Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021819\
Data File : VX007591.D
Acq On : 18 Feb 2019 16:25
Operator : JC/SP
Sample : K1508-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : M-12-D

Quant Time: Feb 19 04:13:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	463362	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	743879	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	716146	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	332875	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	260934	53.05	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.10%				
35) Dibromofluoromethane	5.50	113	240956	49.78	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.56%				
50) Toluene-d8	8.71	98	913711	50.88	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.76%				
62) 4-Bromofluorobenzene	11.13	95	314110	47.91	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.82%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	337	0.236	ug/l	#	43
3) Chloromethane	1.33	50	1190	0.228	ug/l	#	88
5) Bromomethane	1.66	94	298	Below Cal		#	6
6) Chloroethane	1.72	64	675	0.204	ug/l	#	43
8) Diethyl Ether	2.20	74	874	0.290	ug/l		66
13) Acrolein	2.28	56	200	0.419	ug/l		98
14) Allyl chloride	2.86	41	18406	2.553	ug/l	#	24
15) Acrylonitrile	3.14	53	663	0.263	ug/l	#	56
16) Acetone	2.45	43	17216	7.642	ug/l		98
17) Carbon Disulfide	2.57	76	1077	2.210	ug/l	#	5
18) Methyl Acetate	2.78	43	15641	3.226	ug/l		92
20) Methylene Chloride	2.86	84	487702	106.426	ug/l		98
25) 2-Butanone	4.71	43	6837	2.132	ug/l	#	79
29) Tetrahydrofuran	5.17	42	1854	0.919	ug/l	#	78
30) Chloroform	5.23	83	2526	0.318	ug/l		96
31) Cyclohexane	5.66	56	7813	1.142	ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	29946	4.487	ug/l	#	50
38) Carbon Tetrachloride	5.67	117	42620	6.582	ug/l	#	16
43) Isopropyl Acetate	6.46	43	24589	2.361	ug/l	#	93
47) Bromodichloromethane	7.90	83	1356	0.223	ug/l	#	67
48) Methyl methacrylate	7.69	41	11843	2.274	ug/l	#	13
49) 1,4-Dioxane	7.76	88	283	9.251	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.62	43	121650	17.745	ug/l	#	50
54) cis-1,3-Dichloropropene	8.62	75	59943	8.363	ug/l	#	60
57) 1,3-Dichloropropane	9.54	76	16049	1.909	ug/l	#	45
59) 2-Hexanone	9.54	43	196884	36.906	ug/l	#	53
68) m/p-Xylenes	10.36	106	2361	0.236	ug/l		97
76) 1,2,3-Trichloropropane	11.13	75	149932	23.156	ug/l	#	33
80) 1,3,5-Trimethylbenzene	11.51	105	4216	0.228	ug/l		87
81) trans-1,4-Dichloro-2-buten	11.13	75	149932	69.749	ug/l	#	9
84) 1,2,4-Trimethylbenzene	11.81	105	6375	0.339	ug/l		92
95) Naphthalene	13.83	128	29071	1.295	ug/l		100

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021819\
Data File : VX007591.D
Acq On : 18 Feb 2019 16:25
Operator : JC/SP
Sample : K1508-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
M-12-D

Quant Time: Feb 19 04:13:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021819\
Data File : VX007591.D
Acq On : 18 Feb 2019 16:25
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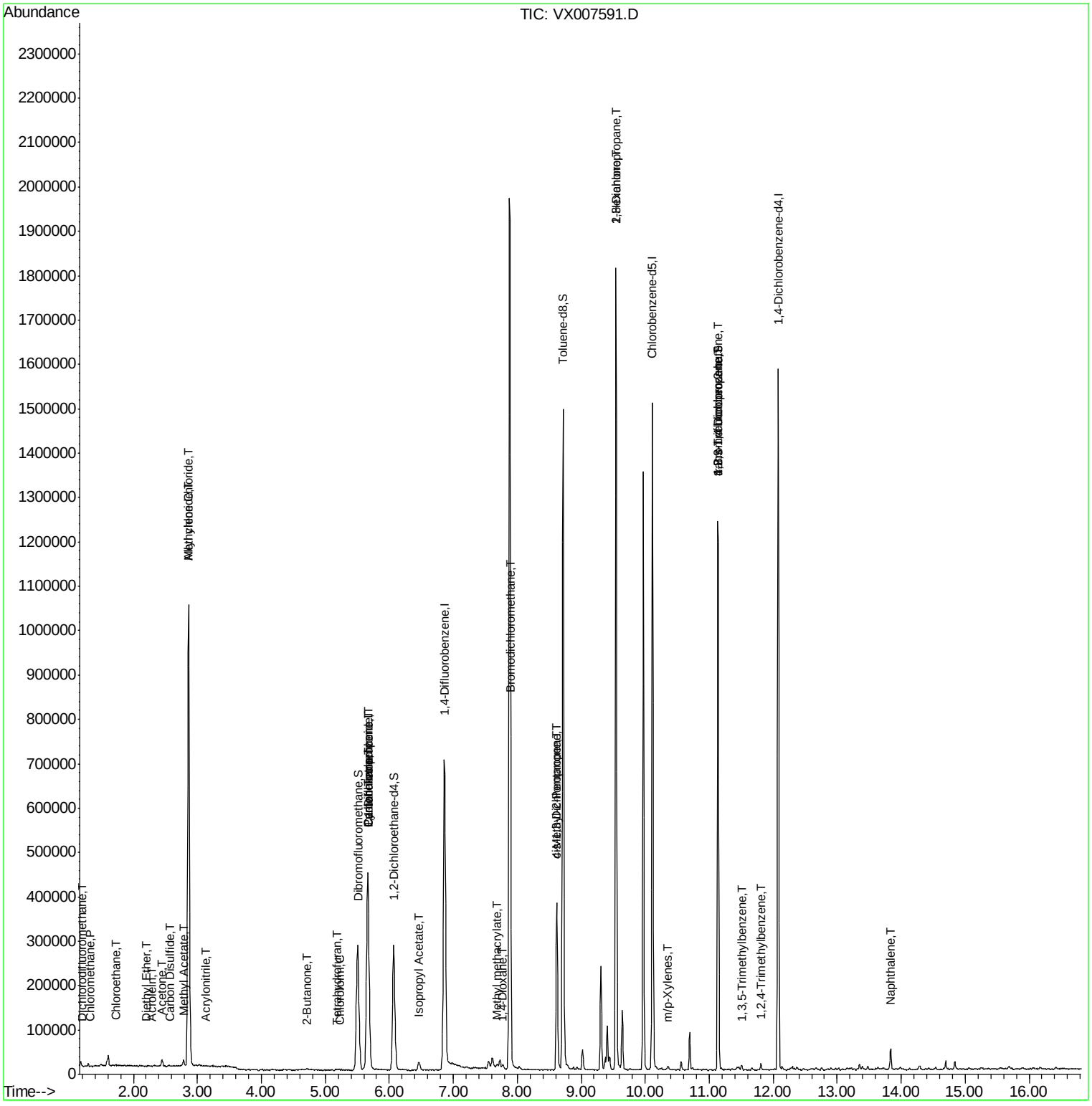
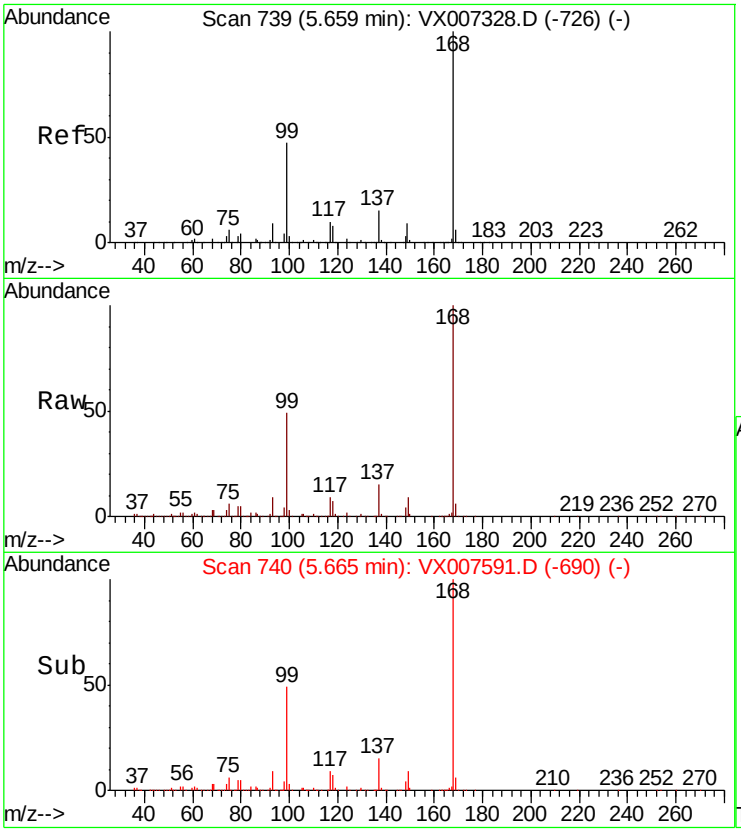
Quant Time: Feb 19 04:13:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration



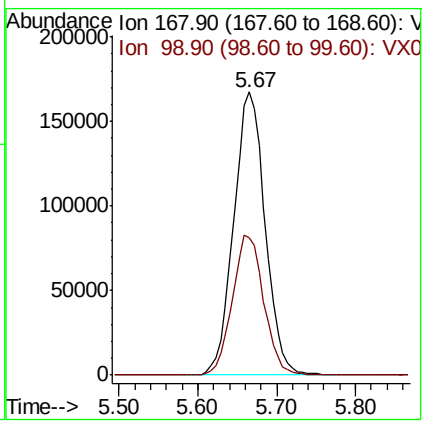


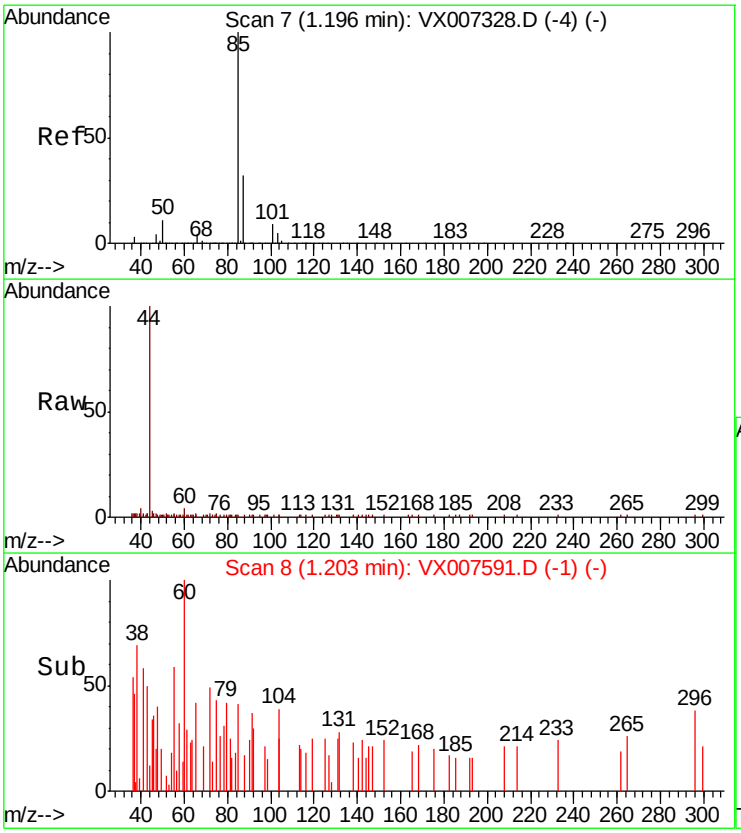
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :
M-12-D

Tgt Ion:168 Resp: 463362

Ion	Ratio	Lower	Upper
168	100		
99	48.7	37.9	56.9

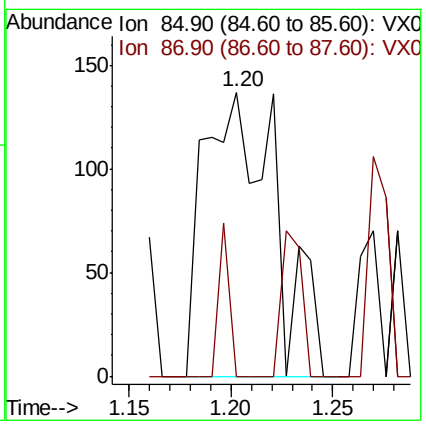


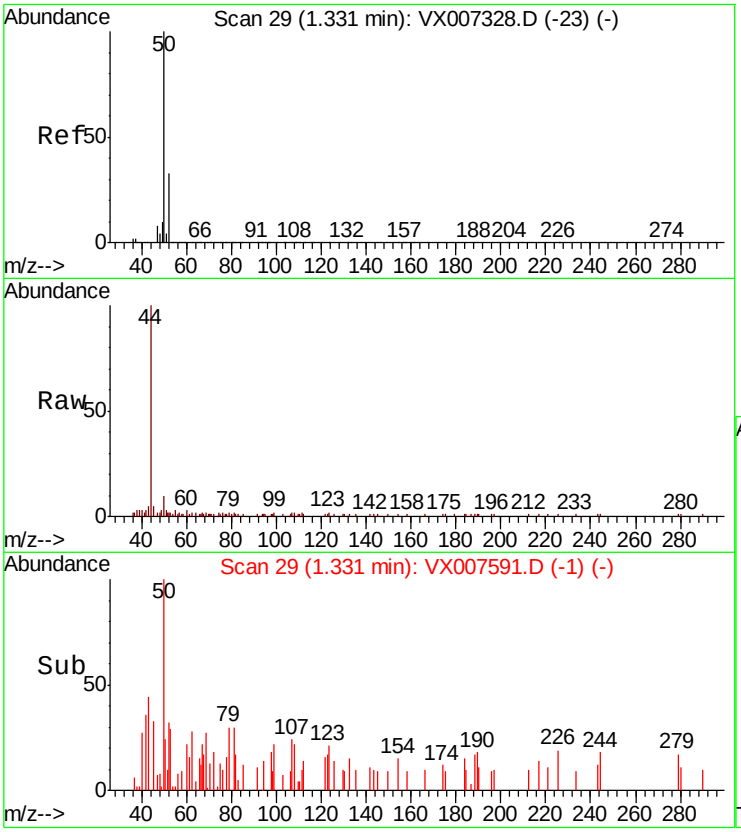


#2
Dichlorodifluoromethane
Concen: 0.236 ug/l
RT: 1.20 min Scan# 8
Delta R.T. 0.01 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Tgt Ion: 85 Resp: 337

