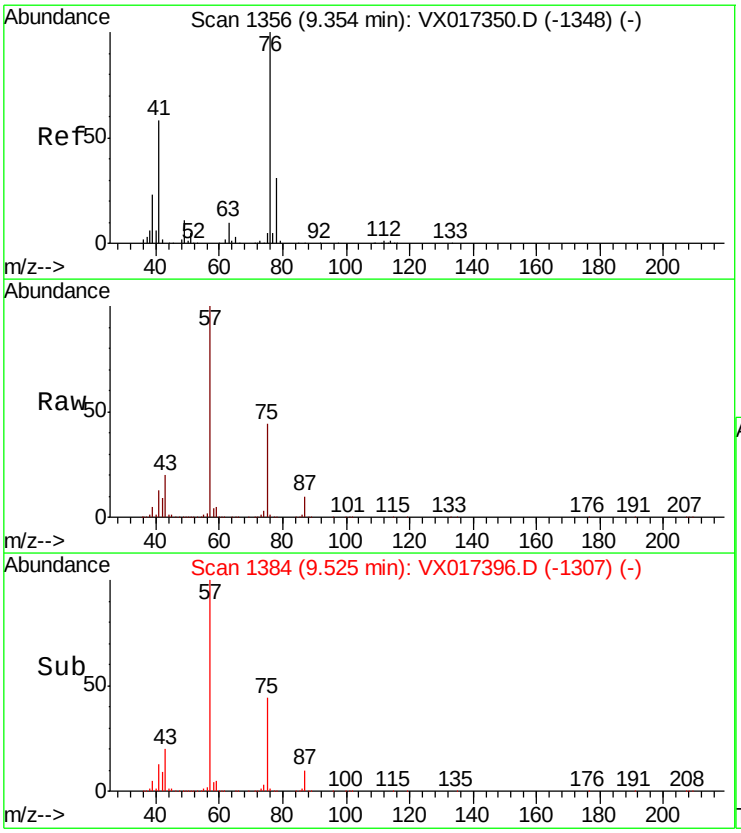
#54
cis-1,3-Dichloropropene
Concen: 7.471 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. 0.18 min
Lab File: VX017396.D
Acq: 16 Jul 2020 17:14

