Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060518\
Data File : VX002339.D
Acq On : 06 Jun 2018 07:04
Operator : JC/MD
Sample : J3309-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-21

Quant Time: Jun 06 07:40:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	234964	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	344200	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	325552	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199921	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	162833	48.35	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.70%				
35) Dibromofluoromethane	5.51	113	120196	44.40	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.80%				
50) Toluene-d8	8.72	98	494804	47.69	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.38%				
62) 4-Bromofluorobenzene	11.14	95	178635	44.65	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.30%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	451	Below Cal		#	81
5) Bromomethane	1.65	94	669	Below Cal		#	36
6) Chloroethane	1.68	64	489	0.25	ug/l	#	43
8) Diethyl Ether	2.32	74	64	Below Cal			71
11) Tert butyl alcohol	3.06	59	438	Below Cal		#	1
13) Acrolein	2.32	56	145	Below Cal			92
15) Acrylonitrile	3.16	53	236	Below Cal		#	51
16) Acetone	2.45	43	976	Below Cal		#	87
18) Methyl Acetate	2.78	43	236	Below Cal		#	81
19) Methyl tert-butyl Ether	3.21	73	47	Below Cal		#	1
20) Methylene Chloride	2.86	84	354	Below Cal		#	81
22) Diisopropyl ether	3.85	45	31	Below Cal		#	1
25) 2-Butanone	4.71	43	551	0.24	ug/l	#	52
28) Bromochloromethane	5.04	49	31	Below Cal		#	13
31) Cyclohexane	5.57	56	853	0.20	ug/l		91
36) 1,1-Dichloropropene	5.67	75	16405	4.53	ug/l	#	51
38) Carbon Tetrachloride	5.67	117	21866	5.78	ug/l	#	16
39) Methylcyclohexane	7.47	83	1251	0.54	ug/l		90
49) 1,4-Dioxane	7.68	88	22	0.32	ug/l	#	1
60) Dibromochloromethane	9.34	129	728	0.25	ug/l	#	11
76) 1,2,3-Trichloropropane	11.14	75	97753	22.28	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	97753	78.11	ug/l	#	6
90) Hexachloroethane	12.66	117	443	0.22	ug/l	#	1

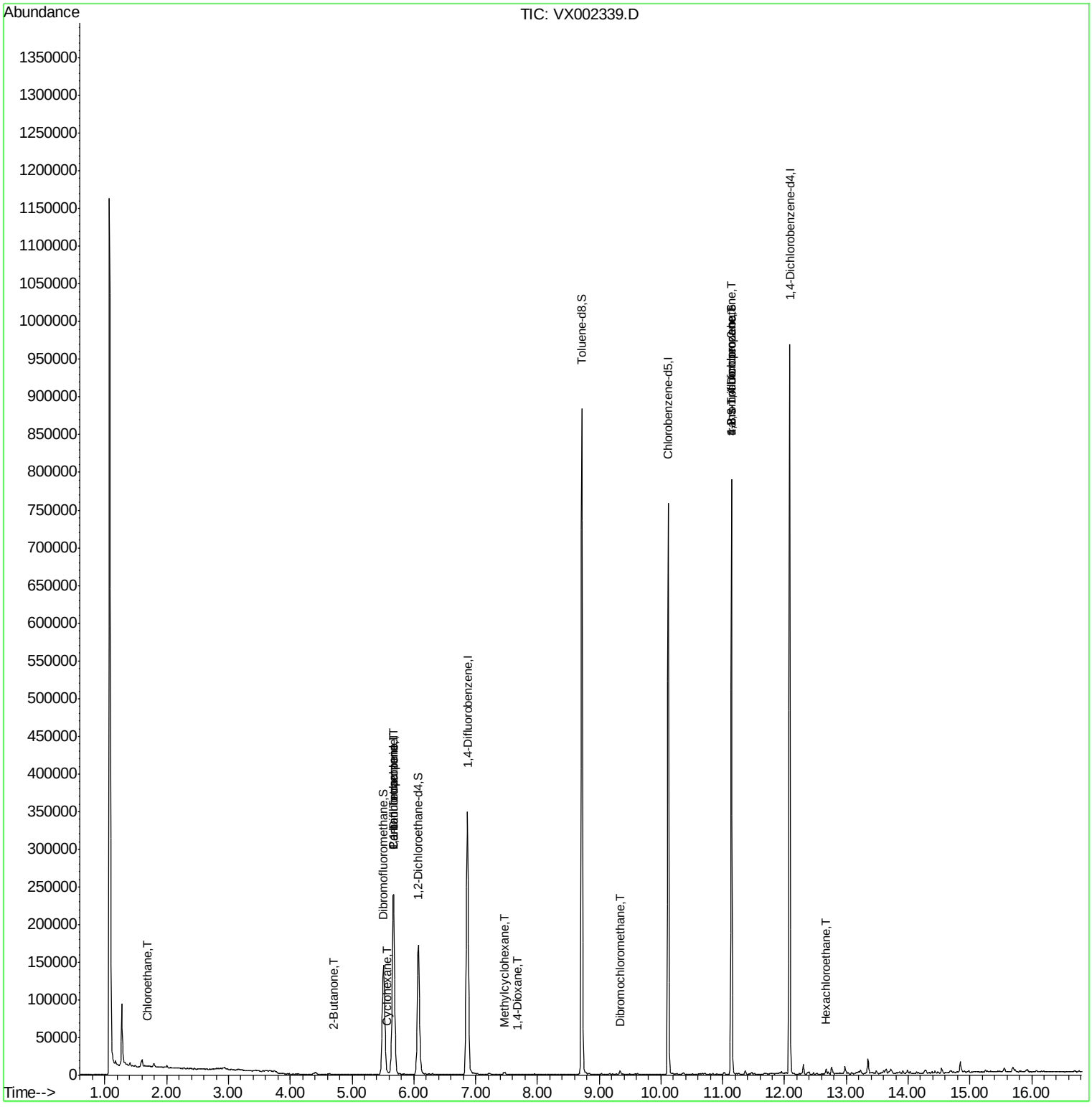
(#) = qualifier out of range (m) = manual integration (+) = signals summed

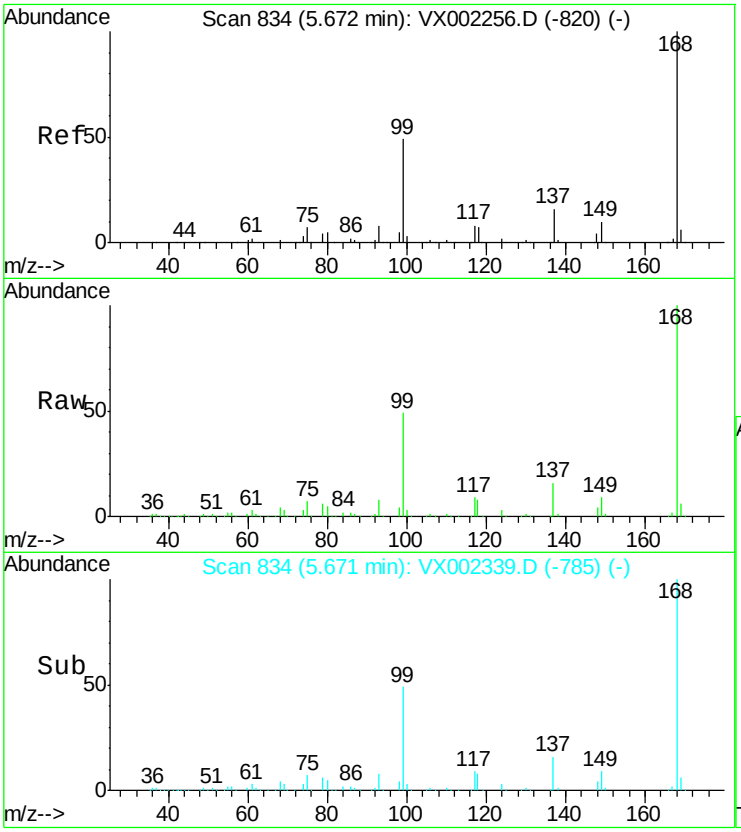
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060518\
Data File : VX002339.D
Acq On : 06 Jun 2018 07:04
Operator : JC/MD
Sample : J3309-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-21

Quant Time: Jun 06 07:40:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration



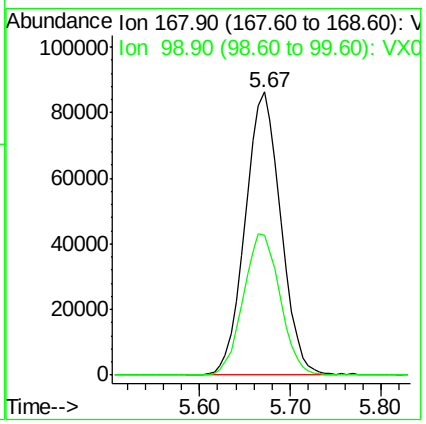


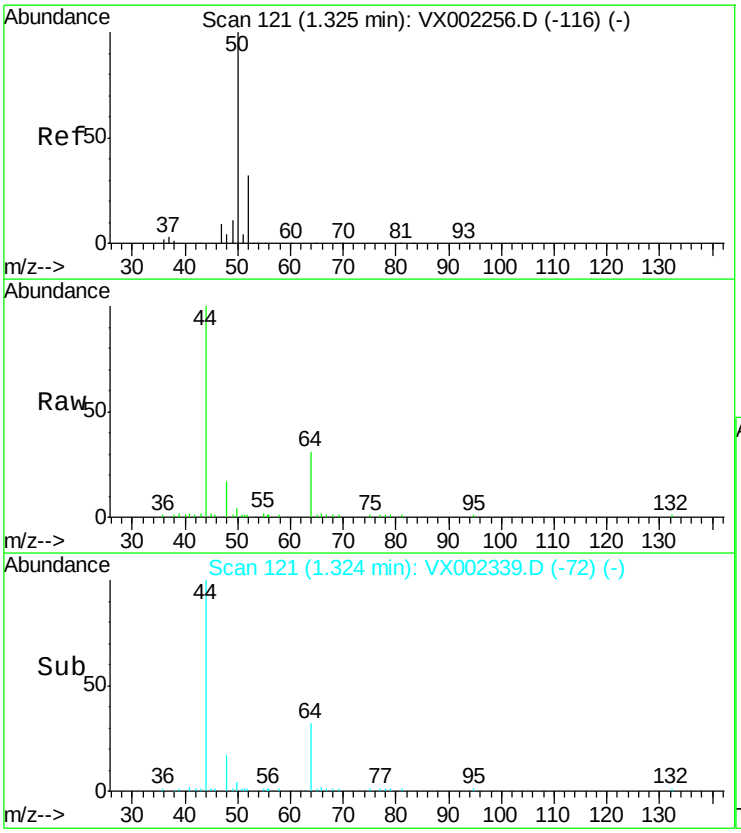
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX002339.D
Acq: 06 Jun 2018 07:04

