Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042419\
Data File : VX009145.D
Acq On : 24 Apr 2019 15:11
Operator : JC/SP
Sample : K2545-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FMI-133

Quant Time: Apr 25 05:22:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	228138	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	370190	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	314095	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133398	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	151783	47.21	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.42%				
35) Dibromofluoromethane	5.50	113	113578	47.81	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.62%				
50) Toluene-d8	8.71	98	457101	48.24	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.48%				
62) 4-Bromofluorobenzene	11.13	95	152497	45.59	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.18%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	783	0.243	ug/l		99
5) Bromomethane	1.65	94	827	4.237	ug/l		85
6) Chloroethane	1.70	64	1167	0.632	ug/l	#	76
10) Methyl Iodide	2.51	142	785	4.694	ug/l		98
11) Tert butyl alcohol	3.05	59	1222	1.712	ug/l	#	76
13) Acrolein	2.29	56	553	0.897	ug/l	#	52
15) Acrylonitrile	3.16	53	1190	0.657	ug/l		96
16) Acetone	2.45	43	1604115	962.113	ug/l		99
17) Carbon Disulfide	2.57	76	4012	1.797	ug/l		98
18) Methyl Acetate	2.61	43	2731	0.656	ug/l	#	55
20) Methylene Chloride	2.85	84	743	0.261	ug/l	#	74
21) trans-1,2-Dichloroethene	3.17	96	617	0.236	ug/l	#	80
25) 2-Butanone	4.68	43	4305594	1615.583	ug/l		98
28) Bromochloromethane	5.01	49	300	Below Cal		#	51
29) Tetrahydrofuran	5.13	42	3524071	1975.640	ug/l		99
30) Chloroform	5.22	83	977	0.210	ug/l		97
37) Ethyl Acetate	4.68	43	4305594	873.968	ug/l	#	70
38) Carbon Tetrachloride	5.66	117	21584	6.650	ug/l	#	17
41) Methacrylonitrile	5.13	41	1889859	668.396	ug/l	#	47
49) 1,4-Dioxane	7.76	88	27	0.368	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.65	43	2920	0.577	ug/l		94
59) 2-Hexanone	9.49	43	1842	0.472	ug/l		97
68) m/p-Xylenes	10.36	106	2074	0.471	ug/l		85
69) o-Xylene	10.70	106	1461	0.341	ug/l		94
75) 1,1,2,2-Tetrachloroethane	11.08	83	21422	5.798	ug/l	#	26
76) 1,2,3-Trichloropropane	11.13	75	77080	23.664	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.13	75	77080	60.751	ug/l	#	10
84) 1,2,4-Trimethylbenzene	11.80	105	3337	0.386	ug/l		94
93) 1,2,4-Trichlorobenzene	13.65	180	970	0.305	ug/l		92
95) Naphthalene	13.83	128	4825	0.473	ug/l		96
96) 1,2,3-Trichlorobenzene	14.02	180	931	0.296	ug/l	#	89

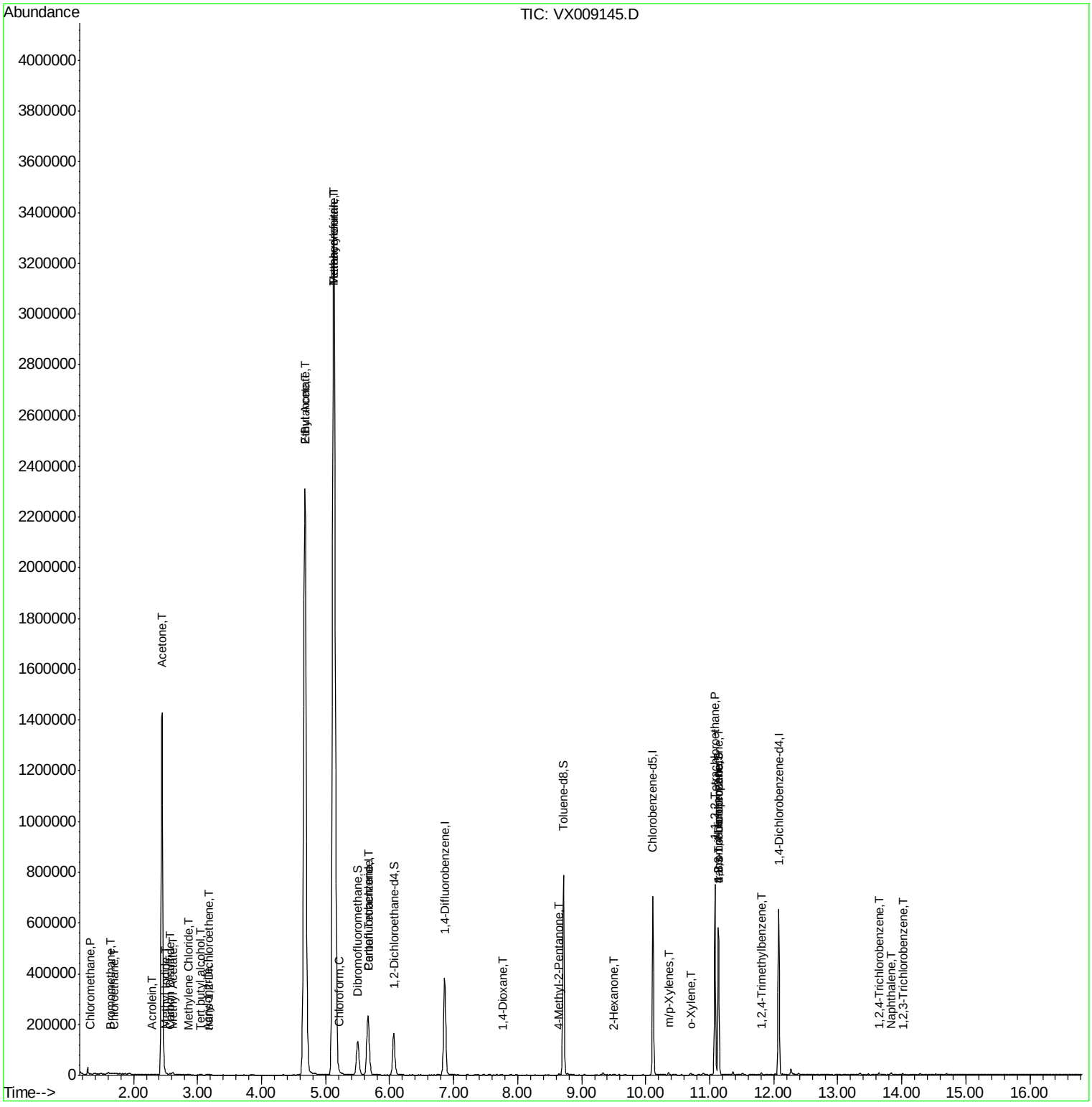
(#) = qualifier out of range (m) = manual integration (+) = signals summed

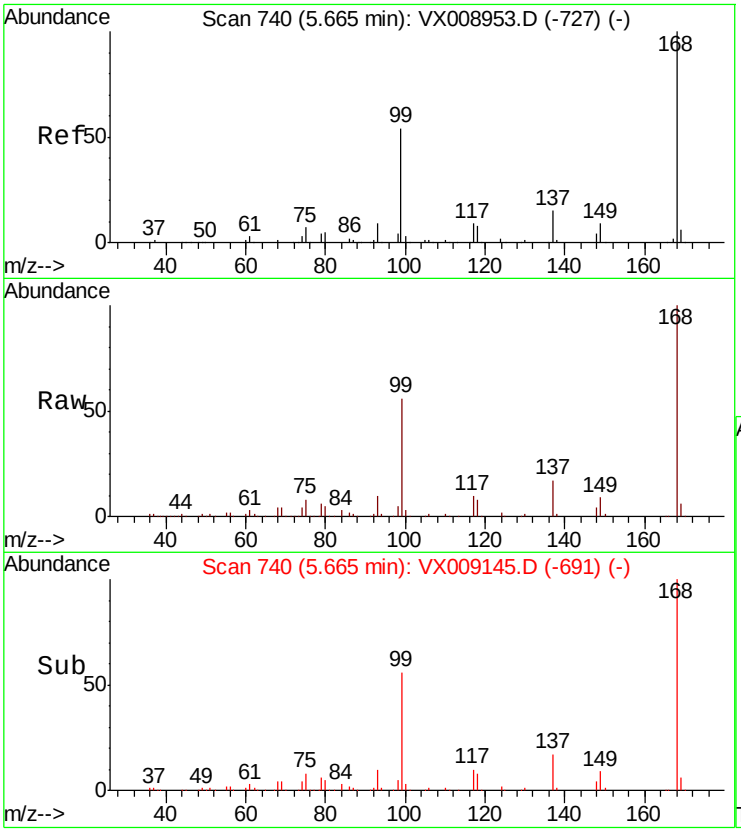
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042419\
Data File : VX009145.D
Acq On : 24 Apr 2019 15:11
Operator : JC/SP
Sample : K2545-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FMI-133

Quant Time: Apr 25 05:22:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration



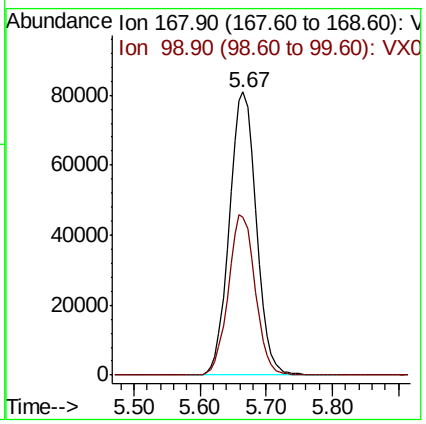


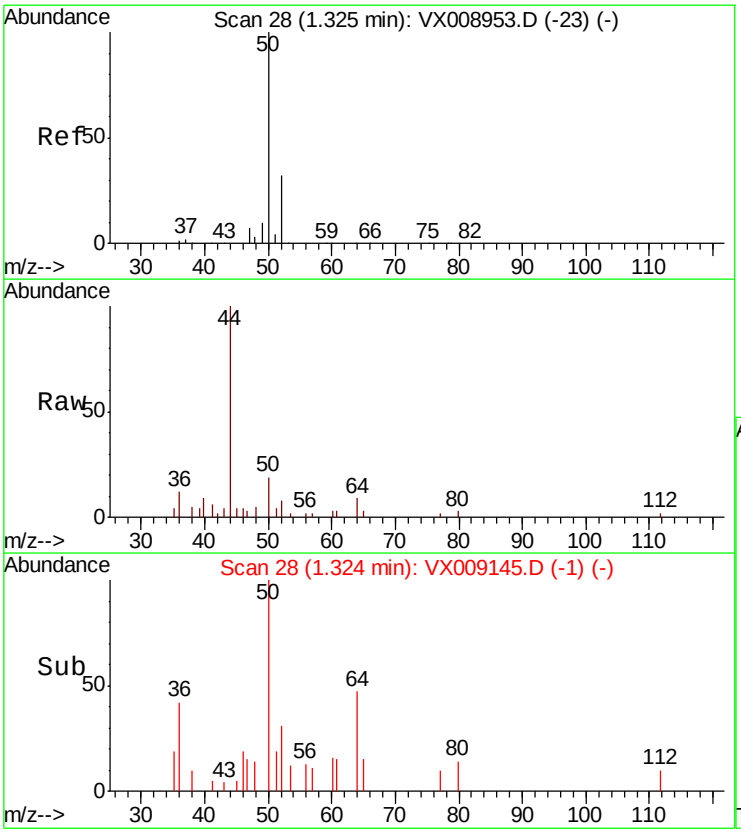
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
FMI-133

Tgt Ion:168 Resp: 228138

Ion	Ratio	Lower	Upper
168	100		
99	55.7	43.0	64.6

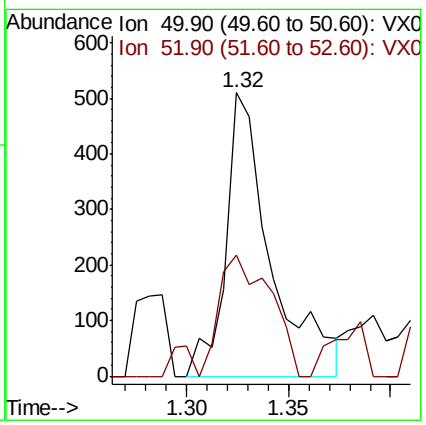


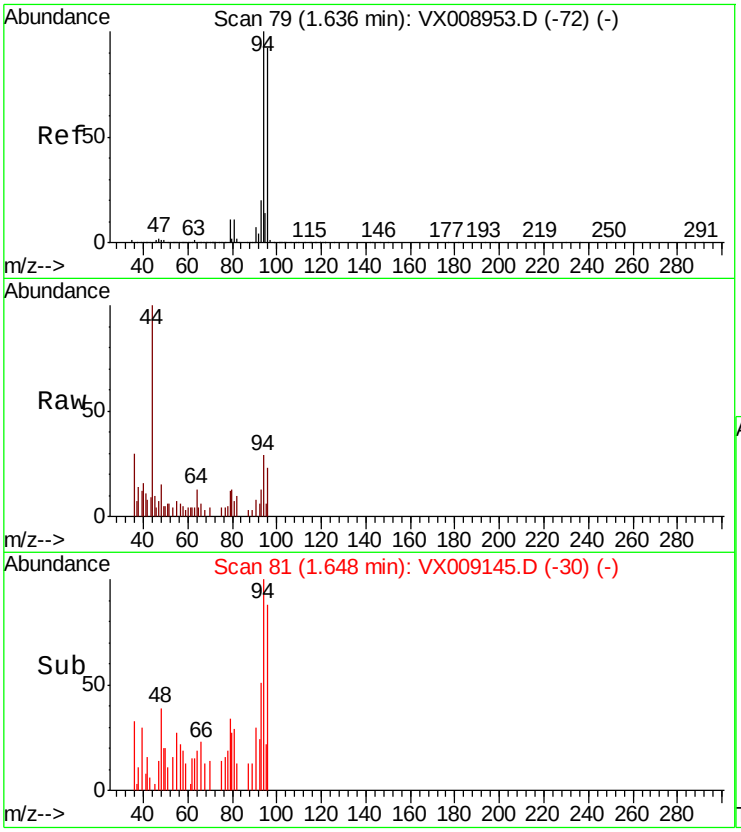


#3
Chloromethane
Concen: 0.243 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Tgt Ion: 50 Resp: 783