Instrument :
MSVOA_X
ClientSampleId :
PB130232ZHE#02

Tgt Ion: 75 Resp: 40451

Ion	Ratio	Lower	Upper
75	100		
77	0.8	25.3	37.9#
39	31.8	38.9	58.3#

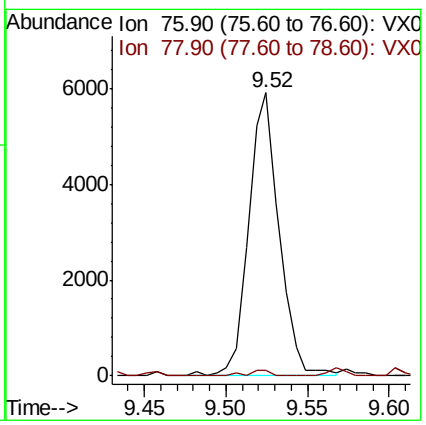


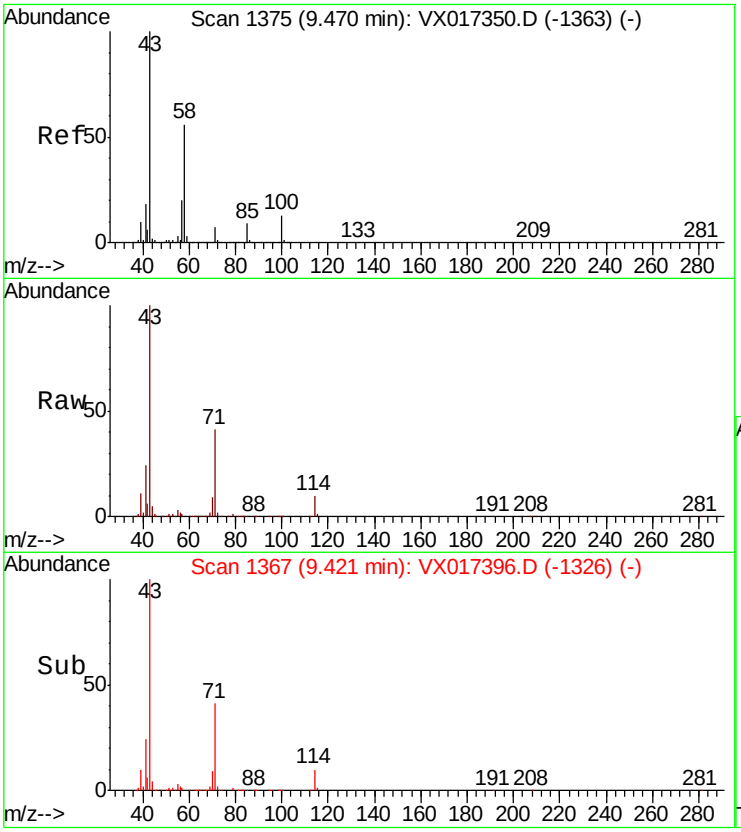


#57
1,3-Dichloropropane
Concen: 1.418 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.17 min
Lab File: VX017396.D
Acq: 16 Jul 2020 17:14

Tgt Ion: 76 Resp: 7708

Ion	Ratio	Lower	Upper
76	100		
78	1.4	25.8	38.6#



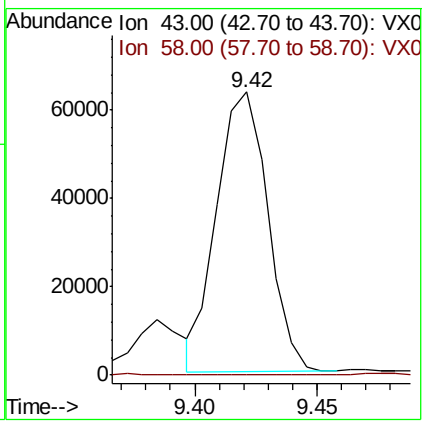


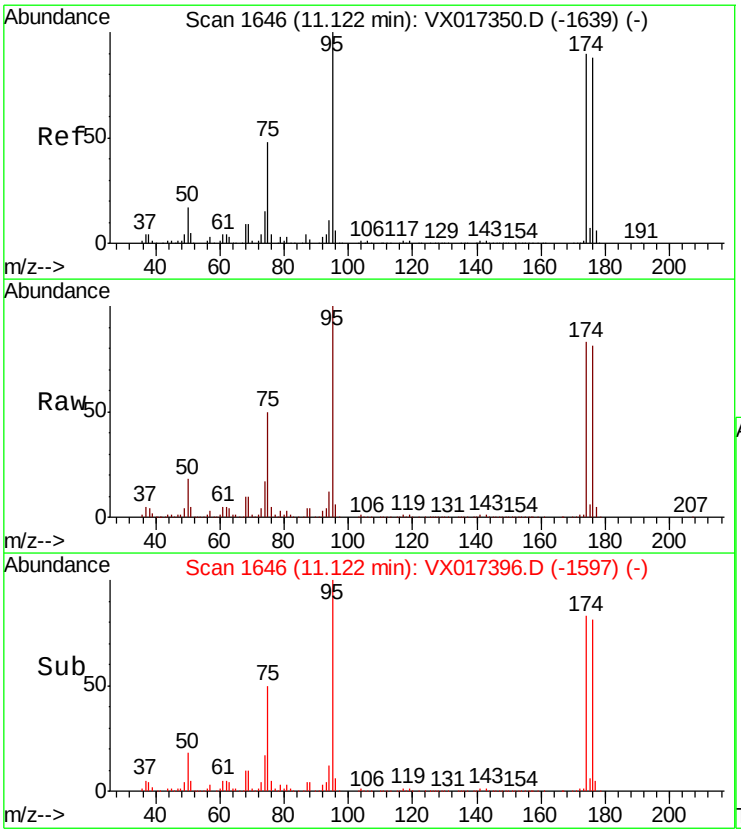
#59
2-Hexanone
Concen: 28.324 ug/l
RT: 9.42 min Scan# 1367
Delta R.T. -0.05 min
Lab File: VX017396.D
Acq: 16 Jul 2020 17:14

