Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082820\
Data File : VX018111.D
Acq On : 28 Aug 2020 11:40
Operator : JC/SP
Sample : PB131256ZHE#01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB131256ZHE#01

Quant Time: Aug 29 03:03:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.64	168	661684	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.83	114	1118402	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.10	117	1049999	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	476695	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	470317	51.20	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.40%				
35) Dibromofluoromethane	5.46	113	368470	48.38	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.76%				
50) Toluene-d8	8.70	98	1381928	48.71	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.42%				
62) 4-Bromofluorobenzene	11.12	95	509067	45.61	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.22%				
Target Compounds							Qvalue
5) Bromomethane	1.64	94	1379	0.338	ug/l	#	58
8) Diethyl Ether	2.17	74	2378	0.608	ug/l		92
10) Methyl Iodide	2.50	142	1570	5.497	ug/l	#	90
11) Tert butyl alcohol	3.01	59	5013	2.807	ug/l		100
13) Acrolein	2.28	56	858	1.159	ug/l	#	36
16) Acetone	2.42	43	108066	30.191	ug/l		99
17) Carbon Disulfide	2.54	76	4775	0.244	ug/l		97
18) Methyl Acetate	2.75	43	13641	1.579	ug/l		96
20) Methylene Chloride	2.84	84	101170	12.958	ug/l		98
25) 2-Butanone	4.64	43	18680	3.175	ug/l	#	83
29) Tetrahydrofuran	5.12	42	3059	0.817	ug/l	#	57
31) Cyclohexane	5.63	56	13177	1.198	ug/l	#	1
36) 1,1-Dichloropropene	5.63	75	53618	5.198	ug/l	#	51
37) Ethyl Acetate	4.64	43	18908	1.578	ug/l	#	74
38) Carbon Tetrachloride	5.64	117	68570	5.898	ug/l	#	16
43) Isopropyl Acetate	6.42	43	203034	10.492	ug/l		99
48) Methyl methacrylate	7.65	41	10471	1.087	ug/l	#	16
49) 1,4-Dioxane	7.72	88	299	1.713	ug/l	#	23
51) 4-Methyl-2-Pentanone	8.60	43	201180	16.830	ug/l	#	47
54) cis-1,3-Dichloropropene	8.60	75	80432	5.972	ug/l	#	59
59) 2-Hexanone	9.42	43	187015	20.575	ug/l	#	25
74) N-amyl acetate	10.81	43	8940	0.599	ug/l	#	50
76) 1,2,3-Trichloropropane	11.12	75	259346	24.457	ug/l	#	36
80) 1,3,5-Trimethylbenzene	11.49	105	8550	0.331	ug/l		92
81) trans-1,4-Dichloro-2-buten	11.12	75	259346	66.054	ug/l	#	12
92) 1,2-Dibromo-3-Chloropropan	12.99	75	668	0.241	ug/l	#	24
94) Hexachlorobutadiene	13.77	225	1524	0.403	ug/l		99

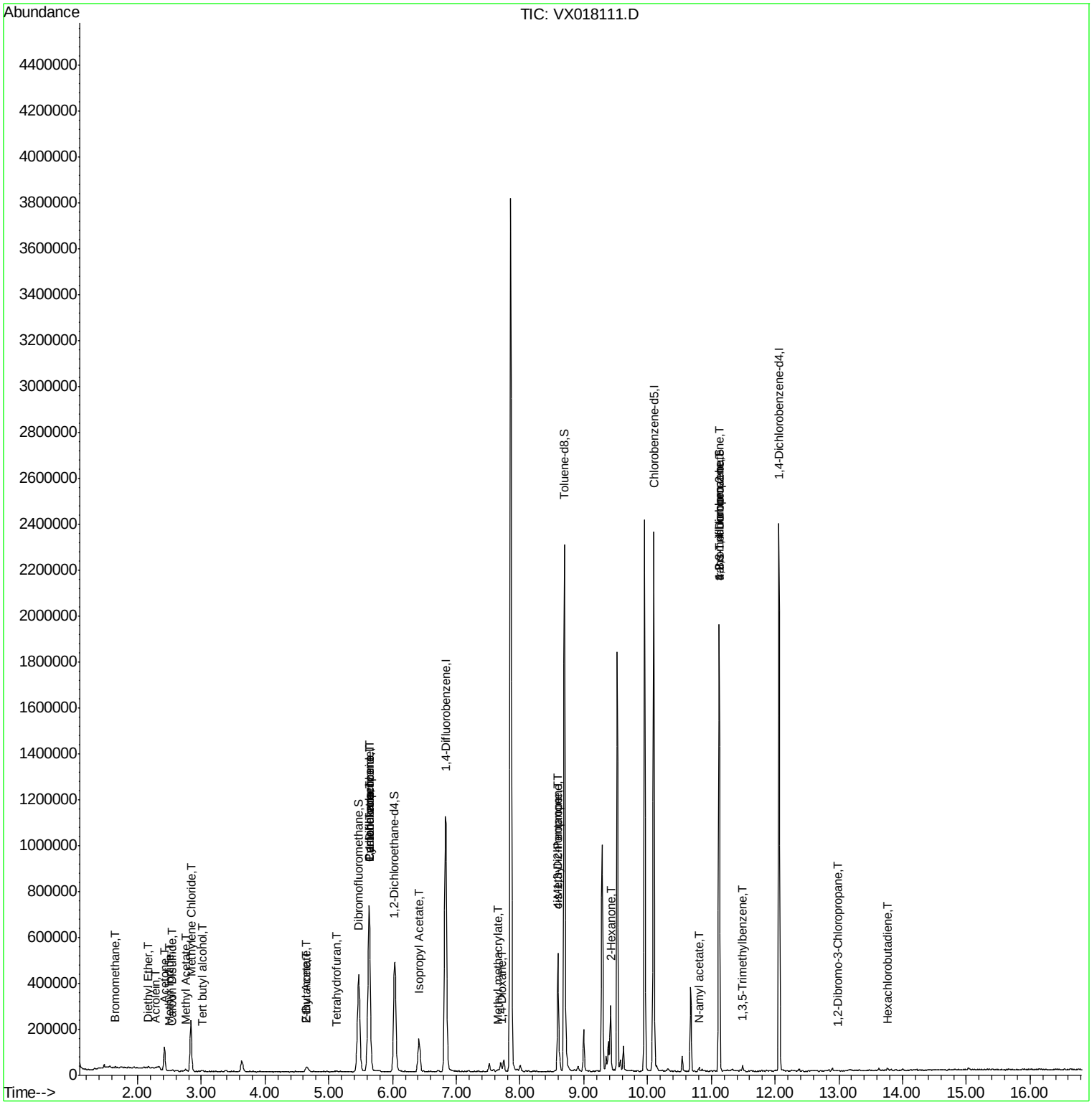
(#) = qualifier out of range (m) = manual integration (+) = signals summed

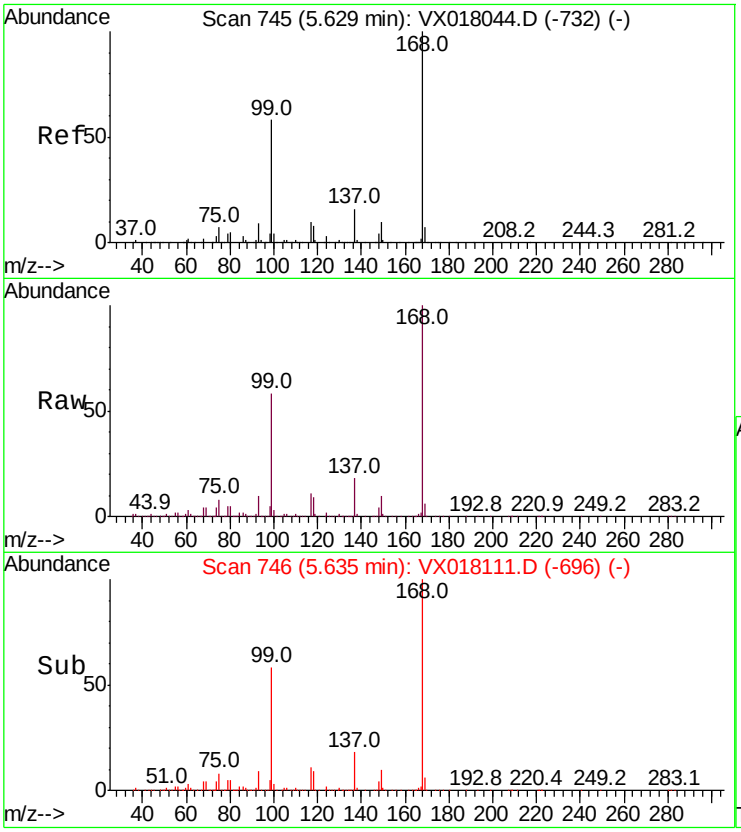
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082820\
Data File : VX018111.D
Acq On : 28 Aug 2020 11:40
Operator : JC/SP
Sample : PB131256ZHE#01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB131256ZHE#01

Quant Time: Aug 29 03:03:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration



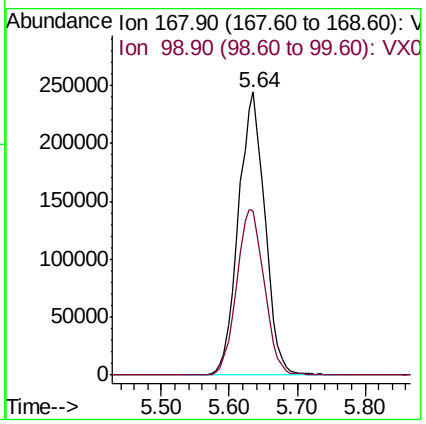


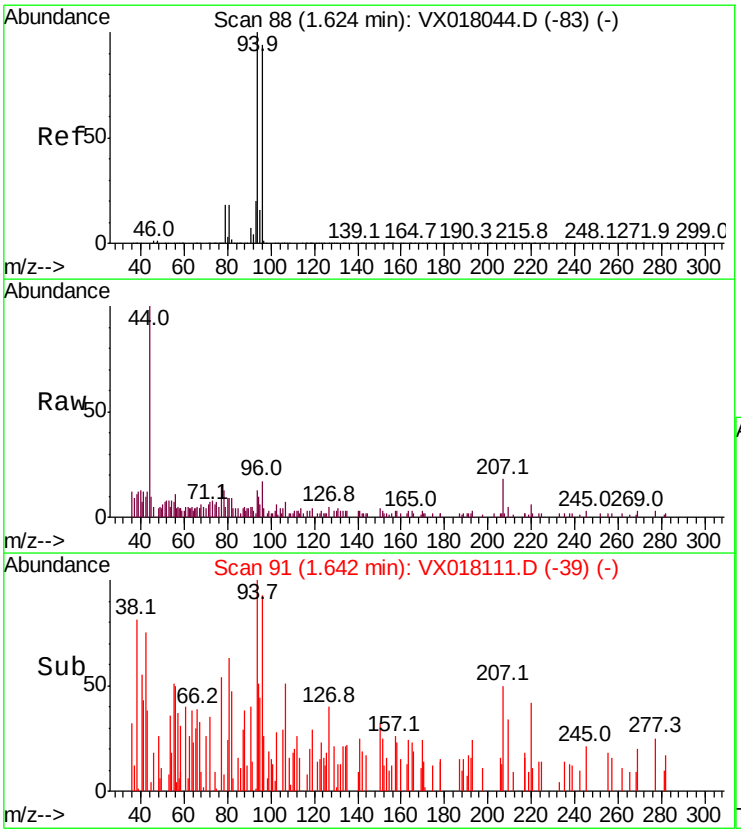
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 746
Delta R.T. 0.01 min
Lab File: VX018111.D
Acq: 28 Aug 2020 11:40

Instrument :
MSVOA_X
ClientSampleId :
PB131256ZHE#01

Tgt Ion:168 Resp: 661684

Ion	Ratio	Lower	Upper
168	100		
99	58.3	46.3	69.5

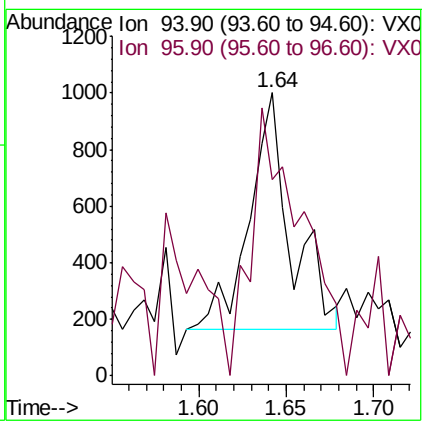


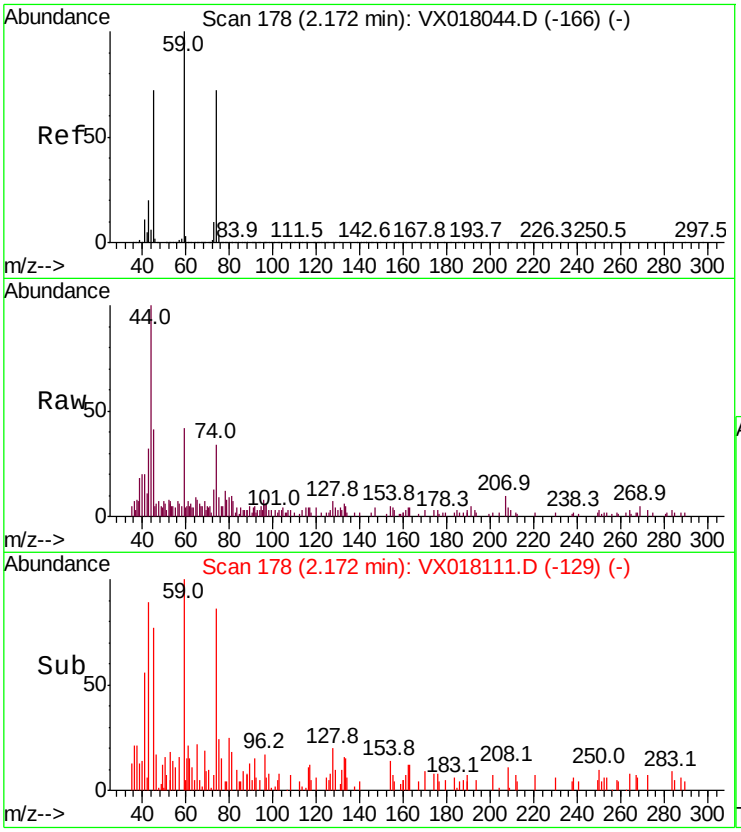


#5
Bromomethane
Concen: 0.338 ug/l
RT: 1.64 min Scan# 91
Delta R.T. 0.02 min
Lab File: VX018111.D
Acq: 28 Aug 2020 11:40

