Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081119\
Data File : VX011453.D
Acq On : 12 Aug 2019 00:48
Operator : JC/SP
Sample : K4294-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RT-3425

Quant Time: Aug 12 07:56:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	198895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	296981	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	274911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122751	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	106961	53.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.80%			
35) Dibromofluoromethane	5.49	113	90507	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.36%			
50) Toluene-d8	8.71	98	358154	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.88%			
62) 4-Bromofluorobenzene	11.13	95	117522	44.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.96%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	528	0.390	ug/l #	73
6) Chloroethane	1.71	64	80	Below Cal #		43
8) Diethyl Ether	2.18	74	494	0.410	ug/l	88
11) Tert butyl alcohol	3.01	59	3307	8.302	ug/l #	85
13) Acrolein	2.29	56	67	Below Cal #		15
16) Acetone	2.43	43	7587	7.958	ug/l	93
18) Methyl Acetate	2.76	43	1403	0.644	ug/l	91
20) Methylene Chloride	2.85	84	11681	5.594	ug/l	96
25) 2-Butanone	4.68	43	916	0.675	ug/l #	1
30) Chloroform	5.21	83	2619	0.771	ug/l	98
31) Cyclohexane	5.66	56	4133	1.602	ug/l #	34
36) 1,1-Dichloropropene	5.65	75	13971	5.388	ug/l #	48
38) Carbon Tetrachloride	5.65	117	19205	7.362	ug/l #	14
43) Isopropyl Acetate	6.44	43	7744	1.862	ug/l	96
48) Methyl methacrylate	7.68	41	3799	1.941	ug/l #	10
49) 1,4-Dioxane	7.87	88	19	0.335	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	40673	15.156	ug/l #	49
53) t-1,3-Dichloropropene	9.02	75	20	2.845	ug/l #	43
54) cis-1,3-Dichloropropene	8.61	75	20583	7.114	ug/l #	68
57) 1,3-Dichloropropane	9.54	76	5235	1.574	ug/l #	41
59) 2-Hexanone	9.54	43	64194	30.883	ug/l #	51
68) m/p-Xylenes	10.35	106	944	0.247	ug/l	87
76) 1,2,3-Trichloropropane	11.13	75	59571	26.648	ug/l #	36
80) 1,3,5-Trimethylbenzene	11.50	105	3042	0.433	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	59571	69.243	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	3595	0.514	ug/l	95
95) Naphthalene	13.83	128	2510	0.313	ug/l #	92

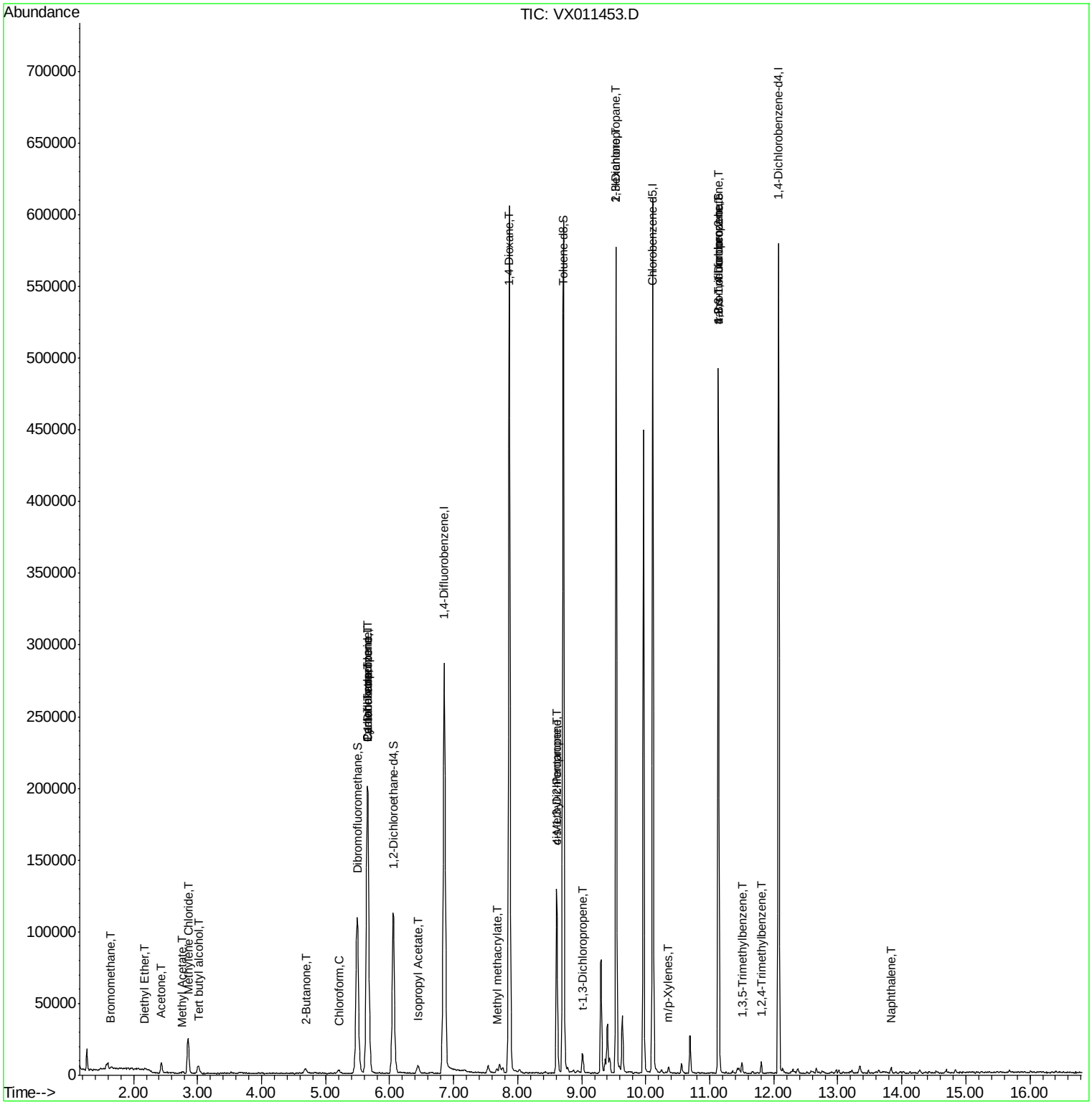
(#) = qualifier out of range (m) = manual integration (+) = signals summed

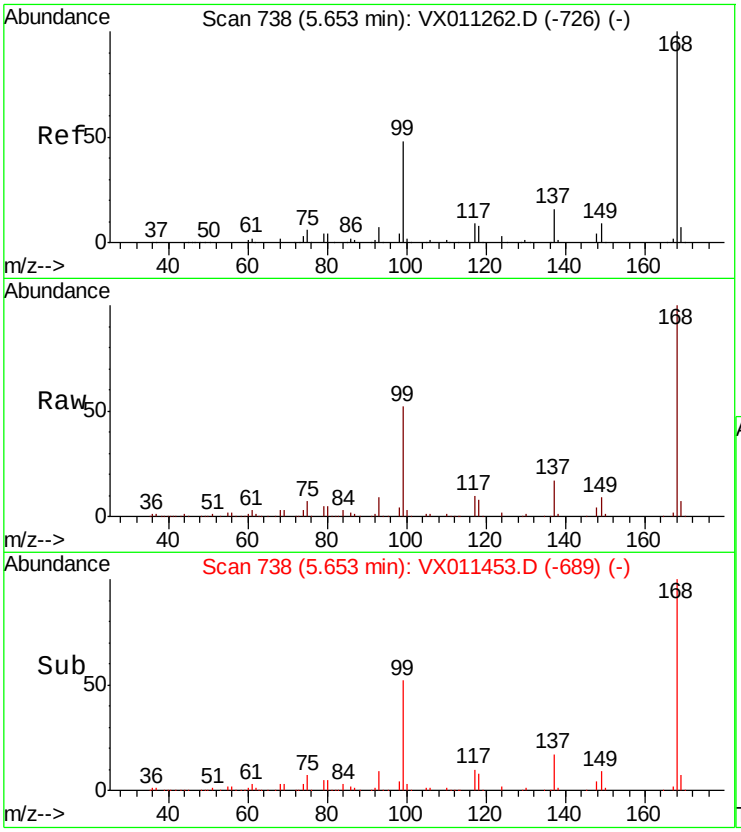
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081119\
Data File : VX011453.D
Acq On : 12 Aug 2019 00:48
Operator : JC/SP
Sample : K4294-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RT-3425

Quant Time: Aug 12 07:56:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration



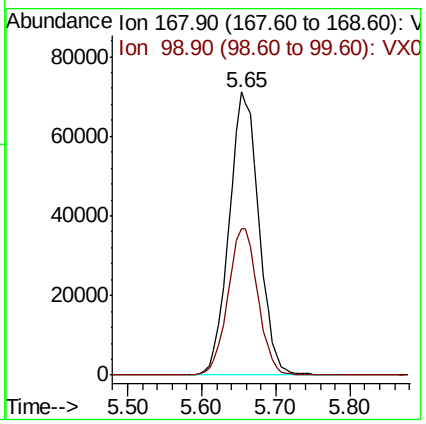


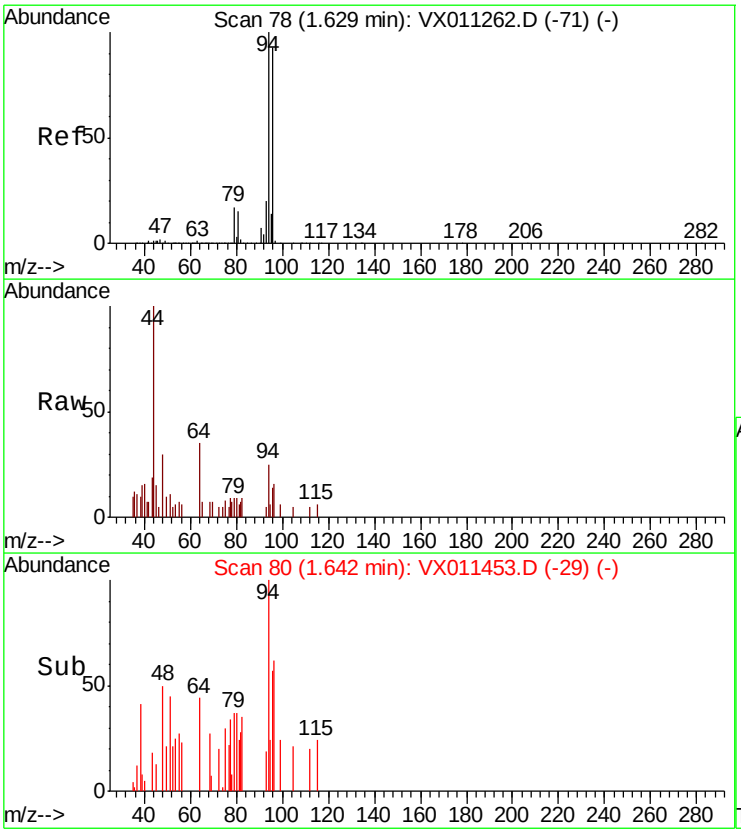
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.00 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

Instrument :
MSVOA_X
ClientSampleId :
RT-3425

Tgt Ion:168 Resp: 198895

Ion	Ratio	Lower	Upper
168	100		
99	51.5	38.5	57.7

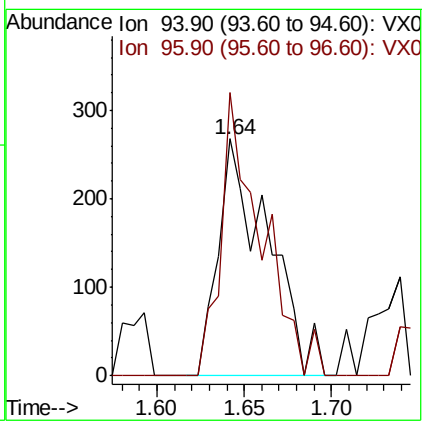


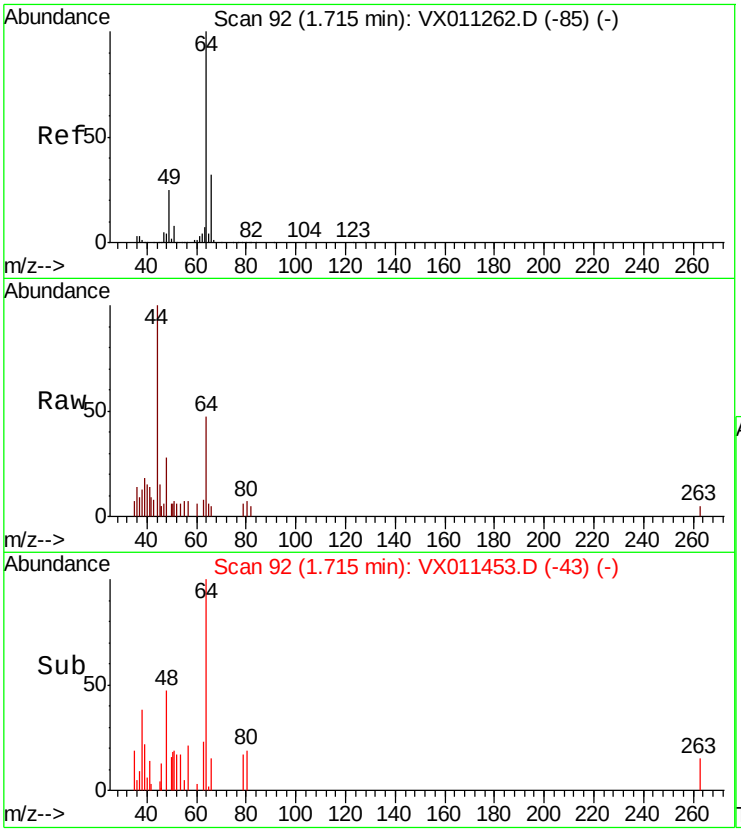


#5
Bromomethane
Concen: 0.390 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

