Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
Data File : VX005129.D
Acq On : 08 Oct 2018 16:02
Operator : JC/MD
Sample : J5189-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TT-101D1-20180928

Quant Time: Oct 09 05:54:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	189050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	291743	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	292554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159279	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	142578	52.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.60%			
35) Dibromofluoromethane	5.50	113	122129	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.78%			
50) Toluene-d8	8.72	98	430310	52.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.70%			
62) 4-Bromofluorobenzene	11.14	95	150334	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.54%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	4026	1.562	ug/l	99
3) Chloromethane	1.32	50	684	0.219	ug/l #	86
5) Bromomethane	1.64	94	555	0.319	ug/l #	44
6) Chloroethane	1.76	64	4501	0.512	ug/l #	45
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31005	14.990	ug/l	98
11) Tert butyl alcohol	3.08	59	475	0.629	ug/l #	52
12) 1,1-Dichloroethene	2.37	96	7139	3.485	ug/l	95
16) Acetone	2.45	43	6597	4.184	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	1841	0.261	ug/l #	82
20) Methylene Chloride	2.85	84	914	Below Cal	#	86
24) 1,1-Dichloroethane	3.69	63	4594	1.023	ug/l #	89
27) cis-1,2-Dichloroethene	4.60	96	8883	3.546	ug/l	97
29) Tetrahydrofuran	5.18	42	802	0.555	ug/l #	74
30) Chloroform	5.22	83	2441	0.575	ug/l	94
31) Cyclohexane	5.66	56	3594	1.046	ug/l #	1
32) 1,1,1-Trichloroethane	5.49	97	1072	0.309	ug/l #	36
36) 1,1-Dichloropropene	5.66	75	13261	3.931	ug/l #	47
38) Carbon Tetrachloride	5.77	117	767	0.216	ug/l #	60
39) Methylcyclohexane	7.21	83	2786	0.809	ug/l #	1
42) 1,2-Dichloroethane	6.20	62	1085	0.291	ug/l	79
44) Trichloroethene	7.21	130	219835	84.672	ug/l	97
49) 1,4-Dioxane	7.77	88	1392	19.099	ug/l #	74
55) 1,1,2-Trichloroethane	9.21	97	810	0.319	ug/l #	82
58) 2-Chloroethyl Vinyl ether	8.29	63	22	14.252	ug/l #	49
74) N-amyl acetate	10.90	43	82	1.762	ug/l #	43
76) 1,2,3-Trichloropropane	11.14	75	73629	20.624	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	65	Below Cal	#	29
81) trans-1,4-Dichloro-2-buten	11.14	75	73629	56.002	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	221	Below Cal		77
95) Naphthalene	13.84	128	177	0.733	ug/l #	69

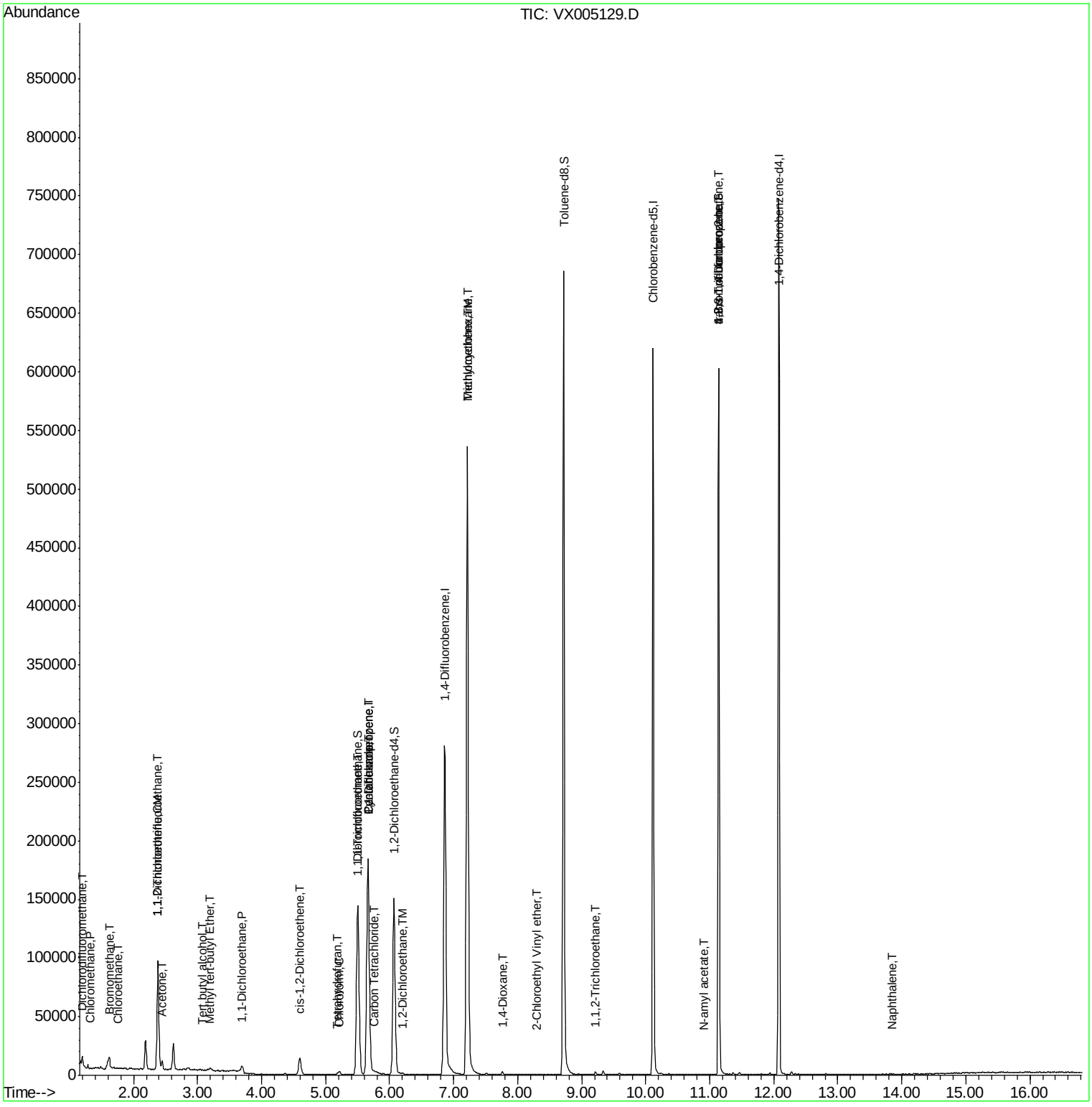
(#) = qualifier out of range (m) = manual integration (+) = signals summed

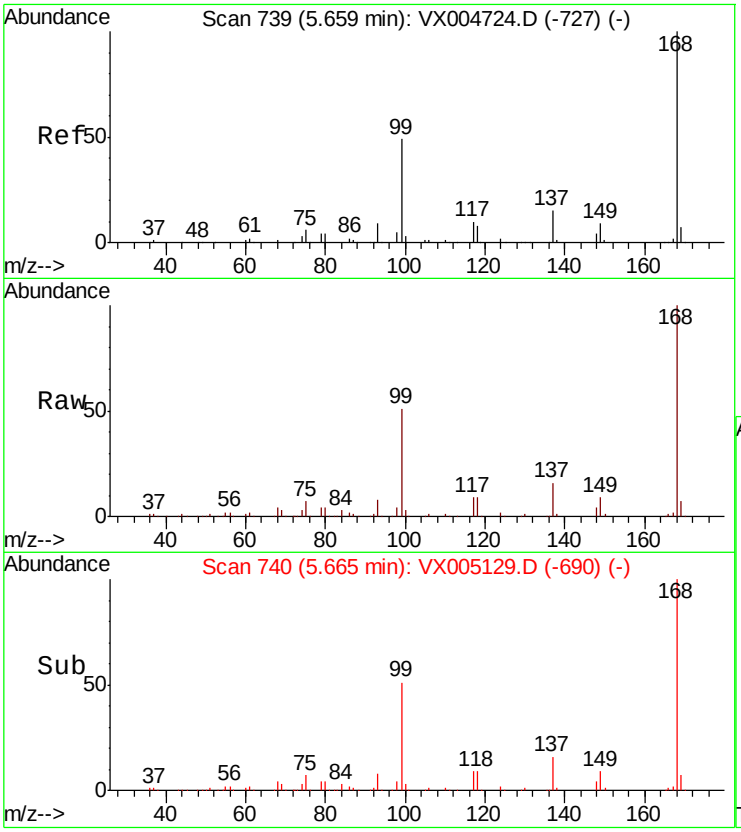
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100818\
Data File : VX005129.D
Acq On : 08 Oct 2018 16:02
Operator : JC/MD
Sample : J5189-11
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT-101D1-20180928

Quant Time: Oct 09 05:54:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration



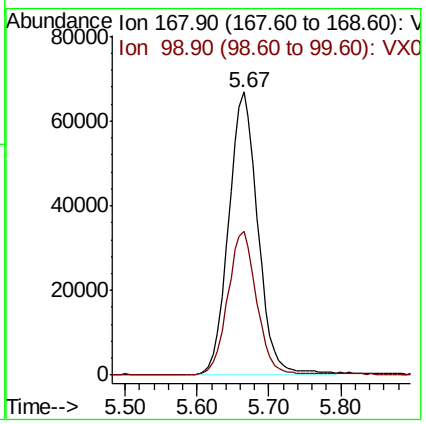


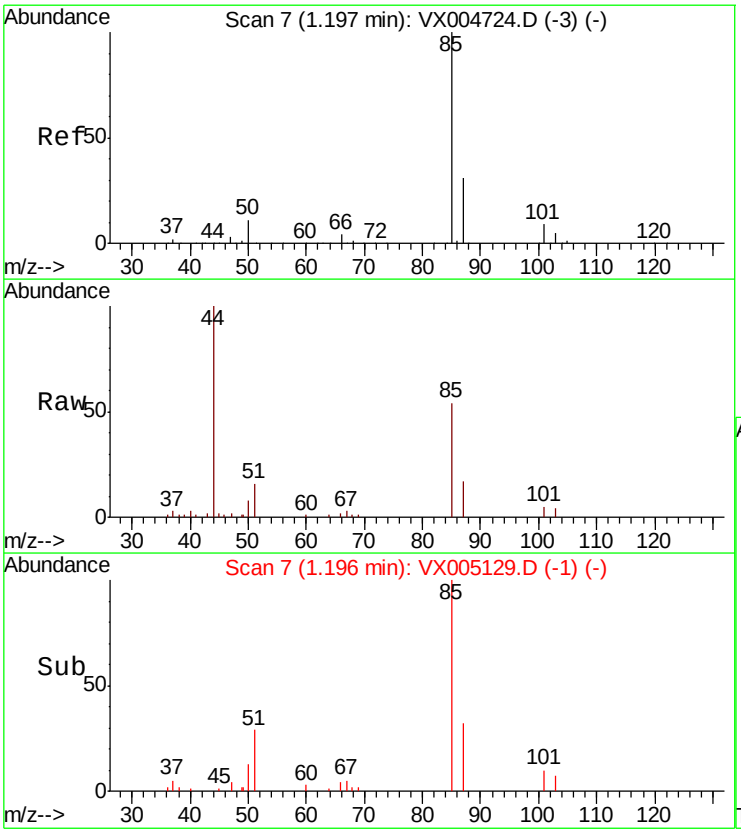
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

Instrument :
MSVOA_X
ClientSampleId :
TT-101D1-20180928

Tgt Ion:168 Resp: 189050

Ion	Ratio	Lower	Upper
168	100		
99	50.7	39.3	58.9

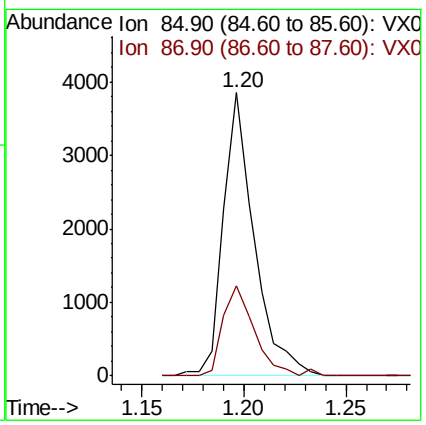


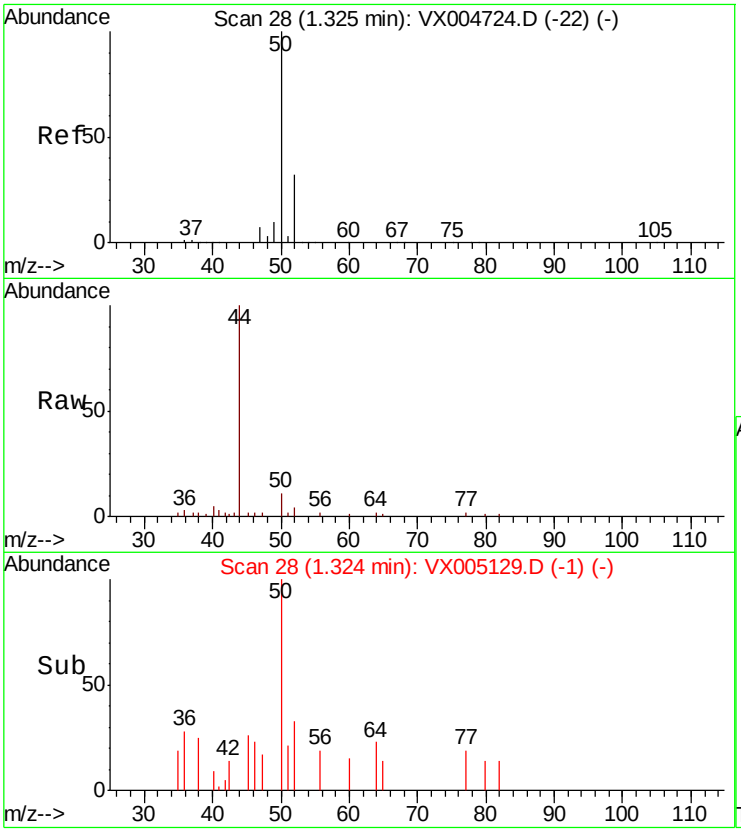


#2
Dichlorodifluoromethane
Concen: 1.562 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

