Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061518\
Data File : VX002606.D
Acq On : 15 Jun 2018 19:43
Operator : JC/MD
Sample : J3544-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 15 23:52:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 15 14:54:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	210653	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	299312	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	278731	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159002	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	141368	44.16	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.32%				
35) Dibromofluoromethane	5.51	113	107604	45.05	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.10%				
50) Toluene-d8	8.72	98	427692	47.15	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.30%				
62) 4-Bromofluorobenzene	11.14	95	152414	44.35	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.70%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	1028	0.39	ug/l		89
5) Bromomethane	1.65	94	835	0.50	ug/l		100
10) Methyl Iodide	2.53	142	2268	5.78	ug/l	#	89
11) Tert butyl alcohol	3.07	59	373	0.56	ug/l	#	40
13) Acrolein	2.28	56	259	7.68	ug/l		93
15) Acrylonitrile	3.14	53	780	0.54	ug/l	#	93
16) Acetone	2.45	43	6083	4.31	ug/l	#	88
17) Carbon Disulfide	2.57	76	1948	0.35	ug/l		99
20) Methylene Chloride	2.87	84	1568	0.54	ug/l	#	84
21) trans-1,2-Dichloroethene	3.16	96	539	0.21	ug/l	#	70
29) Tetrahydrofuran	5.19	42	965	0.79	ug/l	#	58
38) Carbon Tetrachloride	5.67	117	19517	6.17	ug/l	#	16
53) t-1,3-Dichloropropene	8.43	75	221	2.45	ug/l	#	43
54) cis-1,3-Dichloropropene	9.05	75	311	3.29	ug/l	#	39
60) Dibromochloromethane	9.35	129	606	3.96	ug/l	#	11
68) m/p-Xylenes	10.37	106	1146	0.26	ug/l		91
76) 1,2,3-Trichloropropane	11.14	75	82224	27.40	ug/l	#	33
78) n-propylbenzene	11.37	91	2451	0.20	ug/l		97
81) trans-1,4-Dichloro-2-buten	11.14	75	82224	84.54	ug/l	#	6
82) 4-Chlorotoluene	11.51	91	1883	0.22	ug/l		97
84) 1,2,4-Trimethylbenzene	11.81	105	1978	0.22	ug/l		97
87) 1,3-Dichlorobenzene	12.04	146	1586	0.29	ug/l		93
88) 1,4-Dichlorobenzene	12.04	146	1586	0.29	ug/l		93
89) n-Butylbenzene	12.40	91	1958	0.23	ug/l		90
90) Hexachloroethane	12.60	117	65	2.67	ug/l	#	29
93) 1,2,4-Trichlorobenzene	13.65	180	1892	0.48	ug/l		89
94) Hexachlorobutadiene	13.79	225	595	0.28	ug/l		82
96) 1,2,3-Trichlorobenzene	14.02	180	1335	0.33	ug/l		92

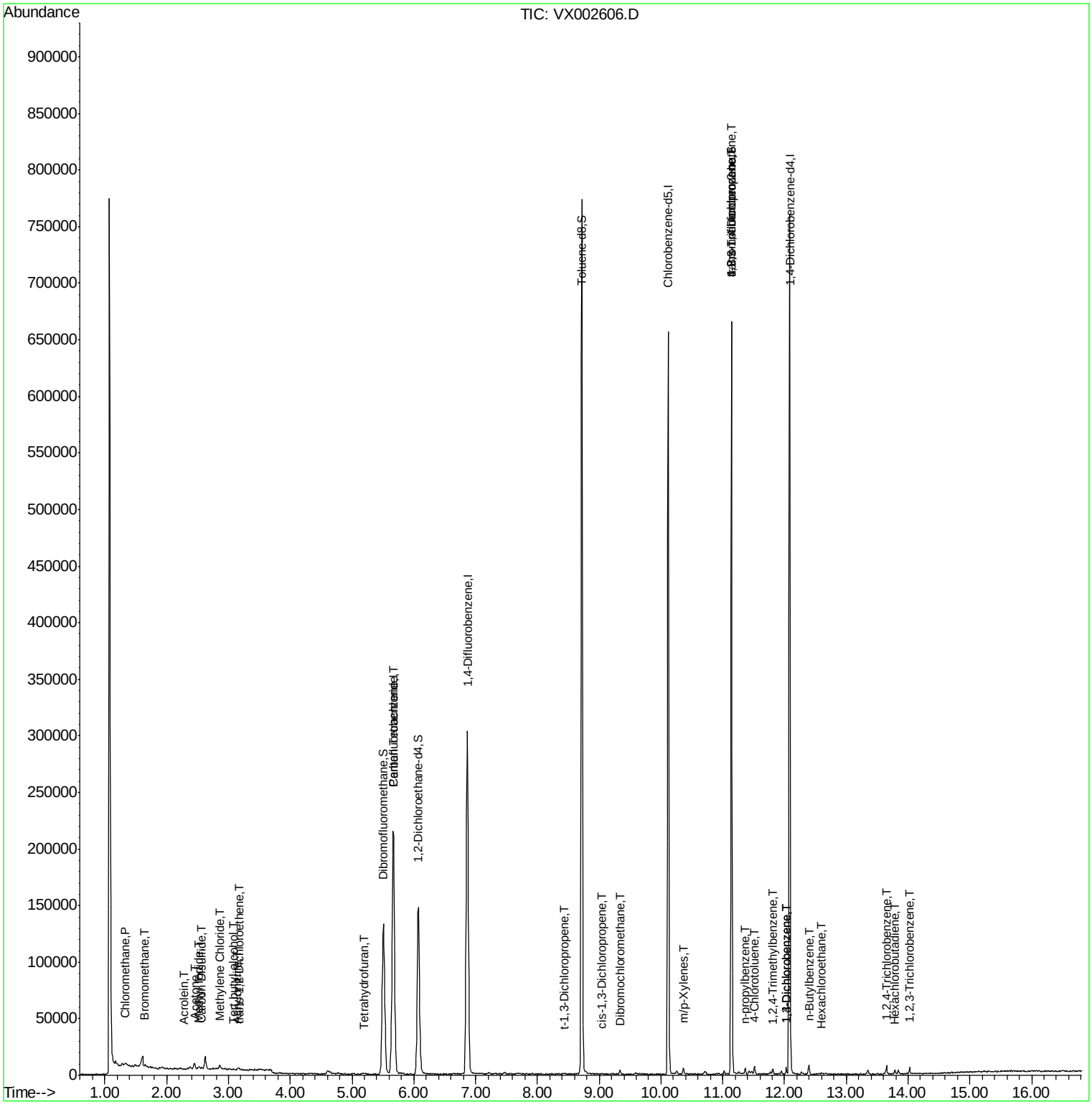
(#) = qualifier out of range (m) = manual integration (+) = signals summed

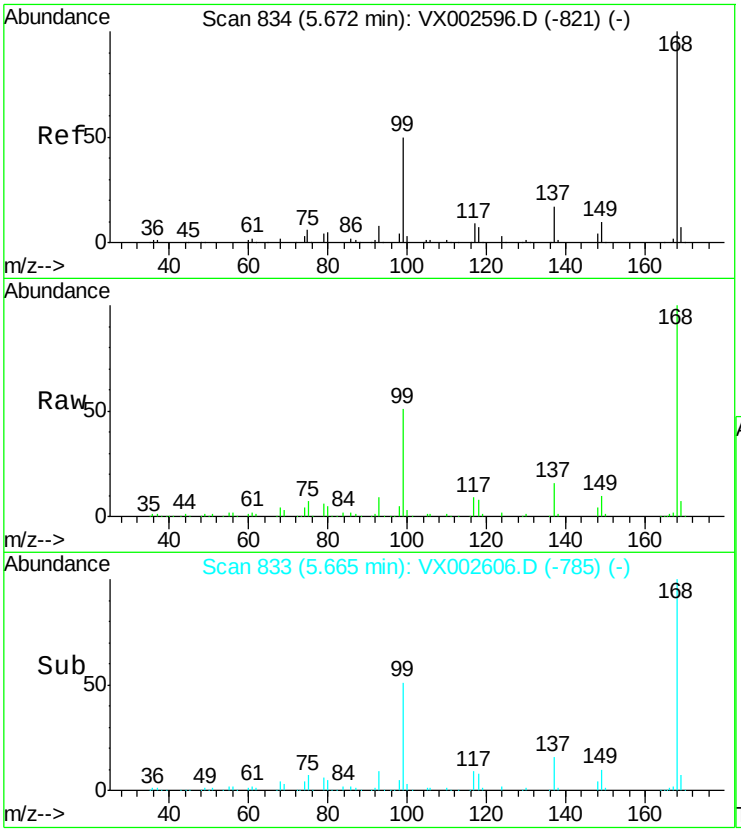
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
Data File : VX002606.D
Acq On : 15 Jun 2018 19:43
Operator : JC/MD
Sample : J3544-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 15 23:52:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 15 14:54:36 2018
Response via : Initial Calibration



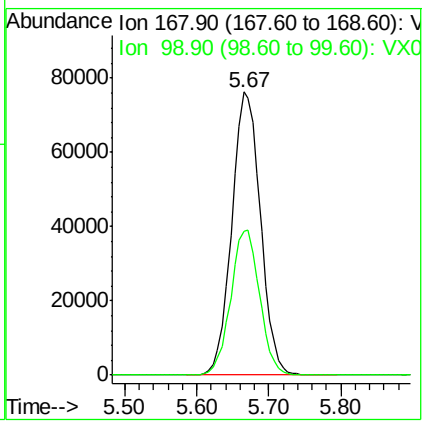


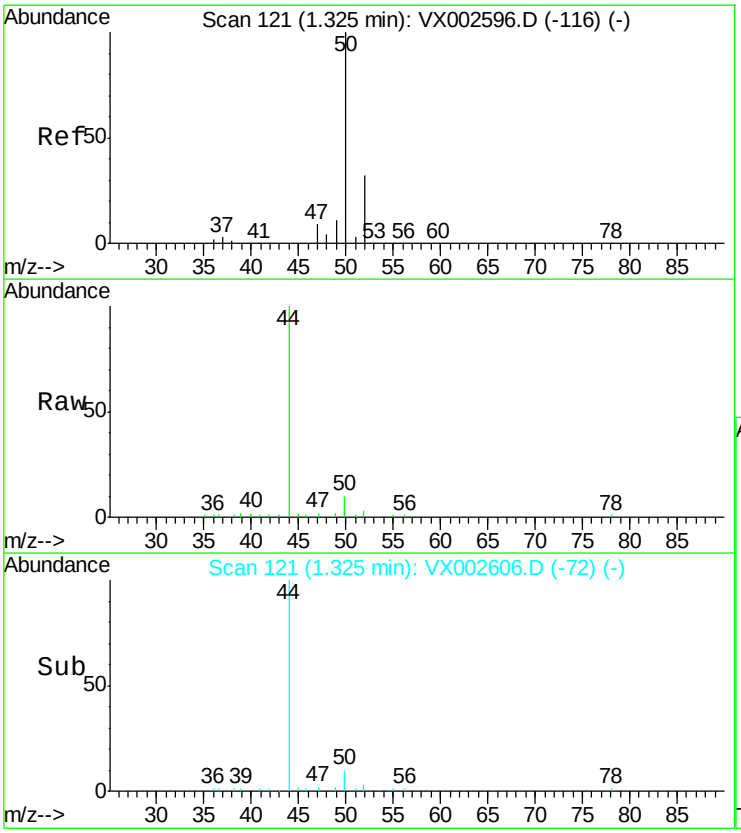
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.01 min
Lab File: VX002606.D
Acq: 15 Jun 2018 19:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 210653

Ion	Ratio	Lower	Upper
168	100		
99	50.8	39.3	58.9

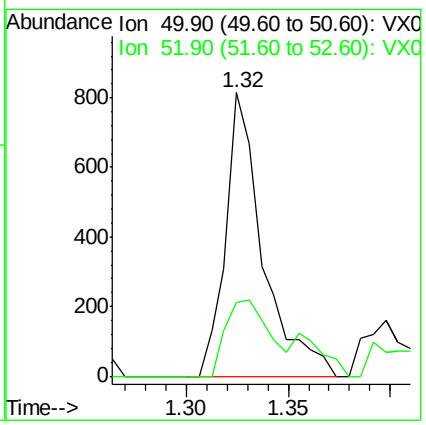


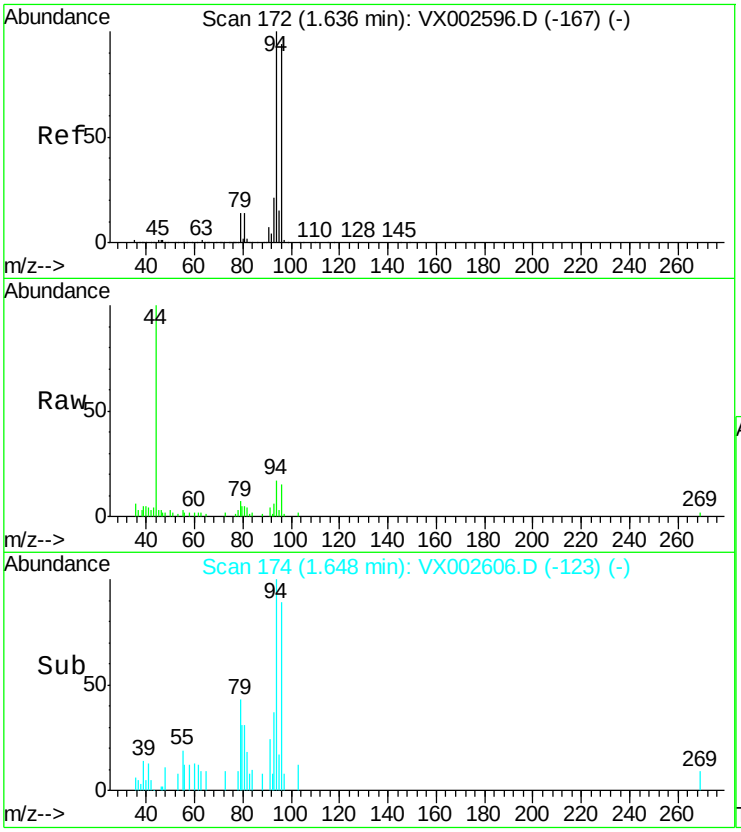


#3
Chloromethane
Concen: 0.39 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX002606.D
Acq: 15 Jun 2018 19:43