Instrument :
MSVOA_X
ClientSampleId :
MW-21

Tgt Ion:168 Resp: 234964

Ion	Ratio	Lower	Upper
168	100		
99	49.3	39.3	58.9

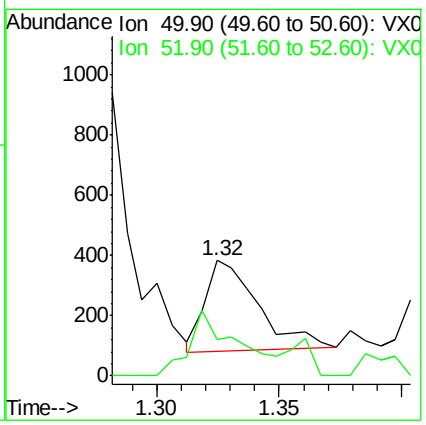


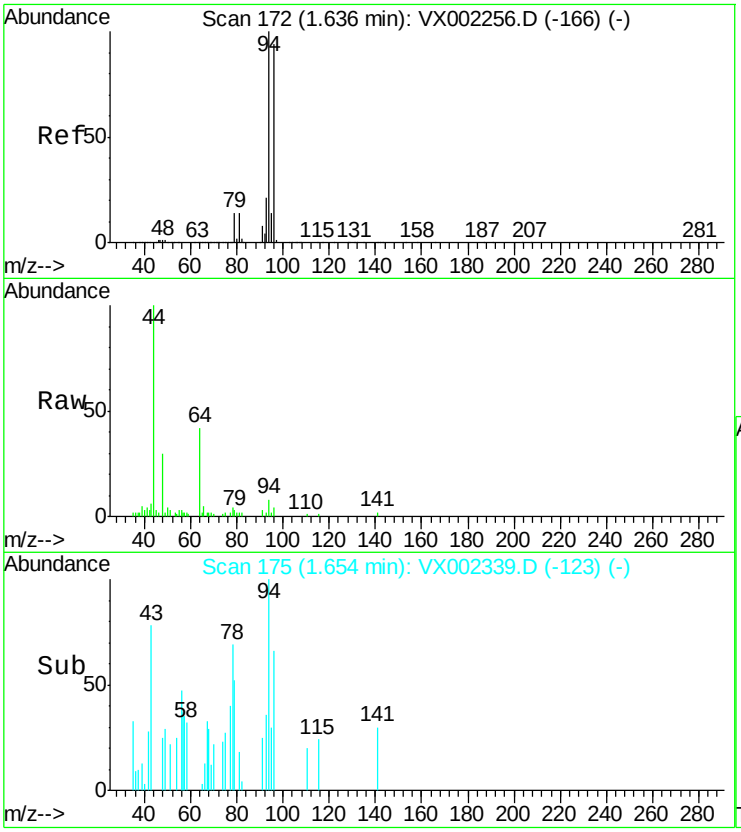


#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002339.D
Acq: 06 Jun 2018 07:04

Tgt Ion: 50 Resp: 451

Ion	Ratio	Lower	Upper
50	100		
52	42.5	25.7	38.5#



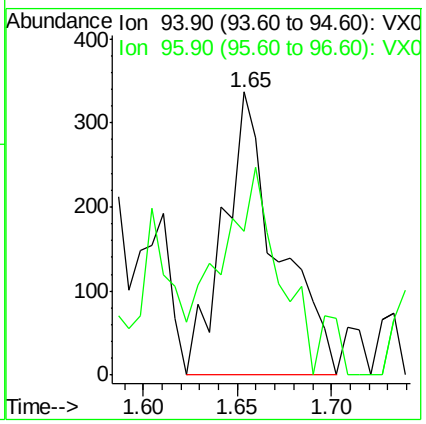


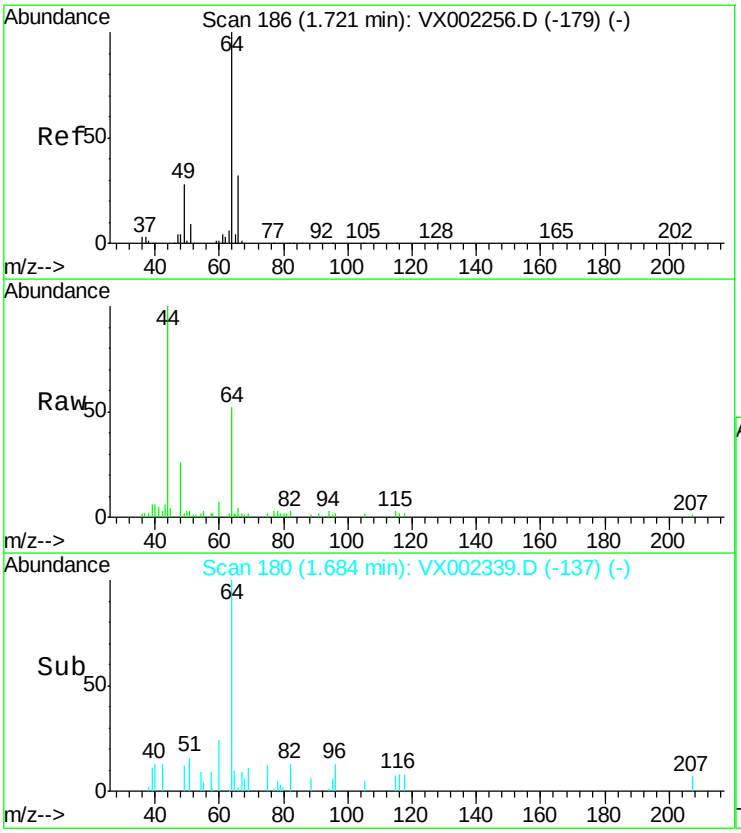
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX002339.D
Acq: 06 Jun 2018 07:04

Instrument :
MSVOA_X
ClientSampleId :
MW-21

Tgt Ion: 94 Resp: 669

Ion	Ratio	Lower	Upper
94	100		
96	32.0	74.9	112.3#

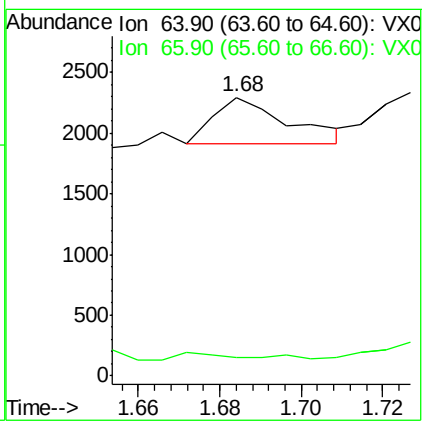


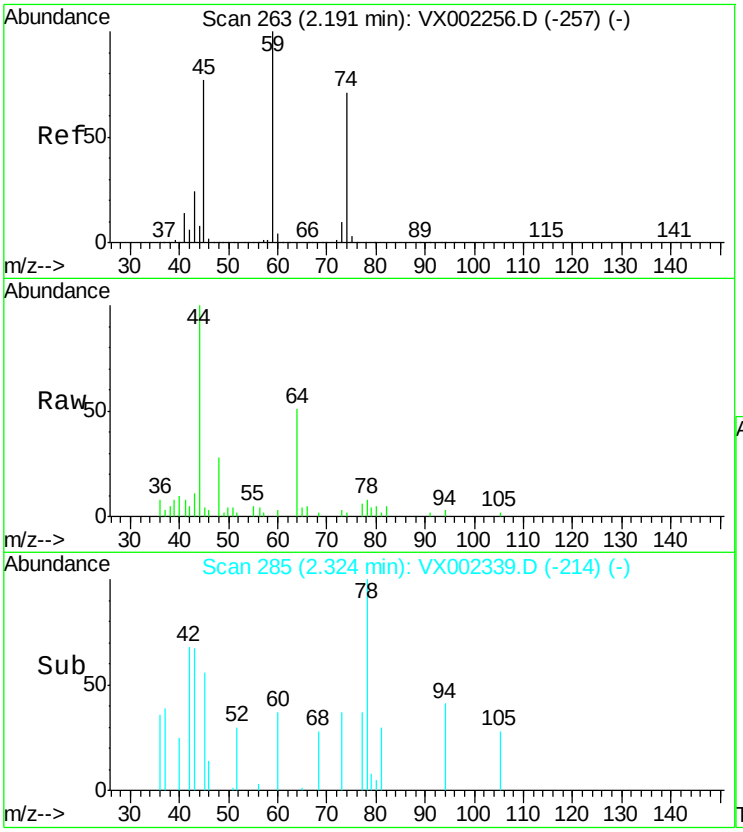


#6
Chloroethane
Concen: 0.25 ug/l
RT: 1.68 min Scan# 180
Delta R.T. -0.04 min
Lab File: VX002339.D
Acq: 06 Jun 2018 07:04

Tgt Ion: 64 Resp: 489

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.5	38.3#



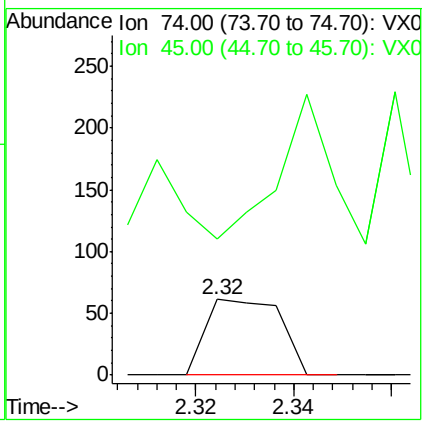


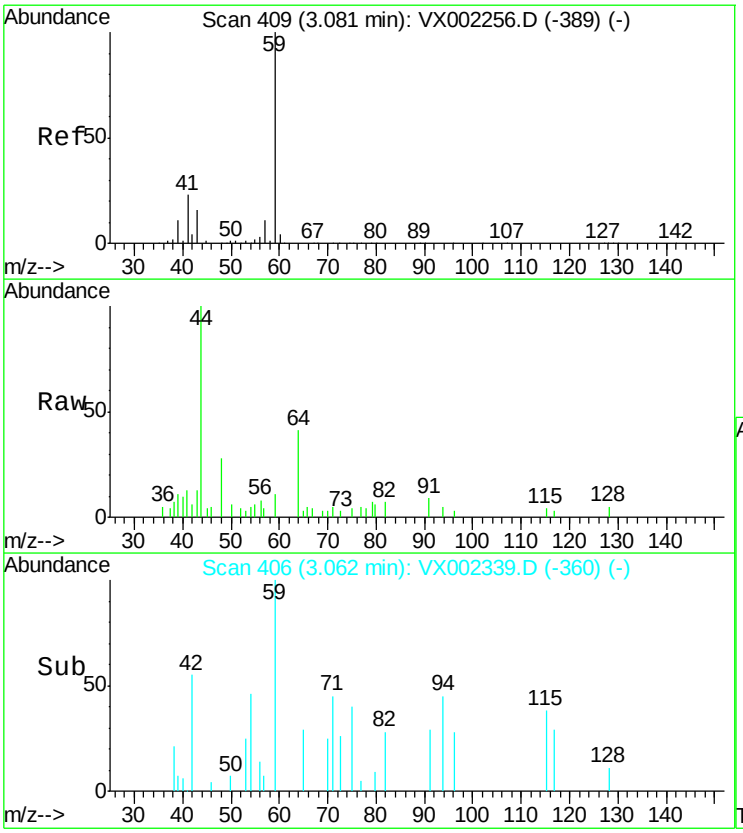
#8
Diethyl Ether
Concen: Below Cal
RT: 2.32 min Scan# 285
Delta R.T. 0.13 min
Lab File: VX002339.D
Acq: 06 Jun 2018 07:04

Instrument :
MSVOA_X
ClientSampleId :
MW-21

Tgt Ion: 74 Resp: 64

Ion	Ratio	Lower	Upper
74	100		
45	135.9	53.1	159.4

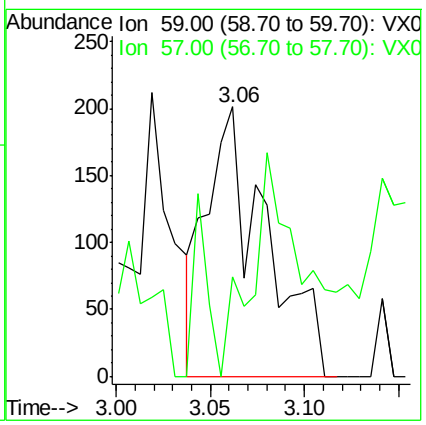


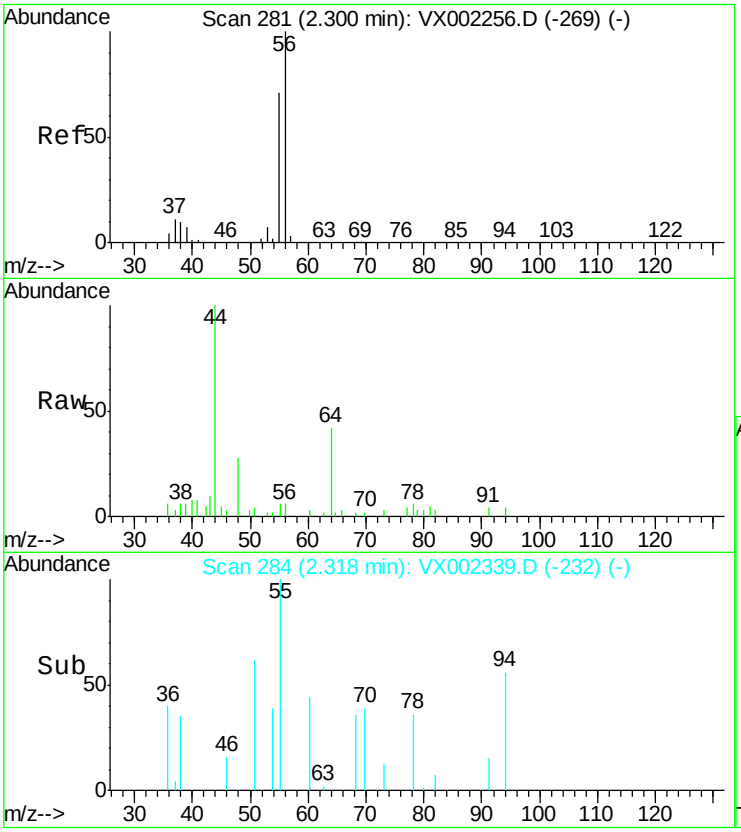


#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX002339.D
Acq: 06 Jun 2018 07:04

