Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071720\
Data File : VX017416.D
Acq On : 17 Jul 2020 13:54
Operator : JC/SP
Sample : L3188-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jul 18 06:57:15 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	256171	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.83	114	457080	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.10	117	512067	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	255871	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	178741	55.59	ug/l		0.00
Spiked Amount 50.000			Recovery = 111.18%				
35) Dibromofluoromethane	5.46	113	156909	50.96	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.92%				
50) Toluene-d8	8.70	98	601076	54.12	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.24%				
62) 4-Bromofluorobenzene	11.12	95	240506	54.52	ug/l		0.00
Spiked Amount 50.000			Recovery = 109.04%				
Target Compounds							Qvalue
3) Chloromethane	1.31	50	569	0.233	ug/l		96
5) Bromomethane	1.65	94	539	0.343	ug/l	#	38
8) Diethyl Ether	2.17	74	1291	0.896	ug/l		79
10) Methyl Iodide	2.50	142	514	2.533	ug/l	#	93
11) Tert butyl alcohol	3.01	59	1400	2.584	ug/l	#	84
12) 1,1-Dichloroethene	2.34	96	653	0.280	ug/l	#	39
13) Acrolein	2.28	56	311	1.047	ug/l		98
16) Acetone	2.42	43	36152	31.518	ug/l		96
17) Carbon Disulfide	2.55	76	2402	0.353	ug/l	#	81
18) Methyl Acetate	2.75	43	3874	1.367	ug/l		99
20) Methylene Chloride	2.84	84	37273	13.319	ug/l		99
25) 2-Butanone	4.64	43	4984	2.736	ug/l	#	84
29) Tetrahydrofuran	5.10	42	1369	1.161	ug/l	#	58
36) 1,1-Dichloropropene	5.64	75	19566	4.654	ug/l	#	51
38) Carbon Tetrachloride	5.63	117	26348	5.353	ug/l	#	20
43) Isopropyl Acetate	6.42	43	71376	10.273	ug/l		99
48) Methyl methacrylate	7.65	41	5264	1.579	ug/l	#	14
49) 1,4-Dioxane	7.65	88	19	0.278	ug/l	#	25
51) 4-Methyl-2-Pentanone	8.59	43	67780	16.000	ug/l	#	46
54) cis-1,3-Dichloropropene	8.59	75	28229	5.270	ug/l	#	65
59) 2-Hexanone	9.42	43	79067	24.729	ug/l	#	23
76) 1,2,3-Trichloropropane	11.12	75	116537	24.648	ug/l	#	37
81) trans-1,4-Dichloro-2-buten	11.12	75	116537	62.526	ug/l	#	11
94) Hexachlorobutadiene	13.77	225	666	0.306	ug/l		84

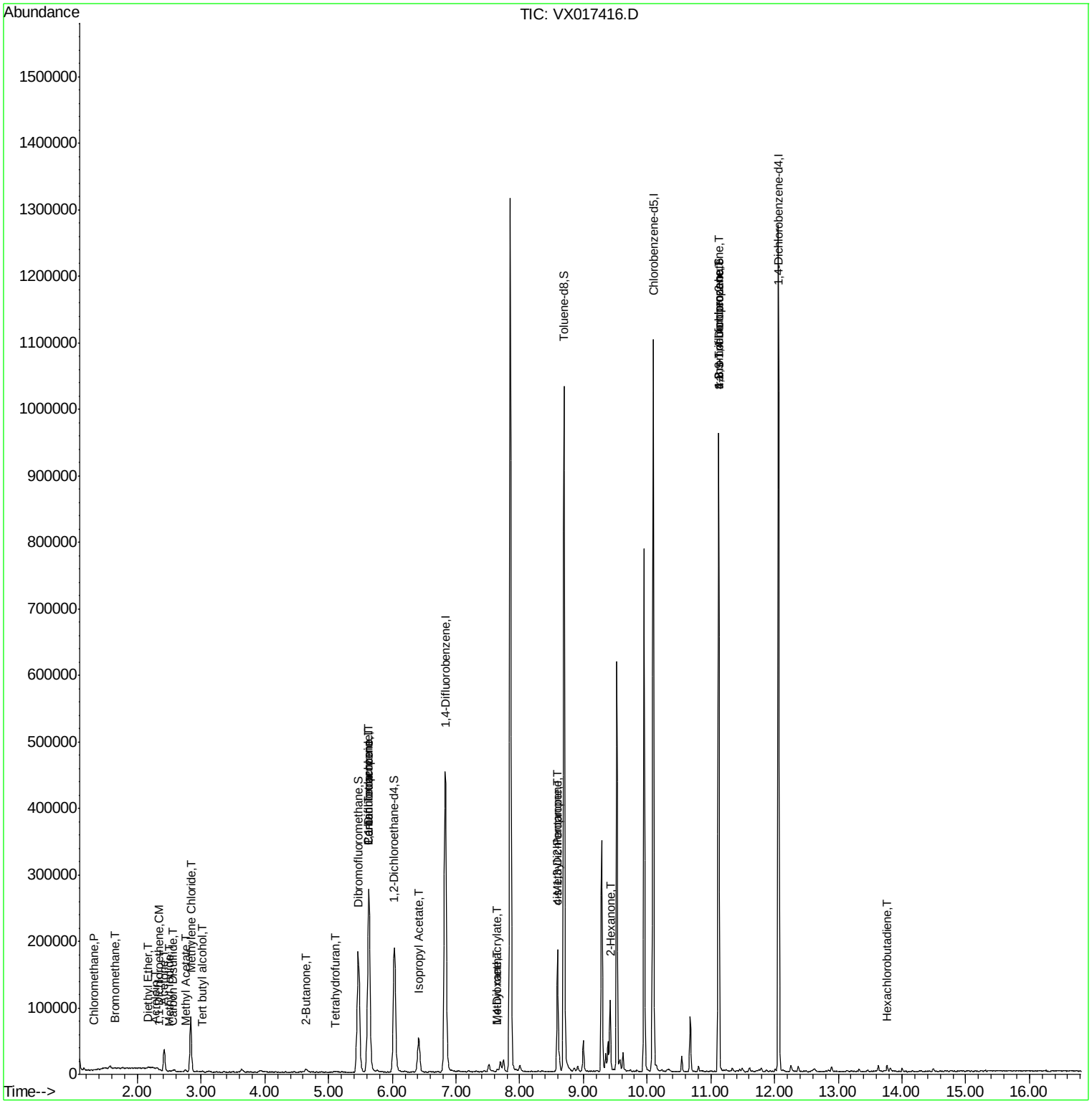
(#) = qualifier out of range (m) = manual integration (+) = signals summed

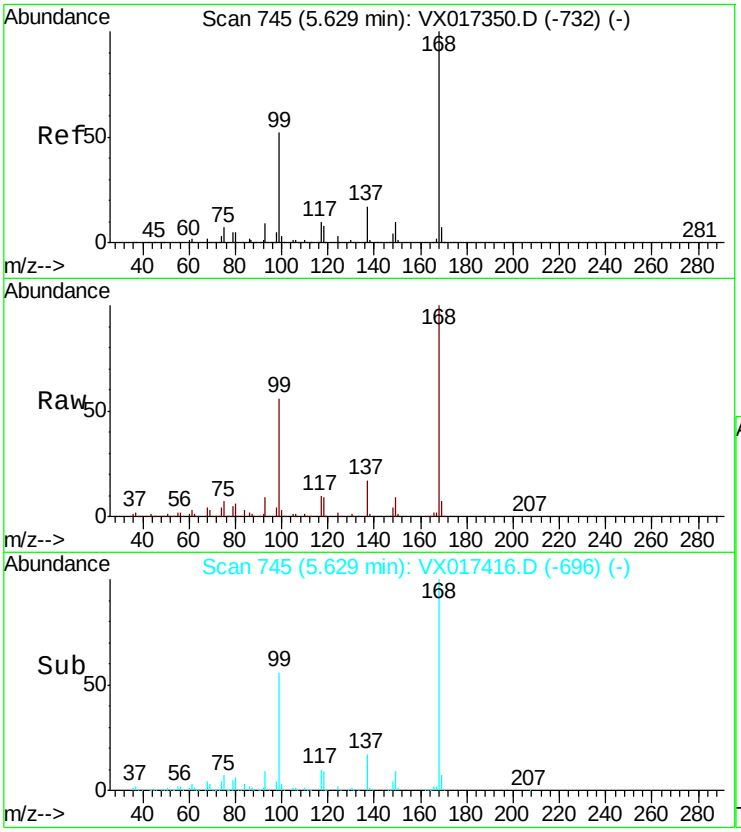
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071720\
Data File : VX017416.D
Acq On : 17 Jul 2020 13:54
Operator : JC/SP
Sample : L3188-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 18 06:57:15 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



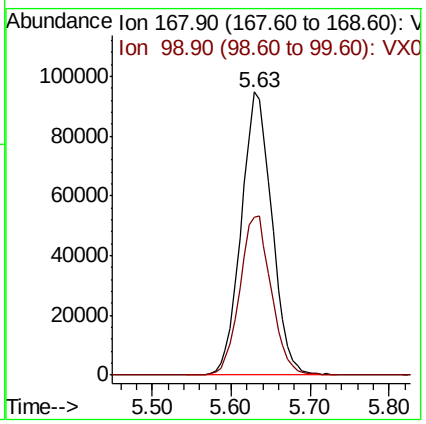


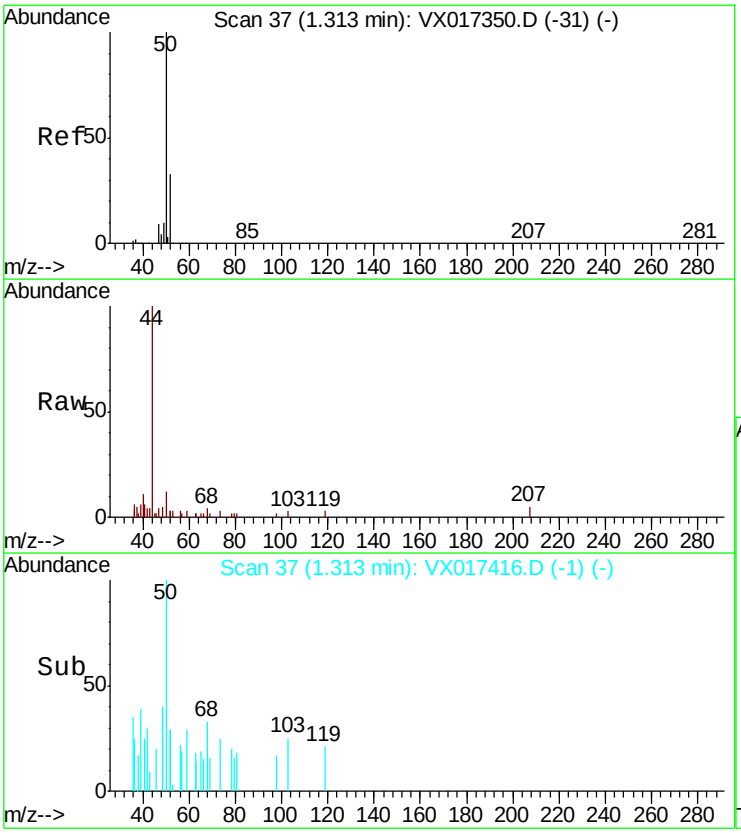
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.00 min
Lab File: VX017416.D
Acq: 17 Jul 2020 13:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 256171

