Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122418\
Data File : VX006794.D
Acq On : 24 Dec 2018 14:51
Operator : JC/MD
Sample : J6192-03ME
Misc : 6.86g/5mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : HD-01-122018

Quant Time: Dec 25 01:21:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	563264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	858422	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	788601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	413479	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	284542	46.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.74%			
35) Dibromofluoromethane	5.51	113	238446	43.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.84%			
50) Toluene-d8	8.71	98	998724	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.60%			
62) 4-Bromofluorobenzene	11.14	95	368860	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.42%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	2815	Below Cal	#	76
6) Chloroethane	1.68	64	1276	0.318	ug/l	98
11) Tert butyl alcohol	3.11	59	279	0.206	ug/l #	1
13) Acrolein	2.28	56	621	0.679	ug/l #	62
15) Acrylonitrile	3.15	53	741	0.246	ug/l #	29
16) Acetone	2.48	43	1984	0.711	ug/l #	58
18) Methyl Acetate	2.79	43	9053	1.104	ug/l	96
20) Methylene Chloride	2.85	84	5253	0.911	ug/l	90
25) 2-Butanone	4.74	43	1991	0.508	ug/l	93
28) Bromochloromethane	5.04	49	94	Below Cal	#	1
29) Tetrahydrofuran	5.18	42	534	0.207	ug/l #	77
36) 1,1-Dichloropropene	5.66	75	35831	5.040	ug/l #	50
38) Carbon Tetrachloride	5.65	117	50706	7.339	ug/l #	15
49) 1,4-Dioxane	7.74	88	106	Below Cal	#	1
60) Dibromochloromethane	9.62	129	69	2.335	ug/l	80
71) Bromoform	10.71	173	116	4.482	ug/l #	28
76) 1,2,3-Trichloropropane	11.14	75	174992	22.773	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.14	75	174992	67.671	ug/l #	10
90) Hexachloroethane	12.45	117	26	3.299	ug/l	82
95) Naphthalene	13.83	128	15787	0.520	ug/l	96

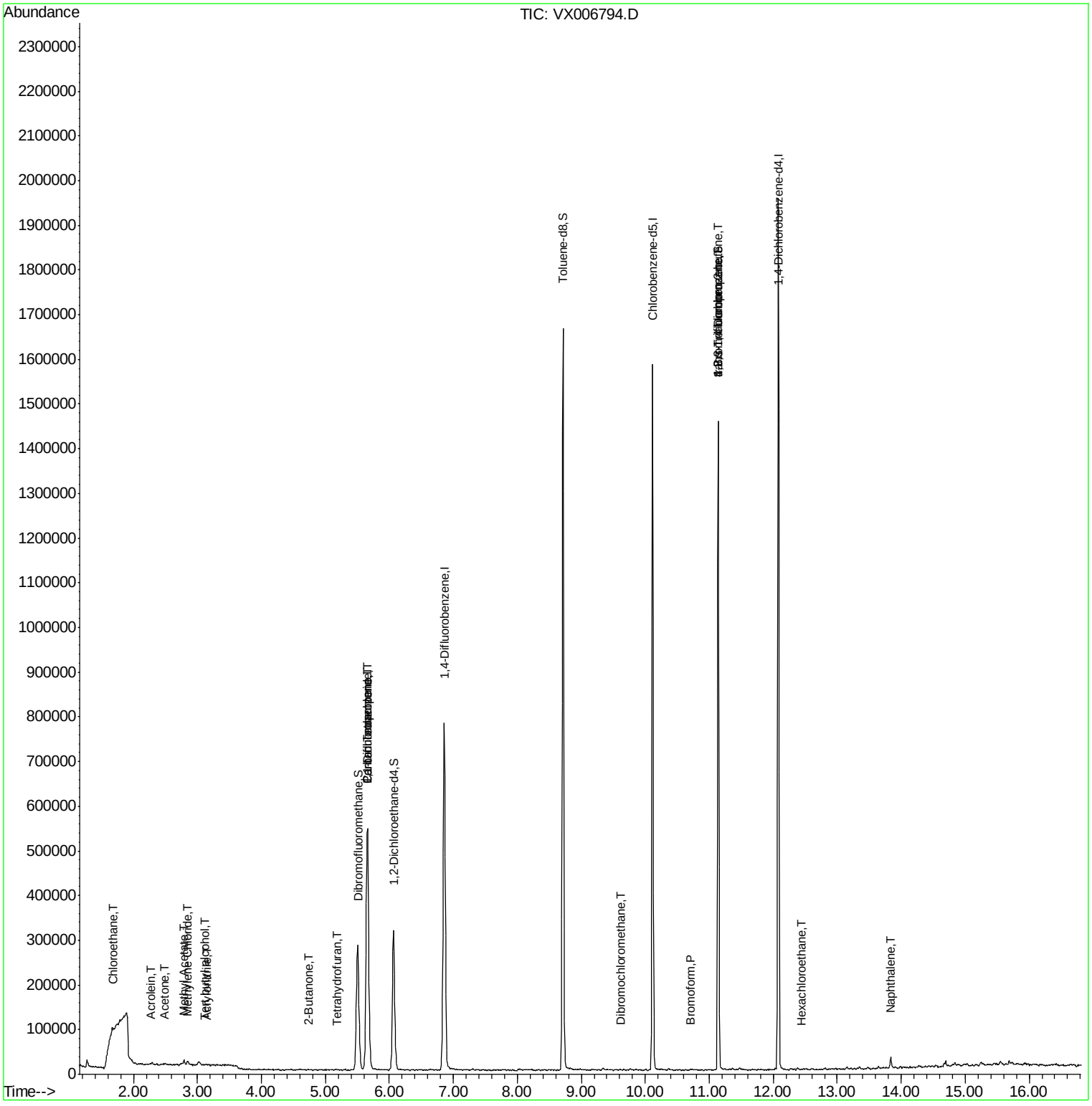
(#) = qualifier out of range (m) = manual integration (+) = signals summed

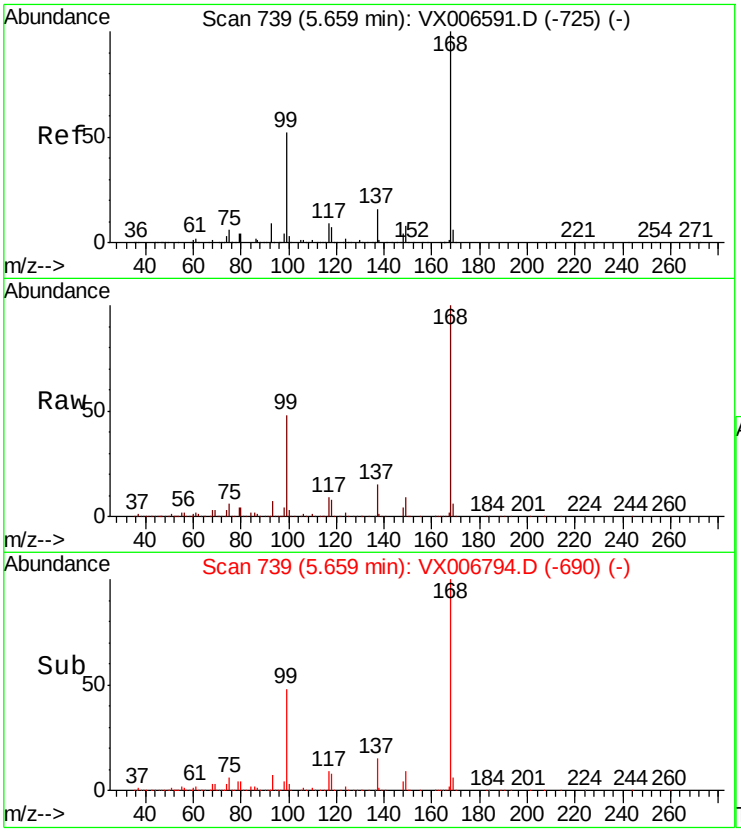
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122418\
Data File : VX006794.D
Acq On : 24 Dec 2018 14:51
Operator : JC/MD
Sample : J6192-03ME
Misc : 6.86g/5mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
HD-01-122018

Quant Time: Dec 25 01:21:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration



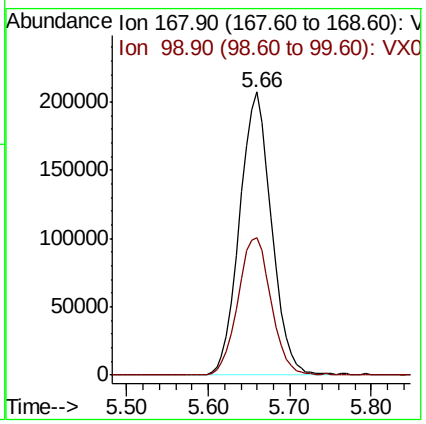


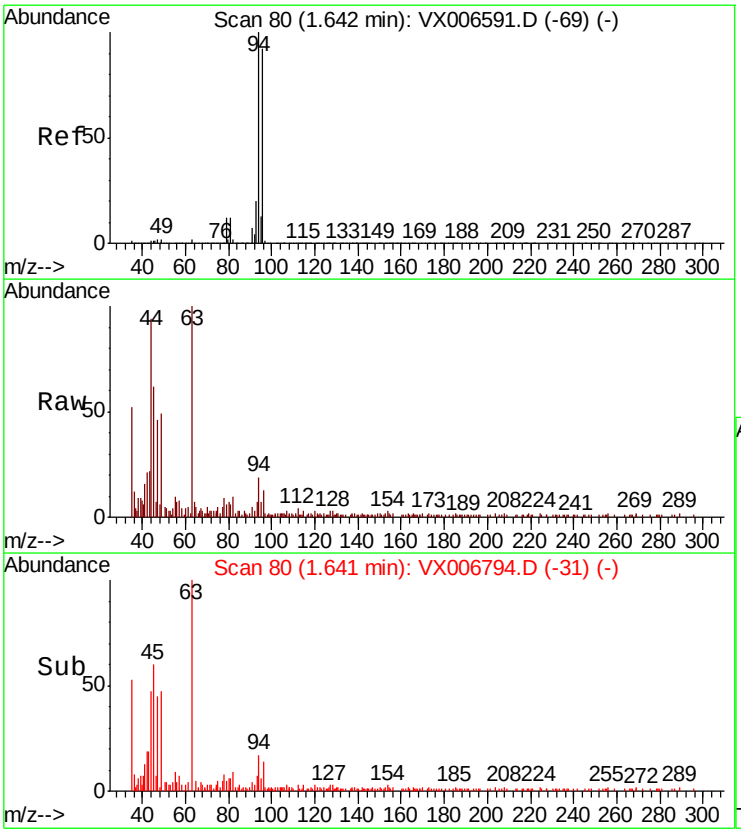
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.00 min
Lab File: VX006794.D
Acq: 24 Dec 2018 14:51

