Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
Data File : VX005147.D
Acq On : 09 Oct 2018 00:56
Operator : JC/MD
Sample : J5189-04DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE-131D2-20180927DL

Quant Time: Oct 09 06:01:12 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	191410	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	286317	50.00 ug/l	0.00
63) Chlorobenzene-d5	10.12	117	283810	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	156661	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	6.07	65	144393	52.81 ug/l	0.00
Spiked Amount 50.000			Recovery = 105.62%		
35) Dibromofluoromethane	5.51	113	127326	52.47 ug/l	0.00
Spiked Amount 50.000			Recovery = 104.94%		
50) Toluene-d8	8.71	98	419678	52.02 ug/l	0.00
Spiked Amount 50.000			Recovery = 104.04%		
62) 4-Bromofluorobenzene	11.14	95	148515	51.10 ug/l	0.00
Spiked Amount 50.000			Recovery = 102.20%		
Target Compounds					Qvalue
5) Bromomethane	1.65	94	720	0.409 ug/l #	78
6) Chloroethane	1.71	64	206	Below Cal #	54
9) 1,1,2-Trichlorotrifluoroet	2.39	101	70806	33.810 ug/l	100
11) Tert butyl alcohol	3.01	59	3718	4.863 ug/l #	89
12) 1,1-Dichloroethene	2.37	96	974	0.470 ug/l	90
13) Acrolein	2.31	56	186	0.342 ug/l #	81
16) Acetone	2.45	43	1859	1.165 ug/l #	87
20) Methylene Chloride	2.85	84	639	Below Cal	90
27) cis-1,2-Dichloroethene	4.60	96	3019	1.190 ug/l	88
29) Tetrahydrofuran	5.18	42	810	0.554 ug/l #	86
31) Cyclohexane	5.67	56	3704	1.065 ug/l #	8
36) 1,1-Dichloropropene	5.66	75	13365	4.037 ug/l #	46
38) Carbon Tetrachloride	5.67	117	17519	5.034 ug/l #	18
44) Trichloroethene	7.21	130	33254	13.051 ug/l	99
49) 1,4-Dioxane	7.76	88	331	4.628 ug/l #	87
56) Ethyl methacrylate	9.14	69	19	2.867 ug/l #	40
60) Dibromochloromethane	9.34	129	1617	0.648 ug/l #	10
64) Tetrachloroethene	9.34	164	1565	0.560 ug/l #	89
70) Styrene	10.73	104	42	2.146 ug/l #	25
74) N-amyl acetate	10.91	43	114	1.768 ug/l #	43
76) 1,2,3-Trichloropropane	11.14	75	72991	20.787 ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	127	Below Cal	67
81) trans-1,4-Dichloro-2-buten	11.14	75	72991	56.428 ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	319	Below Cal #	50
95) Naphthalene	13.83	128	372	0.748 ug/l #	69

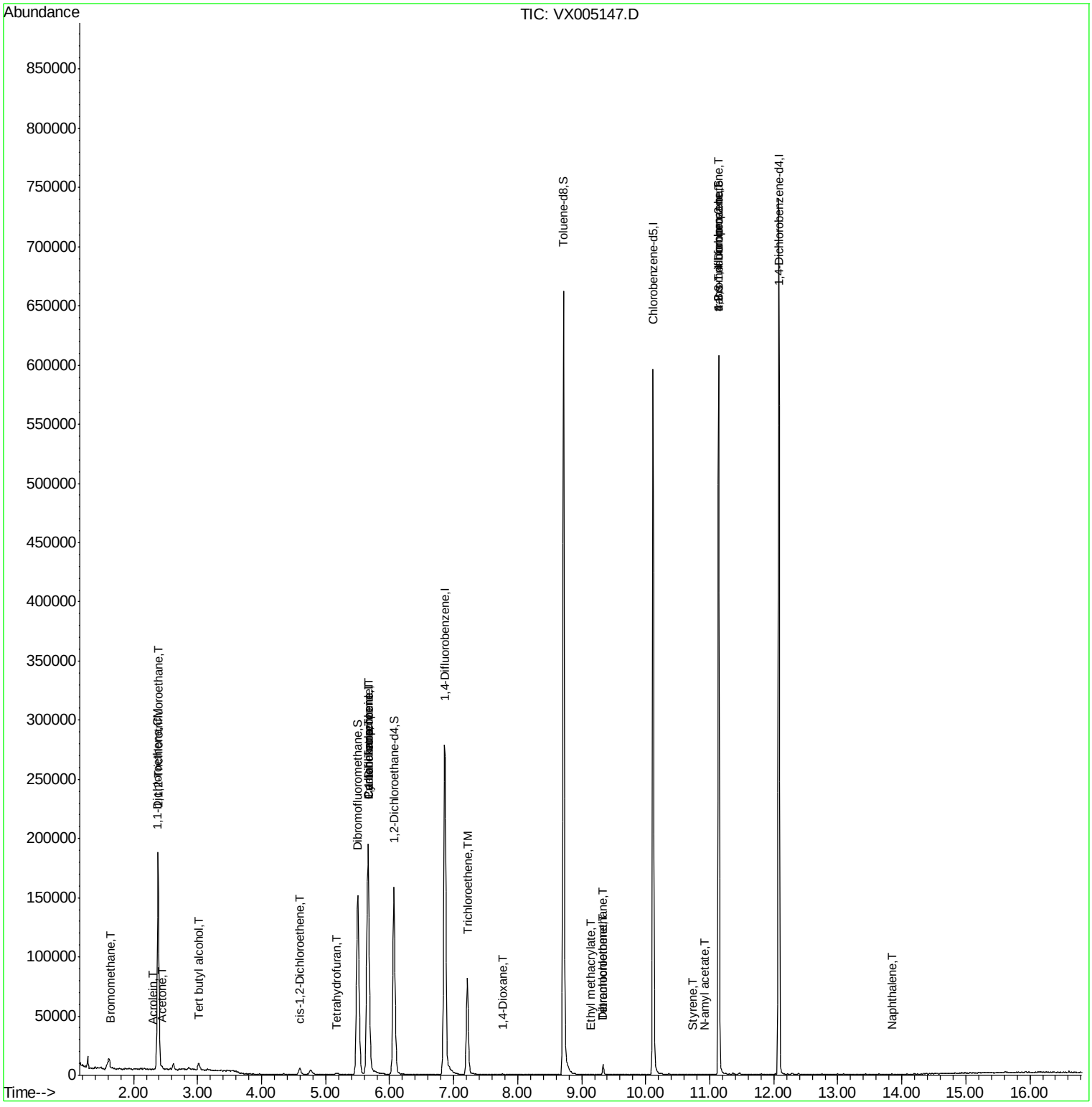
(#) = qualifier out of range (m) = manual integration (+) = signals summed

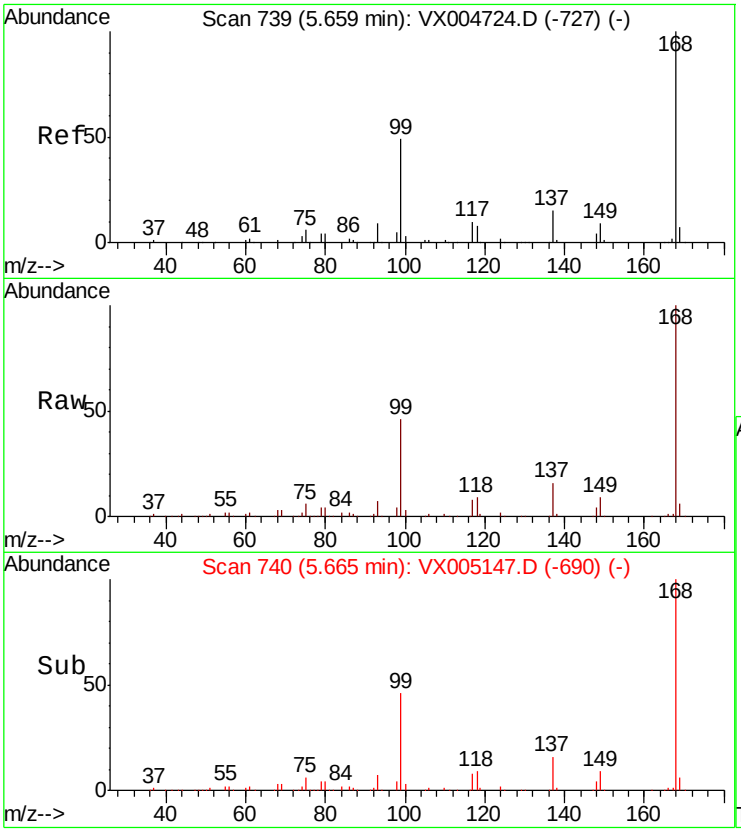
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
Data File : VX005147.D
Acq On : 09 Oct 2018 00:56
Operator : JC/MD
Sample : J5189-04DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE-131D2-20180927DL

Quant Time: Oct 09 06:01:12 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



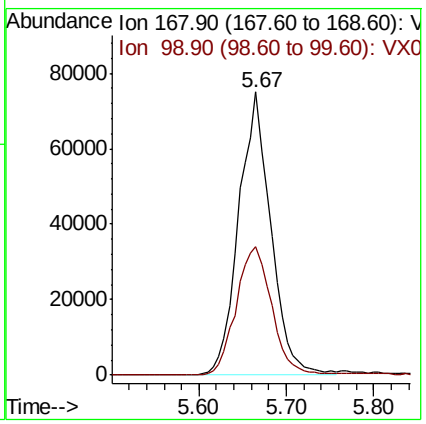


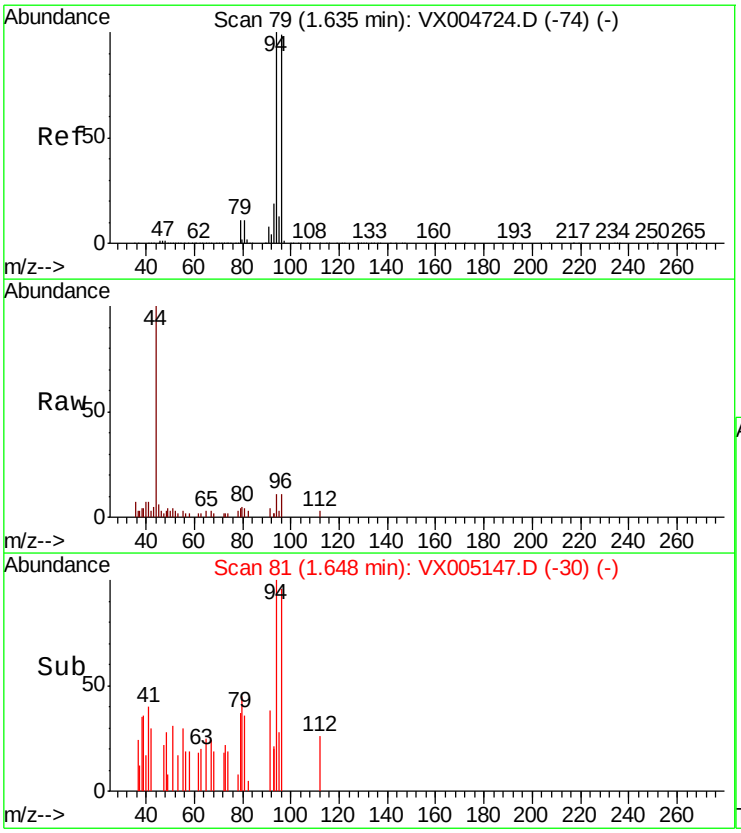
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005147.D
Acq: 09 Oct 2018 00:56