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.8	47.4#



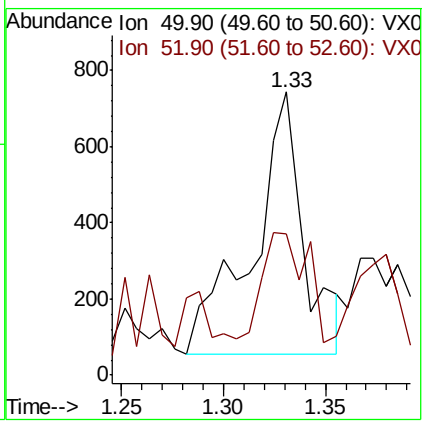


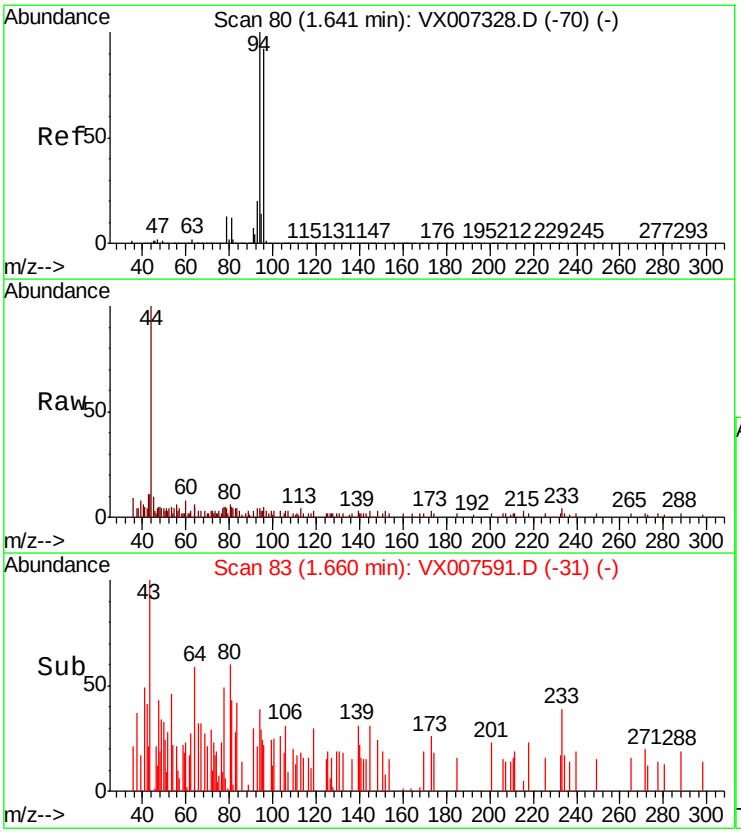
#3
Chloromethane
Concen: 0.228 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Instrument : MSVOA_X
ClientSampleId : M-12-D

Tgt Ion: 50 Resp: 1190

Ion	Ratio	Lower	Upper
50	100		
52	39.2	26.1	39.1#

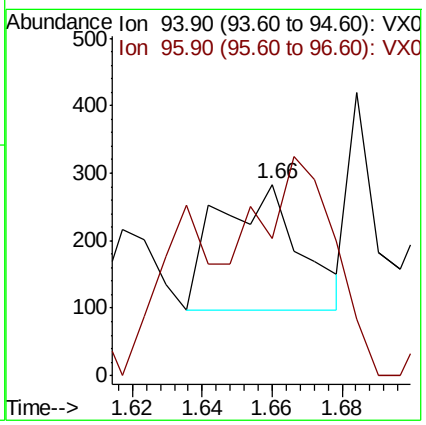


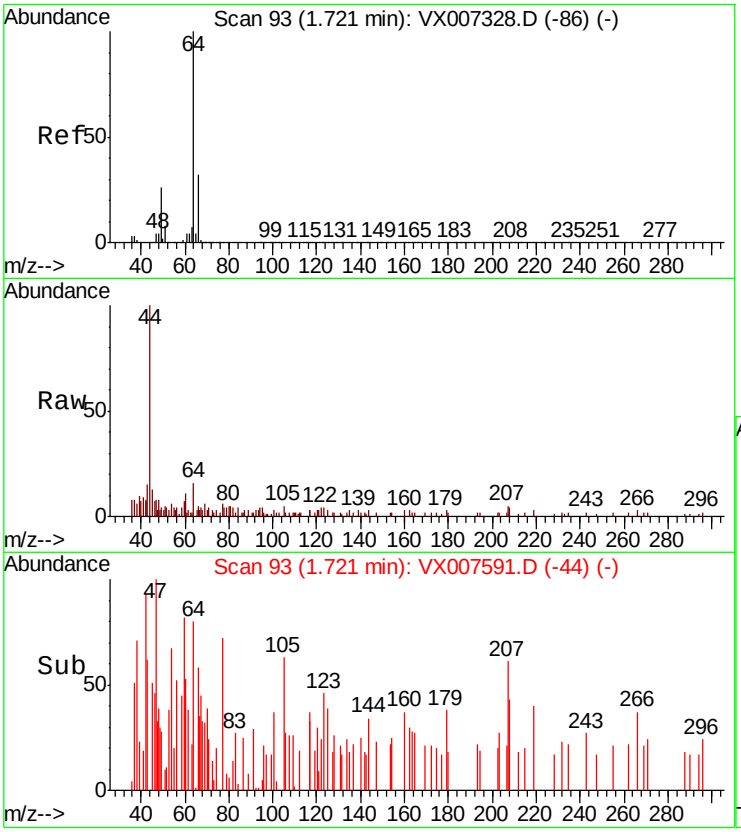


#5
Bromomethane
Concen: Below Cal
RT: 1.66 min Scan# 83
Delta R.T. 0.02 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Tgt Ion: 94 Resp: 298

Ion	Ratio	Lower	Upper
94	100		
96	2.2	73.9	110.9#



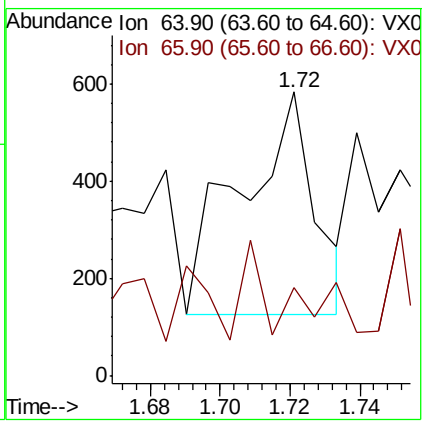


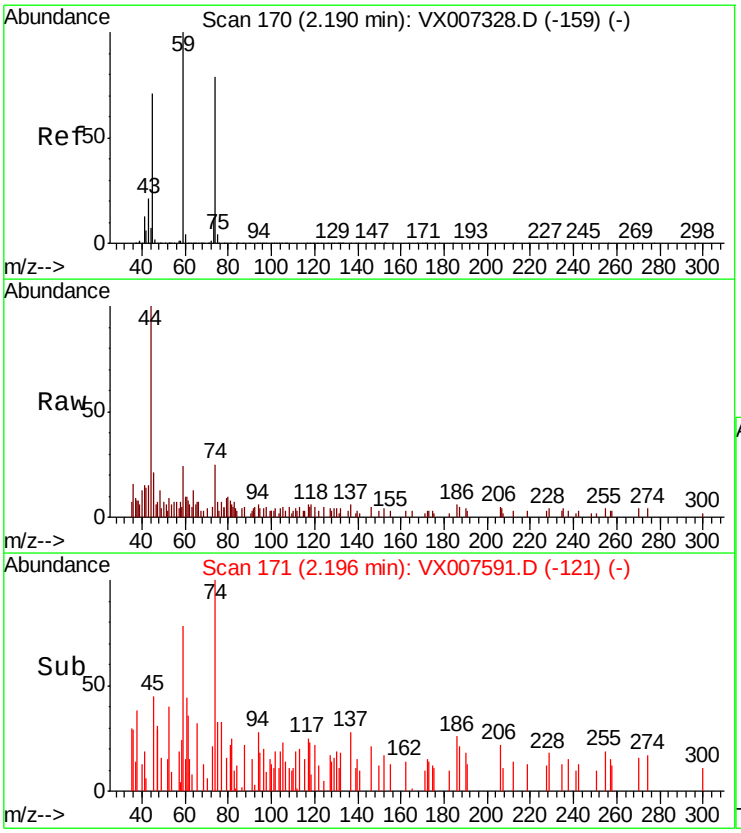
#6
Chloroethane
Concen: 0.204 ug/l
RT: 1.72 min Scan# 93
Delta R.T. 0.00 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Instrument : MSVOA_X
ClientSampleId : M-12-D

Tgt Ion: 64 Resp: 675

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.5	38.3#

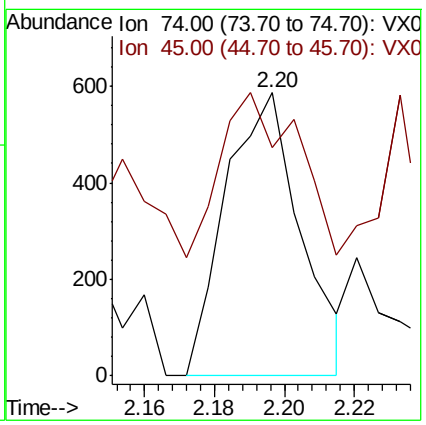


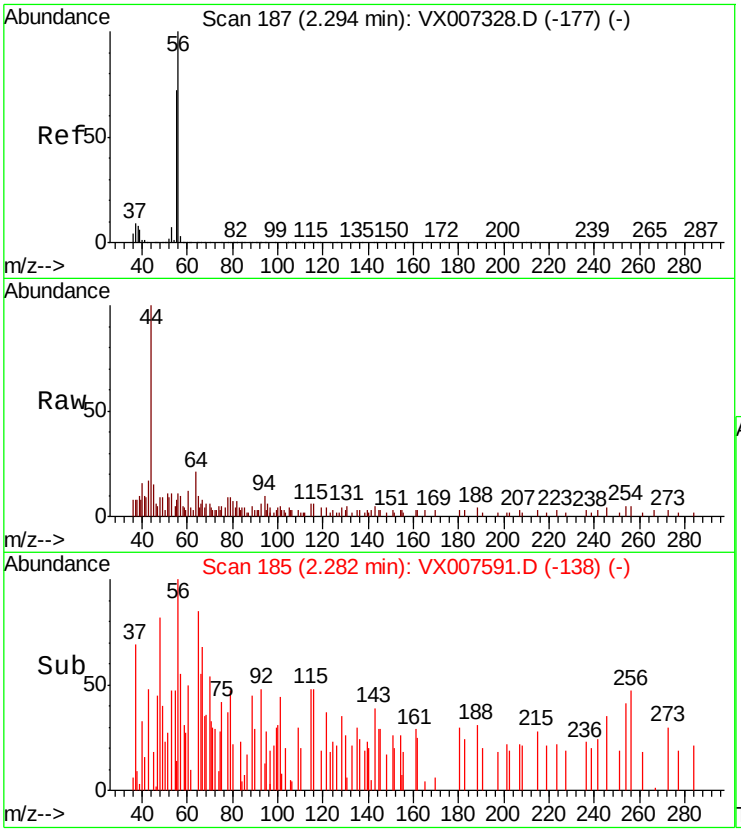


#8
Diethyl Ether
Concen: 0.290 ug/l
RT: 2.20 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Tgt Ion: 74 Resp: 874

Ion	Ratio	Lower	Upper
74	100		
45	59.4	45.7	137.1



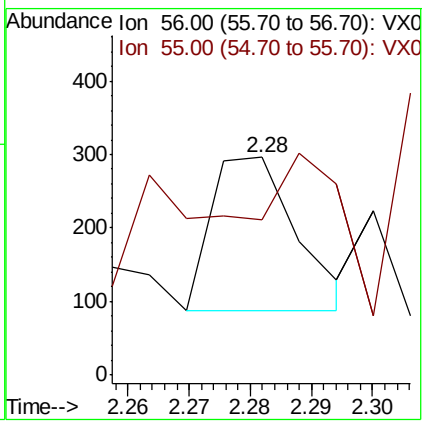


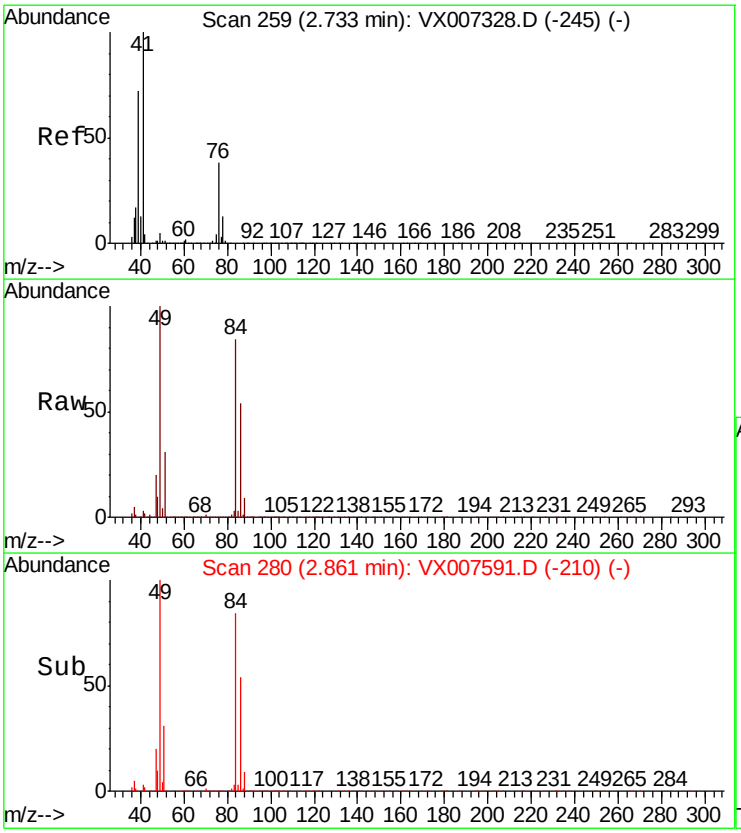
#13
Acrolein
Concen: 0.419 ug/l
RT: 2.28 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :
M-12-D

