Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010419\
Data File : VX006914.D
Acq On : 04 Jan 2019 15:38
Operator : JC/MD
Sample : K1032-04DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S32-0646DL

Quant Time: Jan 04 22:18:41 2019
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	5.67	168	644722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	993573	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	902145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	436451	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	339948	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.84%			
35) Dibromofluoromethane	5.51	113	306232	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.48%			
50) Toluene-d8	8.71	98	1155080	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.52%			
62) 4-Bromofluorobenzene	11.13	95	411023	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.76%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	3400	0.535	ug/l #	82
4) Vinyl Chloride	1.41	62	9555	1.440	ug/l	93
5) Bromomethane	1.64	94	4321	Below Cal		99
10) Methyl Iodide	2.52	142	2210	0.254	ug/l #	90
11) Tert butyl alcohol	3.03	59	15135	9.760	ug/l #	83
16) Acetone	2.45	43	4547	1.424	ug/l	93
20) Methylene Chloride	2.85	84	2422	0.367	ug/l #	88
21) trans-1,2-Dichloroethene	3.17	96	53197	8.335	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	336162	47.737	ug/l	92
28) Bromochloromethane	5.02	49	421	Below Cal #		50
29) Tetrahydrofuran	5.16	42	772	0.261	ug/l	89
31) Cyclohexane	5.65	56	12394	1.288	ug/l #	5
36) 1,1-Dichloropropene	5.67	75	41421	5.033	ug/l #	49
38) Carbon Tetrachloride	5.66	117	58587	7.326	ug/l #	14
44) Trichloroethene	7.21	130	14166	1.871	ug/l	98
49) 1,4-Dioxane	7.75	88	76	Below Cal #		1
60) Dibromochloromethane	9.50	129	58	2.332	ug/l	59
76) 1,2,3-Trichloropropane	11.13	75	199003	24.535	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	199003	72.578	ug/l #	10
90) Hexachloroethane	12.65	117	123	3.321	ug/l	87

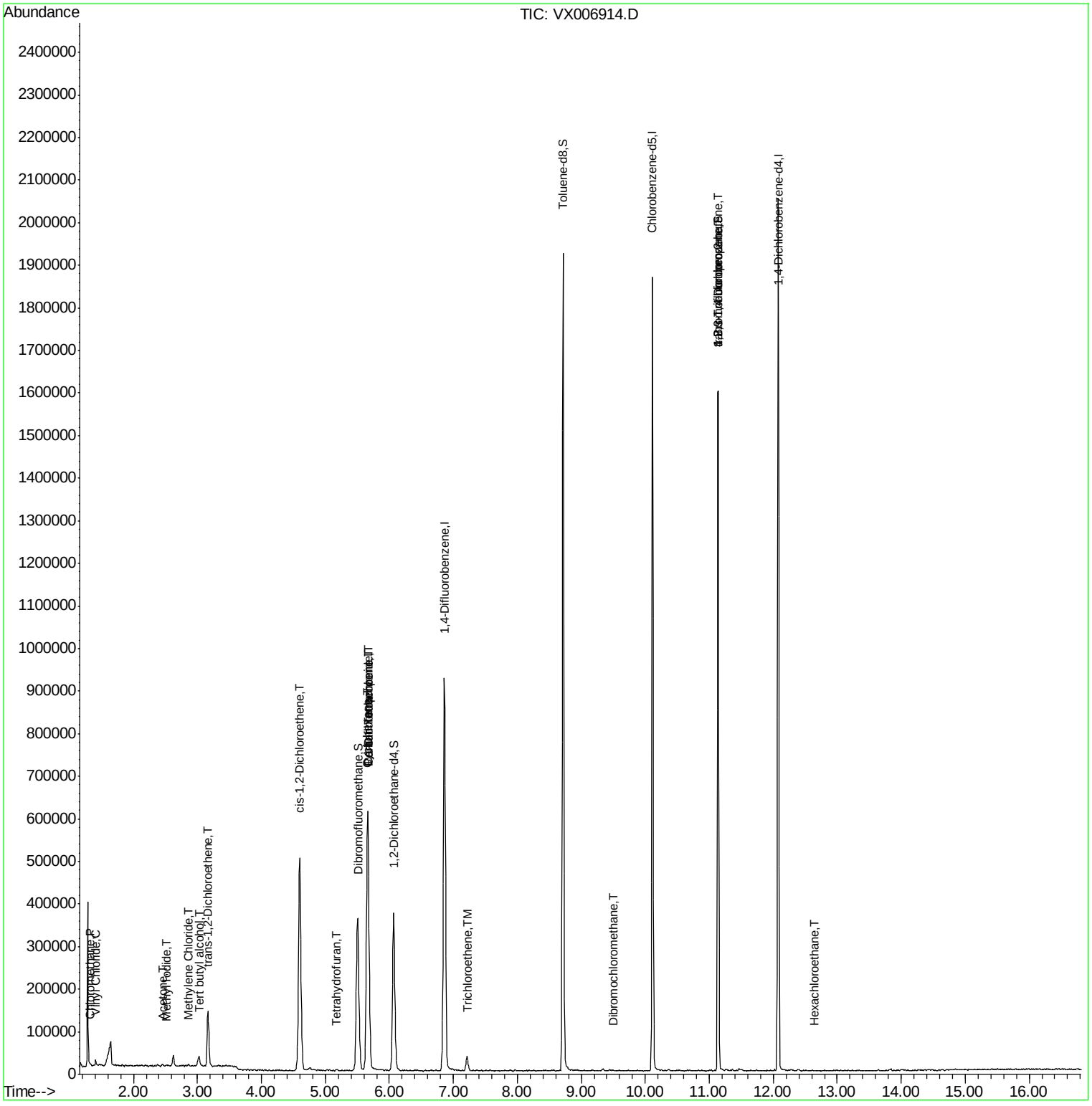
(#) = qualifier out of range (m) = manual integration (+) = signals summed

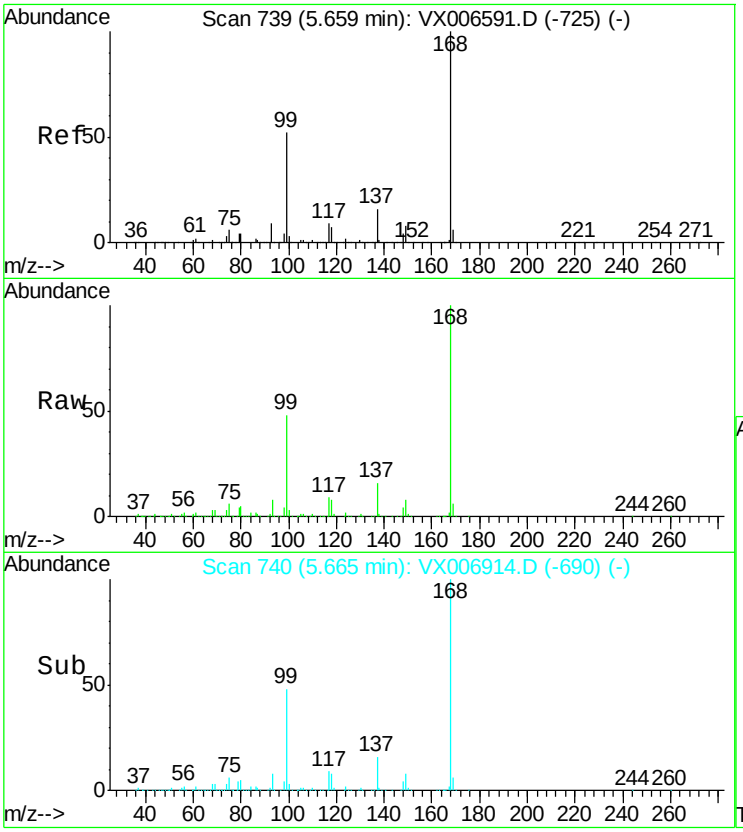
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010419\
Data File : VX006914.D
Acq On : 04 Jan 2019 15:38
Operator : JC/MD
Sample : K1032-04DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S32-0646DL

Quant Time: Jan 04 22:18:41 2019
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



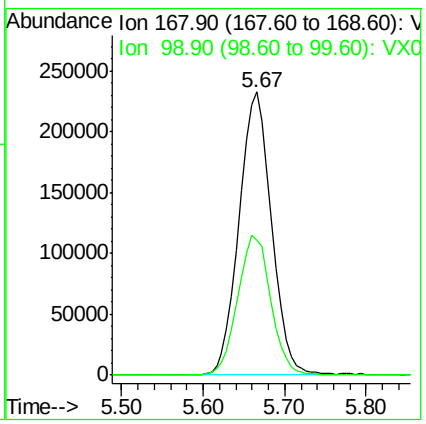


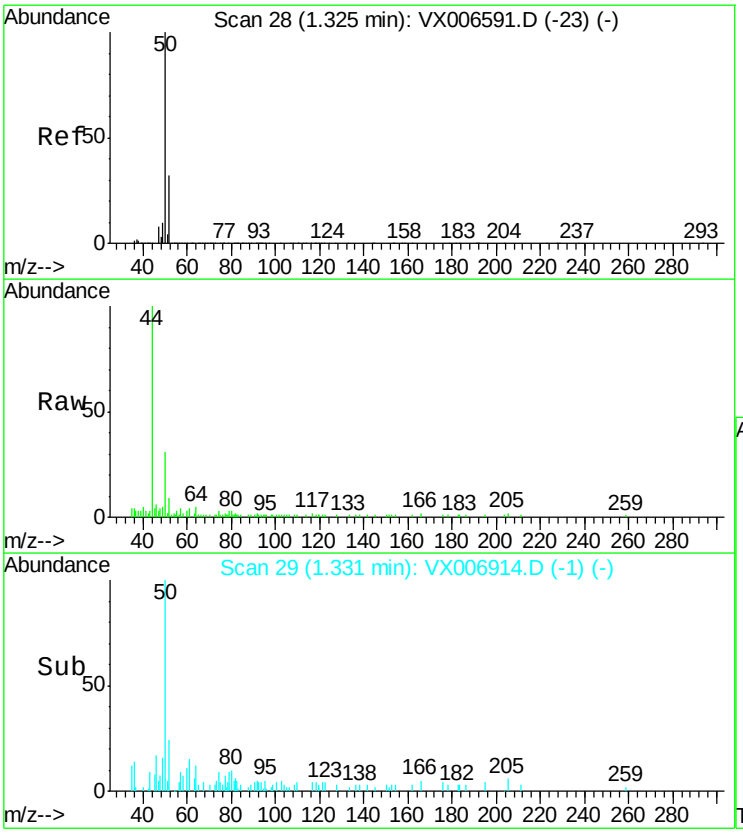
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX006914.D
Acq: 04 Jan 2019 15:38

