Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031619\
Data File : VX008156.D
Acq On : 16 Mar 2019 22:00
Operator : JC/SP
Sample : K1908-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 101-102

Quant Time: Mar 18 01:19:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 03:56:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	318091	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	429583	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	372788	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	172686	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	137717	42.92	ug/l		0.00
Spiked Amount 50.000			Recovery = 85.84%				
35) Dibromofluoromethane	5.51	113	128782	47.27	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.54%				
50) Toluene-d8	8.71	98	498177	48.08	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.16%				
62) 4-Bromofluorobenzene	11.13	95	166196	44.78	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.56%				
Target Compounds							Qvalue
5) Bromomethane	1.65	94	110	Below Cal	#		65
6) Chloroethane	1.67	64	476	Below Cal	#		83
8) Diethyl Ether	2.20	74	665	0.390	ug/l		98
11) Tert butyl alcohol	3.06	59	374	0.603	ug/l	#	73
13) Acrolein	2.30	56	289	0.506	ug/l		86
16) Acetone	2.45	43	8675	5.727	ug/l		96
18) Methyl Acetate	2.78	43	5307	1.621	ug/l	#	85
20) Methylene Chloride	2.86	84	5960	2.203	ug/l		94
25) 2-Butanone	4.70	43	2648	1.139	ug/l		95
29) Tetrahydrofuran	5.17	42	744	0.513	ug/l	#	89
31) Cyclohexane	5.66	56	4110	0.896	ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	18107	5.124	ug/l	#	49
38) Carbon Tetrachloride	5.67	117	26079	7.667	ug/l	#	16
41) Methacrylonitrile	5.18	41	626	0.283	ug/l	#	41
43) Isopropyl Acetate	6.46	43	14457	2.363	ug/l		98
48) Methyl methacrylate	7.68	41	7012	2.195	ug/l	#	16
49) 1,4-Dioxane	7.88	88	181	2.627	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.62	43	66446	16.482	ug/l	#	50
54) cis-1,3-Dichloropropene	8.62	75	36671	8.841	ug/l	#	57
57) 1,3-Dichloropropane	9.54	76	8217	1.772	ug/l	#	44
59) 2-Hexanone	9.54	43	103255	32.749	ug/l	#	52
76) 1,2,3-Trichloropropane	11.13	75	73637	24.553	ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.13	75	73637	69.870	ug/l	#	11
95) Naphthalene	13.83	128	13751	1.295	ug/l		99

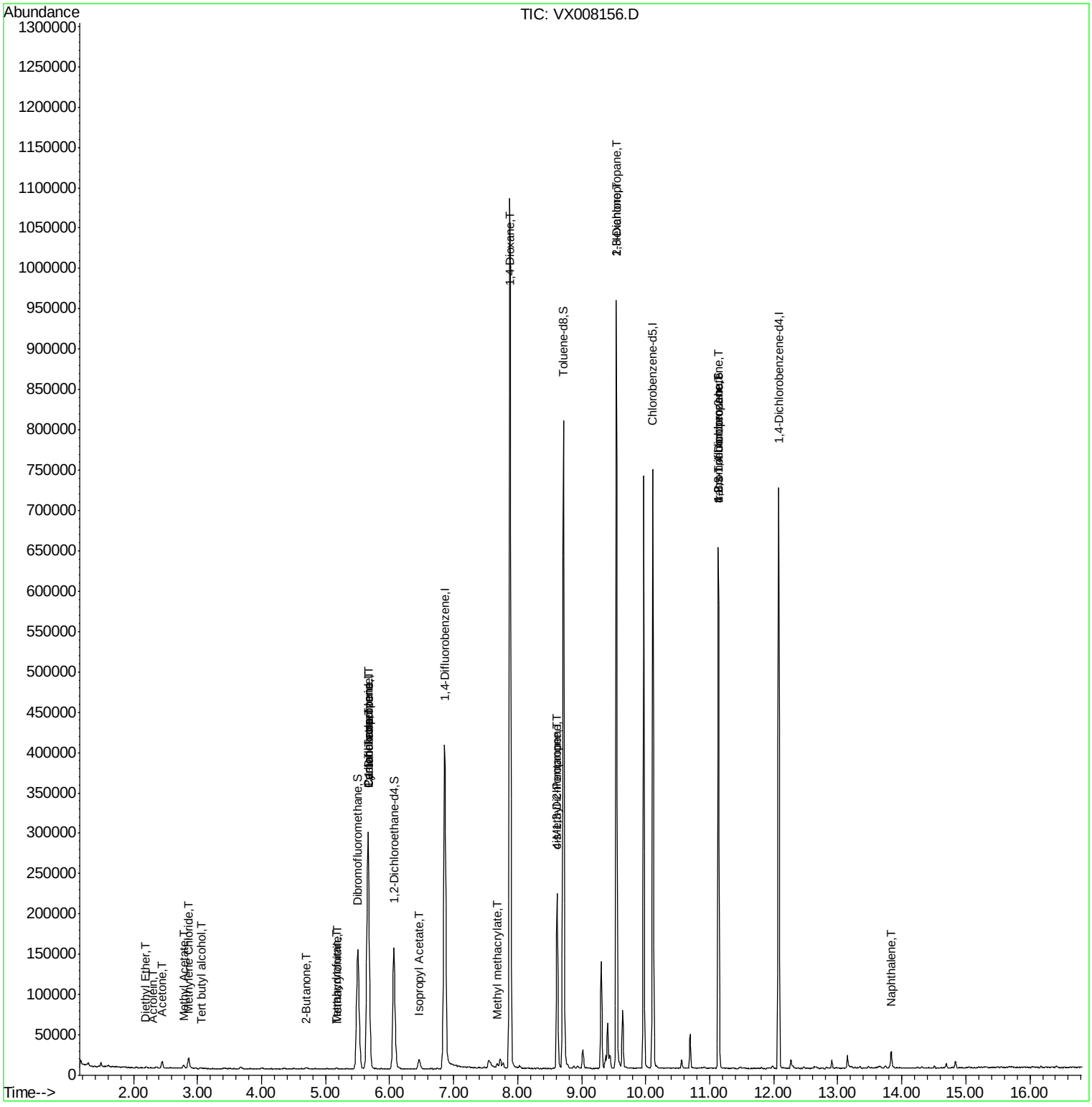
(#) = qualifier out of range (m) = manual integration (+) = signals summed

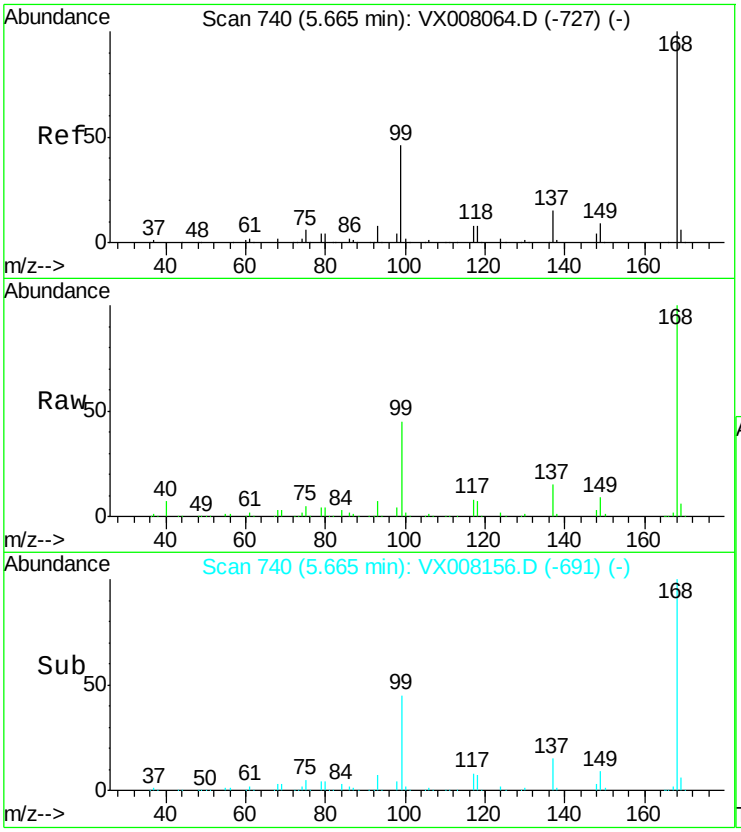
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031619\
Data File : VX008156.D
Acq On : 16 Mar 2019 22:00
Operator : JC/SP
Sample : K1908-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
101-102

Quant Time: Mar 18 01:19:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 03:56:35 2019
Response via : Initial Calibration



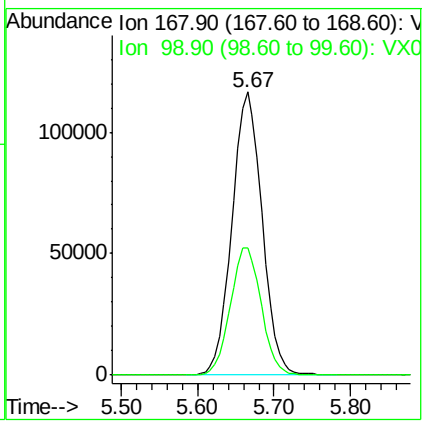


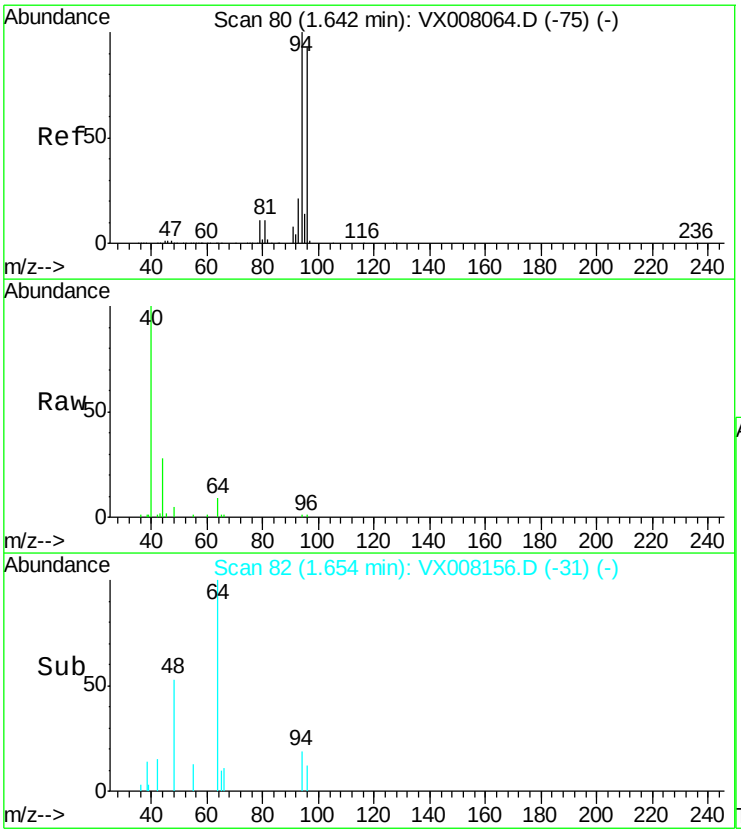
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX008156.D
Acq: 16 Mar 2019 22:00