Ion	Ratio	Lower	Upper
168	100		
99	55.6	41.6	62.4

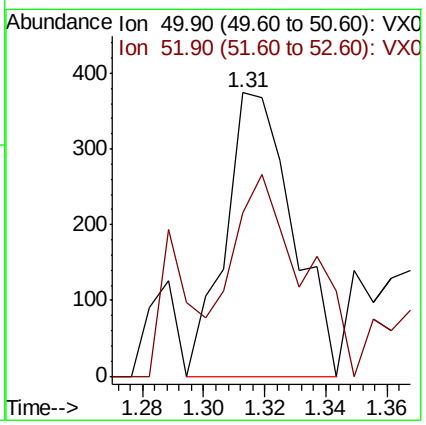


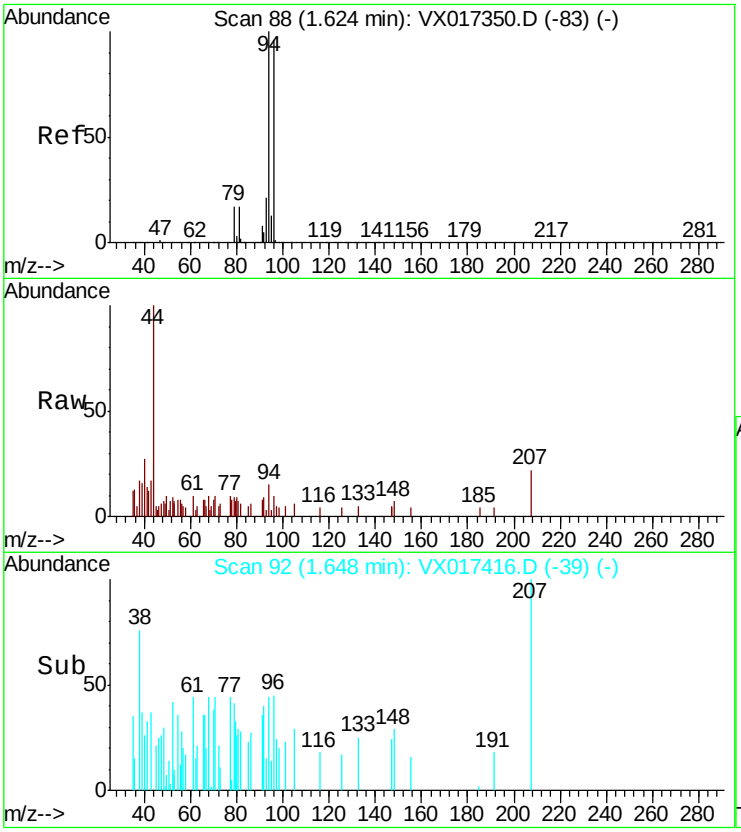


#3
Chloromethane
Concen: 0.233 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017416.D
Acq: 17 Jul 2020 13:54

Tgt Ion: 50 Resp: 569

Ion	Ratio	Lower	Upper
50	100		
52	31.3	26.7	40.1



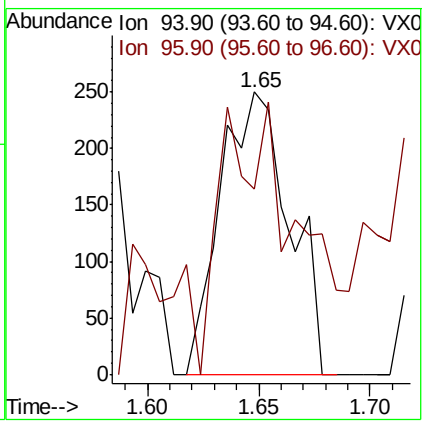


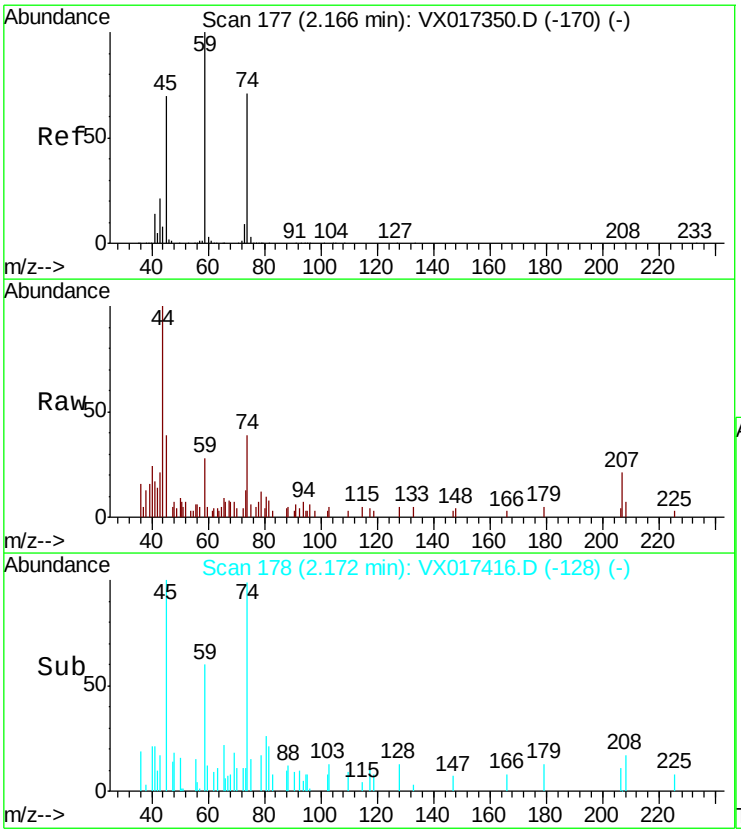
#5
Bromomethane
Concen: 0.343 ug/l
RT: 1.65 min Scan# 92
Delta R.T. 0.03 min
Lab File: VX017416.D
Acq: 17 Jul 2020 13:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 539

Ion	Ratio	Lower	Upper
94	100		
96	35.6	76.6	115.0#

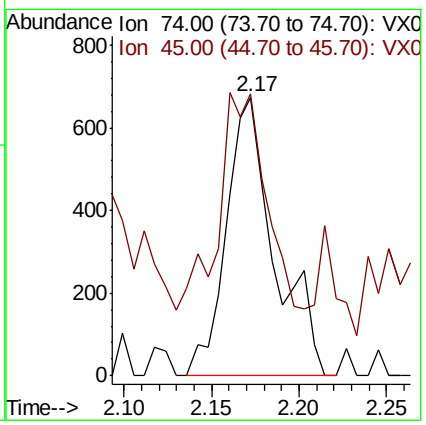


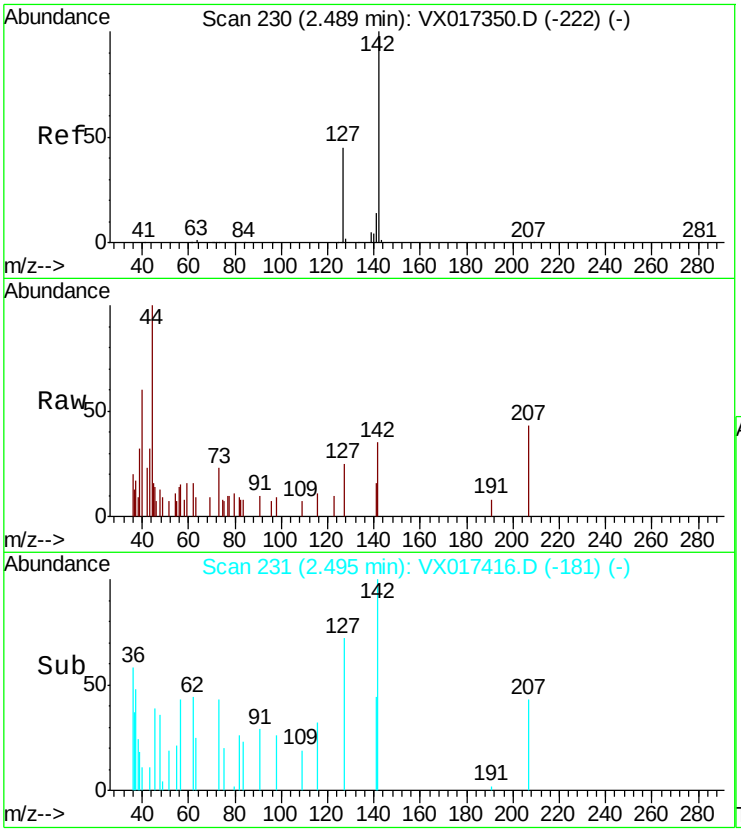


#8
Diethyl Ether
Concen: 0.896 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017416.D
Acq: 17 Jul 2020 13:54

Tgt Ion: 74 Resp: 1291

Ion	Ratio	Lower	Upper
74	100		
45	73.7	47.2	141.6



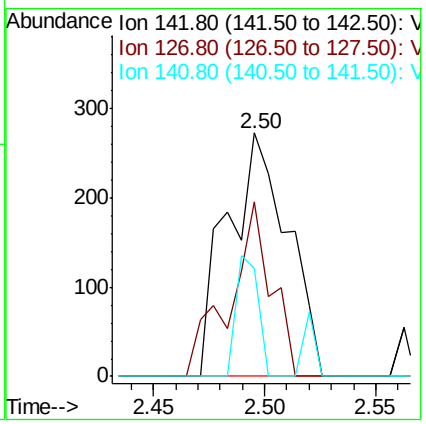


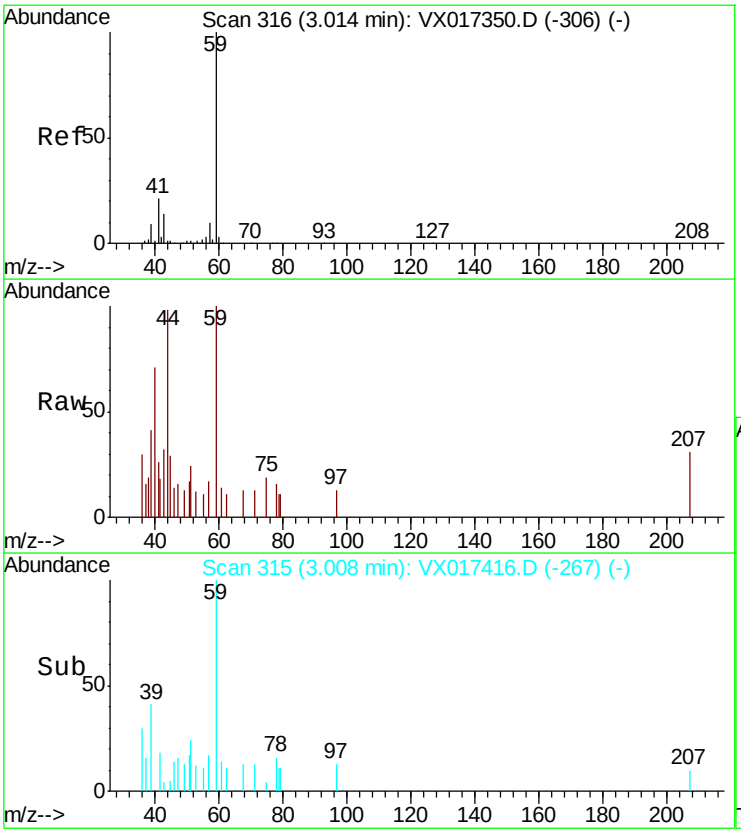
#10
Methyl Iodide
Concen: 2.533 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX017416.D
Acq: 17 Jul 2020 13:54

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 514

Ion	Ratio	Lower	Upper
142	100		
127	49.8	36.8	55.2
141	18.3	11.4	17.0#

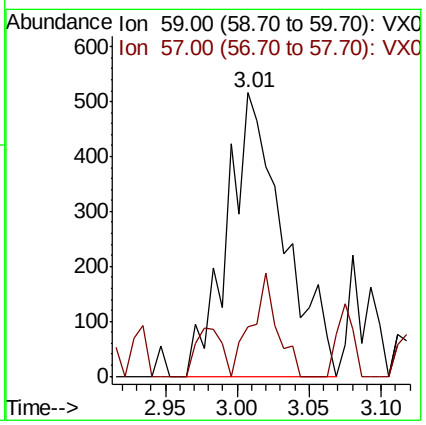


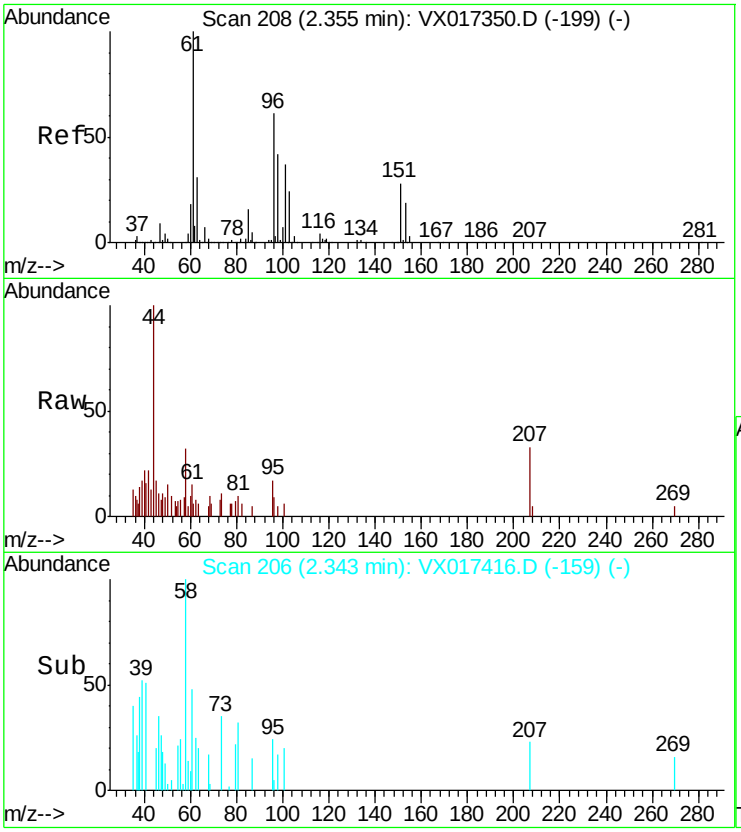


#11
Tert butyl alcohol
Concen: 2.584 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017416.D
Acq: 17 Jul 2020 13:54