Instrument :
MSVOA_X
ClientSampleId :
S32-0646DL

Tgt Ion:168 Resp: 644722

Ion	Ratio	Lower	Upper
168	100		
99	47.6	41.8	62.8

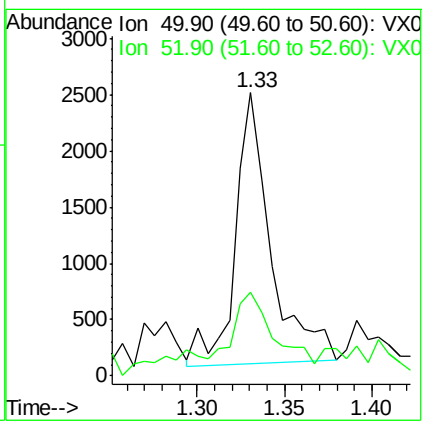


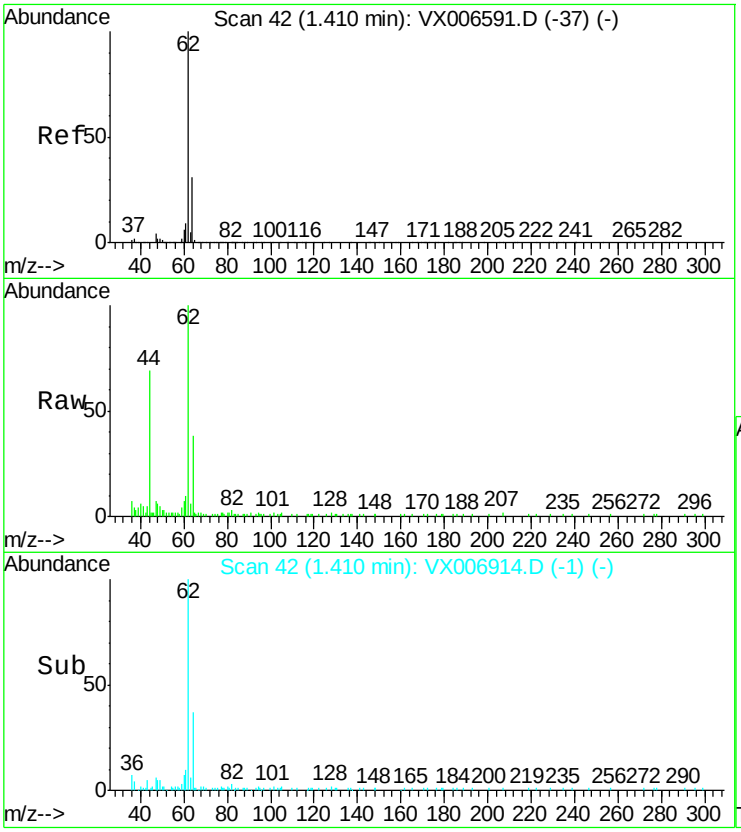


#3
Chloromethane
Concen: 0.535 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX006914.D
Acq: 04 Jan 2019 15:38

Tgt Ion: 50 Resp: 3400

Ion	Ratio	Lower	Upper
50	100		
52	21.6	25.4	38.2#



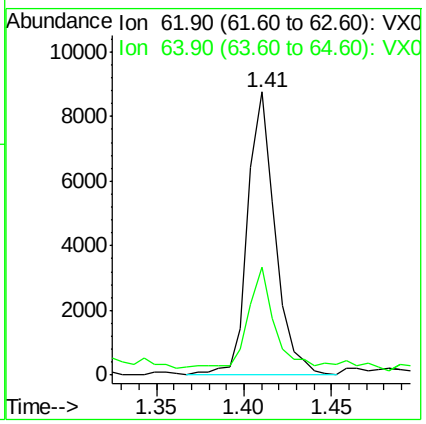


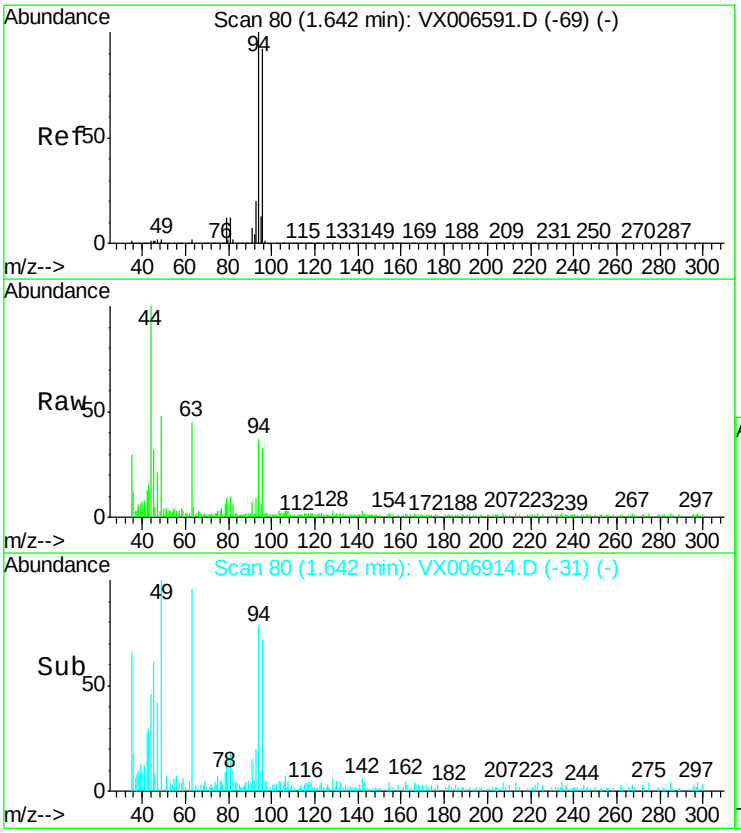
#4
Vinyl Chloride
Concen: 1.440 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006914.D
Acq: 04 Jan 2019 15:38

Instrument :
MSVOA_X
ClientSampleId :
S32-0646DL

Tgt Ion: 62 Resp: 9555

Ion	Ratio	Lower	Upper
62	100		
64	35.0	25.1	37.7

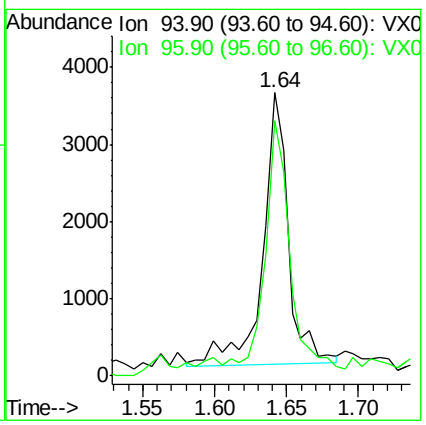


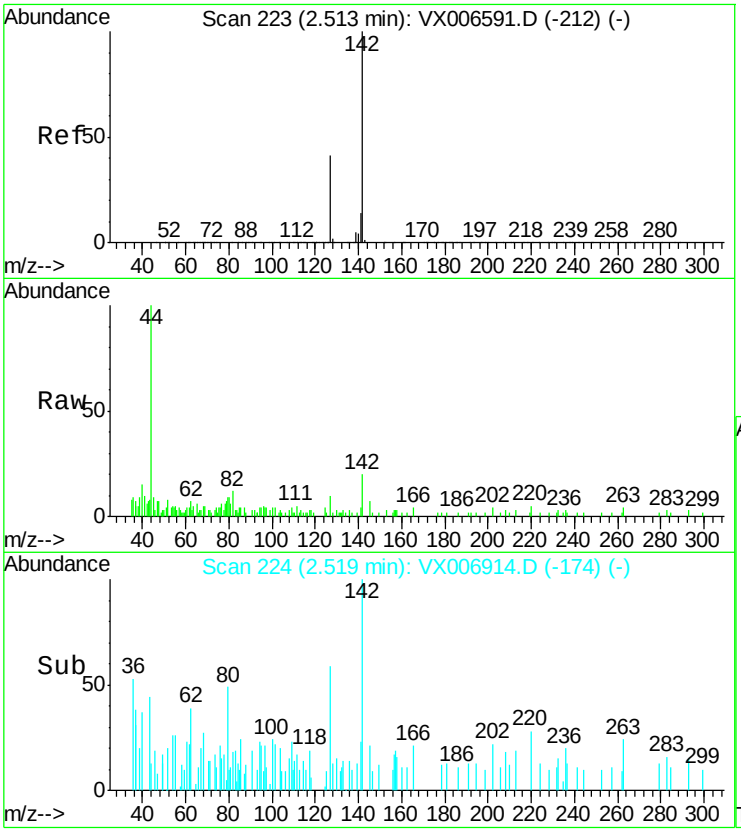


#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 80
Delta R.T. 0.00 min
Lab File: VX006914.D
Acq: 04 Jan 2019 15:38

Tgt Ion: 94 Resp: 4321

Ion	Ratio	Lower	Upper
94	100		
96	91.2	73.4	110.2



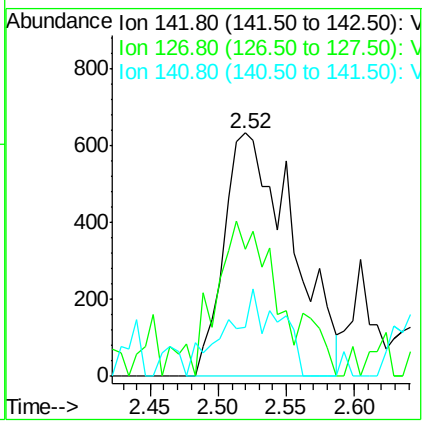


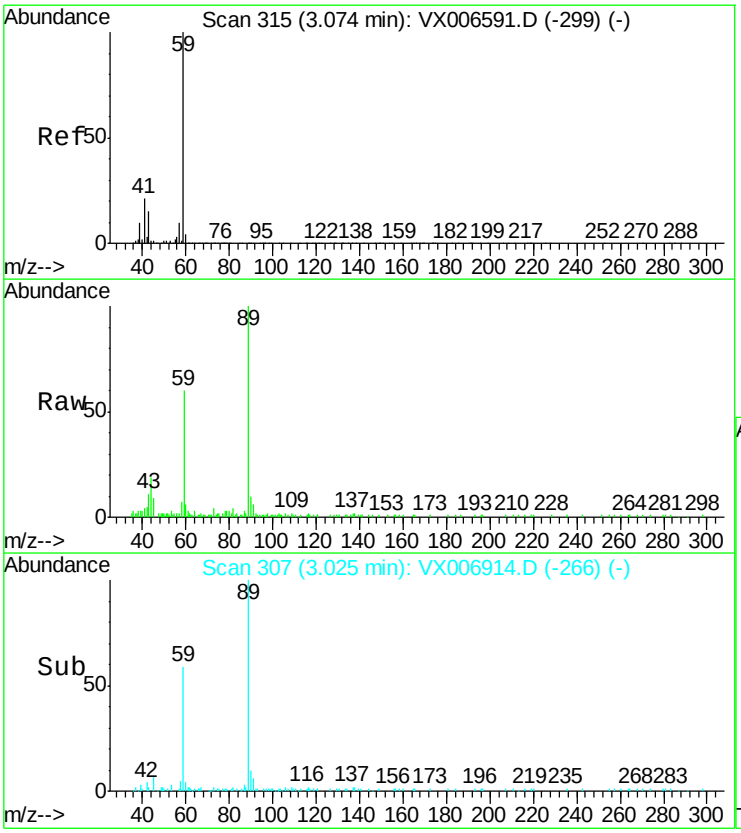
#10
Methyl Iodide
Concen: 0.254 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX006914.D
Acq: 04 Jan 2019 15:38