Instrument :
MSVOA_X
ClientSampleId :
101-102

Tgt Ion:168 Resp: 318091

Ion	Ratio	Lower	Upper
168	100		
99	45.1	37.6	56.4

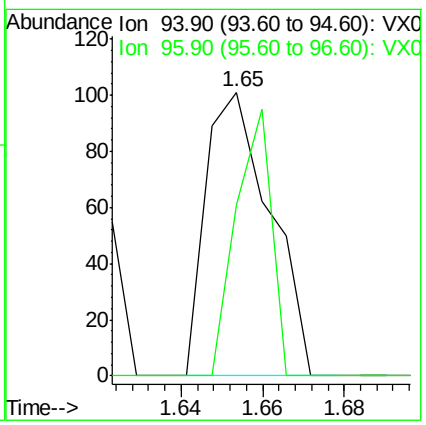


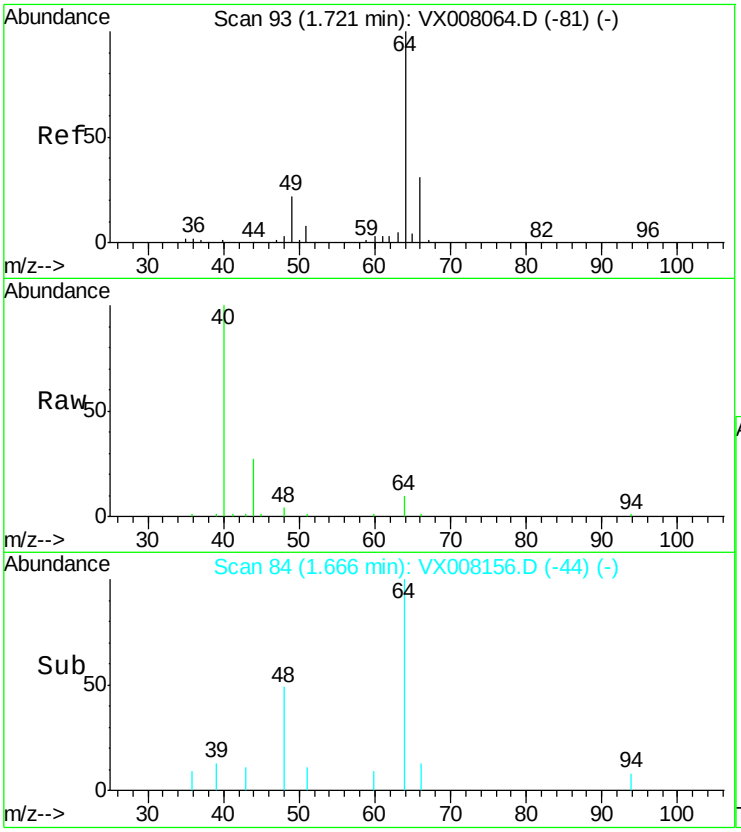


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 82
Delta R.T. 0.01 min
Lab File: VX008156.D
Acq: 16 Mar 2019 22:00

Tgt Ion: 94 Resp: 110

Ion	Ratio	Lower	Upper
94	100		
96	60.4	75.5	113.3#



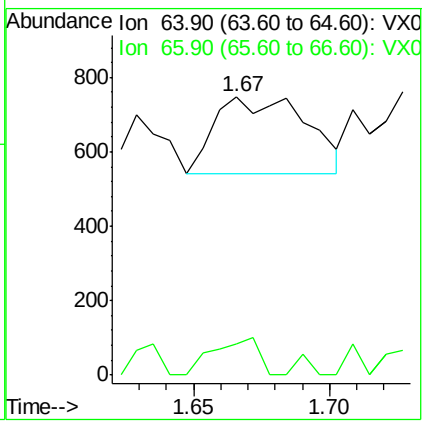


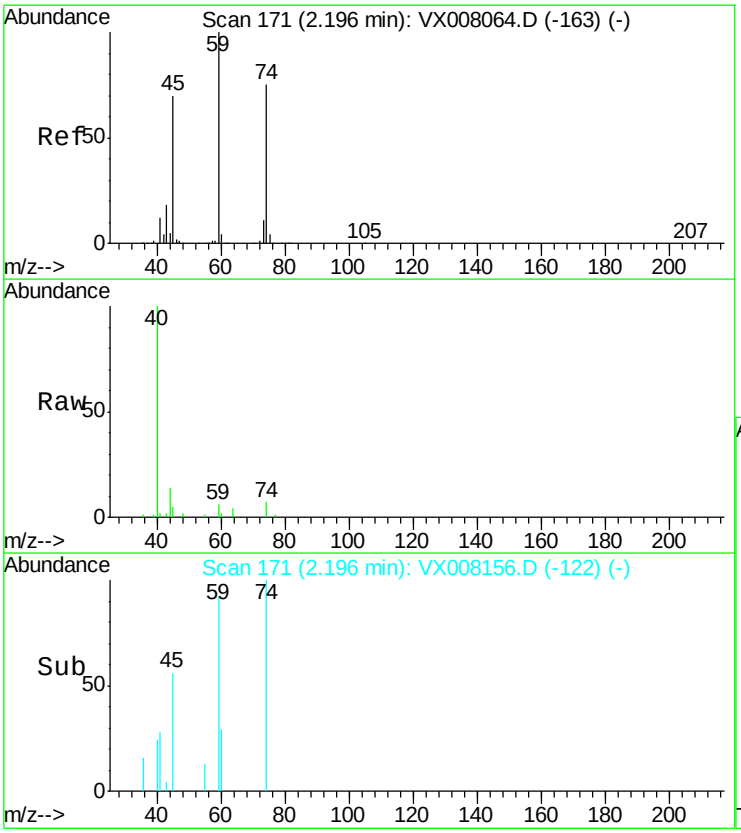
#6
Chloroethane
Concen: Below Cal
RT: 1.67 min Scan# 84
Delta R.T. -0.05 min
Lab File: VX008156.D
Acq: 16 Mar 2019 22:00

Instrument :
MSVOA_X
ClientSampleId :
101-102

Tgt Ion: 64 Resp: 476

Ion	Ratio	Lower	Upper
64	100		
66	40.8	25.2	37.8#

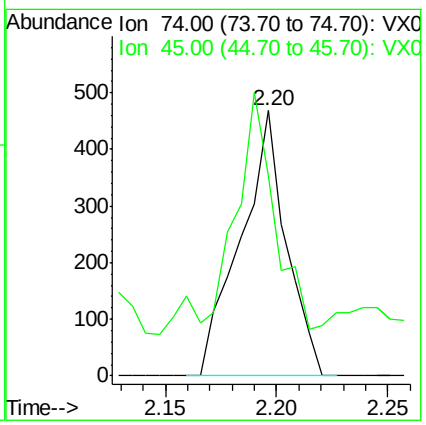


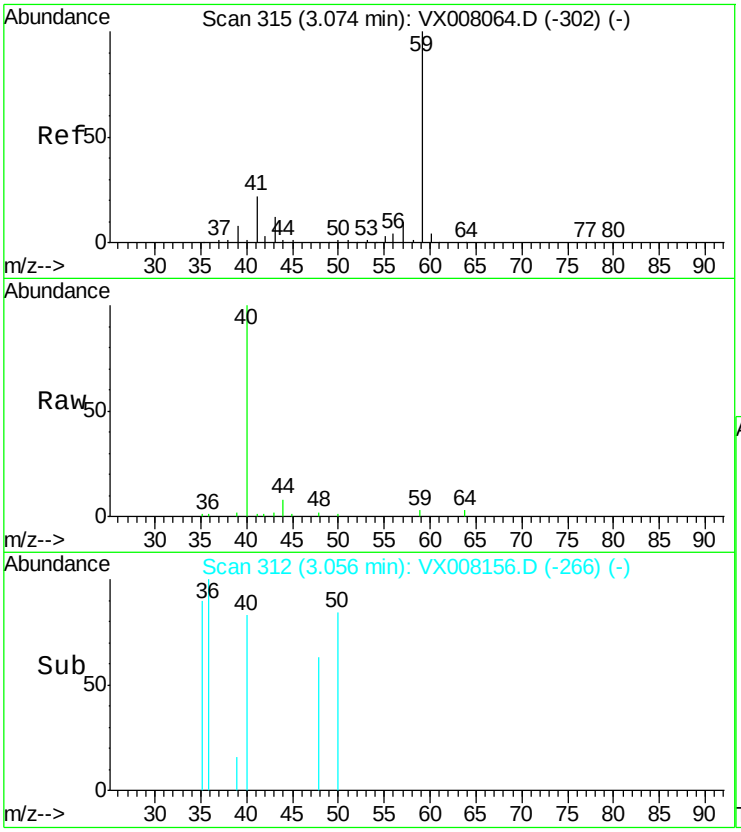


#8
Diethyl Ether
Concen: 0.390 ug/l
RT: 2.20 min Scan# 171
Delta R.T. -0.00 min
Lab File: VX008156.D
Acq: 16 Mar 2019 22:00

Tgt Ion: 74 Resp: 665

Ion	Ratio	Lower	Upper
74	100		
45	106.6	52.1	156.4



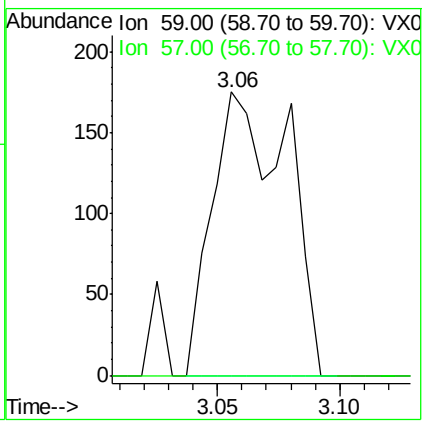


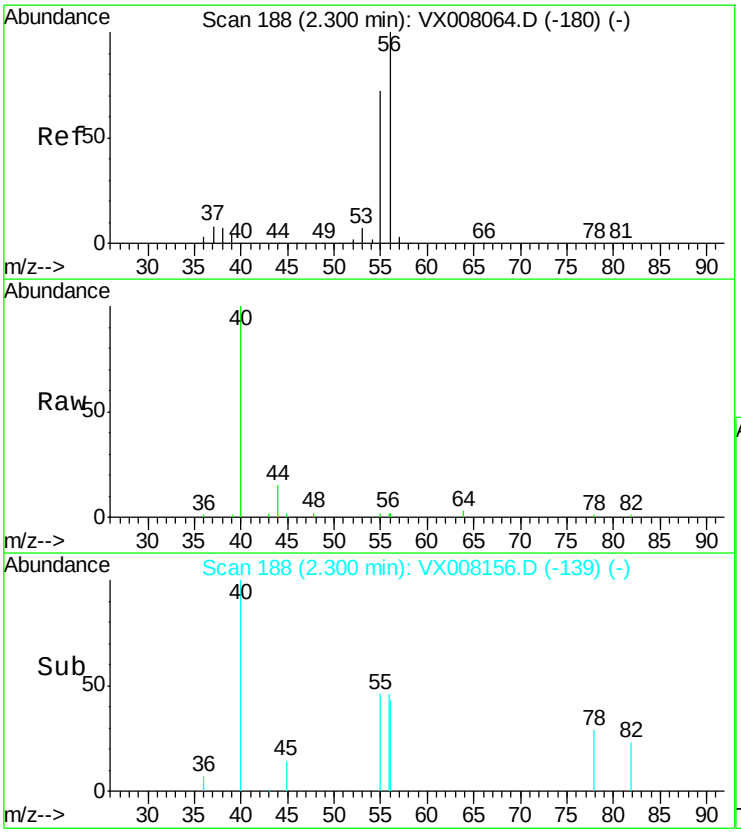
#11
Tert butyl alcohol
Concen: 0.603 ug/l
RT: 3.06 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX008156.D
Acq: 16 Mar 2019 22:00

Instrument :
MSVOA_X
ClientSampleId :
101-102

Tgt Ion: 59 Resp: 374

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

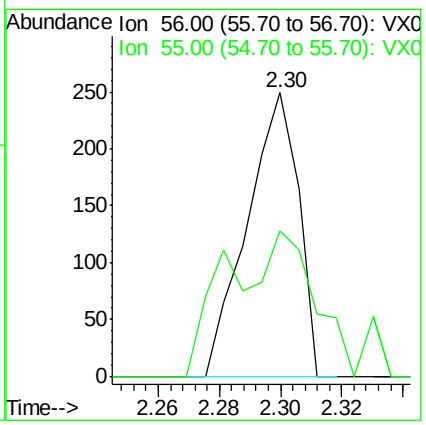


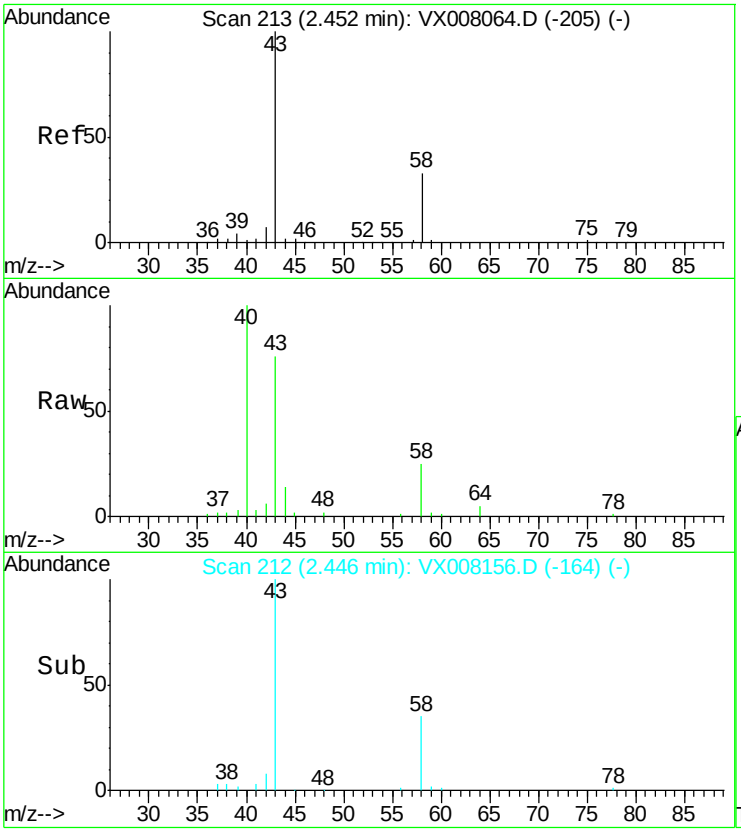


#13
Acrolein
Concen: 0.506 ug/l
RT: 2.30 min Scan# 188
Delta R.T. -0.00 min
Lab File: VX008156.D
Acq: 16 Mar 2019 22:00