Ion	Ratio	Lower	Upper
50	100		
52	32.4	25.5	38.3



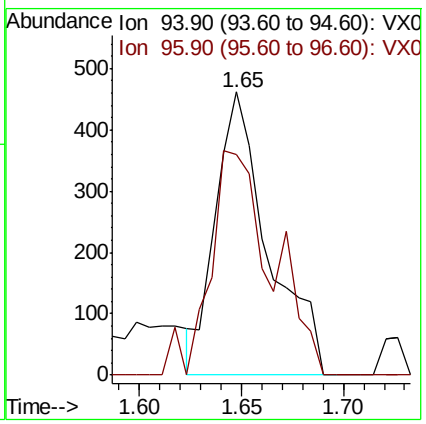


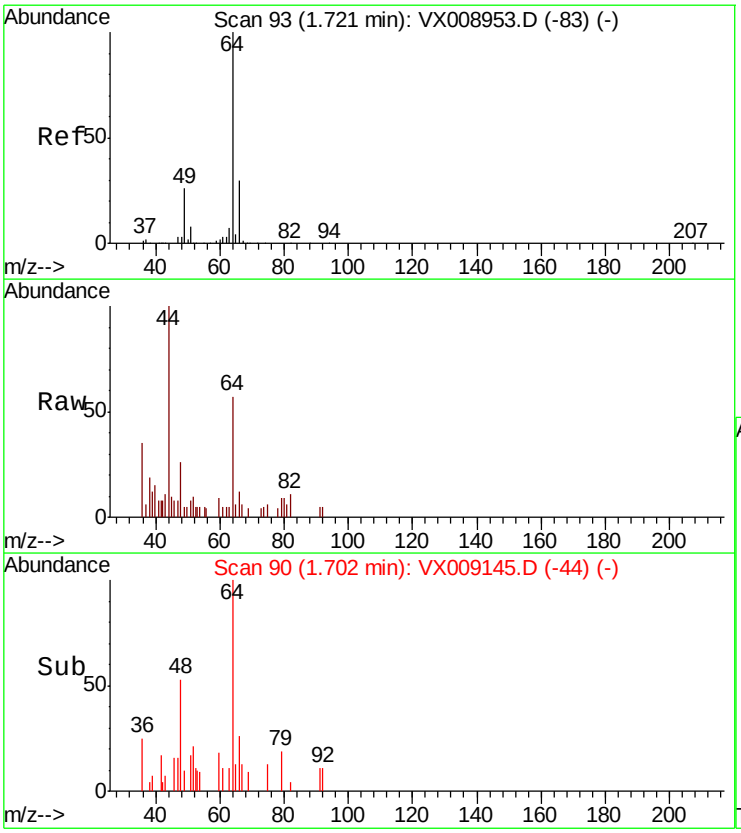
#5
Bromomethane
Concen: 4.237 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
FMI-133

Tgt Ion: 94 Resp: 827

Ion	Ratio	Lower	Upper
94	100		
96	77.7	73.9	110.9

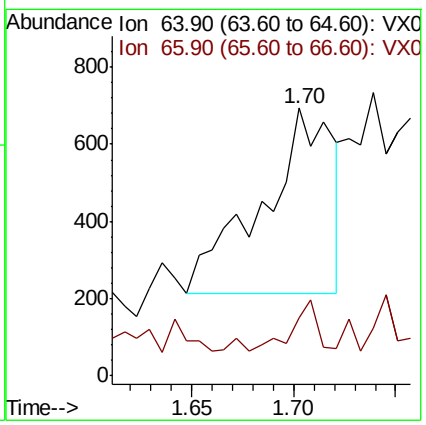


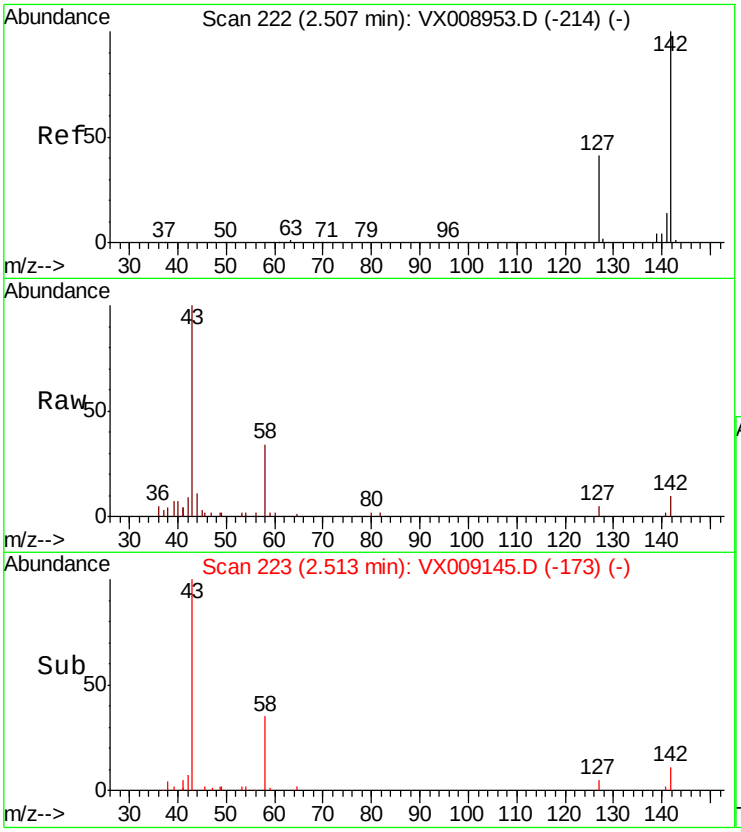


#6
Chloroethane
Concen: 0.632 ug/l
RT: 1.70 min Scan# 90
Delta R.T. -0.02 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Tgt Ion: 64 Resp: 1167

Ion	Ratio	Lower	Upper
64	100		
66	17.0	24.2	36.2#



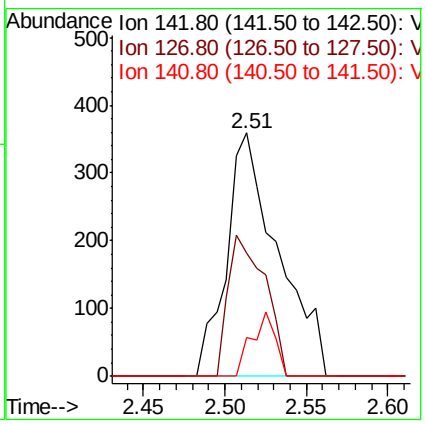


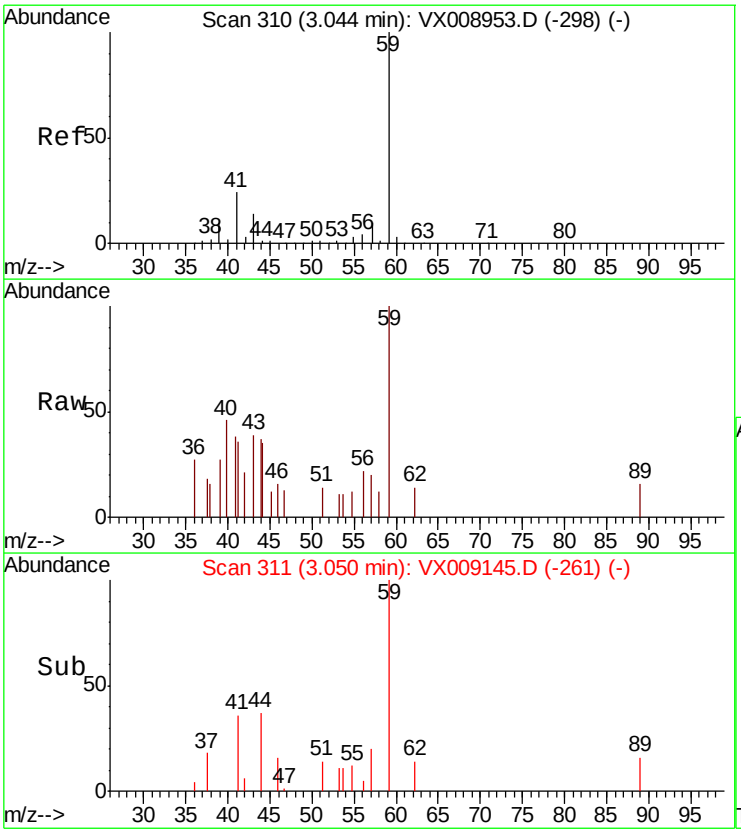
#10
Methyl Iodide
Concen: 4.694 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
FMI-133

Tgt Ion:142 Resp: 785

Ion	Ratio	Lower	Upper
142	100		
127	41.8	32.8	49.2
141	12.1	11.4	17.2

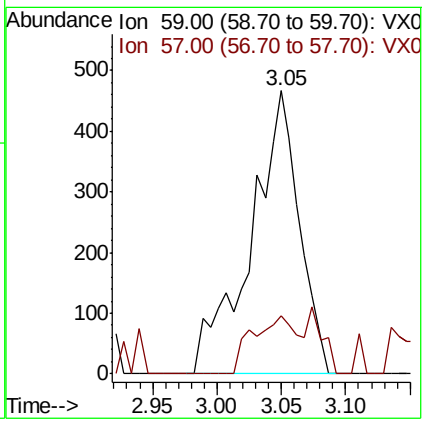


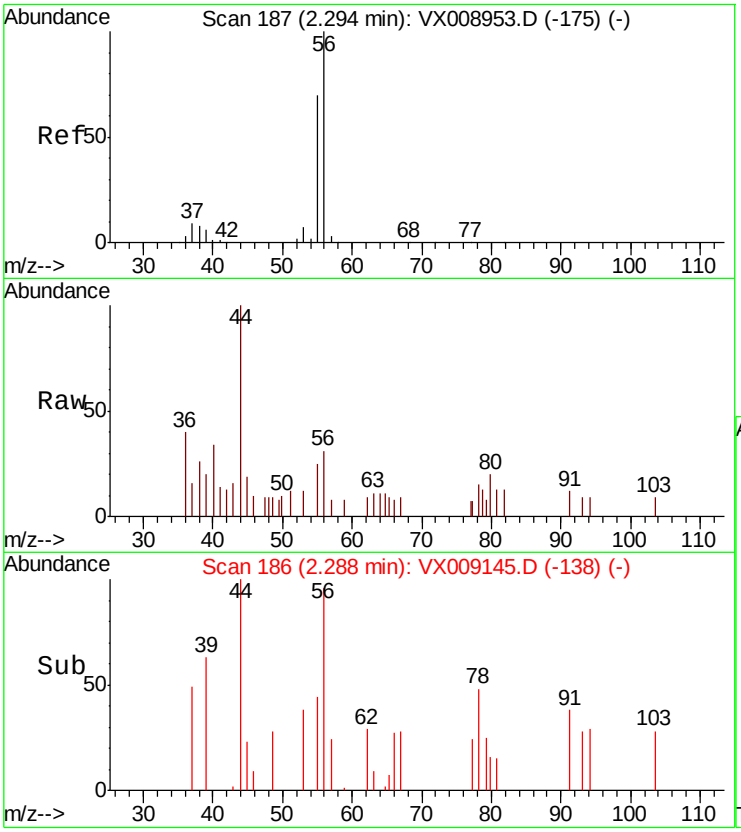


#11
Tert butyl alcohol
Concen: 1.712 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.01 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Tgt Ion: 59 Resp: 1222

Ion	Ratio	Lower	Upper
59	100		
57	19.4	8.4	12.6#



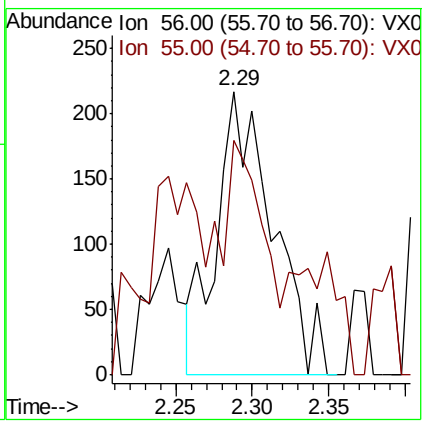


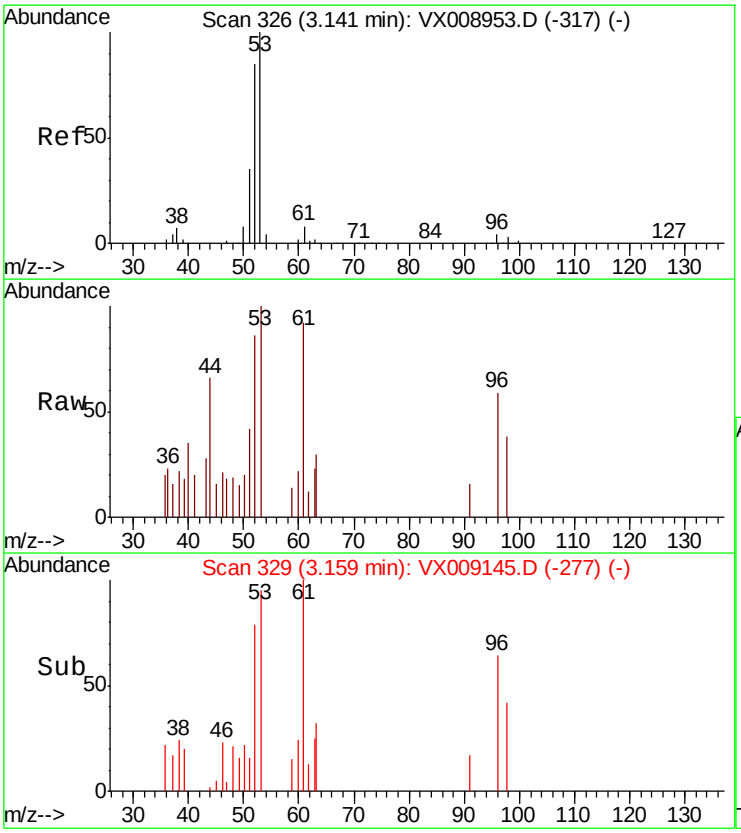
#13
Acrolein
Concen: 0.897 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
FMI-133