Instrument : MSVOA_X
ClientSampleId : HD-01-122018

Tgt Ion:168 Resp: 563264

Ion	Ratio	Lower	Upper
168	100		
99	48.3	41.8	62.8

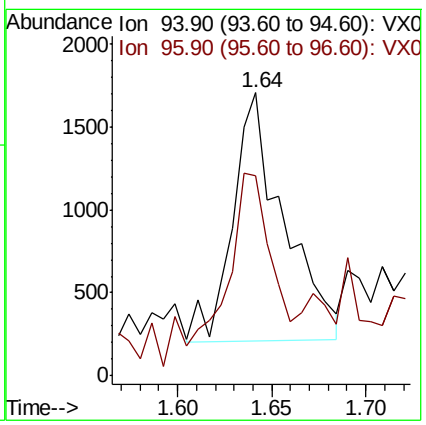


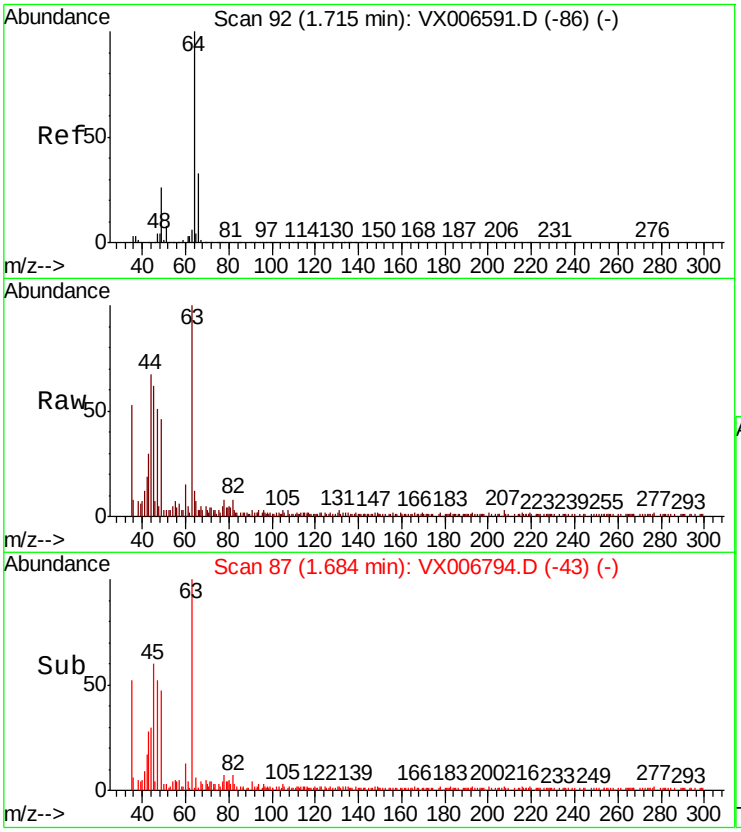


#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 80
Delta R.T. 0.00 min
Lab File: VX006794.D
Acq: 24 Dec 2018 14:51

Tgt Ion: 94 Resp: 2815

Ion	Ratio	Lower	Upper
94	100		
96	69.0	73.4	110.2#

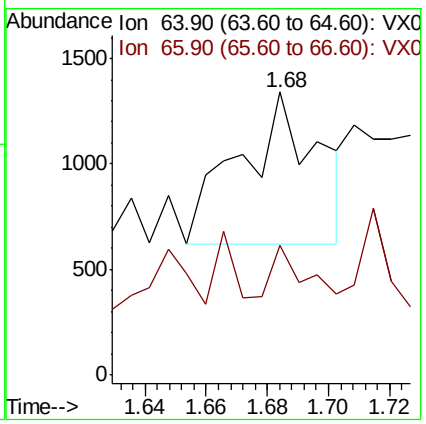




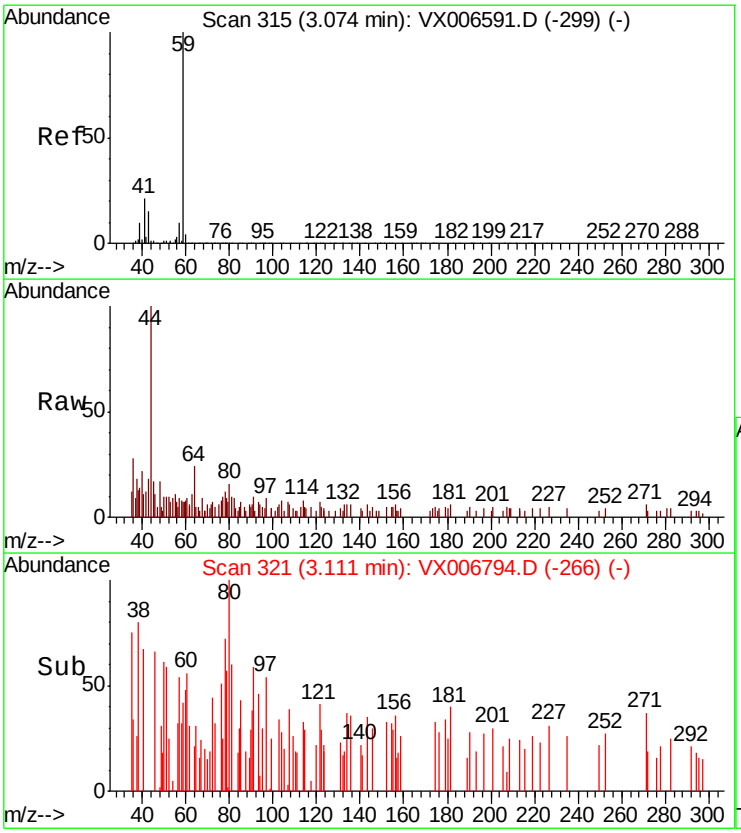
#6
Chloroethane
Concen: 0.318 ug/l
RT: 1.68 min Scan# 87
Delta R.T. -0.03 min
Lab File: VX006794.D
Acq: 24 Dec 2018 14:51

Tgt Ion: 64 Resp: 1276

Ion	Ratio	Lower	Upper
64	100		
66	31.6	26.4	39.6



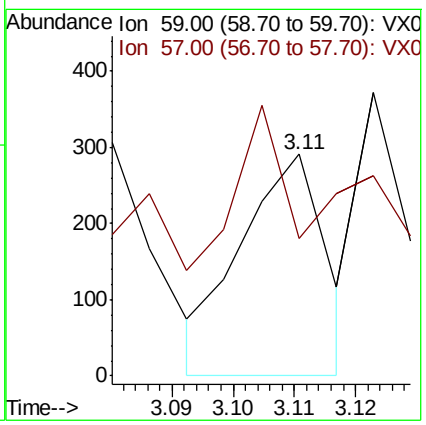
Instrument :
MSVOA_X
ClientSampleId :
HD-01-122018

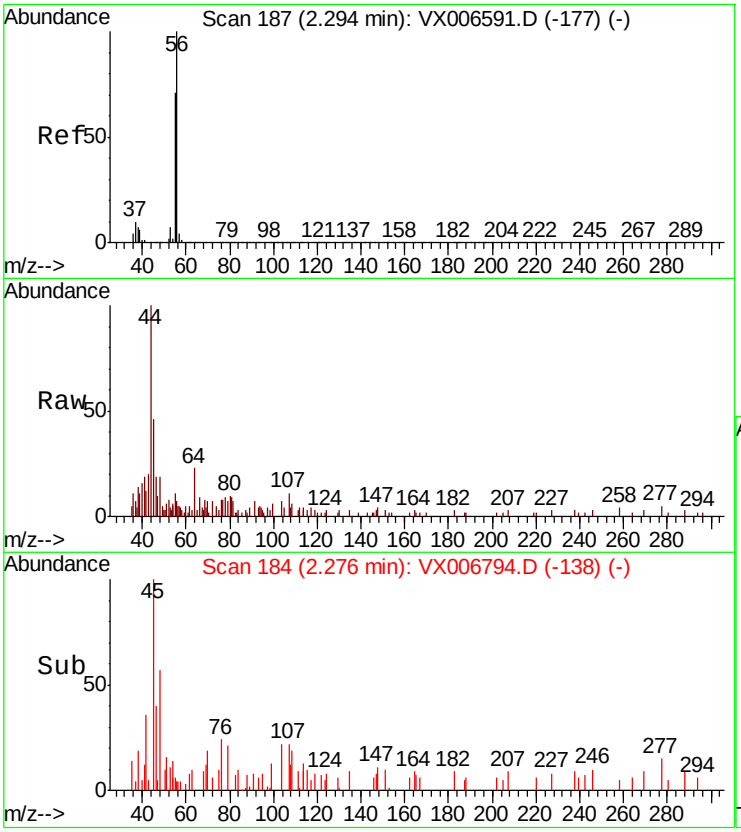


#11
Tert butyl alcohol
Concen: 0.206 ug/l
RT: 3.11 min Scan# 321
Delta R.T. 0.04 min
Lab File: VX006794.D
Acq: 24 Dec 2018 14:51

Tgt Ion: 59 Resp: 279

Ion	Ratio	Lower	Upper
59	100		
57	54.5	8.5	12.7#



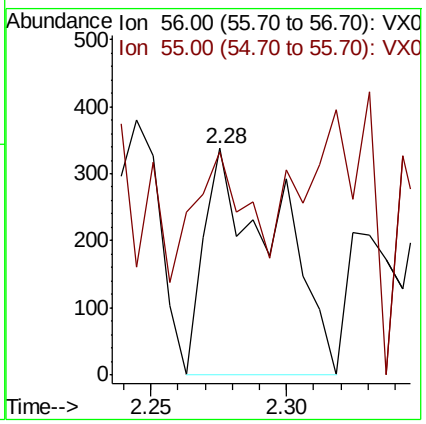


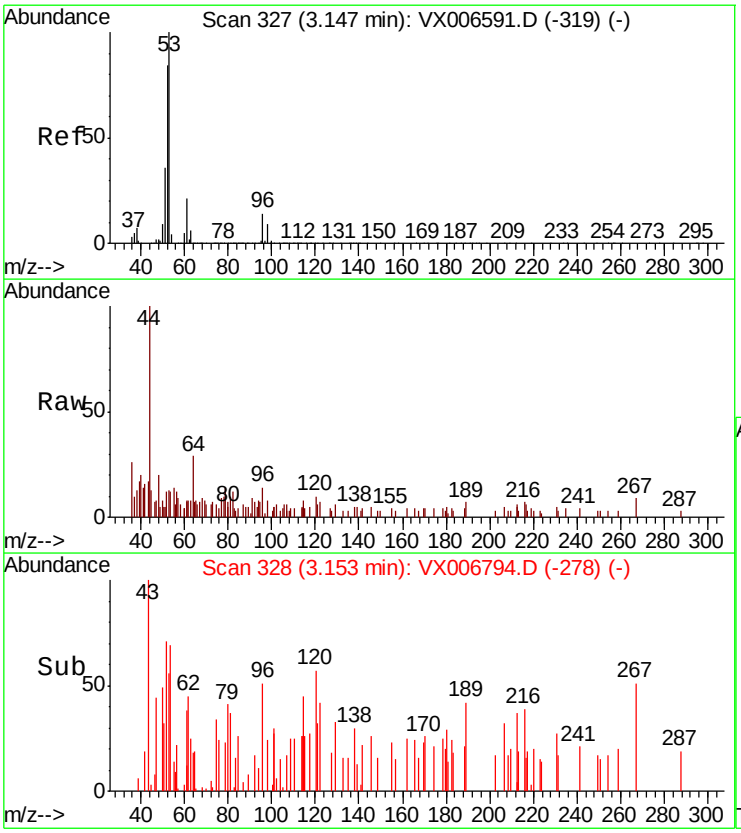
#13
Acrolein
Concen: 0.679 ug/l
RT: 2.28 min Scan# 184
Delta R.T. -0.02 min
Lab File: VX006794.D
Acq: 24 Dec 2018 14:51

