Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122719\
Data File : VX014322.D
Acq On : 27 Dec 2019 20:24
Operator : JC/SP
Sample : K6449-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OW-2

Quant Time: Dec 30 05:39:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	507256	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	777778	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	703356	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	314310	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	282800	49.19	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.38%				
35) Dibromofluoromethane	5.49	113	234240	49.54	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.08%				
50) Toluene-d8	8.71	98	945753	51.38	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.76%				
62) 4-Bromofluorobenzene	11.13	95	315463	46.88	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.76%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	3211	0.527	ug/l		91
5) Bromomethane	1.64	94	927	0.203	ug/l	#	29
6) Chloroethane	1.61	64	8630	2.176	ug/l	#	59
10) Methyl Iodide	2.51	142	609	2.712	ug/l	#	1
11) Tert butyl alcohol	3.02	59	7232	5.822	ug/l	#	86
13) Acrolein	2.29	56	417	0.586	ug/l	#	64
16) Acetone	2.43	43	31804	8.521	ug/l		94
17) Carbon Disulfide	2.58	76	1061	0.827	ug/l	#	73
20) Methylene Chloride	2.86	84	1214	0.207	ug/l	#	61
28) Bromochloromethane	4.99	49	607	0.616	ug/l	#	64
29) Tetrahydrofuran	5.12	42	760	0.295	ug/l	#	47
31) Cyclohexane	5.58	56	11221	1.306	ug/l	#	88
36) 1,1-Dichloropropene	5.65	75	35850	5.023	ug/l	#	49
38) Carbon Tetrachloride	5.65	117	44966	6.916	ug/l	#	16
39) Methylcyclohexane	7.46	83	13148	1.492	ug/l		96
40) Benzene	6.14	78	7003	0.319	ug/l	#	76
49) 1,4-Dioxane	7.76	88	489	3.763	ug/l	#	73
51) 4-Methyl-2-Pentanone	8.63	43	2535	0.309	ug/l		88
52) Toluene	8.78	92	4648	0.335	ug/l		88
59) 2-Hexanone	9.31	43	1518	0.230	ug/l		98
68) m/p-Xylenes	10.35	106	5328	0.539	ug/l		99
69) o-Xylene	10.69	106	2979	0.307	ug/l		94
76) 1,2,3-Trichloropropane	11.13	75	154484	22.640	ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.13	75	154484	63.901	ug/l	#	12
84) 1,2,4-Trimethylbenzene	11.80	105	9002	0.483	ug/l		96
90) Hexachloroethane	12.67	117	983	0.280	ug/l	#	52
95) Naphthalene	13.83	128	28850	1.406	ug/l	#	90

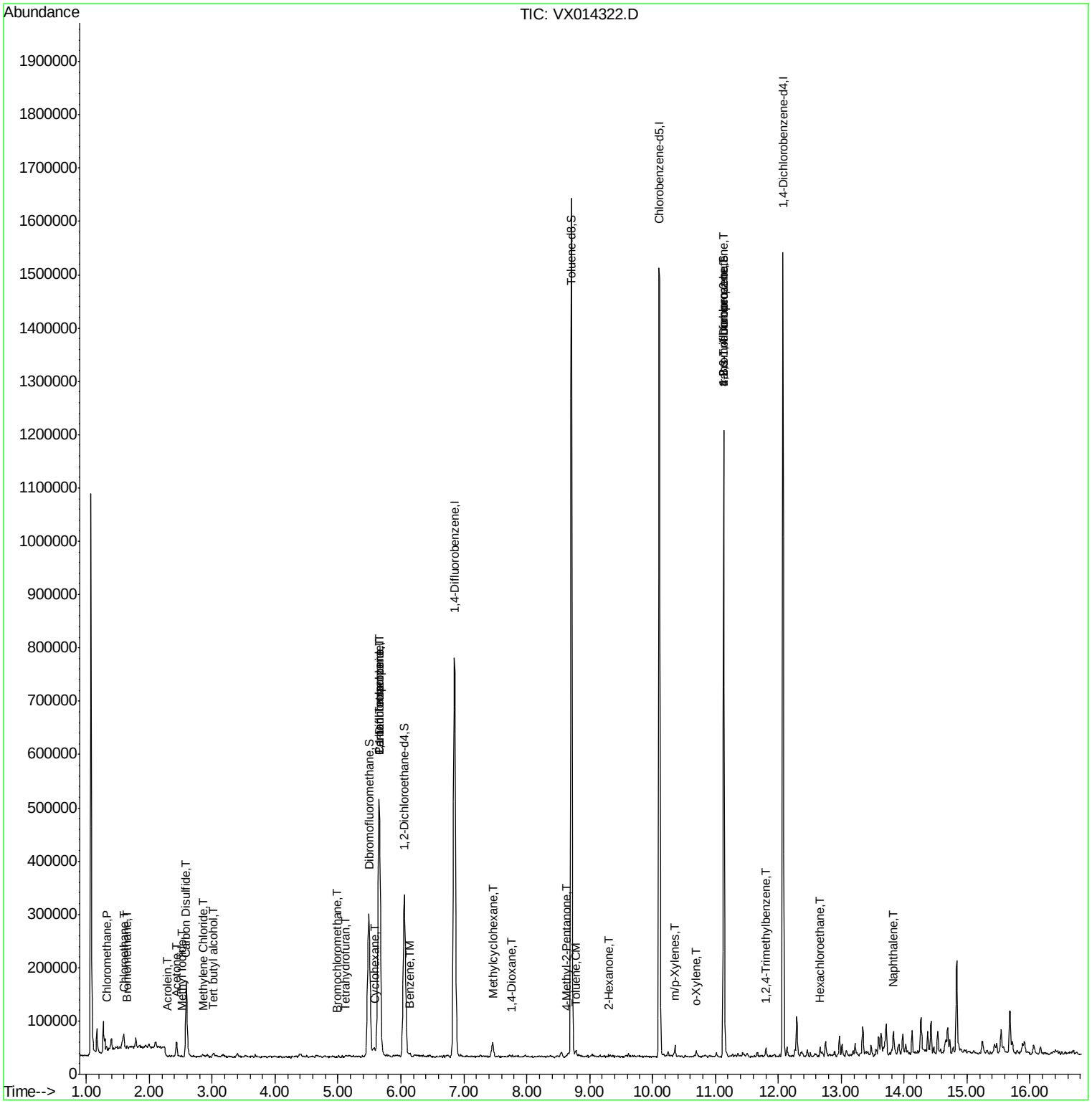
(#) = qualifier out of range (m) = manual integration (+) = signals summed

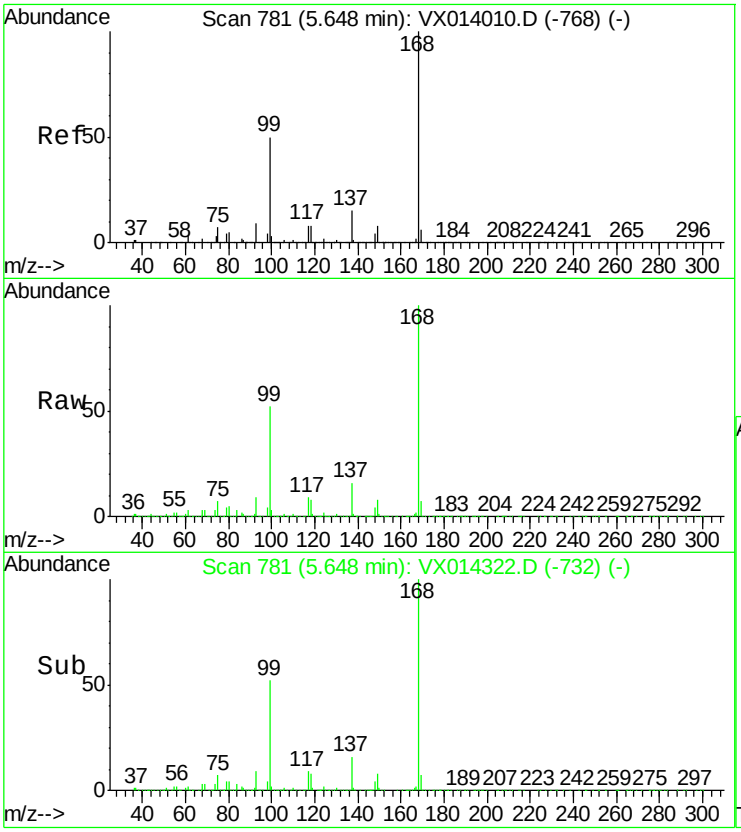
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122719\
Data File : VX014322.D
Acq On : 27 Dec 2019 20:24
Operator : JC/SP
Sample : K6449-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OW-2

Quant Time: Dec 30 05:39:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration



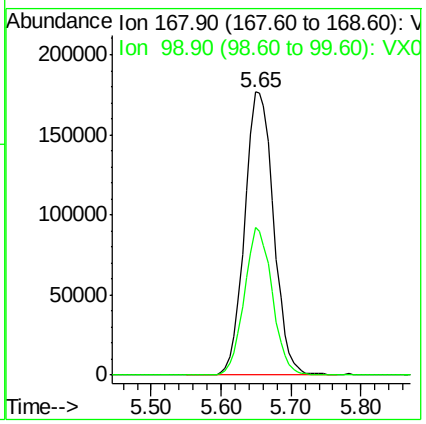


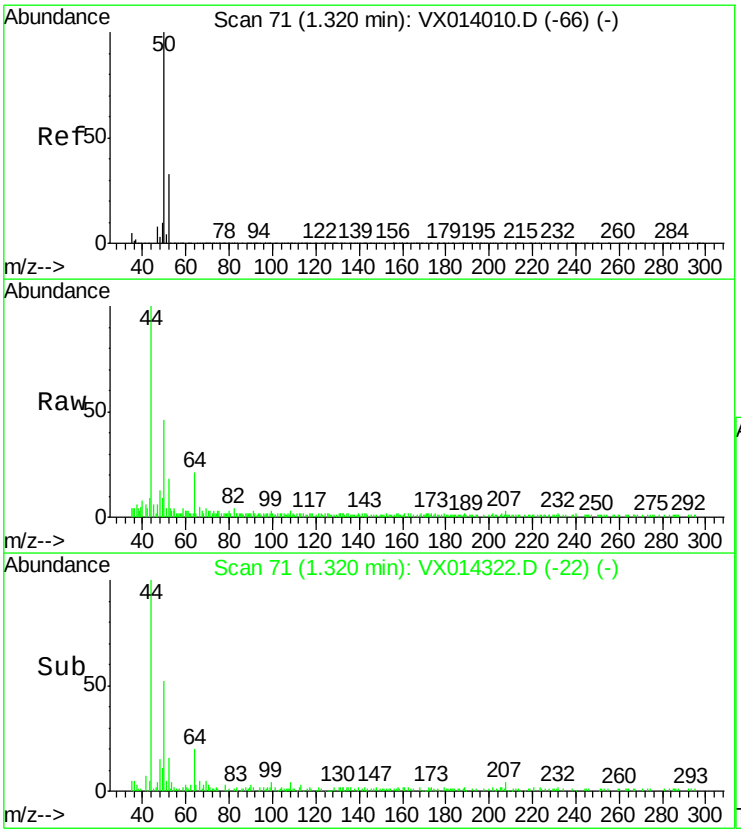
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX014322.D
Acq: 27 Dec 2019 20:24

Instrument :
MSVOA_X
ClientSampleId :
OW-2

Tgt Ion:168 Resp: 507256

Ion	Ratio	Lower	Upper
168	100		
99	51.9	40.3	60.5

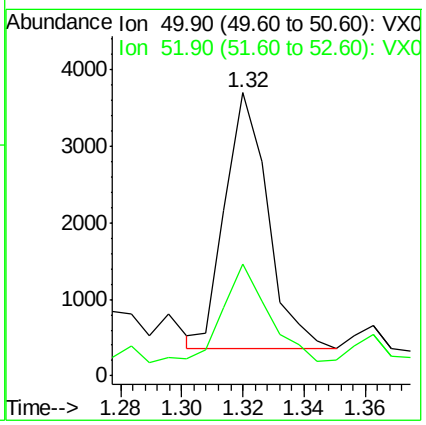


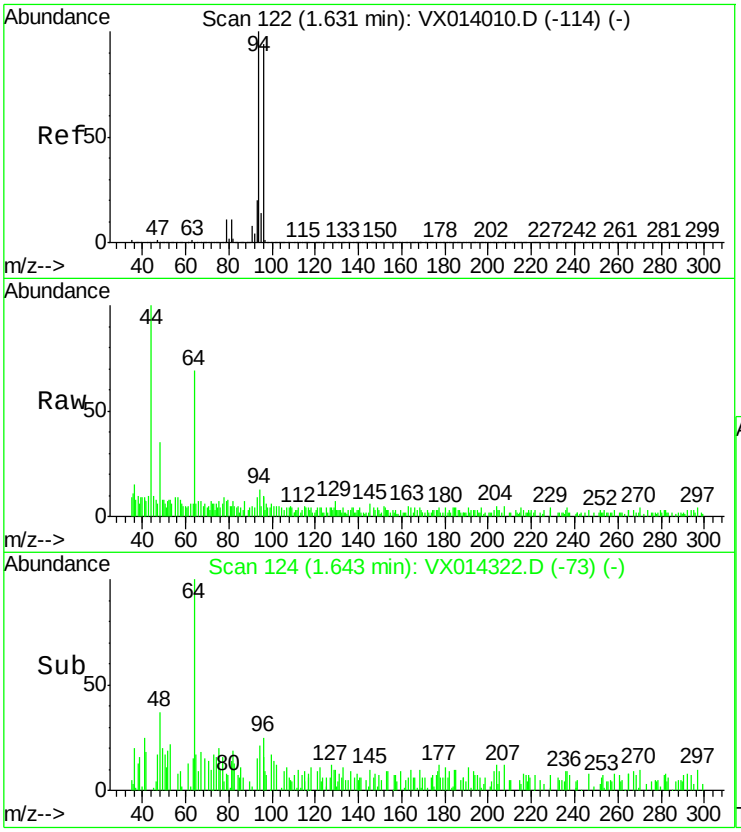


#3
Chloromethane
Concen: 0.527 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014322.D
Acq: 27 Dec 2019 20:24

