Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX050819\
Data File : VX009404.D
Acq On : 08 May 2019 17:31
Operator : JC/SP
Sample : K2641-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : CL-02-050719-E

Quant Time: May 09 06:31:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 03:31:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	176241	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	284176	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	246015	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	97586	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	115387	47.96	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.92%				
35) Dibromofluoromethane	5.50	113	85988	48.13	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.26%				
50) Toluene-d8	8.71	98	357037	49.50	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.00%				
62) 4-Bromofluorobenzene	11.13	95	113024	43.13	ug/l		0.00
Spiked Amount 50.000			Recovery = 86.26%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	457	0.206	ug/l	#	66
5) Bromomethane	1.64	94	304	0.234	ug/l	#	69
6) Chloroethane	1.72	64	929	0.669	ug/l	#	43
10) Methyl Iodide	2.51	142	75	4.629	ug/l	#	42
11) Tert butyl alcohol	3.05	59	666	1.196	ug/l	#	73
13) Acrolein	2.28	56	185	0.367	ug/l	#	21
16) Acetone	2.45	43	28817	22.306	ug/l		97
18) Methyl Acetate	2.78	43	5461	1.777	ug/l		98
20) Methylene Chloride	2.85	84	57509	27.494	ug/l		98
25) 2-Butanone	4.70	43	2233	1.112	ug/l	#	81
28) Bromochloromethane	5.04	49	29	Below Cal		#	20
29) Tetrahydrofuran	5.15	42	2432	1.883	ug/l		96
30) Chloroform	5.22	83	744	0.215	ug/l		84
31) Cyclohexane	5.66	56	3777	1.062	ug/l	#	1
36) 1,1-Dichloropropene	5.66	75	13624	5.159	ug/l	#	50
38) Carbon Tetrachloride	5.67	117	16431	6.848	ug/l	#	15
43) Isopropyl Acetate	6.45	43	12576	2.137	ug/l		99
48) Methyl methacrylate	7.68	41	7843	2.686	ug/l	#	18
49) 1,4-Dioxane	7.60	88	19	0.321	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.62	43	86722	22.543	ug/l	#	51
54) cis-1,3-Dichloropropene	8.62	75	38043	11.356	ug/l	#	59
57) 1,3-Dichloropropane	9.54	76	8573	2.404	ug/l	#	44
59) 2-Hexanone	9.44	43	12181	4.032	ug/l	#	26
68) m/p-Xylenes	10.36	106	834	0.252	ug/l		95
74) N-amyl acetate	10.69	43	12872	3.111	ug/l	#	57
76) 1,2,3-Trichloropropane	11.13	75	57325	25.324	ug/l	#	34
80) 1,3,5-Trimethylbenzene	11.51	105	2923	0.489	ug/l		93
81) trans-1,4-Dichloro-2-buten	11.13	75	57325	64.796	ug/l	#	10
84) 1,2,4-Trimethylbenzene	11.80	105	3429	0.572	ug/l		93
95) Naphthalene	13.83	128	105053	14.765	ug/l		100

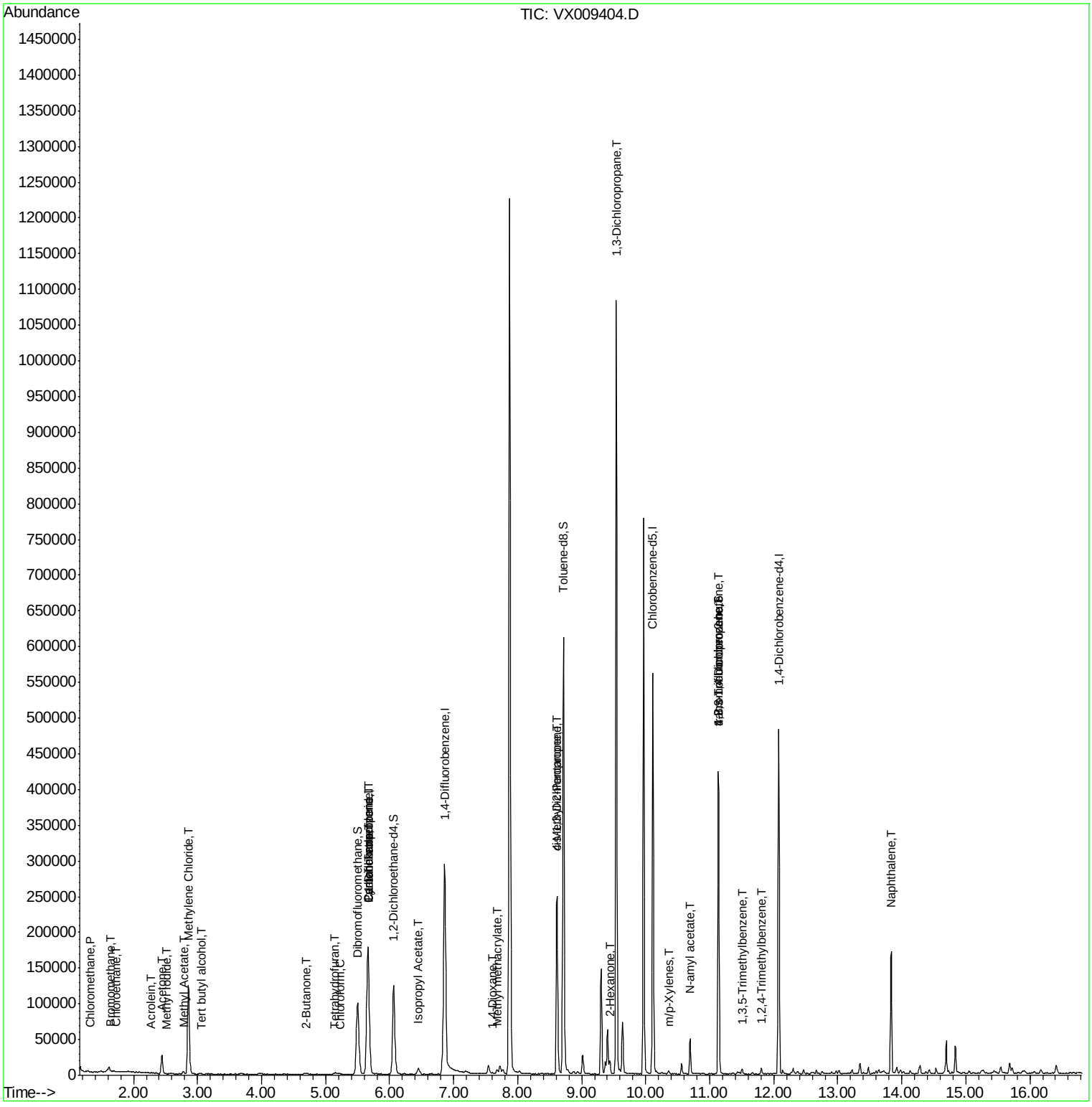
(#) = qualifier out of range (m) = manual integration (+) = signals summed

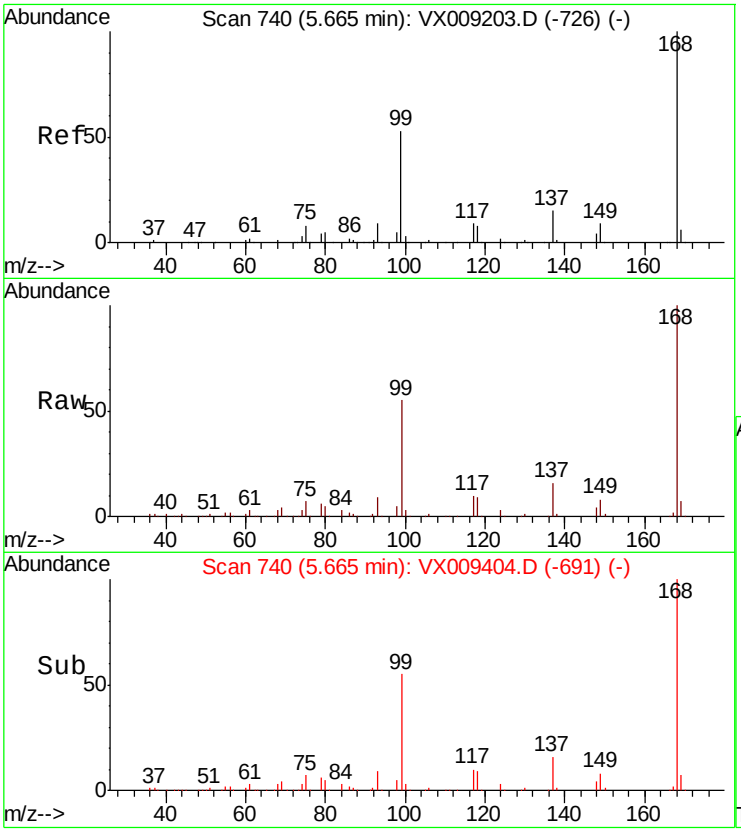
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX050819\
Data File : VX009404.D
Acq On : 08 May 2019 17:31
Operator : JC/SP
Sample : K2641-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CL-02-050719-E

Quant Time: May 09 06:31:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 03:31:13 2019
Response via : Initial Calibration



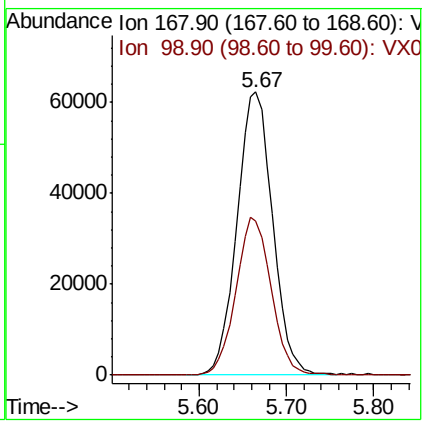


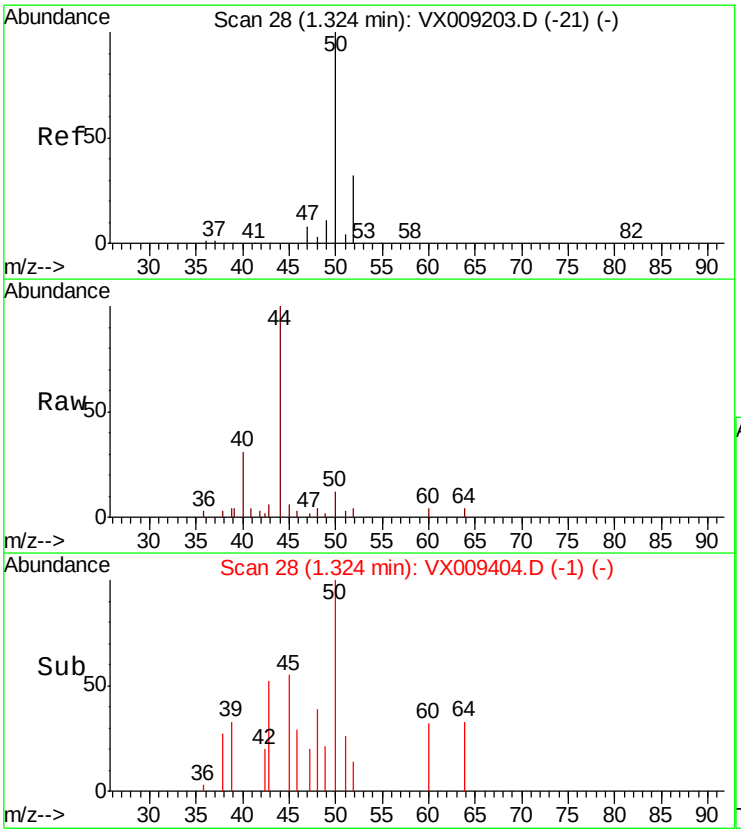
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Instrument :
MSVOA_X
ClientSampleId :
CL-02-050719-E

Tgt Ion:168 Resp: 176241

Ion	Ratio	Lower	Upper
168	100		
99	54.5	42.3	63.5

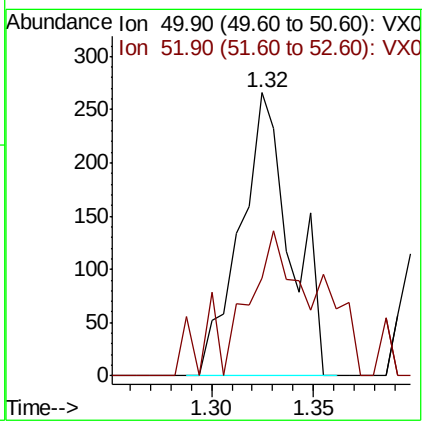


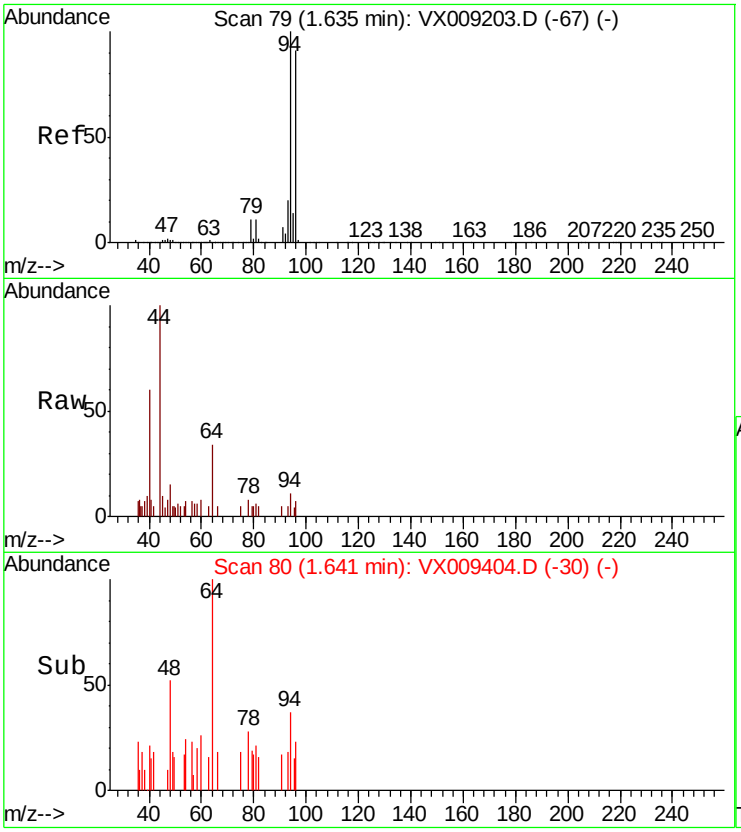


#3
Chloromethane
Concen: 0.206 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Tgt Ion: 50 Resp: 457