Tgt Ion: 56 Resp: 289

Ion	Ratio	Lower	Upper
56	100		
55	60.9	57.8	86.6



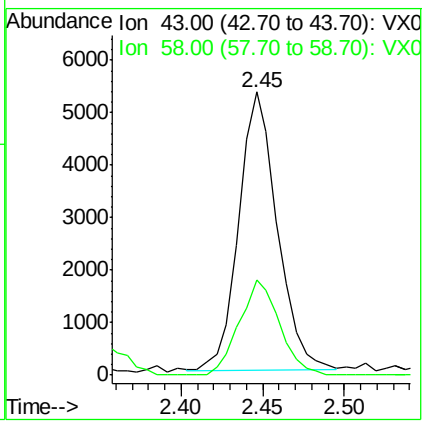


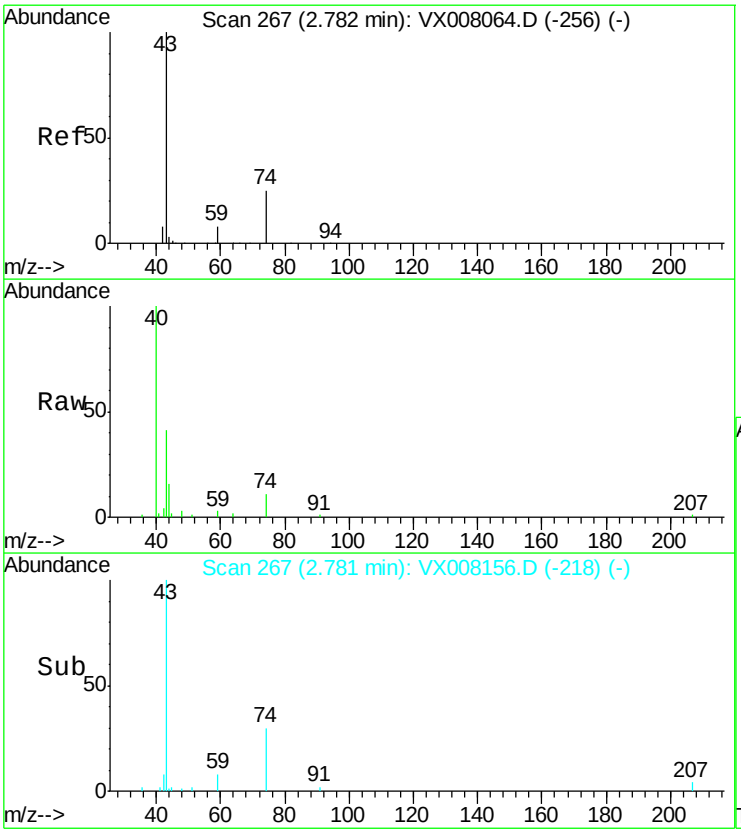
#16
Acetone
Concen: 5.727 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.01 min
Lab File: VX008156.D
Acq: 16 Mar 2019 22:00

Instrument :
MSVOA_X
ClientSampleId :
101-102

Tgt Ion: 43 Resp: 8675

Ion	Ratio	Lower	Upper
43	100		
58	34.3	25.5	38.3

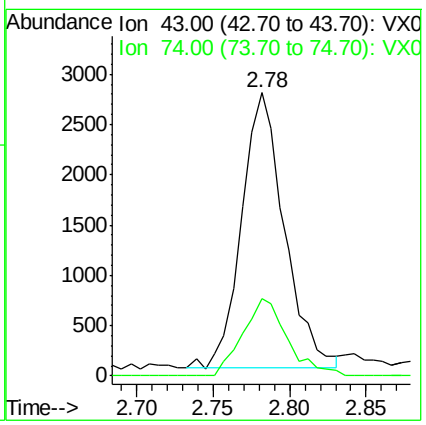


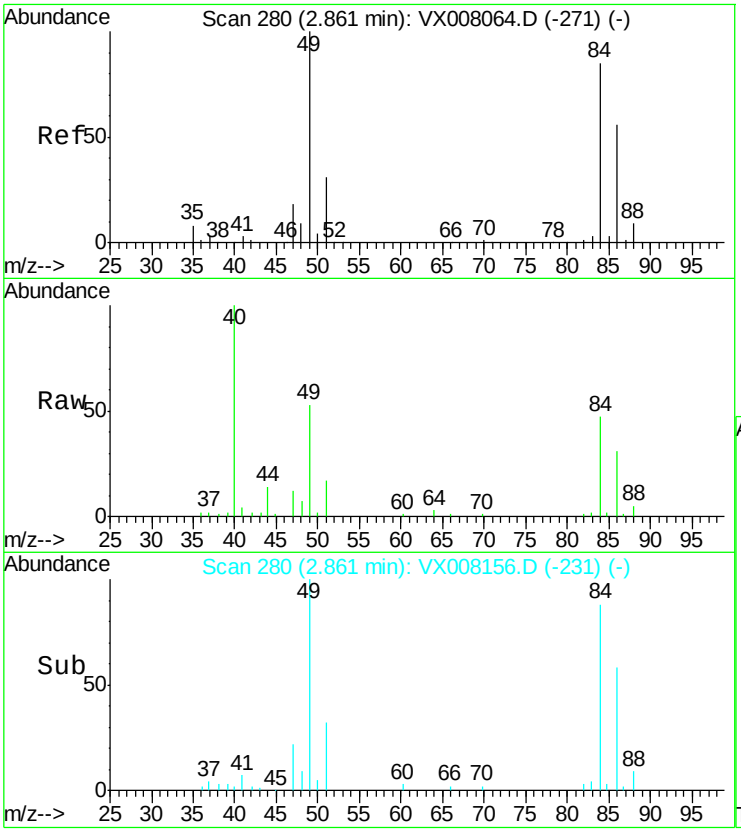


#18
Methyl Acetate
Concen: 1.621 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX008156.D
Acq: 16 Mar 2019 22:00

Tgt Ion: 43 Resp: 5307

Ion	Ratio	Lower	Upper
43	100		
74	29.3	17.8	26.6#



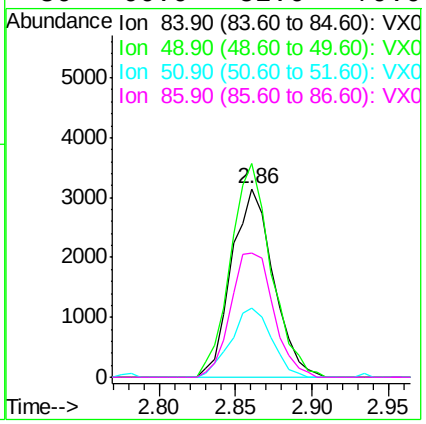


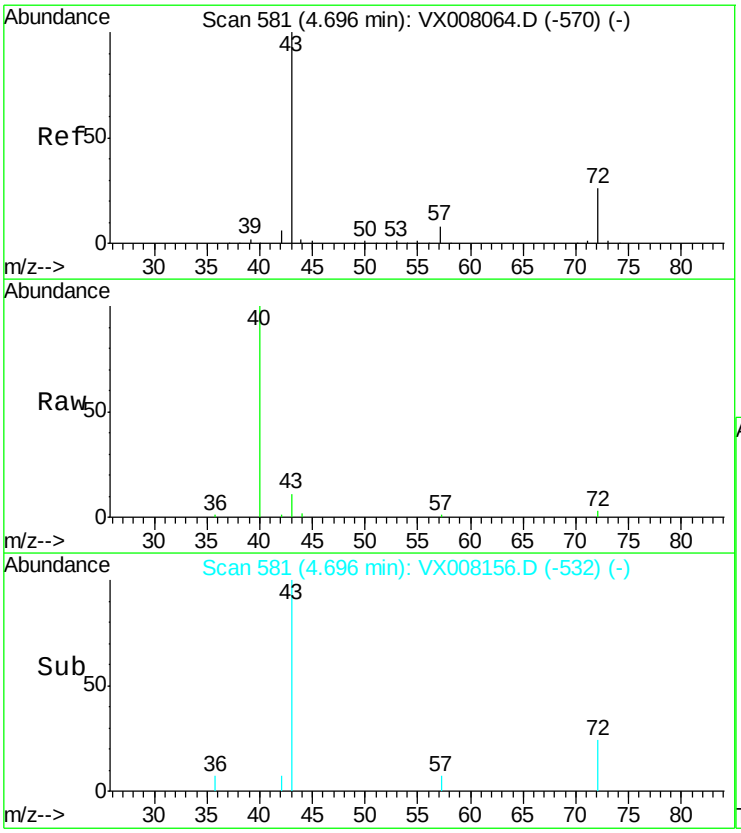
#20
Methylene Chloride
Concen: 2.203 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008156.D
Acq: 16 Mar 2019 22:00

Instrument :
MSVOA_X
ClientSampleId :
101-102

Tgt Ion: 84 Resp: 5960

Ion	Ratio	Lower	Upper
84	100		
49	113.4	99.3	148.9
51	36.8	31.3	46.9
86	66.0	52.6	79.0

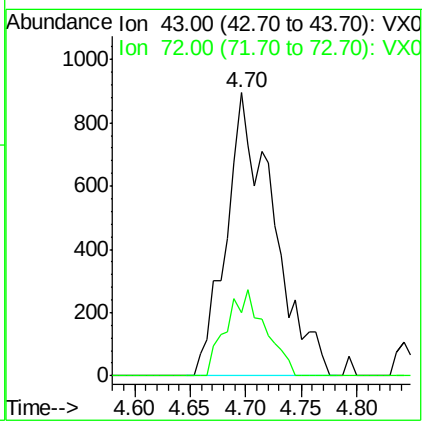


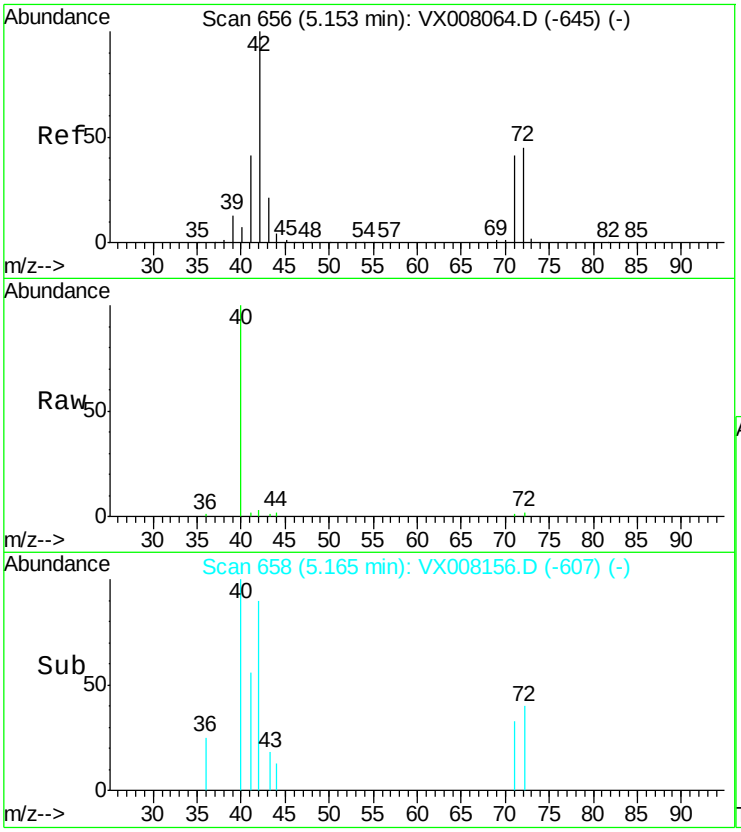


#25
2-Butanone
Concen: 1.139 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.00 min
Lab File: VX008156.D
Acq: 16 Mar 2019 22:00