Tgt Ion: 50 Resp: 3211

Ion	Ratio	Lower	Upper
50	100		
52	37.6	26.2	39.4



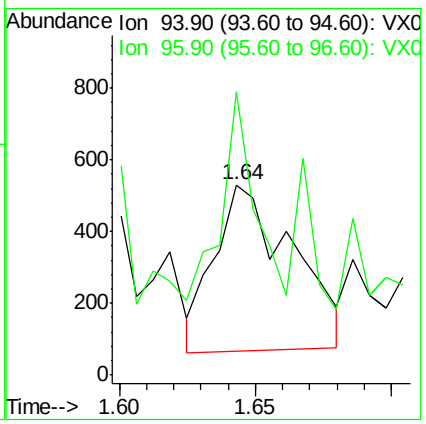


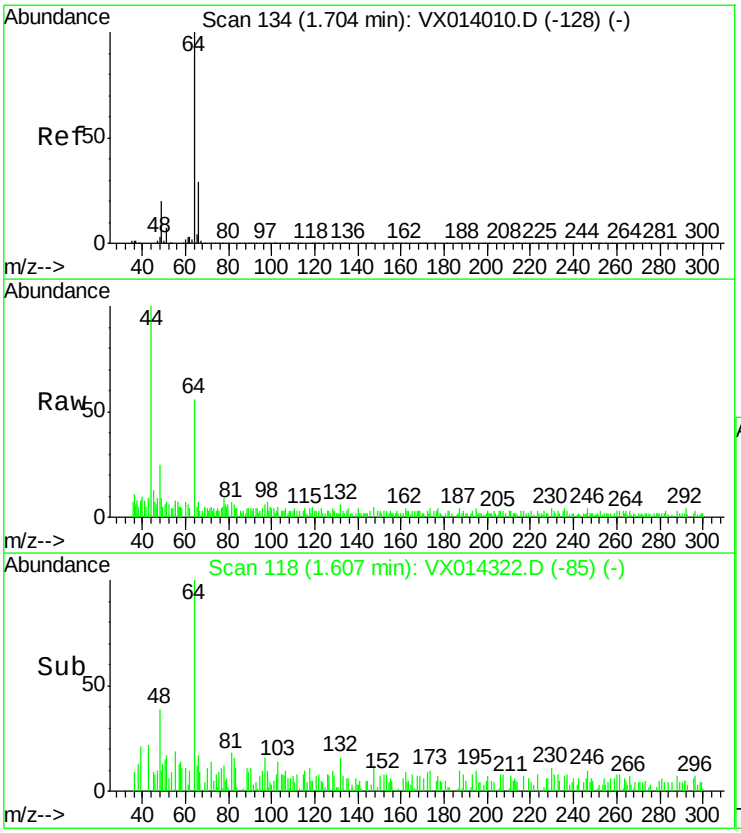
#5
Bromomethane
Concen: 0.203 ug/l
RT: 1.64 min Scan# 124
Delta R.T. 0.01 min
Lab File: VX014322.D
Acq: 27 Dec 2019 20:24

Instrument :
MSVOA_X
ClientSampleId :
OW-2

Tgt Ion: 94 Resp: 927

Ion	Ratio	Lower	Upper
94	100		
96	162.5	75.2	112.8#

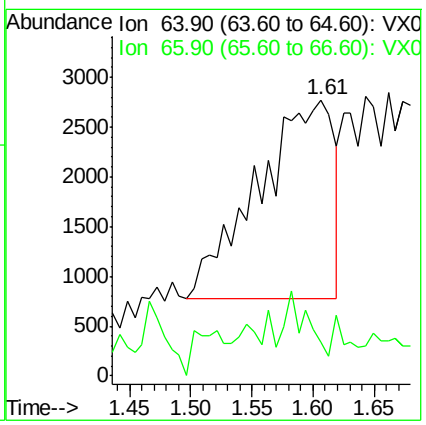


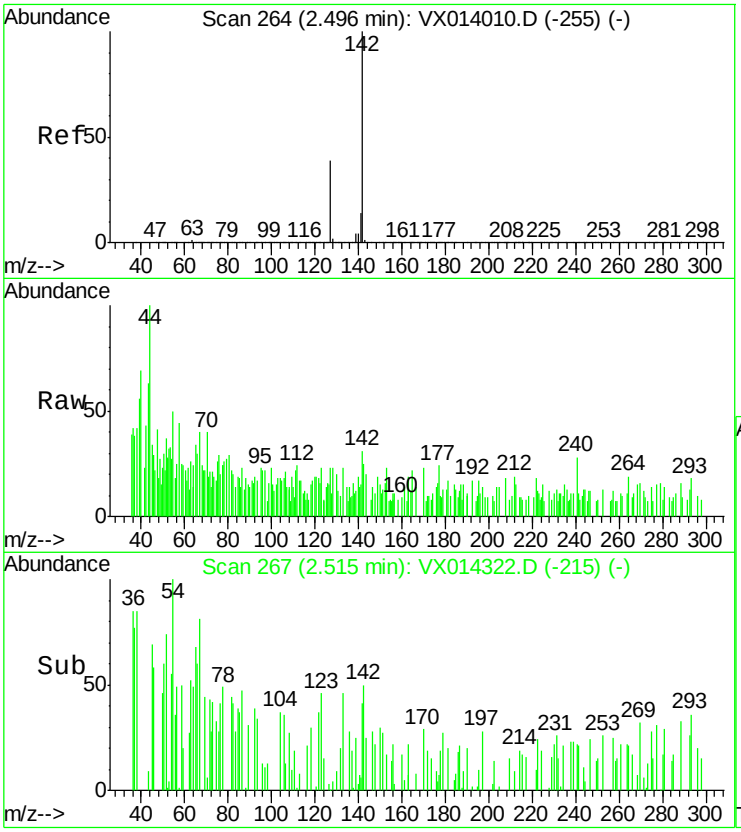


#6
Chloroethane
Concen: 2.176 ug/l
RT: 1.61 min Scan# 118
Delta R.T. -0.10 min
Lab File: VX014322.D
Acq: 27 Dec 2019 20:24

Tgt Ion: 64 Resp: 8630

Ion	Ratio	Lower	Upper
64	100		
66	7.1	23.4	35.2#



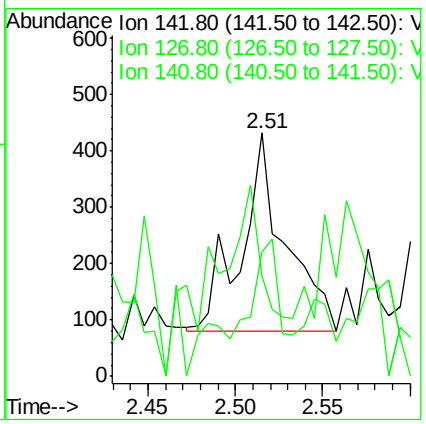


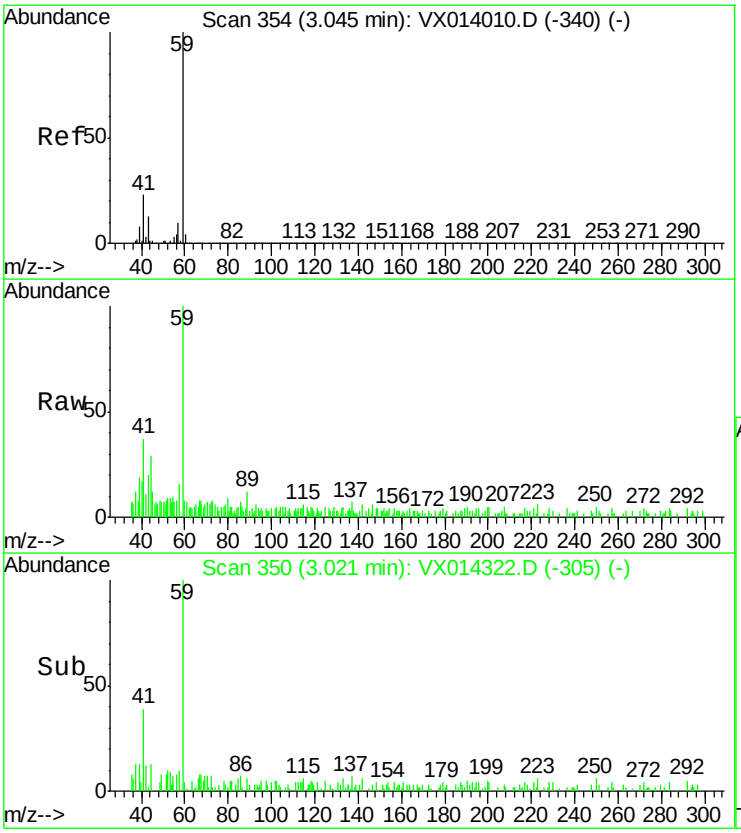
#10
Methyl Iodide
Concen: 2.712 ug/l
RT: 2.51 min Scan# 267
Delta R.T. 0.02 min
Lab File: VX014322.D
Acq: 27 Dec 2019 20:24

Instrument : MSVOA_X
ClientSampleId : OW-2

Tgt Ion:142 Resp: 609

Ion	Ratio	Lower	Upper
142	100		
127	125.6	31.6	47.4#
141	31.4	11.6	17.4#

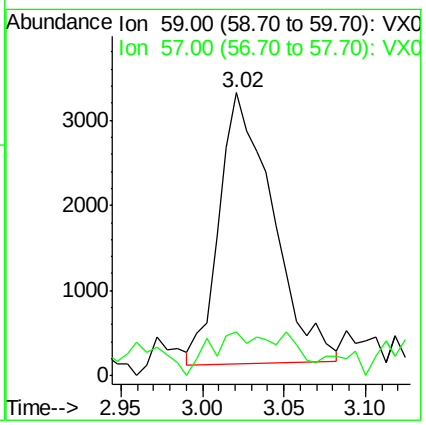


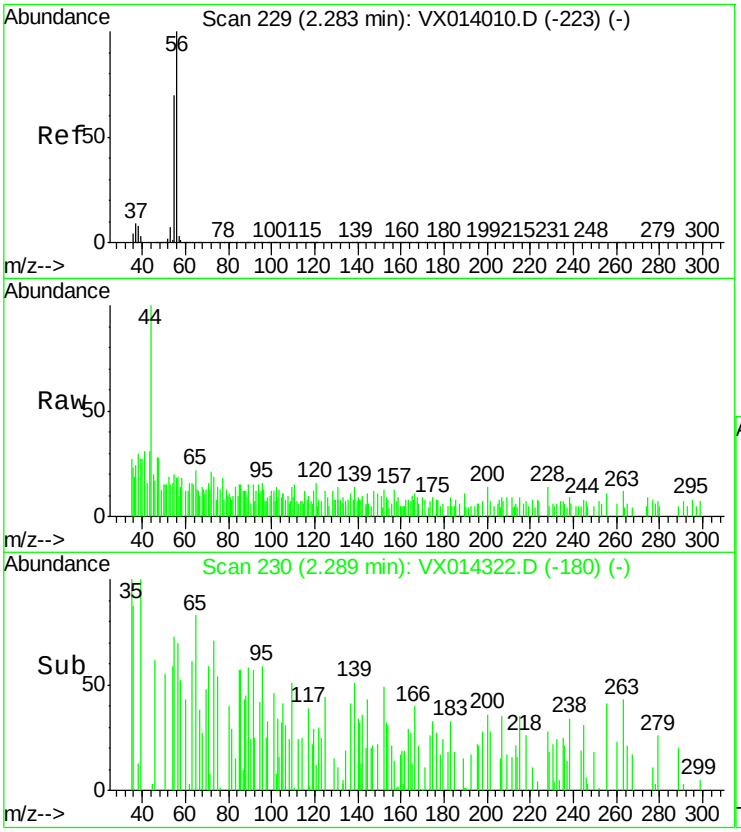


#11
Tert butyl alcohol
Concen: 5.822 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX014322.D
Acq: 27 Dec 2019 20:24

