Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040620\
Data File : VX015520.D
Acq On : 06 Apr 2020 18:04
Operator : JC/SP
Sample : L2112-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : HR-06-040220

Quant Time: Apr 07 05:04:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1139865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1876524	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1792697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	1018838	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	780135	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.06%			
35) Dibromofluoromethane	5.47	113	598037	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.72%			
50) Toluene-d8	8.70	98	2271569	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.88%			
62) 4-Bromofluorobenzene	11.12	95	996639	55.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.06%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	791	Below Cal	#	21
6) Chloroethane	1.75	64	1623	0.223	ug/l #	43
11) Tert butyl alcohol	3.01	59	8047	2.091	ug/l #	88
13) Acrolein	2.27	56	851	0.388	ug/l #	14
16) Acetone	2.42	43	63124	9.139	ug/l	97
18) Methyl Acetate	2.75	43	15051	0.854	ug/l #	81
20) Methylene Chloride	2.84	84	37175	2.882	ug/l	99
25) 2-Butanone	4.65	43	14289	1.286	ug/l	97
29) Tetrahydrofuran	5.11	42	1844	0.258	ug/l #	67
36) 1,1-Dichloropropene	5.63	75	89324	5.166	ug/l #	51
38) Carbon Tetrachloride	5.64	117	111860	5.973	ug/l #	15
40) Benzene	6.12	78	16222	0.320	ug/l #	77
43) Isopropyl Acetate	6.42	43	387403	10.194	ug/l	99
48) Methyl methacrylate	7.85	41	559948	29.498	ug/l #	49
49) 1,4-Dioxane	7.70	88	547	1.545	ug/l #	1
51) 4-Methyl-2-Pentanone	8.59	43	369407	17.152	ug/l #	52
54) cis-1,3-Dichloropropene	8.59	75	150569	6.508	ug/l #	54
59) 2-Hexanone	9.53	43	383933	23.611	ug/l #	52
68) m/p-Xylenes	10.34	106	12589	0.533	ug/l	82
69) o-Xylene	10.68	106	12890	0.552	ug/l	86
74) N-amyl acetate	10.81	43	17355	0.467	ug/l #	56
76) 1,2,3-Trichloropropane	11.12	75	519208	24.781	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.50	105	32091	0.563	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.12	75	519208	59.462	ug/l #	10
83) tert-Butylbenzene	11.79	119	14487	0.260	ug/l #	54
84) 1,2,4-Trimethylbenzene	11.79	105	107703	1.854	ug/l	99
95) Naphthalene	13.82	128	21771	0.289	ug/l #	93

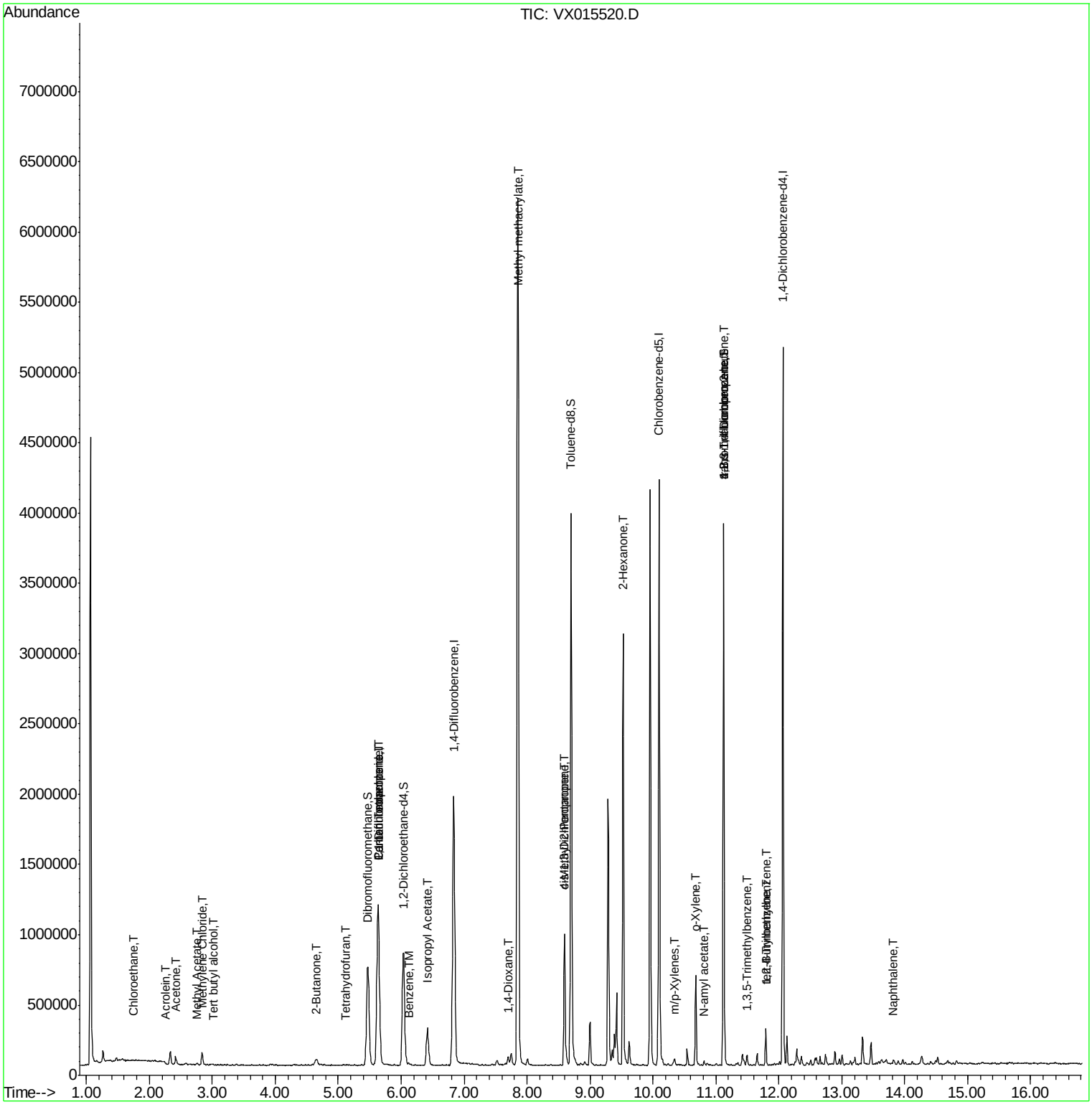
(#) = qualifier out of range (m) = manual integration (+) = signals summed

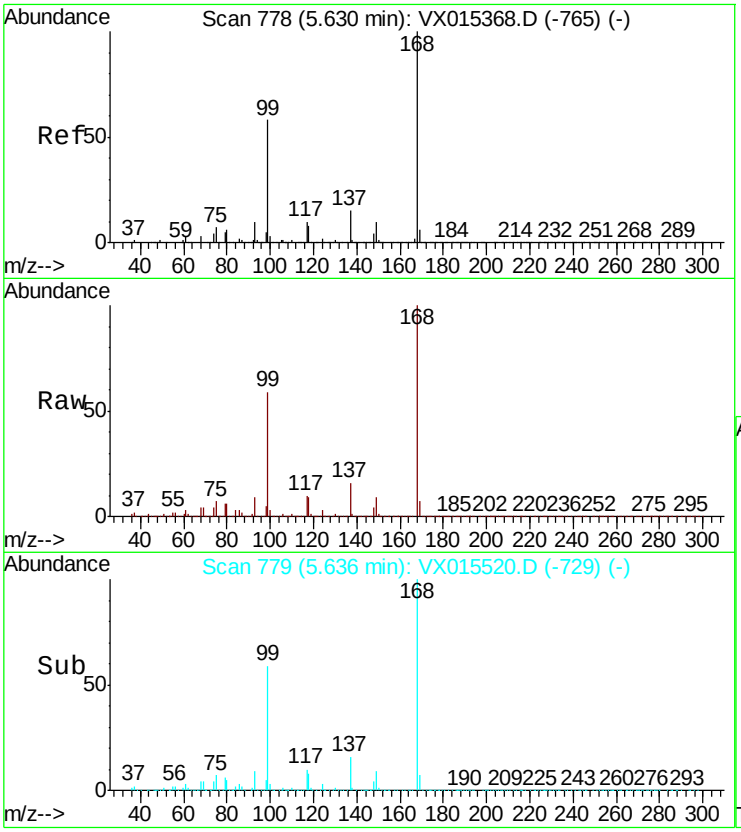
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040620\
Data File : VX015520.D
Acq On : 06 Apr 2020 18:04
Operator : JC/SP
Sample : L2112-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
HR-06-040220

Quant Time: Apr 07 05:04:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration



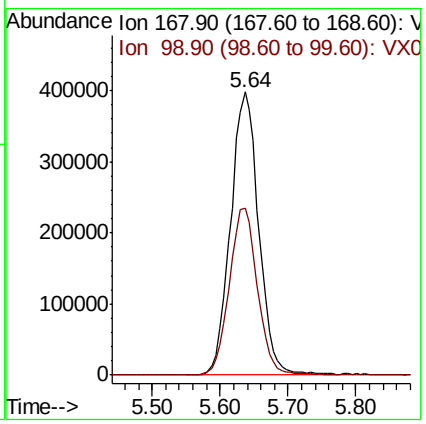


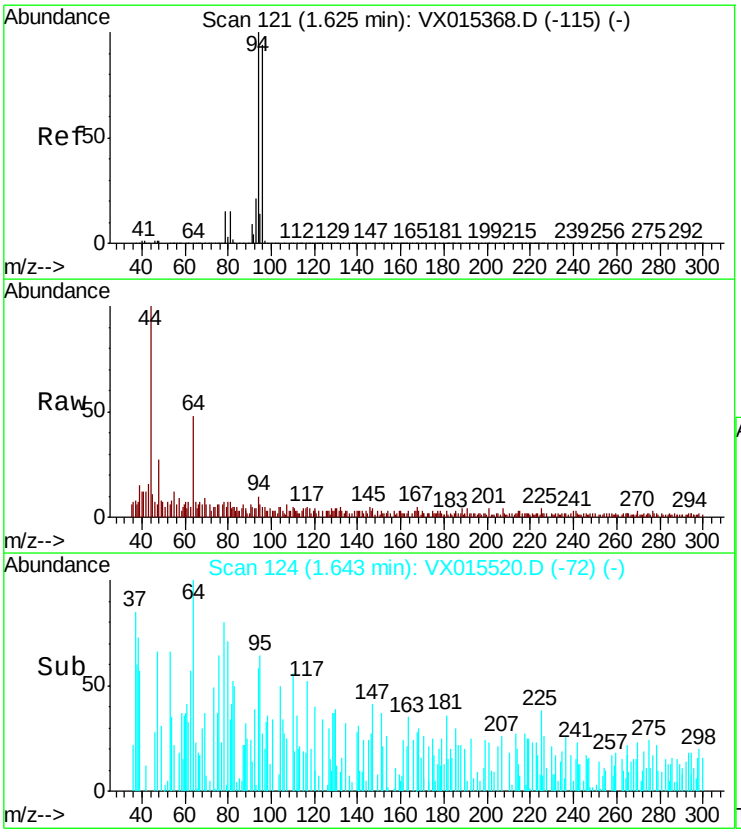
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 779
Delta R.T. 0.01 min
Lab File: VX015520.D
Acq: 06 Apr 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
HR-06-040220

Tgt Ion:168 Resp: 1139865

Ion	Ratio	Lower	Upper
168	100		
99	59.0	46.4	69.6

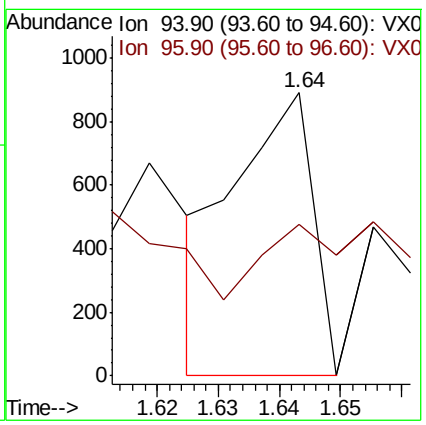


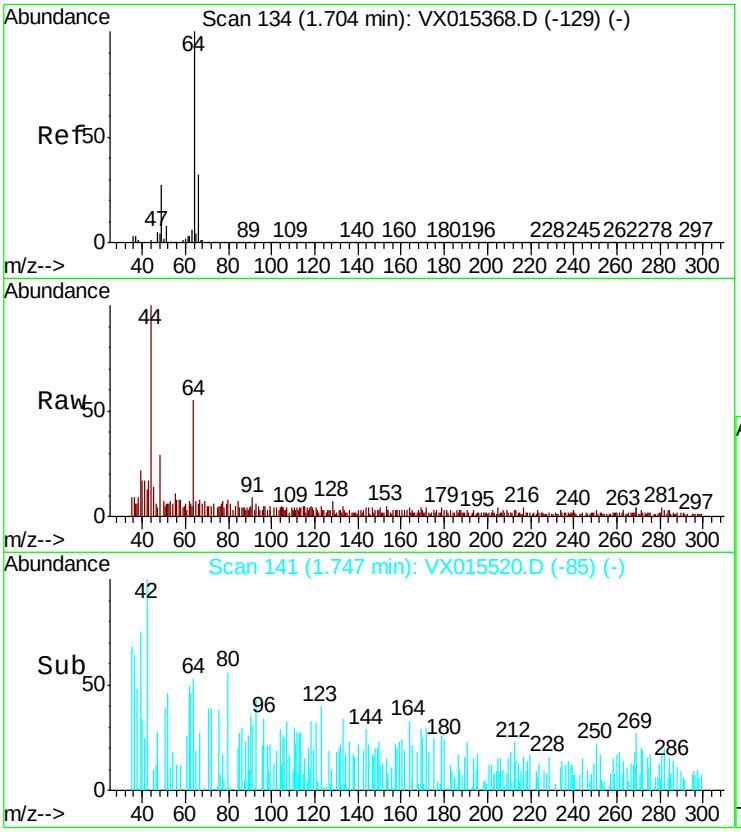


#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 124
Delta R.T. 0.02 min
Lab File: VX015520.D
Acq: 06 Apr 2020 18:04

Tgt Ion: 94 Resp: 791

Ion	Ratio	Lower	Upper
94	100		
96	17.7	74.8	112.2#



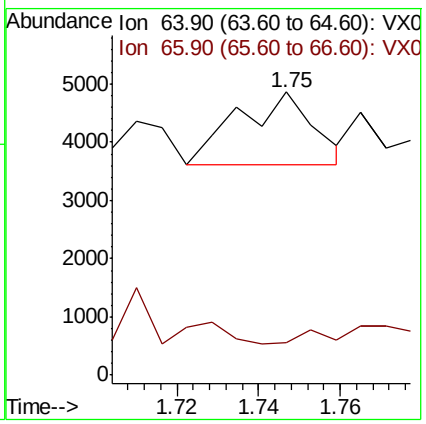


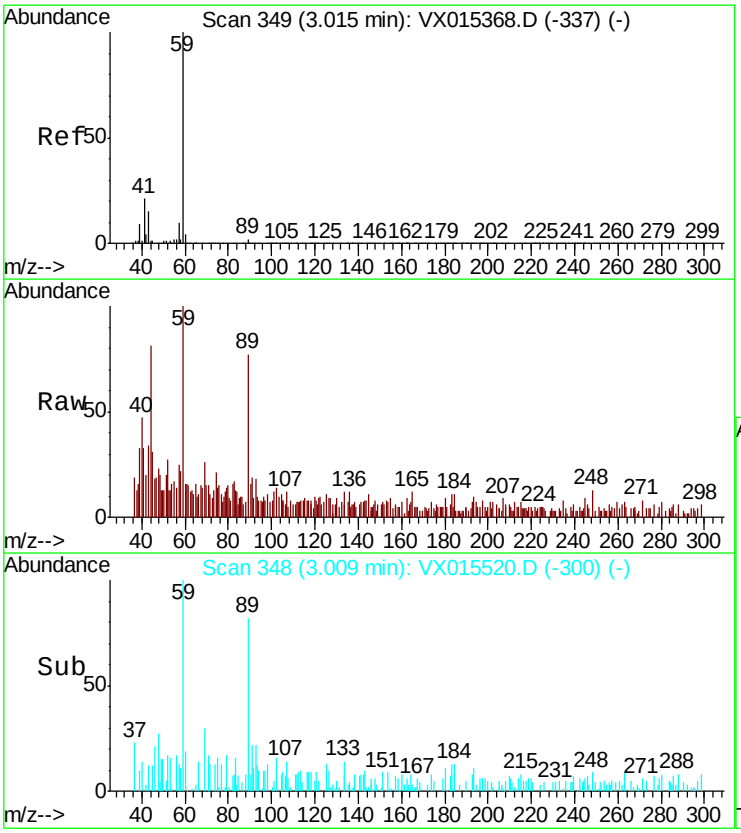
#6
Chloroethane
Concen: 0.223 ug/l
RT: 1.75 min Scan# 141
Delta R.T. 0.04 min
Lab File: VX015520.D
Acq: 06 Apr 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
HR-06-040220

Tgt Ion: 64 Resp: 1623

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.4	38.2#

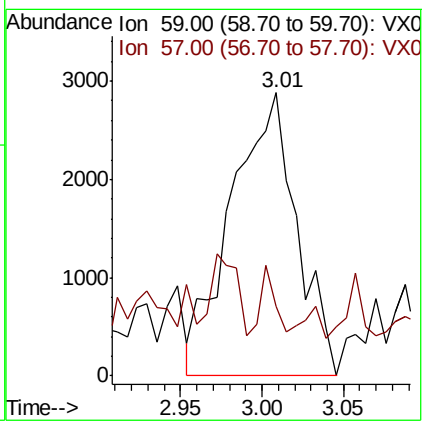


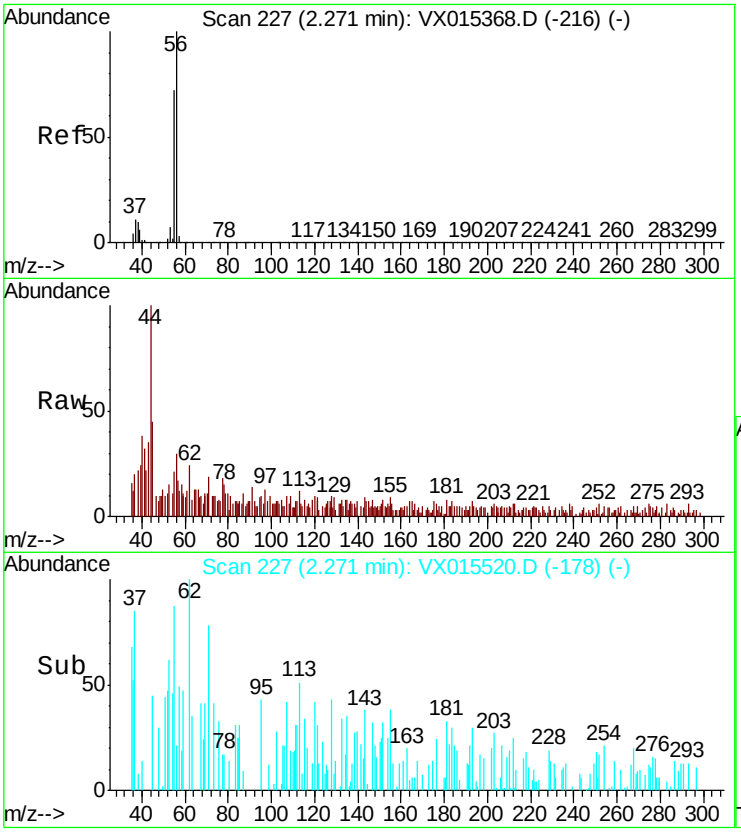


#11
Tert butyl alcohol
Concen: 2.091 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015520.D
Acq: 06 Apr 2020 18:04