Ion	Ratio	Lower	Upper
50	100		
52	13.5	25.9	38.9#



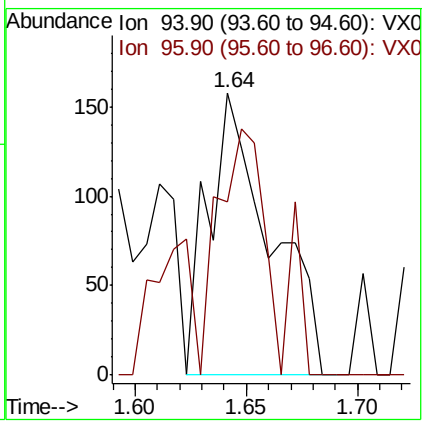


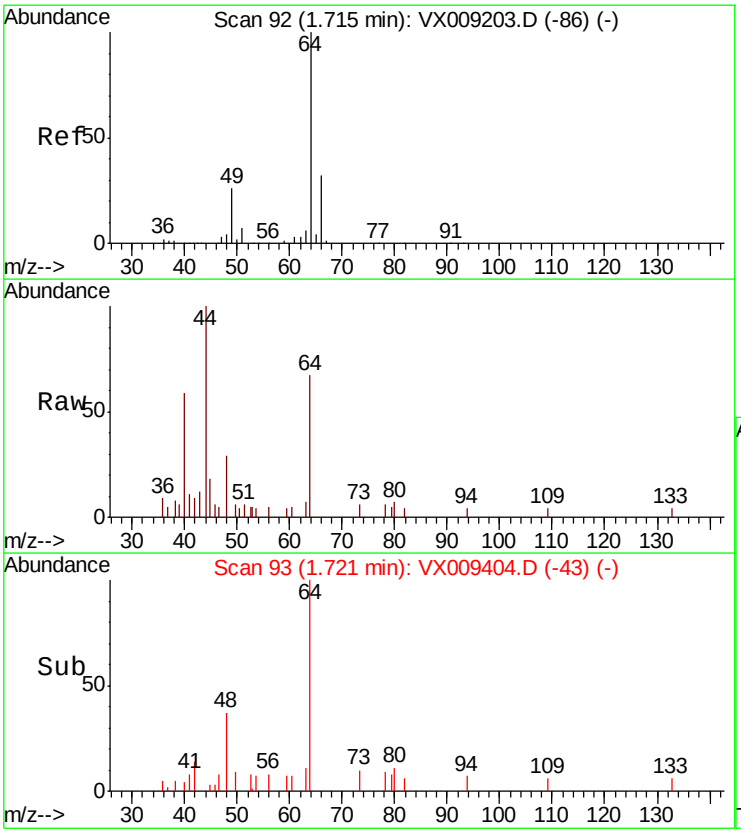
#5
Bromomethane
Concen: 0.234 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Instrument :
MSVOA_X
ClientSampleId :
CL-02-050719-E

Tgt Ion: 94 Resp: 304

Ion	Ratio	Lower	Upper
94	100		
96	61.4	73.0	109.6#

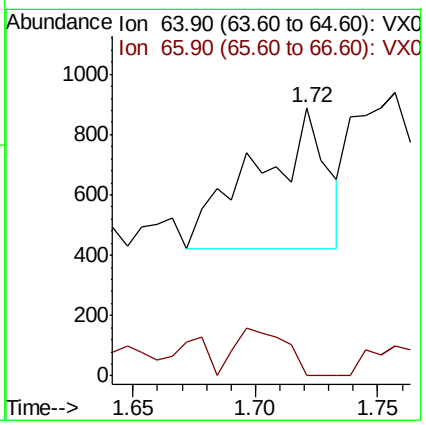


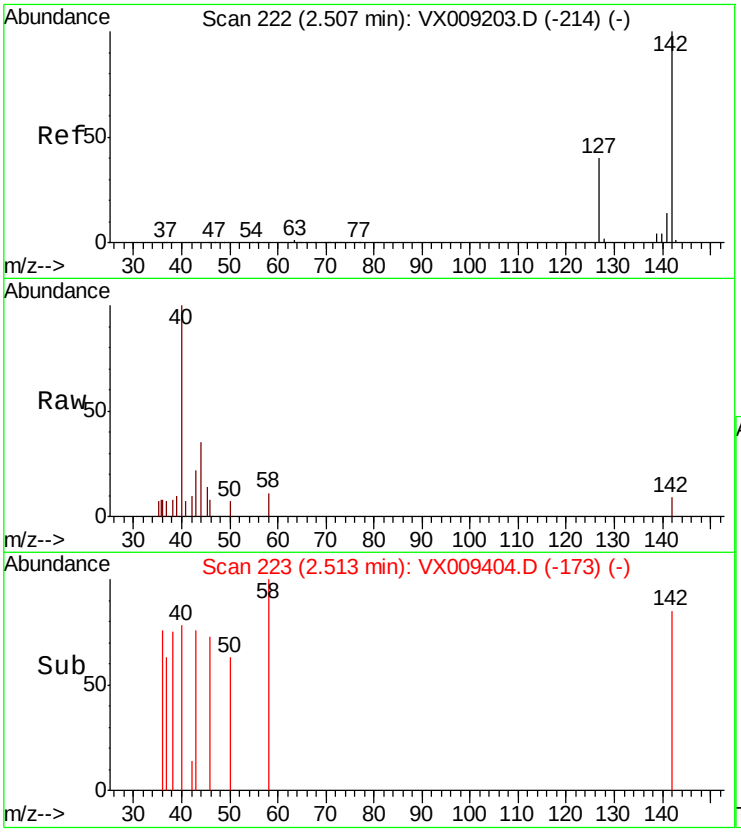


#6
Chloroethane
Concen: 0.669 ug/l
RT: 1.72 min Scan# 93
Delta R.T. 0.01 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Tgt Ion: 64 Resp: 929

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.3	37.9#



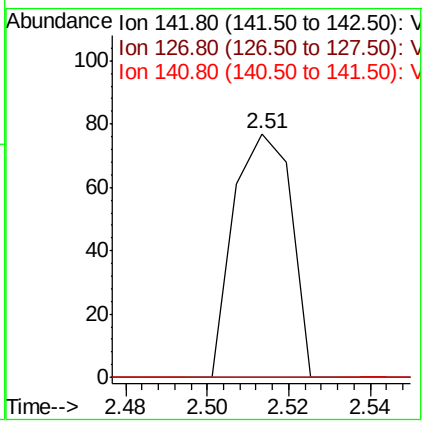


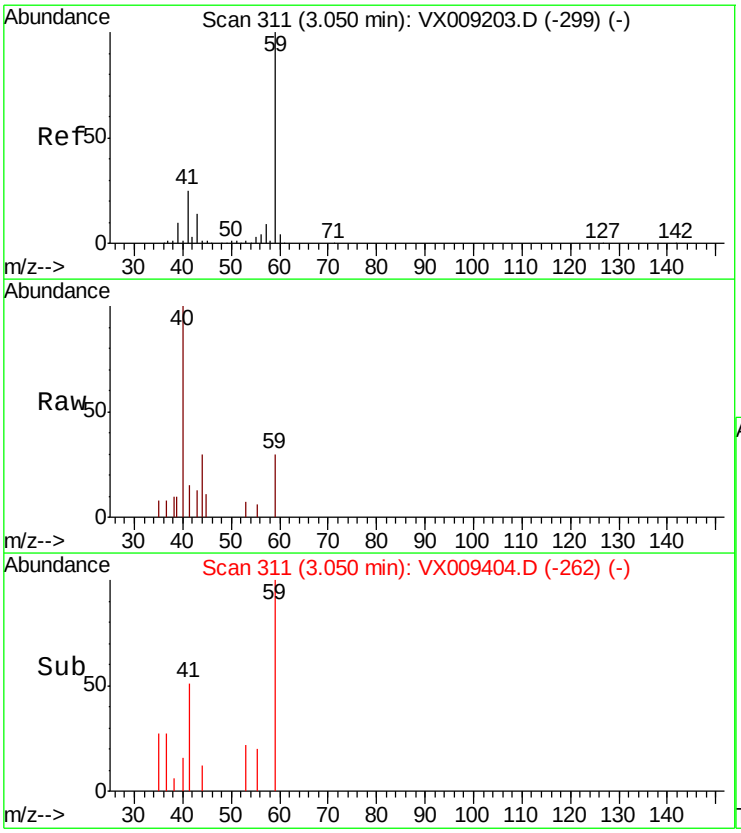
#10
Methyl Iodide
Concen: 4.629 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Instrument : MSVOA_X
ClientSampleId : CL-02-050719-E

Tgt Ion:142 Resp: 75

Ion	Ratio	Lower	Upper
142	100		
127	0.0	32.7	49.1#
141	0.0	11.5	17.3#

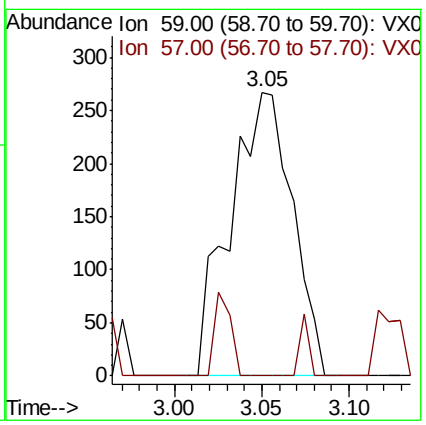


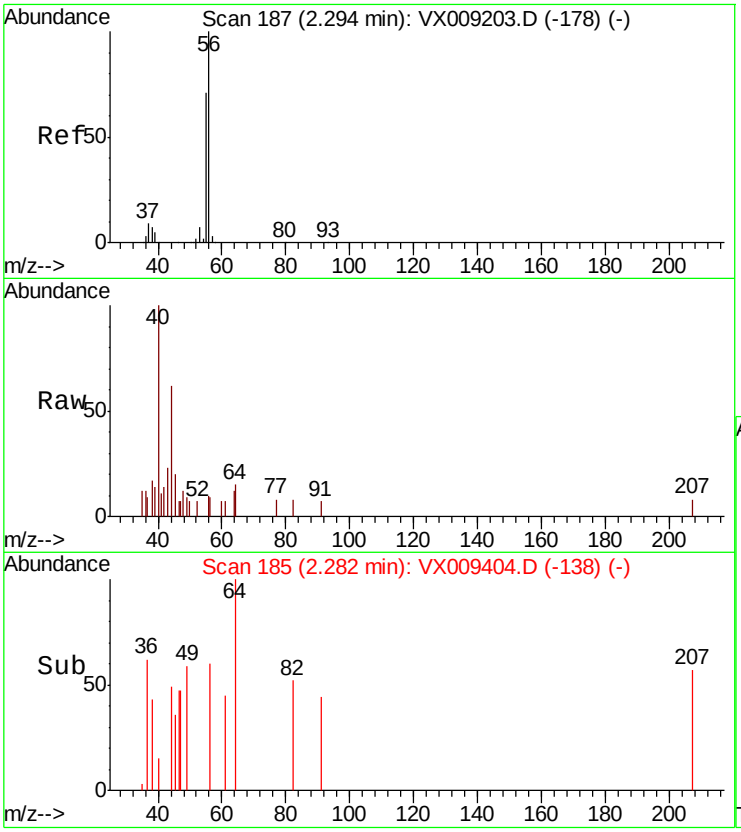


#11
Tert butyl alcohol
Concen: 1.196 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Tgt Ion: 59 Resp: 666

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#



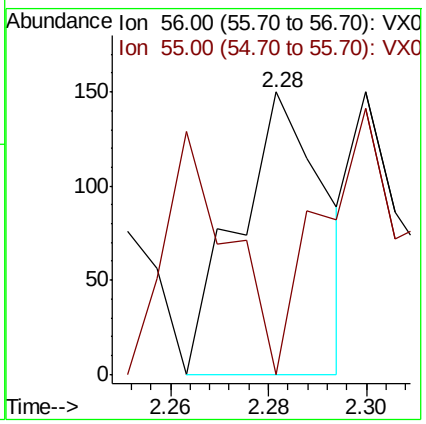


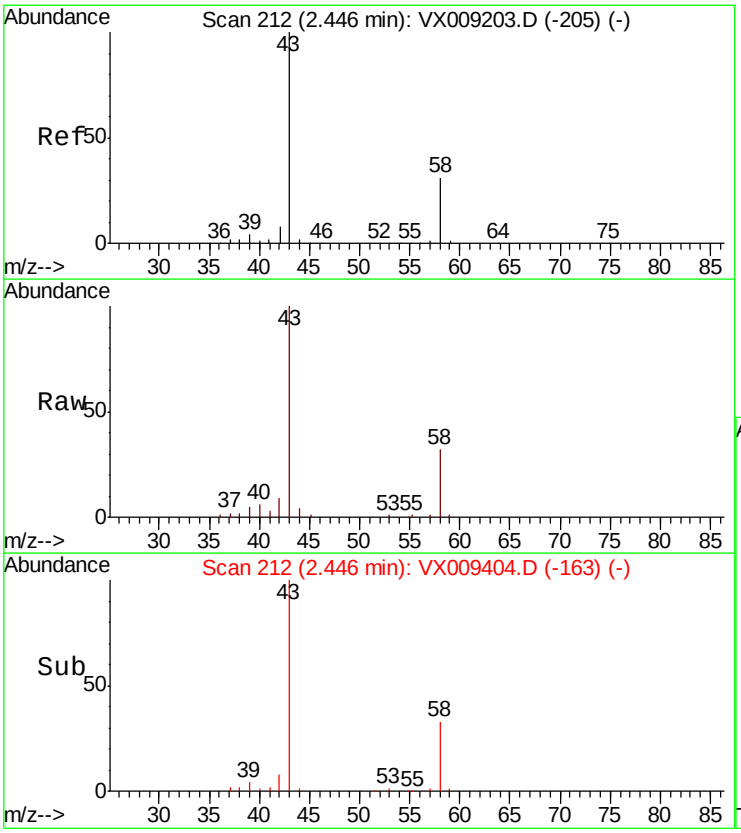
#13
Acrolein
Concen: 0.367 ug/l
RT: 2.28 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Instrument :
MSVOA_X
ClientSampleId :
CL-02-050719-E