Tgt Ion: 56 Resp: 553

Ion	Ratio	Lower	Upper
56	100		
55	31.1	56.6	84.8#

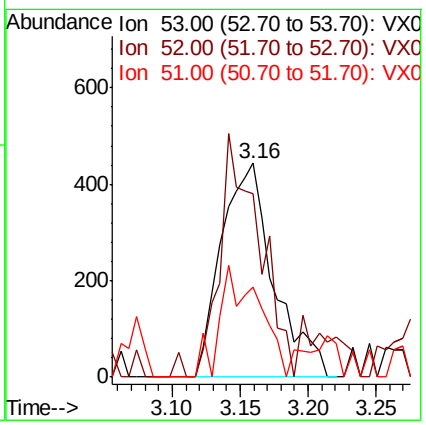


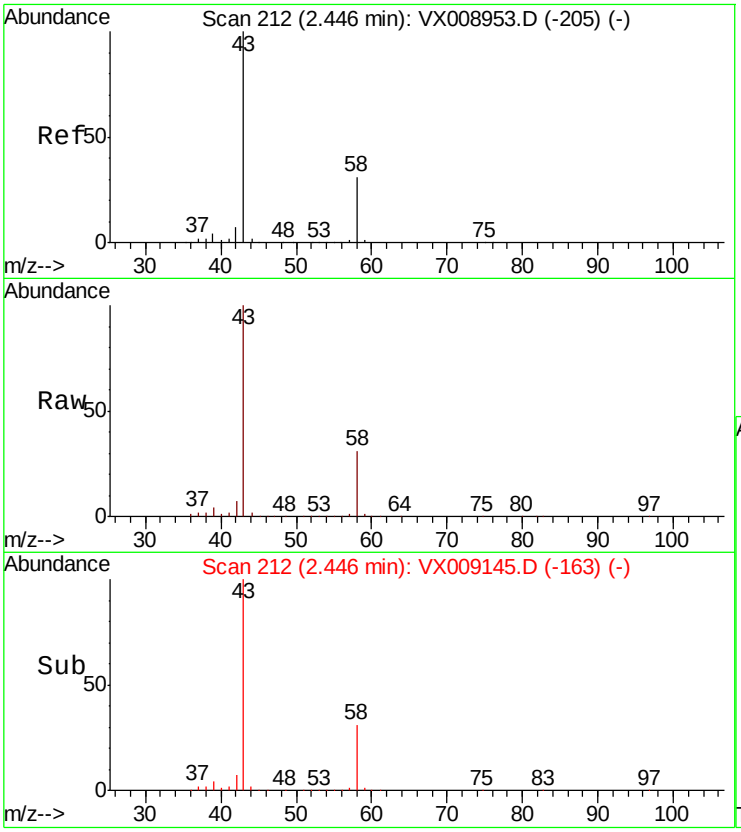


#15
Acrylonitrile
Concen: 0.657 ug/l
RT: 3.16 min Scan# 329
Delta R.T. 0.02 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Tgt Ion: 53 Resp: 1190

Ion	Ratio	Lower	Upper
53	100		
52	85.5	66.6	100.0
51	39.4	28.3	42.5



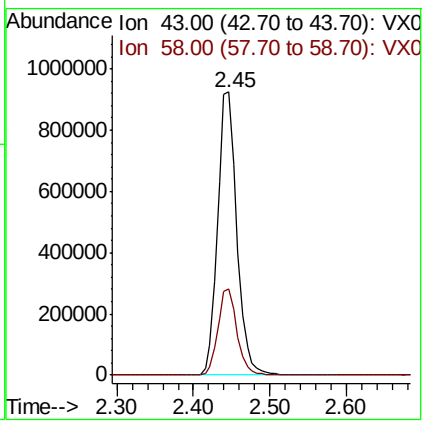


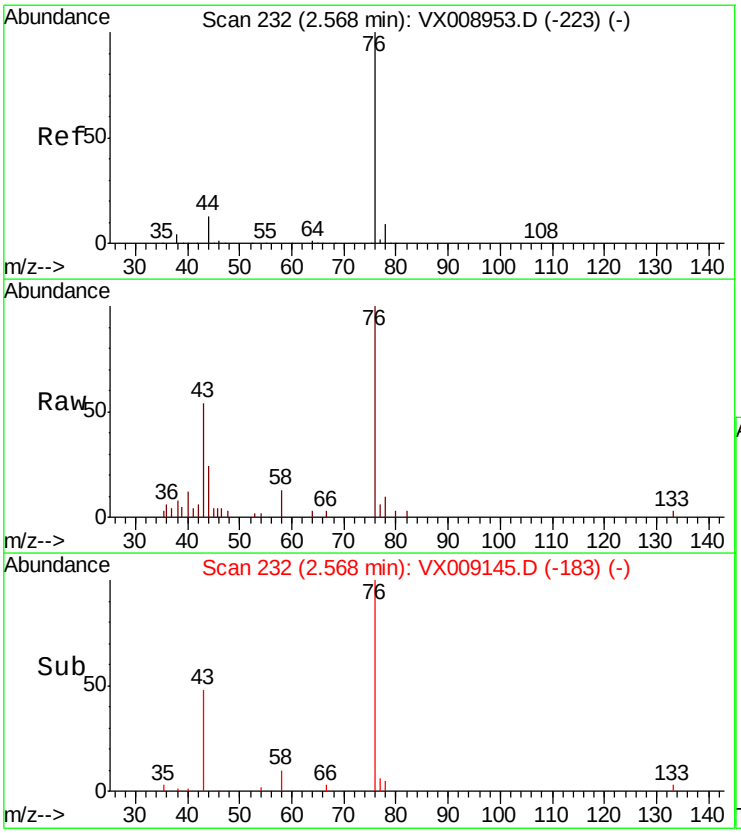
#16
Acetone
Concen: 962.113 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
FMI-133

Tgt Ion: 43 Resp: 1604115

Ion	Ratio	Lower	Upper
43	100		
58	30.7	24.8	37.2

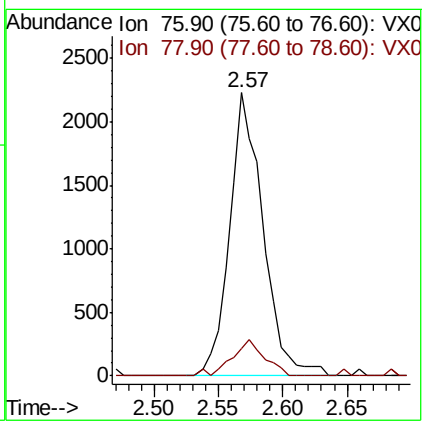


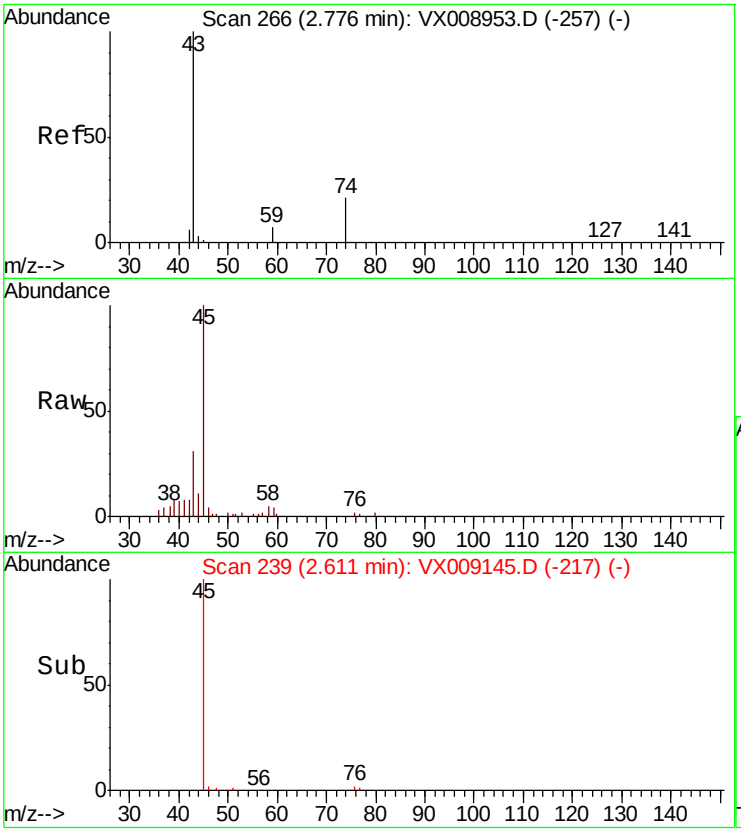


#17
Carbon Disulfide
Concen: 1.797 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Tgt Ion: 76 Resp: 4012

Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.2	10.8



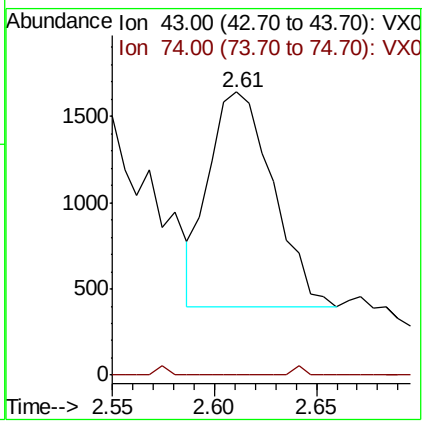


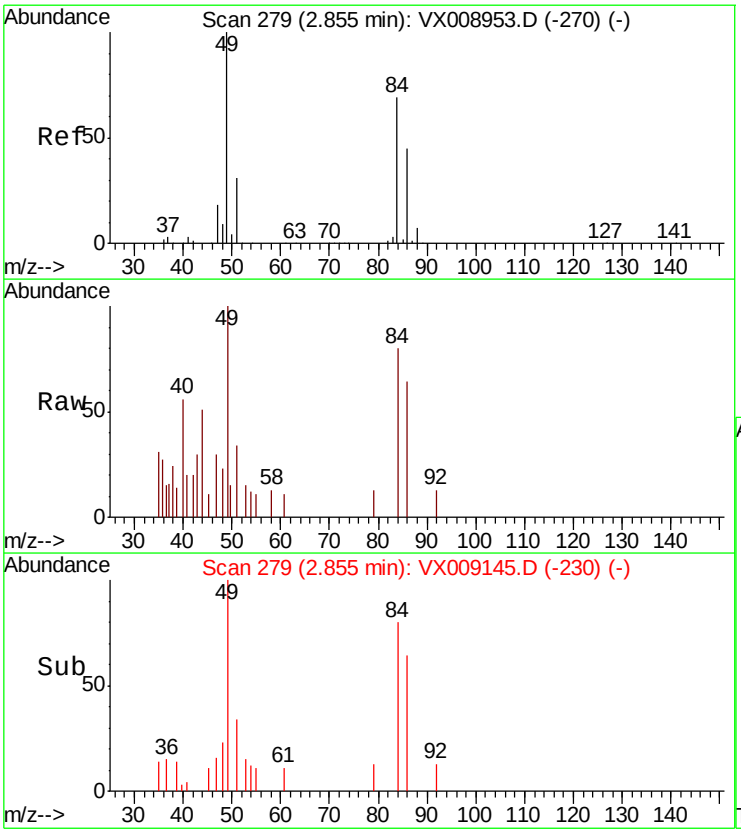
#18
Methyl Acetate
Concen: 0.656 ug/l
RT: 2.61 min Scan# 239
Delta R.T. -0.16 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
FMI-133

Tgt Ion: 43 Resp: 2731

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.6	25.0#

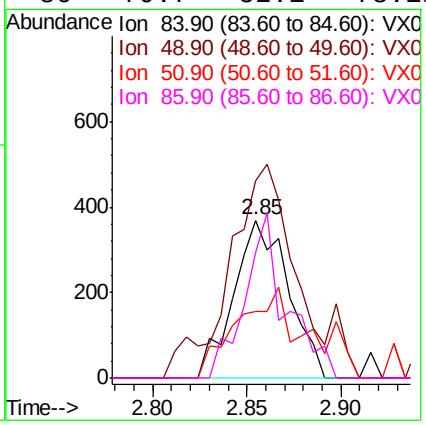


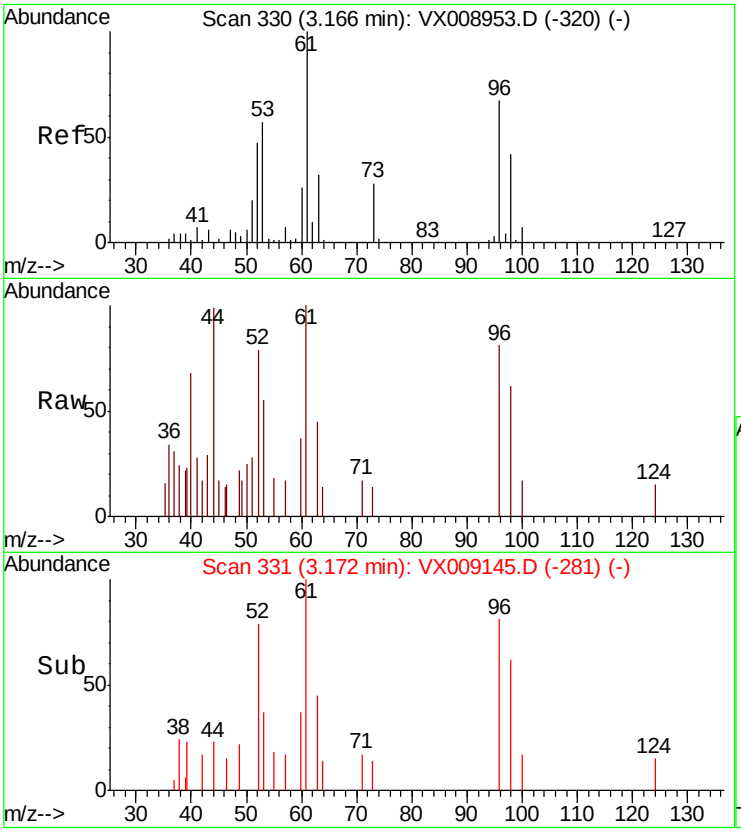


#20
Methylene Chloride
Concen: 0.261 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Tgt Ion: 84 Resp: 743

Ion	Ratio	Lower	Upper
84	100		
49	99.2	115.4	173.0#
51	42.2	35.8	53.6
86	79.7	52.1	78.1#



