Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092019\
Data File : VX012591.D
Acq On : 21 Sep 2019 05:12
Operator : JC/SP
Sample : K4978-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : Z2-0165

Quant Time: Sep 21 06:38:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	182964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	291478	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	241818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	96532	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	121305	46.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.52%			
35) Dibromofluoromethane	5.48	113	87362	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.04%			
50) Toluene-d8	8.71	98	331384	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.50%			
62) 4-Bromofluorobenzene	11.14	95	115561	42.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.24%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	50	0.432	ug/l #	43
4) Vinyl Chloride	1.40	62	415	0.382	ug/l #	85
5) Bromomethane	1.64	94	365	0.855	ug/l #	44
6) Chloroethane	1.92	64	487	0.572	ug/l #	60
10) Methyl Iodide	2.50	142	60	4.486	ug/l #	1
11) Tert butyl alcohol	3.03	59	3053	Below Cal		99
13) Acrolein	2.29	56	78	Below Cal	#	1
14) Allyl chloride	2.84	41	2175	0.812	ug/l #	83
16) Acetone	2.43	43	2313	Below Cal	#	89
17) Carbon Disulfide	2.56	76	447	2.071	ug/l #	75
18) Methyl Acetate	2.84	43	4408	1.613	ug/l #	54
25) 2-Butanone	4.66	43	436	0.240	ug/l #	51
29) Tetrahydrofuran	5.14	42	253	0.252	ug/l #	54
31) Cyclohexane	5.57	56	2771	1.530	ug/l #	74
36) 1,1-Dichloropropene	5.65	75	15284	8.628	ug/l #	53
38) Carbon Tetrachloride	5.65	117	19282	8.752	ug/l #	16
40) Benzene	6.14	78	40106	7.120	ug/l	95
42) 1,2-Dichloroethane	6.20	62	530	0.203	ug/l	87
49) 1,4-Dioxane	7.65	88	20	0.357	ug/l #	22
59) 2-Hexanone	9.51	43	1201	0.481	ug/l	85
67) Ethyl Benzene	10.25	91	2958	0.431	ug/l	97
68) m/p-Xylenes	10.35	106	674	0.270	ug/l	83
73) Isopropylbenzene	11.01	105	4368	0.721	ug/l	98
76) 1,2,3-Trichloropropane	11.14	75	59507	26.836	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	59507	72.209	ug/l #	8

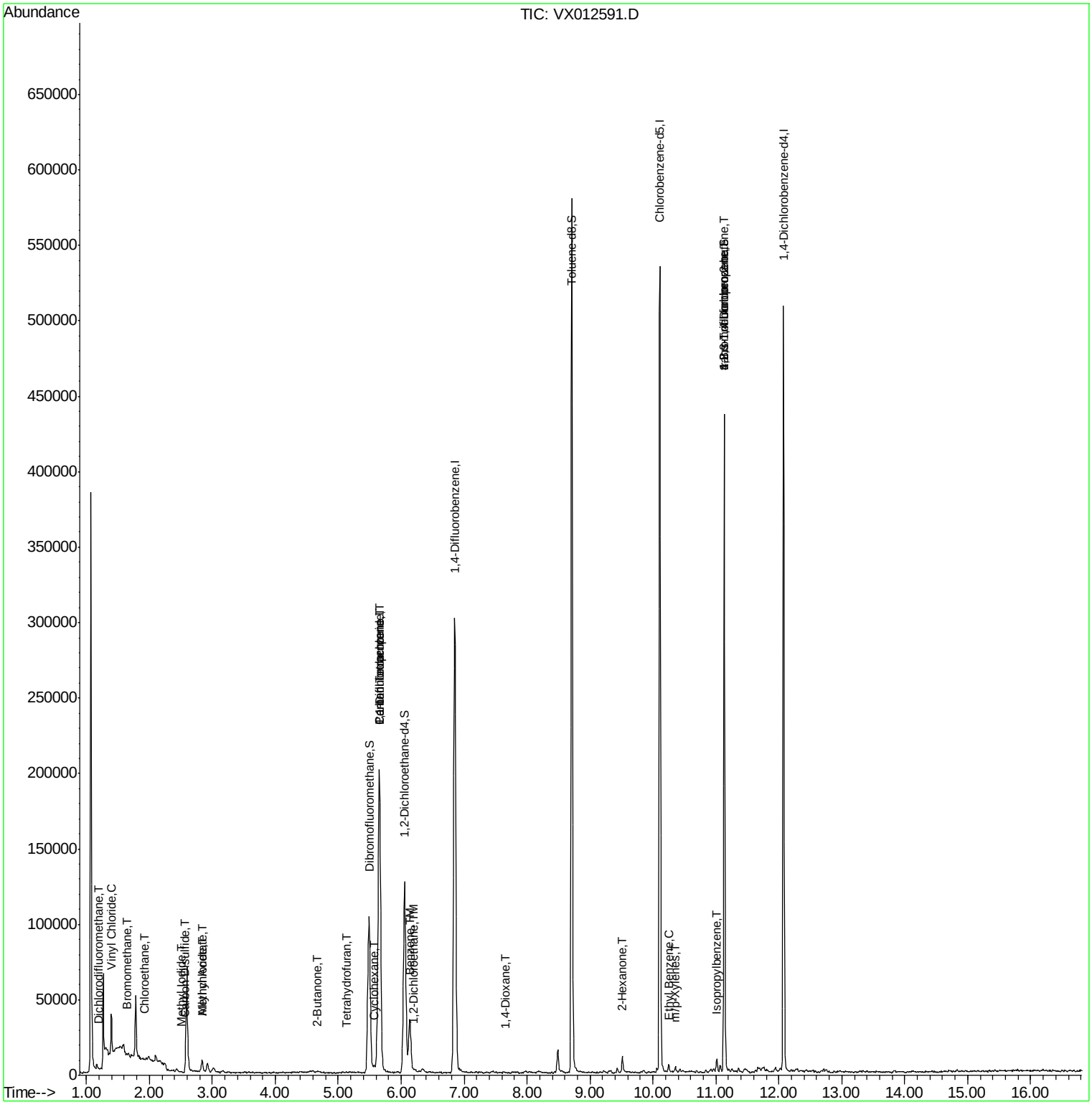
(#) = qualifier out of range (m) = manual integration (+) = signals summed

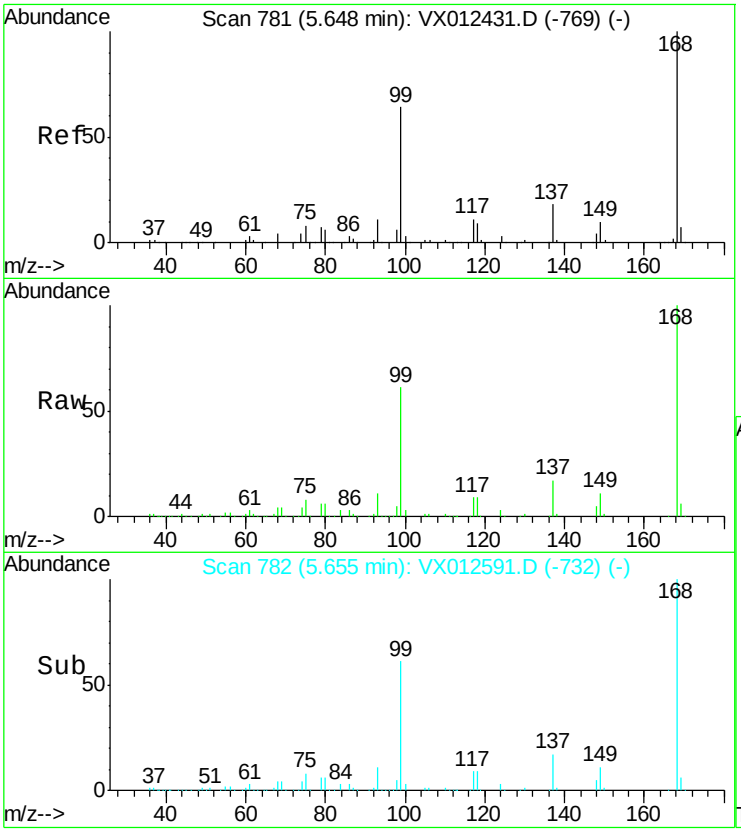
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092019\
Data File : VX012591.D
Acq On : 21 Sep 2019 05:12
Operator : JC/SP
Sample : K4978-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Z2-0165

Quant Time: Sep 21 06:38:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration



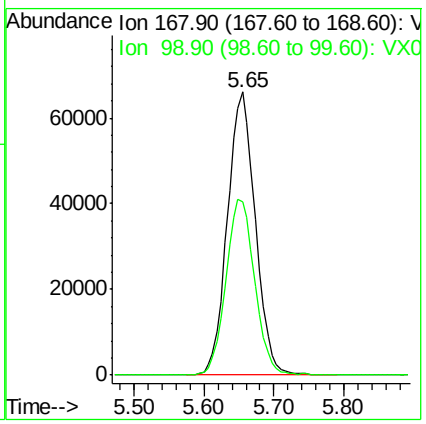


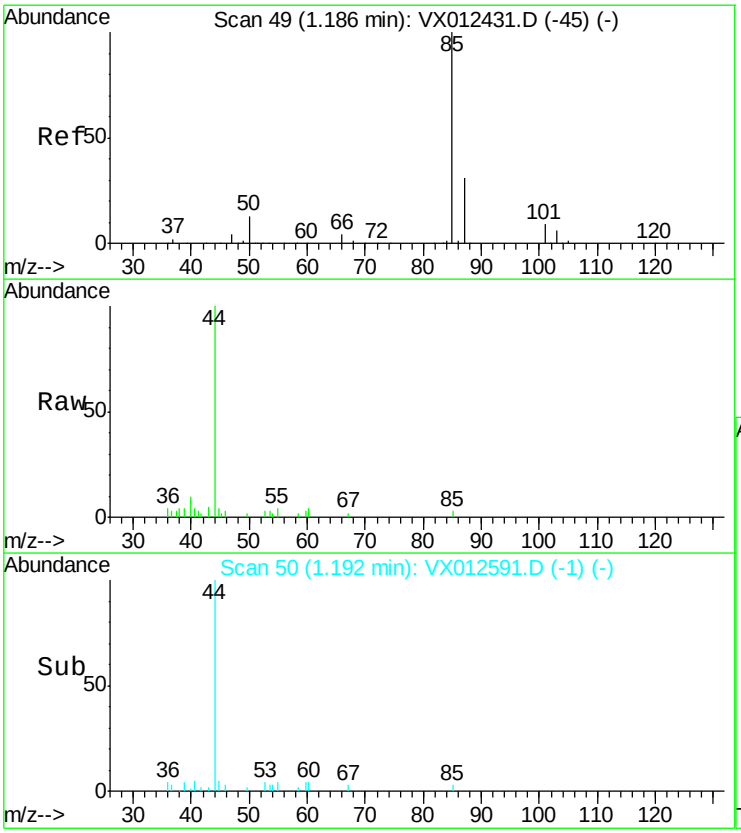
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012591.D
Acq: 21 Sep 2019 05:12

Instrument :
MSVOA_X
ClientSampleId :
Z2-0165

Tgt Ion:168 Resp: 182964

Ion	Ratio	Lower	Upper
168	100		
99	61.1	51.4	77.2

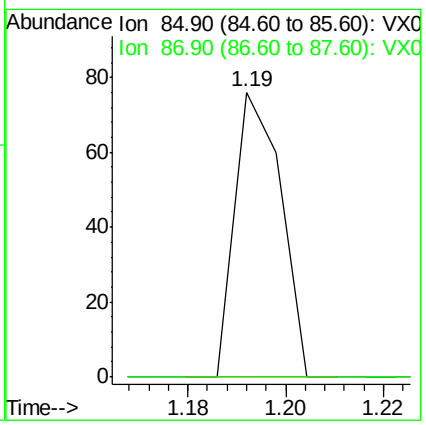


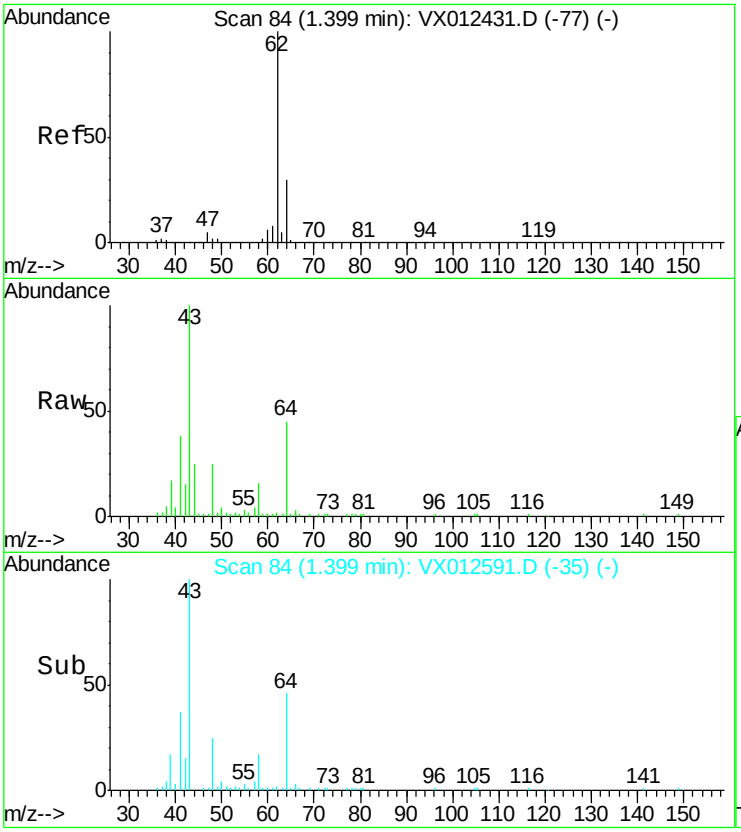


#2
Dichlorodifluoromethane
Concen: 0.432 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX012591.D
Acq: 21 Sep 2019 05:12