Instrument : MSVOA_X
ClientSampleId : S32-0646DL

Tgt Ion:142 Resp: 2210

Ion	Ratio	Lower	Upper
142	100		
127	44.0	33.9	50.9
141	27.4	11.4	17.0#

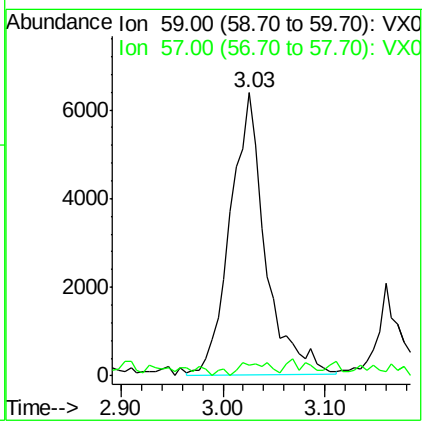


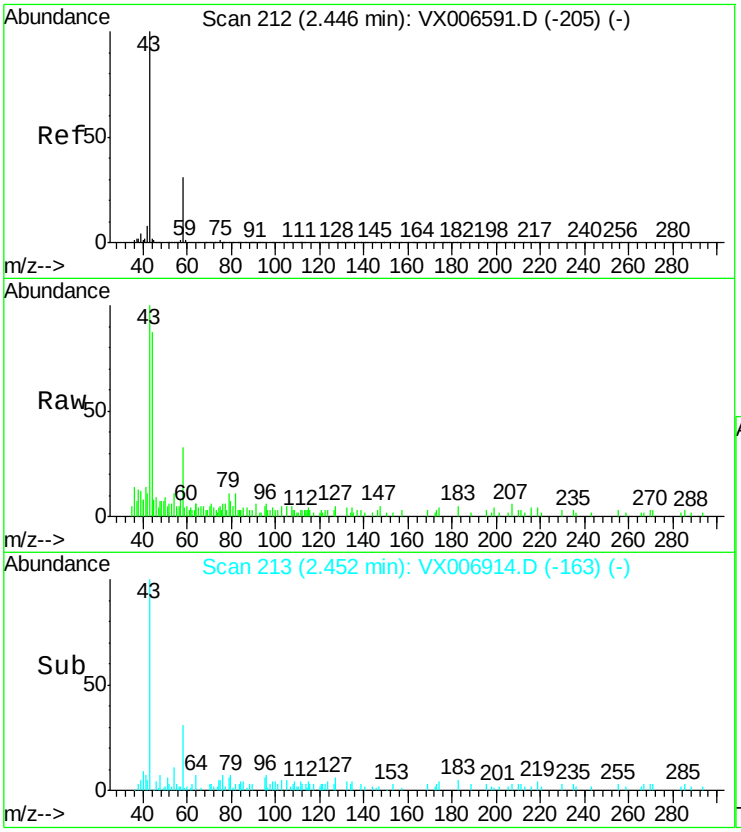


#11
Tert butyl alcohol
Concen: 9.760 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX006914.D
Acq: 04 Jan 2019 15:38

Tgt Ion: 59 Resp: 15135

Ion	Ratio	Lower	Upper
59	100		
57	4.1	8.5	12.7#



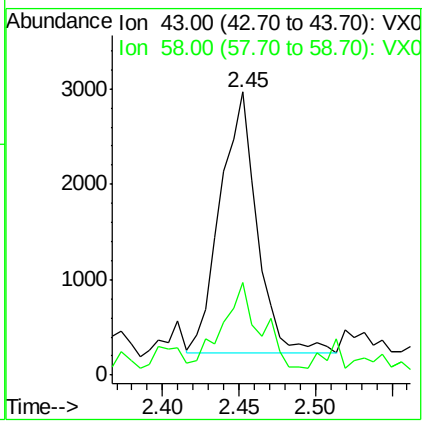


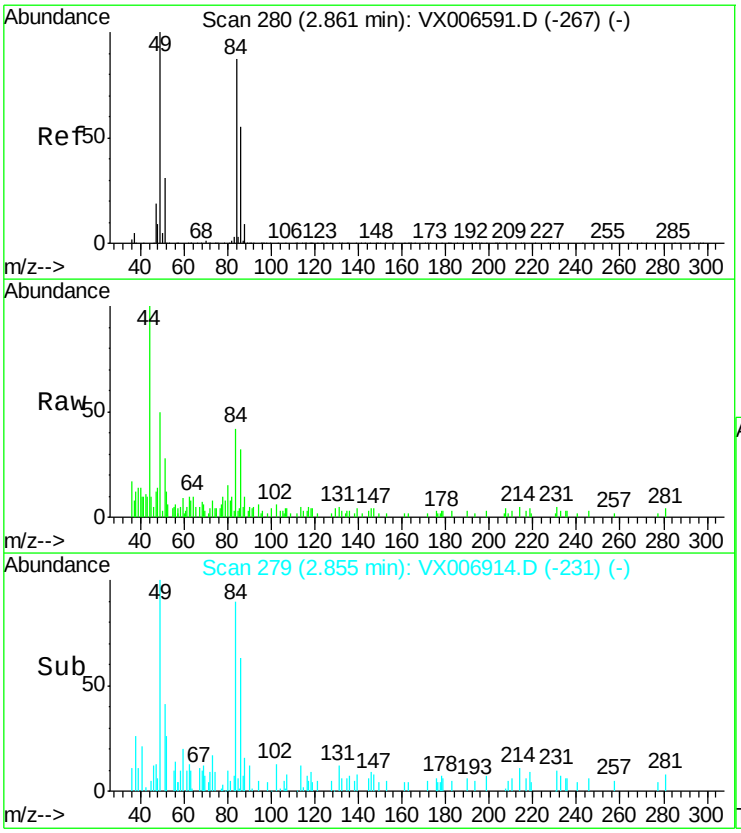
#16
Acetone
Concen: 1.424 ug/l
RT: 2.45 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX006914.D
Acq: 04 Jan 2019 15:38

Instrument :
MSVOA_X
ClientSampleId :
S32-0646DL

Tgt Ion: 43 Resp: 4547

Ion	Ratio	Lower	Upper
43	100		
58	27.4	25.0	37.6

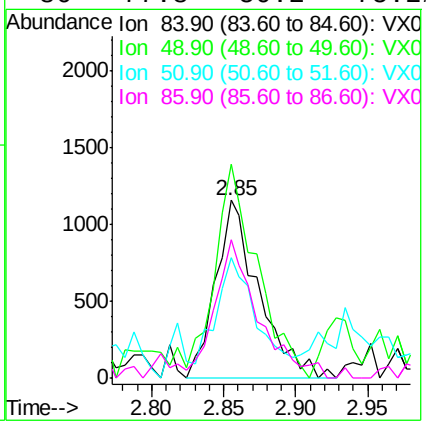


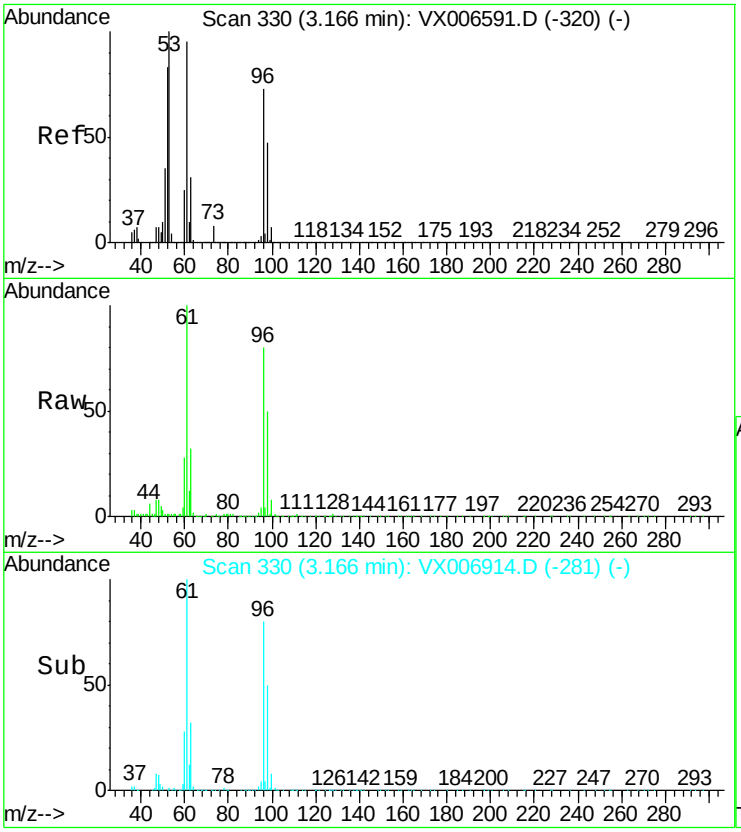


#20
Methylene Chloride
Concen: 0.367 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006914.D
Acq: 04 Jan 2019 15:38

Tgt Ion: 84 Resp: 2422

Ion	Ratio	Lower	Upper
84	100		
49	114.9	91.8	137.6
51	58.7	28.5	42.7#
86	77.8	50.2	75.2#