Tgt Ion: 56 Resp: 200

Ion	Ratio	Lower	Upper
56	100		
55	73.0	56.9	85.3

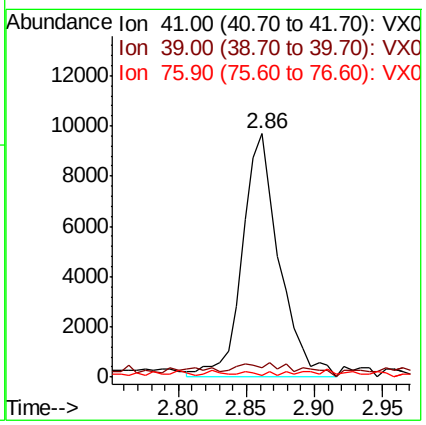


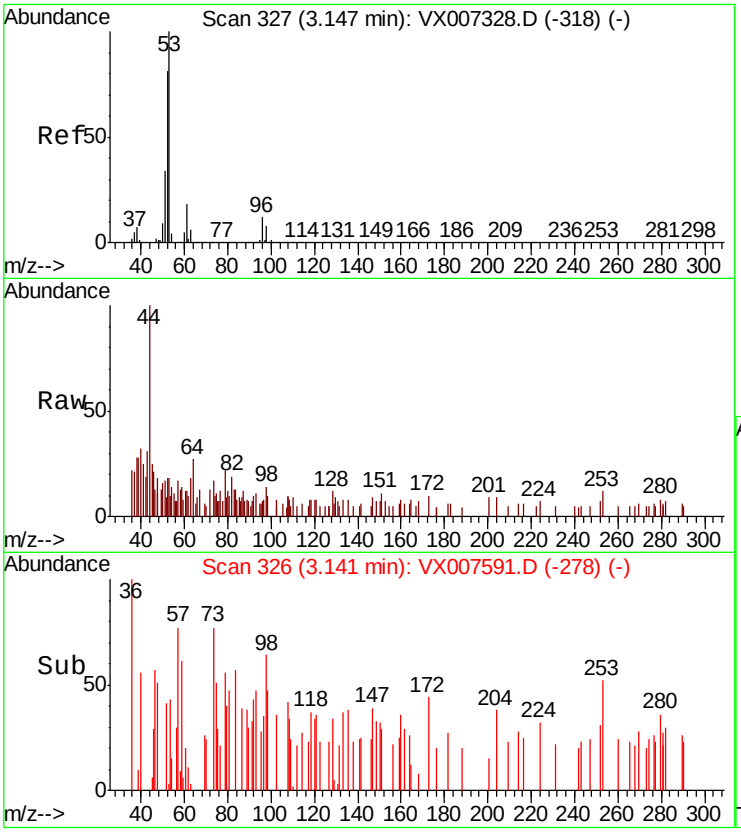


#14
Allyl chloride
Concen: 2.553 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.13 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Tgt Ion: 41 Resp: 18406

Ion	Ratio	Lower	Upper
41	100		
39	0.0	54.1	81.1#
76	0.3	27.8	41.8#



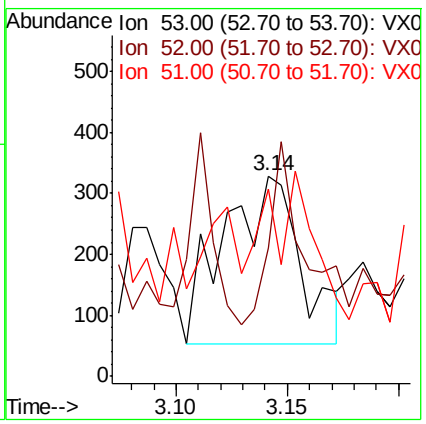


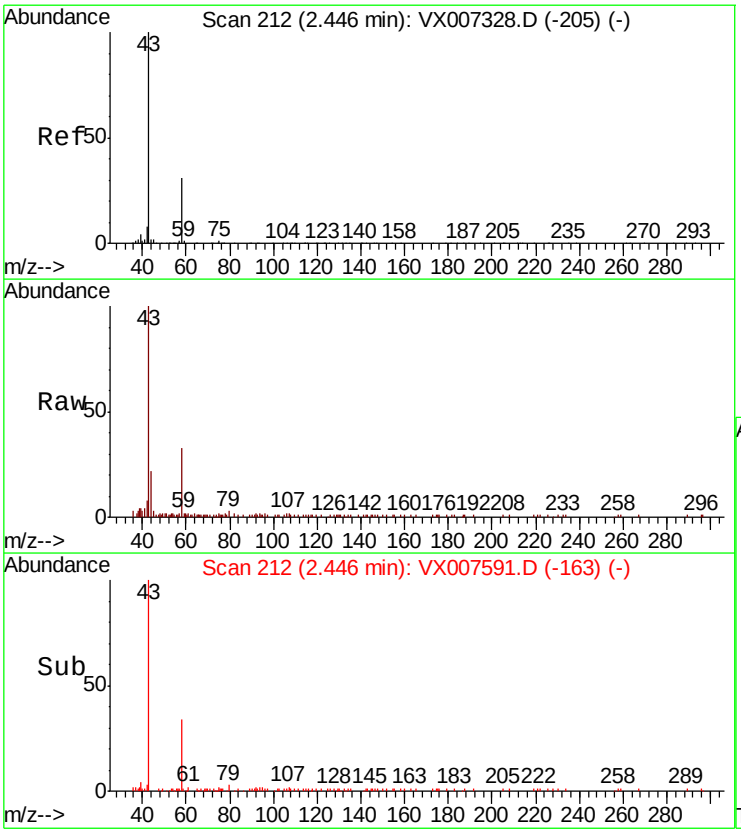
#15
Acrylonitrile
Concen: 0.263 ug/l
RT: 3.14 min Scan# 326
Delta R.T. -0.01 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :
M-12-D

Tgt Ion: 53 Resp: 663

Ion	Ratio	Lower	Upper
53	100		
52	49.5	66.4	99.6#
51	0.0	28.4	42.6#

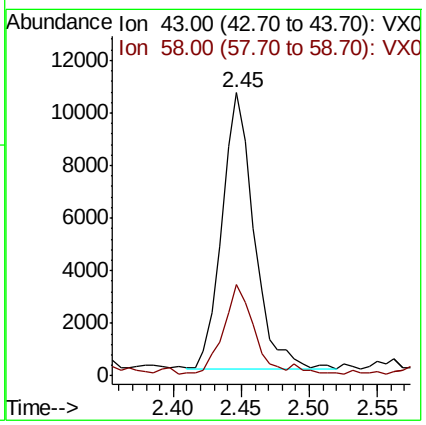


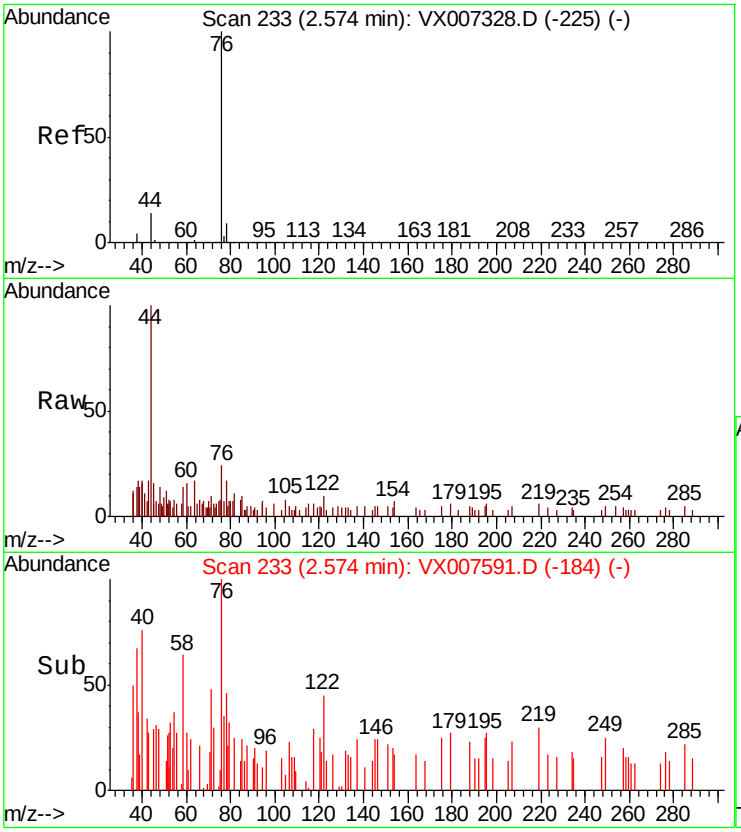


#16
Acetone
Concen: 7.642 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Tgt Ion: 43 Resp: 17216

Ion	Ratio	Lower	Upper
43	100		
58	32.1	24.9	37.3



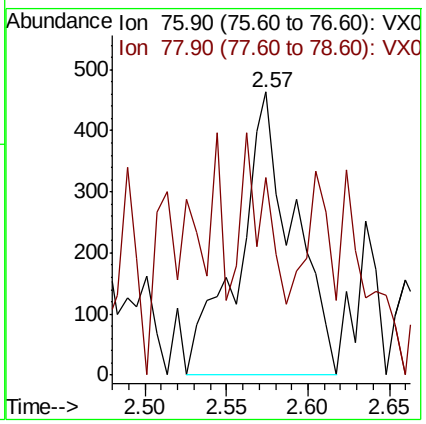


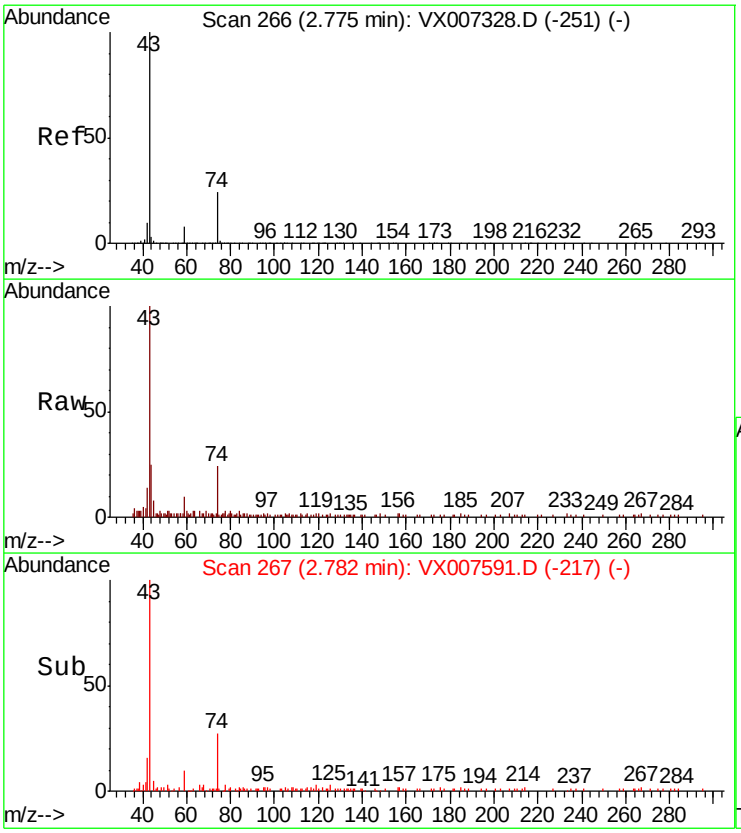
#17
Carbon Disulfide
Concen: 2.210 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.00 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :
M-12-D

Tgt Ion: 76 Resp: 1077

Ion	Ratio	Lower	Upper
76	100		
78	43.2	7.1	10.7#

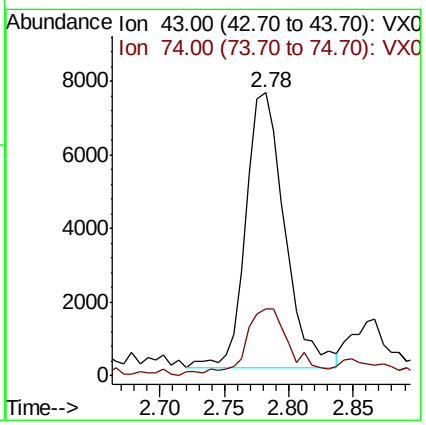


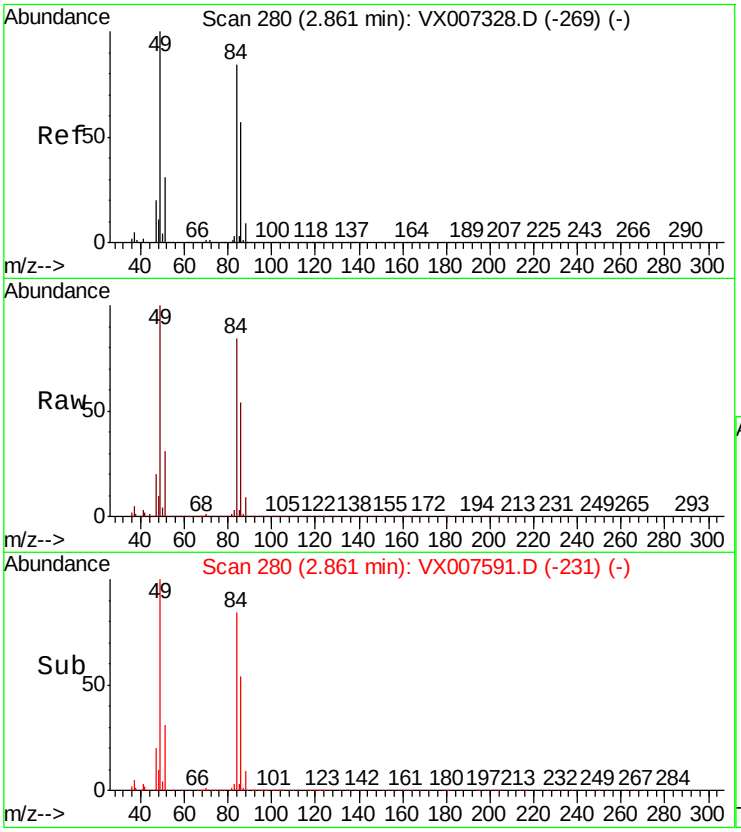


#18
Methyl Acetate
Concen: 3.226 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Tgt Ion: 43 Resp: 15641

Ion	Ratio	Lower	Upper
43	100		
74	28.3	19.4	29.2



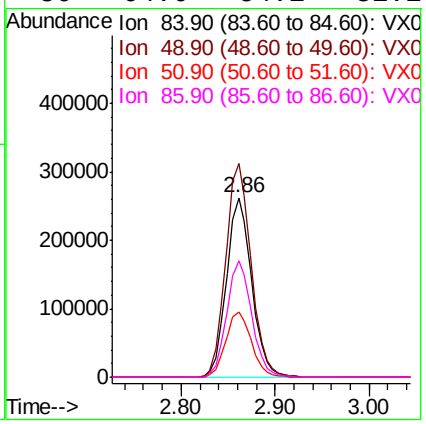


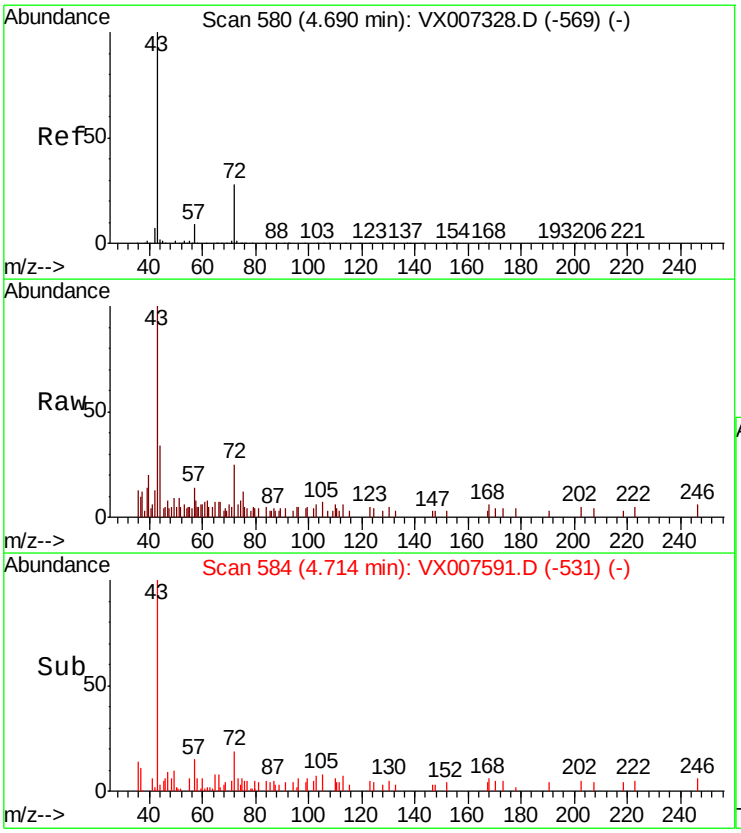
#20
Methylene Chloride
Concen: 106.426 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :
M-12-D

