Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070618\
Data File : VX003224.D
Acq On : 06 Jul 2018 20:40
Operator : JC/MD
Sample : J3754-02DL 40X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jul 07 00:03:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	285516	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	396400	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	366767	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206892	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	179091	45.38	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.76%				
35) Dibromofluoromethane	5.51	113	151203	48.17	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.34%				
50) Toluene-d8	8.72	98	550875	48.06	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.12%				
62) 4-Bromofluorobenzene	11.14	95	193169	43.69	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.38%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	232	Below Cal			88
3) Chloromethane	1.33	50	1286	Below Cal		#	87
5) Bromomethane	1.65	94	2509	Below Cal			90
6) Chloroethane	1.74	64	331	Below Cal		#	83
10) Methyl Iodide	2.51	142	5189	7.65	ug/l		97
11) Tert butyl alcohol	3.08	59	670	0.85	ug/l	#	73
13) Acrolein	2.29	56	473	5.30	ug/l	#	50
15) Acrylonitrile	3.15	53	800	0.48	ug/l		92
16) Acetone	2.45	43	941	0.58	ug/l	#	63
17) Carbon Disulfide	2.57	76	2391	0.32	ug/l	#	94
20) Methylene Chloride	2.86	84	1275	0.40	ug/l	#	92
29) Tetrahydrofuran	5.18	42	1294	0.83	ug/l	#	69
31) Cyclohexane	5.57	56	1044	0.21	ug/l	#	80
36) 1,1-Dichloropropene	5.66	75	18024	4.15	ug/l	#	51
38) Carbon Tetrachloride	5.67	117	25429	5.33	ug/l	#	16
40) Benzene	6.15	78	497801	39.41	ug/l		99
42) 1,2-Dichloroethane	6.15	62	4950	0.97	ug/l	#	77
59) 2-Hexanone	9.52	43	927	0.25	ug/l		96
67) Ethyl Benzene	10.26	91	7766	0.50	ug/l		97
68) m/p-Xylenes	10.37	106	4348	0.73	ug/l		99
73) Isopropylbenzene	11.02	105	3391	0.24	ug/l		94
76) 1,2,3-Trichloropropane	11.14	75	96518	25.75	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	96518	73.06	ug/l	#	7
84) 1,2,4-Trimethylbenzene	11.81	105	3625	0.30	ug/l		95
93) 1,2,4-Trichlorobenzene	13.65	180	1129	0.21	ug/l		95

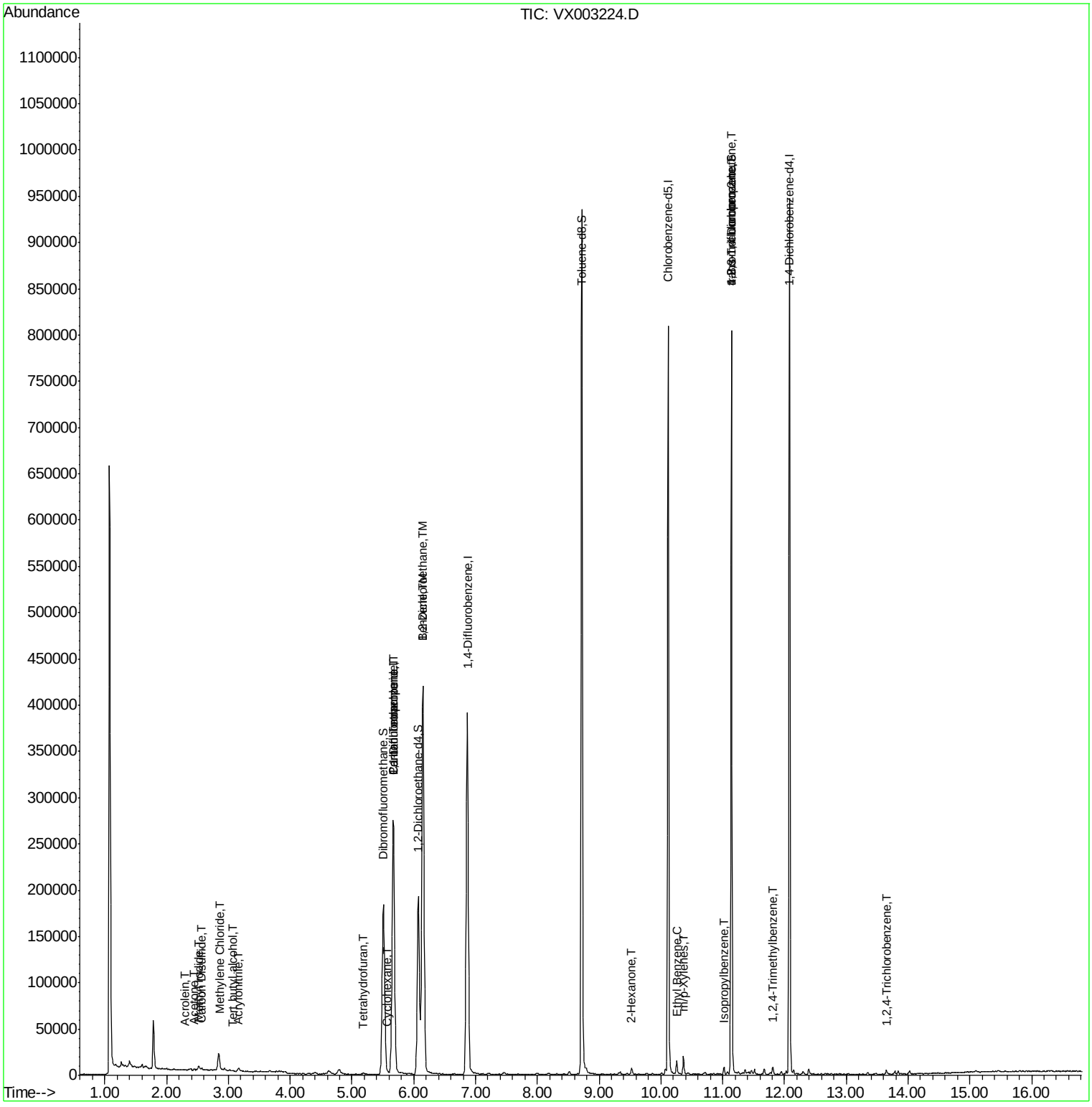
(#) = qualifier out of range (m) = manual integration (+) = signals summed

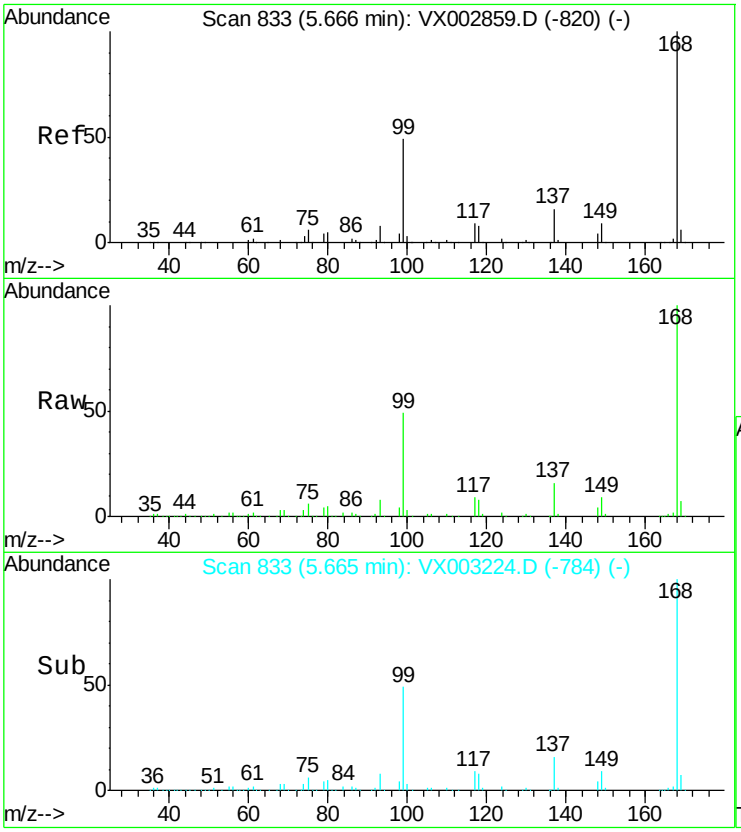
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070618\
Data File : VX003224.D
Acq On : 06 Jul 2018 20:40
Operator : JC/MD
Sample : J3754-02DL 40X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 07 00:03:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration



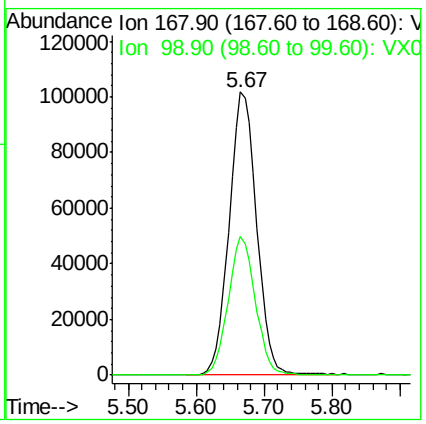


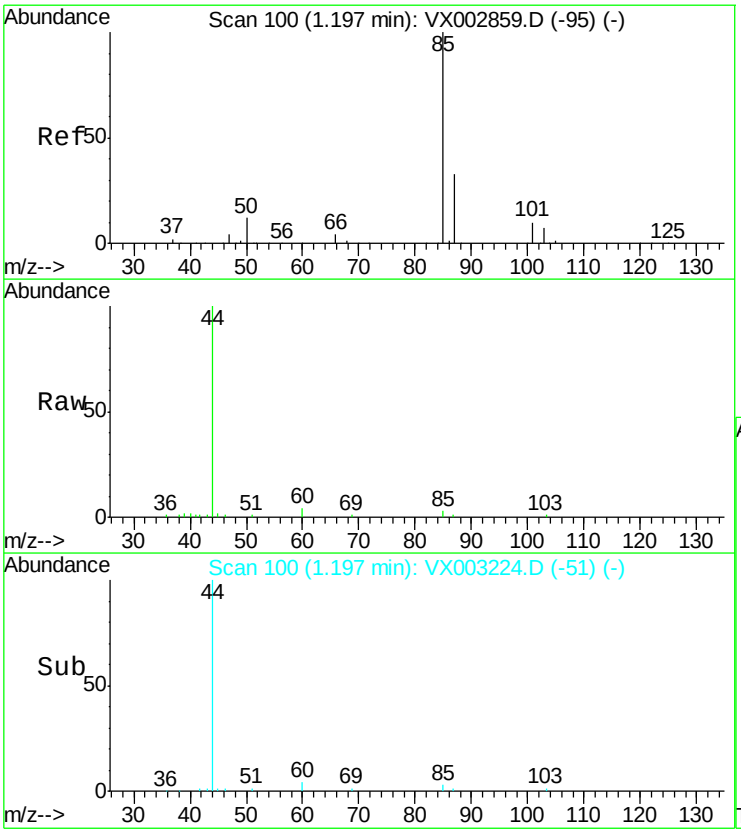
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX003224.D
Acq: 06 Jul 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 285516