Tgt Ion: 85 Resp: 4026

Ion	Ratio	Lower	Upper
85	100		
87	31.8	15.7	47.1



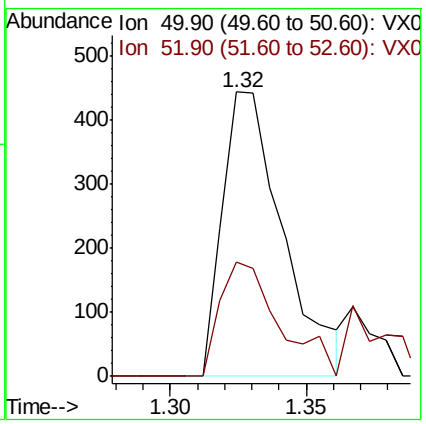


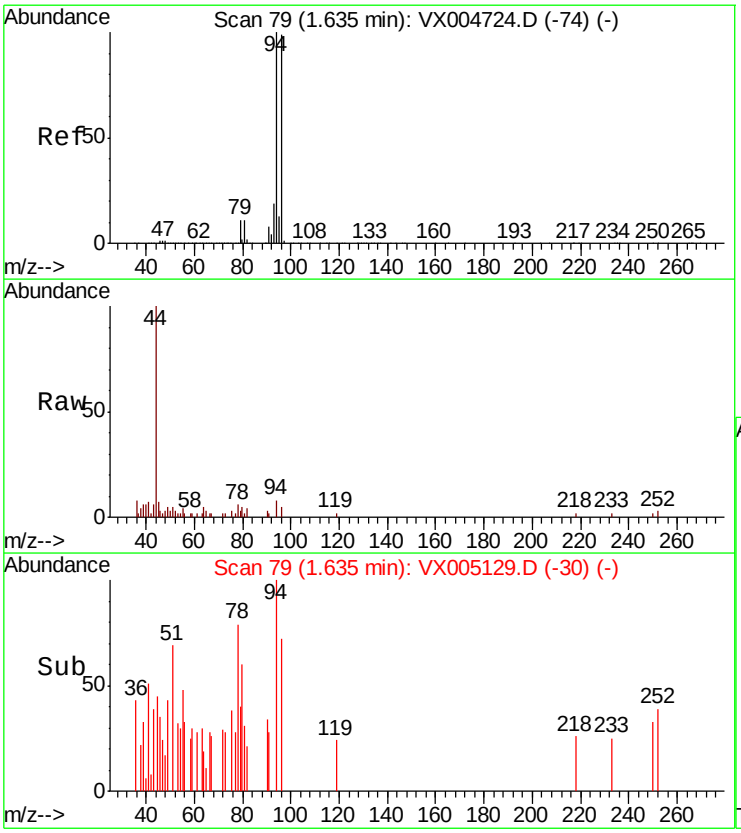
#3
Chloromethane
Concen: 0.219 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

Instrument :
MSVOA_X
ClientSampleId :
TT-101D1-20180928

Tgt Ion: 50 Resp: 684

Ion	Ratio	Lower	Upper
50	100		
52	40.0	25.8	38.6#

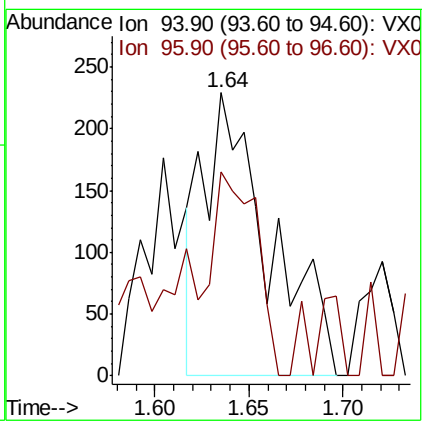


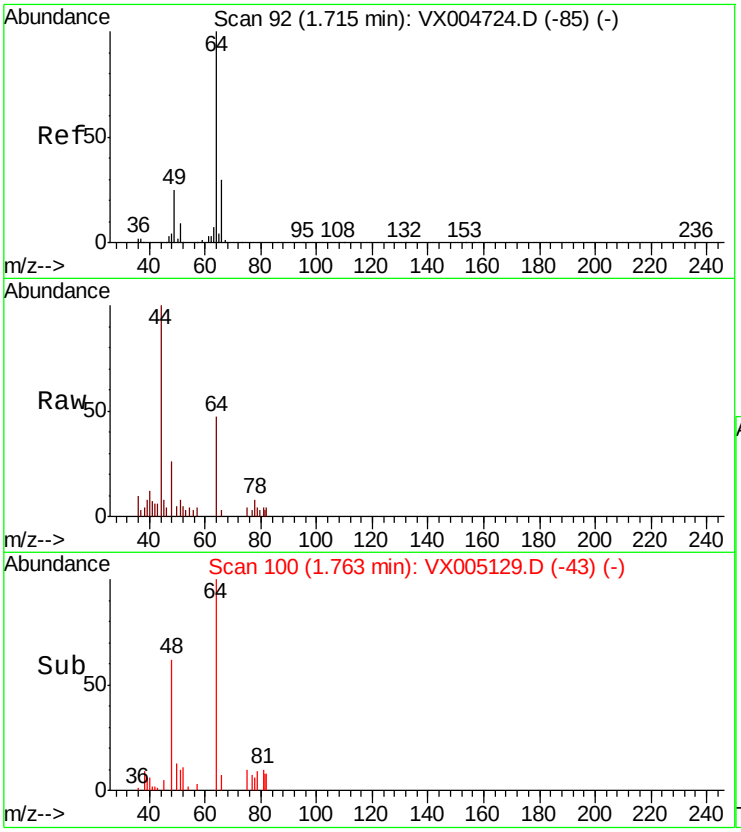


#5
Bromomethane
Concen: 0.319 ug/l
RT: 1.64 min Scan# 79
Delta R.T. -0.00 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

Tgt Ion: 94 Resp: 555

Ion	Ratio	Lower	Upper
94	100		
96	43.7	79.5	119.3#



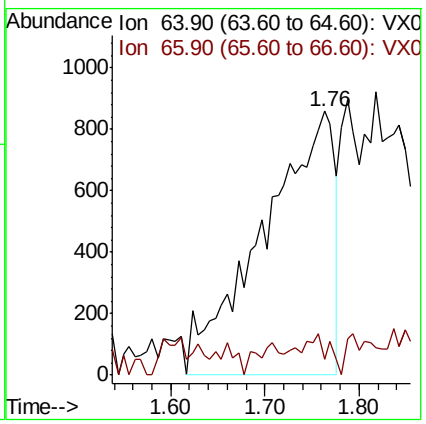


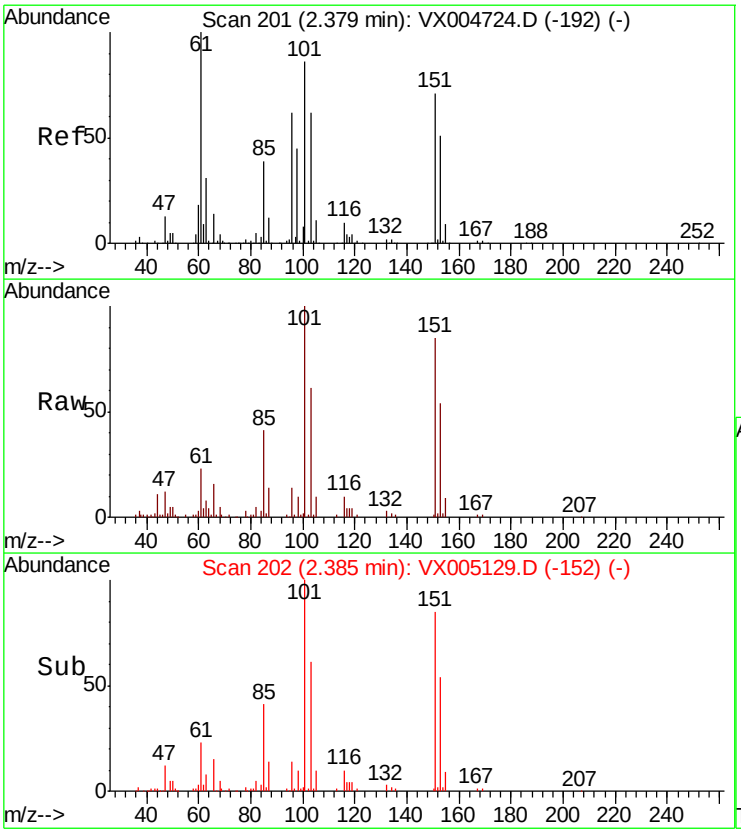
#6
Chloroethane
Concen: 0.512 ug/l
RT: 1.76 min Scan# 100
Delta R.T. 0.05 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

Instrument :
MSVOA_X
ClientSampleId :
TT-101D1-20180928

Tgt Ion: 64 Resp: 4501

Ion	Ratio	Lower	Upper
64	100		
66	0.1	23.8	35.6#

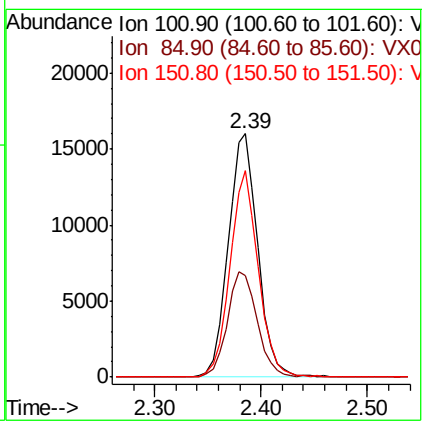


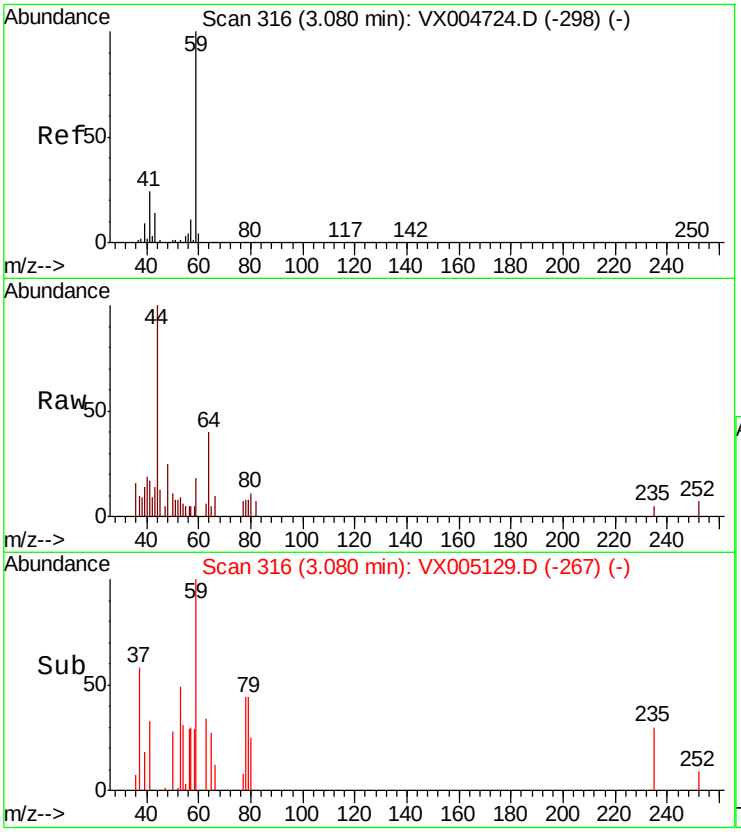


#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.990 ug/l
RT: 2.39 min Scan# 202
Delta R.T. 0.01 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

Tgt Ion:101 Resp: 31005

Ion	Ratio	Lower	Upper
101	100		
85	43.5	35.9	53.9
151	81.2	66.6	100.0



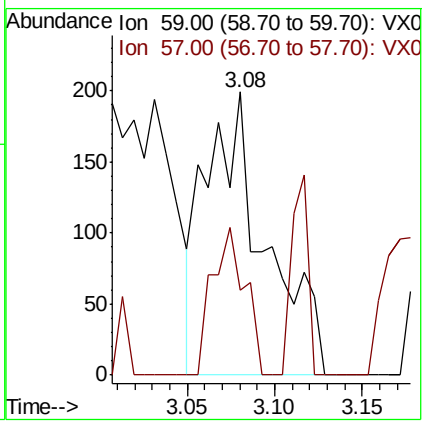


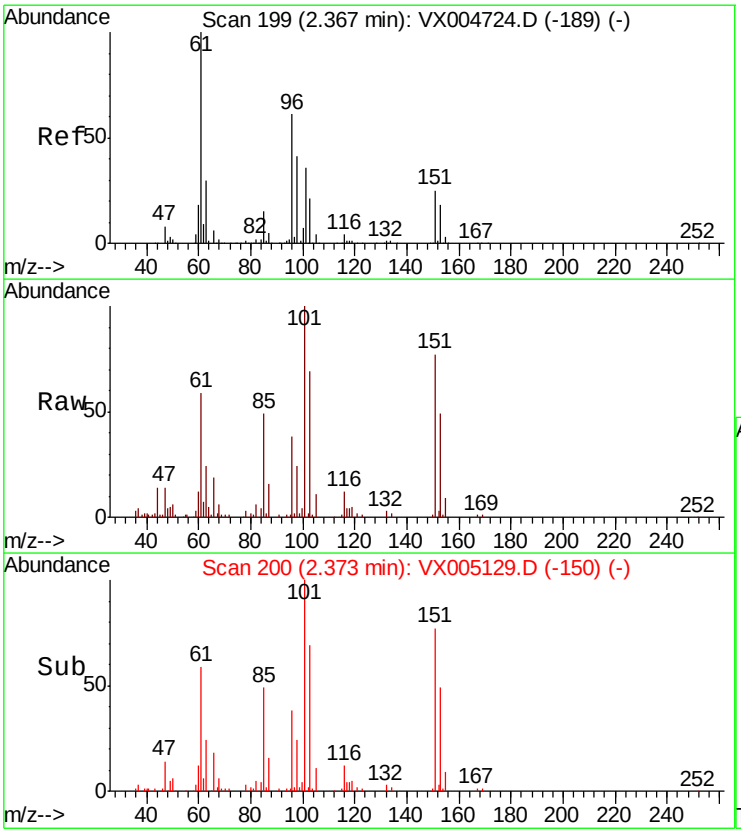
#11
Tert butyl alcohol
Concen: 0.629 ug/l
RT: 3.08 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