Tgt Ion: 84 Resp: 487702

Ion	Ratio	Lower	Upper
84	100		
49	119.0	94.8	142.2
51	36.4	29.8	44.8
86	64.6	54.1	81.1

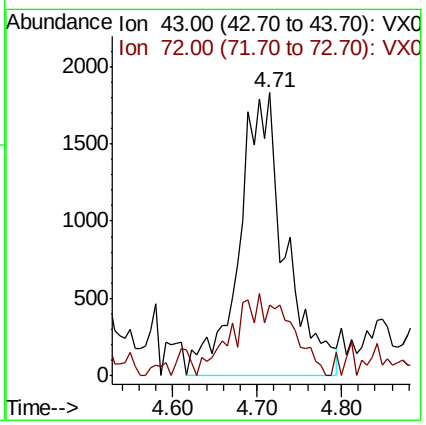


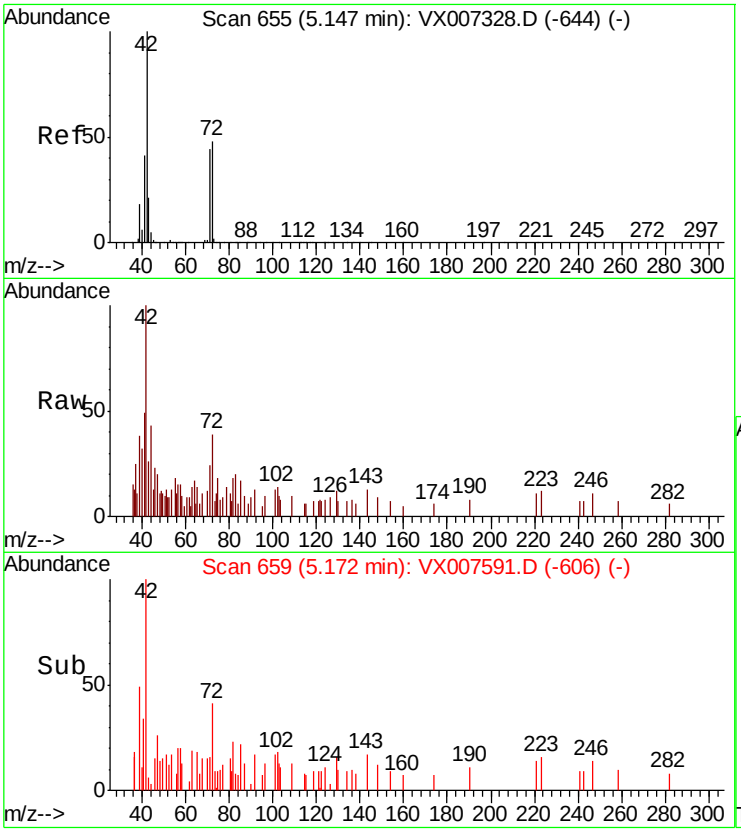


#25
2-Butanone
Concen: 2.132 ug/l
RT: 4.71 min Scan# 584
Delta R.T. 0.02 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Tgt Ion: 43 Resp: 6837

Ion	Ratio	Lower	Upper
43	100		
72	16.6	22.2	33.2#



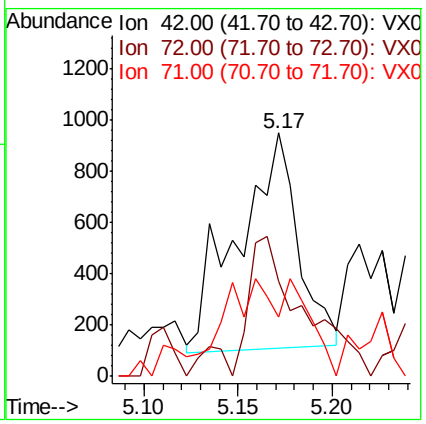


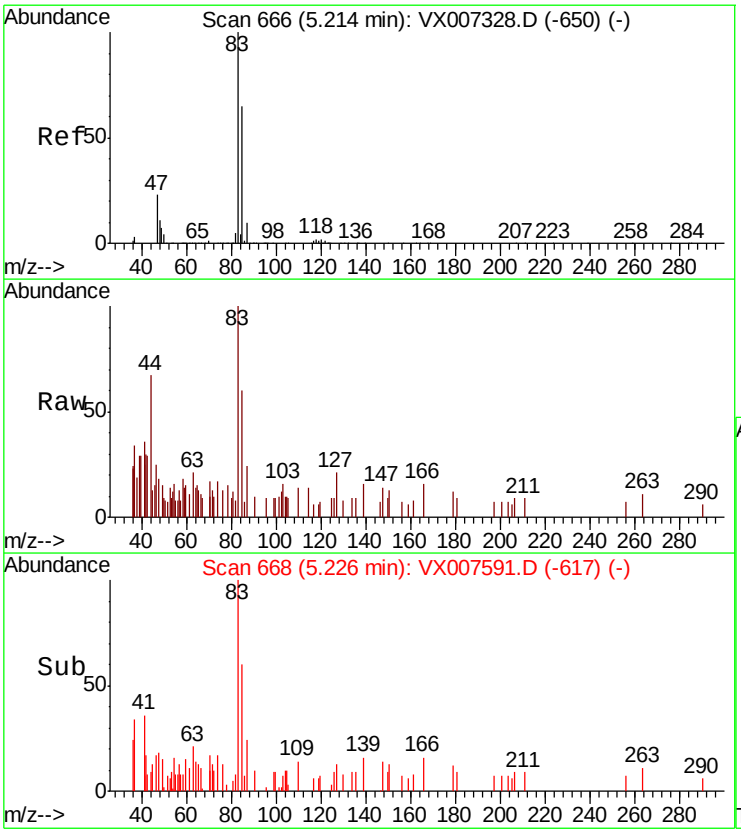
#29
Tetrahydrofuran
Concen: 0.919 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.02 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :
M-12-D

Tgt Ion: 42 Resp: 1854

Ion	Ratio	Lower	Upper
42	100		
72	58.8	37.6	56.4#
71	25.9	34.6	51.8#

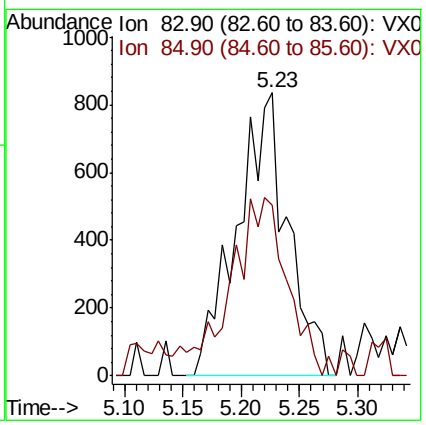


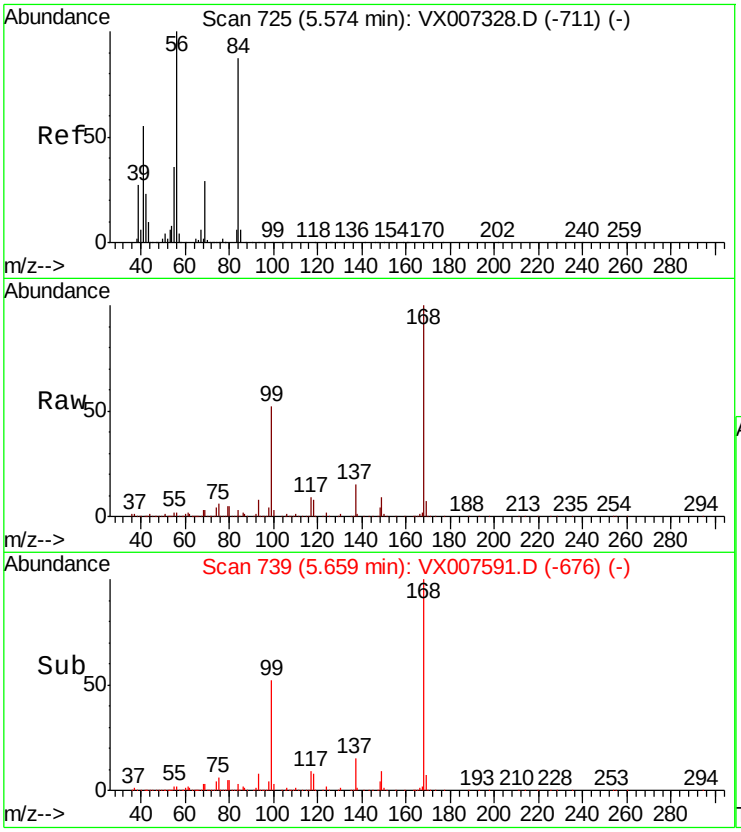


#30
Chloroform
Concen: 0.318 ug/l
RT: 5.23 min Scan# 668
Delta R.T. 0.01 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Tgt Ion: 83 Resp: 2526

Ion	Ratio	Lower	Upper
83	100		
85	67.4	51.6	77.4



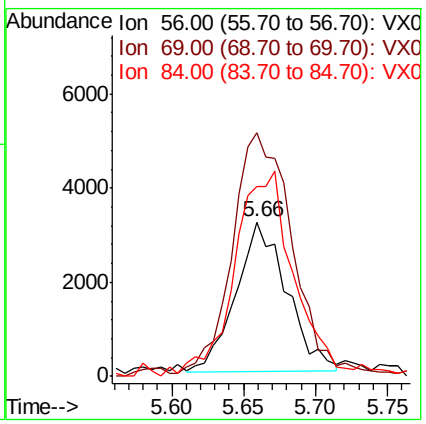


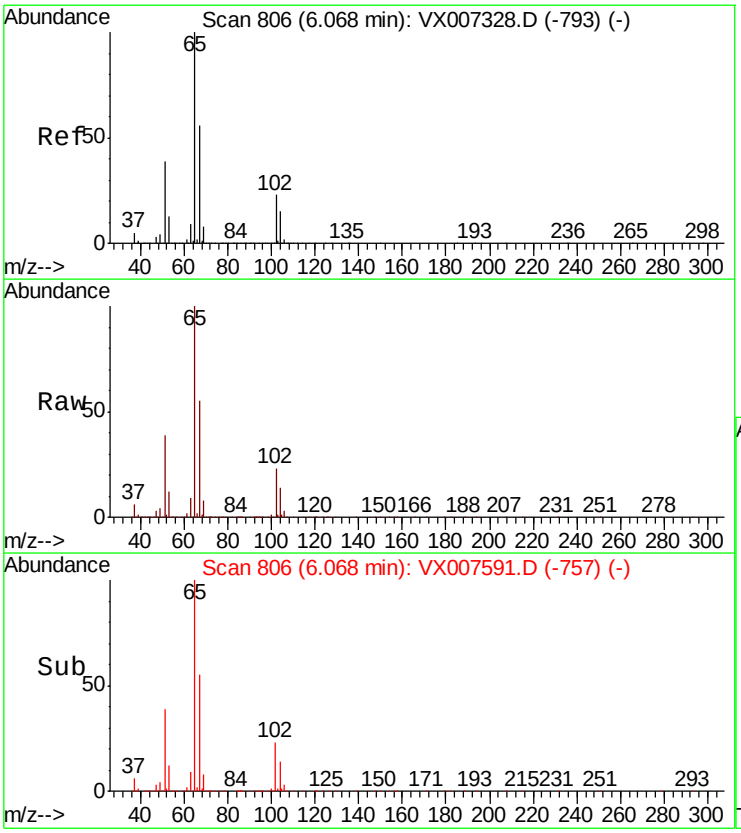
#31
Cyclohexane
Concen: 1.142 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :
M-12-D

Tgt Ion: 56 Resp: 7813

Ion	Ratio	Lower	Upper
56	100		
69	164.6	23.0	34.6#
84	133.9	69.8	104.6#

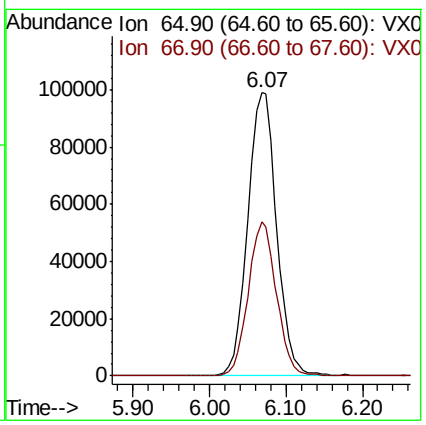


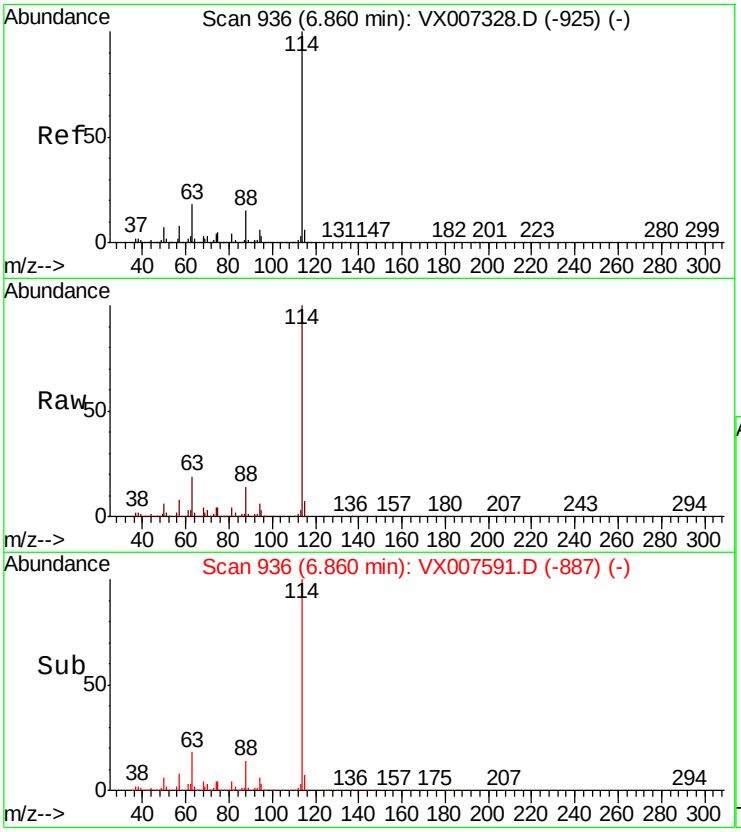


#33
1,2-Dichloroethane-d4
Concen: 53.055 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Tgt Ion: 65 Resp: 260934