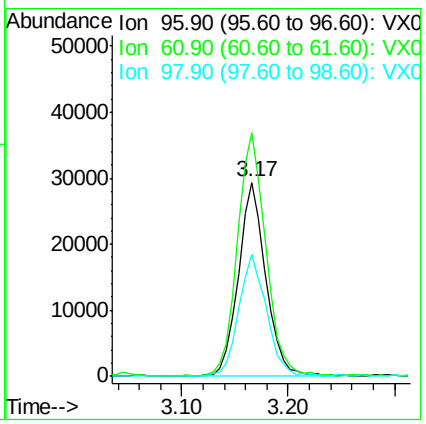


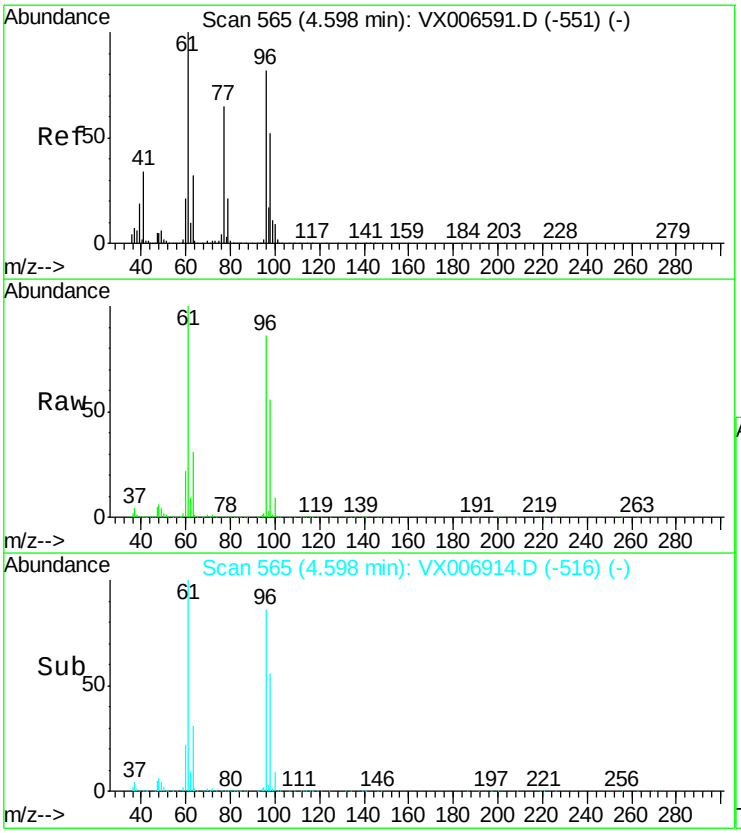
#21
trans-1,2-Dichloroethene
Concen: 8.335 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX006914.D
Acq: 04 Jan 2019 15:38

Instrument :
MSVOA_X
ClientSampleId :
S32-0646DL

Tgt Ion: 96 Resp: 53197

Ion	Ratio	Lower	Upper
96	100		
61	124.8	103.7	155.5
98	62.5	51.0	76.6

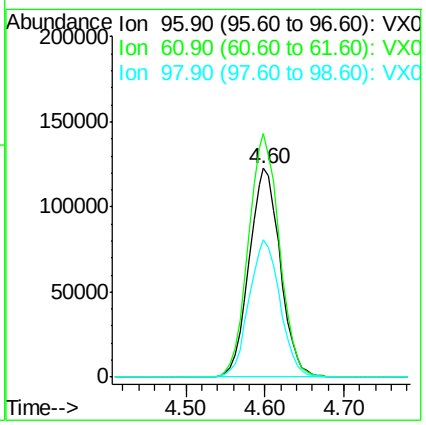


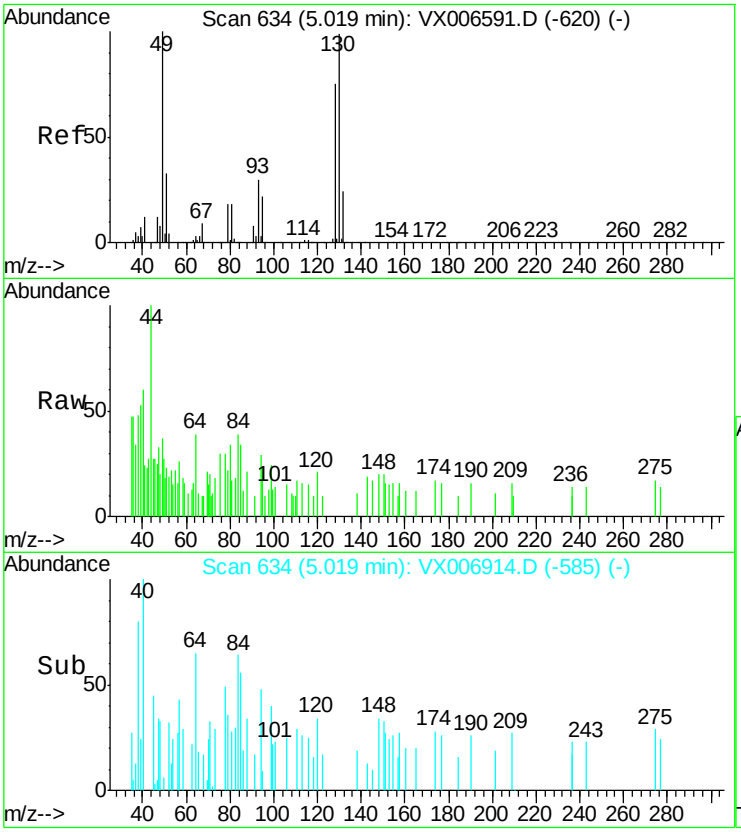


#27
cis-1,2-Dichloroethene
Concen: 47.737 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006914.D
Acq: 04 Jan 2019 15:38

Tgt Ion: 96 Resp: 336162

Ion	Ratio	Lower	Upper
96	100		
61	116.0	0.0	258.6
98	65.7	0.0	132.0



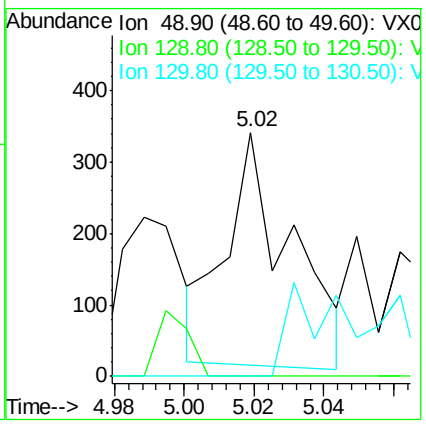


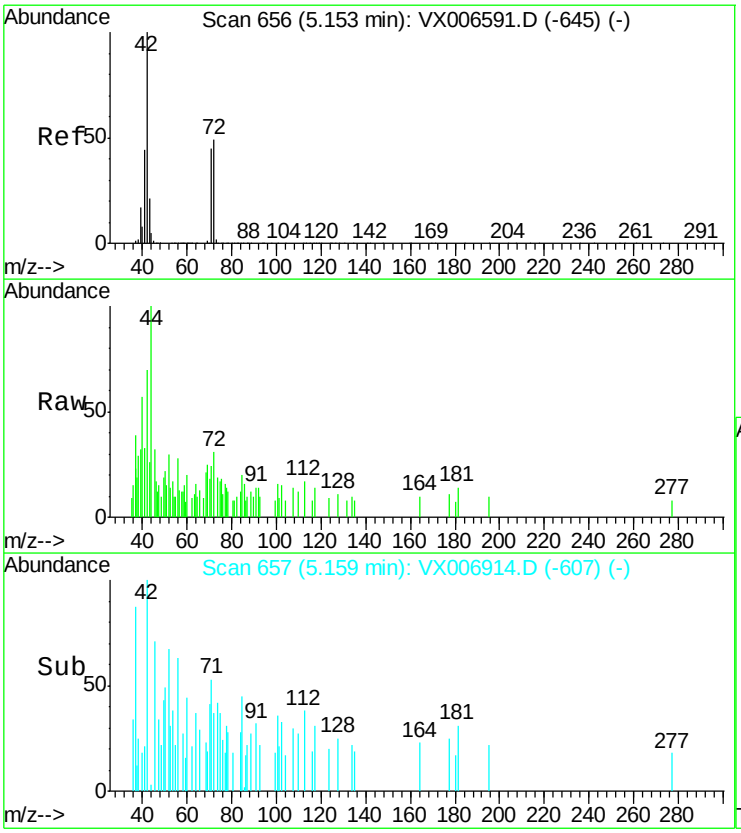
#28
Bromochloromethane
Concen: Below Cal
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006914.D
Acq: 04 Jan 2019 15:38

Instrument :
MSVOA_X
ClientSampleId :
S32-0646DL

Tgt Ion: 49 Resp: 421

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.4
130	46.6	77.7	116.5#

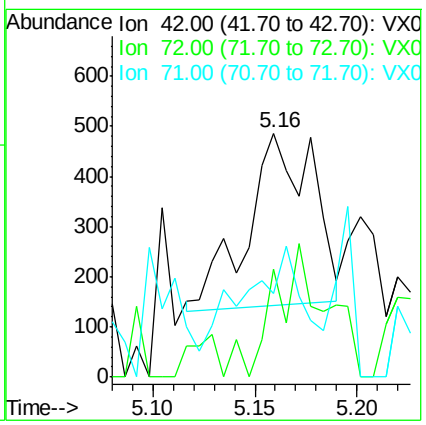


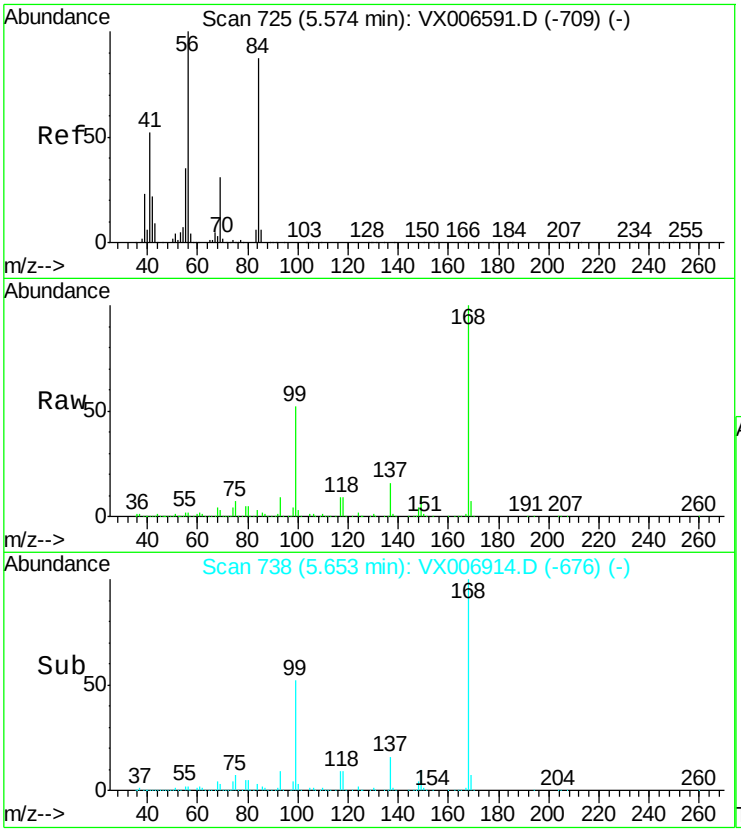


#29
Tetrahydrofuran
Concen: 0.261 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX006914.D
Acq: 04 Jan 2019 15:38