Tgt Ion: 59 Resp: 438

Ion	Ratio	Lower	Upper
59	100		
57	71.5	8.2	12.2#



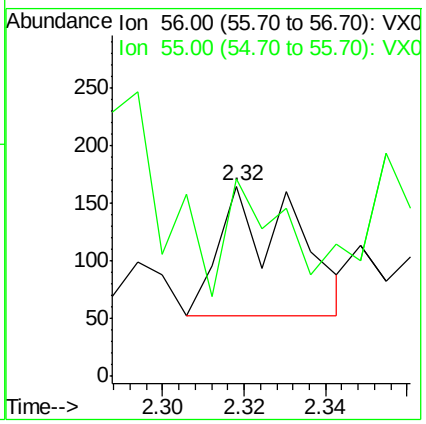


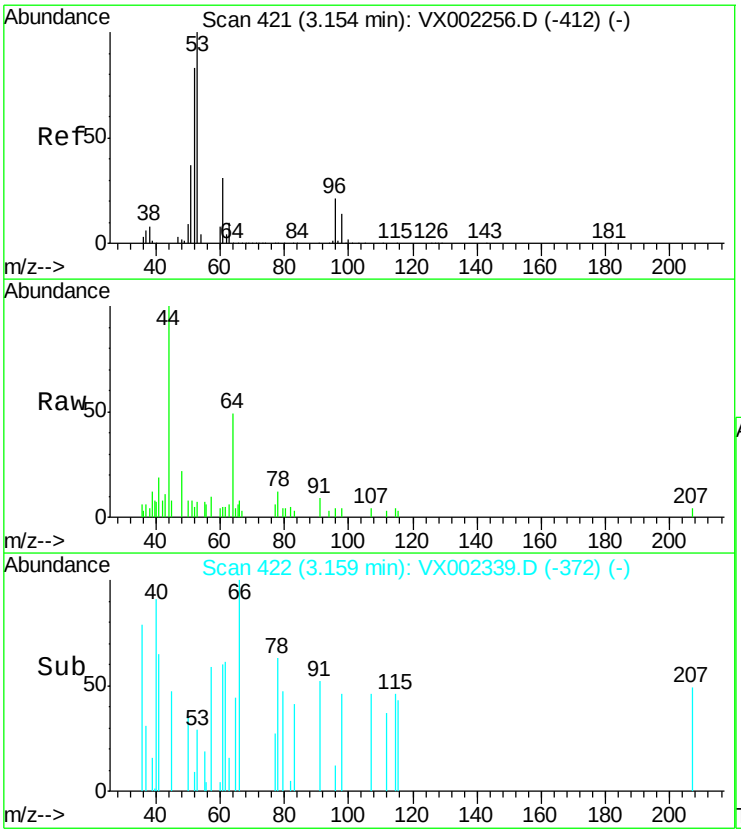
#13
Acrolein
Concen: Below Cal
RT: 2.32 min Scan# 284
Delta R.T. 0.02 min
Lab File: VX002339.D
Acq: 06 Jun 2018 07:04

Instrument :
MSVOA_X
ClientSampleId :
MW-21

Tgt Ion: 56 Resp: 145

Ion	Ratio	Lower	Upper
56	100		
55	64.8	57.0	85.4

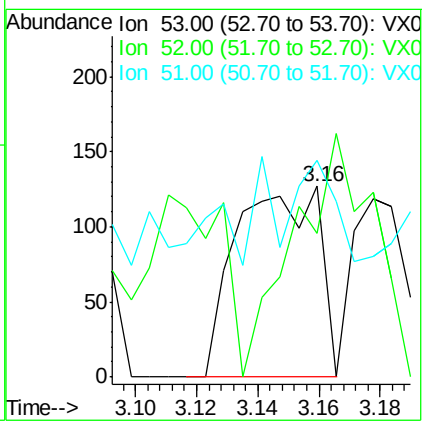


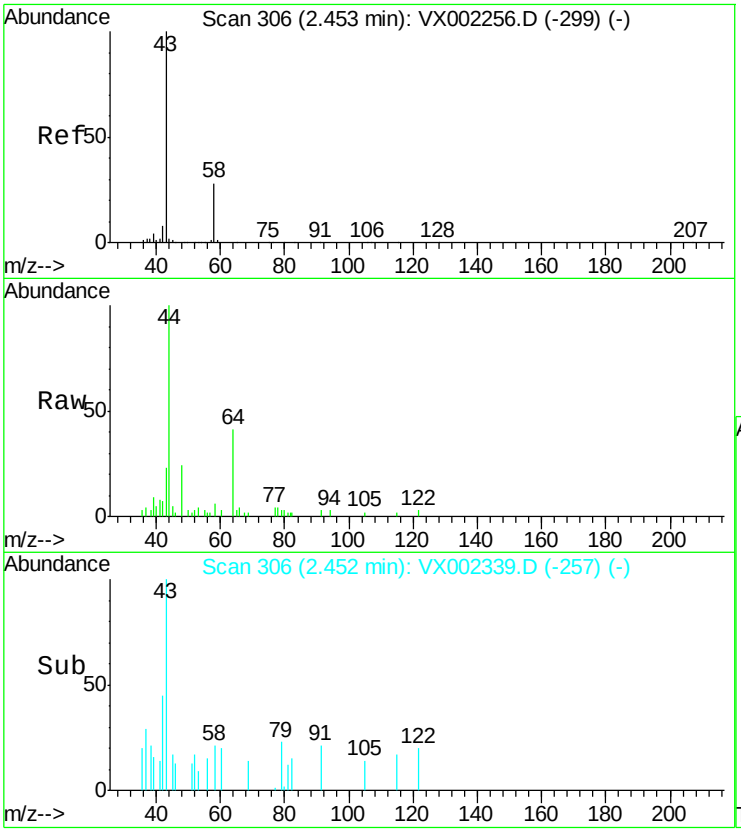


#15
Acrylonitrile
Concen: Below Cal
RT: 3.16 min Scan# 422
Delta R.T. 0.01 min
Lab File: VX002339.D
Acq: 06 Jun 2018 07:04

Tgt Ion: 53 Resp: 236

Ion	Ratio	Lower	Upper
53	100		
52	122.5	66.7	100.1#
51	0.0	29.9	44.9#



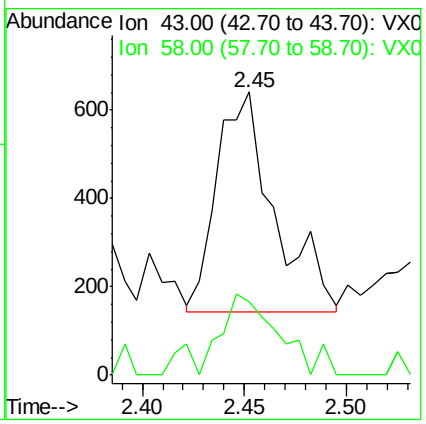


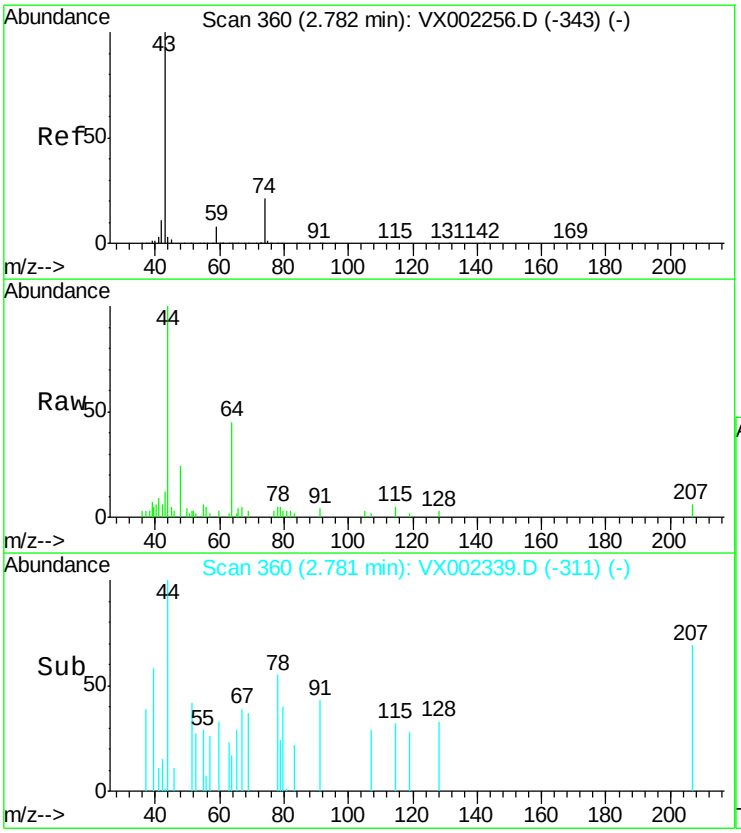
#16
Acetone
Concen: Below Cal
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX002339.D
Acq: 06 Jun 2018 07:04

Instrument :
MSVOA_X
ClientSampleId :
MW-21

Tgt Ion: 43 Resp: 976

Ion	Ratio	Lower	Upper
43	100		
58	34.5	22.1	33.1#

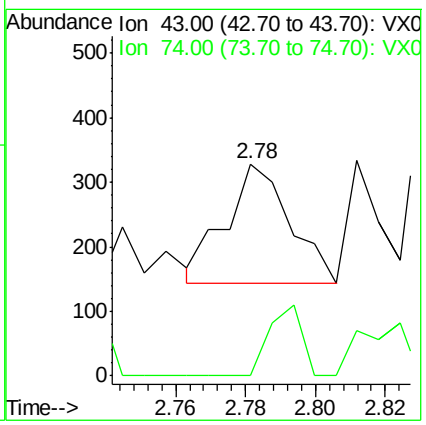


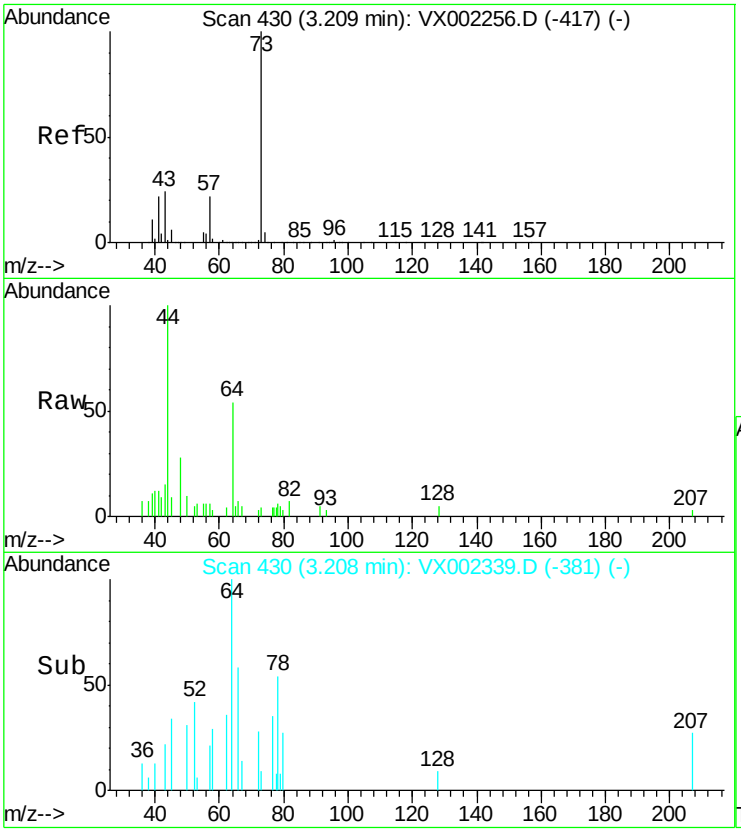


#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002339.D
Acq: 06 Jun 2018 07:04