Instrument :
MSVOA_X
ClientSampleId :
RE-131D2-20180927DL

Tgt Ion:168 Resp: 191410

Ion	Ratio	Lower	Upper
168	100		
99	45.5	39.3	58.9

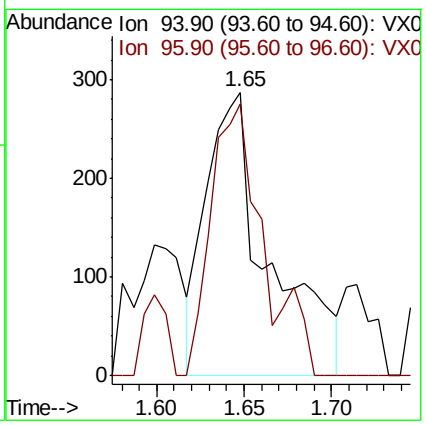


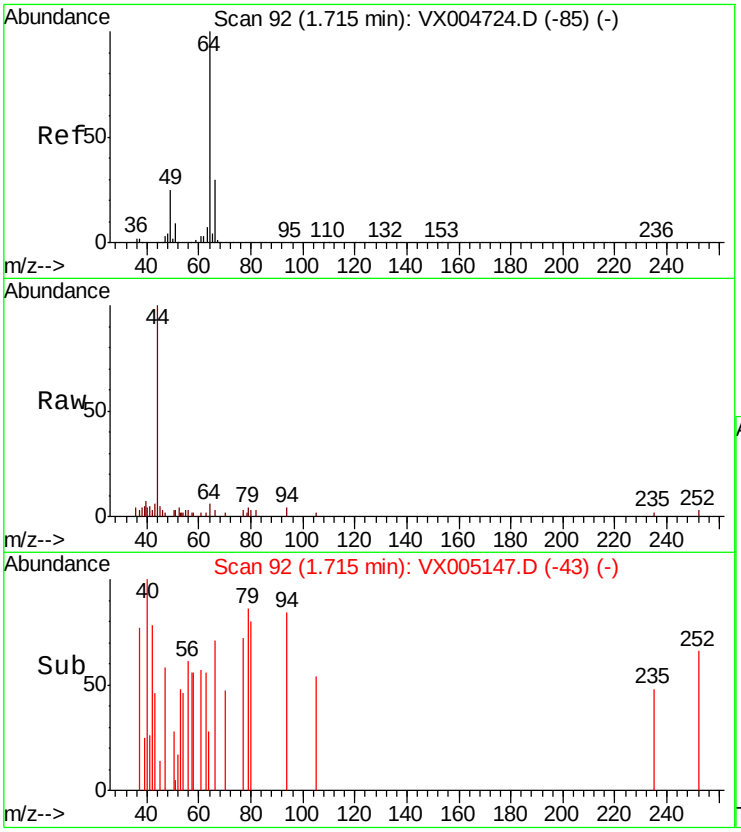


#5
Bromomethane
Concen: 0.409 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX005147.D
Acq: 09 Oct 2018 00:56

Tgt Ion: 94 Resp: 720

Ion	Ratio	Lower	Upper
94	100		
96	121.1	79.5	119.3#



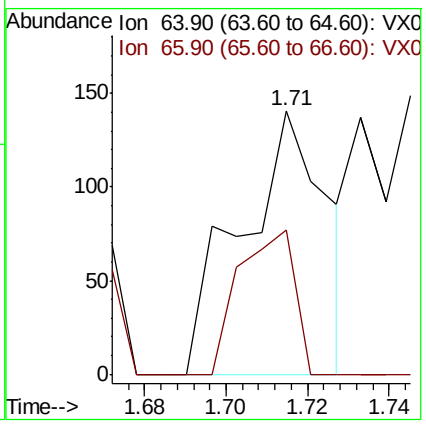


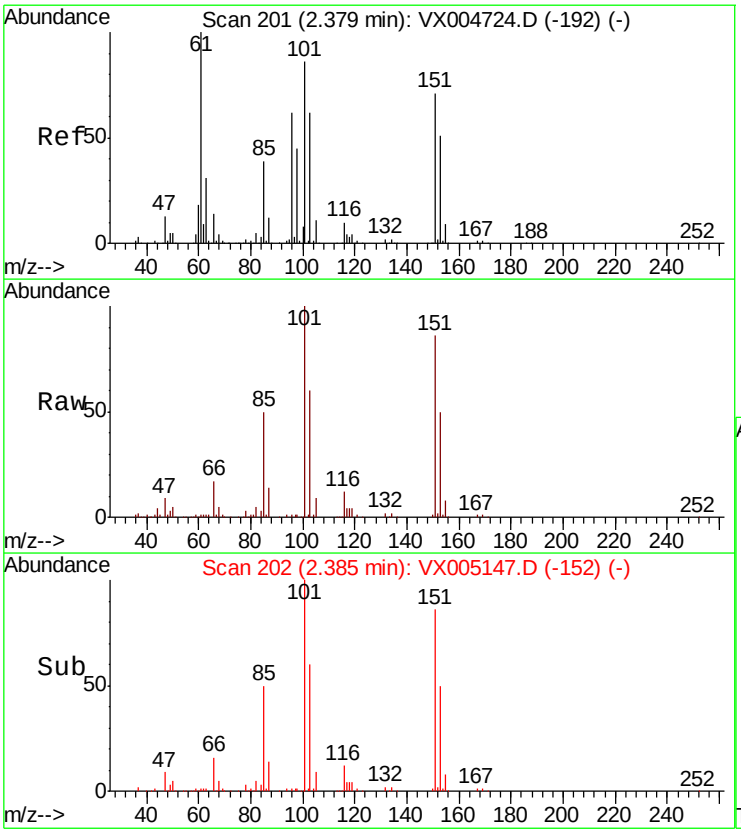
#6
Chloroethane
Concen: Below Cal
RT: 1.71 min Scan# 92
Delta R.T. 0.00 min
Lab File: VX005147.D
Acq: 09 Oct 2018 00:56

Instrument :
MSVOA_X
ClientSampleId :
RE-131D2-20180927DL

Tgt Ion: 64 Resp: 206

Ion	Ratio	Lower	Upper
64	100		
66	54.6	23.8	35.6#

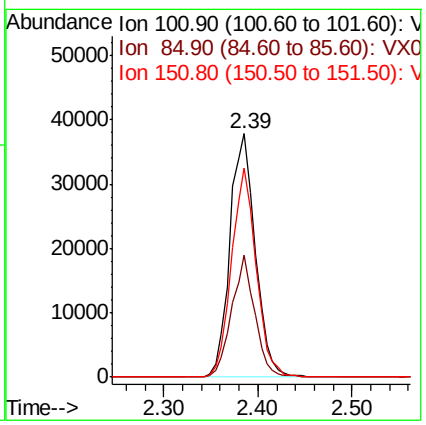


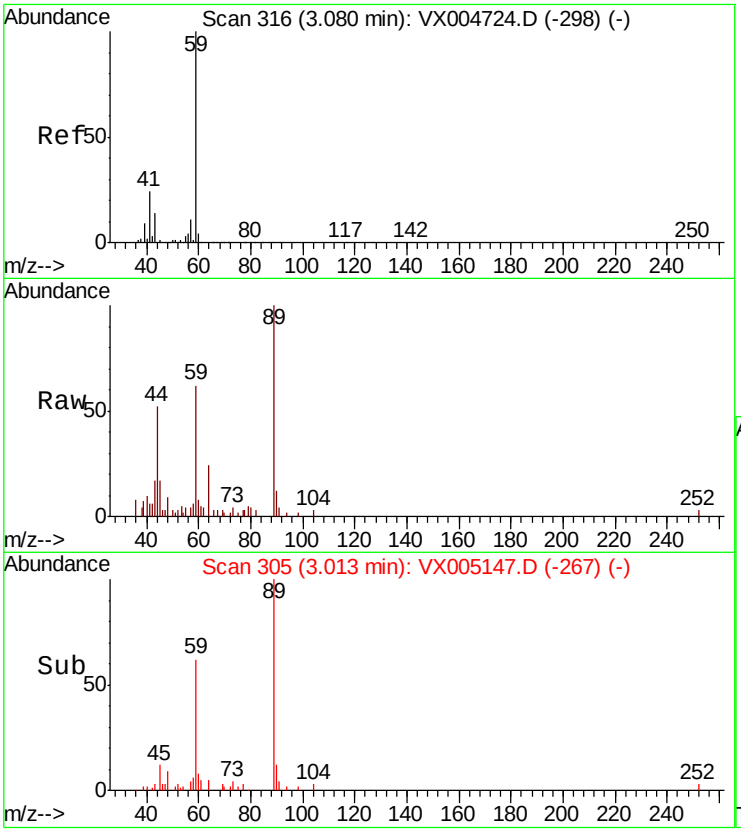


#9
1,1,2-Trichlorotrifluoroethane
Concen: 33.810 ug/l
RT: 2.39 min Scan# 202
Delta R.T. 0.01 min
Lab File: VX005147.D
Acq: 09 Oct 2018 00:56

Tgt Ion:101 Resp: 70806

Ion	Ratio	Lower	Upper
101	100		
85	45.6	35.9	53.9
151	83.4	66.6	100.0



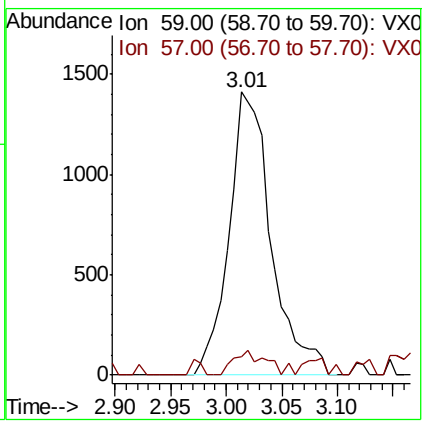


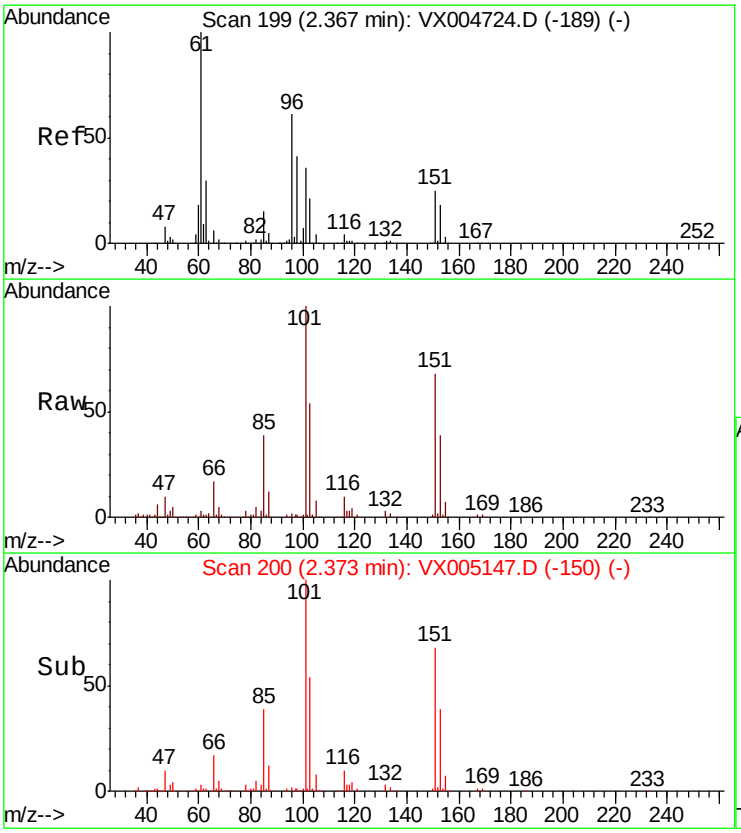
#11
Tert butyl alcohol
Concen: 4.863 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.07 min
Lab File: VX005147.D
Acq: 09 Oct 2018 00:56