Instrument :
MSVOA_X
ClientSampleId :
PB130232ZHE#02

Tgt Ion: 43 Resp: 91542

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.1	84.3#

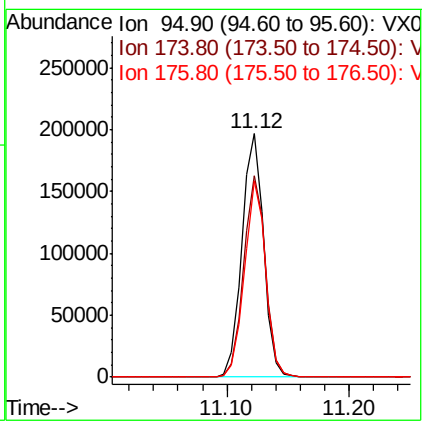


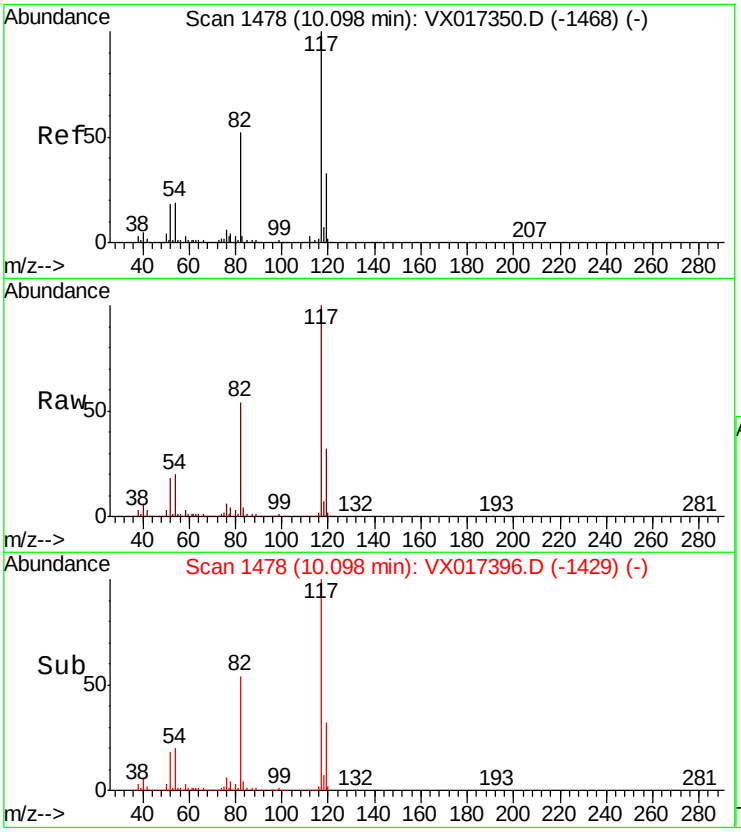


#62
4-Bromofluorobenzene
Concen: 53.939 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX017396.D
Acq: 16 Jul 2020 17:14