Tgt Ion: 50 Resp: 1028

Ion	Ratio	Lower	Upper
50	100		
52	25.8	25.7	38.5



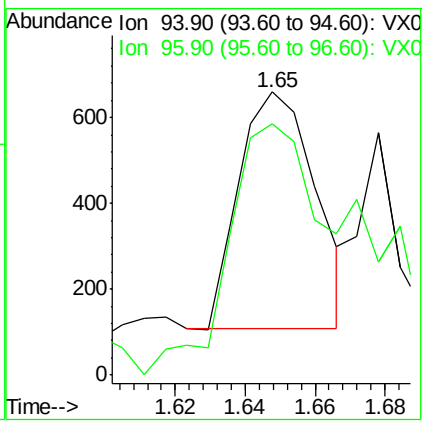


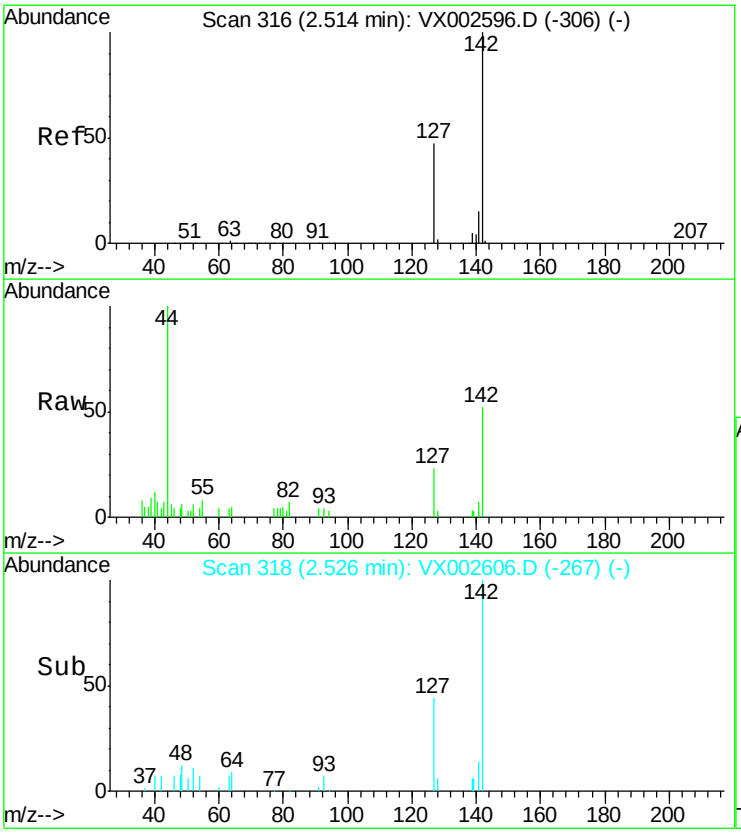
#5
Bromomethane
Concen: 0.50 ug/l
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX002606.D
Acq: 15 Jun 2018 19:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 835

Ion	Ratio	Lower	Upper
94	100		
96	93.3	74.9	112.3

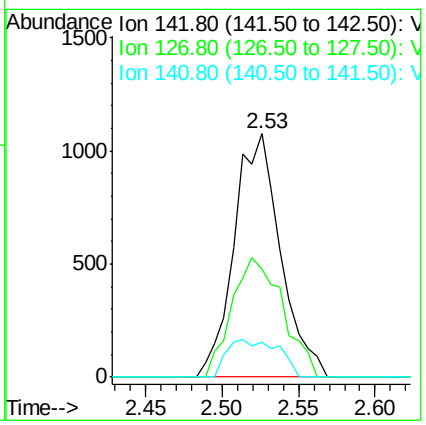


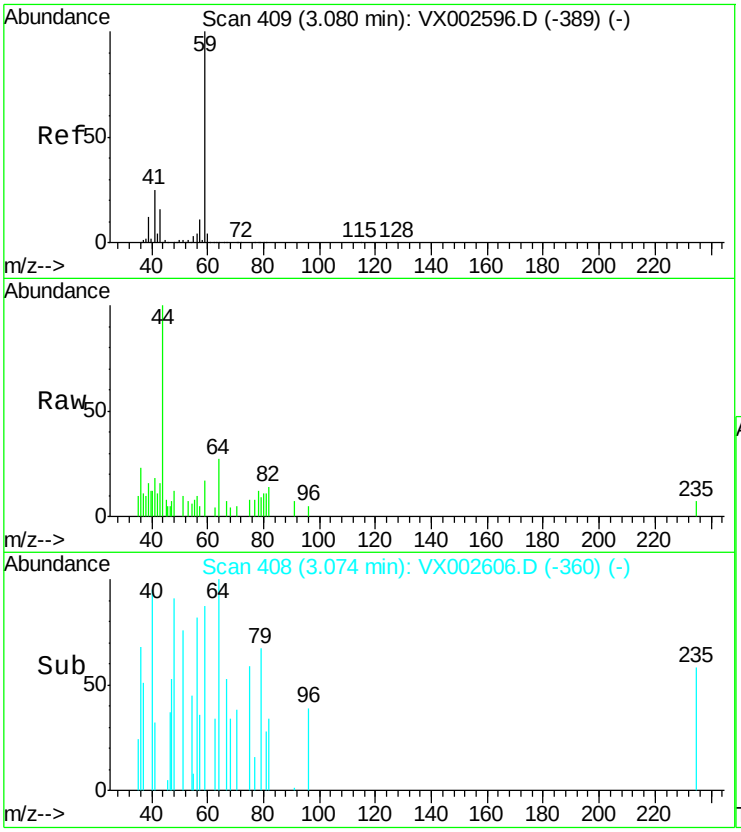


#10
Methyl Iodide
Concen: 5.78 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX002606.D
Acq: 15 Jun 2018 19:43

Tgt Ion:142 Resp: 2268

Ion	Ratio	Lower	Upper
142	100		
127	53.7	36.6	55.0
141	17.0	11.3	16.9#



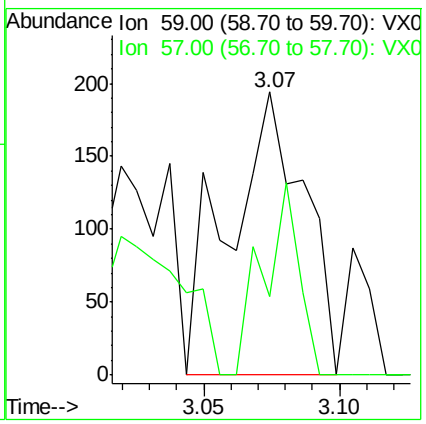


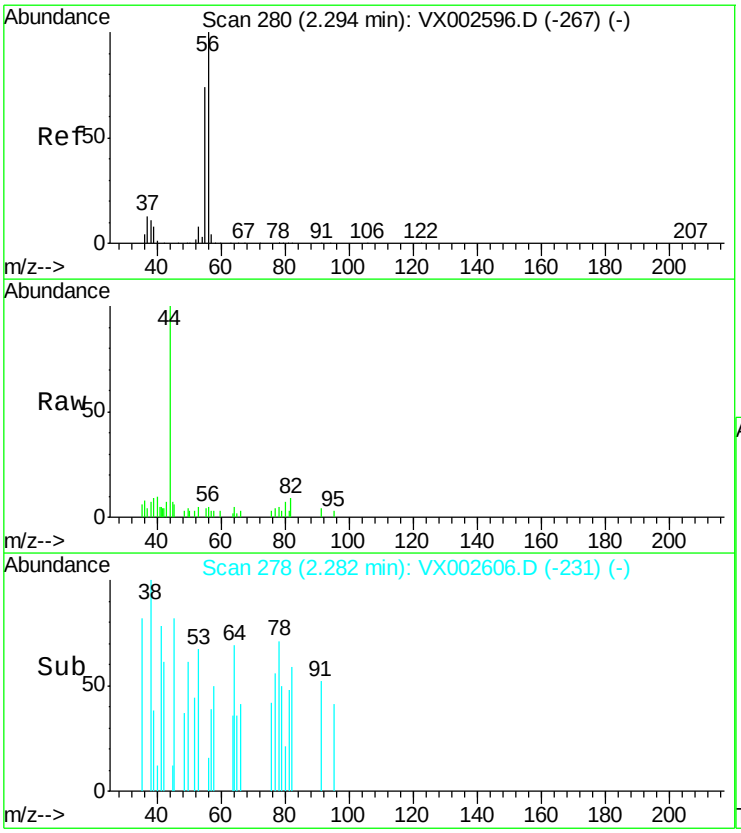
#11
Tert butyl alcohol
Concen: 0.56 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002606.D
Acq: 15 Jun 2018 19:43

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 373

Ion	Ratio	Lower	Upper
59	100		
57	32.4	8.2	12.2#

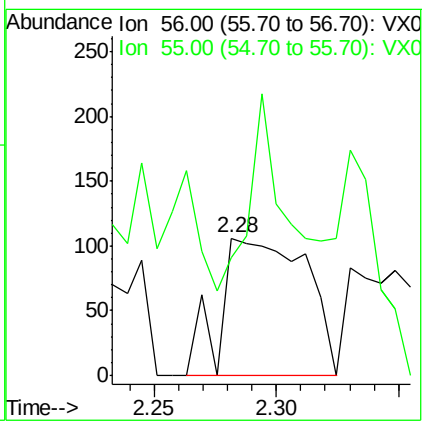


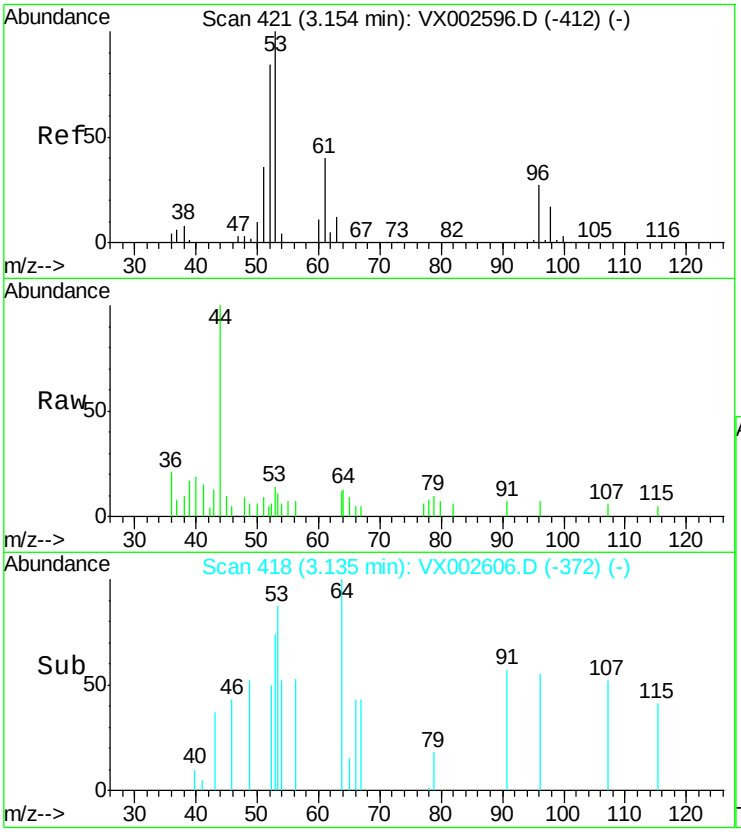


#13
Acrolein
Concen: 7.68 ug/l
RT: 2.28 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX002606.D
Acq: 15 Jun 2018 19:43

Tgt Ion: 56 Resp: 259

Ion	Ratio	Lower	Upper
56	100		
55	76.8	57.0	85.4



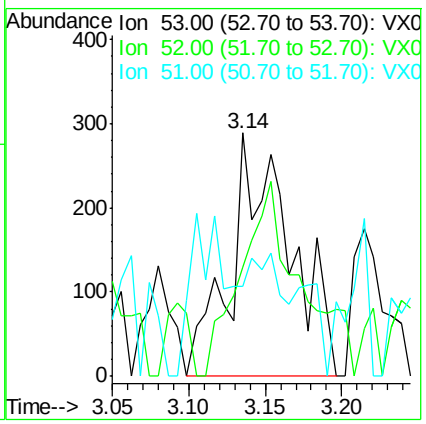


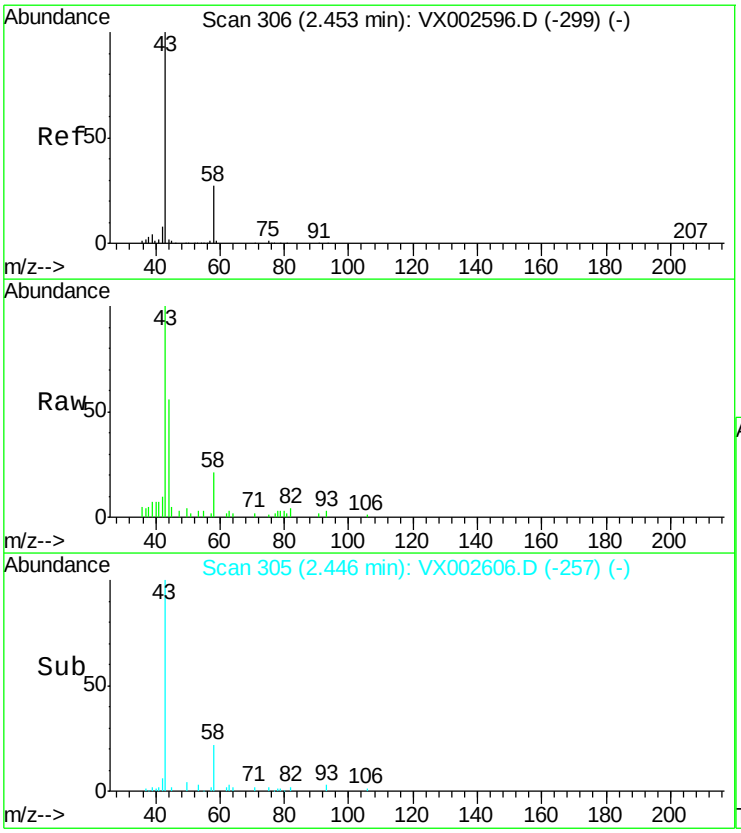
#15
Acrylonitrile
Concen: 0.54 ug/l
RT: 3.14 min Scan# 418
Delta R.T. -0.02 min
Lab File: VX002606.D
Acq: 15 Jun 2018 19:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 780