Tgt Ion: 94 Resp: 1379

Ion	Ratio	Lower	Upper
94	100		
96	52.9	74.8	112.2#



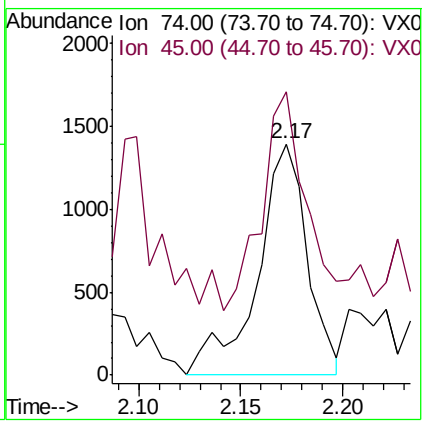


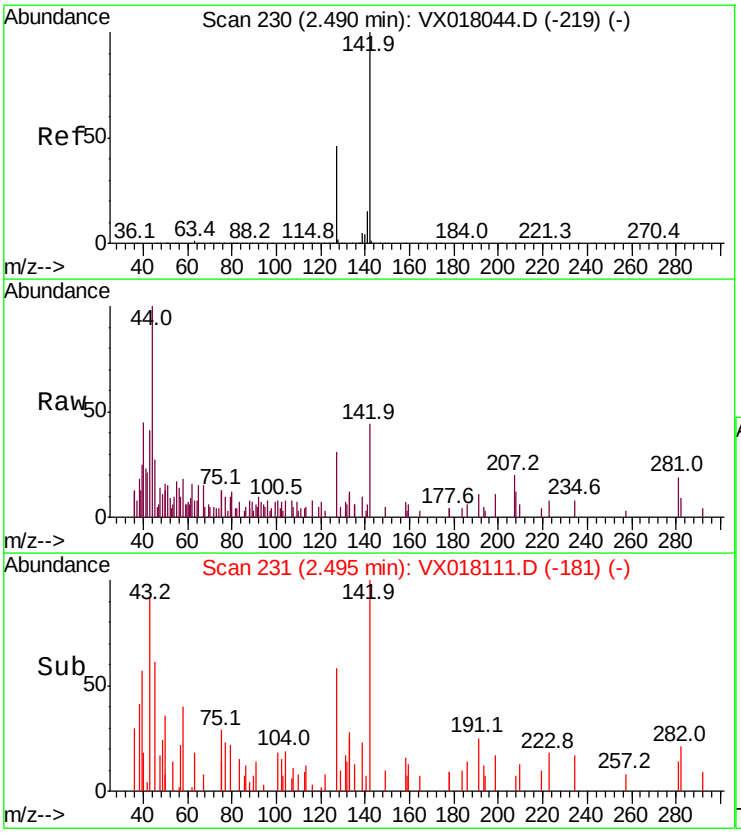
#8
Diethyl Ether
Concen: 0.608 ug/l
RT: 2.17 min Scan# 178
Delta R.T. -0.00 min
Lab File: VX018111.D
Acq: 28 Aug 2020 11:40

Instrument :
MSVOA_X
ClientSampleId :
PB131256ZHE#01

Tgt Ion: 74 Resp: 2378

Ion	Ratio	Lower	Upper
74	100		
45	92.9	50.7	152.3

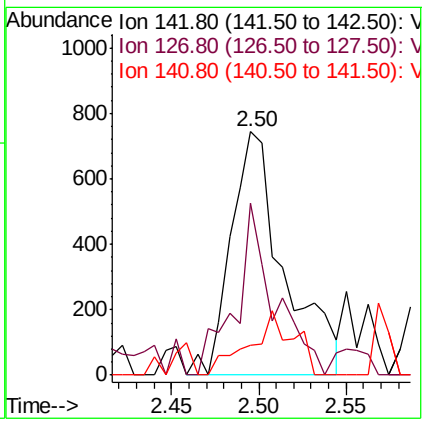


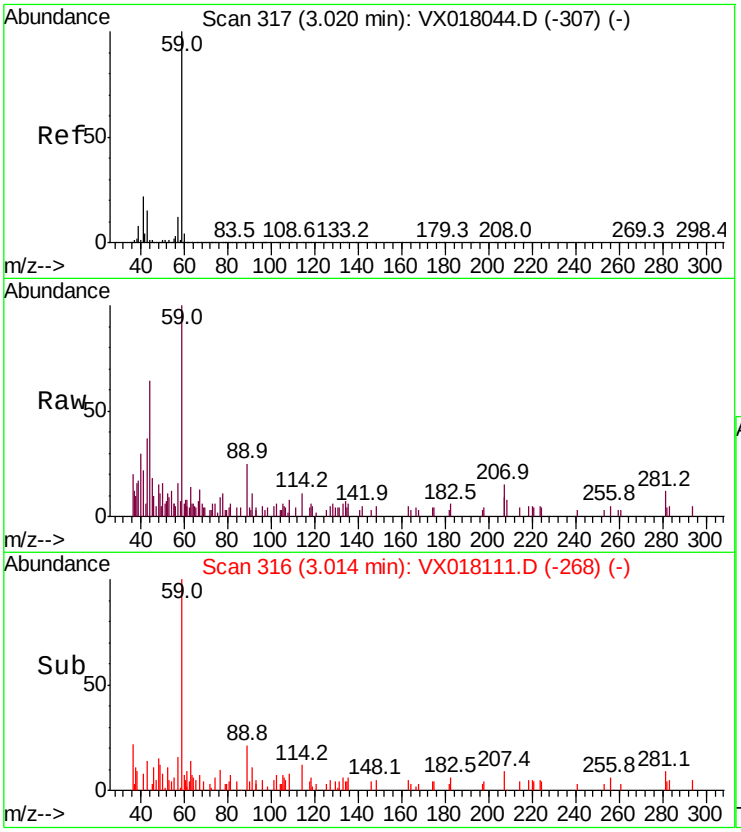


#10
Methyl Iodide
Concen: 5.497 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX018111.D
Acq: 28 Aug 2020 11:40

Tgt Ion:142 Resp: 1570

Ion	Ratio	Lower	Upper
142	100		
127	51.7	37.0	55.6
141	21.8	11.5	17.3#



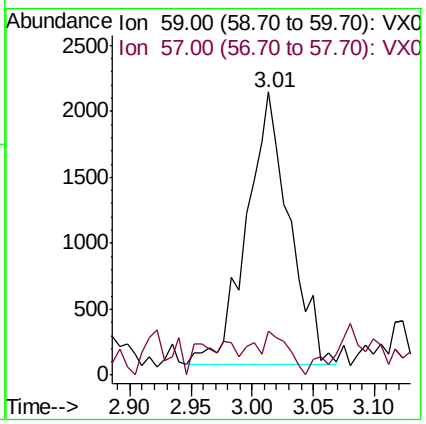


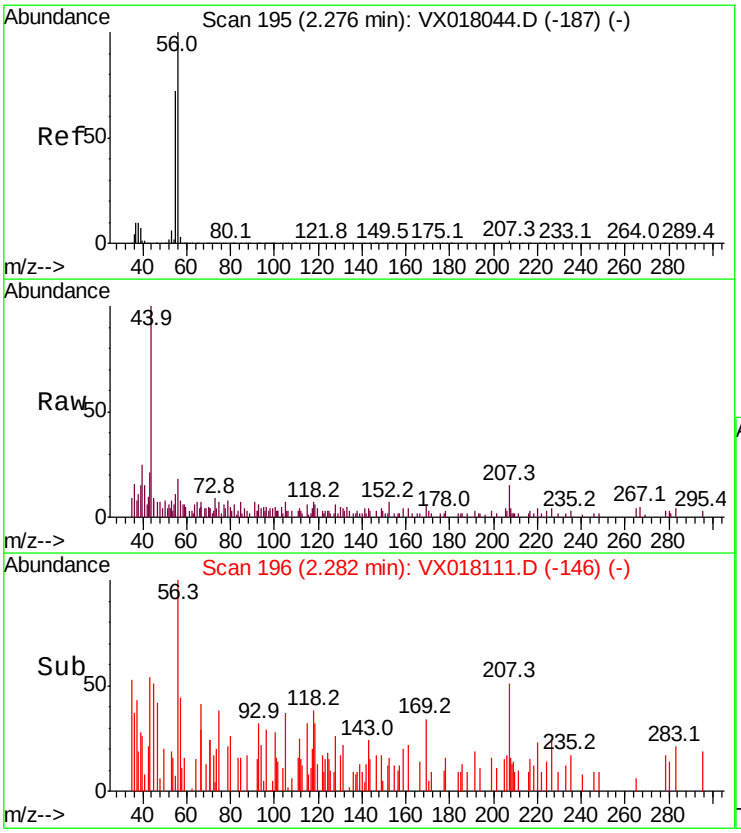
#11
Tert butyl alcohol
Concen: 2.807 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018111.D
Acq: 28 Aug 2020 11:40

Instrument :
MSVOA_X
ClientSampleId :
PB131256ZHE#01

Tgt Ion: 59 Resp: 5013

Ion	Ratio	Lower	Upper
59	100		
57	11.2	8.9	13.3

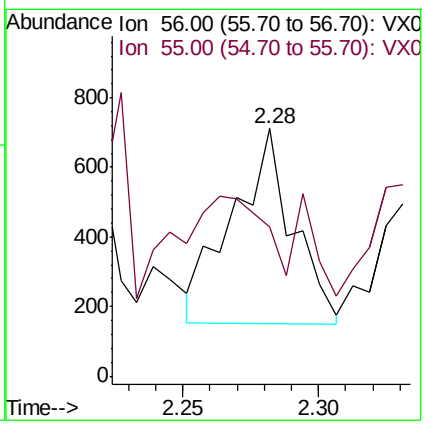


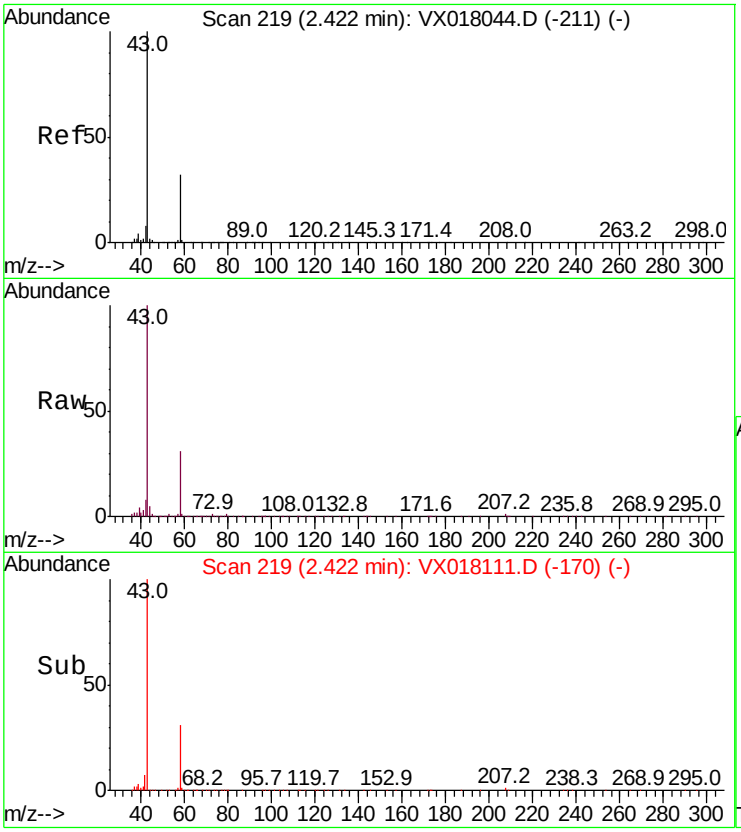


#13
Acrolein
Concen: 1.159 ug/l
RT: 2.28 min Scan# 196
Delta R.T. 0.01 min
Lab File: VX018111.D
Acq: 28 Aug 2020 11:40