Tgt Ion: 59 Resp: 7232

Ion	Ratio	Lower	Upper
59	100		
57	15.7	8.4	12.6#



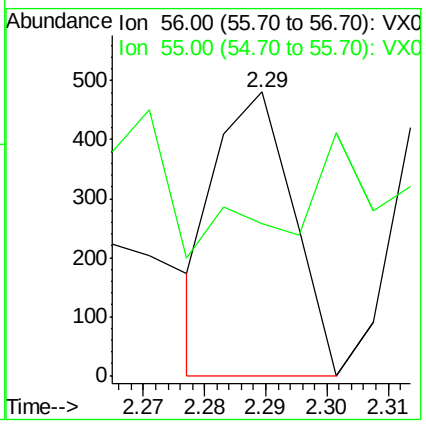


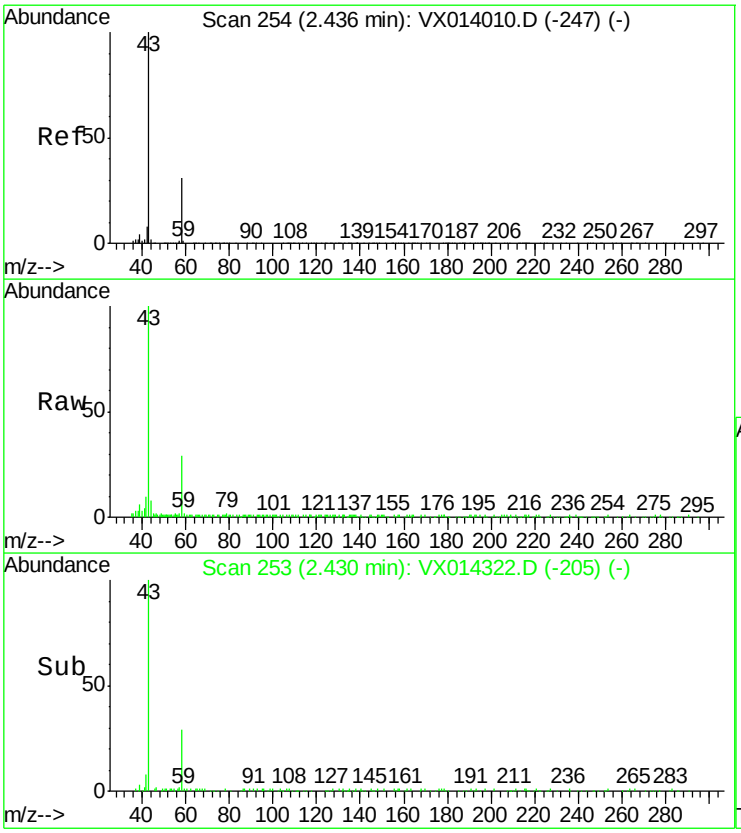
#13
Acrolein
Concen: 0.586 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX014322.D
Acq: 27 Dec 2019 20:24

Instrument :
MSVOA_X
ClientSampleId :
OW-2

Tgt Ion: 56 Resp: 417

Ion	Ratio	Lower	Upper
56	100		
55	100.7	56.9	85.3#

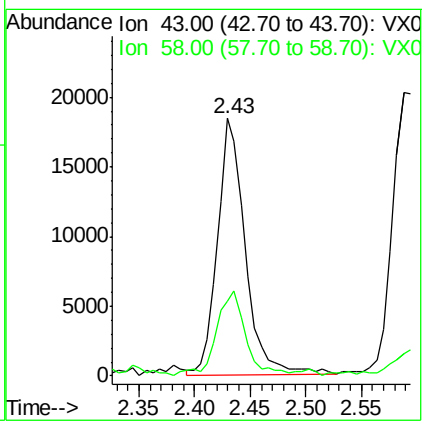


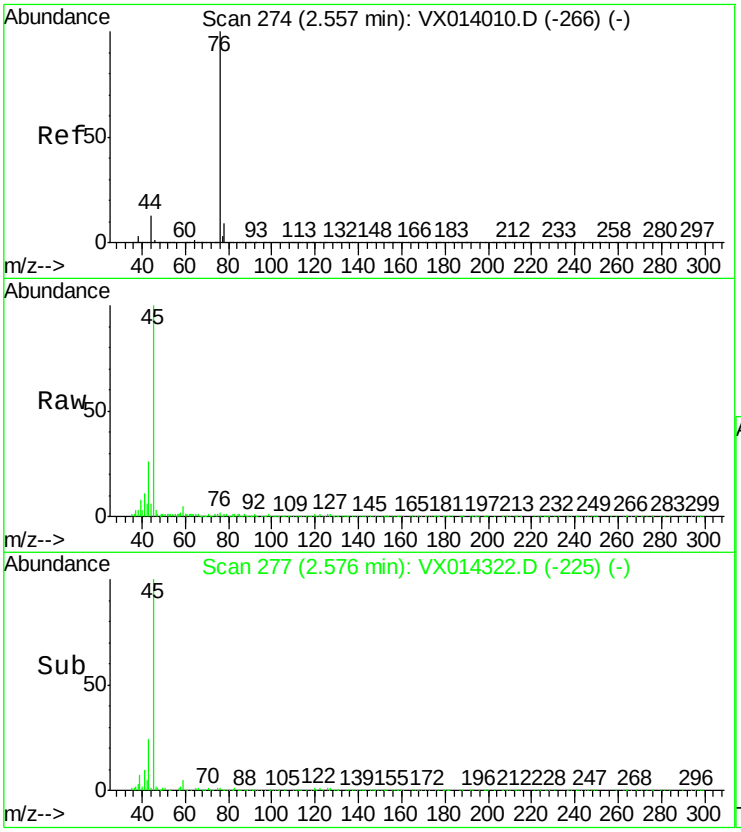


#16
Acetone
Concen: 8.521 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014322.D
Acq: 27 Dec 2019 20:24

Tgt Ion: 43 Resp: 31804

Ion	Ratio	Lower	Upper
43	100		
58	27.9	24.9	37.3



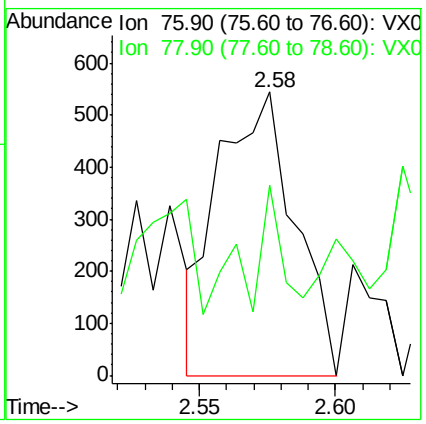


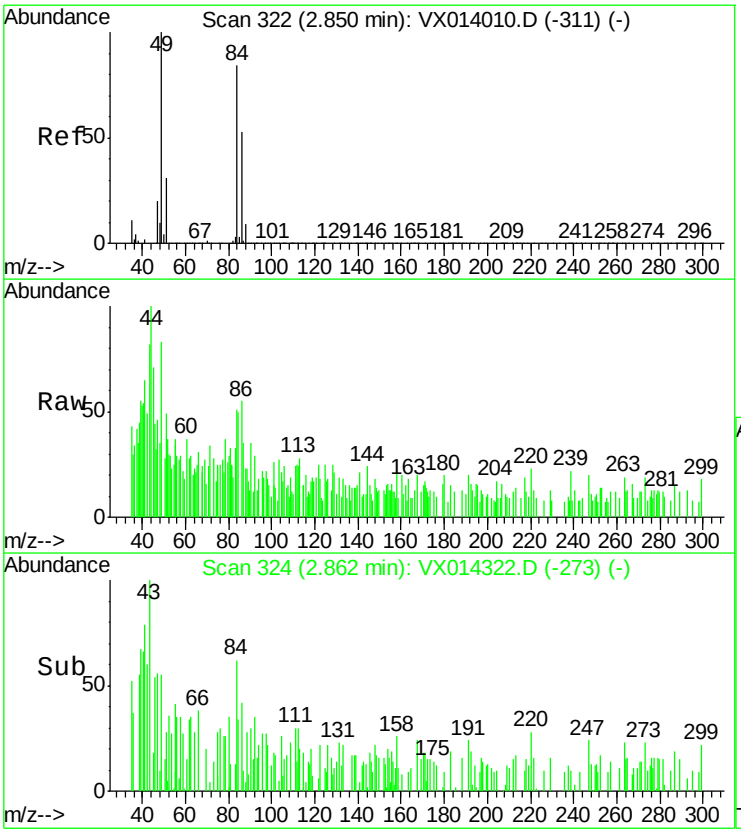
#17
Carbon Disulfide
Concen: 0.827 ug/l
RT: 2.58 min Scan# 277
Delta R.T. 0.02 min
Lab File: VX014322.D
Acq: 27 Dec 2019 20:24

Instrument : MSVOA_X
ClientSampleId : OW-2

Tgt Ion: 76 Resp: 1061

Ion	Ratio	Lower	Upper
76	100		
78	18.9	7.2	10.8#

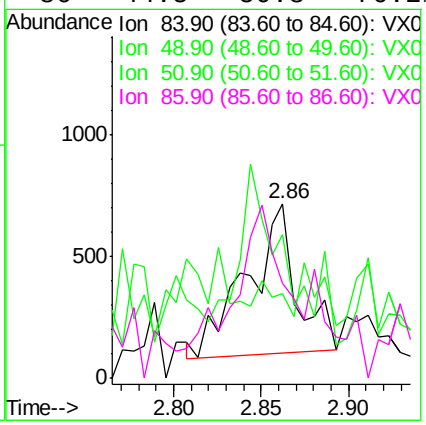


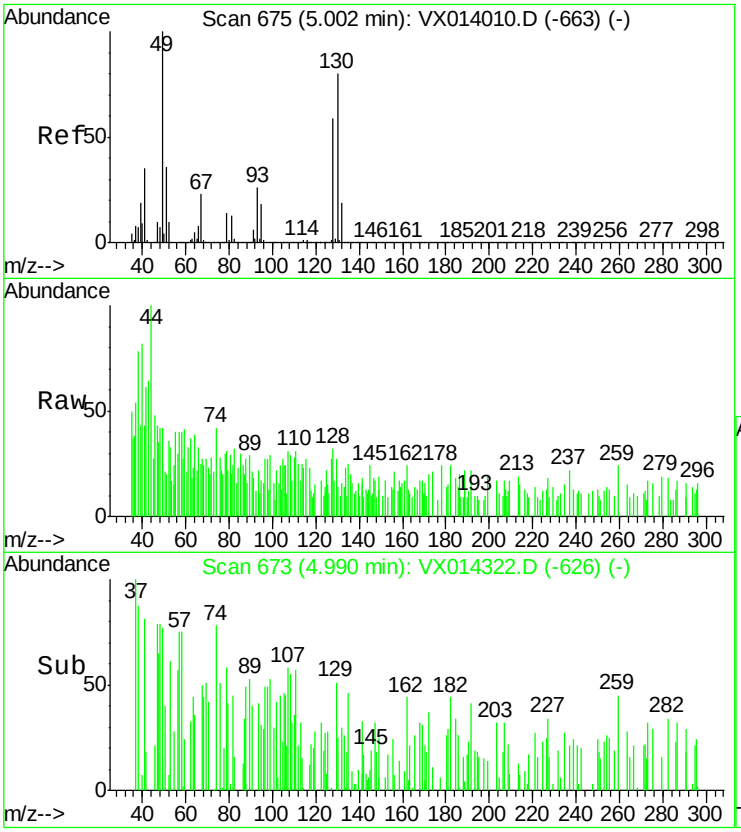


#20
Methylene Chloride
Concen: 0.207 ug/l
RT: 2.86 min Scan# 324
Delta R.T. 0.01 min
Lab File: VX014322.D
Acq: 27 Dec 2019 20:24

Tgt Ion: 84 Resp: 1214

Ion	Ratio	Lower	Upper
84	100		
49	75.3	95.8	143.6#
51	0.0	29.8	44.8#
86	44.5	50.8	76.2#



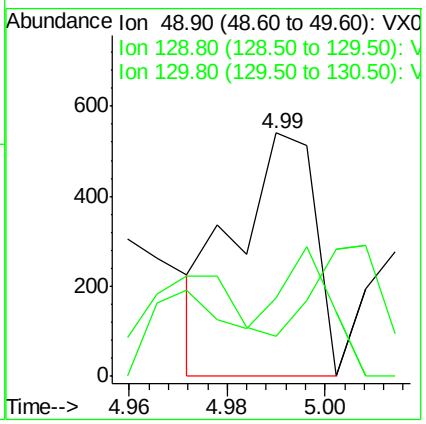


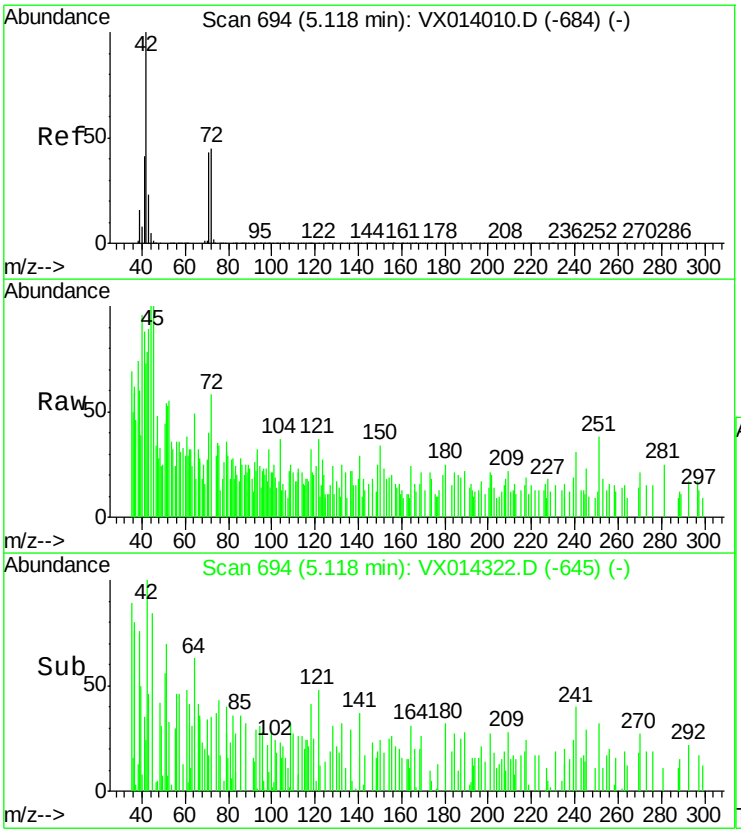
#28
Bromochloromethane
Concen: 0.616 ug/l
RT: 4.99 min Scan# 673
Delta R.T. -0.01 min
Lab File: VX014322.D
Acq: 27 Dec 2019 20:24