Ion	Ratio	Lower	Upper
53	100		
52	80.8	66.7	100.1
51	27.9	29.9	44.9#

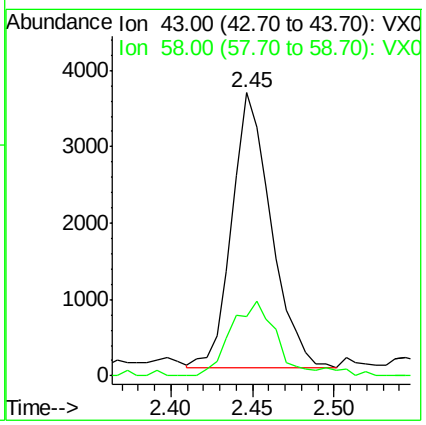


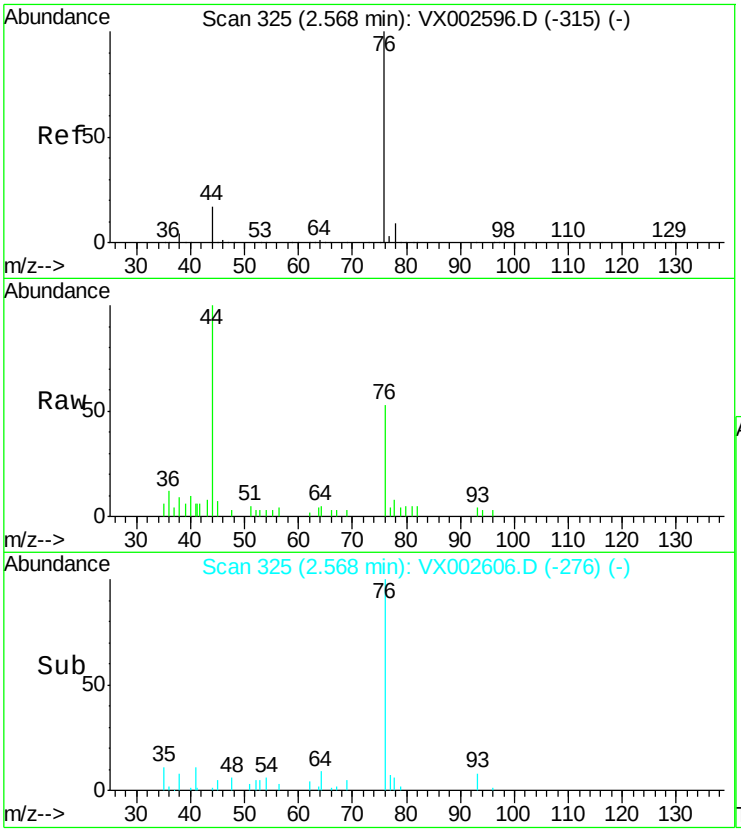


#16
Acetone
Concen: 4.31 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002606.D
Acq: 15 Jun 2018 19:43

Tgt Ion: 43 Resp: 6083

Ion	Ratio	Lower	Upper
43	100		
58	21.5	22.1	33.1#



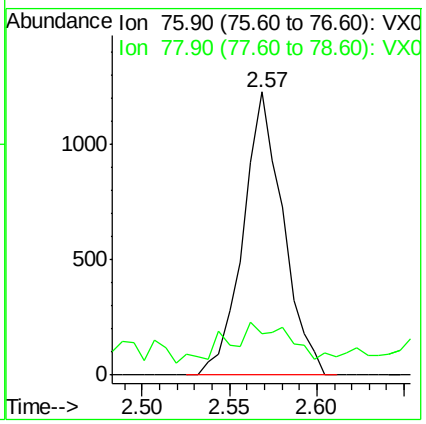


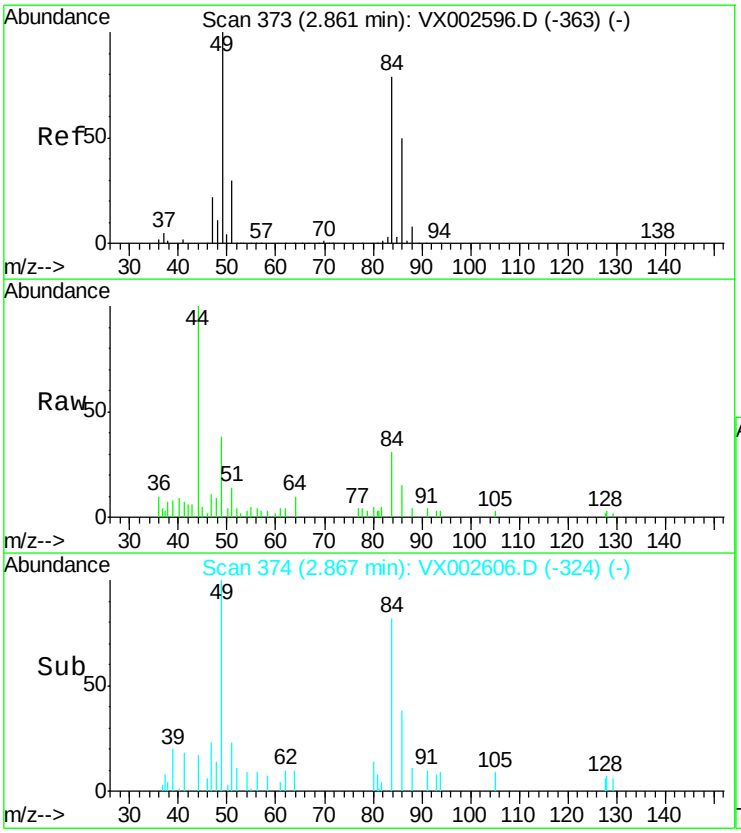
#17
Carbon Disulfide
Concen: 0.35 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002606.D
Acq: 15 Jun 2018 19:43

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 1948

Ion	Ratio	Lower	Upper
76	100		
78	8.1	6.9	10.3

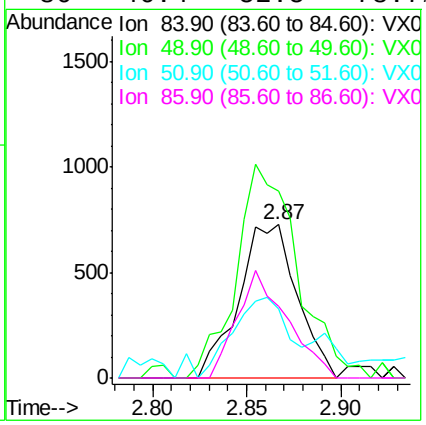


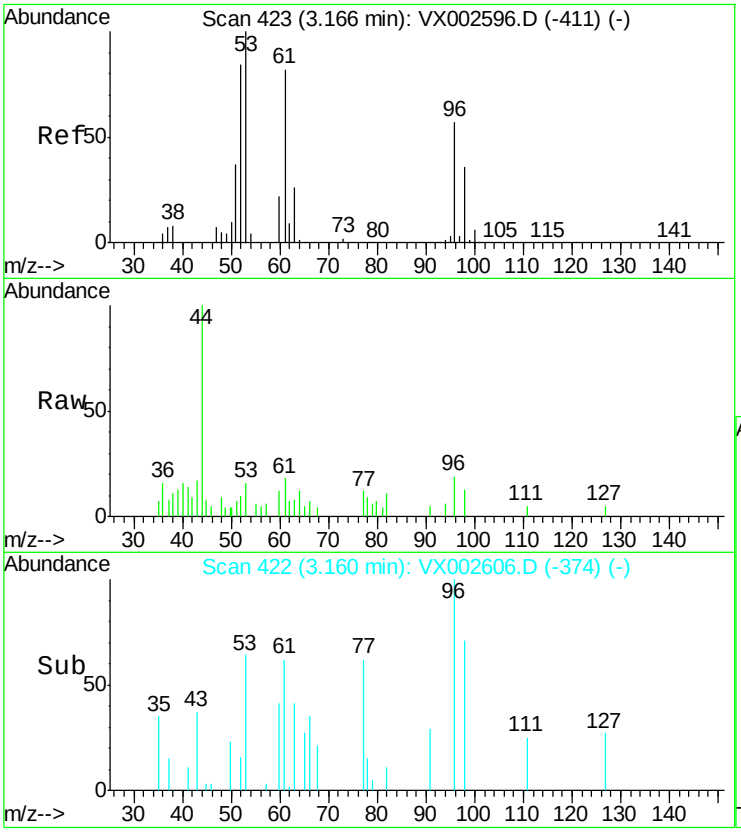


#20
Methylene Chloride
Concen: 0.54 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX002606.D
Acq: 15 Jun 2018 19:43

Tgt Ion: 84 Resp: 1568

Ion	Ratio	Lower	Upper
84	100		
49	121.6	107.8	161.6
51	29.1	32.8	49.2#
86	46.4	52.5	78.7#



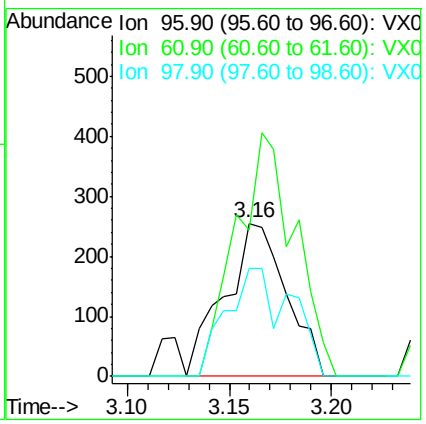


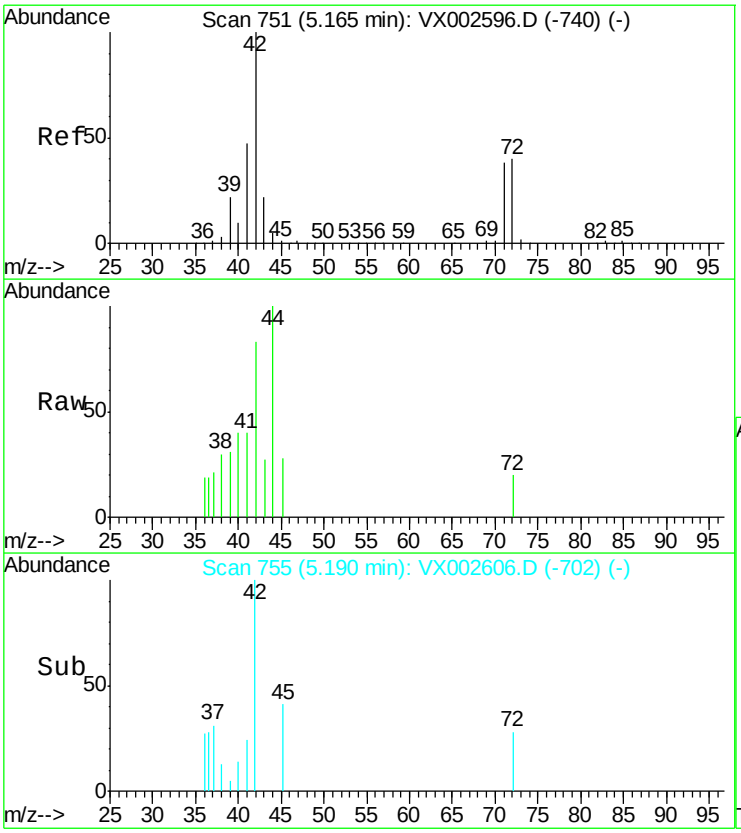
#21
trans-1,2-Dichloroethene
Concen: 0.21 ug/l
RT: 3.16 min Scan# 422
Delta R.T. -0.01 min
Lab File: VX002606.D
Acq: 15 Jun 2018 19:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 539