Instrument : MSVOA_X
ClientSampleId : RE-131D2-20180927DL

Tgt Ion: 59 Resp: 3718

Ion	Ratio	Lower	Upper
59	100		
57	6.4	8.6	12.8#

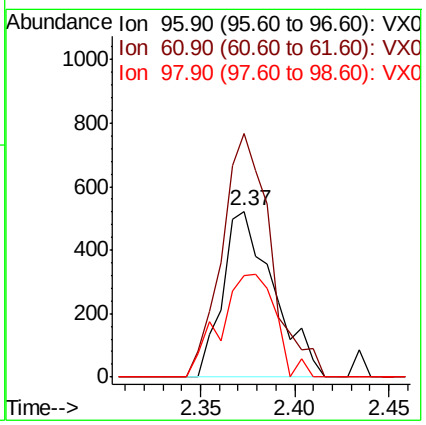


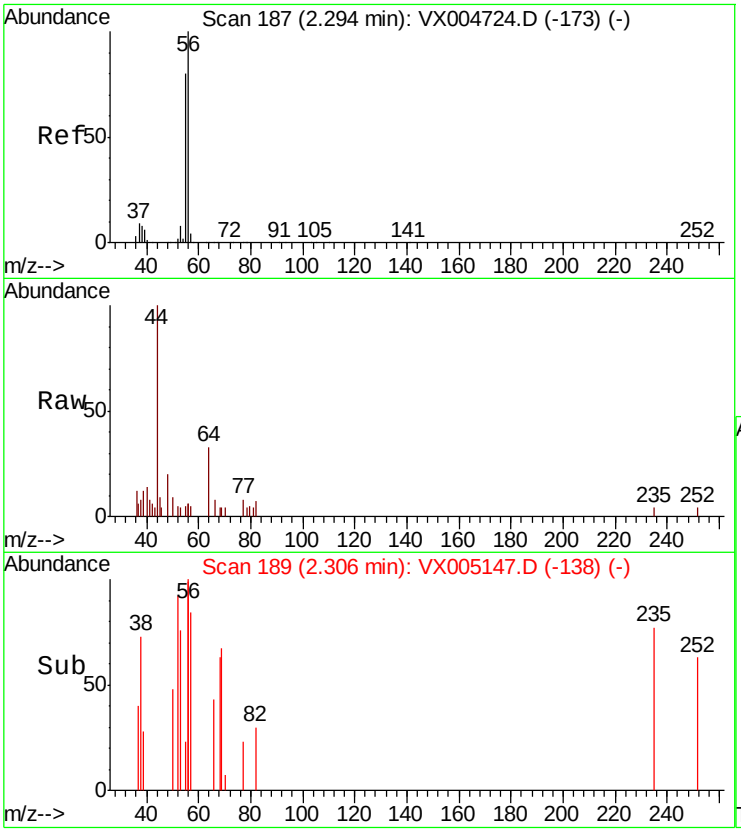


#12
1,1-Dichloroethene
Concen: 0.470 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX005147.D
Acq: 09 Oct 2018 00:56

Tgt Ion: 96 Resp: 974

Ion	Ratio	Lower	Upper
96	100		
61	146.9	130.2	195.4
98	61.5	53.4	80.0



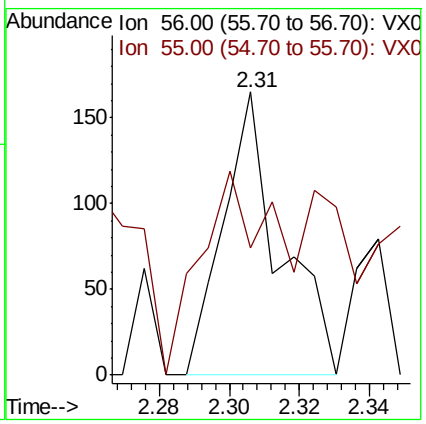


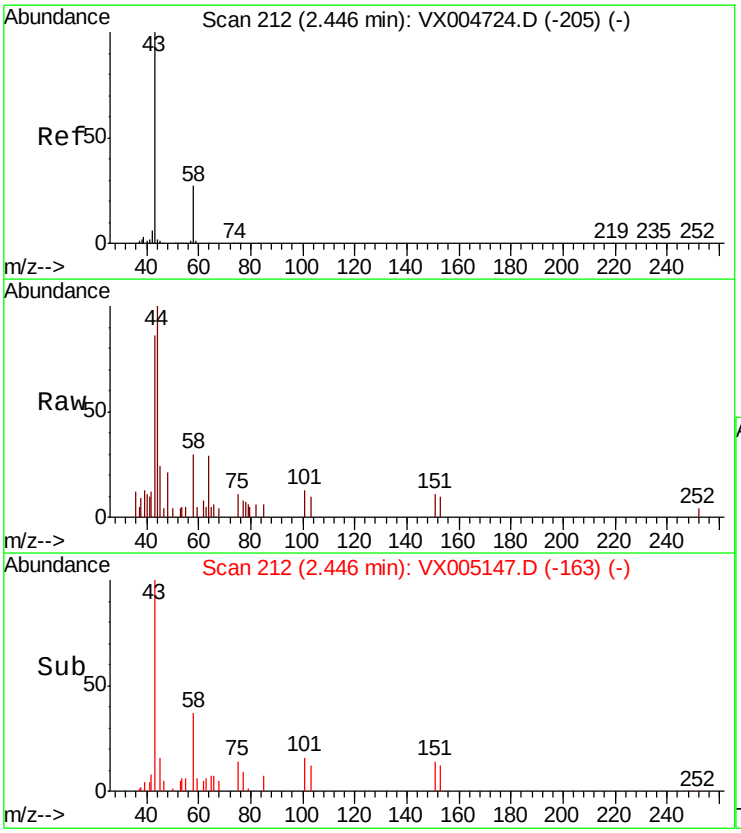
#13
Acrolein
Concen: 0.342 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX005147.D
Acq: 09 Oct 2018 00:56

Instrument :
MSVOA_X
ClientSampleId :
RE-131D2-20180927DL

Tgt Ion: 56 Resp: 186

Ion	Ratio	Lower	Upper
56	100		
55	95.7	63.4	95.2#

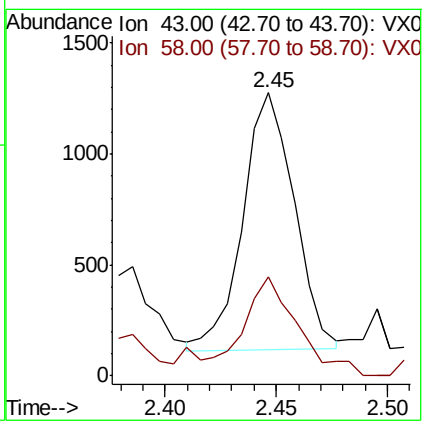


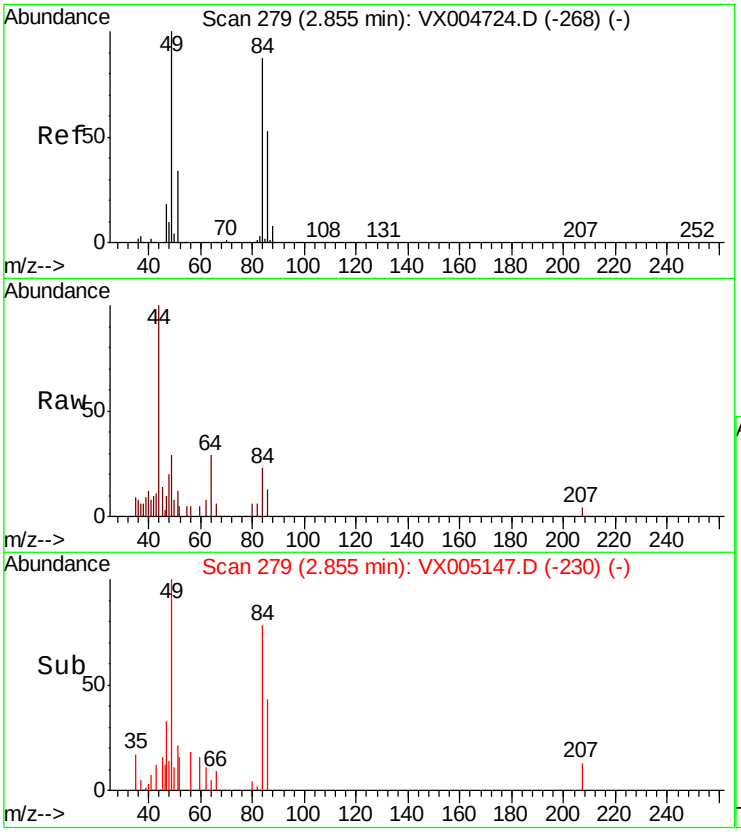


#16
Acetone
Concen: 1.165 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX005147.D
Acq: 09 Oct 2018 00:56

Tgt Ion: 43 Resp: 1859

Ion	Ratio	Lower	Upper
43	100		
58	33.7	21.8	32.6#



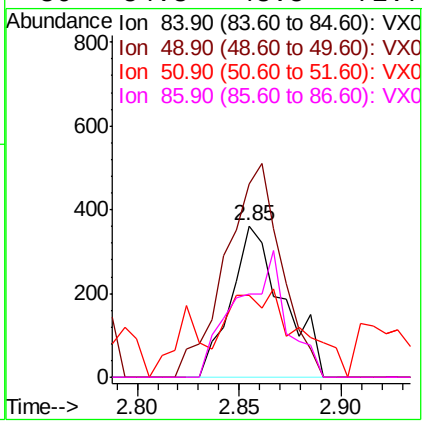


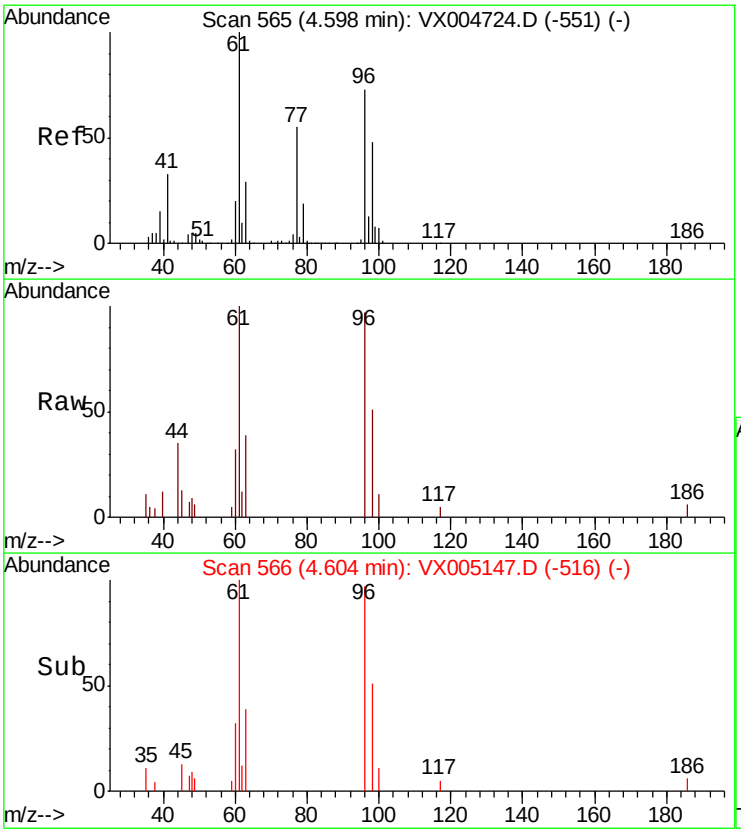
#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005147.D
Acq: 09 Oct 2018 00:56

Instrument : MSVOA_X
ClientSampleId : RE-131D2-20180927DL

Tgt Ion: 84 Resp: 639

Ion	Ratio	Lower	Upper
84	100		
49	128.3	92.3	138.5
51	34.9	31.8	47.6
86	54.8	48.5	72.7