Instrument : MSVOA_X
ClientSampleId : HD-01-122018

Tgt Ion: 56 Resp: 621

Ion	Ratio	Lower	Upper
56	100		
55	41.1	58.2	87.4#

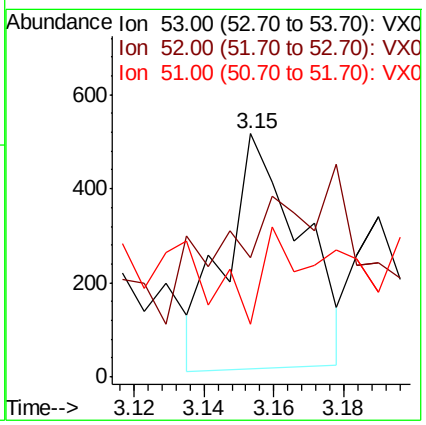


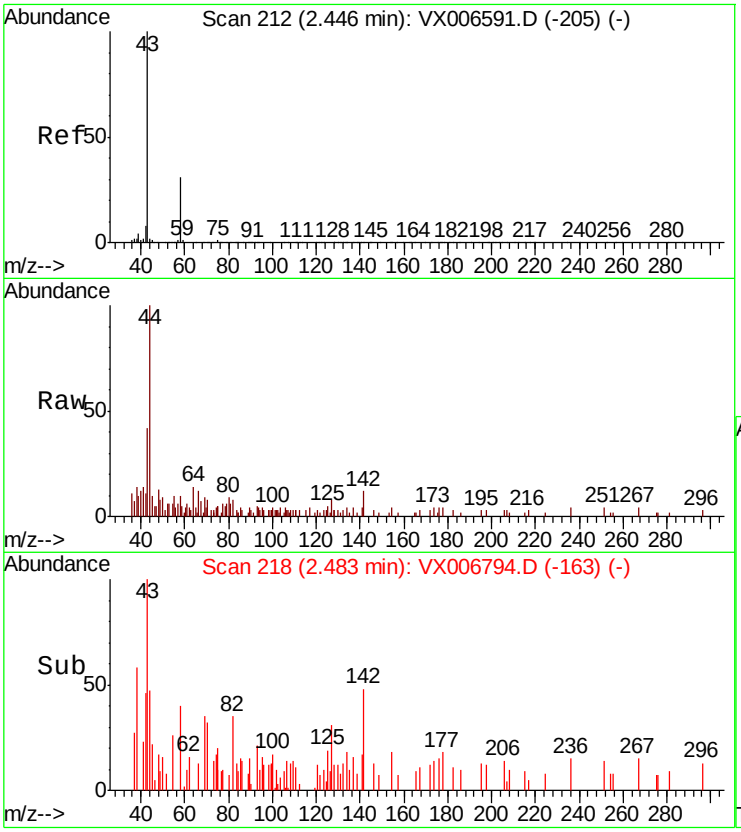


#15
Acrylonitrile
Concen: 0.246 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.01 min
Lab File: VX006794.D
Acq: 24 Dec 2018 14:51

Tgt Ion: 53 Resp: 741

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.0	99.0#
51	22.1	28.6	42.8#



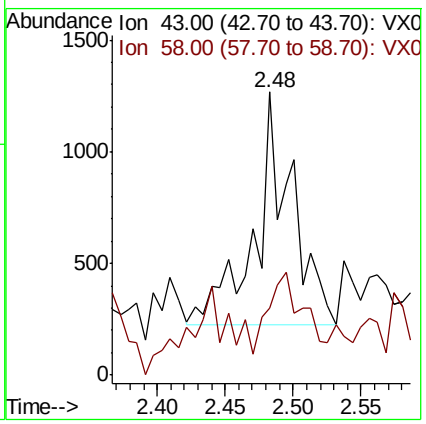


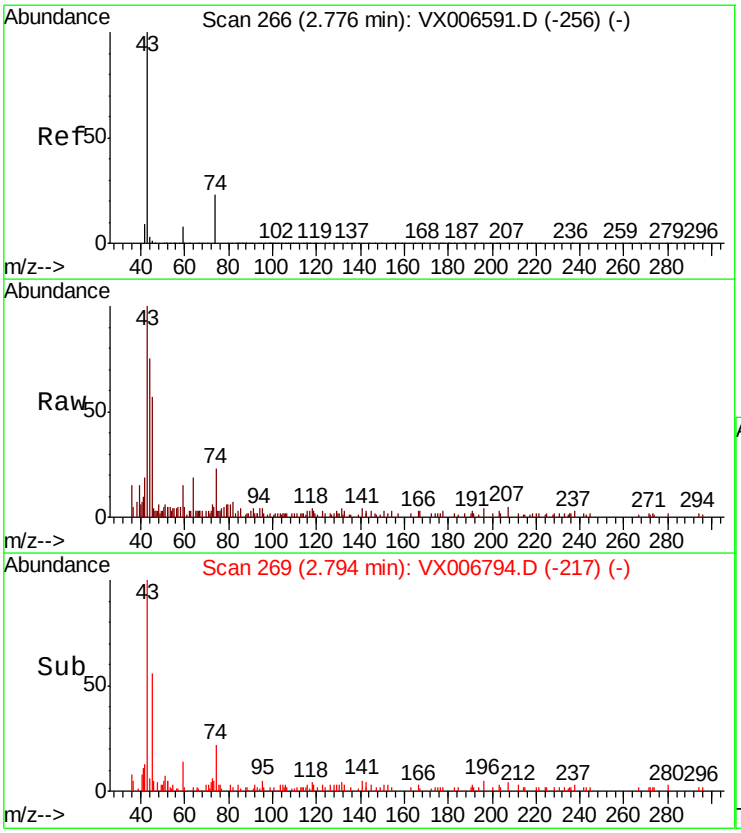
#16
Acetone
Concen: 0.711 ug/l
RT: 2.48 min Scan# 218
Delta R.T. 0.04 min
Lab File: VX006794.D
Acq: 24 Dec 2018 14:51

Instrument : MSVOA_X
ClientSampleId : HD-01-122018

Tgt Ion: 43 Resp: 1984

Ion	Ratio	Lower	Upper
43	100		
58	8.1	25.0	37.6#

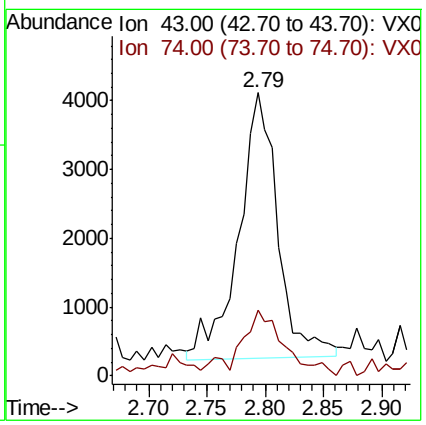


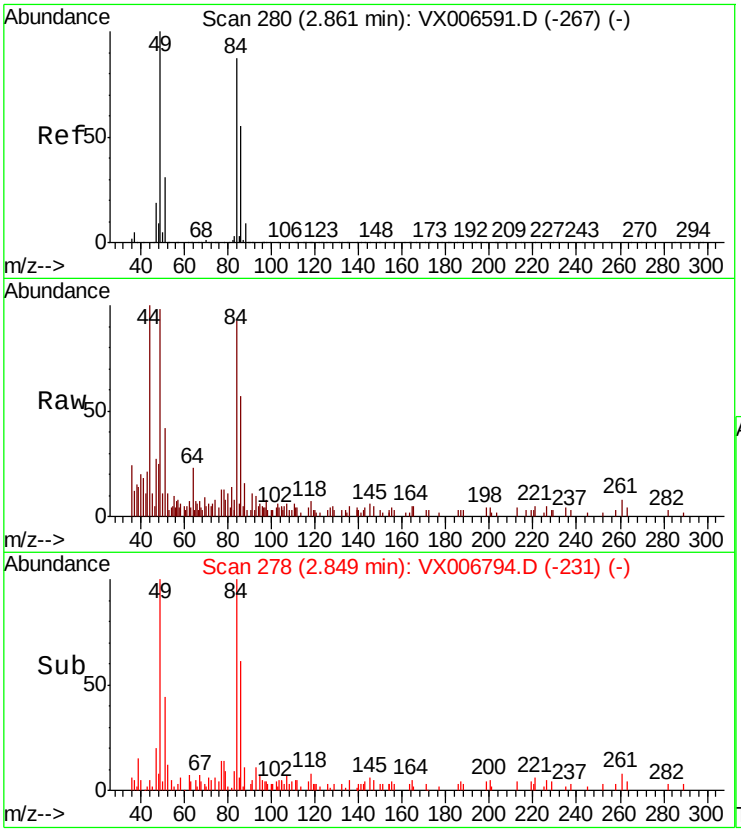


#18
Methyl Acetate
Concen: 1.104 ug/l
RT: 2.79 min Scan# 269
Delta R.T. 0.02 min
Lab File: VX006794.D
Acq: 24 Dec 2018 14:51