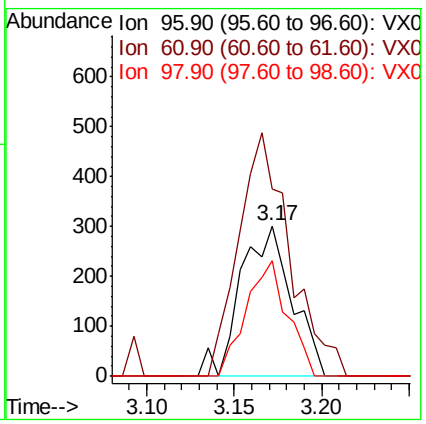


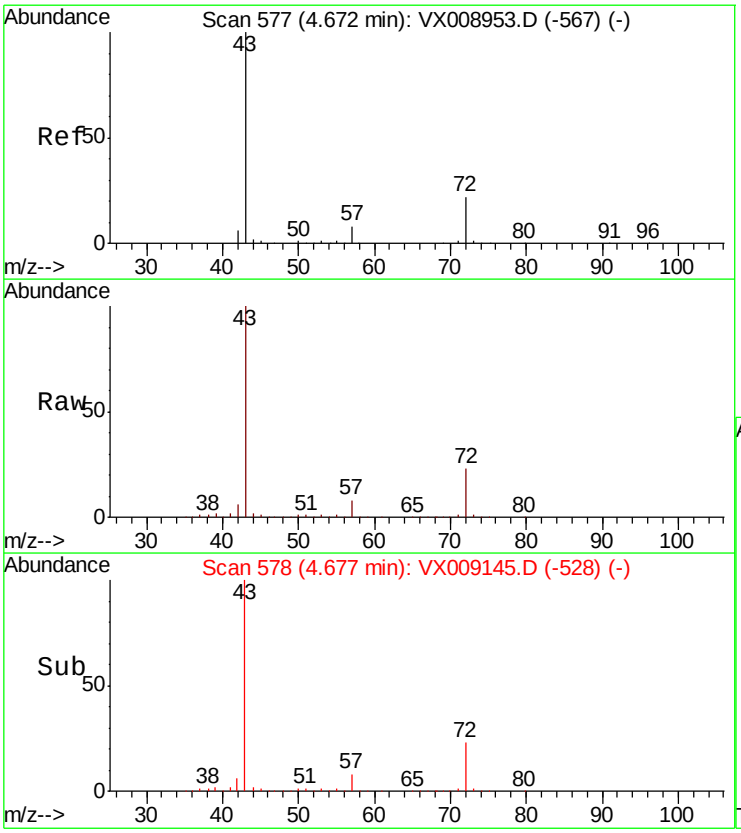
#21
trans-1,2-Dichloroethene
Concen: 0.236 ug/l
RT: 3.17 min Scan# 331
Delta R.T. 0.01 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
FMI-133

Tgt Ion: 96 Resp: 617

Ion	Ratio	Lower	Upper
96	100		
61	123.8	120.3	180.5
98	76.8	50.2	75.2#

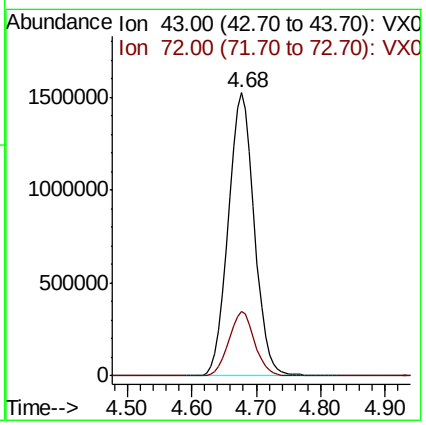


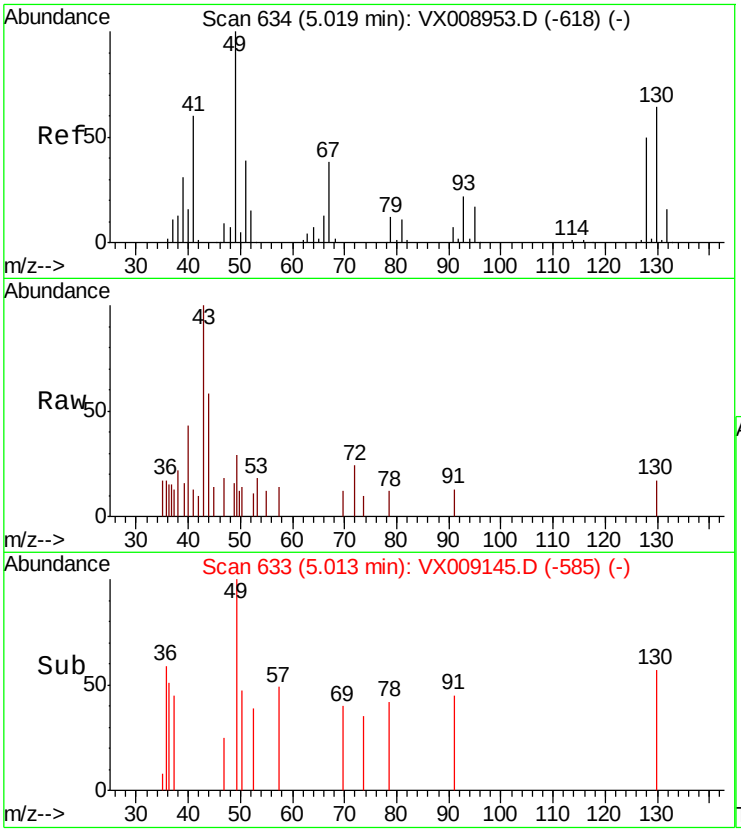


#25
2-Butanone
Concen: 1615.583 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.01 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Tgt Ion: 43 Resp: 4305594

Ion	Ratio	Lower	Upper
43	100		
72	22.8	17.5	26.3



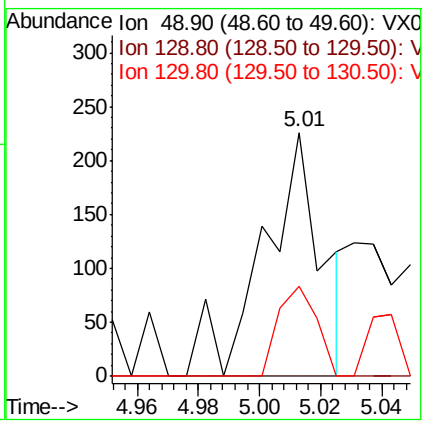


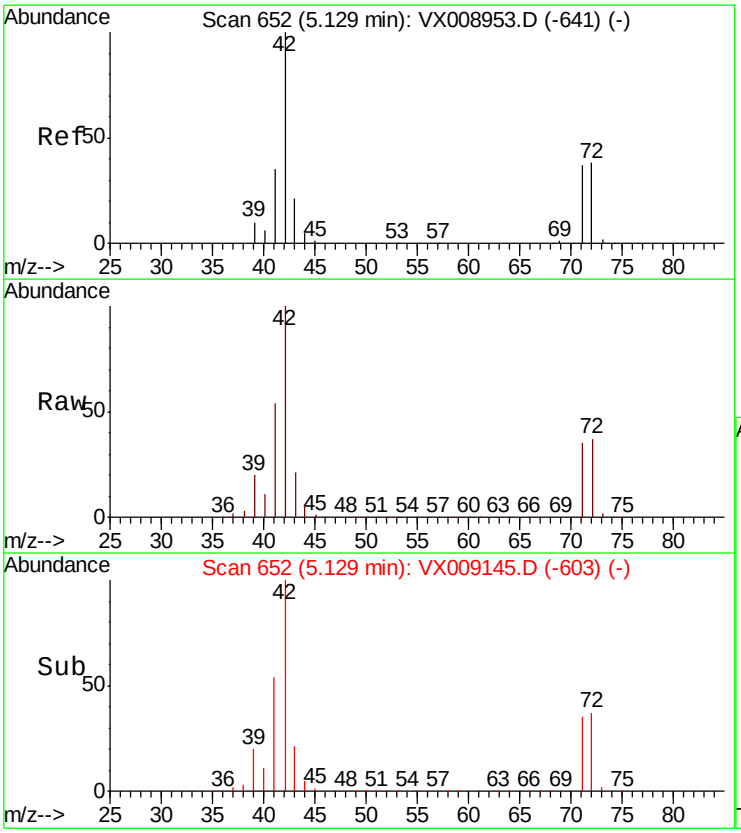
#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
FMI-133

Tgt Ion: 49 Resp: 300

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	24.3	50.4	75.6#

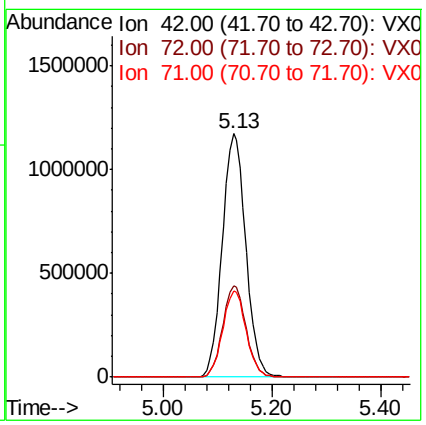


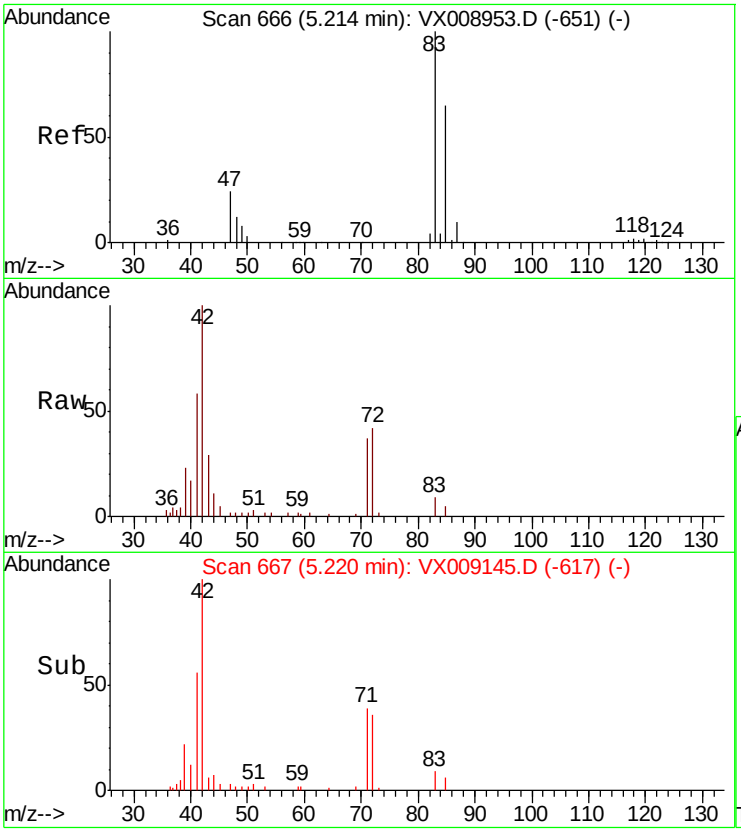


#29
Tetrahydrofuran
Concen: 1975.640 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Tgt Ion: 42 Resp: 3524071

Ion	Ratio	Lower	Upper
42	100		
72	37.3	30.6	45.8
71	35.3	28.8	43.2



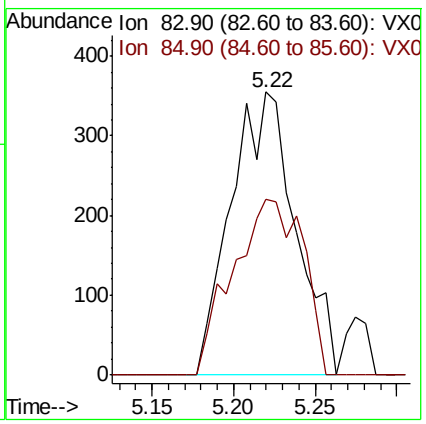


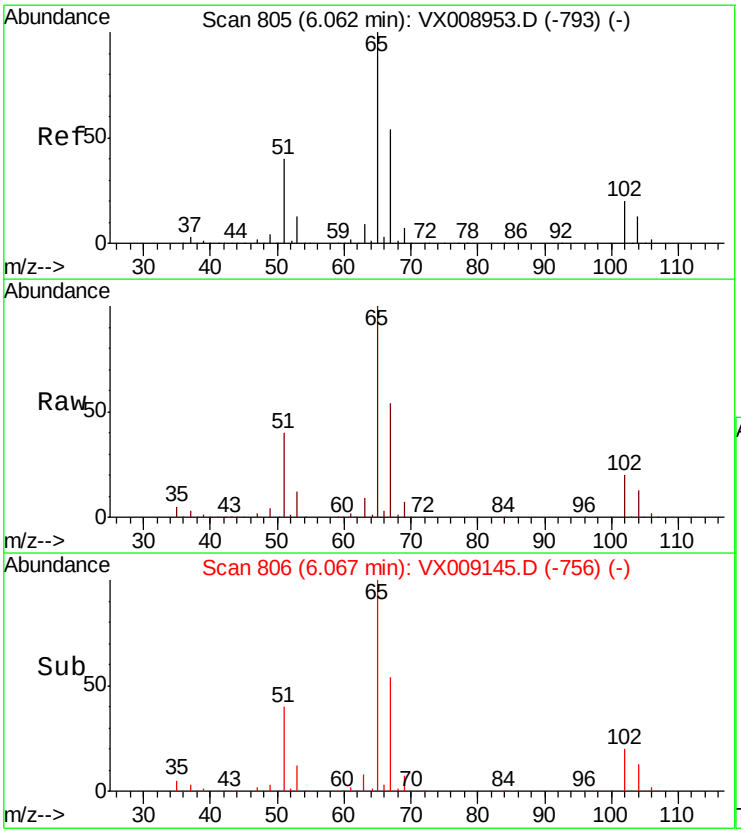
#30
Chloroform
Concen: 0.210 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
FMI-133