Tgt Ion: 85 Resp: 50

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.6	46.8#



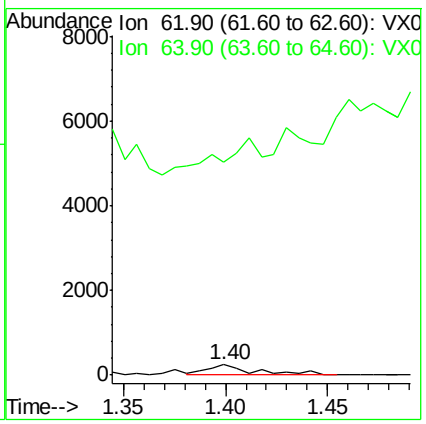


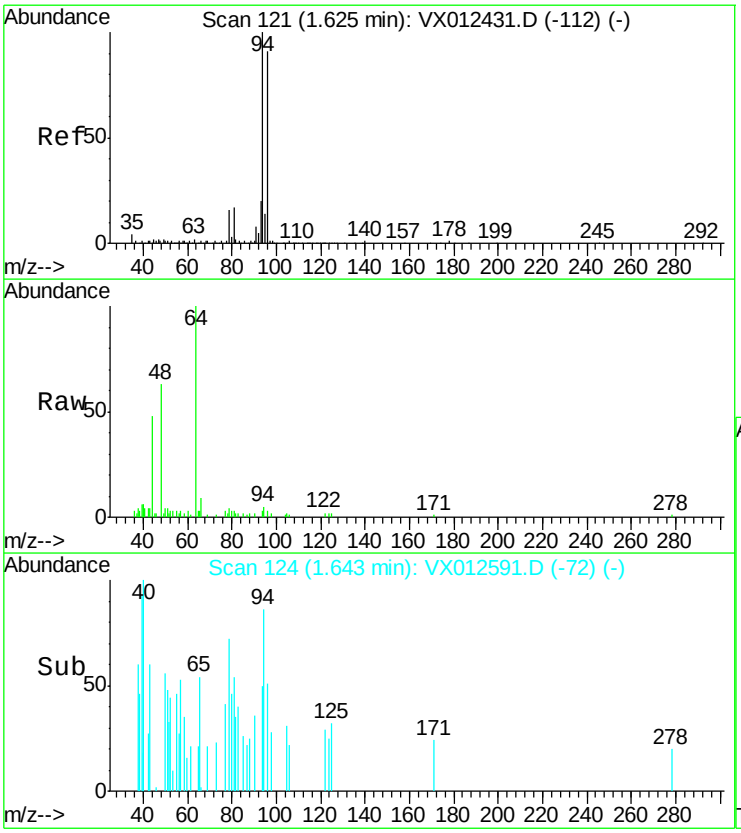
#4
Vinyl Chloride
Concen: 0.382 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX012591.D
Acq: 21 Sep 2019 05:12

Instrument :
MSVOA_X
ClientSampleId :
Z2-0165

Tgt Ion: 62 Resp: 415

Ion	Ratio	Lower	Upper
62	100		
64	38.3	24.2	36.2#

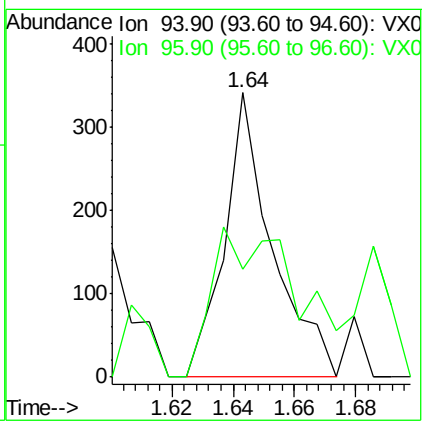


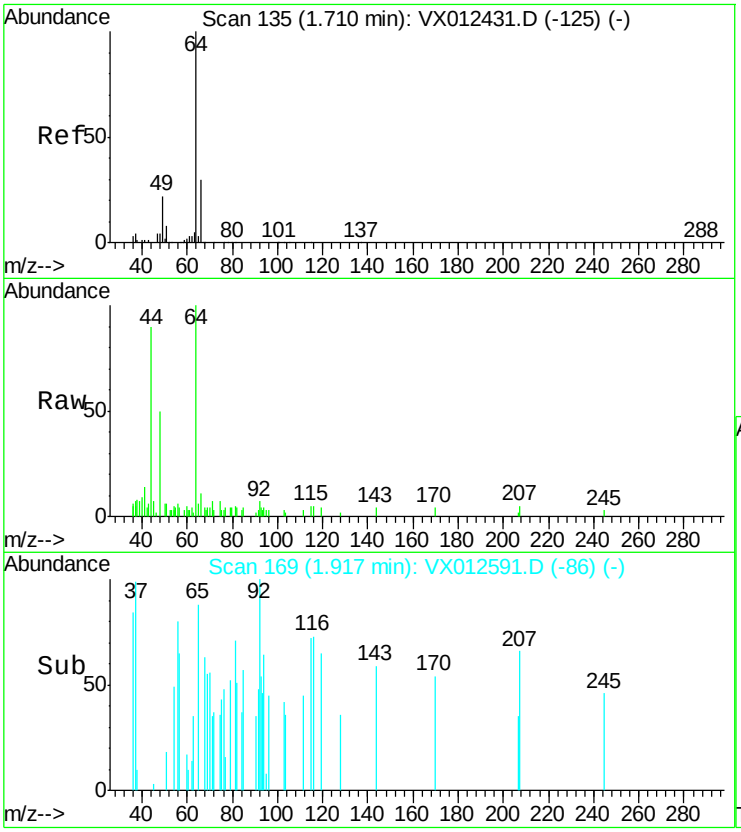


#5
Bromomethane
Concen: 0.855 ug/l
RT: 1.64 min Scan# 124
Delta R.T. 0.02 min
Lab File: VX012591.D
Acq: 21 Sep 2019 05:12

Tgt Ion: 94 Resp: 365

Ion	Ratio	Lower	Upper
94	100		
96	37.5	72.8	109.2#



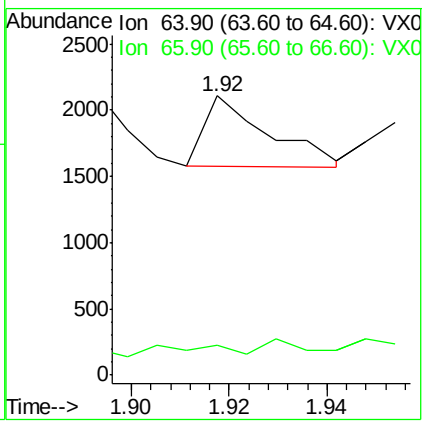


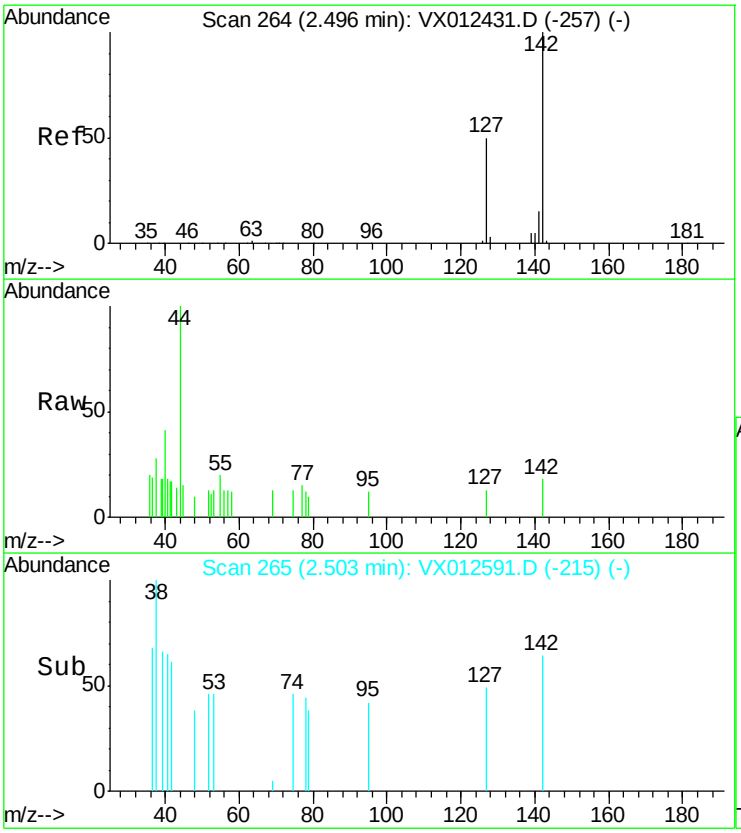
#6
Chloroethane
Concen: 0.572 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.21 min
Lab File: VX012591.D
Acq: 21 Sep 2019 05:12

Instrument :
MSVOA_X
ClientSampleId :
Z2-0165

Tgt Ion: 64 Resp: 487

Ion	Ratio	Lower	Upper
64	100		
66	8.1	24.0	36.0#

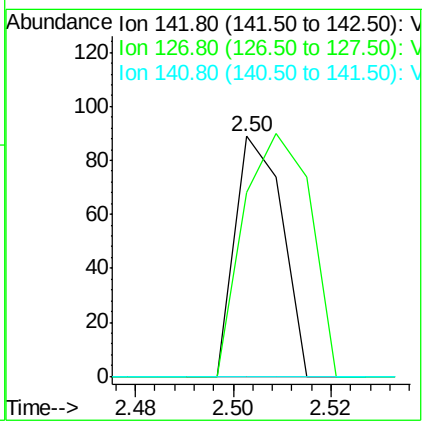


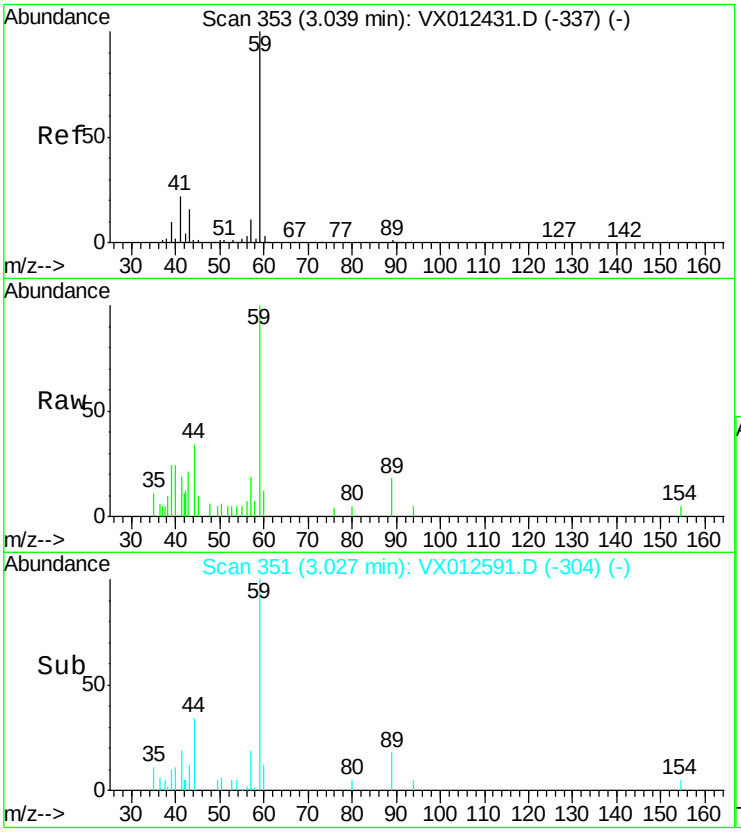


#10
Methyl Iodide
Concen: 4.486 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX012591.D
Acq: 21 Sep 2019 05:12