Tgt Ion: 43 Resp: 9053

Ion	Ratio	Lower	Upper
43	100		
74	25.2	18.6	28.0



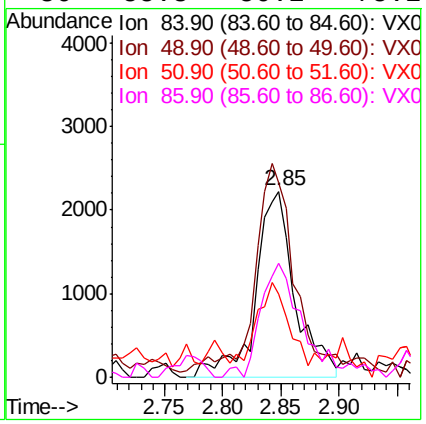


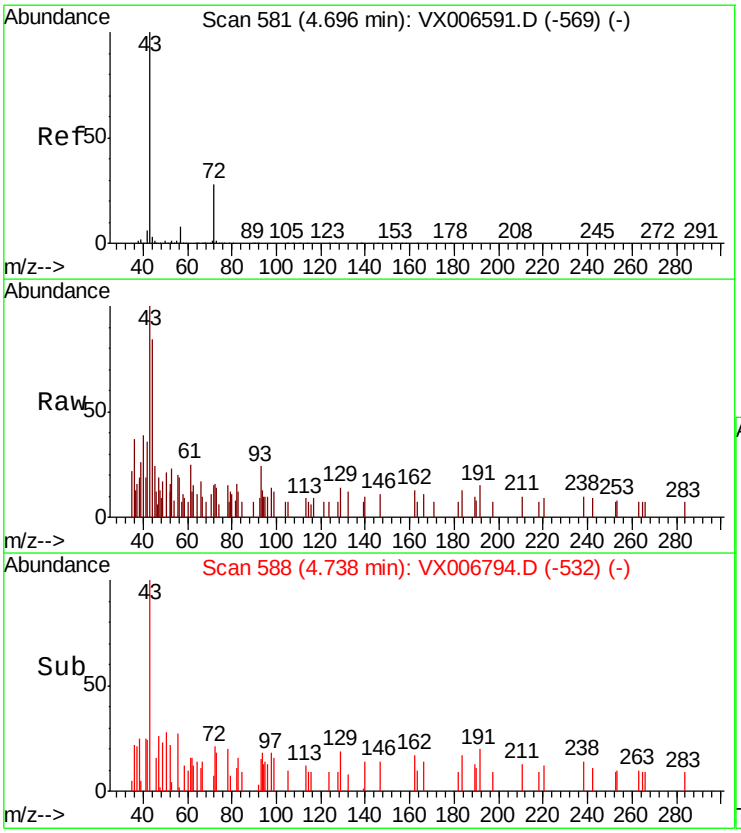
#20
Methylene Chloride
Concen: 0.911 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX006794.D
Acq: 24 Dec 2018 14:51

Instrument : MSVOA_X
ClientSampleId : HD-01-122018

Tgt Ion: 84 Resp: 5253

Ion	Ratio	Lower	Upper
84	100		
49	100.9	91.8	137.6
51	34.3	28.5	42.7
86	55.8	50.2	75.2

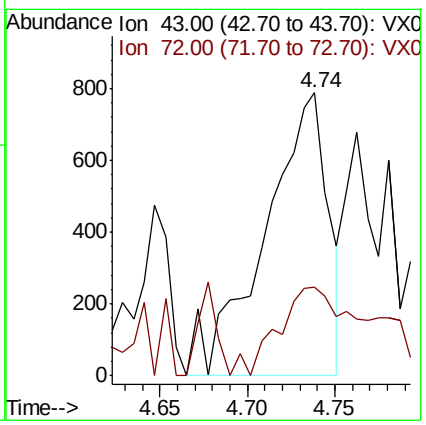


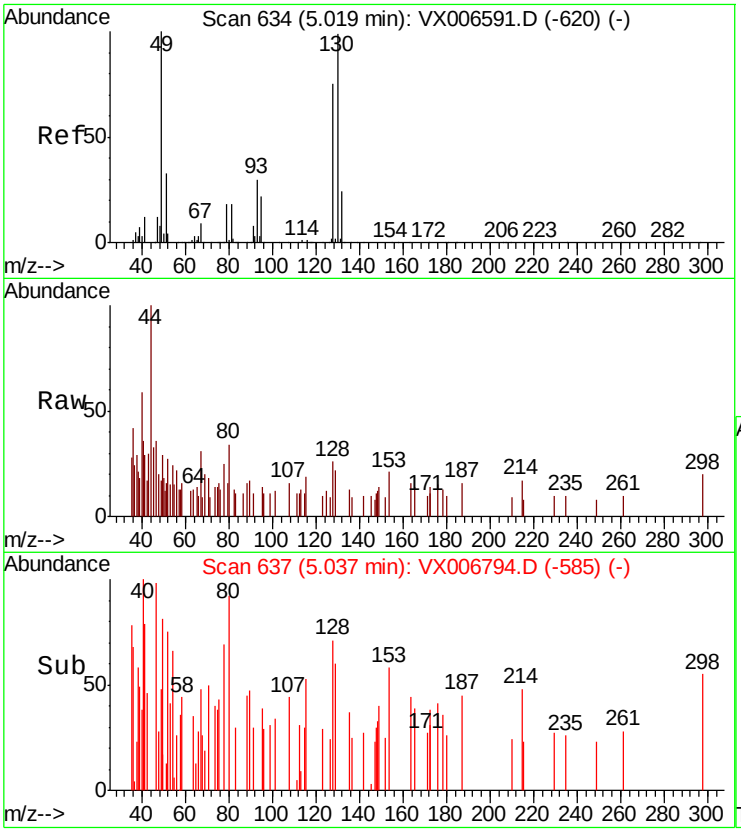


#25
2-Butanone
Concen: 0.508 ug/l
RT: 4.74 min Scan# 588
Delta R.T. 0.04 min
Lab File: VX006794.D
Acq: 24 Dec 2018 14:51

Tgt Ion: 43 Resp: 1991

Ion	Ratio	Lower	Upper
43	100		
72	31.5	22.4	33.6



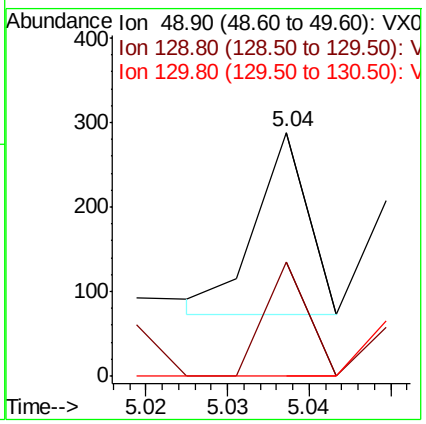


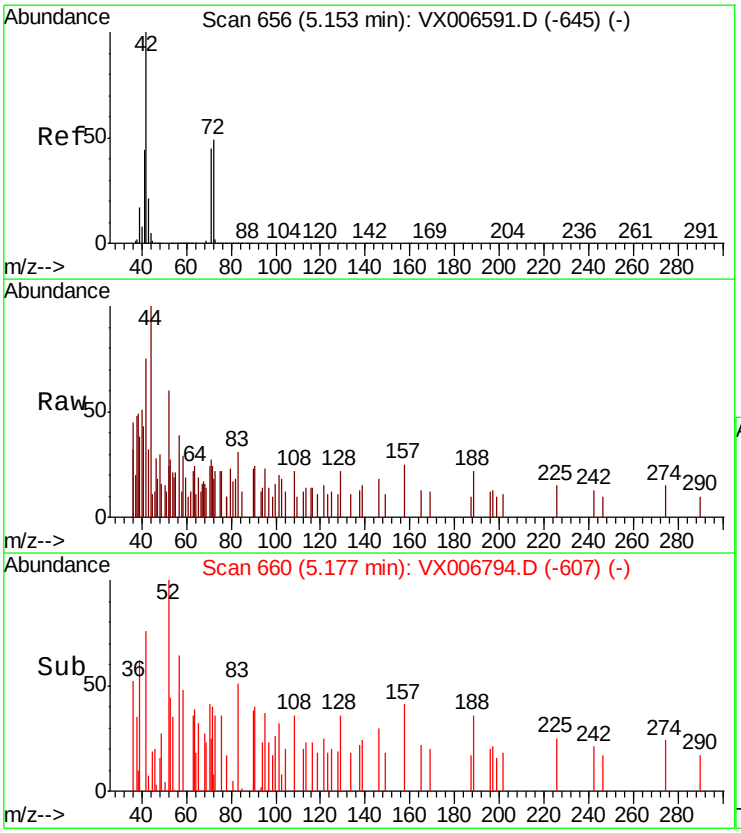
#28
Bromochloromethane
Concen: Below Cal
RT: 5.04 min Scan# 637
Delta R.T. 0.02 min
Lab File: VX006794.D
Acq: 24 Dec 2018 14:51

Instrument : MSVOA_X
ClientSampleId : HD-01-122018

Tgt Ion: 49 Resp: 94

Ion	Ratio	Lower	Upper
49	100		
129	101.1	0.0	5.4#
130	0.0	77.7	116.5#

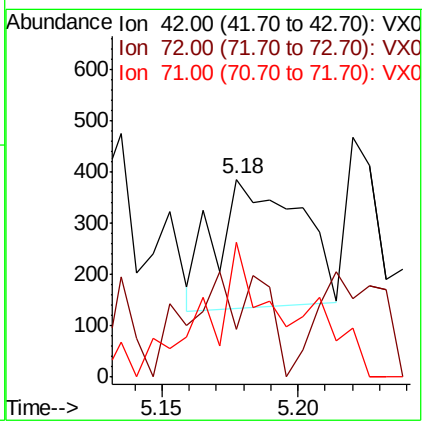


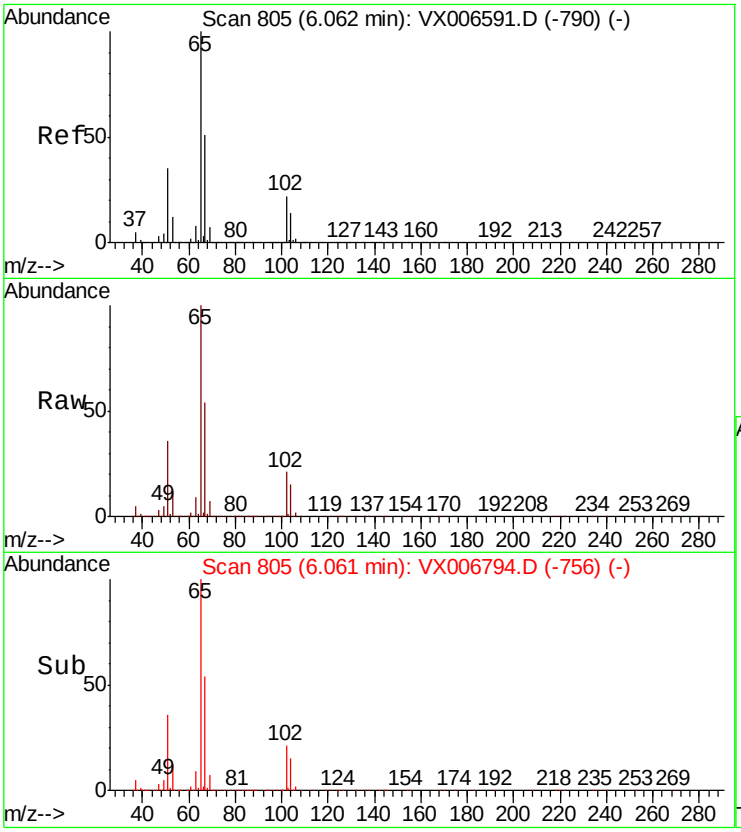


#29
Tetrahydrofuran
Concen: 0.207 ug/l
RT: 5.18 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX006794.D
Acq: 24 Dec 2018 14:51