Instrument : MSVOA_X
ClientSampleId : TT-101D1-20180928

Tgt Ion: 59 Resp: 475

Ion	Ratio	Lower	Upper
59	100		
57	28.6	8.6	12.8#

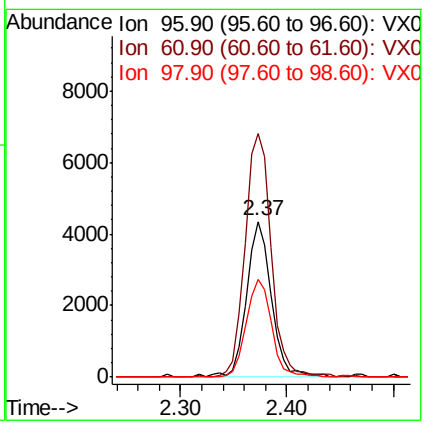


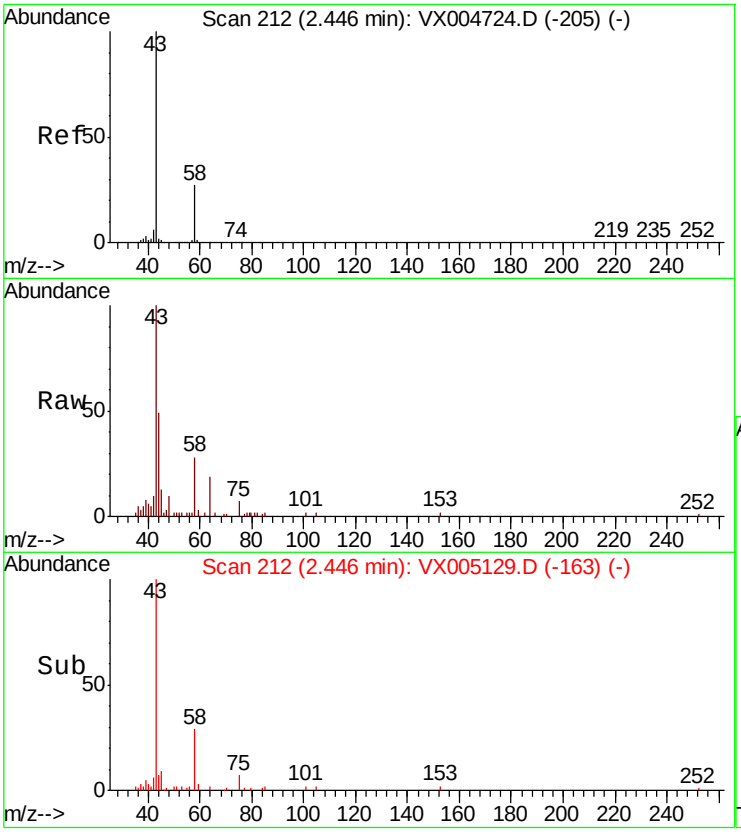


#12
1,1-Dichloroethene
Concen: 3.485 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

Tgt Ion: 96 Resp: 7139

Ion	Ratio	Lower	Upper
96	100		
61	156.4	130.2	195.4
98	62.6	53.4	80.0



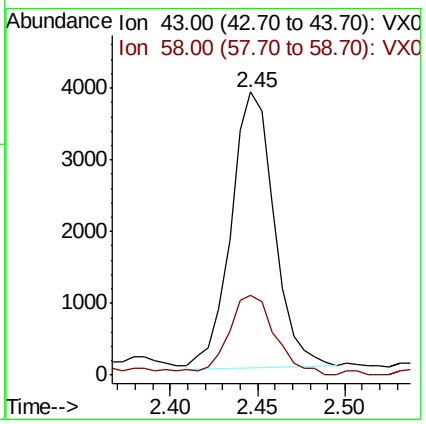


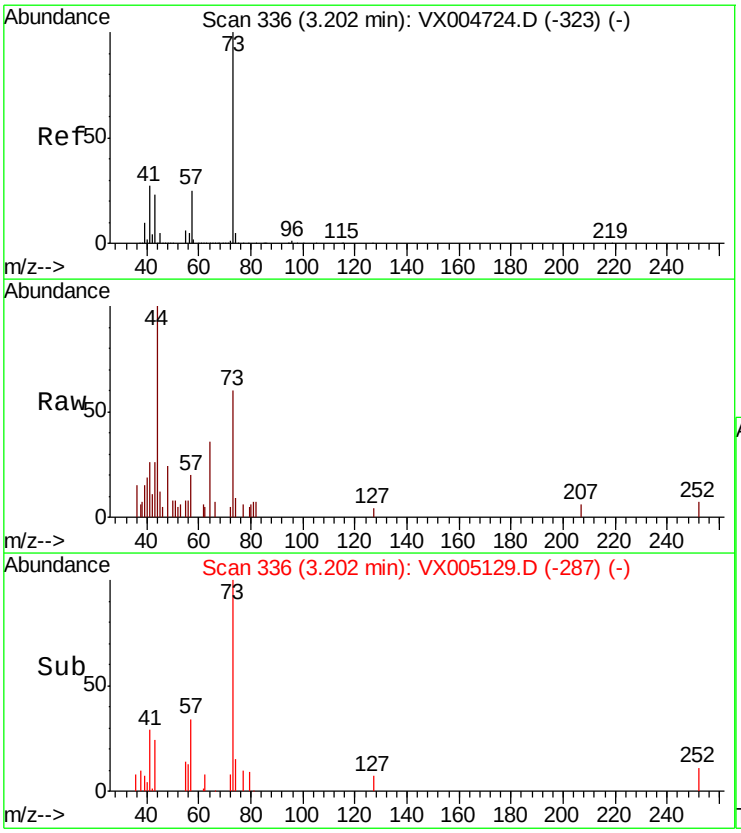
#16
Acetone
Concen: 4.184 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

Instrument :
MSVOA_X
ClientSampleId :
TT-101D1-20180928

Tgt Ion: 43 Resp: 6597

Ion	Ratio	Lower	Upper
43	100		
58	29.2	21.8	32.6

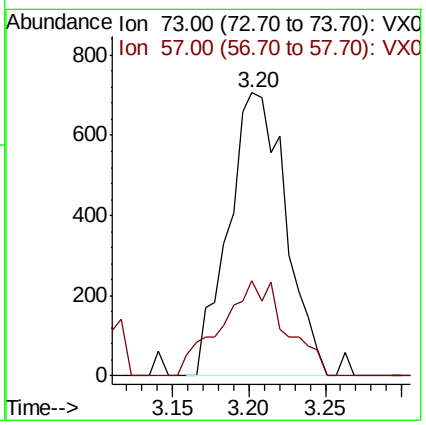


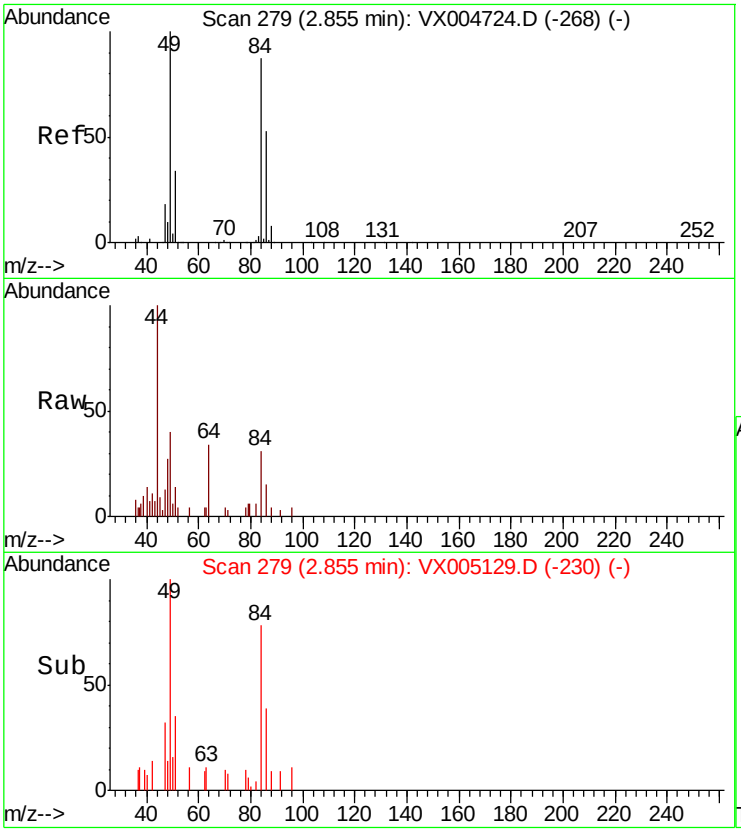


#19
Methyl tert-butyl Ether
Concen: 0.261 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

Tgt Ion: 73 Resp: 1841

Ion	Ratio	Lower	Upper
73	100		
57	33.9	19.9	29.9#



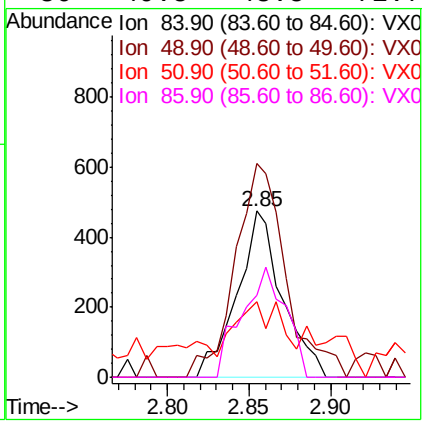


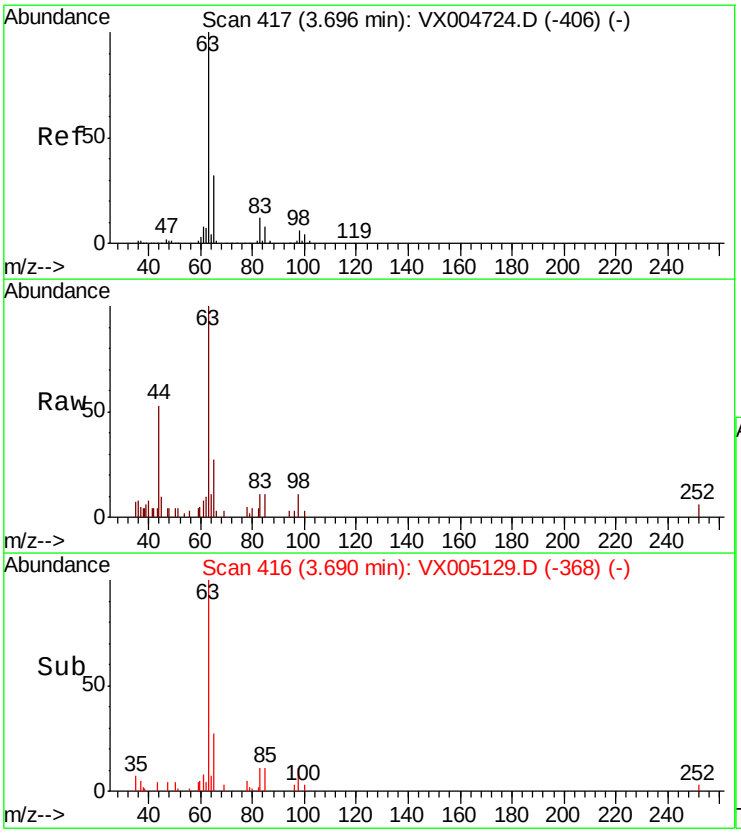
#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

Instrument : MSVOA_X
ClientSampleId : TT-101D1-20180928

Tgt Ion: 84 Resp: 914

Ion	Ratio	Lower	Upper
84	100		
49	128.4	92.3	138.5
51	27.8	31.8	47.6#
86	49.5	48.5	72.7