Instrument : MSVOA_X
ClientSampleId : OW-2

Tgt Ion: 49 Resp: 607

Ion	Ratio	Lower	Upper
49	100		
129	36.4	0.0	5.0#
130	50.4	64.6	97.0#

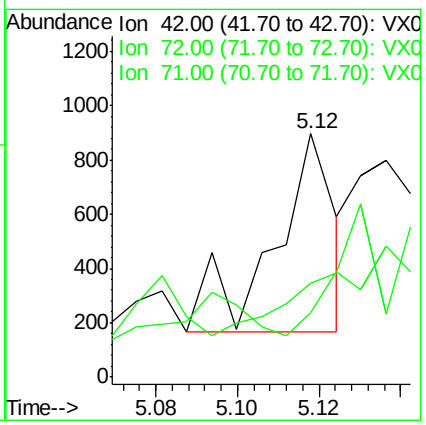


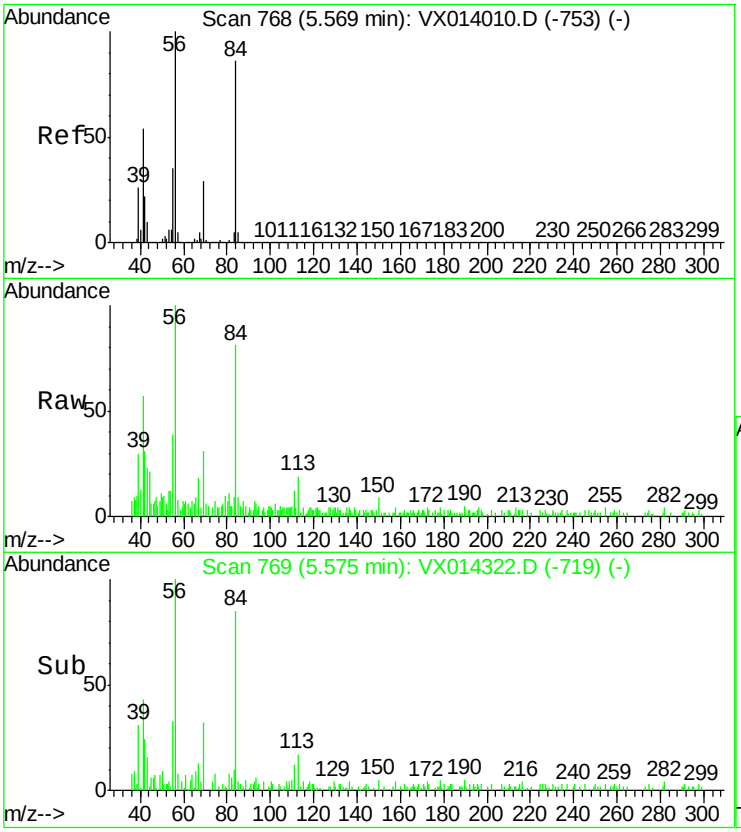


#29
Tetrahydrofuran
Concen: 0.295 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.00 min
Lab File: VX014322.D
Acq: 27 Dec 2019 20:24

Tgt Ion: 42 Resp: 760

Ion	Ratio	Lower	Upper
42	100		
72	70.7	35.8	53.8#
71	0.0	33.6	50.4#



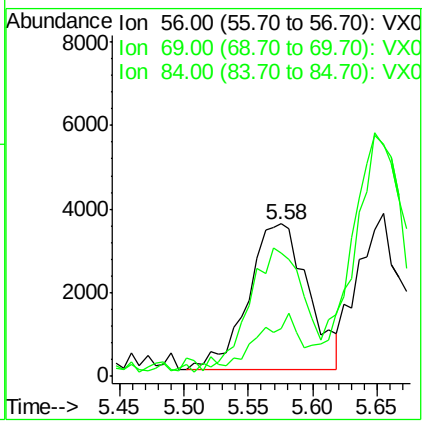


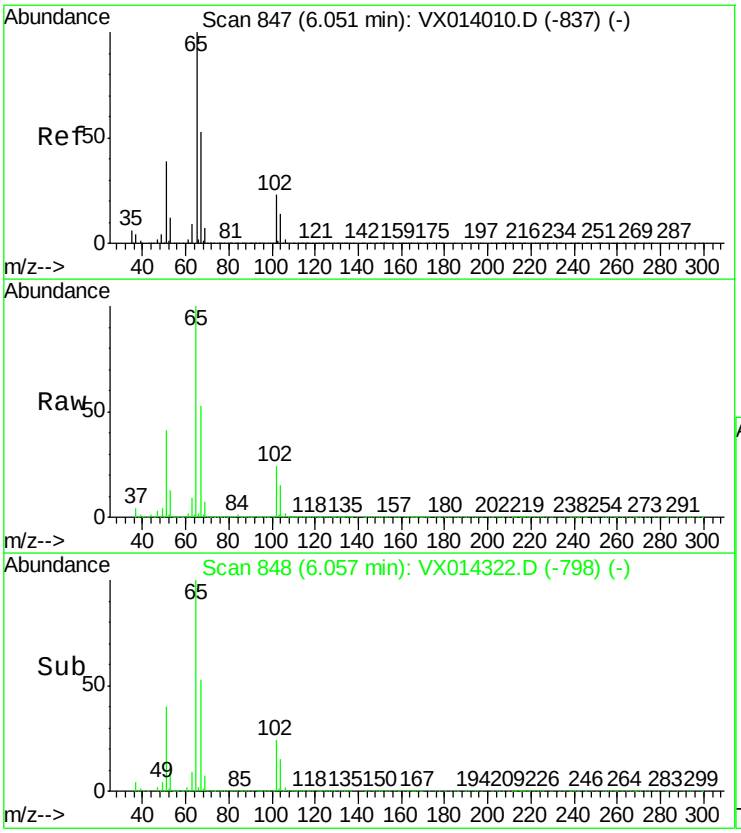
#31
Cyclohexane
Concen: 1.306 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX014322.D
Acq: 27 Dec 2019 20:24

Instrument : MSVOA_X
ClientSampleId : OW-2

Tgt Ion: 56 Resp: 11221

Ion	Ratio	Lower	Upper
56	100		
69	20.0	23.2	34.8#
84	77.5	69.2	103.8

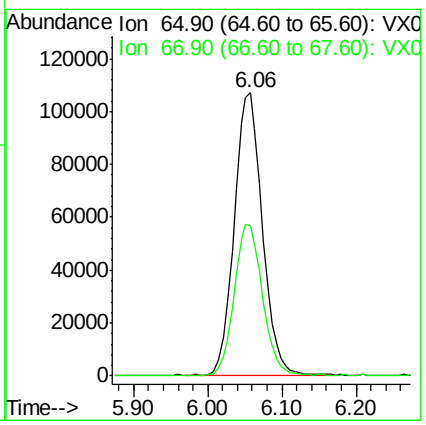


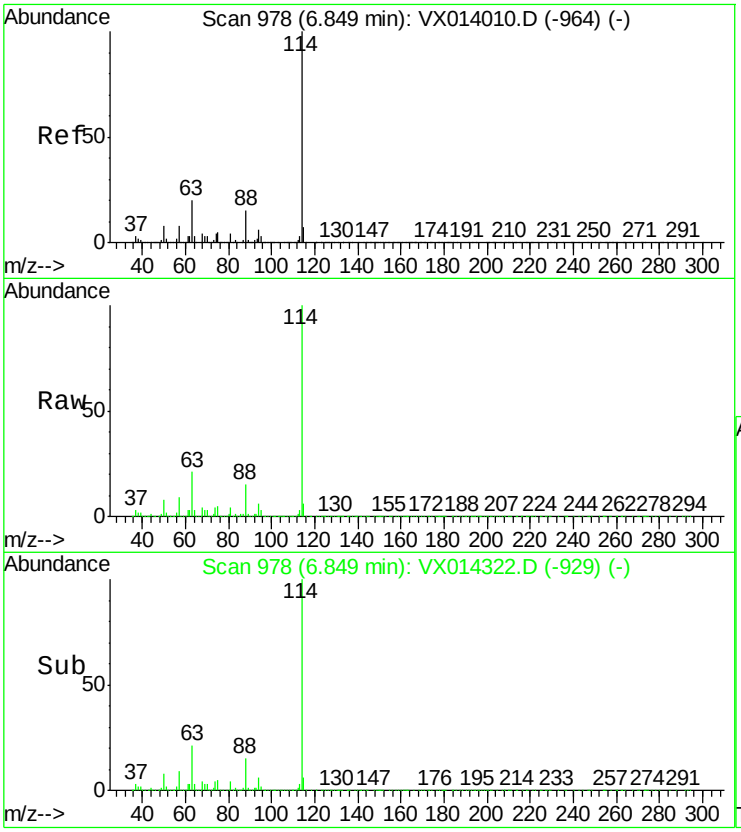


#33
1,2-Dichloroethane-d4
Concen: 49.191 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX014322.D
Acq: 27 Dec 2019 20:24

Tgt Ion: 65 Resp: 282800

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	106.4



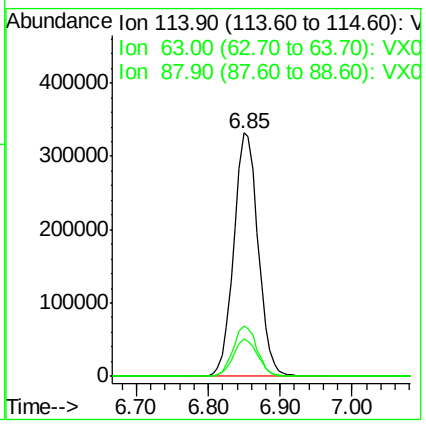


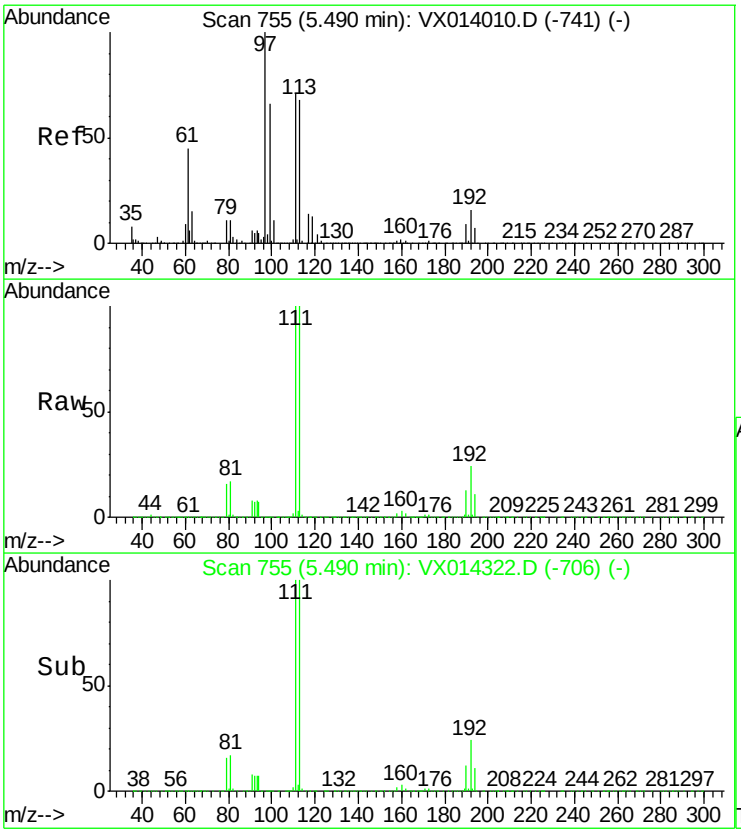
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014322.D
Acq: 27 Dec 2019 20:24

Instrument : MSVOA_X
ClientSampleId : OW-2

Tgt Ion:114 Resp: 777778

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.8
88	15.3	0.0	30.4

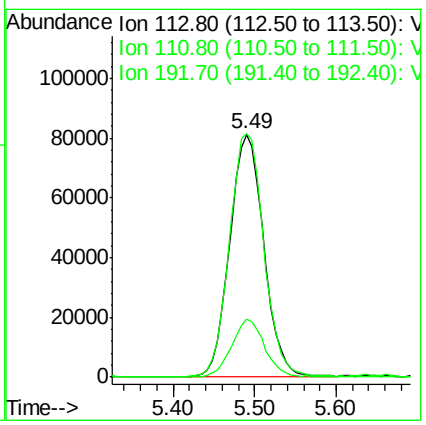


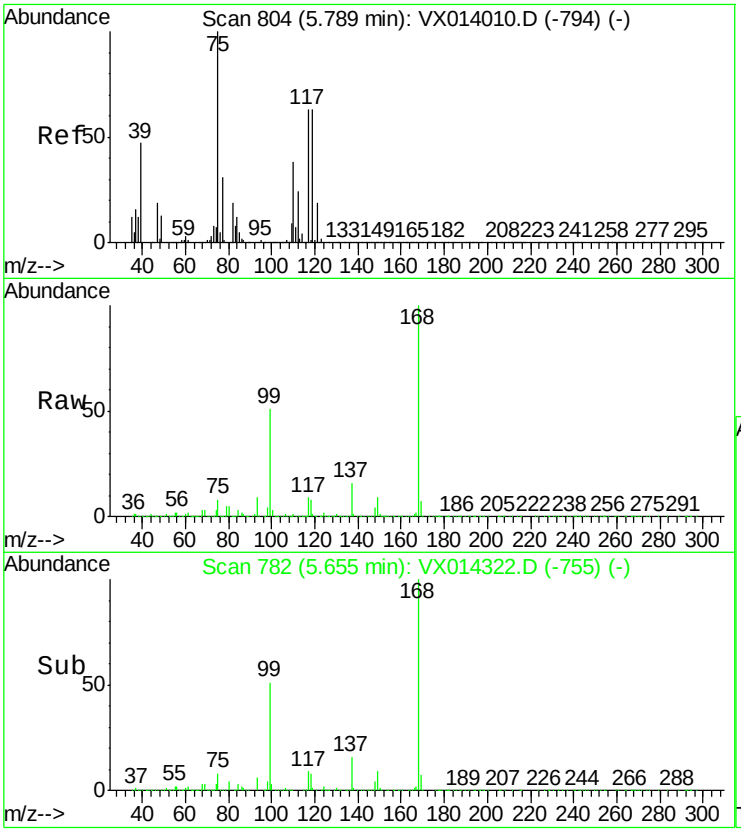


#35
Dibromofluoromethane
Concen: 49.543 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014322.D
Acq: 27 Dec 2019 20:24