Tgt Ion: 95 Resp: 240531

Ion	Ratio	Lower	Upper
95	100		
174	83.6	0.0	175.8
176	79.3	0.0	164.6



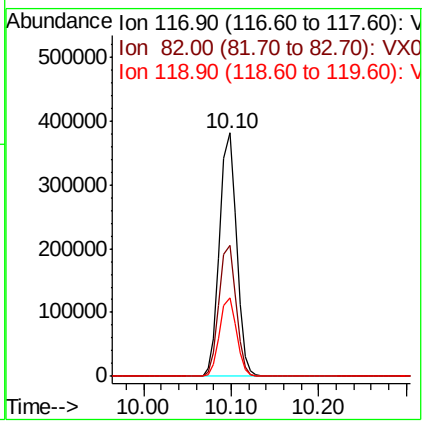


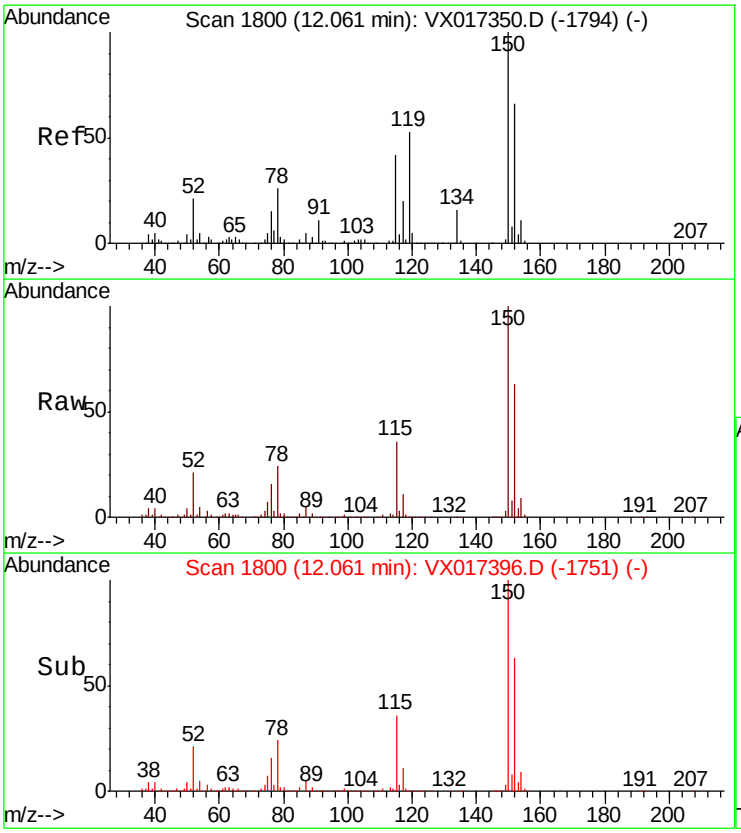
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017396.D
Acq: 16 Jul 2020 17:14

Instrument : MSVOA_X
ClientSampleId : PB130232ZHE#02

Tgt Ion:117 Resp: 511509

Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.0	63.0
119	32.5	26.3	39.5

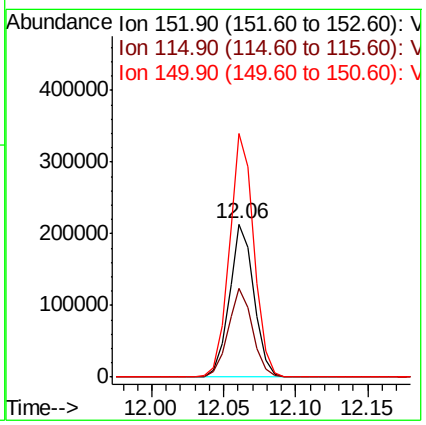


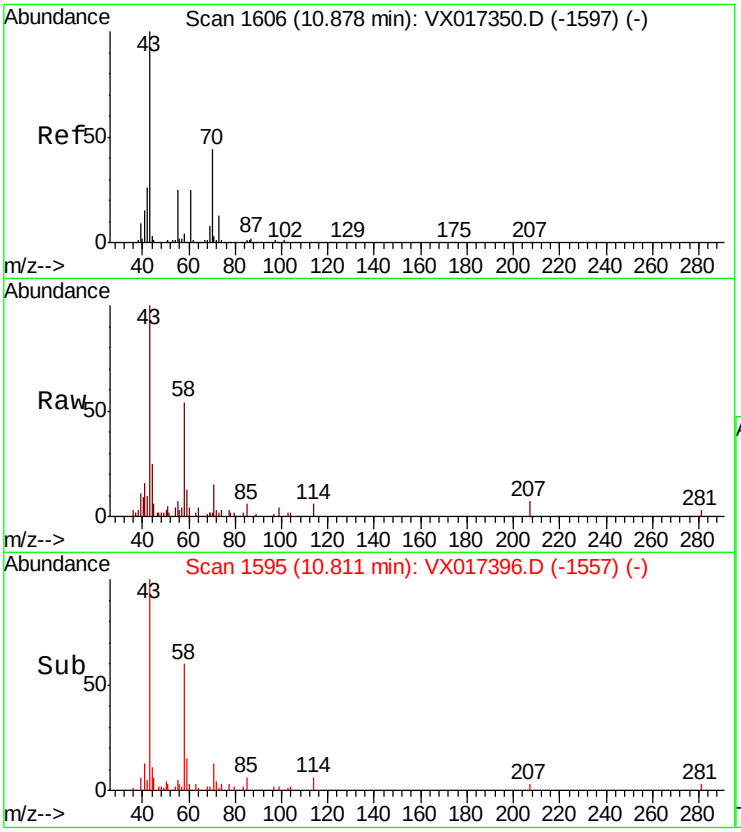


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX017396.D
Acq: 16 Jul 2020 17:14