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	108.8



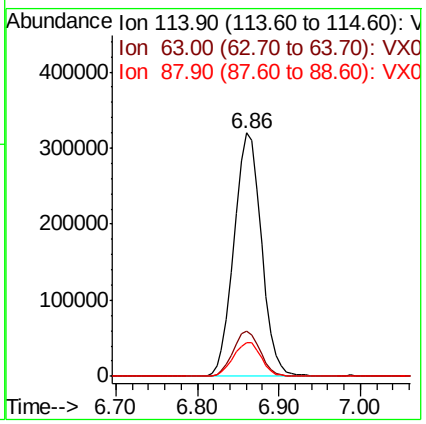


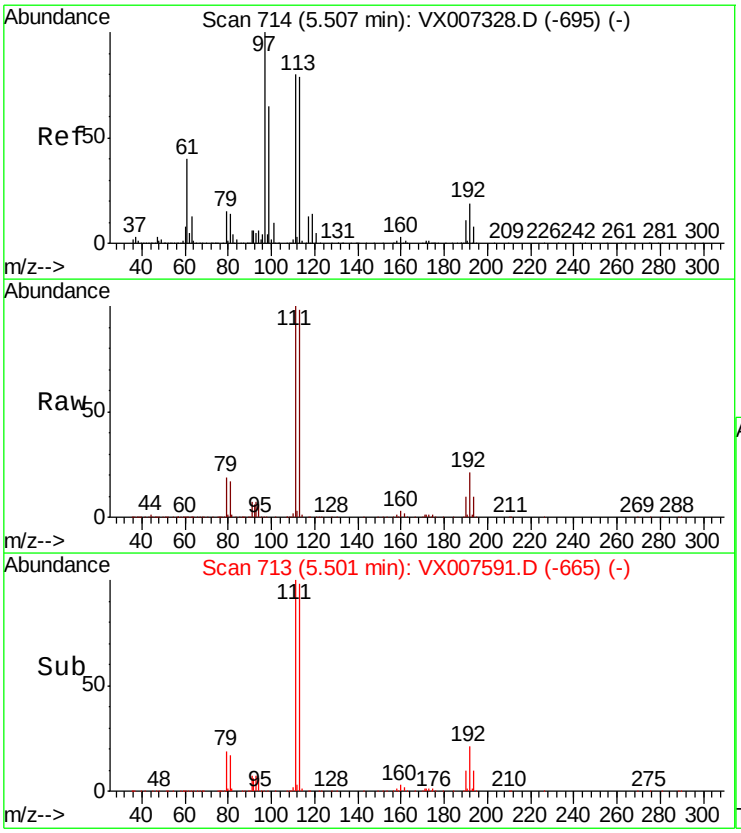
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :
M-12-D

Tgt Ion:114 Resp: 743879

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	35.6
88	13.9	0.0	29.6

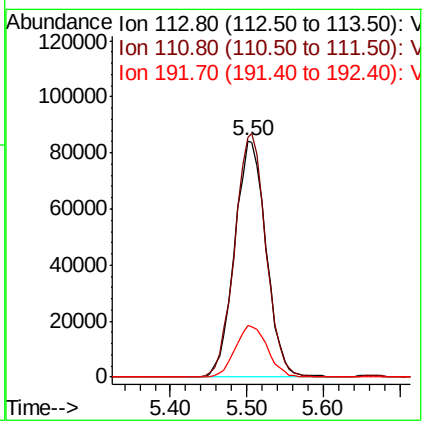


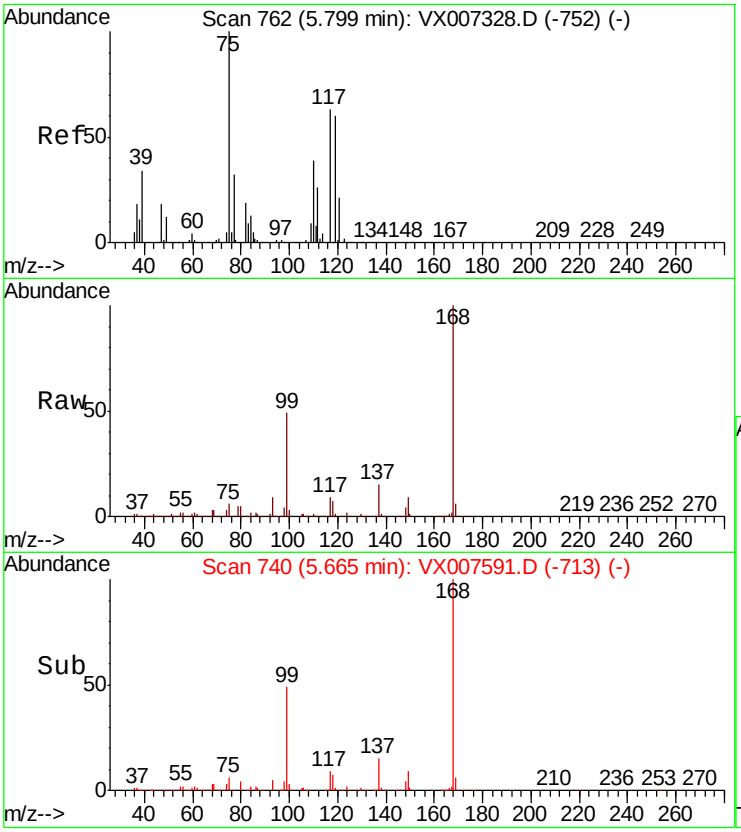


#35
Dibromofluoromethane
Concen: 49.783 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.01 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Tgt Ion:113 Resp: 240956

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.8	122.8
192	22.2	18.5	27.7



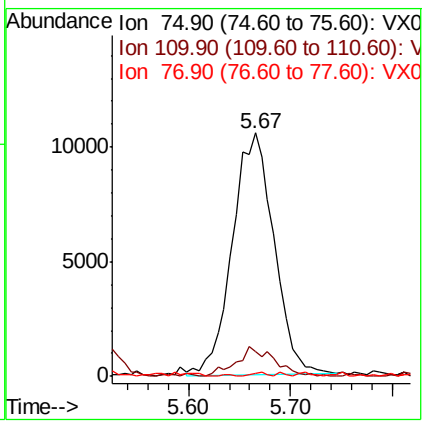


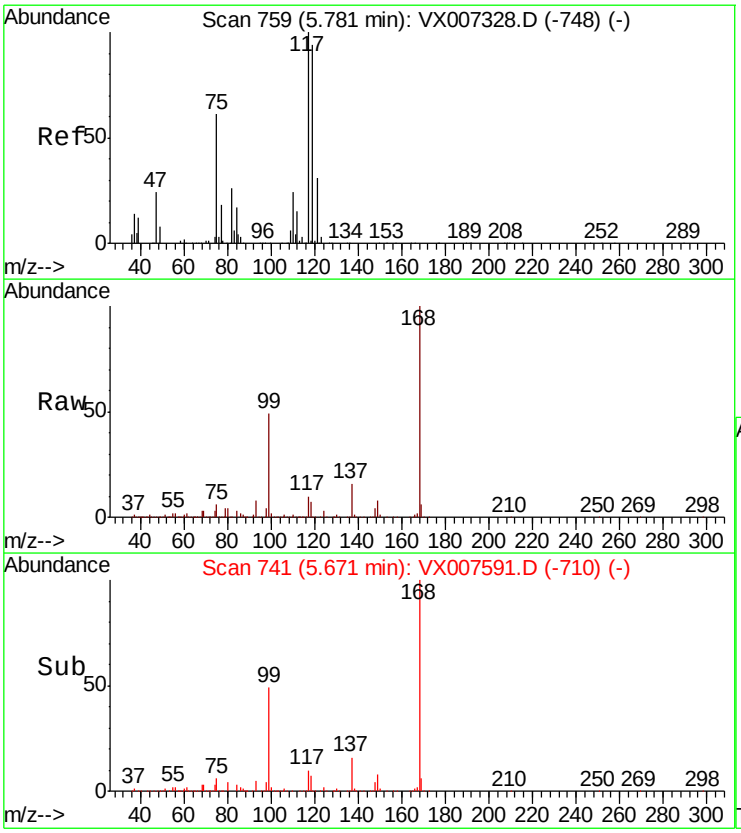
#36
1,1-Dichloropropene
Concen: 4.487 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :
M-12-D

Tgt Ion: 75 Resp: 29946

Ion	Ratio	Lower	Upper
75	100		
110	11.1	20.0	59.9#
77	0.7	24.7	37.1#

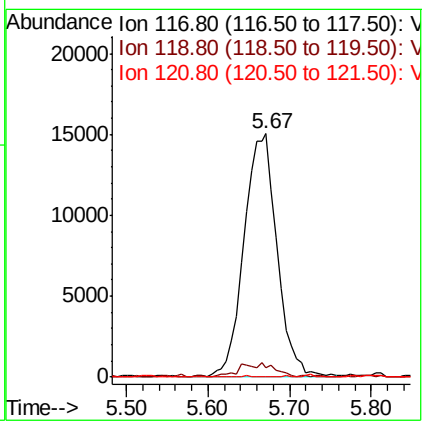


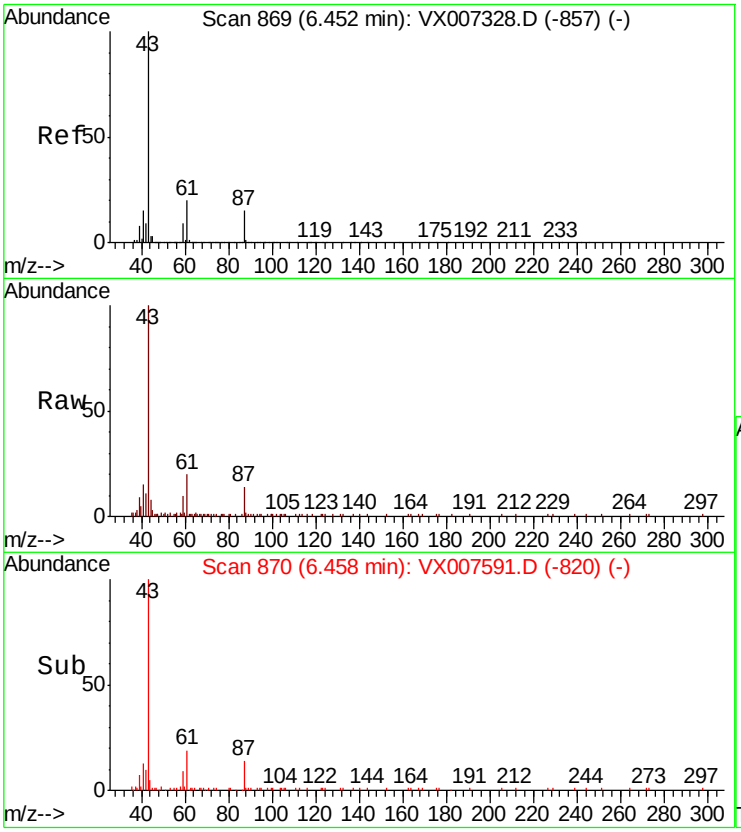


#38
Carbon Tetrachloride
Concen: 6.582 ug/l
RT: 5.67 min Scan# 741
Delta R.T. -0.11 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Tgt Ion:117 Resp: 42620

Ion	Ratio	Lower	Upper
117	100		
119	3.8	75.3	112.9#
121	0.0	25.0	37.4#



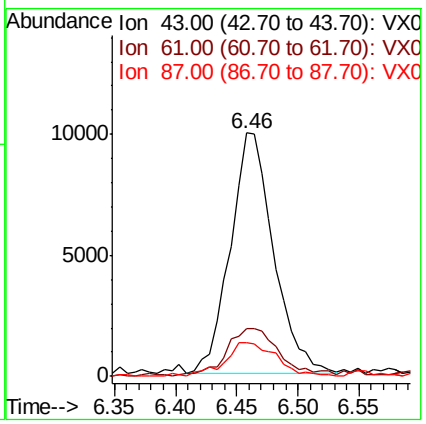


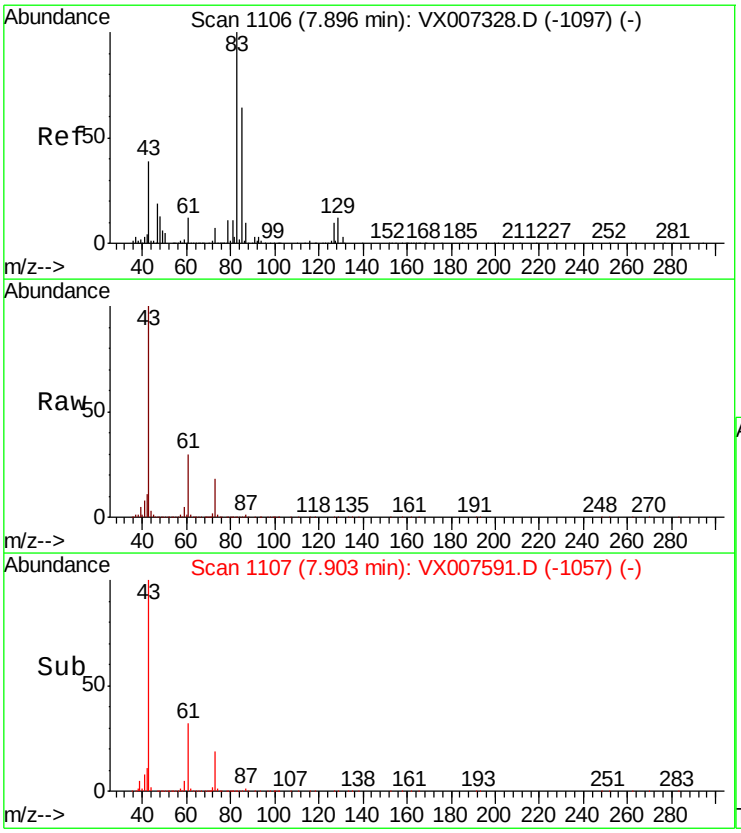
#43
Isopropyl Acetate
Concen: 2.361 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.01 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Instrument : MSVOA_X
ClientSampleId : M-12-D