Tgt Ion:142 Resp: 60

Ion	Ratio	Lower	Upper
142	100		
127	141.7	40.8	61.2#
141	0.0	12.1	18.1#



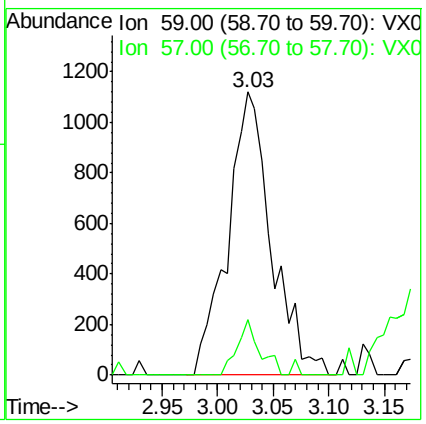


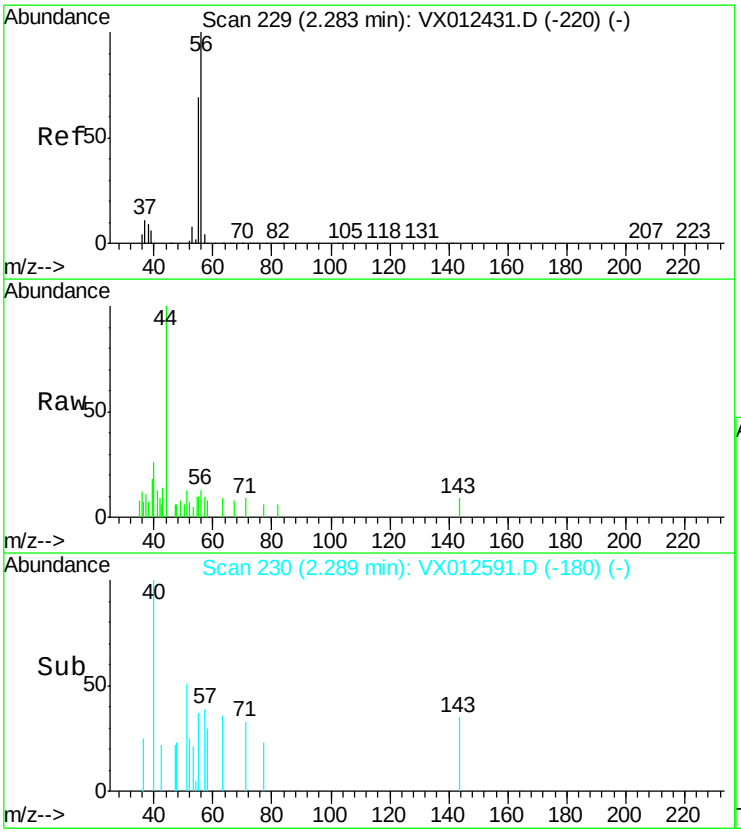
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012591.D
Acq: 21 Sep 2019 05:12

Instrument :
MSVOA_X
ClientSampleId :
Z2-0165

Tgt Ion: 59 Resp: 3053

Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.3	12.5

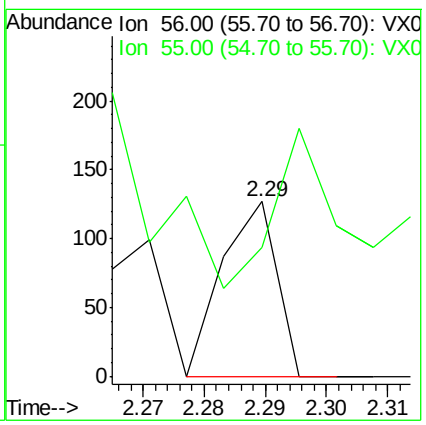


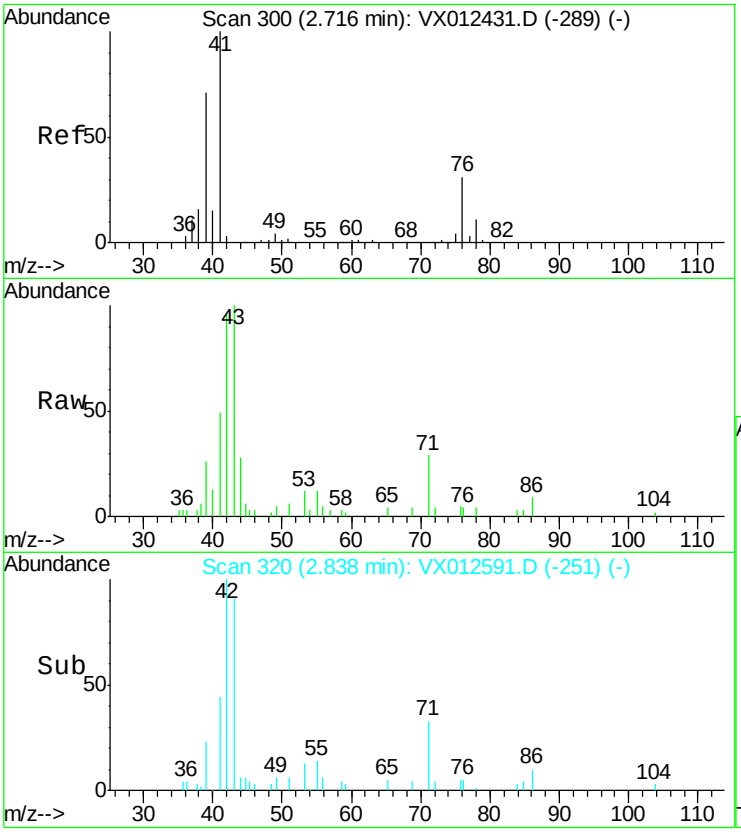


#13
Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX012591.D
Acq: 21 Sep 2019 05:12

Tgt Ion: 56 Resp: 78

Ion	Ratio	Lower	Upper
56	100		
55	282.1	55.8	83.8#



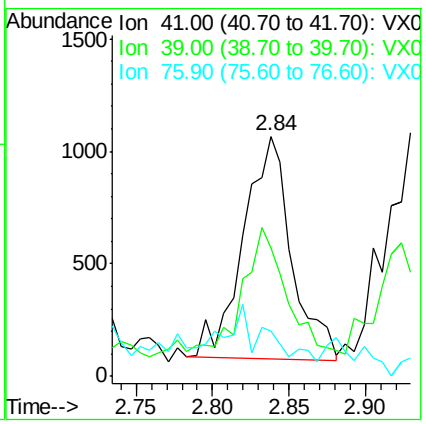


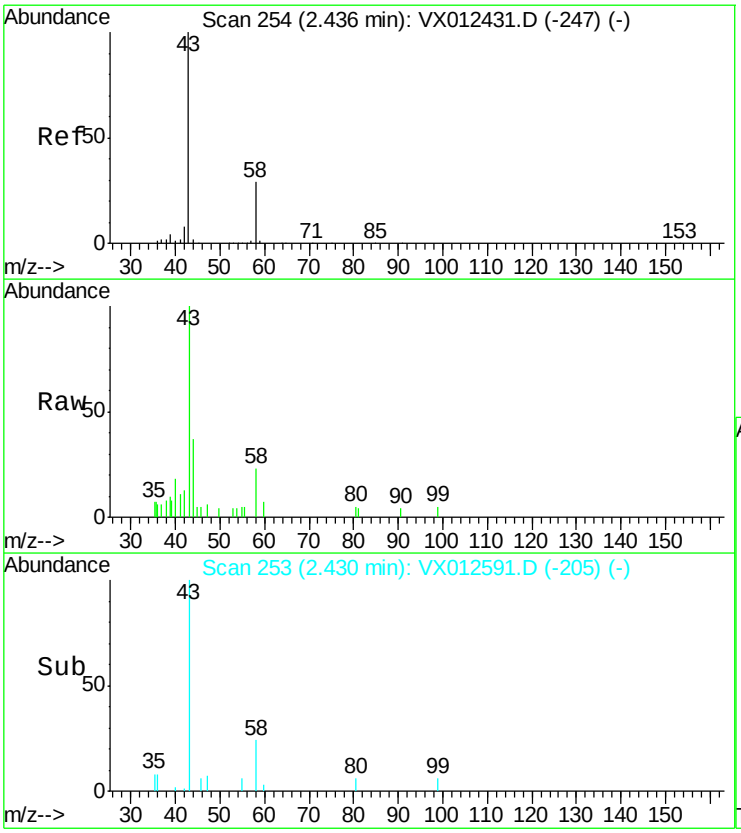
#14
Allyl chloride
Concen: 0.812 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.12 min
Lab File: VX012591.D
Acq: 21 Sep 2019 05:12

Instrument : MSVOA_X
ClientSampleId : Z2-0165

Tgt Ion: 41 Resp: 2175

Ion	Ratio	Lower	Upper
41	100		
39	50.2	51.3	76.9#
76	20.5	22.6	33.8#

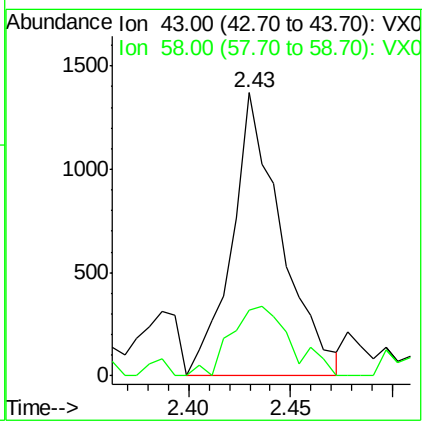


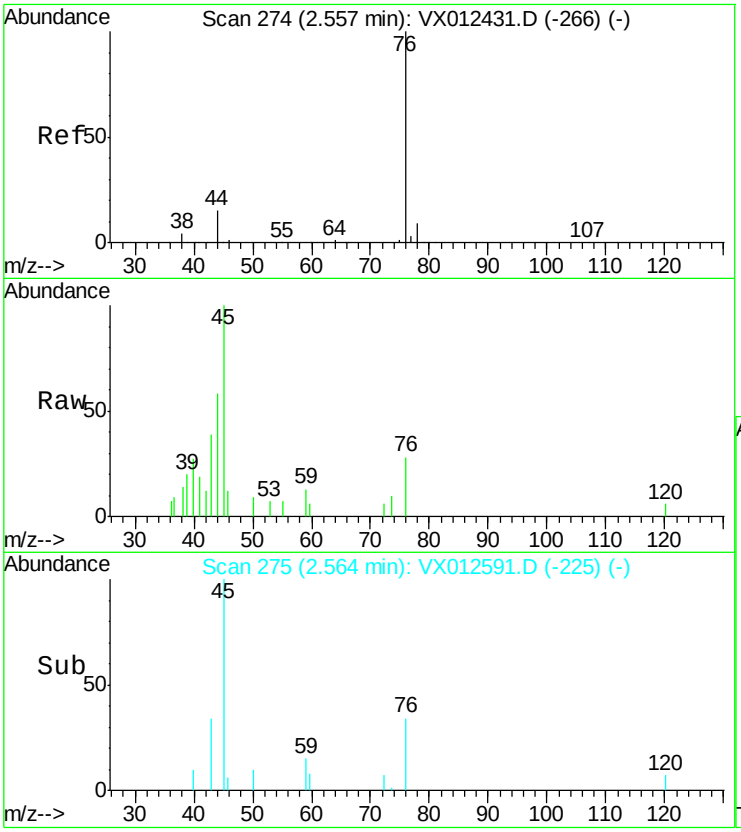


#16
Acetone
Concen: Below Cal
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX012591.D
Acq: 21 Sep 2019 05:12