Tgt Ion: 42 Resp: 772

Ion	Ratio	Lower	Upper
42	100		
72	57.9	38.9	58.3
71	50.8	36.2	54.4



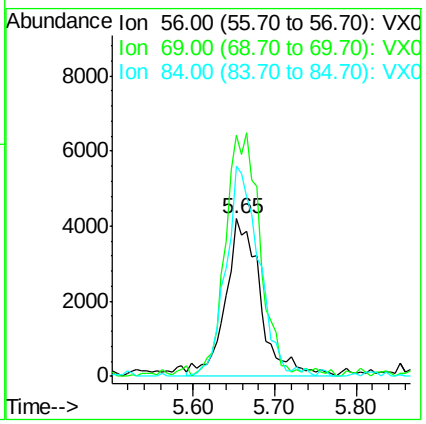


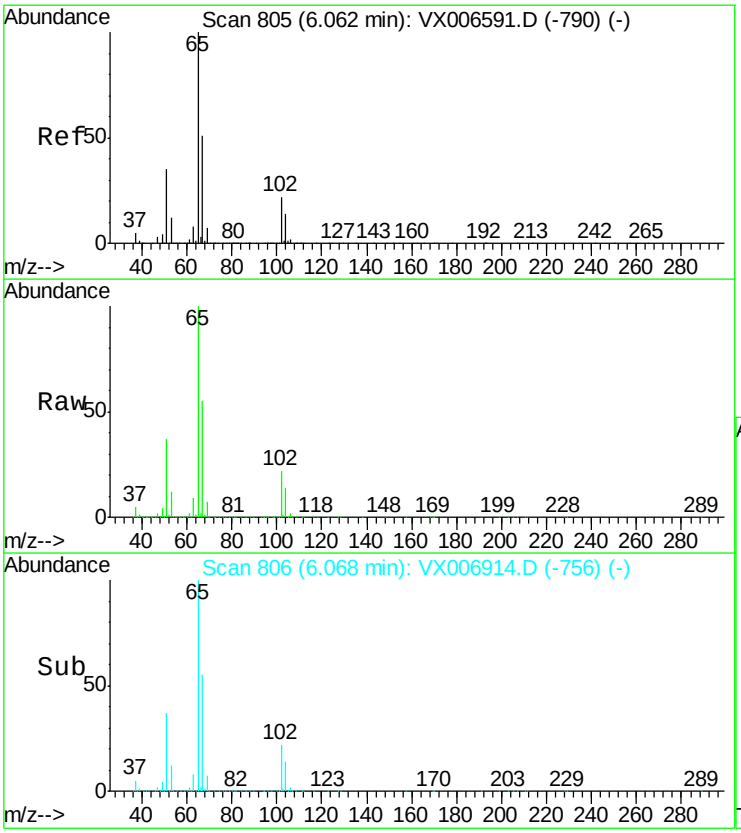
#31
Cyclohexane
Concen: 1.288 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.08 min
Lab File: VX006914.D
Acq: 04 Jan 2019 15:38

Instrument :
MSVOA_X
ClientSampleId :
S32-0646DL

Tgt Ion: 56 Resp: 12394

Ion	Ratio	Lower	Upper
56	100		
69	152.7	24.4	36.6#
84	133.4	70.0	105.0#

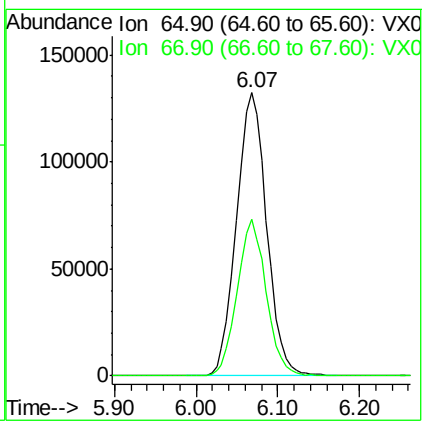


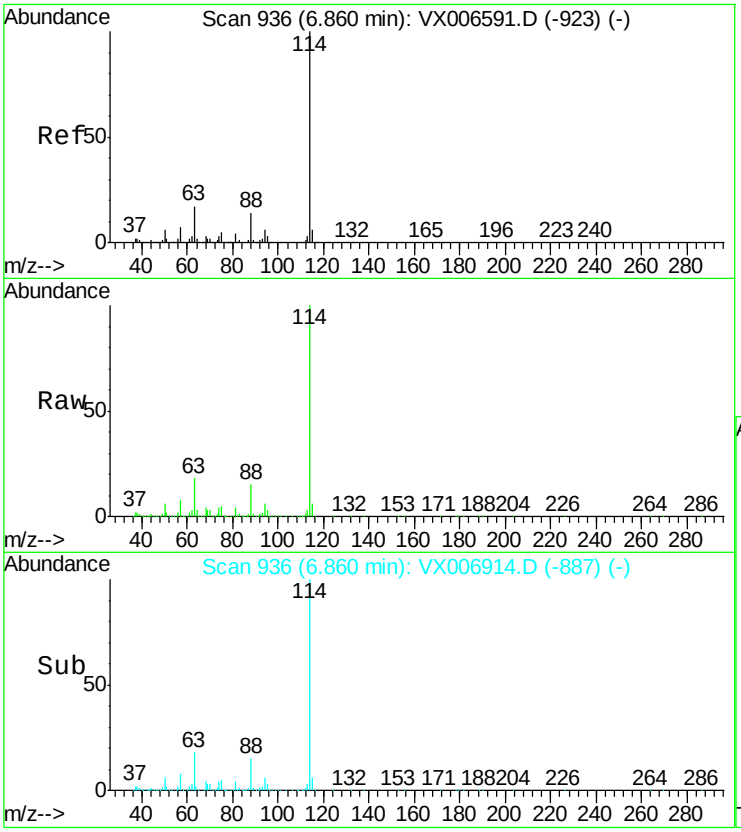


#33
1,2-Dichloroethane-d4
Concen: 48.924 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006914.D
Acq: 04 Jan 2019 15:38

Tgt Ion: 65 Resp: 339948

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	105.0



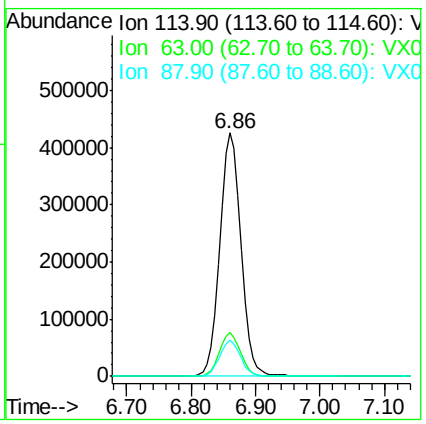


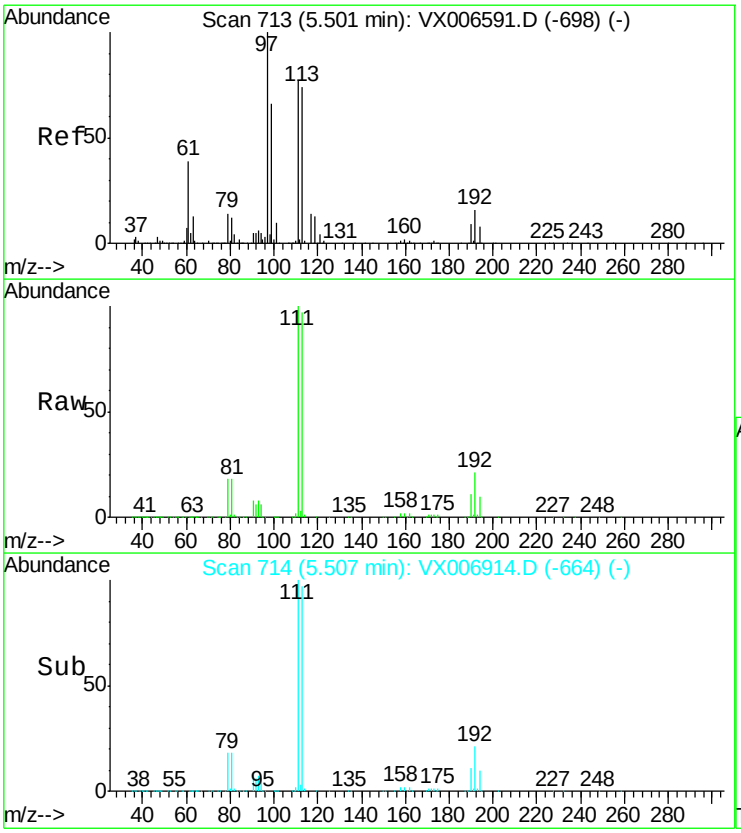
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX006914.D
Acq: 04 Jan 2019 15:38

Instrument :
MSVOA_X
ClientSampleId :
S32-0646DL

Tgt Ion:114 Resp: 993573

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	34.8
88	14.7	0.0	28.8

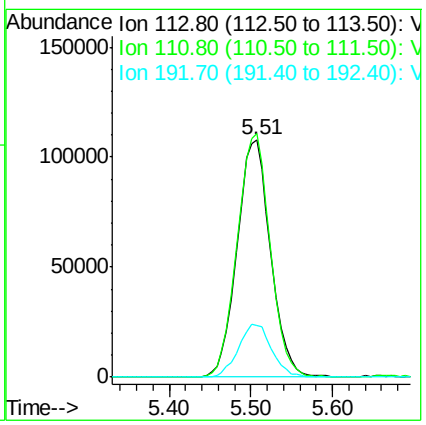


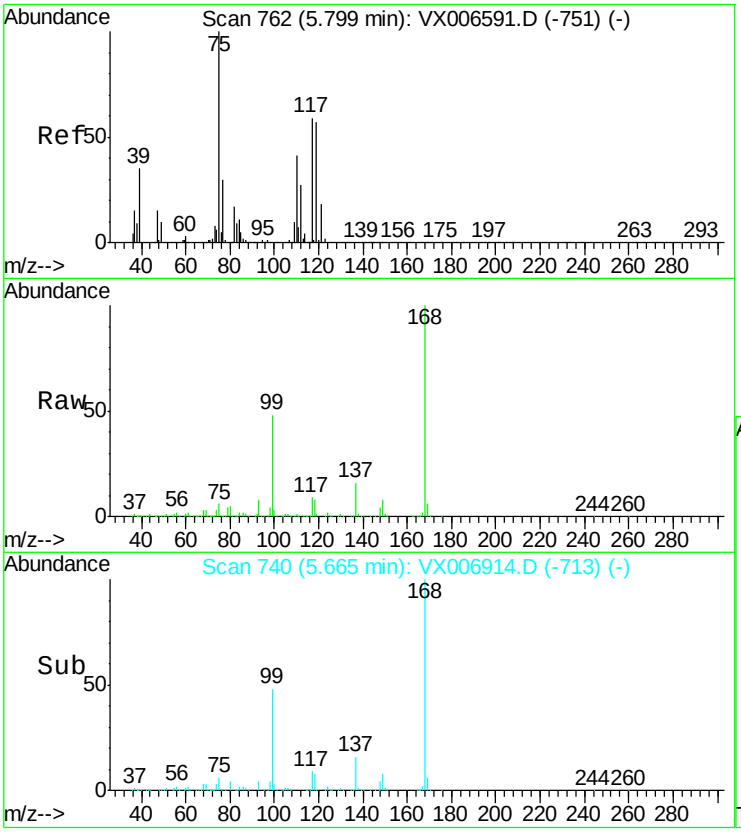


#35
Dibromofluoromethane
Concen: 48.738 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX006914.D
Acq: 04 Jan 2019 15:38