Tgt Ion:113 Resp: 234240

Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.0	123.0
192	23.2	19.3	28.9



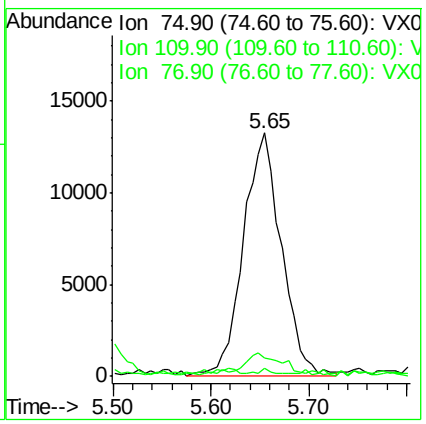


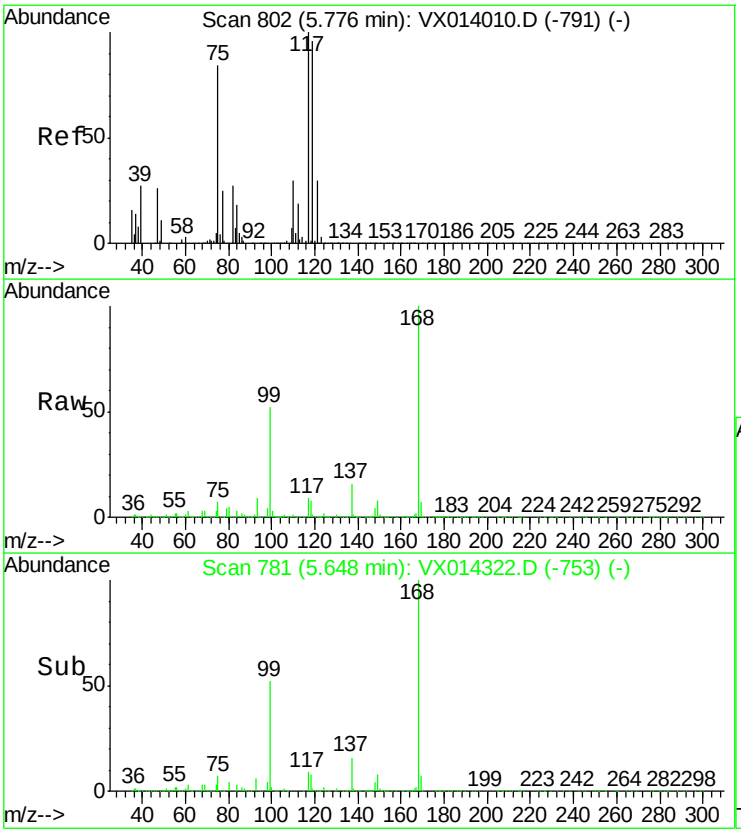
#36
1,1-Dichloropropene
Concen: 5.023 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX014322.D
Acq: 27 Dec 2019 20:24

Instrument : MSVOA_X
ClientSampleId : OW-2

Tgt Ion: 75 Resp: 35850

Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.3	54.9#
77	0.9	24.8	37.2#

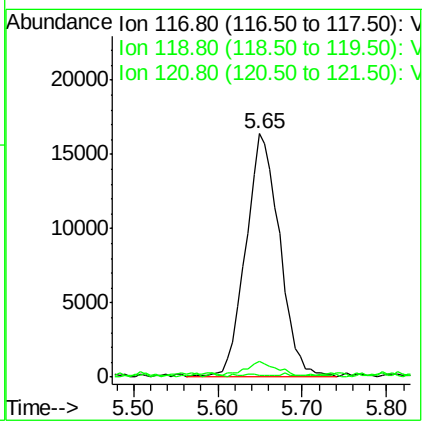


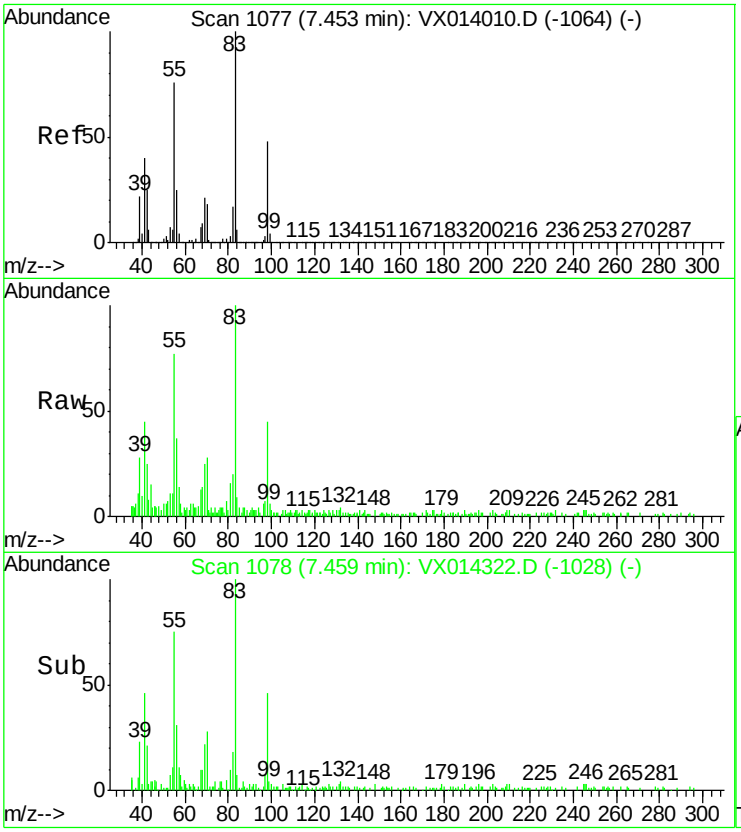


#38
Carbon Tetrachloride
Concen: 6.916 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX014322.D
Acq: 27 Dec 2019 20:24

Tgt Ion:117 Resp: 44966

Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.2	114.4#
121	0.0	23.6	35.4#



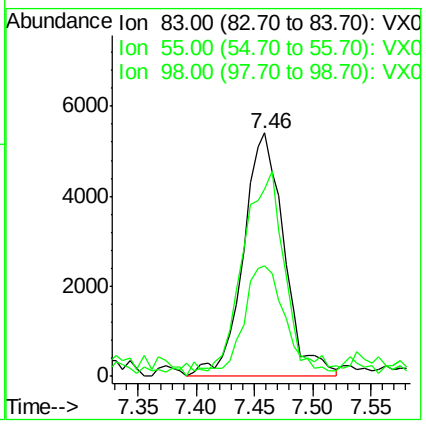


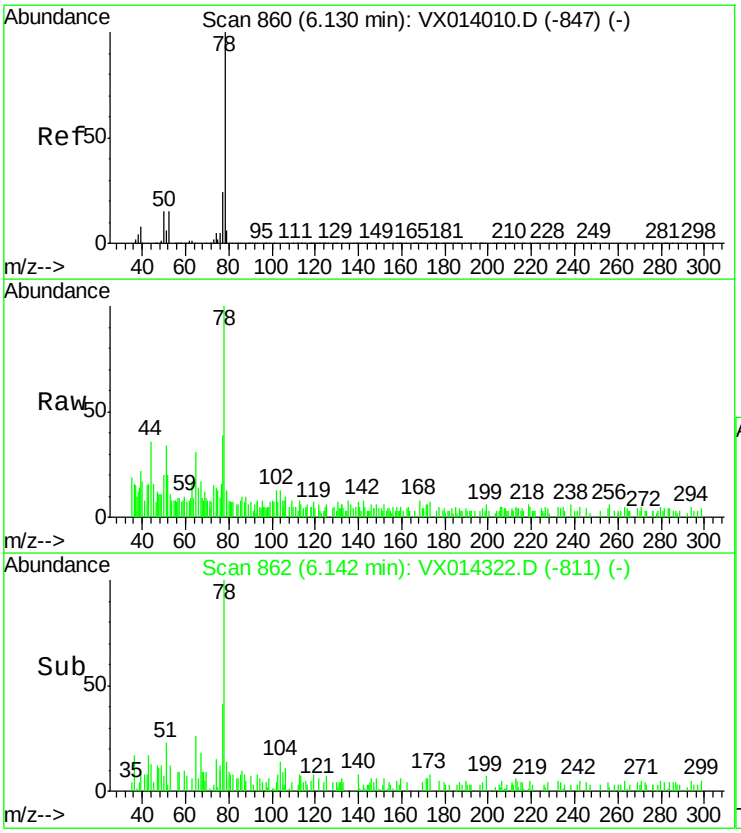
#39
Methylcyclohexane
Concen: 1.492 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014322.D
Acq: 27 Dec 2019 20:24

Instrument : MSVOA_X
ClientSampleId : OW-2

Tgt Ion: 83 Resp: 13148

Ion	Ratio	Lower	Upper
83	100		
55	79.2	61.0	91.6
98	44.4	38.6	57.8

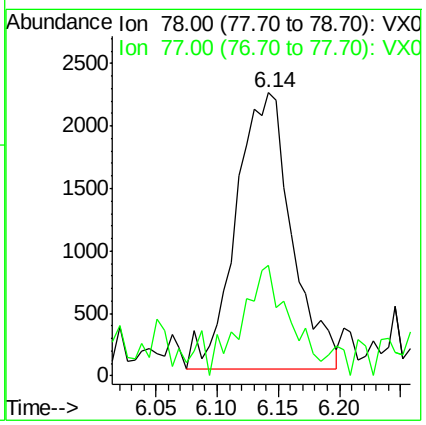


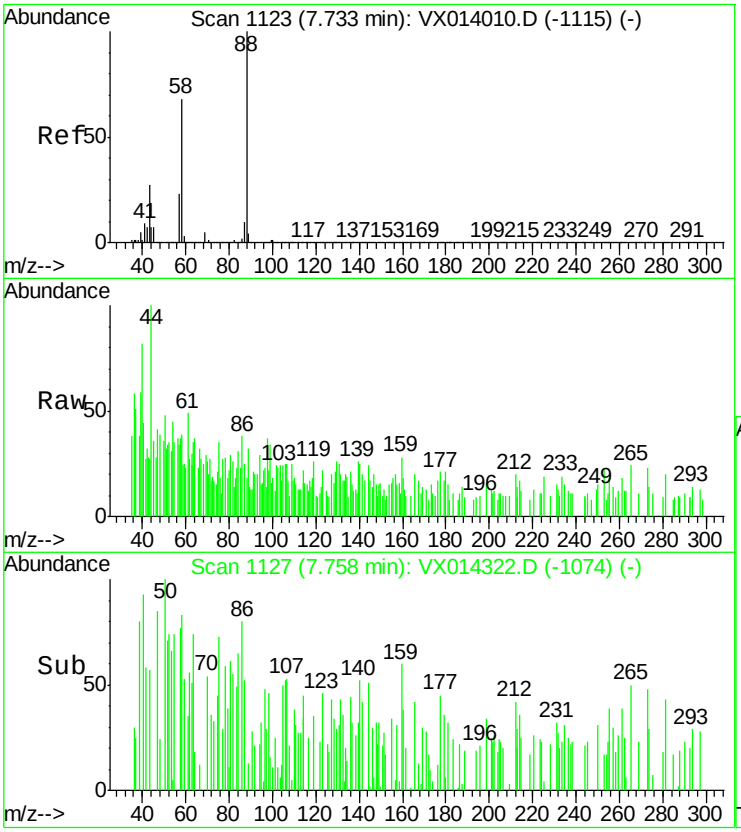


#40
Benzene
Concen: 0.319 ug/l
RT: 6.14 min Scan# 862
Delta R.T. 0.01 min
Lab File: VX014322.D
Acq: 27 Dec 2019 20:24