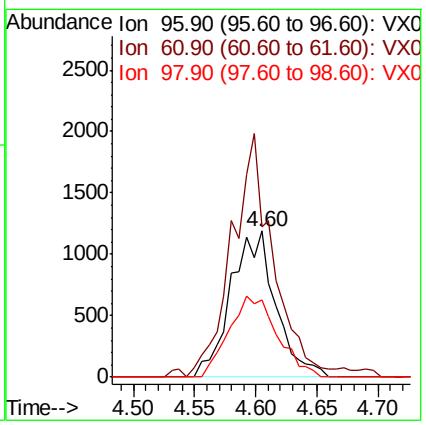


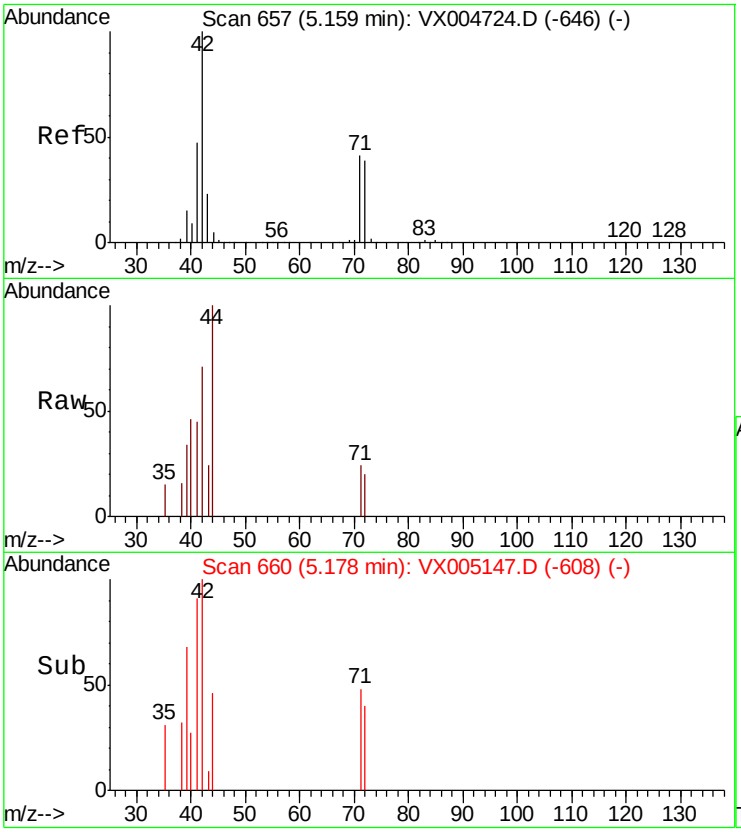


#27
cis-1,2-Dichloroethene
Concen: 1.190 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX005147.D
Acq: 09 Oct 2018 00:56

Tgt Ion: 96 Resp: 3019

Ion	Ratio	Lower	Upper
96	100		
61	158.8	0.0	285.8
98	59.9	0.0	136.2



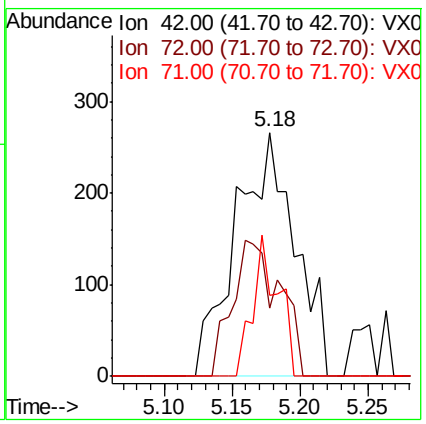


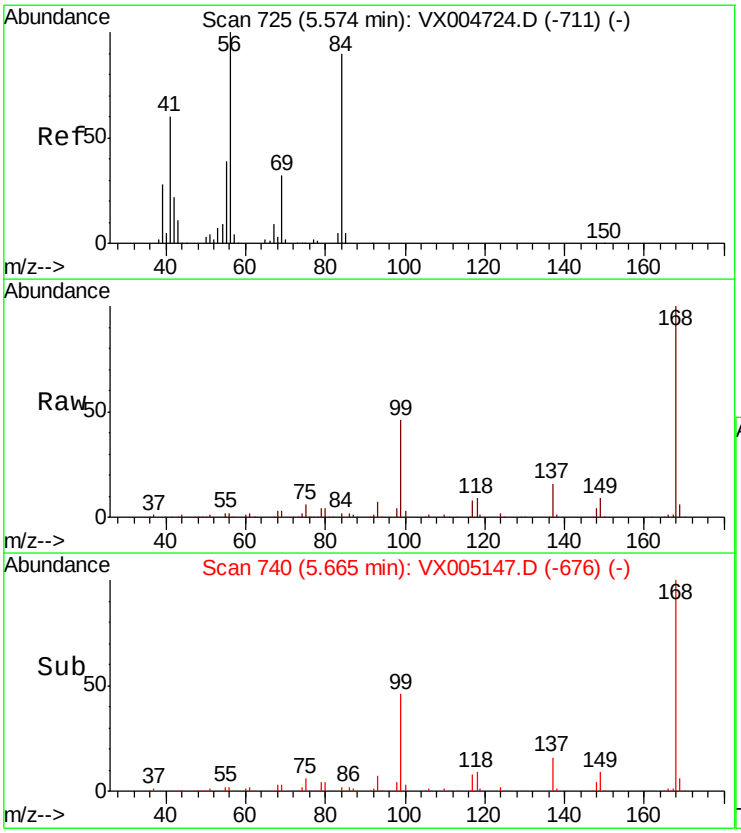
#29
Tetrahydrofuran
Concen: 0.554 ug/l
RT: 5.18 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX005147.D
Acq: 09 Oct 2018 00:56

Instrument :
MSVOA_X
ClientSampleId :
RE-131D2-20180927DL

Tgt Ion: 42 Resp: 810

Ion	Ratio	Lower	Upper
42	100		
72	44.3	33.7	50.5
71	24.7	32.2	48.4#

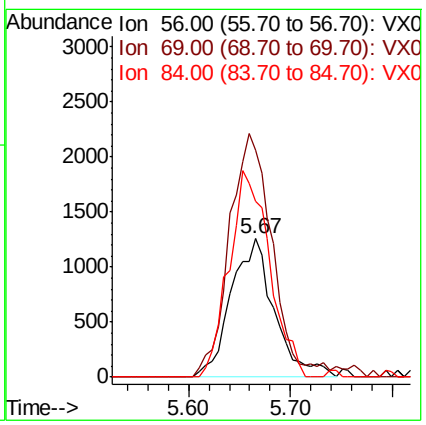


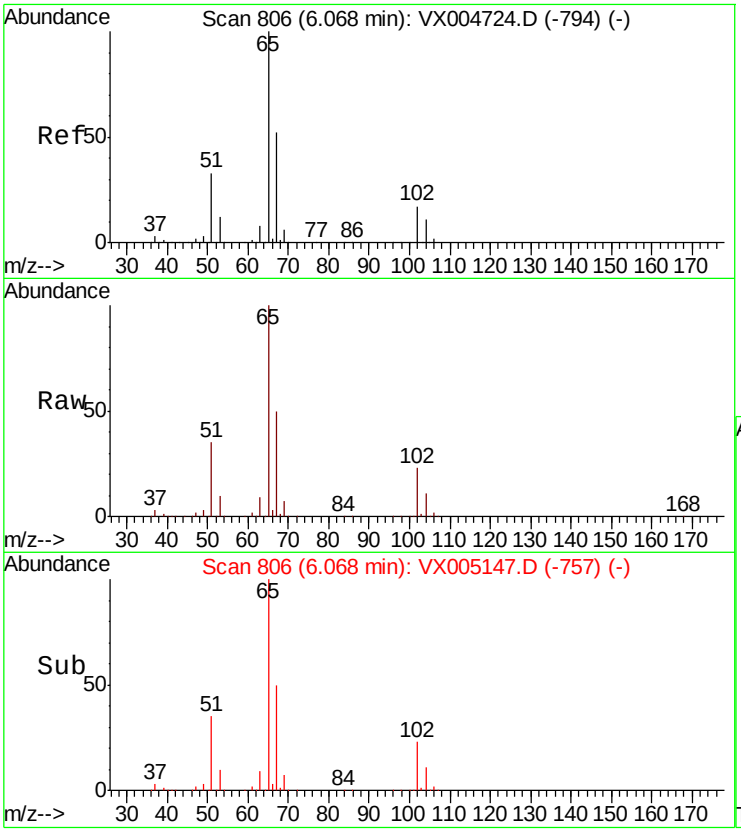


#31
Cyclohexane
Concen: 1.065 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX005147.D
Acq: 09 Oct 2018 00:56

Tgt Ion: 56 Resp: 3704

Ion	Ratio	Lower	Upper
56	100		
69	164.3	25.9	38.9#
84	127.5	71.9	107.9#



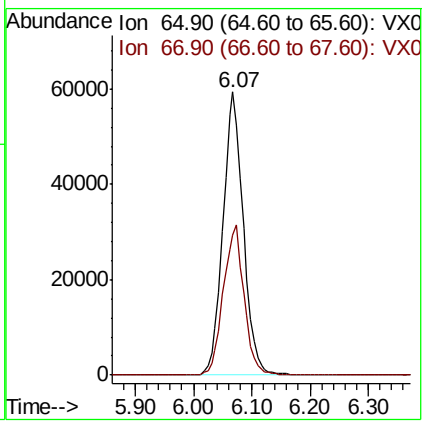


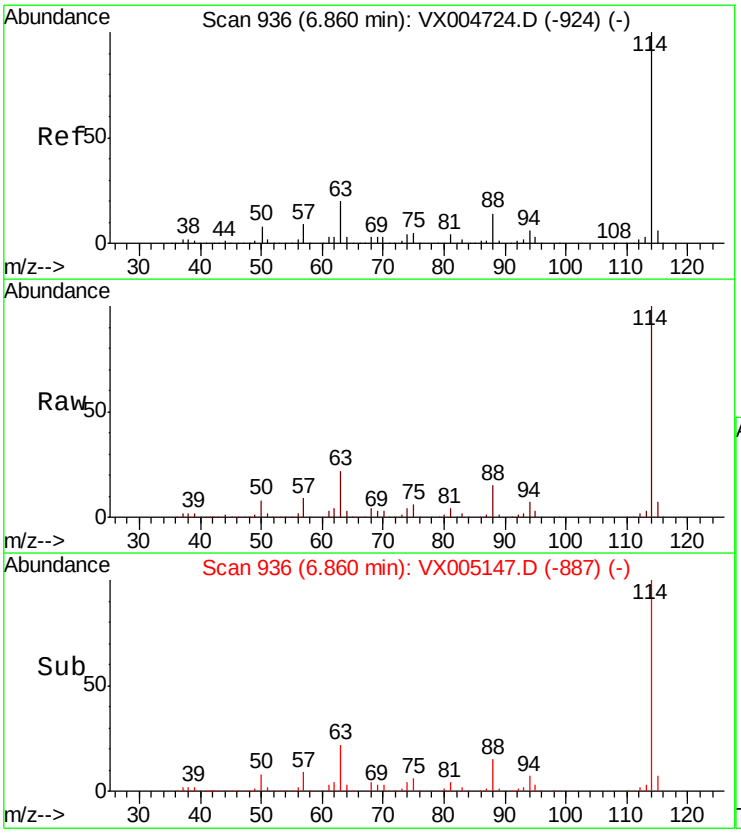
#33
1,2-Dichloroethane-d4
Concen: 52.808 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX005147.D
Acq: 09 Oct 2018 00:56

Instrument :
MSVOA_X
ClientSampleId :
RE-131D2-20180927DL

Tgt Ion: 65 Resp: 144393

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	107.4

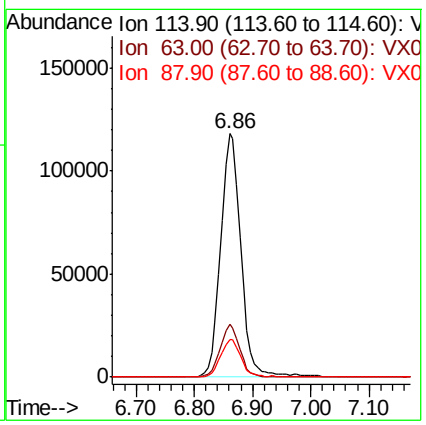


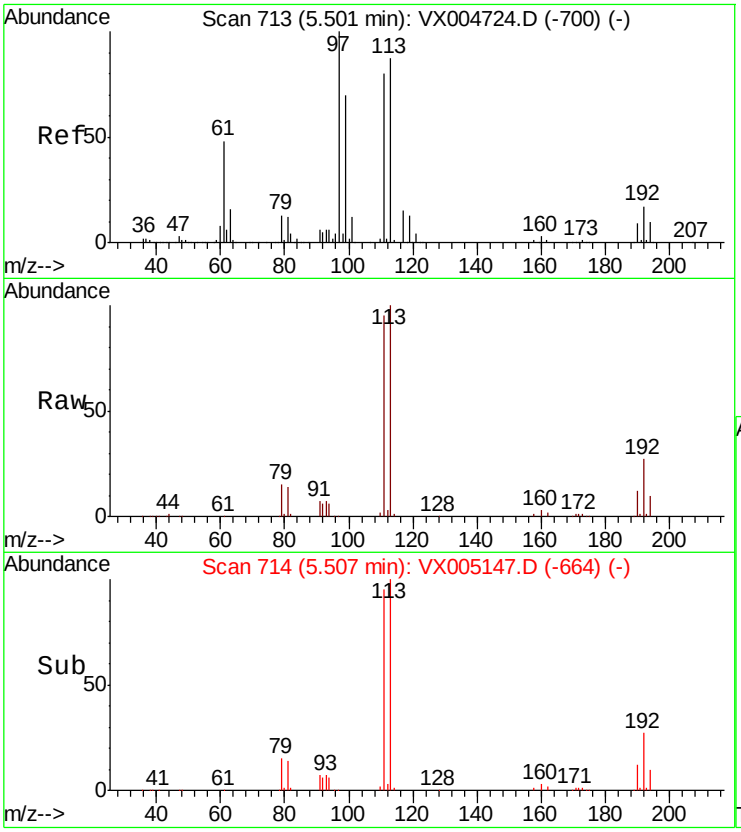


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX005147.D
Acq: 09 Oct 2018 00:56