Tgt Ion: 56 Resp: 858

Ion	Ratio	Lower	Upper
56	100		
55	124.1	57.0	85.6#



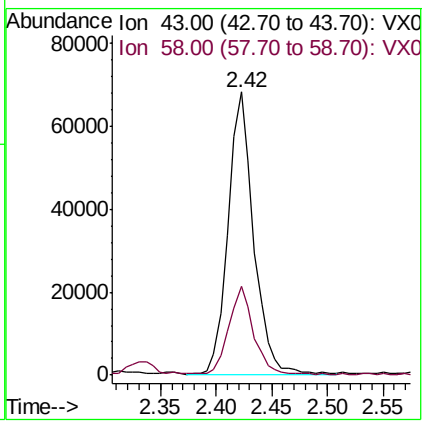


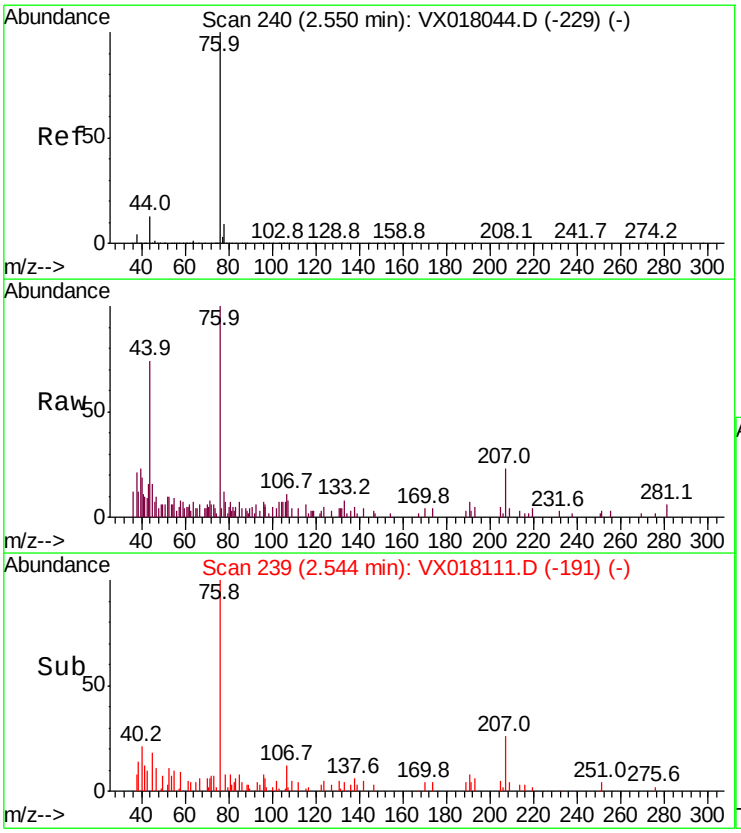
#16
Acetone
Concen: 30.191 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX018111.D
Acq: 28 Aug 2020 11:40

Instrument :
MSVOA_X
ClientSampleId :
PB131256ZHE#01

Tgt Ion: 43 Resp: 108066

Ion	Ratio	Lower	Upper
43	100		
58	31.2	25.5	38.3

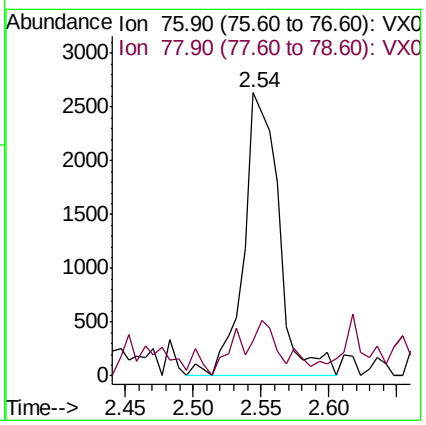


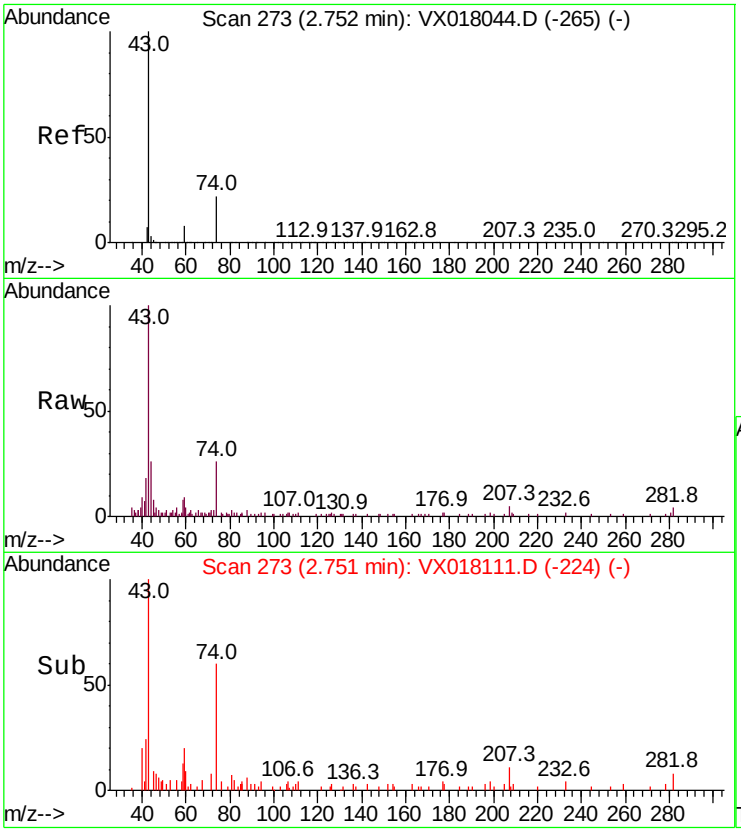


#17
Carbon Disulfide
Concen: 0.244 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX018111.D
Acq: 28 Aug 2020 11:40

Tgt Ion: 76 Resp: 4775

Ion	Ratio	Lower	Upper
76	100		
78	10.2	7.4	11.0



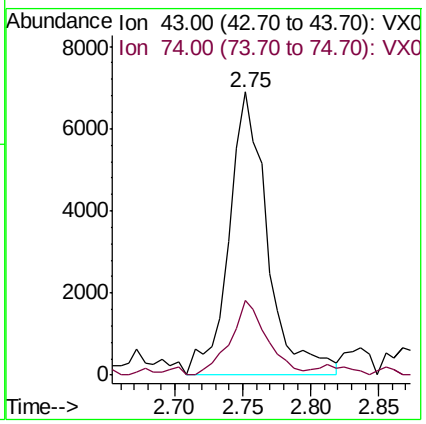


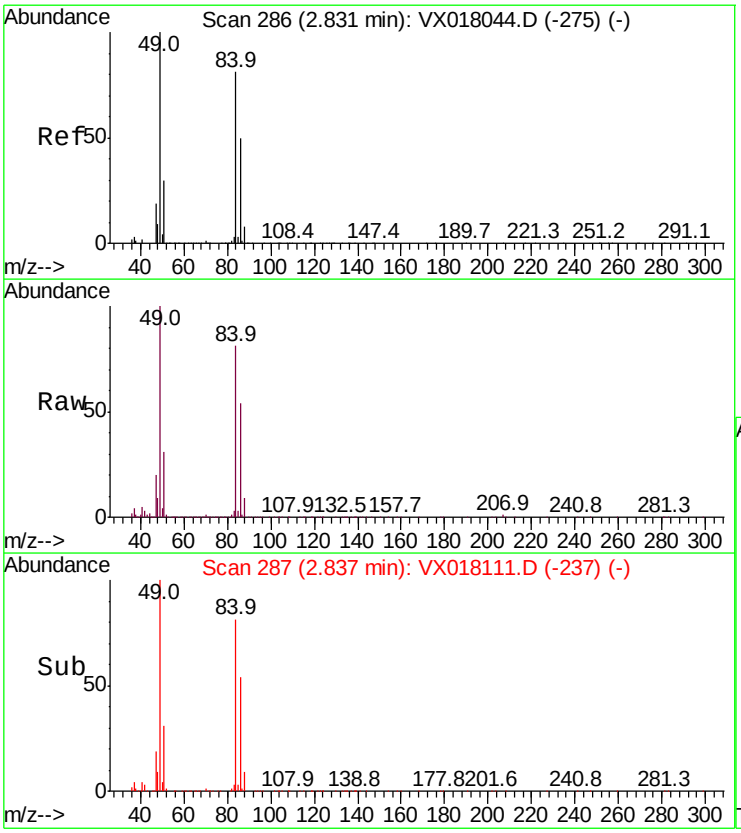
#18
Methyl Acetate
Concen: 1.579 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018111.D
Acq: 28 Aug 2020 11:40

Instrument : MSVOA_X
ClientSampleId : PB131256ZHE#01

Tgt Ion: 43 Resp: 13641

Ion	Ratio	Lower	Upper
43	100		
74	24.9	18.2	27.4

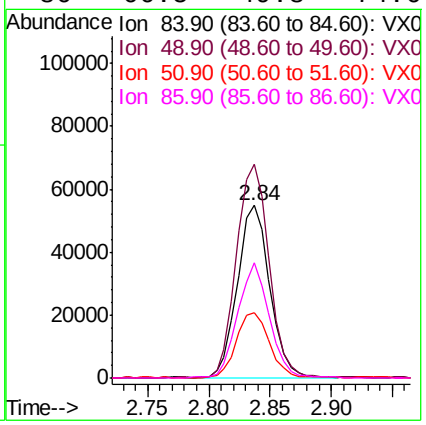


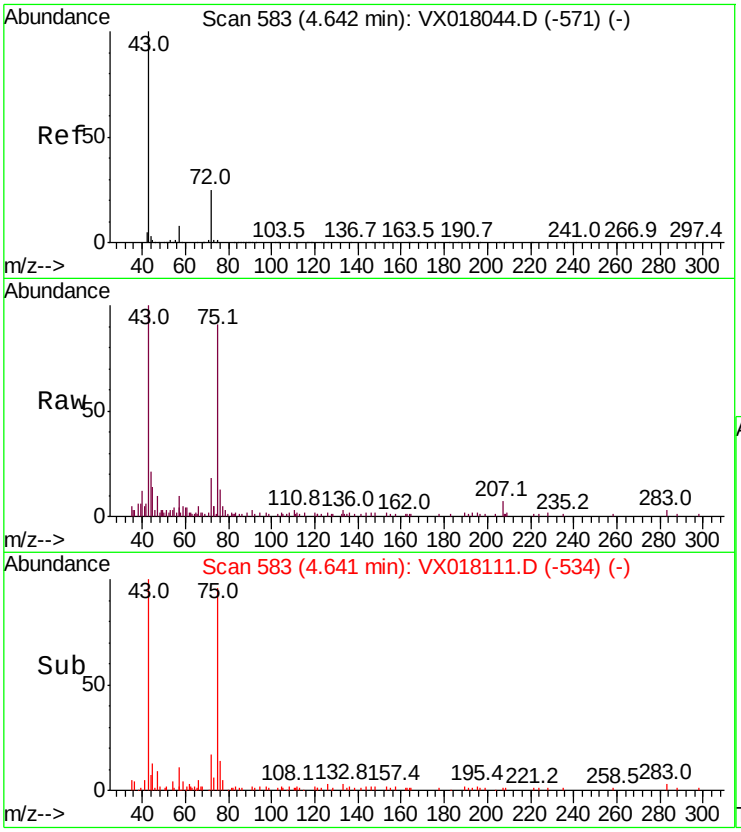


#20
Methylene Chloride
Concen: 12.958 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018111.D
Acq: 28 Aug 2020 11:40

Tgt Ion: 84 Resp: 101170

Ion	Ratio	Lower	Upper
84	100		
49	123.0	98.6	148.0
51	37.9	29.6	44.4
86	66.5	49.8	74.6



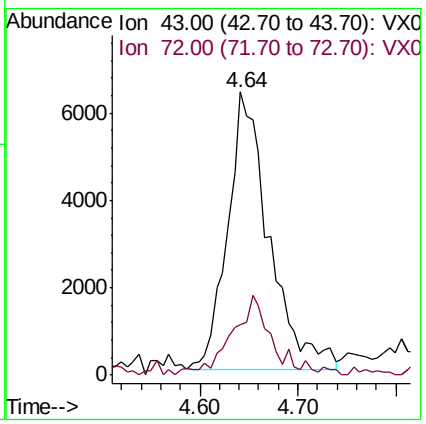


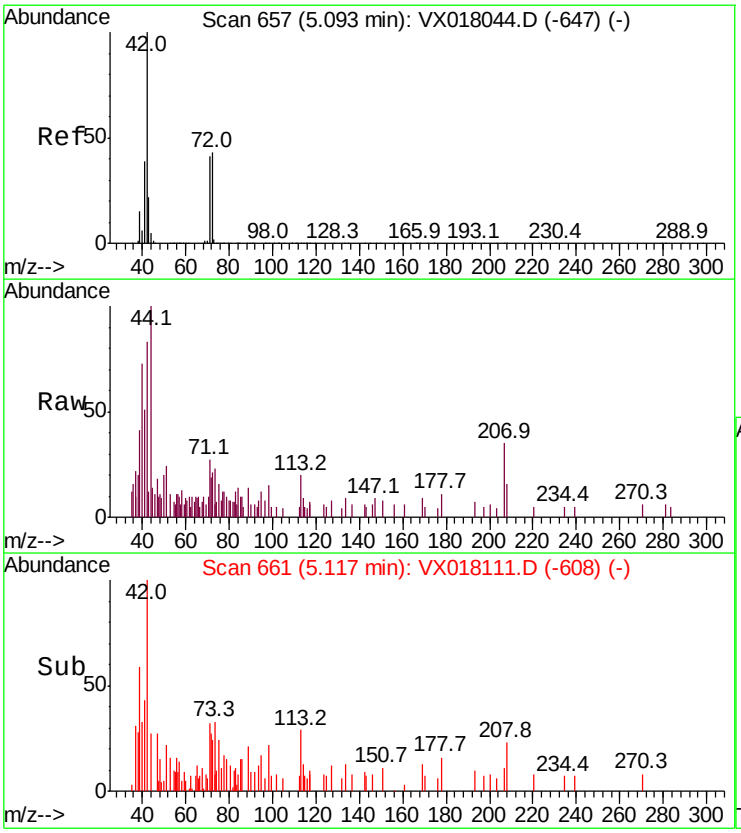
#25
2-Butanone
Concen: 3.175 ug/l
RT: 4.64 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX018111.D
Acq: 28 Aug 2020 11:40