Ion	Ratio	Lower	Upper
96	100		
61	95.3	117.0	175.4#
98	70.6	52.4	78.6

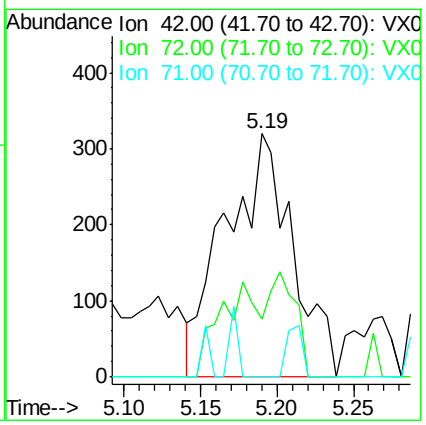


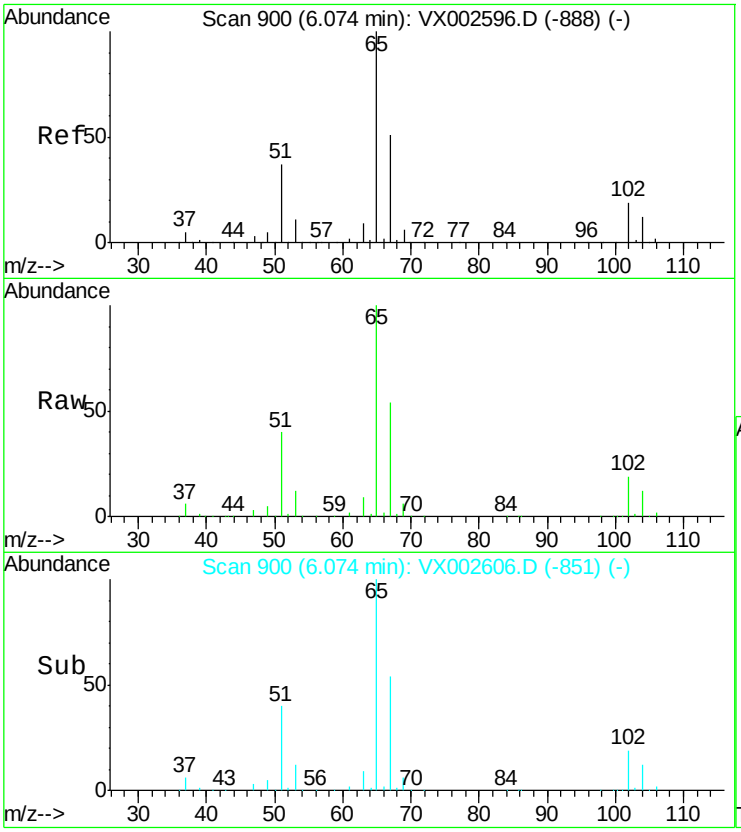


#29
Tetrahydrofuran
Concen: 0.79 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.02 min
Lab File: VX002606.D
Acq: 15 Jun 2018 19:43

Tgt Ion: 42 Resp: 965

Ion	Ratio	Lower	Upper
42	100		
72	22.9	32.0	48.0#
71	3.5	30.1	45.1#



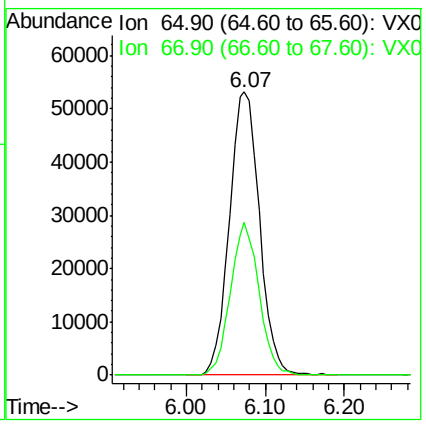


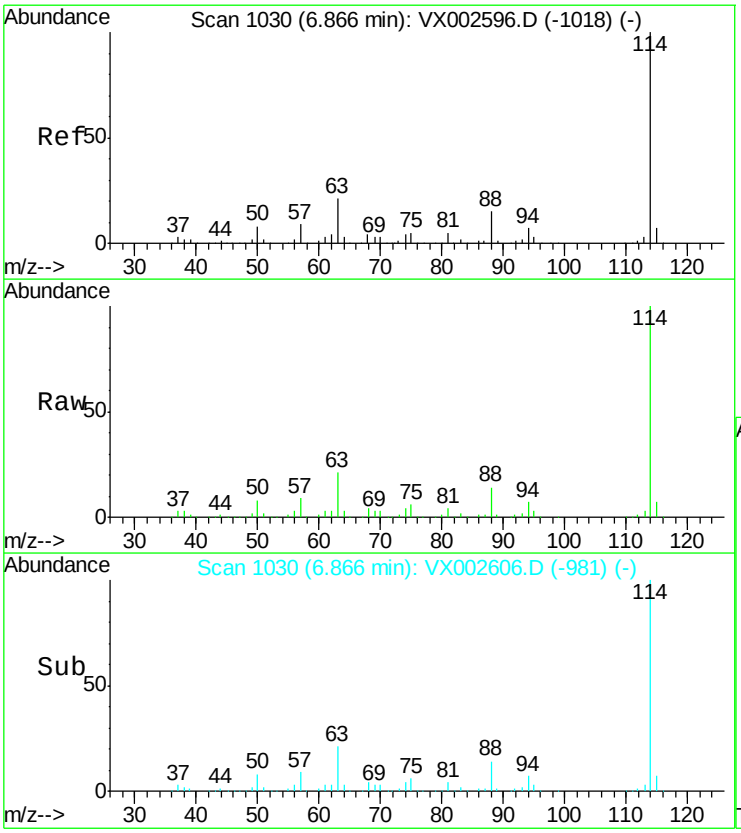
#33
1,2-Dichloroethane-d4
Concen: 44.16 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002606.D
Acq: 15 Jun 2018 19:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 141368

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	102.6

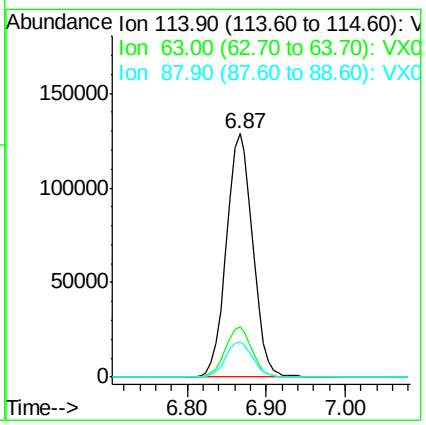


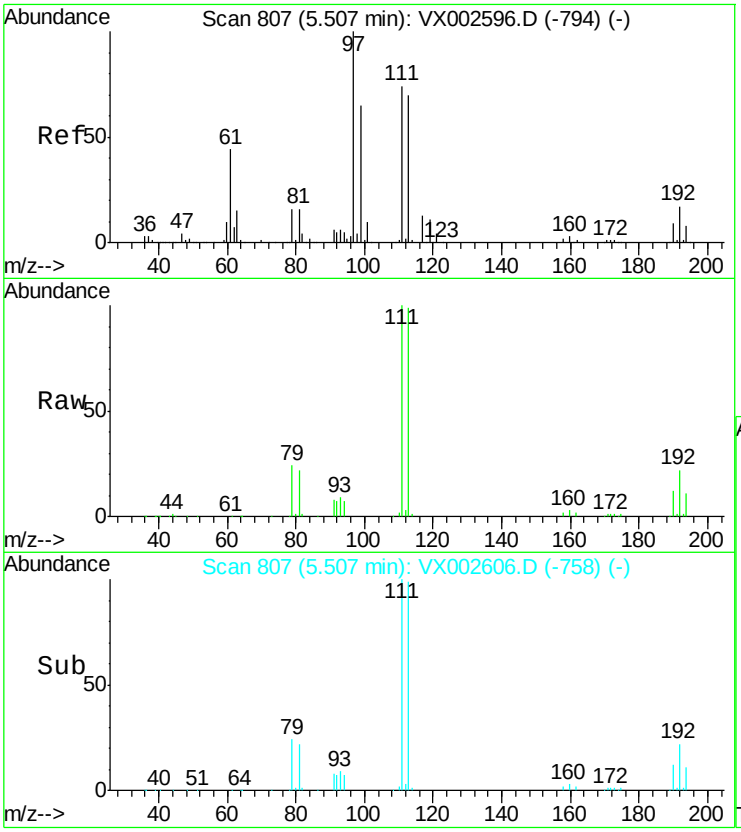


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002606.D
Acq: 15 Jun 2018 19:43

Tgt Ion:114 Resp: 299312

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	41.4
88	14.5	0.0	30.0



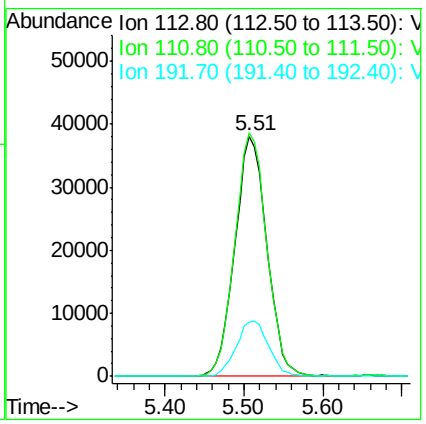


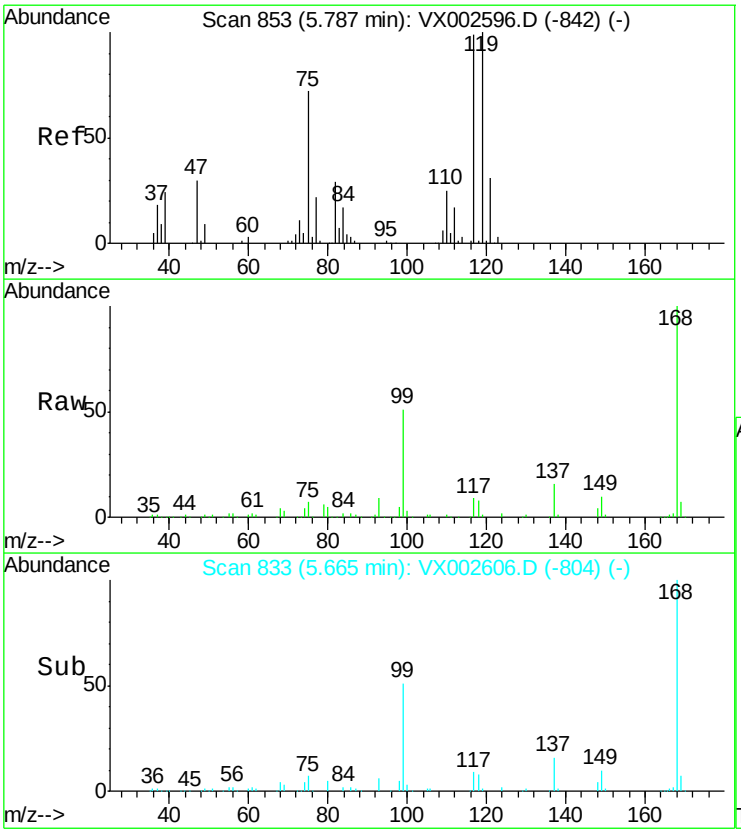
#35
Dibromofluoromethane
Concen: 45.05 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002606.D
Acq: 15 Jun 2018 19:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 107604

Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.4	122.0
192	23.3	19.1	28.7

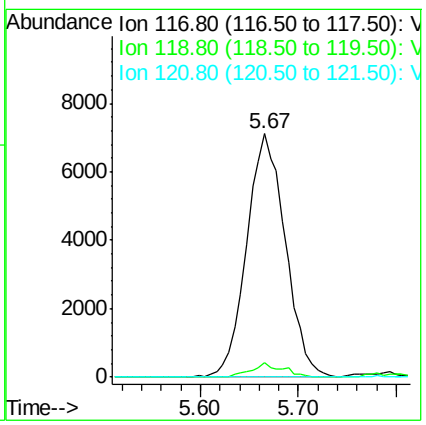


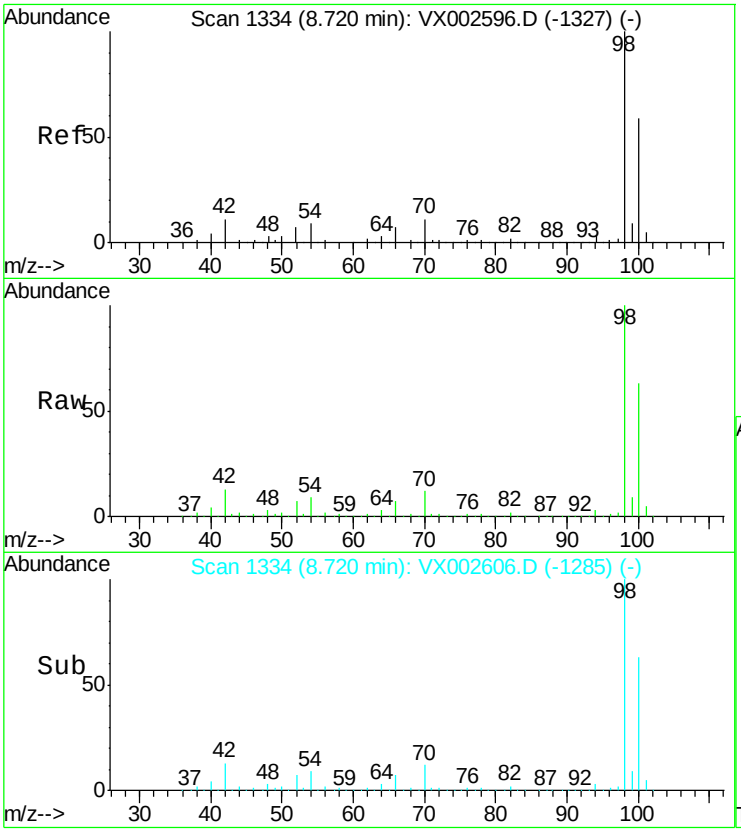


#38
Carbon Tetrachloride
Concen: 6.17 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002606.D
Acq: 15 Jun 2018 19:43