Ion	Ratio	Lower	Upper
168	100		
99	49.0	39.3	58.9

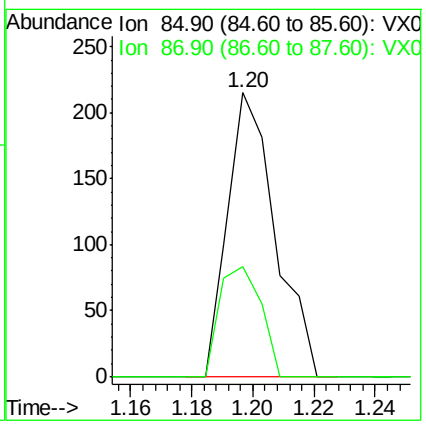


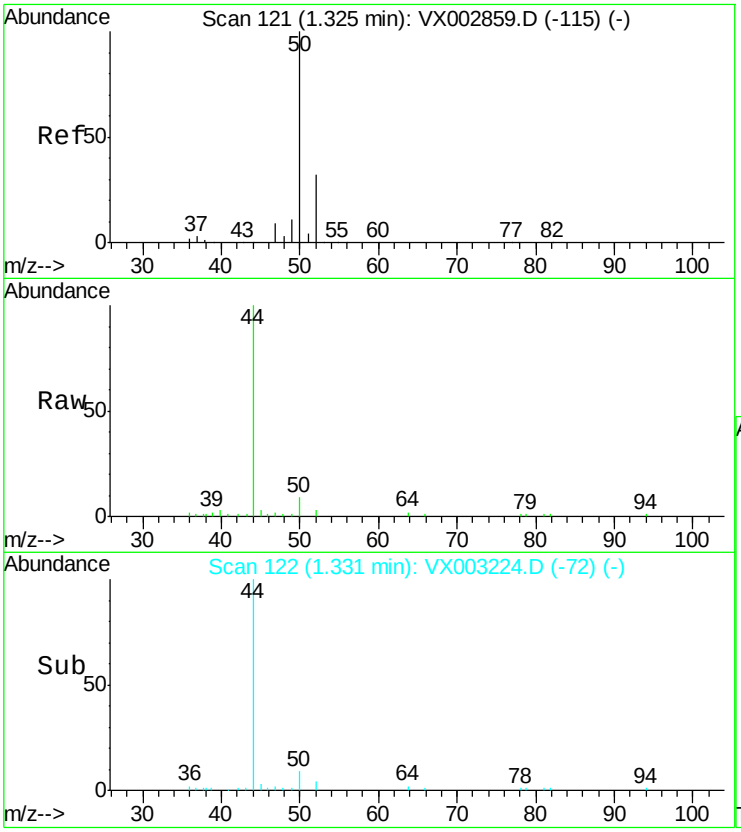


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX003224.D
Acq: 06 Jul 2018 20:40

Tgt Ion: 85 Resp: 232

Ion	Ratio	Lower	Upper
85	100		
87	38.6	16.0	47.9



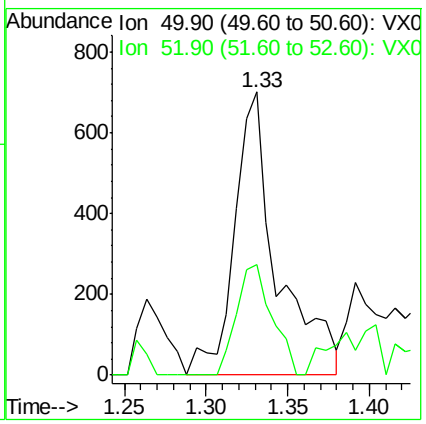


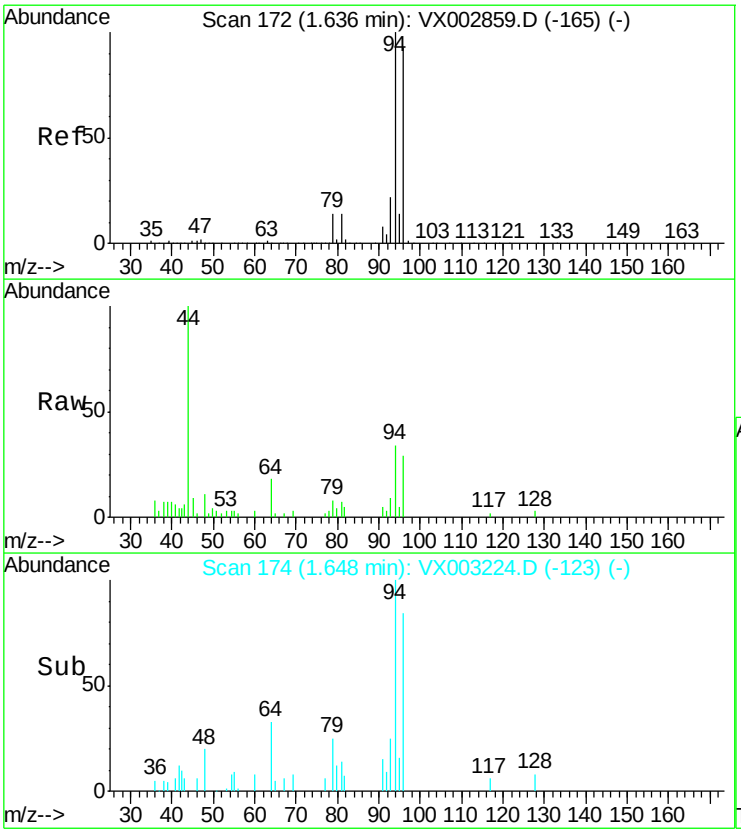
#3
Chloromethane
Concen: Below Cal
RT: 1.33 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX003224.D
Acq: 06 Jul 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 1286

Ion	Ratio	Lower	Upper
50	100		
52	39.1	25.7	38.5#

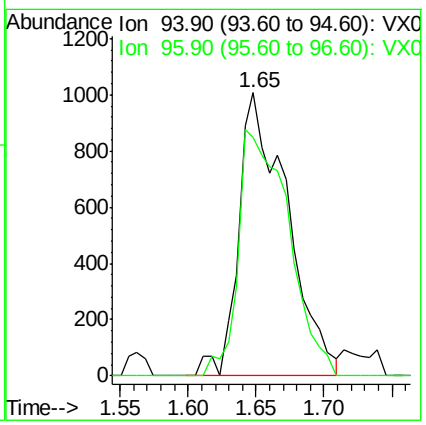


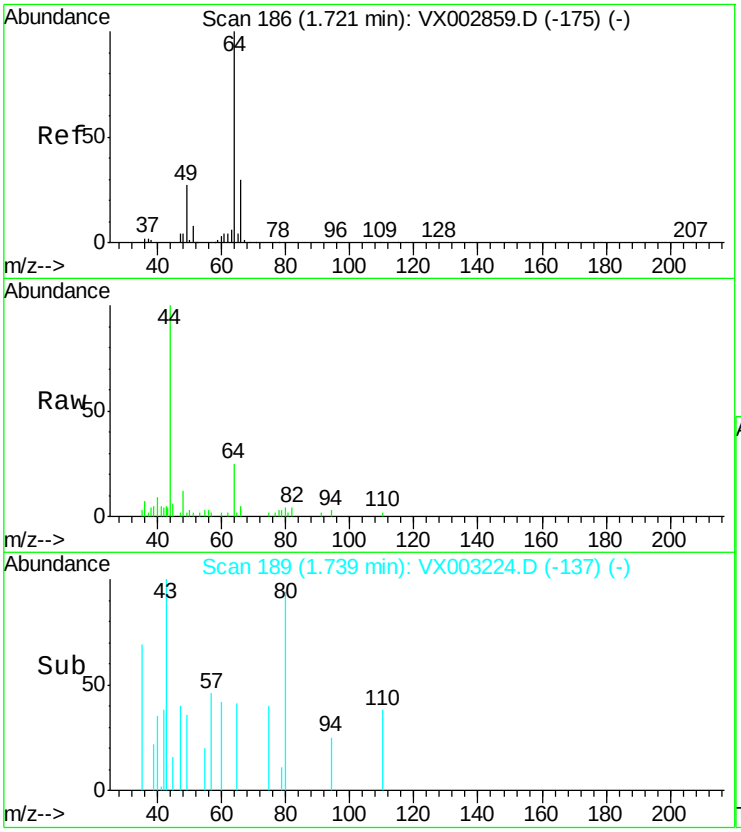


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX003224.D
Acq: 06 Jul 2018 20:40

Tgt Ion: 94 Resp: 2509

Ion	Ratio	Lower	Upper
94	100		
96	84.3	74.9	112.3



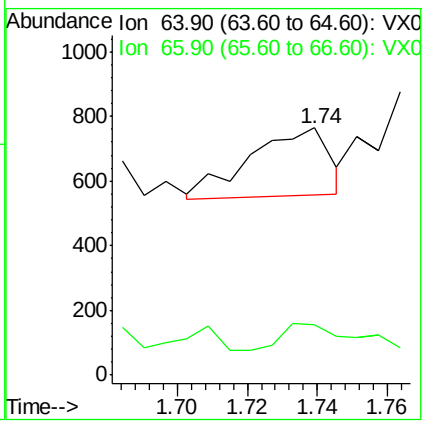


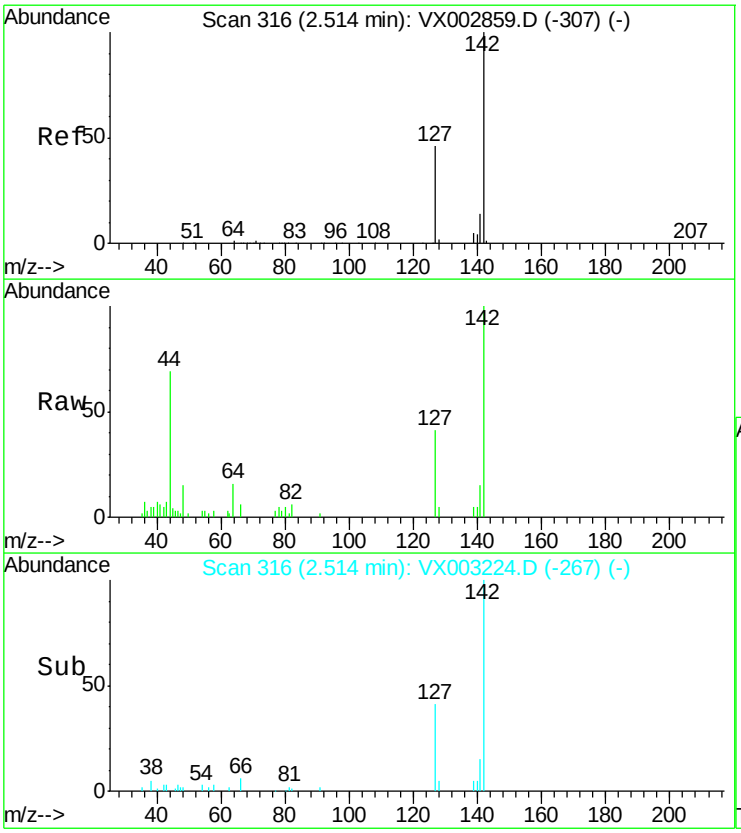
#6
Chloroethane
Concen: Below Cal
RT: 1.74 min Scan# 189
Delta R.T. 0.02 min
Lab File: VX003224.D
Acq: 06 Jul 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 331

Ion	Ratio	Lower	Upper
64	100		
66	22.7	25.5	38.3#

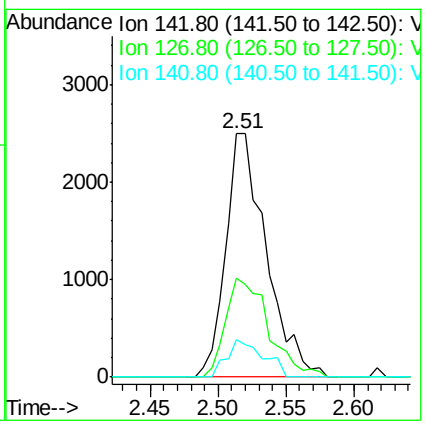


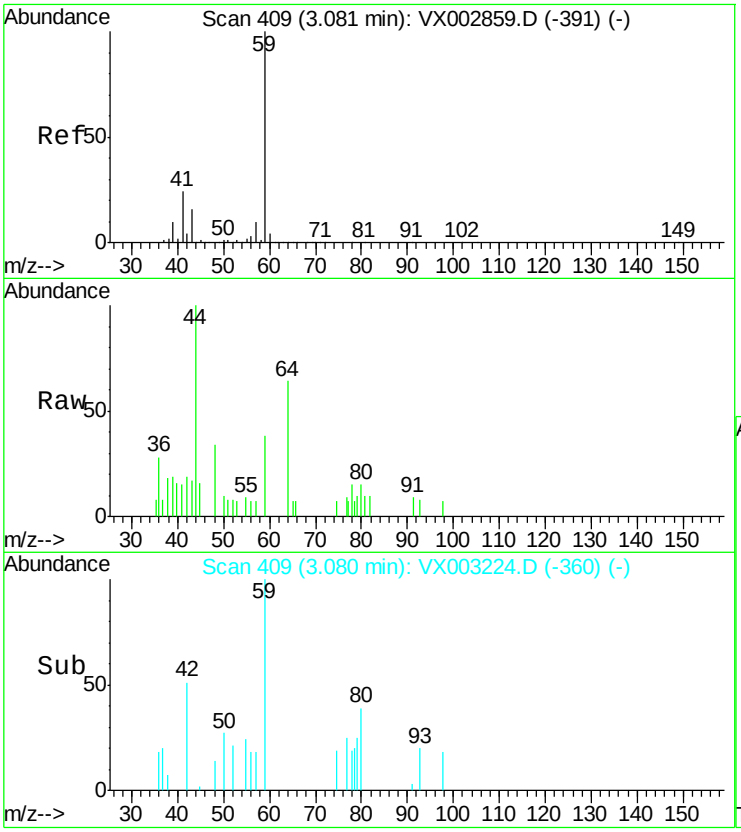


#10
Methyl Iodide
Concen: 7.65 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX003224.D
Acq: 06 Jul 2018 20:40