Tgt Ion: 42 Resp: 534

Ion	Ratio	Lower	Upper
42	100		
72	45.9	38.9	58.3
71	73.2	36.2	54.4#



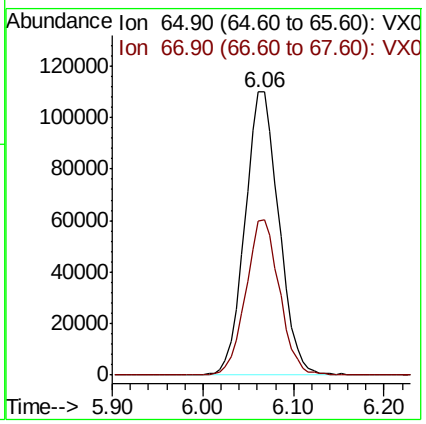


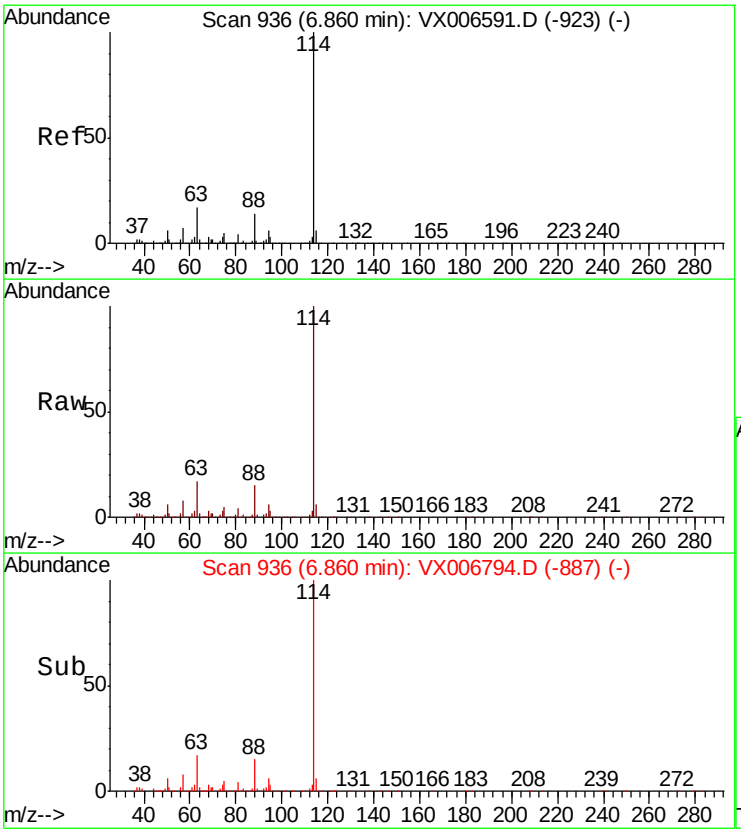
#33
1,2-Dichloroethane-d4
Concen: 46.872 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX006794.D
Acq: 24 Dec 2018 14:51

Instrument :
MSVOA_X
ClientSampleId :
HD-01-122018

Tgt Ion: 65 Resp: 284542

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	105.0

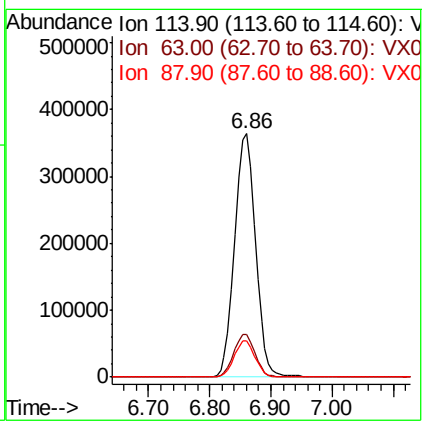


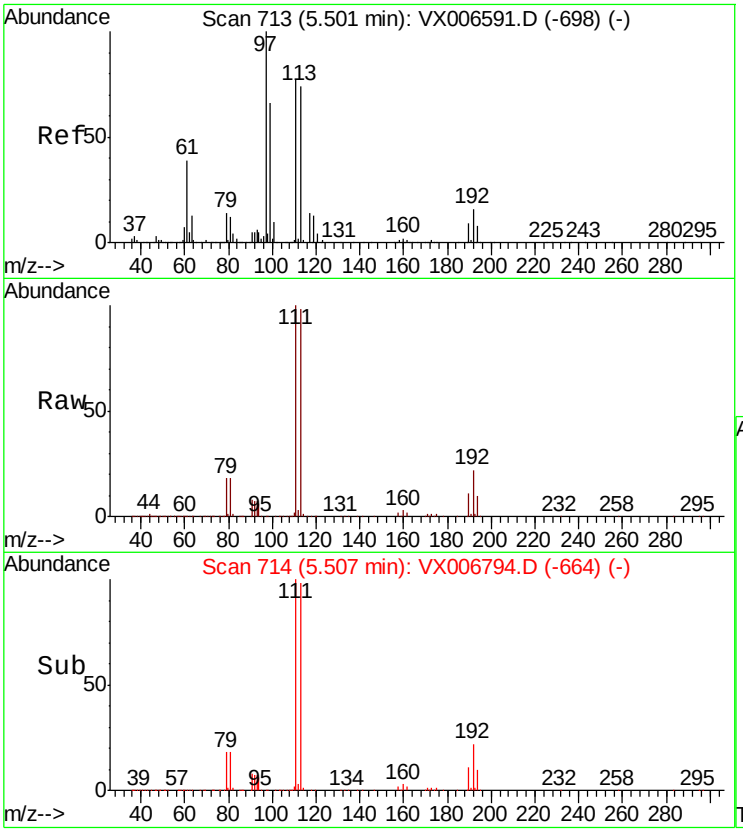


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX006794.D
Acq: 24 Dec 2018 14:51

Tgt Ion:114 Resp: 858422

Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	34.8
88	14.7	0.0	28.8



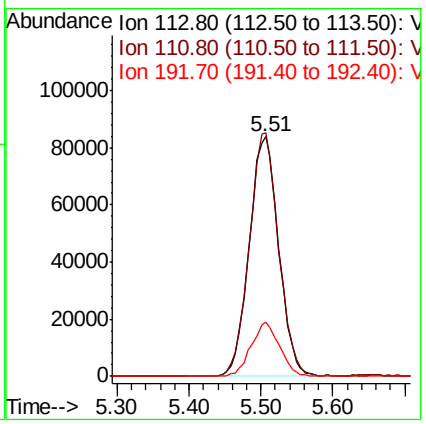


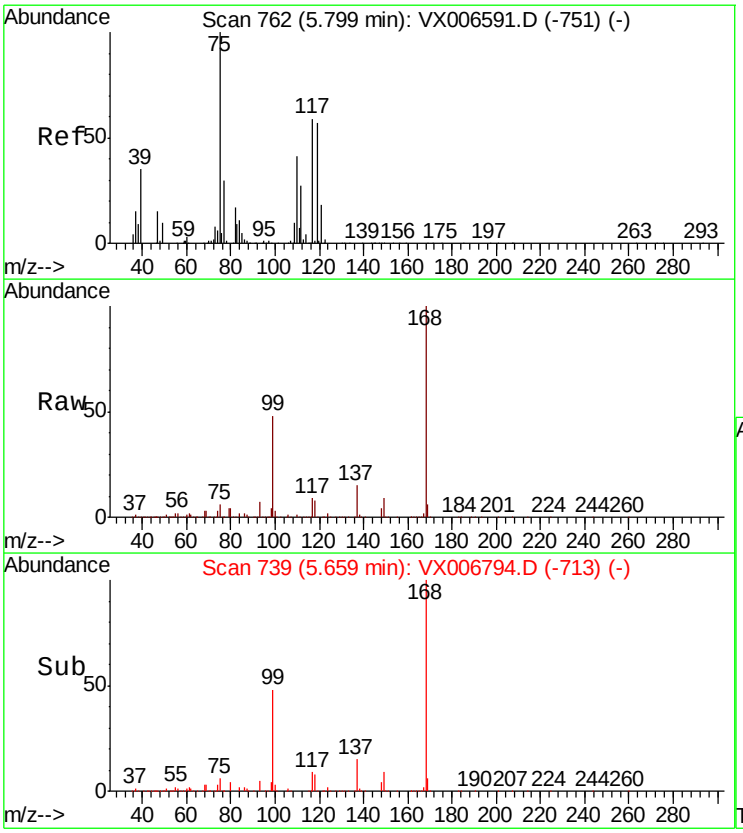
#35
Dibromofluoromethane
Concen: 43.925 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX006794.D
Acq: 24 Dec 2018 14:51

Instrument :
MSVOA_X
ClientSampleId :
HD-01-122018

Tgt Ion:113 Resp: 238446

Ion	Ratio	Lower	Upper
113	100		
111	100.4	81.6	122.4
192	21.8	16.7	25.1

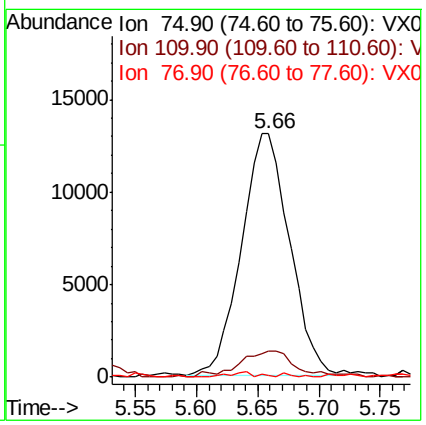


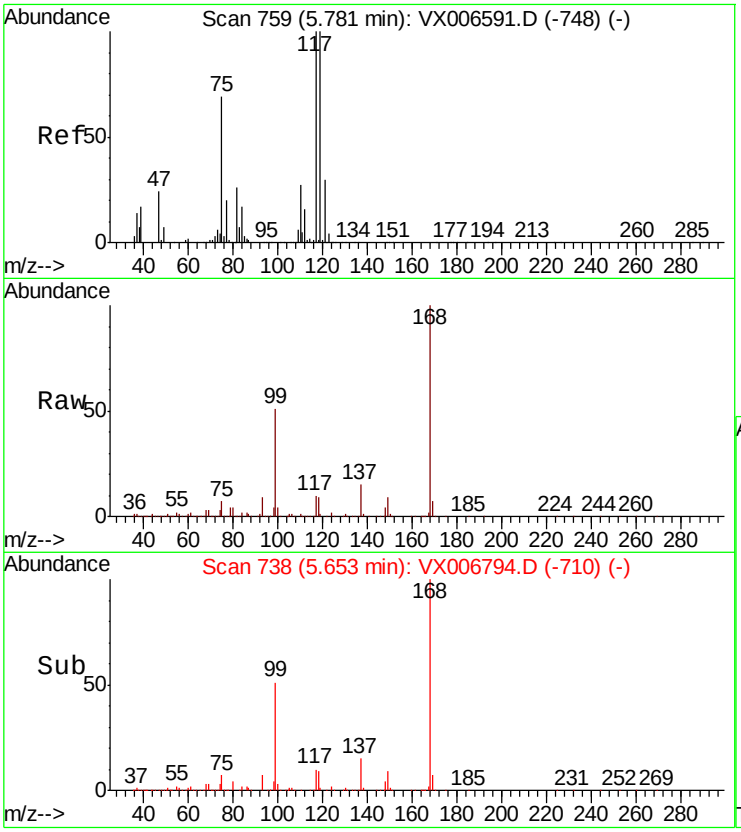


#36
1,1-Dichloropropene
Concen: 5.040 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX006794.D
Acq: 24 Dec 2018 14:51