Tgt Ion:113 Resp: 306232

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.6	122.4
192	22.3	16.7	25.1



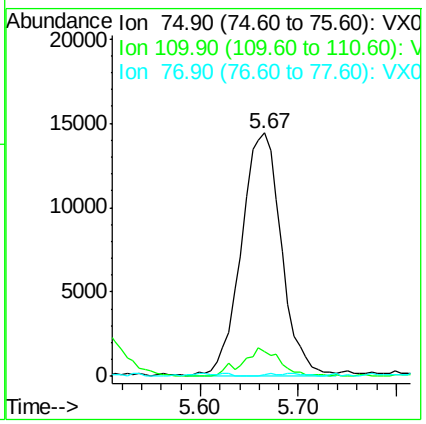


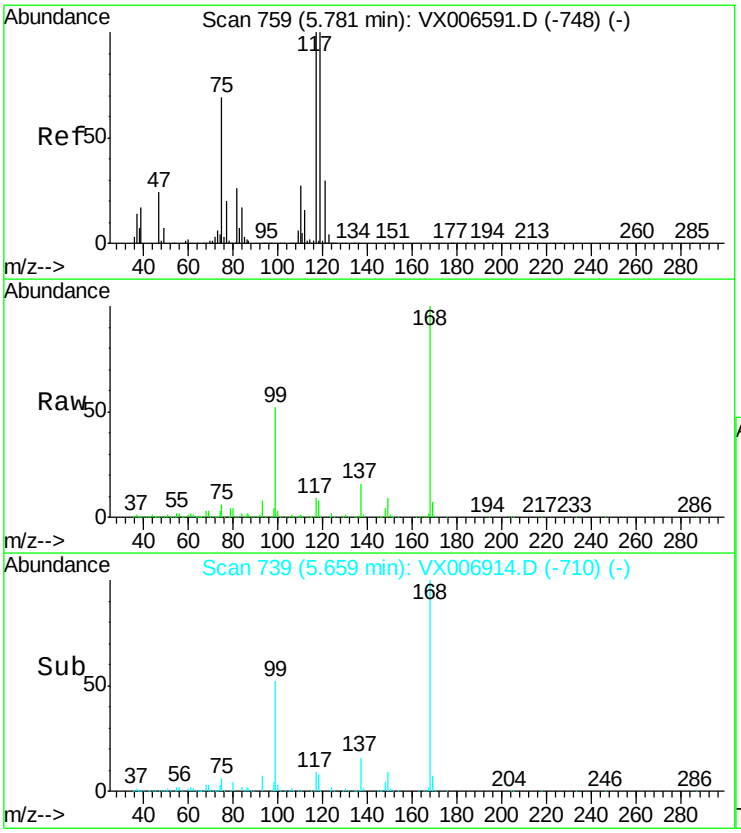
#36
1,1-Dichloropropene
Concen: 5.033 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX006914.D
Acq: 04 Jan 2019 15:38

Instrument :
MSVOA_X
ClientSampleId :
S32-0646DL

Tgt Ion: 75 Resp: 41421

Ion	Ratio	Lower	Upper
75	100		
110	11.1	20.2	60.5#
77	0.4	24.8	37.2#

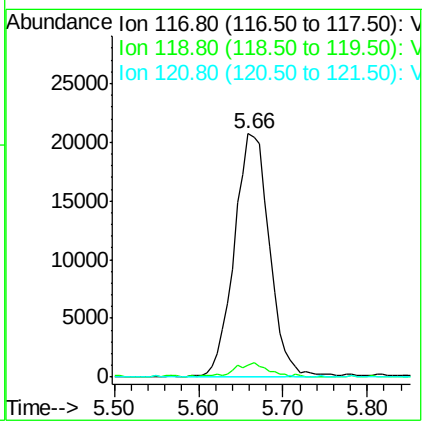


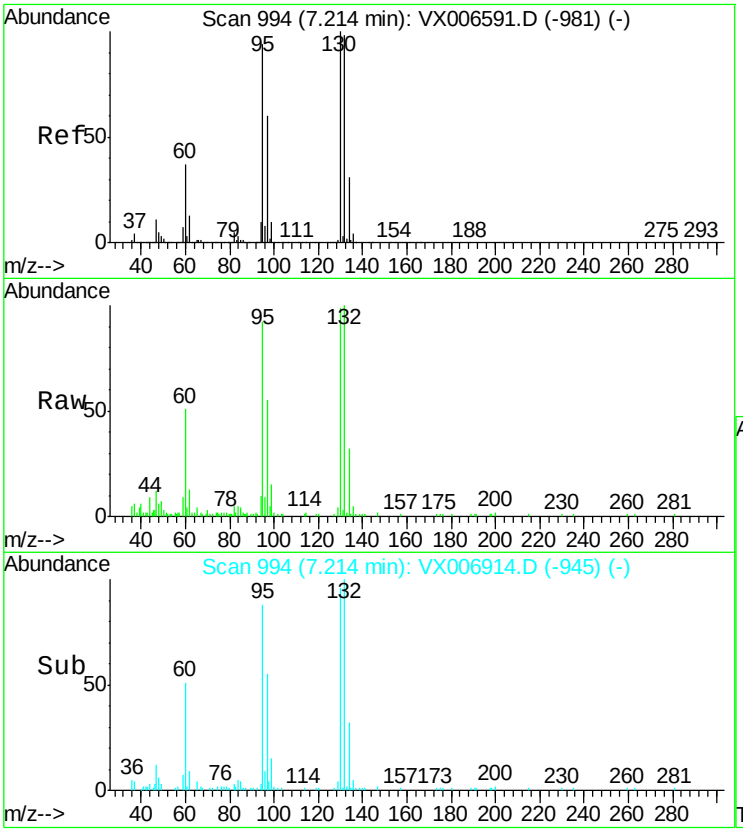


#38
Carbon Tetrachloride
Concen: 7.326 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX006914.D
Acq: 04 Jan 2019 15:38

Tgt Ion:117 Resp: 58587

Ion	Ratio	Lower	Upper
117	100		
119	5.0	79.4	119.2#
121	0.0	24.0	36.0#



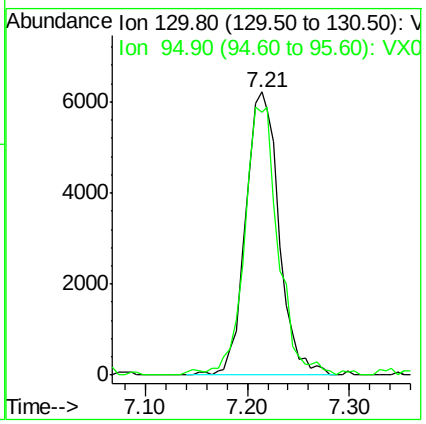


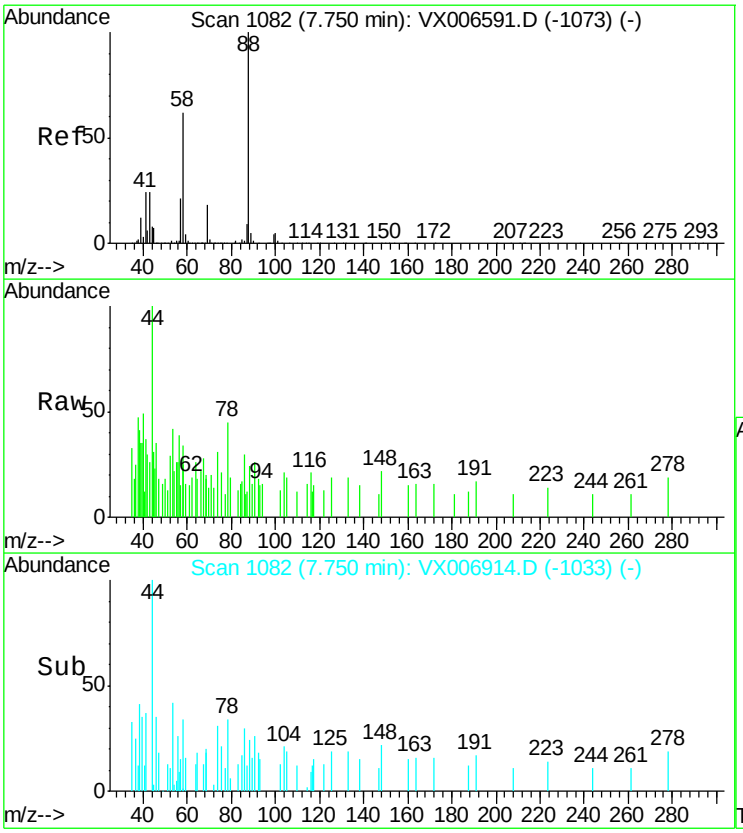
#44
Trichloroethene
Concen: 1.871 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX006914.D
Acq: 04 Jan 2019 15:38

Instrument : MSVOA_X
ClientSampleId : S32-0646DL

Tgt Ion:130 Resp: 14166

Ion	Ratio	Lower	Upper
130	100		
95	91.7	0.0	187.0

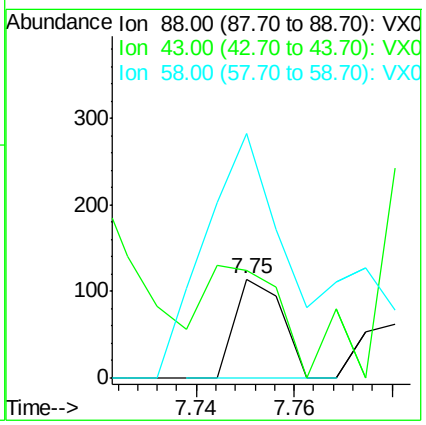


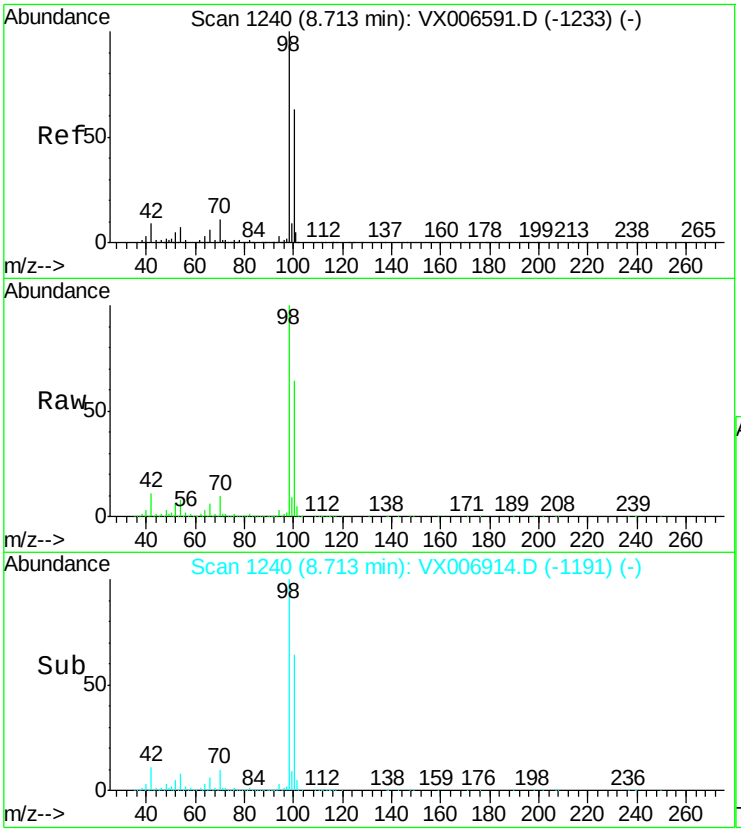


#49
1,4-Dioxane
Concen: Below Cal
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006914.D
Acq: 04 Jan 2019 15:38