Tgt Ion:142 Resp: 5189

Ion	Ratio	Lower	Upper
142	100		
127	43.2	36.6	55.0
141	13.8	11.3	16.9



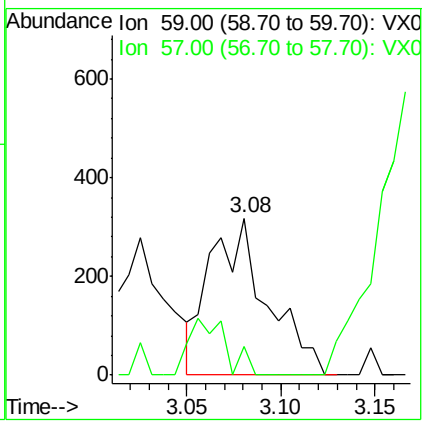


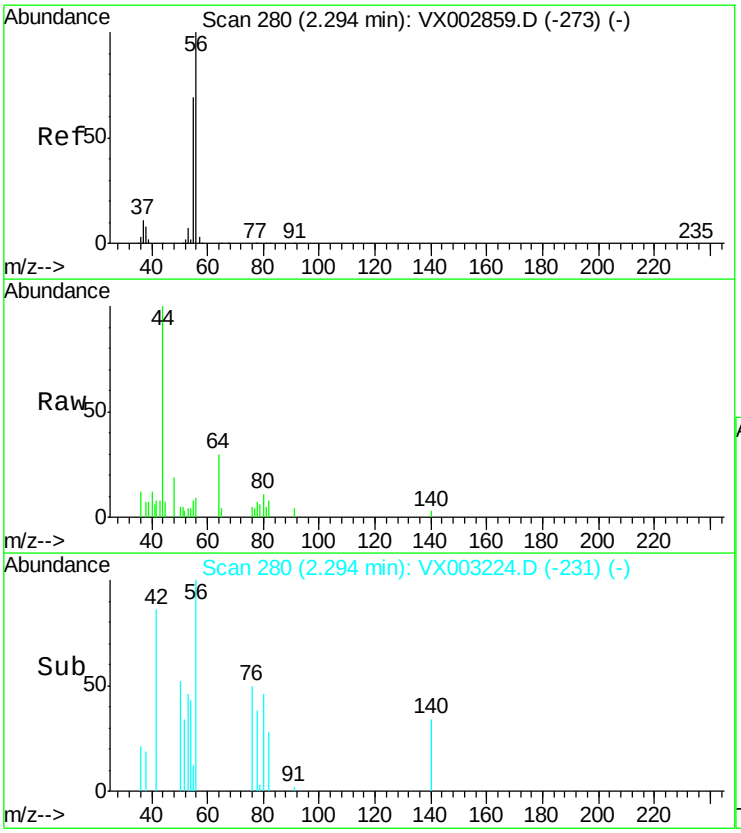
#11
Tert butyl alcohol
Concen: 0.85 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX003224.D
Acq: 06 Jul 2018 20:40

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 670

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

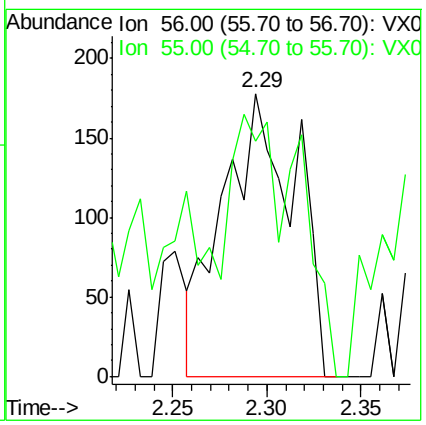


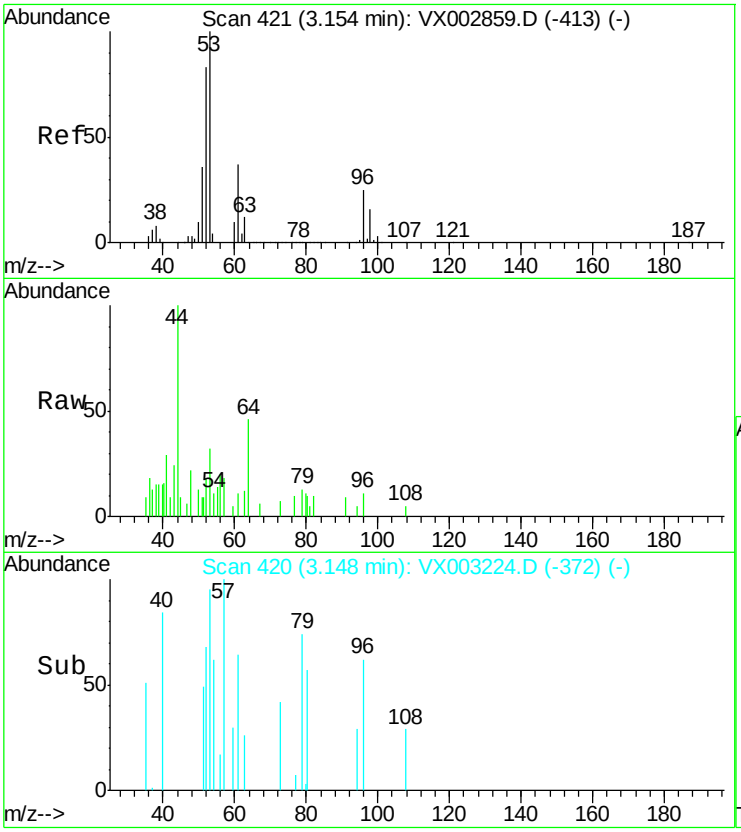


#13
Acrolein
Concen: 5.30 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX003224.D
Acq: 06 Jul 2018 20:40

Tgt Ion: 56 Resp: 473

Ion	Ratio	Lower	Upper
56	100		
55	30.0	57.0	85.4#



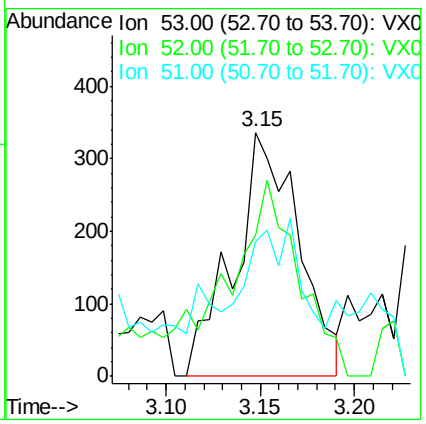


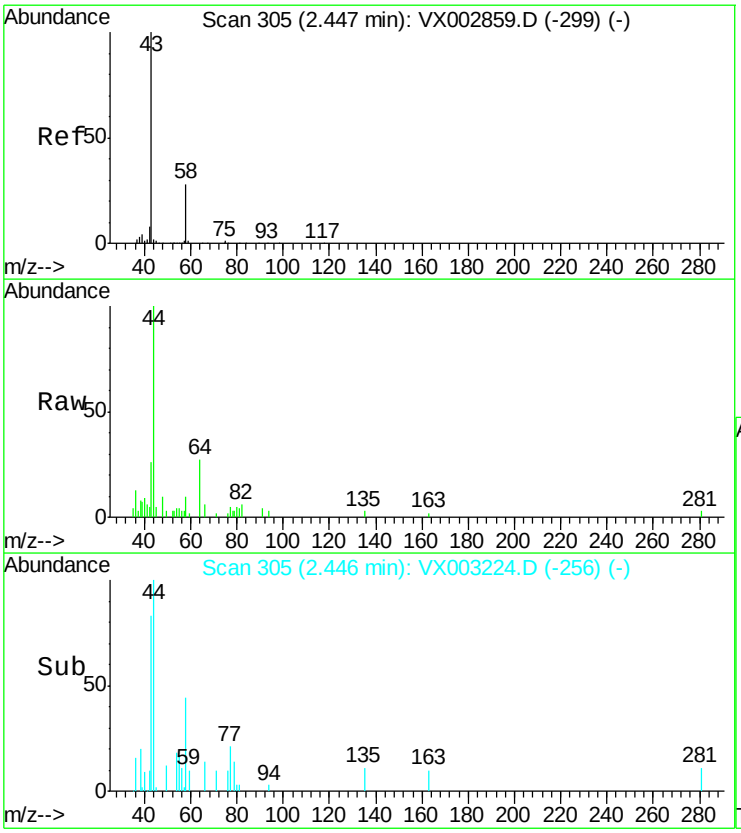
#15
Acrylonitrile
Concen: 0.48 ug/l
RT: 3.15 min Scan# 420
Delta R.T. -0.01 min
Lab File: VX003224.D
Acq: 06 Jul 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 800

Ion	Ratio	Lower	Upper
53	100		
52	88.9	66.7	100.1
51	30.1	29.9	44.9

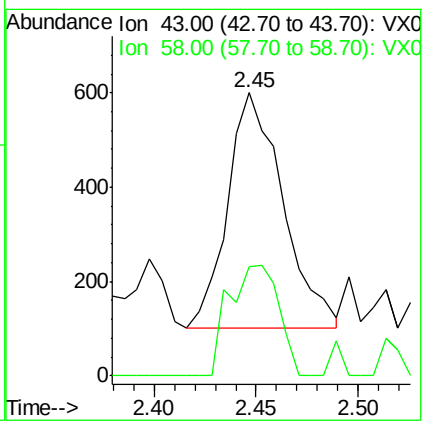


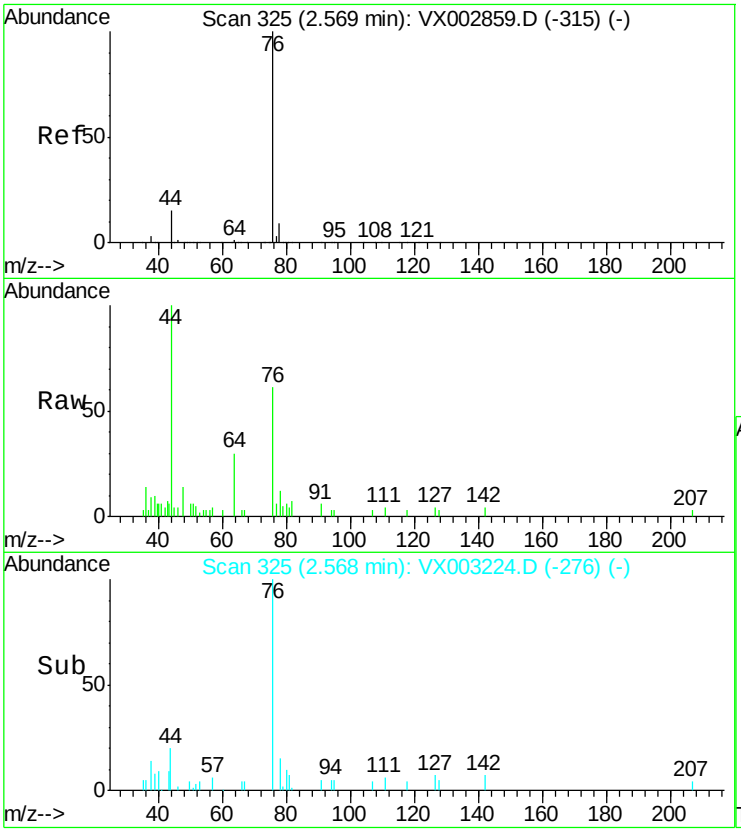


#16
Acetone
Concen: 0.58 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.00 min
Lab File: VX003224.D
Acq: 06 Jul 2018 20:40