Tgt Ion: 43 Resp: 236

Ion	Ratio	Lower	Upper
43	100		
74	29.7	16.7	25.1#



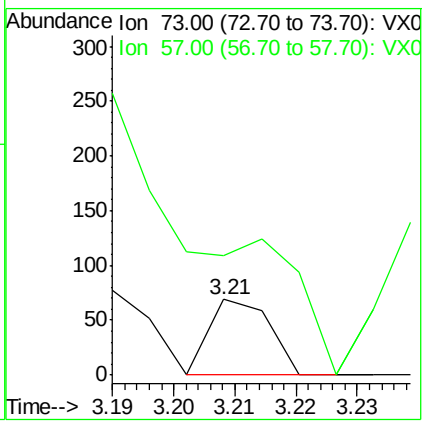


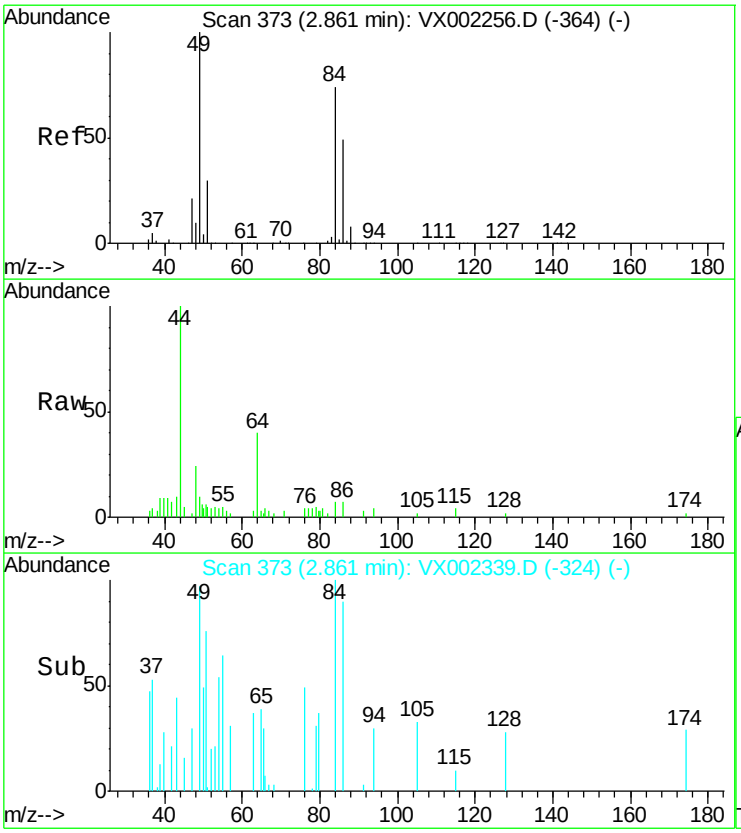
#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002339.D
Acq: 06 Jun 2018 07:04

Instrument :
MSVOA_X
ClientSampleId :
MW-21

Tgt Ion: 73 Resp: 47

Ion	Ratio	Lower	Upper
73	100		
57	158.0	17.7	26.5#

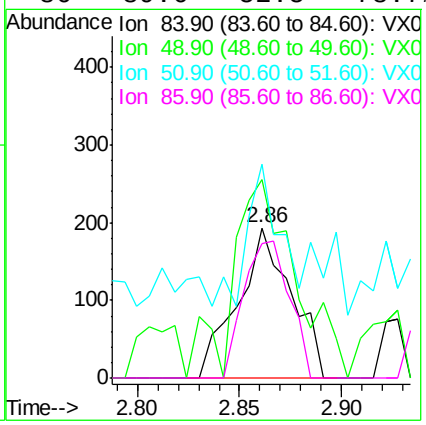


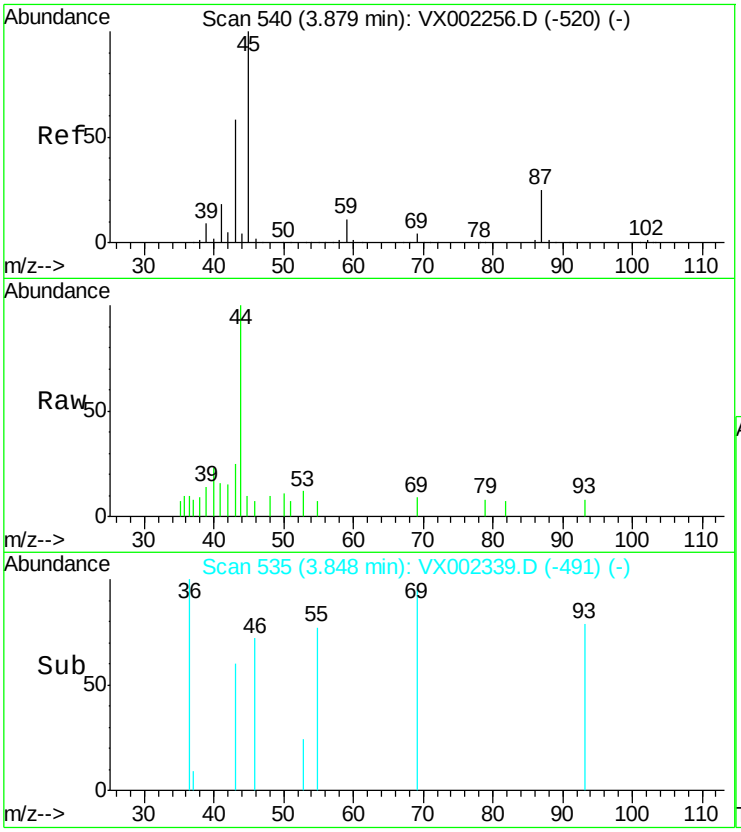


#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002339.D
Acq: 06 Jun 2018 07:04

Tgt Ion: 84 Resp: 354

Ion	Ratio	Lower	Upper
84	100		
49	132.6	107.8	161.6
51	76.7	32.8	49.2#
86	89.6	52.5	78.7#



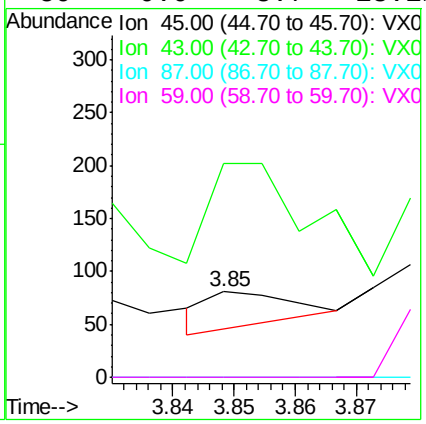


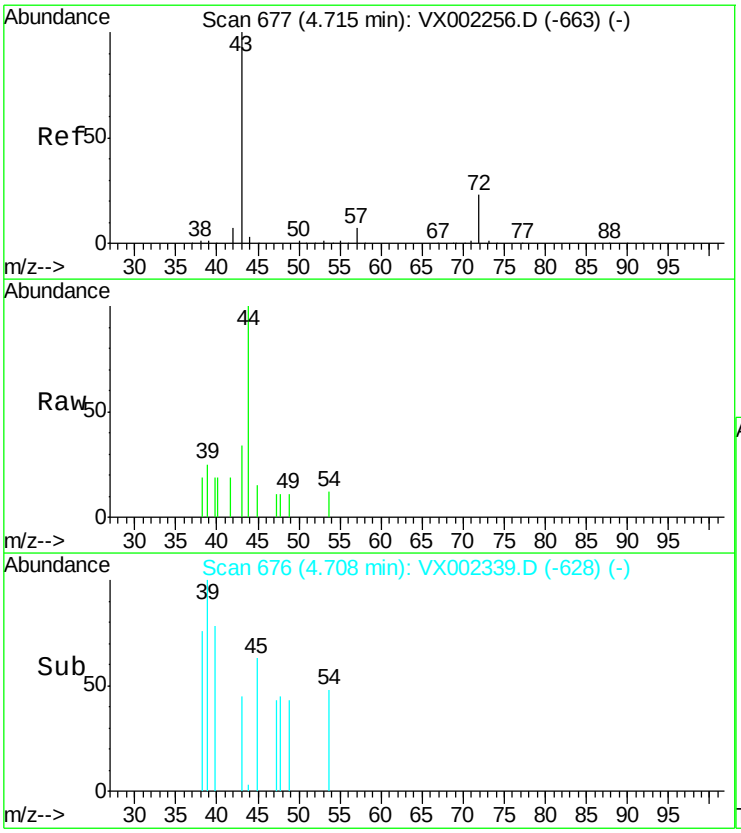
#22
Diisopropyl ether
Concen: Below Cal
RT: 3.85 min Scan# 535
Delta R.T. -0.03 min
Lab File: VX002339.D
Acq: 06 Jun 2018 07:04

Instrument : MSVOA_X
ClientSampleId : MW-21

Tgt Ion: 45 Resp: 31

Ion	Ratio	Lower	Upper
45	100		
43	522.2	46.8	70.2#
87	0.0	20.2	30.4#
59	0.0	8.7	13.1#

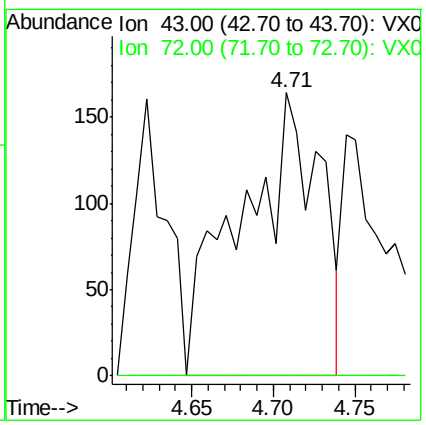


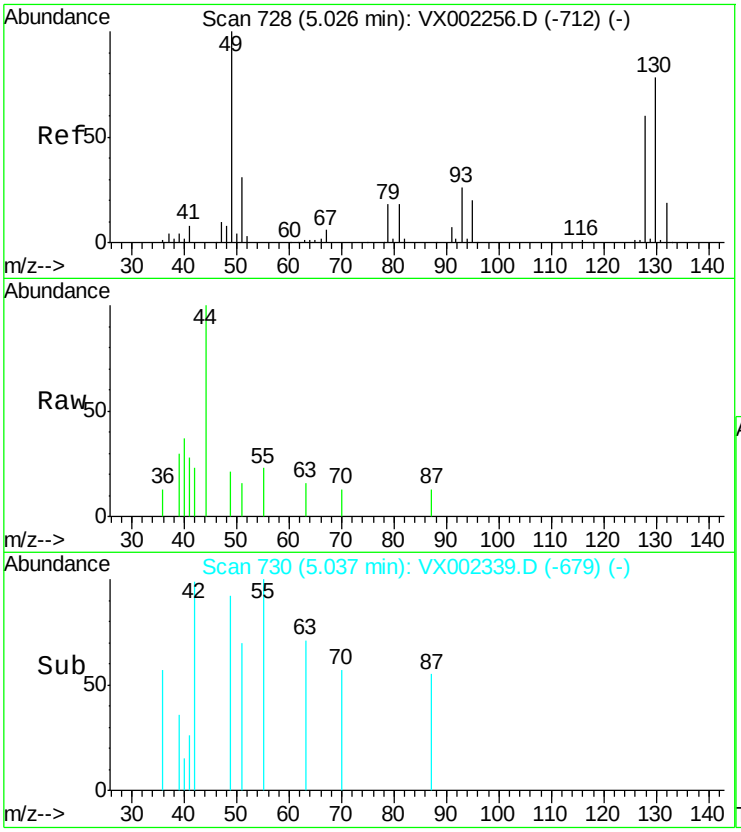


#25
2-Butanone
Concen: 0.24 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX002339.D
Acq: 06 Jun 2018 07:04