Tgt Ion: 59 Resp: 1400

Ion	Ratio	Lower	Upper
59	100		
57	16.6	8.3	12.5#



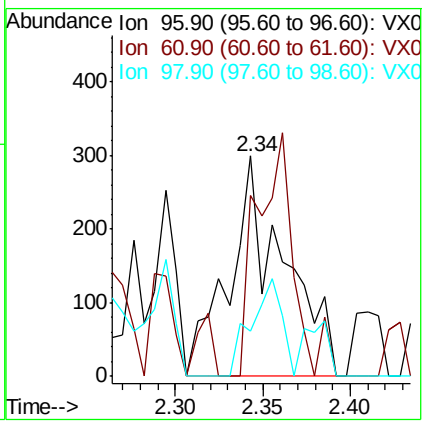


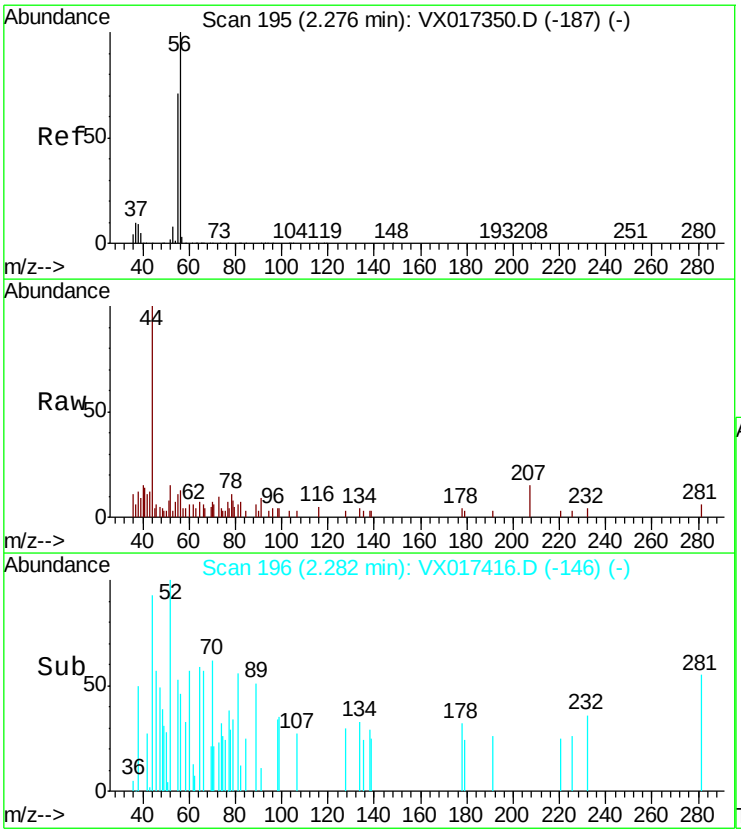
#12
1,1-Dichloroethene
Concen: 0.280 ug/l
RT: 2.34 min Scan# 206
Delta R.T. -0.01 min
Lab File: VX017416.D
Acq: 17 Jul 2020 13:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 653

Ion	Ratio	Lower	Upper
96	100		
61	82.3	131.5	197.3#
98	20.7	55.1	82.7#

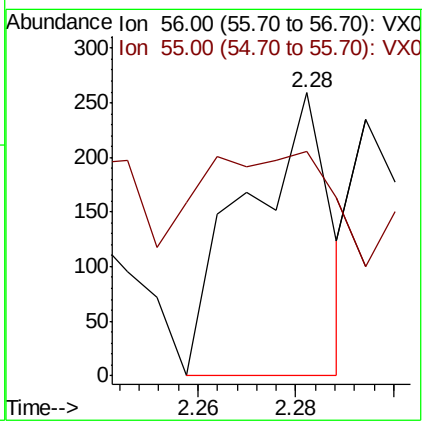


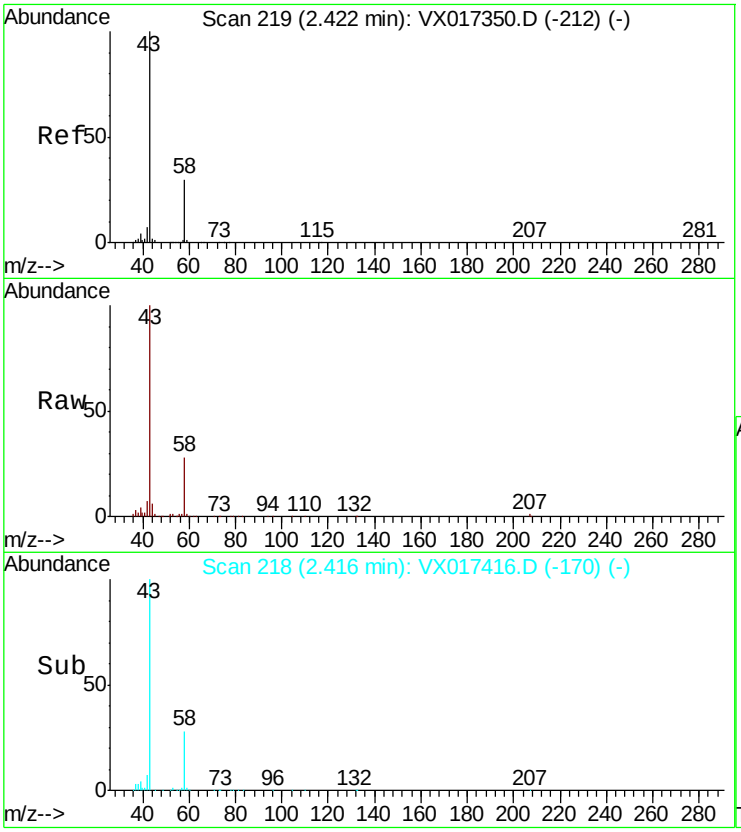


#13
Acrolein
Concen: 1.047 ug/l
RT: 2.28 min Scan# 196
Delta R.T. 0.01 min
Lab File: VX017416.D
Acq: 17 Jul 2020 13:54

Tgt Ion: 56 Resp: 311

Ion	Ratio	Lower	Upper
56	100		
55	70.1	57.1	85.7



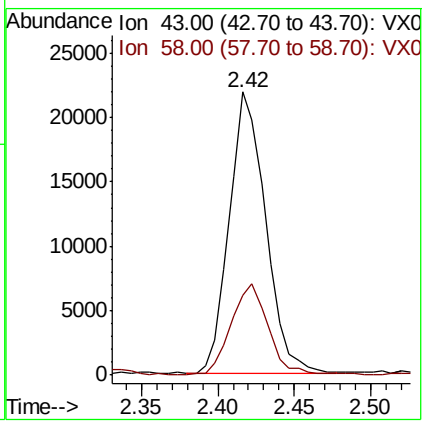


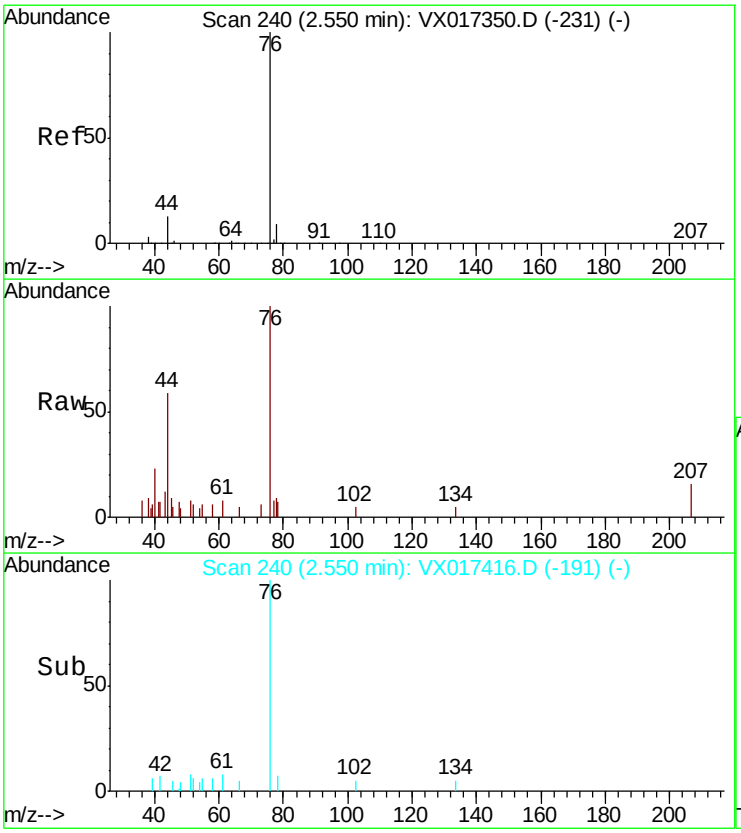
#16
Acetone
Concen: 31.518 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX017416.D
Acq: 17 Jul 2020 13:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 36152

Ion	Ratio	Lower	Upper
43	100		
58	28.2	24.2	36.2

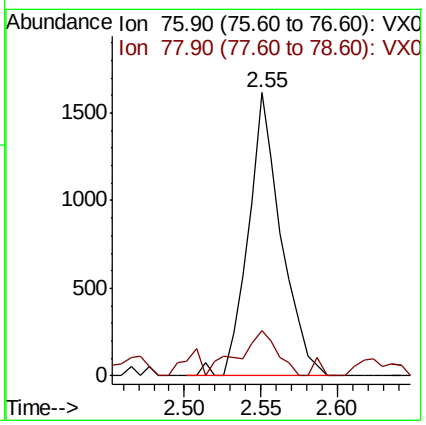


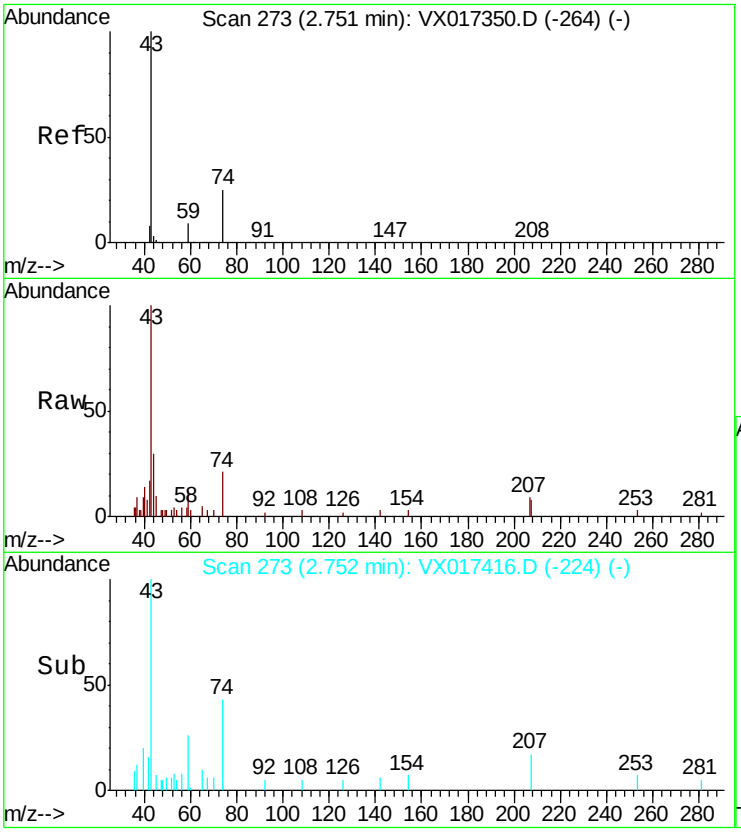


#17
Carbon Disulfide
Concen: 0.353 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017416.D
Acq: 17 Jul 2020 13:54