Tgt Ion: 56 Resp: 185

Ion	Ratio	Lower	Upper
56	100		
55	135.7	56.6	85.0#

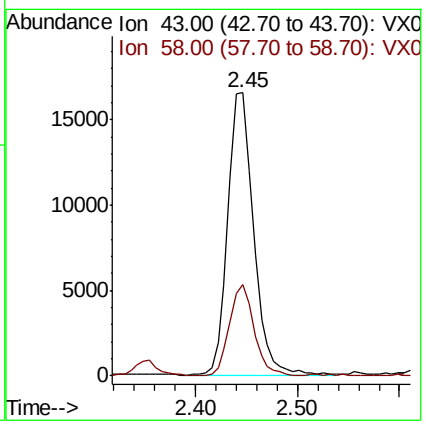


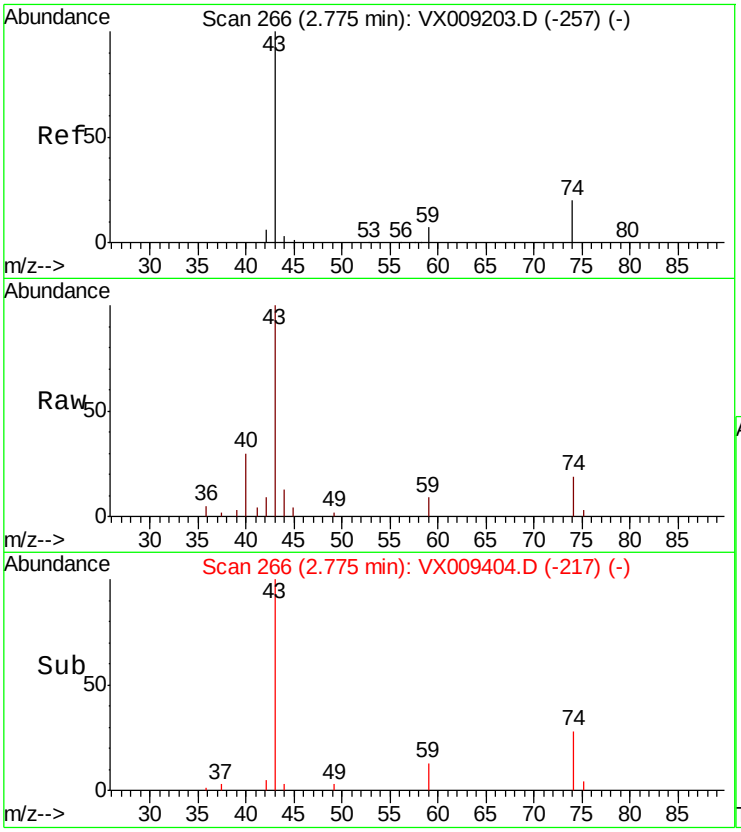


#16
Acetone
Concen: 22.306 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Tgt Ion: 43 Resp: 28817

Ion	Ratio	Lower	Upper
43	100		
58	32.6	24.9	37.3



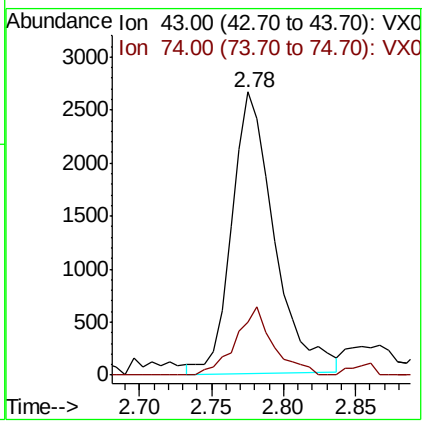


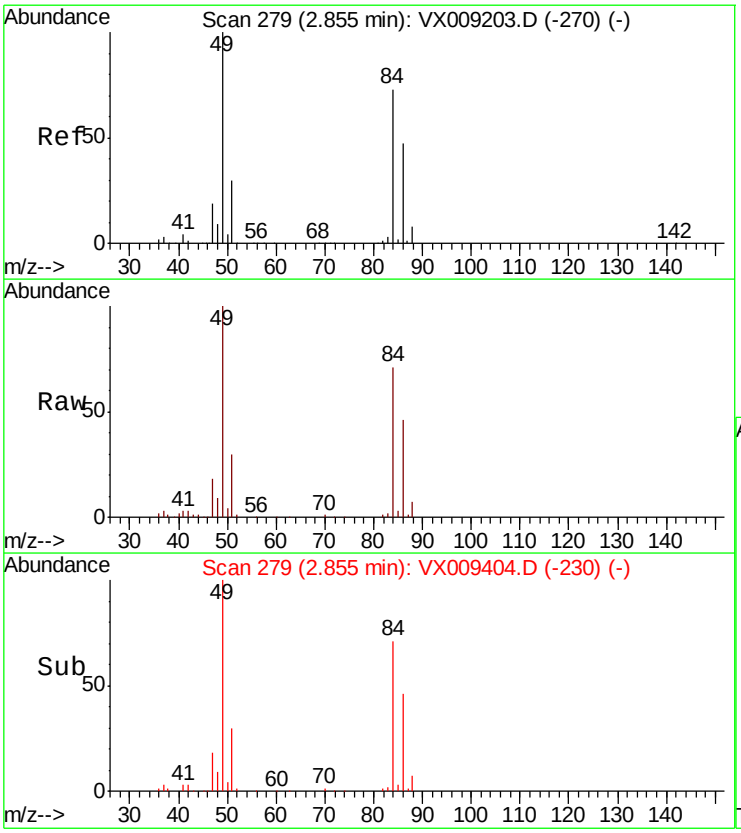
#18
Methyl Acetate
Concen: 1.777 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Instrument : MSVOA_X
ClientSampleId : CL-02-050719-E

Tgt Ion: 43 Resp: 5461

Ion	Ratio	Lower	Upper
43	100		
74	21.3	16.2	24.4

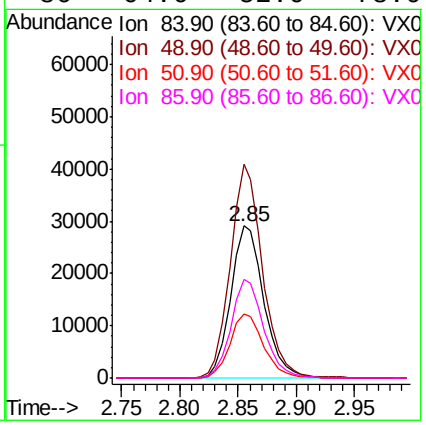


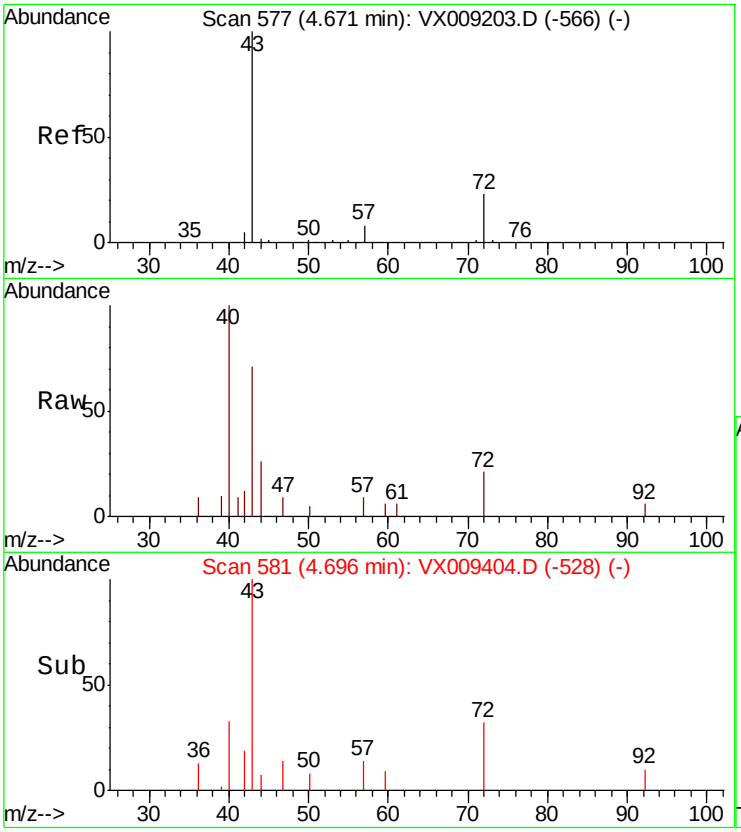


#20
Methylene Chloride
Concen: 27.494 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Tgt Ion: 84 Resp: 57509

Ion	Ratio	Lower	Upper
84	100		
49	140.8	109.9	164.9
51	42.3	32.7	49.1
86	64.6	52.0	78.0



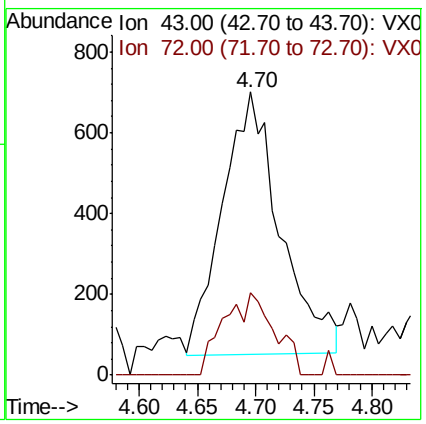


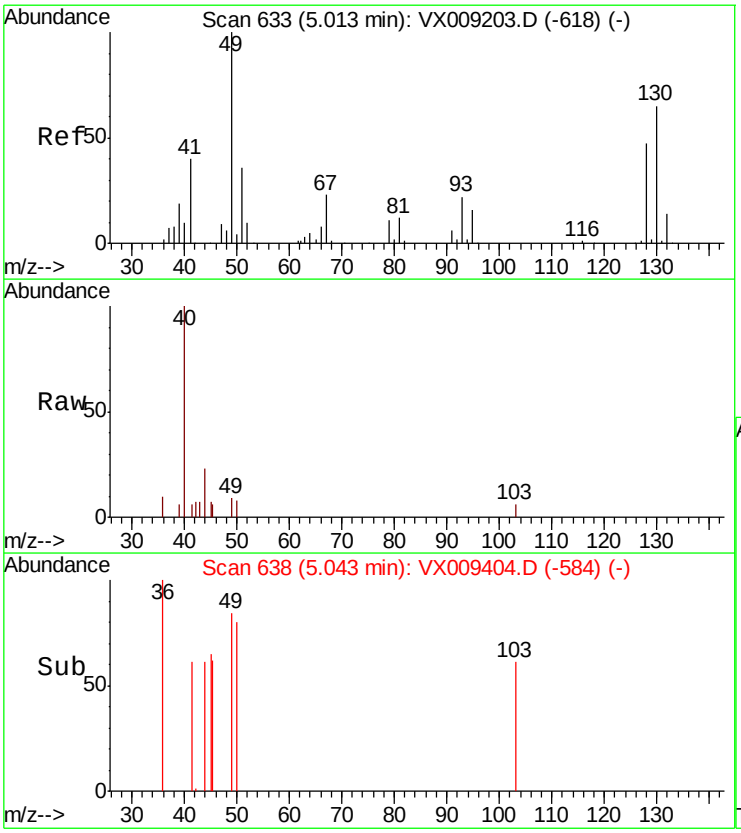
#25
2-Butanone
Concen: 1.112 ug/l
RT: 4.70 min Scan# 581
Delta R.T. 0.02 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Instrument :
MSVOA_X
ClientSampleId :
CL-02-050719-E

Tgt Ion: 43 Resp: 2233

Ion	Ratio	Lower	Upper
43	100		
72	31.6	18.2	27.2#

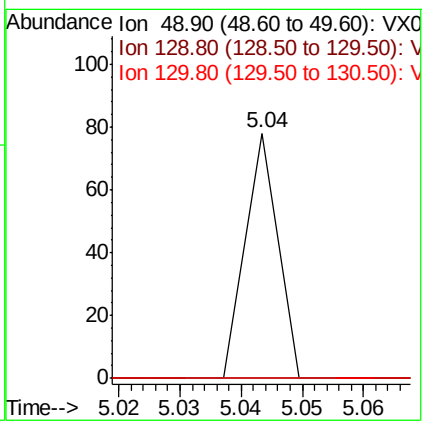


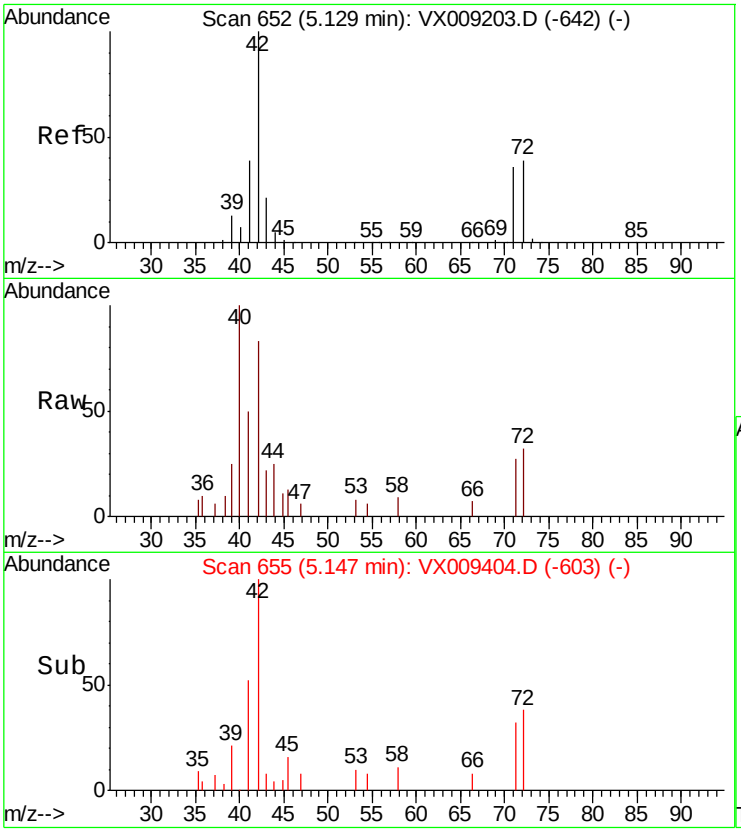


#28
Bromochloromethane
Concen: Below Cal
RT: 5.04 min Scan# 638
Delta R.T. 0.03 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Tgt Ion: 49 Resp: 29