Tgt Ion:117 Resp: 19517

Ion	Ratio	Lower	Upper
117	100		
119	5.9	77.4	116.0#
121	0.0	24.4	36.6#



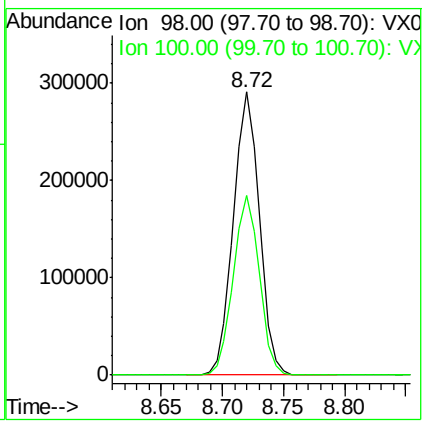


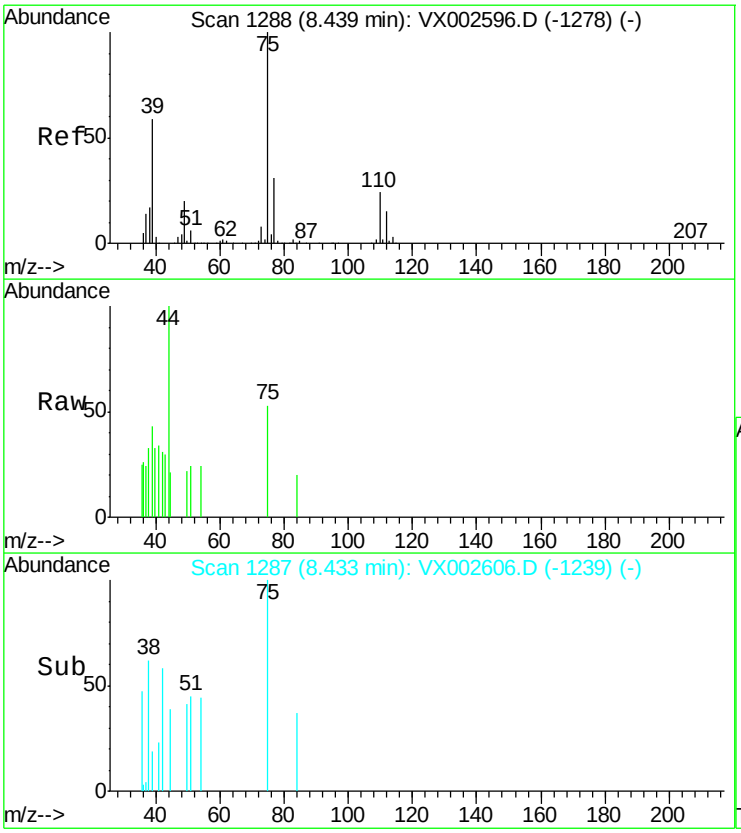
#50
Toluene-d8
Concen: 47.15 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002606.D
Acq: 15 Jun 2018 19:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 427692

Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.9	76.3

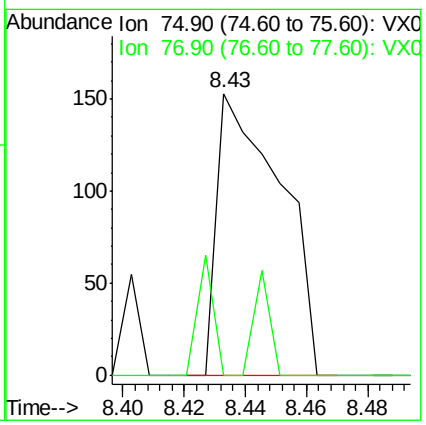


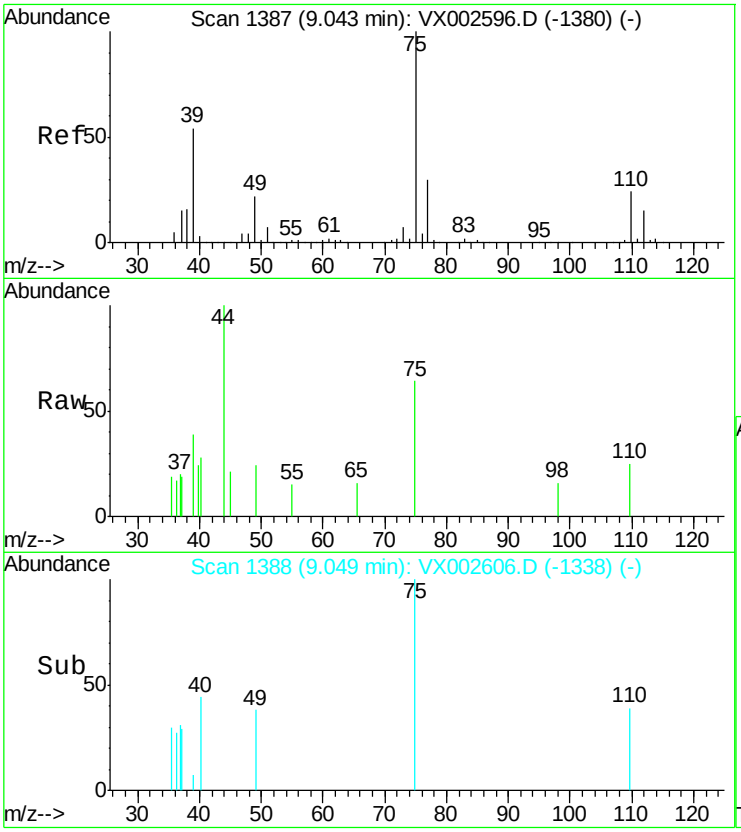


#53
t-1,3-Dichloropropene
Concen: 2.45 ug/l
RT: 8.43 min Scan# 1287
Delta R.T. -0.01 min
Lab File: VX002606.D
Acq: 15 Jun 2018 19:43

Tgt Ion: 75 Resp: 221

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.2#



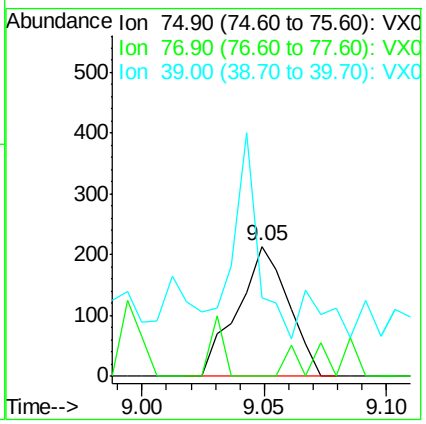


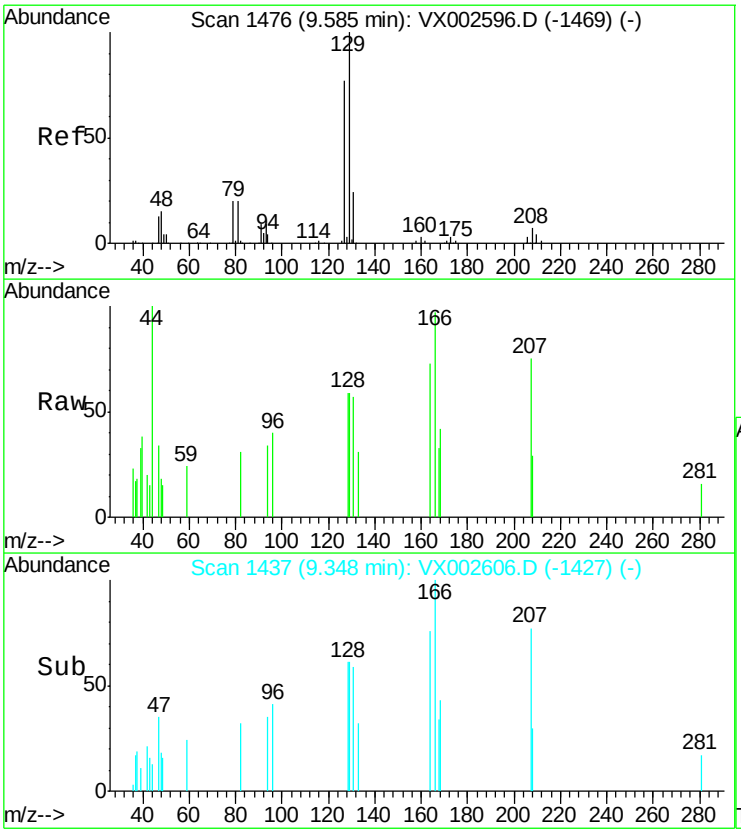
#54
cis-1,3-Dichloropropene
Concen: 3.29 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VX002606.D
Acq: 15 Jun 2018 19:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 311

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.8	37.2#
39	7.9	42.4	63.6#

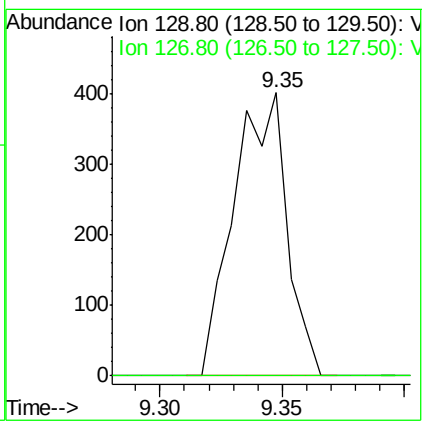


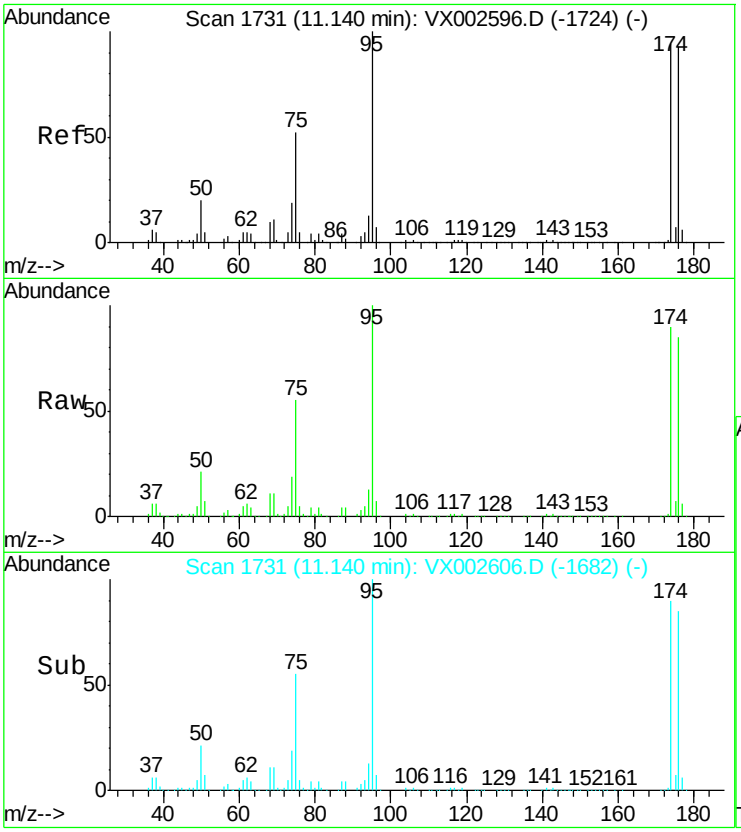


#60
Dibromochloromethane
Concen: 3.96 ug/l
RT: 9.35 min Scan# 1437
Delta R.T. -0.24 min
Lab File: VX002606.D
Acq: 15 Jun 2018 19:43

Tgt Ion:129 Resp: 606

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.5	115.3#



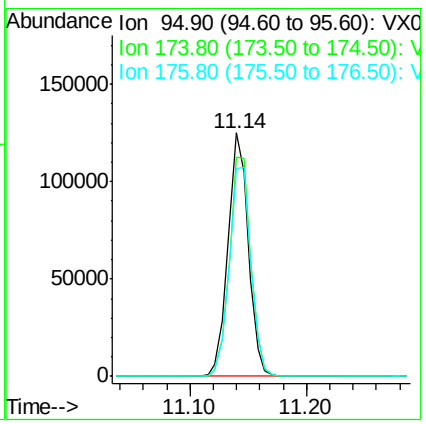


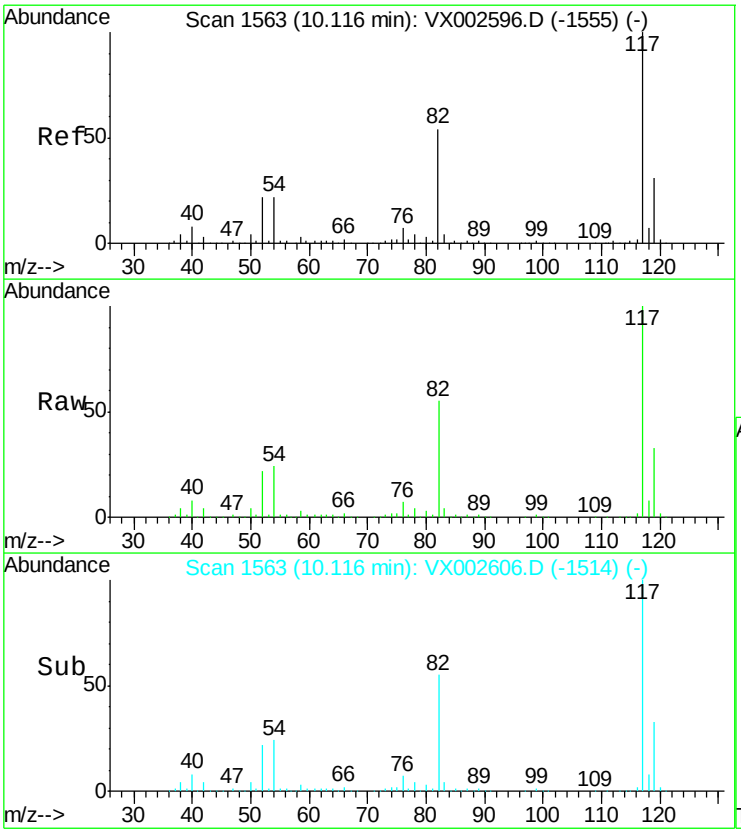
#62
4-Bromofluorobenzene
Concen: 44.35 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002606.D
Acq: 15 Jun 2018 19:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 152414