Instrument :
MSVOA_X
ClientSampleId :
PB131256ZHE#01

Tgt Ion: 43 Resp: 18680

Ion	Ratio	Lower	Upper
43	100		
72	16.5	19.8	29.6#

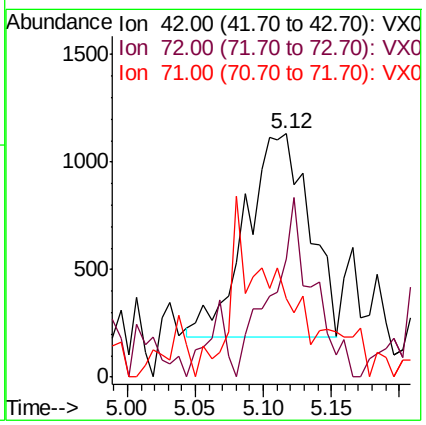


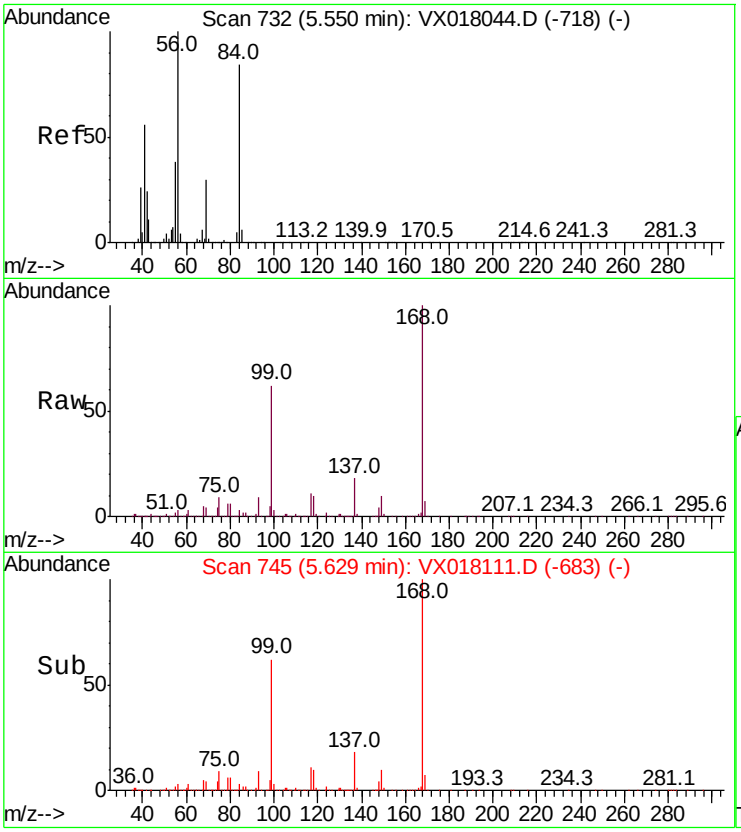


#29
Tetrahydrofuran
Concen: 0.817 ug/l
RT: 5.12 min Scan# 661
Delta R.T. 0.02 min
Lab File: VX018111.D
Acq: 28 Aug 2020 11:40

Tgt Ion: 42 Resp: 3059

Ion	Ratio	Lower	Upper
42	100		
72	56.9	34.2	51.4#
71	0.0	32.1	48.1#



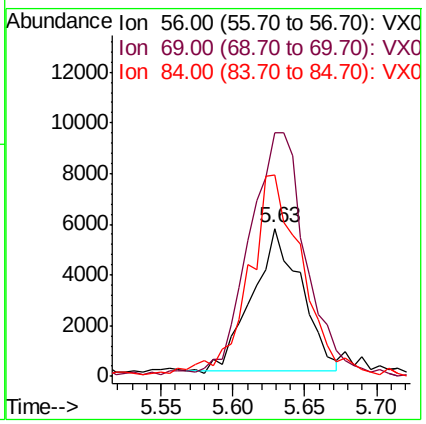


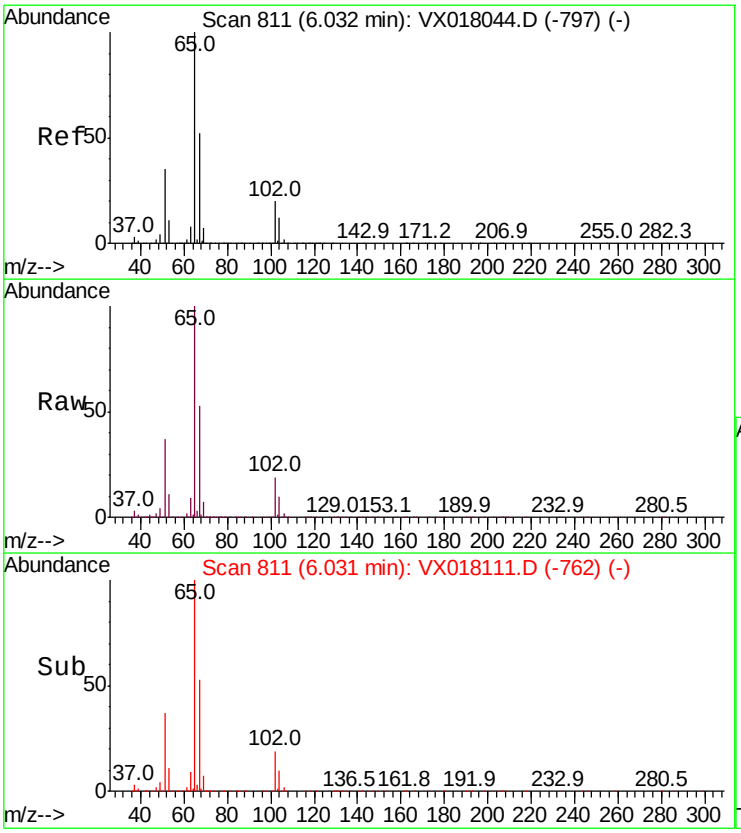
#31
Cyclohexane
Concen: 1.198 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX018111.D
Acq: 28 Aug 2020 11:40

Instrument :
MSVOA_X
ClientSampleId :
PB131256ZHE#01

Tgt Ion: 56 Resp: 13177

Ion	Ratio	Lower	Upper
56	100		
69	167.4	23.9	35.9#
84	136.0	67.0	100.4#

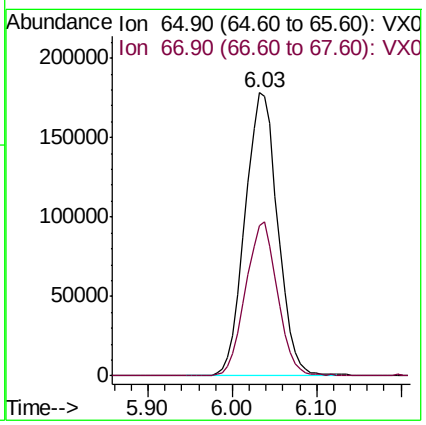


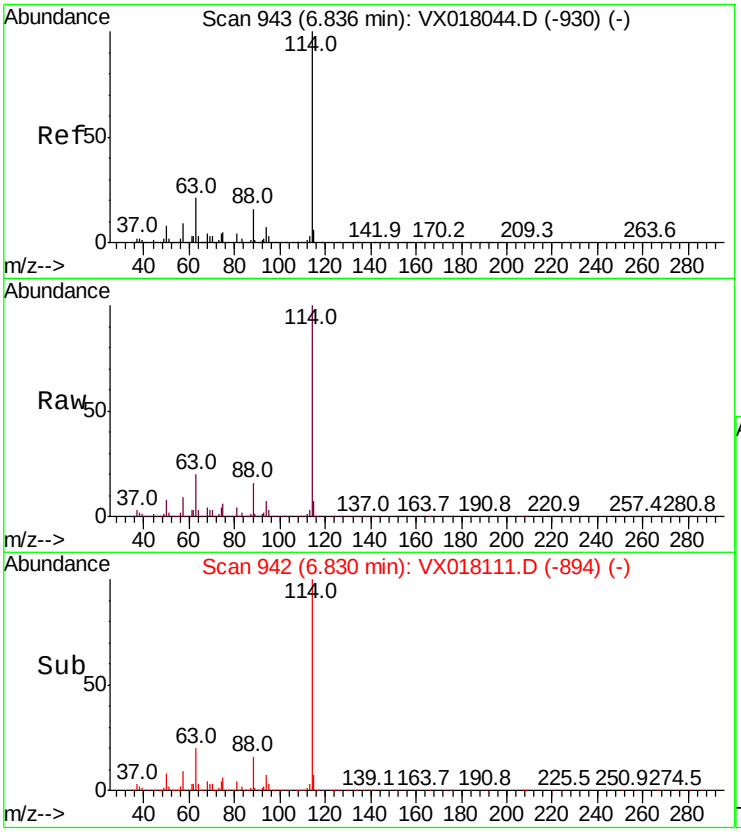


#33
1,2-Dichloroethane-d4
Concen: 51.200 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX018111.D
Acq: 28 Aug 2020 11:40

Tgt Ion: 65 Resp: 470317

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.8



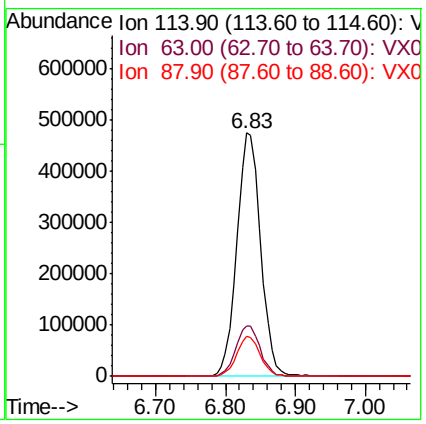


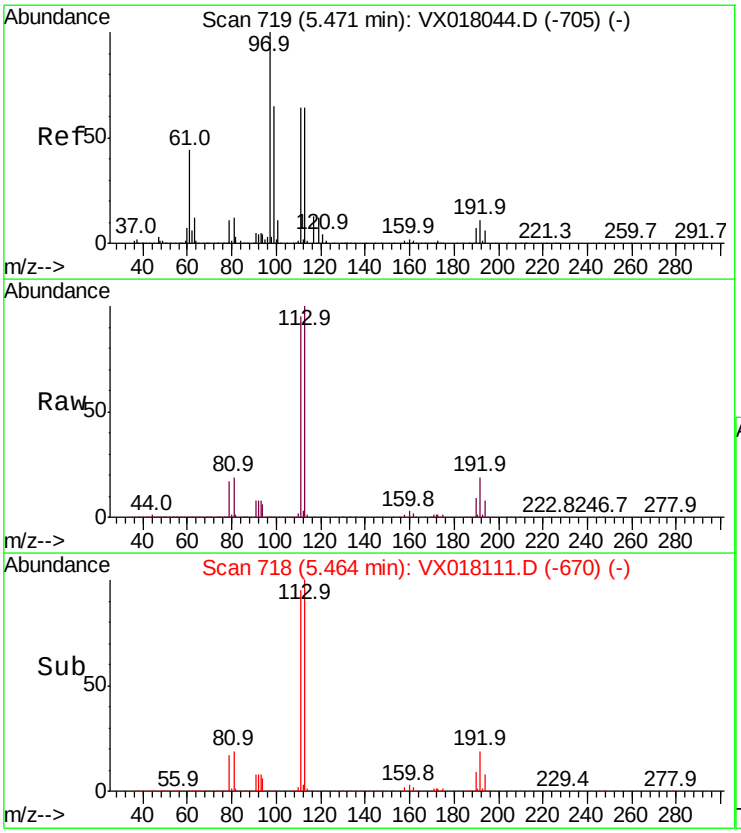
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.01 min
Lab File: VX018111.D
Acq: 28 Aug 2020 11:40

Instrument :
MSVOA_X
ClientSampleId :
PB131256ZHE#01

Tgt Ion:114 Resp: 1118402

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.6
88	16.3	0.0	31.8

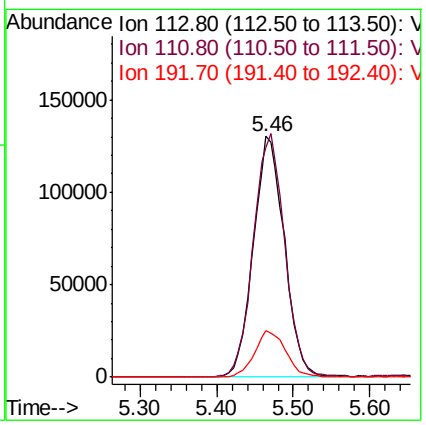


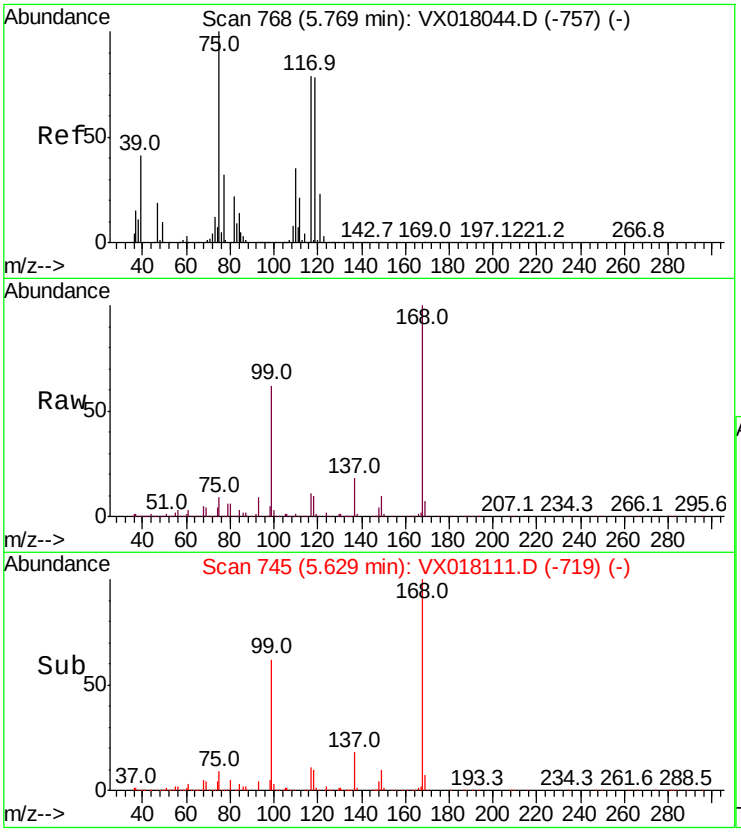


#35
Dibromofluoromethane
Concen: 48.376 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018111.D
Acq: 28 Aug 2020 11:40