Tgt Ion: 43 Resp: 551

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.5	27.7#



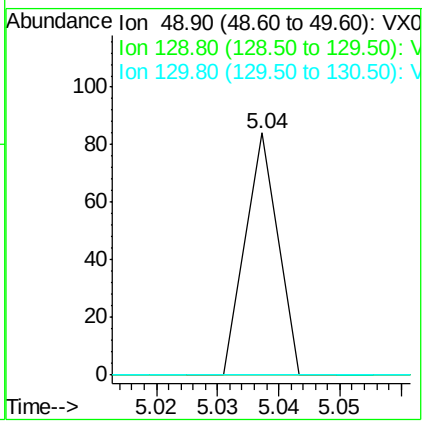


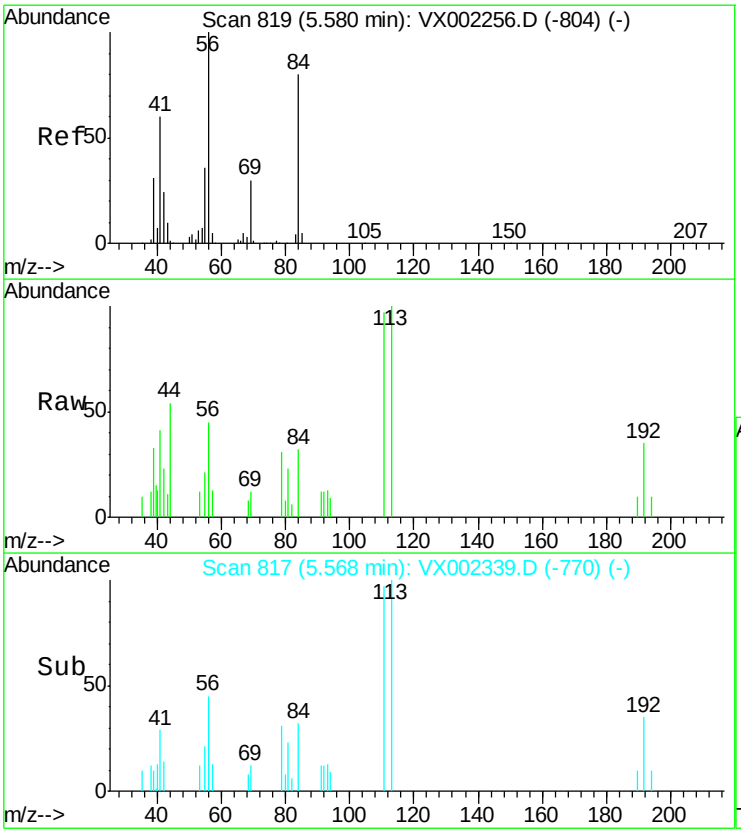
#28
Bromochloromethane
Concen: Below Cal
RT: 5.04 min Scan# 730
Delta R.T. 0.01 min
Lab File: VX002339.D
Acq: 06 Jun 2018 07:04

Instrument :
MSVOA_X
ClientSampleId :
MW-21

Tgt Ion: 49 Resp: 31

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	0.0	61.2	91.8#

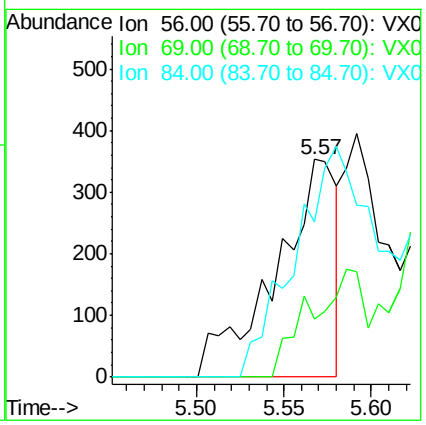


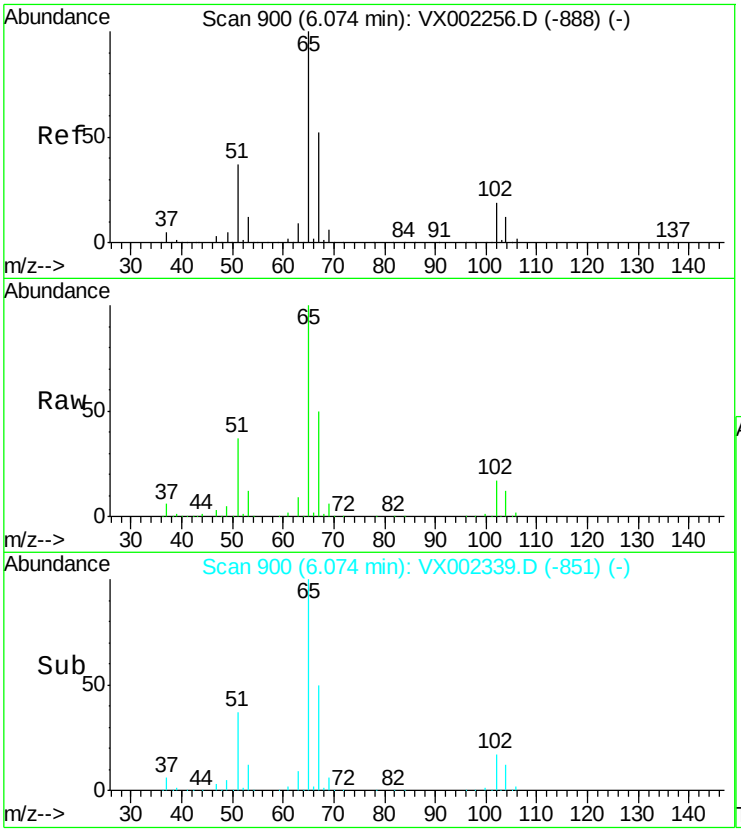


#31
Cyclohexane
Concen: 0.20 ug/l
RT: 5.57 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX002339.D
Acq: 06 Jun 2018 07:04

Tgt Ion: 56 Resp: 853

Ion	Ratio	Lower	Upper
56	100		
69	26.9	23.7	35.5
84	71.1	64.1	96.1



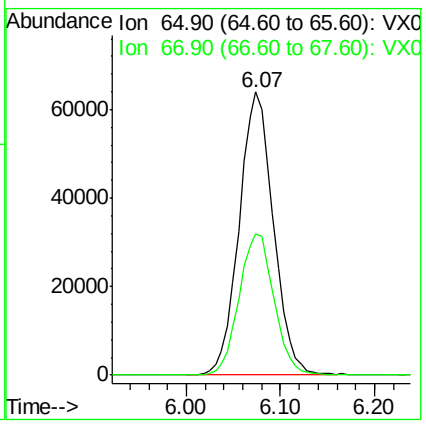


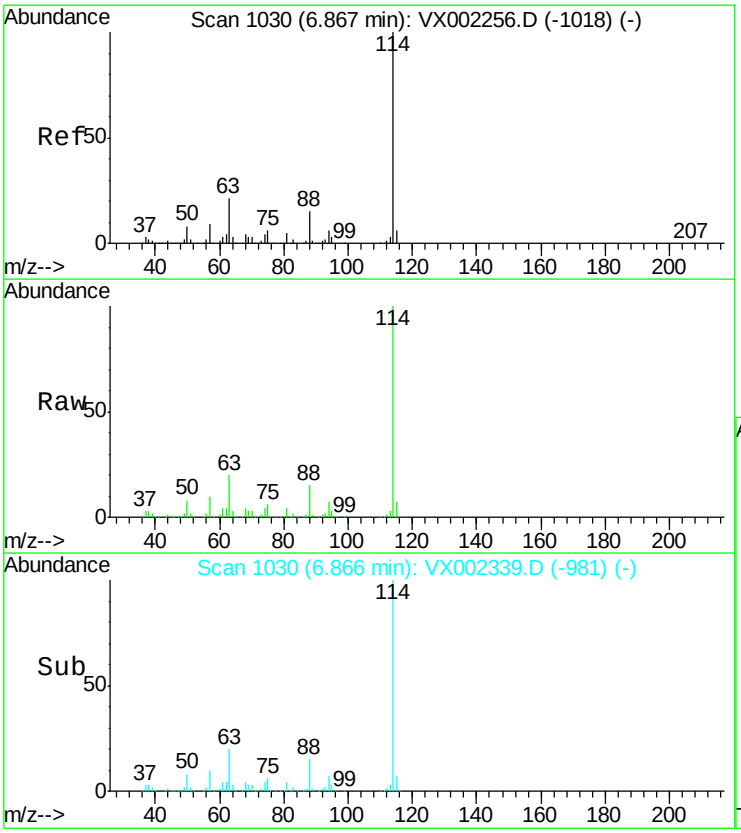
#33
1,2-Dichloroethane-d4
Concen: 48.35 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002339.D
Acq: 06 Jun 2018 07:04

Instrument : MSVOA_X
ClientSampleId : MW-21

Tgt Ion: 65 Resp: 162833

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	102.6

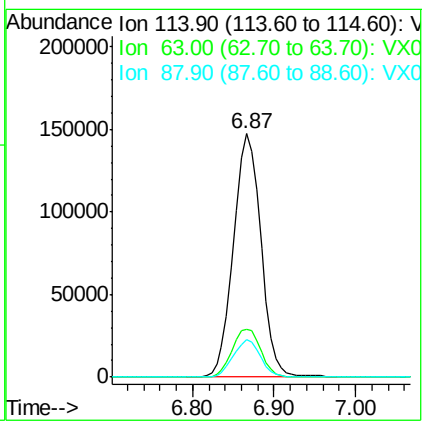


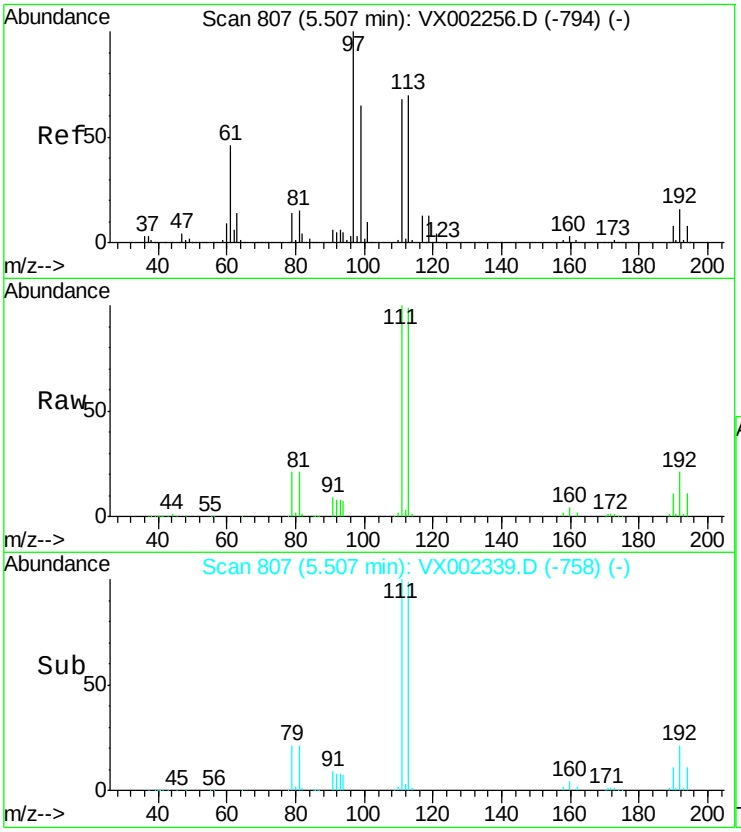


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002339.D
Acq: 06 Jun 2018 07:04