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	51.2	76.8#



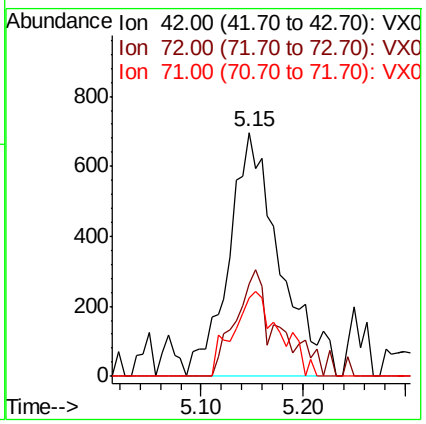


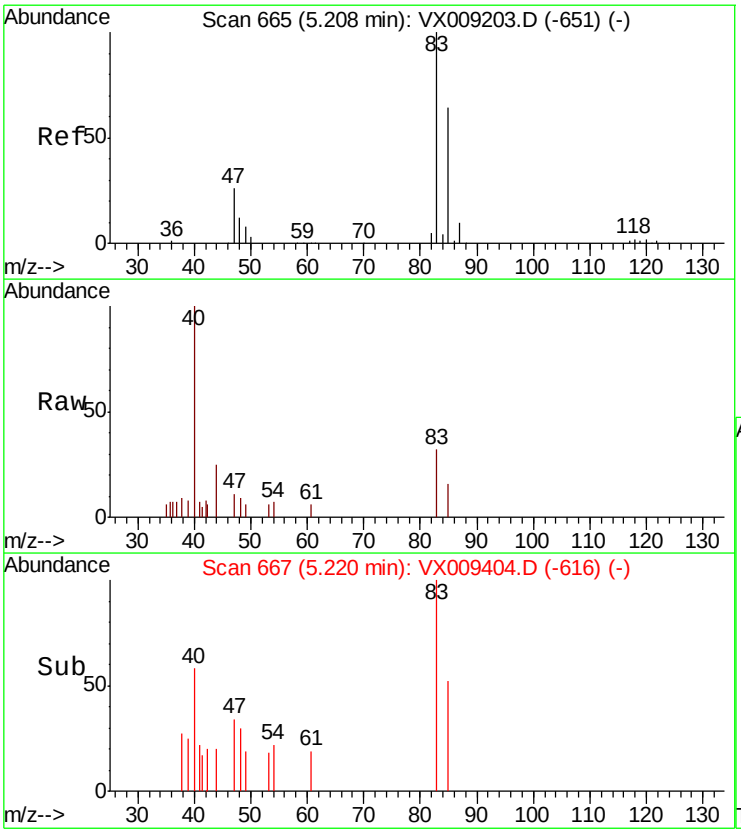
#29
Tetrahydrofuran
Concen: 1.883 ug/l
RT: 5.15 min Scan# 655
Delta R.T. 0.02 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Instrument :
MSVOA_X
ClientSampleId :
CL-02-050719-E

Tgt Ion: 42 Resp: 2432

Ion	Ratio	Lower	Upper
42	100		
72	37.0	30.4	45.6
71	31.7	28.6	43.0

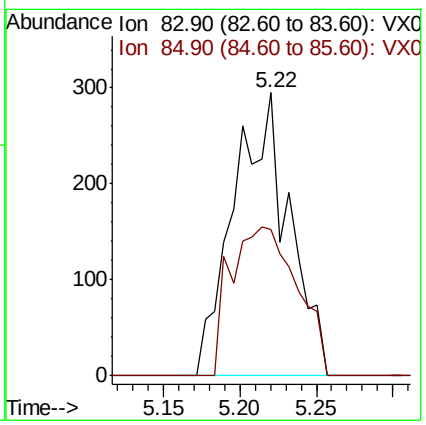


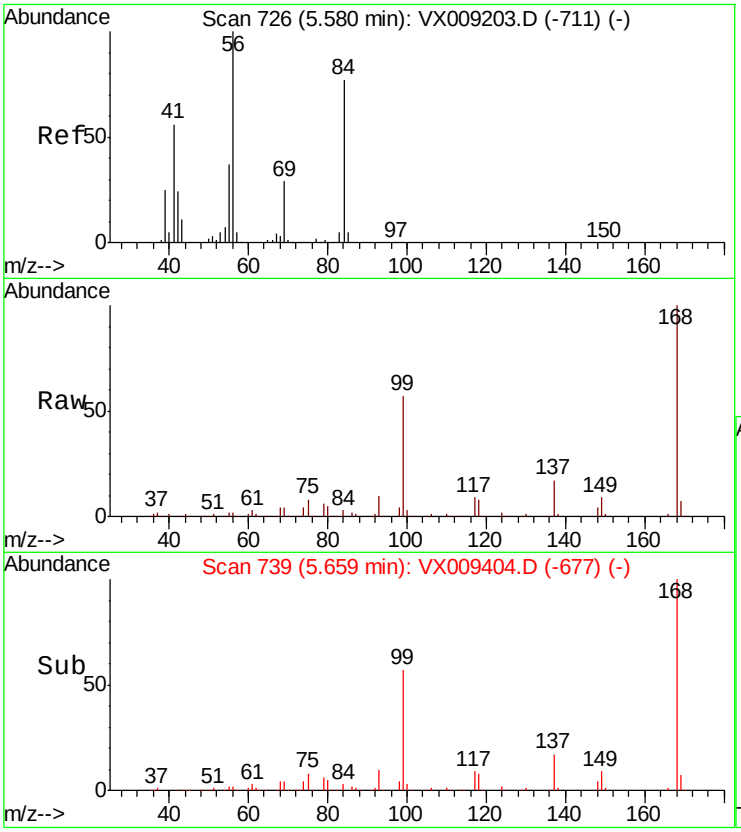


#30
Chloroform
Concen: 0.215 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Tgt Ion: 83 Resp: 744

Ion	Ratio	Lower	Upper
83	100		
85	51.9	51.5	77.3



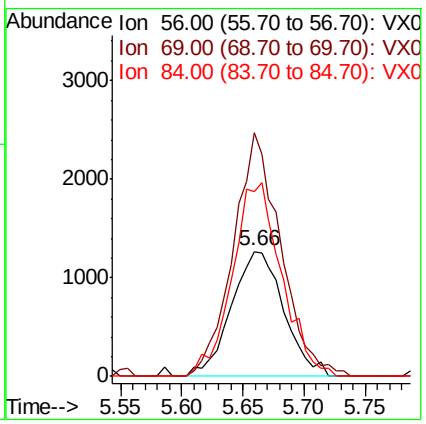


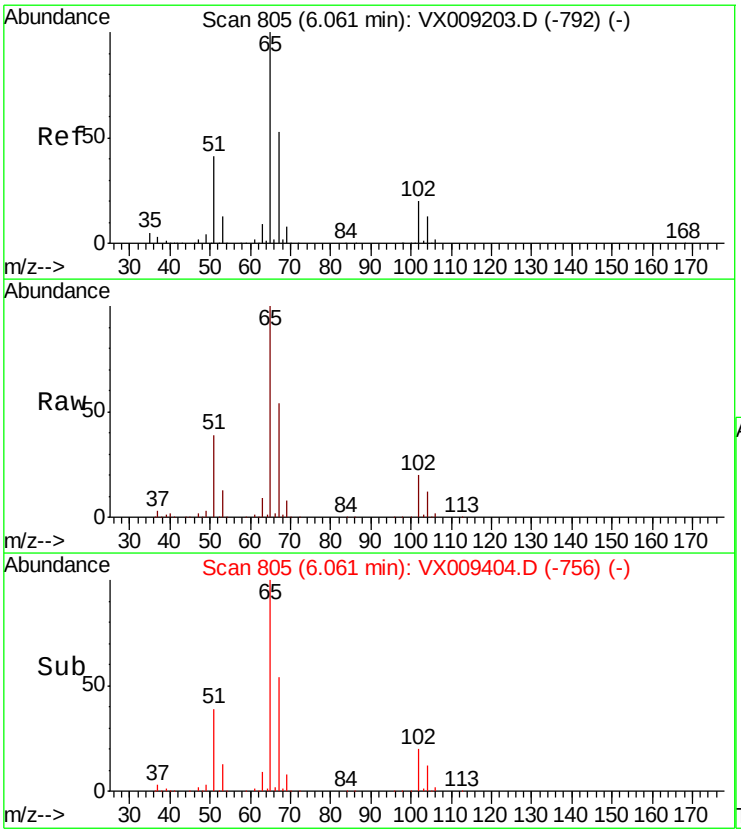
#31
Cyclohexane
Concen: 1.062 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Instrument : MSVOA_X
ClientSampleId : CL-02-050719-E

Tgt Ion: 56 Resp: 3777

Ion	Ratio	Lower	Upper
56	100		
69	195.4	23.4	35.0#
84	148.6	61.9	92.9#

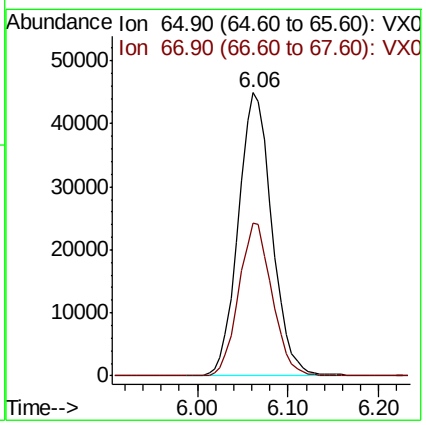


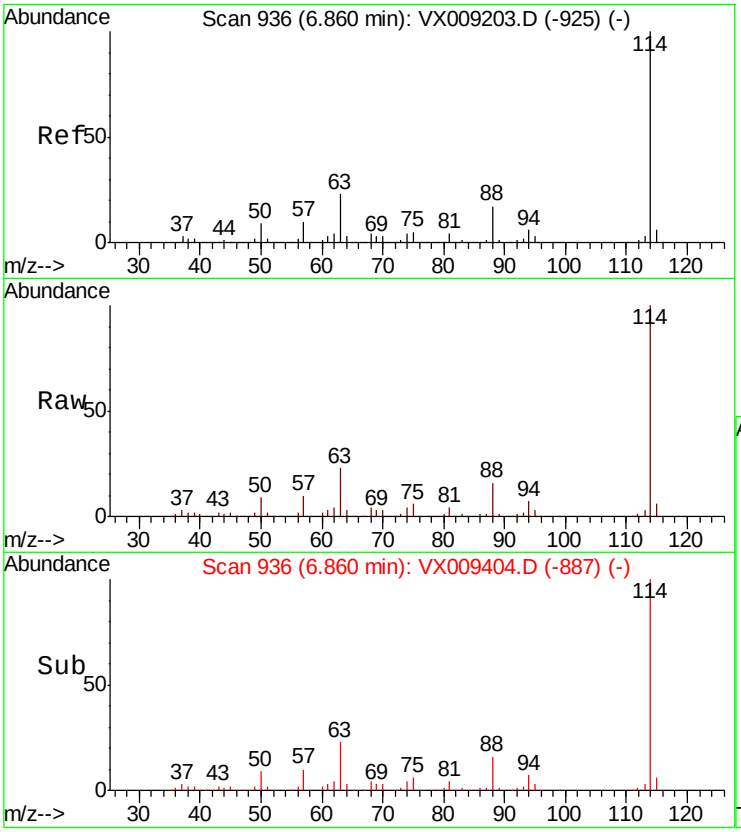


#33
1,2-Dichloroethane-d4
Concen: 47.960 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Tgt Ion: 65 Resp: 115387

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	106.6



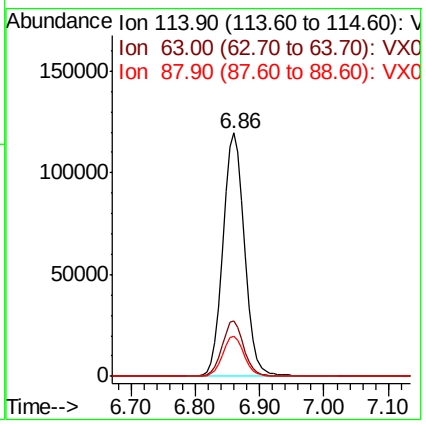


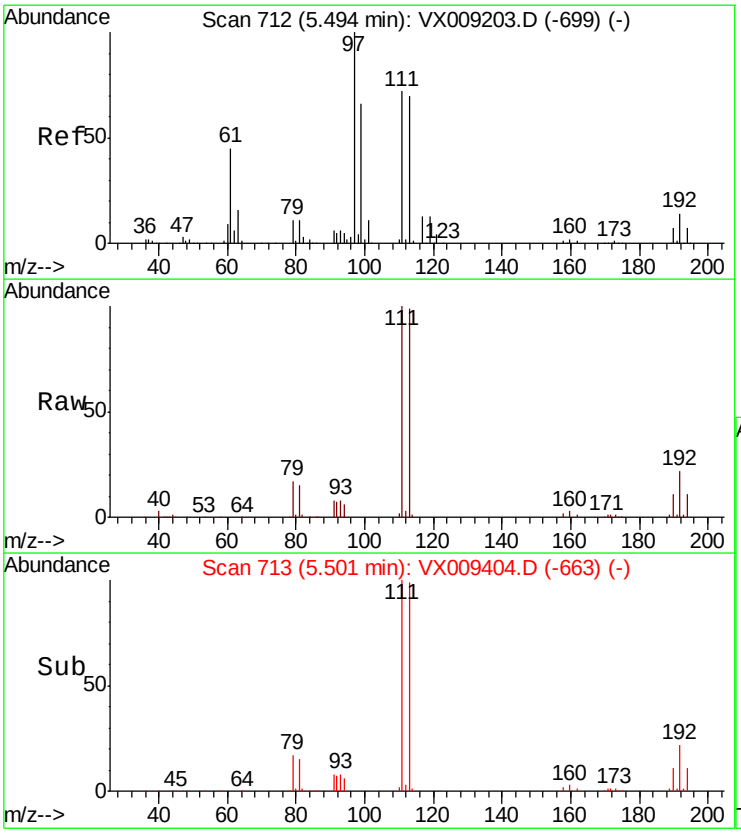
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Instrument :
MSVOA_X
ClientSampleId :
CL-02-050719-E