Tgt Ion: 88 Resp: 76

Ion	Ratio	Lower	Upper
88	100		
43	172.4	22.2	33.4#
58	555.3	51.0	76.4#



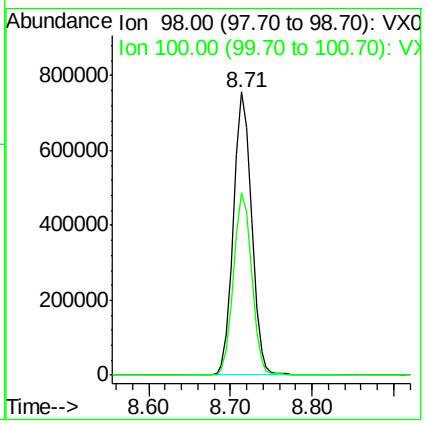


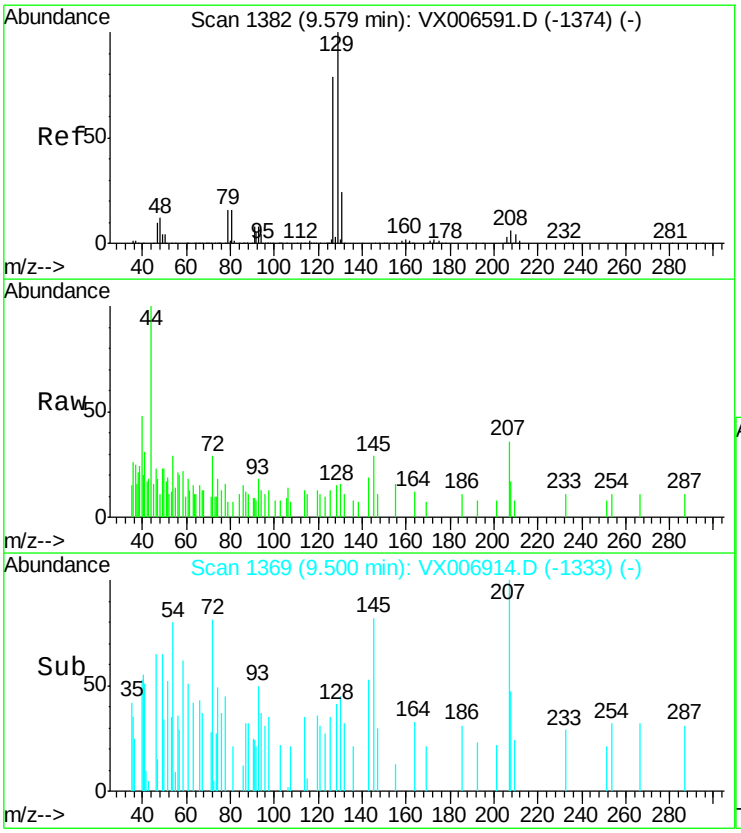
#50
Toluene-d8
Concen: 48.763 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006914.D
Acq: 04 Jan 2019 15:38

Instrument :
MSVOA_X
ClientSampleId :
S32-0646DL

Tgt Ion: 98 Resp: 1155080

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.0	78.0

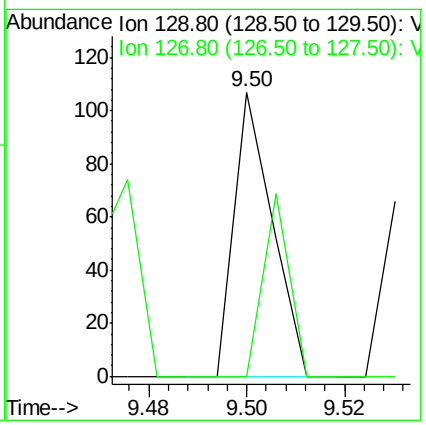


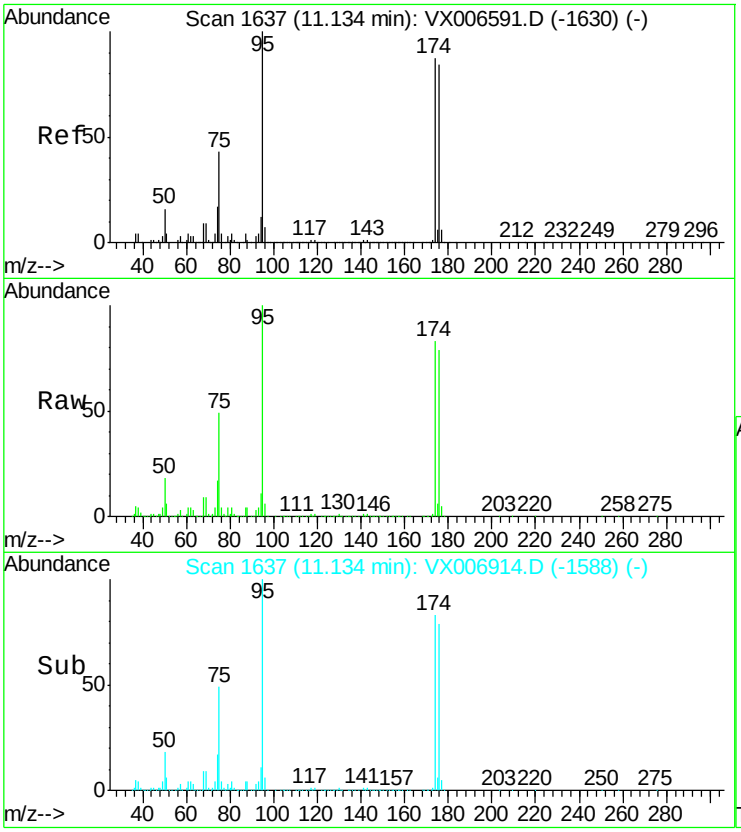


#60
Dibromochloromethane
Concen: 2.332 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.08 min
Lab File: VX006914.D
Acq: 04 Jan 2019 15:38

Tgt Ion:129 Resp: 58

Ion	Ratio	Lower	Upper
129	100		
127	43.1	39.3	117.8



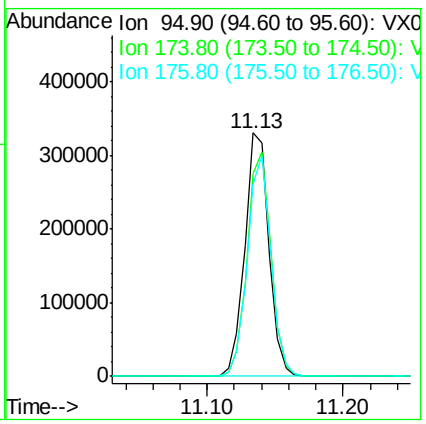


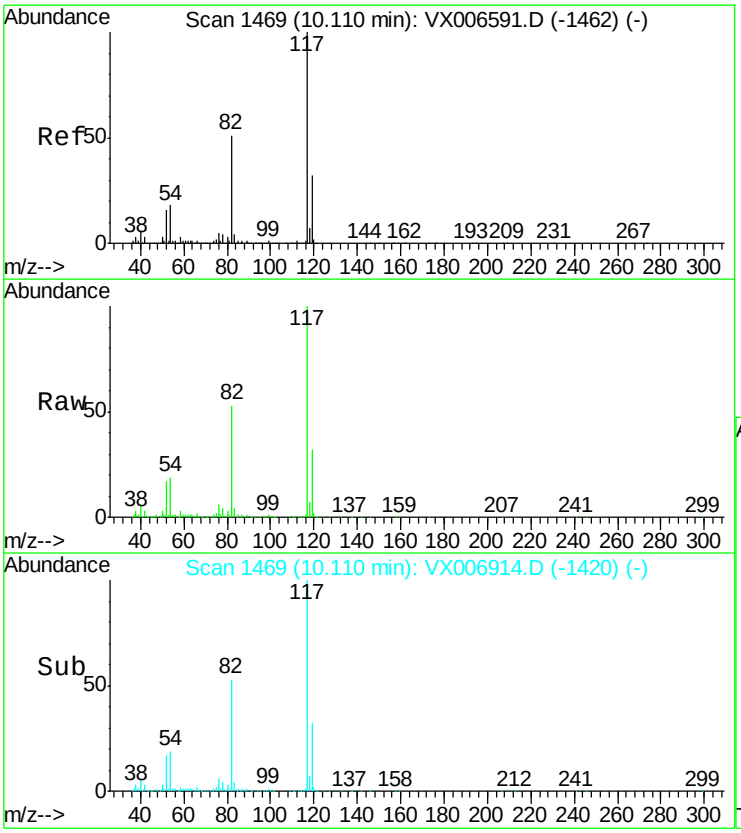
#62
4-Bromofluorobenzene
Concen: 47.378 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX006914.D
Acq: 04 Jan 2019 15:38