Tgt Ion: 76 Resp: 2402

Ion	Ratio	Lower	Upper
76	100		
78	15.9	7.3	10.9#



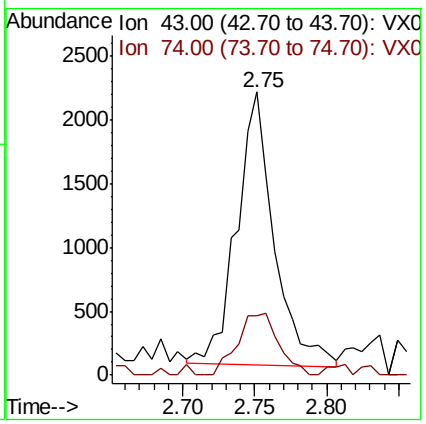


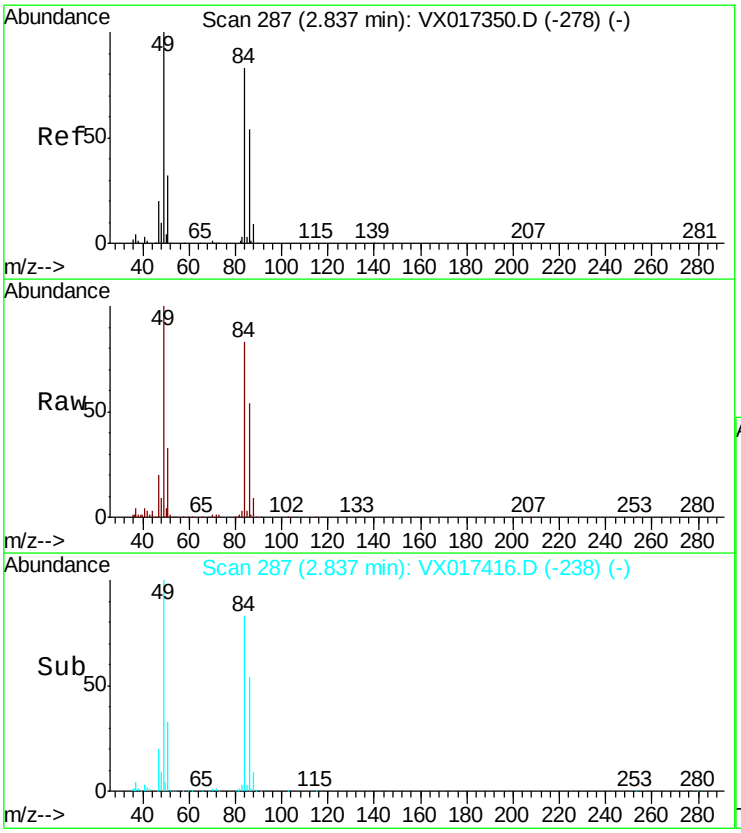
#18
Methyl Acetate
Concen: 1.367 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX017416.D
Acq: 17 Jul 2020 13:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 3874

Ion	Ratio	Lower	Upper
43	100		
74	24.7	19.4	29.2

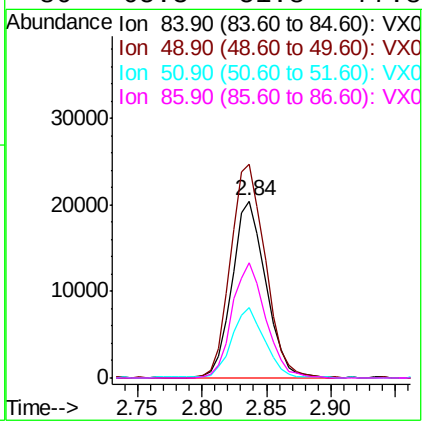


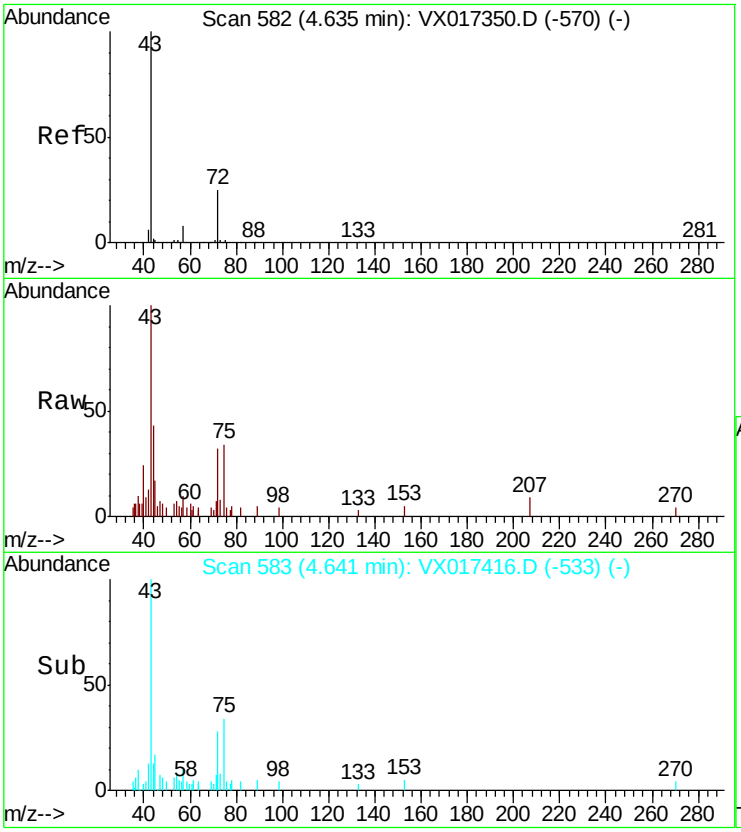


#20
Methylene Chloride
Concen: 13.319 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017416.D
Acq: 17 Jul 2020 13:54

Tgt Ion: 84 Resp: 37273

Ion	Ratio	Lower	Upper
84	100		
49	120.4	95.8	143.8
51	39.4	31.0	46.4
86	65.3	51.8	77.8



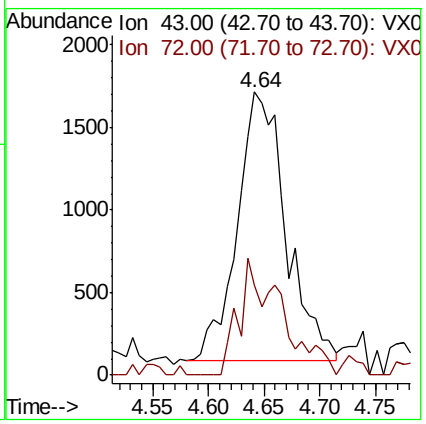


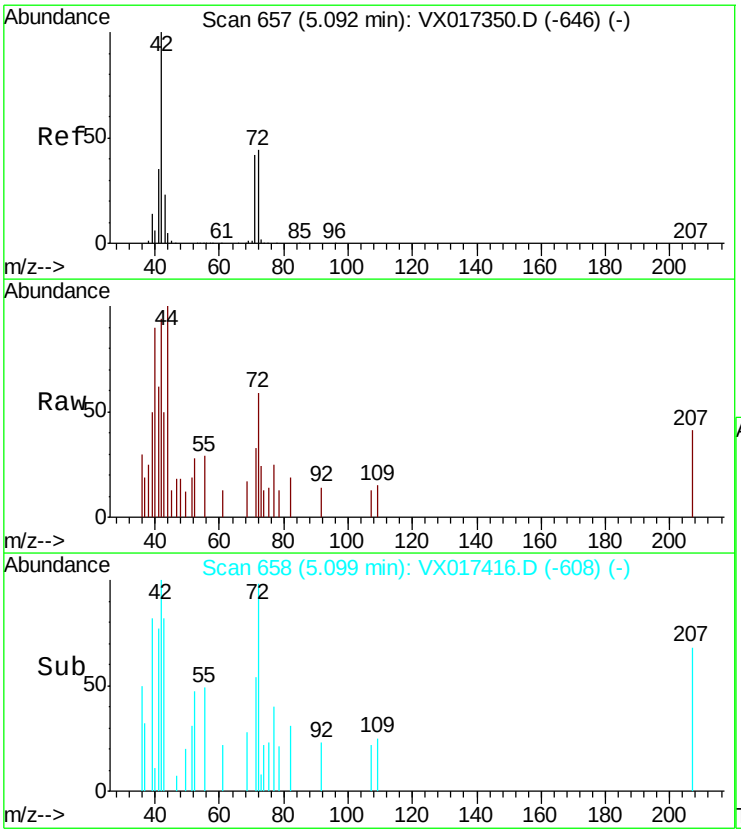
#25
2-Butanone
Concen: 2.736 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX017416.D
Acq: 17 Jul 2020 13:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 4984

Ion	Ratio	Lower	Upper
43	100		
72	33.7	20.4	30.6#

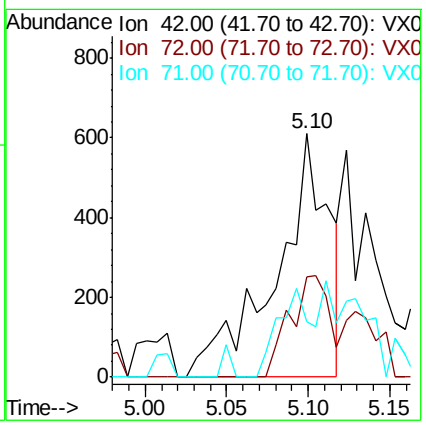


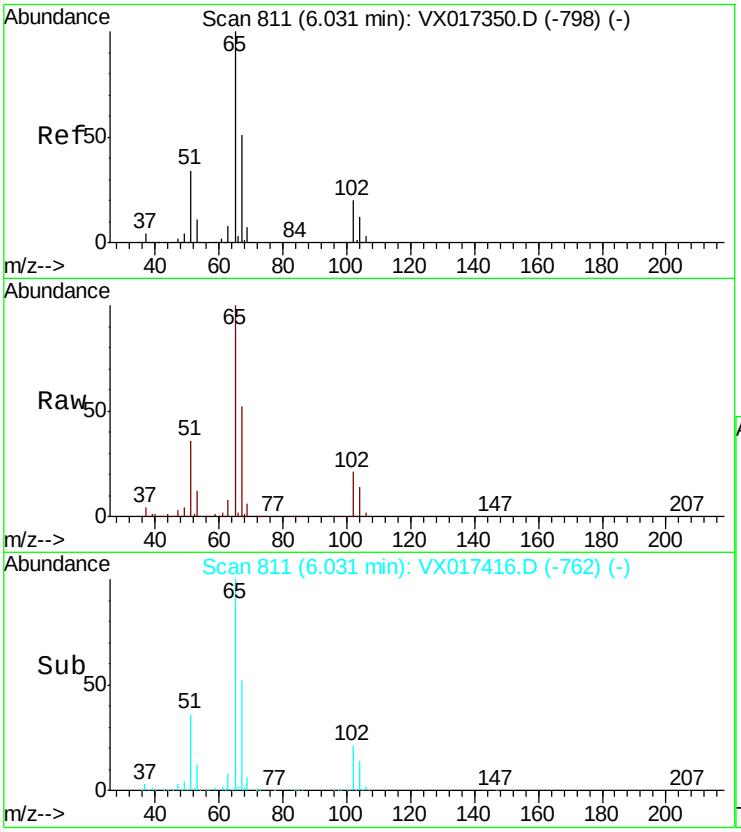


#29
Tetrahydrofuran
Concen: 1.161 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX017416.D
Acq: 17 Jul 2020 13:54