Tgt Ion: 94 Resp: 528

Ion	Ratio	Lower	Upper
94	100		
96	119.4	74.6	112.0#



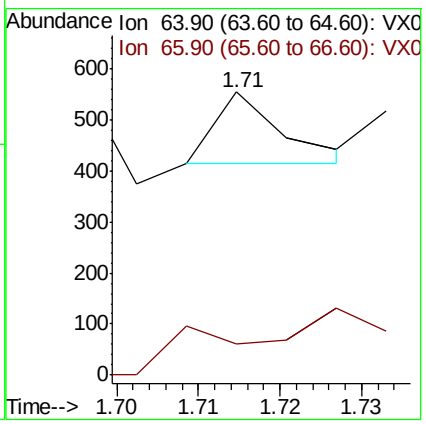


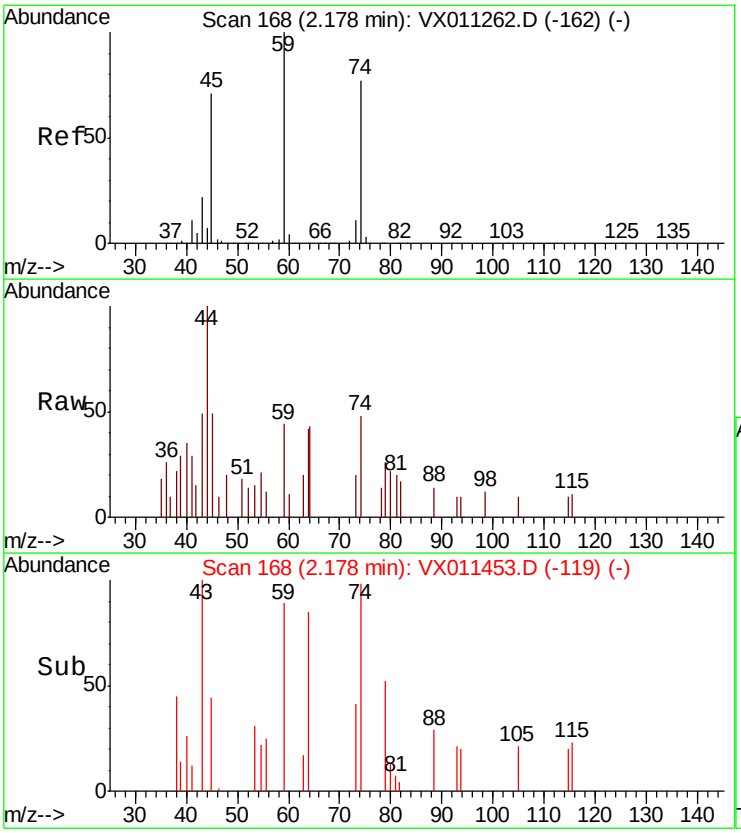
#6
Chloroethane
Concen: Below Cal
RT: 1.71 min Scan# 92
Delta R.T. 0.00 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

Instrument :
MSVOA_X
ClientSampleId :
RT-3425

Tgt Ion: 64 Resp: 80

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.1	37.7#

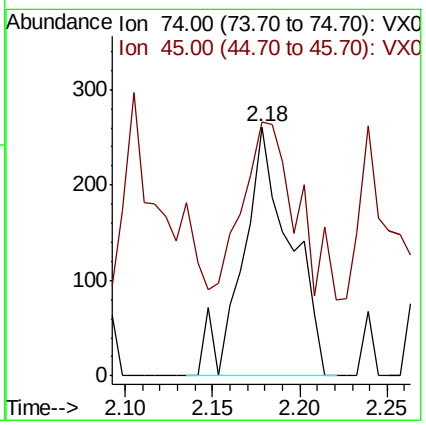


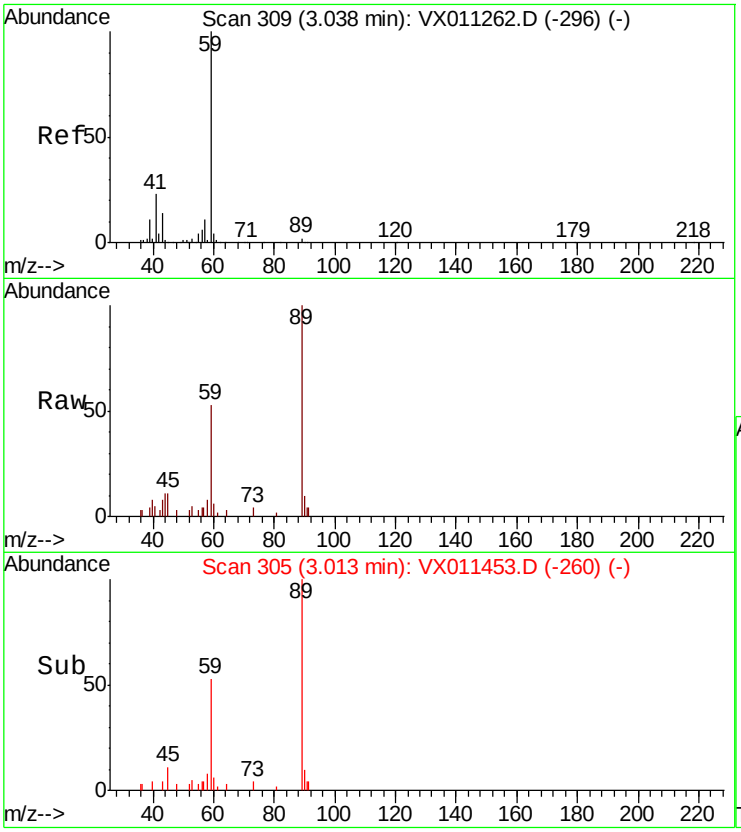


#8
Diethyl Ether
Concen: 0.410 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

Tgt Ion: 74 Resp: 494

Ion	Ratio	Lower	Upper
74	100		
45	80.8	46.1	138.3



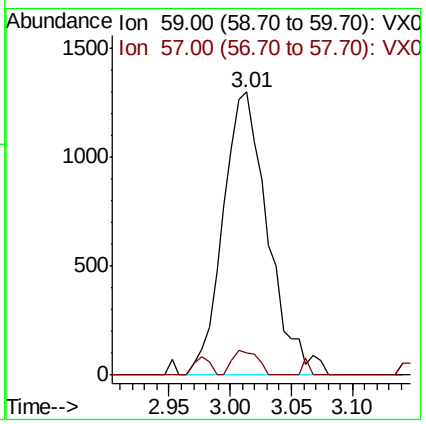


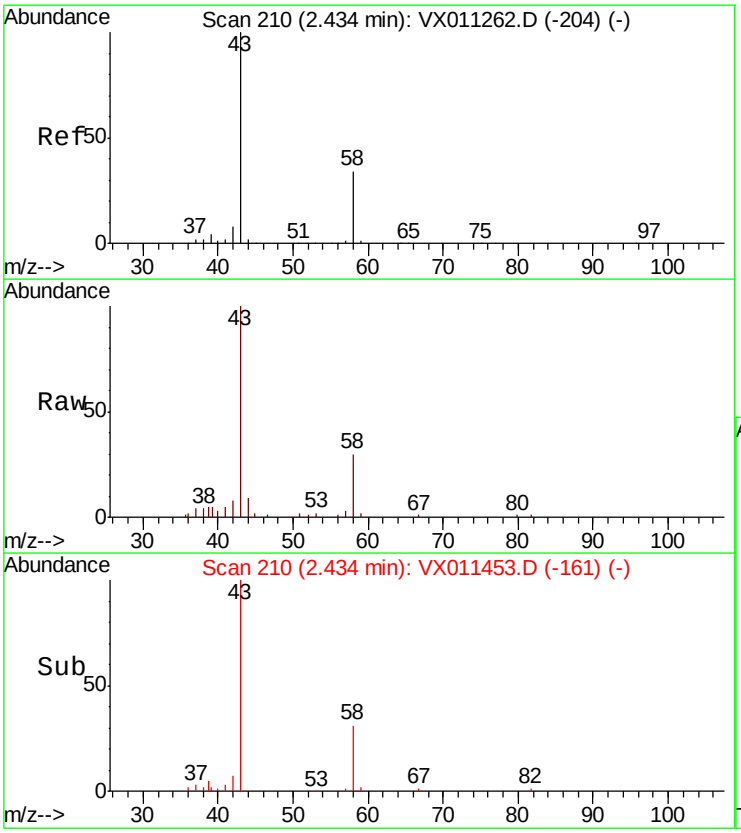
#11
Tert butyl alcohol
Concen: 8.302 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.02 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

Instrument : MSVOA_X
ClientSampleId : RT-3425

Tgt Ion: 59 Resp: 3307

Ion	Ratio	Lower	Upper
59	100		
57	4.7	8.3	12.5#

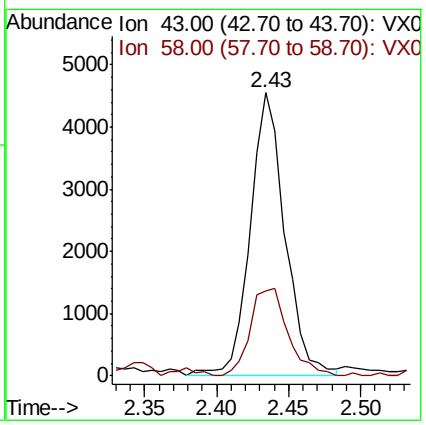


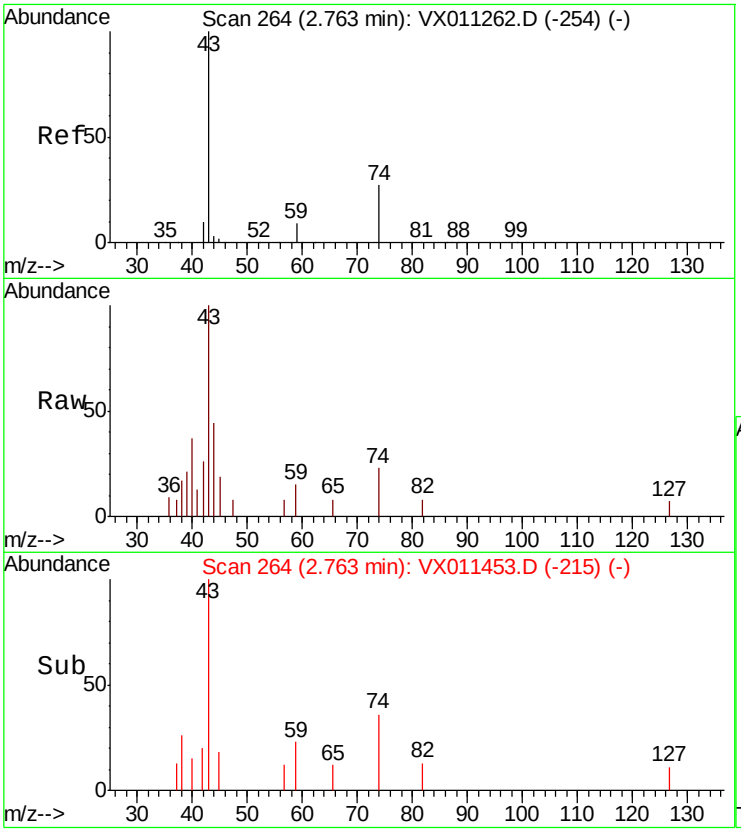


#16
Acetone
Concen: 7.958 ug/l
RT: 2.43 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