Tgt Ion:114 Resp: 284176

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	45.6
88	16.2	0.0	33.2

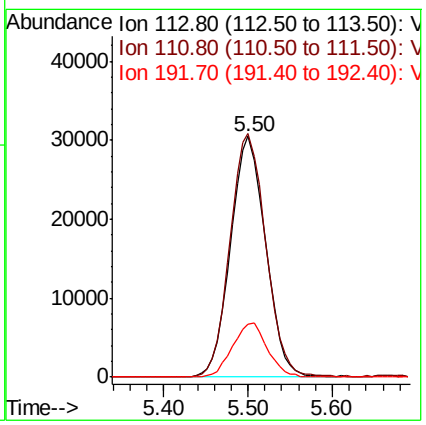


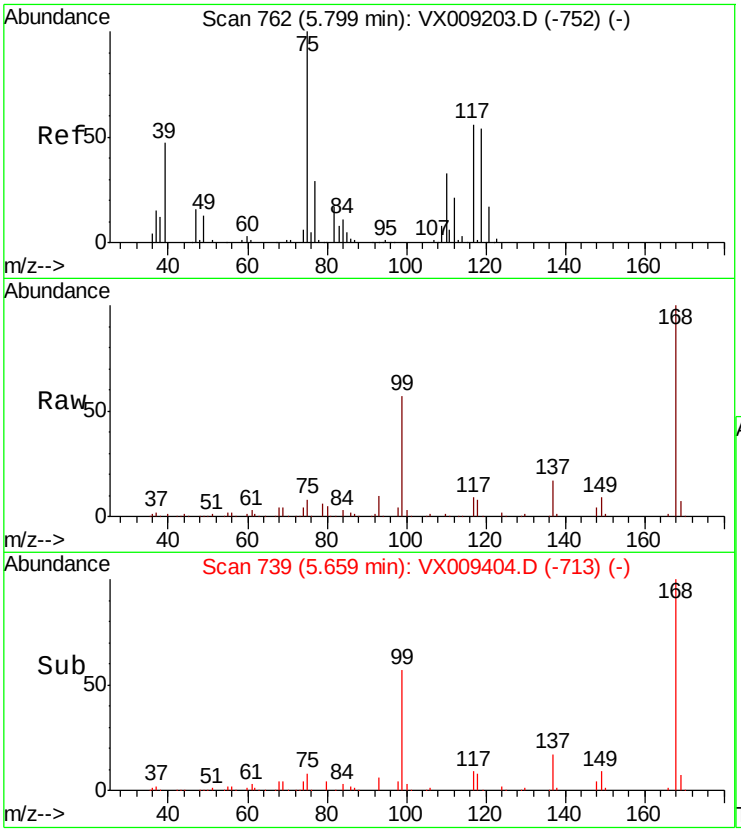


#35
Dibromofluoromethane
Concen: 48.134 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Tgt Ion:113 Resp: 85988

Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.8	124.2
192	22.3	17.0	25.6



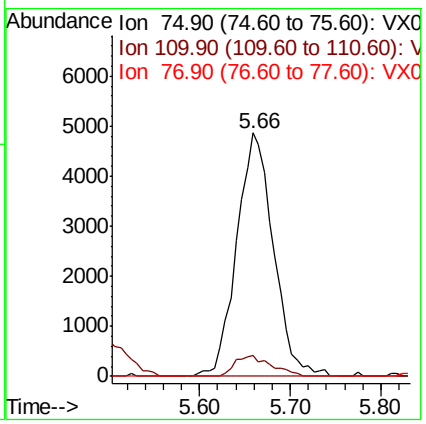


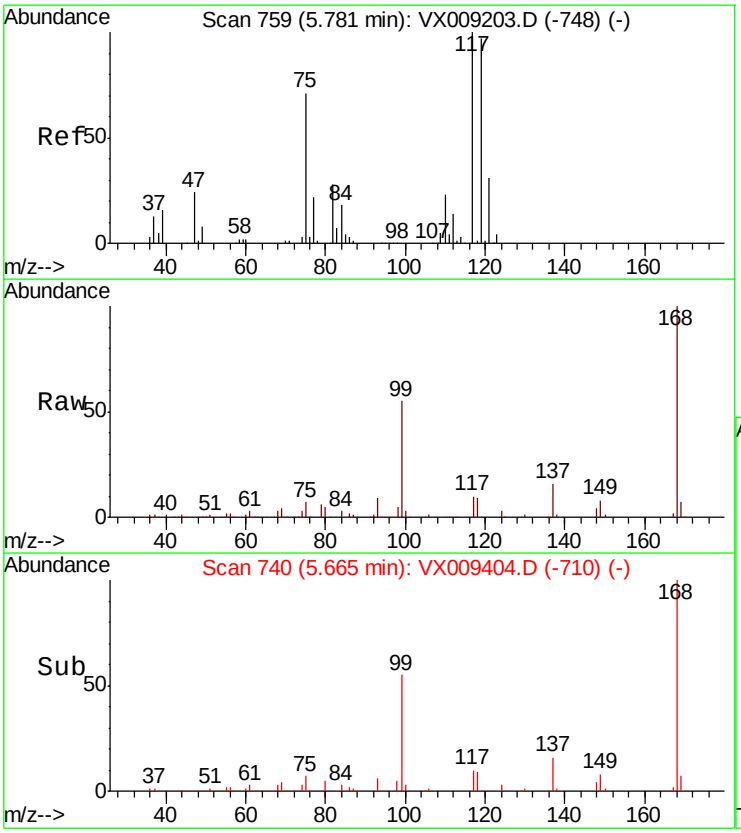
#36
1,1-Dichloropropene
Concen: 5.159 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Instrument :
MSVOA_X
ClientSampleId :
CL-02-050719-E

Tgt Ion: 75 Resp: 13624

Ion	Ratio	Lower	Upper
75	100		
110	8.5	16.9	50.6#
77	0.0	24.8	37.2#

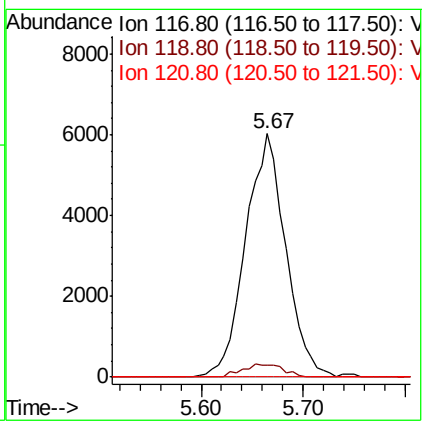


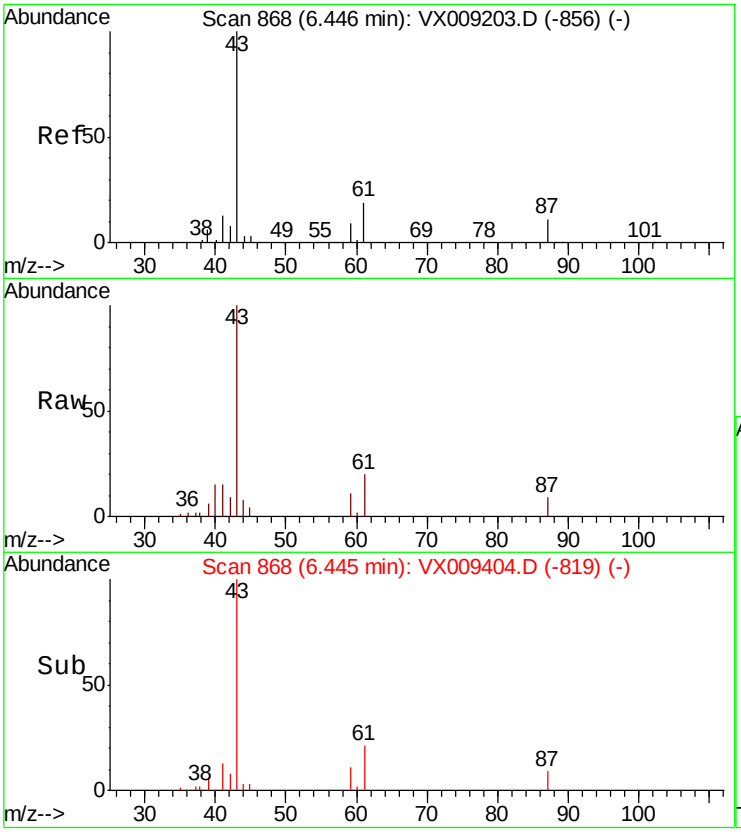


#38
Carbon Tetrachloride
Concen: 6.848 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Tgt Ion:117 Resp: 16431

Ion	Ratio	Lower	Upper
117	100		
119	4.8	77.5	116.3#
121	0.0	24.7	37.1#



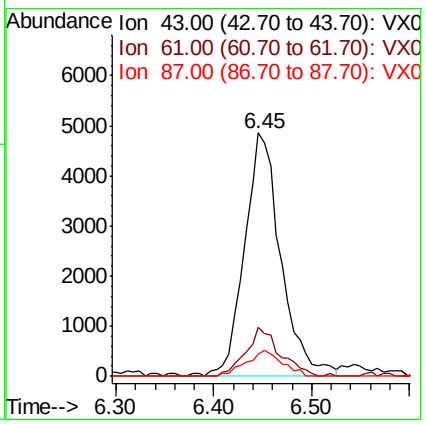


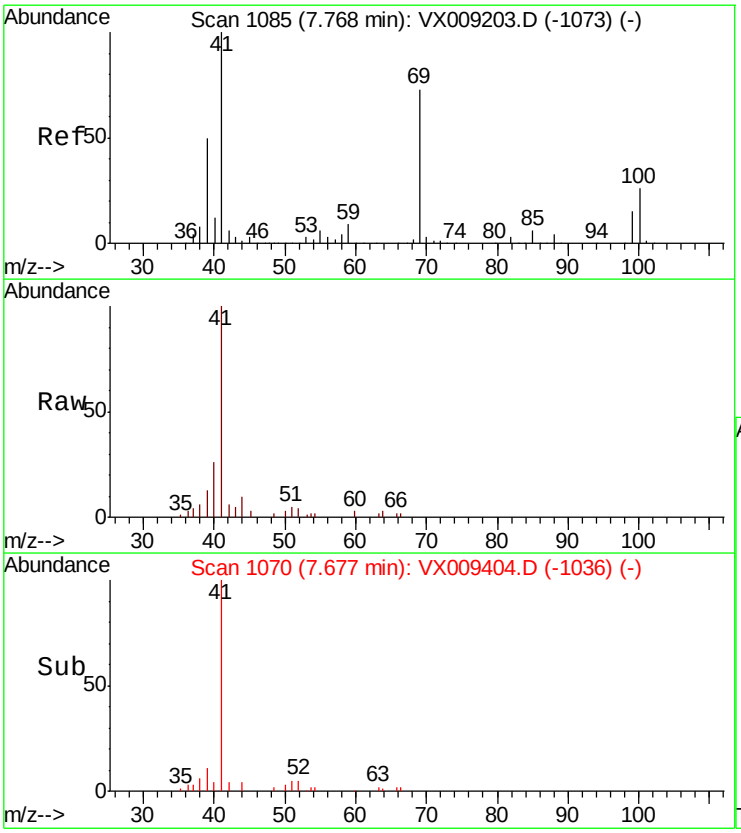
#43
Isopropyl Acetate
Concen: 2.137 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Instrument : MSVOA_X
ClientSampleId : CL-02-050719-E

Tgt Ion: 43 Resp: 12576

Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.1	22.7
87	10.5	9.0	13.6

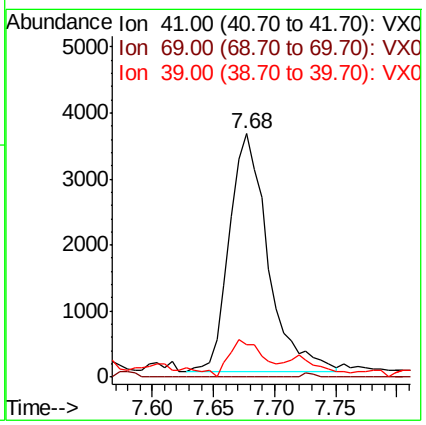


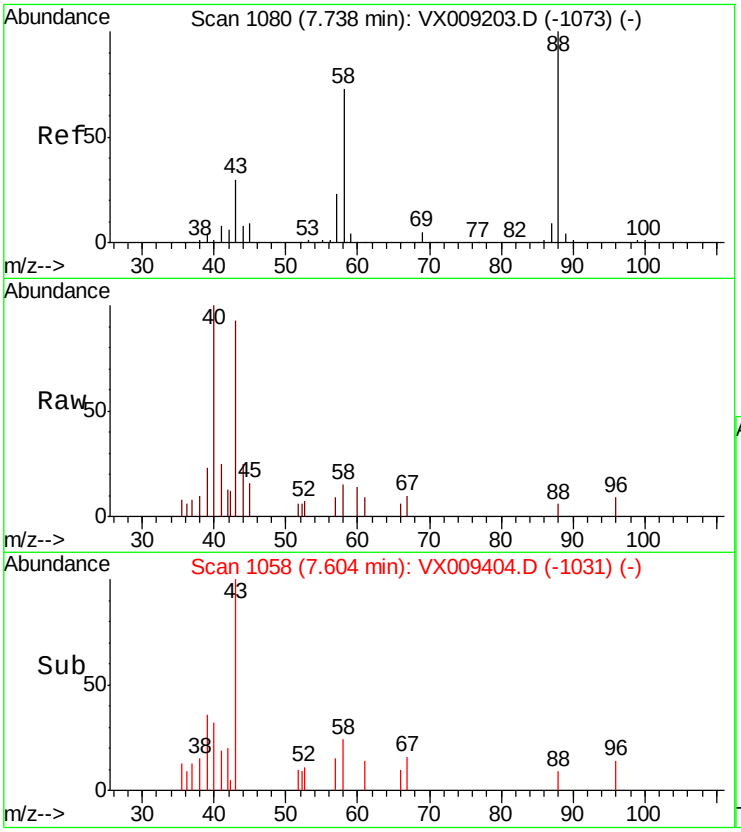


#48
Methyl methacrylate
Concen: 2.686 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Tgt Ion: 41 Resp: 7843