Tgt Ion:114 Resp: 344200

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	41.4
88	15.3	0.0	30.0



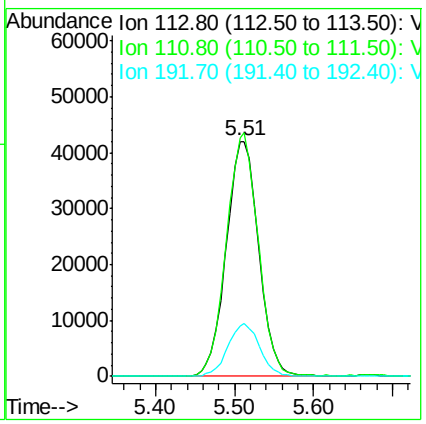


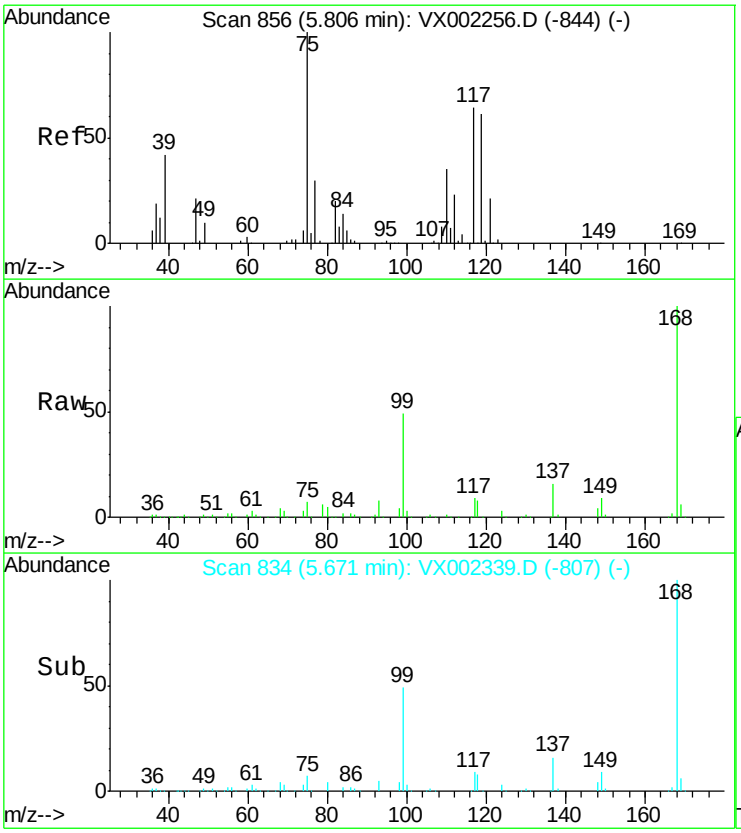
#35
Dibromofluoromethane
Concen: 44.40 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002339.D
Acq: 06 Jun 2018 07:04

Instrument :
MSVOA_X
ClientSampleId :
MW-21

Tgt Ion:113 Resp: 120196

Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.4	122.0
192	22.1	19.1	28.7

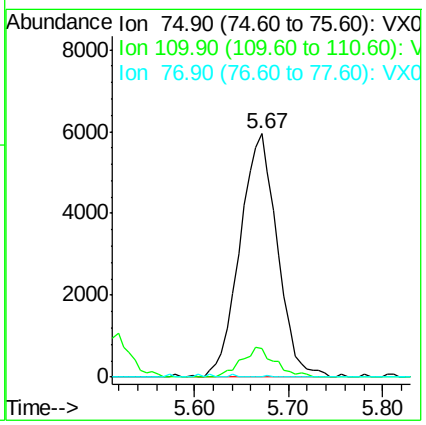


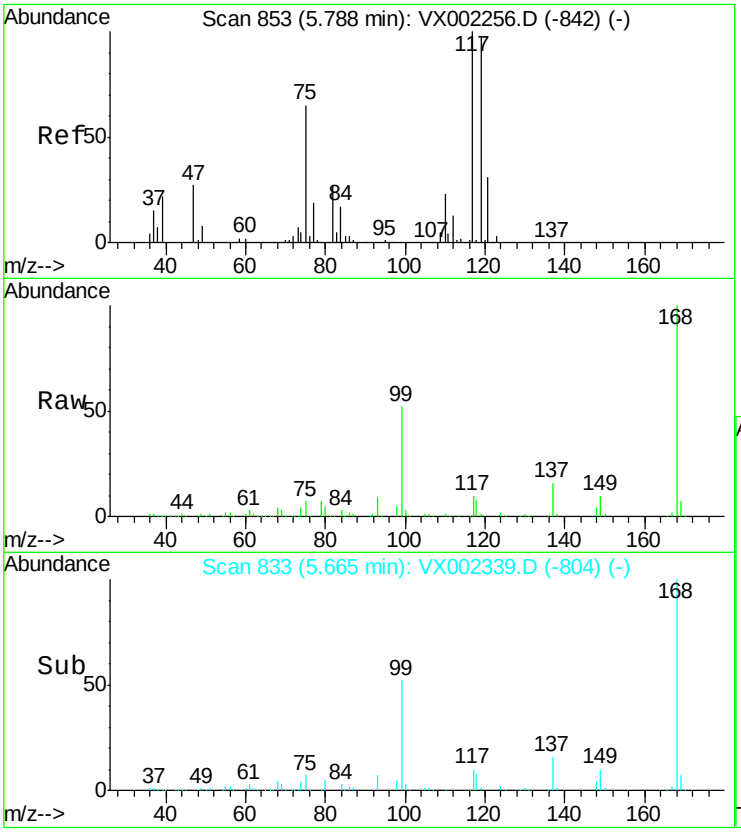


#36
1,1-Dichloropropene
Concen: 4.53 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX002339.D
Acq: 06 Jun 2018 07:04

Tgt Ion: 75 Resp: 16405

Ion	Ratio	Lower	Upper
75	100		
110	11.1	18.1	54.4#
77	0.1	24.3	36.5#



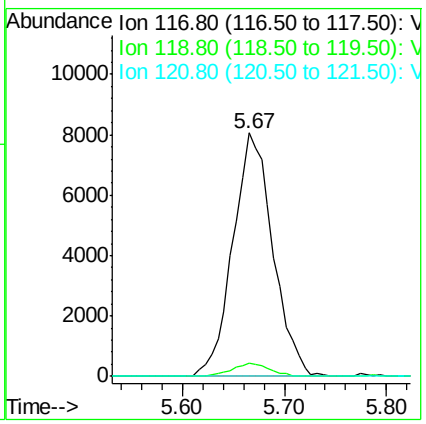


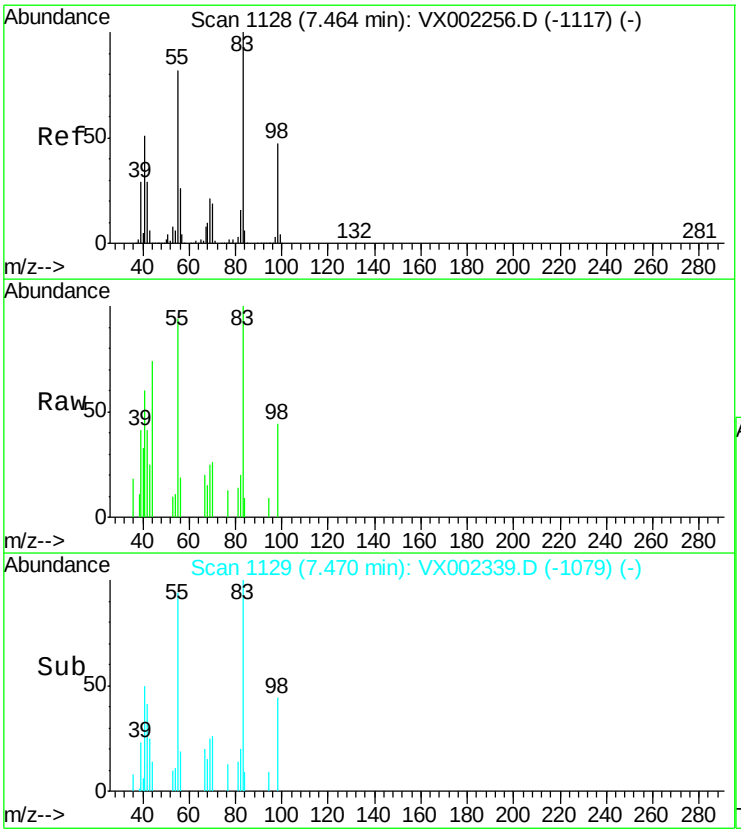
#38
Carbon Tetrachloride
Concen: 5.78 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002339.D
Acq: 06 Jun 2018 07:04

Instrument :
MSVOA_X
ClientSampleId :
MW-21

Tgt Ion:117 Resp: 21866

Ion	Ratio	Lower	Upper
117	100		
119	5.4	77.4	116.0#
121	0.0	24.4	36.6#

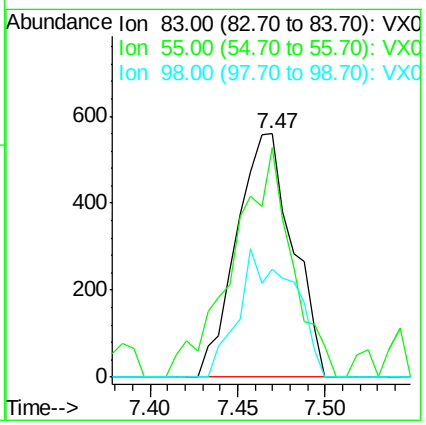


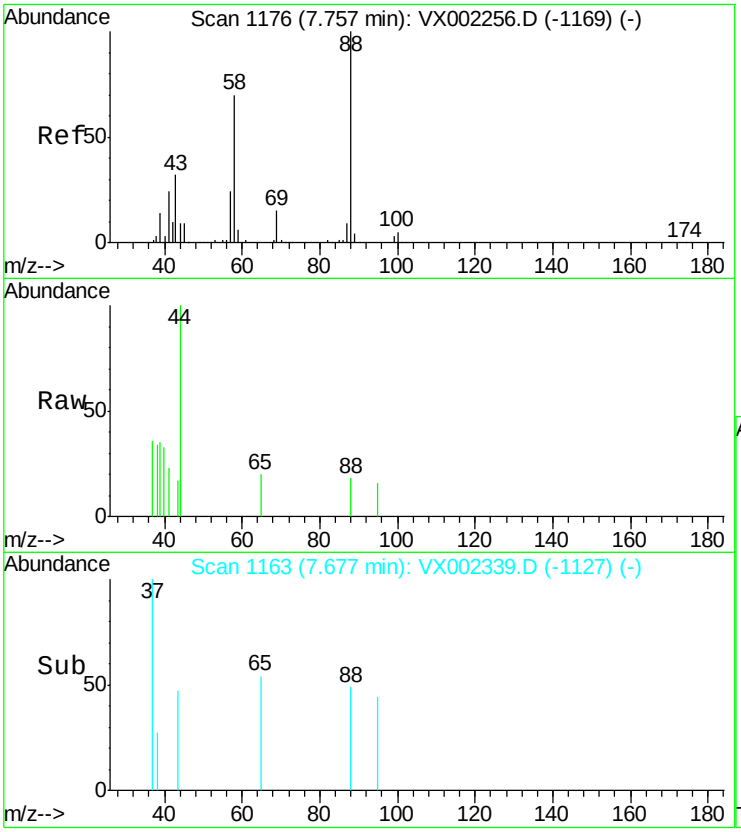


#39
Methylcyclohexane
Concen: 0.54 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX002339.D
Acq: 06 Jun 2018 07:04