Tgt Ion: 59 Resp: 8047

Ion	Ratio	Lower	Upper
59	100		
57	5.5	8.1	12.1#



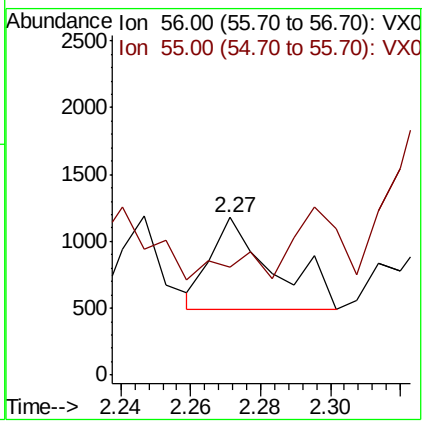


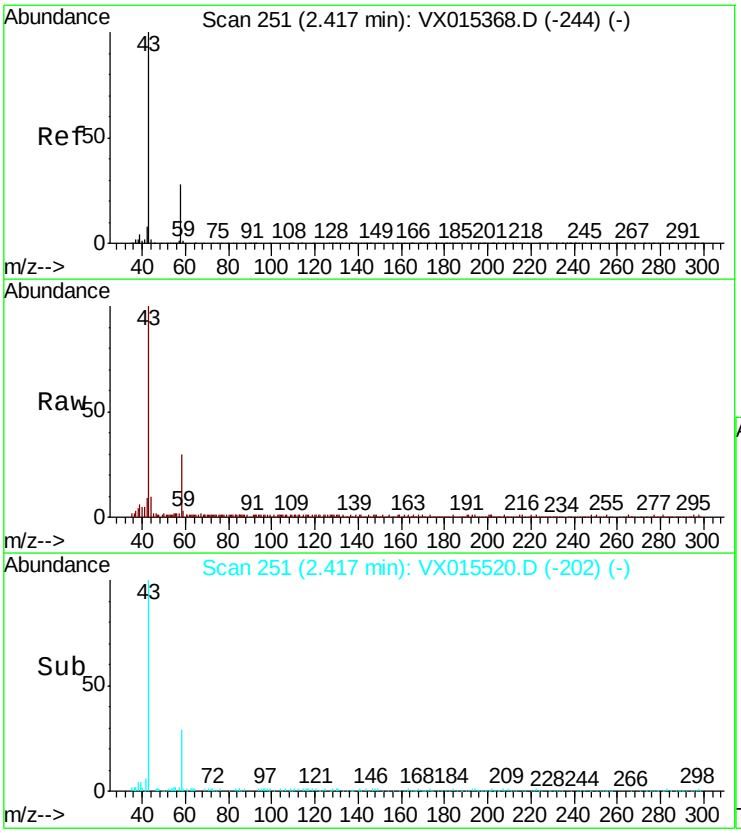
#13
Acrolein
Concen: 0.388 ug/l
RT: 2.27 min Scan# 227
Delta R.T. 0.00 min
Lab File: VX015520.D
Acq: 06 Apr 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
HR-06-040220

Tgt Ion: 56 Resp: 851

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.0	85.4#

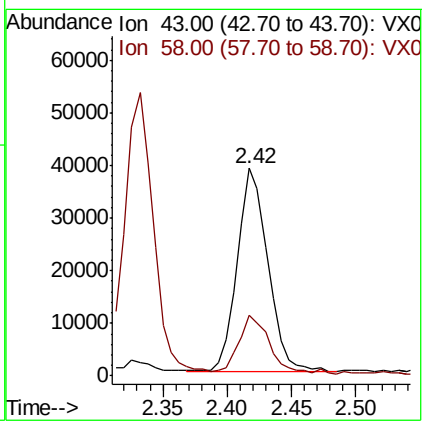


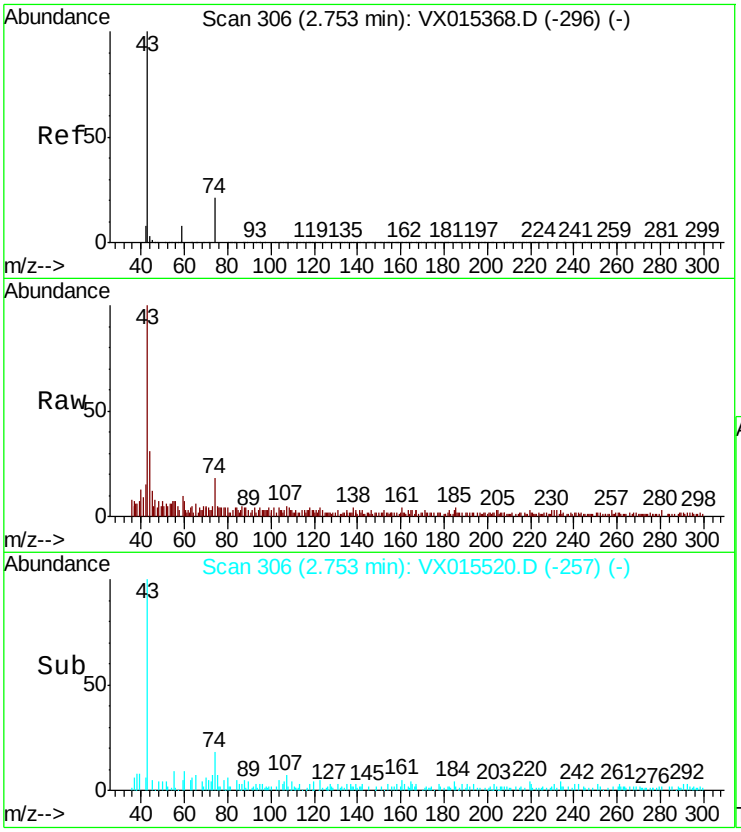


#16
Acetone
Concen: 9.139 ug/l
RT: 2.42 min Scan# 251
Delta R.T. 0.00 min
Lab File: VX015520.D
Acq: 06 Apr 2020 18:04

Tgt Ion: 43 Resp: 63124

Ion	Ratio	Lower	Upper
43	100		
58	29.3	22.1	33.1



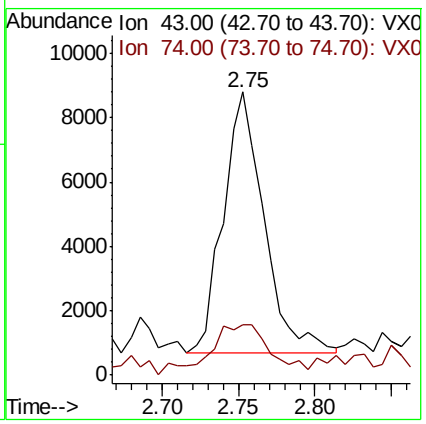


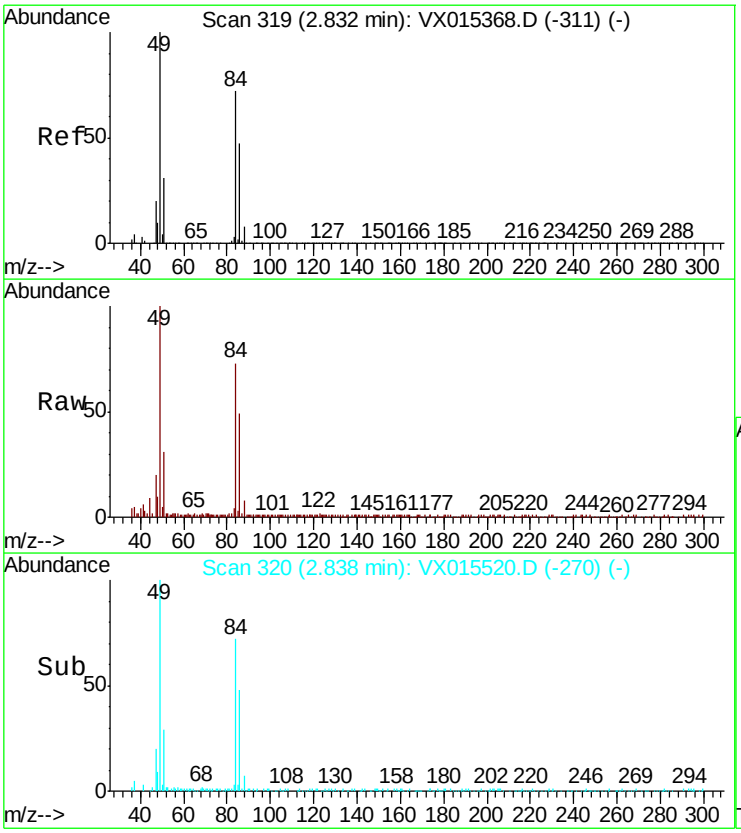
#18
Methyl Acetate
Concen: 0.854 ug/l
RT: 2.75 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX015520.D
Acq: 06 Apr 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
HR-06-040220