Tgt Ion: 43 Resp: 941

Ion	Ratio	Lower	Upper
43	100		
58	46.7	22.1	33.1#



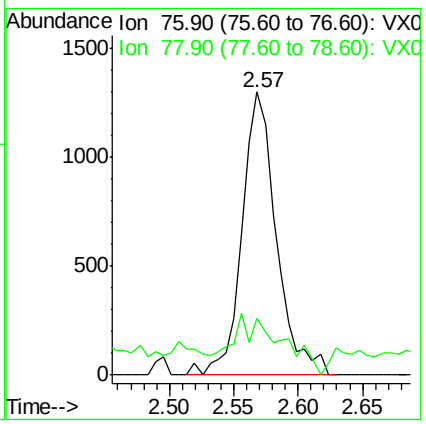


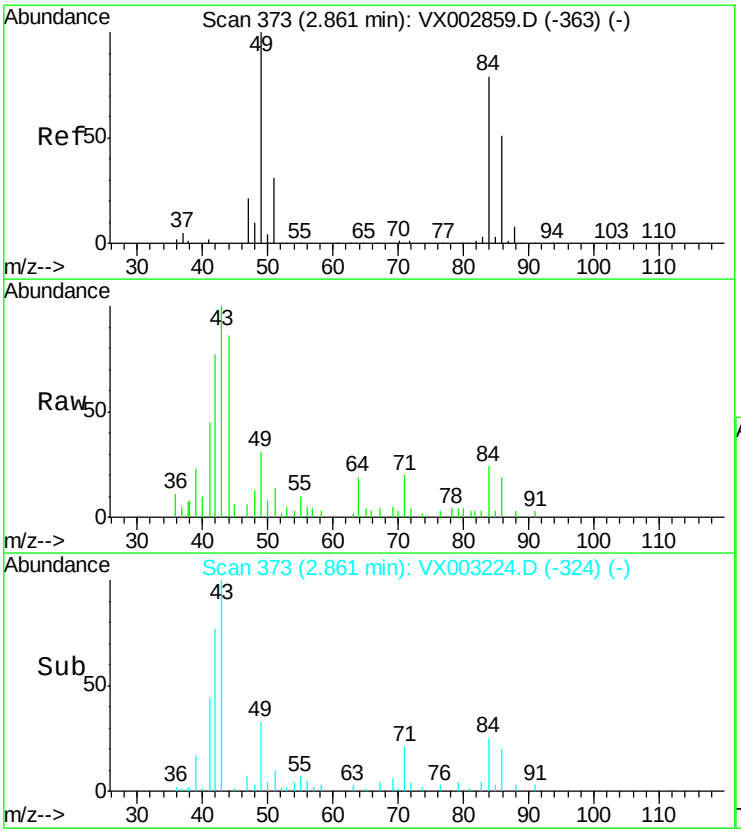
#17
Carbon Disulfide
Concen: 0.32 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003224.D
Acq: 06 Jul 2018 20:40

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 2391

Ion	Ratio	Lower	Upper
76	100		
78	10.9	6.9	10.3#

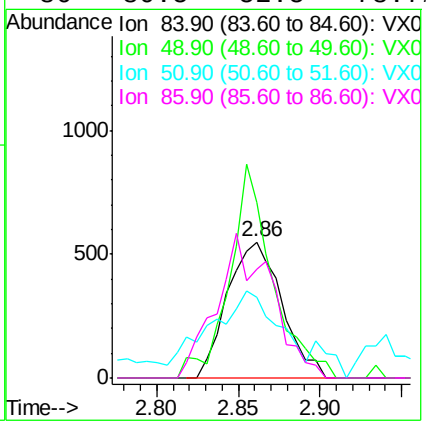


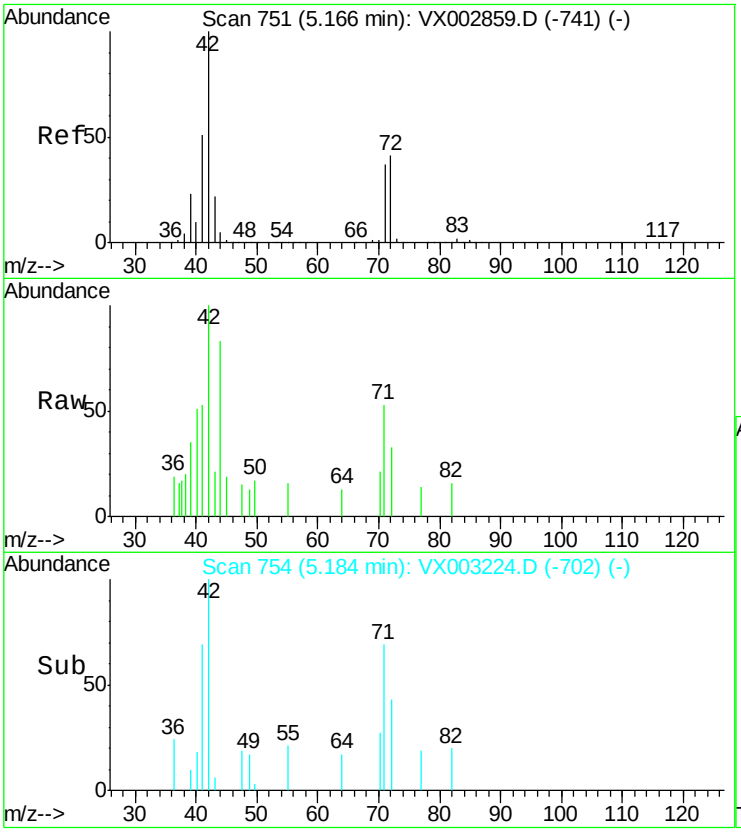


#20
Methylene Chloride
Concen: 0.40 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX003224.D
Acq: 06 Jul 2018 20:40

Tgt Ion: 84 Resp: 1275

Ion	Ratio	Lower	Upper
84	100		
49	129.3	107.8	161.6
51	41.9	32.8	49.2
86	80.5	52.5	78.7#



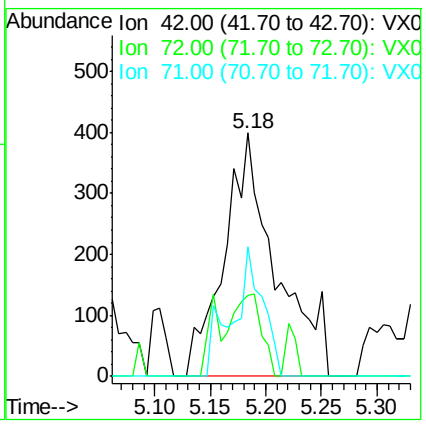


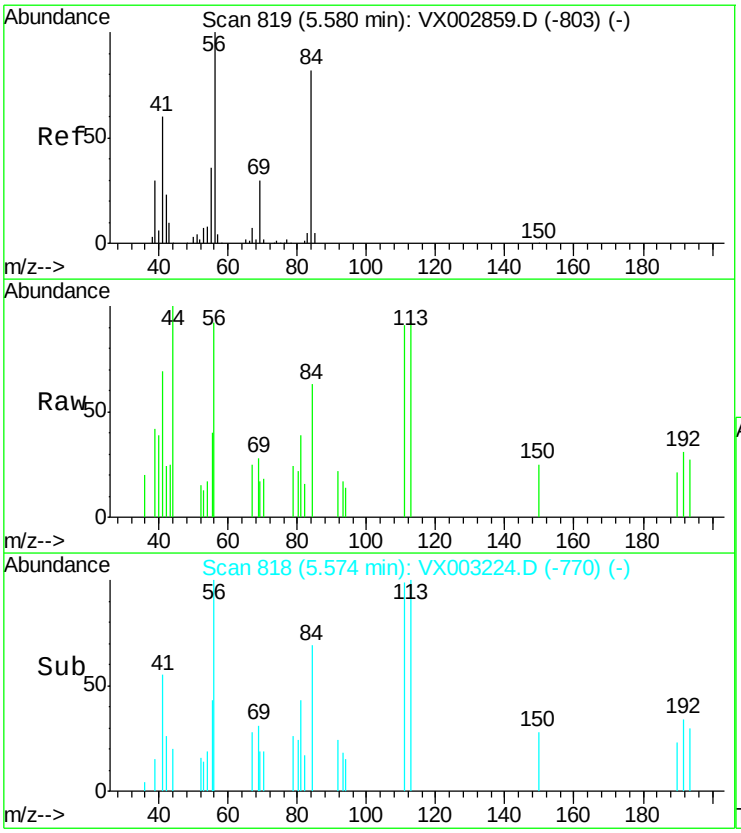
#29
Tetrahydrofuran
Concen: 0.83 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.02 min
Lab File: VX003224.D
Acq: 06 Jul 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 1294

Ion	Ratio	Lower	Upper
42	100		
72	17.2	32.0	48.0#
71	23.3	30.1	45.1#

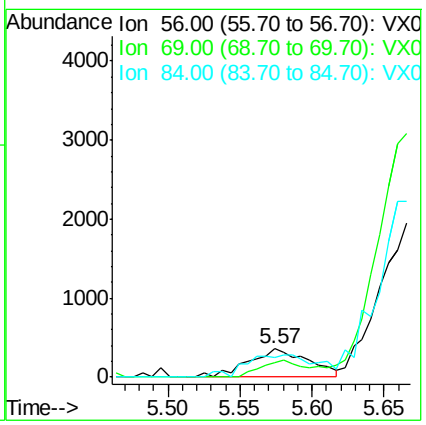


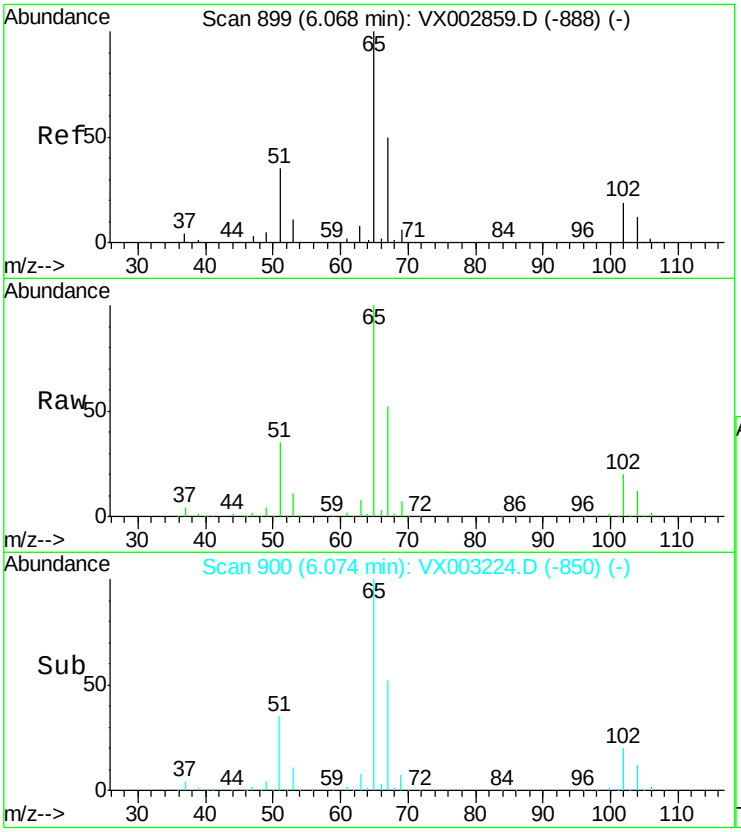


#31
Cyclohexane
Concen: 0.21 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX003224.D
Acq: 06 Jul 2018 20:40

Tgt Ion: 56 Resp: 1044

Ion	Ratio	Lower	Upper
56	100		
69	49.9	23.7	35.5#
84	68.7	64.1	96.1



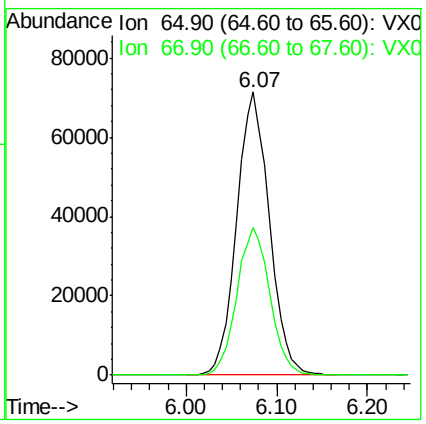


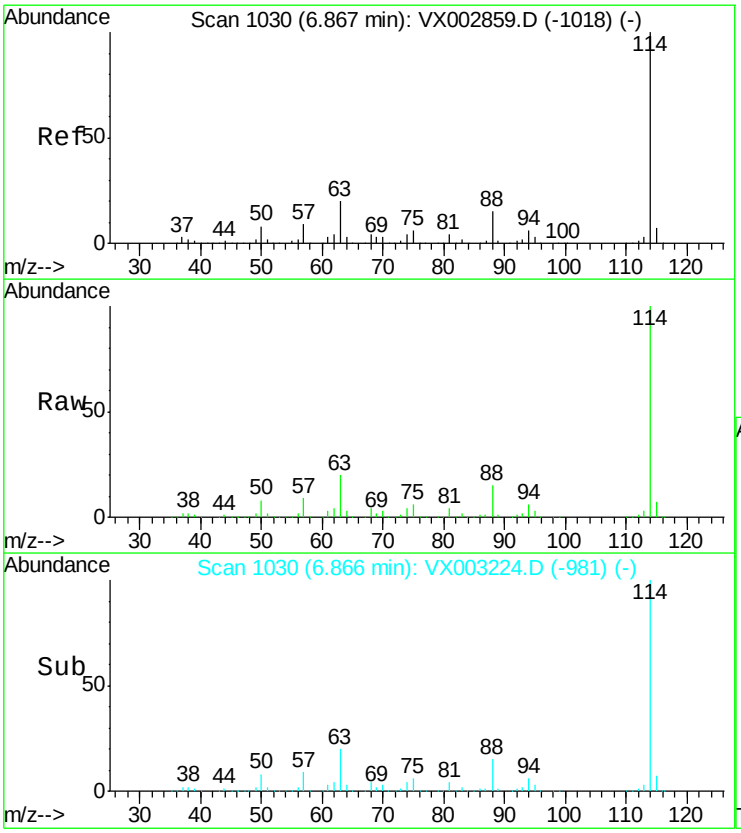
#33
1,2-Dichloroethane-d4
Concen: 45.38 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX003224.D
Acq: 06 Jul 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 179091