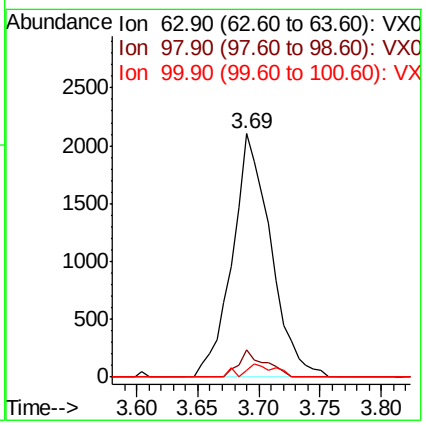


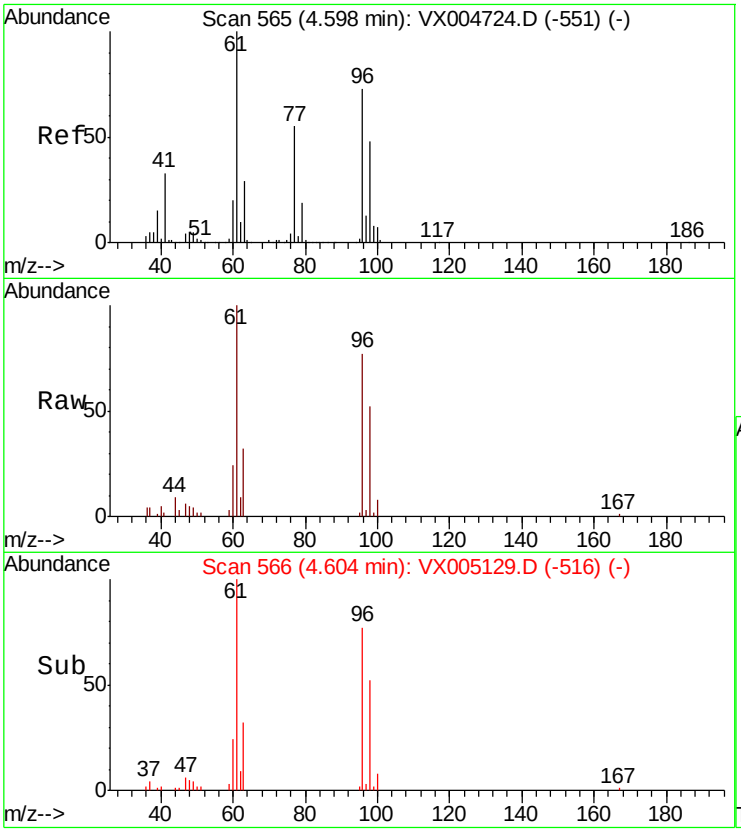


#24
1,1-Dichloroethane
Concen: 1.023 ug/l
RT: 3.69 min Scan# 416
Delta R.T. -0.01 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

Tgt Ion: 63 Resp: 4594

Ion	Ratio	Lower	Upper
63	100		
98	11.4	3.0	9.2#
100	2.7	2.0	5.8



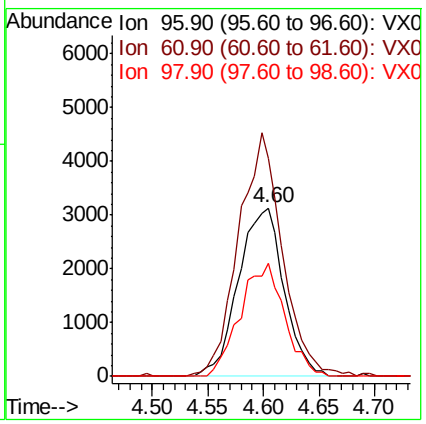


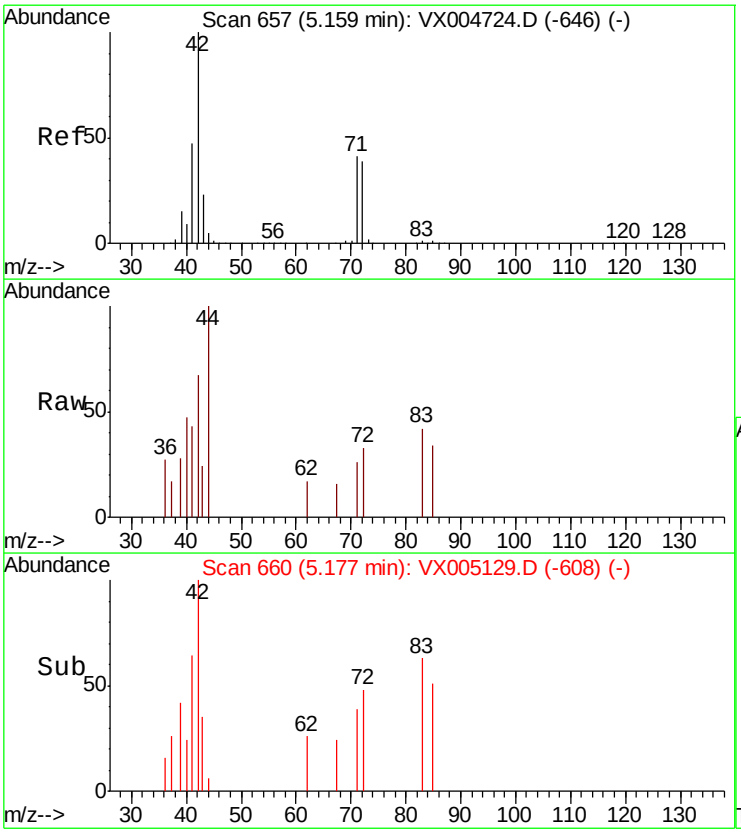
#27
cis-1,2-Dichloroethene
Concen: 3.546 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

Instrument :
MSVOA_X
ClientSampleId :
TT-101D1-20180928

Tgt Ion: 96 Resp: 8883

Ion	Ratio	Lower	Upper
96	100		
61	139.8	0.0	285.8
98	65.5	0.0	136.2

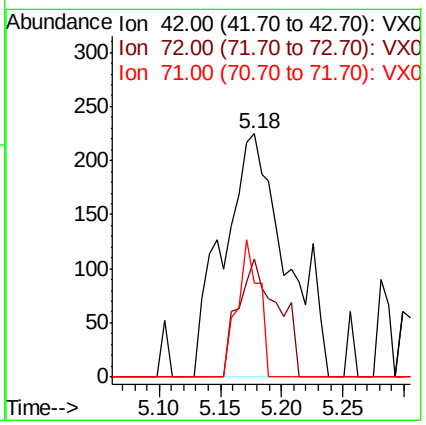


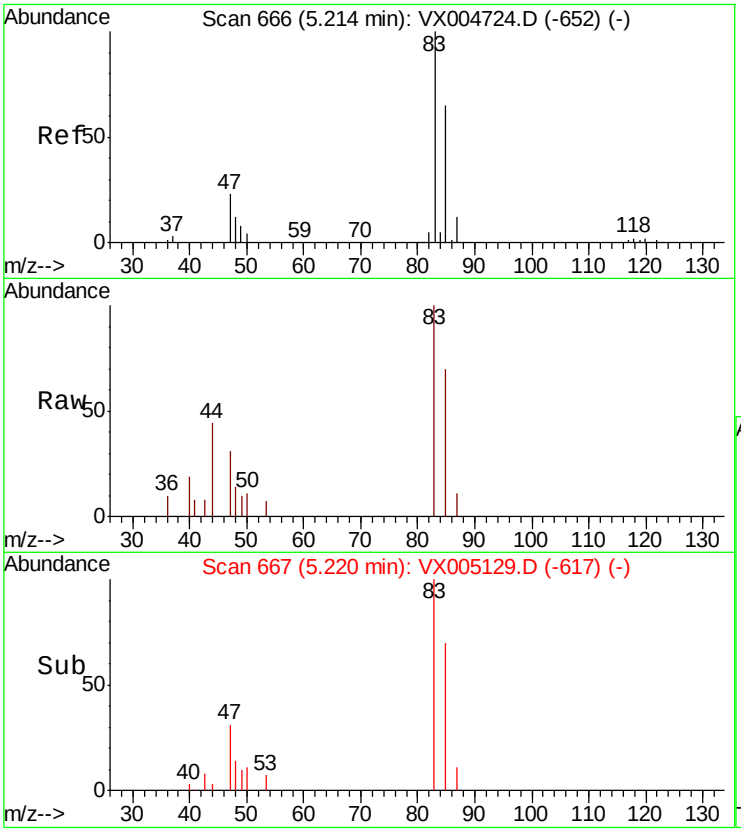


#29
Tetrahydrofuran
Concen: 0.555 ug/l
RT: 5.18 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

Tgt Ion: 42 Resp: 802

Ion	Ratio	Lower	Upper
42	100		
72	30.5	33.7	50.5#
71	19.1	32.2	48.4#



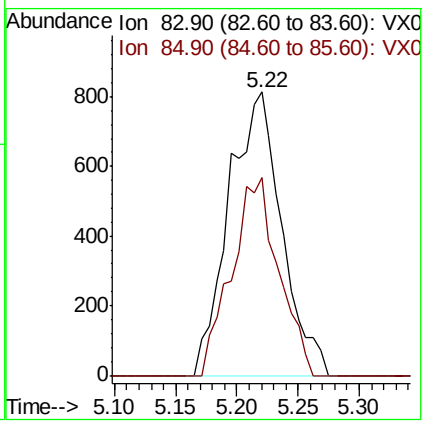


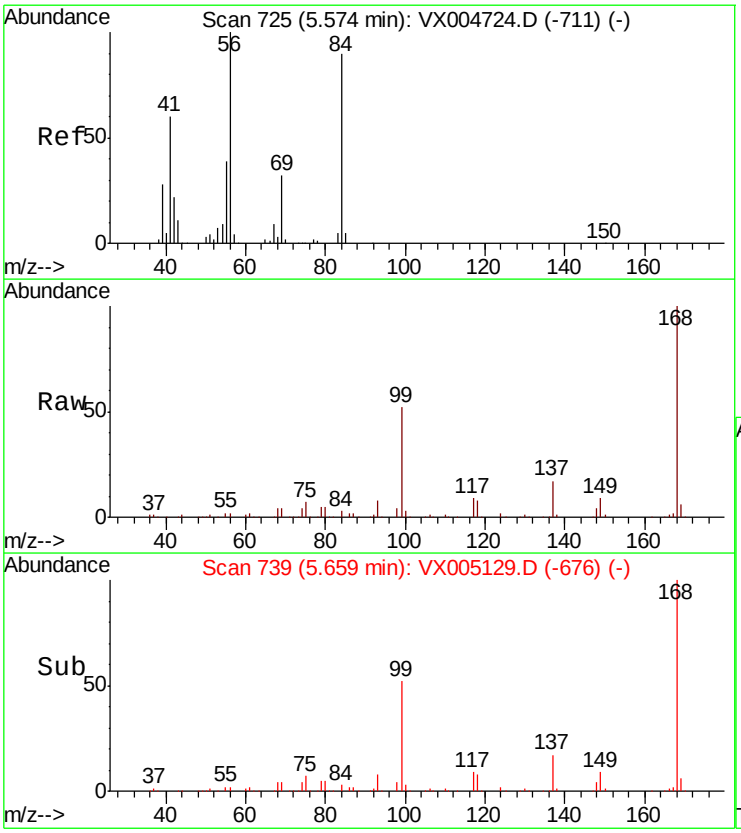
#30
Chloroform
Concen: 0.575 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

Instrument :
MSVOA_X
ClientSampleId :
TT-101D1-20180928

Tgt Ion: 83 Resp: 2441

Ion	Ratio	Lower	Upper
83	100		
85	70.0	52.4	78.6

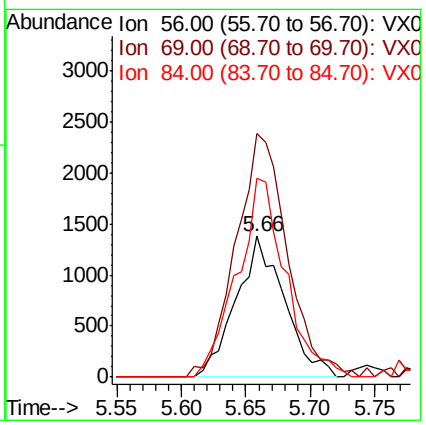


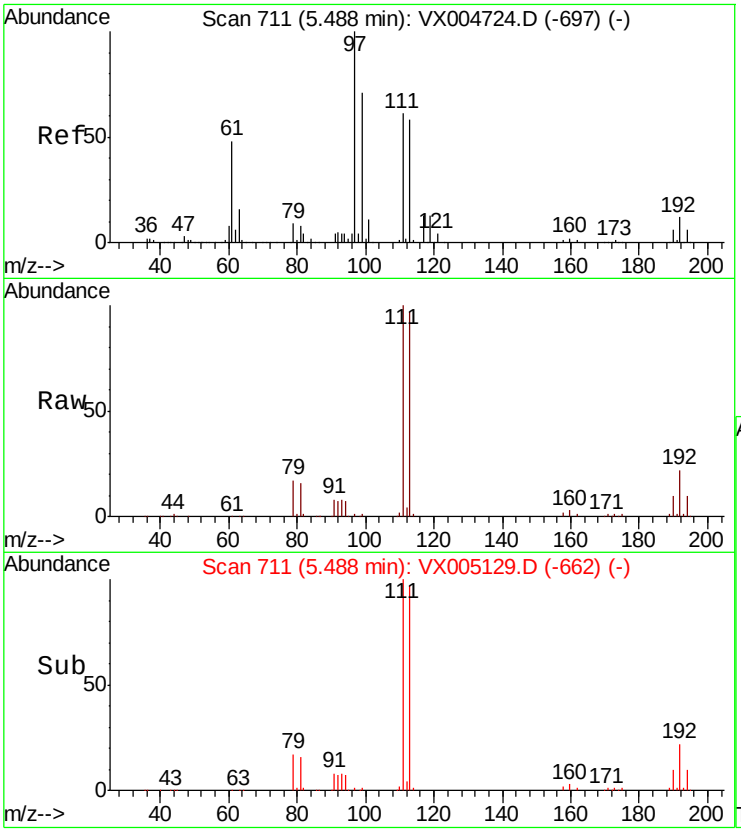


#31
Cyclohexane
Concen: 1.046 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