Tgt Ion: 75 Resp: 35831

Ion	Ratio	Lower	Upper
75	100		
110	12.4	20.2	60.5#
77	0.3	24.8	37.2#



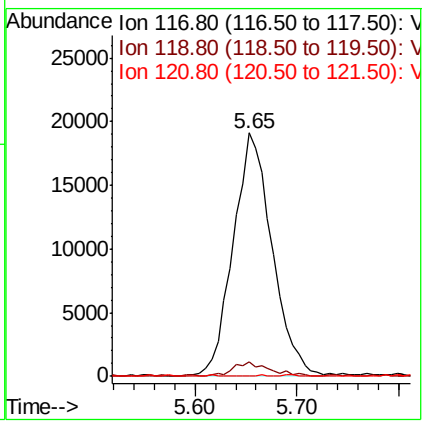


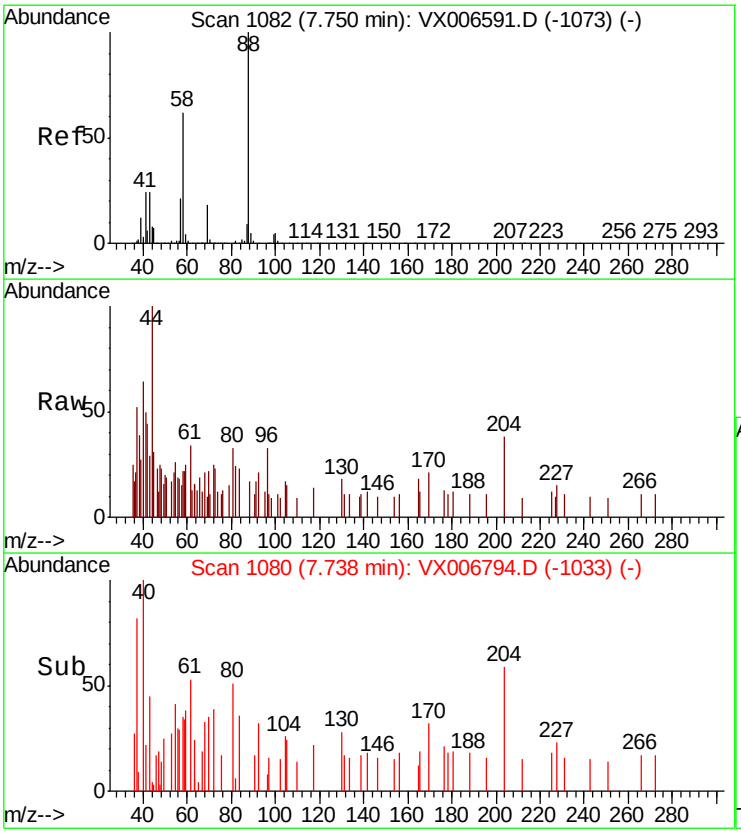
#38
Carbon Tetrachloride
Concen: 7.339 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.13 min
Lab File: VX006794.D
Acq: 24 Dec 2018 14:51

Instrument : MSVOA_X
ClientSampleId : HD-01-122018

Tgt Ion:117 Resp: 50706

Ion	Ratio	Lower	Upper
117	100		
119	5.1	79.4	119.2#
121	0.0	24.0	36.0#

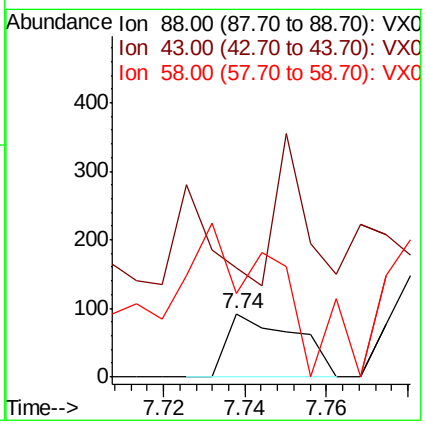


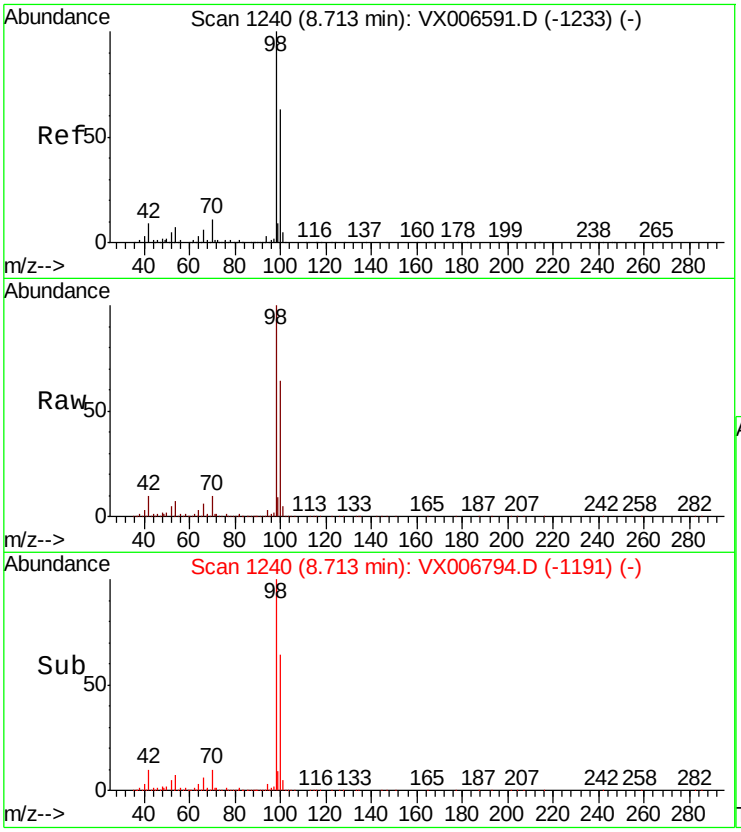


#49
1,4-Dioxane
Concen: Below Cal
RT: 7.74 min Scan# 1080
Delta R.T. -0.01 min
Lab File: VX006794.D
Acq: 24 Dec 2018 14:51

Tgt Ion: 88 Resp: 106

Ion	Ratio	Lower	Upper
88	100		
43	78.3	22.2	33.4#
58	288.7	51.0	76.4#



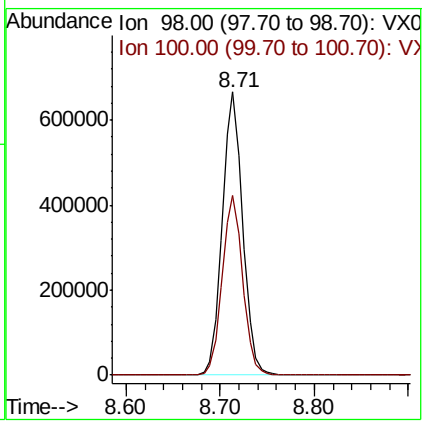


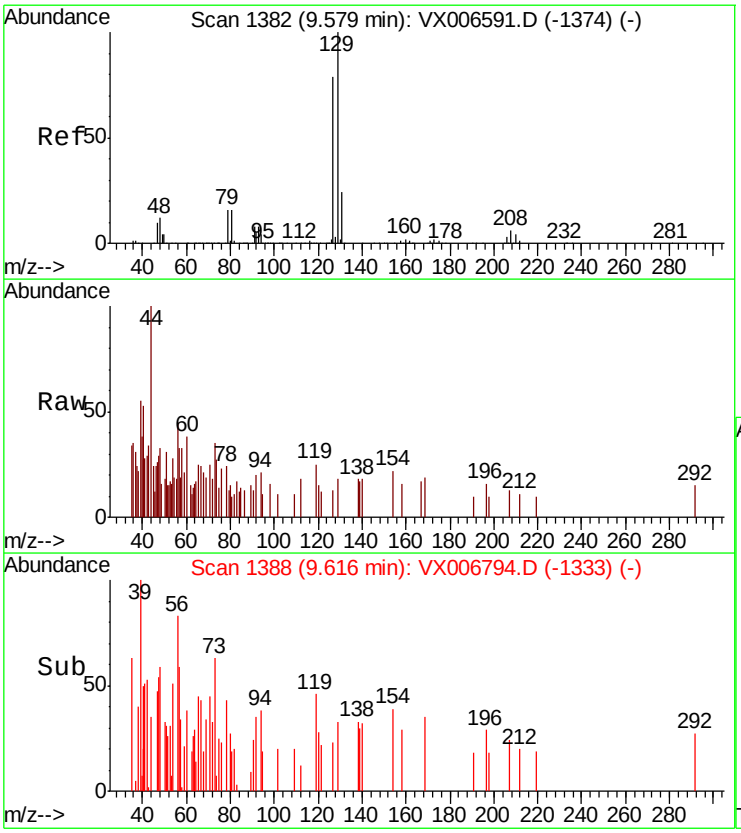
#50
Toluene-d8
Concen: 48.800 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006794.D
Acq: 24 Dec 2018 14:51

Instrument :
MSVOA_X
ClientSampleId :
HD-01-122018

Tgt Ion: 98 Resp: 998724

Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.0	78.0

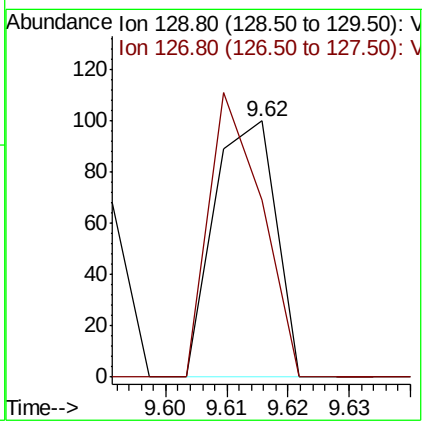


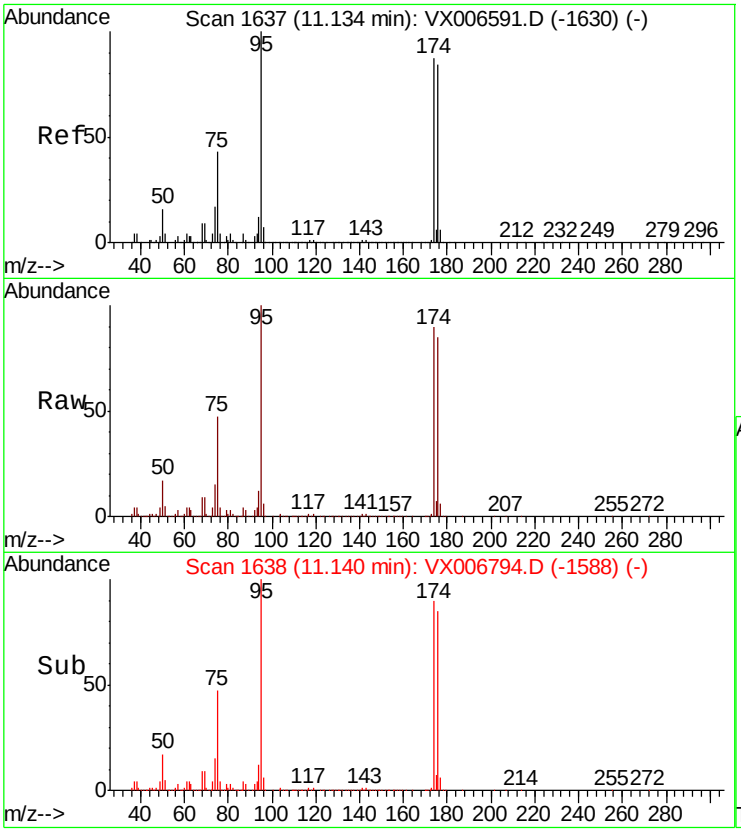


#60
Dibromochloromethane
Concen: 2.335 ug/l
RT: 9.62 min Scan# 1388
Delta R.T. 0.04 min
Lab File: VX006794.D
Acq: 24 Dec 2018 14:51