Tgt Ion: 43 Resp: 2648

Ion	Ratio	Lower	Upper
43	100		
72	22.2	19.9	29.9



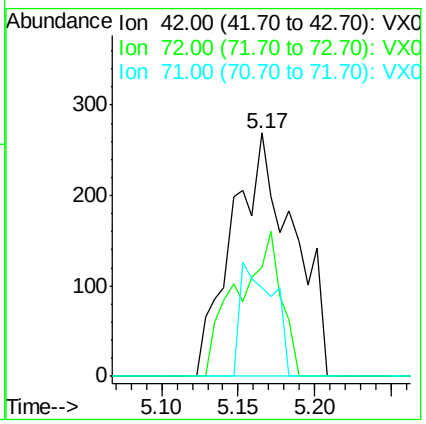


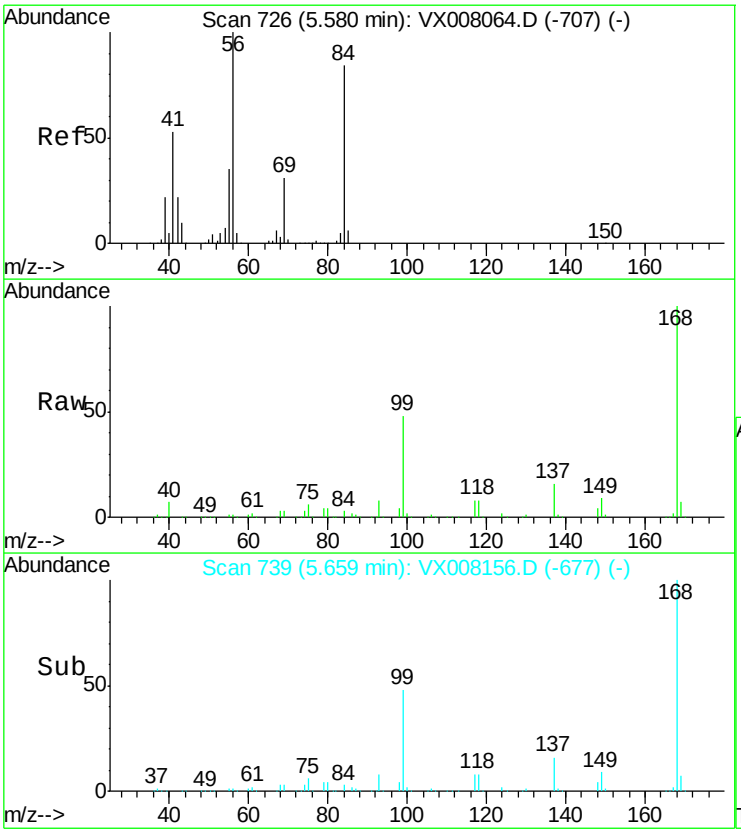
#29
Tetrahydrofuran
Concen: 0.513 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX008156.D
Acq: 16 Mar 2019 22:00

Instrument : MSVOA_X
ClientSampleId : 101-102

Tgt Ion: 42 Resp: 744

Ion	Ratio	Lower	Upper
42	100		
72	42.9	33.8	50.6
71	25.5	31.5	47.3#

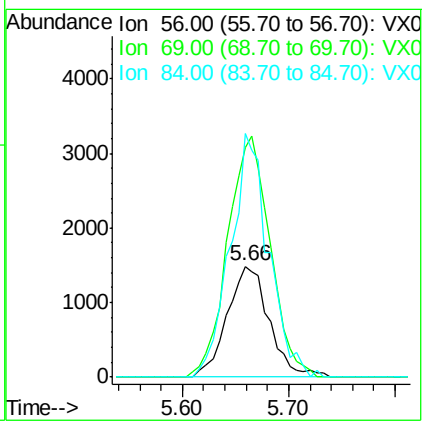


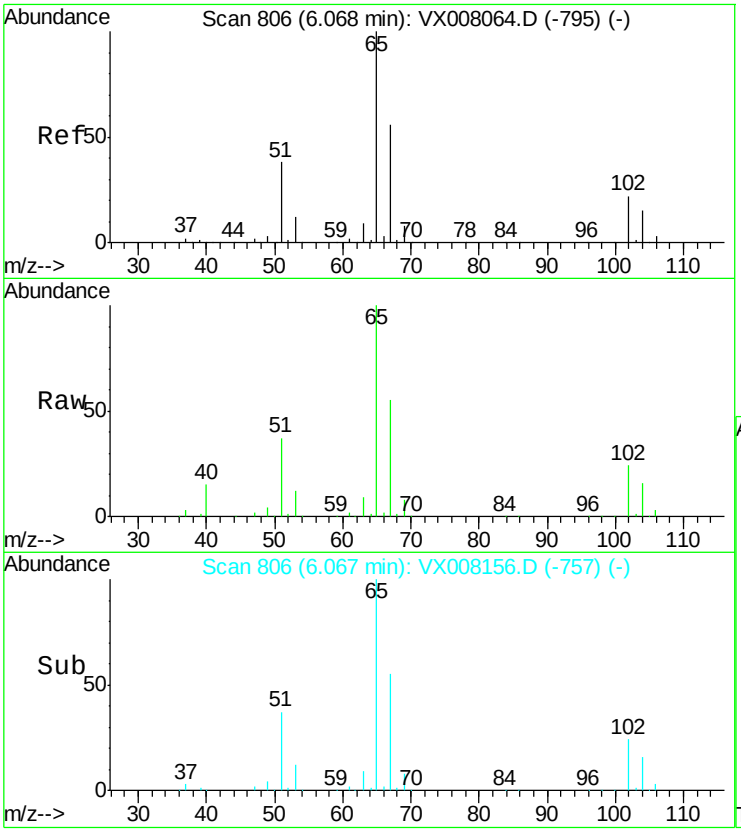


#31
Cyclohexane
Concen: 0.896 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX008156.D
Acq: 16 Mar 2019 22:00

Tgt Ion: 56 Resp: 4110

Ion	Ratio	Lower	Upper
56	100		
69	207.1	24.0	36.0#
84	220.1	65.3	97.9#



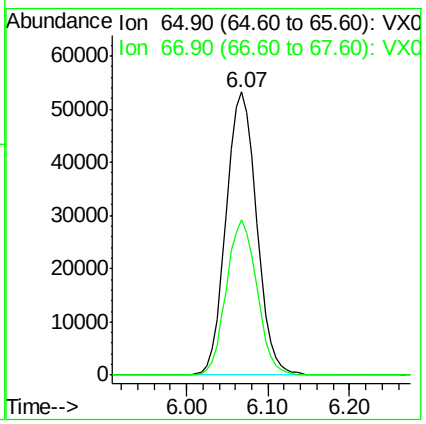


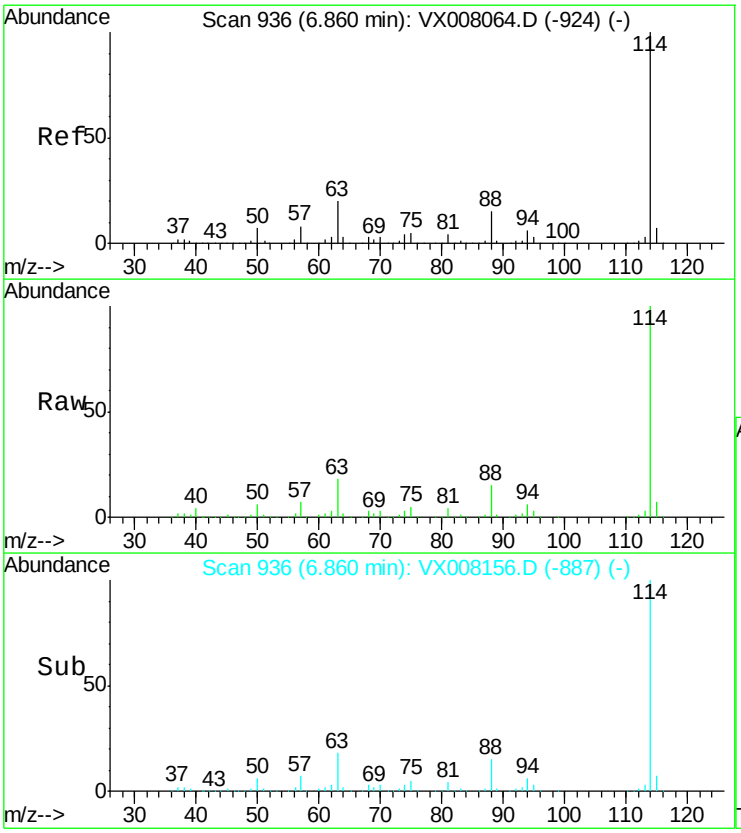
#33
1,2-Dichloroethane-d4
Concen: 42.920 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX008156.D
Acq: 16 Mar 2019 22:00

Instrument :
MSVOA_X
ClientSampleId :
101-102

Tgt Ion: 65 Resp: 137717

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	110.0

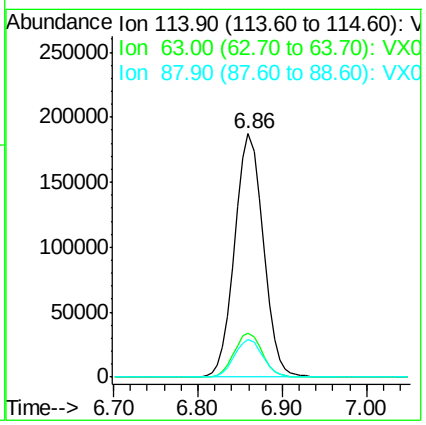


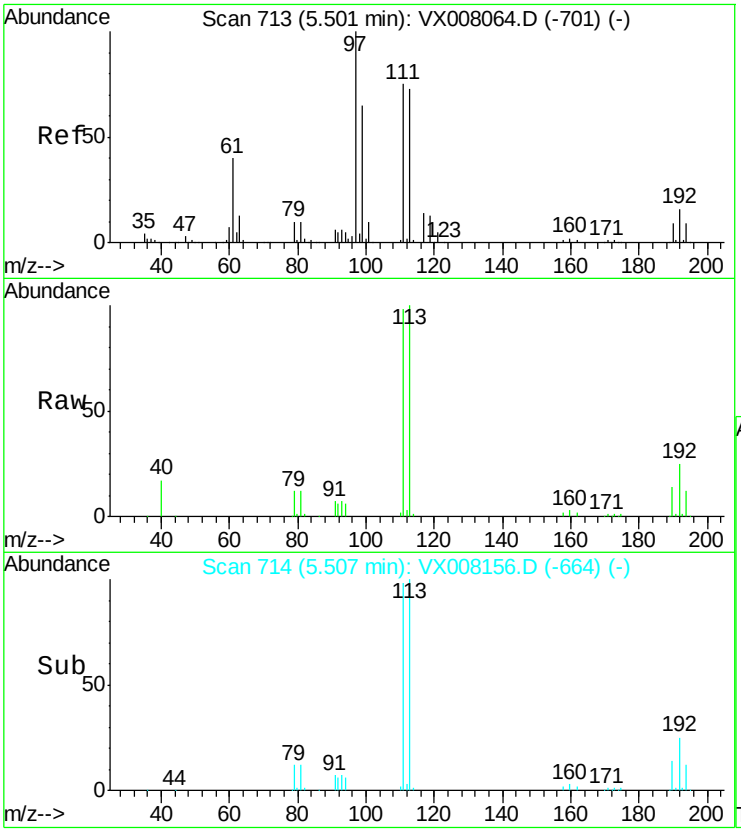


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008156.D
Acq: 16 Mar 2019 22:00