Tgt Ion: 83 Resp: 977

Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.9	77.9

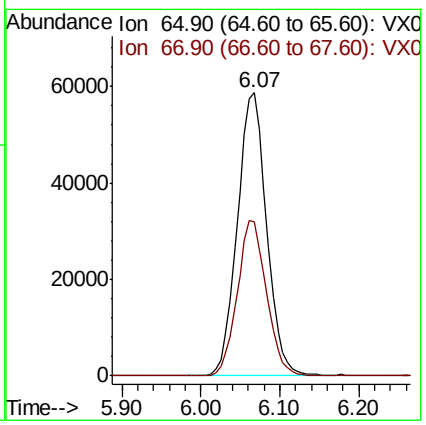


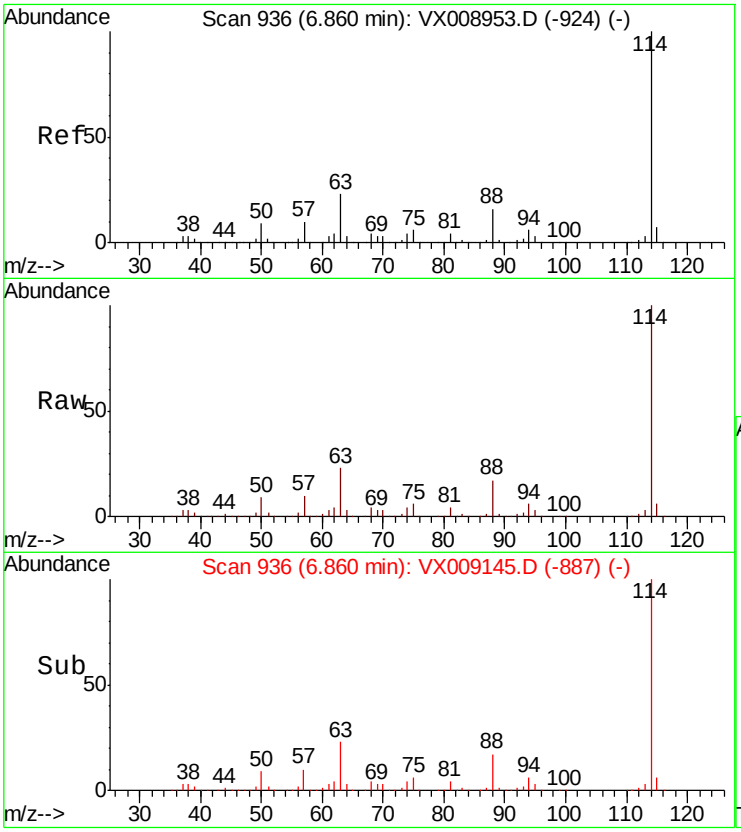


#33
1,2-Dichloroethane-d4
Concen: 47.209 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Tgt Ion: 65 Resp: 151783

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	108.6



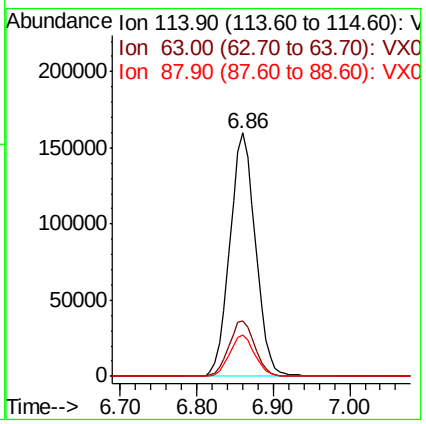


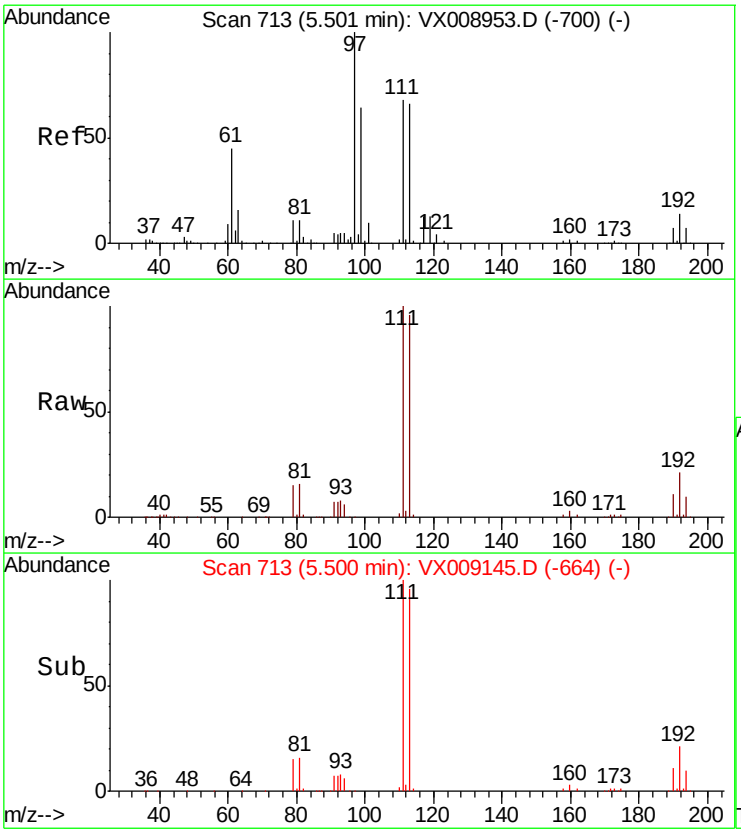
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
FMI-133

Tgt Ion:114 Resp: 370190

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	46.0
88	16.9	0.0	32.6

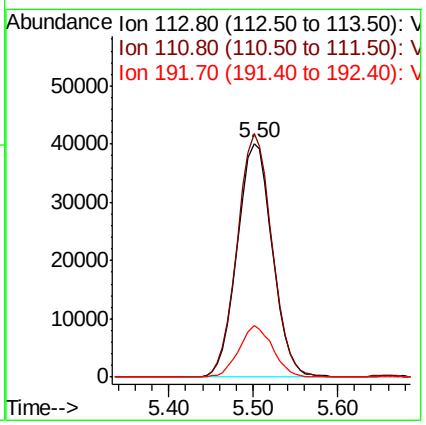


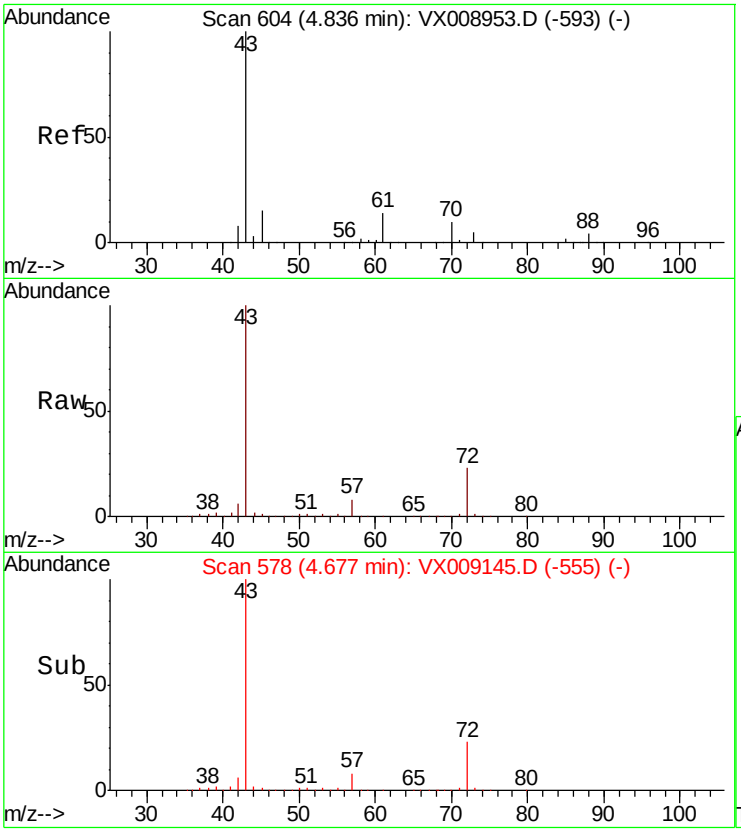


#35
Dibromofluoromethane
Concen: 47.806 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Tgt Ion:113 Resp: 113578

Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.9	124.3
192	21.1	17.4	26.0



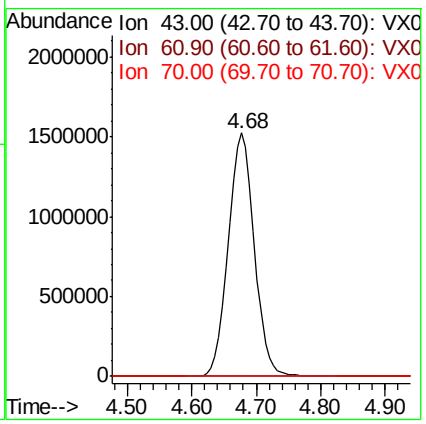


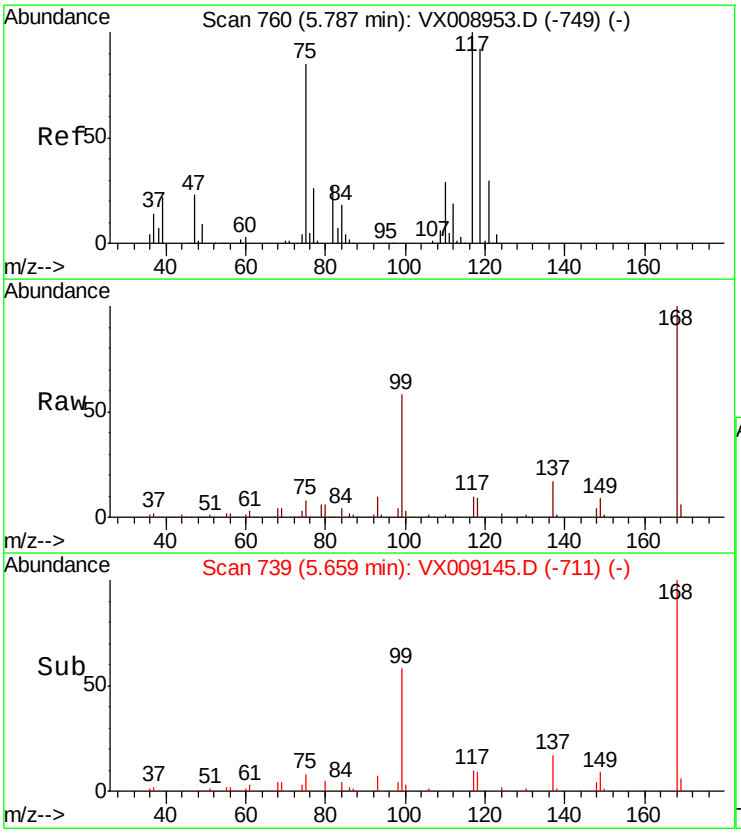
#37
Ethyl Acetate
Concen: 873.968 ug/l
RT: 4.68 min Scan# 578
Delta R.T. -0.16 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
FMI-133

Tgt Ion: 43 Resp: 4305594

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	15.8#
70	0.0	7.7	11.5#

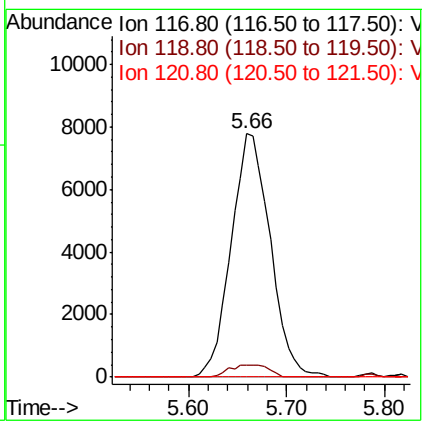


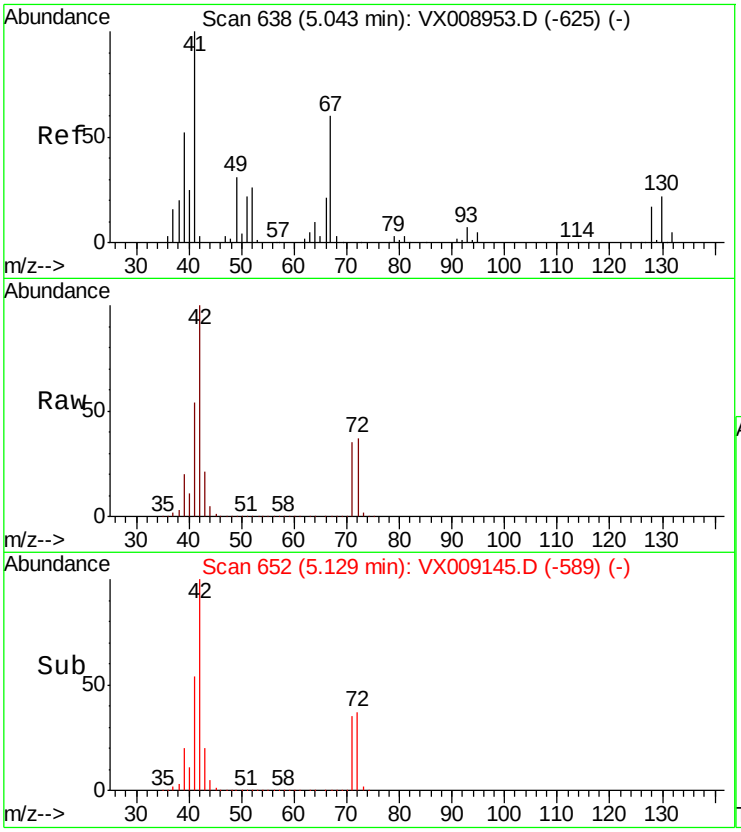


#38
Carbon Tetrachloride
Concen: 6.650 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Tgt Ion:117 Resp: 21584

Ion	Ratio	Lower	Upper
117	100		
119	4.9	73.8	110.8#
121	0.0	23.6	35.4#



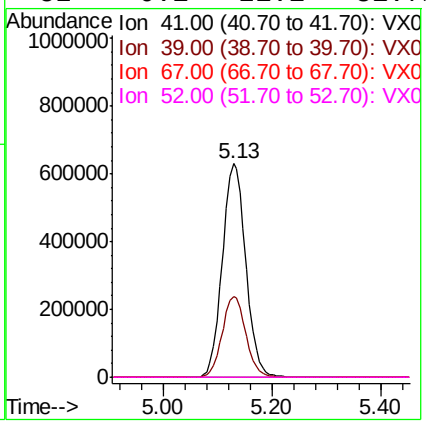


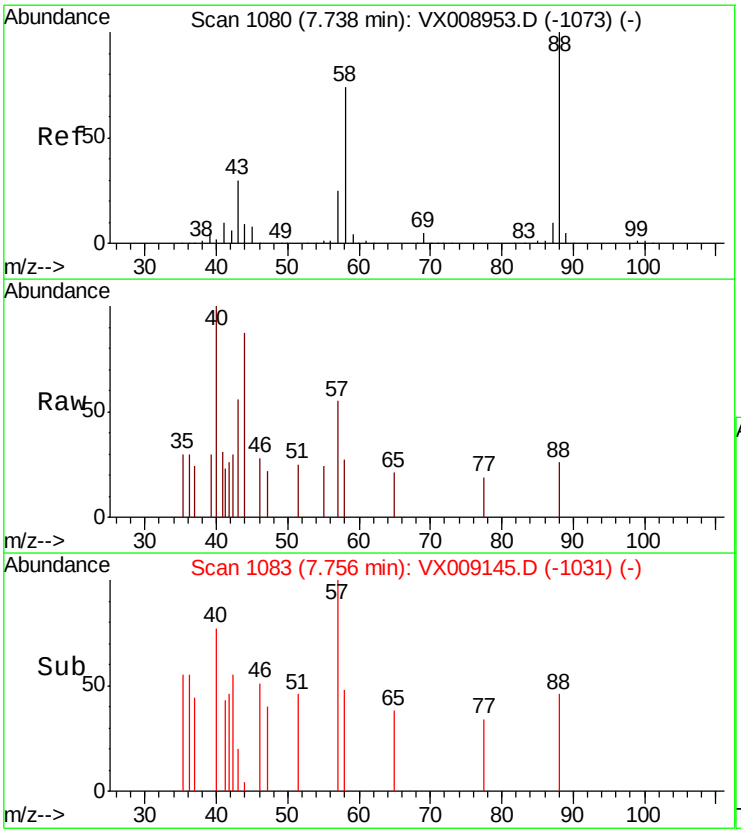
#41
Methacrylonitrile
Concen: 668.396 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.09 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
FMI-133