Tgt Ion:114 Resp: 286317

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	39.8
88	15.4	0.0	27.0



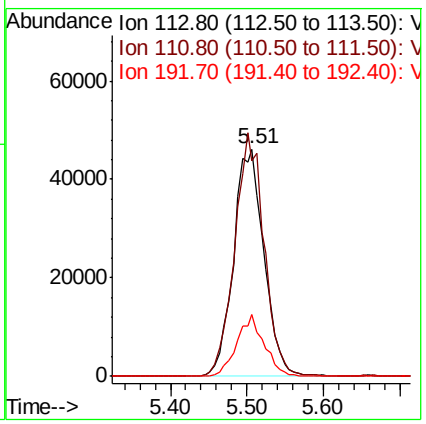


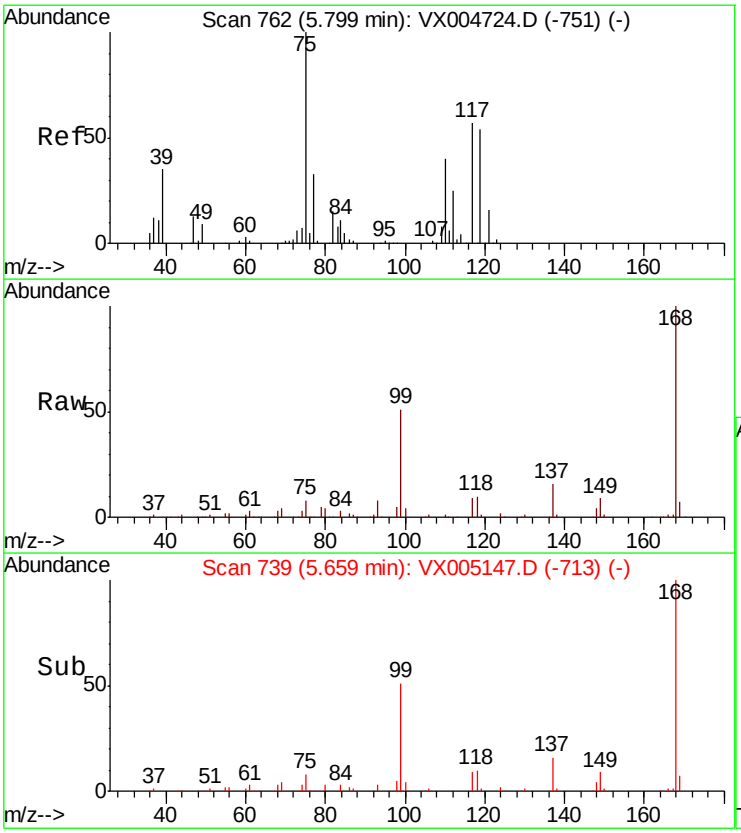
#35
Dibromofluoromethane
Concen: 52.471 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005147.D
Acq: 09 Oct 2018 00:56

Instrument :
MSVOA_X
ClientSampleId :
RE-131D2-20180927DL

Tgt Ion:113 Resp: 127326

Ion	Ratio	Lower	Upper
113	100		
111	103.3	77.0	115.4
192	24.3	17.0	25.6

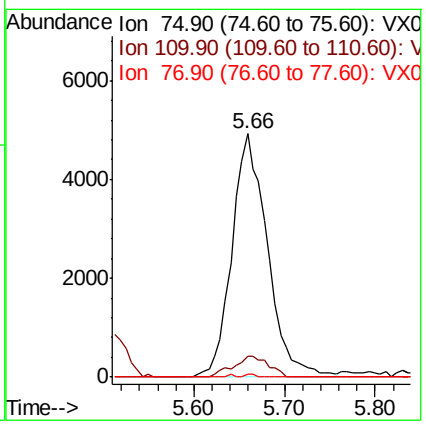


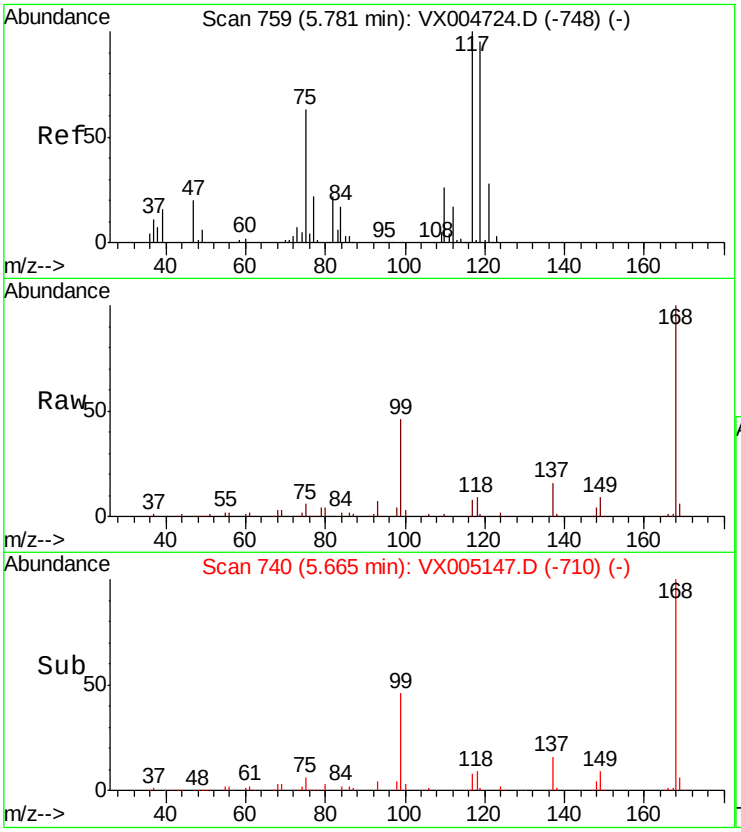


#36
1,1-Dichloropropene
Concen: 4.037 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX005147.D
Acq: 09 Oct 2018 00:56

Tgt Ion: 75 Resp: 13365

Ion	Ratio	Lower	Upper
75	100		
110	8.5	20.0	59.9#
77	0.4	27.1	40.7#



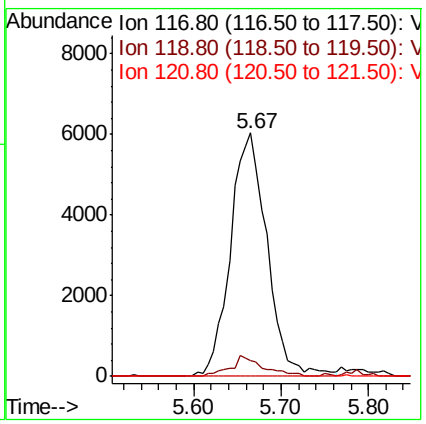


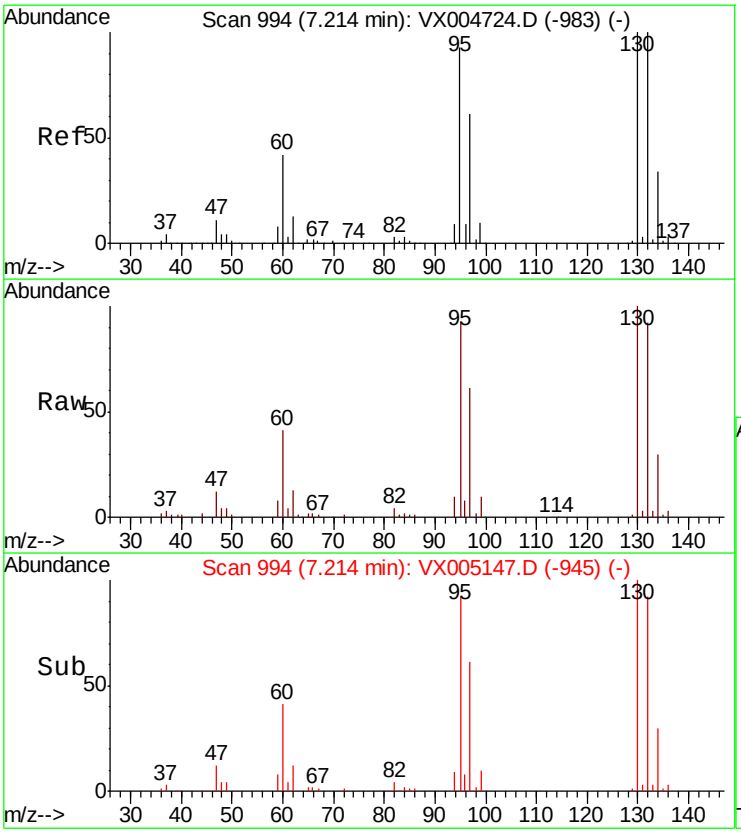
#38
Carbon Tetrachloride
Concen: 5.034 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX005147.D
Acq: 09 Oct 2018 00:56

Instrument :
MSVOA_X
ClientSampleId :
RE-131D2-20180927DL

Tgt Ion:117 Resp: 17519

Ion	Ratio	Lower	Upper
117	100		
119	6.7	75.2	112.8#
121	0.0	22.5	33.7#

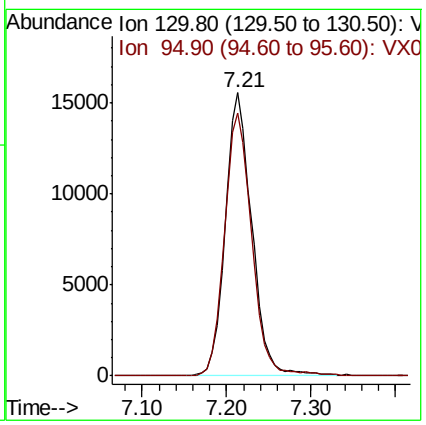


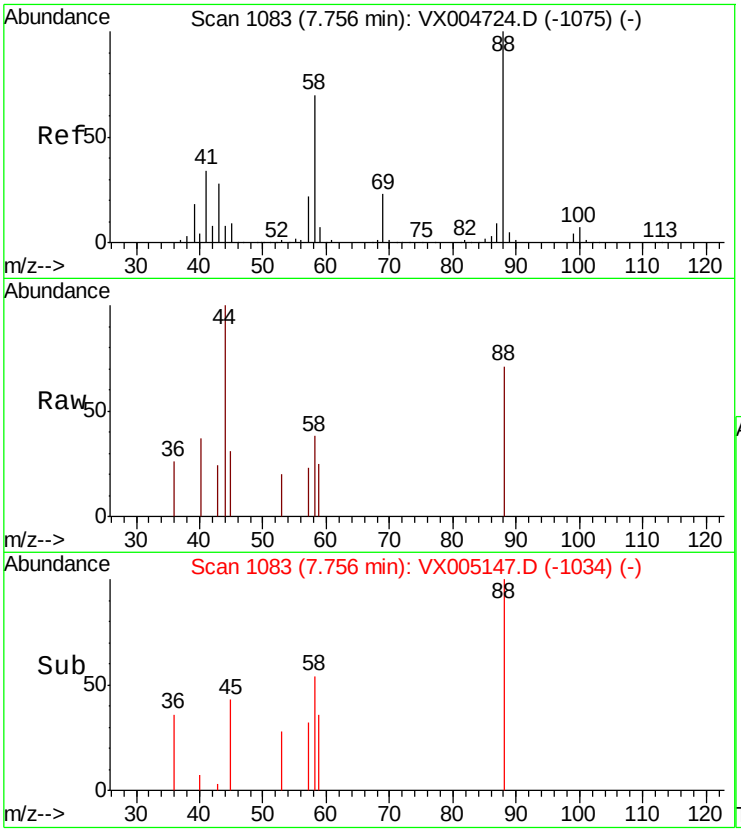


#44
Trichloroethene
Concen: 13.051 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX005147.D
Acq: 09 Oct 2018 00:56