Tgt Ion: 43 Resp: 15051

Ion	Ratio	Lower	Upper
43	100		
74	29.3	16.5	24.7#

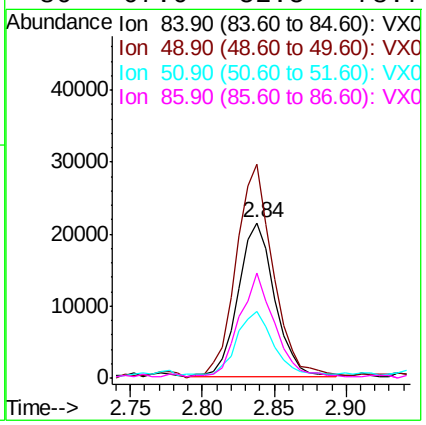


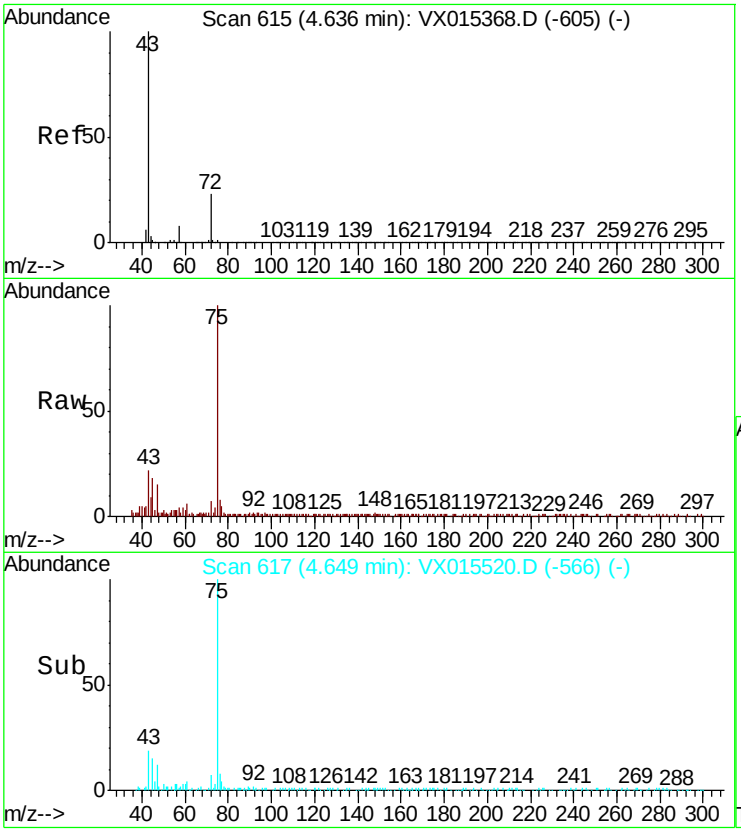


#20
Methylene Chloride
Concen: 2.882 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015520.D
Acq: 06 Apr 2020 18:04

Tgt Ion: 84 Resp: 37175

Ion	Ratio	Lower	Upper
84	100		
49	139.3	111.3	166.9
51	40.4	34.0	51.0
86	67.0	52.5	78.7



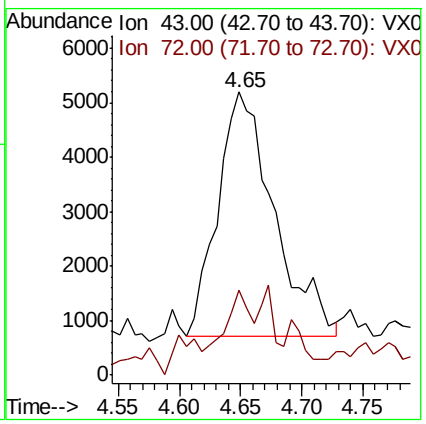


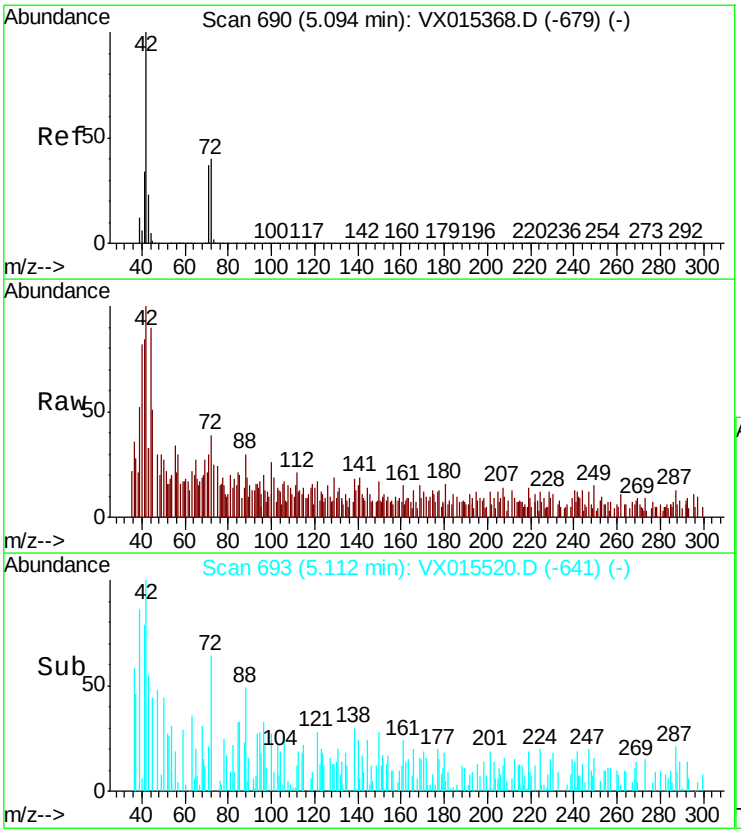
#25
2-Butanone
Concen: 1.286 ug/l
RT: 4.65 min Scan# 617
Delta R.T. 0.01 min
Lab File: VX015520.D
Acq: 06 Apr 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
HR-06-040220

Tgt Ion: 43 Resp: 14289

Ion	Ratio	Lower	Upper
43	100		
72	25.2	19.0	28.4

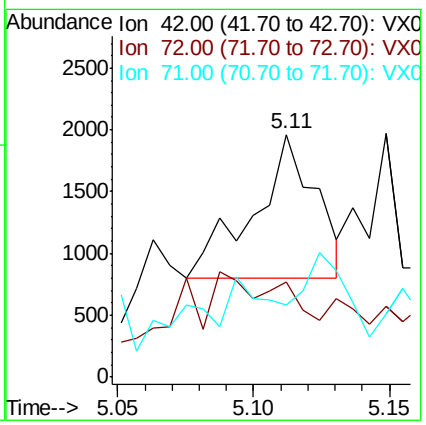


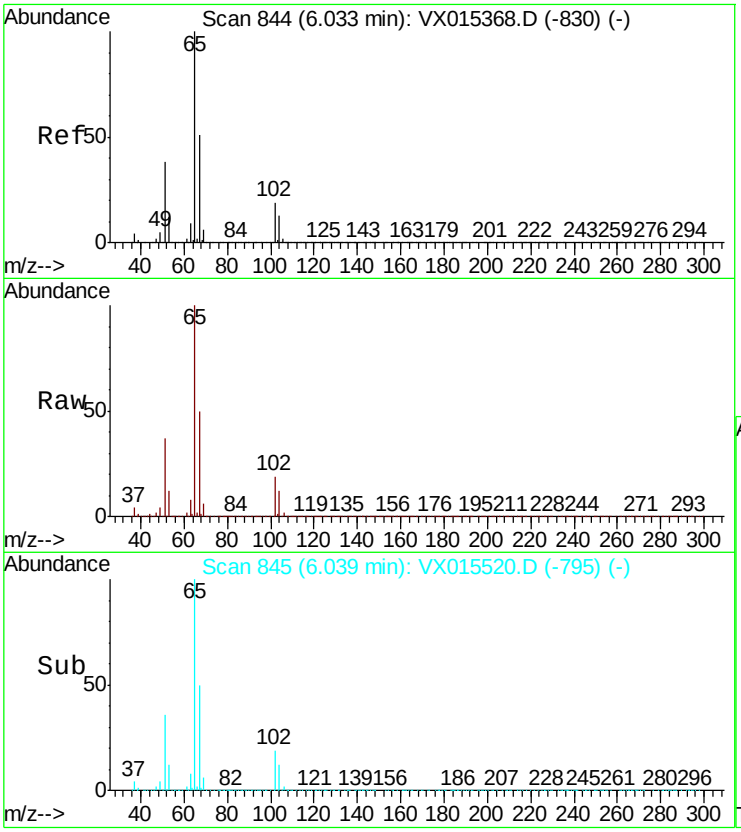


#29
Tetrahydrofuran
Concen: 0.258 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.02 min
Lab File: VX015520.D
Acq: 06 Apr 2020 18:04

Tgt Ion: 42 Resp: 1844

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.7	47.5#
71	37.1	29.6	44.4



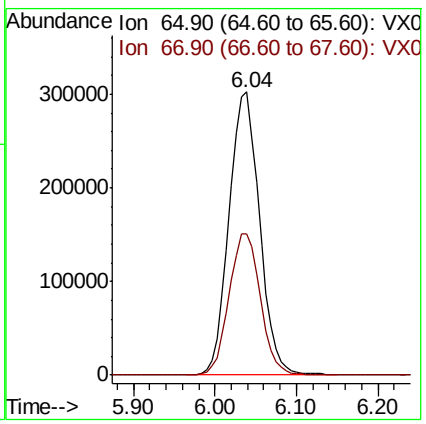


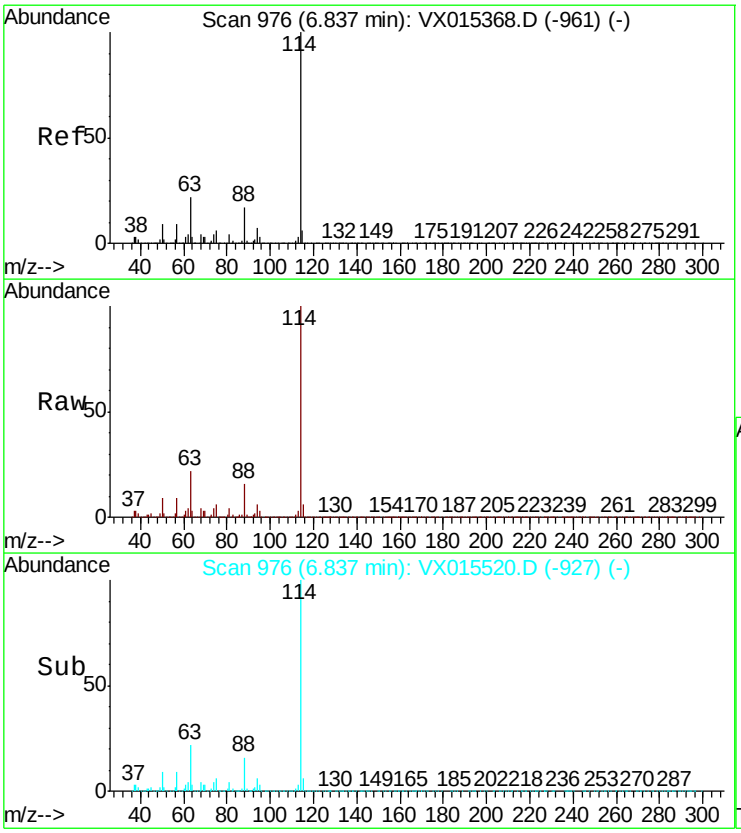
#33
1,2-Dichloroethane-d4
Concen: 48.526 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.01 min
Lab File: VX015520.D
Acq: 06 Apr 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
HR-06-040220