Tgt Ion:152 Resp: 254179

Ion	Ratio	Lower	Upper
152	100		
115	57.7	39.9	119.7
150	159.7	0.0	343.4



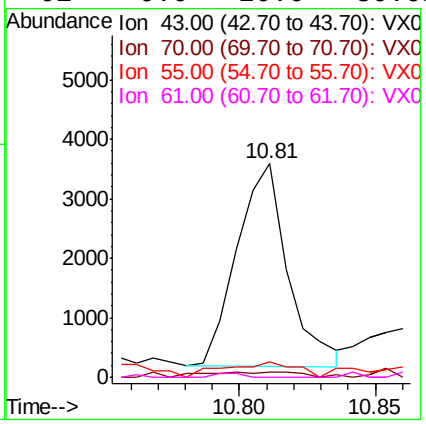


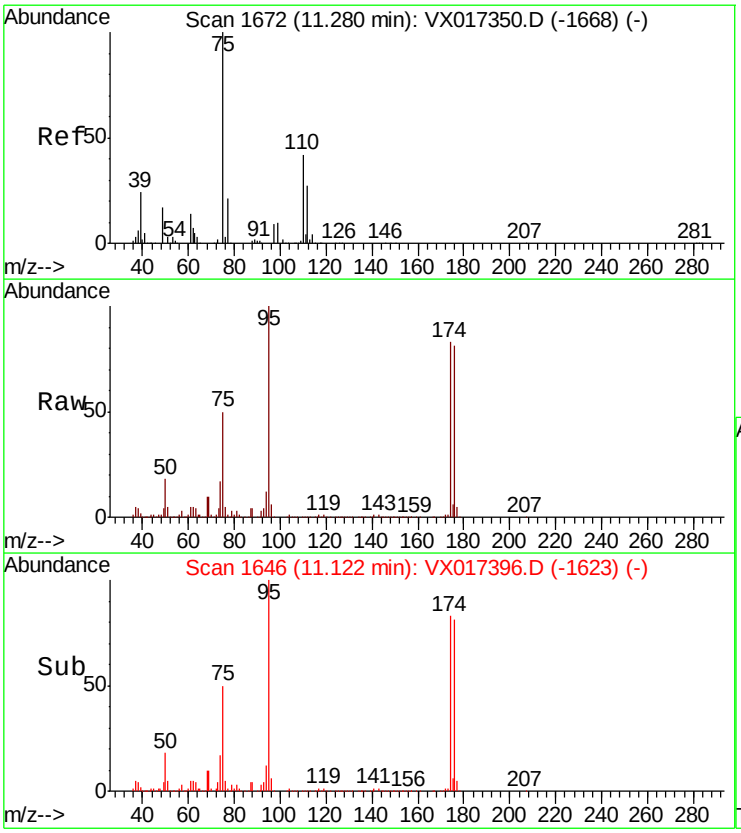
#74
N-amyl acetate
Concen: 0.695 ug/l
RT: 10.81 min Scan# 1595
Delta R.T. -0.07 min
Lab File: VX017396.D
Acq: 16 Jul 2020 17:14

Instrument : MSVOA_X
ClientSampleId : PB130232ZHE#02

Tgt Ion: 43 Resp: 4434

Ion	Ratio	Lower	Upper
43	100		
70	4.7	35.7	53.5#
55	10.3	20.3	30.5#
61	0.0	20.0	30.0#