Tgt Ion:114 Resp: 429583

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	39.8
88	15.3	0.0	31.4



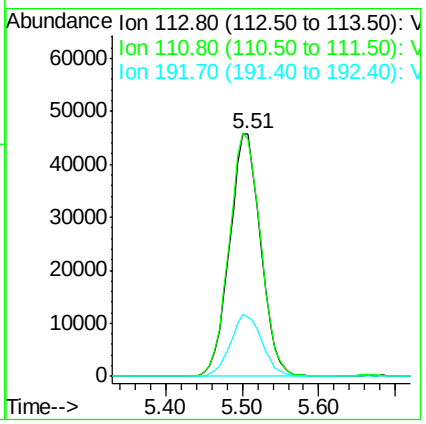


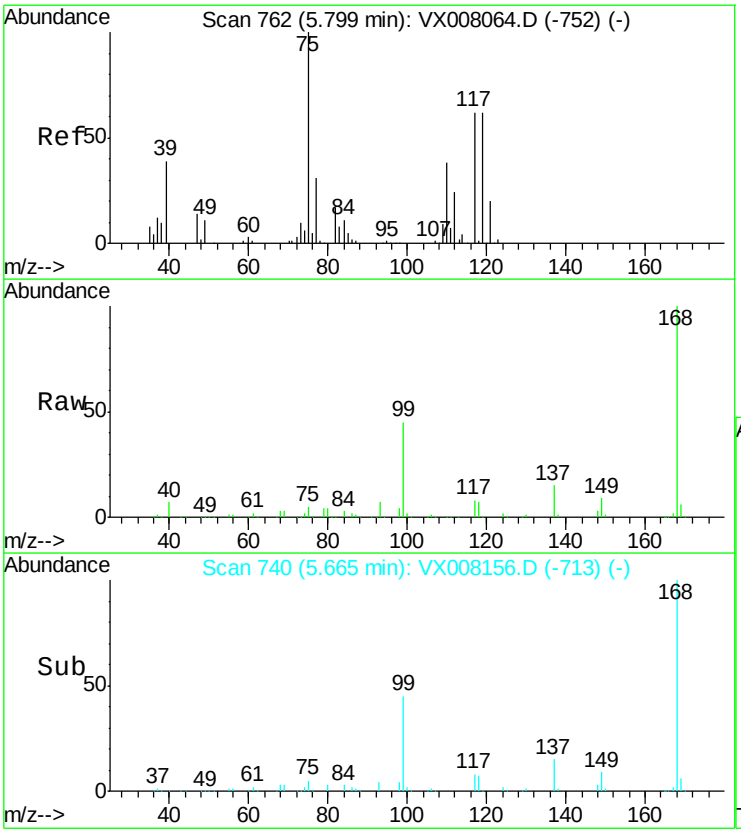
#35
Dibromofluoromethane
Concen: 47.274 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX008156.D
Acq: 16 Mar 2019 22:00

Instrument :
MSVOA_X
ClientSampleId :
101-102

Tgt Ion:113 Resp: 128782

Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.4	122.0
192	25.8	19.4	29.0

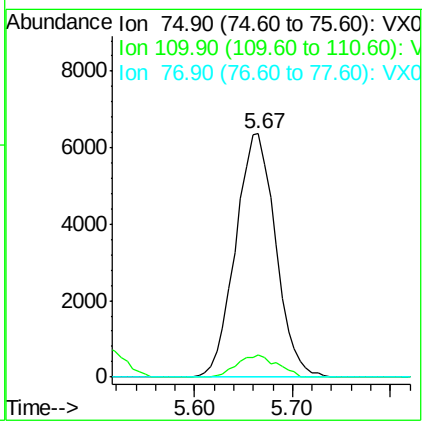


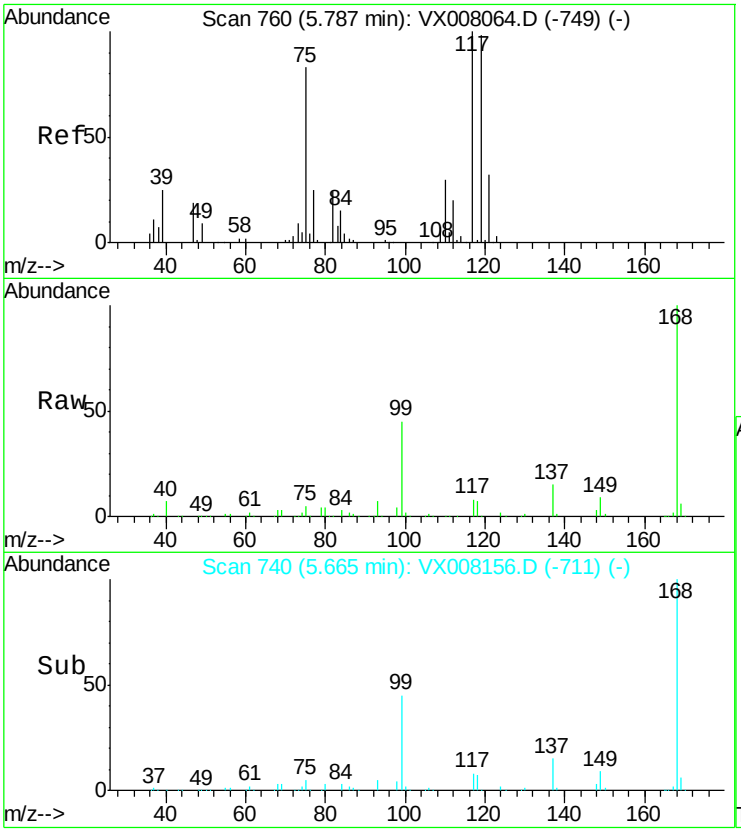


#36
1,1-Dichloropropene
Concen: 5.124 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX008156.D
Acq: 16 Mar 2019 22:00

Tgt Ion: 75 Resp: 18107

Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.4	55.0#
77	0.0	25.0	37.4#



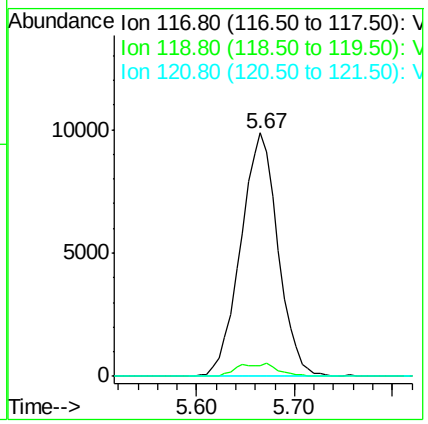


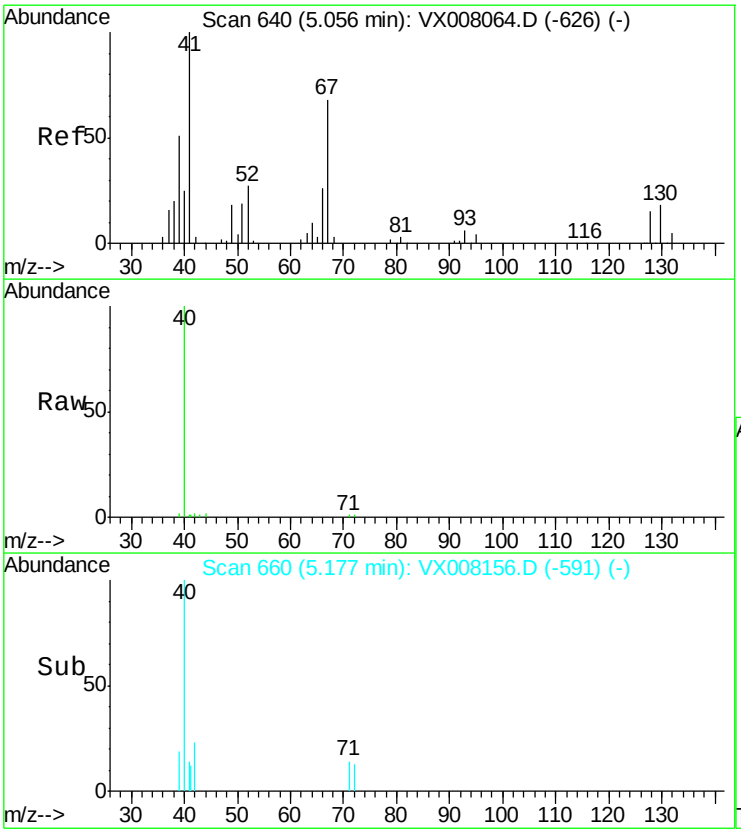
#38
Carbon Tetrachloride
Concen: 7.667 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX008156.D
Acq: 16 Mar 2019 22:00

Instrument : MSVOA_X
ClientSampleId : 101-102

Tgt Ion:117 Resp: 26079

Ion	Ratio	Lower	Upper
117	100		
119	4.3	76.2	114.2#
121	0.0	24.6	36.8#

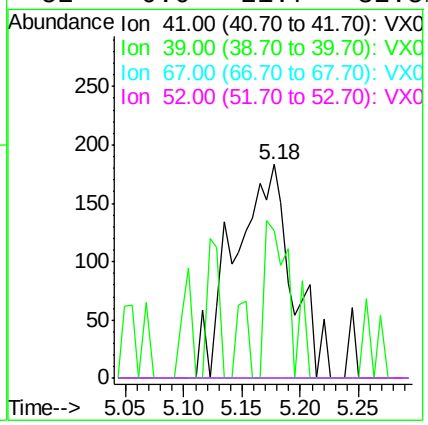


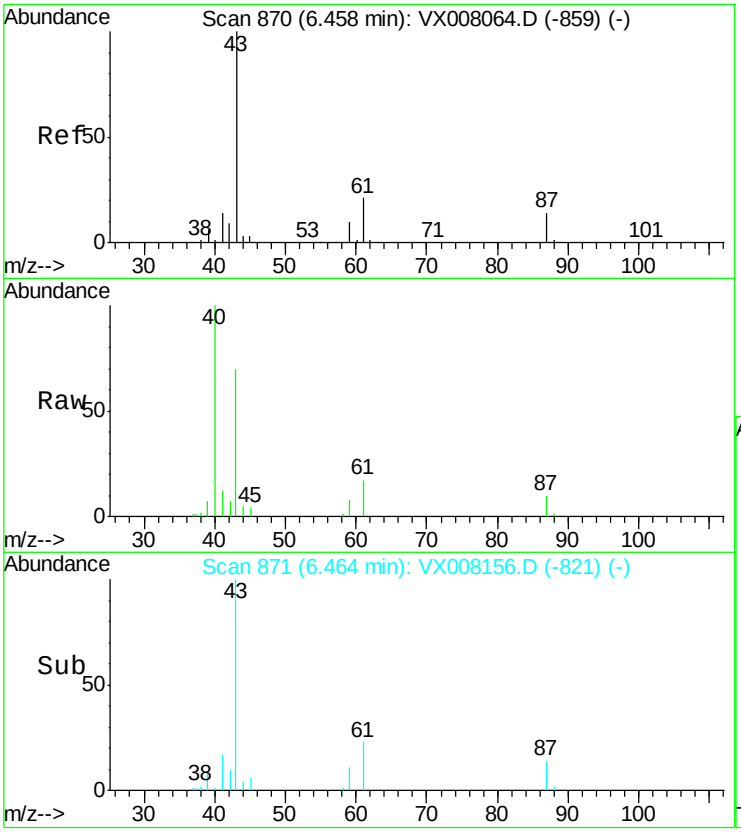


#41
Methacrylonitrile
Concen: 0.283 ug/l
RT: 5.18 min Scan# 660
Delta R.T. 0.12 min
Lab File: VX008156.D
Acq: 16 Mar 2019 22:00

Tgt Ion: 41 Resp: 626

Ion	Ratio	Lower	Upper
41	100		
39	32.4	41.6	62.4#
67	0.0	55.8	83.6#
52	0.0	21.7	32.5#