Tgt Ion:113 Resp: 368470

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.6	122.4
192	19.3	15.8	23.8



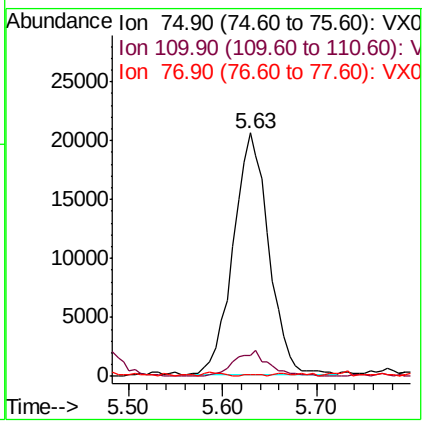


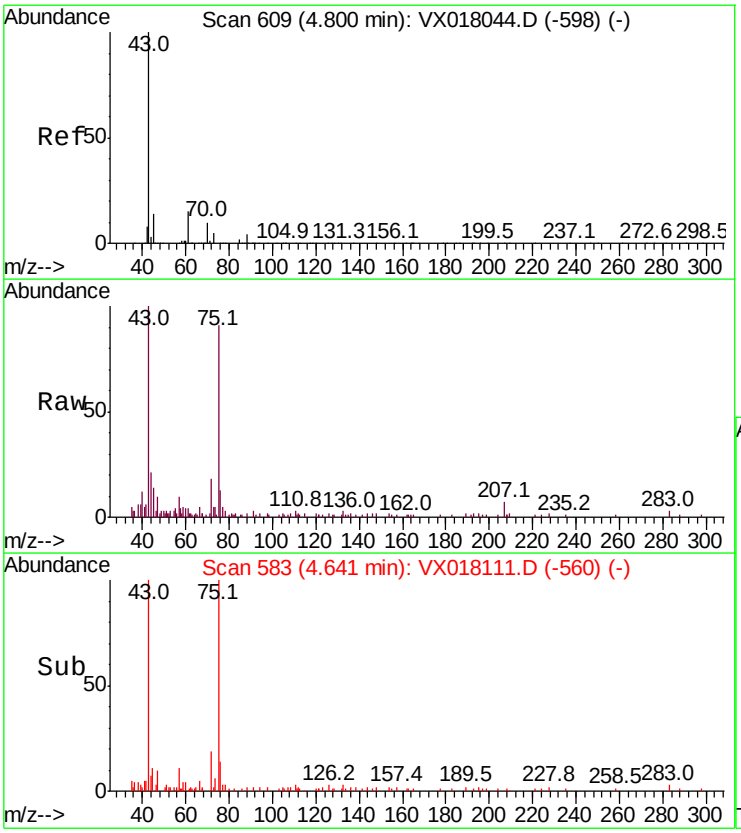
#36
1,1-Dichloropropene
Concen: 5.198 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX018111.D
Acq: 28 Aug 2020 11:40

Instrument : MSVOA_X
ClientSampleId : PB131256ZHE#01

Tgt Ion: 75 Resp: 53618

Ion	Ratio	Lower	Upper
75	100		
110	10.4	18.0	54.0#
77	0.5	24.4	36.6#

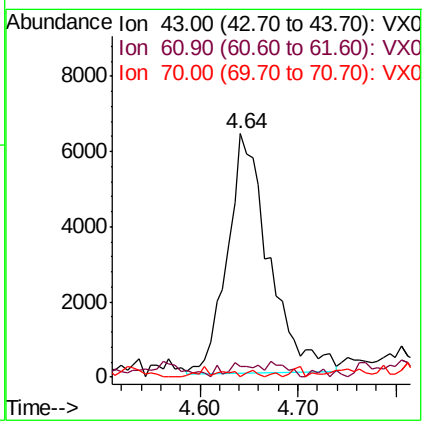


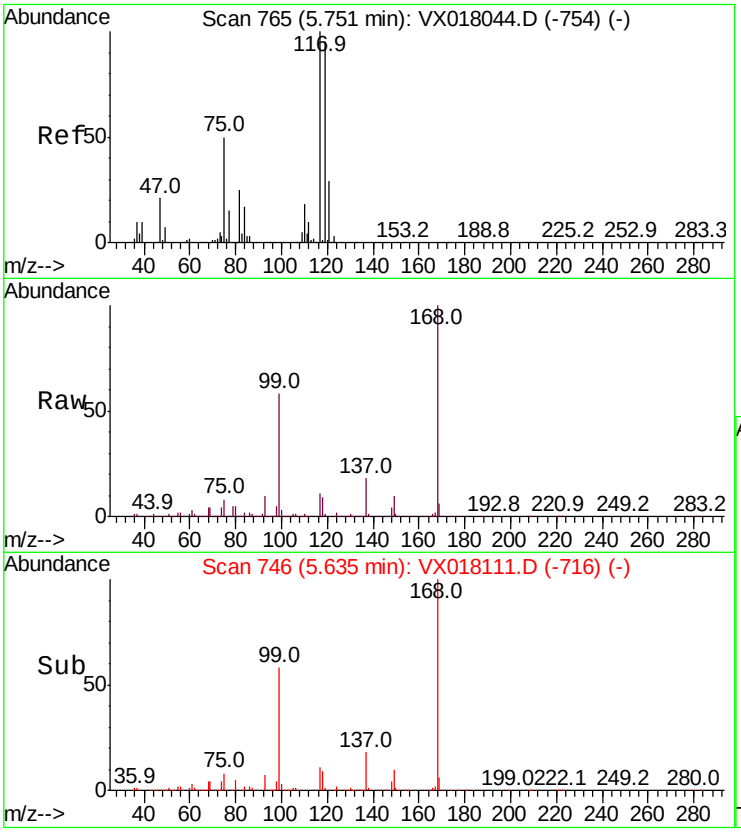


#37
Ethyl Acetate
Concen: 1.578 ug/l
RT: 4.64 min Scan# 583
Delta R.T. -0.16 min
Lab File: VX018111.D
Acq: 28 Aug 2020 11:40

Tgt Ion: 43 Resp: 18908

Ion	Ratio	Lower	Upper
43	100		
61	3.3	11.3	16.9#
70	0.8	8.2	12.4#



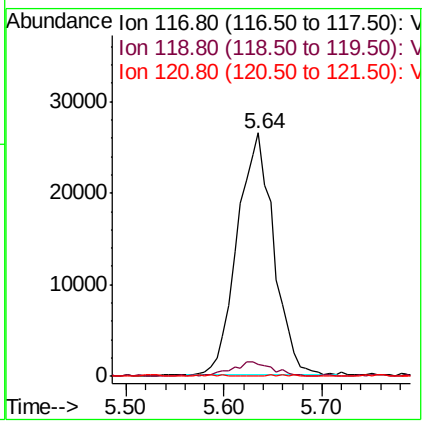


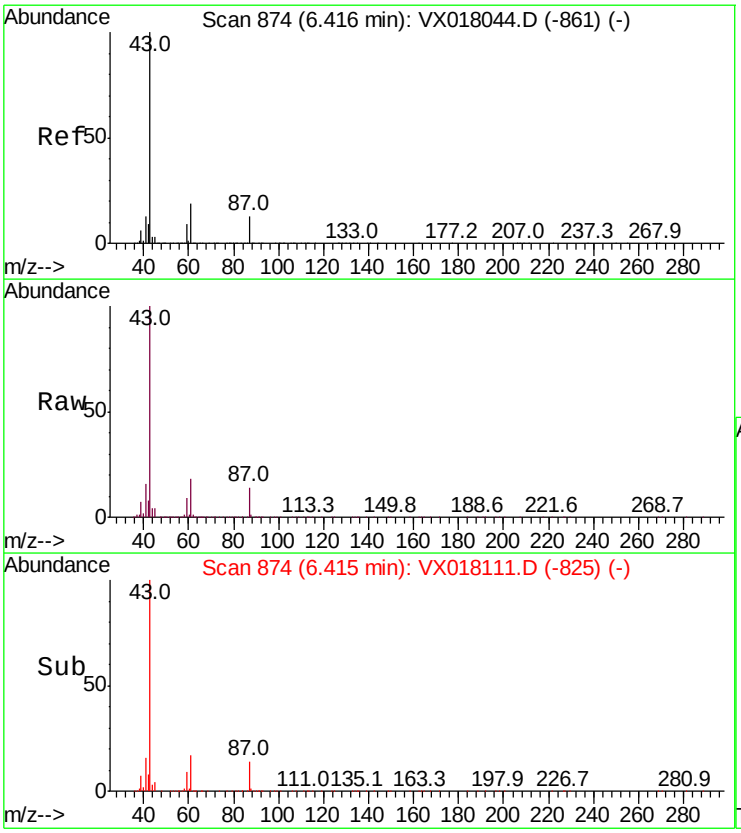
#38
Carbon Tetrachloride
Concen: 5.898 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX018111.D
Acq: 28 Aug 2020 11:40

Instrument :
MSVOA_X
ClientSampleId :
PB131256ZHE#01

Tgt Ion:117 Resp: 68570

Ion	Ratio	Lower	Upper
117	100		
119	4.5	75.8	113.6#
121	0.3	23.4	35.0#

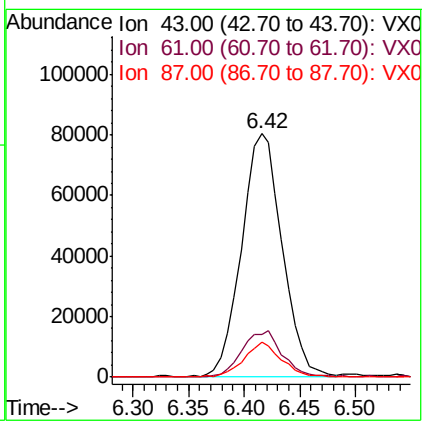


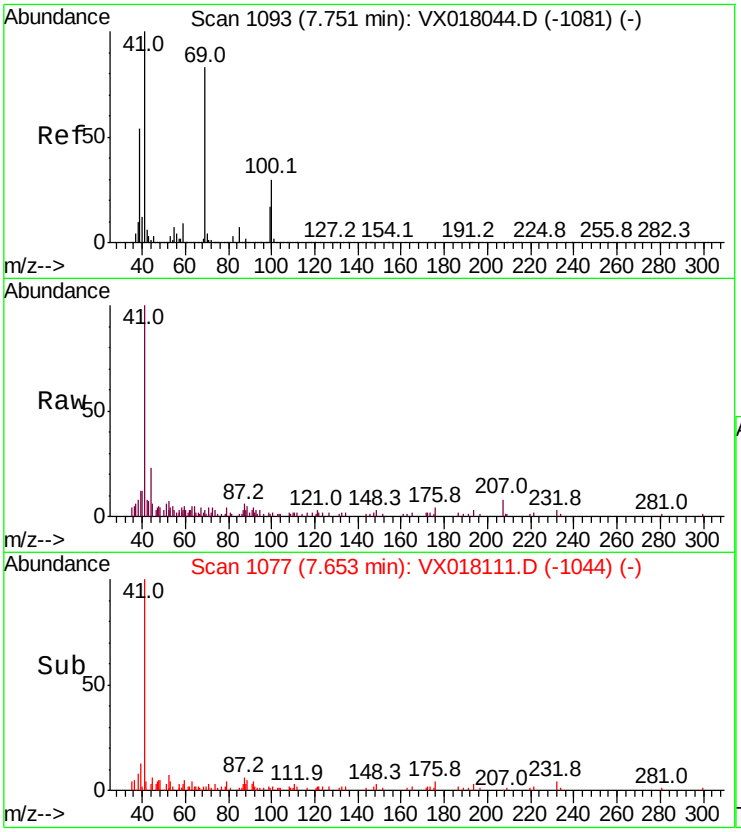


#43
Isopropyl Acetate
Concen: 10.492 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX018111.D
Acq: 28 Aug 2020 11:40