Tgt Ion: 42 Resp: 1369

Ion	Ratio	Lower	Upper
42	100		
72	31.0	37.2	55.8#
71	3.4	34.4	51.6#



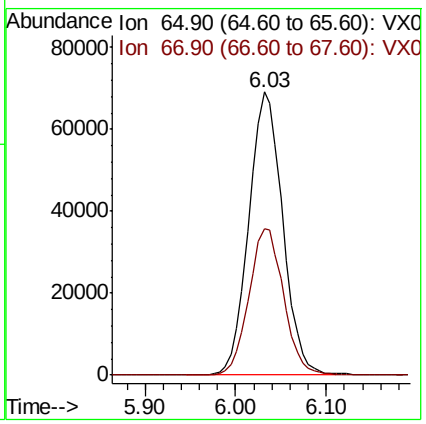


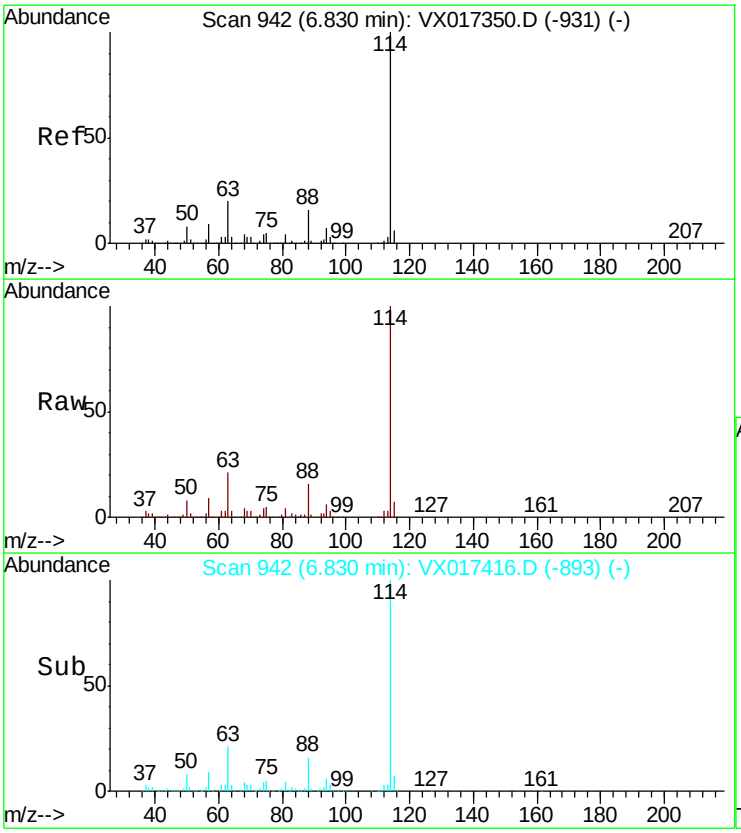
#33
1,2-Dichloroethane-d4
Concen: 55.593 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX017416.D
Acq: 17 Jul 2020 13:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 178741

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	101.6

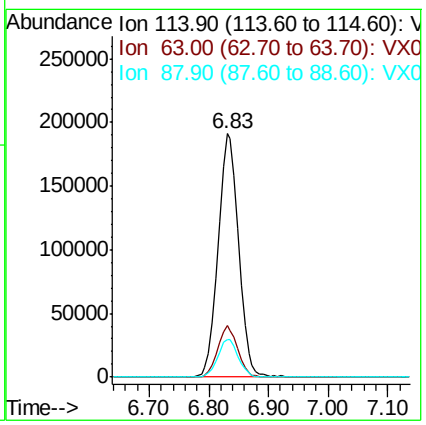


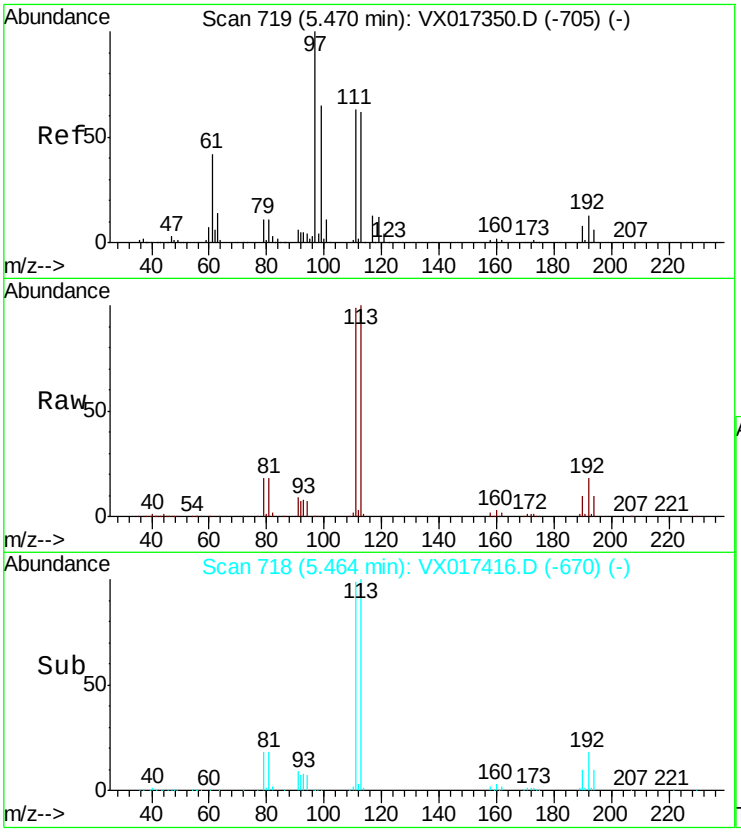


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.00 min
Lab File: VX017416.D
Acq: 17 Jul 2020 13:54

Tgt Ion:114 Resp: 457080

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.0
88	15.5	0.0	32.8



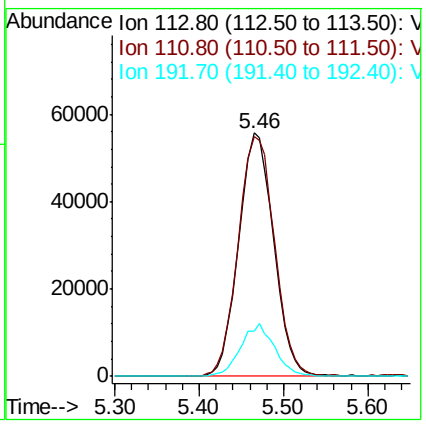


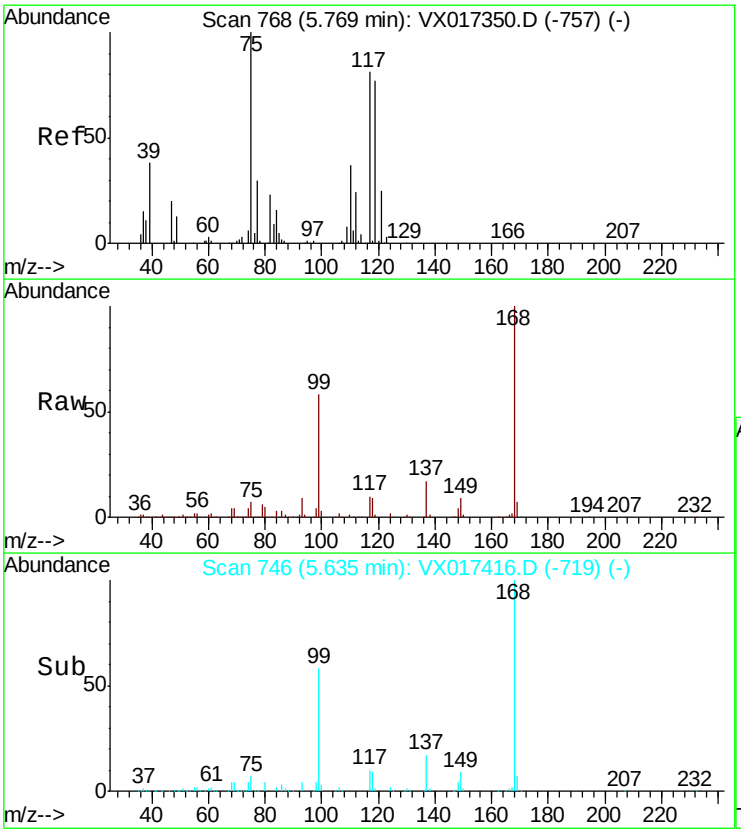
#35
Dibromofluoromethane
Concen: 50.962 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX017416.D
Acq: 17 Jul 2020 13:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 156909

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.4	123.6
192	20.8	17.2	25.8

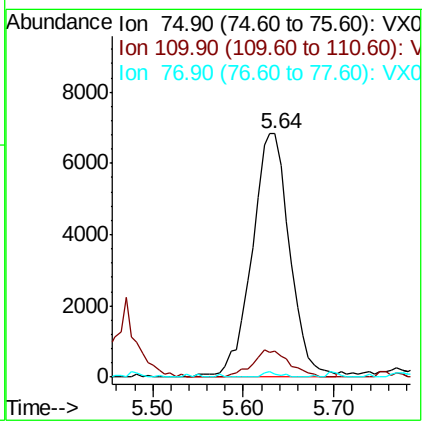


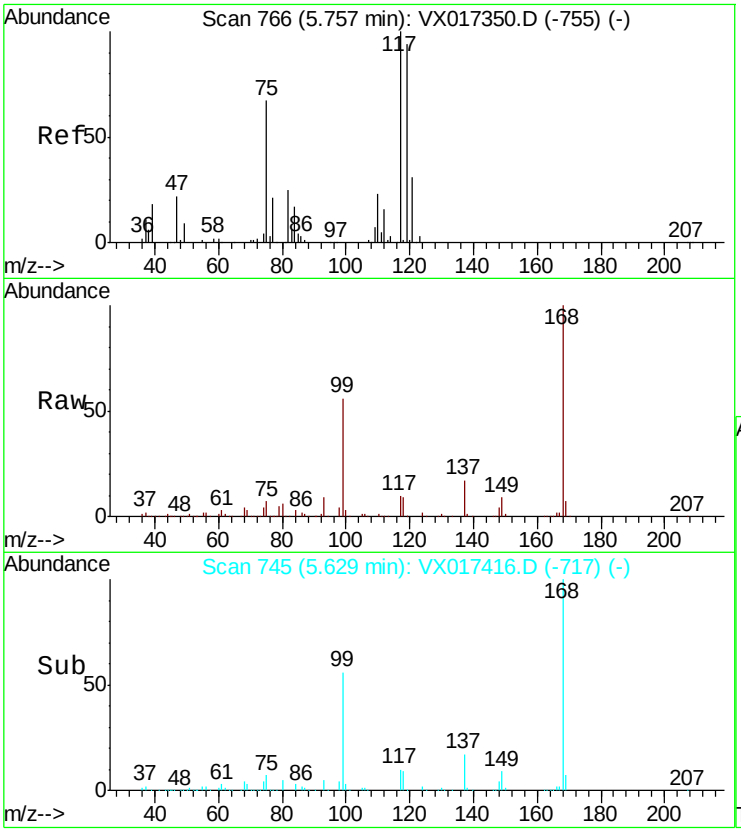


#36
1,1-Dichloropropene
Concen: 4.654 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.13 min
Lab File: VX017416.D
Acq: 17 Jul 2020 13:54