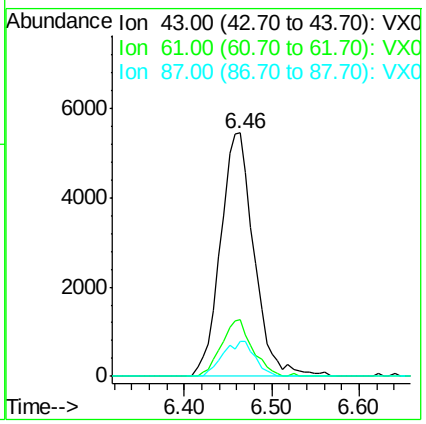


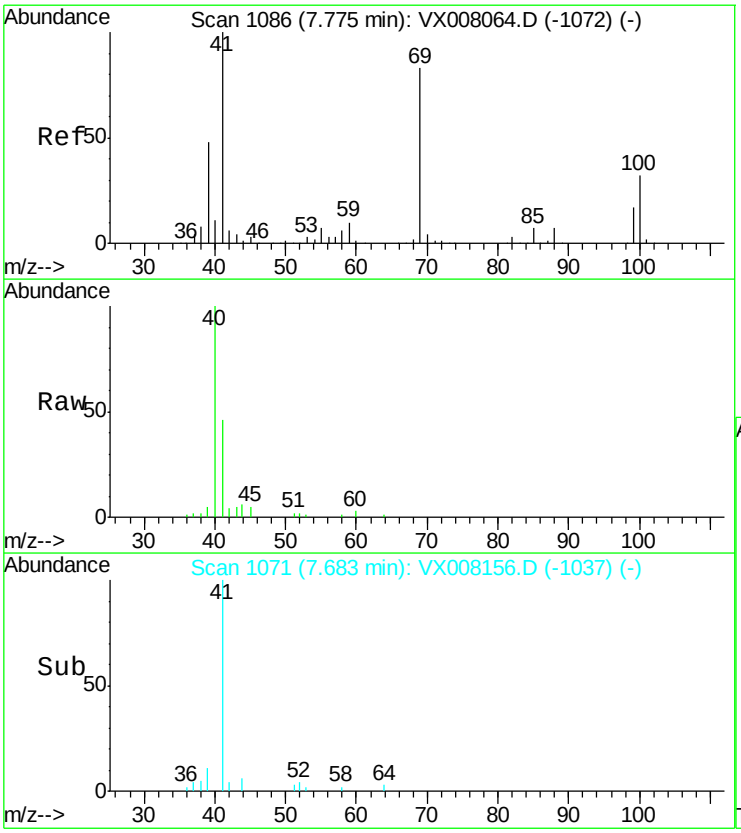
#43
Isopropyl Acetate
Concen: 2.363 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX008156.D
Acq: 16 Mar 2019 22:00

Instrument : MSVOA_X
ClientSampleId : 101-102

Tgt Ion: 43 Resp: 14457

Ion	Ratio	Lower	Upper
43	100		
61	21.5	16.3	24.5
87	13.8	10.5	15.7

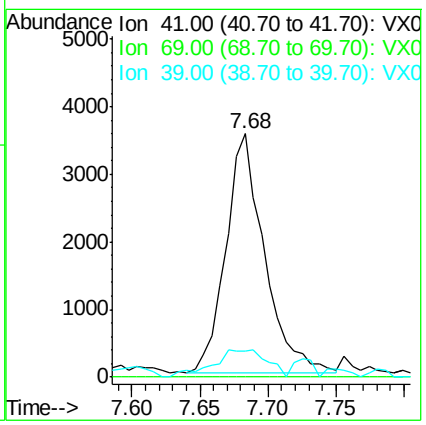


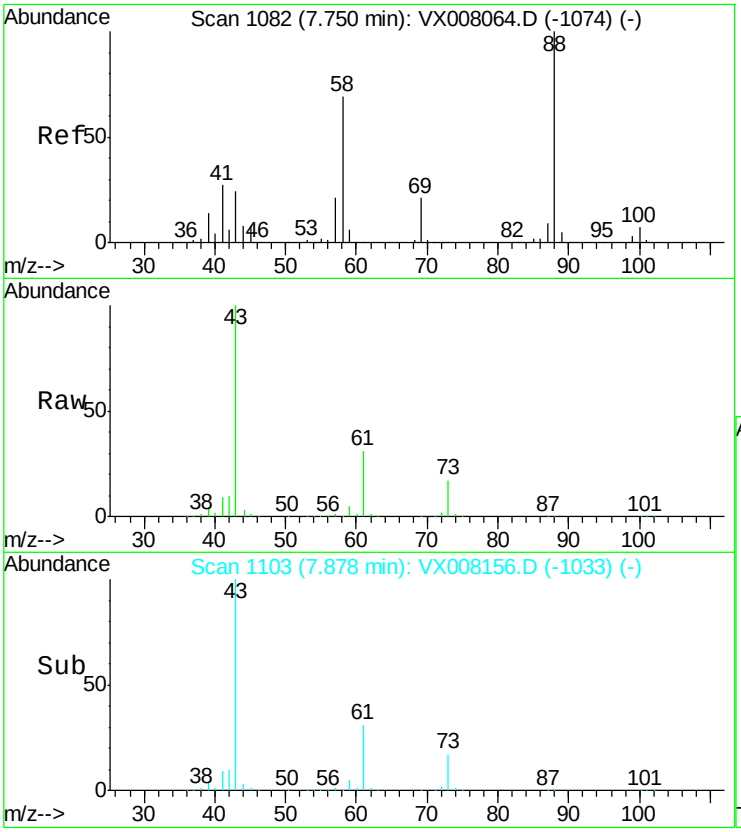


#48
Methyl methacrylate
Concen: 2.195 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX008156.D
Acq: 16 Mar 2019 22:00

Tgt Ion: 41 Resp: 7012

Ion	Ratio	Lower	Upper
41	100		
69	0.0	65.2	97.8#
39	0.0	39.4	59.2#



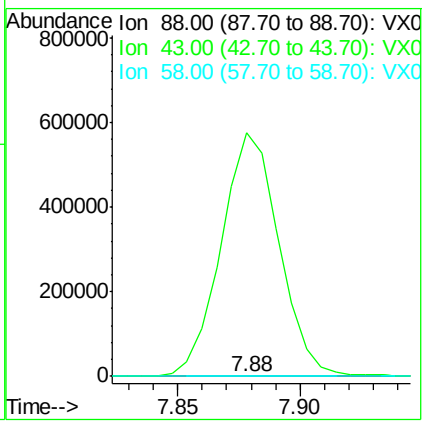


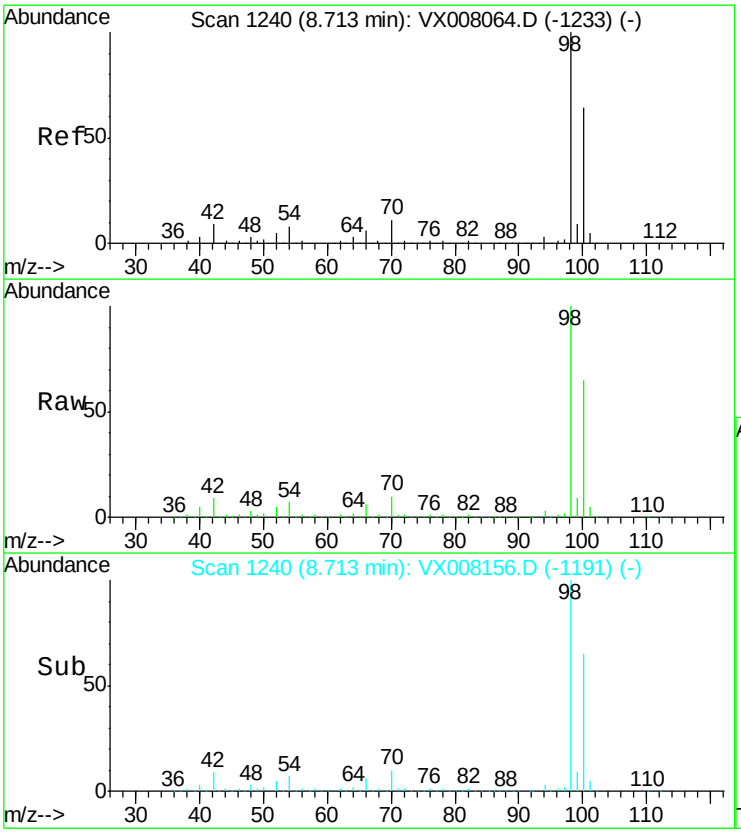
#49
1,4-Dioxane
Concen: 2.627 ug/l
RT: 7.88 min Scan# 1103
Delta R.T. 0.13 min
Lab File: VX008156.D
Acq: 16 Mar 2019 22:00

Instrument : MSVOA_X
ClientSampleId : 101-102

Tgt Ion: 88 Resp: 181

Ion	Ratio	Lower	Upper
88	100		
43	524987.8	25.1	37.7#
58	2216.6	57.8	86.6#

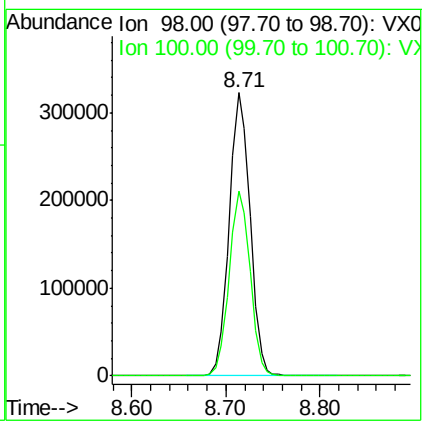


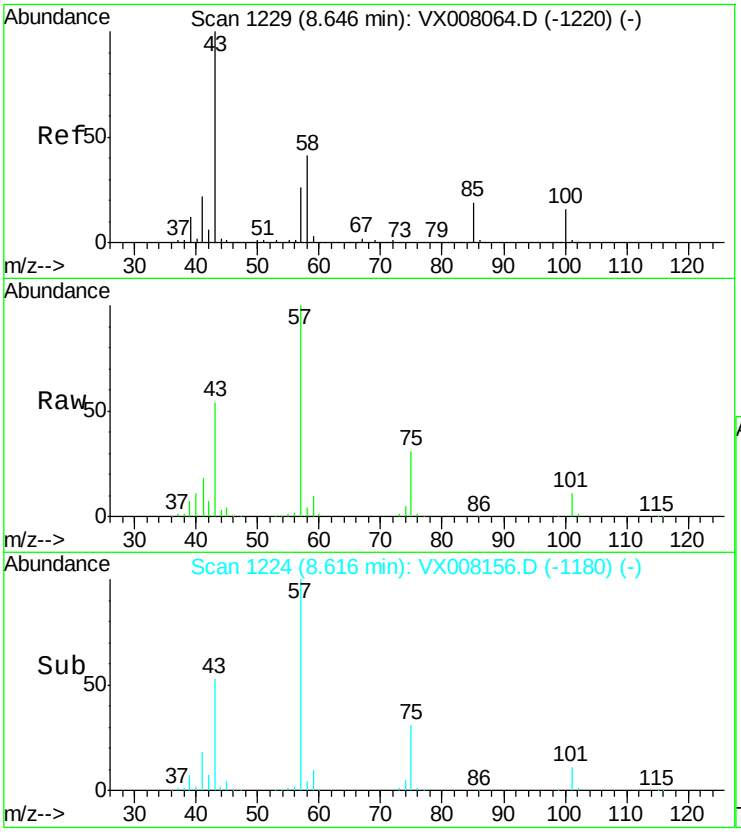


#50
Toluene-d8
Concen: 48.083 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008156.D
Acq: 16 Mar 2019 22:00

Tgt Ion: 98 Resp: 498177

Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.7	77.5



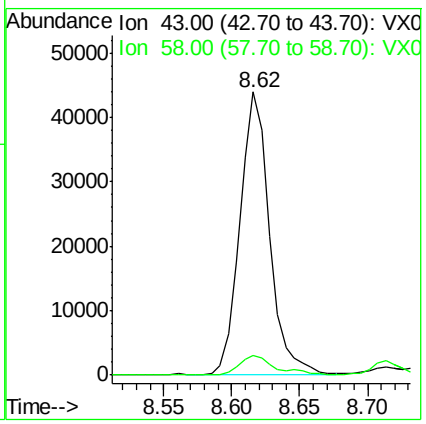


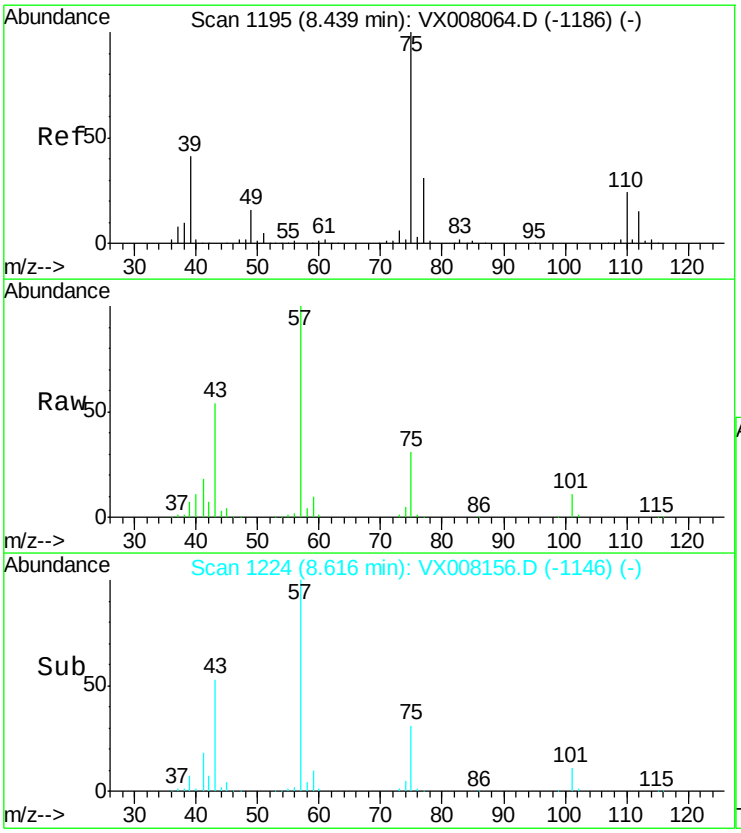
#51
4-Methyl-2-Pentanone
Concen: 16.482 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.03 min
Lab File: VX008156.D
Acq: 16 Mar 2019 22:00