Tgt Ion: 43 Resp: 203034

Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.7	23.5
87	13.3	10.3	15.5



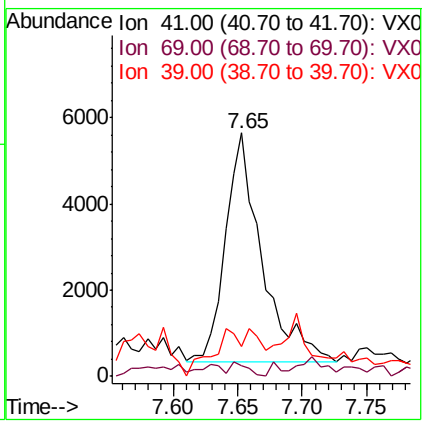


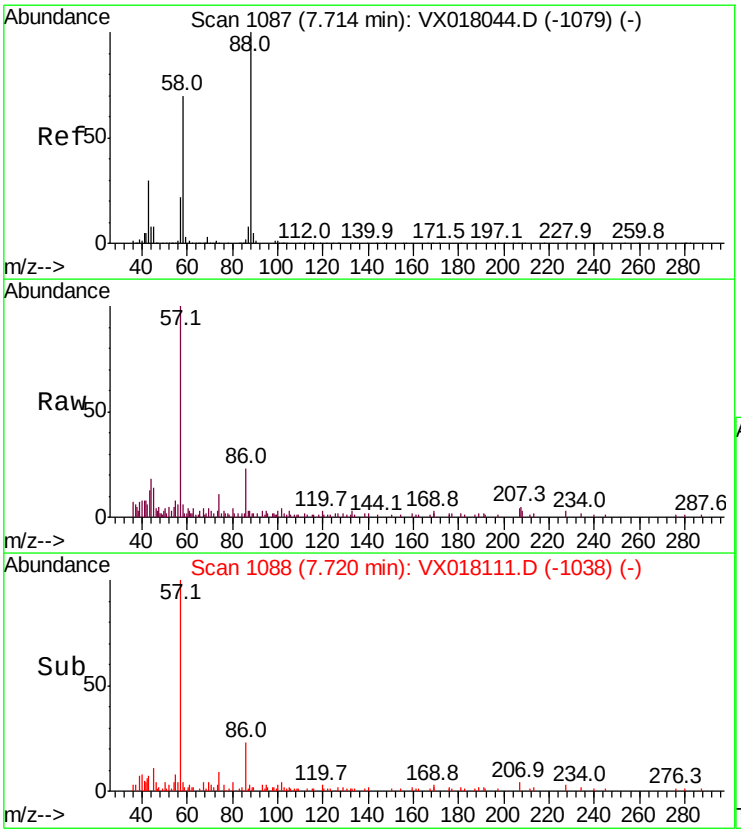
#48
Methyl methacrylate
Concen: 1.087 ug/l
RT: 7.65 min Scan# 1077
Delta R.T. -0.10 min
Lab File: VX018111.D
Acq: 28 Aug 2020 11:40

Instrument :
MSVOA_X
ClientSampleId :
PB131256ZHE#01

Tgt Ion: 41 Resp: 10471

Ion	Ratio	Lower	Upper
41	100		
69	2.8	65.5	98.3#
39	0.0	44.5	66.7#

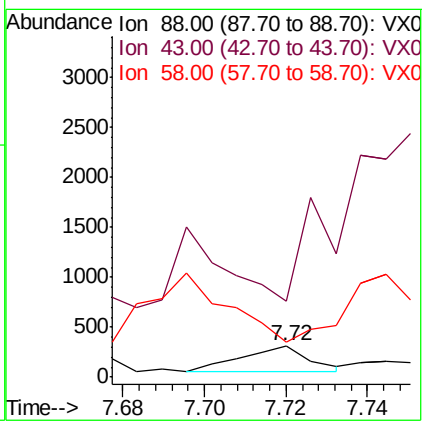


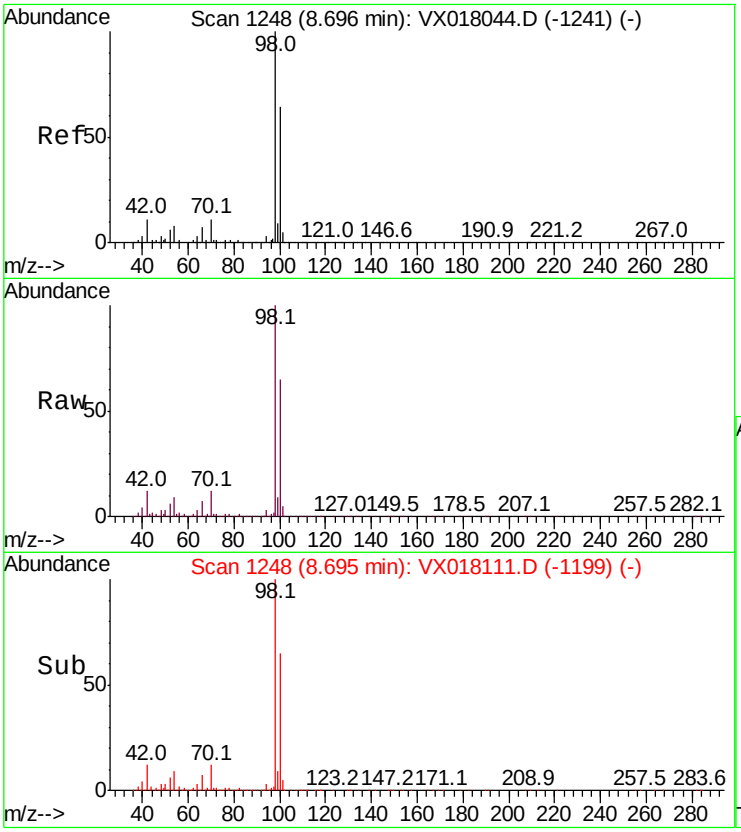


#49
1,4-Dioxane
Concen: 1.713 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX018111.D
Acq: 28 Aug 2020 11:40

Tgt Ion: 88 Resp: 299

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.4	41.0#
58	0.0	56.4	84.6#



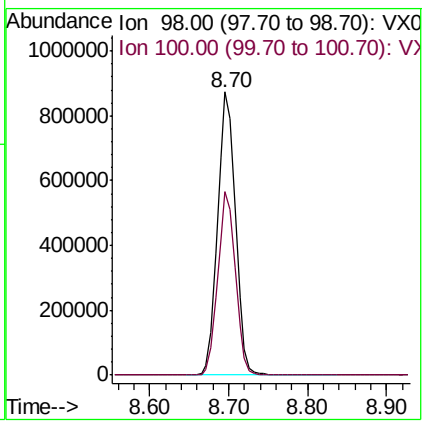


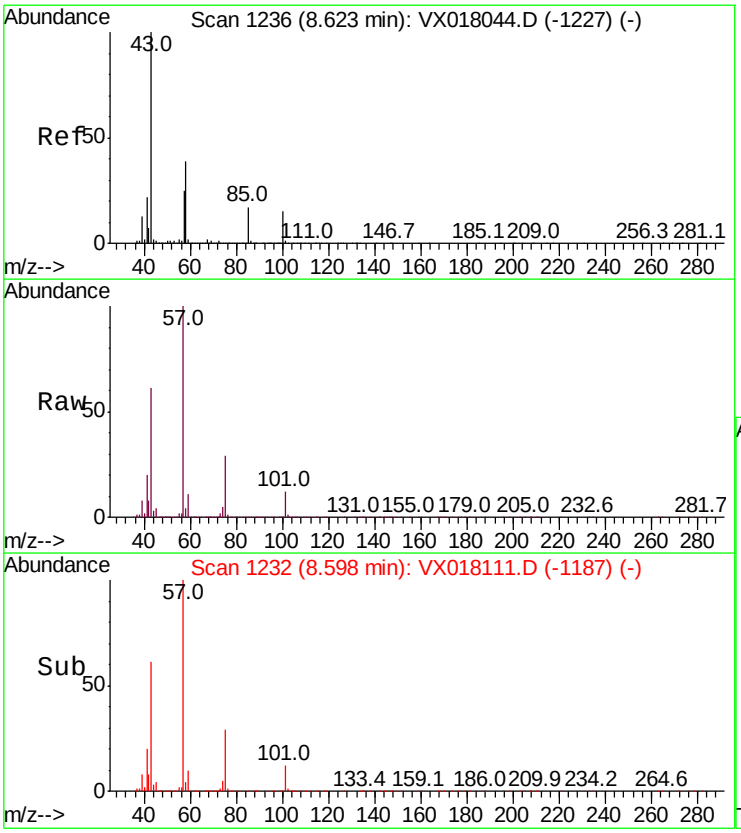
#50
Toluene-d8
Concen: 48.712 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018111.D
Acq: 28 Aug 2020 11:40

Instrument :
MSVOA_X
ClientSampleId :
PB131256ZHE#01

Tgt Ion: 98 Resp: 1381928

Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.2	78.4

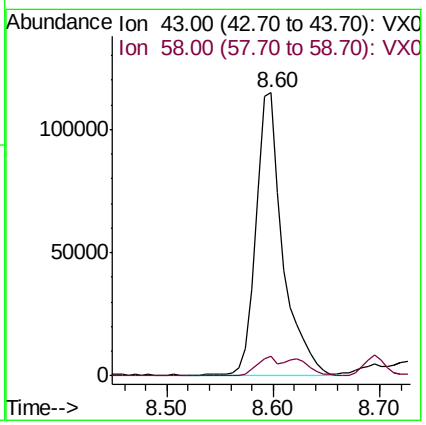


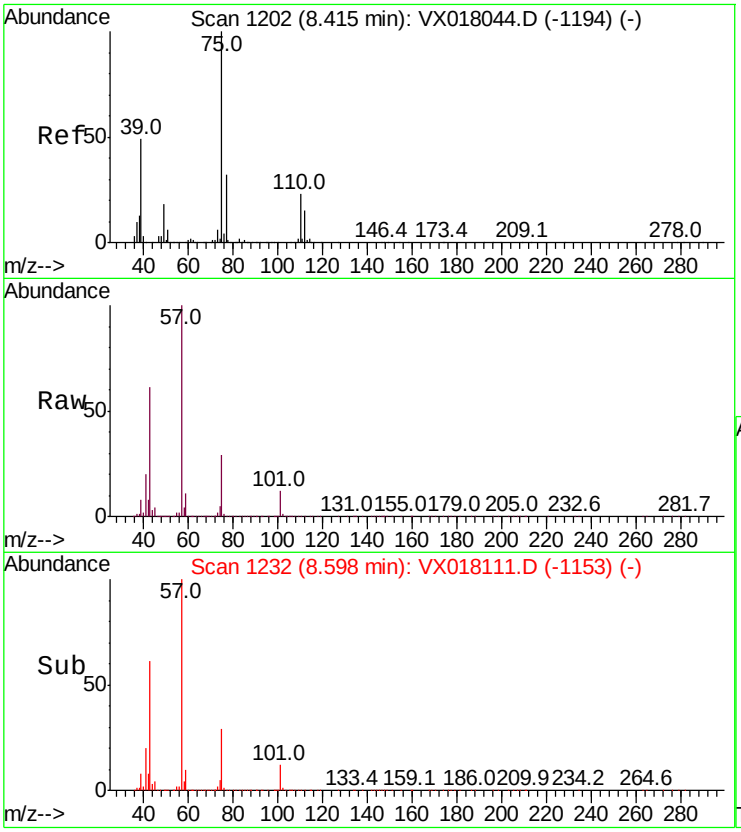


#51
4-Methyl-2-Pentanone
Concen: 16.830 ug/l
RT: 8.60 min Scan# 1232
Delta R.T. -0.02 min
Lab File: VX018111.D
Acq: 28 Aug 2020 11:40

Tgt Ion: 43 Resp: 201180

Ion	Ratio	Lower	Upper
43	100		
58	6.1	30.7	46.1#



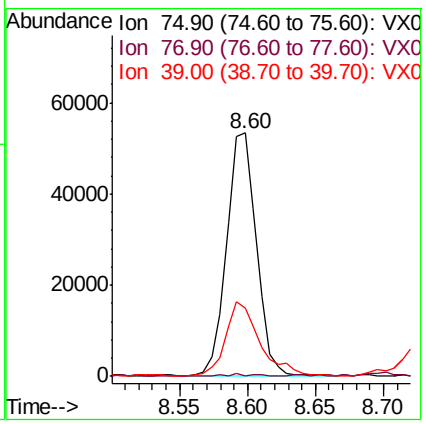


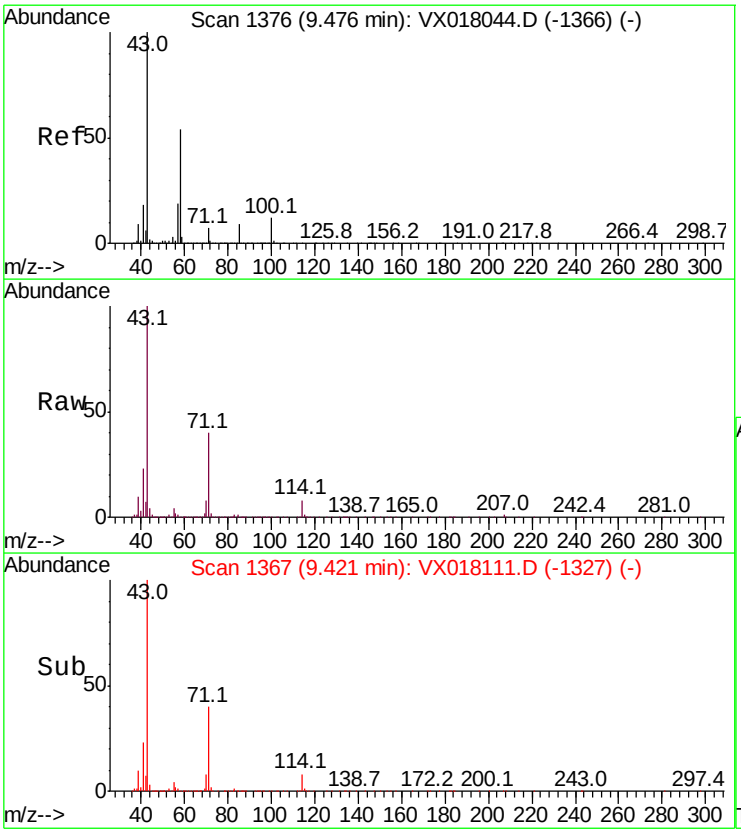
#54
cis-1,3-Dichloropropene
Concen: 5.972 ug/l
RT: 8.60 min Scan# 1232
Delta R.T. 0.18 min
Lab File: VX018111.D
Acq: 28 Aug 2020 11:40