Tgt Ion: 43 Resp: 2313

Ion	Ratio	Lower	Upper
43	100		
58	23.1	23.3	34.9#



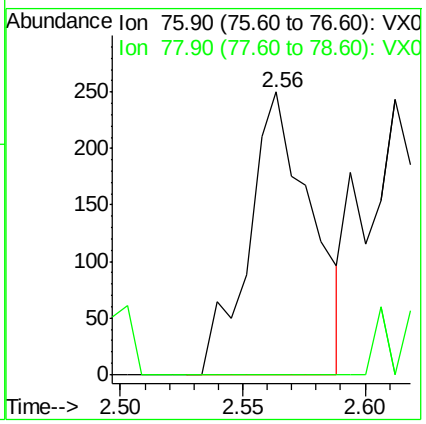


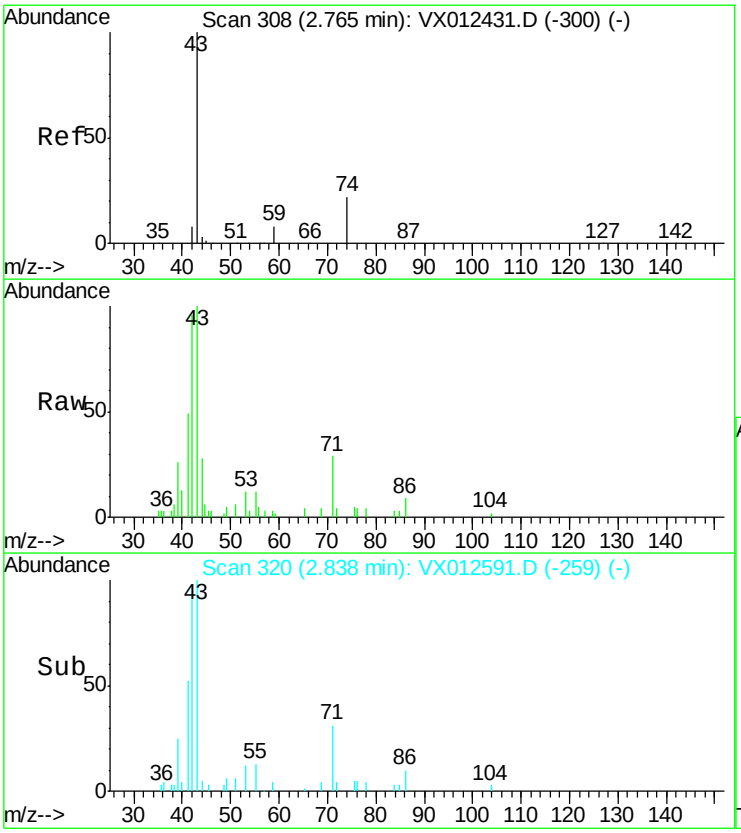
#17
Carbon Disulfide
Concen: 2.071 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX012591.D
Acq: 21 Sep 2019 05:12

Instrument :
MSVOA_X
ClientSampleId :
Z2-0165

Tgt Ion: 76 Resp: 447

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.3	10.9#

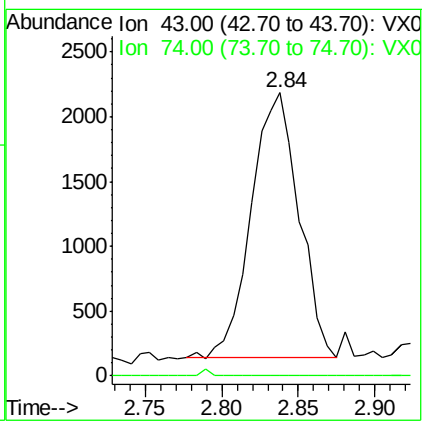


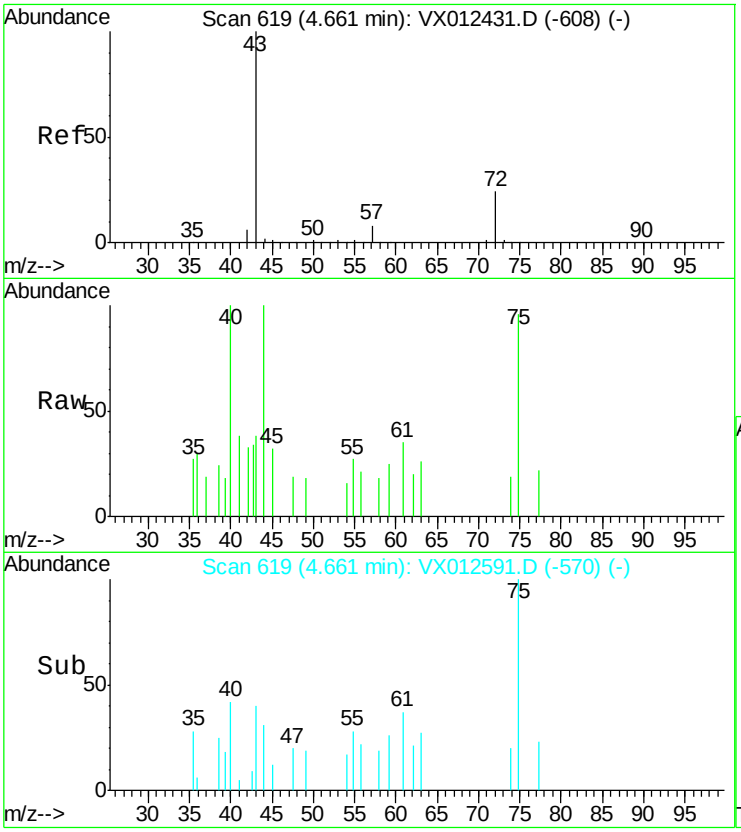


#18
Methyl Acetate
Concen: 1.613 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.07 min
Lab File: VX012591.D
Acq: 21 Sep 2019 05:12

Tgt Ion: 43 Resp: 4408

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.7	26.5#



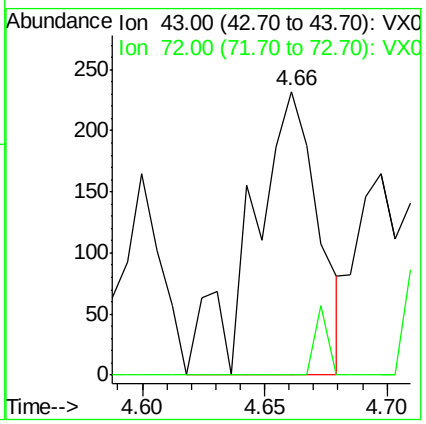


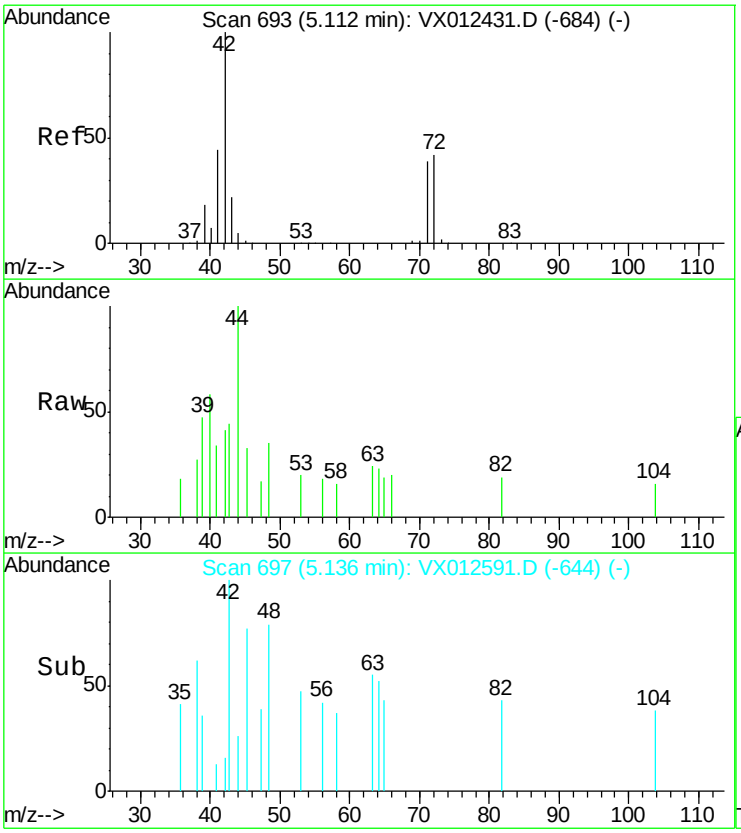
#25
2-Butanone
Concen: 0.240 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.00 min
Lab File: VX012591.D
Acq: 21 Sep 2019 05:12

Instrument :
MSVOA_X
ClientSampleId :
Z2-0165

Tgt Ion: 43 Resp: 436

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.2	28.8#

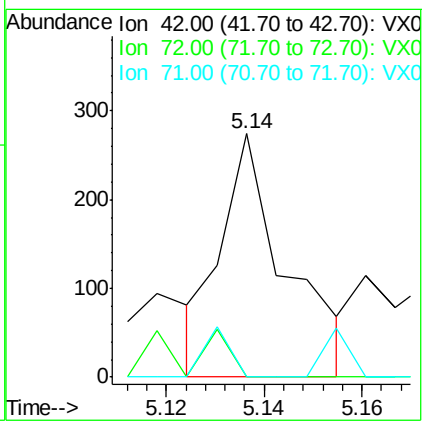


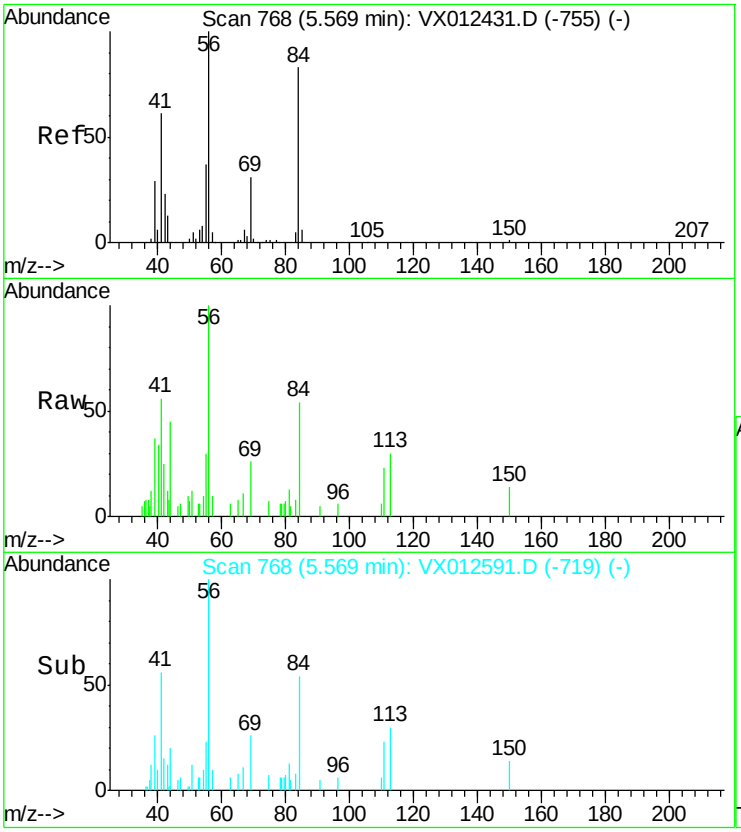


#29
Tetrahydrofuran
Concen: 0.252 ug/l
RT: 5.14 min Scan# 697
Delta R.T. 0.02 min
Lab File: VX012591.D
Acq: 21 Sep 2019 05:12

Tgt Ion: 42 Resp: 253

Ion	Ratio	Lower	Upper
42	100		
72	15.4	34.0	51.0#
71	8.3	31.5	47.3#



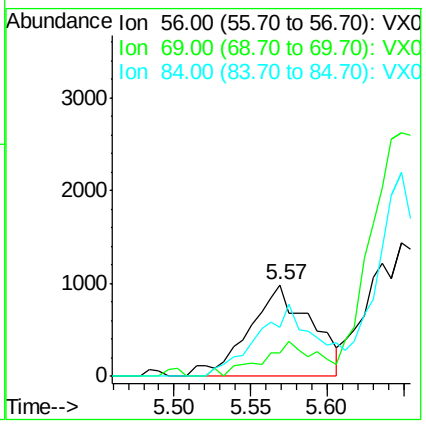


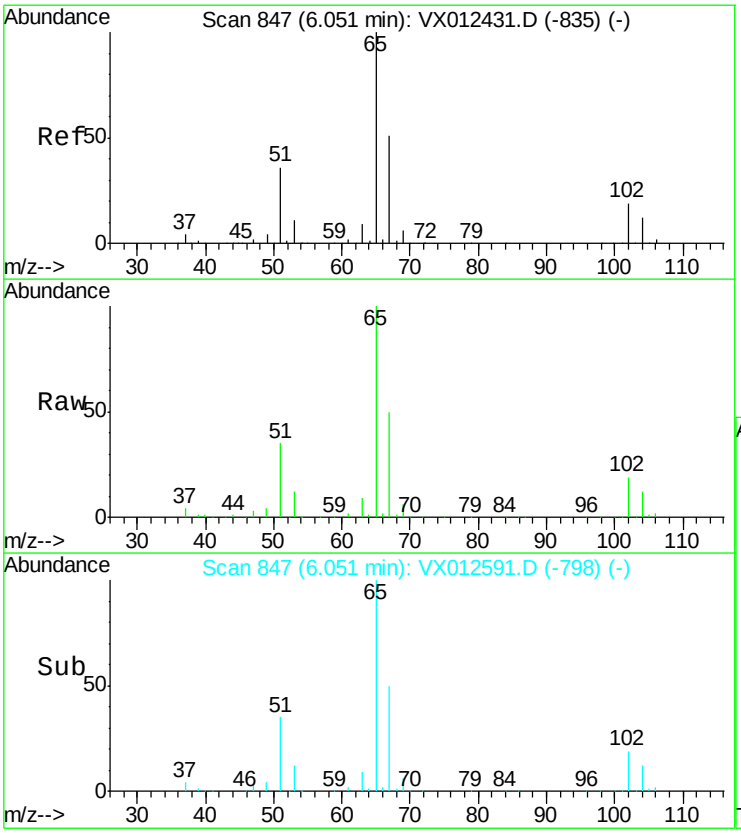
#31
Cyclohexane
Concen: 1.530 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012591.D
Acq: 21 Sep 2019 05:12