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	102.6

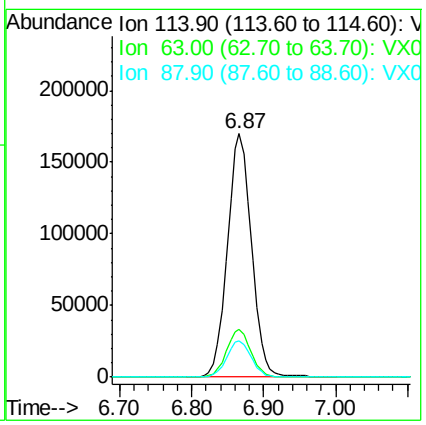


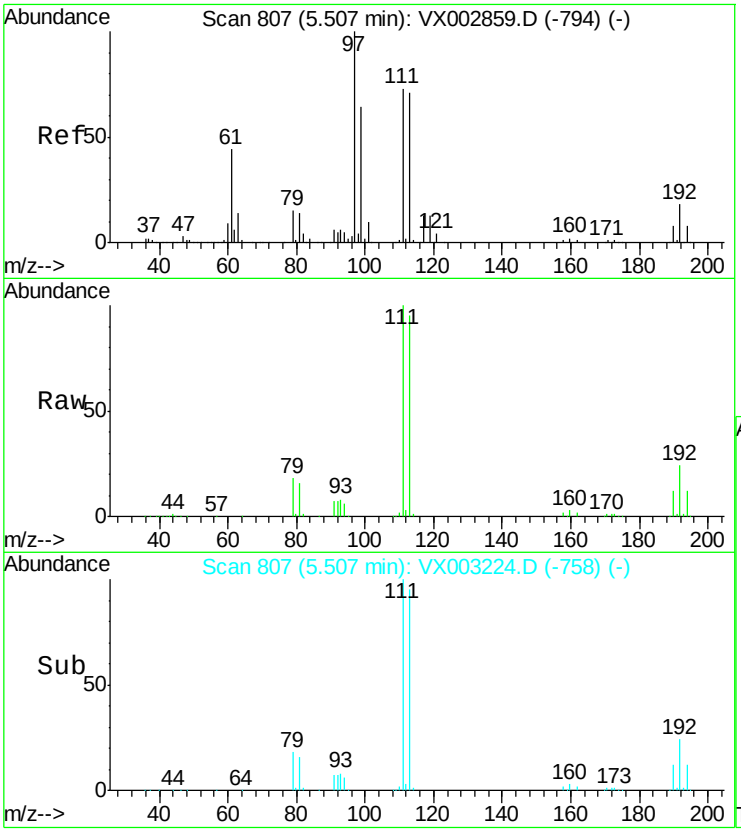


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX003224.D
Acq: 06 Jul 2018 20:40

Tgt Ion:114 Resp: 396400

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	41.4
88	15.1	0.0	30.0



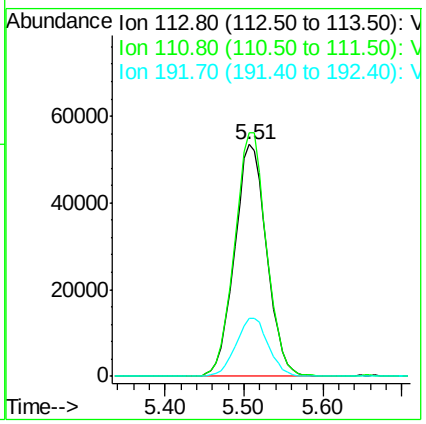


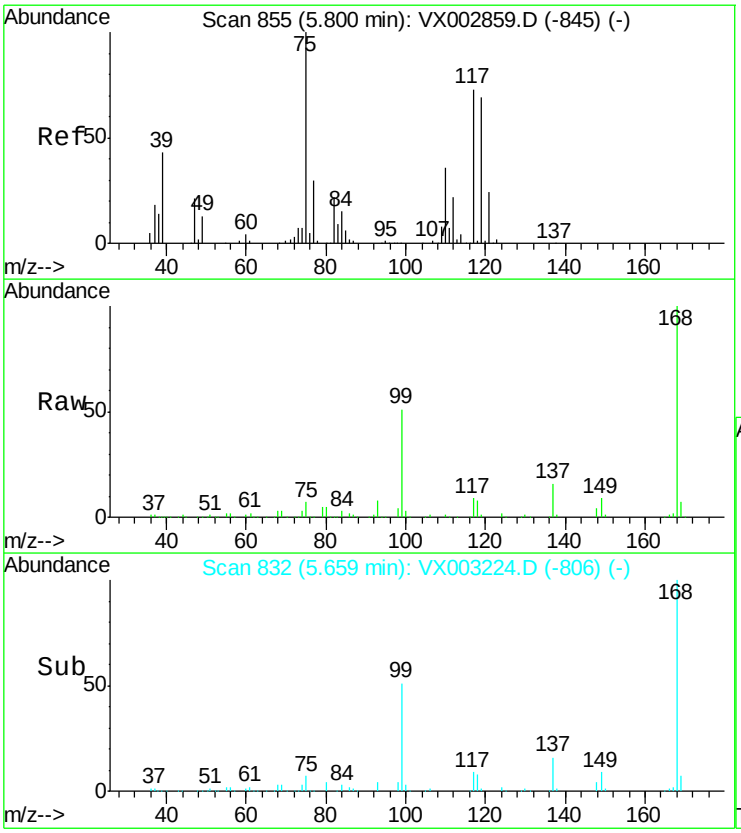
#35
Dibromofluoromethane
Concen: 48.17 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX003224.D
Acq: 06 Jul 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 151203

Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.4	122.0
192	25.4	19.1	28.7

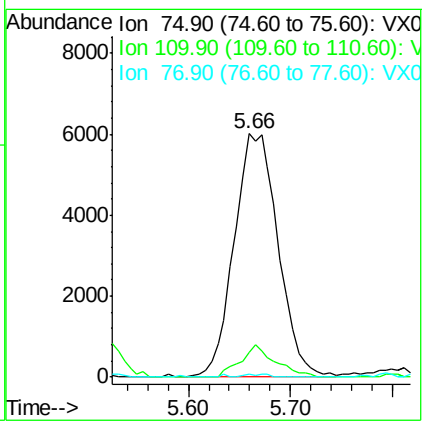


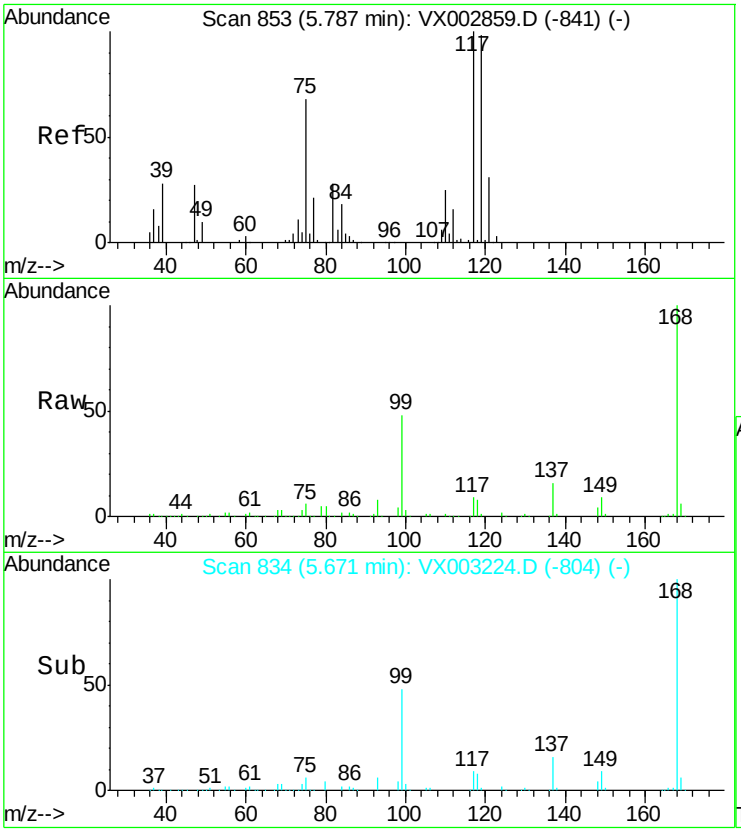


#36
1,1-Dichloropropene
Concen: 4.15 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.14 min
Lab File: VX003224.D
Acq: 06 Jul 2018 20:40

Tgt Ion: 75 Resp: 18024

Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.1	54.4#
77	0.6	24.3	36.5#



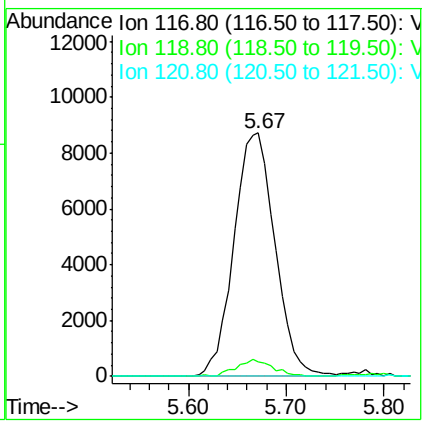


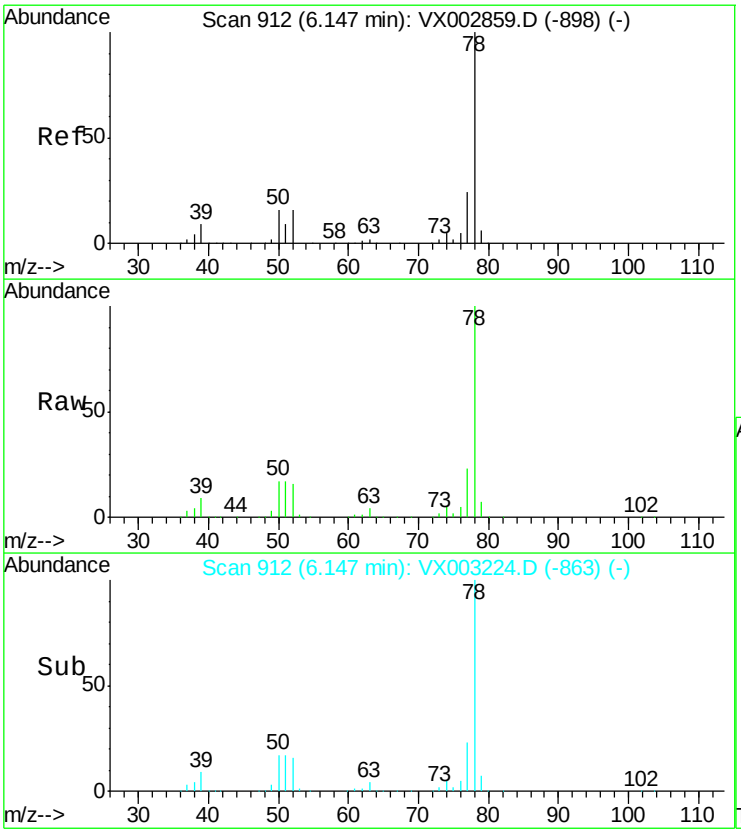
#38
Carbon Tetrachloride
Concen: 5.33 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX003224.D
Acq: 06 Jul 2018 20:40