Tgt Ion: 56 Resp: 3594

Ion	Ratio	Lower	Upper
56	100		
69	173.1	25.9	38.9#
84	141.5	71.9	107.9#



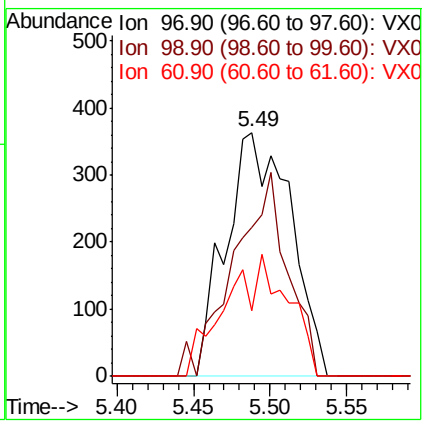


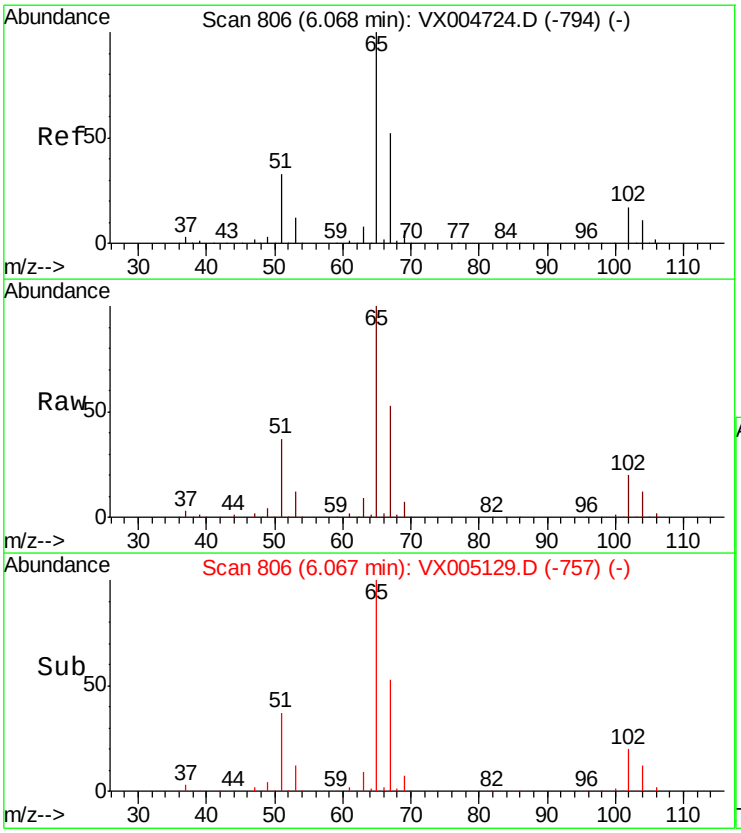
#32
1,1,1-Trichloroethane
Concen: 0.309 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.00 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

Instrument :
MSVOA_X
ClientSampleId :
TT-101D1-20180928

Tgt Ion: 97 Resp: 1072

Ion	Ratio	Lower	Upper
97	100		
99	0.0	54.6	82.0#
61	23.8	37.5	56.3#

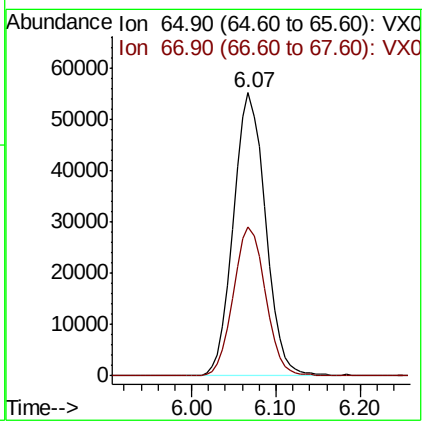


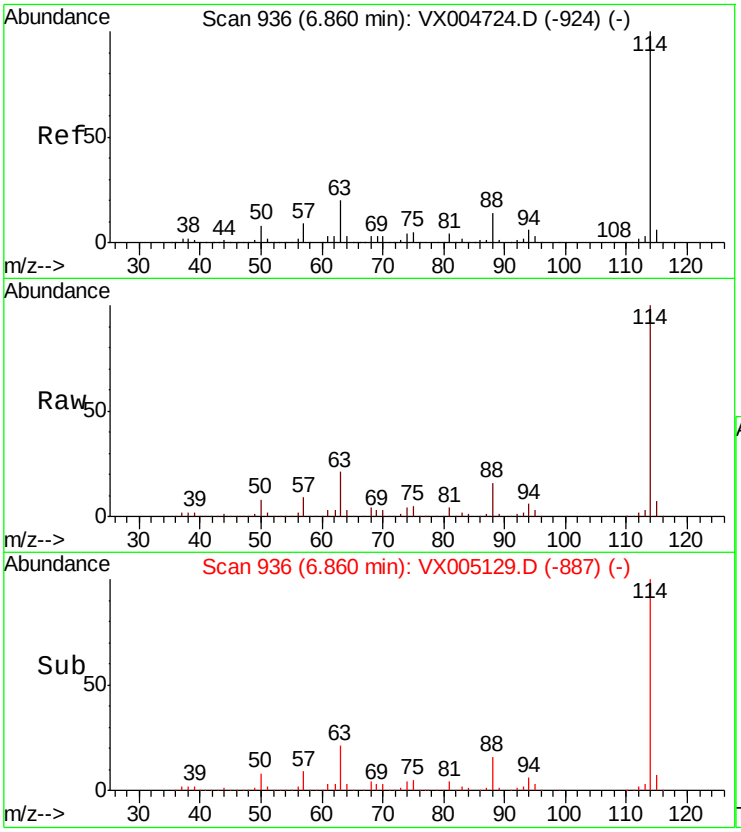


#33
1,2-Dichloroethane-d4
Concen: 52.795 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

Tgt Ion: 65 Resp: 142578

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	107.4



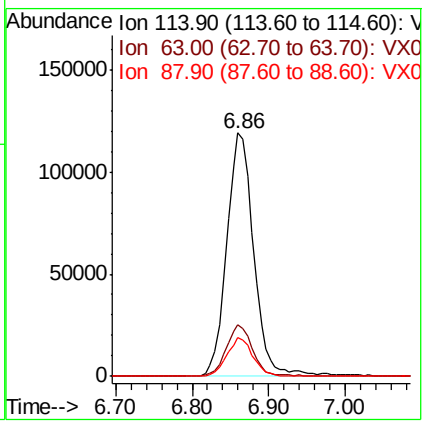


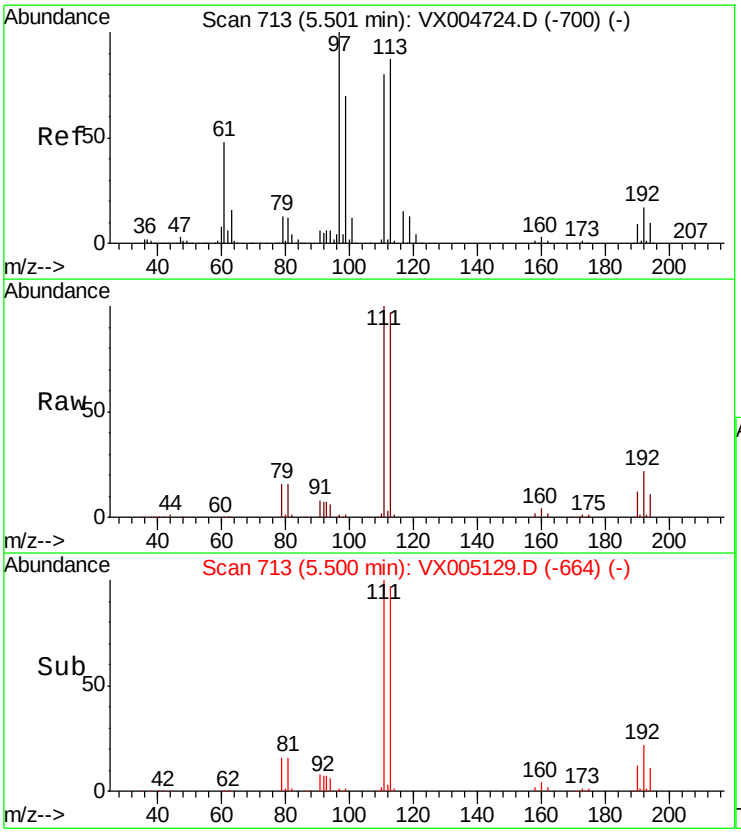
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

Instrument :
MSVOA_X
ClientSampleId :
TT-101D1-20180928

Tgt Ion:114 Resp: 291743

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	39.8
88	15.9	0.0	27.0

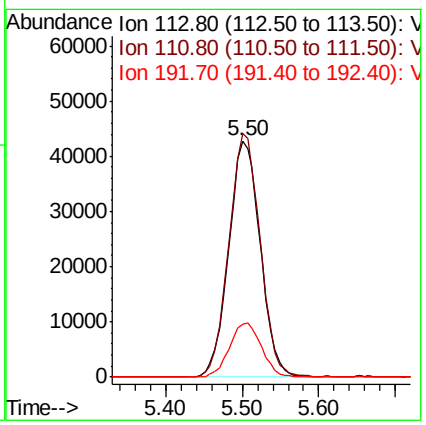


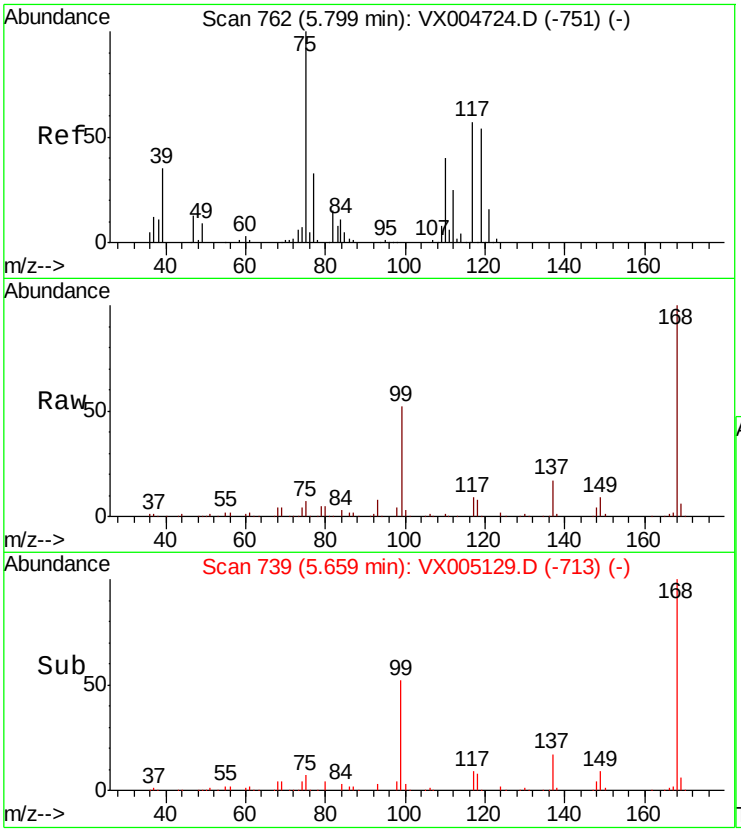


#35
Dibromofluoromethane
Concen: 49.394 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

Tgt Ion:113 Resp: 122129

Ion	Ratio	Lower	Upper
113	100		
111	102.1	77.0	115.4
192	23.2	17.0	25.6



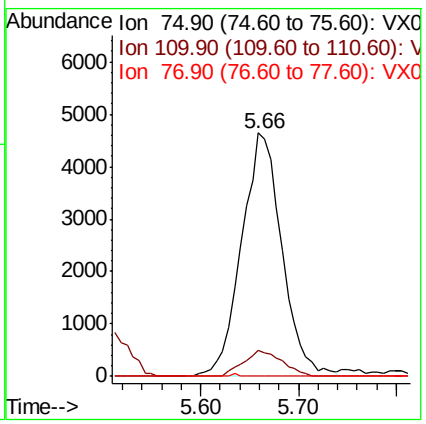


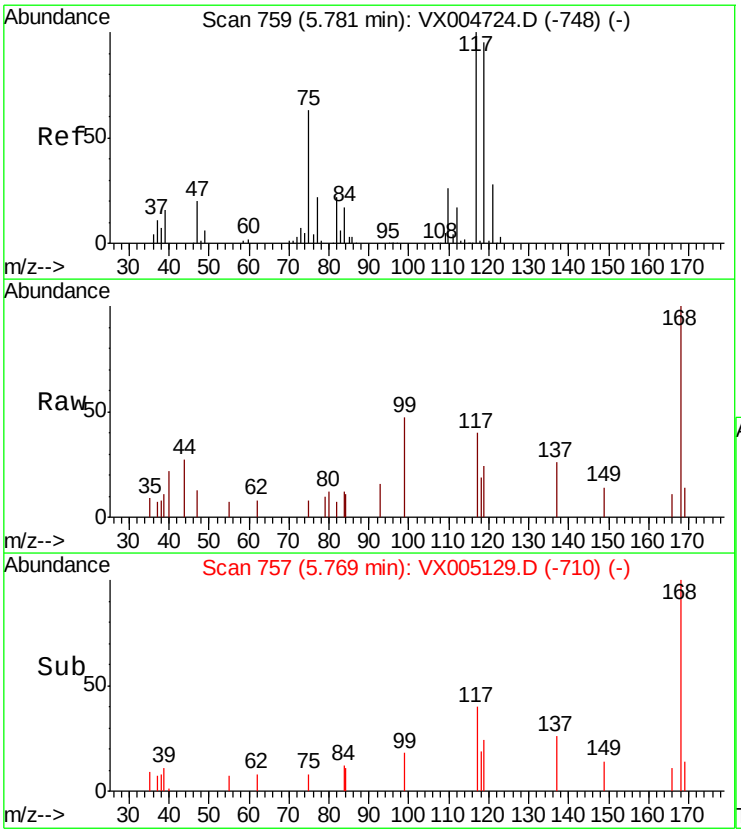
#36
1,1-Dichloropropene
Concen: 3.931 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