Tgt Ion: 65 Resp: 780135

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	102.6

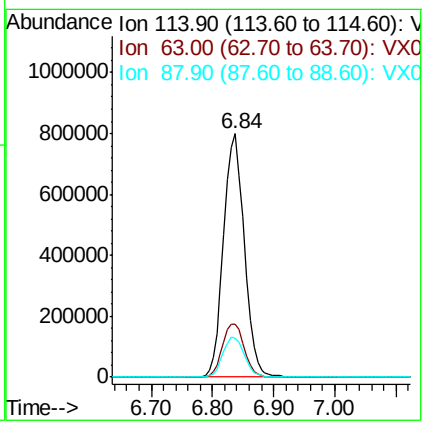


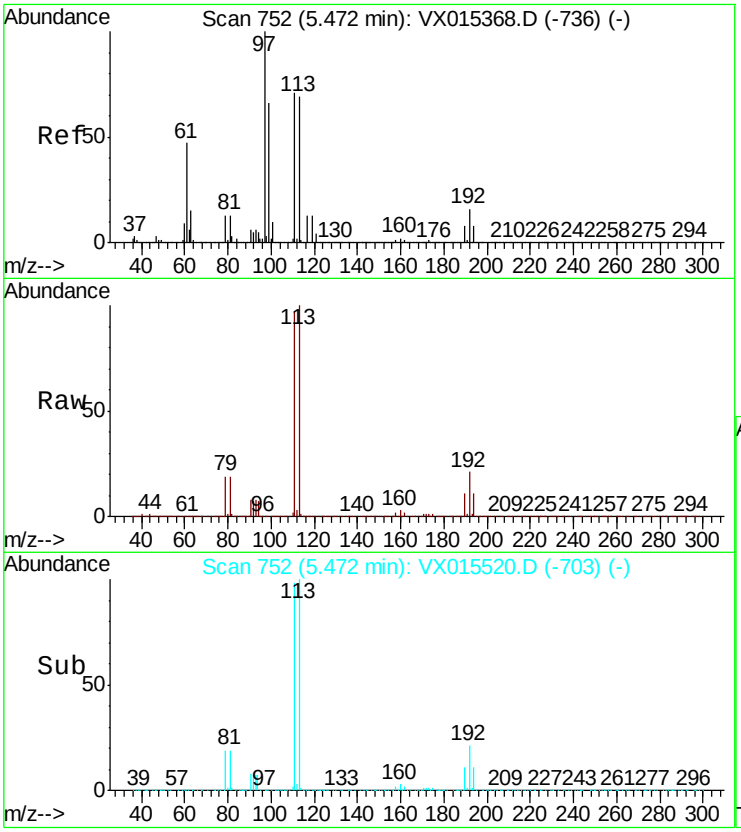


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 976
Delta R.T. 0.00 min
Lab File: VX015520.D
Acq: 06 Apr 2020 18:04

Tgt Ion:114 Resp: 1876524

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	44.2
88	16.1	0.0	33.8



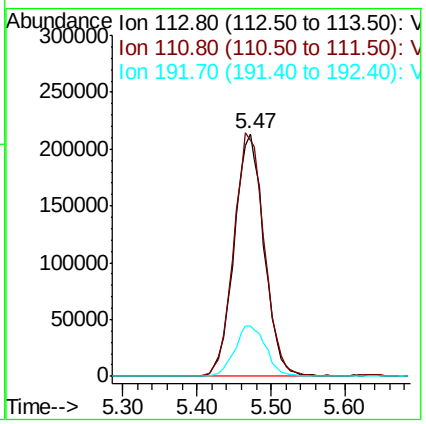


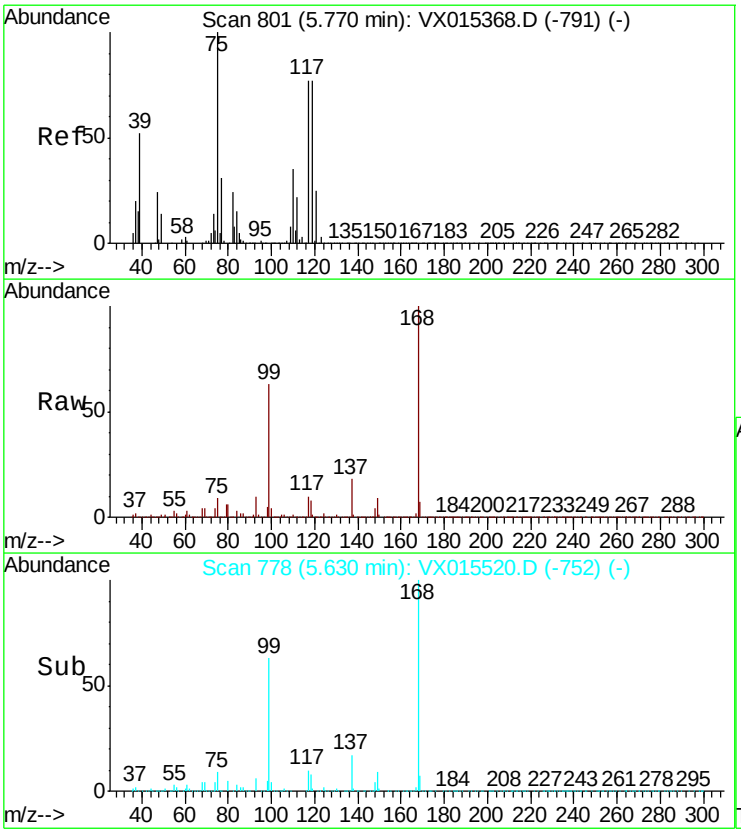
#35
Dibromofluoromethane
Concen: 49.856 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX015520.D
Acq: 06 Apr 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
HR-06-040220

Tgt Ion:113 Resp: 598037

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.5	122.3
192	22.1	17.8	26.6

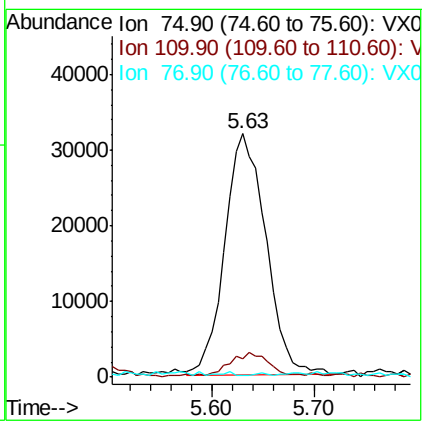


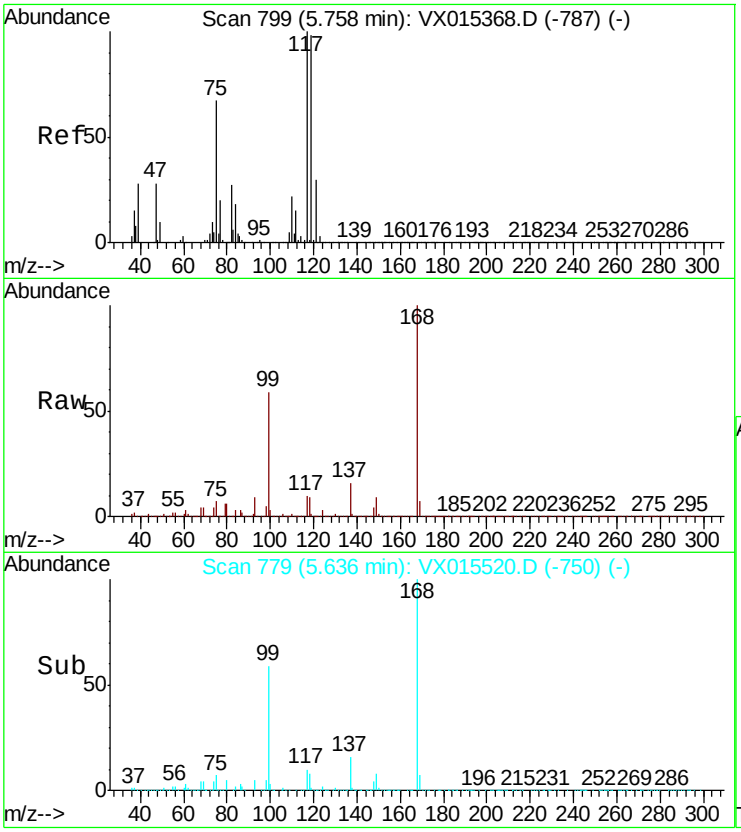


#36
1,1-Dichloropropene
Concen: 5.166 ug/l
RT: 5.63 min Scan# 778
Delta R.T. -0.14 min
Lab File: VX015520.D
Acq: 06 Apr 2020 18:04