Tgt Ion:129 Resp: 69

Ion	Ratio	Lower	Upper
129	100		
127	95.7	39.3	117.8



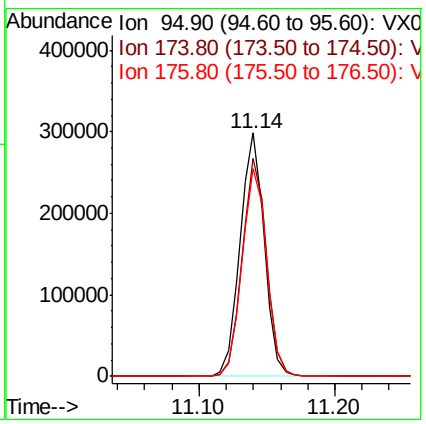


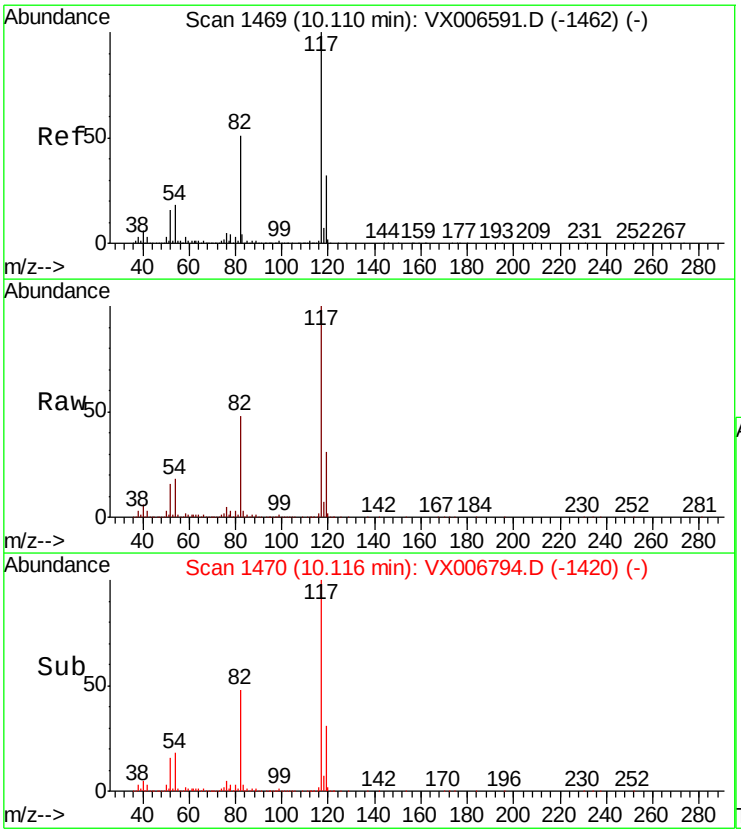
#62
4-Bromofluorobenzene
Concen: 49.212 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.01 min
Lab File: VX006794.D
Acq: 24 Dec 2018 14:51

Instrument :
MSVOA_X
ClientSampleId :
HD-01-122018

Tgt Ion: 95 Resp: 368860

Ion	Ratio	Lower	Upper
95	100		
174	90.7	0.0	182.2
176	87.7	0.0	178.8

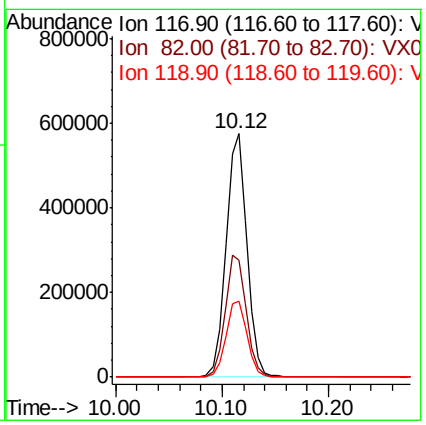


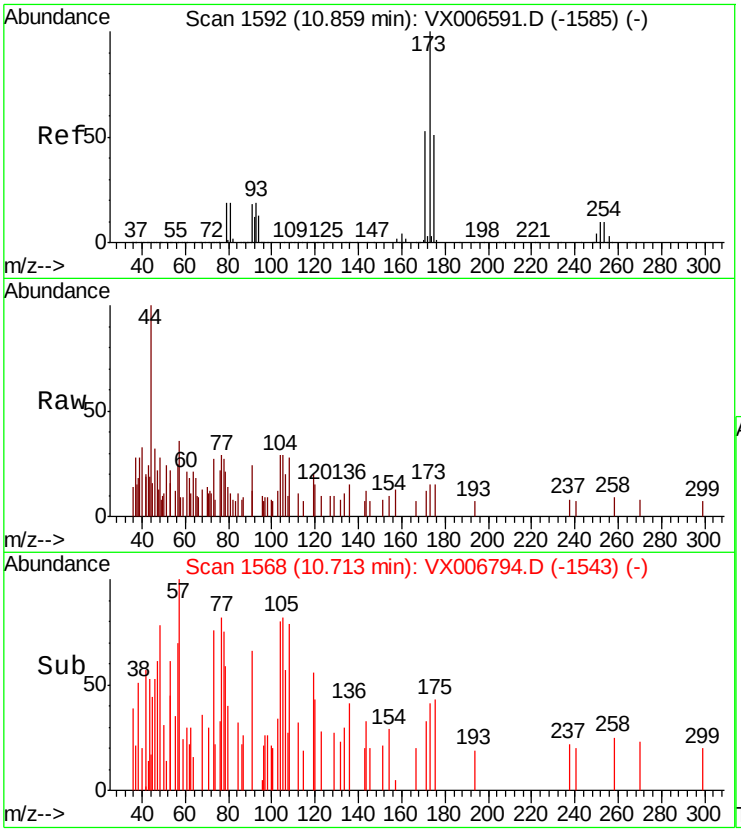


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006794.D
Acq: 24 Dec 2018 14:51

Tgt Ion:117 Resp: 788601

Ion	Ratio	Lower	Upper
117	100		
82	47.8	41.0	61.6
119	31.3	25.4	38.0



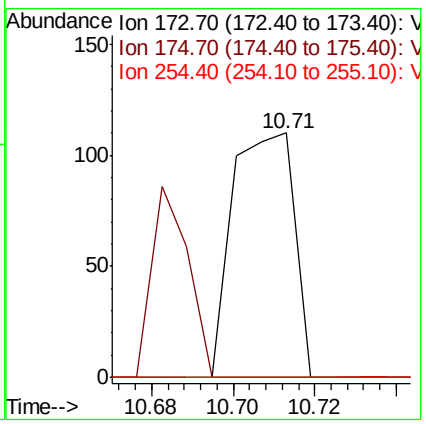


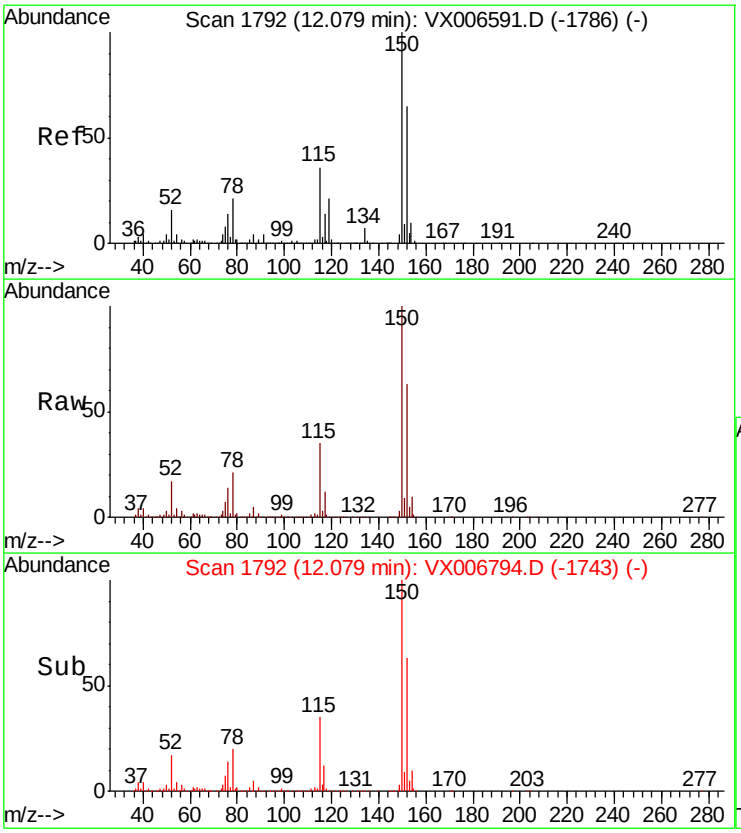
#71
Bromoform
Concen: 4.482 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.15 min
Lab File: VX006794.D
Acq: 24 Dec 2018 14:51