Instrument :
MSVOA_X
ClientSampleId :
TT-101D1-20180928

Tgt Ion: 75 Resp: 13261

Ion	Ratio	Lower	Upper
75	100		
110	10.3	20.0	59.9#
77	0.0	27.1	40.7#

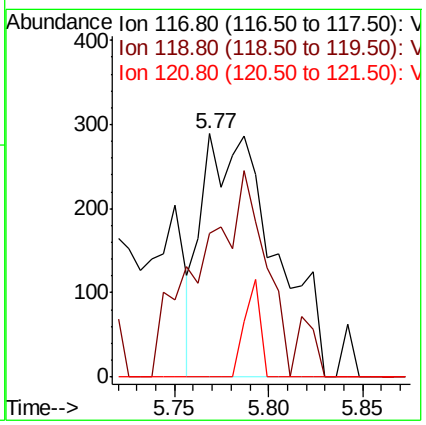


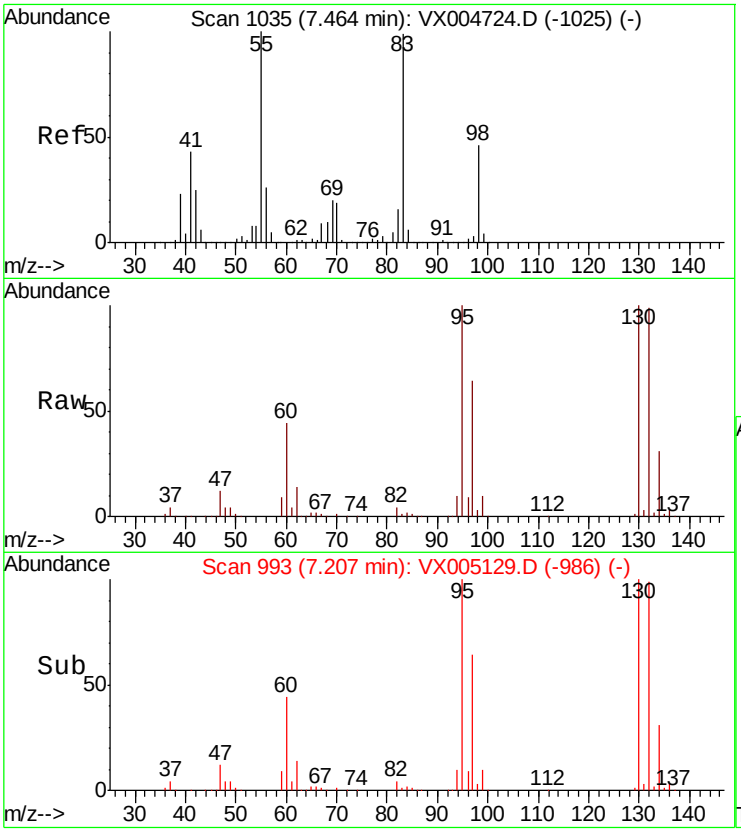


#38
Carbon Tetrachloride
Concen: 0.216 ug/l
RT: 5.77 min Scan# 757
Delta R.T. -0.01 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

Tgt Ion:117 Resp: 767

Ion	Ratio	Lower	Upper
117	100		
119	58.8	75.2	112.8#
121	0.0	22.5	33.7#



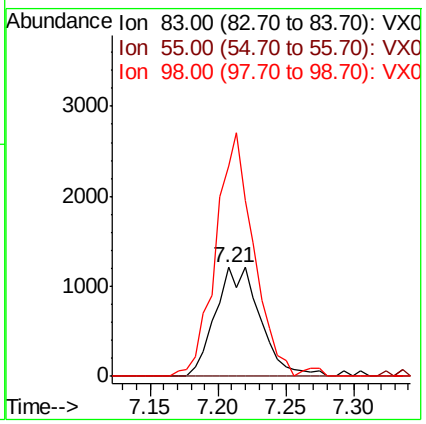


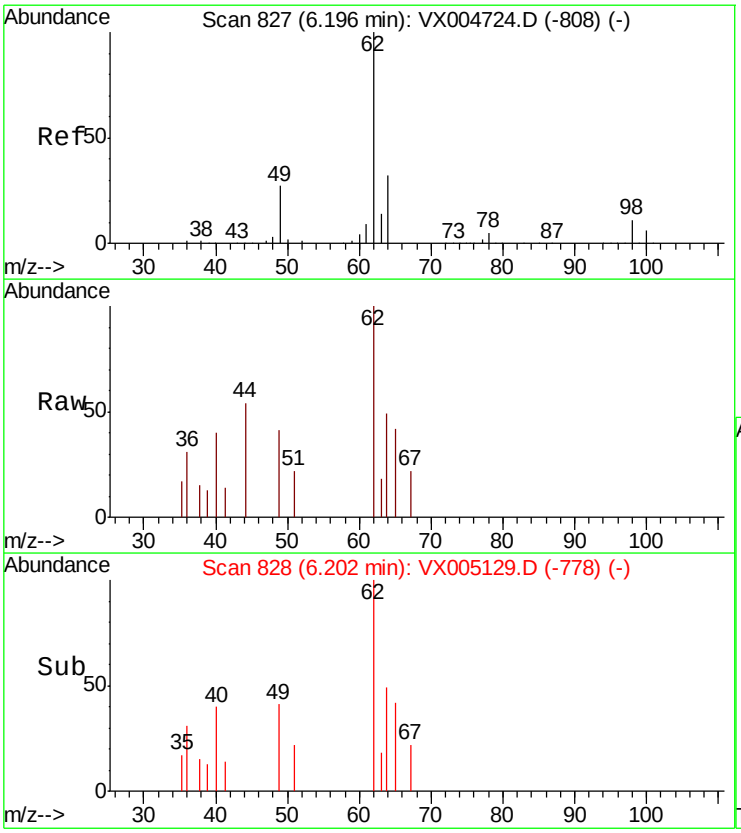
#39
Methylcyclohexane
Concen: 0.809 ug/l
RT: 7.21 min Scan# 993
Delta R.T. -0.26 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

Instrument :
MSVOA_X
ClientSampleId :
TT-101D1-20180928

Tgt Ion: 83 Resp: 2786

Ion	Ratio	Lower	Upper
83	100		
55	0.0	81.1	121.7#
98	192.6	37.3	55.9#

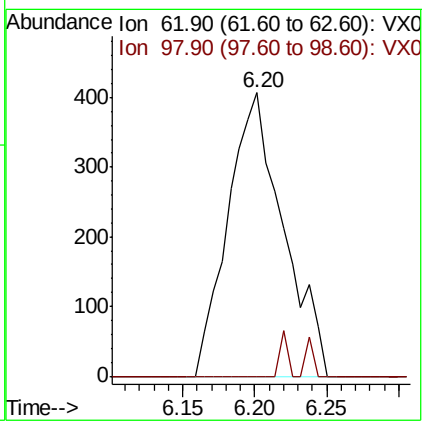


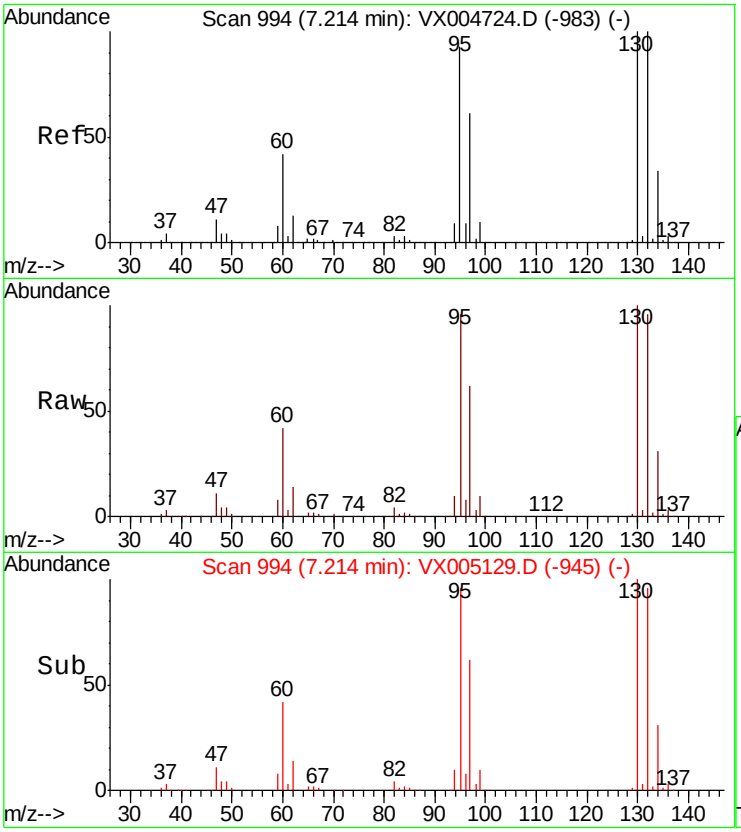


#42
1,2-Dichloroethane
Concen: 0.291 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

Tgt Ion: 62 Resp: 1085

Ion	Ratio	Lower	Upper
62	100		
98	2.2	0.0	20.2



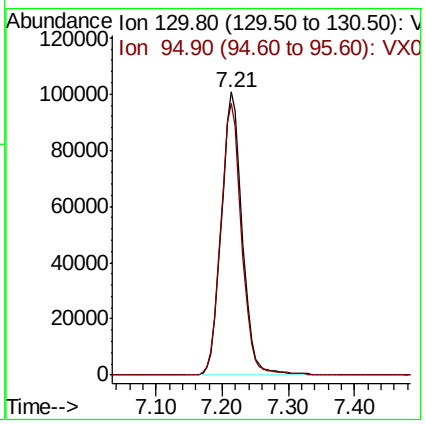


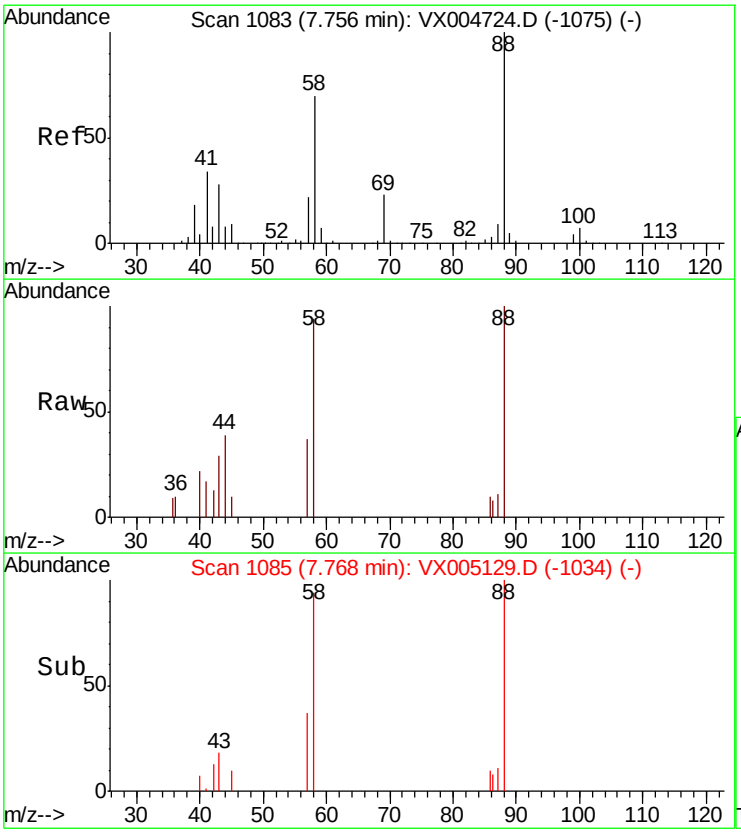
#44
Trichloroethene
Concen: 84.672 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

Instrument :
MSVOA_X
ClientSampleId :
TT-101D1-20180928

Tgt Ion:130 Resp: 219835

Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	186.8

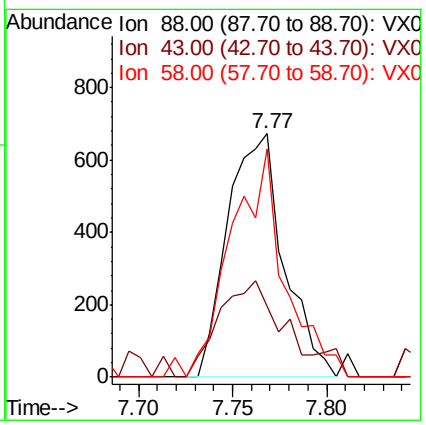


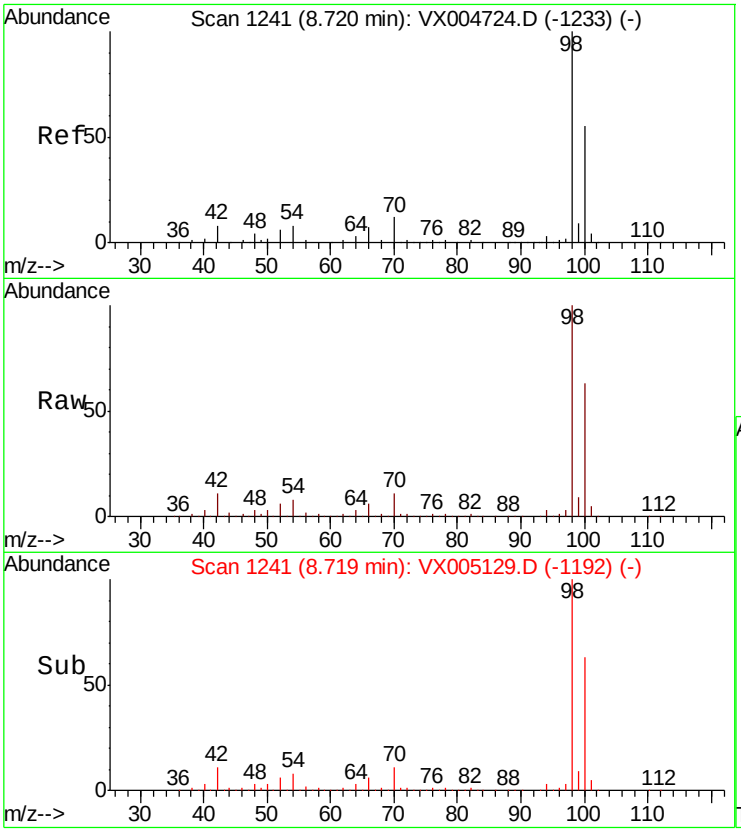


#49
1,4-Dioxane
Concen: 19.099 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.01 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