Tgt Ion: 75 Resp: 89324

Ion	Ratio	Lower	Upper
75	100		
110	9.7	17.1	51.3#
77	0.3	24.6	36.8#



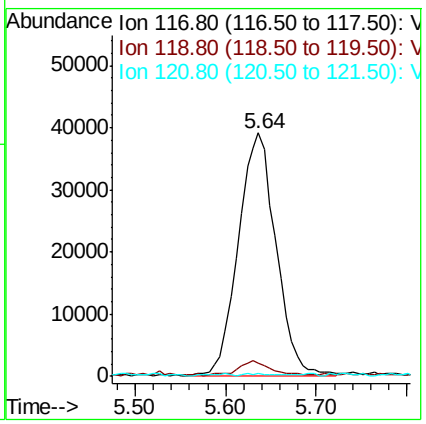


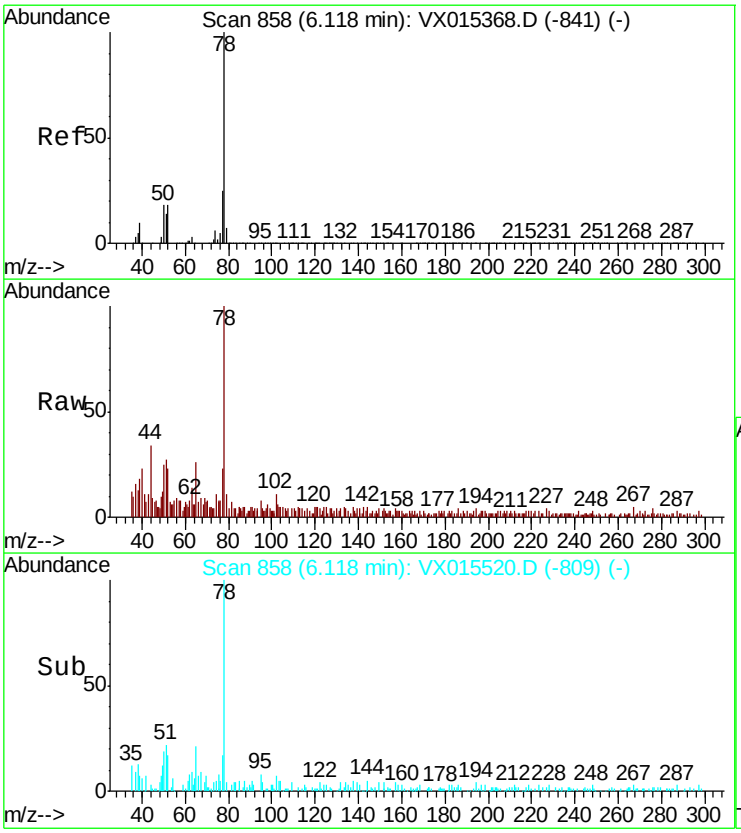
#38
Carbon Tetrachloride
Concen: 5.973 ug/l
RT: 5.64 min Scan# 779
Delta R.T. -0.12 min
Lab File: VX015520.D
Acq: 06 Apr 2020 18:04

Instrument : MSVOA_X
ClientSampleId : HR-06-040220

Tgt Ion:117 Resp: 111860

Ion	Ratio	Lower	Upper
117	100		
119	4.6	78.0	117.0#
121	0.6	23.8	35.8#

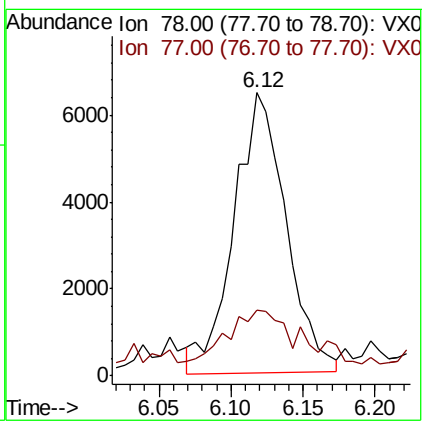


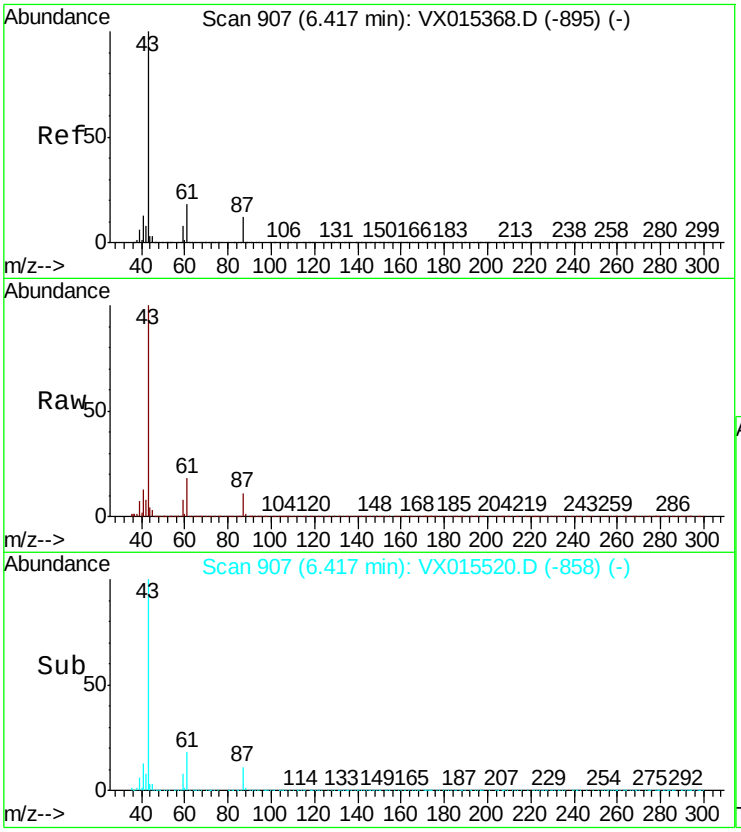


#40
Benzene
Concen: 0.320 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015520.D
Acq: 06 Apr 2020 18:04

Tgt Ion: 78 Resp: 16222

Ion	Ratio	Lower	Upper
78	100		
77	13.5	19.8	29.8#



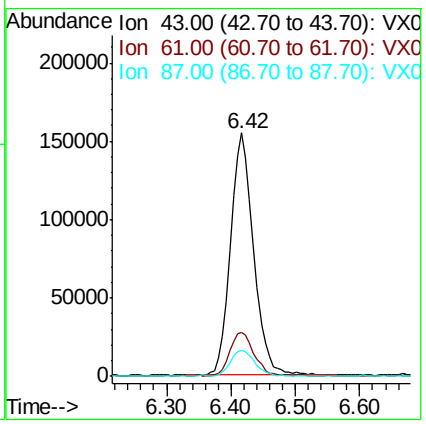


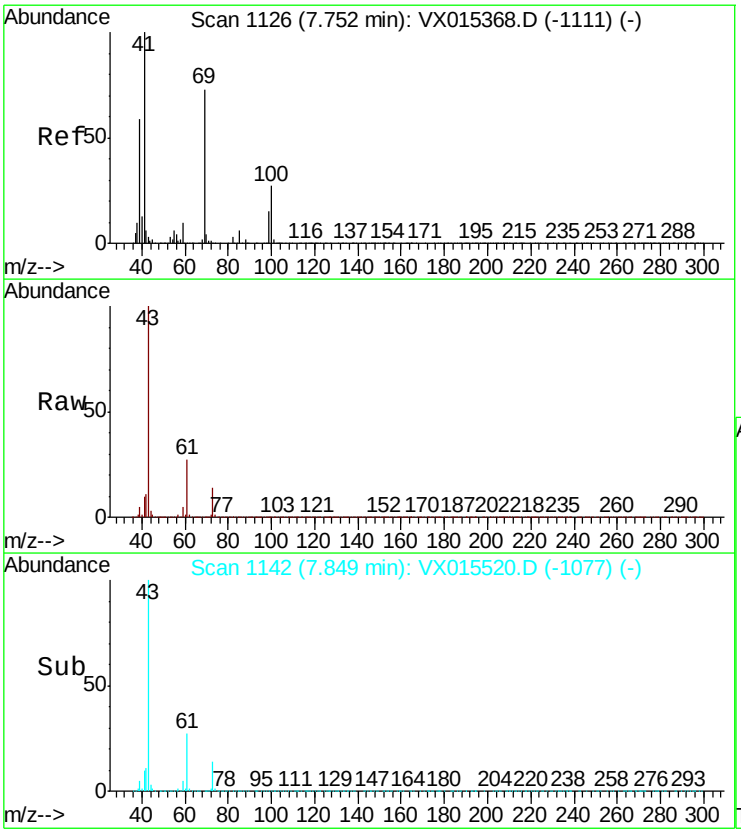
#43
Isopropyl Acetate
Concen: 10.194 ug/l
RT: 6.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: VX015520.D
Acq: 06 Apr 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
HR-06-040220

Tgt Ion: 43 Resp: 387403

Ion	Ratio	Lower	Upper
43	100		
61	18.9	14.8	22.2
87	11.3	9.4	14.0

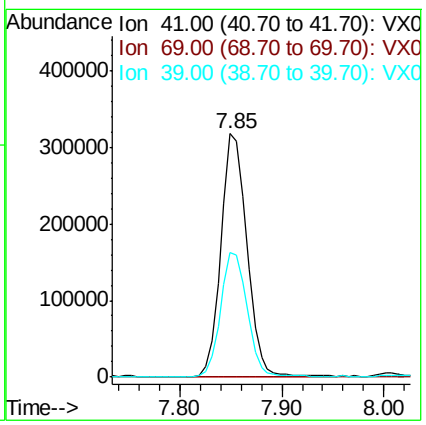


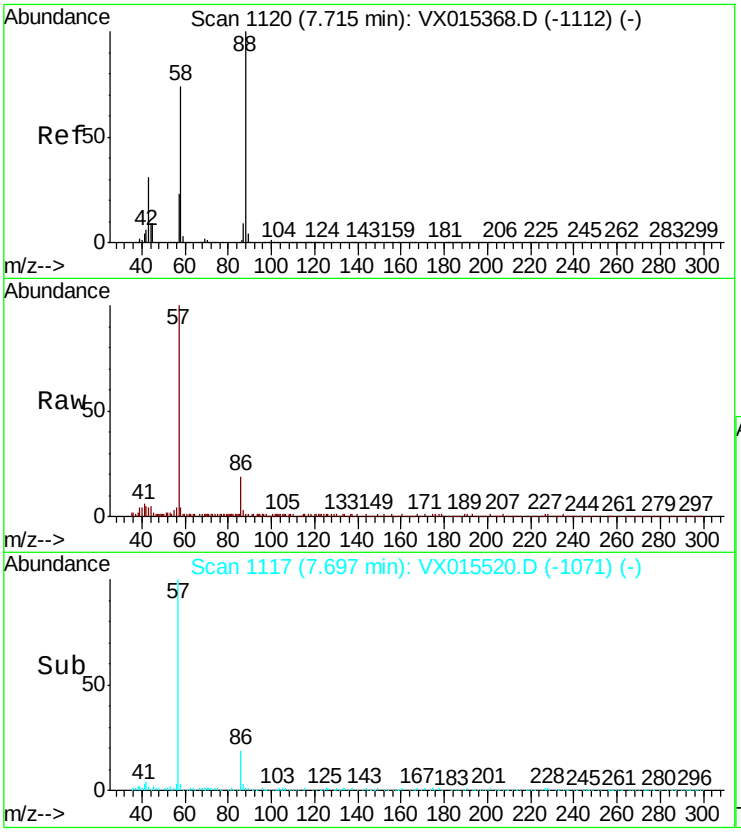


#48
Methyl methacrylate
Concen: 29.498 ug/l
RT: 7.85 min Scan# 1142
Delta R.T. 0.10 min
Lab File: VX015520.D
Acq: 06 Apr 2020 18:04