Tgt Ion: 78 Resp: 7003

Ion	Ratio	Lower	Upper
78	100		
77	35.5	18.8	28.2#



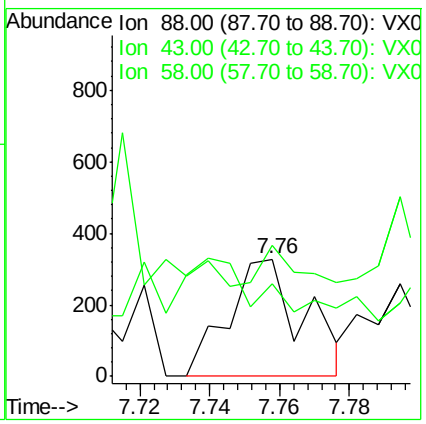


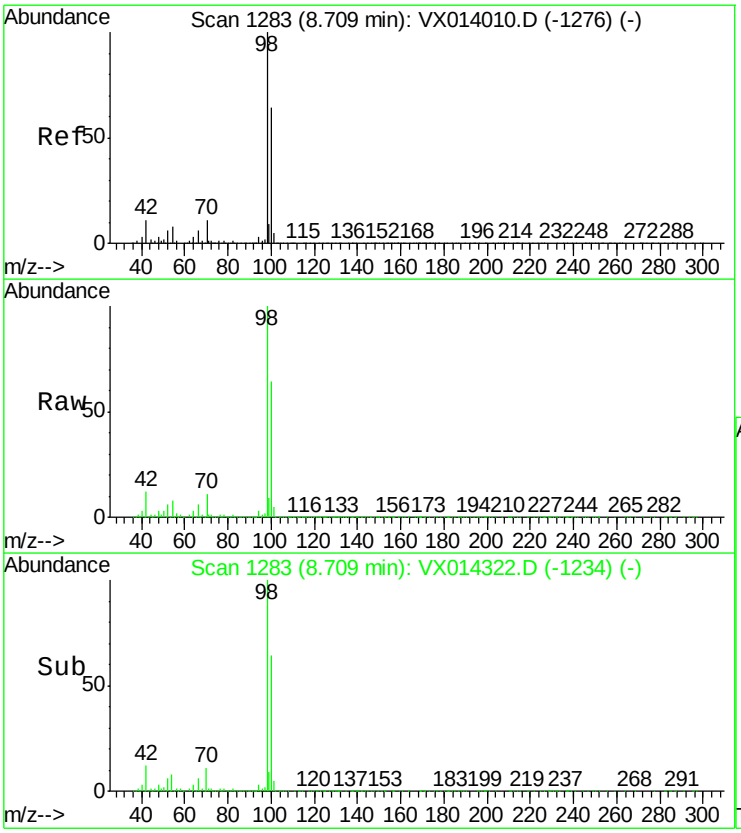
#49
1,4-Dioxane
Concen: 3.763 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. 0.02 min
Lab File: VX014322.D
Acq: 27 Dec 2019 20:24

Instrument :
MSVOA_X
ClientSampleId :
OW-2

Tgt Ion: 88 Resp: 489

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.5	39.7#
58	60.9	56.8	85.2

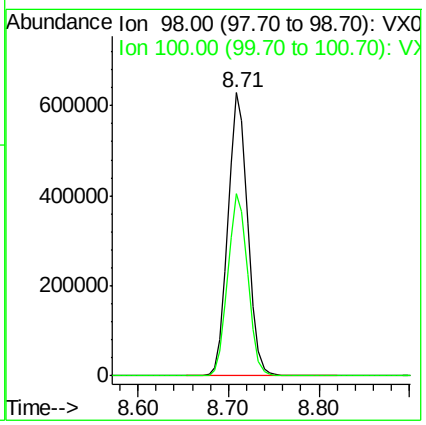


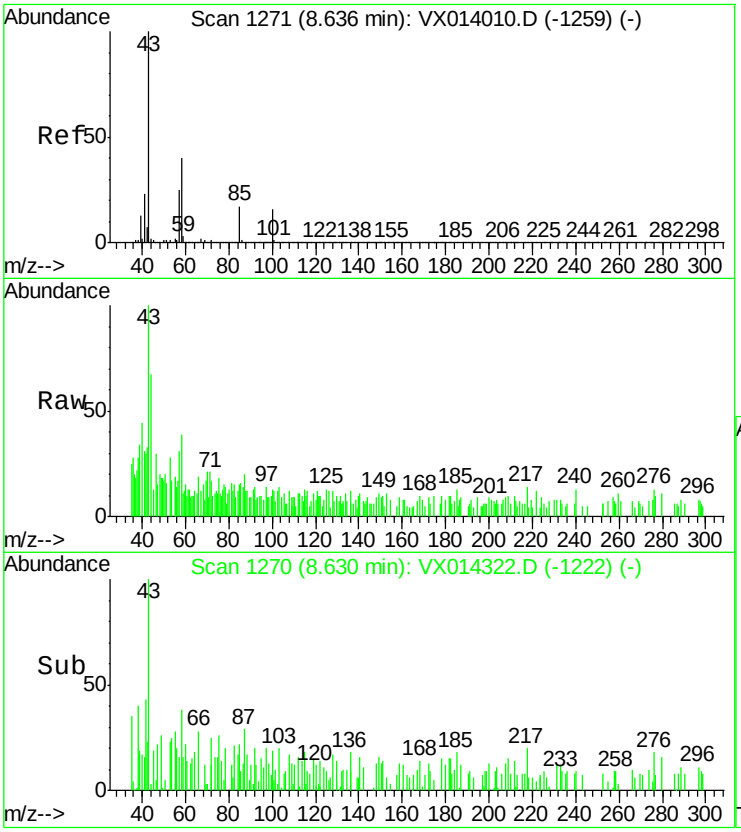


#50
Toluene-d8
Concen: 51.379 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014322.D
Acq: 27 Dec 2019 20:24

Tgt Ion: 98 Resp: 945753

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.9	79.3



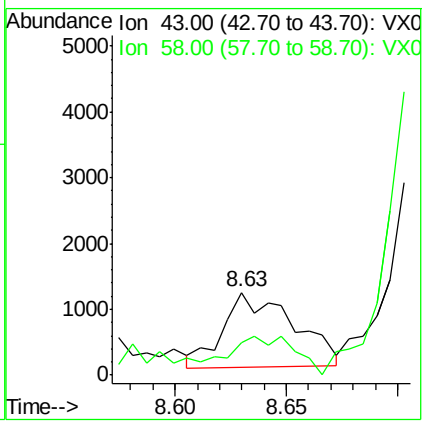


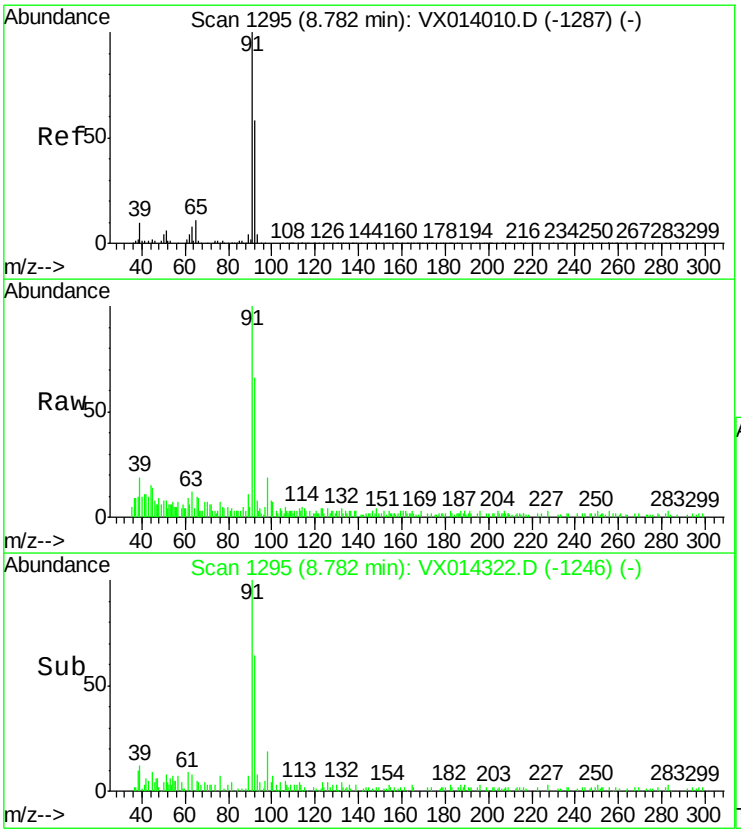
#51
4-Methyl-2-Pentanone
Concen: 0.309 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014322.D
Acq: 27 Dec 2019 20:24

Instrument :
MSVOA_X
ClientSampleId :
OW-2

Tgt Ion: 43 Resp: 2535

Ion	Ratio	Lower	Upper
43	100		
58	47.7	32.2	48.2

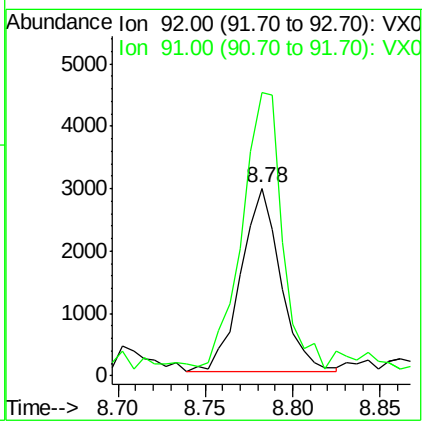


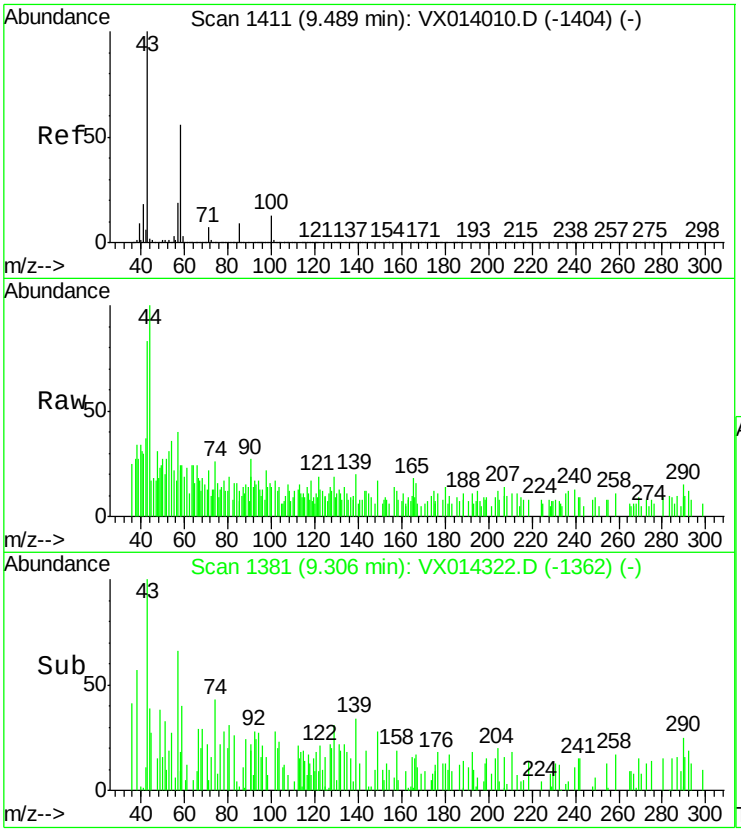


#52
Toluene
Concen: 0.335 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX014322.D
Acq: 27 Dec 2019 20:24

Tgt Ion: 92 Resp: 4648

Ion	Ratio	Lower	Upper
92	100		
91	153.2	136.2	204.4



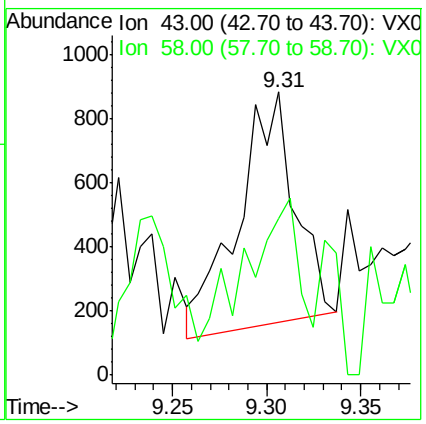


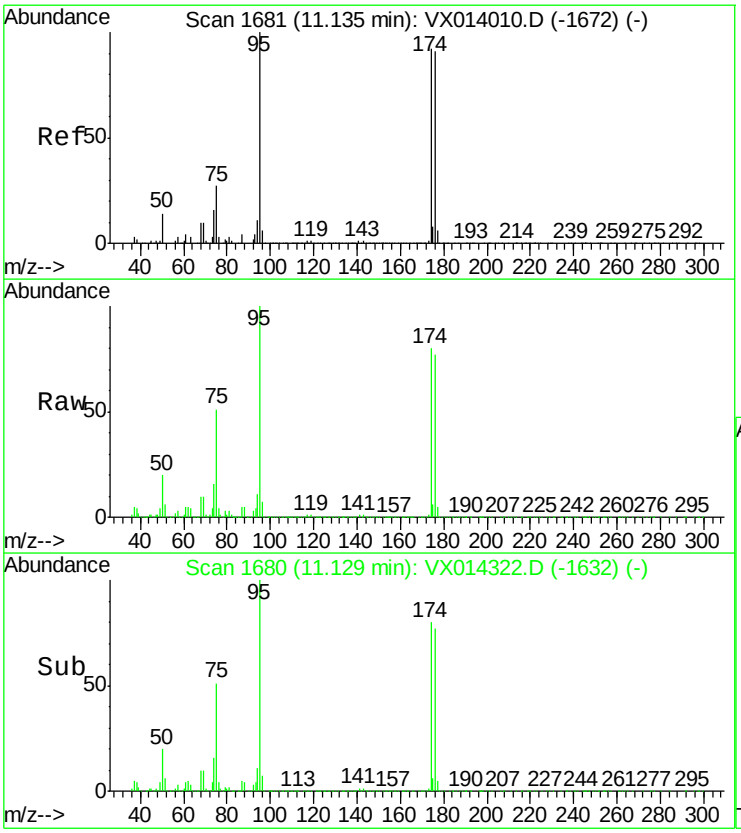
#59
2-Hexanone
Concen: 0.230 ug/l
RT: 9.31 min Scan# 1381
Delta R.T. -0.18 min
Lab File: VX014322.D
Acq: 27 Dec 2019 20:24