Instrument : MSVOA_X
ClientSampleId : HD-01-122018

Tgt Ion:173 Resp: 116

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.7	74.1#
254	0.0	0.2	0.2#

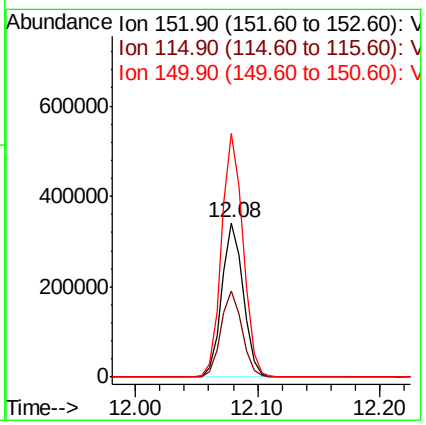


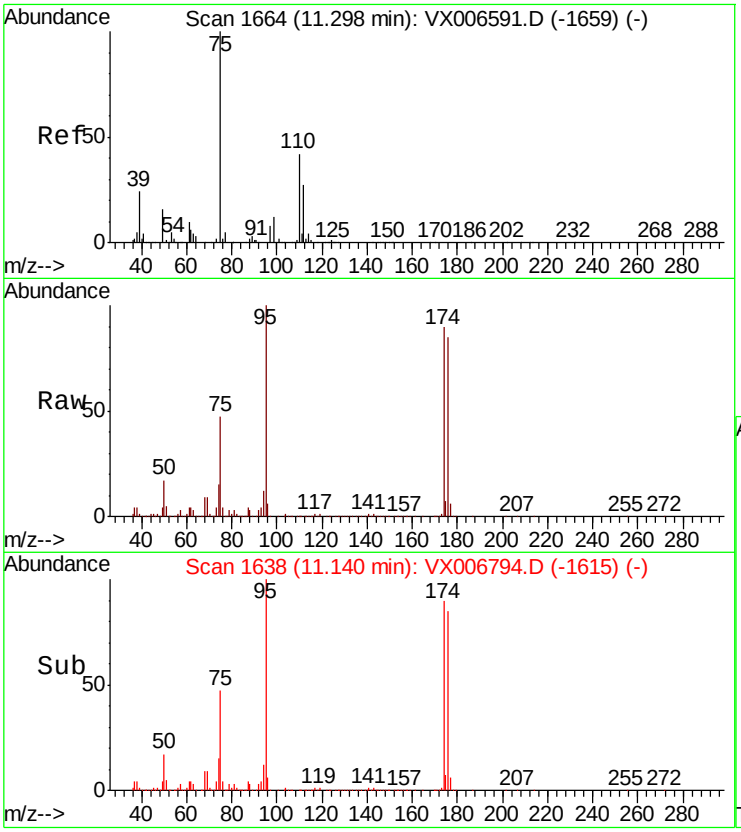


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006794.D
Acq: 24 Dec 2018 14:51

Tgt Ion:152 Resp: 413479

Ion	Ratio	Lower	Upper
152	100		
115	55.3	39.1	117.2
150	158.3	0.0	344.8



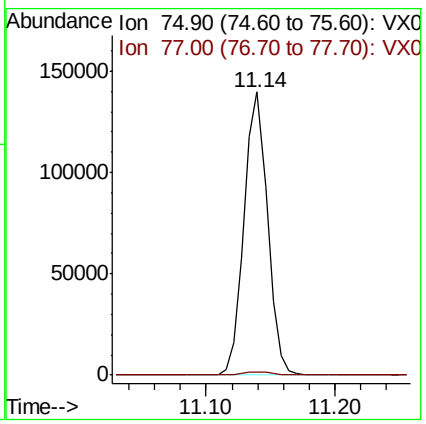


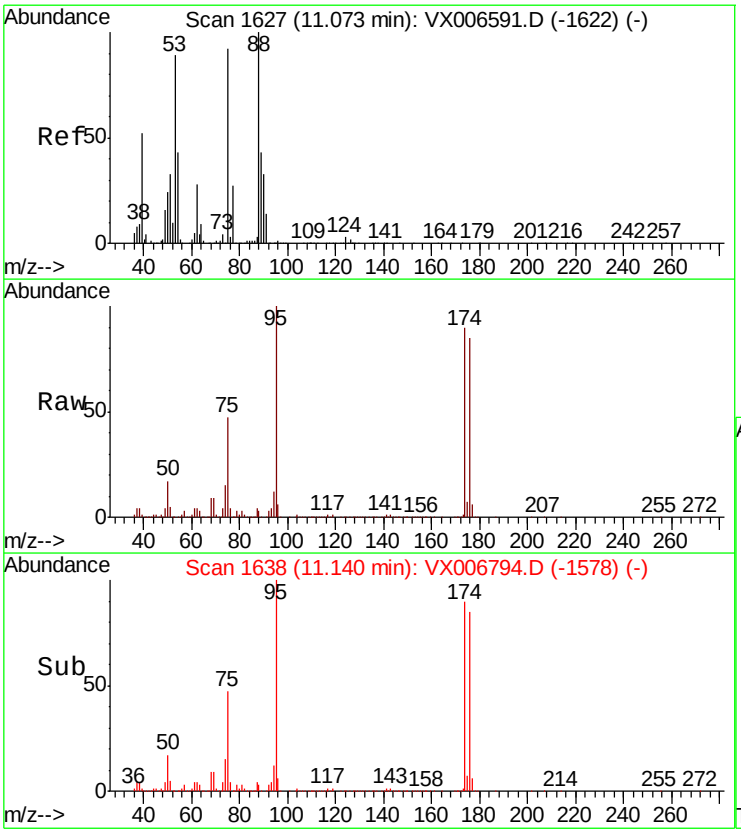
#76
1,2,3-Trichloropropane
Concen: 22.773 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX006794.D
Acq: 24 Dec 2018 14:51

Instrument :
MSVOA_X
ClientSampleId :
HD-01-122018

Tgt Ion: 75 Resp: 174992

Ion	Ratio	Lower	Upper
75	100		
77	1.5	18.5	55.5#

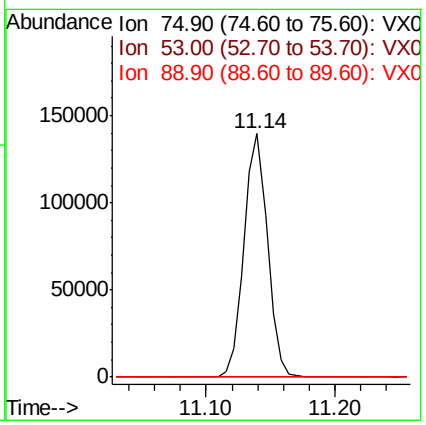


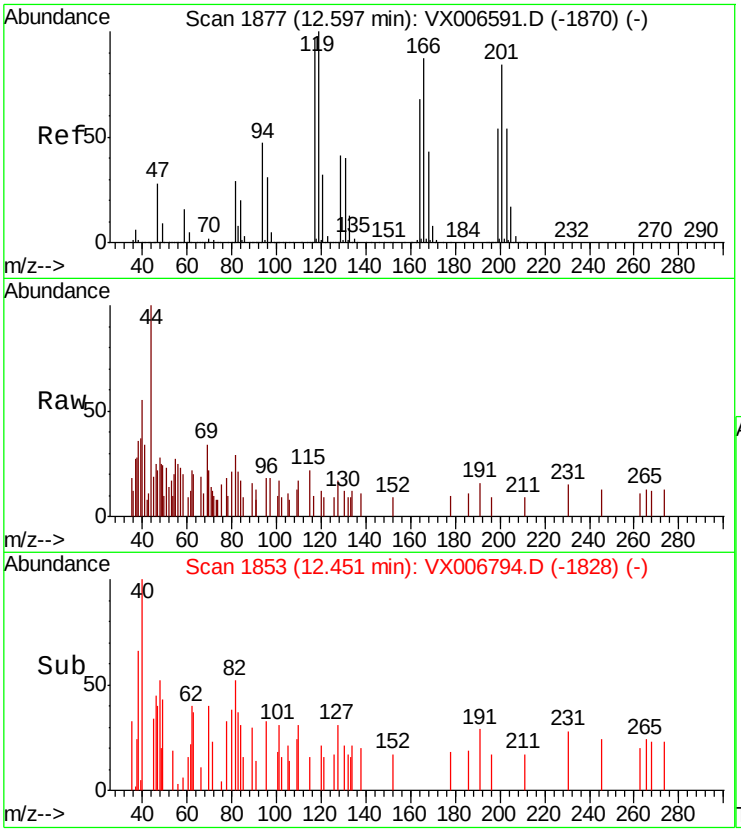


#81
trans-1,4-Dichloro-2-butene
Concen: 67.671 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX006794.D
Acq: 24 Dec 2018 14:51

Tgt Ion: 75 Resp: 174992

Ion	Ratio	Lower	Upper
75	100		
53	0.0	79.7	119.5#
89	0.1	38.0	57.0#



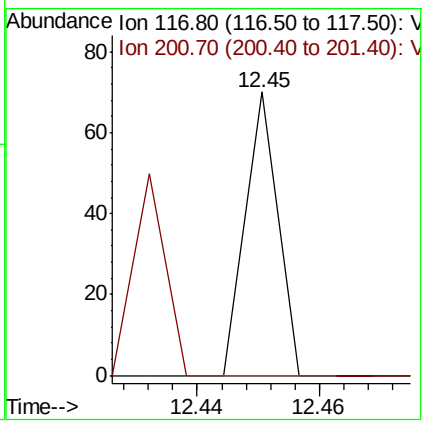


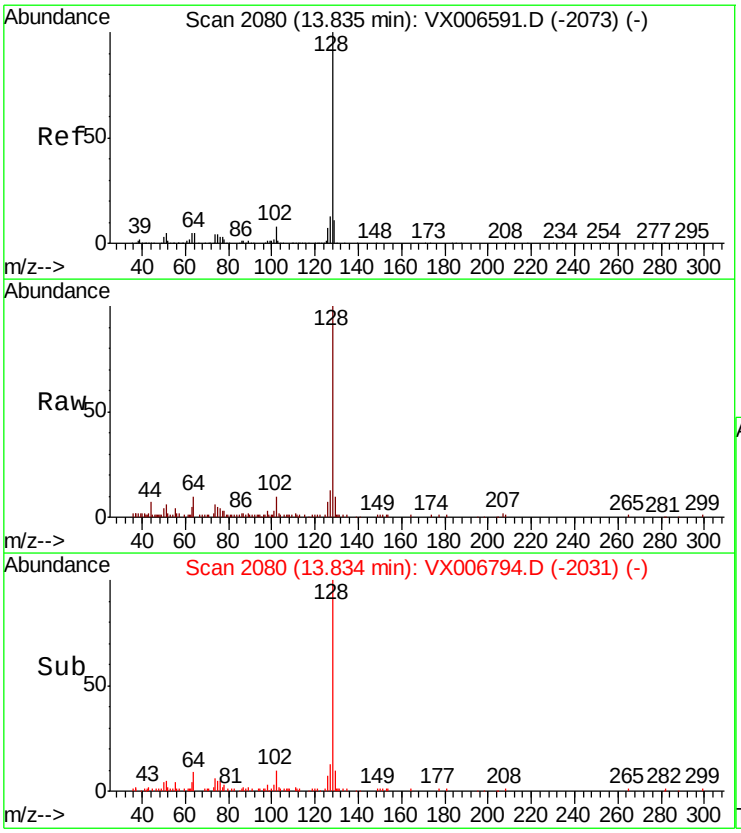
#90
Hexachloroethane
Concen: 3.299 ug/l
RT: 12.45 min Scan# 1853
Delta R.T. -0.15 min
Lab File: VX006794.D
Acq: 24 Dec 2018 14:51

Instrument :
MSVOA_X
ClientSampleId :
HD-01-122018

Tgt Ion:117 Resp: 26

Ion	Ratio	Lower	Upper
117	100		
201	69.2	42.9	128.7





#95
Naphthalene
Concen: 0.520 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006794.D
Acq: 24 Dec 2018 14:51

Tgt Ion:128 Resp: 15787

Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.1	15.1
129	12.5	8.6	13.0