Ion	Ratio	Lower	Upper
95	100		
174	94.8	0.0	187.4
176	92.1	0.0	181.0

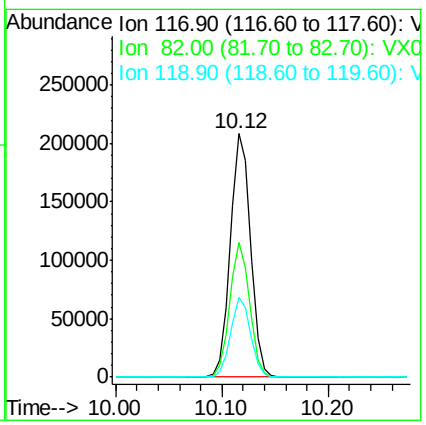


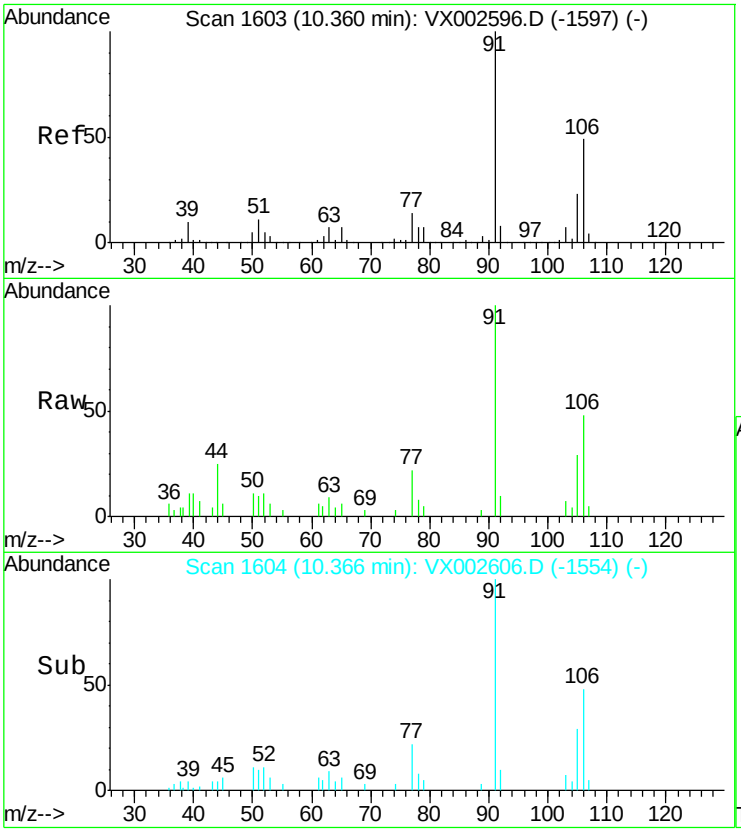


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002606.D
Acq: 15 Jun 2018 19:43

Tgt Ion:117 Resp: 278731

Ion	Ratio	Lower	Upper
117	100		
82	55.3	45.0	67.4
119	32.9	25.8	38.6



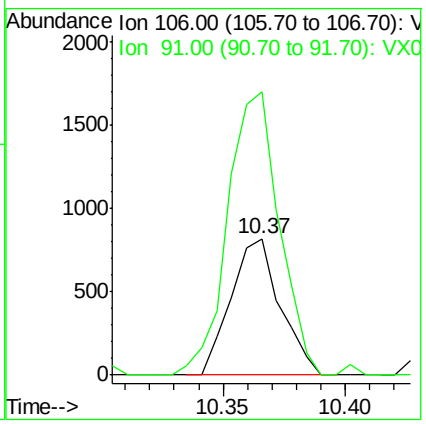


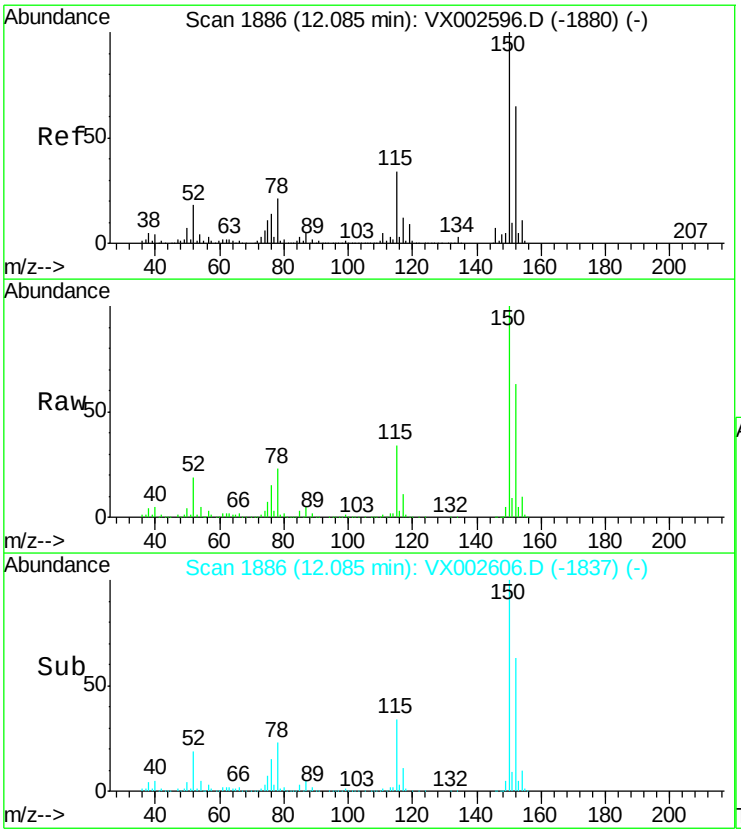
#68
m/p-Xylenes
Concen: 0.26 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX002606.D
Acq: 15 Jun 2018 19:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 1146

Ion	Ratio	Lower	Upper
106	100		
91	217.8	163.4	245.2

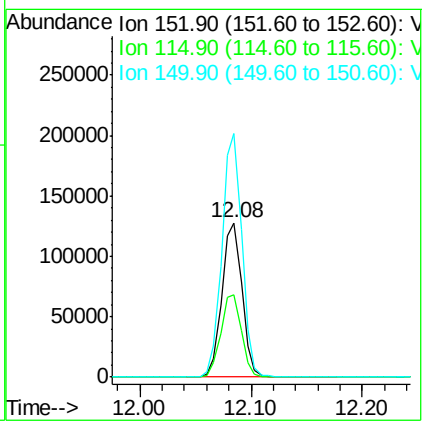


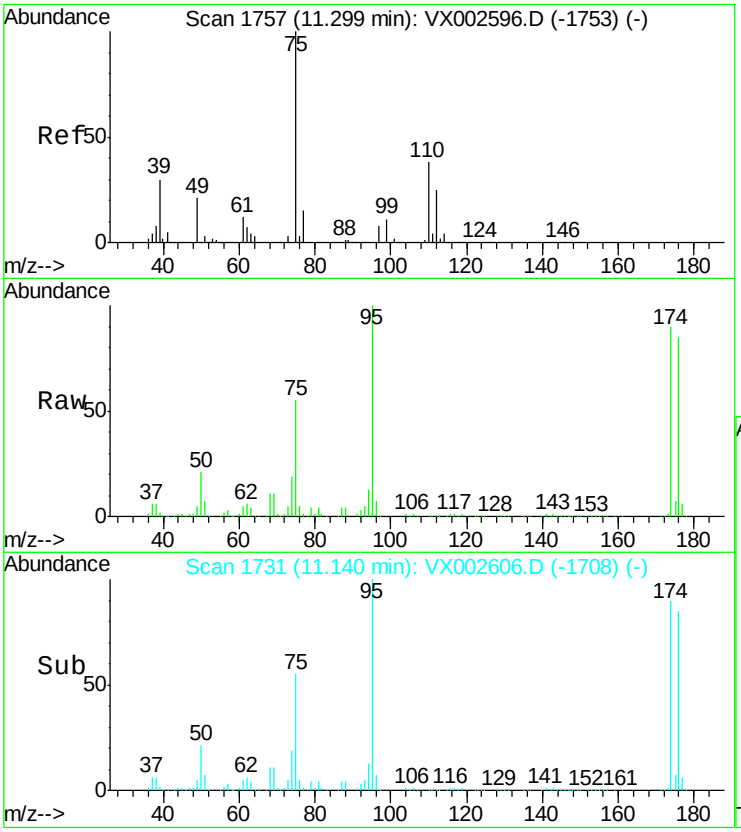


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002606.D
Acq: 15 Jun 2018 19:43

Tgt Ion:152 Resp: 159002

Ion	Ratio	Lower	Upper
152	100		
115	54.9	40.1	120.2
150	156.9	0.0	347.2



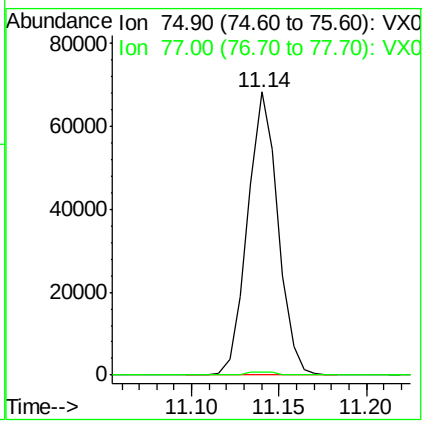


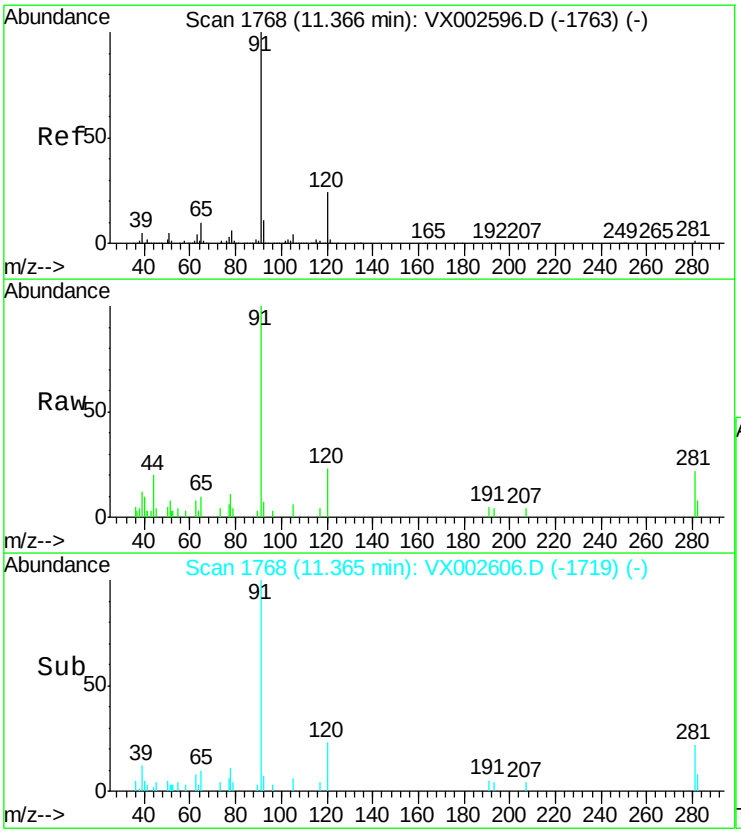
#76
1,2,3-Trichloropropane
Concen: 27.40 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002606.D
Acq: 15 Jun 2018 19:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 82224

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.8	68.3#

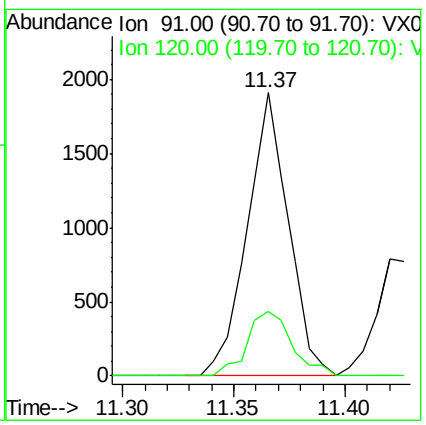


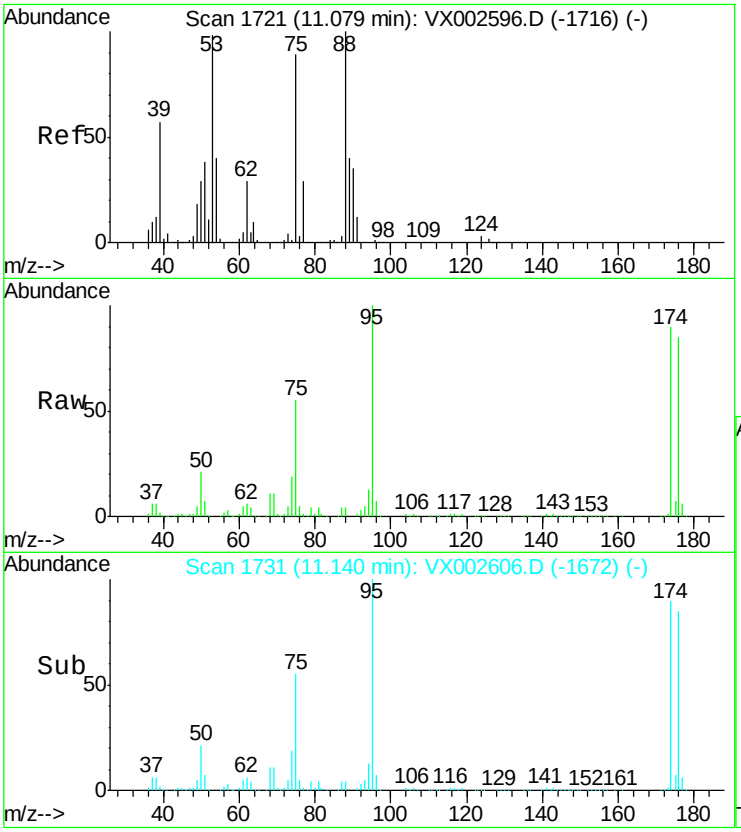


#78
n-propylbenzene
Concen: 0.20 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX002606.D
Acq: 15 Jun 2018 19:43