Tgt Ion: 75 Resp: 19566

Ion	Ratio	Lower	Upper
75	100		
110	10.8	18.6	55.8#
77	0.9	24.9	37.3#



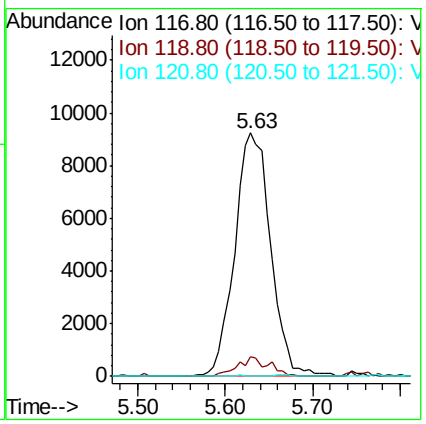


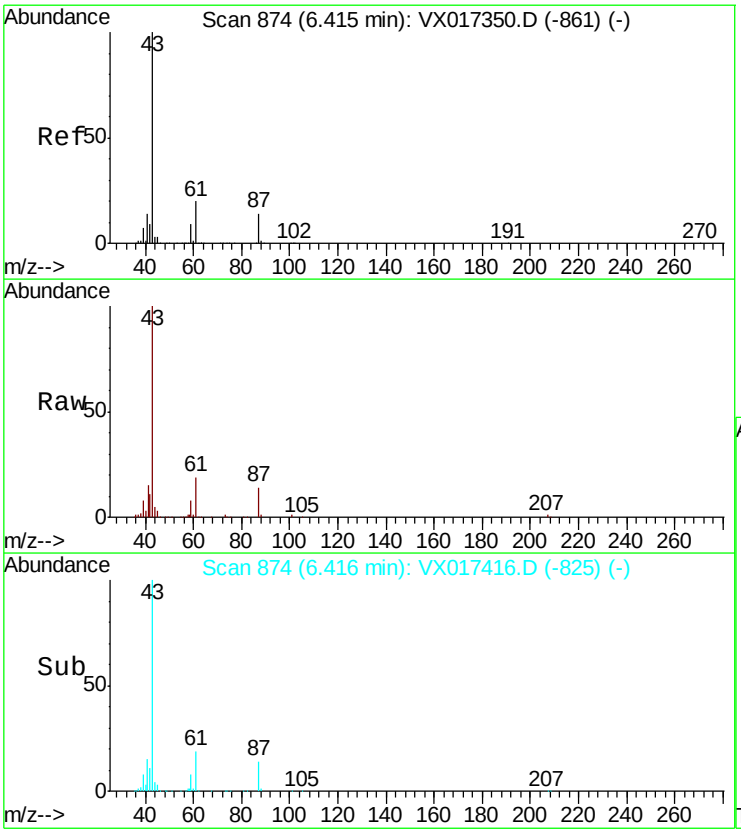
#38
Carbon Tetrachloride
Concen: 5.353 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX017416.D
Acq: 17 Jul 2020 13:54

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 26348

Ion	Ratio	Lower	Upper
117	100		
119	8.3	74.7	112.1#
121	0.0	24.5	36.7#

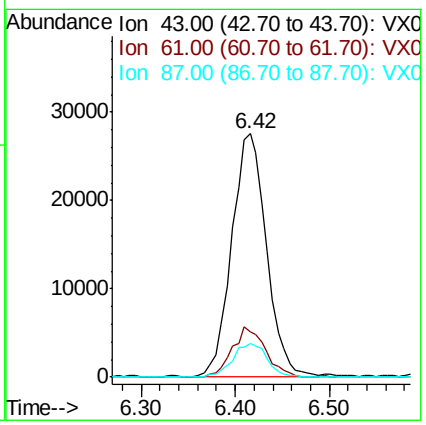


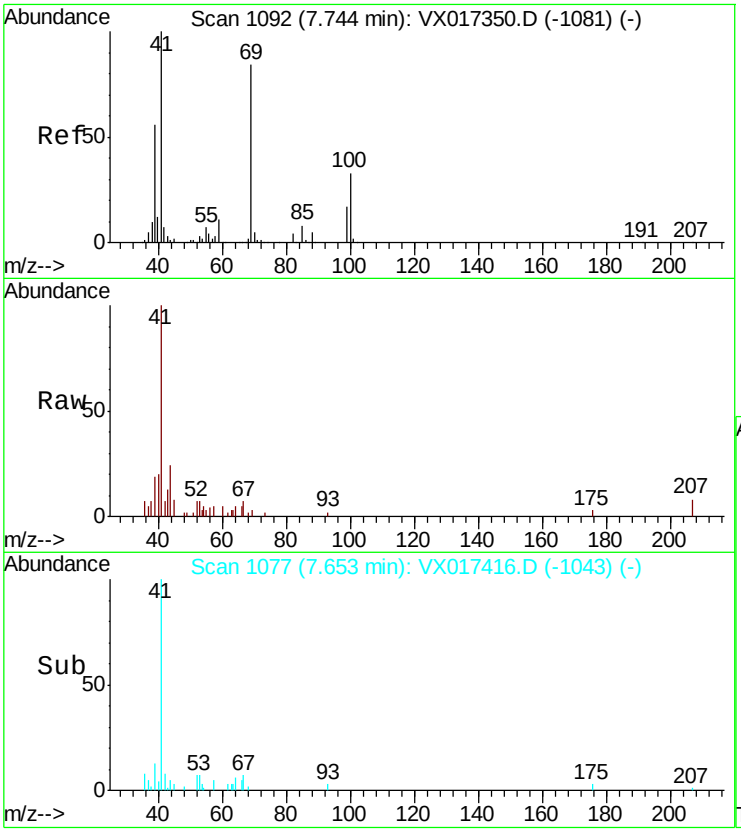


#43
Isopropyl Acetate
Concen: 10.273 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX017416.D
Acq: 17 Jul 2020 13:54

Tgt Ion: 43 Resp: 71376

Ion	Ratio	Lower	Upper
43	100		
61	19.8	16.4	24.6
87	13.8	11.2	16.8



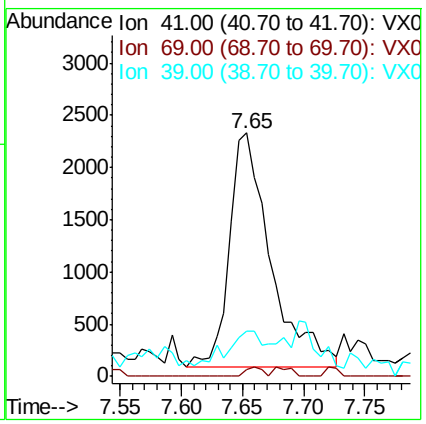


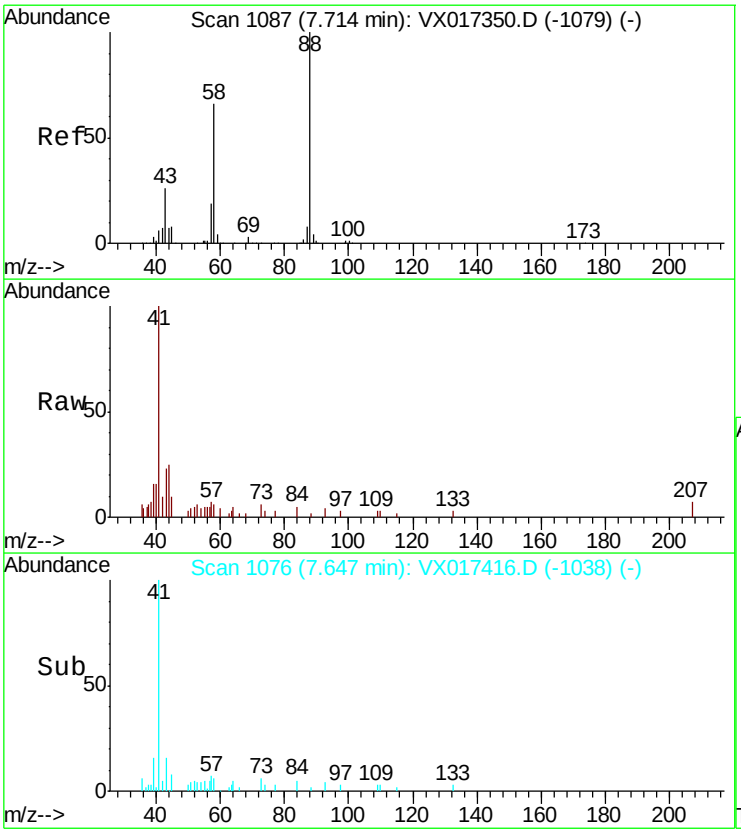
#48
Methyl methacrylate
Concen: 1.579 ug/l
RT: 7.65 min Scan# 1077
Delta R.T. -0.09 min
Lab File: VX017416.D
Acq: 17 Jul 2020 13:54

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 5264

Ion	Ratio	Lower	Upper
41	100		
69	1.5	67.8	101.6#
39	0.0	45.1	67.7#

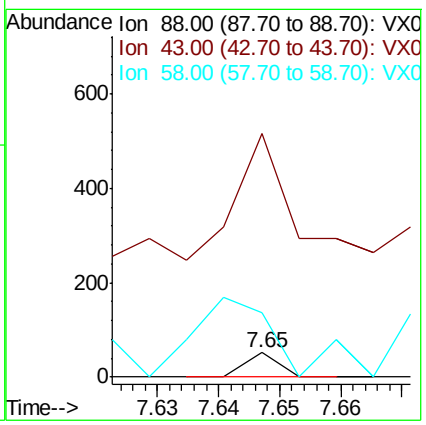


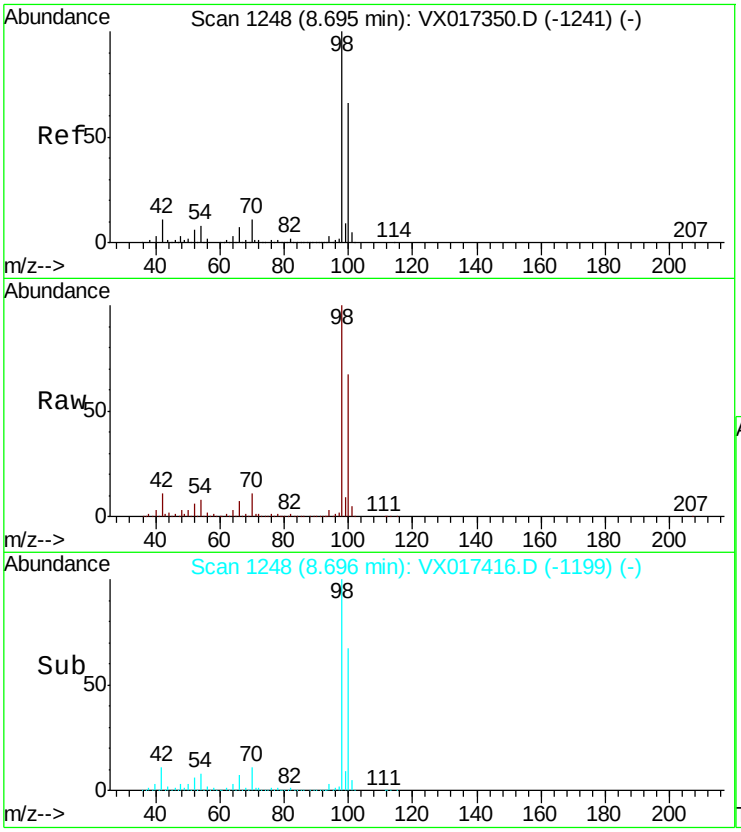


#49
1,4-Dioxane
Concen: 0.278 ug/l
RT: 7.65 min Scan# 1076
Delta R.T. -0.07 min
Lab File: VX017416.D
Acq: 17 Jul 2020 13:54

Tgt Ion: 88 Resp: 19

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



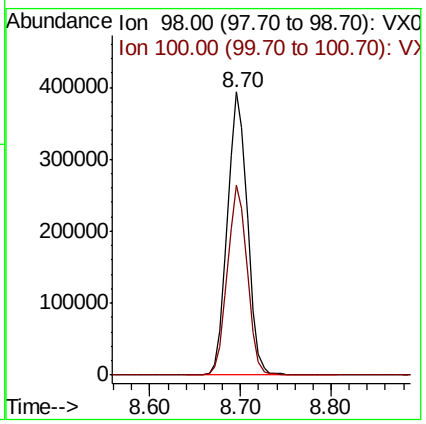


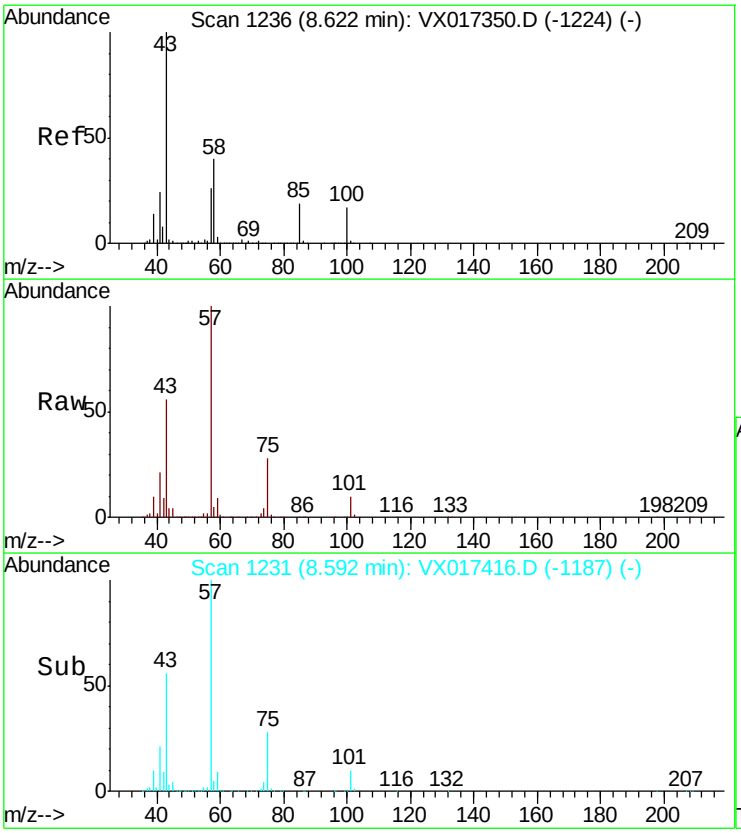
#50
Toluene-d8
Concen: 54.120 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017416.D
Acq: 17 Jul 2020 13:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 601076

Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.4	80.2

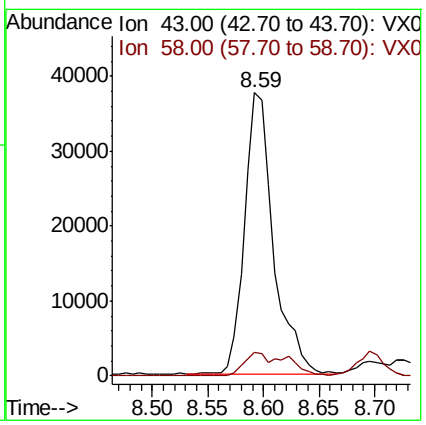


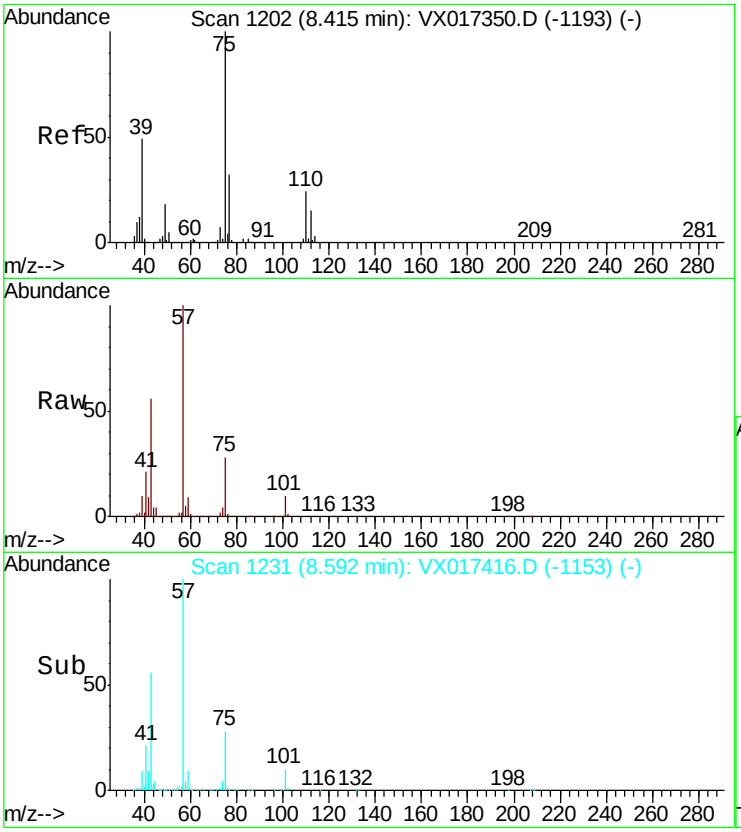


#51
4-Methyl-2-Pentanone
Concen: 16.000 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.03 min
Lab File: VX017416.D
Acq: 17 Jul 2020 13:54

Tgt Ion: 43 Resp: 67780

Ion	Ratio	Lower	Upper
43	100		
58	6.5	32.2	48.2#



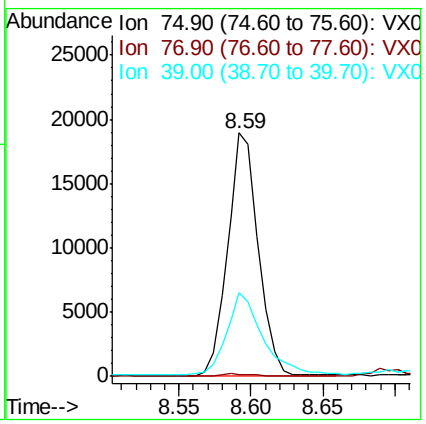


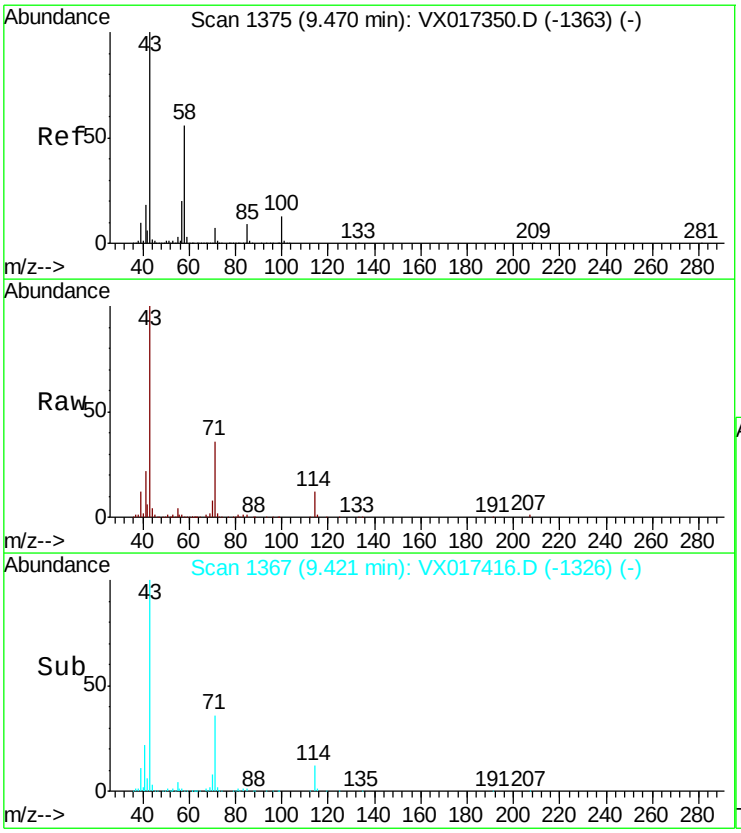
#54
cis-1,3-Dichloropropene
Concen: 5.270 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. 0.18 min
Lab File: VX017416.D
Acq: 17 Jul 2020 13:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 28229

Ion	Ratio	Lower	Upper
75	100		
77	0.8	25.3	37.9#
39	33.7	38.9	58.3#

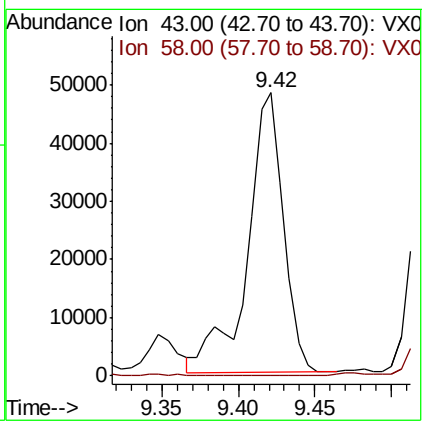


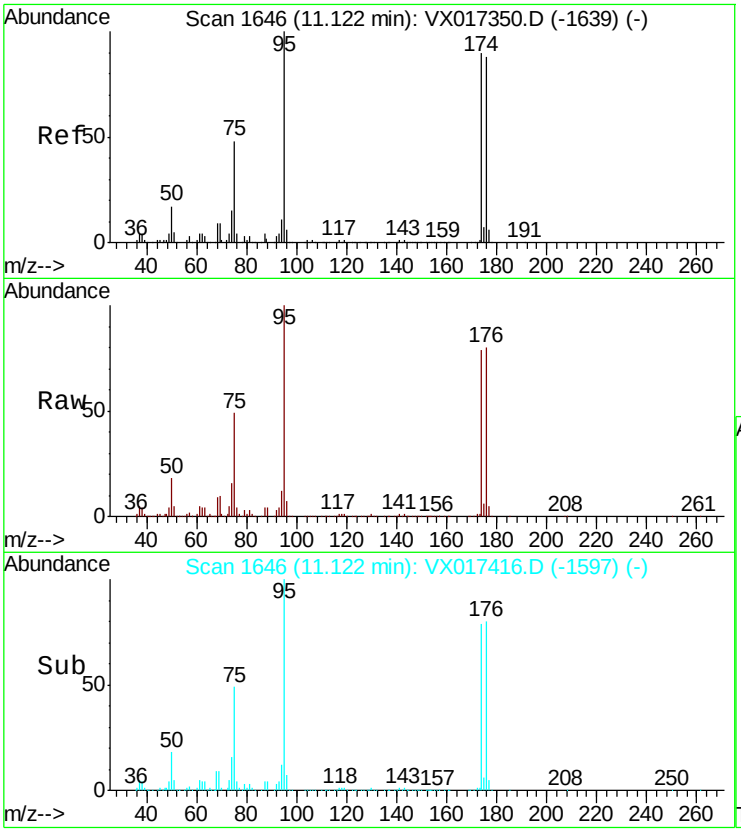


#59
2-Hexanone
Concen: 24.729 ug/l
RT: 9.42 min Scan# 1367
Delta R.T. -0.05 min
Lab File: VX017416.D
Acq: 17 Jul 2020 13:54

Tgt Ion: 43 Resp: 79067

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.1	84.3#



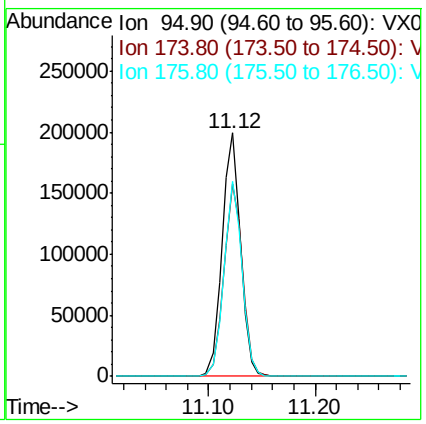


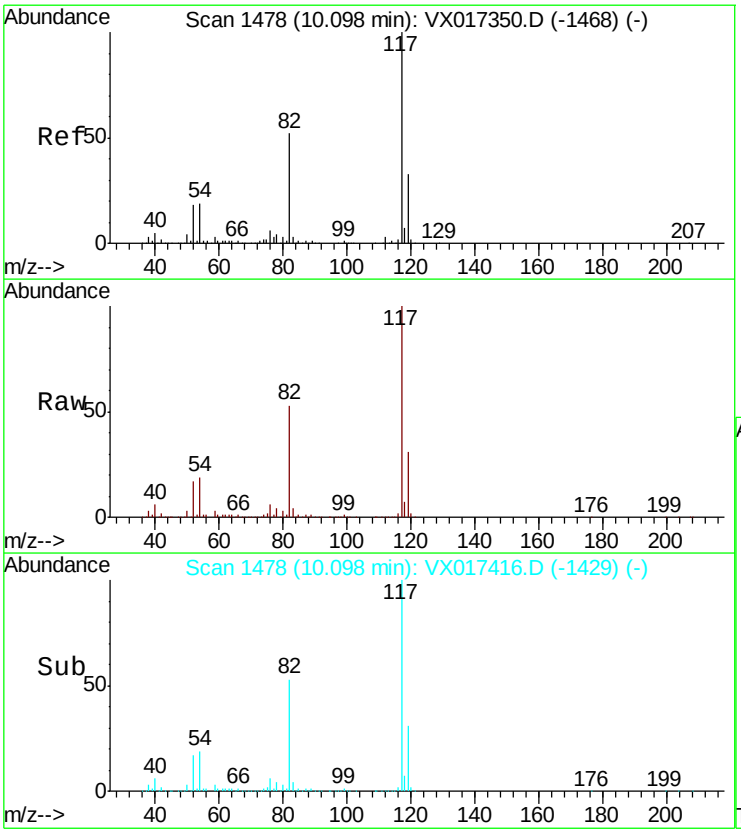
#62
4-Bromofluorobenzene
Concen: 54.517 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX017416.D
Acq: 17 Jul 2020 13:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 240506