Tgt Ion: 43 Resp: 24589

Ion	Ratio	Lower	Upper
43	100		
61	24.3	16.1	24.1#
87	16.5	11.5	17.3

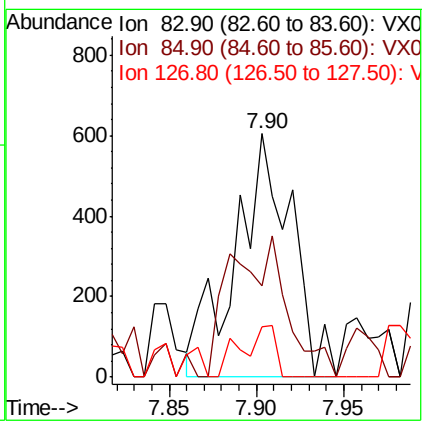


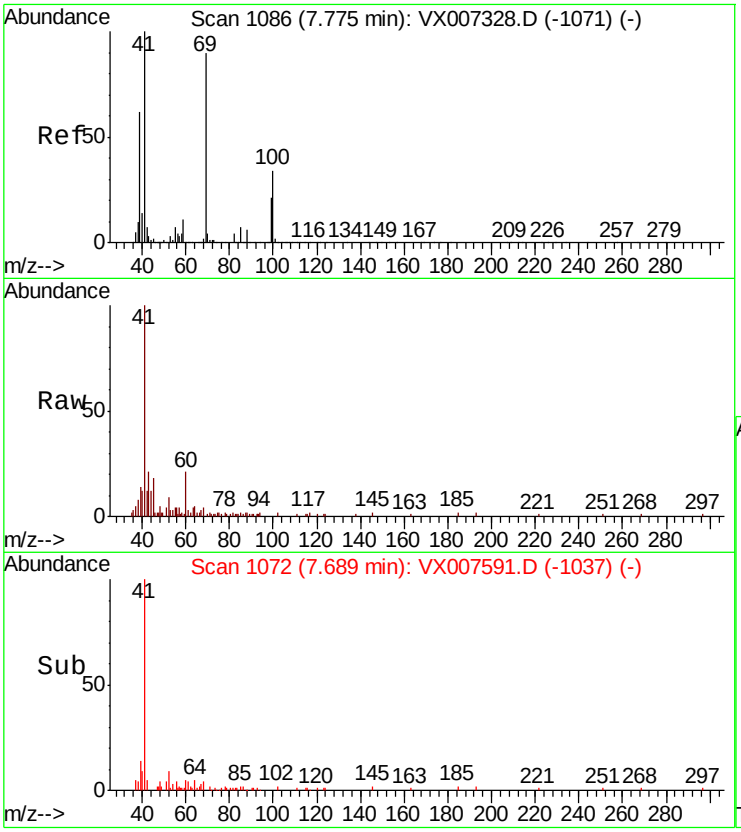


#47
Bromodichloromethane
Concen: 0.223 ug/l
RT: 7.90 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Tgt Ion: 83 Resp: 1356

Ion	Ratio	Lower	Upper
83	100		
85	37.5	51.4	77.0#
127	20.7	8.1	12.1#



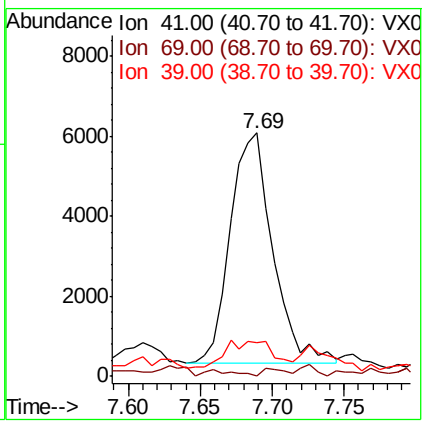


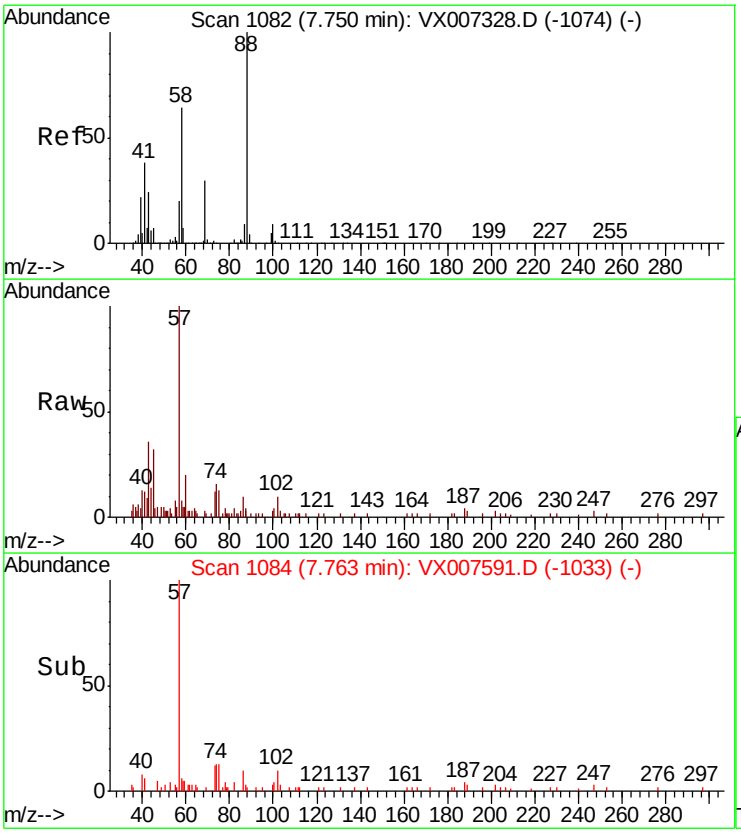
#48
Methyl methacrylate
Concen: 2.274 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.09 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :
M-12-D

Tgt Ion: 41 Resp: 11843

Ion	Ratio	Lower	Upper
41	100		
69	1.7	70.2	105.4#
39	0.0	47.4	71.0#

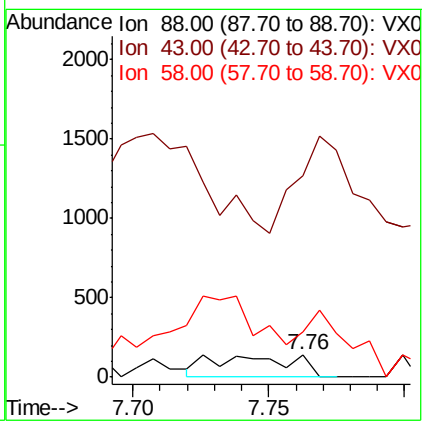


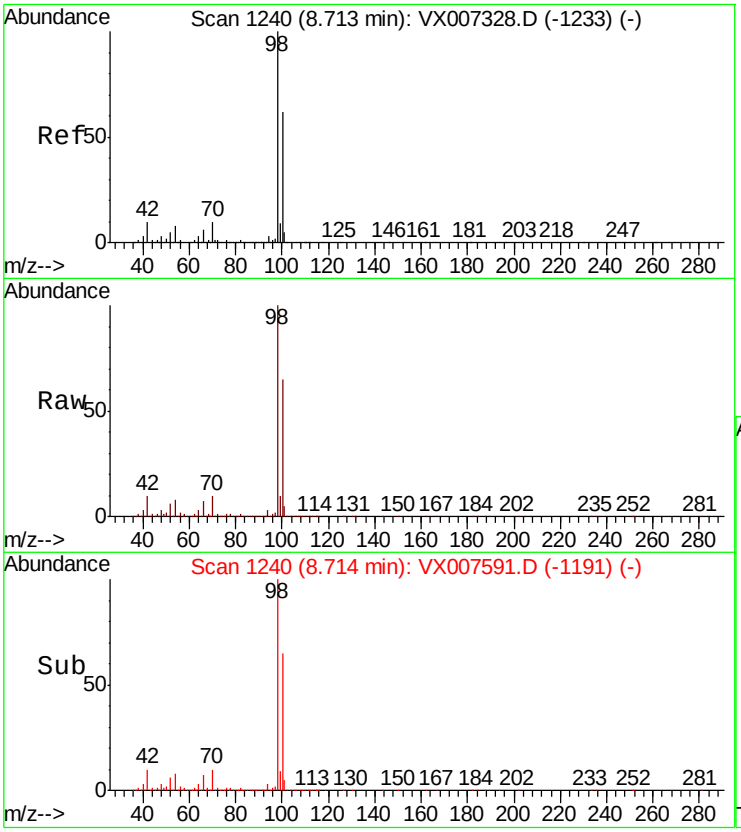


#49
1,4-Dioxane
Concen: 9.251 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.01 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Tgt Ion: 88 Resp: 283

Ion	Ratio	Lower	Upper
88	100		
43	0.0	24.2	36.4#
58	181.3	53.0	79.4#



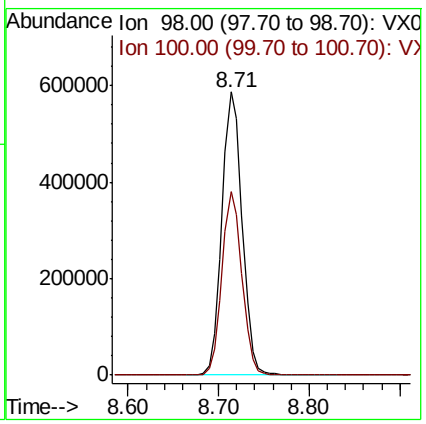


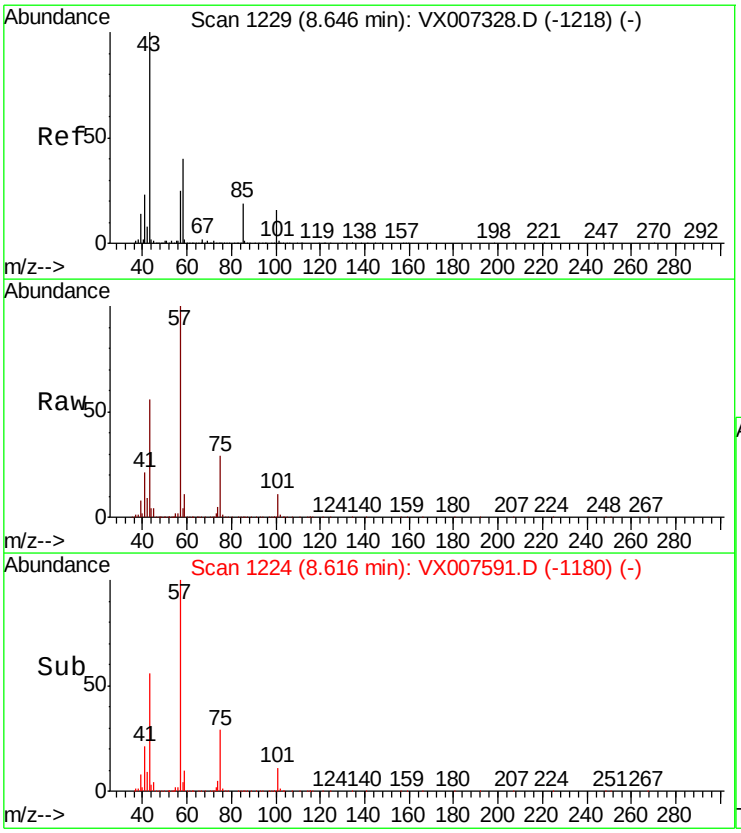
#50
Toluene-d8
Concen: 50.881 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Instrument : MSVOA_X
ClientSampleId : M-12-D

Tgt Ion: 98 Resp: 913711

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.6	77.4

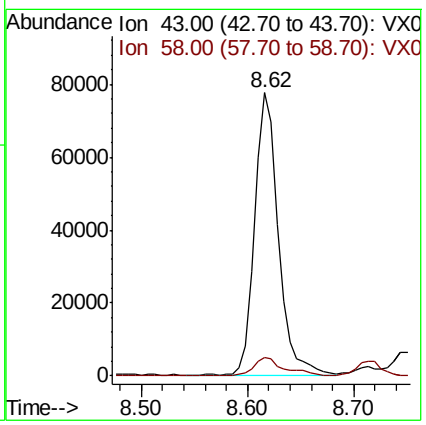


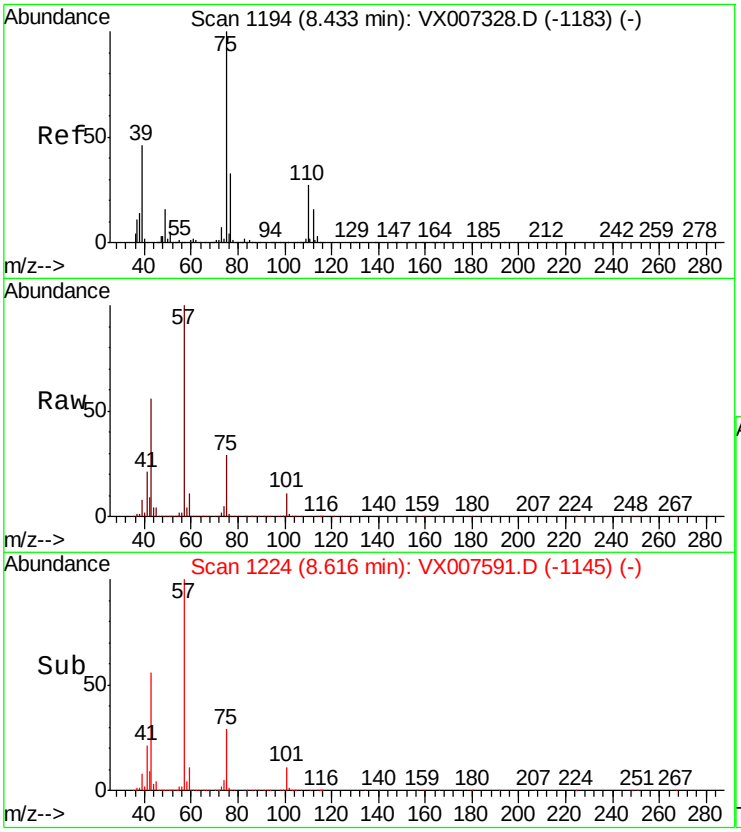


#51
4-Methyl-2-Pentanone
Concen: 17.745 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.03 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Tgt Ion: 43 Resp: 121650