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 25429

Ion	Ratio	Lower	Upper
117	100		
119	6.0	77.4	116.0#
121	0.0	24.4	36.6#

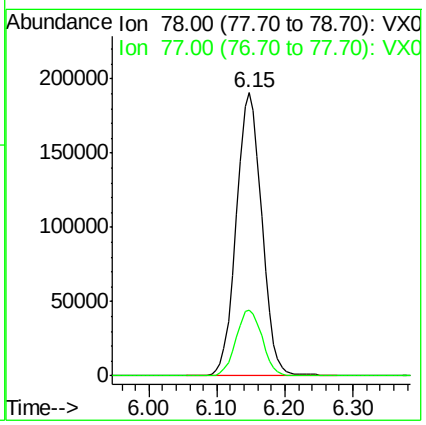


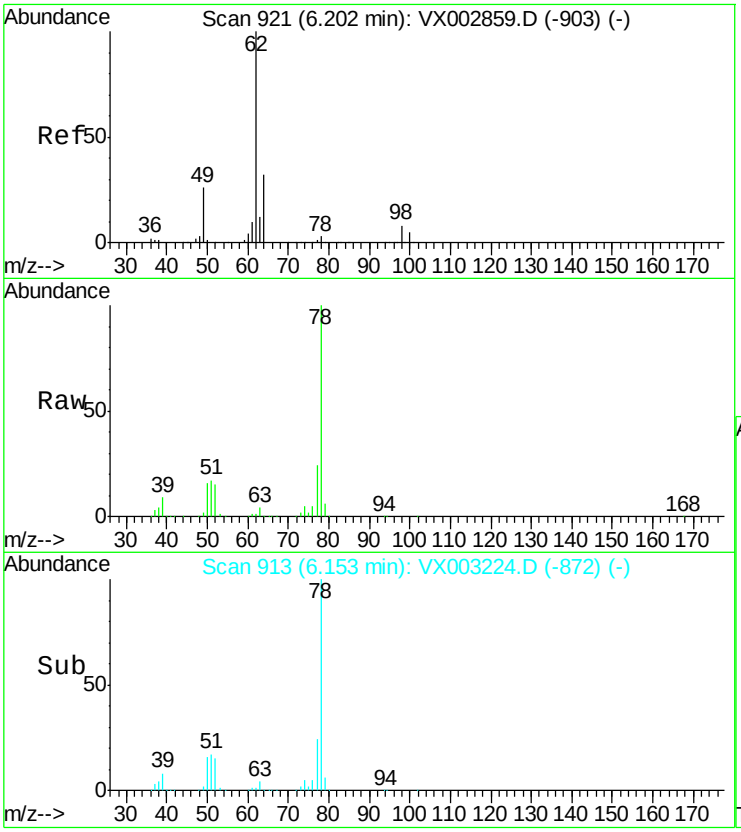


#40
Benzene
Concen: 39.41 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003224.D
Acq: 06 Jul 2018 20:40

Tgt Ion: 78 Resp: 497801

Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.1	28.7



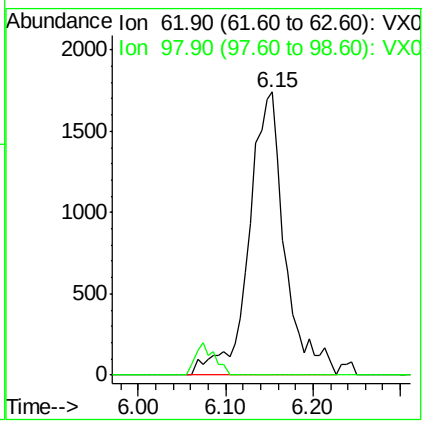


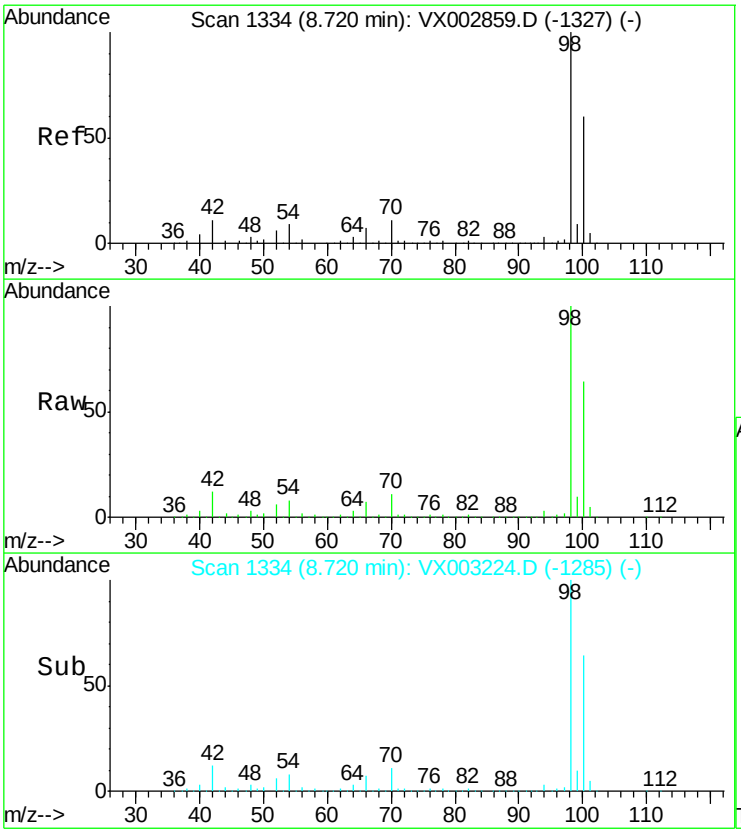
#42
1,2-Dichloroethane
Concen: 0.97 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.05 min
Lab File: VX003224.D
Acq: 06 Jul 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 62 Resp: 4950

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	16.6

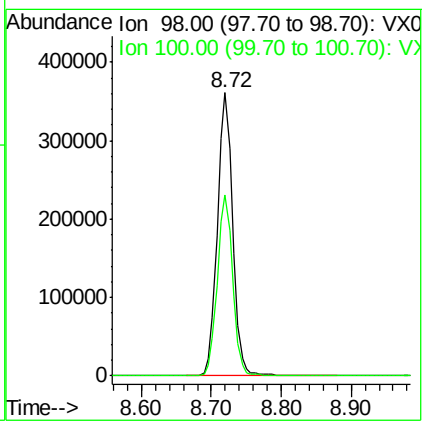


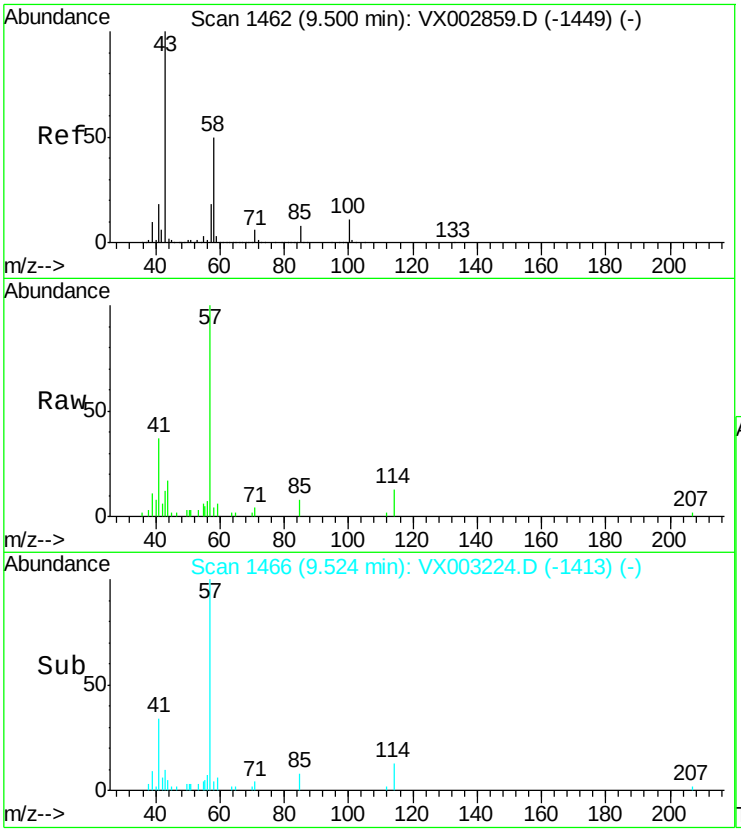


#50
Toluene-d8
Concen: 48.06 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003224.D
Acq: 06 Jul 2018 20:40

Tgt Ion: 98 Resp: 550875

Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.9	76.3



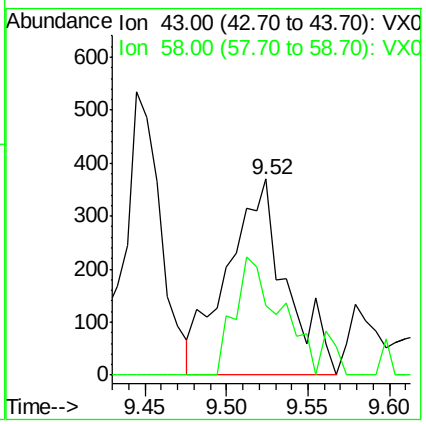


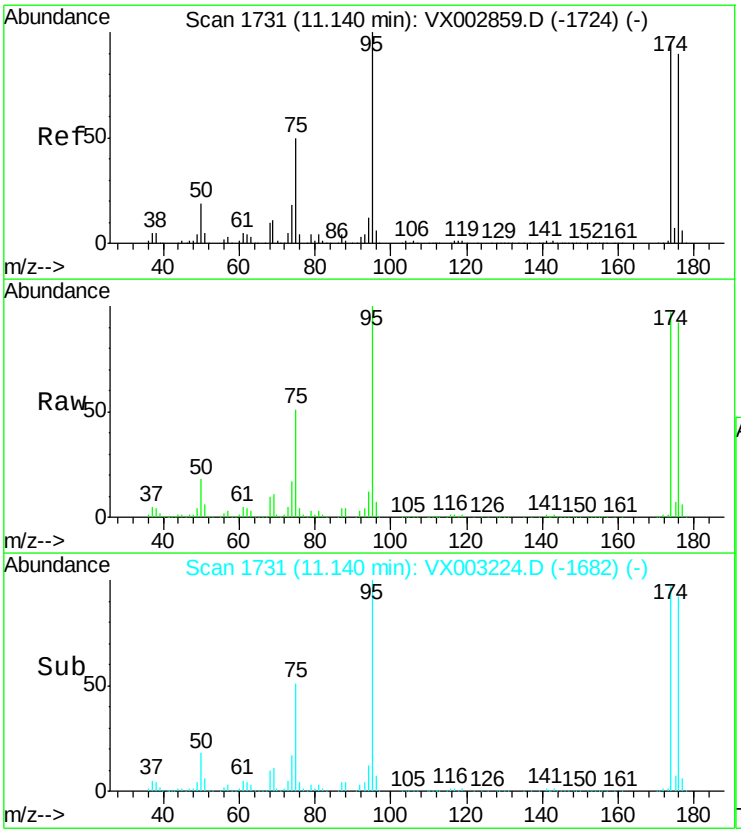
#59
2-Hexanone
Concen: 0.25 ug/l
RT: 9.52 min Scan# 1466
Delta R.T. 0.02 min
Lab File: VX003224.D
Acq: 06 Jul 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 927