Tgt Ion: 91 Resp: 2451

Ion	Ratio	Lower	Upper
91	100		
120	24.8	11.8	35.4



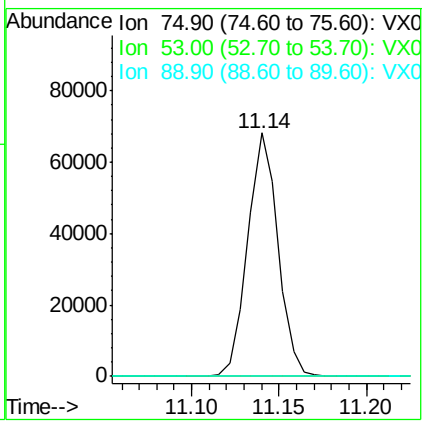


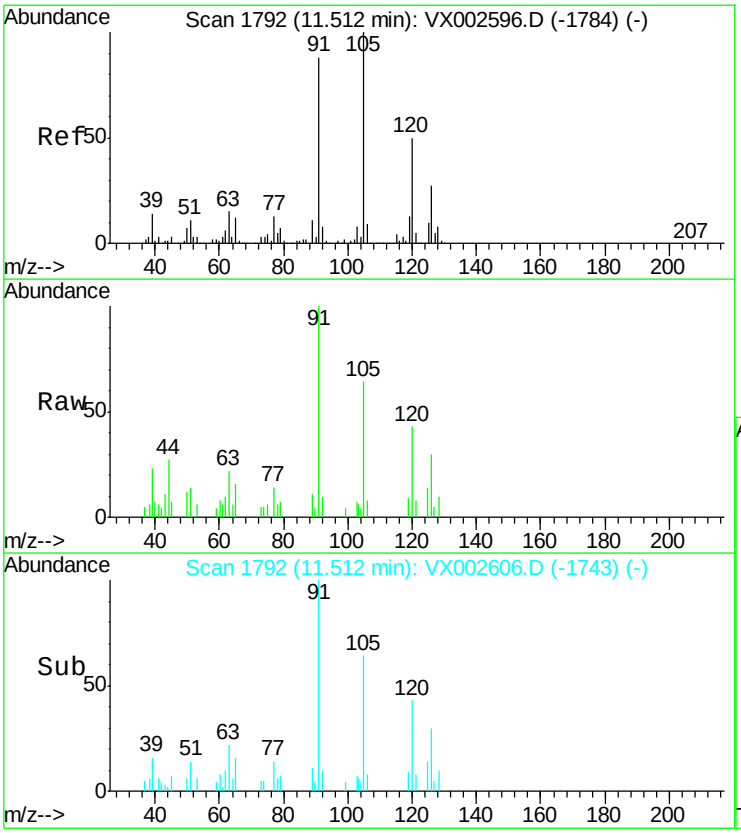
#81
trans-1,4-Dichloro-2-butene
Concen: 84.54 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002606.D
Acq: 15 Jun 2018 19:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 82224

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

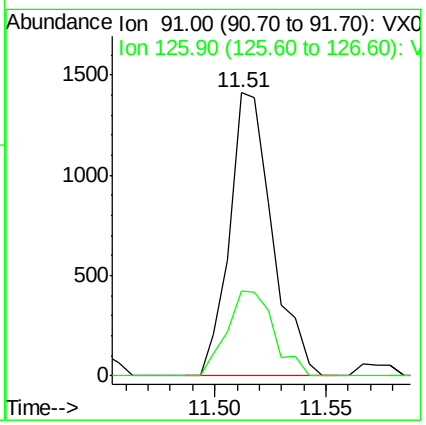


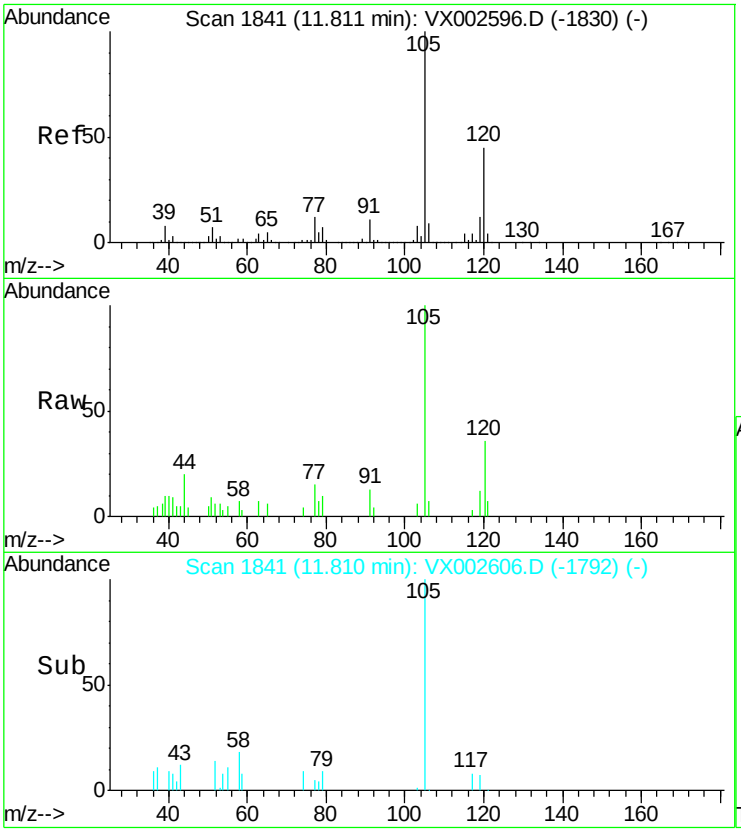


#82
4-Chlorotoluene
Concen: 0.22 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002606.D
Acq: 15 Jun 2018 19:43

Tgt Ion: 91 Resp: 1883

Ion	Ratio	Lower	Upper
91	100		
126	32.8	15.4	46.4



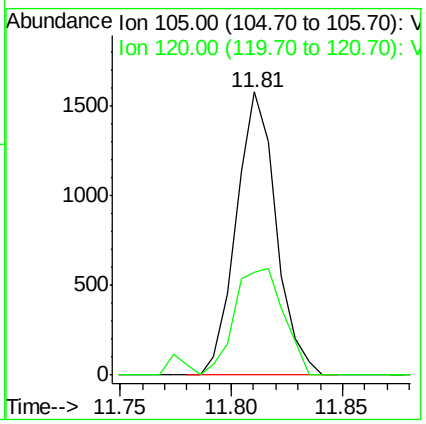


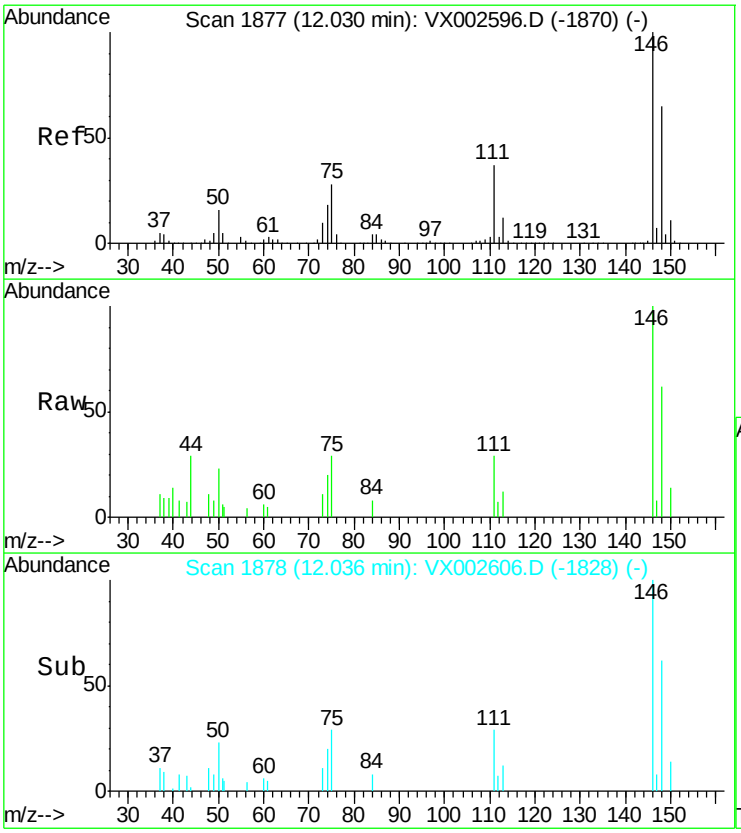
#84
1,2,4-Trimethylbenzene
Concen: 0.22 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002606.D
Acq: 15 Jun 2018 19:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 1978

Ion	Ratio	Lower	Upper
105	100		
120	46.4	22.3	66.8

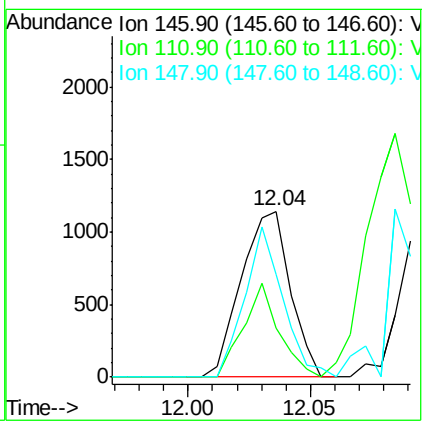


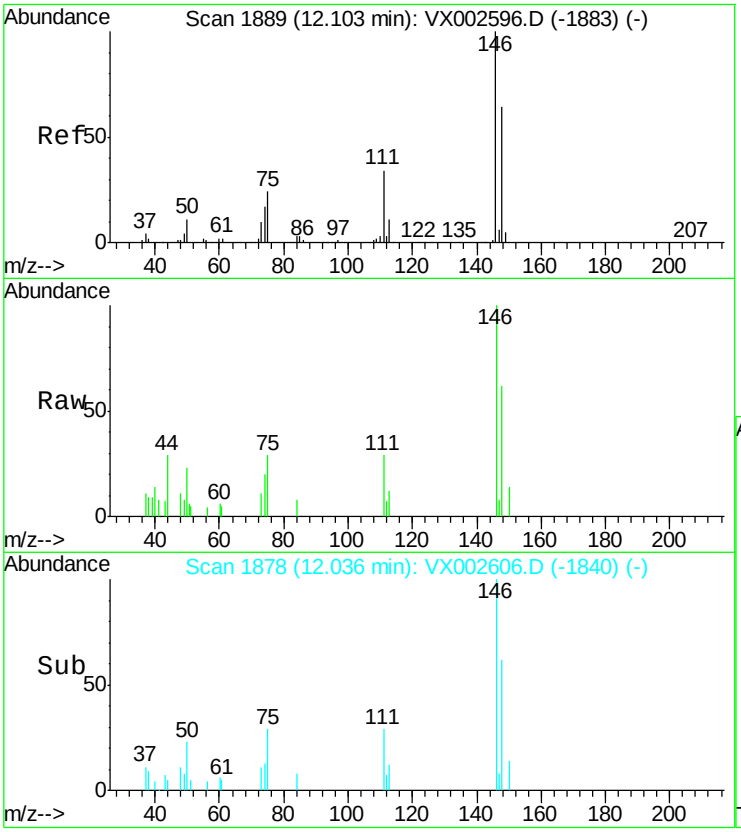


#87
1,3-Dichlorobenzene
Concen: 0.29 ug/l
RT: 12.04 min Scan# 1878
Delta R.T. 0.01 min
Lab File: VX002606.D
Acq: 15 Jun 2018 19:43