Ion	Ratio	Lower	Upper
43	100		
58	8.4	31.2	46.8#



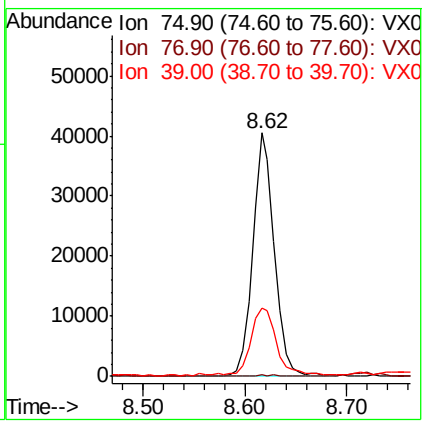


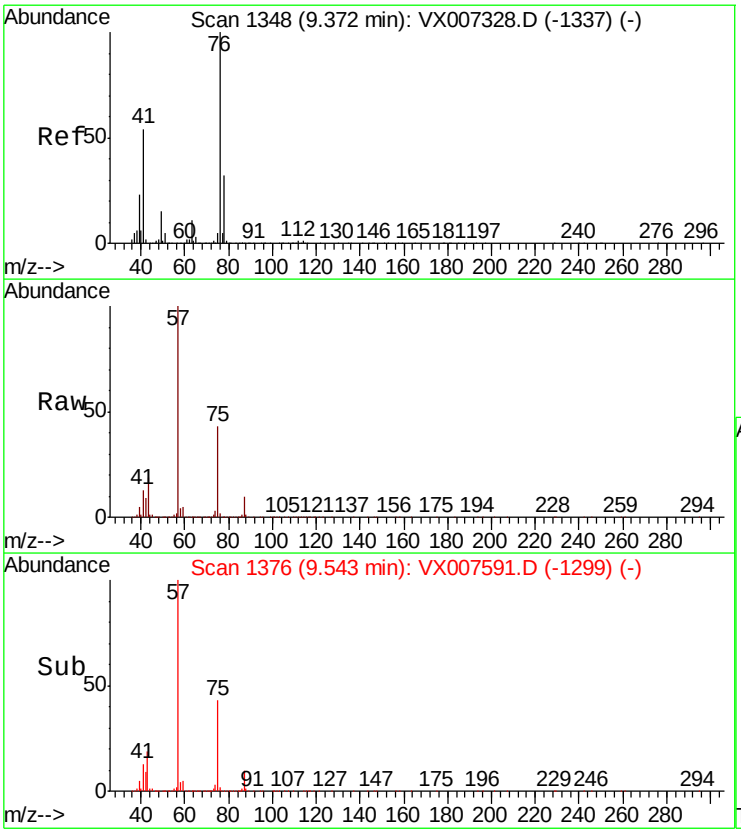
#54
cis-1,3-Dichloropropene
Concen: 8.363 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :
M-12-D

Tgt Ion: 75 Resp: 59943

Ion	Ratio	Lower	Upper
75	100		
77	0.9	26.2	39.4#
39	27.4	37.1	55.7#

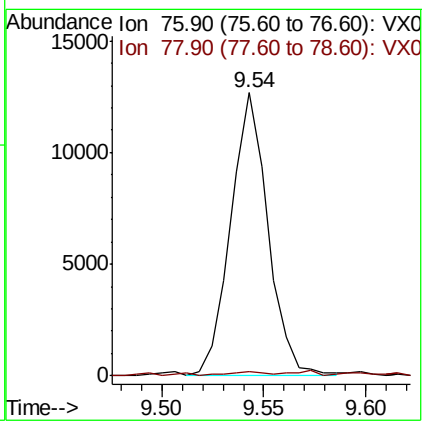


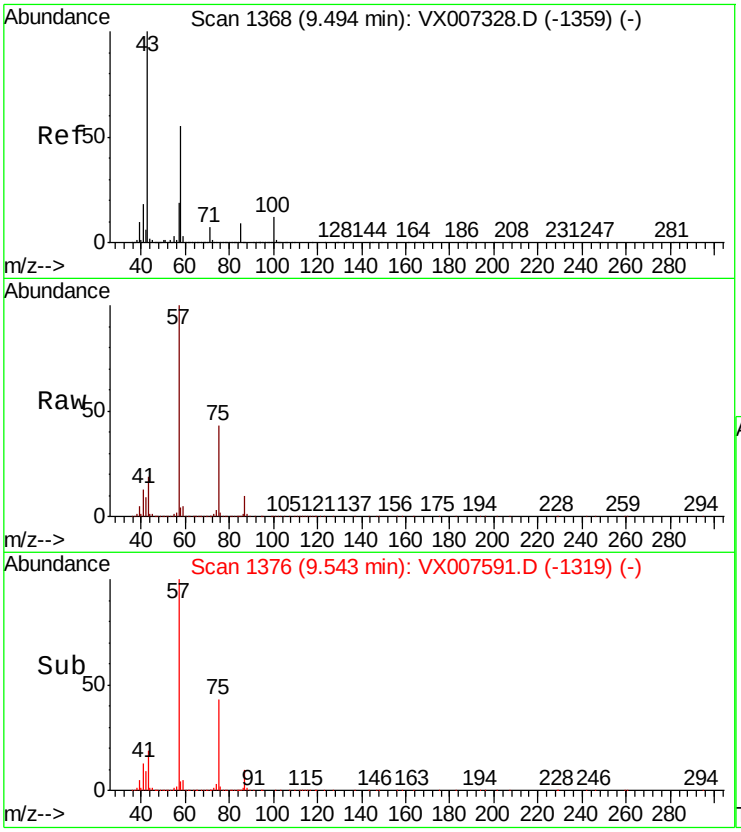


#57
1,3-Dichloropropane
Concen: 1.909 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Tgt Ion: 76 Resp: 16049

Ion	Ratio	Lower	Upper
76	100		
78	1.4	25.8	38.8#



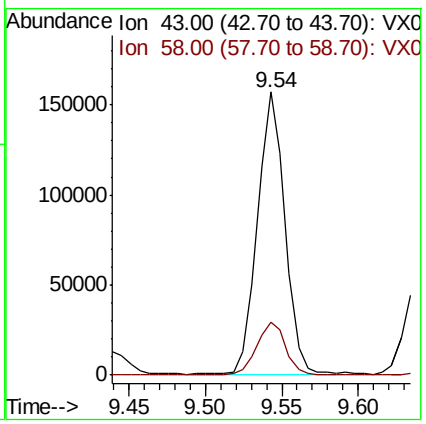


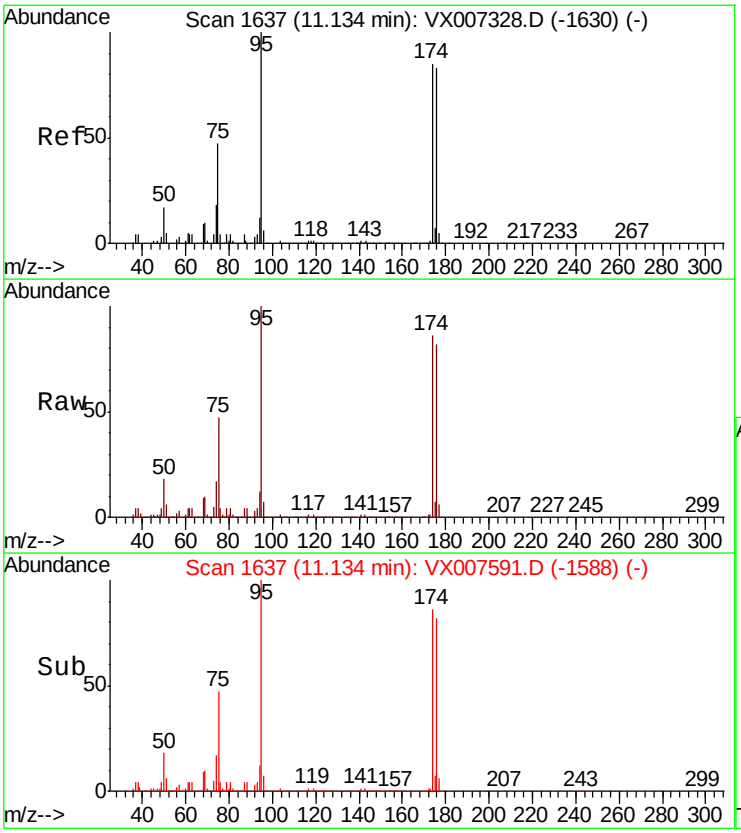
#59
2-Hexanone
Concen: 36.906 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :
M-12-D

Tgt Ion: 43 Resp: 196884

Ion	Ratio	Lower	Upper
43	100		
58	20.1	27.1	81.3#

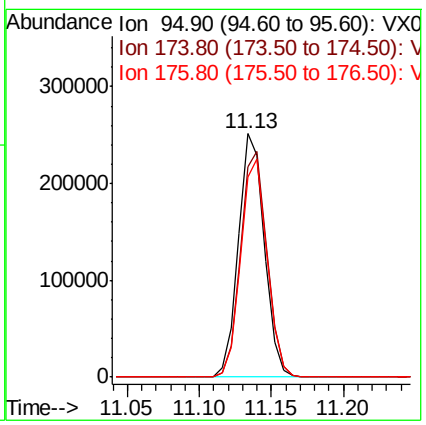


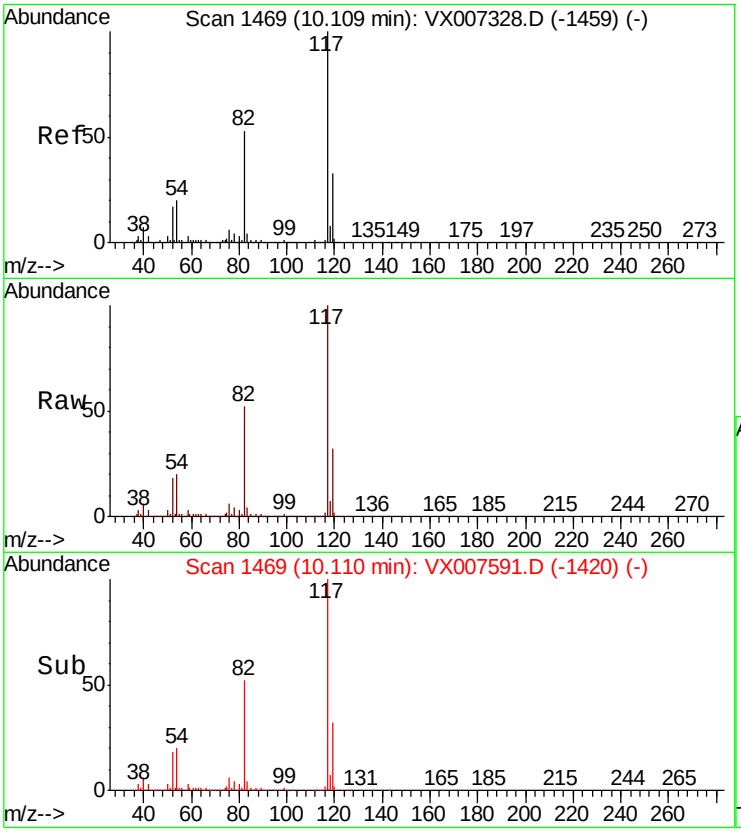


#62
4-Bromofluorobenzene
Concen: 47.909 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Tgt Ion: 95 Resp: 314110

Ion	Ratio	Lower	Upper
95	100		
174	94.5	0.0	189.2
176	90.6	0.0	186.2



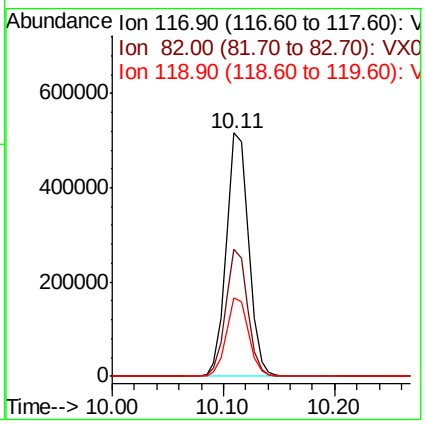


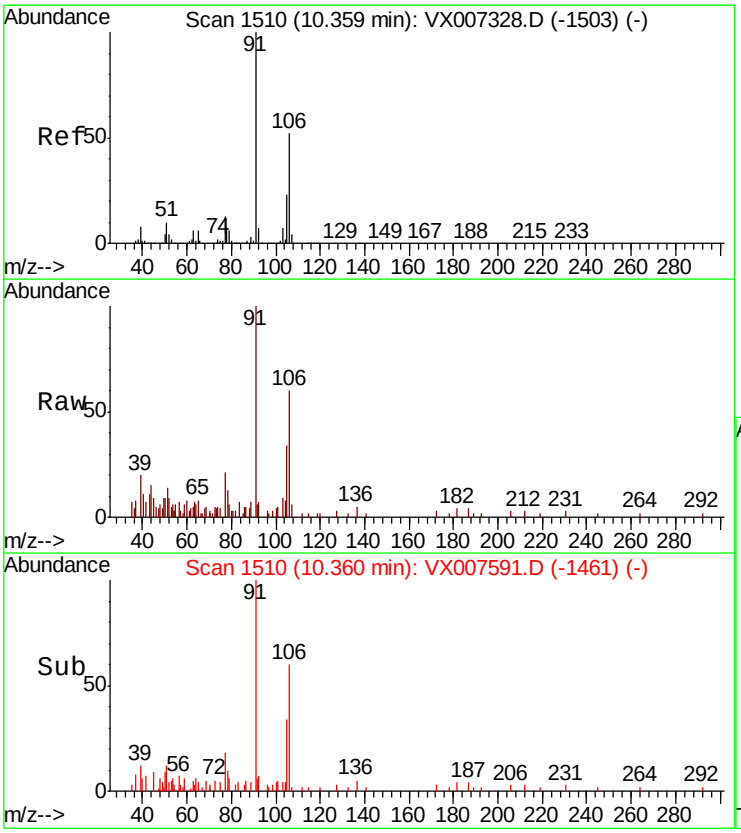
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Instrument : MSVOA_X
ClientSampleId : M-12-D

Tgt Ion:117 Resp: 716146

Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.1	63.1
119	32.3	26.5	39.7

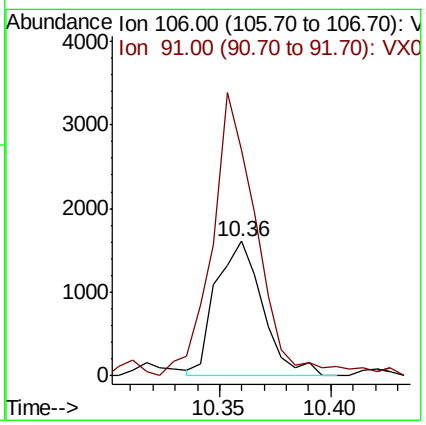


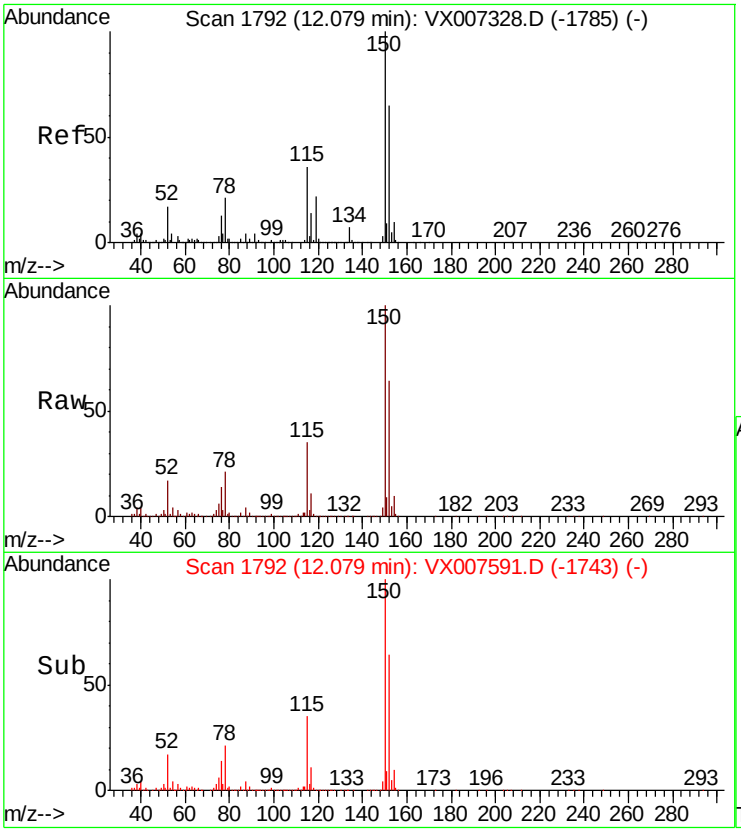


#68
m/p-Xylenes
Concen: 0.236 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Tgt Ion:106 Resp: 2361