Instrument :
MSVOA_X
ClientSampleId :
S32-0646DL

Tgt Ion: 95 Resp: 411023

Ion	Ratio	Lower	Upper
95	100		
174	91.7	0.0	182.2
176	89.1	0.0	178.8

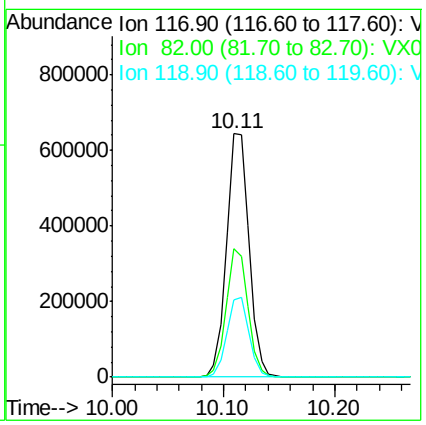


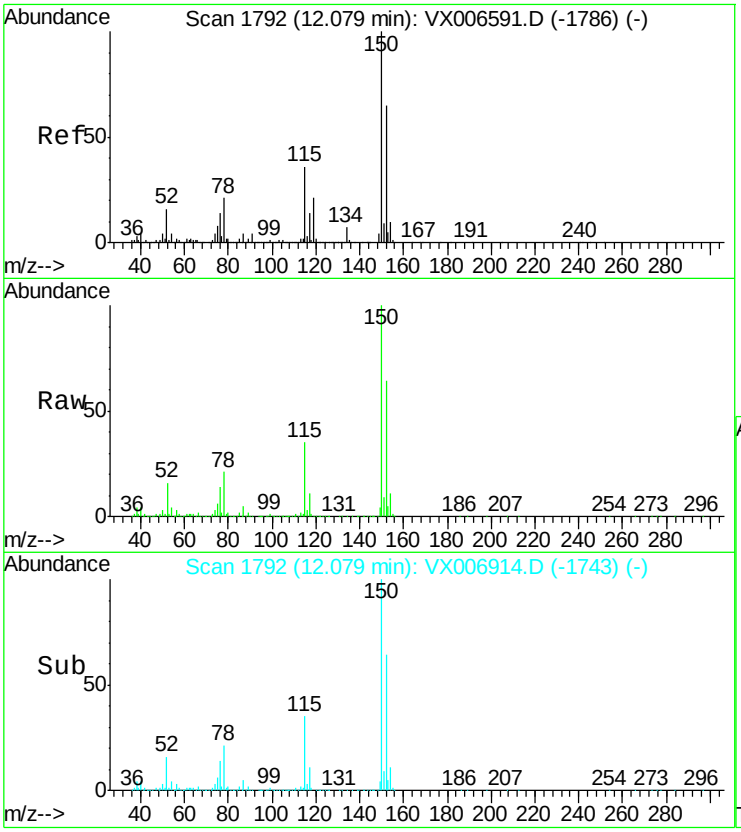


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX006914.D
Acq: 04 Jan 2019 15:38

Tgt Ion:117 Resp: 902145

Ion	Ratio	Lower	Upper
117	100		
82	52.7	41.0	61.6
119	31.8	25.4	38.0



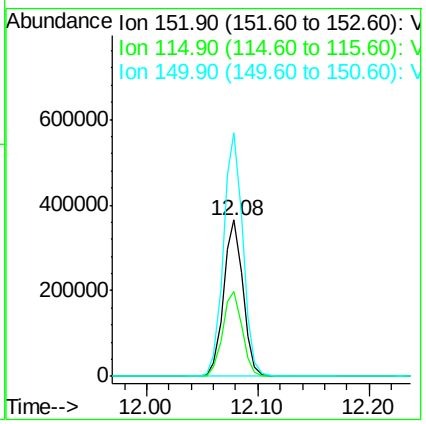


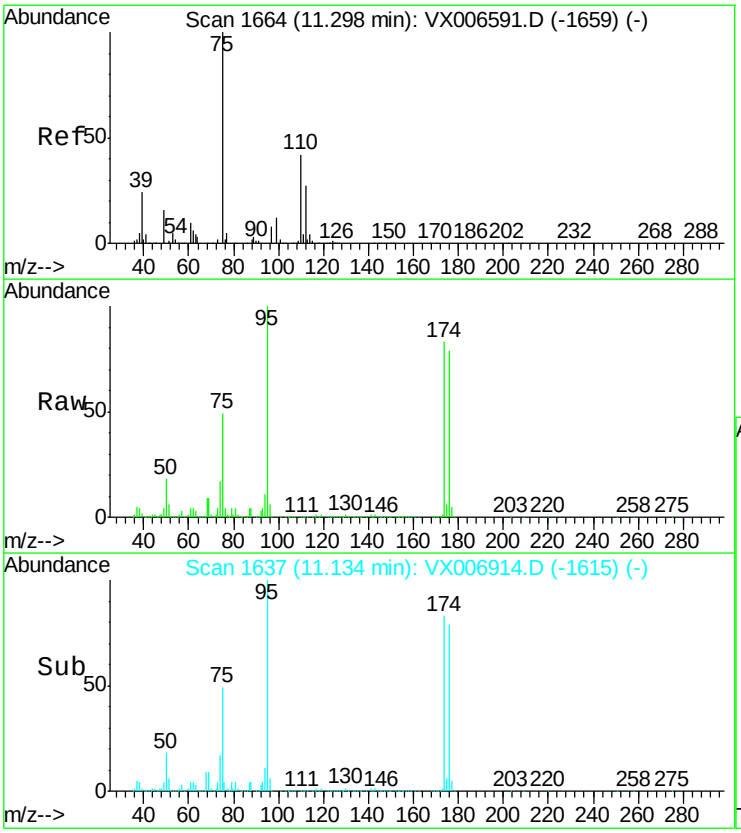
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006914.D
Acq: 04 Jan 2019 15:38

Instrument : MSVOA_X
ClientSampleId : S32-0646DL

Tgt Ion:152 Resp: 436451

Ion	Ratio	Lower	Upper
152	100		
115	55.1	39.1	117.2
150	156.0	0.0	344.8

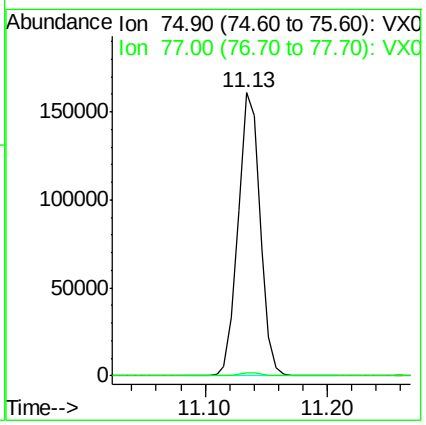


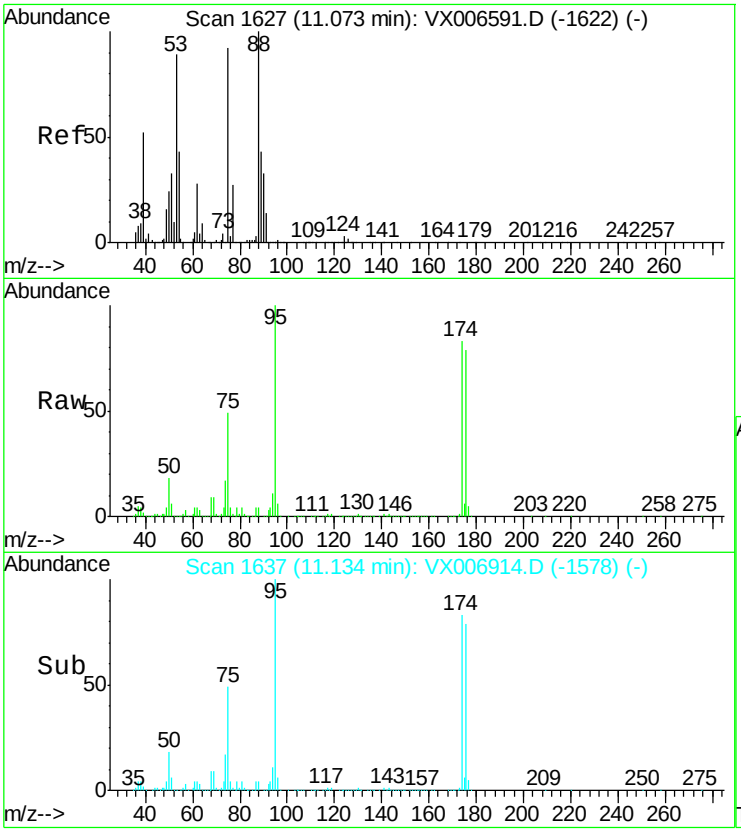


#76
1,2,3-Trichloropropane
Concen: 24.535 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006914.D
Acq: 04 Jan 2019 15:38

Tgt Ion: 75 Resp: 199003

Ion	Ratio	Lower	Upper
75	100		
77	1.2	18.5	55.5#



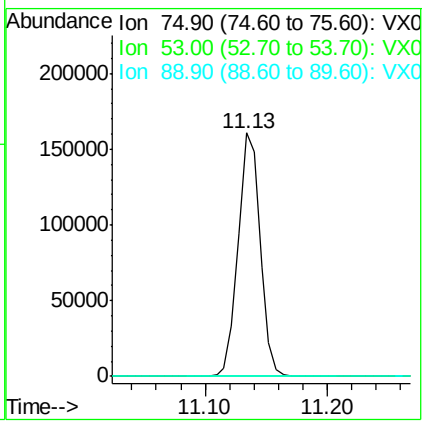


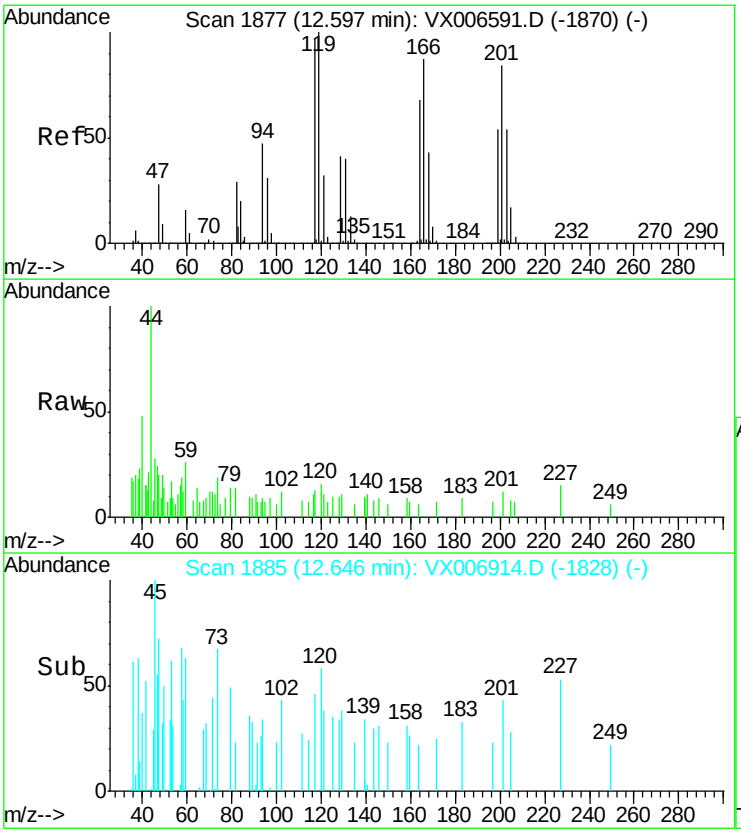
#81
trans-1,4-Dichloro-2-butene
Concen: 72.578 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006914.D
Acq: 04 Jan 2019 15:38

Instrument :
MSVOA_X
ClientSampleId :
S32-0646DL

Tgt Ion: 75 Resp: 199003

Ion	Ratio	Lower	Upper
75	100		
53	0.2	79.7	119.5#
89	0.0	38.0	57.0#





#90
Hexachloroethane
Concen: 3.321 ug/l
RT: 12.65 min Scan# 1885
Delta R.T. 0.05 min
Lab File: VX006914.D
Acq: 04 Jan 2019 15:38

Tgt Ion:117 Resp: 123

Ion	Ratio	Lower	Upper
117	100		
201	74.0	42.9	128.7