Tgt Ion: 41 Resp: 559948

Ion	Ratio	Lower	Upper
41	100		
69	0.2	56.7	85.1#
39	52.3	46.5	69.7



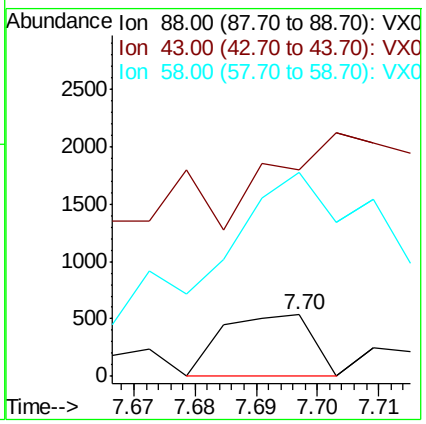


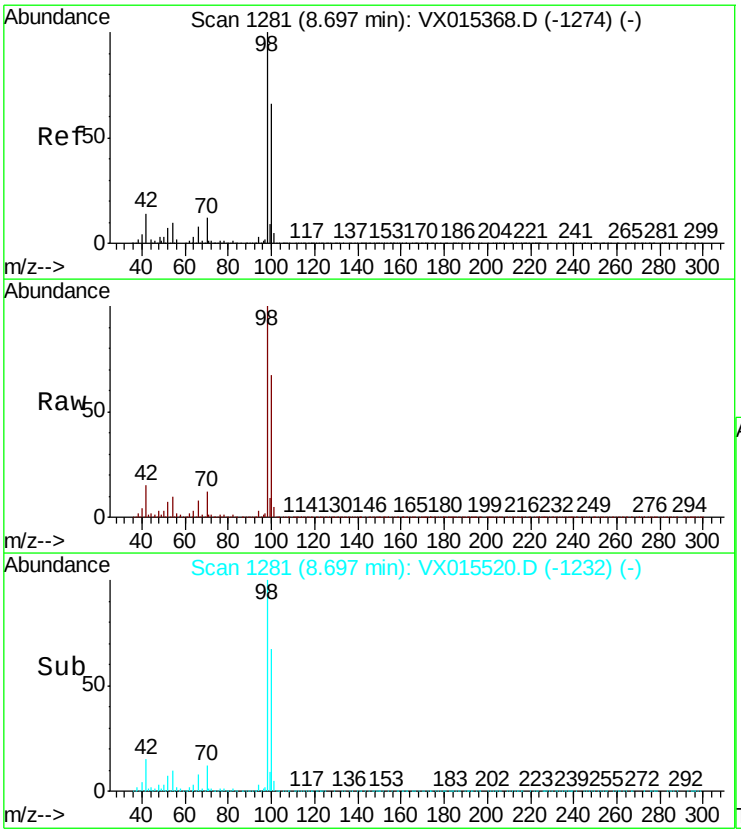
#49
1,4-Dioxane
Concen: 1.545 ug/l
RT: 7.70 min Scan# 1117
Delta R.T. -0.02 min
Lab File: VX015520.D
Acq: 06 Apr 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
HR-06-040220

Tgt Ion: 88 Resp: 547

Ion	Ratio	Lower	Upper
88	100		
43	0.0	30.1	45.1#
58	477.7	60.6	90.8#

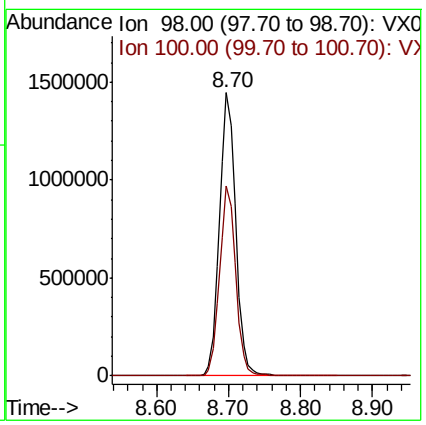


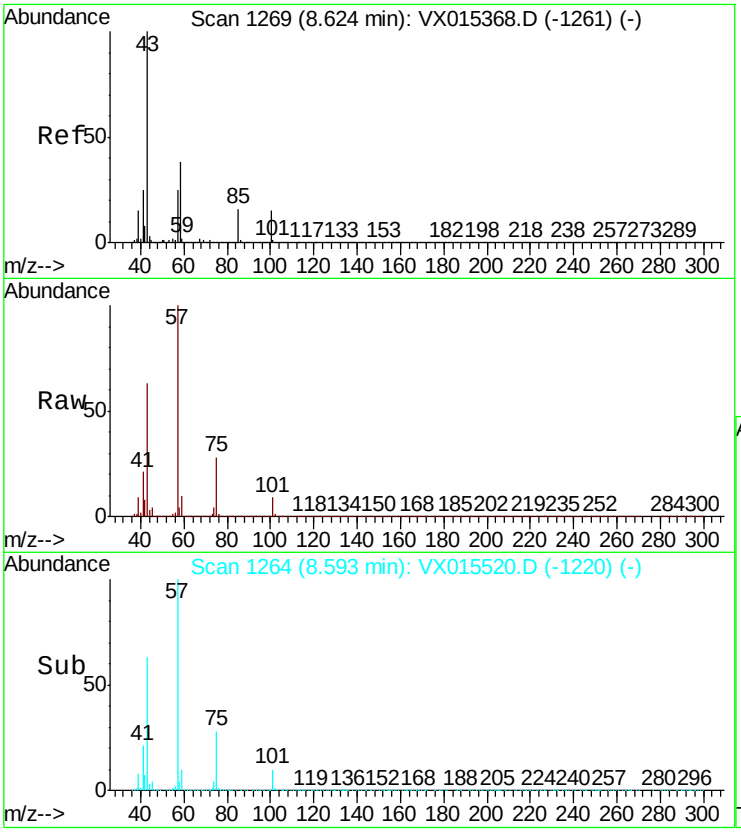


#50
Toluene-d8
Concen: 51.436 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015520.D
Acq: 06 Apr 2020 18:04

Tgt Ion: 98 Resp: 2271569

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.5	80.3



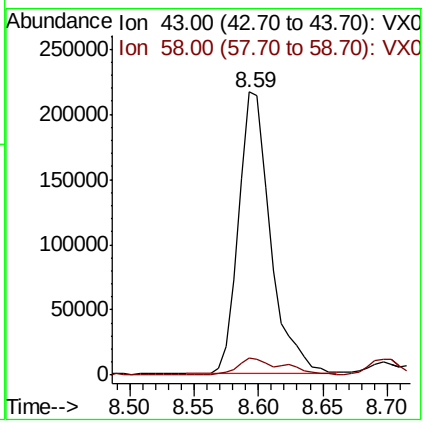


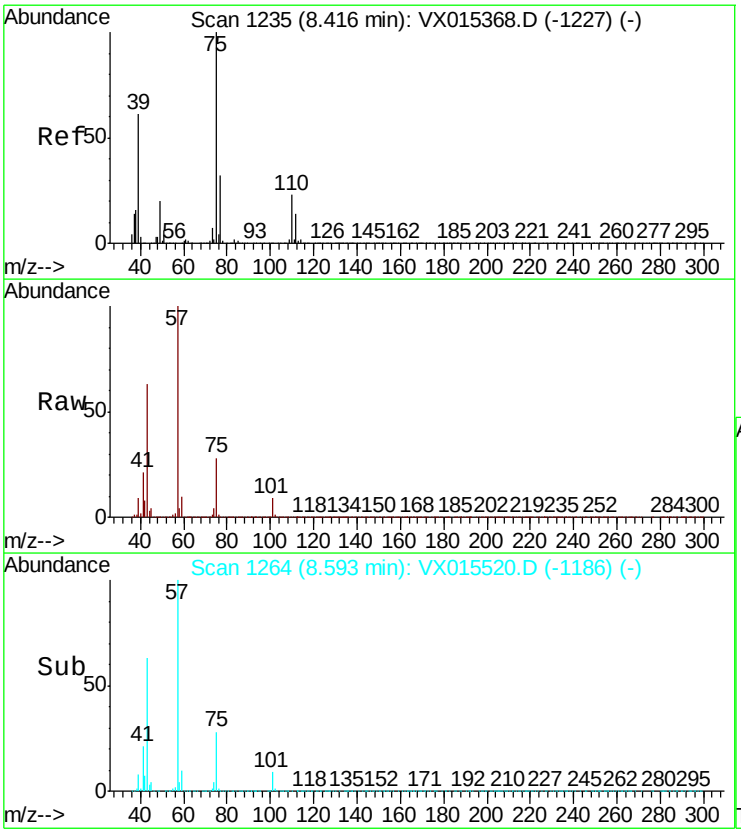
#51
4-Methyl-2-Pentanone
Concen: 17.152 ug/l
RT: 8.59 min Scan# 1264
Delta R.T. -0.03 min
Lab File: VX015520.D
Acq: 06 Apr 2020 18:04