Tgt Ion: 43 Resp: 7587

Ion	Ratio	Lower	Upper
43	100		
58	30.2	27.4	41.0



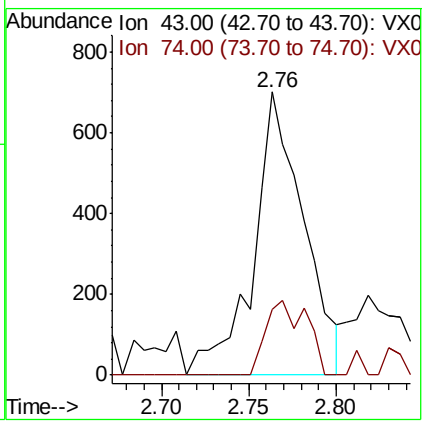


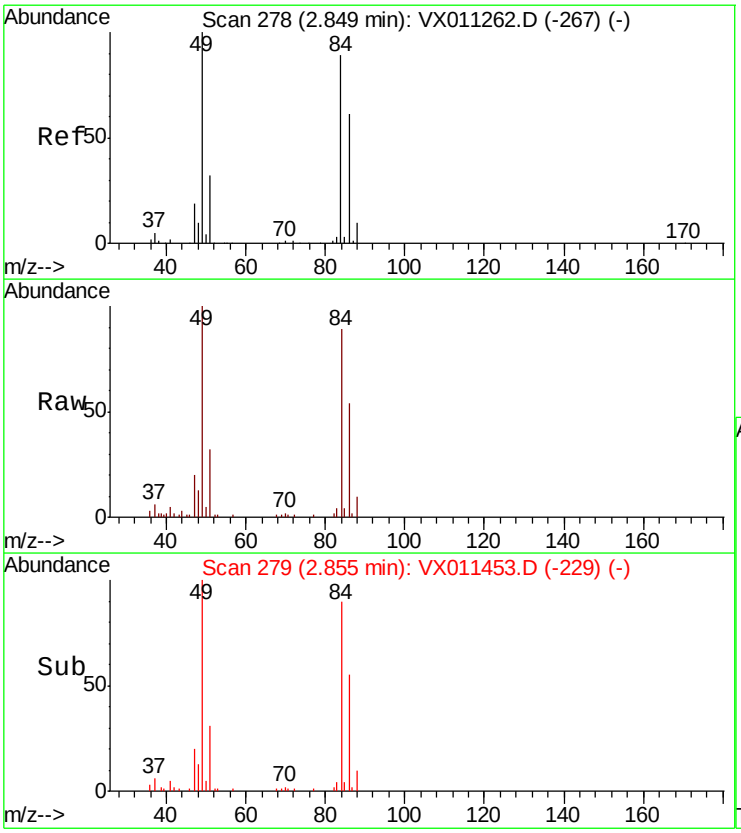
#18
Methyl Acetate
Concen: 0.644 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

Instrument :
MSVOA_X
ClientSampleId :
RT-3425

Tgt Ion: 43 Resp: 1403

Ion	Ratio	Lower	Upper
43	100		
74	21.5	21.0	31.6

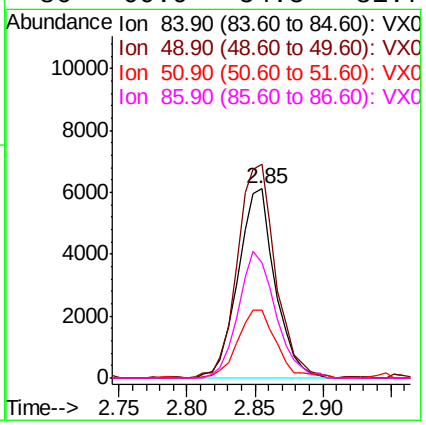


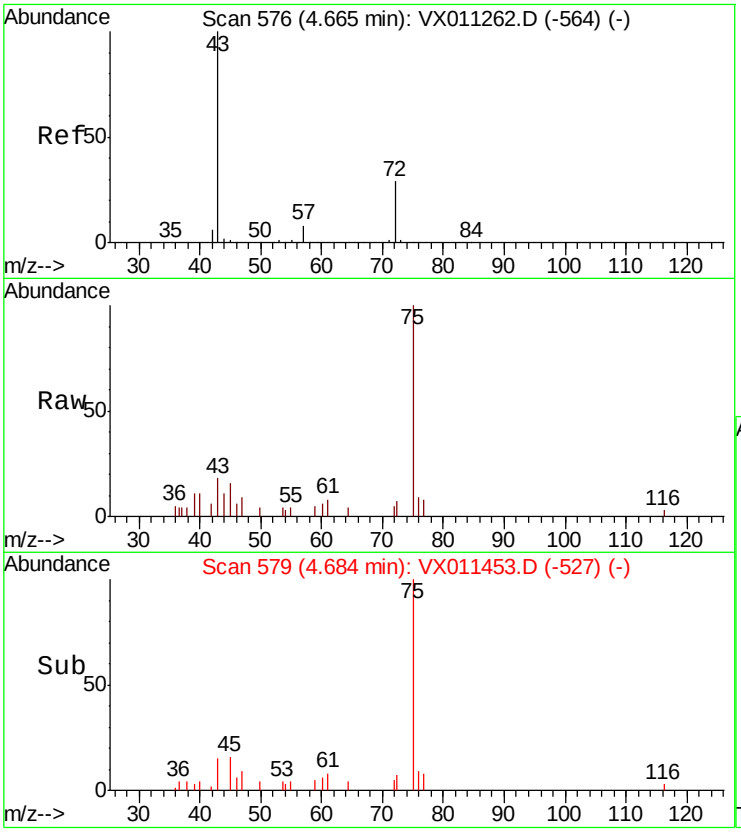


#20
Methylene Chloride
Concen: 5.594 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

Tgt Ion: 84 Resp: 11681

Ion	Ratio	Lower	Upper
84	100		
49	112.9	89.3	133.9
51	36.0	28.3	42.5
86	60.9	54.5	81.7



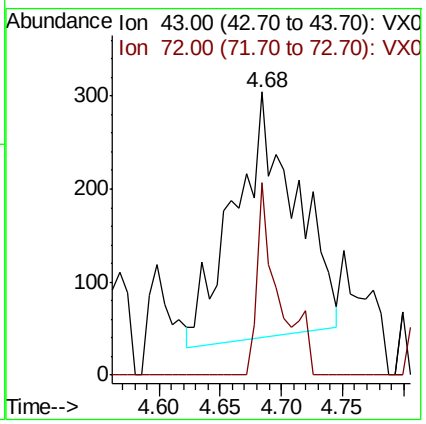


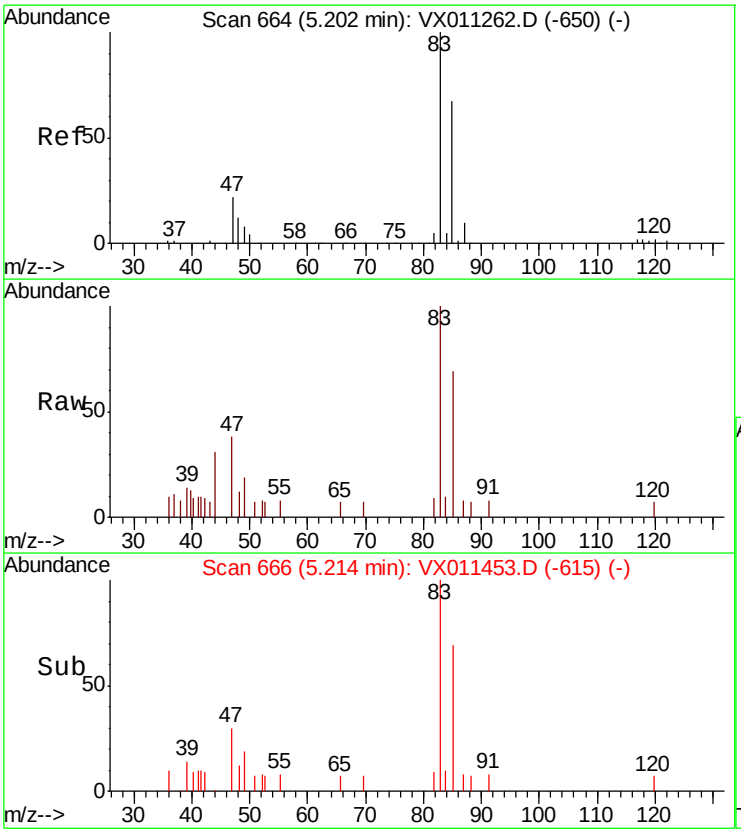
#25
2-Butanone
Concen: 0.675 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.02 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

Instrument :
MSVOA_X
ClientSampleId :
RT-3425

Tgt Ion: 43 Resp: 916

Ion	Ratio	Lower	Upper
43	100		
72	82.1	23.2	34.8#

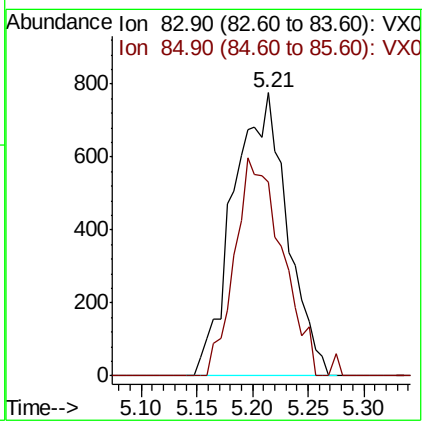


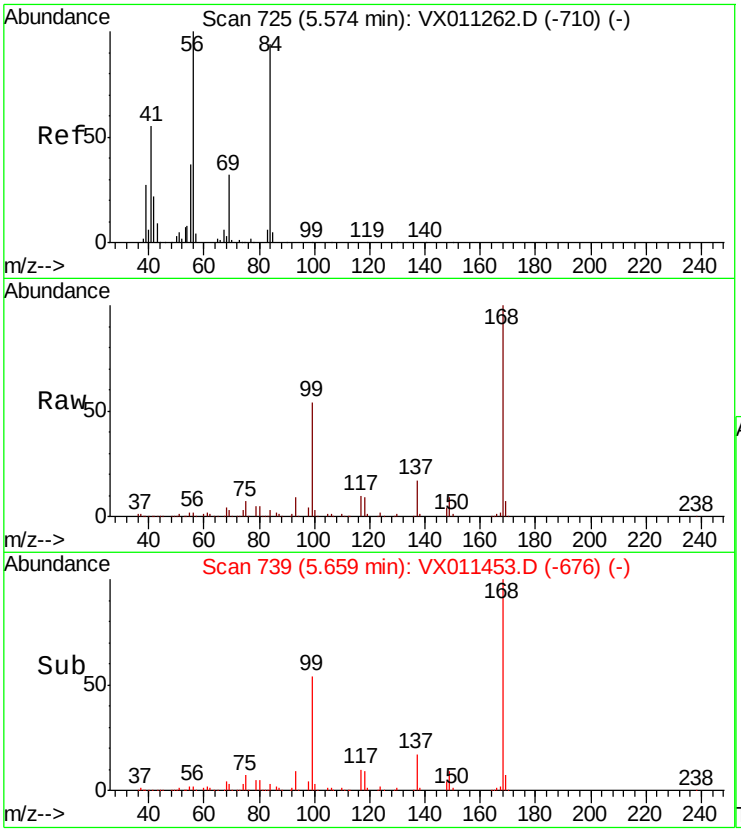


#30
Chloroform
Concen: 0.771 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

Tgt Ion: 83 Resp: 2619

Ion	Ratio	Lower	Upper
83	100		
85	68.6	53.4	80.0



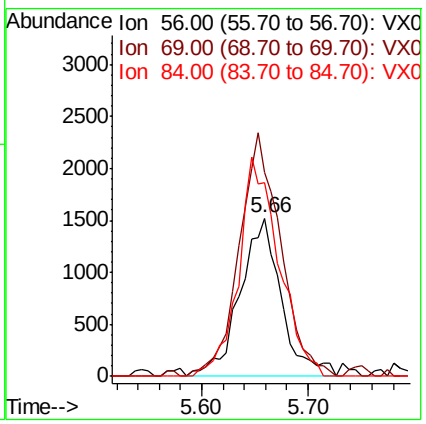


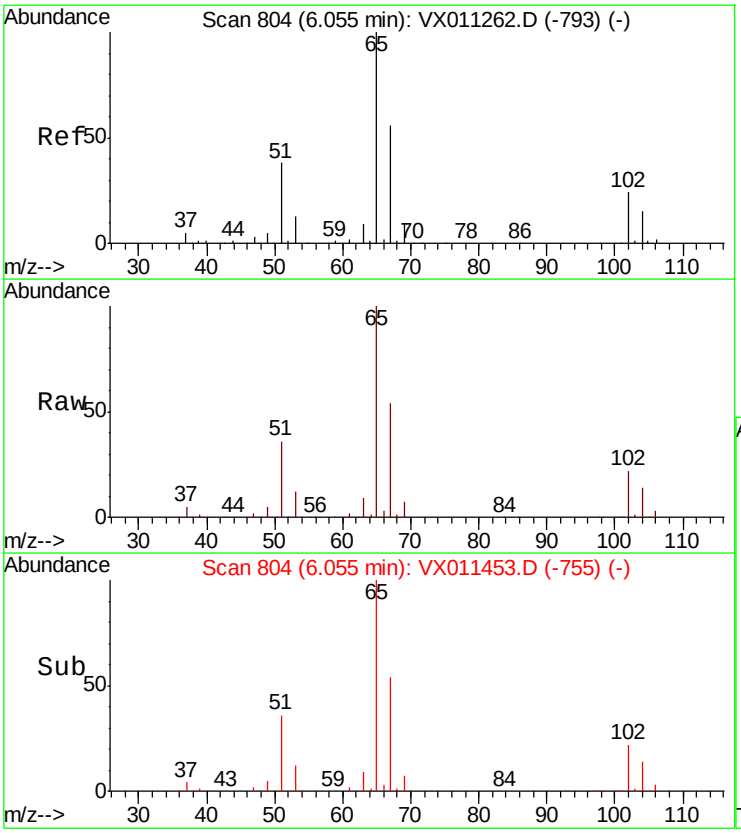
#31
Cyclohexane
Concen: 1.602 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