Tgt Ion:146 Resp: 1586

Ion	Ratio	Lower	Upper
146	100		
111	41.4	18.9	56.7
148	70.6	32.1	96.3



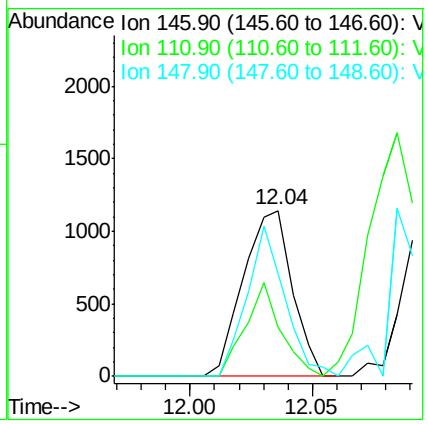


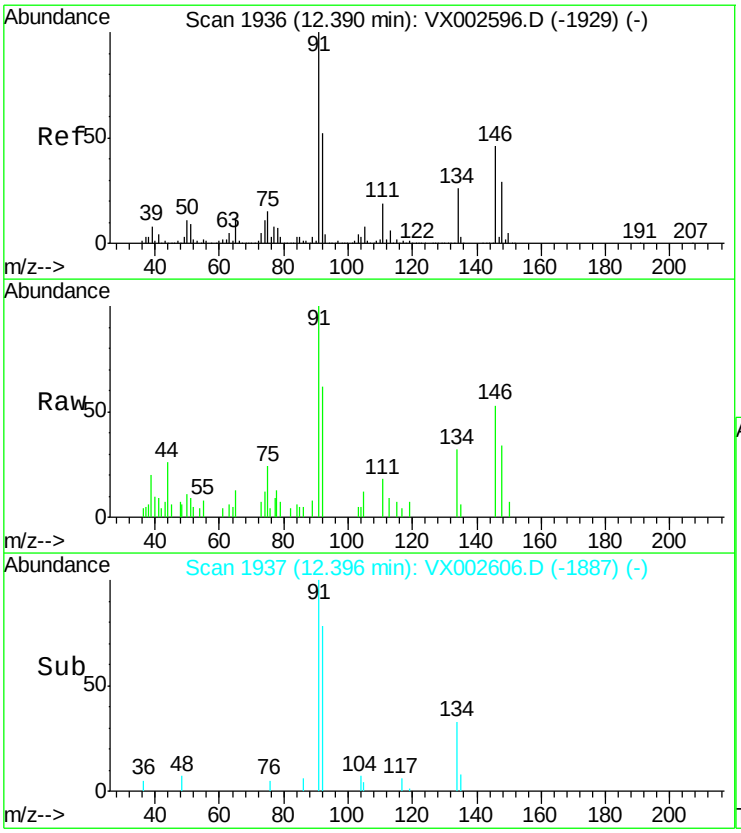
#88
1,4-Dichlorobenzene
Concen: 0.29 ug/l
RT: 12.04 min Scan# 1878
Delta R.T. -0.07 min
Lab File: VX002606.D
Acq: 15 Jun 2018 19:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 1586

Ion	Ratio	Lower	Upper
146	100		
111	41.4	18.7	56.1
148	70.6	32.4	97.0

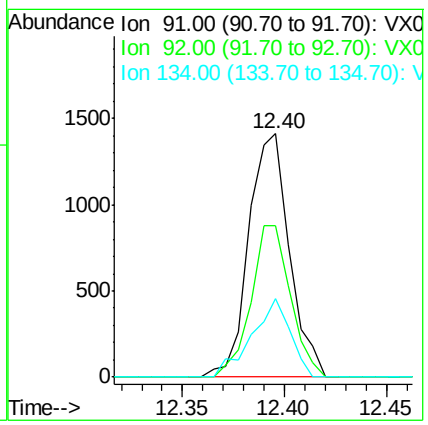


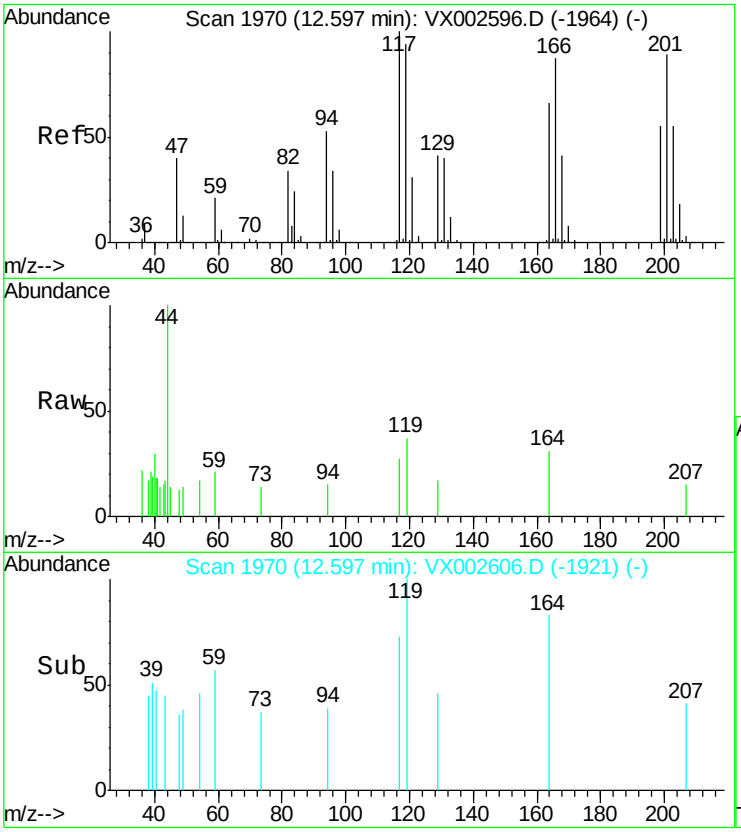


#89
n-Butylbenzene
Concen: 0.23 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.01 min
Lab File: VX002606.D
Acq: 15 Jun 2018 19:43

Tgt Ion: 91 Resp: 1958

Ion	Ratio	Lower	Upper
91	100		
92	60.6	26.0	78.0
134	30.5	13.5	40.5



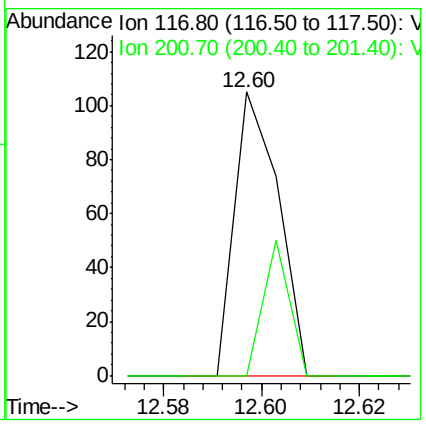


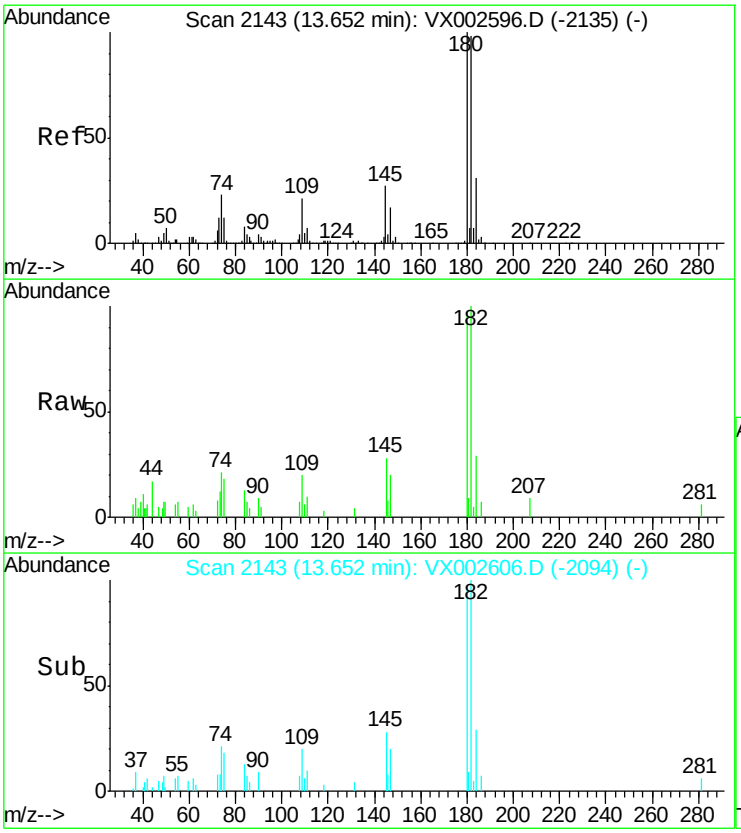
#90
Hexachloroethane
Concen: 2.67 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX002606.D
Acq: 15 Jun 2018 19:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 65

Ion	Ratio	Lower	Upper
117	100		
201	27.7	49.0	147.0#

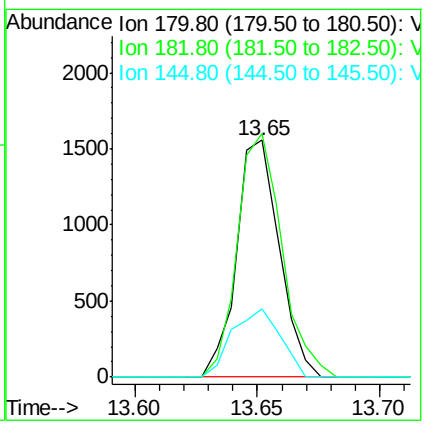


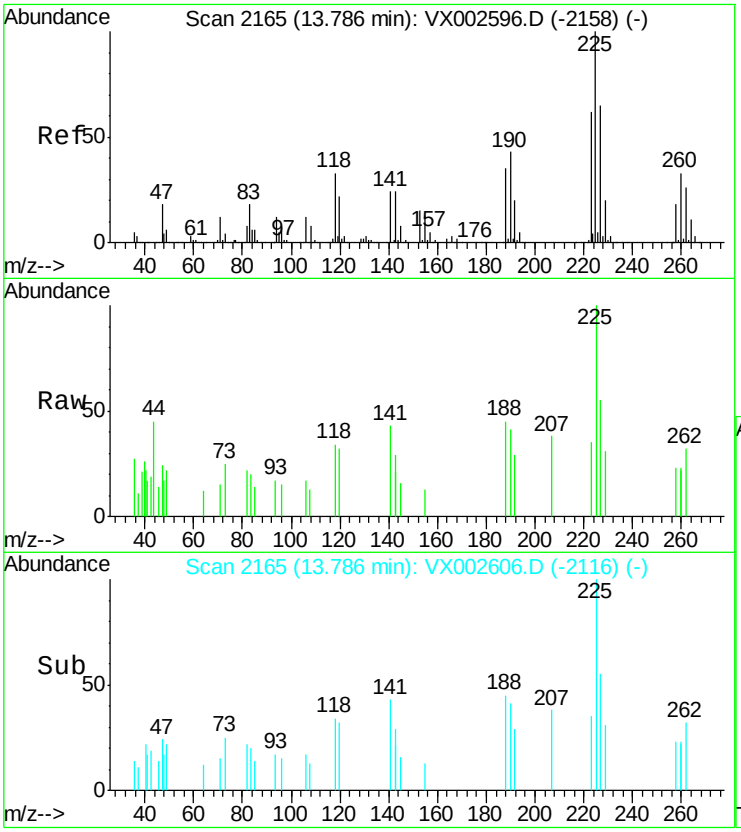


#93
1,2,4-Trichlorobenzene
Concen: 0.48 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. -0.00 min
Lab File: VX002606.D
Acq: 15 Jun 2018 19:43

Tgt Ion:180 Resp: 1892

Ion	Ratio	Lower	Upper
180	100		
182	107.0	47.7	143.1
145	32.6	14.1	42.4



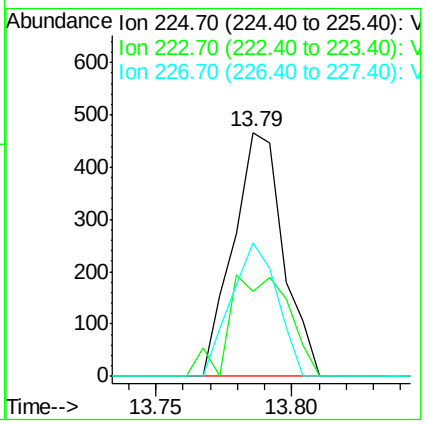


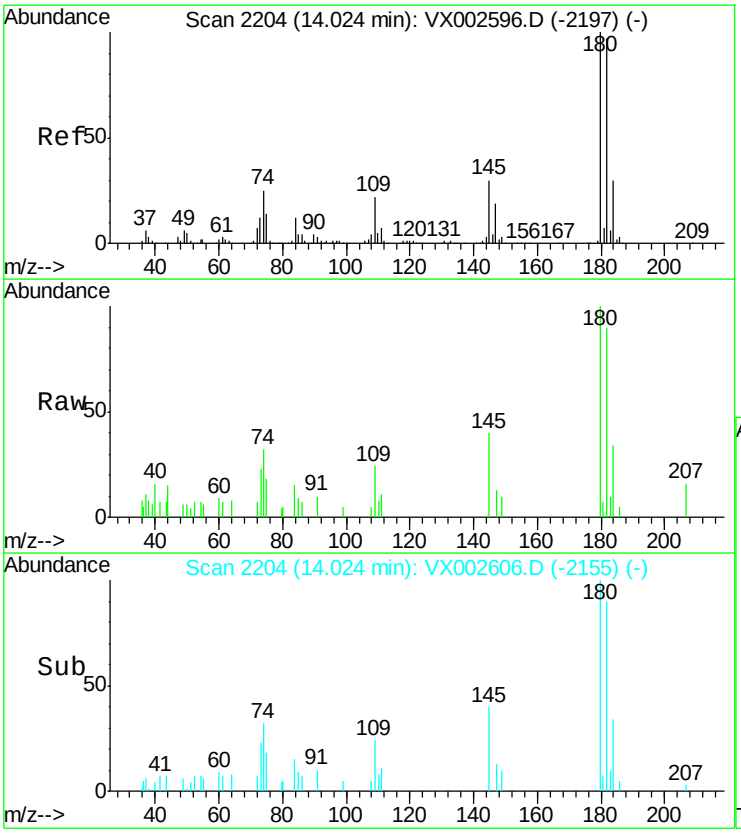
#94
Hexachlorobutadiene
Concen: 0.28 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. -0.00 min
Lab File: VX002606.D
Acq: 15 Jun 2018 19:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:225 Resp: 595

Ion	Ratio	Lower	Upper
225	100		
223	49.7	31.6	95.0
227	50.6	32.4	97.2





#96
1,2,3-Trichlorobenzene
Concen: 0.33 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002606.D
Acq: 15 Jun 2018 19:43

Tgt Ion:180 Resp: 1335

Ion	Ratio	Lower	Upper
180	100		
182	100.7	48.0	144.0
145	38.3	14.8	44.3