Instrument : MSVOA_X
ClientSampleId : PB131256ZHE#01

Tgt Ion: 75 Resp: 80432

Ion	Ratio	Lower	Upper
75	100		
77	0.1	25.8	38.8#
39	28.1	38.8	58.2#

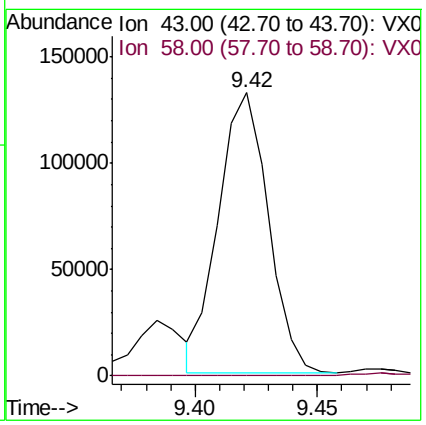


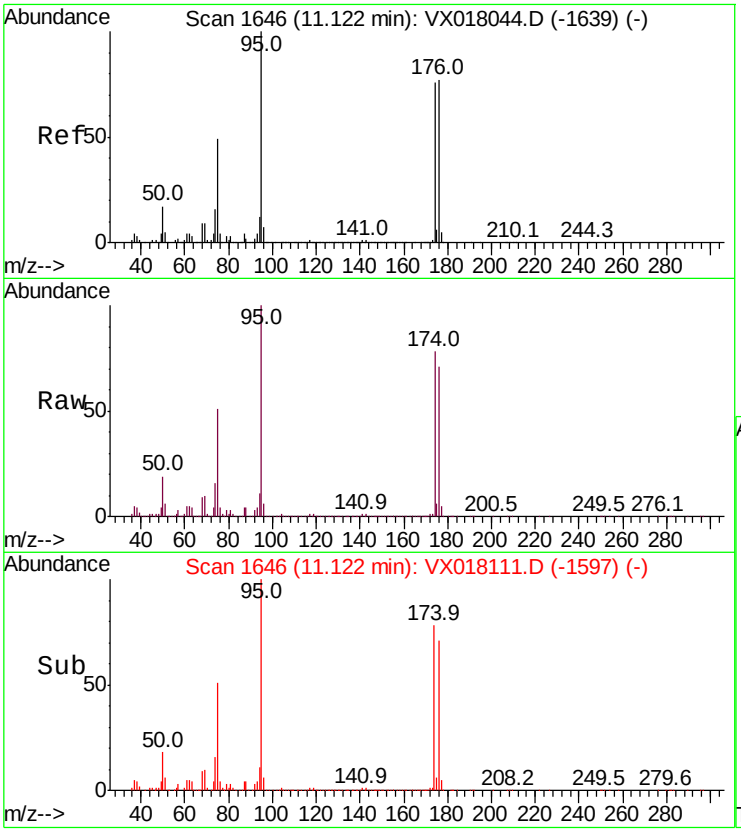


#59
2-Hexanone
Concen: 20.575 ug/l
RT: 9.42 min Scan# 1367
Delta R.T. -0.06 min
Lab File: VX018111.D
Acq: 28 Aug 2020 11:40

Tgt Ion: 43 Resp: 187015

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.6	79.7#



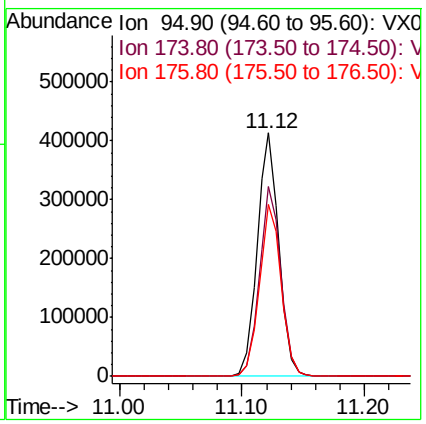


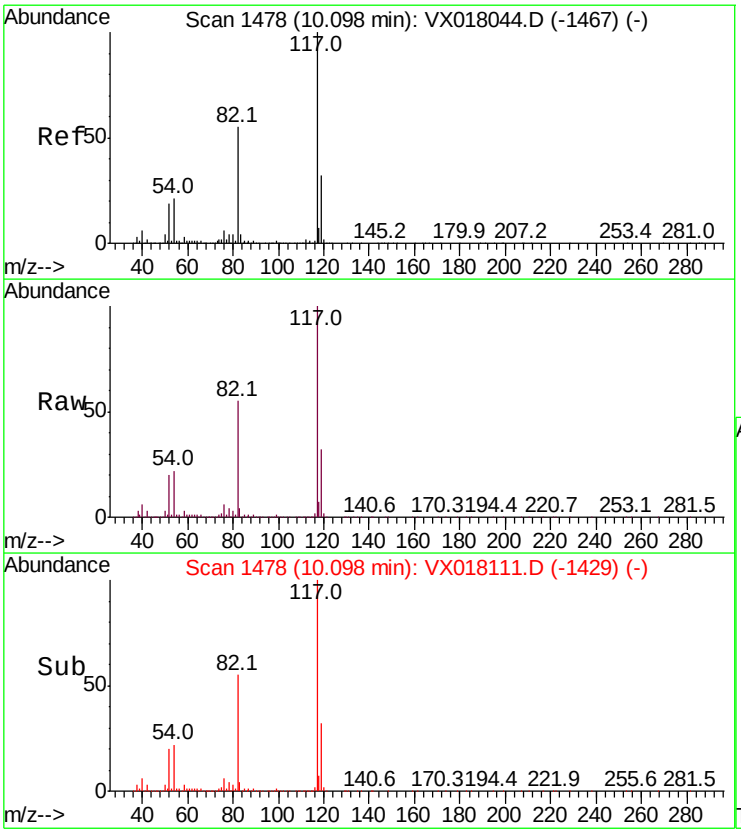
#62
4-Bromofluorobenzene
Concen: 45.608 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018111.D
Acq: 28 Aug 2020 11:40

Instrument :
MSVOA_X
ClientSampleId :
PB131256ZHE#01

Tgt Ion: 95 Resp: 509067

Ion	Ratio	Lower	Upper
95	100		
174	77.6	0.0	160.2
176	71.3	0.0	155.8

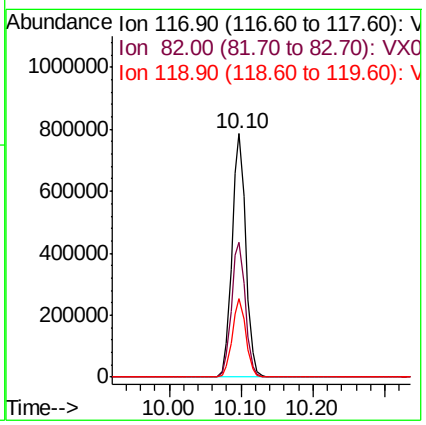


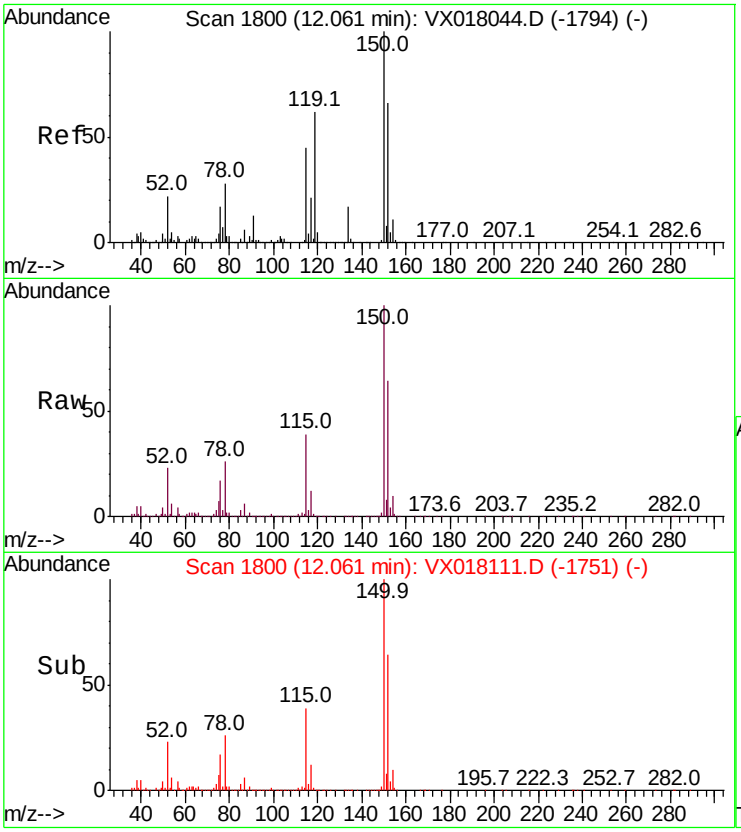


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018111.D
Acq: 28 Aug 2020 11:40

Tgt Ion:117 Resp: 1049999

Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.2	66.2
119	32.2	25.7	38.5



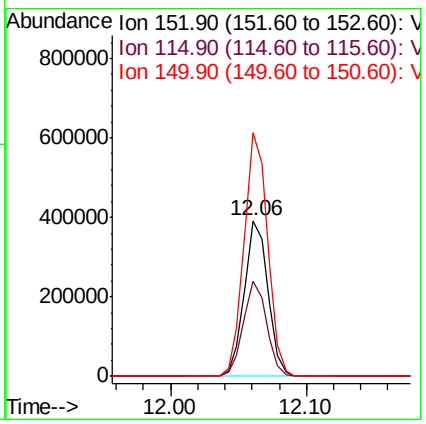


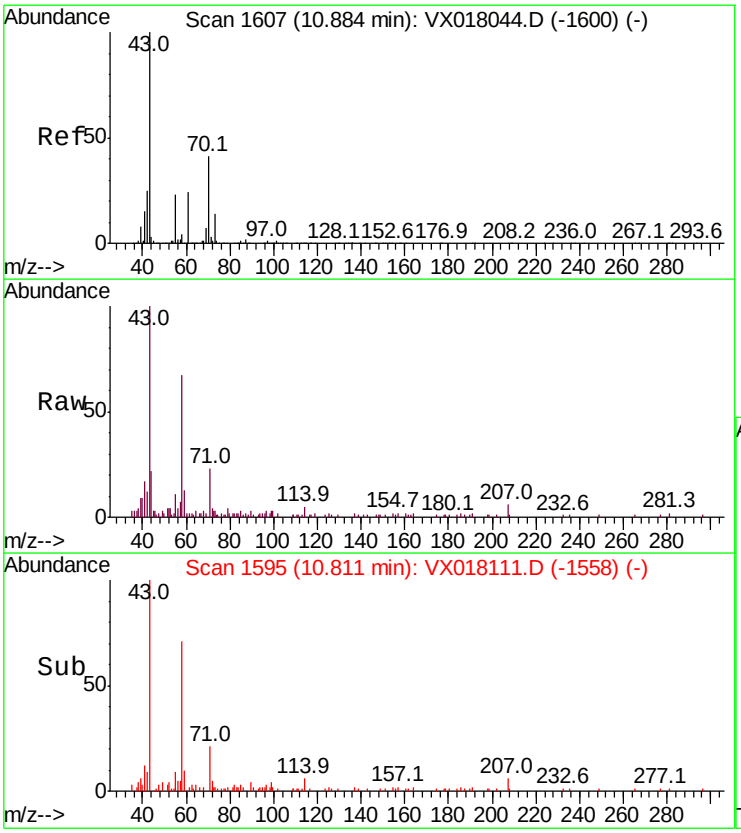
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018111.D
Acq: 28 Aug 2020 11:40

Instrument : MSVOA_X
ClientSampleId : PB131256ZHE#01

Tgt Ion:152 Resp: 476695

Ion	Ratio	Lower	Upper
152	100		
115	60.1	41.5	124.5
150	157.0	0.0	343.8

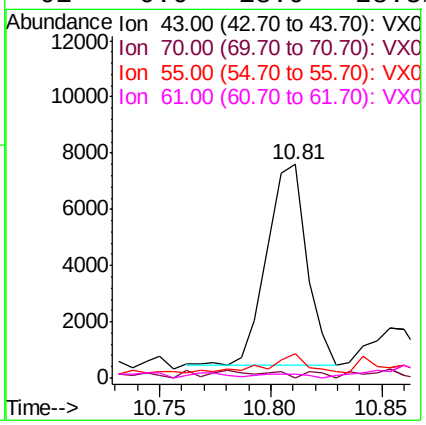


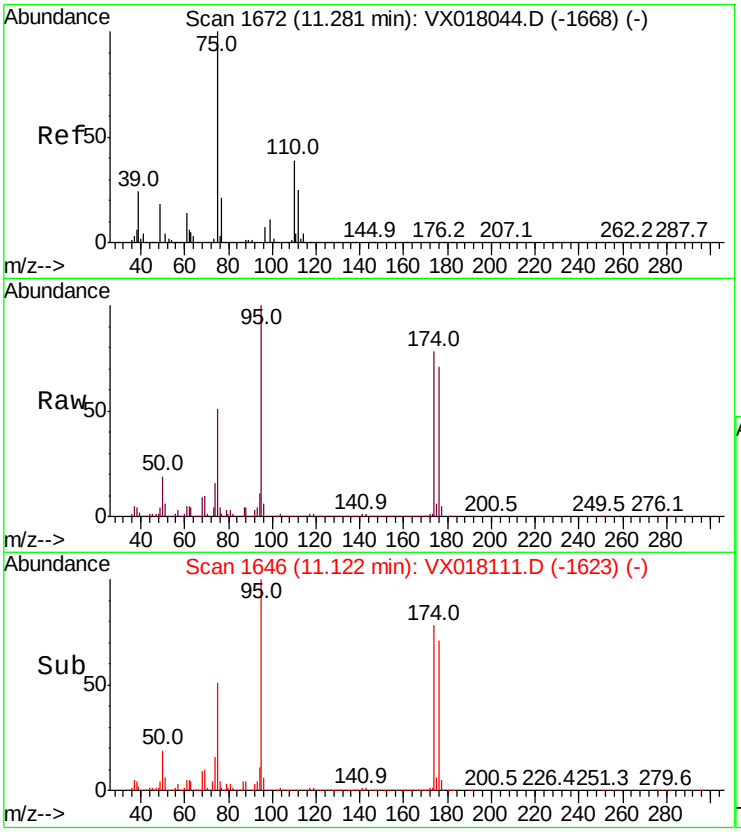


#74
N-amyl acetate
Concen: 0.599 ug/l
RT: 10.81 min Scan# 1595
Delta R.T. -0.07 min
Lab File: VX018111.D
Acq: 28 Aug 2020 11:40