Tgt Ion: 83 Resp: 1251

Ion	Ratio	Lower	Upper
83	100		
55	94.1	65.4	98.0
98	44.1	37.4	56.0



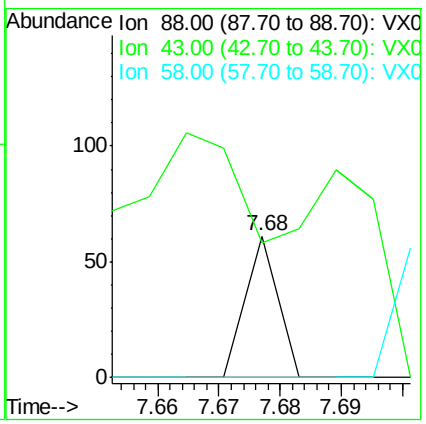


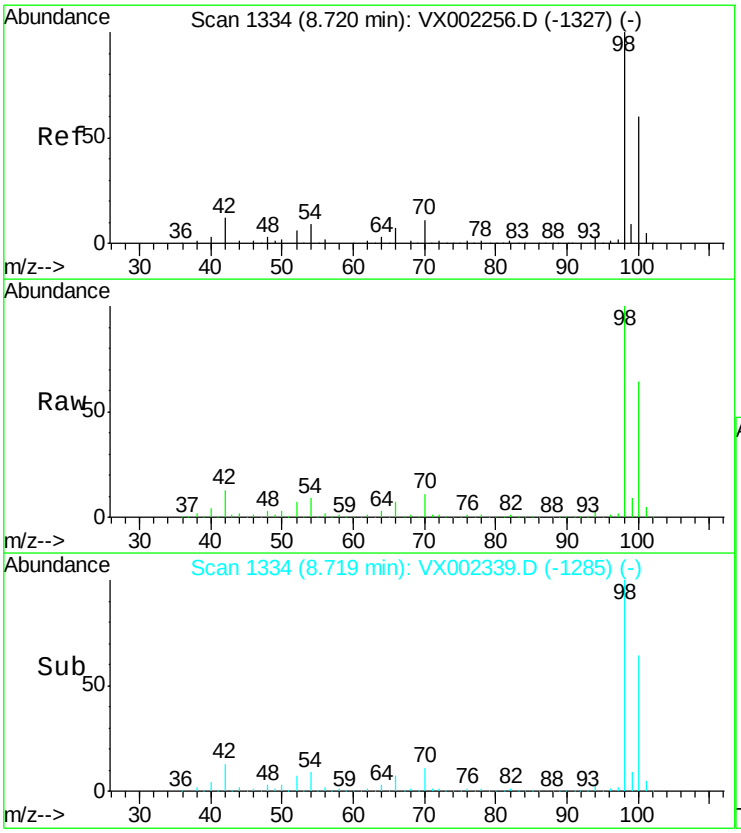
#49
1,4-Dioxane
Concen: 0.32 ug/l
RT: 7.68 min Scan# 1163
Delta R.T. -0.08 min
Lab File: VX002339.D
Acq: 06 Jun 2018 07:04

Instrument : MSVOA_X
ClientSampleId : MW-21

Tgt Ion: 88 Resp: 22

Ion	Ratio	Lower	Upper
88	100		
43	781.8	29.8	44.6#
58	0.0	57.1	85.7#

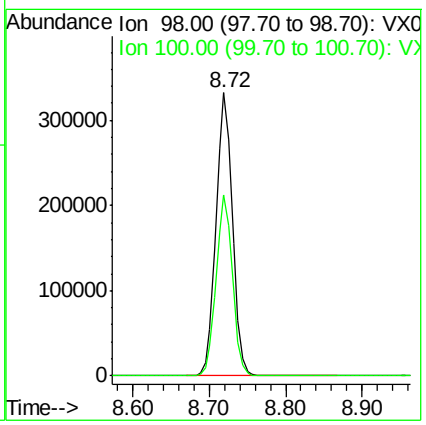


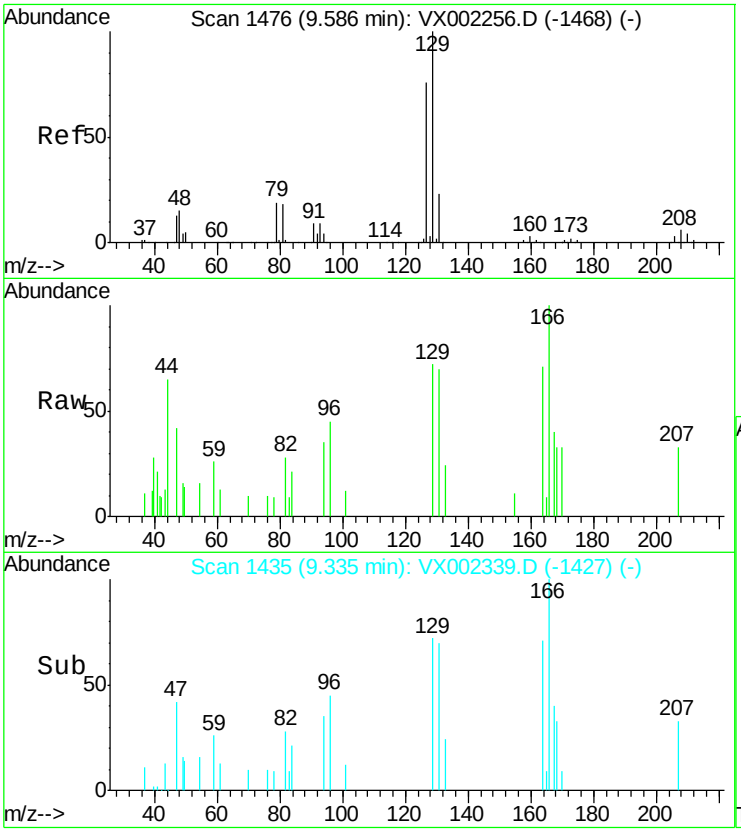


#50
Toluene-d8
Concen: 47.69 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002339.D
Acq: 06 Jun 2018 07:04

Tgt Ion: 98 Resp: 494804

Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.9	76.3



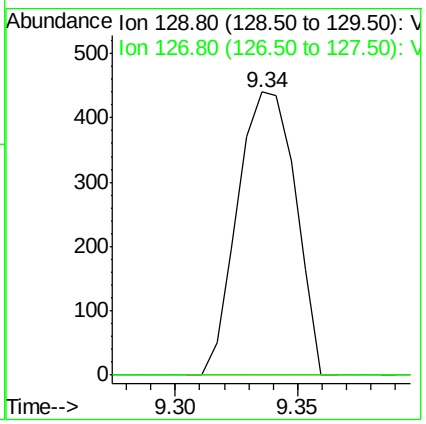


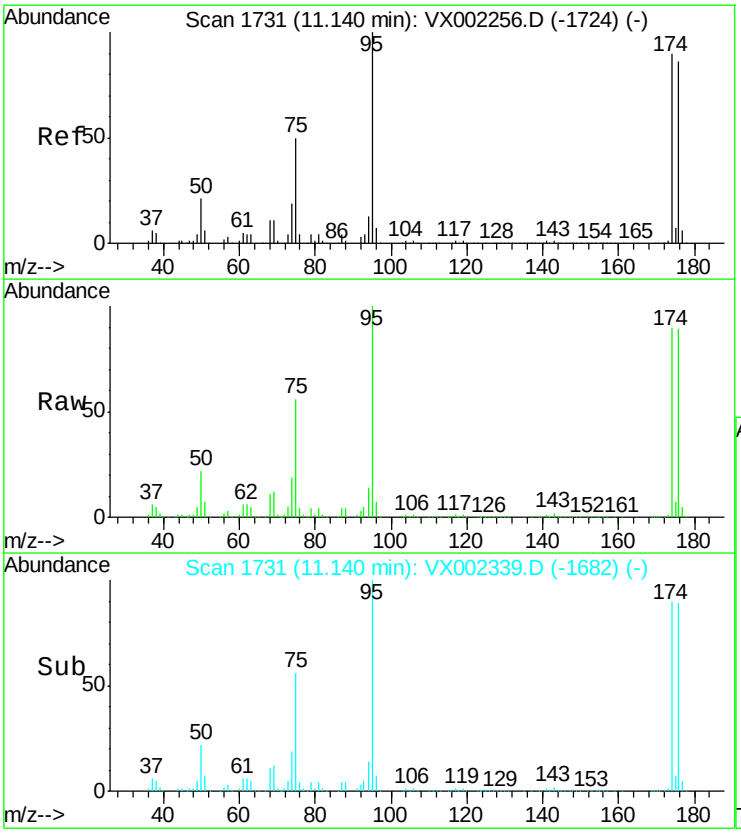
#60
Dibromochloromethane
Concen: 0.25 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.25 min
Lab File: VX002339.D
Acq: 06 Jun 2018 07:04

Instrument : MSVOA_X
ClientSampleId : MW-21

Tgt Ion:129 Resp: 728

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.5	115.3#

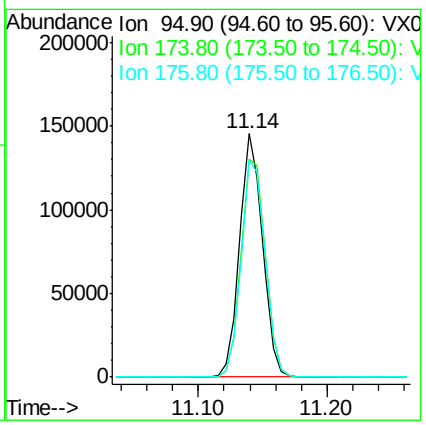


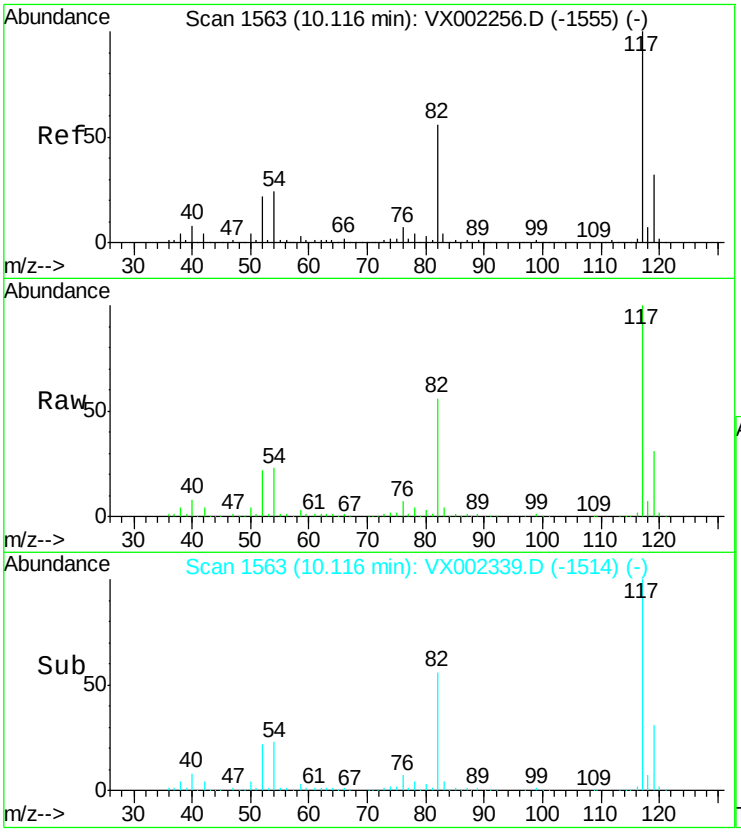


#62
4-Bromofluorobenzene
Concen: 44.65 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002339.D
Acq: 06 Jun 2018 07:04