Tgt Ion: 41 Resp: 1889859

Ion	Ratio	Lower	Upper
41	100		
39	38.2	41.8	62.6#
67	0.0	50.2	75.4#
52	0.1	21.1	31.7#

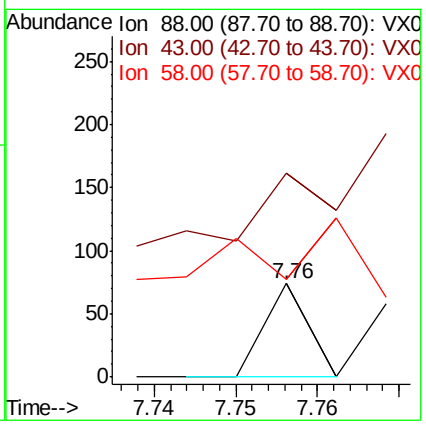


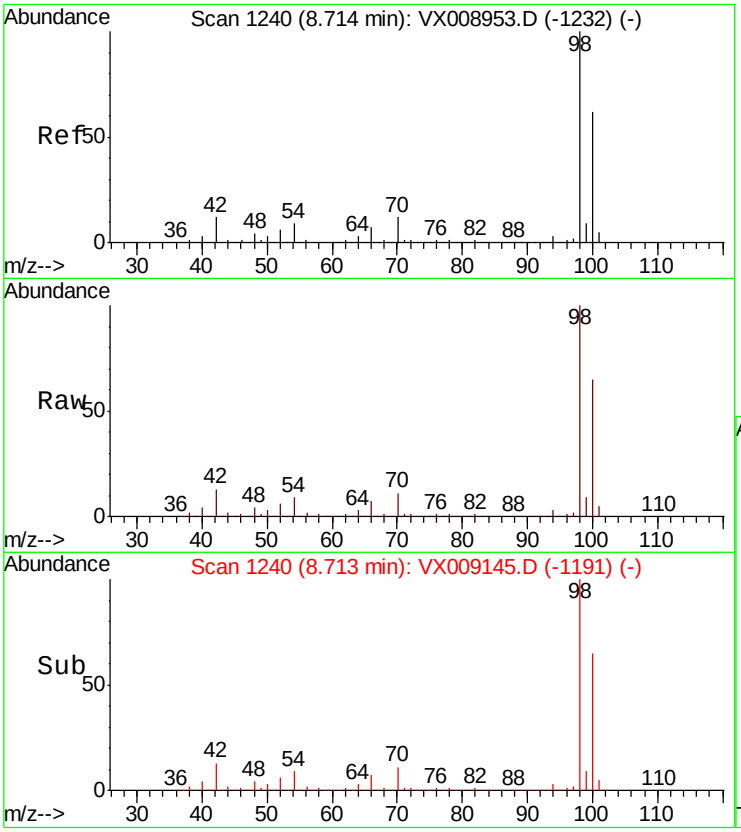


#49
1,4-Dioxane
Concen: 0.368 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.02 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Tgt Ion: 88 Resp: 27

Ion	Ratio	Lower	Upper
88	100		
43	0.0	29.3	43.9#
58	881.5	62.6	93.8#



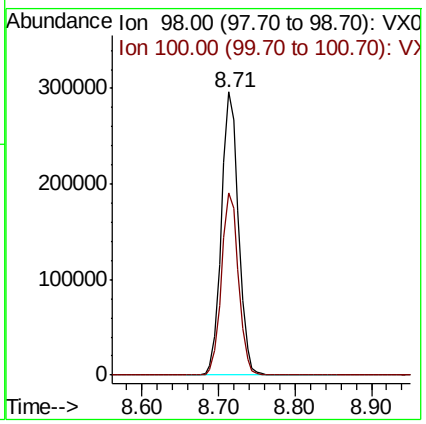


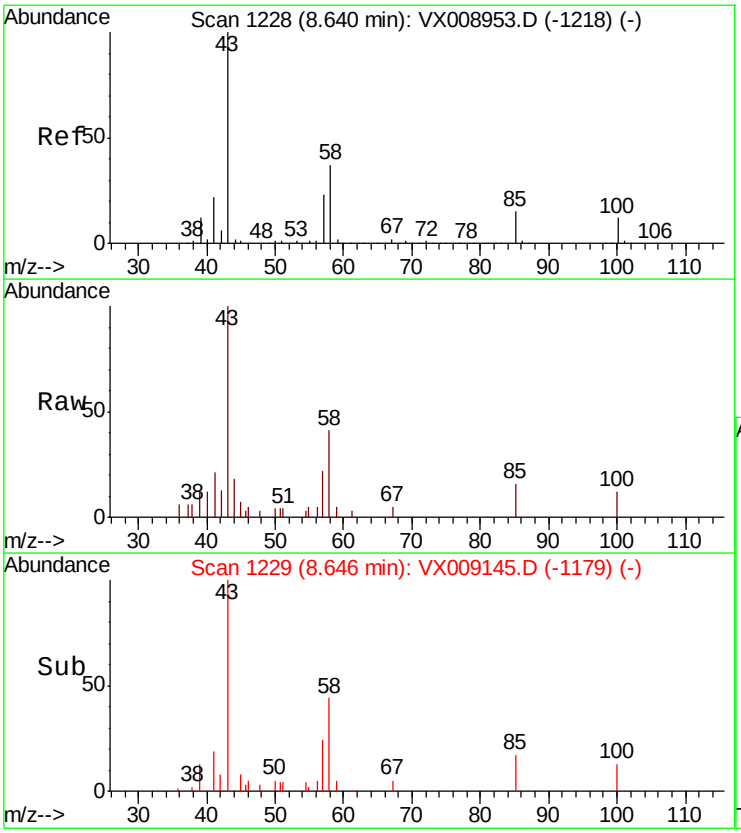
#50
Toluene-d8
Concen: 48.244 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
FMI-133

Tgt Ion: 98 Resp: 457101

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.2

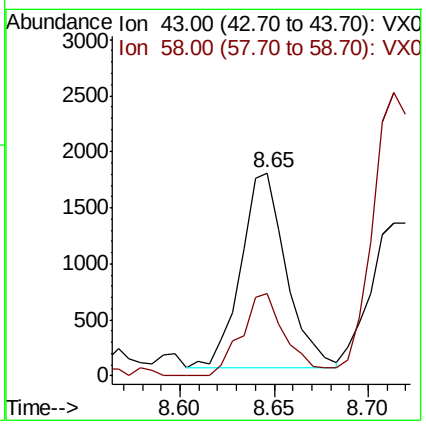


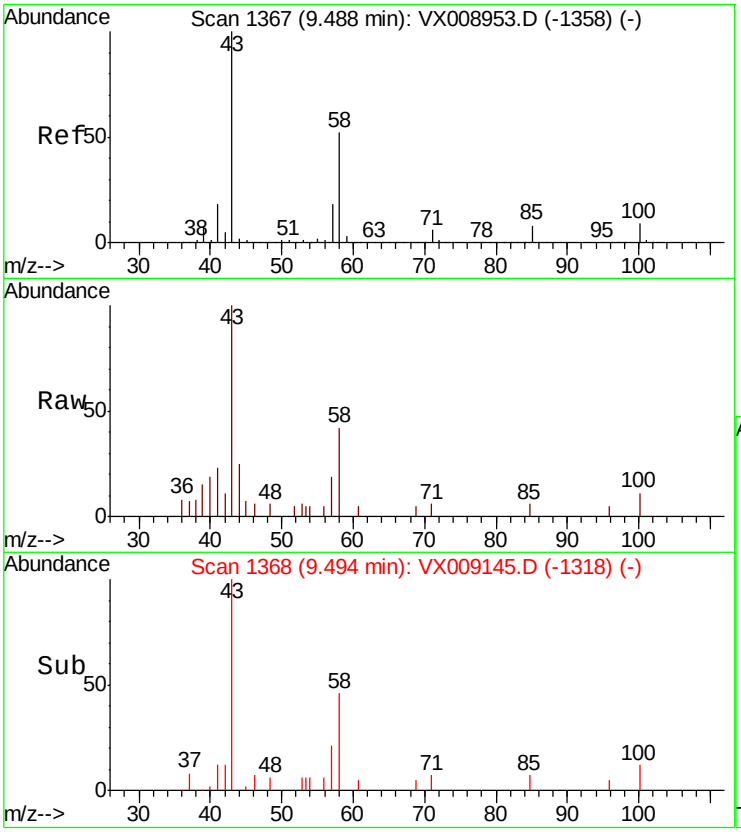


#51
4-Methyl-2-Pentanone
Concen: 0.577 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.01 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Tgt Ion: 43 Resp: 2920

Ion	Ratio	Lower	Upper
43	100		
58	41.0	29.8	44.6



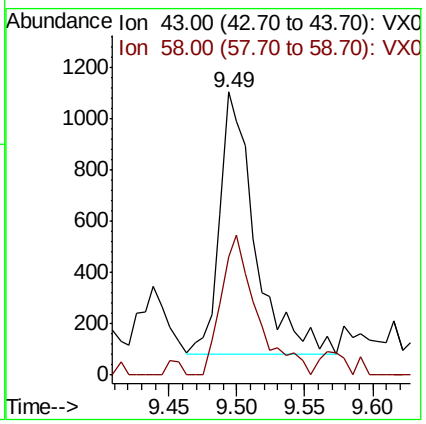


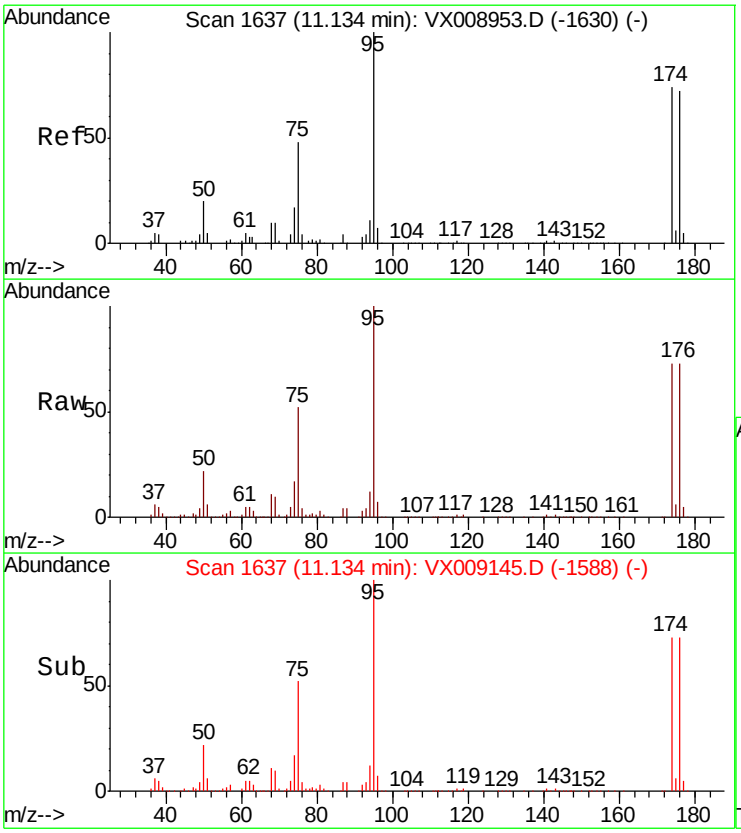
#59
2-Hexanone
Concen: 0.472 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
FMI-133

Tgt Ion: 43 Resp: 1842

Ion	Ratio	Lower	Upper
43	100		
58	54.1	25.9	77.8

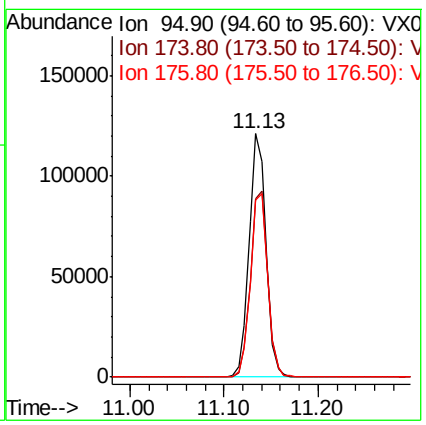


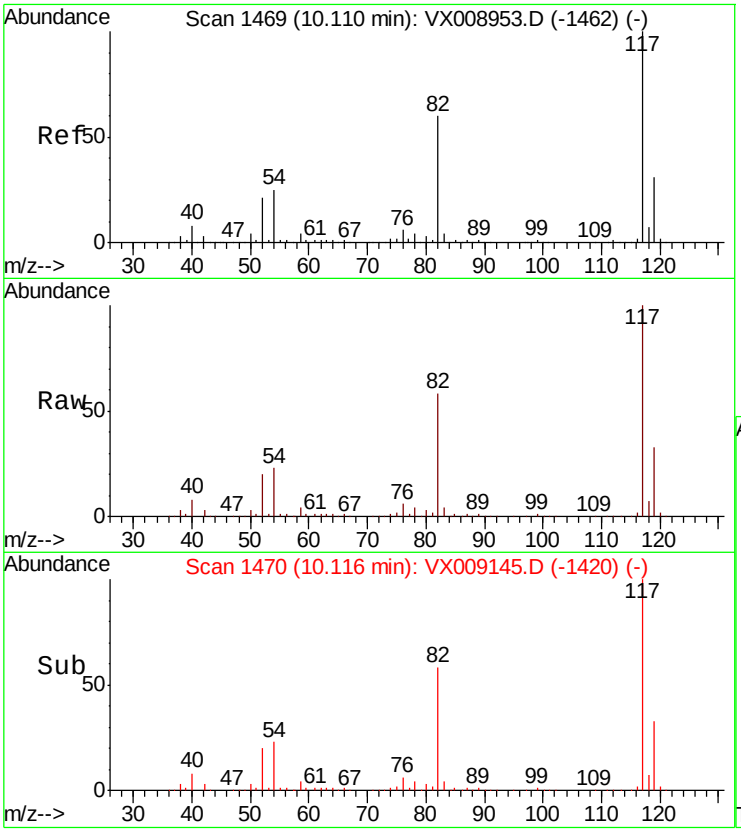


#62
4-Bromofluorobenzene
Concen: 45.595 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Tgt Ion: 95 Resp: 152497