Tgt Ion: 43 Resp: 8940

Ion	Ratio	Lower	Upper
43	100		
70	1.7	32.3	48.5#
55	8.7	18.2	27.2#
61	0.0	18.9	28.3#



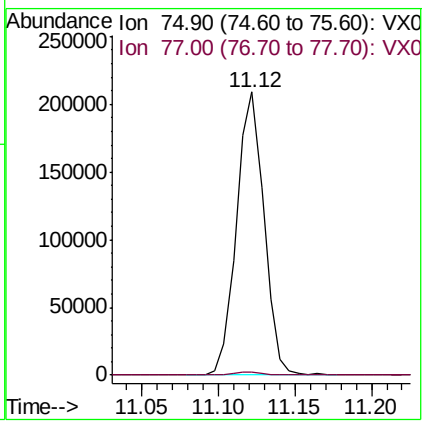


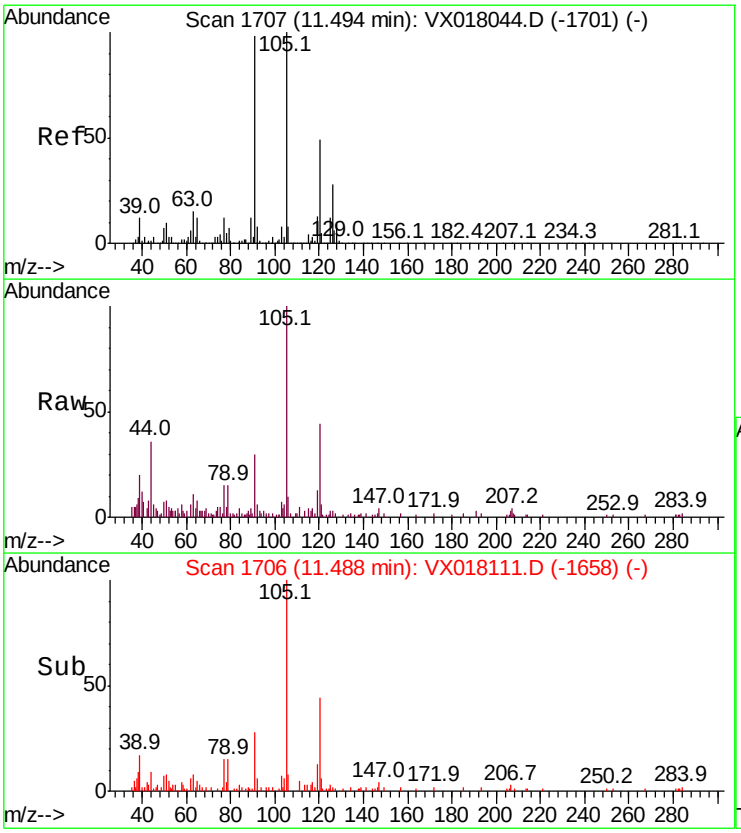
#76
1,2,3-Trichloropropane
Concen: 24.457 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX018111.D
Acq: 28 Aug 2020 11:40

Instrument : MSVOA_X
ClientSampleId : PB131256ZHE#01

Tgt Ion: 75 Resp: 259346

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.8	62.2#

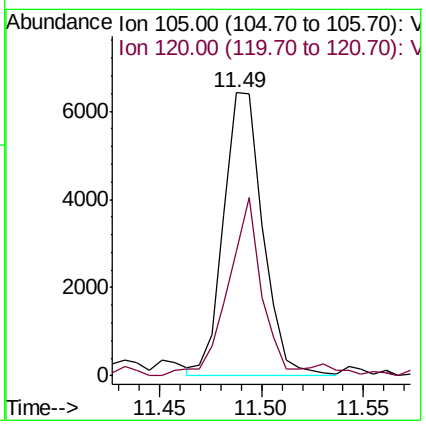


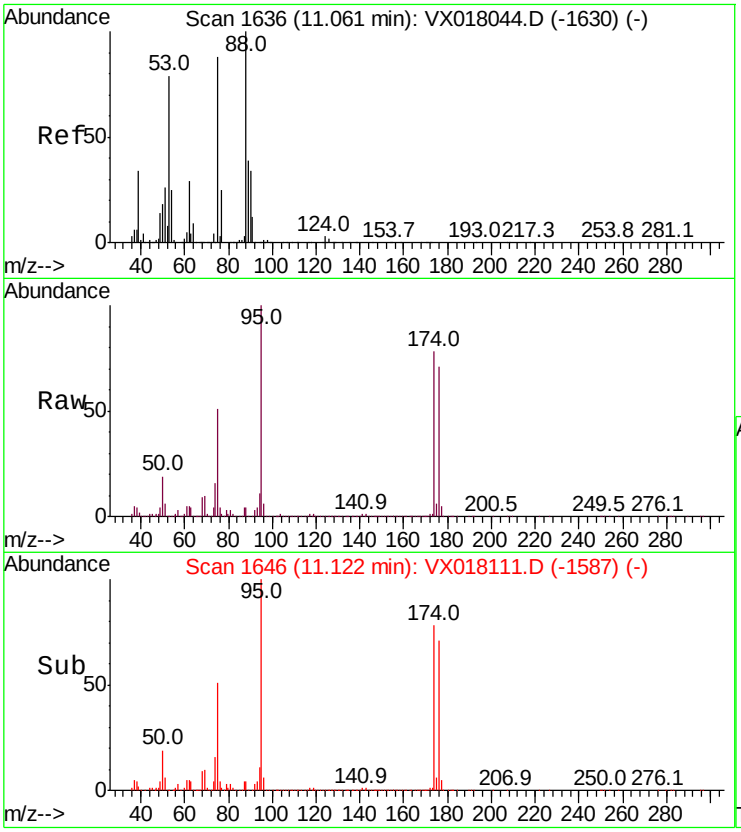


#80
1,3,5-Trimethylbenzene
Concen: 0.331 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX018111.D
Acq: 28 Aug 2020 11:40

Tgt Ion:105 Resp: 8550

Ion	Ratio	Lower	Upper
105	100		
120	53.8	24.1	72.2



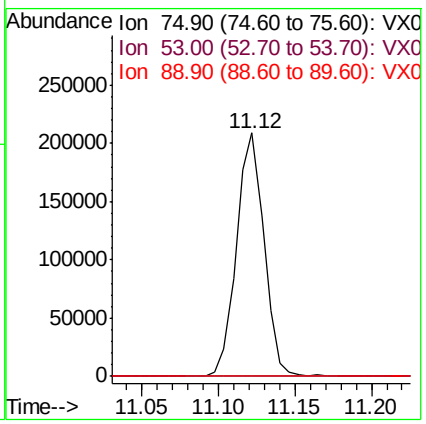


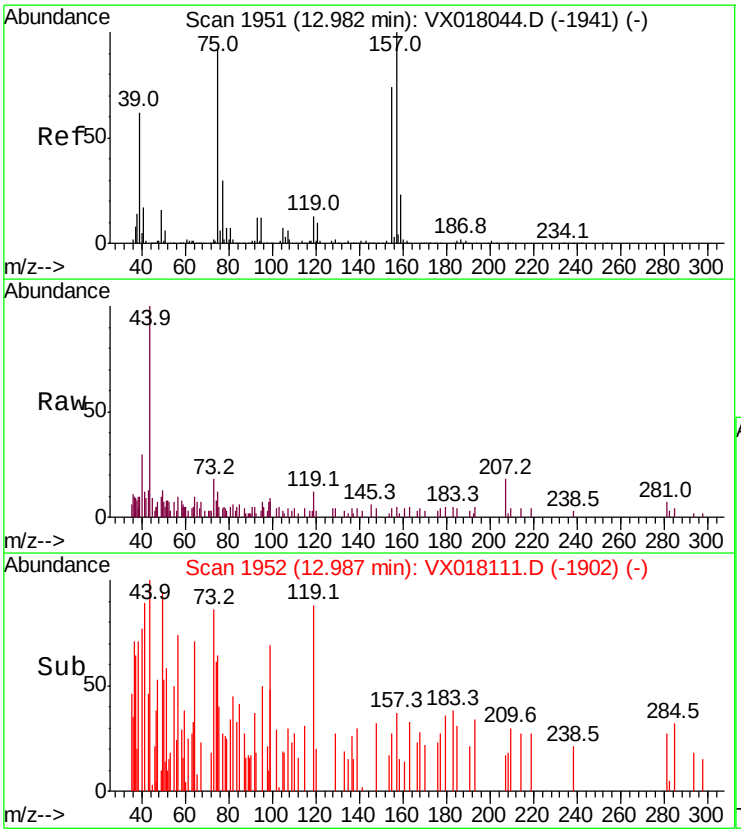
#81
trans-1,4-Dichloro-2-butene
Concen: 66.054 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX018111.D
Acq: 28 Aug 2020 11:40

Instrument :
MSVOA_X
ClientSampleId :
PB131256ZHE#01

Tgt Ion: 75 Resp: 259346

Ion	Ratio	Lower	Upper
75	100		
53	0.3	74.7	112.1#
89	0.1	36.6	54.8#

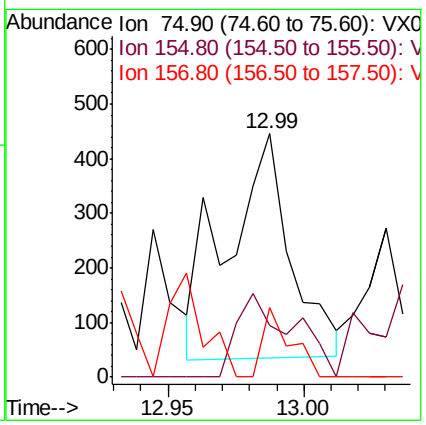


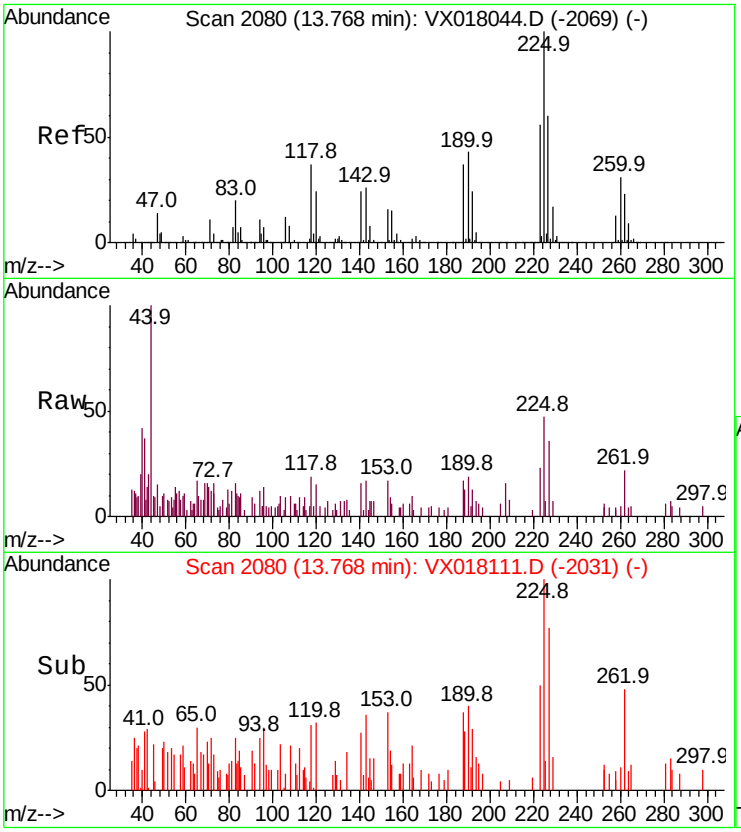


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.241 ug/l
RT: 12.99 min Scan# 1952
Delta R.T. 0.01 min
Lab File: VX018111.D
Acq: 28 Aug 2020 11:40

Tgt Ion: 75 Resp: 668

Ion	Ratio	Lower	Upper
75	100		
155	32.8	40.2	120.6#
157	13.5	55.0	165.2#





#94
Hexachlorobutadiene
Concen: 0.403 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX018111.D
Acq: 28 Aug 2020 11:40

Instrument :
MSVOA_X
ClientSampleId :
PB131256ZHE#01

Tgt Ion:225 Resp: 1524

Ion	Ratio	Lower	Upper
225	100		
223	59.6	30.7	92.1
227	64.6	32.6	97.8