Instrument : MSVOA_X
ClientSampleId : RT-3425

Tgt Ion: 56 Resp: 4133

Ion	Ratio	Lower	Upper
56	100		
69	128.8	25.5	38.3#
84	122.1	75.0	112.4#

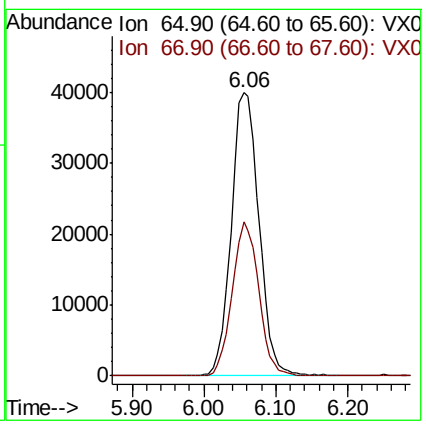


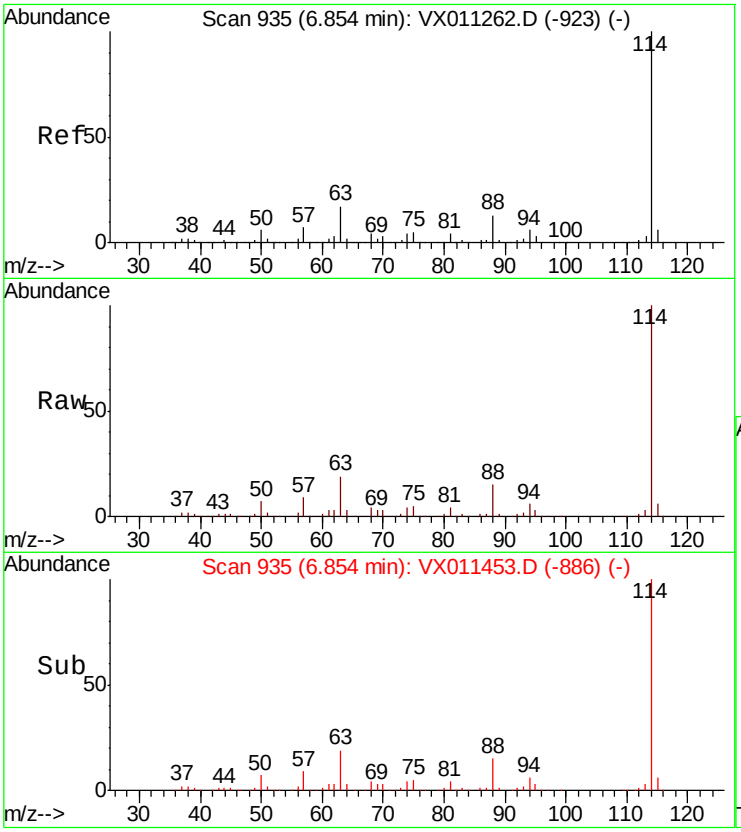


#33
1,2-Dichloroethane-d4
Concen: 53.401 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

Tgt Ion: 65 Resp: 106961

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	110.6



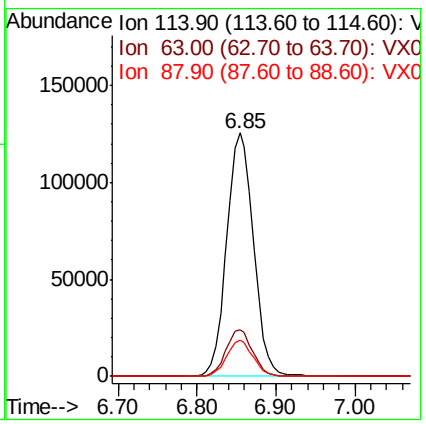


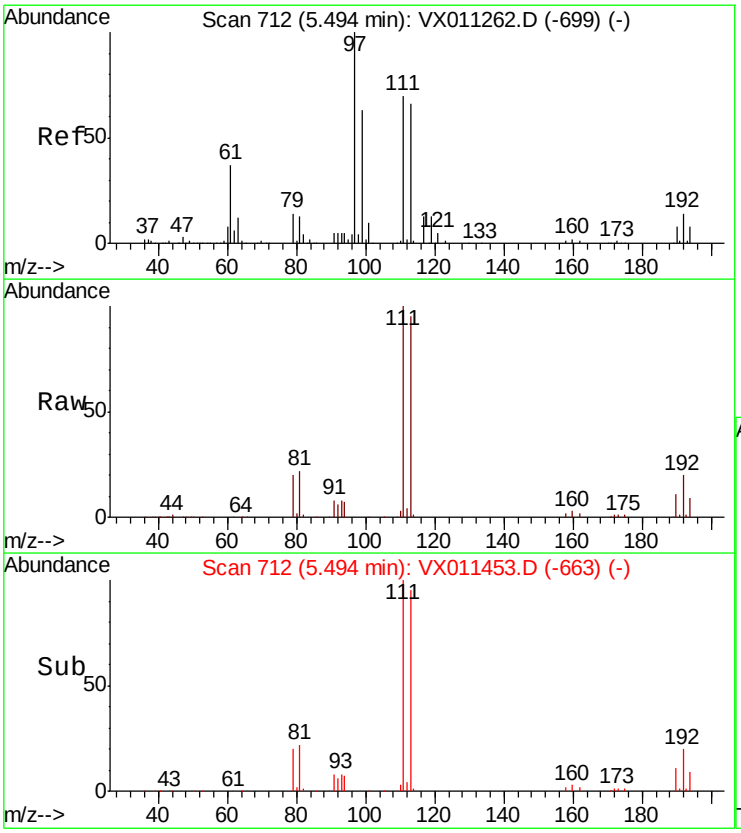
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

Instrument :
MSVOA_X
ClientSampleId :
RT-3425

Tgt Ion:114 Resp: 296981

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	34.0
88	14.7	0.0	26.4

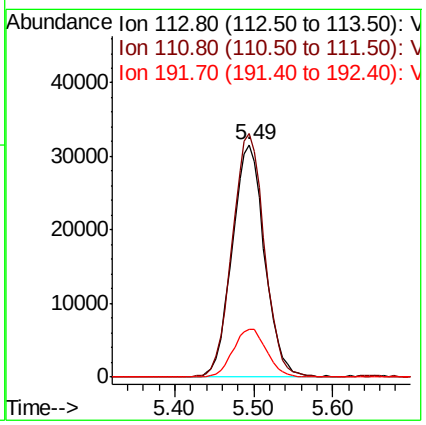


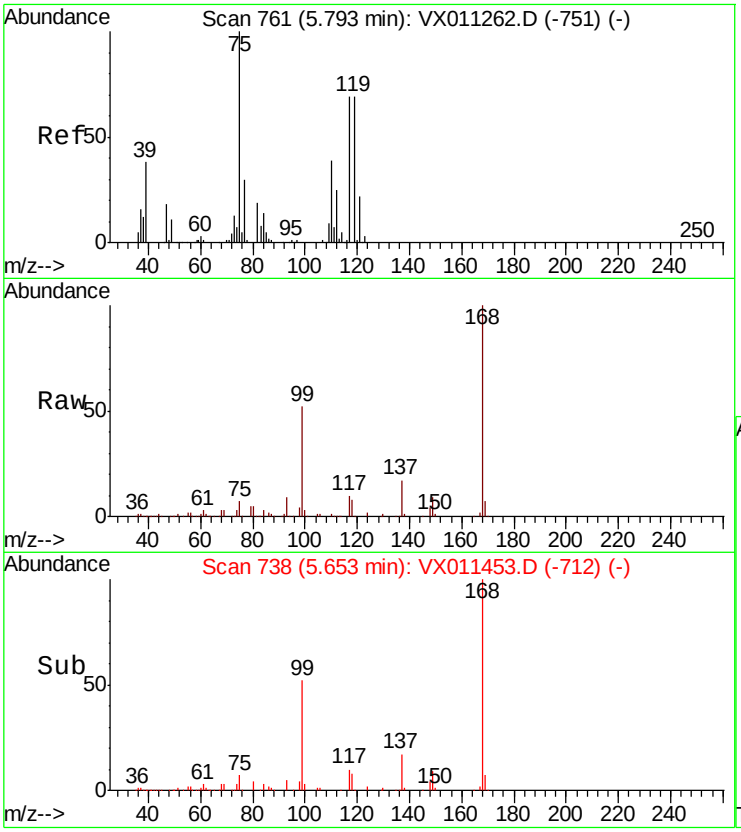


#35
Dibromofluoromethane
Concen: 46.679 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

Tgt Ion:113 Resp: 90507

Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.9	122.9
192	21.4	17.8	26.8



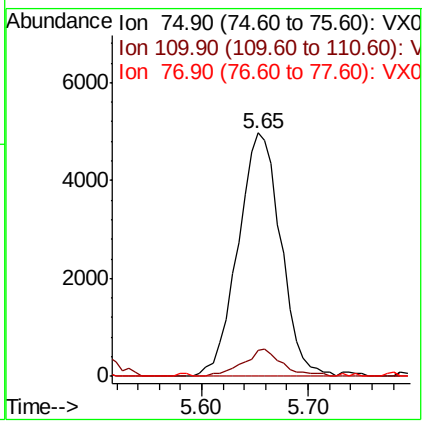


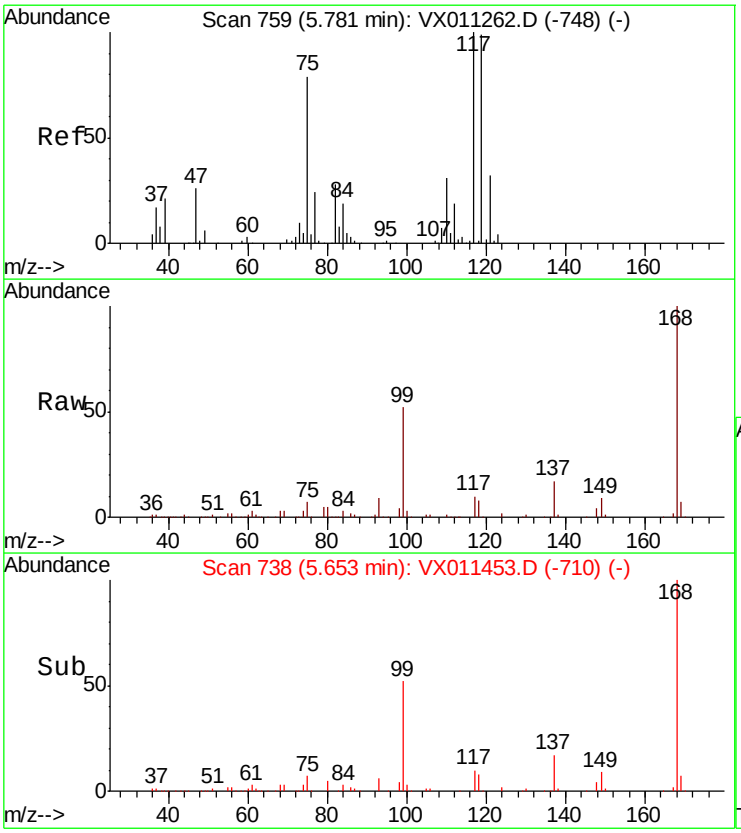
#36
1,1-Dichloropropene
Concen: 5.388 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.14 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