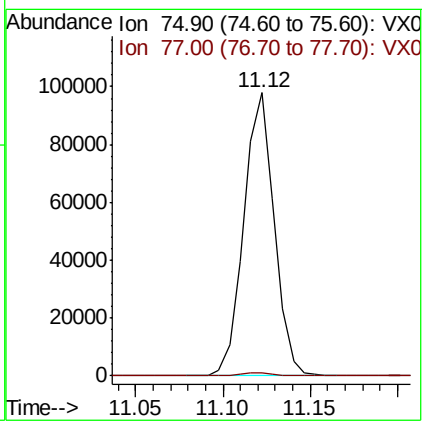


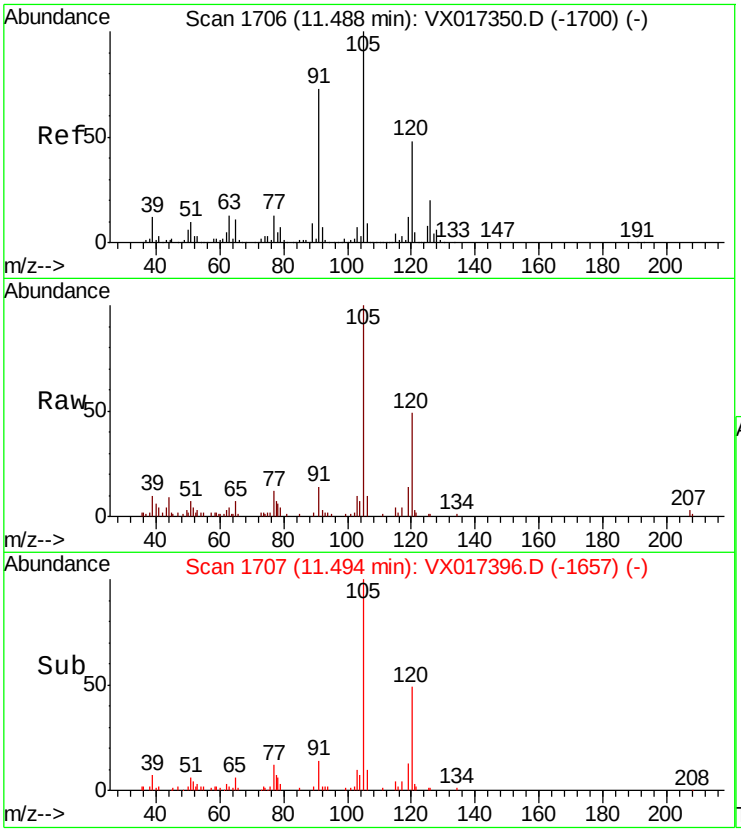


#76
1,2,3-Trichloropropane
Concen: 25.131 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX017396.D
Acq: 16 Jul 2020 17:14

Tgt Ion: 75 Resp: 118034

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.3	60.9#



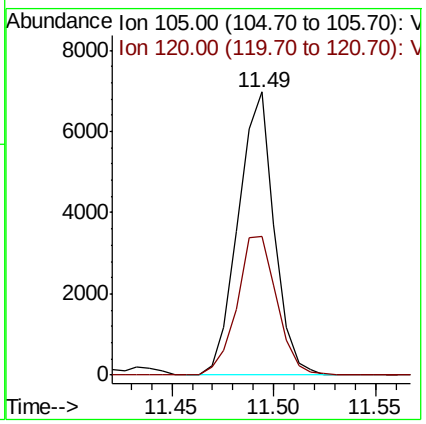


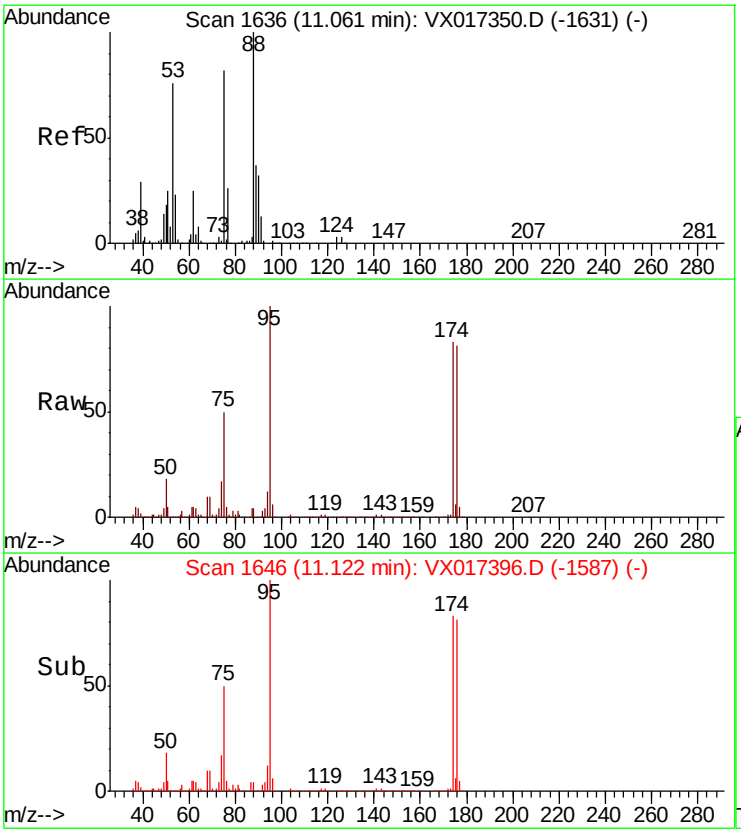
#80
1,3,5-Trimethylbenzene
Concen: 0.630 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX017396.D
Acq: 16 Jul 2020 17:14