Instrument :
MSVOA_X
ClientSampleId :
Z2-0165

Tgt Ion: 56 Resp: 2771

Ion	Ratio	Lower	Upper
56	100		
69	25.8	25.0	37.6
84	54.0	66.4	99.6#

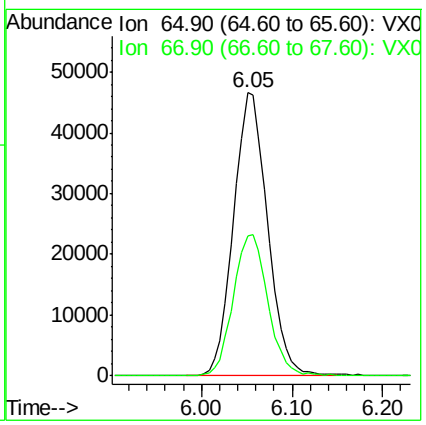


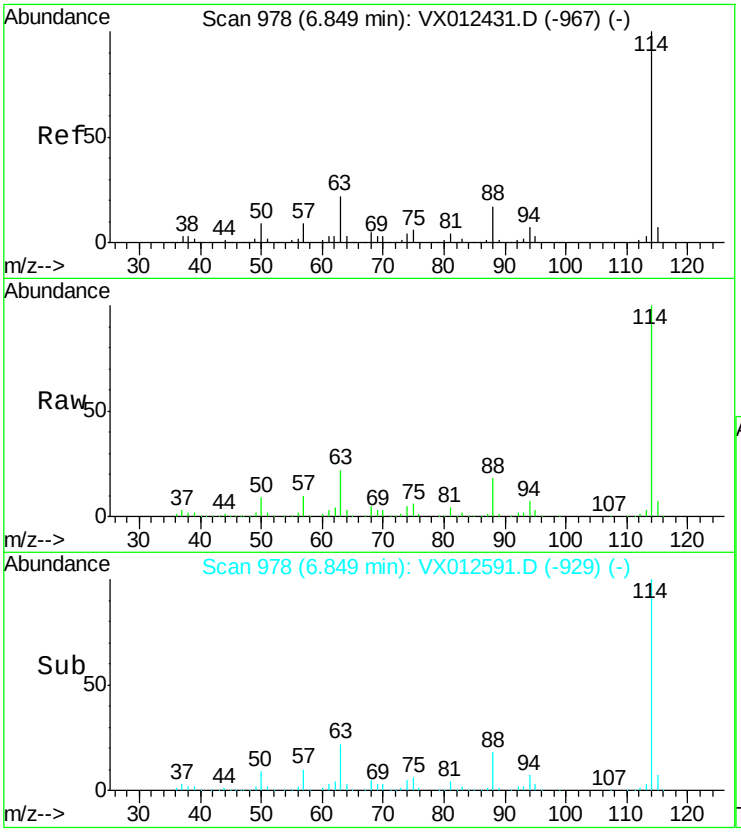


#33
1,2-Dichloroethane-d4
Concen: 46.260 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012591.D
Acq: 21 Sep 2019 05:12

Tgt Ion: 65 Resp: 121305

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	101.2



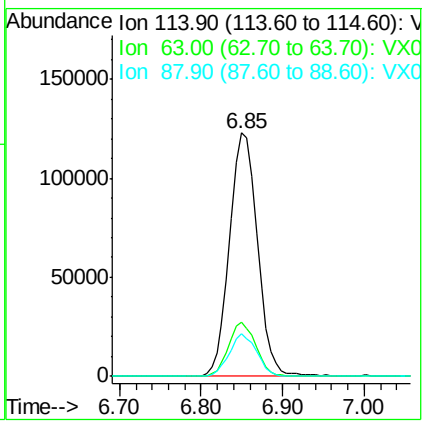


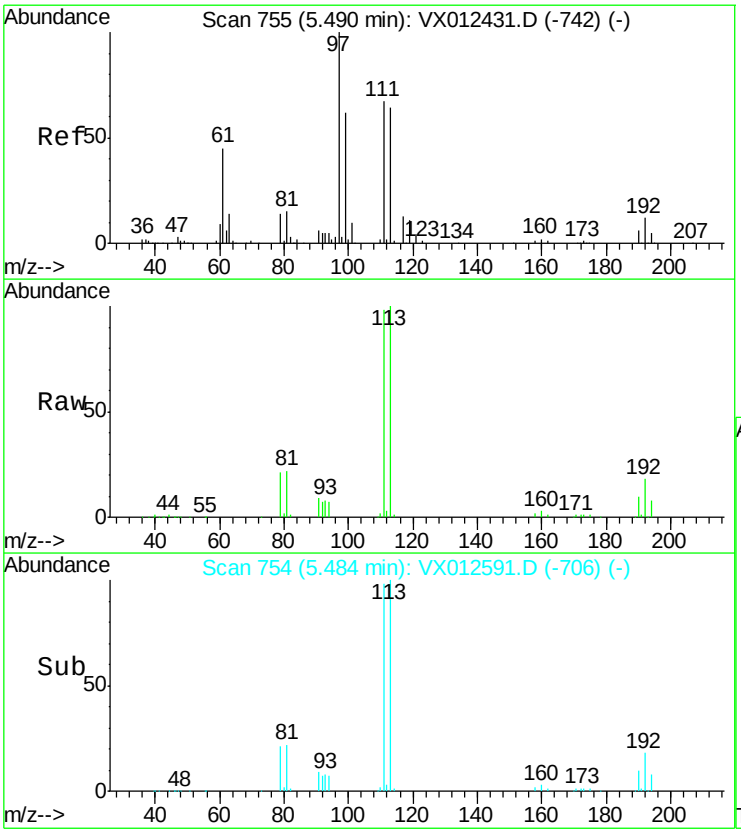
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012591.D
Acq: 21 Sep 2019 05:12

Instrument :
MSVOA_X
ClientSampleId :
Z2-0165

Tgt Ion:114 Resp: 291478

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	43.2
88	17.7	0.0	33.2

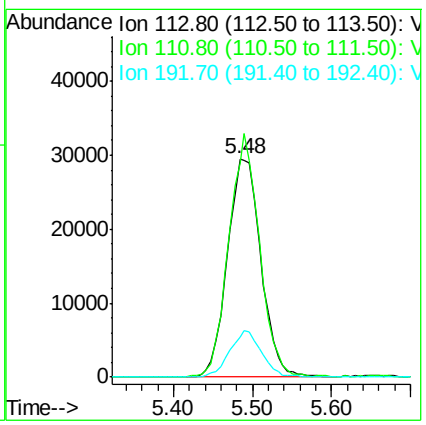


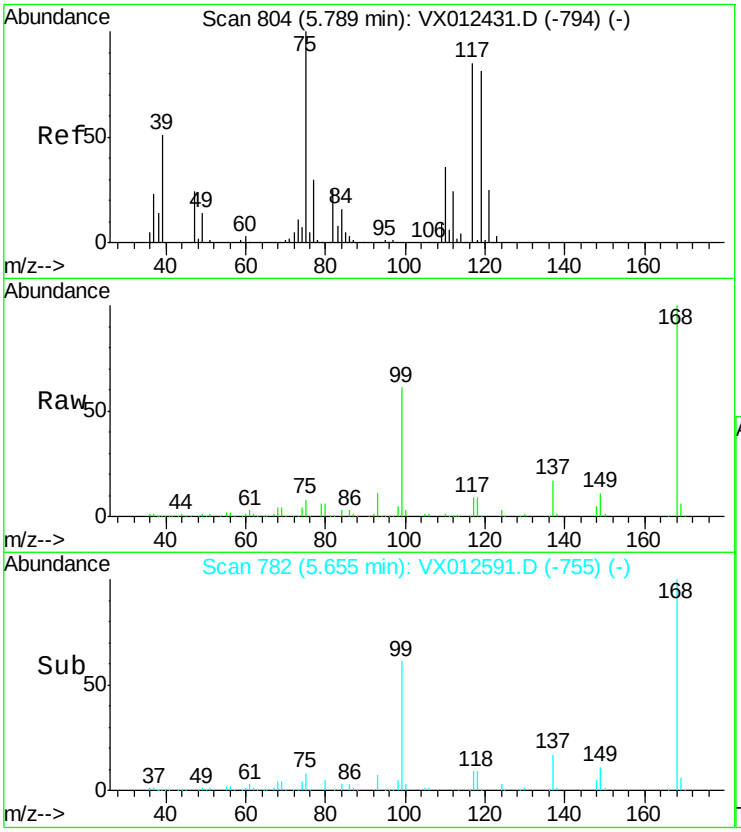


#35
Dibromofluoromethane
Concen: 49.519 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012591.D
Acq: 21 Sep 2019 05:12

Tgt Ion:113 Resp: 87362

Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.4	125.2
192	20.0	14.4	21.6



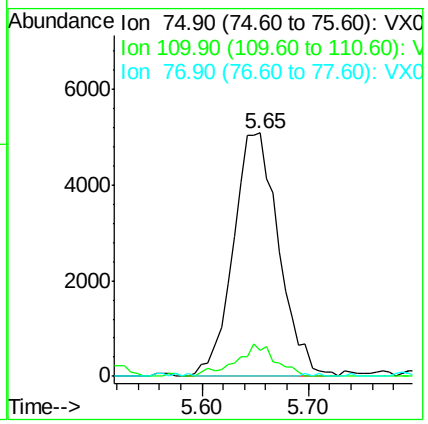


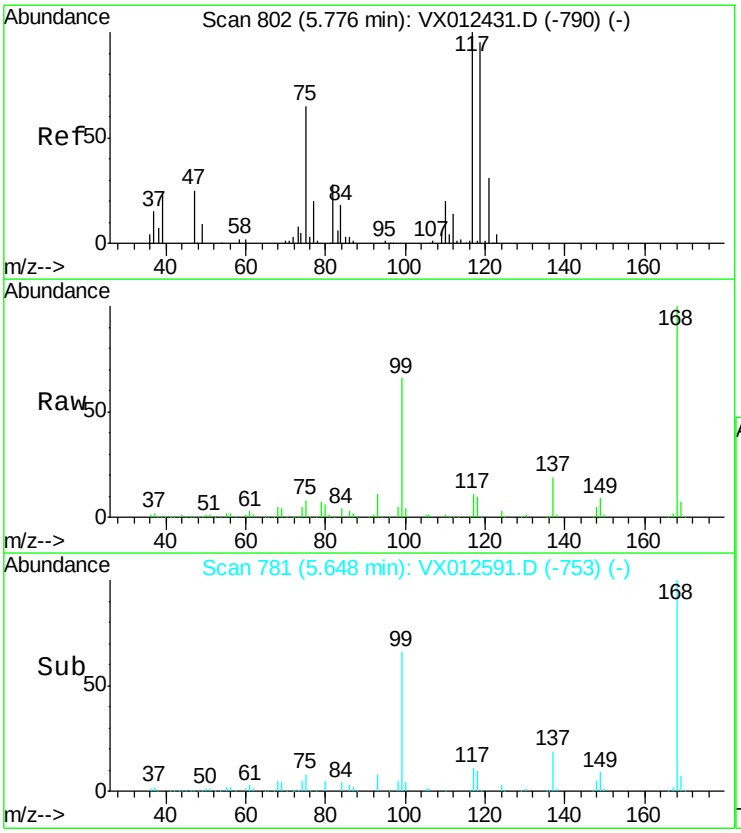
#36
1,1-Dichloropropene
Concen: 8.628 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX012591.D
Acq: 21 Sep 2019 05:12