Ion	Ratio	Lower	Upper
43	100		
58	46.3	24.6	73.6

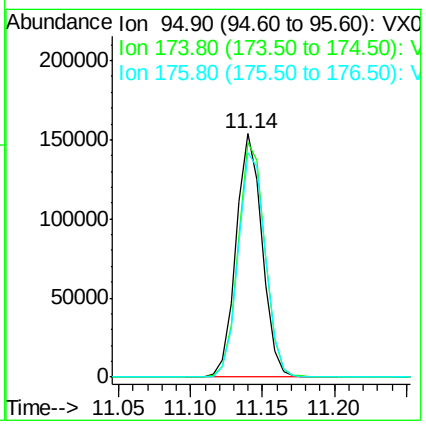


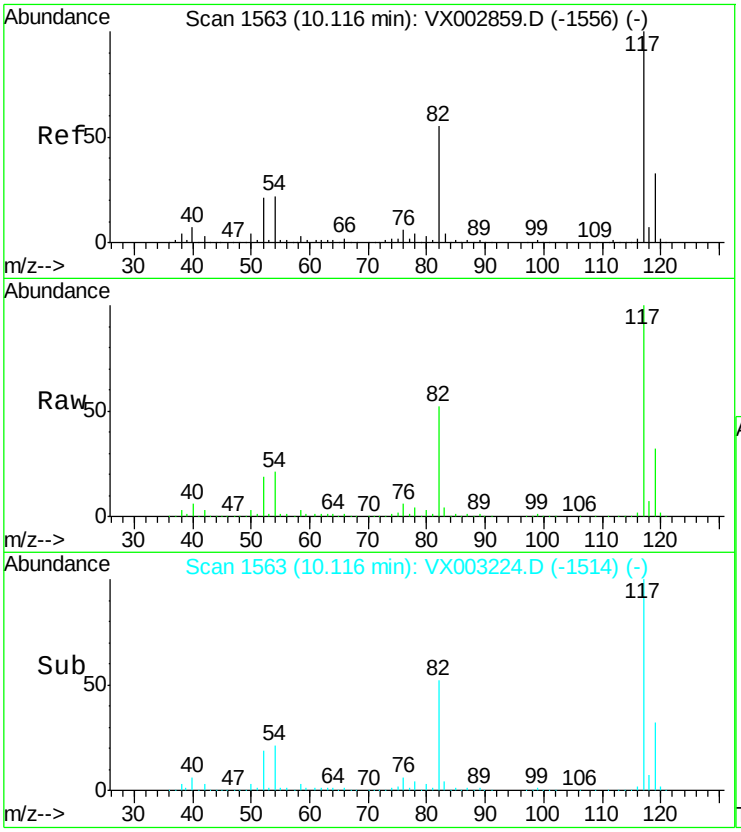


#62
4-Bromofluorobenzene
Concen: 43.69 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003224.D
Acq: 06 Jul 2018 20:40

Tgt Ion: 95 Resp: 193169

Ion	Ratio	Lower	Upper
95	100		
174	99.0	0.0	187.4
176	95.8	0.0	181.0



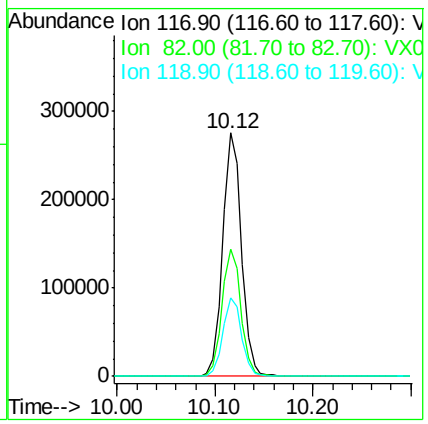


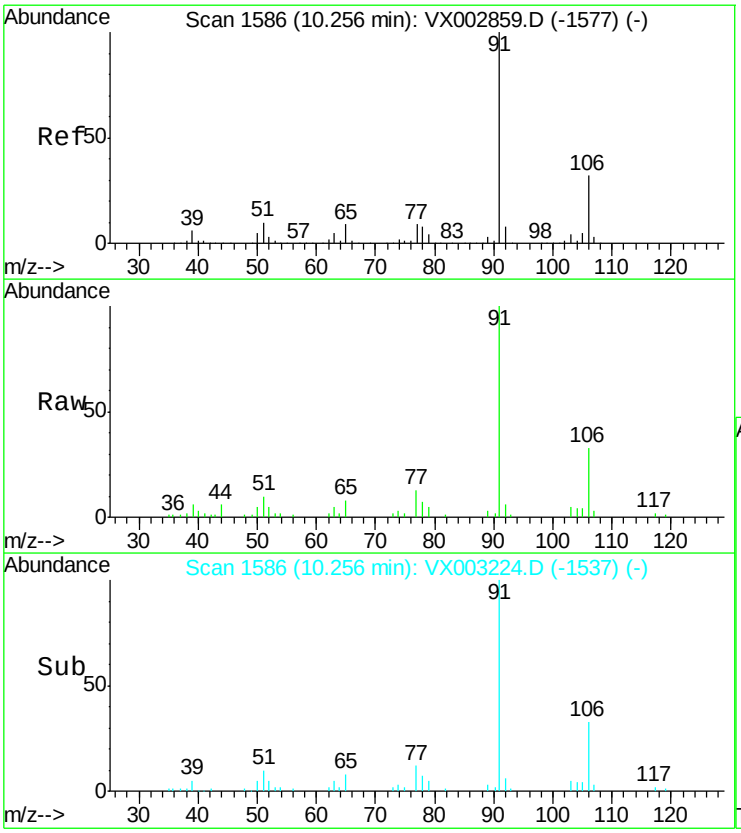
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003224.D
Acq: 06 Jul 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 366767

Ion	Ratio	Lower	Upper
117	100		
82	52.2	45.0	67.4
119	32.2	25.8	38.6

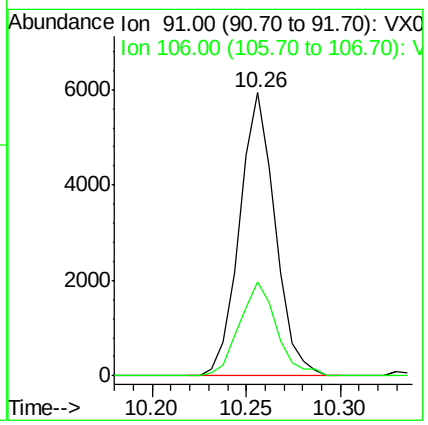


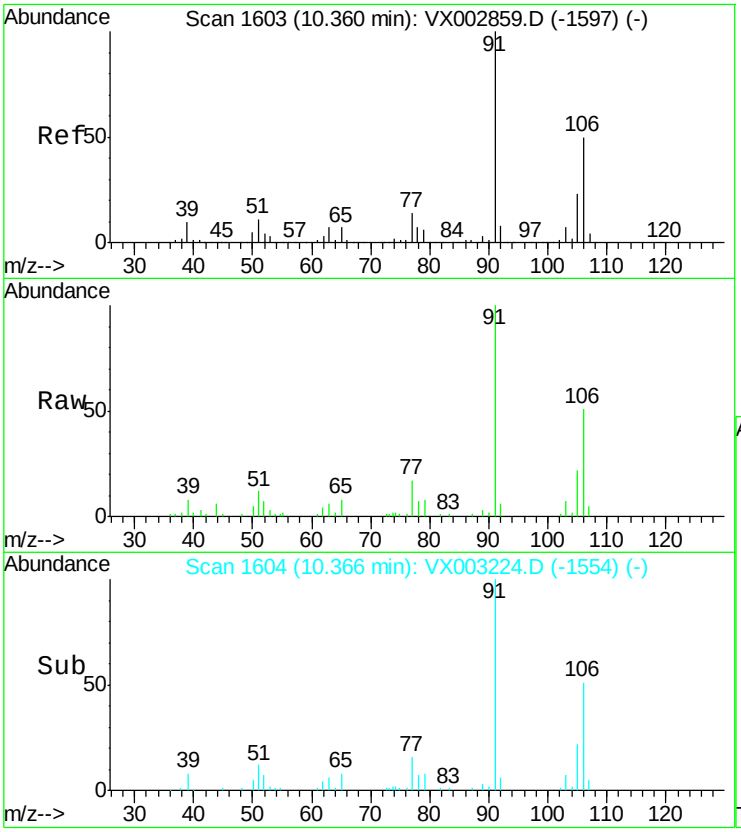


#67
Ethyl Benzene
Concen: 0.50 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003224.D
Acq: 06 Jul 2018 20:40

Tgt Ion: 91 Resp: 7766

Ion	Ratio	Lower	Upper
91	100		
106	33.4	25.5	38.3



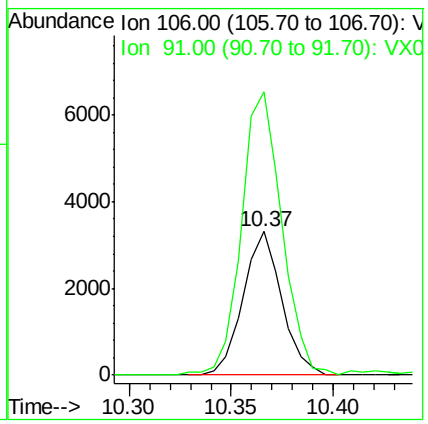


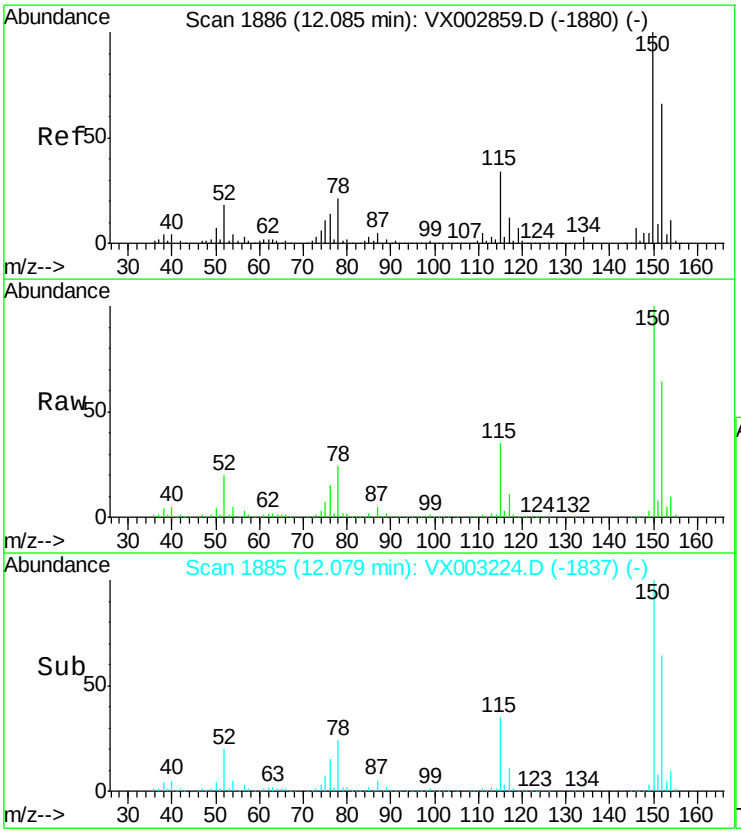
#68
m/p-Xylenes
Concen: 0.73 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003224.D
Acq: 06 Jul 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 4348

Ion	Ratio	Lower	Upper
106	100		
91	206.0	163.4	245.2

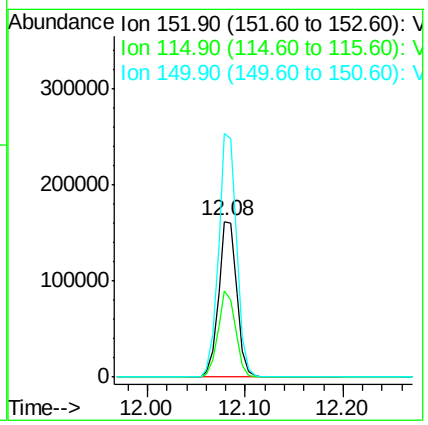


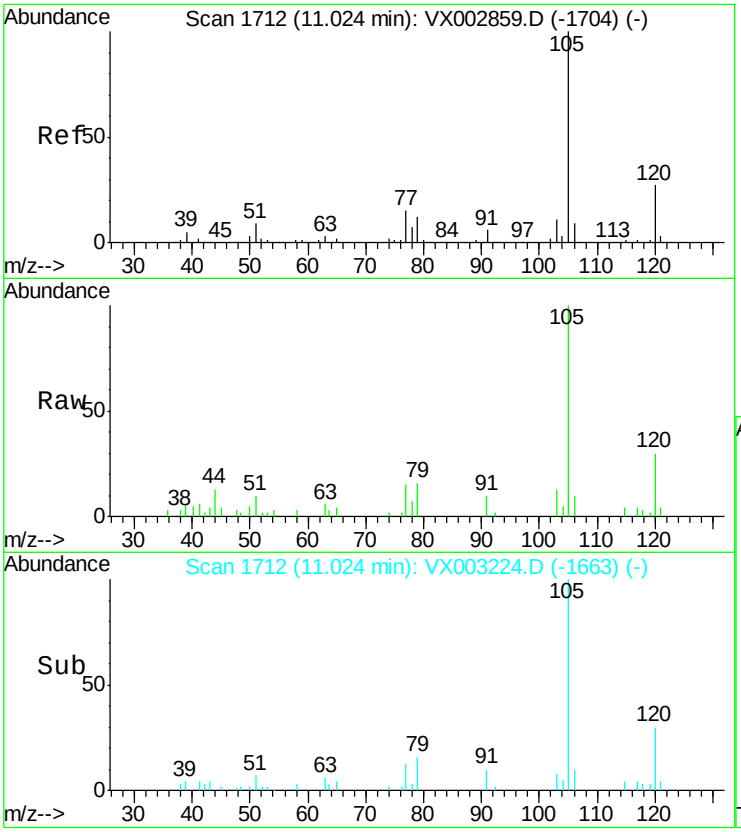


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003224.D
Acq: 06 Jul 2018 20:40