Ion	Ratio	Lower	Upper
106	100		
91	200.4	156.6	234.8



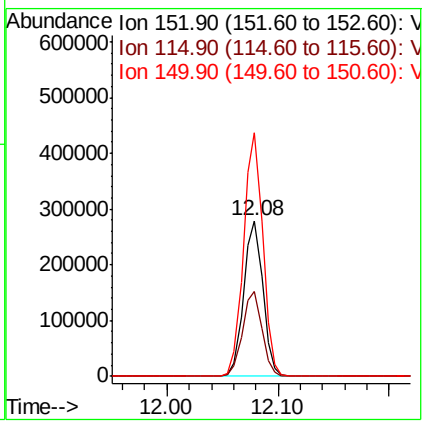


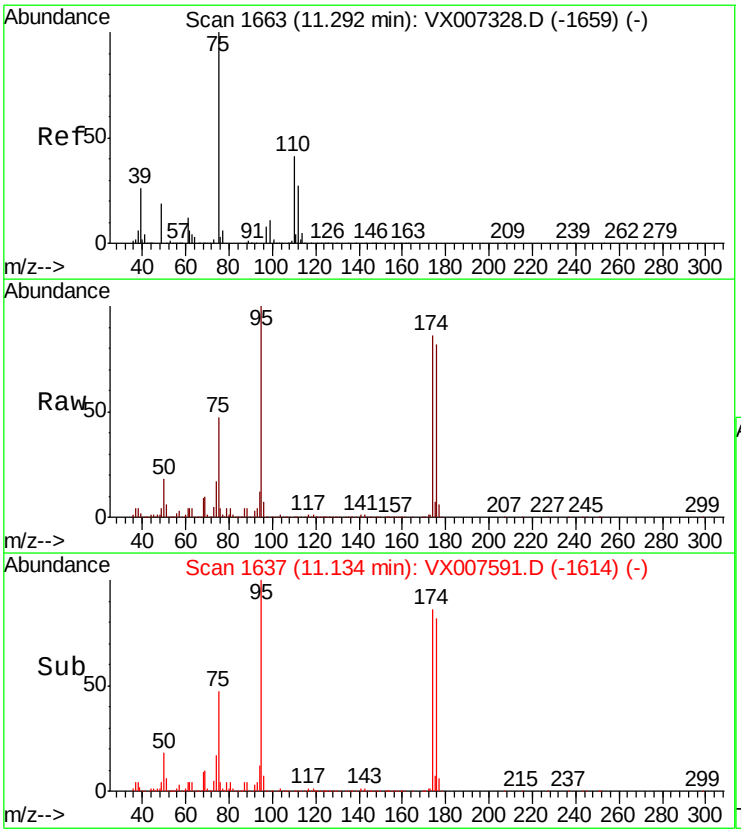
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Instrument : MSVOA_X
ClientSampleId : M-12-D

Tgt Ion:152 Resp: 332875

Ion	Ratio	Lower	Upper
152	100		
115	55.3	38.0	114.0
150	157.1	0.0	346.4

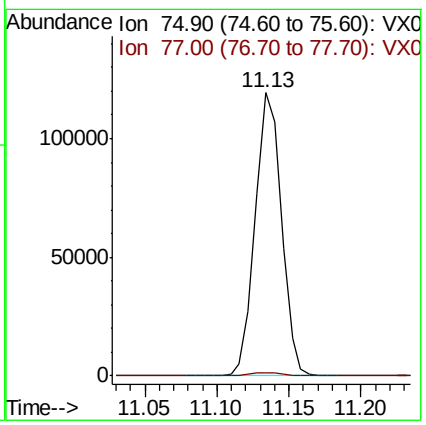


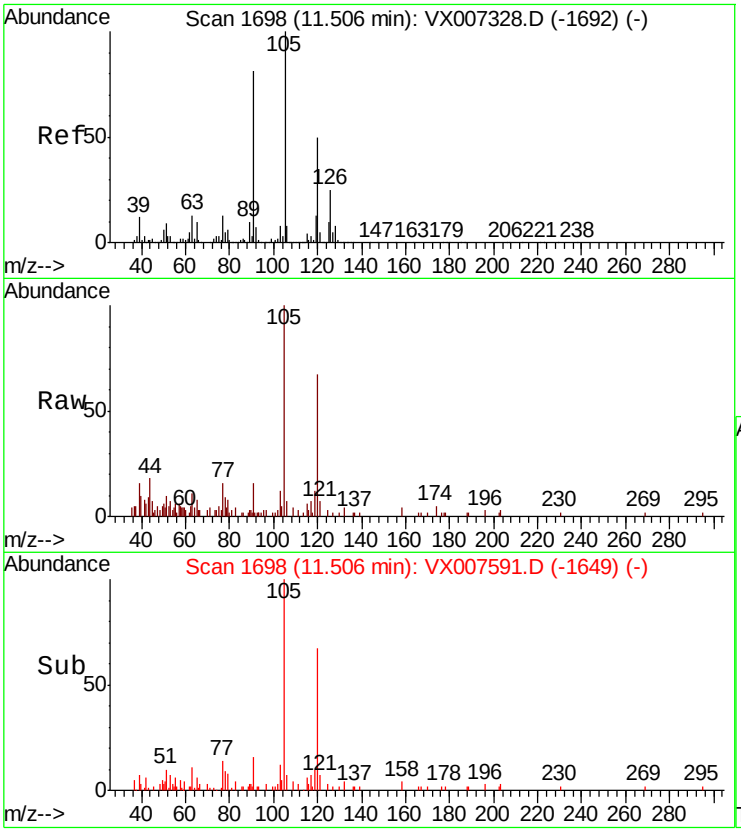


#76
1,2,3-Trichloropropane
Concen: 23.156 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Tgt Ion: 75 Resp: 149932

Ion	Ratio	Lower	Upper
75	100		
77	1.6	23.0	69.0#



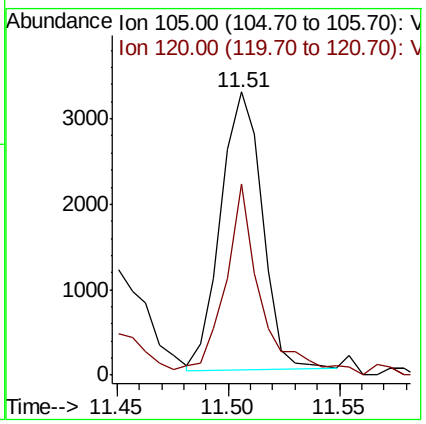


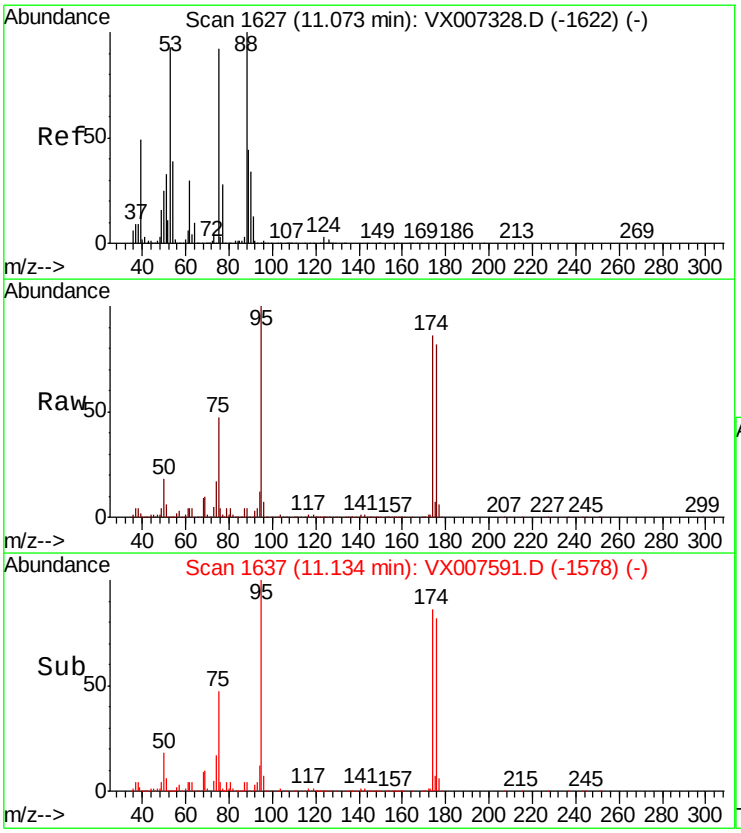
#80
1,3,5-Trimethylbenzene
Concen: 0.228 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :
M-12-D

Tgt Ion:105 Resp: 4216

Ion	Ratio	Lower	Upper
105	100		
120	59.8	25.3	75.8

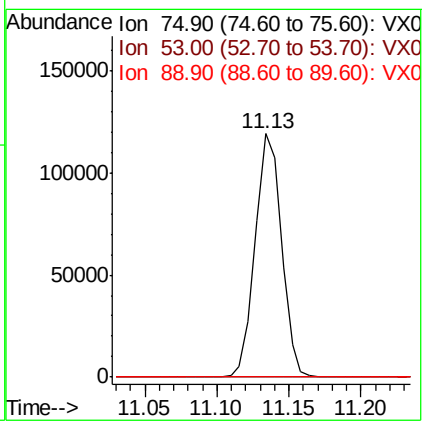


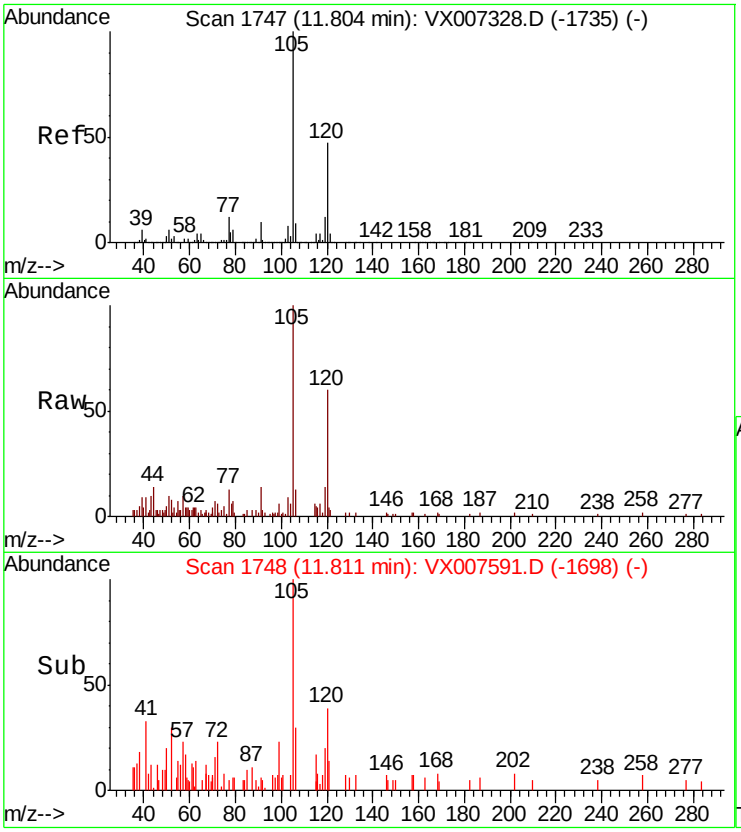


#81
trans-1,4-Dichloro-2-butene
Concen: 69.749 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Tgt Ion: 75 Resp: 149932

Ion	Ratio	Lower	Upper
75	100		
53	0.5	81.0	121.6#
89	0.1	41.4	62.0#



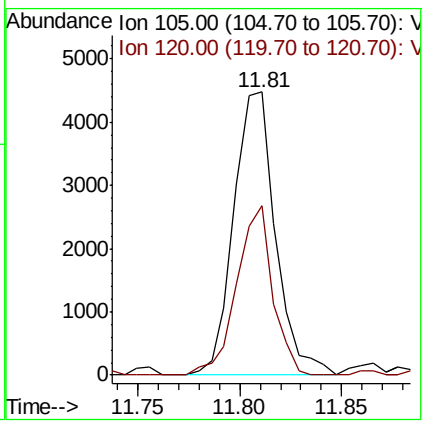


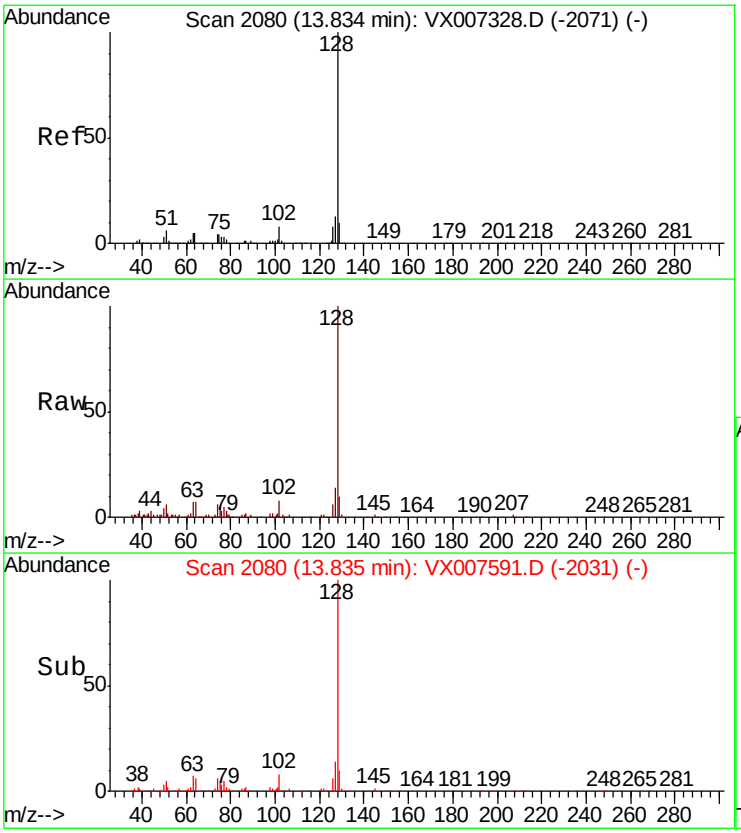
#84
1,2,4-Trimethylbenzene
Concen: 0.339 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :
M-12-D

Tgt Ion:105 Resp: 6375

Ion	Ratio	Lower	Upper
105	100		
120	51.5	23.1	69.3





#95
Naphthalene
Concen: 1.295 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Tgt Ion:128 Resp: 29071

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	11.2	8.7	13.1