Instrument :
MSVOA_X
ClientSampleId :
Z2-0165

Tgt Ion: 75 Resp: 15284

Ion	Ratio	Lower	Upper
75	100		
110	11.3	16.7	50.0#
77	0.0	24.2	36.2#

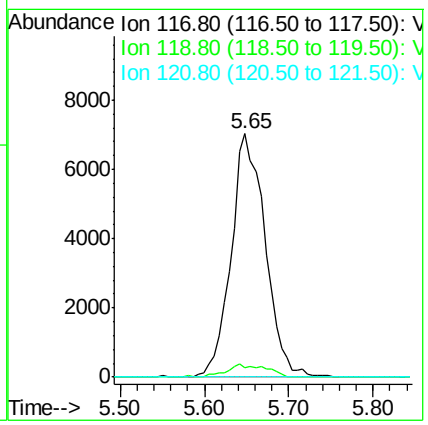


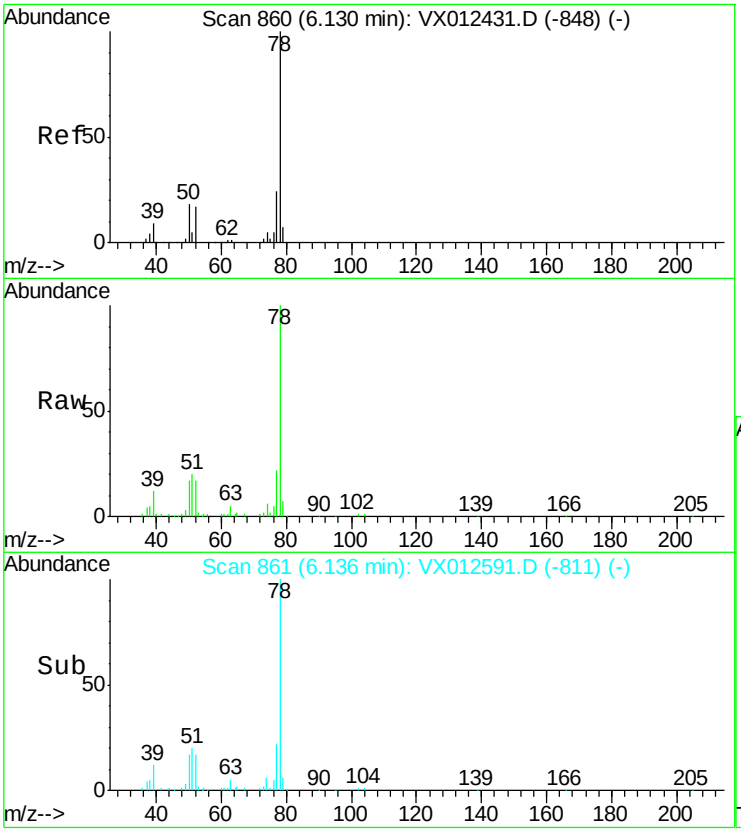


#38
Carbon Tetrachloride
Concen: 8.752 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX012591.D
Acq: 21 Sep 2019 05:12

Tgt Ion:117 Resp: 19282

Ion	Ratio	Lower	Upper
117	100		
119	3.9	75.7	113.5#
121	0.0	24.2	36.4#



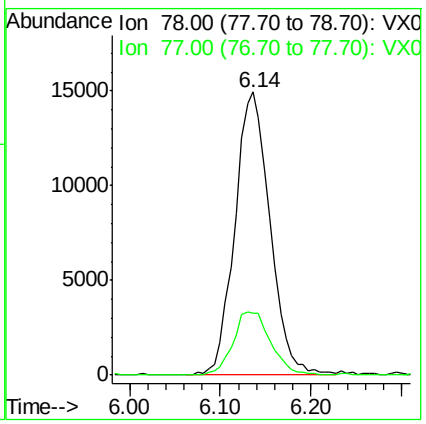


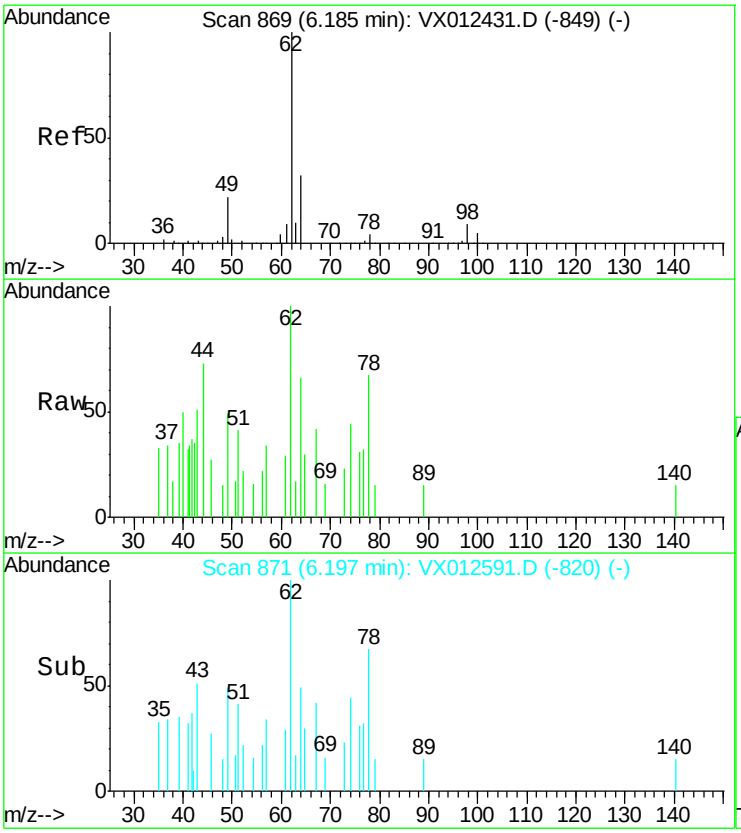
#40
Benzene
Concen: 7.120 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012591.D
Acq: 21 Sep 2019 05:12

Instrument :
MSVOA_X
ClientSampleId :
Z2-0165

Tgt Ion: 78 Resp: 40106

Ion	Ratio	Lower	Upper
78	100		
77	21.8	19.2	28.8

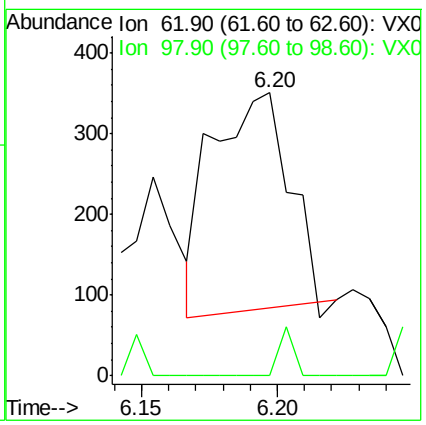


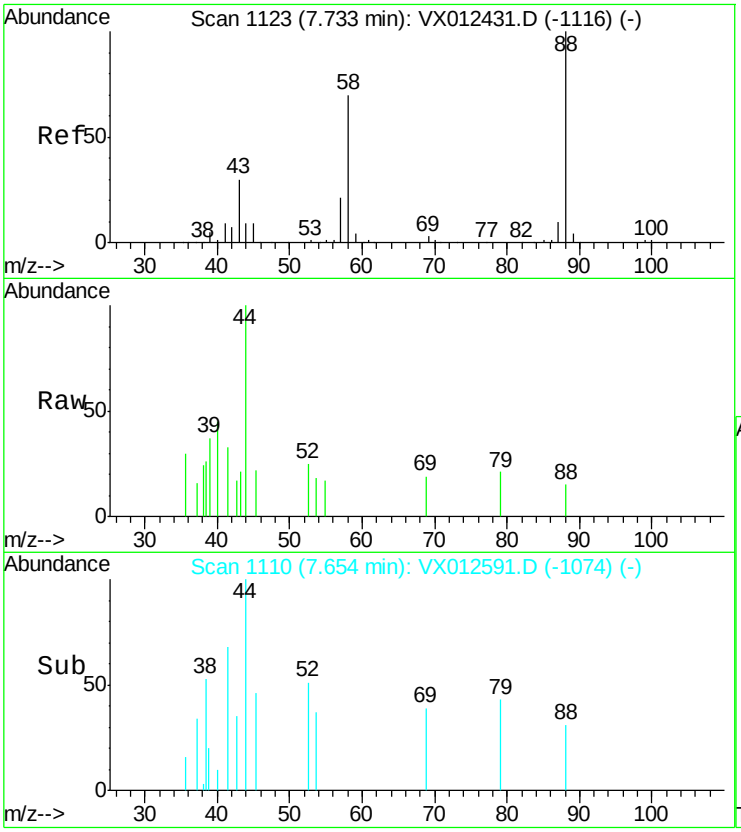


#42
1,2-Dichloroethane
Concen: 0.203 ug/l
RT: 6.20 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX012591.D
Acq: 21 Sep 2019 05:12

Tgt Ion: 62 Resp: 530

Ion	Ratio	Lower	Upper
62	100		
98	4.2	0.0	17.8



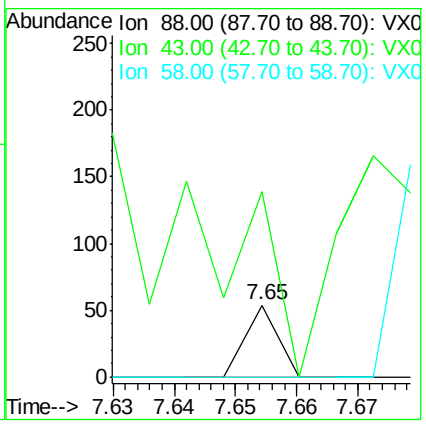


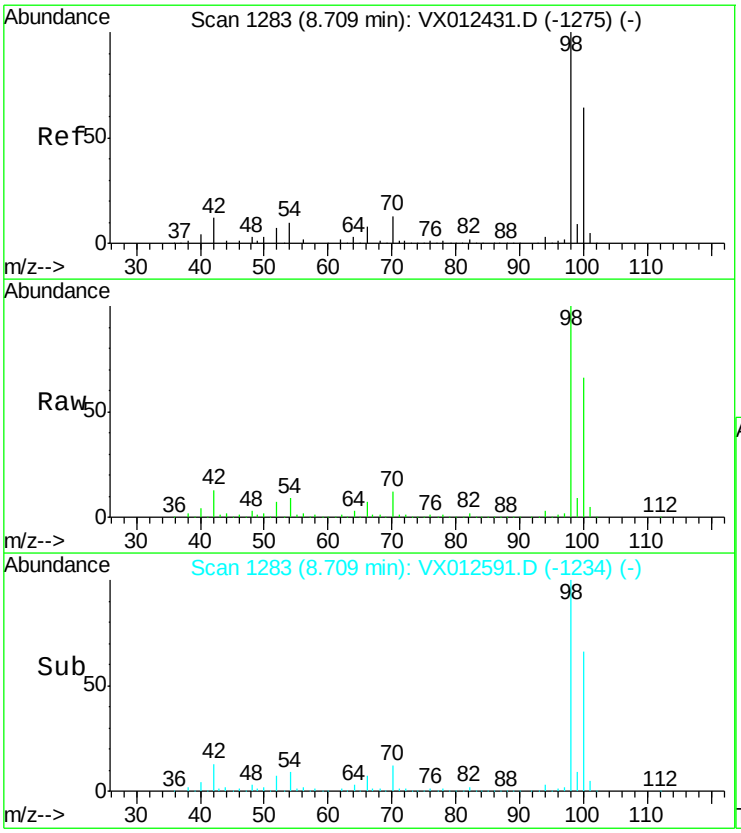
#49
1,4-Dioxane
Concen: 0.357 ug/l
RT: 7.65 min Scan# 1110
Delta R.T. -0.08 min
Lab File: VX012591.D
Acq: 21 Sep 2019 05:12