Instrument :
MSVOA_X
ClientSampleId :
101-102

Tgt Ion: 43 Resp: 66446

Ion	Ratio	Lower	Upper
43	100		
58	8.6	31.3	46.9#

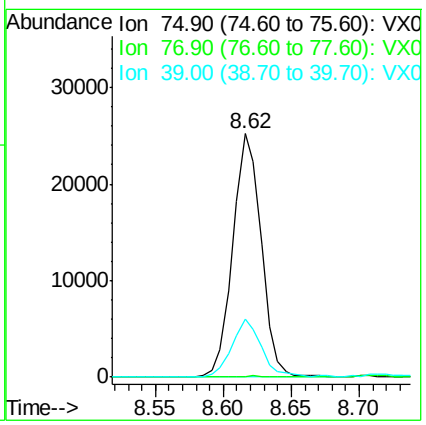


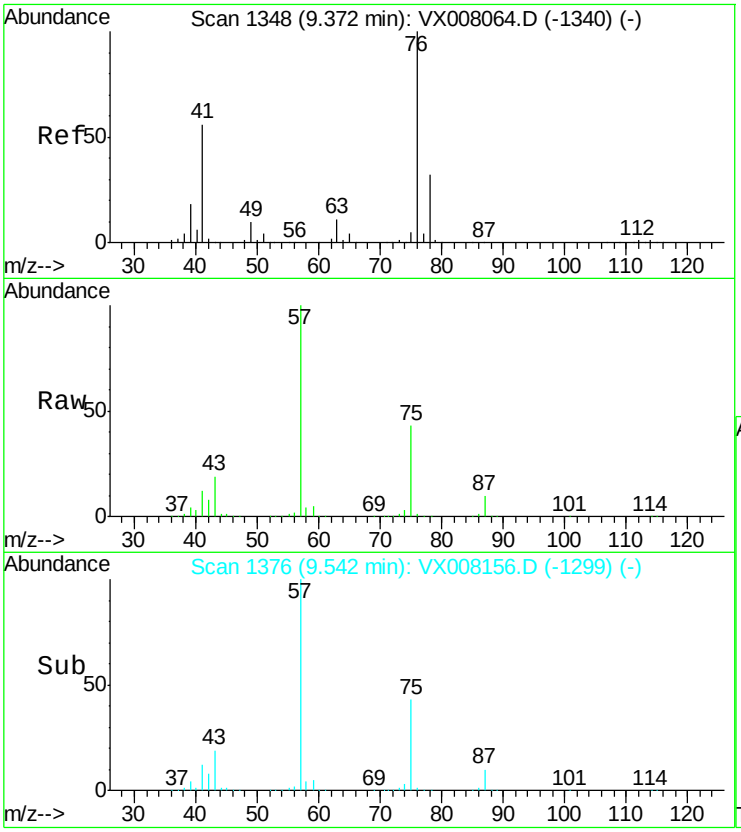


#54
cis-1,3-Dichloropropene
Concen: 8.841 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX008156.D
Acq: 16 Mar 2019 22:00

Tgt Ion: 75 Resp: 36671

Ion	Ratio	Lower	Upper
75	100		
77	0.3	25.0	37.6#
39	23.4	36.6	54.8#



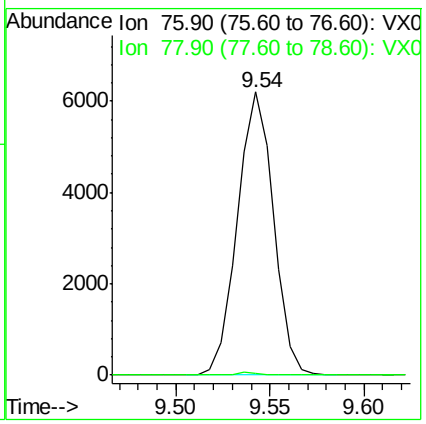


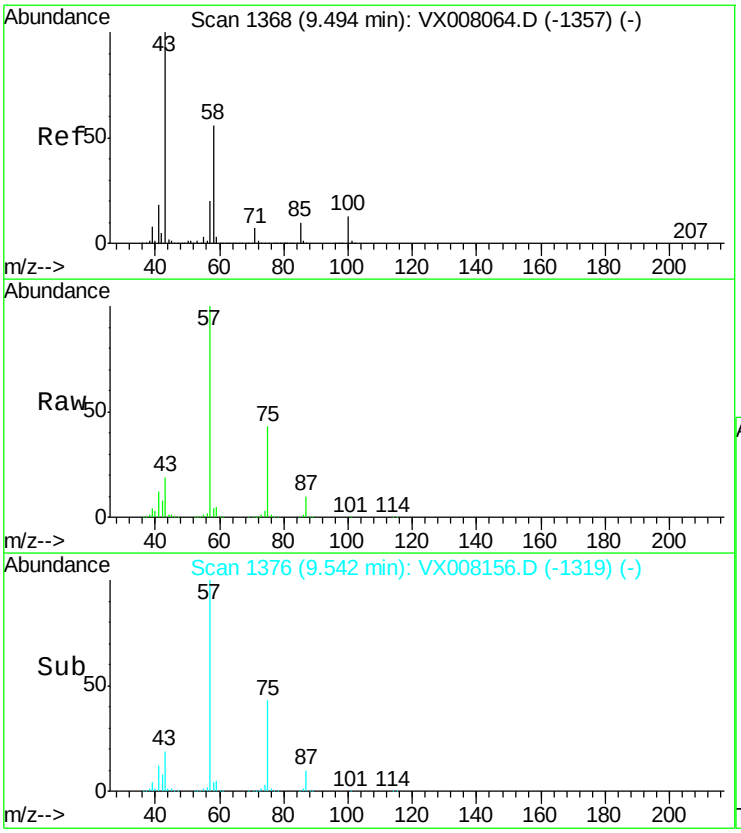
#57
1,3-Dichloropropane
Concen: 1.772 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX008156.D
Acq: 16 Mar 2019 22:00

Instrument :
MSVOA_X
ClientSampleId :
101-102

Tgt Ion: 76 Resp: 8217

Ion	Ratio	Lower	Upper
76	100		
78	0.5	25.5	38.3#

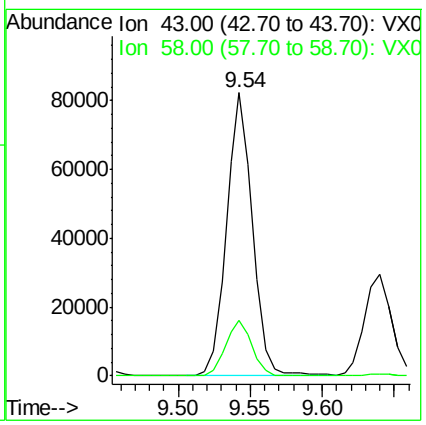


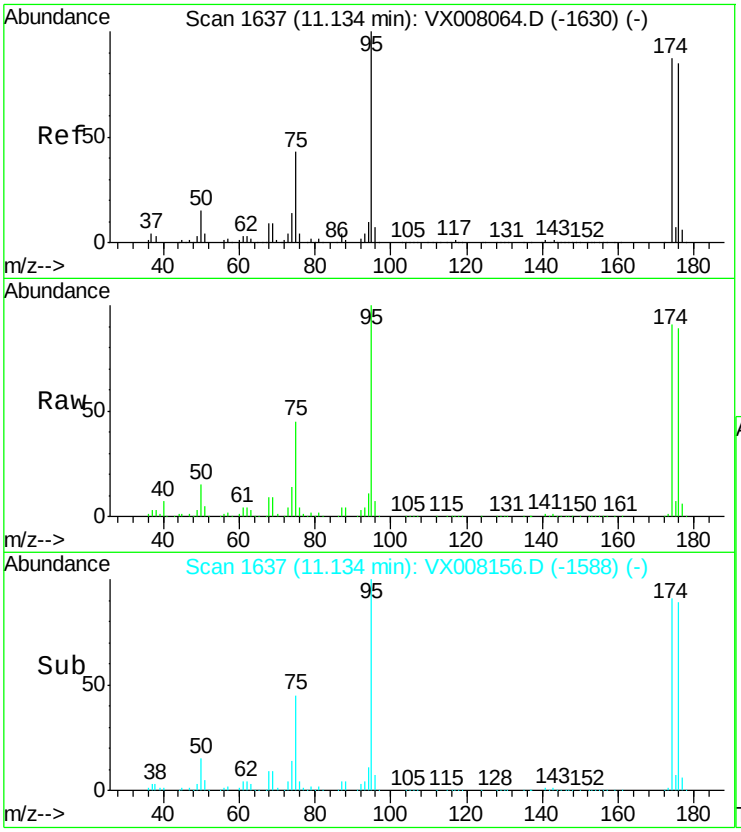


#59
2-Hexanone
Concen: 32.749 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX008156.D
Acq: 16 Mar 2019 22:00

Tgt Ion: 43 Resp: 103255

Ion	Ratio	Lower	Upper
43	100		
58	20.3	27.6	82.7#



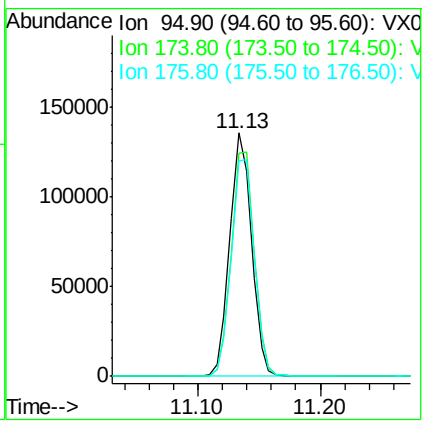


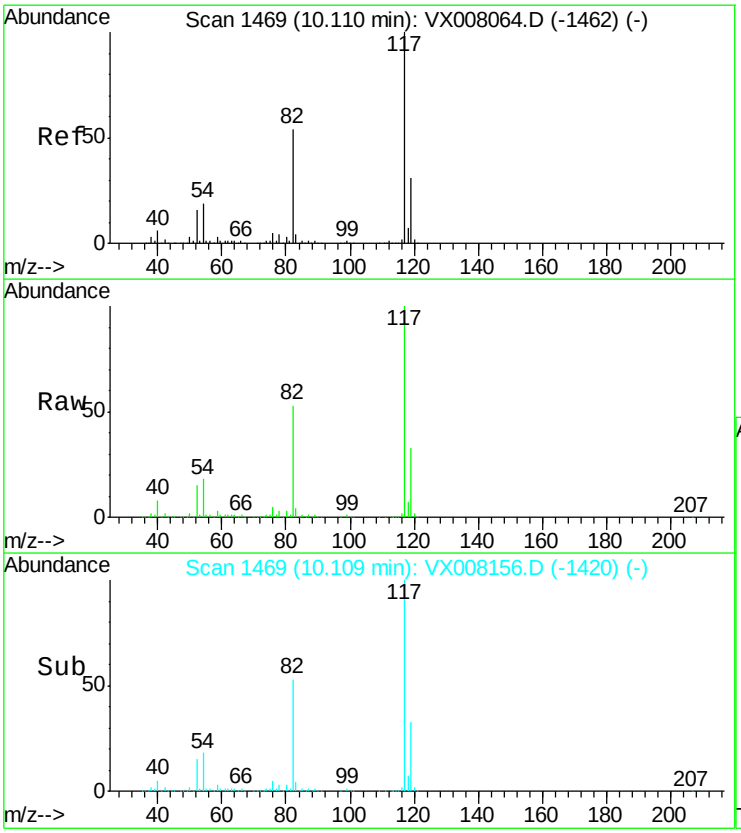
#62
4-Bromofluorobenzene
Concen: 44.777 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008156.D
Acq: 16 Mar 2019 22:00