Tgt Ion:130 Resp: 33254

Ion	Ratio	Lower	Upper
130	100		
95	92.7	0.0	186.8



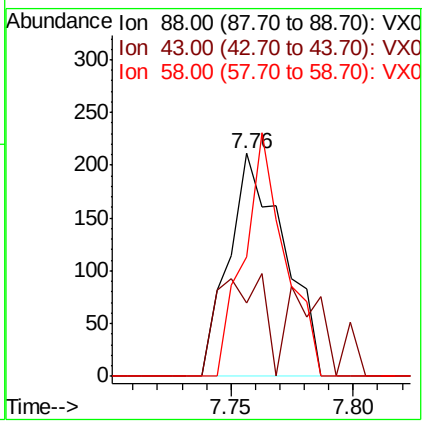


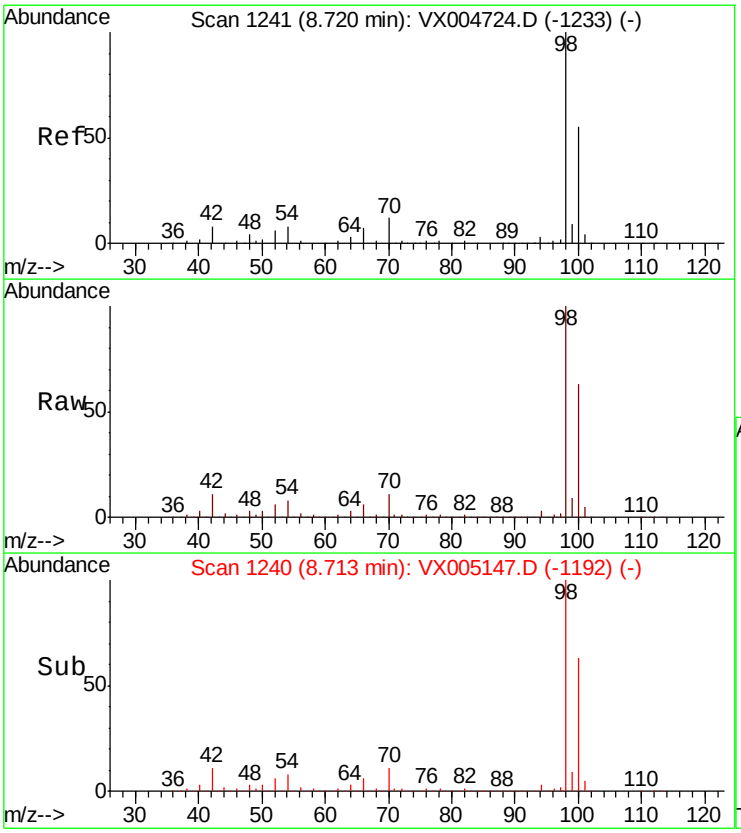
#49
1,4-Dioxane
Concen: 4.628 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005147.D
Acq: 09 Oct 2018 00:56

Instrument :
MSVOA_X
ClientSampleId :
RE-131D2-20180927DL

Tgt Ion: 88 Resp: 331

Ion	Ratio	Lower	Upper
88	100		
43	37.8	25.1	37.7#
58	81.0	56.2	84.2

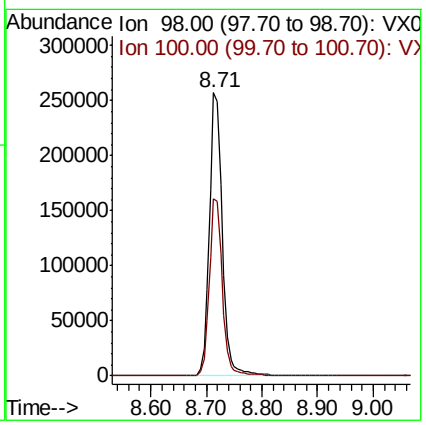


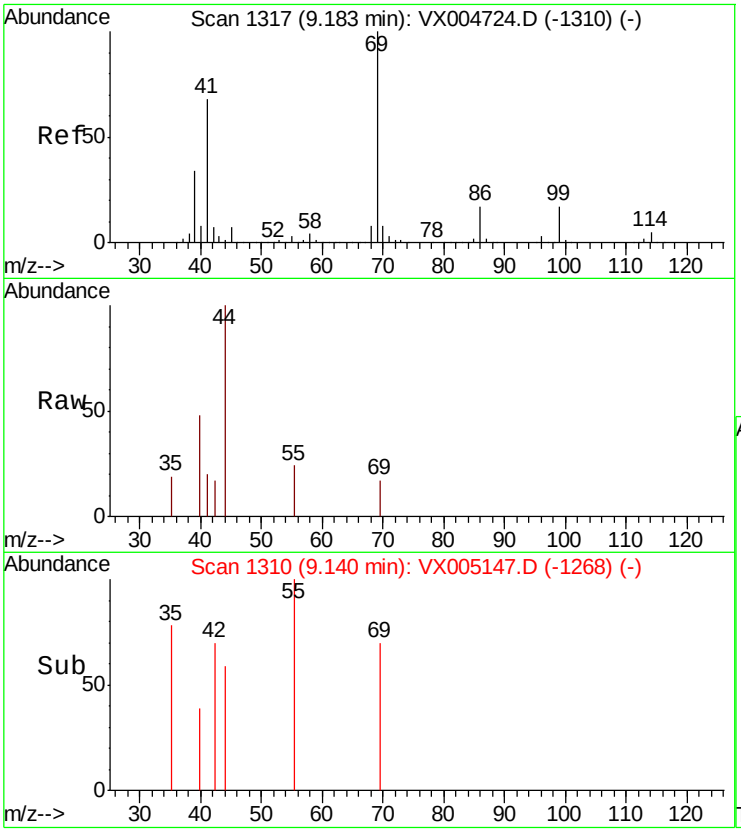


#50
Toluene-d8
Concen: 52.023 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX005147.D
Acq: 09 Oct 2018 00:56

Tgt Ion: 98 Resp: 419678

Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.9	77.9



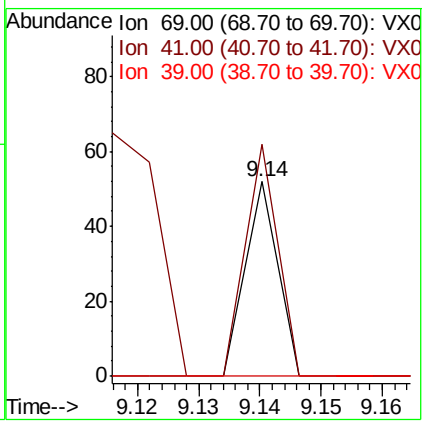


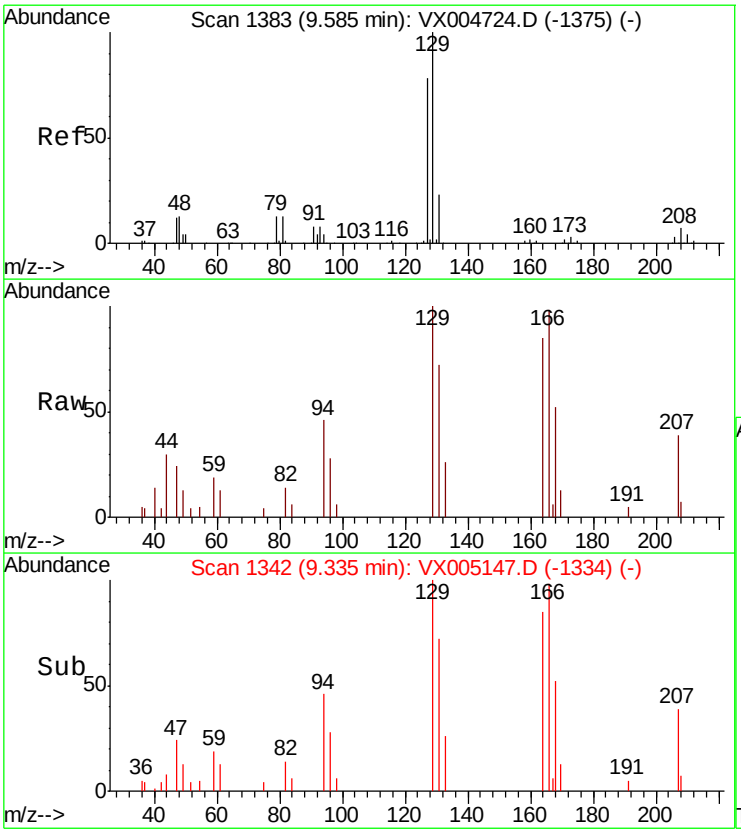
#56
Ethyl methacrylate
Concen: 2.867 ug/l
RT: 9.14 min Scan# 1310
Delta R.T. -0.04 min
Lab File: VX005147.D
Acq: 09 Oct 2018 00:56

Instrument :
MSVOA_X
ClientSampleId :
RE-131D2-20180927DL

Tgt Ion: 69 Resp: 19

Ion	Ratio	Lower	Upper
69	100		
41	121.1	56.9	85.3#
39	0.0	28.4	42.6#

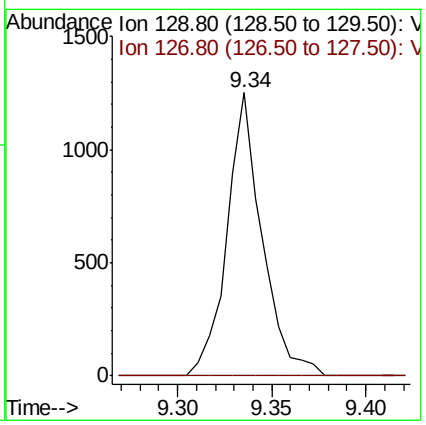


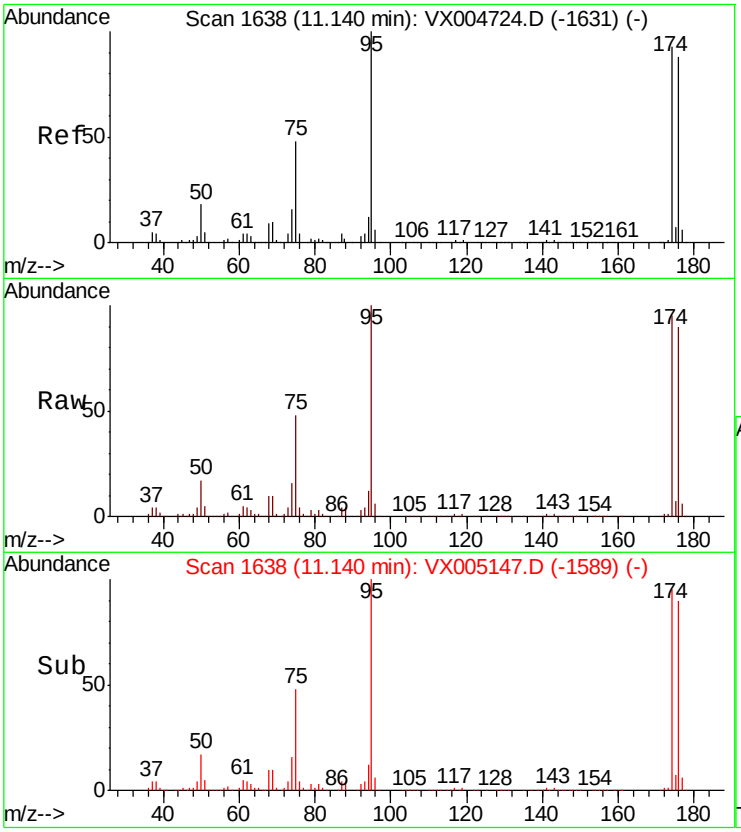


#60
Dibromochloromethane
Concen: 0.648 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.25 min
Lab File: VX005147.D
Acq: 09 Oct 2018 00:56