Tgt Ion: 88 Resp: 1392

Ion	Ratio	Lower	Upper
88	100		
43	48.0	25.1	37.7#
58	90.1	56.2	84.2#



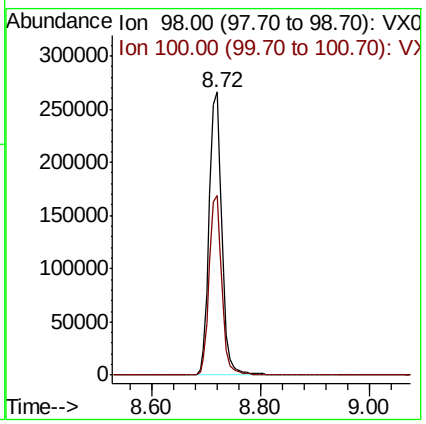


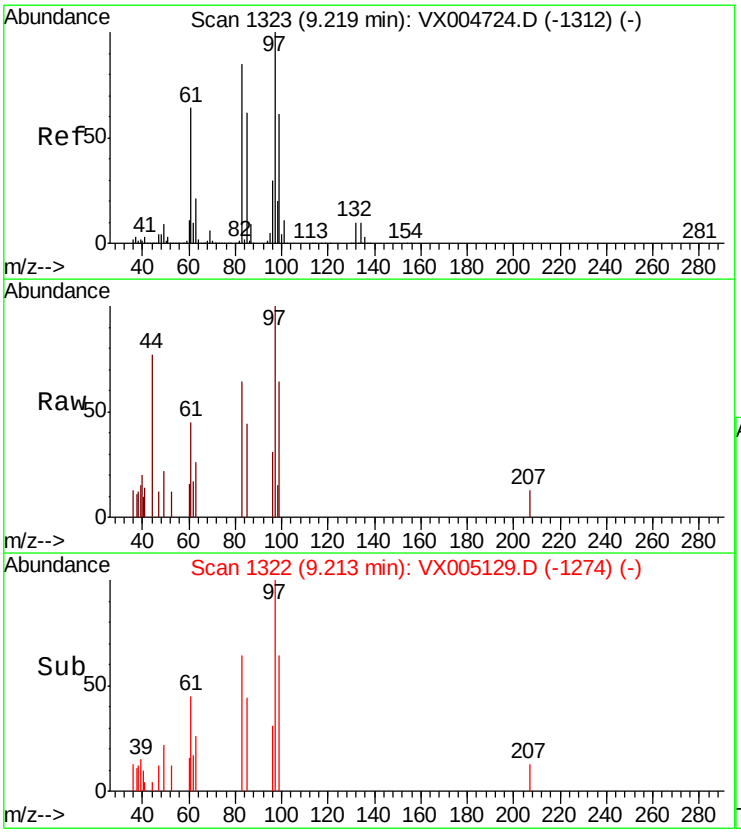
#50
Toluene-d8
Concen: 52.349 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

Instrument : MSVOA_X
ClientSampleId : TT-101D1-20180928

Tgt Ion: 98 Resp: 430310

Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.9	77.9

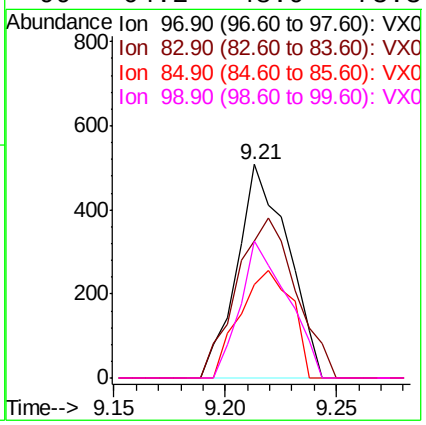


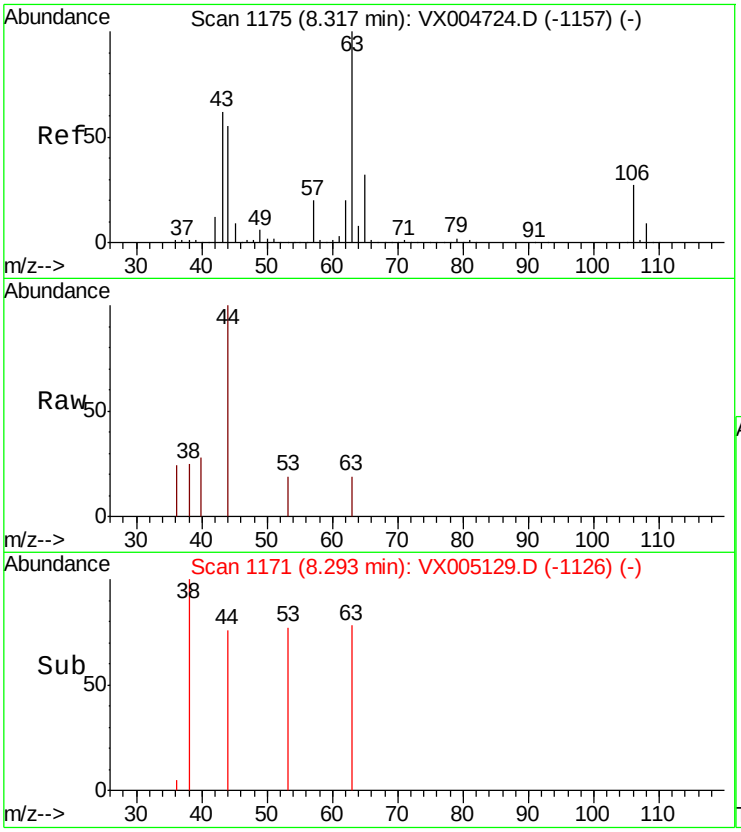


#55
1,1,2-Trichloroethane
Concen: 0.319 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.01 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

Tgt Ion: 97 Resp: 810

Ion	Ratio	Lower	Upper
97	100		
83	64.0	68.2	102.2#
85	43.7	49.9	74.9#
99	64.2	48.9	73.3



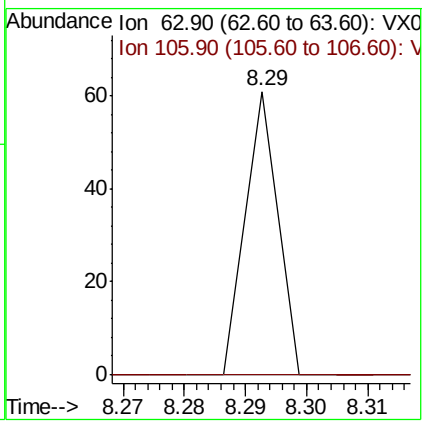


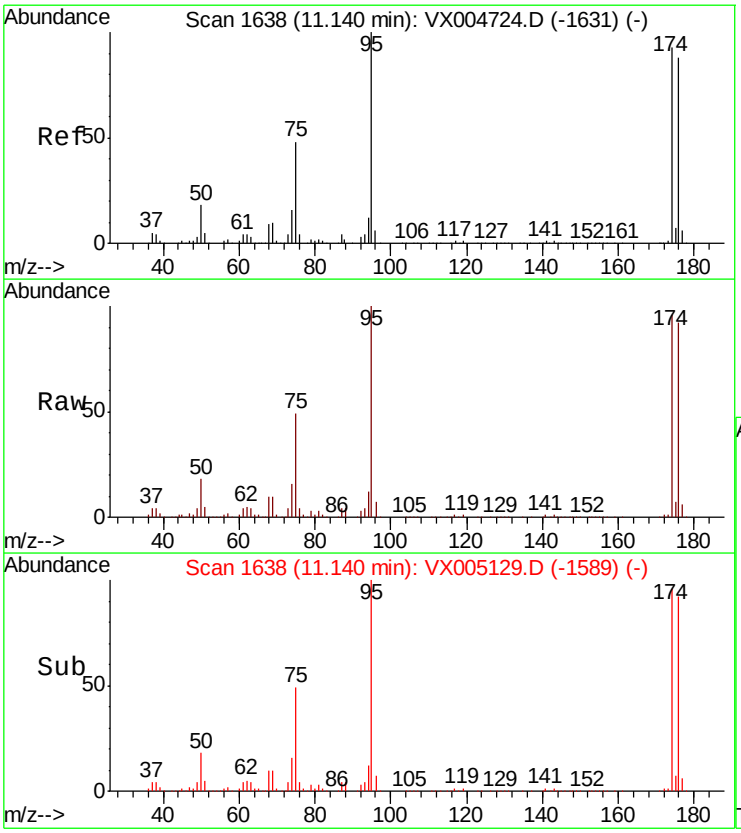
#58
2-Chloroethyl Vinyl ether
Concen: 14.252 ug/l
RT: 8.29 min Scan# 1171
Delta R.T. -0.02 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

Instrument :
MSVOA_X
ClientSampleId :
TT-101D1-20180928

Tgt Ion: 63 Resp: 22

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.0	31.6#

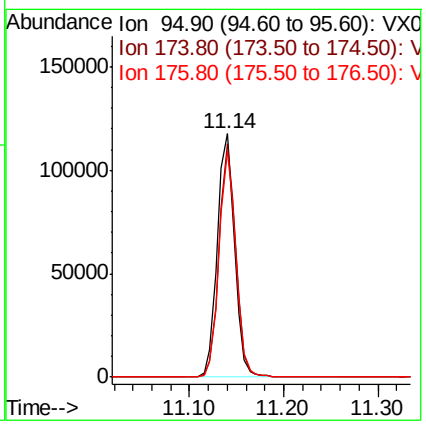


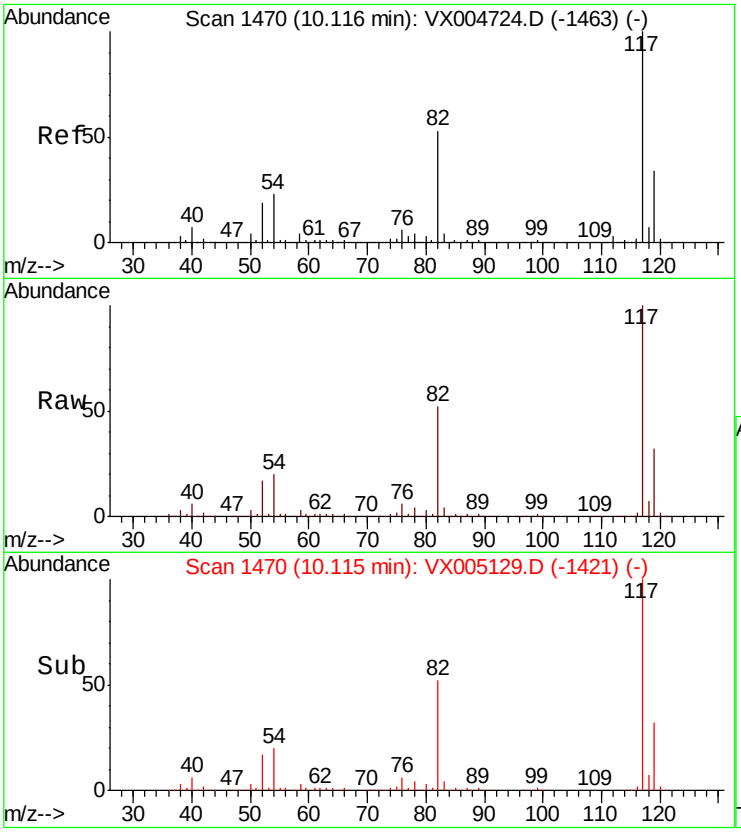


#62
4-Bromofluorobenzene
Concen: 50.766 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