Instrument :
MSVOA_X
ClientSampleId :
101-102

Tgt Ion: 95 Resp: 166196

Ion	Ratio	Lower	Upper
95	100		
174	97.5	0.0	182.8
176	94.0	0.0	178.0

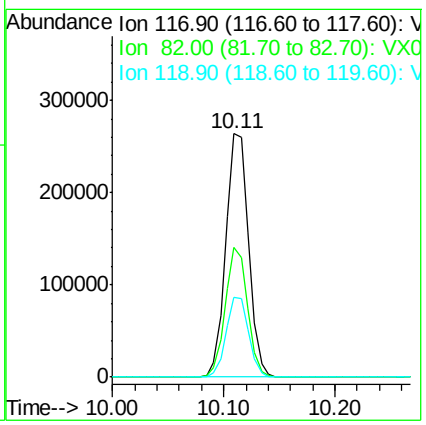


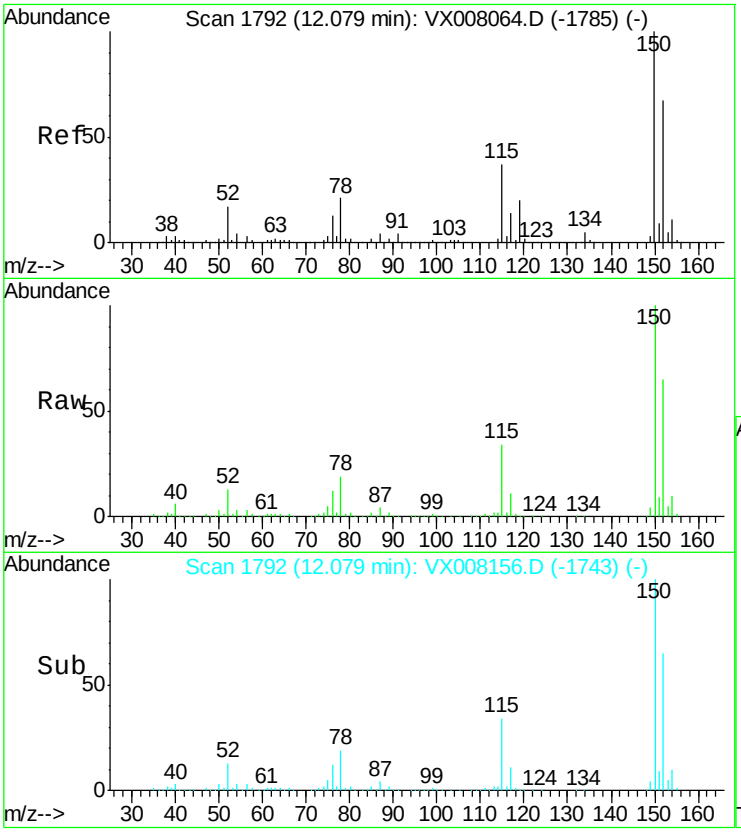


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008156.D
Acq: 16 Mar 2019 22:00

Tgt Ion:117 Resp: 372788

Ion	Ratio	Lower	Upper
117	100		
82	53.1	44.3	66.5
119	33.0	25.3	37.9



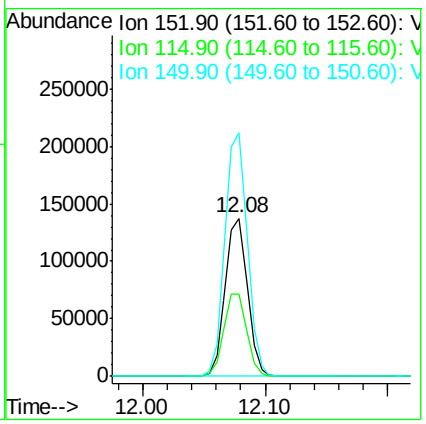


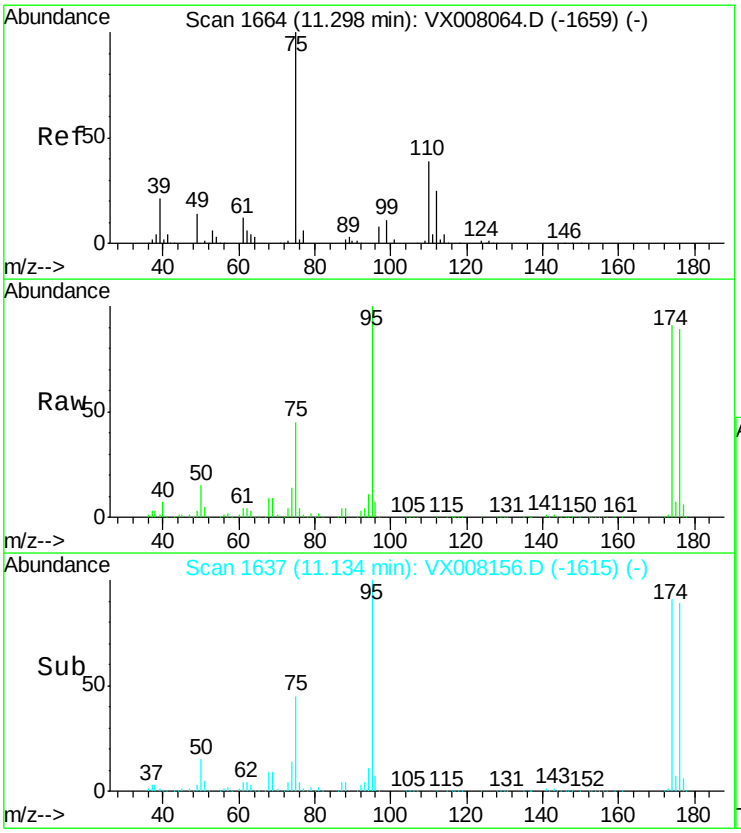
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008156.D
Acq: 16 Mar 2019 22:00

Instrument :
MSVOA_X
ClientSampleId :
101-102

Tgt Ion:152 Resp: 172686

Ion	Ratio	Lower	Upper
152	100		
115	53.9	38.6	115.7
150	155.6	0.0	348.4

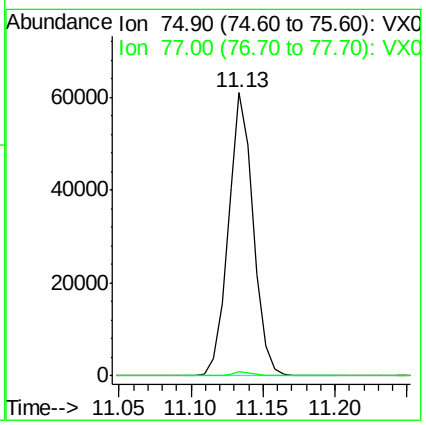


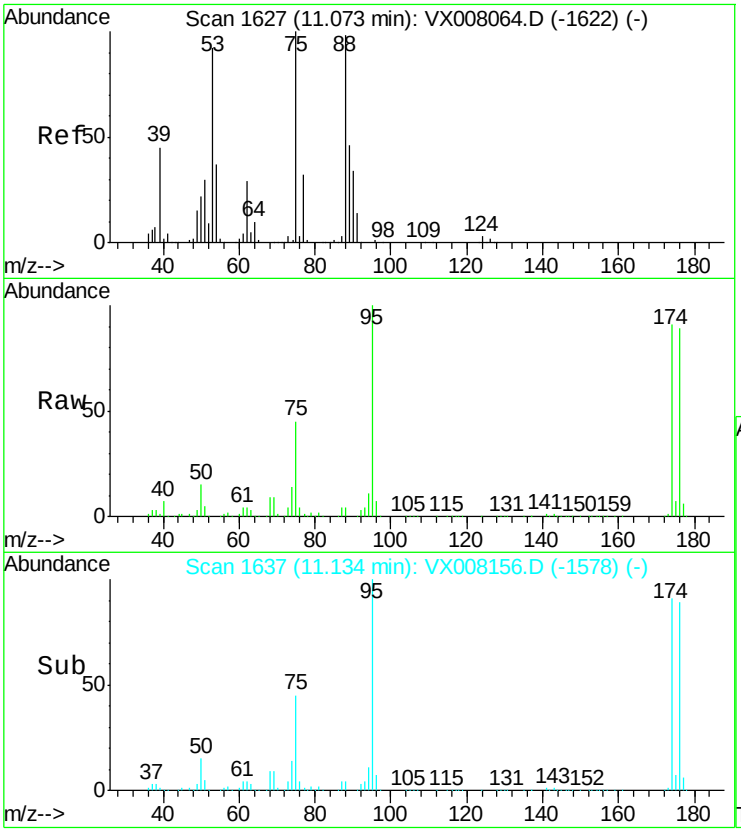


#76
1,2,3-Trichloropropane
Concen: 24.553 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX008156.D
Acq: 16 Mar 2019 22:00

Tgt Ion: 75 Resp: 73637

Ion	Ratio	Lower	Upper
75	100		
77	1.2	18.9	56.7#



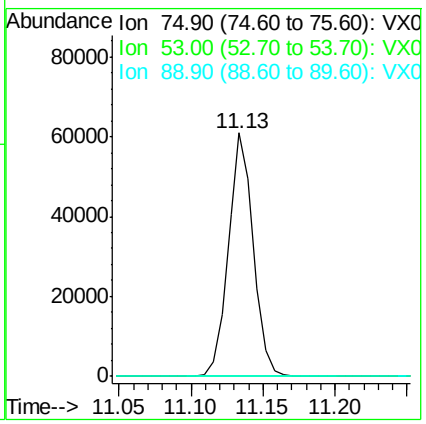


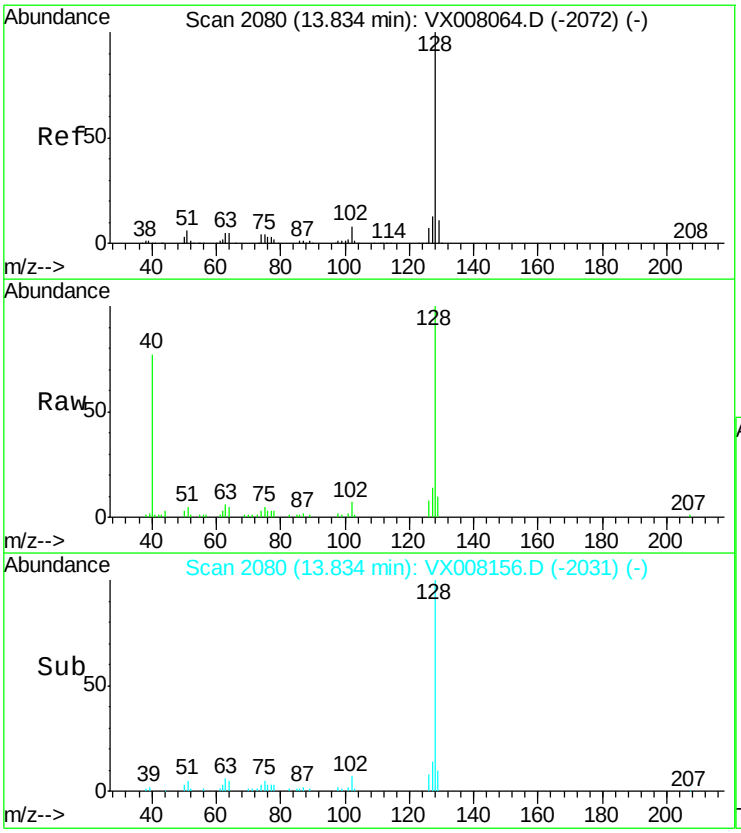
#81
trans-1,4-Dichloro-2-butene
Concen: 69.870 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008156.D
Acq: 16 Mar 2019 22:00

Instrument :
MSVOA_X
ClientSampleId :
101-102

Tgt Ion: 75 Resp: 73637

Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.1	114.1#
89	0.0	36.3	54.5#





#95
Naphthalene
Concen: 1.295 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008156.D
Acq: 16 Mar 2019 22:00

Tgt Ion:128 Resp: 13751

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	10.6	8.7	13.1