Ion	Ratio	Lower	Upper
95	100		
174	78.3	0.0	159.6
176	77.8	0.0	154.8



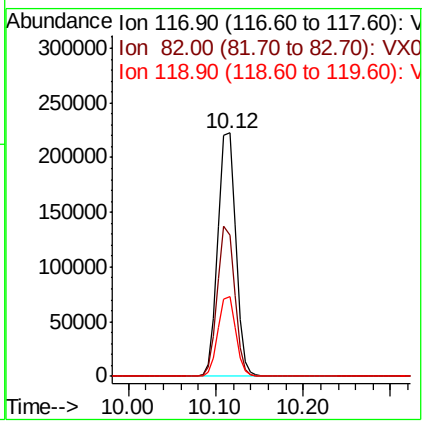


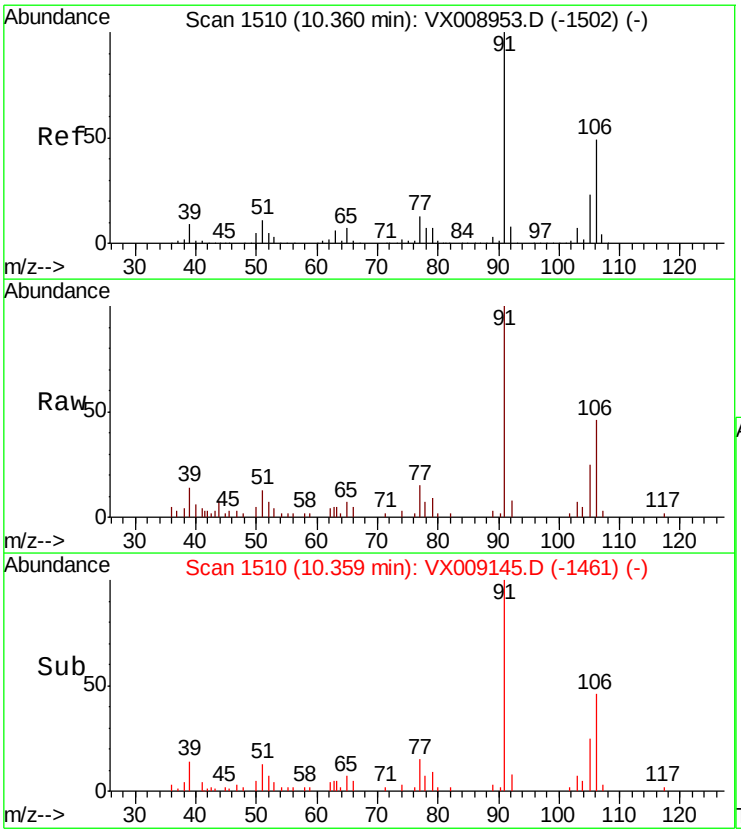
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Instrument : MSVOA_X
ClientSampleId : FMI-133

Tgt Ion:117 Resp: 314095

Ion	Ratio	Lower	Upper
117	100		
82	57.8	48.2	72.4
119	33.0	25.0	37.6

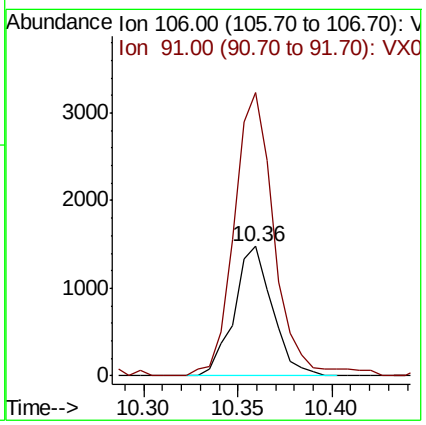


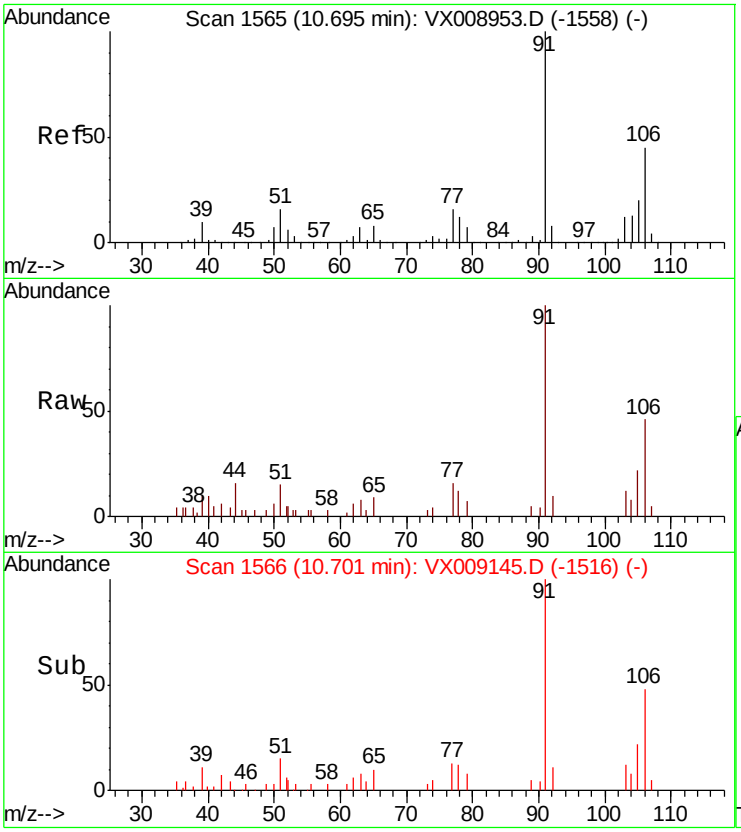


#68
m/p-Xylenes
Concen: 0.471 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Tgt Ion:106 Resp: 2074

Ion	Ratio	Lower	Upper
106	100		
91	230.3	165.4	248.2



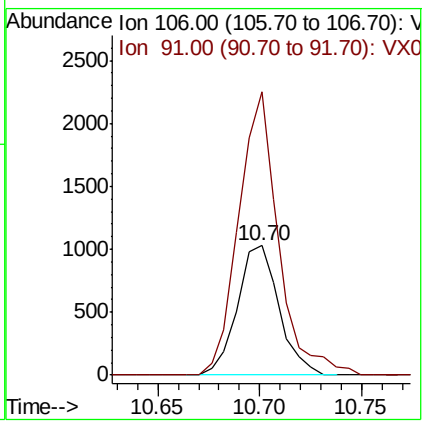


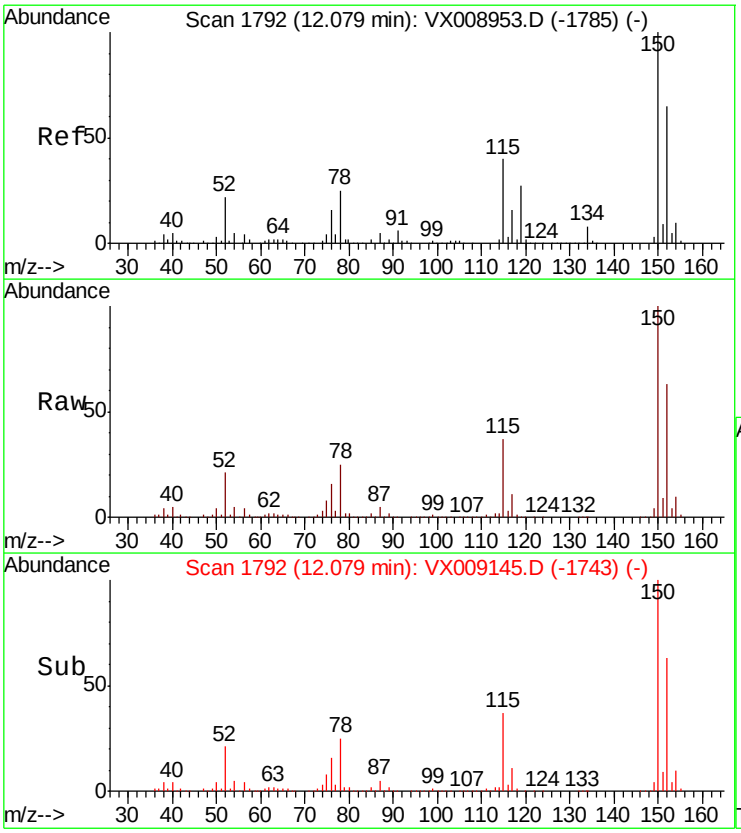
#69
o-Xylene
Concen: 0.341 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
FMI-133

Tgt Ion:106 Resp: 1461

Ion	Ratio	Lower	Upper
106	100		
91	208.6	108.9	326.7

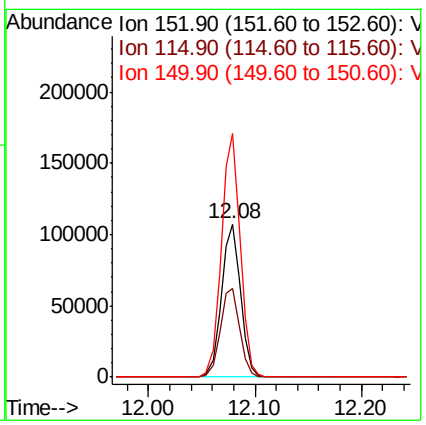


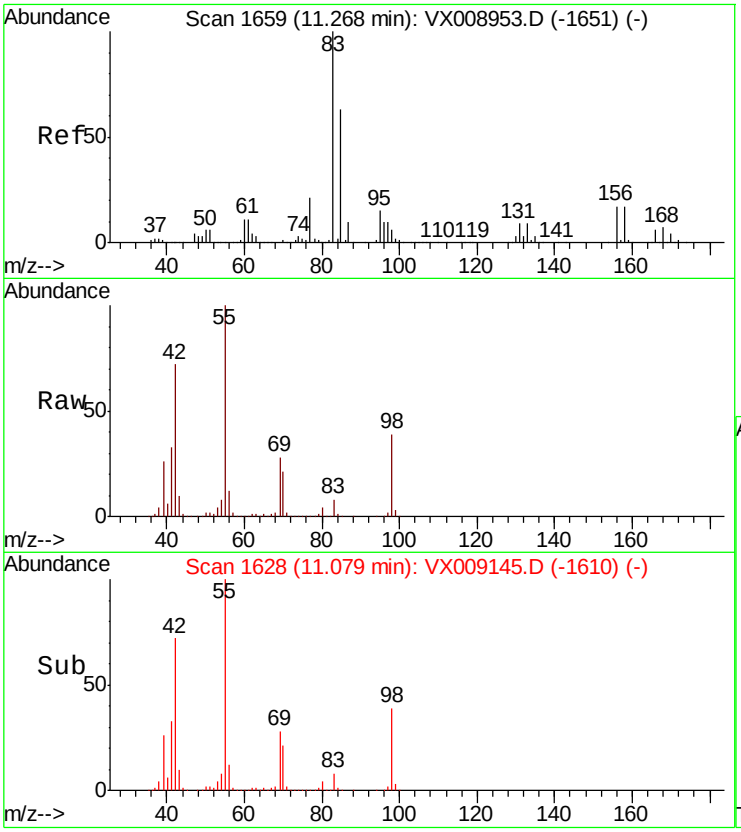


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Tgt Ion:152 Resp: 133398

Ion	Ratio	Lower	Upper
152	100		
115	59.5	41.4	124.2
150	158.0	0.0	349.8



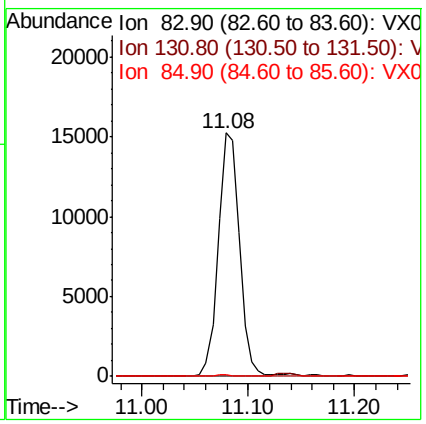


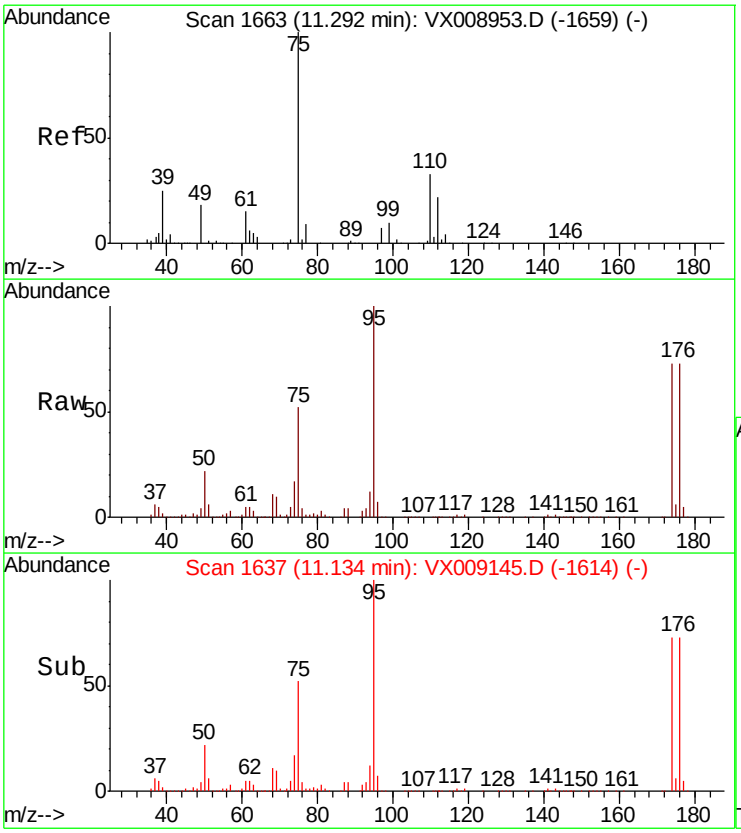
#75
1,1,2,2-Tetrachloroethane
Concen: 5.798 ug/l
RT: 11.08 min Scan# 1628
Delta R.T. -0.19 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
FMI-133