Instrument :
MSVOA_X
ClientSampleId :
Z2-0165

Tgt Ion: 88 Resp: 20

Ion	Ratio	Lower	Upper
88	100		
43	0.0	29.4	44.0#
58	0.0	57.5	86.3#

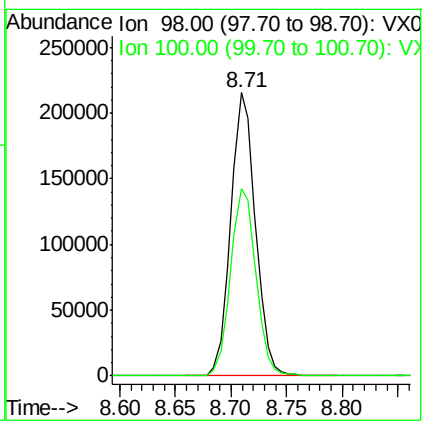


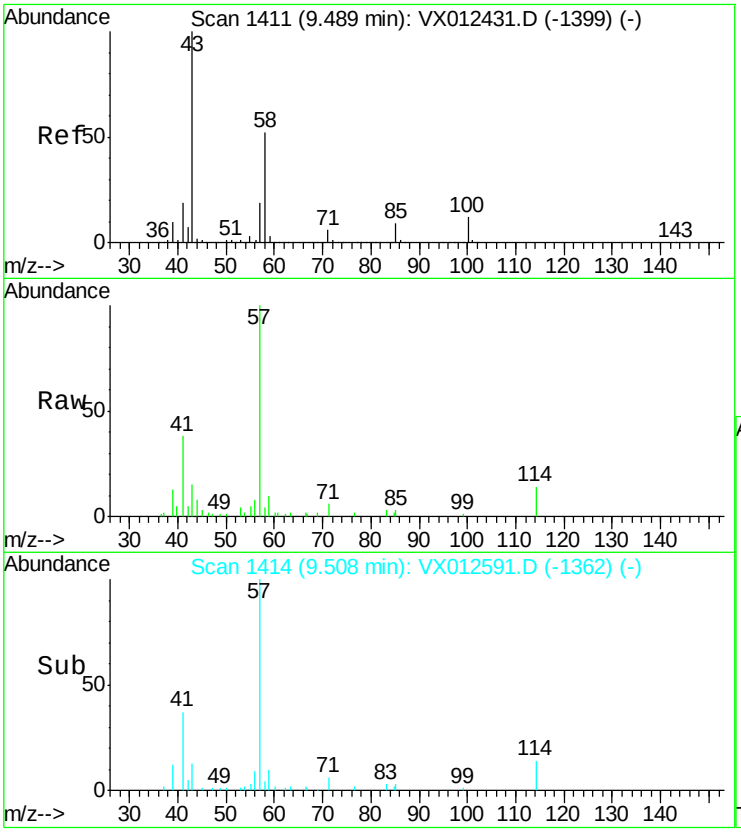


#50
Toluene-d8
Concen: 50.747 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012591.D
Acq: 21 Sep 2019 05:12

Tgt Ion: 98 Resp: 331384

Ion	Ratio	Lower	Upper
98	100		
100	67.8	53.4	80.2



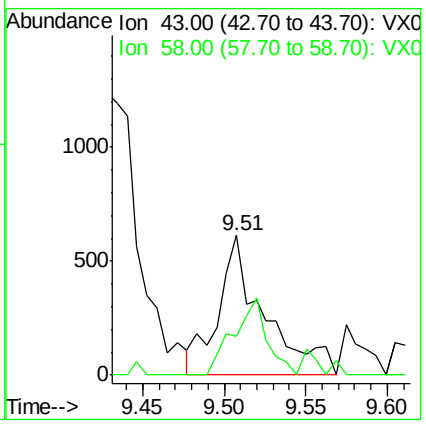


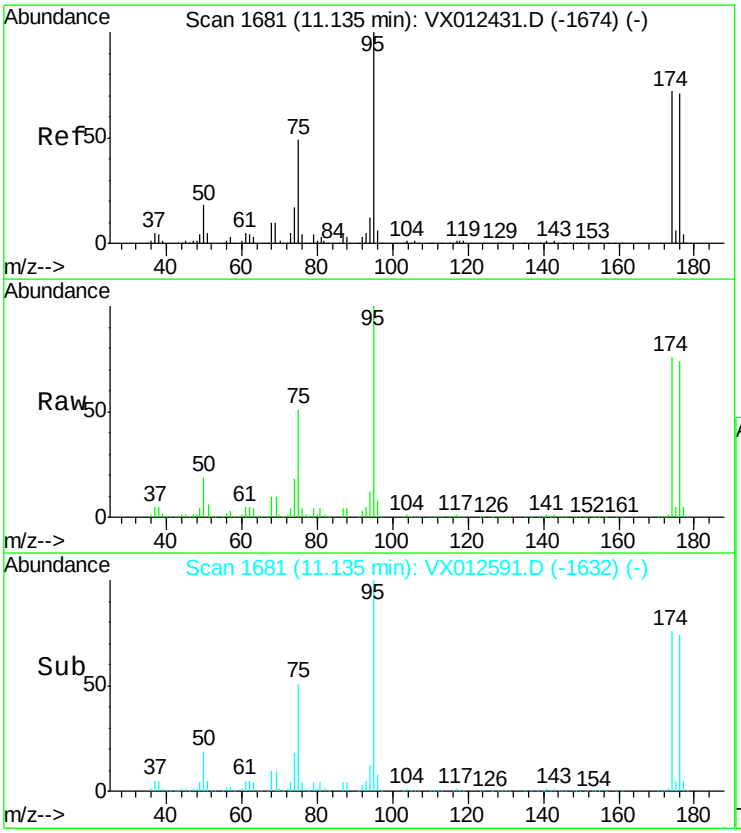
#59
2-Hexanone
Concen: 0.481 ug/l
RT: 9.51 min Scan# 1414
Delta R.T. 0.02 min
Lab File: VX012591.D
Acq: 21 Sep 2019 05:12

Instrument : MSVOA_X
ClientSampleId : Z2-0165

Tgt Ion: 43 Resp: 1201

Ion	Ratio	Lower	Upper
43	100		
58	41.0	25.7	77.1

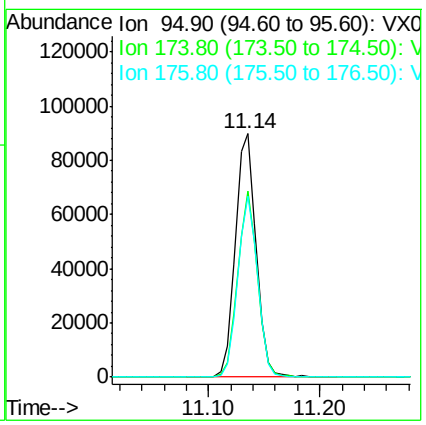


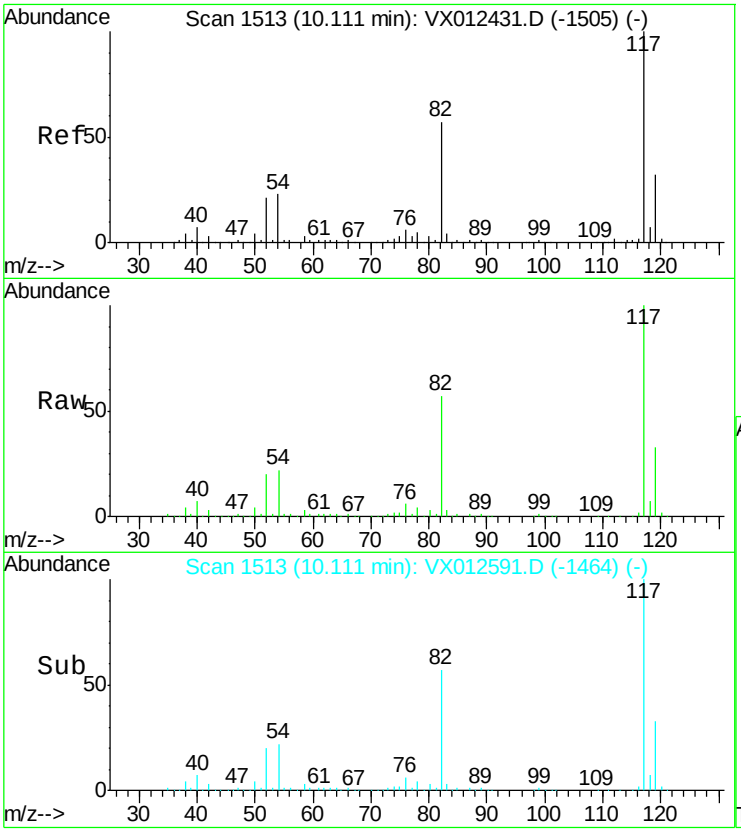


#62
4-Bromofluorobenzene
Concen: 42.621 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012591.D
Acq: 21 Sep 2019 05:12

Tgt Ion: 95 Resp: 115561

Ion	Ratio	Lower	Upper
95	100		
174	72.8	0.0	140.0
176	71.3	0.0	135.4



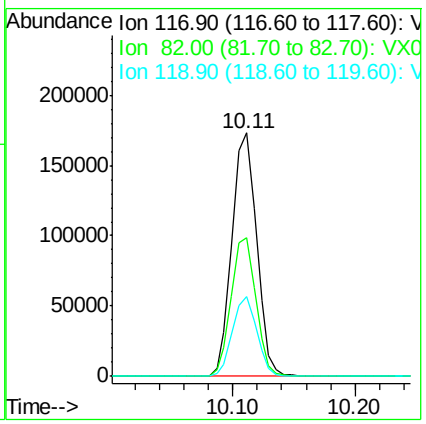


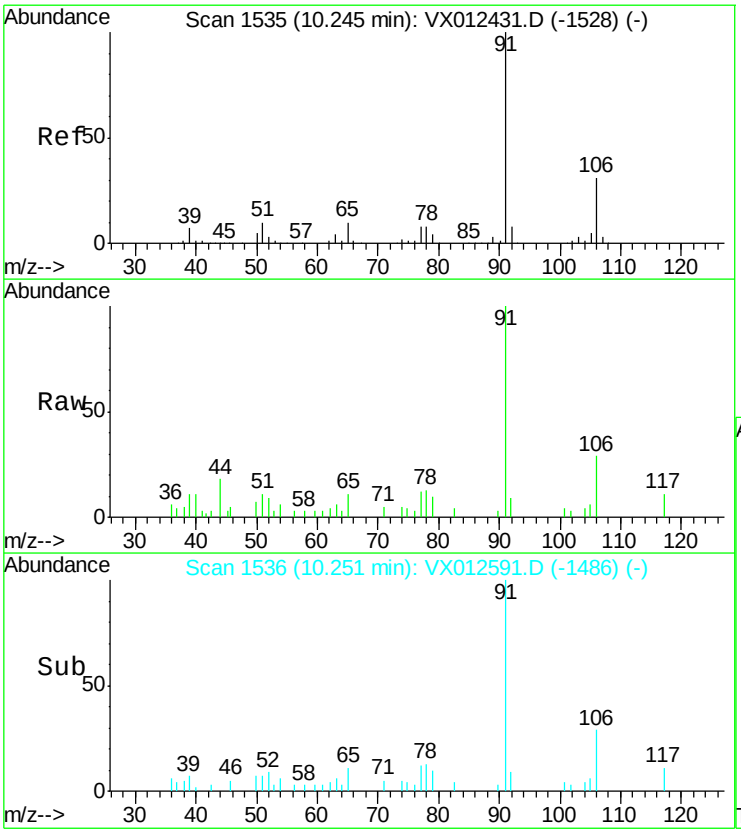
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012591.D
Acq: 21 Sep 2019 05:12

Instrument : MSVOA_X
ClientSampleId : Z2-0165

Tgt Ion:117 Resp: 241818

Ion	Ratio	Lower	Upper
117	100		
82	56.7	45.9	68.9
119	32.8	25.3	37.9

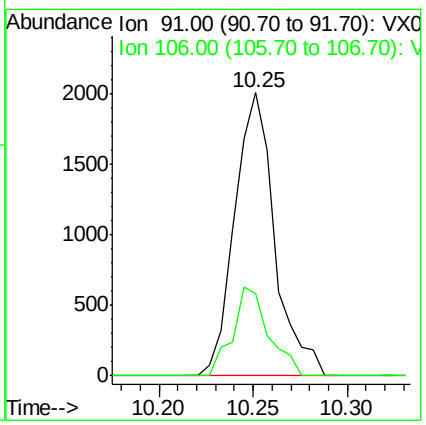


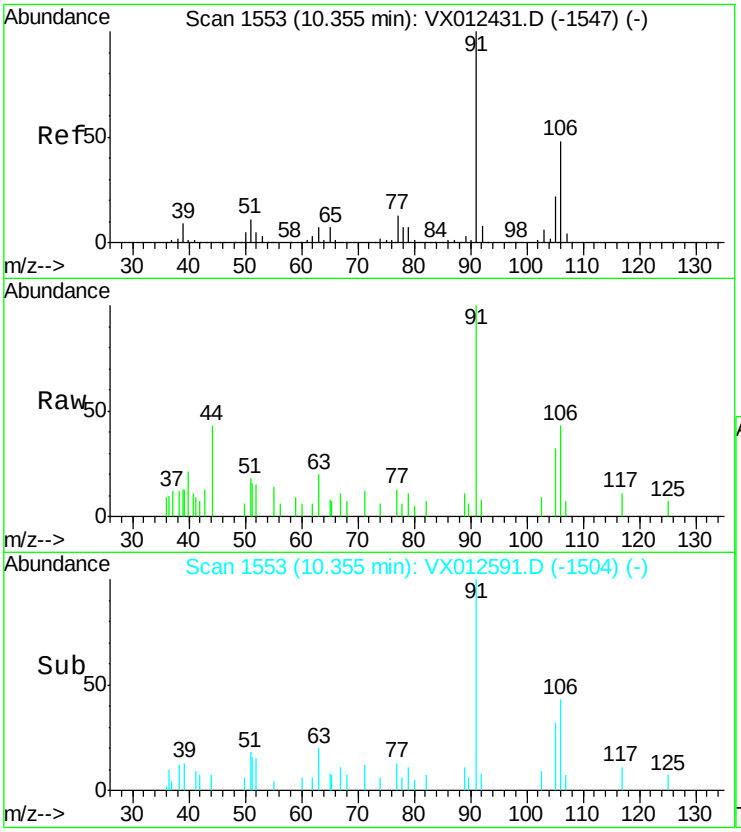


#67
Ethyl Benzene
Concen: 0.431 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012591.D
Acq: 21 Sep 2019 05:12