Instrument : MSVOA_X
ClientSampleId : RT-3425

Tgt Ion: 75 Resp: 13971

Ion	Ratio	Lower	Upper
75	100		
110	10.2	20.0	59.9#
77	0.0	24.8	37.2#

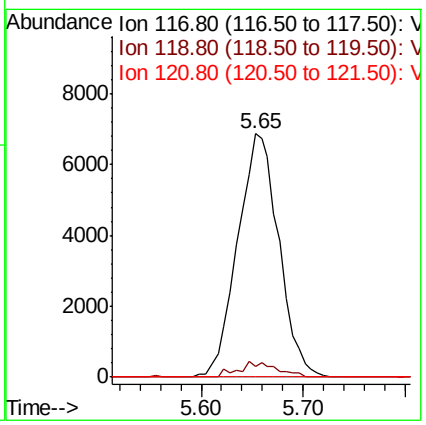


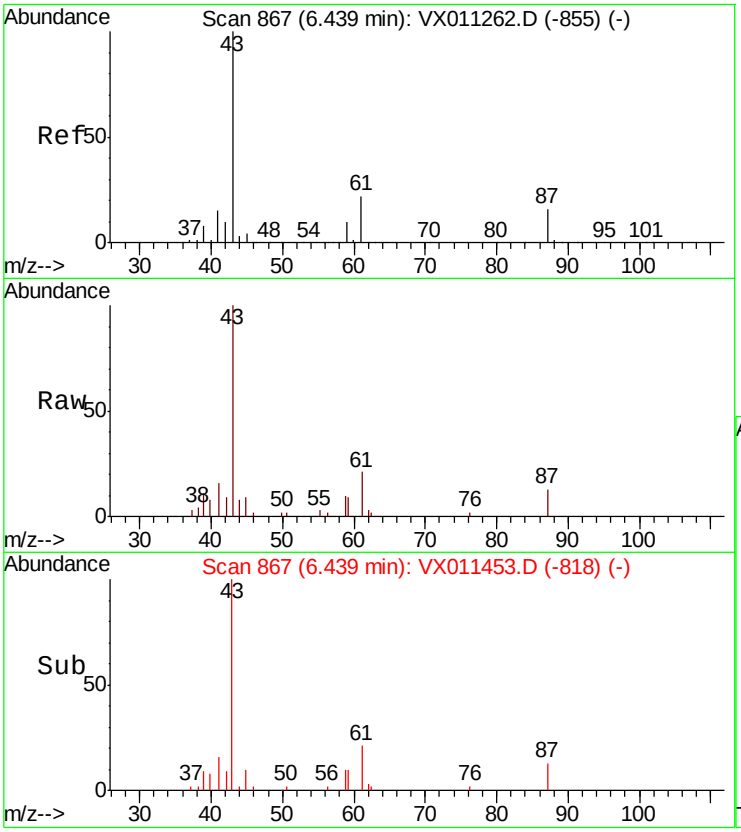


#38
Carbon Tetrachloride
Concen: 7.362 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.13 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

Tgt Ion:117 Resp: 19205

Ion	Ratio	Lower	Upper
117	100		
119	4.5	79.0	118.4#
121	0.0	25.9	38.9#



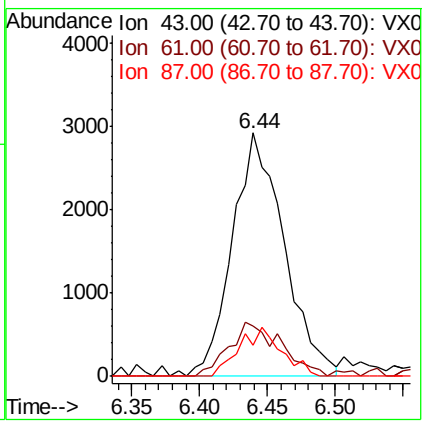


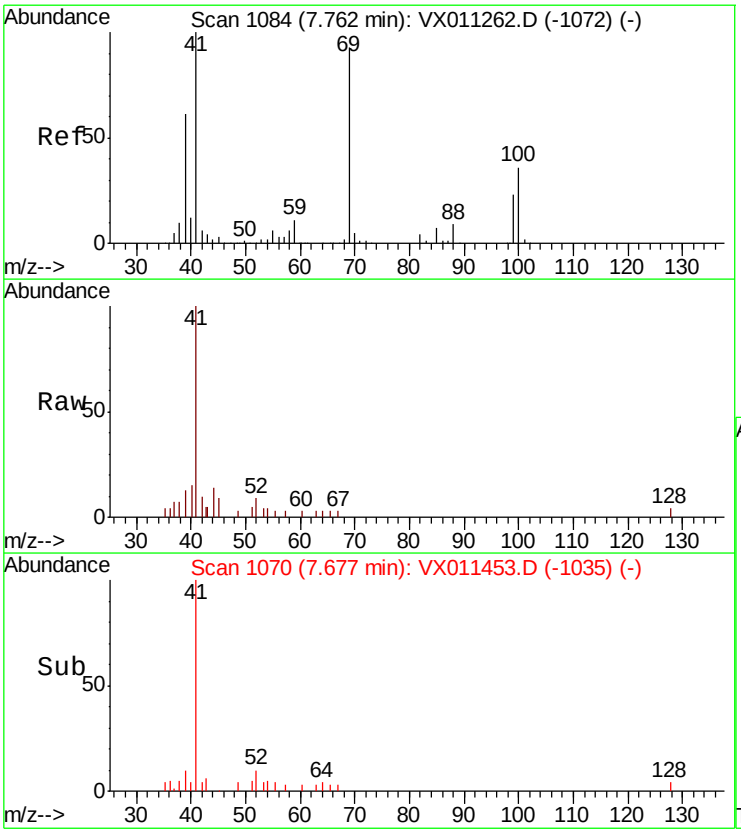
#43
Isopropyl Acetate
Concen: 1.862 ug/l
RT: 6.44 min Scan# 867
Delta R.T. 0.00 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

Instrument :
MSVOA_X
ClientSampleId :
RT-3425

Tgt Ion: 43 Resp: 7744

Ion	Ratio	Lower	Upper
43	100		
61	22.4	16.5	24.7
87	16.4	12.1	18.1

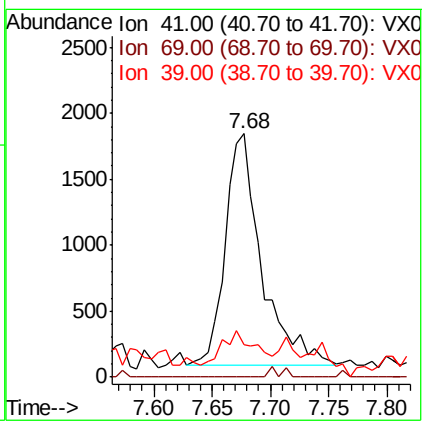


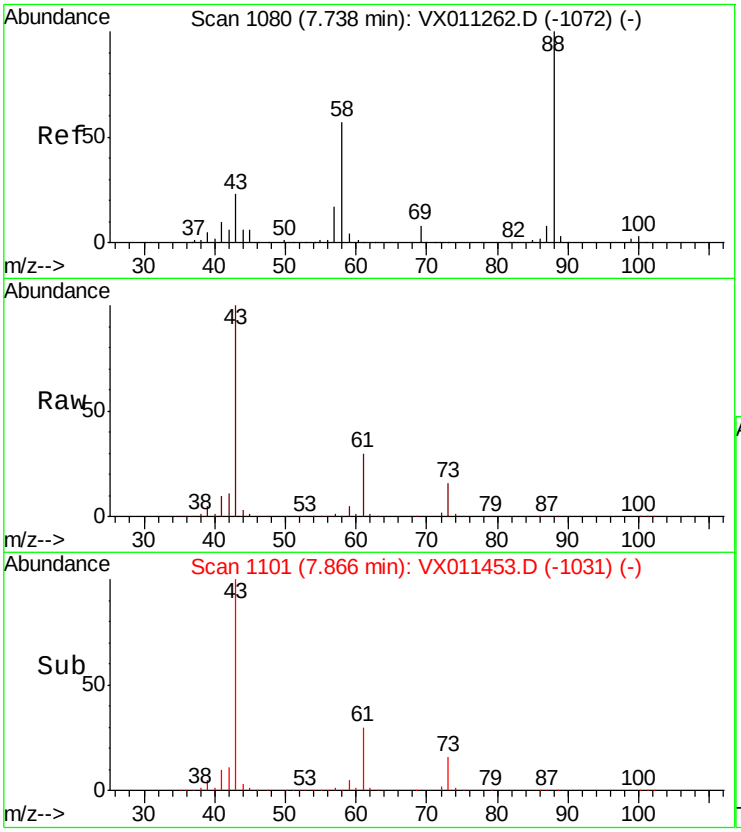


#48
Methyl methacrylate
Concen: 1.941 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

Tgt Ion: 41 Resp: 3799

Ion	Ratio	Lower	Upper
41	100		
69	0.0	74.5	111.7#
39	0.0	48.6	72.8#



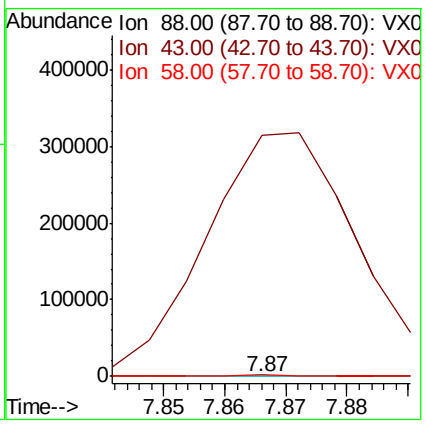


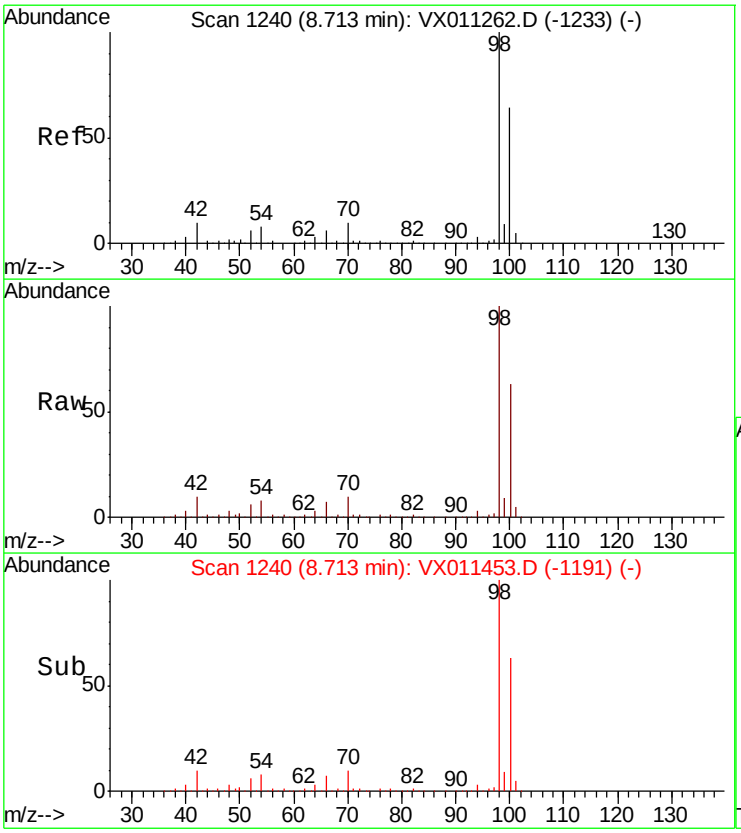
#49
1,4-Dioxane
Concen: 0.335 ug/l
RT: 7.87 min Scan# 1101
Delta R.T. 0.13 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

Instrument : MSVOA_X
ClientSampleId : RT-3425

Tgt Ion: 88 Resp: 19

Ion	Ratio	Lower	Upper
88	100		
43	2921031.6	22.2	33.2#
58	14452.6	47.8	71.8#

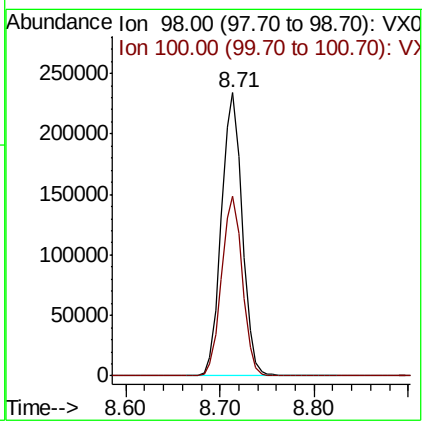


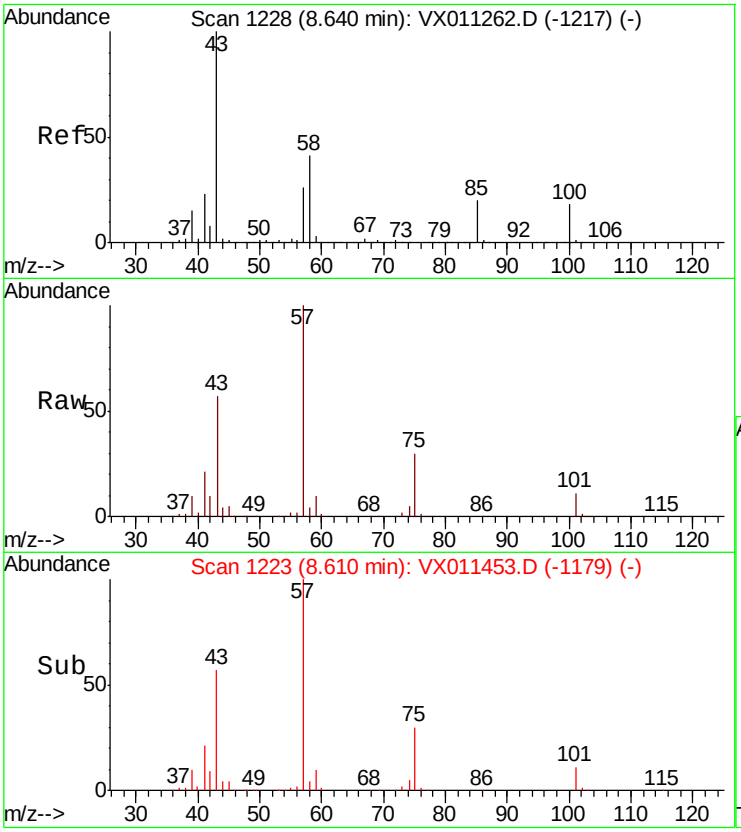


#50
Toluene-d8
Concen: 48.936 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