Tgt Ion: 83 Resp: 21422

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.7	14.0#
85	0.5	31.9	95.9#

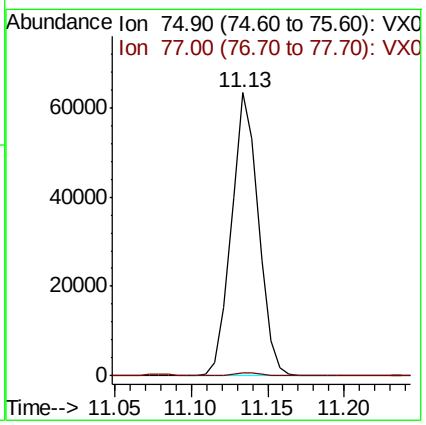


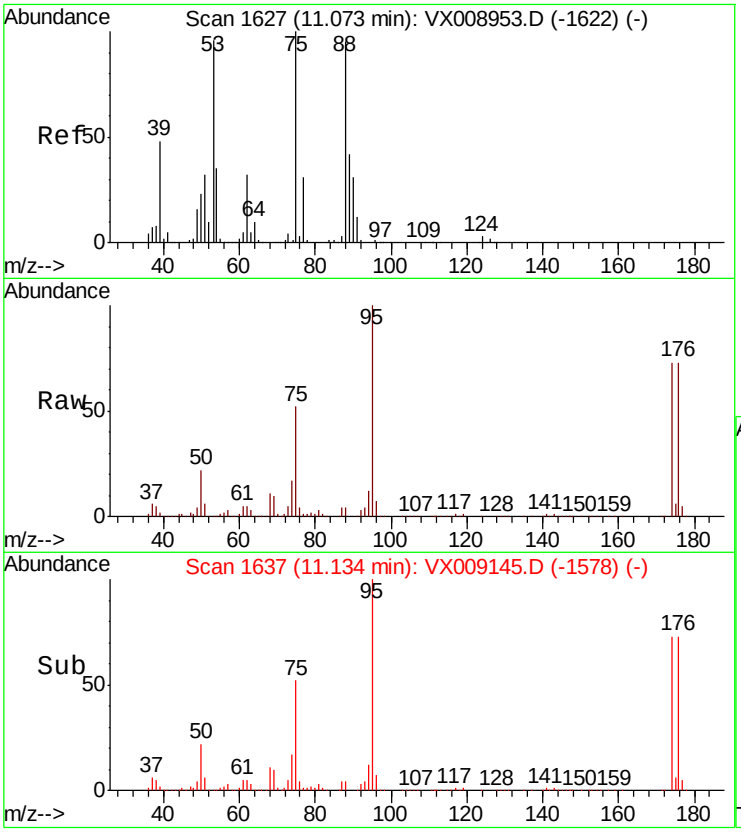


#76
1,2,3-Trichloropropane
Concen: 23.664 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Tgt Ion: 75 Resp: 77080

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.7	68.0#



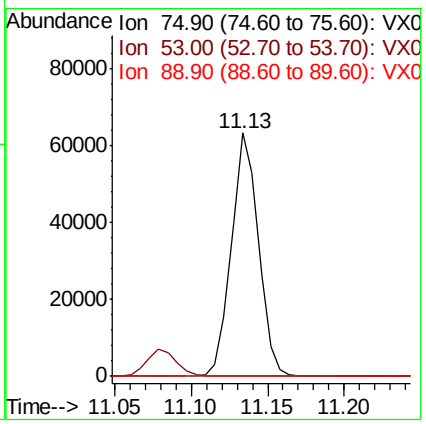


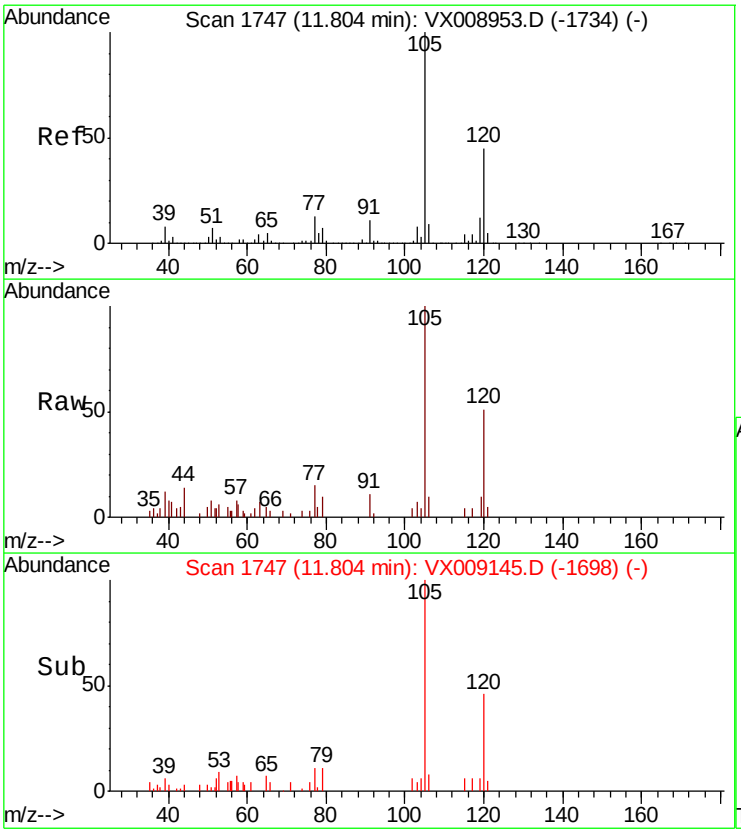
#81
trans-1,4-Dichloro-2-butene
Concen: 60.751 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
FMI-133

Tgt Ion: 75 Resp: 77080

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.2	117.4#
89	0.0	36.0	54.0#

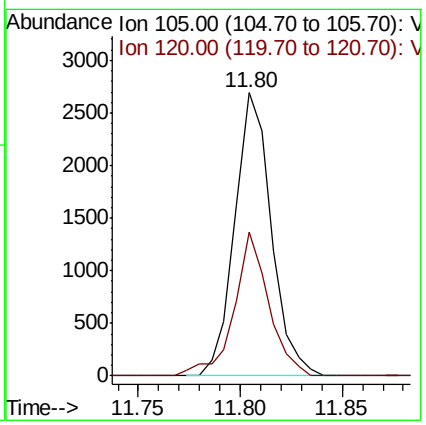


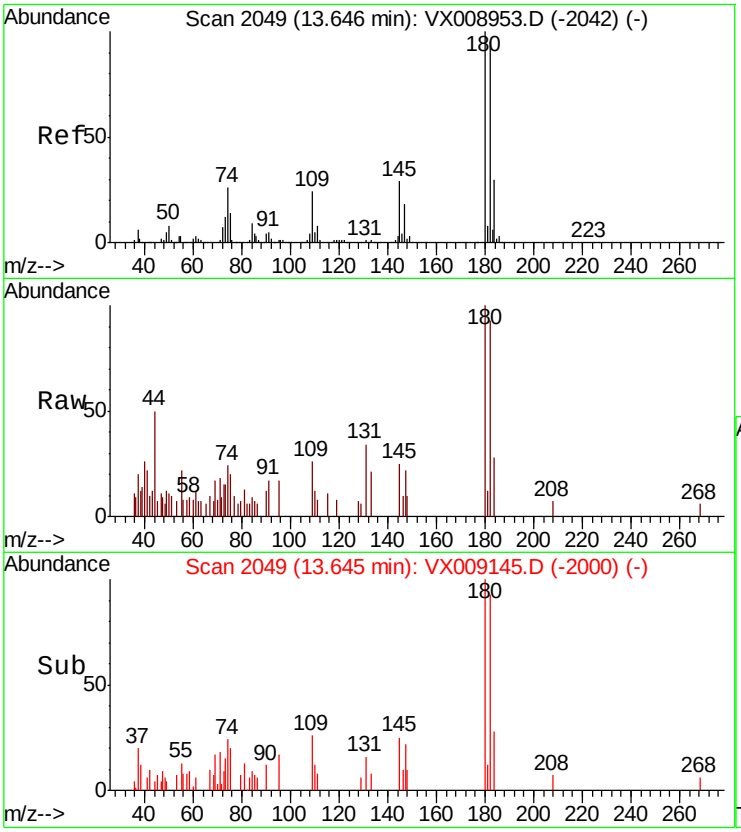


#84
1,2,4-Trimethylbenzene
Concen: 0.386 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Tgt Ion:105 Resp: 3337

Ion	Ratio	Lower	Upper
105	100		
120	48.1	21.9	65.8



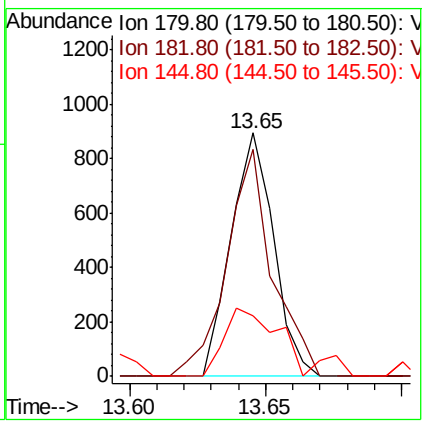


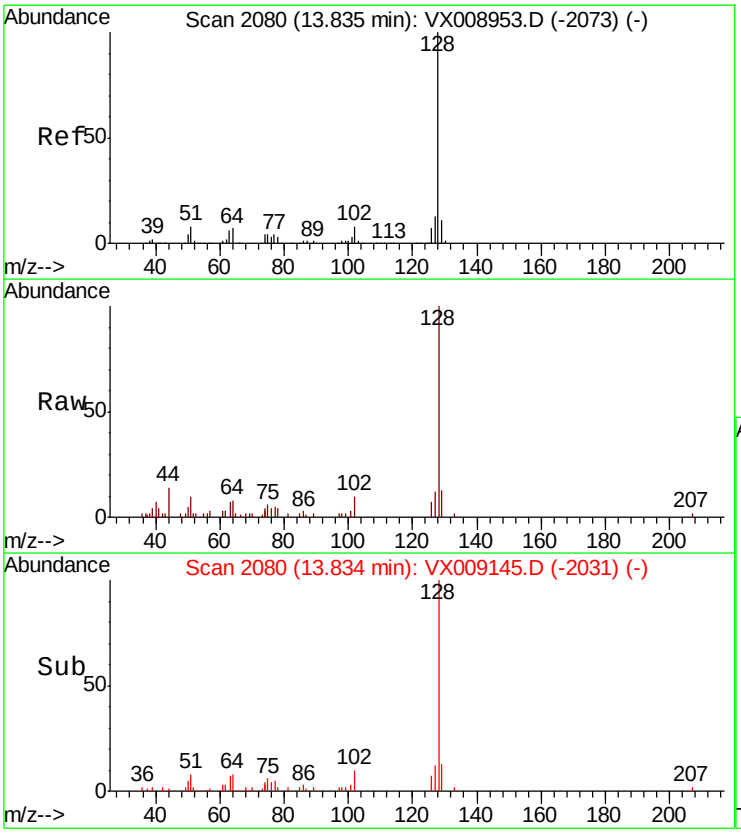
#93
1,2,4-Trichlorobenzene
Concen: 0.305 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
FMI-133

Tgt Ion:180 Resp: 970

Ion	Ratio	Lower	Upper
180	100		
182	100.4	47.6	142.9
145	39.8	14.8	44.4

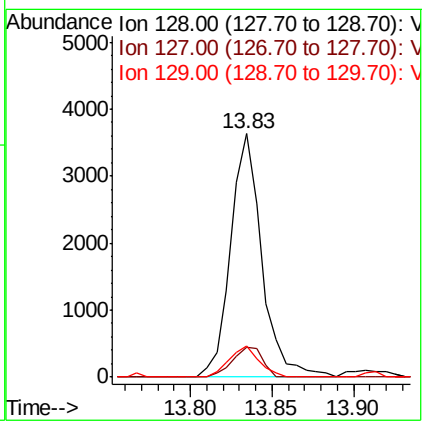


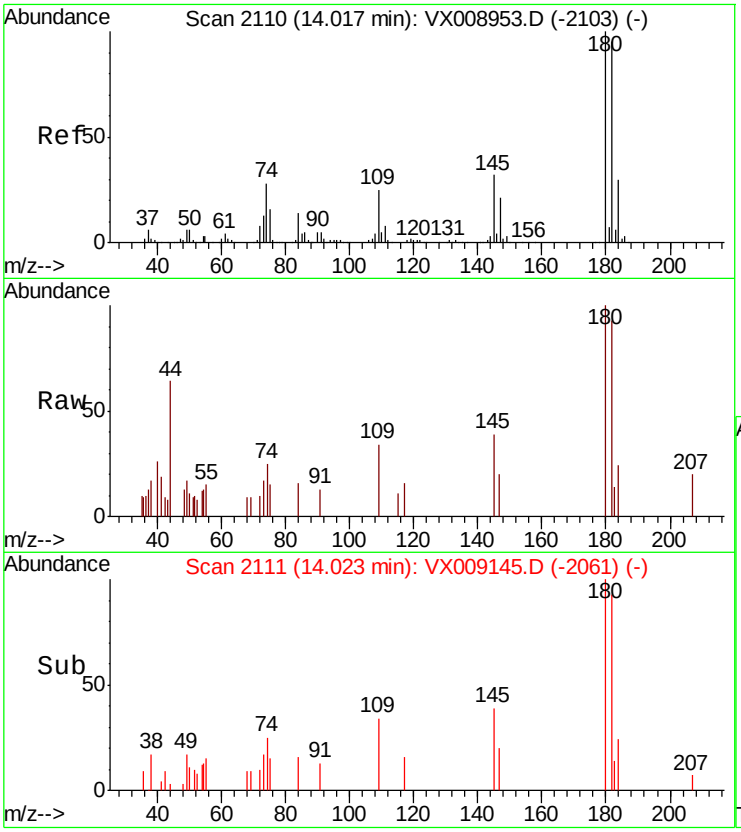


#95
Naphthalene
Concen: 0.473 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Tgt Ion:128 Resp: 4825

Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.6	16.0
129	12.2	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 0.296 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.01 min
Lab File: VX009145.D
Acq: 24 Apr 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
FMI-133

Tgt Ion:180 Resp: 931

Ion	Ratio	Lower	Upper
180	100		
182	98.5	47.8	143.4
145	51.0	15.8	47.3#