Ion	Ratio	Lower	Upper
95	100		
174	79.9	0.0	175.8
176	79.1	0.0	164.6

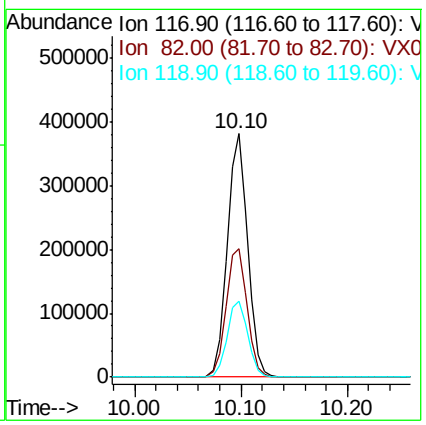


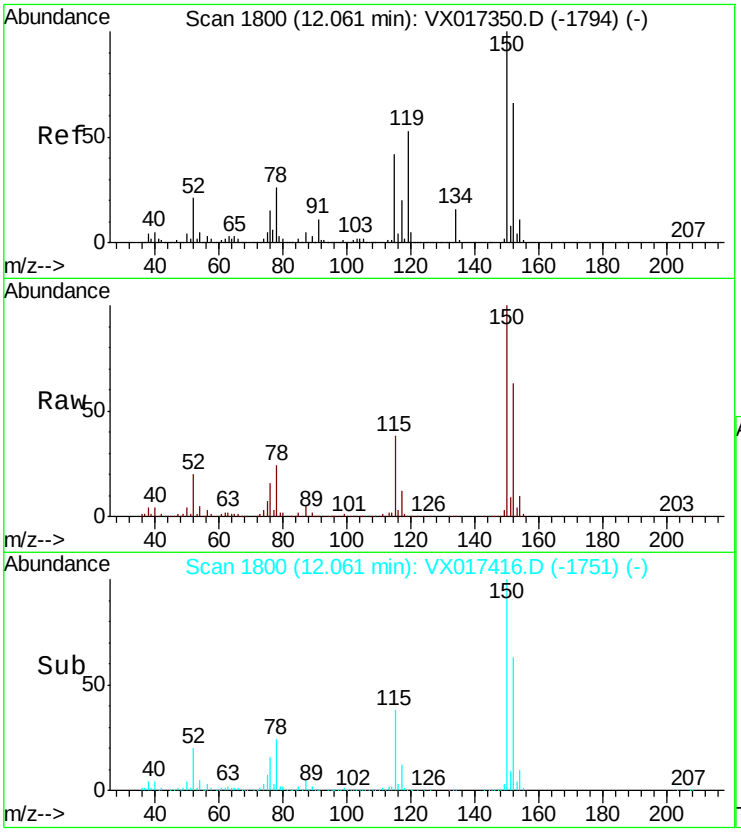


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017416.D
Acq: 17 Jul 2020 13:54

Tgt Ion:117 Resp: 512067

Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.0	63.0
119	31.2	26.3	39.5



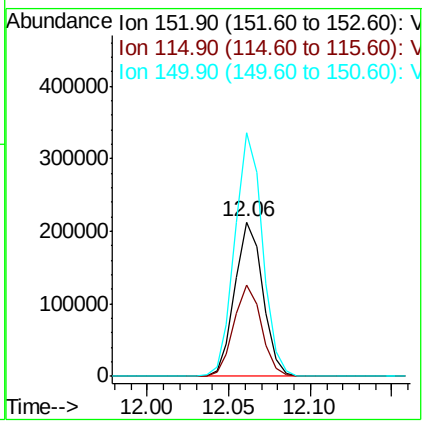


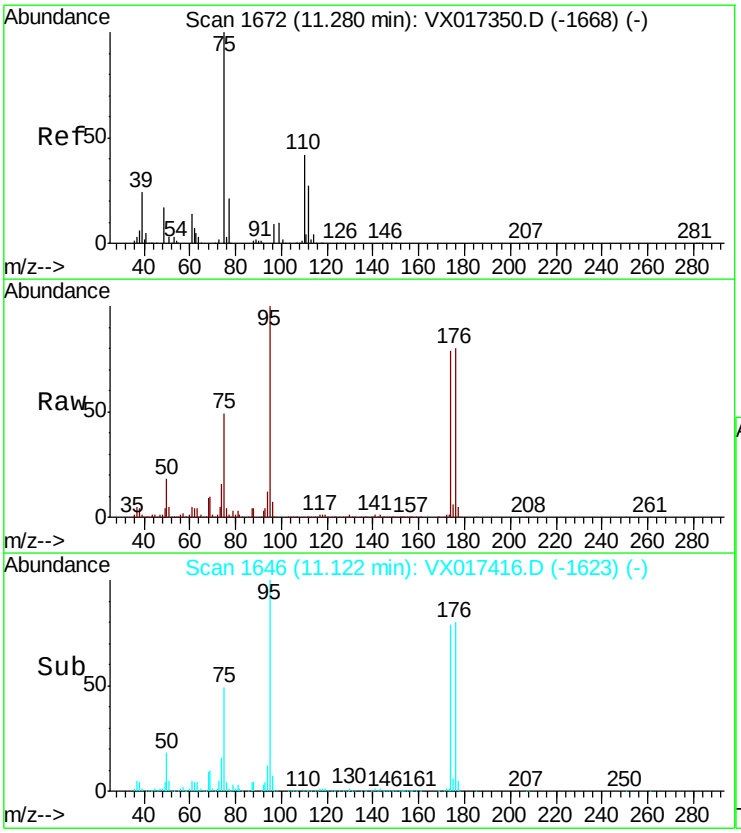
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX017416.D
Acq: 17 Jul 2020 13:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 255871

Ion	Ratio	Lower	Upper
152	100		
115	58.3	39.9	119.7
150	155.3	0.0	343.4

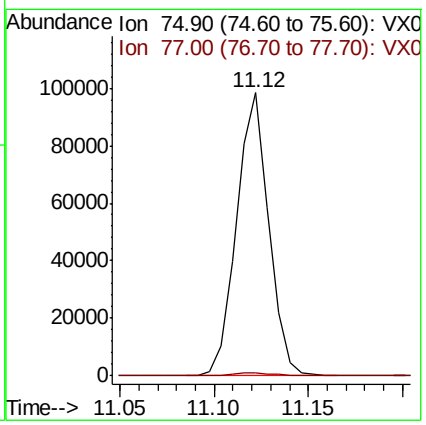


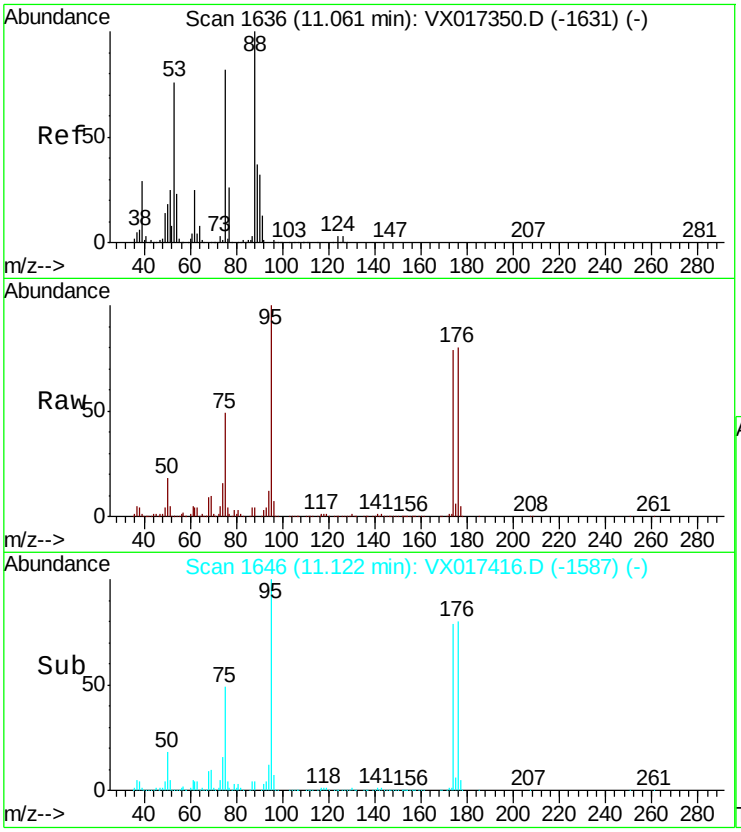


#76
1,2,3-Trichloropropane
Concen: 24.648 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX017416.D
Acq: 17 Jul 2020 13:54

Tgt Ion: 75 Resp: 116537

Ion	Ratio	Lower	Upper
75	100		
77	1.5	20.3	60.9#



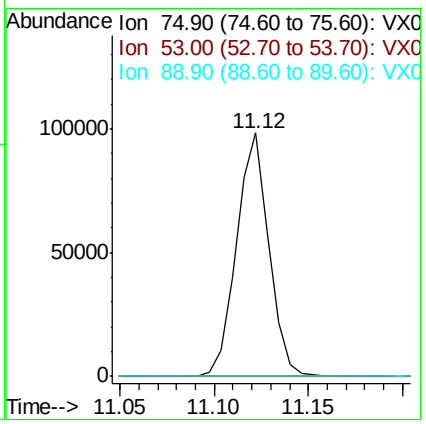


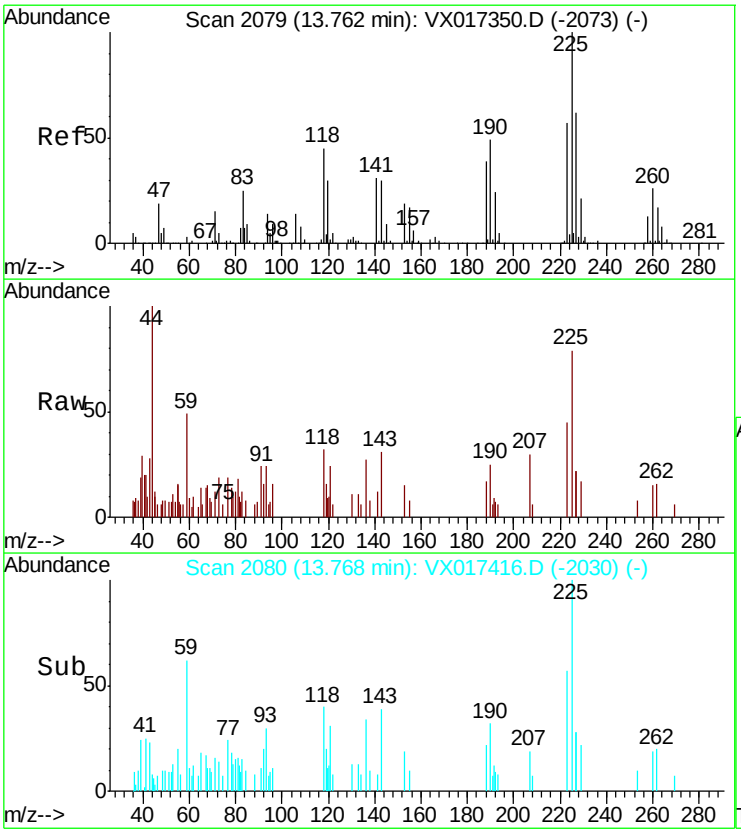
#81
trans-1,4-Dichloro-2-butene
Concen: 62.526 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX017416.D
Acq: 17 Jul 2020 13:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 116537

Ion	Ratio	Lower	Upper
75	100		
53	0.4	76.5	114.7#
89	0.0	38.1	57.1#





#94
Hexachlorobutadiene
Concen: 0.306 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX017416.D
Acq: 17 Jul 2020 13:54

Tgt Ion:225 Resp: 666

Ion	Ratio	Lower	Upper
225	100		
223	79.6	31.3	93.8
227	55.7	31.6	95.0