Tgt Ion: 98 Resp: 358154

Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.7	77.5



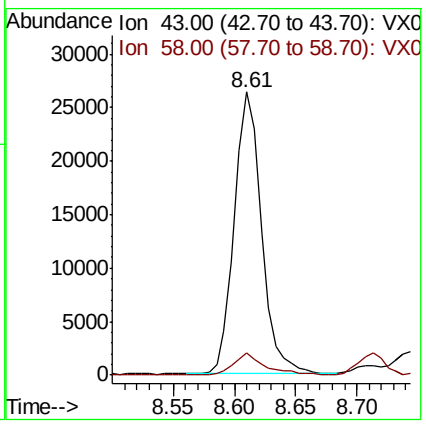


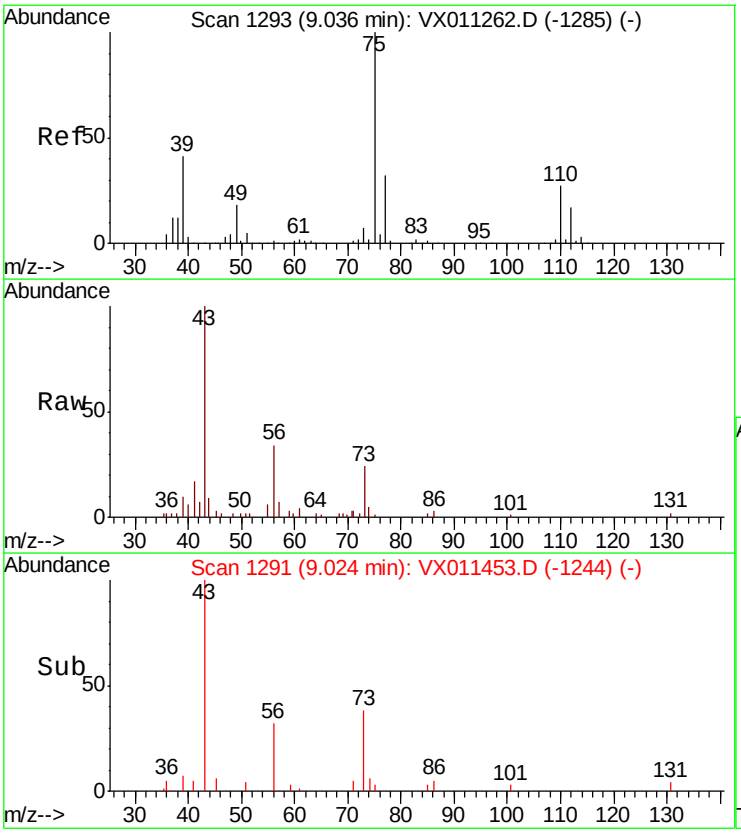
#51
4-Methyl-2-Pentanone
Concen: 15.156 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

Instrument :
MSVOA_X
ClientSampleId :
RT-3425

Tgt Ion: 43 Resp: 40673

Ion	Ratio	Lower	Upper
43	100		
58	8.9	32.3	48.5#

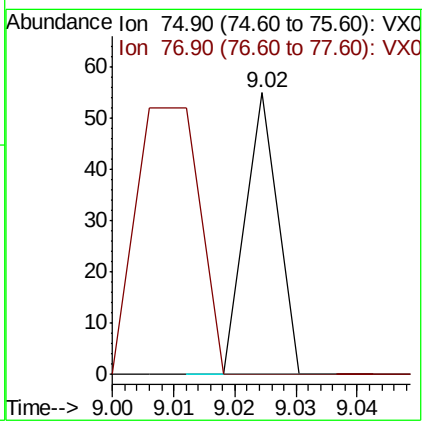


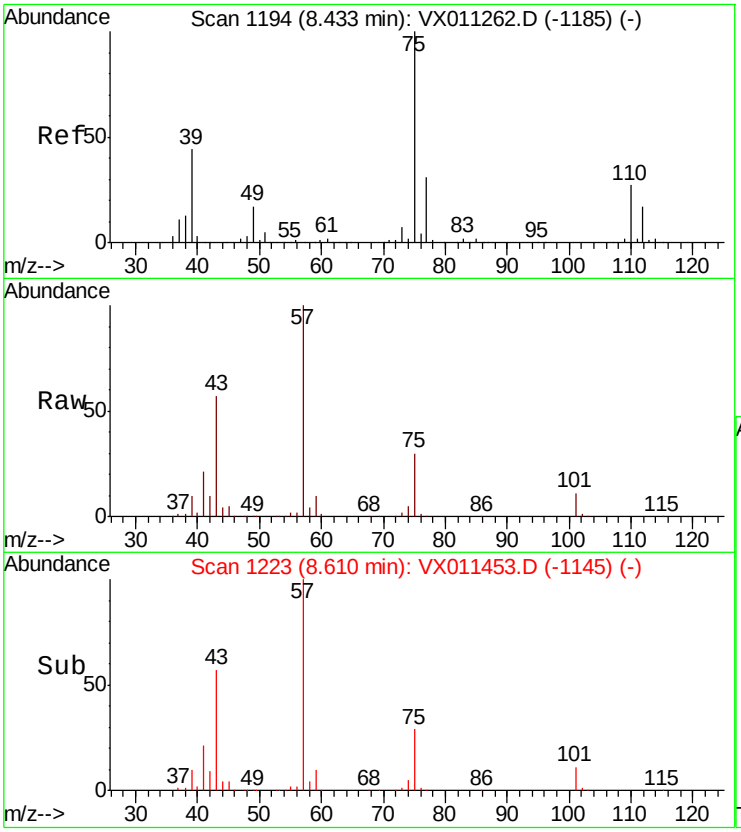


#53
t-1,3-Dichloropropene
Concen: 2.845 ug/l
RT: 9.02 min Scan# 1291
Delta R.T. -0.01 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

Tgt Ion: 75 Resp: 20

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#



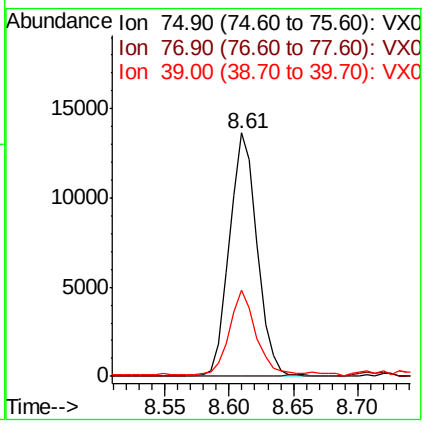


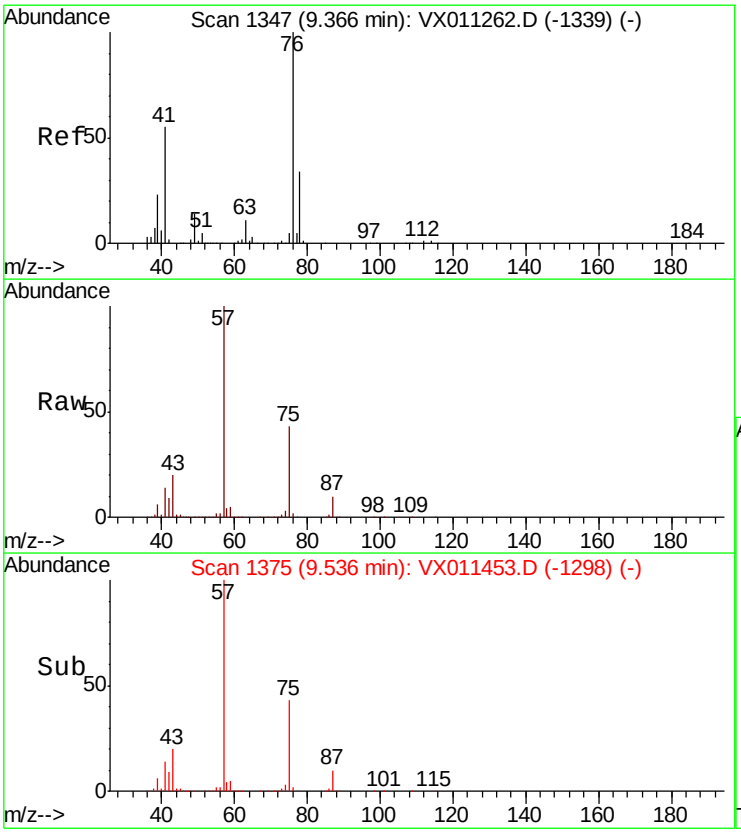
#54
cis-1,3-Dichloropropene
Concen: 7.114 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

Instrument :
MSVOA_X
ClientSampleId :
RT-3425

Tgt Ion: 75 Resp: 20583

Ion	Ratio	Lower	Upper
75	100		
77	0.4	25.0	37.6#
39	34.7	35.3	52.9#

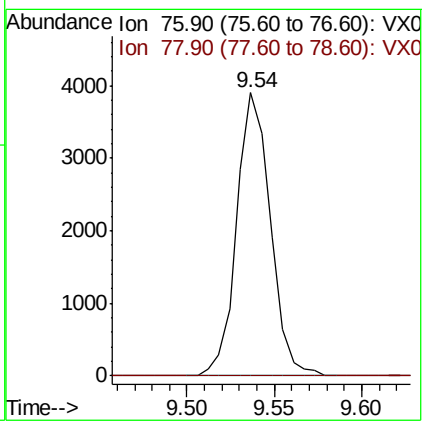


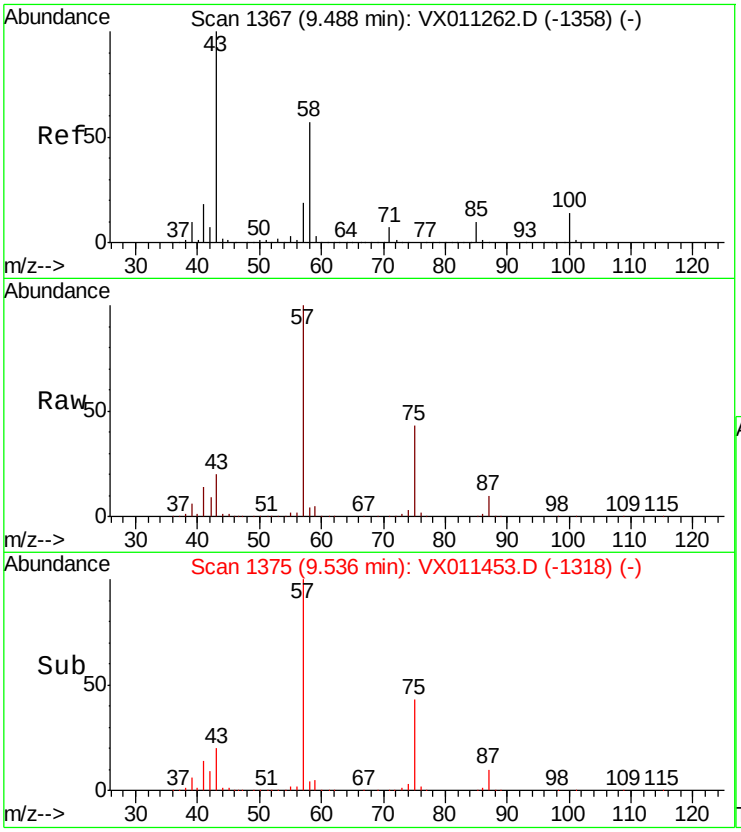


#57
1,3-Dichloropropane
Concen: 1.574 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.17 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