Tgt Ion:129 Resp: 1617

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.1	117.2#



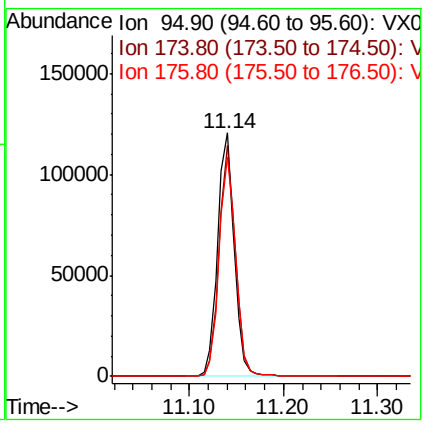


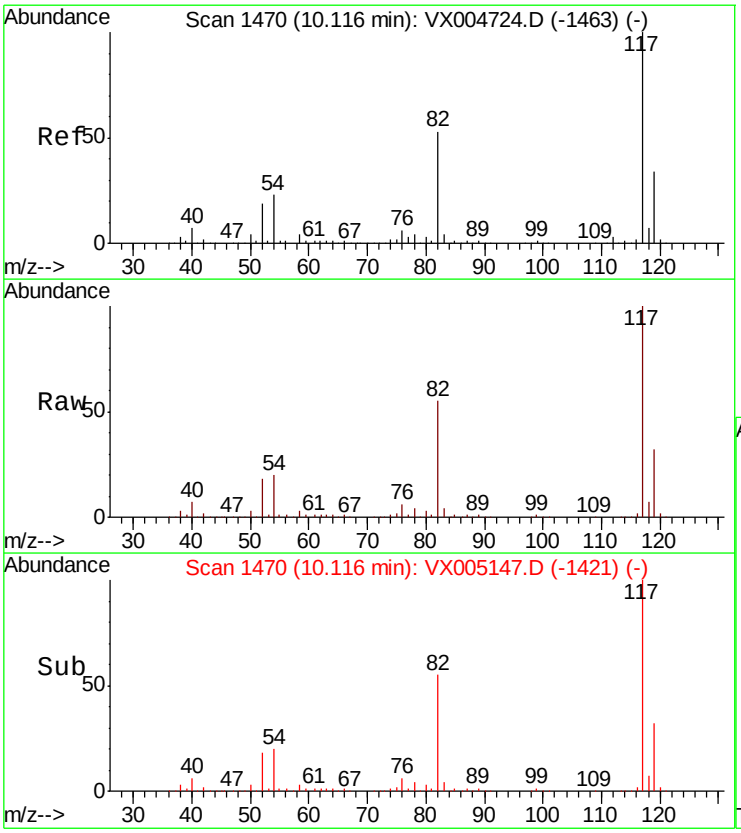
#62
4-Bromofluorobenzene
Concen: 51.102 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005147.D
Acq: 09 Oct 2018 00:56

Instrument :
MSVOA_X
ClientSampleId :
RE-131D2-20180927DL

Tgt Ion: 95 Resp: 148515

Ion	Ratio	Lower	Upper
95	100		
174	93.5	0.0	185.0
176	89.9	0.0	180.2

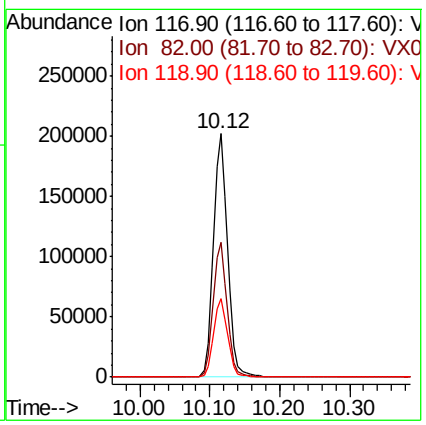


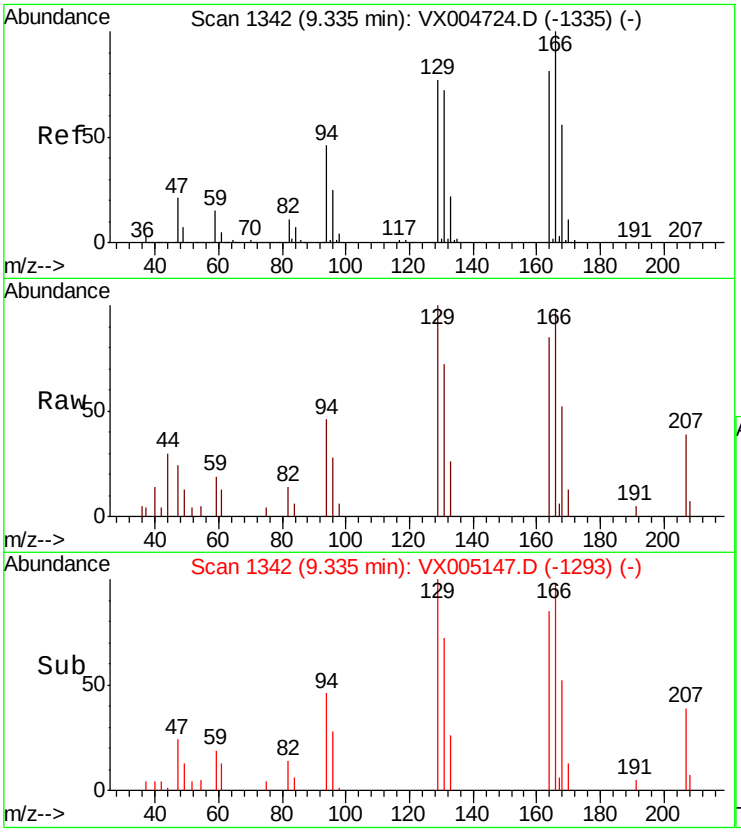


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005147.D
Acq: 09 Oct 2018 00:56

Tgt Ion:117 Resp: 283810

Ion	Ratio	Lower	Upper
117	100		
82	55.2	42.2	63.4
119	32.0	27.4	41.0



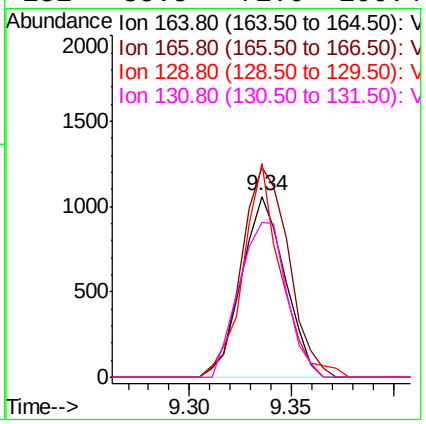


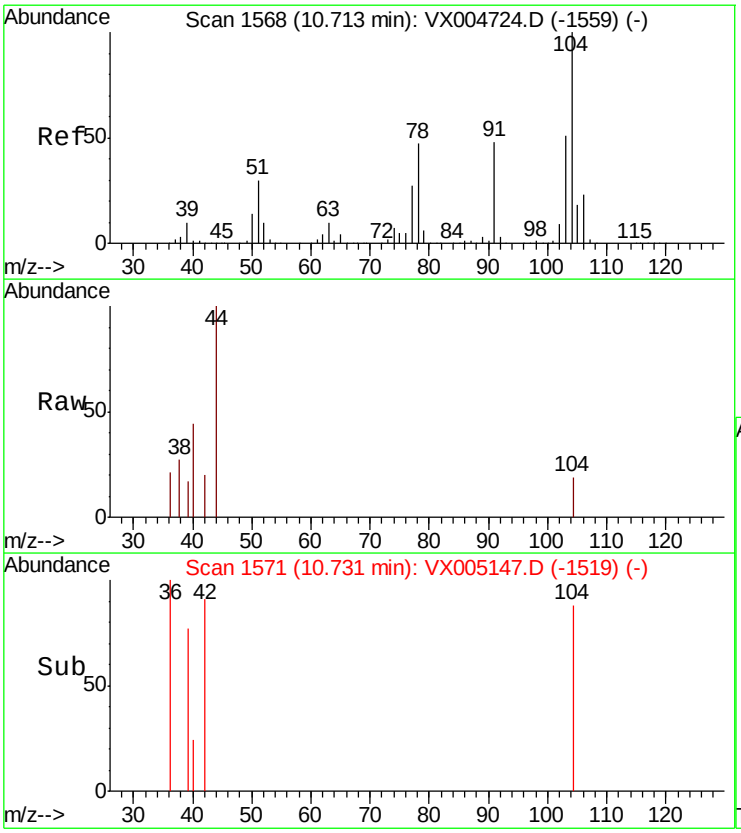
#64
Tetrachloroethene
Concen: 0.560 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005147.D
Acq: 09 Oct 2018 00:56

Instrument :
MSVOA_X
ClientSampleId :
RE-131D2-20180927DL

Tgt Ion:164 Resp: 1565

Ion	Ratio	Lower	Upper
164	100		
166	116.0	98.4	147.6
129	118.1	76.1	114.1#
131	85.5	71.0	106.4

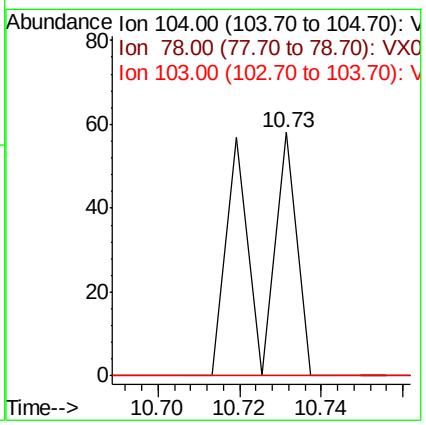


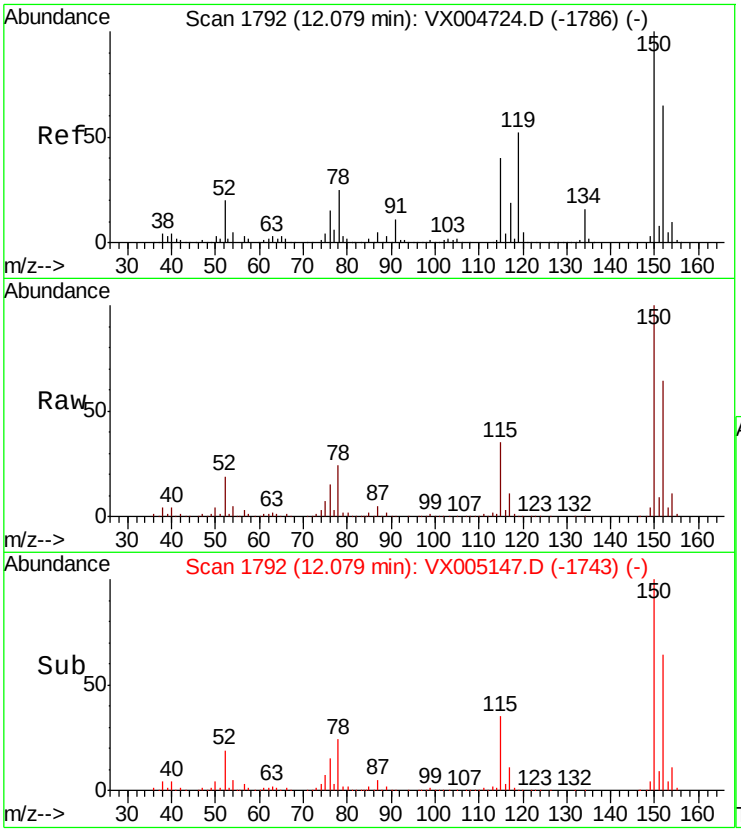


#70
Styrene
Concen: 2.146 ug/l
RT: 10.73 min Scan# 1571
Delta R.T. 0.02 min
Lab File: VX005147.D
Acq: 09 Oct 2018 00:56