Instrument : MSVOA_X
ClientSampleId : OW-2

Tgt Ion: 43 Resp: 1518

Ion	Ratio	Lower	Upper
43	100		
58	57.2	28.0	84.0

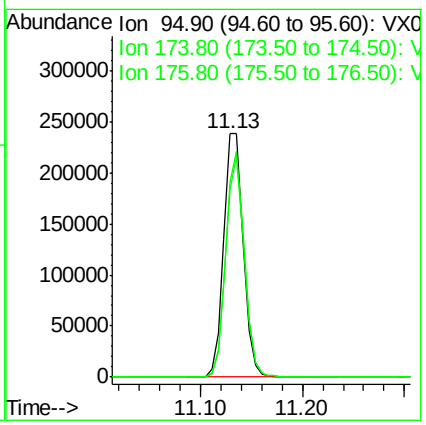


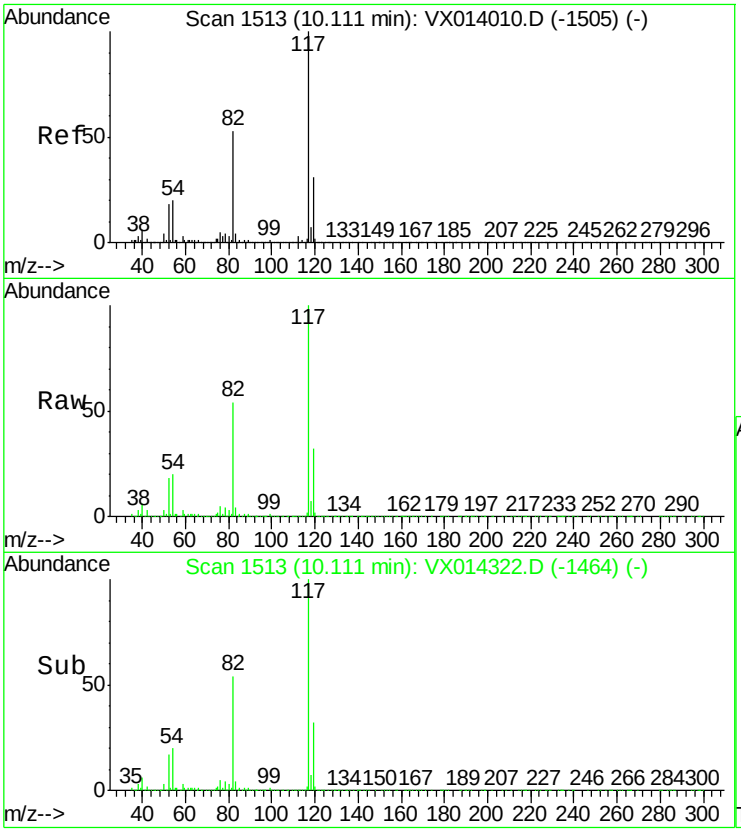


#62
4-Bromofluorobenzene
Concen: 46.883 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014322.D
Acq: 27 Dec 2019 20:24

Tgt Ion: 95 Resp: 315463

Ion	Ratio	Lower	Upper
95	100		
174	88.1	0.0	175.8
176	85.5	0.0	173.0



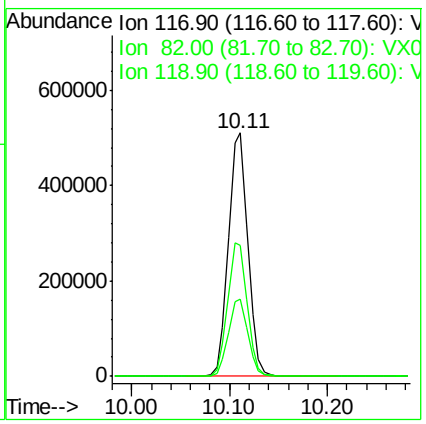


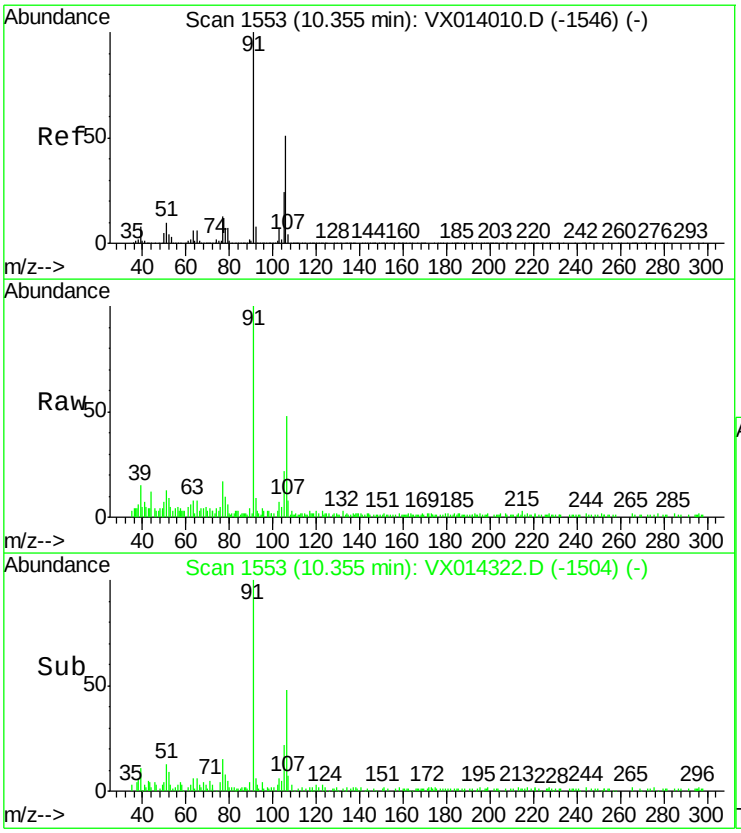
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014322.D
Acq: 27 Dec 2019 20:24

Instrument : MSVOA_X
ClientSampleId : OW-2

Tgt Ion:117 Resp: 703356

Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.2	63.4
119	31.7	25.1	37.7

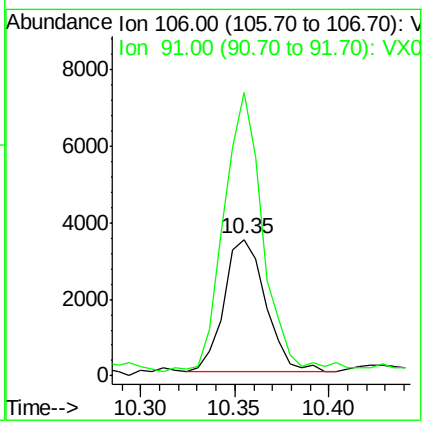


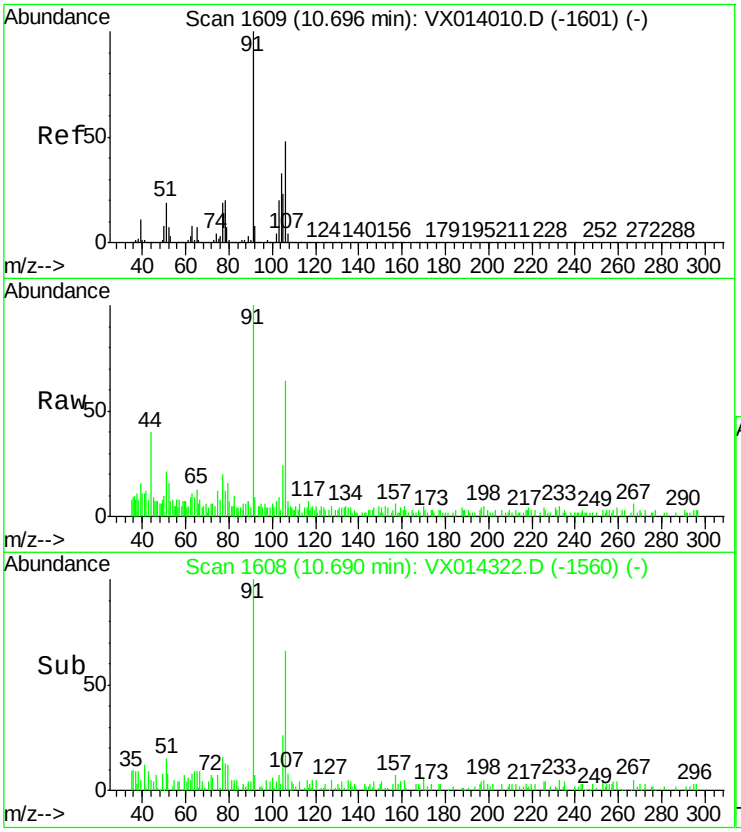


#68
m/p-Xylenes
Concen: 0.539 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014322.D
Acq: 27 Dec 2019 20:24

Tgt Ion:106 Resp: 5328

Ion	Ratio	Lower	Upper
106	100		
91	200.5	158.6	238.0



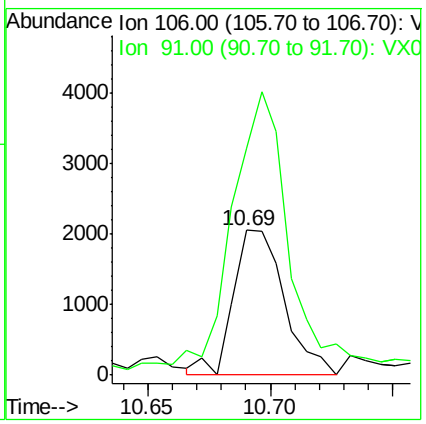


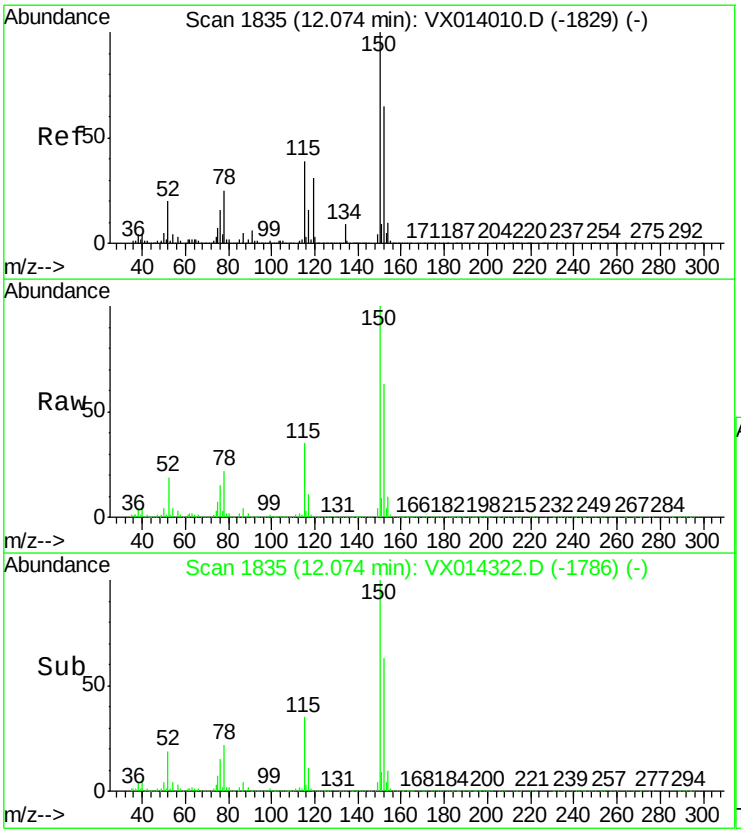
#69
o-Xylene
Concen: 0.307 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014322.D
Acq: 27 Dec 2019 20:24

Instrument : MSVOA_X
ClientSampleId : OW-2

Tgt Ion:106 Resp: 2979

Ion	Ratio	Lower	Upper
106	100		
91	217.1	104.2	312.6

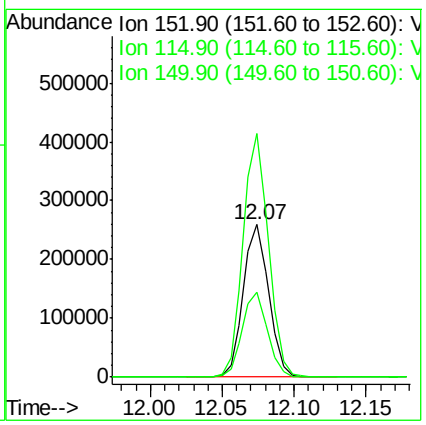


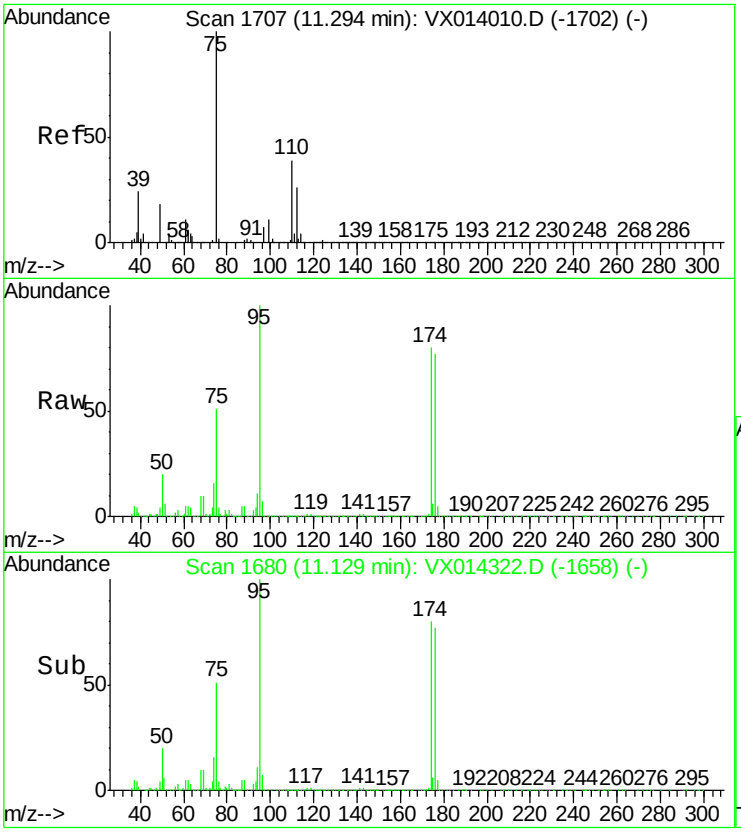


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014322.D
Acq: 27 Dec 2019 20:24