Tgt Ion: 76 Resp: 5235

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.6	40.0#



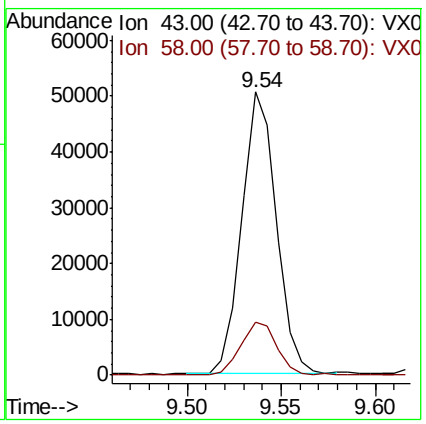


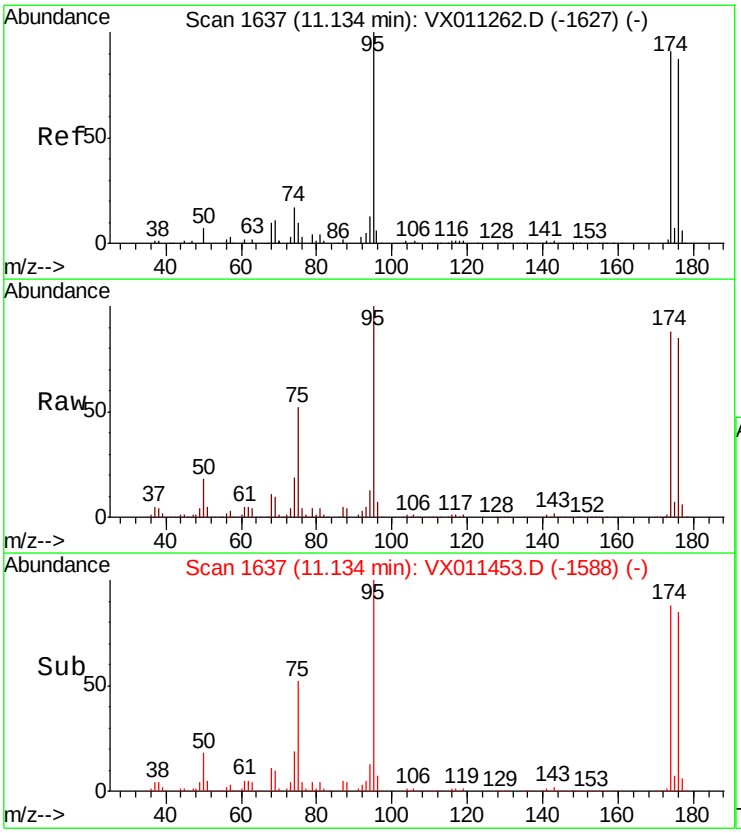
#59
2-Hexanone
Concen: 30.883 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.05 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

Instrument :
MSVOA_X
ClientSampleId :
RT-3425

Tgt Ion: 43 Resp: 64194

Ion	Ratio	Lower	Upper
43	100		
58	20.4	28.2	84.6#

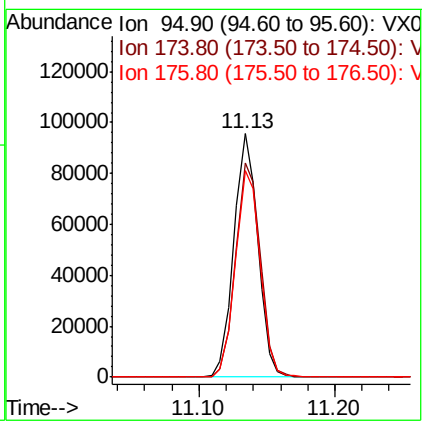


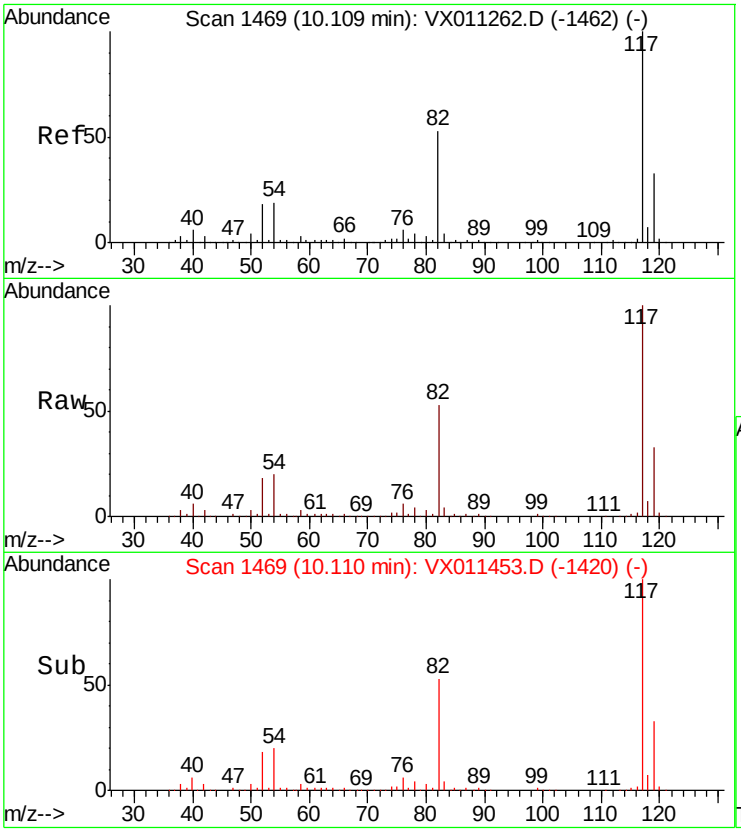


#62
4-Bromofluorobenzene
Concen: 44.975 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

Tgt Ion: 95 Resp: 117522

Ion	Ratio	Lower	Upper
95	100		
174	91.0	0.0	191.2
176	87.5	0.0	184.8



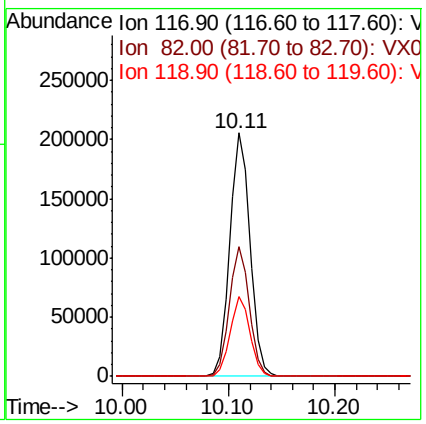


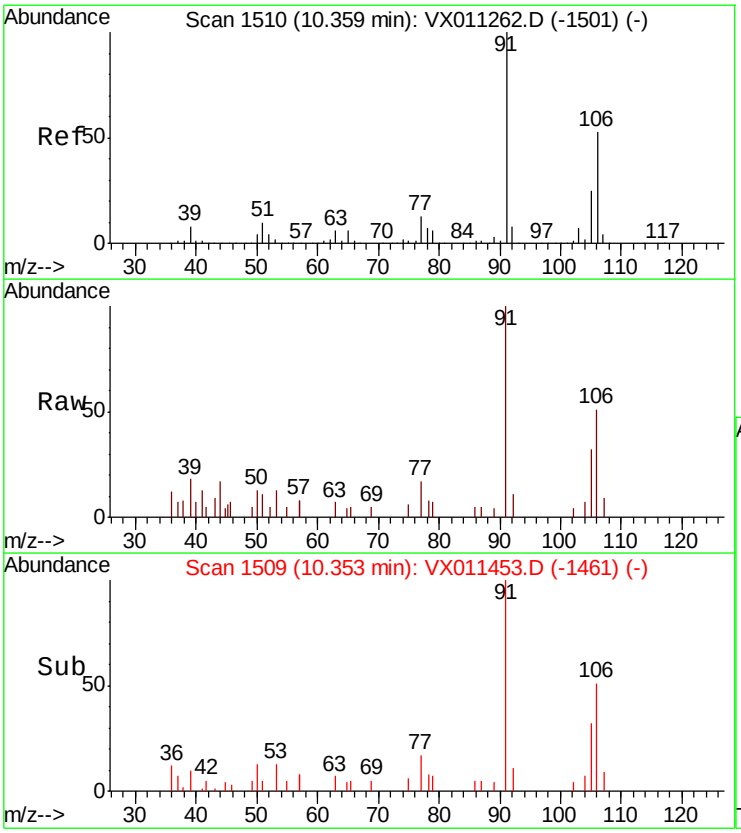
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

Instrument : MSVOA_X
ClientSampleId : RT-3425

Tgt Ion:117 Resp: 274911

Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.2	63.2
119	32.9	26.6	39.8

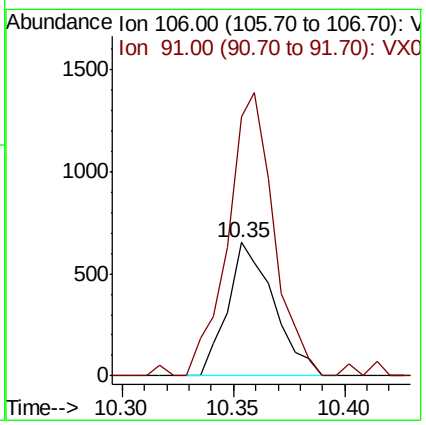


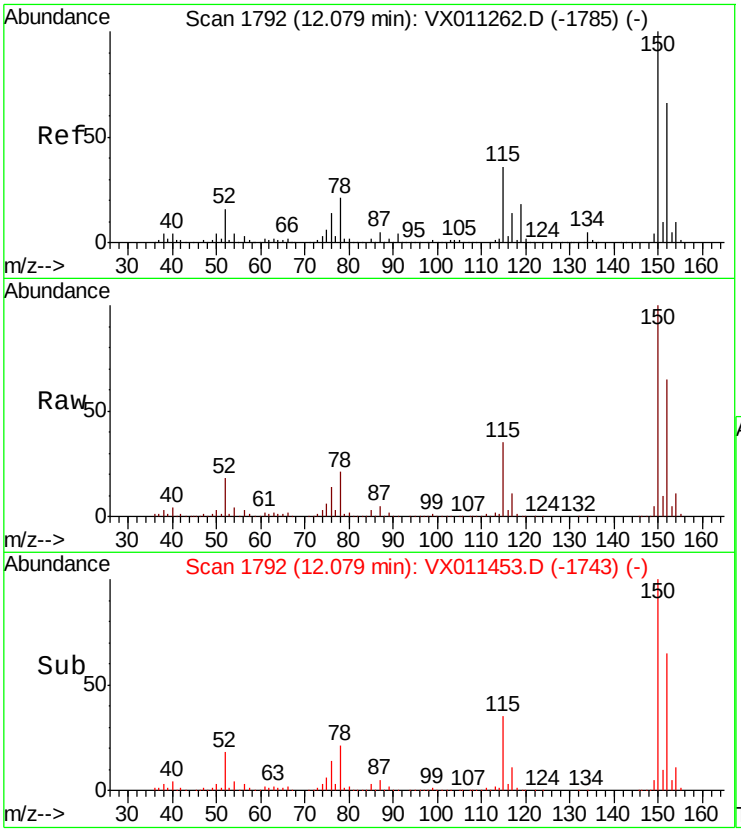


#68
m/p-Xylenes
Concen: 0.247 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

Tgt Ion:106 Resp: 944

Ion	Ratio	Lower	Upper
106	100		
91	213.6	155.9	233.9



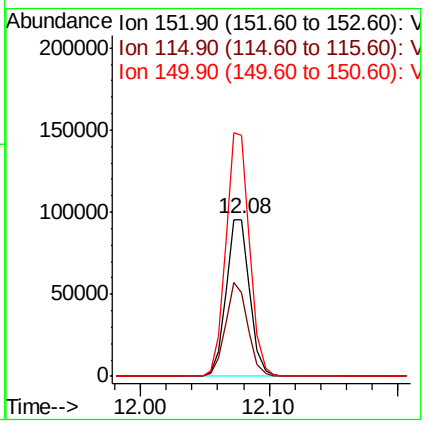


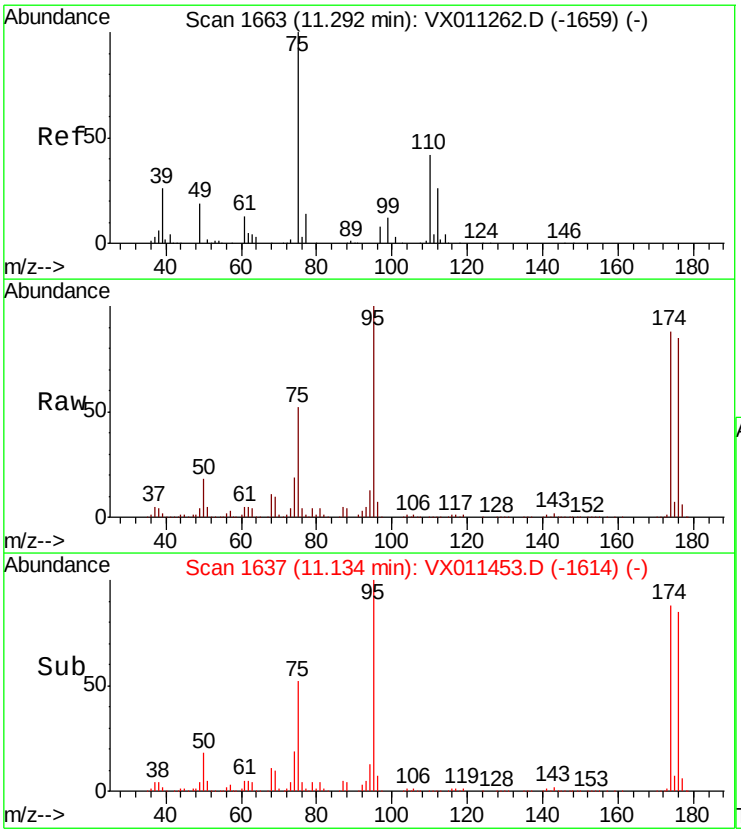
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