Tgt Ion:104 Resp: 42

Ion	Ratio	Lower	Upper
104	100		
78	0.0	40.0	60.0#
103	0.0	44.3	66.5#



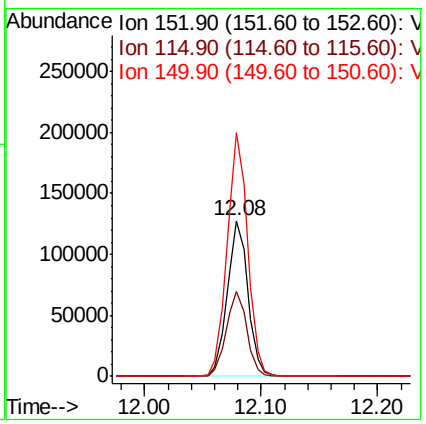


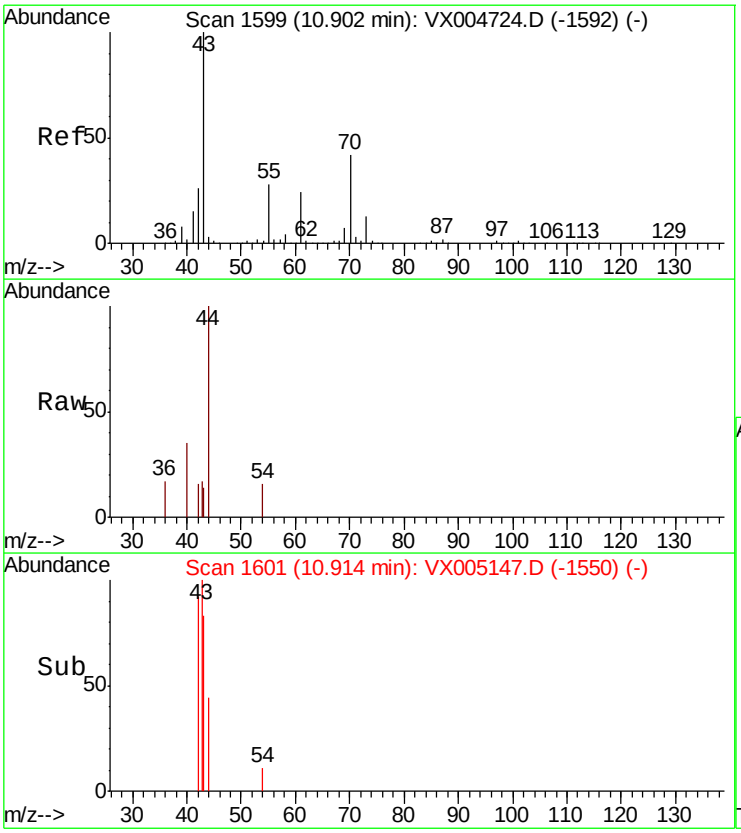
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005147.D
Acq: 09 Oct 2018 00:56

Instrument :
MSVOA_X
ClientSampleId :
RE-131D2-20180927DL

Tgt Ion:152 Resp: 156661

Ion	Ratio	Lower	Upper
152	100		
115	54.8	40.2	120.6
150	155.9	0.0	351.0

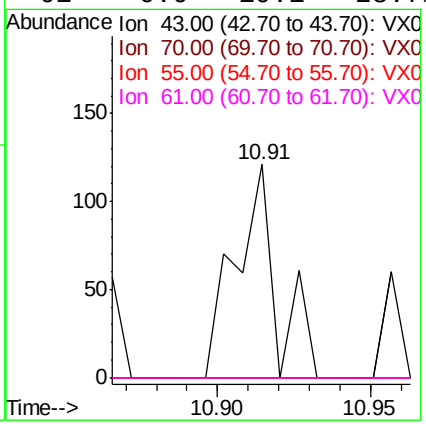


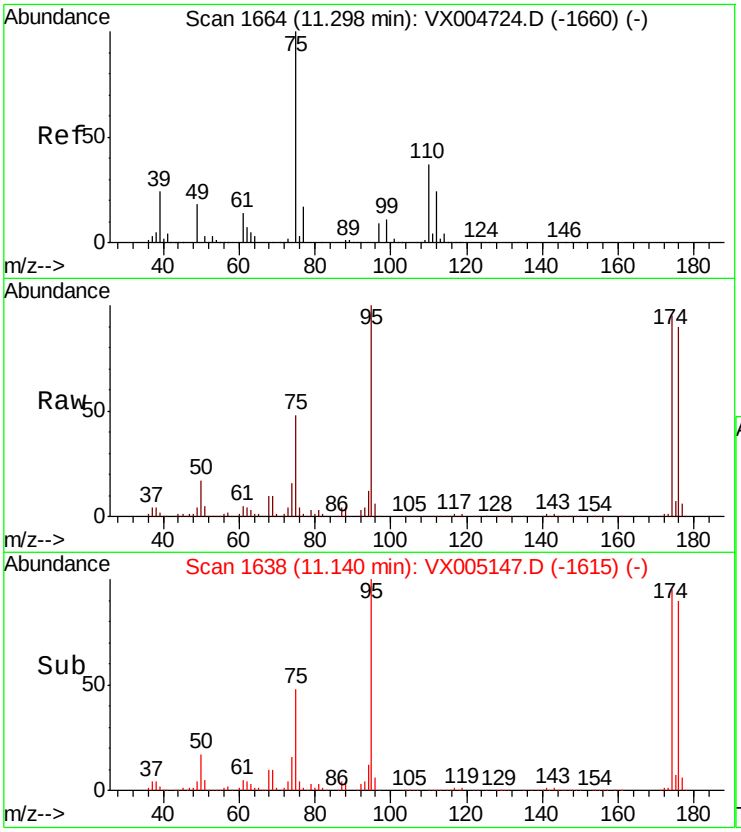


#74
N-amyl acetate
Concen: 1.768 ug/l
RT: 10.91 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VX005147.D
Acq: 09 Oct 2018 00:56

Tgt Ion: 43 Resp: 114

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#



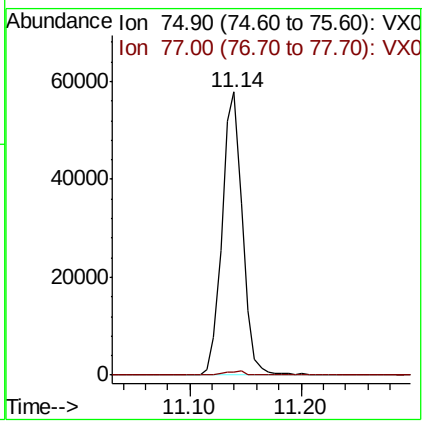


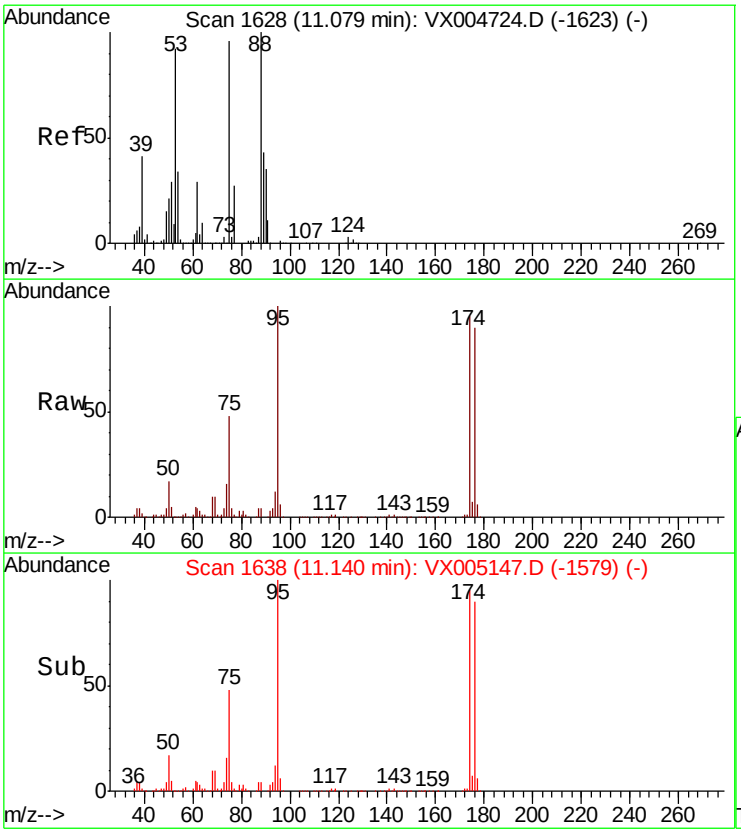
#76
1,2,3-Trichloropropane
Concen: 20.787 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005147.D
Acq: 09 Oct 2018 00:56

Instrument :
MSVOA_X
ClientSampleId :
RE-131D2-20180927DL

Tgt Ion: 75 Resp: 72991

Ion	Ratio	Lower	Upper
75	100		
77	1.5	21.4	64.3#

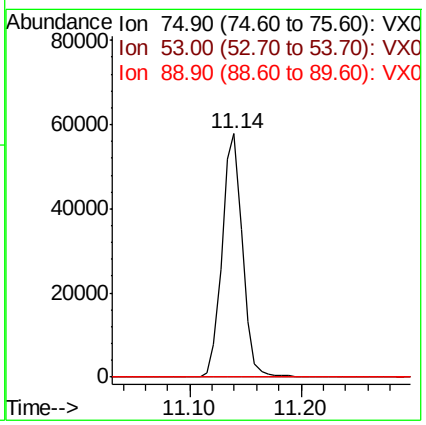


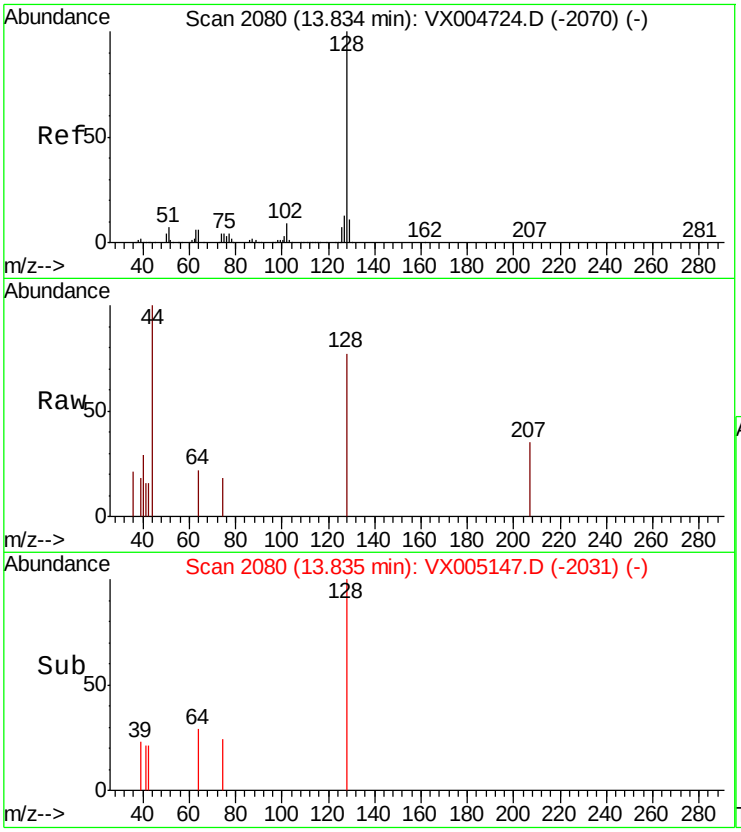


#81
trans-1,4-Dichloro-2-butene
Concen: 56.428 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX005147.D
Acq: 09 Oct 2018 00:56

Tgt Ion: 75 Resp: 72991

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





#95
Naphthalene
Concen: 0.748 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005147.D
Acq: 09 Oct 2018 00:56

Instrument :
MSVOA_X
ClientSampleId :
RE-131D2-20180927DL

Tgt Ion:128 Resp: 372

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