Tgt Ion:152 Resp: 314310

Ion	Ratio	Lower	Upper
152	100		
115	55.4	38.3	114.9
150	159.0	0.0	345.4



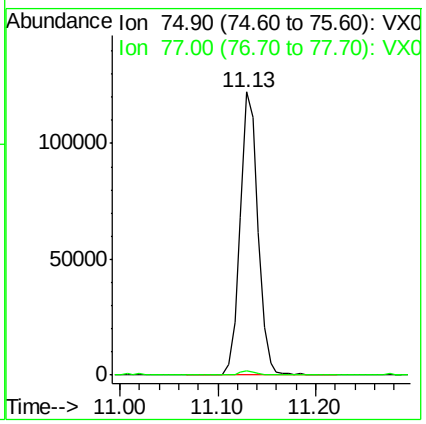


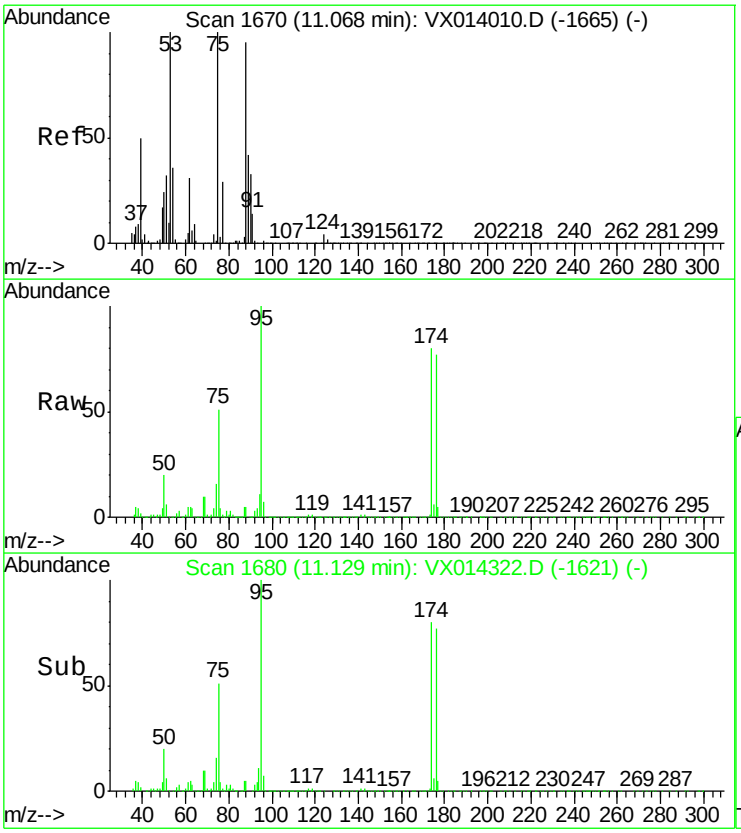
#76
1,2,3-Trichloropropane
Concen: 22.640 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX014322.D
Acq: 27 Dec 2019 20:24

Instrument :
MSVOA_X
ClientSampleId :
OW-2

Tgt Ion: 75 Resp: 154484

Ion	Ratio	Lower	Upper
75	100		
77	1.4	19.3	57.8#

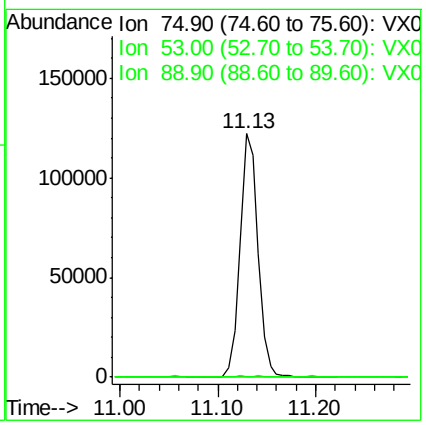


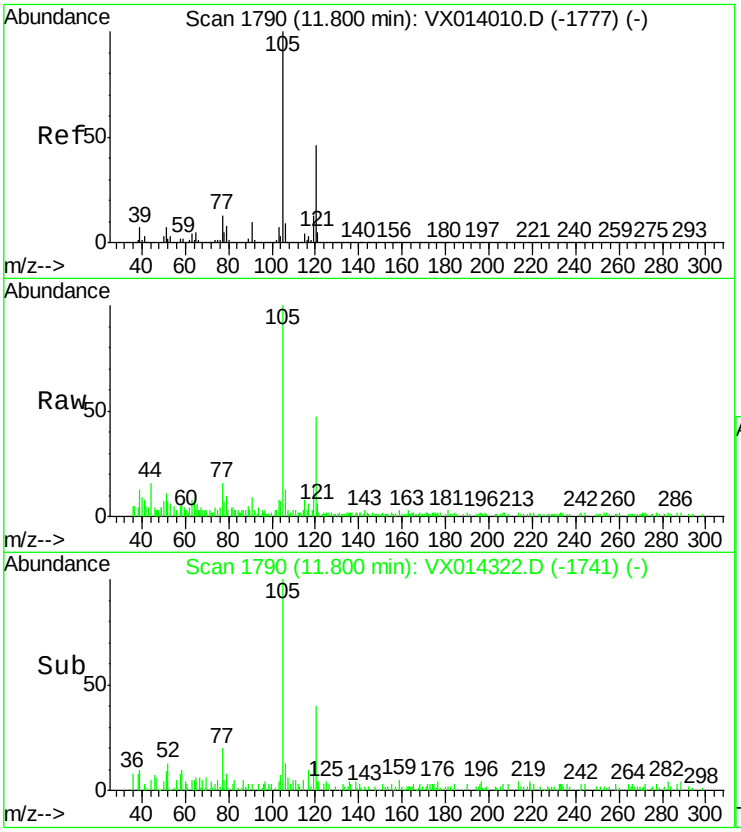


#81
trans-1,4-Dichloro-2-butene
Concen: 63.901 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX014322.D
Acq: 27 Dec 2019 20:24

Tgt Ion: 75 Resp: 154484

Ion	Ratio	Lower	Upper
75	100		
53	0.2	76.7	115.1#
89	0.3	34.6	51.8#



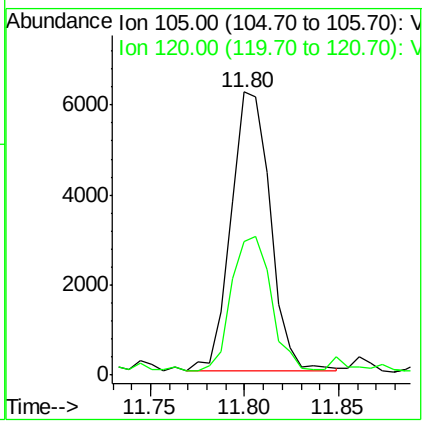


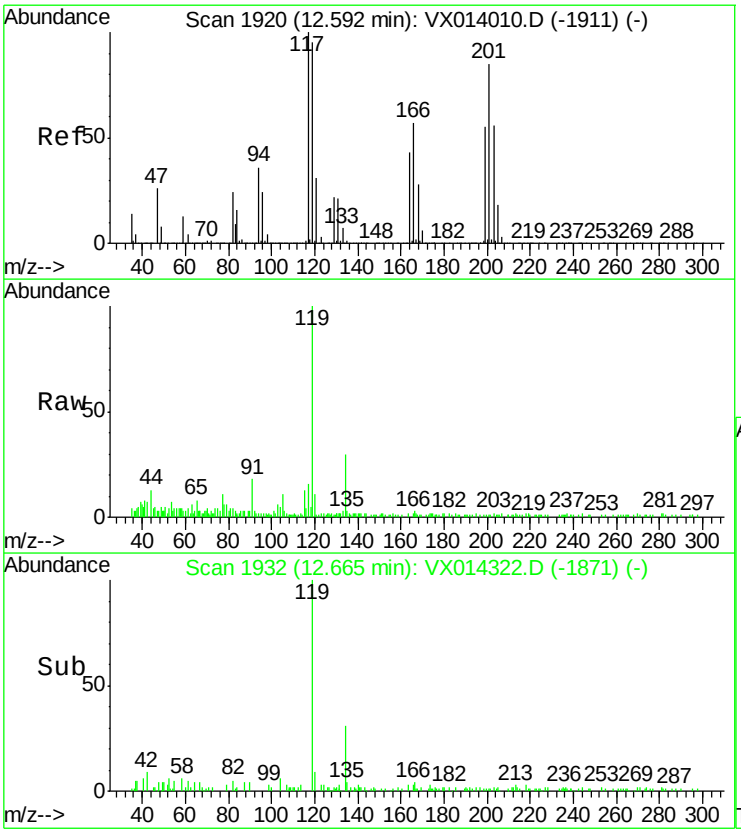
#84
1,2,4-Trimethylbenzene
Concen: 0.483 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014322.D
Acq: 27 Dec 2019 20:24

Instrument :
MSVOA_X
ClientSampleId :
OW-2

Tgt Ion:105 Resp: 9002

Ion	Ratio	Lower	Upper
105	100		
120	48.9	23.1	69.2

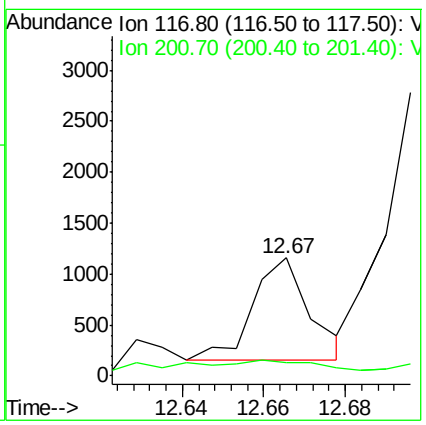


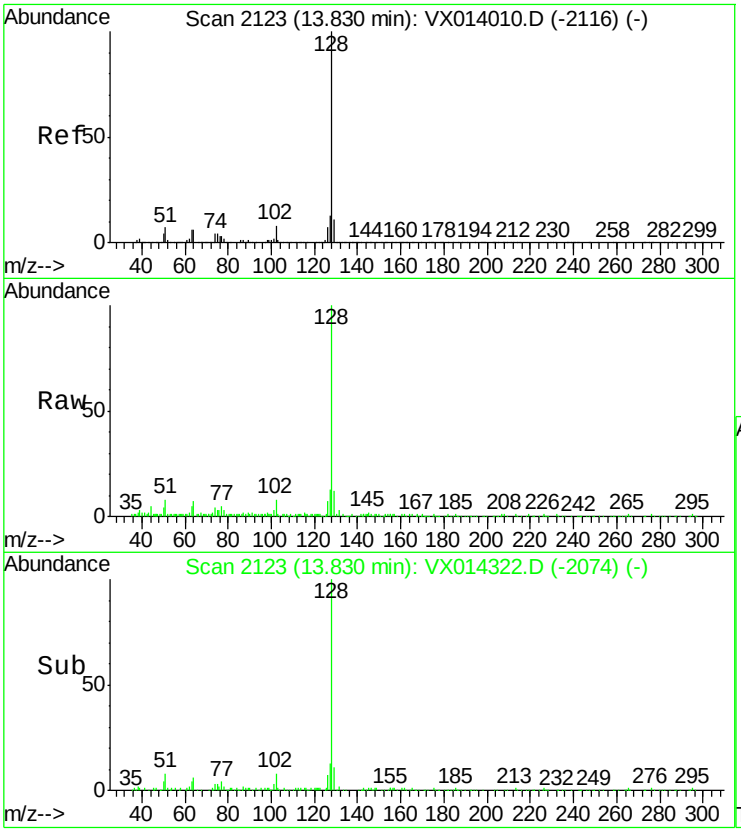


#90
Hexachloroethane
Concen: 0.280 ug/l
RT: 12.67 min Scan# 1932
Delta R.T. 0.07 min
Lab File: VX014322.D
Acq: 27 Dec 2019 20:24

Tgt Ion:117 Resp: 983

Ion	Ratio	Lower	Upper
117	100		
201	41.6	43.1	129.3#





#95
Naphthalene
Concen: 1.406 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014322.D
Acq: 27 Dec 2019 20:24

Instrument :
MSVOA_X
ClientSampleId :
OW-2

Tgt Ion:128 Resp: 28850

Ion	Ratio	Lower	Upper
128	100		
127	17.1	10.2	15.4#
129	14.0	8.7	13.1#