Tgt Ion: 91 Resp: 2958

Ion	Ratio	Lower	Upper
91	100		
106	28.9	24.6	37.0



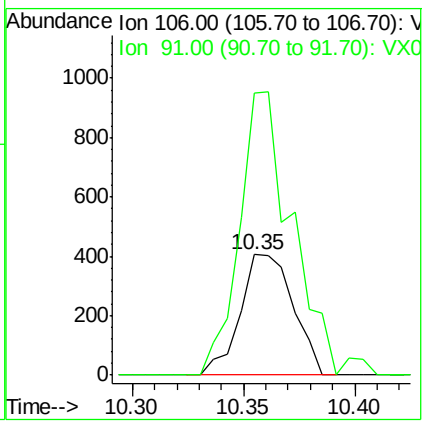


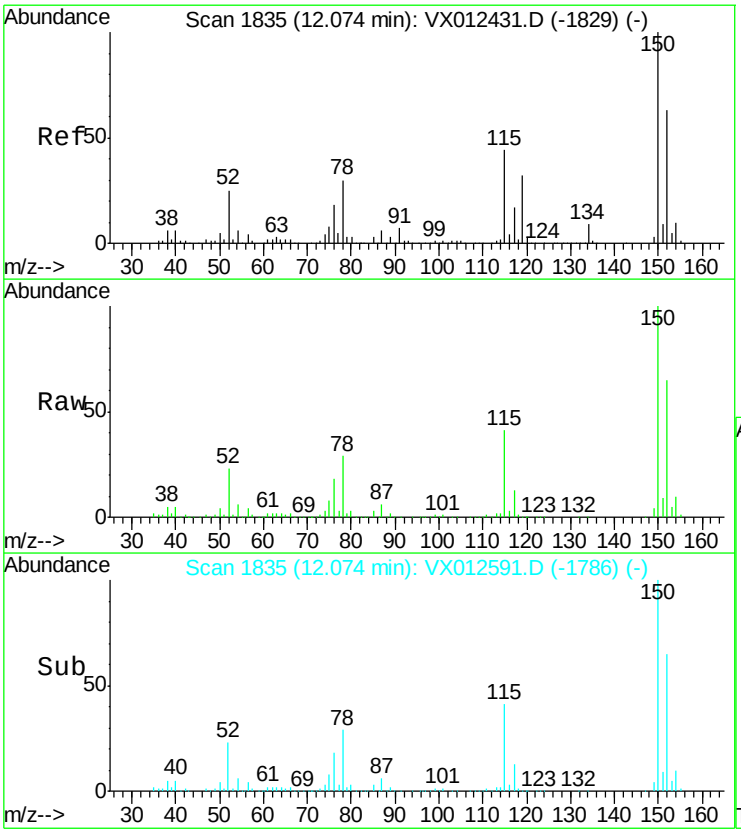
#68
m/p-Xylenes
Concen: 0.270 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012591.D
Acq: 21 Sep 2019 05:12

Instrument :
MSVOA_X
ClientSampleId :
Z2-0165

Tgt Ion:106 Resp: 674

Ion	Ratio	Lower	Upper
106	100		
91	235.5	166.6	250.0

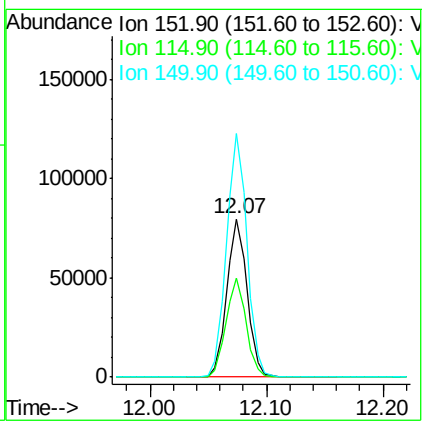


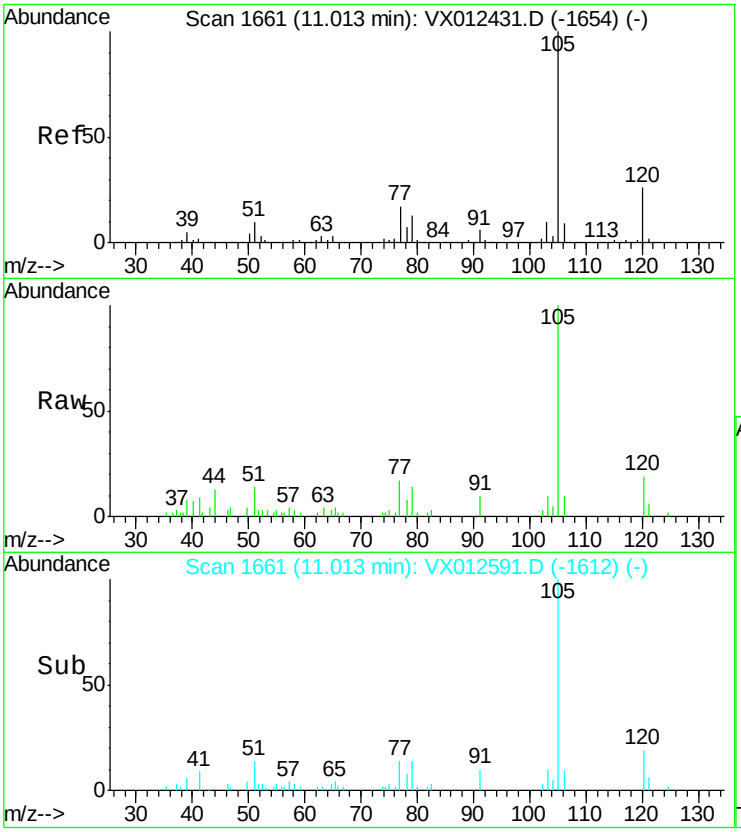


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012591.D
Acq: 21 Sep 2019 05:12

Tgt Ion:152 Resp: 96532

Ion	Ratio	Lower	Upper
152	100		
115	61.7	44.1	132.3
150	155.7	0.0	343.8



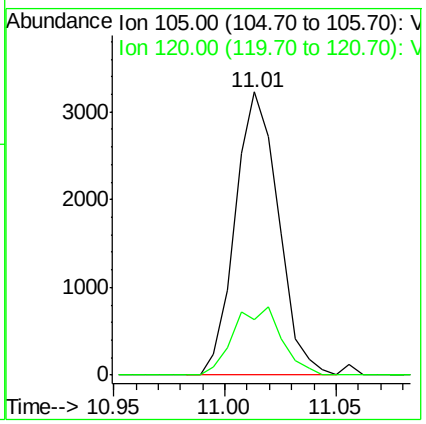


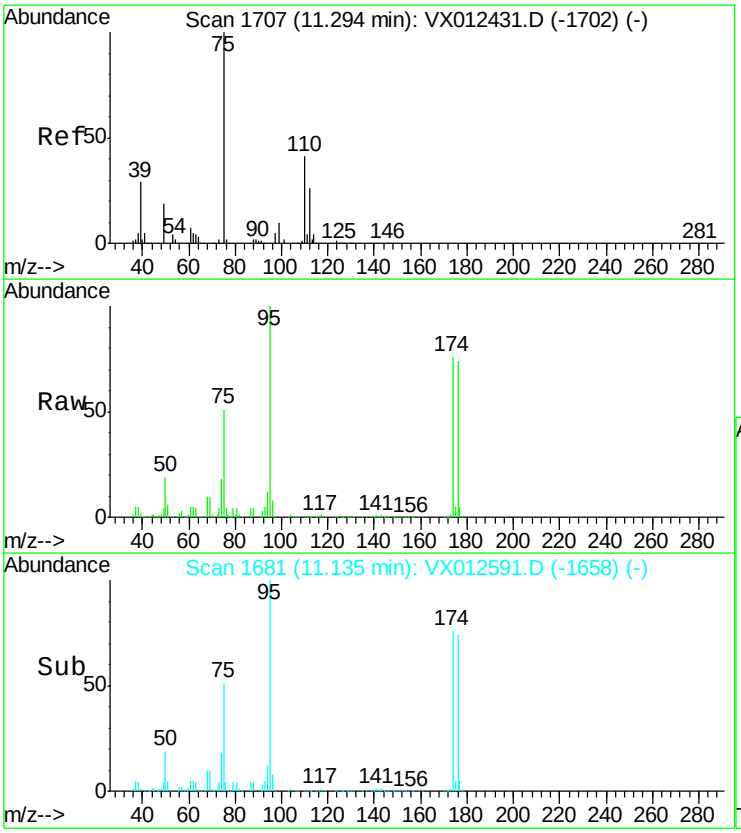
#73
Isopropylbenzene
Concen: 0.721 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX012591.D
Acq: 21 Sep 2019 05:12

Instrument :
MSVOA_X
ClientSampleId :
Z2-0165

Tgt Ion:105 Resp: 4368

Ion	Ratio	Lower	Upper
105	100		
120	26.7	12.9	38.7

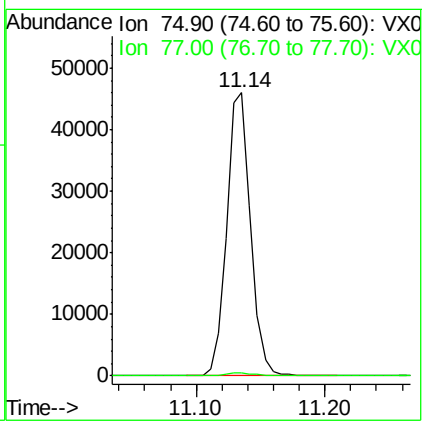


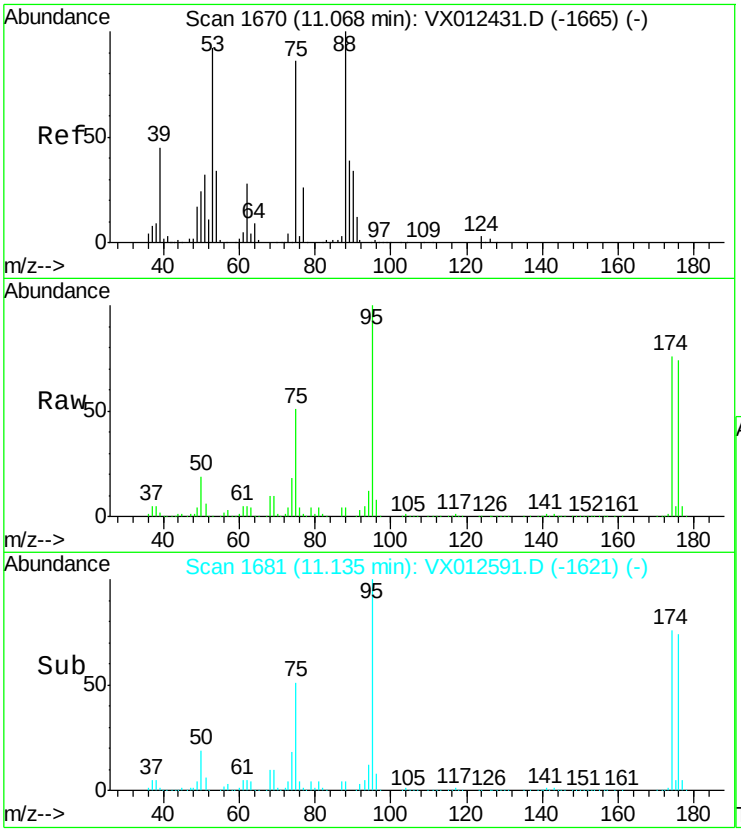


#76
1,2,3-Trichloropropane
Concen: 26.836 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012591.D
Acq: 21 Sep 2019 05:12

Tgt Ion: 75 Resp: 59507

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.7	59.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 72.209 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012591.D
Acq: 21 Sep 2019 05:12

Instrument :
MSVOA_X
ClientSampleId :
Z2-0165

Tgt Ion: 75 Resp: 59507

Ion	Ratio	Lower	Upper
75	100		
53	0.1	83.6	125.4#
89	0.0	36.3	54.5#