Tgt Ion:152 Resp: 206892

Ion	Ratio	Lower	Upper
152	100		
115	53.2	40.1	120.2
150	155.7	0.0	347.2



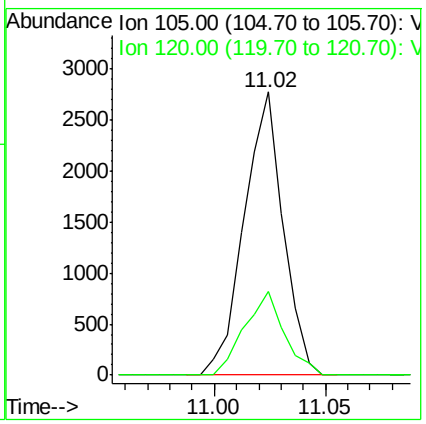


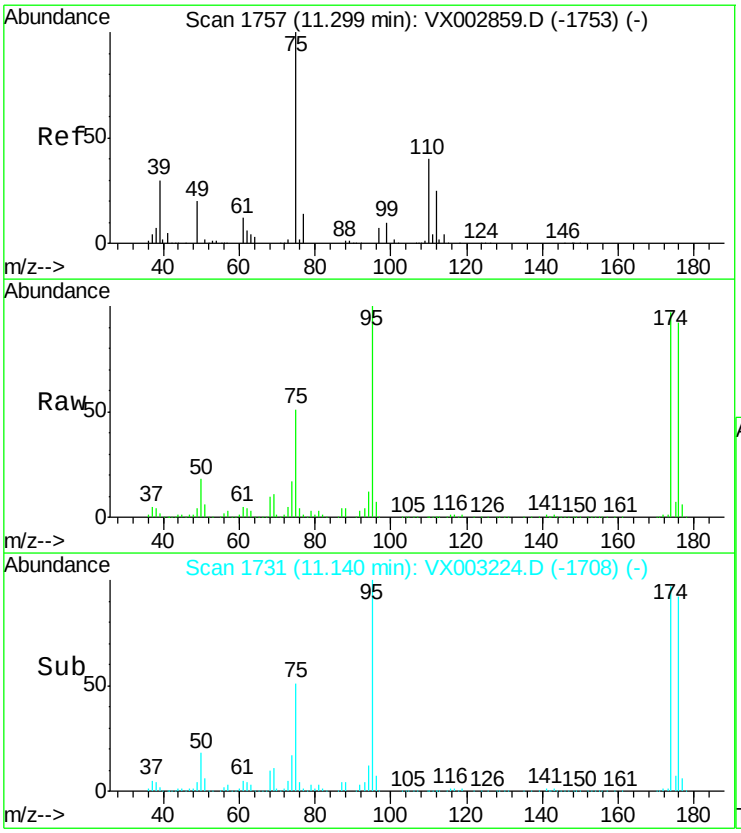
#73
Isopropylbenzene
Concen: 0.24 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX003224.D
Acq: 06 Jul 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 3391

Ion	Ratio	Lower	Upper
105	100		
120	30.1	13.5	40.4

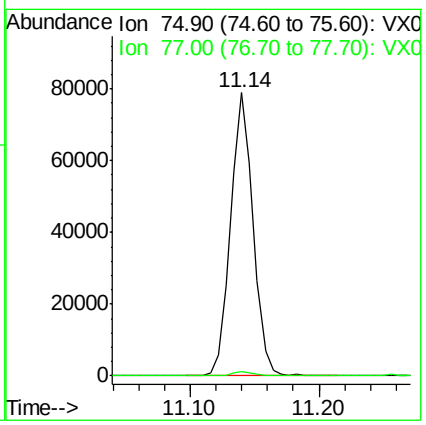


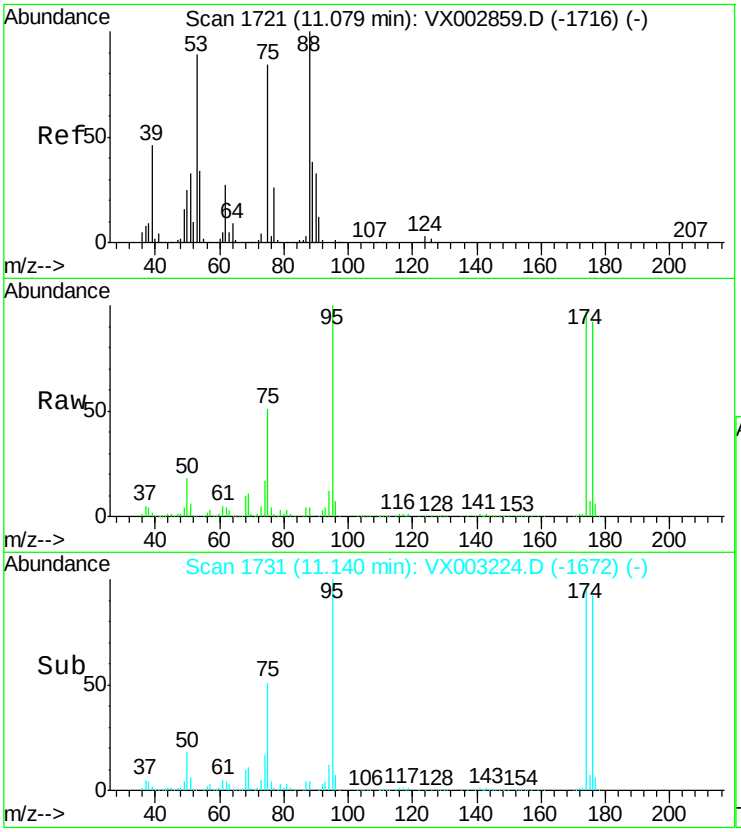


#76
1,2,3-Trichloropropane
Concen: 25.75 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003224.D
Acq: 06 Jul 2018 20:40

Tgt Ion: 75 Resp: 96518

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.8	68.3#



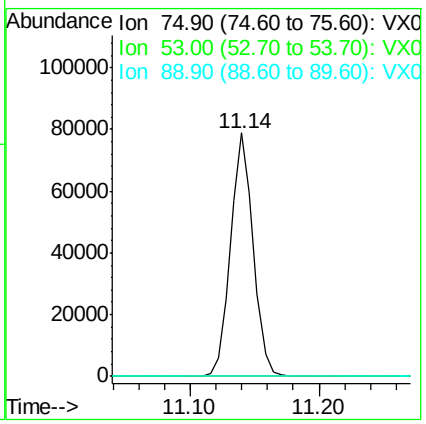


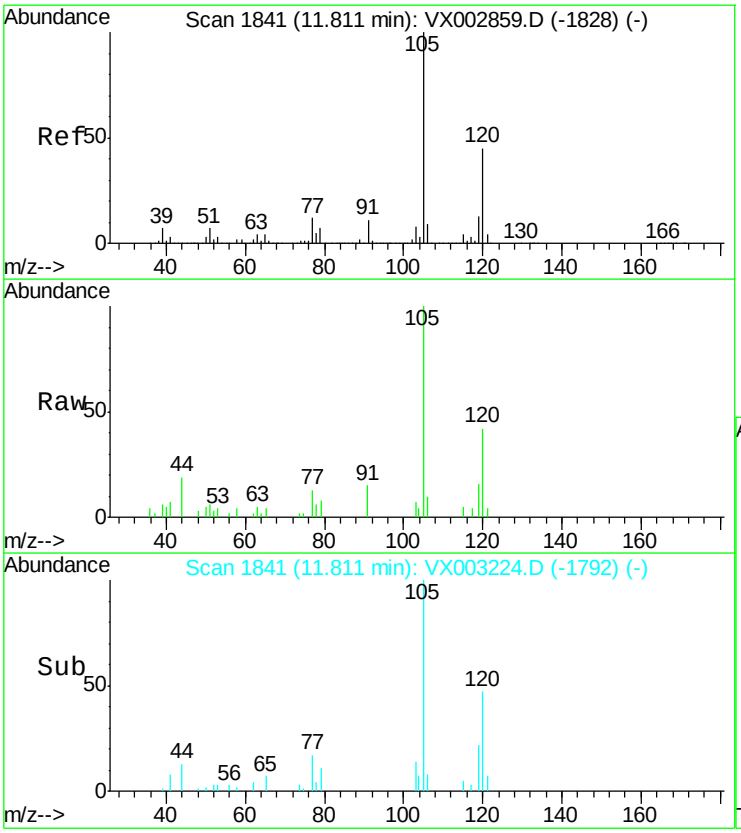
#81
trans-1,4-Dichloro-2-butene
Concen: 73.06 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003224.D
Acq: 06 Jul 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 96518

Ion	Ratio	Lower	Upper
75	100		
53	0.2	86.8	130.2#
89	0.1	38.2	57.2#

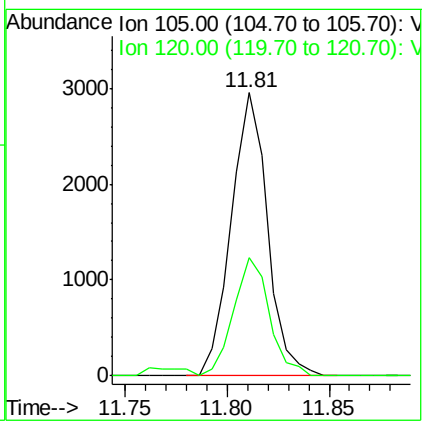


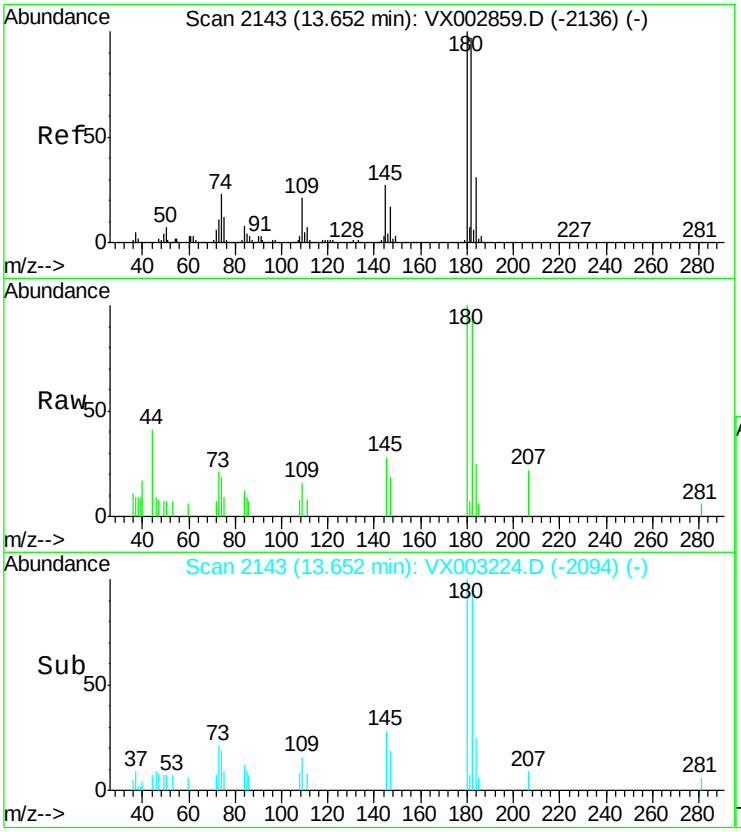


#84
1,2,4-Trimethylbenzene
Concen: 0.30 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003224.D
Acq: 06 Jul 2018 20:40

Tgt Ion:105 Resp: 3625

Ion	Ratio	Lower	Upper
105	100		
120	41.4	22.3	66.8





#93
1,2,4-Trichlorobenzene
Concen: 0.21 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. -0.00 min
Lab File: VX003224.D
Acq: 06 Jul 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 1129

Ion	Ratio	Lower	Upper
180	100		
182	99.6	47.7	143.1
145	32.2	14.1	42.4