Ion	Ratio	Lower	Upper
41	100		
69	0.0	59.1	88.7#
39	0.0	40.4	60.6#



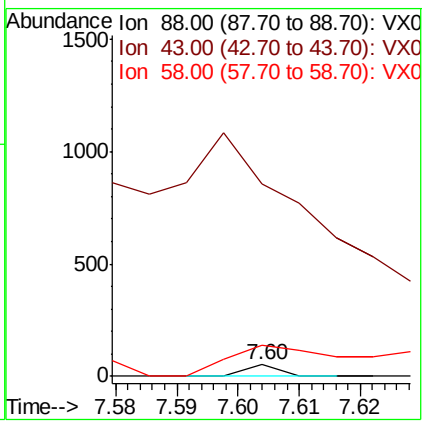


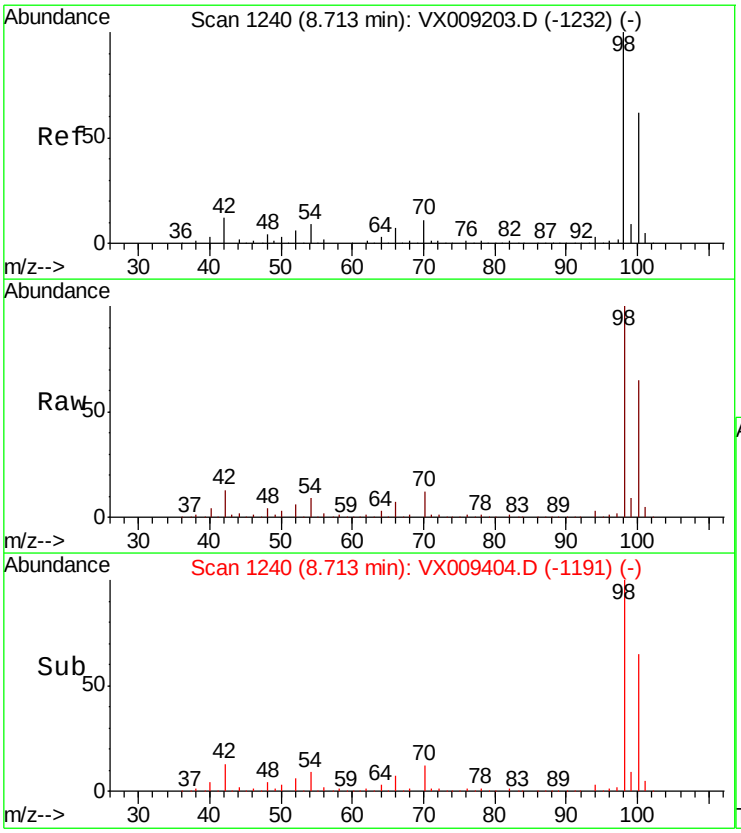
#49
1,4-Dioxane
Concen: 0.321 ug/l
RT: 7.60 min Scan# 1058
Delta R.T. -0.13 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Instrument : MSVOA_X
ClientSampleId : CL-02-050719-E

Tgt Ion: 88 Resp: 19

Ion	Ratio	Lower	Upper
88	100		
43	0.0	28.6	42.8#
58	1305.3	61.7	92.5#

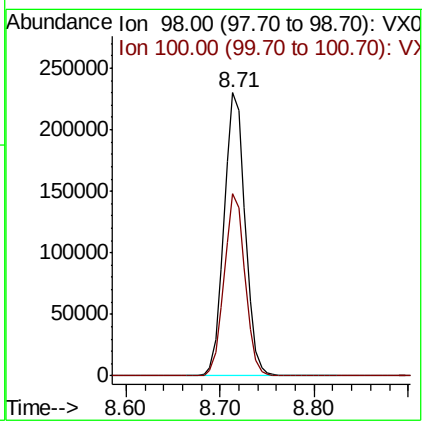


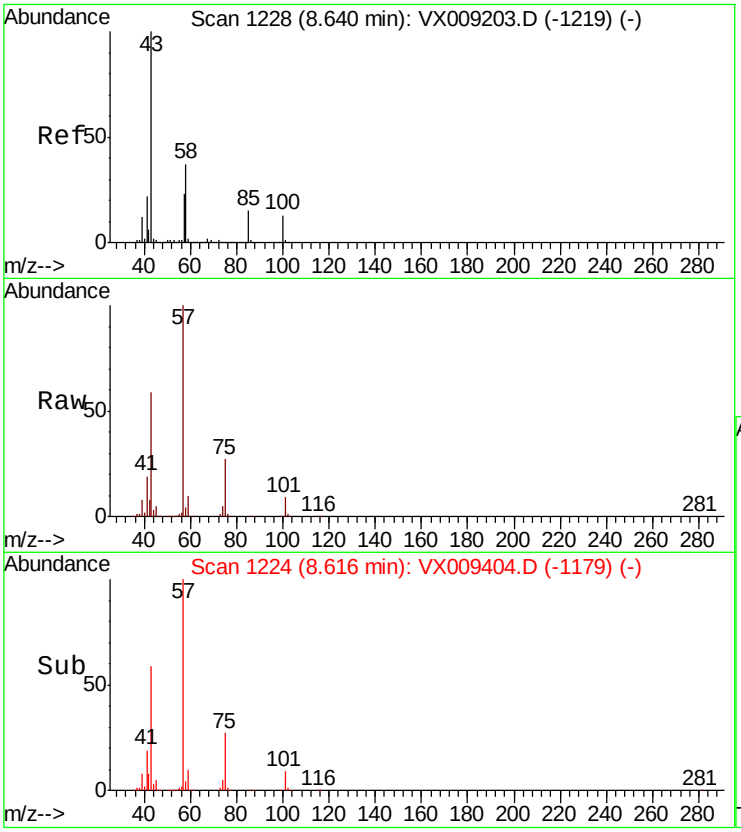


#50
Toluene-d8
Concen: 49.504 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Tgt Ion: 98 Resp: 357037

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.2	76.8



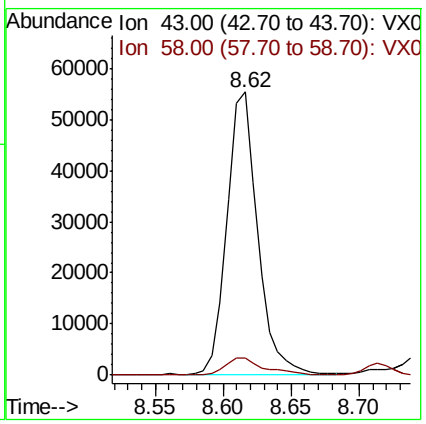


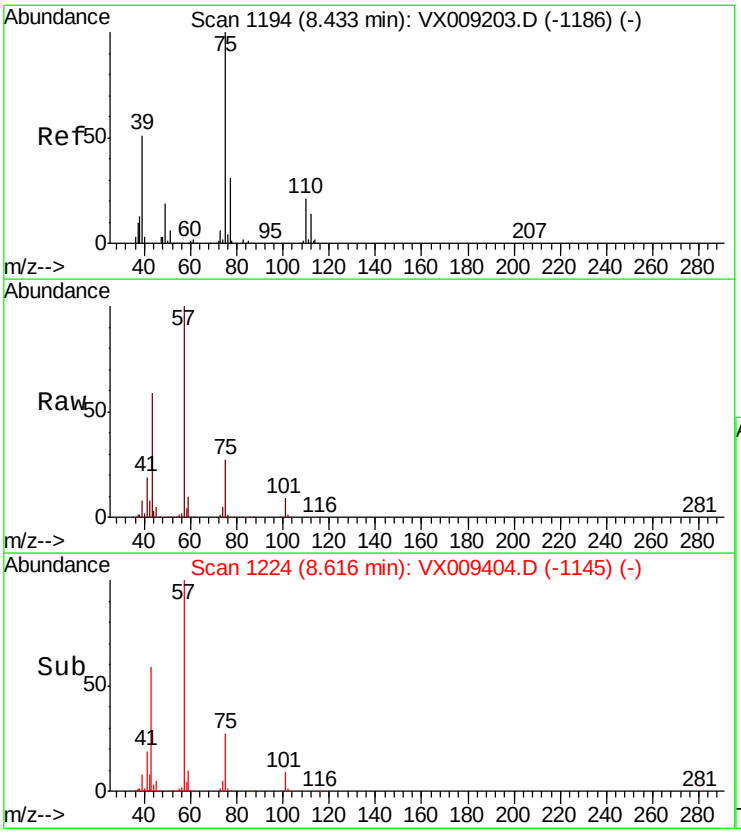
#51
4-Methyl-2-Pentanone
Concen: 22.543 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.02 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Instrument :
MSVOA_X
ClientSampleId :
CL-02-050719-E

Tgt Ion: 43 Resp: 86722

Ion	Ratio	Lower	Upper
43	100		
58	7.8	29.5	44.3#

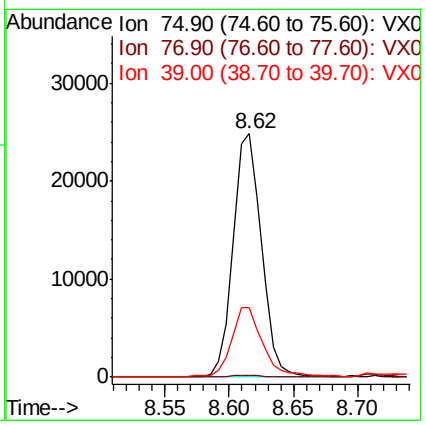


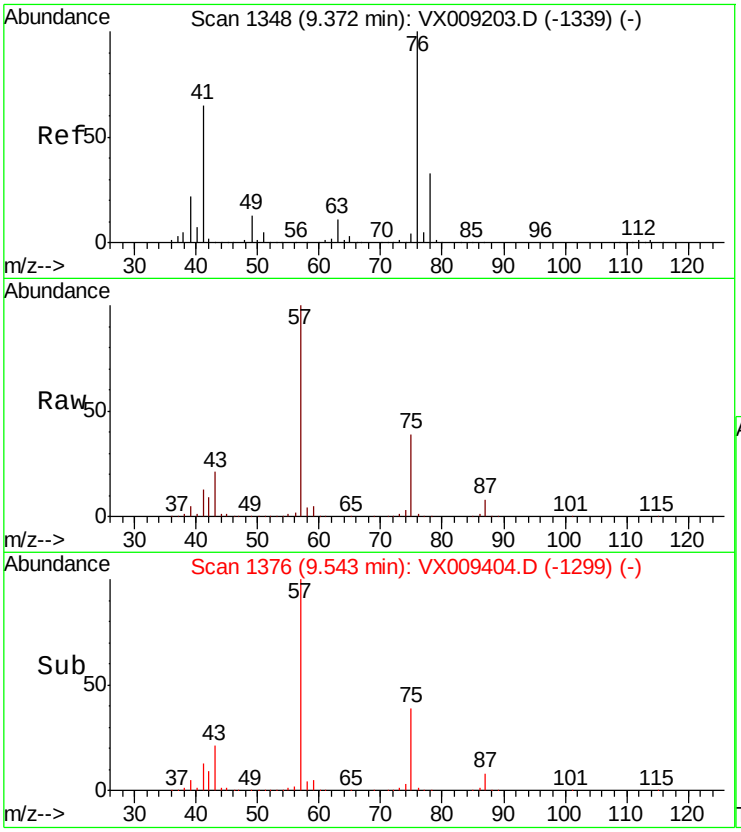


#54
cis-1,3-Dichloropropene
Concen: 11.356 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Tgt Ion: 75 Resp: 38043

Ion	Ratio	Lower	Upper
75	100		
77	0.5	24.6	36.8#
39	28.3	40.6	60.8#



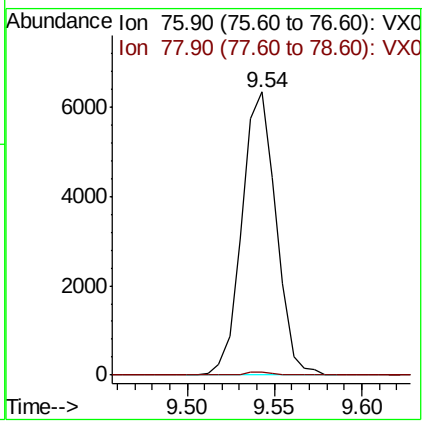


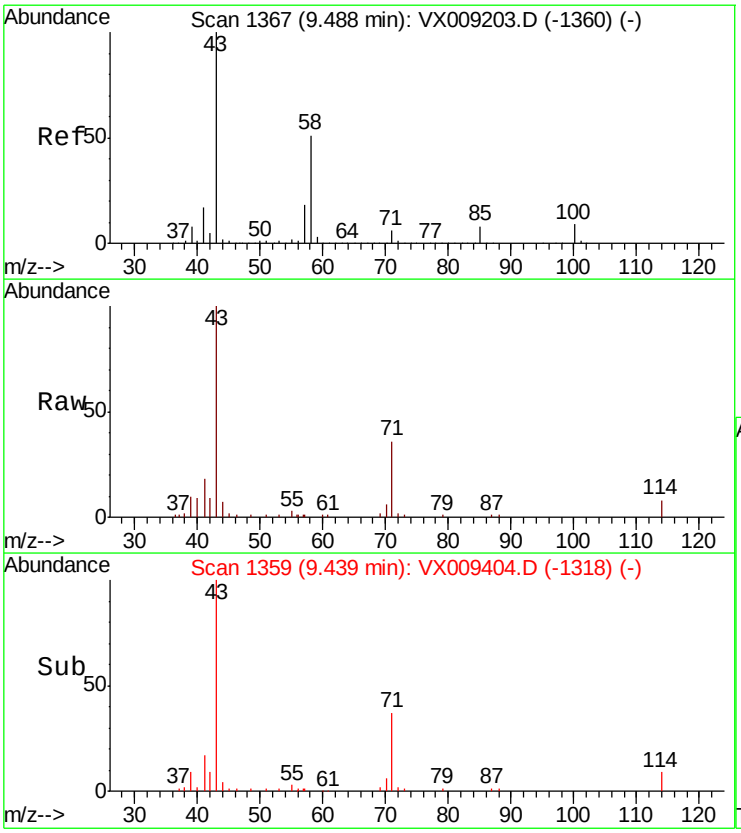
#57
1,3-Dichloropropane
Concen: 2.404 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Instrument :
MSVOA_X
ClientSampleId :
CL-02-050719-E