Instrument : MSVOA_X
ClientSampleId : RT-3425

Tgt Ion:152 Resp: 122751

Ion	Ratio	Lower	Upper
152	100		
115	56.8	40.0	119.9
150	155.6	0.0	350.4

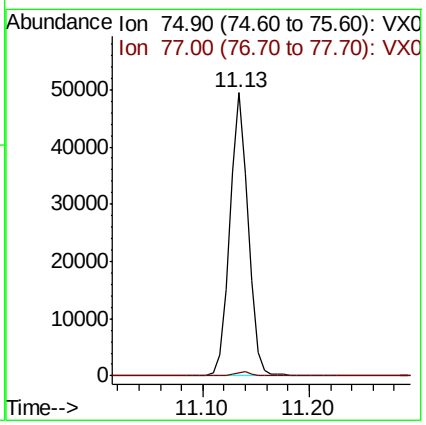


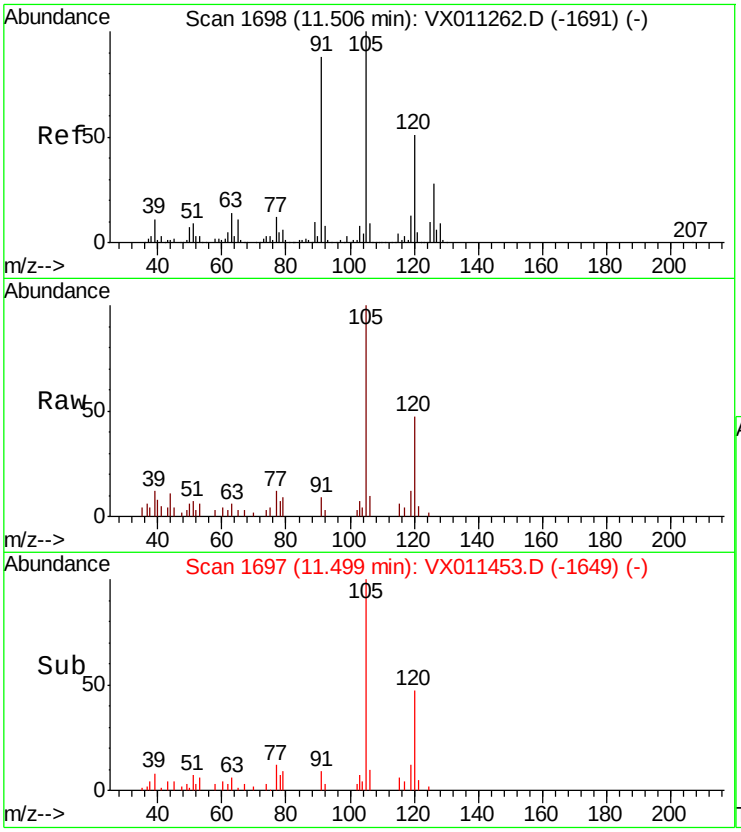


#76
1,2,3-Trichloropropane
Concen: 26.648 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

Tgt Ion: 75 Resp: 59571

Ion	Ratio	Lower	Upper
75	100		
77	1.4	21.1	63.4#



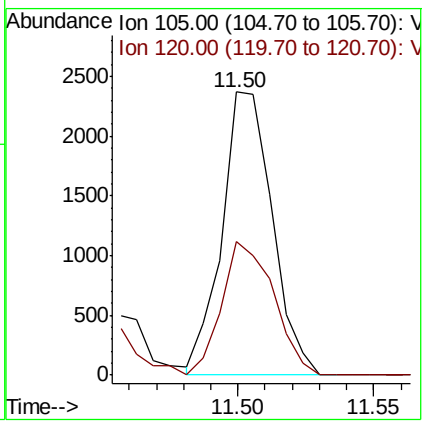


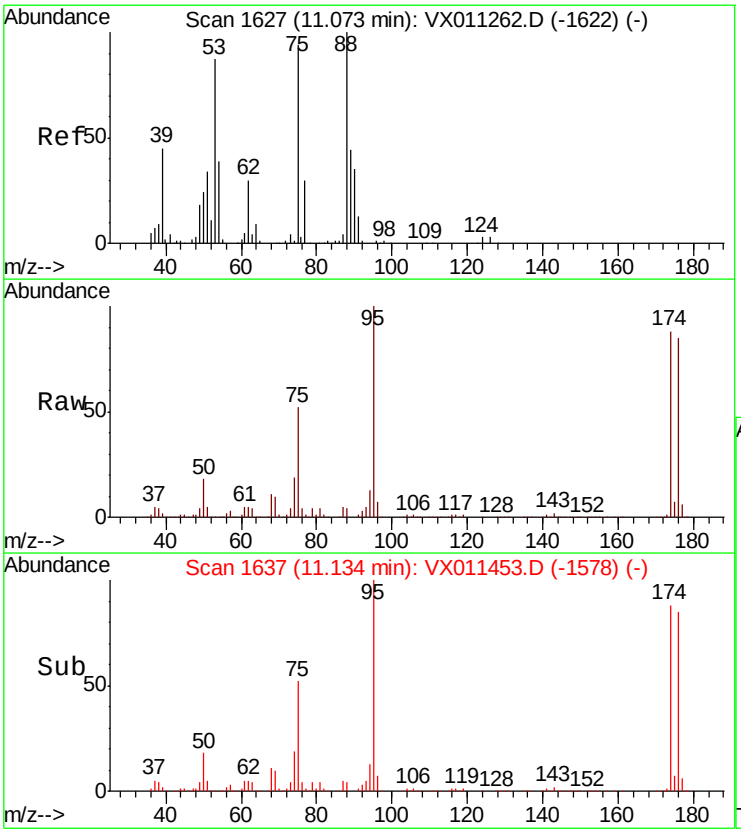
#80
1,3,5-Trimethylbenzene
Concen: 0.433 ug/l
RT: 11.50 min Scan# 1697
Delta R.T. -0.01 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

Instrument :
MSVOA_X
ClientSampleId :
RT-3425

Tgt Ion:105 Resp: 3042

Ion	Ratio	Lower	Upper
105	100		
120	48.5	25.1	75.2

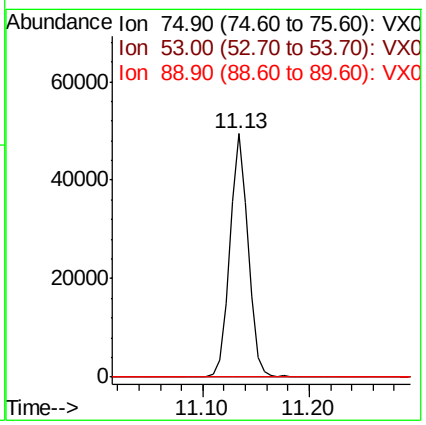


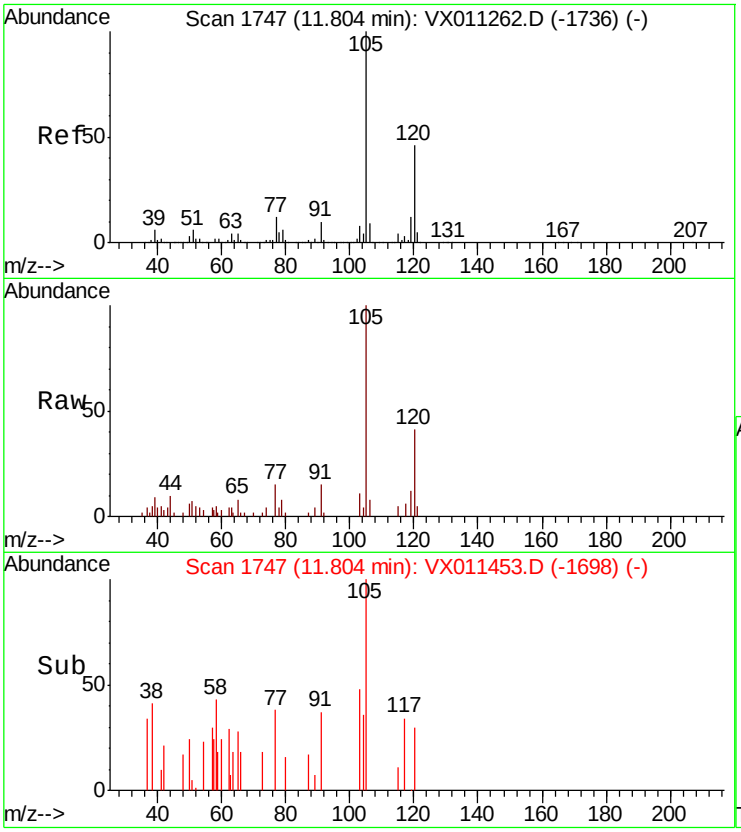


#81
trans-1,4-Dichloro-2-butene
Concen: 69.243 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

Tgt Ion: 75 Resp: 59571

Ion	Ratio	Lower	Upper
75	100		
53	0.3	78.2	117.4#
89	0.0	37.9	56.9#



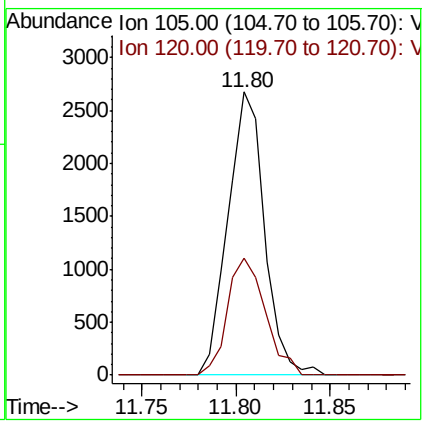


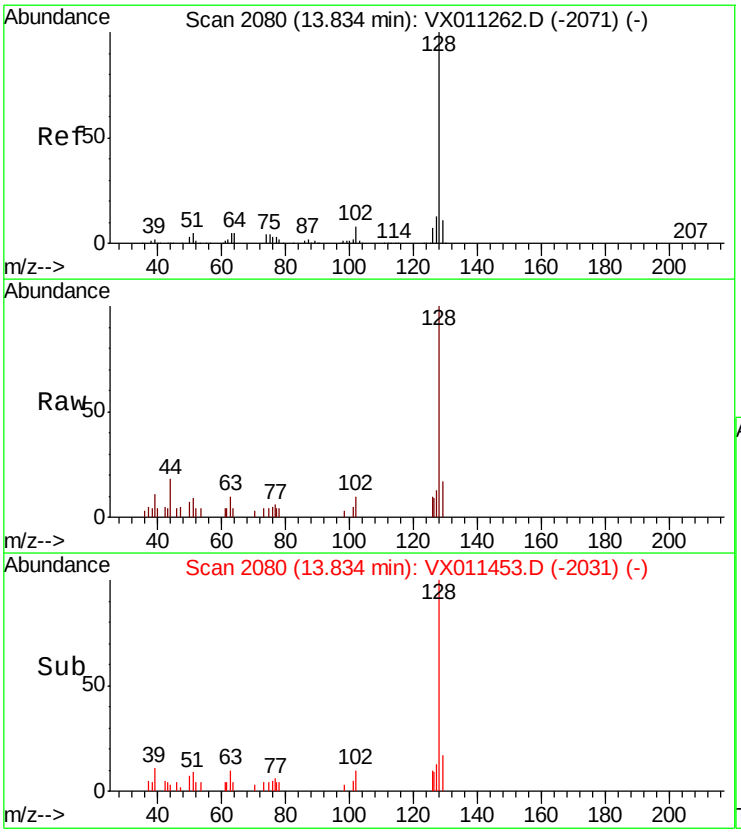
#84
1,2,4-Trimethylbenzene
Concen: 0.514 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

Instrument :
MSVOA_X
ClientSampleId :
RT-3425

Tgt Ion:105 Resp: 3595

Ion	Ratio	Lower	Upper
105	100		
120	42.8	23.0	69.0





#95
Naphthalene
Concen: 0.313 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX011453.D
Acq: 12 Aug 2019 00:48

Tgt Ion:128 Resp: 2510

Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.4	15.6
129	17.0	8.9	13.3#