Tgt Ion: 95 Resp: 150334

Ion	Ratio	Lower	Upper
95	100		
174	93.2	0.0	185.0
176	90.1	0.0	180.2



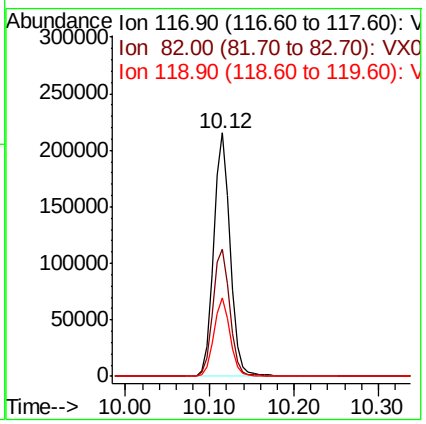


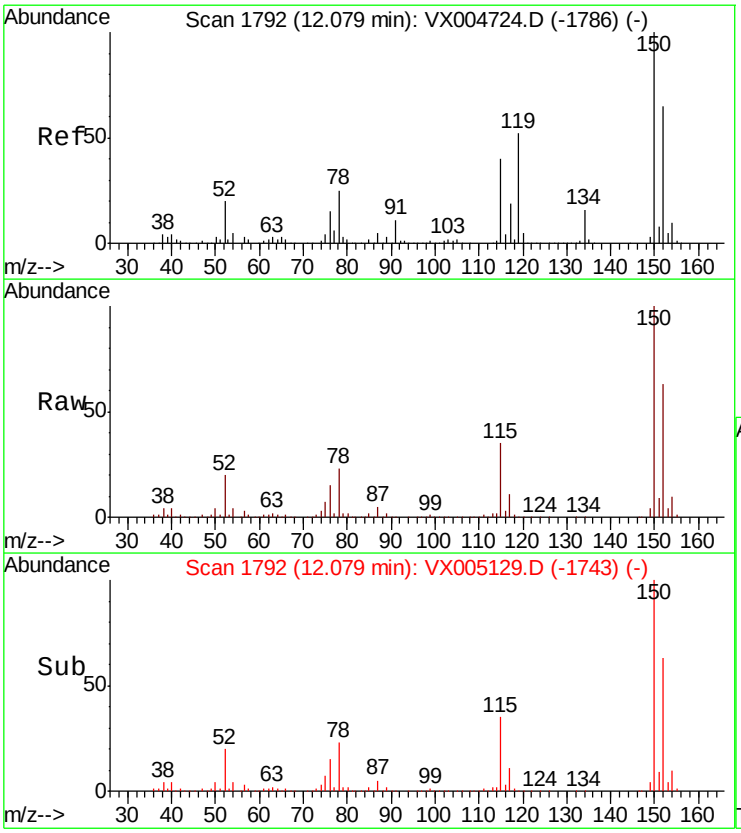
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

Instrument :
MSVOA_X
ClientSampleId :
TT-101D1-20180928

Tgt Ion:117 Resp: 292554

Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.2	63.4
119	32.2	27.4	41.0

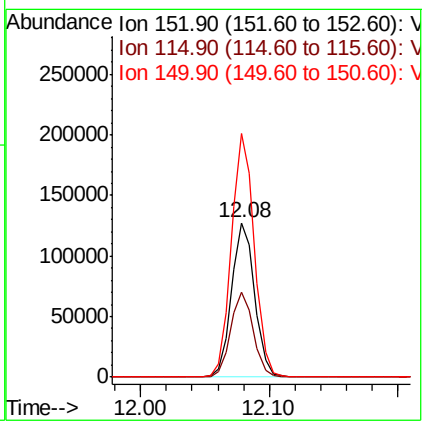


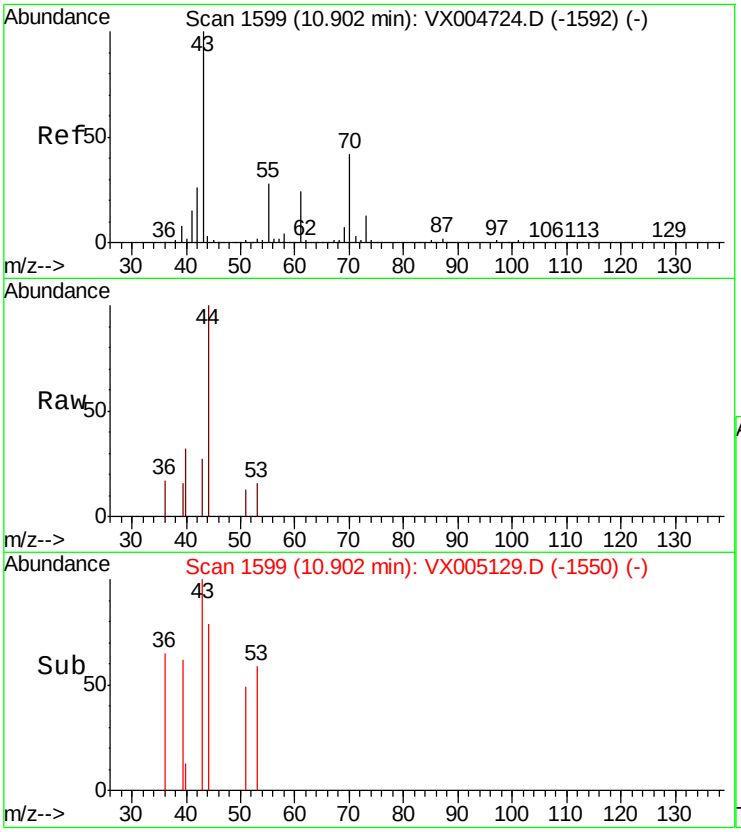


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

Tgt Ion:152 Resp: 159279

Ion	Ratio	Lower	Upper
152	100		
115	54.2	40.2	120.6
150	156.4	0.0	351.0



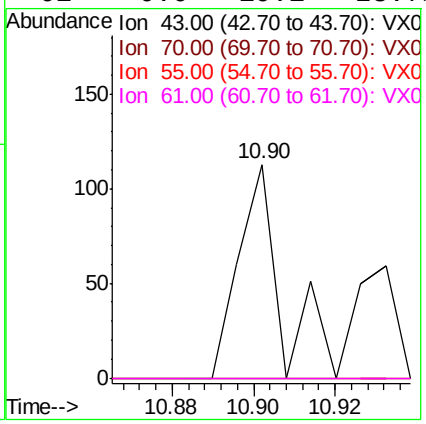


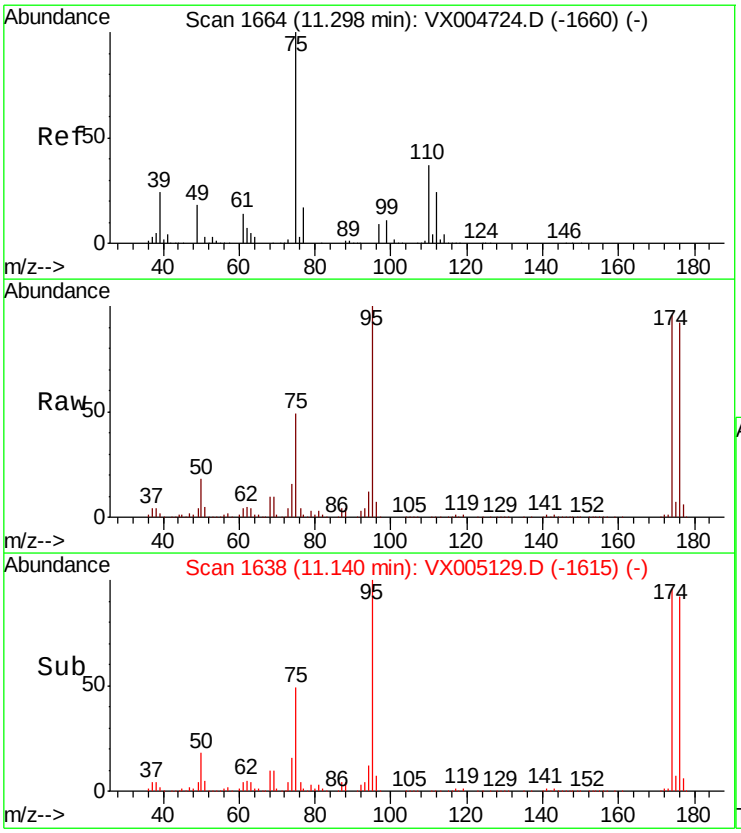
#74
N-amyl acetate
Concen: 1.762 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

Instrument : MSVOA_X
ClientSampleId : TT-101D1-20180928

Tgt Ion: 43 Resp: 82

Ion	Ratio	Lower	Upper
43	100		
70	0.0	32.6	48.8#
55	0.0	21.6	32.4#
61	0.0	19.1	28.7#

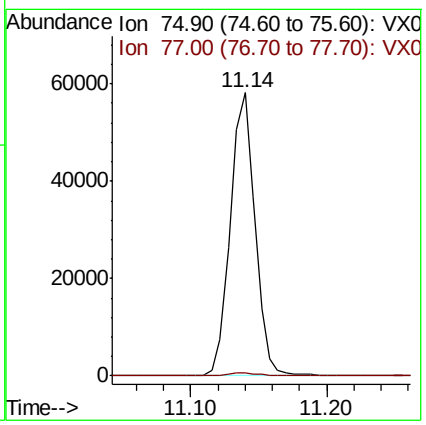


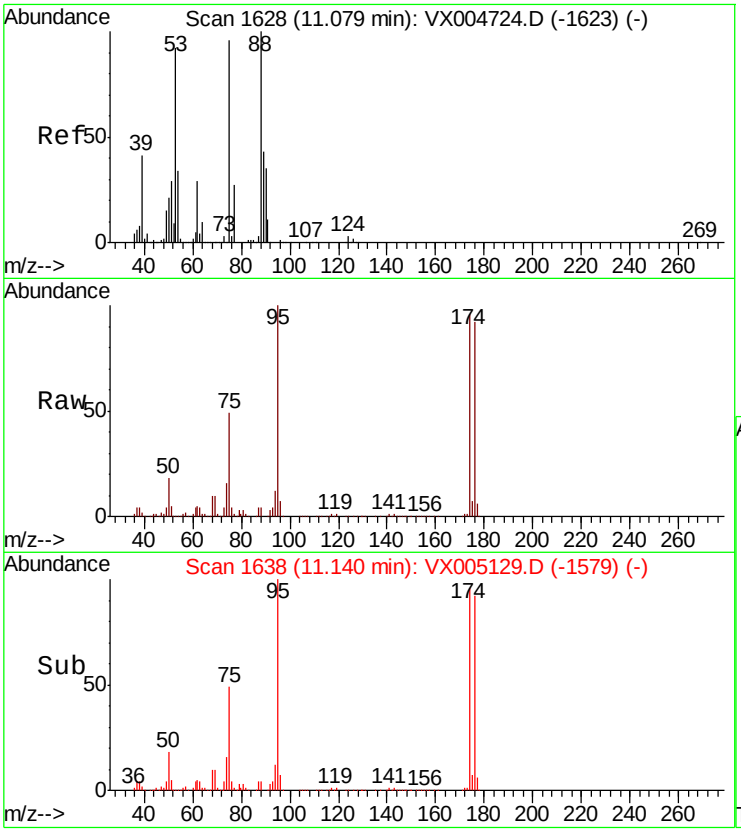


#76
1,2,3-Trichloropropane
Concen: 20.624 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

Tgt Ion: 75 Resp: 73629

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.4	64.3#



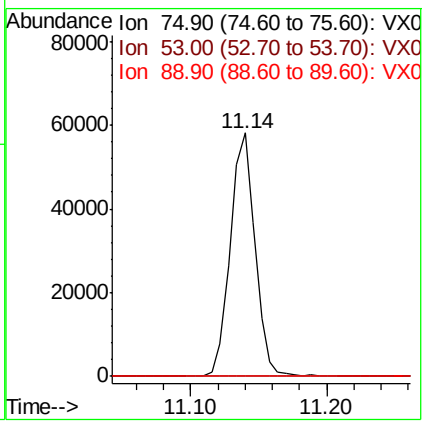


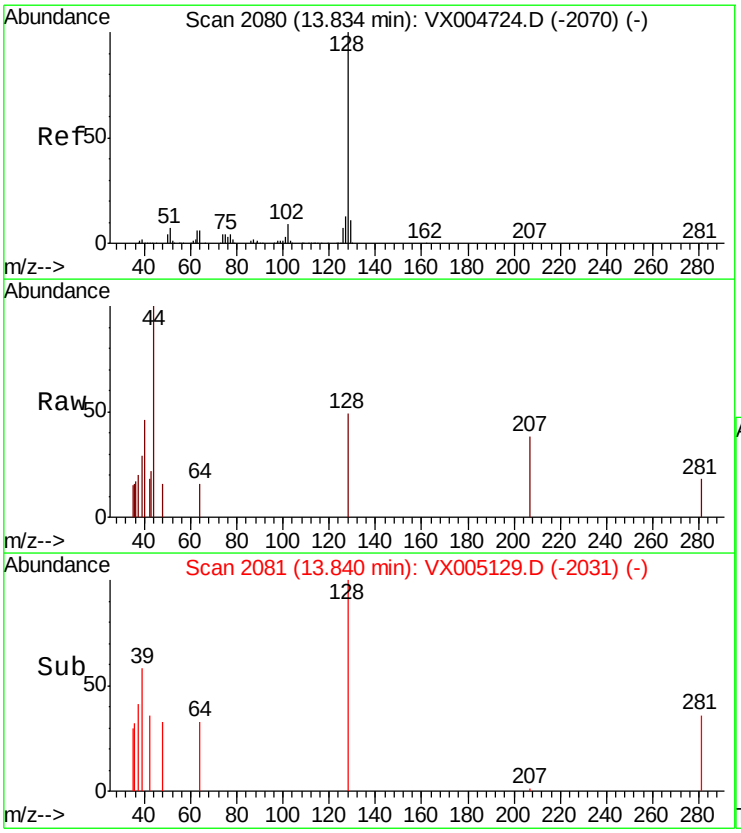
#81
trans-1,4-Dichloro-2-butene
Concen: 56.002 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

Instrument :
MSVOA_X
ClientSampleId :
TT-101D1-20180928

Tgt Ion: 75 Resp: 73629

Ion	Ratio	Lower	Upper
75	100		
53	0.3	80.2	120.4#
89	0.0	37.1	55.7#





#95
Naphthalene
Concen: 0.733 ug/l
RT: 13.84 min Scan# 2081
Delta R.T. 0.01 min
Lab File: VX005129.D
Acq: 08 Oct 2018 16:02

Tgt Ion:128 Resp: 177

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.7	13.1#