Tgt Ion: 76 Resp: 8573

Ion	Ratio	Lower	Upper
76	100		
78	0.7	25.5	38.3#

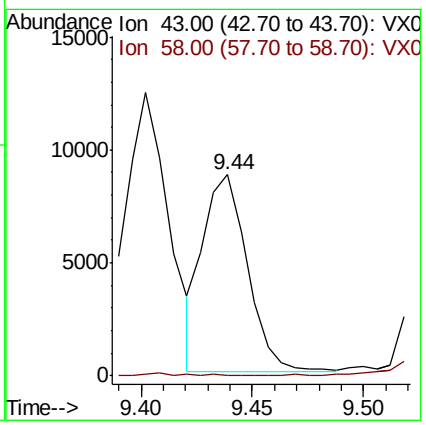


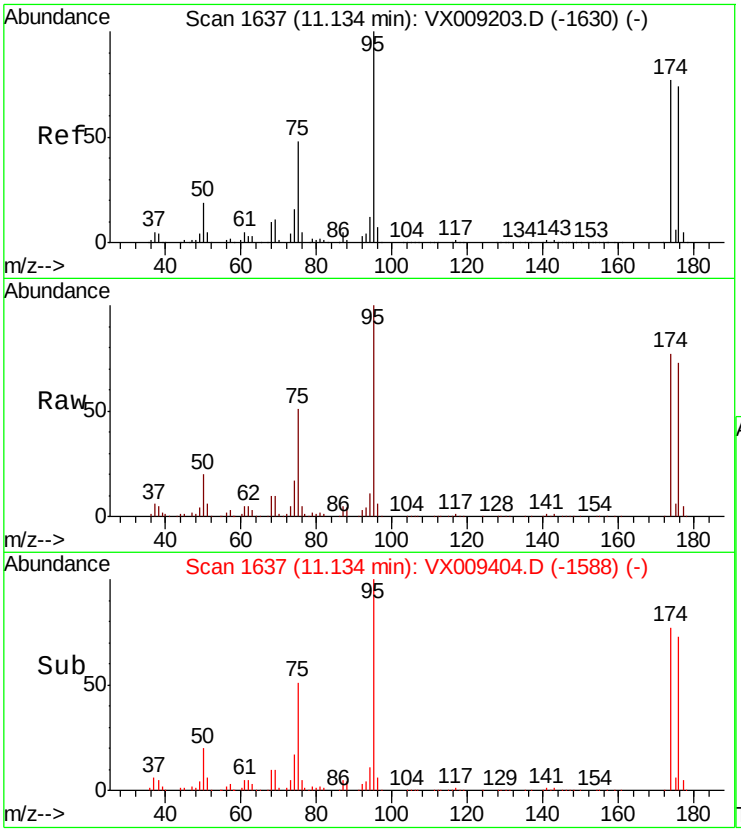


#59
2-Hexanone
Concen: 4.032 ug/l
RT: 9.44 min Scan# 1359
Delta R.T. -0.05 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Tgt Ion: 43 Resp: 12181

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.9	77.7#



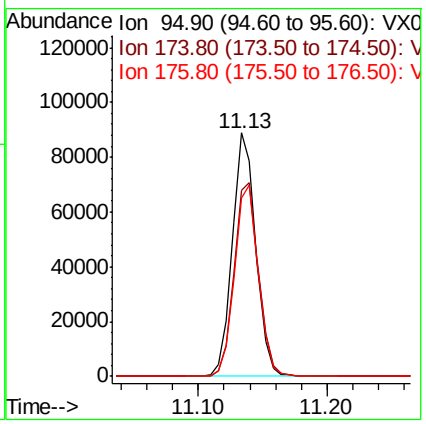


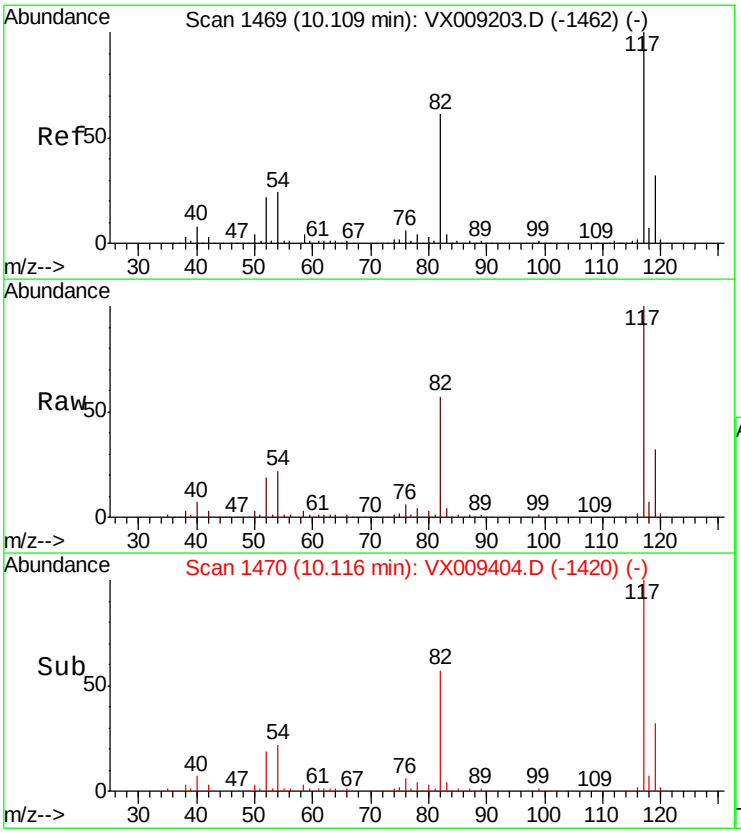
#62
4-Bromofluorobenzene
Concen: 43.128 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Instrument : MSVOA_X
ClientSampleId : CL-02-050719-E

Tgt Ion: 95 Resp: 113024

Ion	Ratio	Lower	Upper
95	100		
174	82.5	0.0	161.6
176	80.0	0.0	159.2

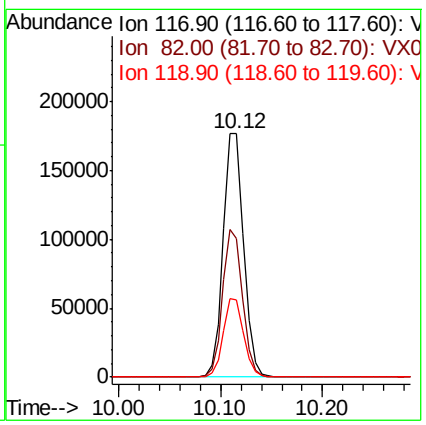


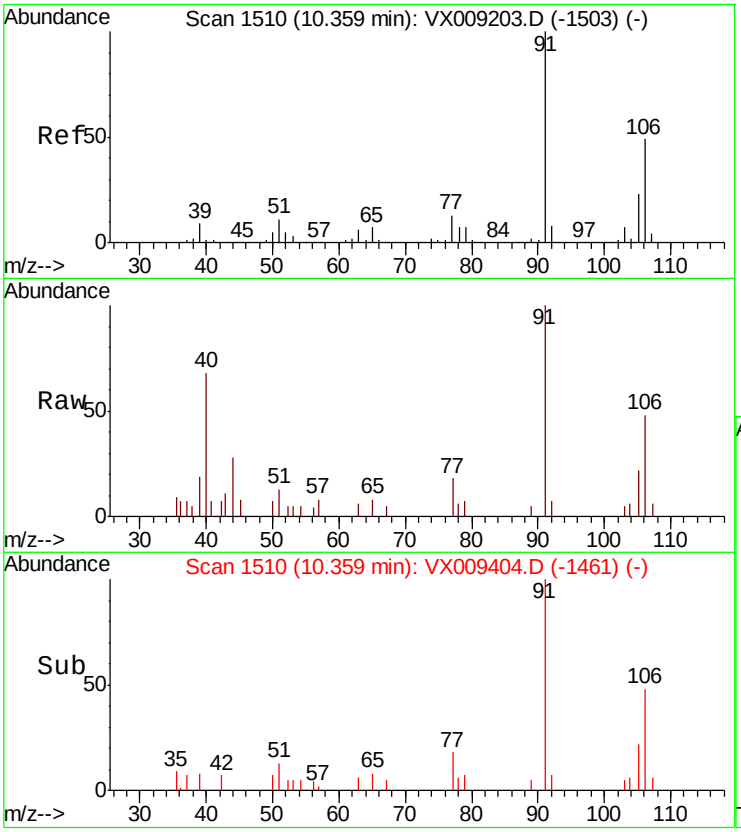


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Tgt Ion:117 Resp: 246015

Ion	Ratio	Lower	Upper
117	100		
82	56.7	48.8	73.2
119	31.9	25.8	38.6



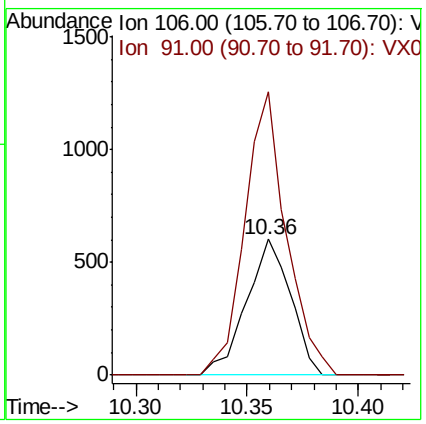


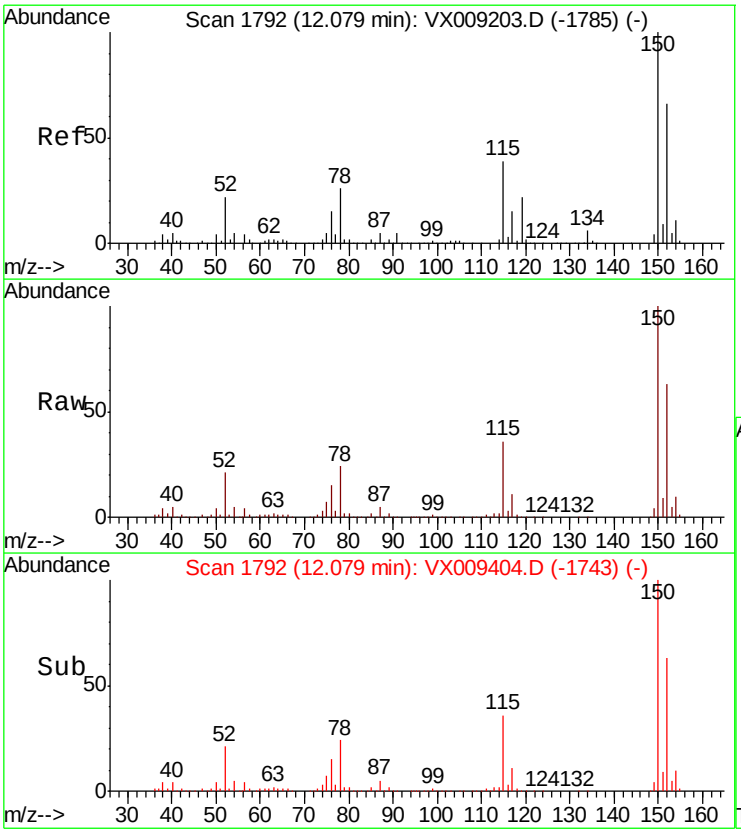
#68
m/p-Xylenes
Concen: 0.252 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Instrument : MSVOA_X
ClientSampleId : CL-02-050719-E