Instrument :
MSVOA_X
ClientSampleId :
PB130232ZHE#02

Tgt Ion:105 Resp: 8525

Ion	Ratio	Lower	Upper
105	100		
120	54.4	24.8	74.4

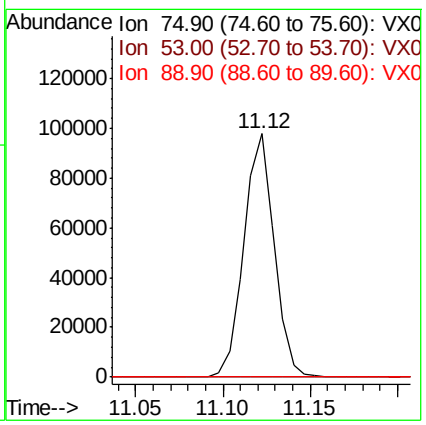


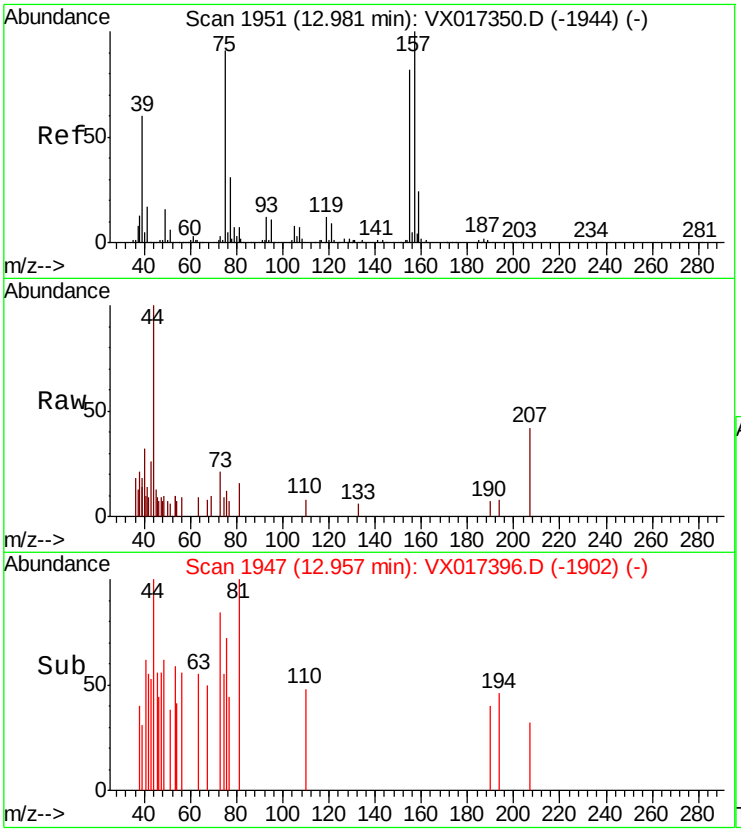


#81
trans-1,4-Dichloro-2-butene
Concen: 63.751 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX017396.D
Acq: 16 Jul 2020 17:14

Tgt Ion: 75 Resp: 118034

Ion	Ratio	Lower	Upper
75	100		
53	0.3	76.5	114.7#
89	0.0	38.1	57.1#





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.226 ug/l
RT: 12.96 min Scan# 1947
Delta R.T. -0.02 min
Lab File: VX017396.D
Acq: 16 Jul 2020 17:14

Instrument :
MSVOA_X
ClientSampleId :
PB130232ZHE#02

Tgt Ion: 75 Resp: 289

Ion	Ratio	Lower	Upper
75	100		
155	0.0	46.5	139.3#
157	0.0	58.0	173.9#