Tgt Ion: 95 Resp: 178635

Ion	Ratio	Lower	Upper
95	100		
174	95.0	0.0	187.4
176	92.5	0.0	181.0



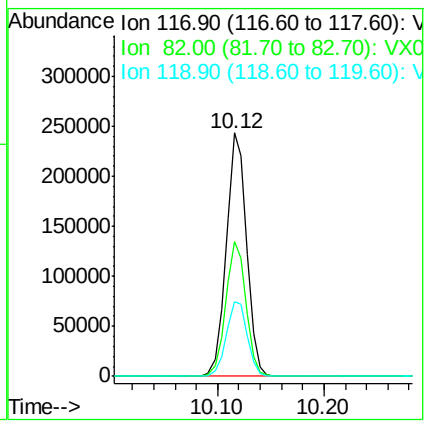


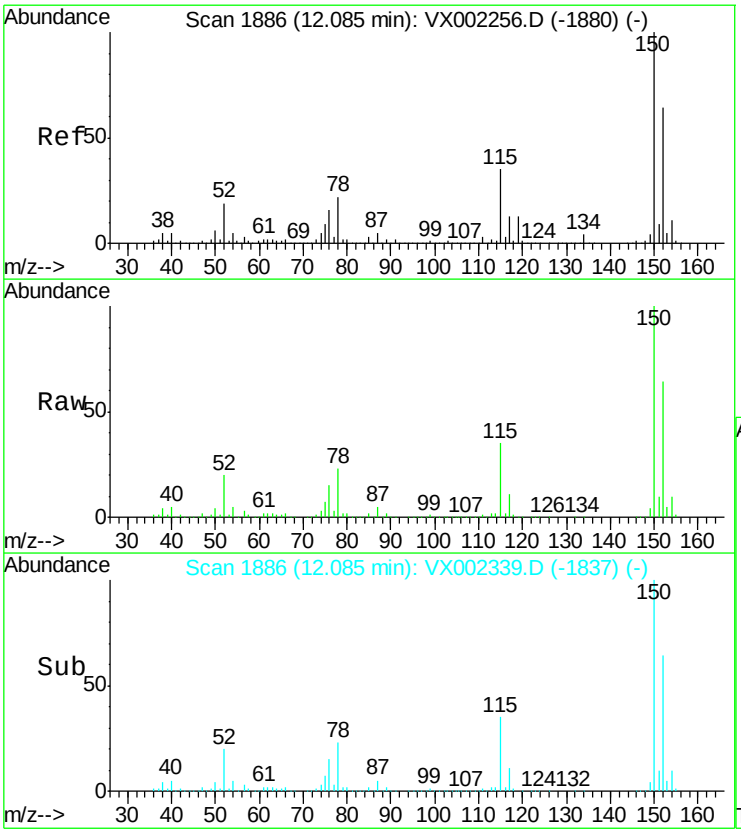
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002339.D
Acq: 06 Jun 2018 07:04

Instrument :
MSVOA_X
ClientSampleId :
MW-21

Tgt Ion:117 Resp: 325552

Ion	Ratio	Lower	Upper
117	100		
82	55.5	45.0	67.4
119	30.9	25.8	38.6

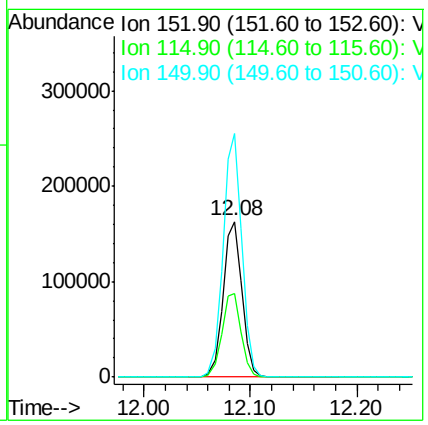


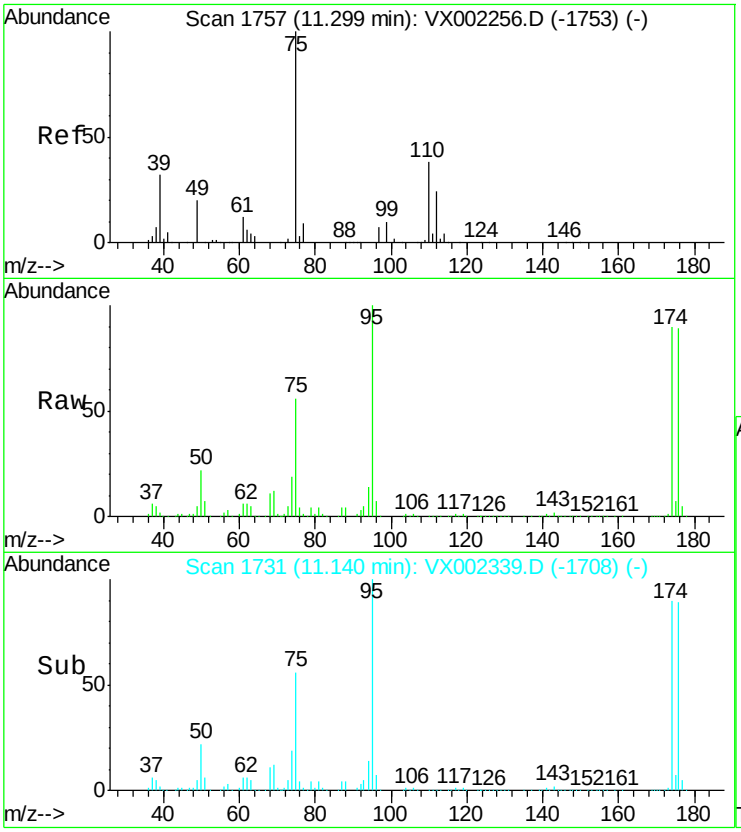


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002339.D
Acq: 06 Jun 2018 07:04

Tgt Ion:152 Resp: 199921

Ion	Ratio	Lower	Upper
152	100		
115	55.1	40.1	120.2
150	156.3	0.0	347.2



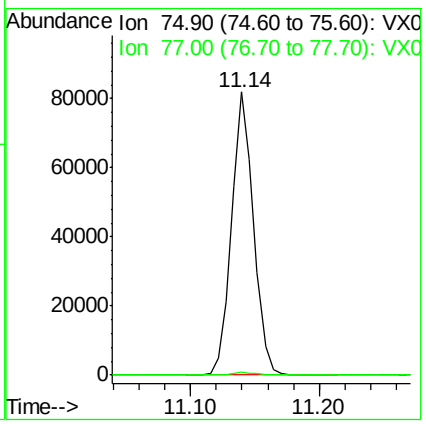


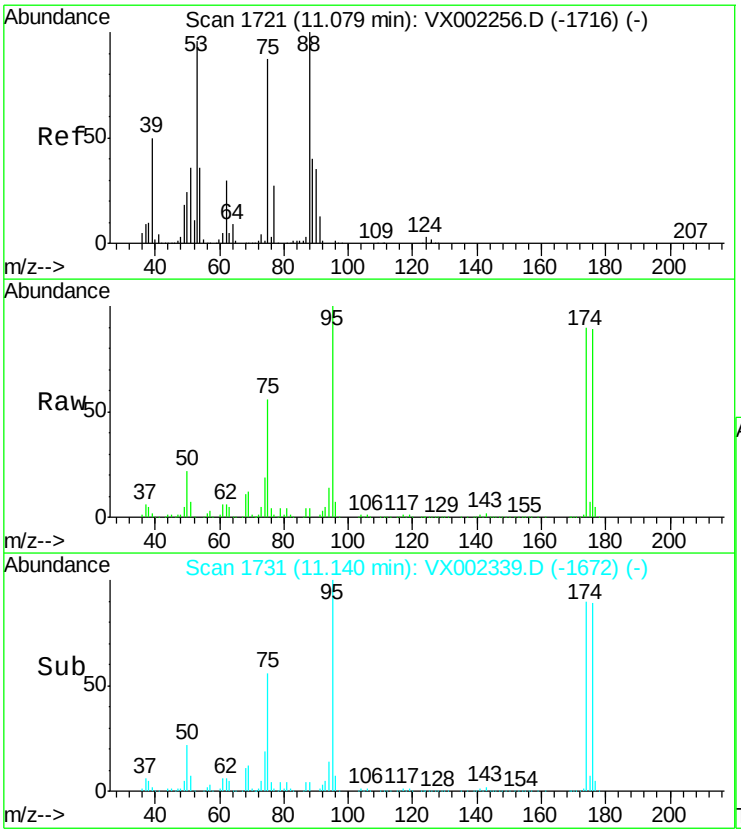
#76
1,2,3-Trichloropropane
Concen: 22.28 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002339.D
Acq: 06 Jun 2018 07:04

Instrument :
MSVOA_X
ClientSampleId :
MW-21

Tgt Ion: 75 Resp: 97753

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.8	68.3#

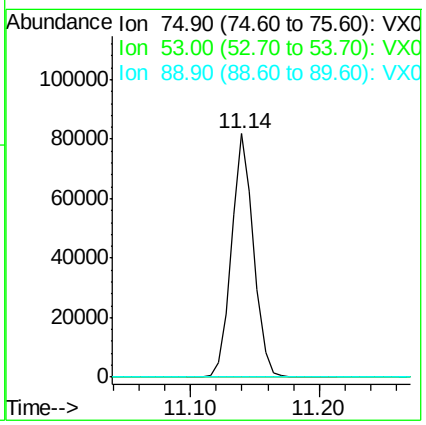


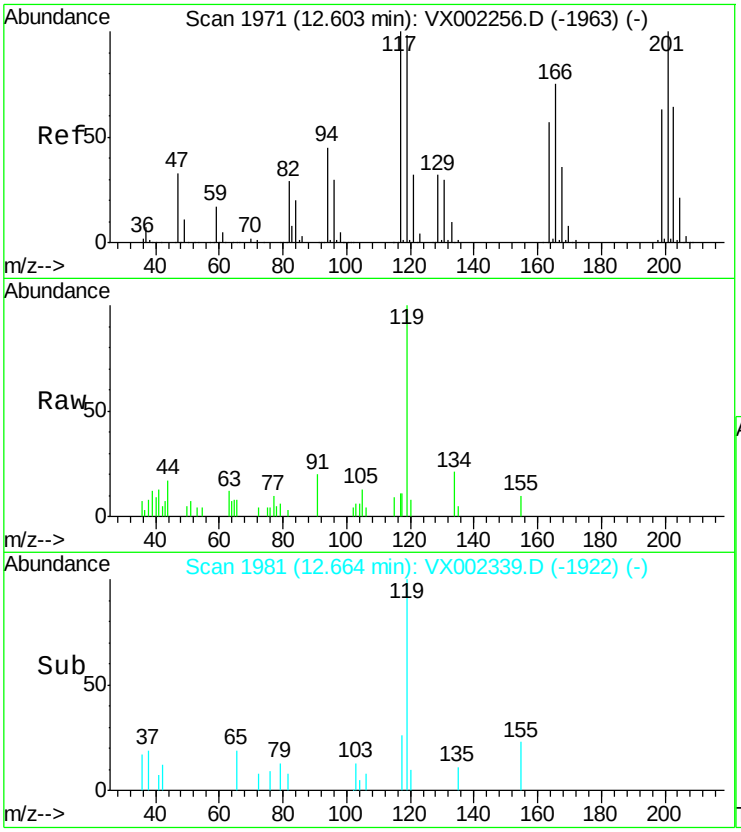


#81
trans-1,4-Dichloro-2-butene
Concen: 78.11 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002339.D
Acq: 06 Jun 2018 07:04

Tgt Ion: 75 Resp: 97753

Ion	Ratio	Lower	Upper
75	100		
53	0.0	86.8	130.2#
89	0.1	38.2	57.2#





#90
Hexachloroethane
Concen: 0.22 ug/l
RT: 12.66 min Scan# 1981
Delta R.T. 0.06 min
Lab File: VX002339.D
Acq: 06 Jun 2018 07:04

Instrument :
MSVOA_X
ClientSampleId :
MW-21

Tgt Ion:117 Resp: 443

Ion	Ratio	Lower	Upper
117	100		
201	0.0	49.0	147.0#