Tgt Ion:106 Resp: 834

Ion	Ratio	Lower	Upper
106	100		
91	196.8	164.0	246.0

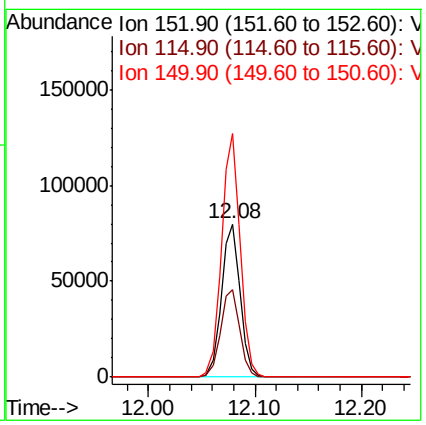


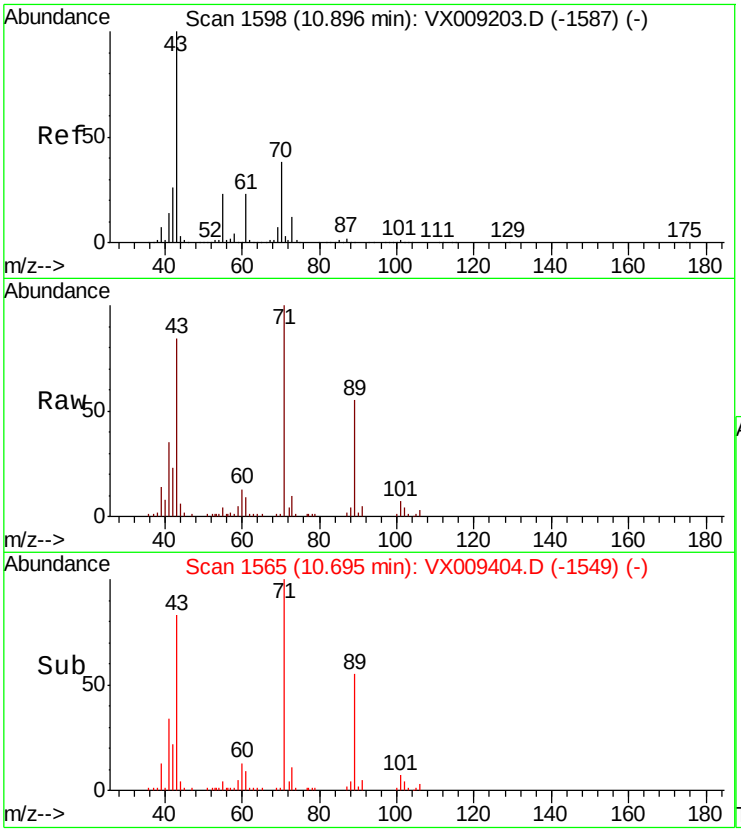


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Tgt Ion:152 Resp: 97586

Ion	Ratio	Lower	Upper
152	100		
115	58.3	41.2	123.6
150	158.1	0.0	346.4



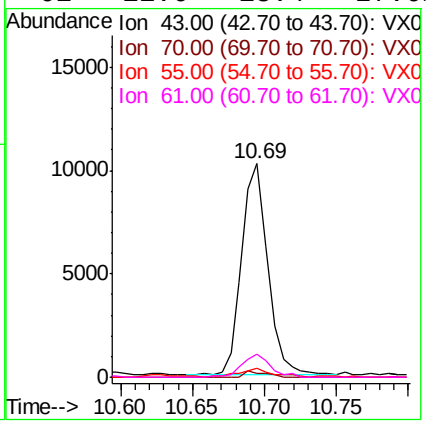


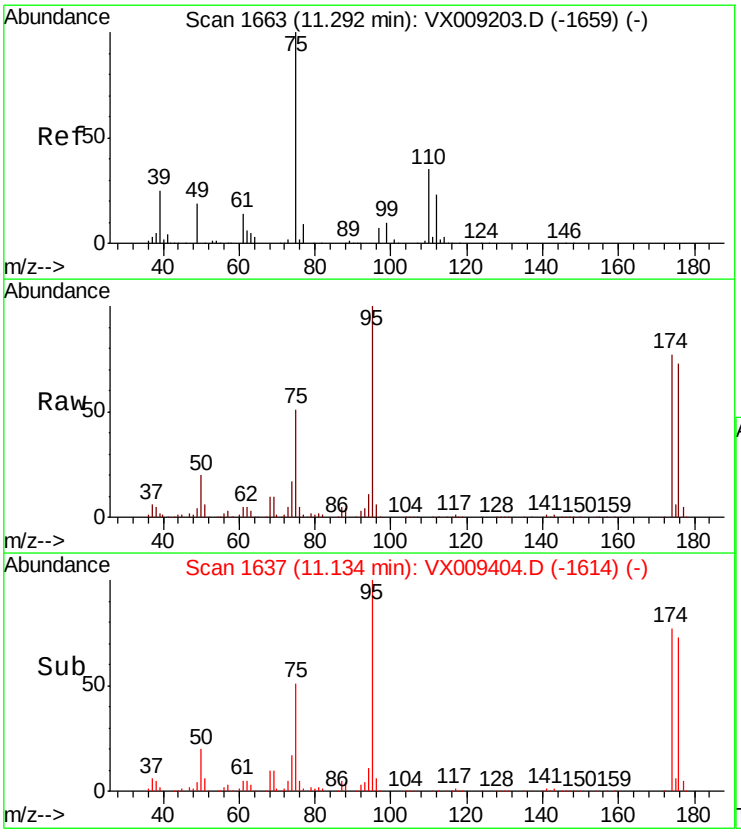
#74
N-amyl acetate
Concen: 3.111 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.20 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Instrument : MSVOA_X
ClientSampleId : CL-02-050719-E

Tgt Ion: 43 Resp: 12872

Ion	Ratio	Lower	Upper
43	100		
70	2.2	30.0	45.0#
55	5.5	17.9	26.9#
61	11.6	18.4	27.6#

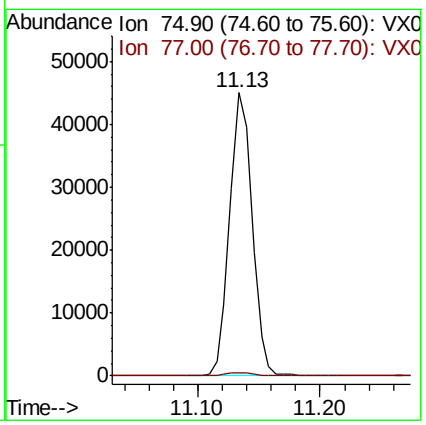


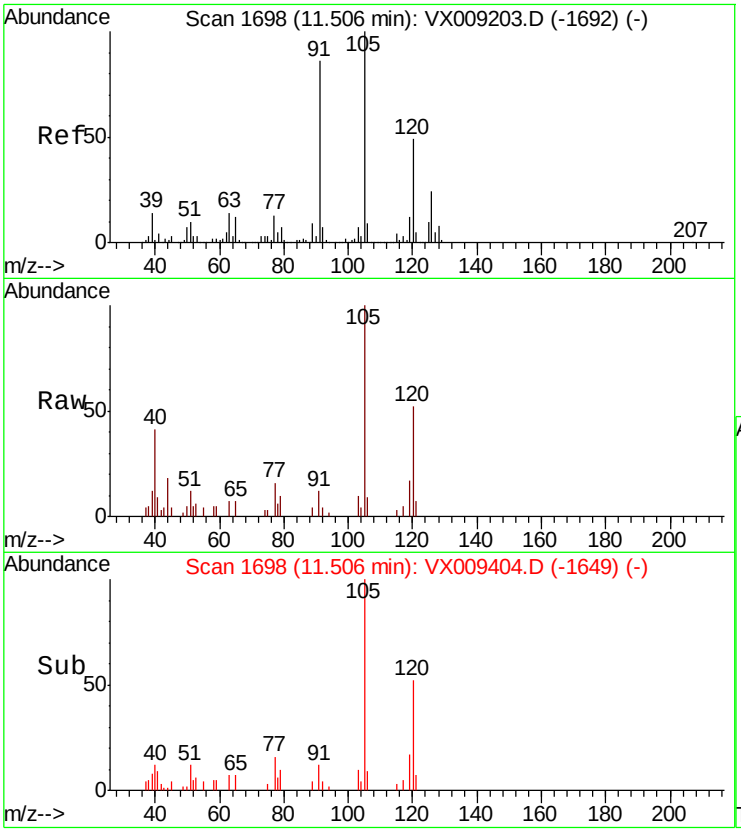


#76
1,2,3-Trichloropropane
Concen: 25.324 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Tgt Ion: 75 Resp: 57325

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.1	66.1#



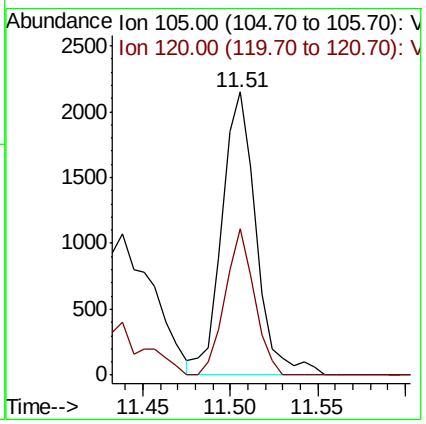


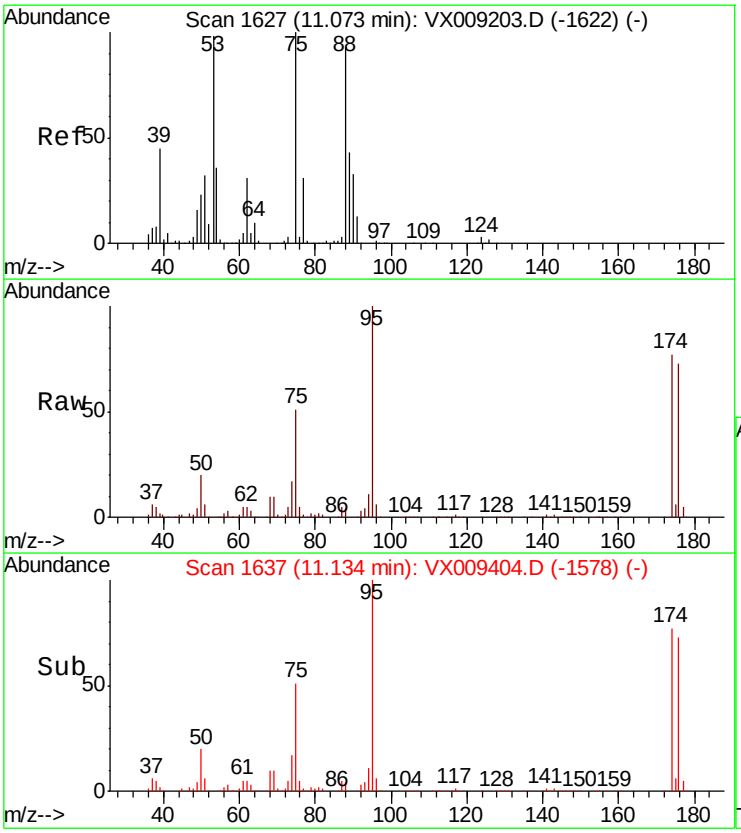
#80
1,3,5-Trimethylbenzene
Concen: 0.489 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Instrument :
MSVOA_X
ClientSampleId :
CL-02-050719-E

Tgt Ion:105 Resp: 2923

Ion	Ratio	Lower	Upper
105	100		
120	44.2	24.3	72.9

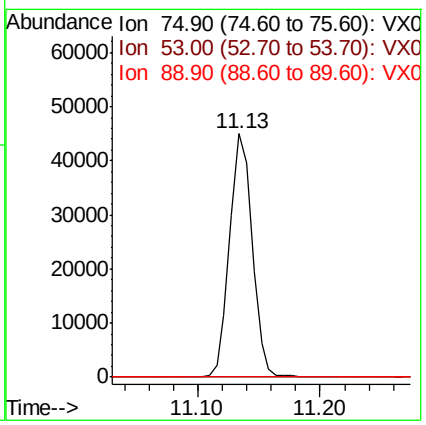


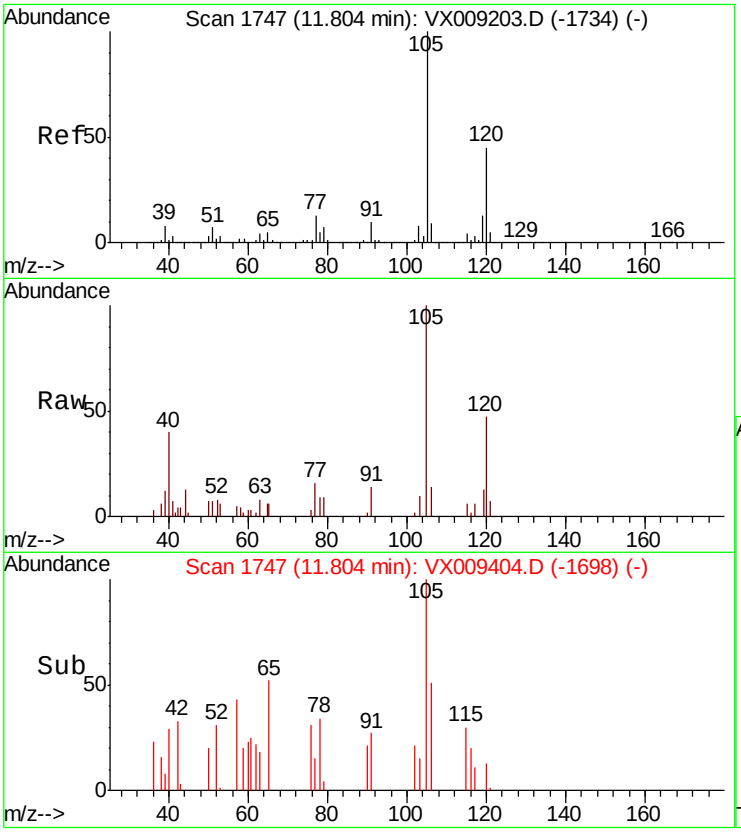


#81
trans-1,4-Dichloro-2-butene
Concen: 64.796 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Tgt Ion: 75 Resp: 57325

Ion	Ratio	Lower	Upper
75	100		
53	0.0	79.0	118.6#
89	0.0	34.7	52.1#



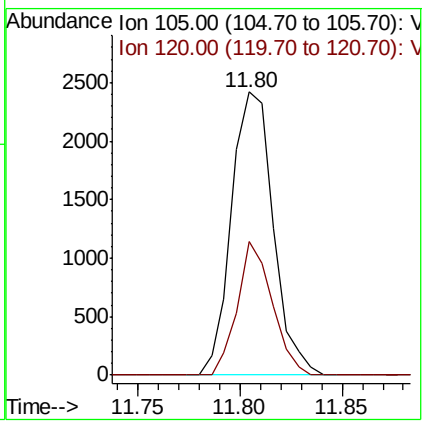


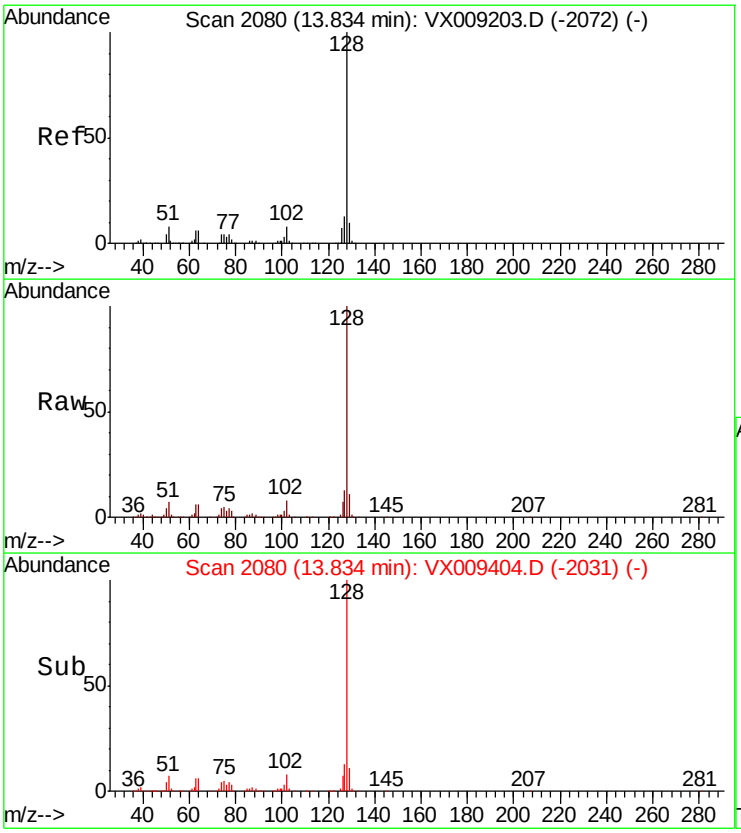
#84
1,2,4-Trimethylbenzene
Concen: 0.572 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Instrument :
MSVOA_X
ClientSampleId :
CL-02-050719-E

Tgt Ion:105 Resp: 3429

Ion	Ratio	Lower	Upper
105	100		
120	39.5	22.0	66.0





#95
Naphthalene
Concen: 14.765 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009404.D
Acq: 08 May 2019 17:31

Tgt Ion:128 Resp: 105053

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.1	8.6	13.0