Instrument : MSVOA_X
ClientSampleId : HR-06-040220

Tgt Ion: 43 Resp: 369407

Ion	Ratio	Lower	Upper
43	100		
58	8.7	29.7	44.5#

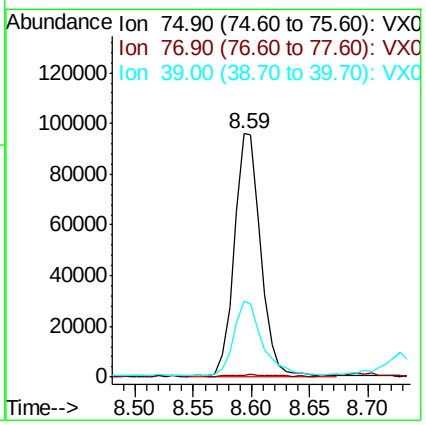


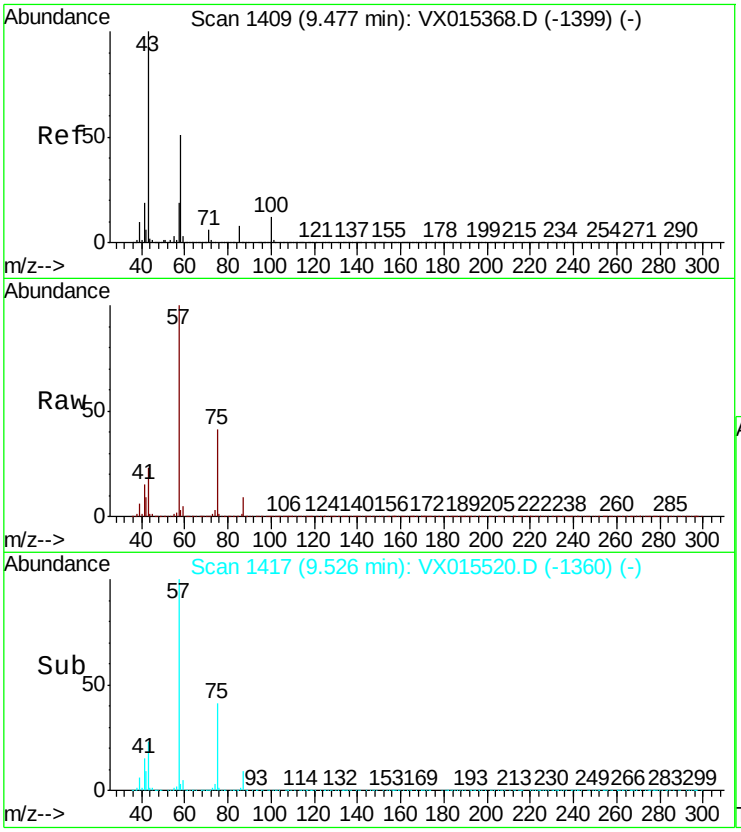


#54
cis-1,3-Dichloropropene
Concen: 6.508 ug/l
RT: 8.59 min Scan# 1264
Delta R.T. 0.18 min
Lab File: VX015520.D
Acq: 06 Apr 2020 18:04

Tgt Ion: 75 Resp: 150569

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.8	38.6#
39	30.6	49.0	73.4#



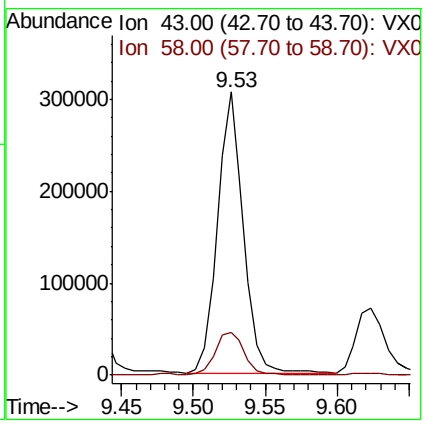


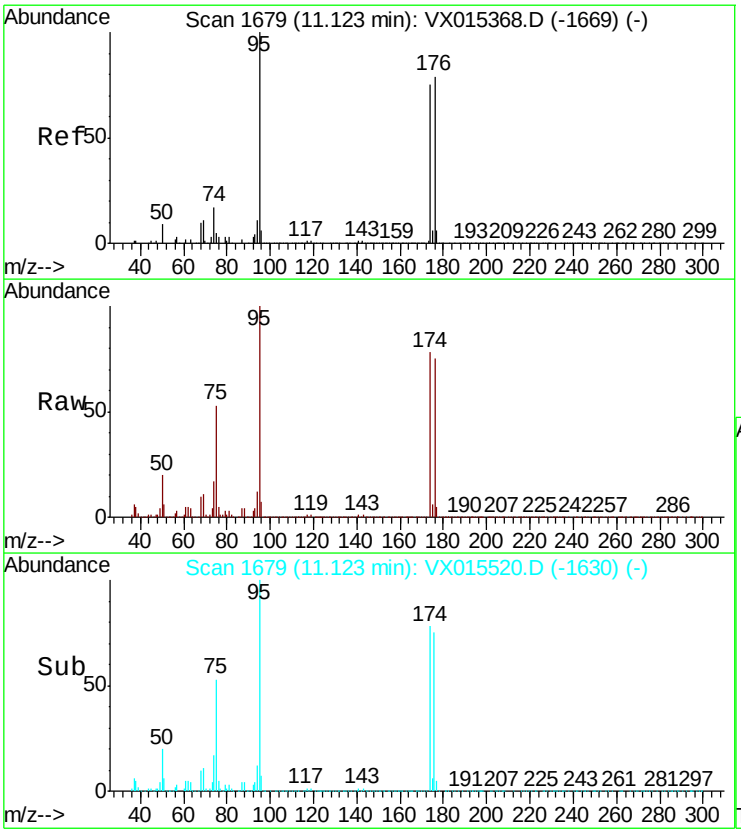
#59
2-Hexanone
Concen: 23.611 ug/l
RT: 9.53 min Scan# 1417
Delta R.T. 0.05 min
Lab File: VX015520.D
Acq: 06 Apr 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
HR-06-040220

Tgt Ion: 43 Resp: 383933

Ion	Ratio	Lower	Upper
43	100		
58	17.3	25.6	76.6#

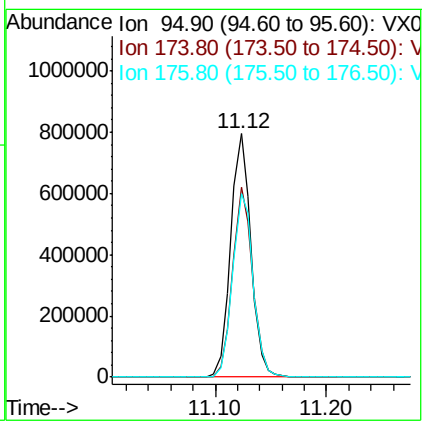


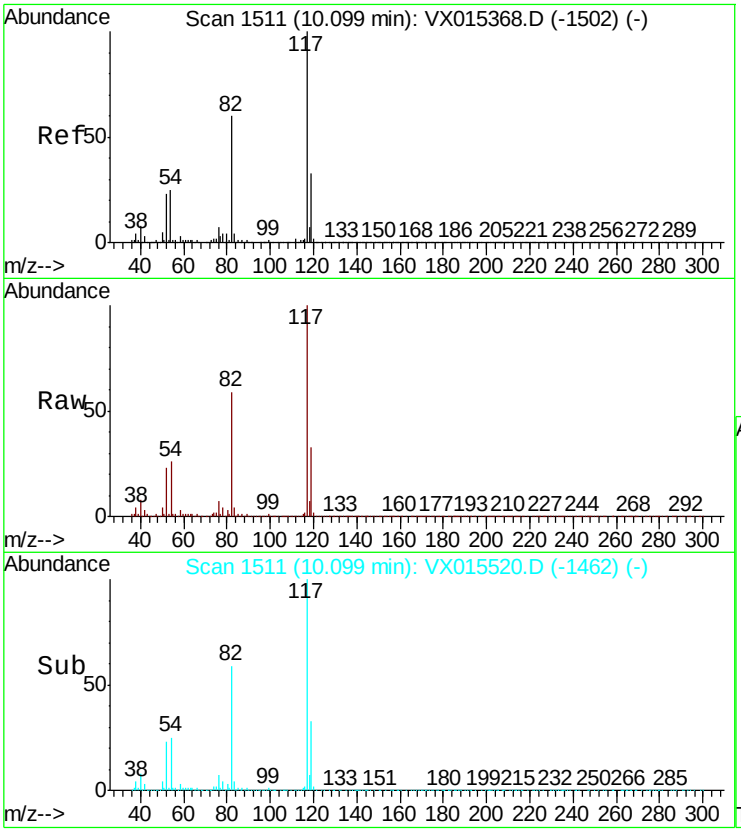


#62
4-Bromofluorobenzene
Concen: 55.529 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015520.D
Acq: 06 Apr 2020 18:04

Tgt Ion: 95 Resp: 996639

Ion	Ratio	Lower	Upper
95	100		
174	77.4	0.0	158.6
176	76.9	0.0	159.0



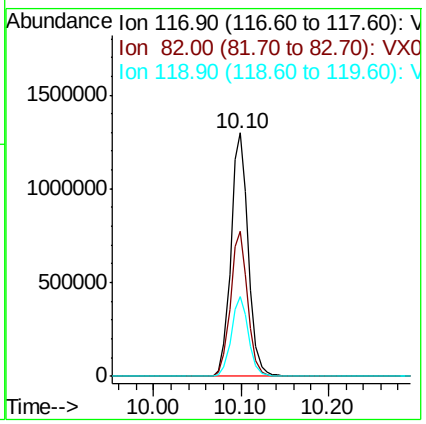


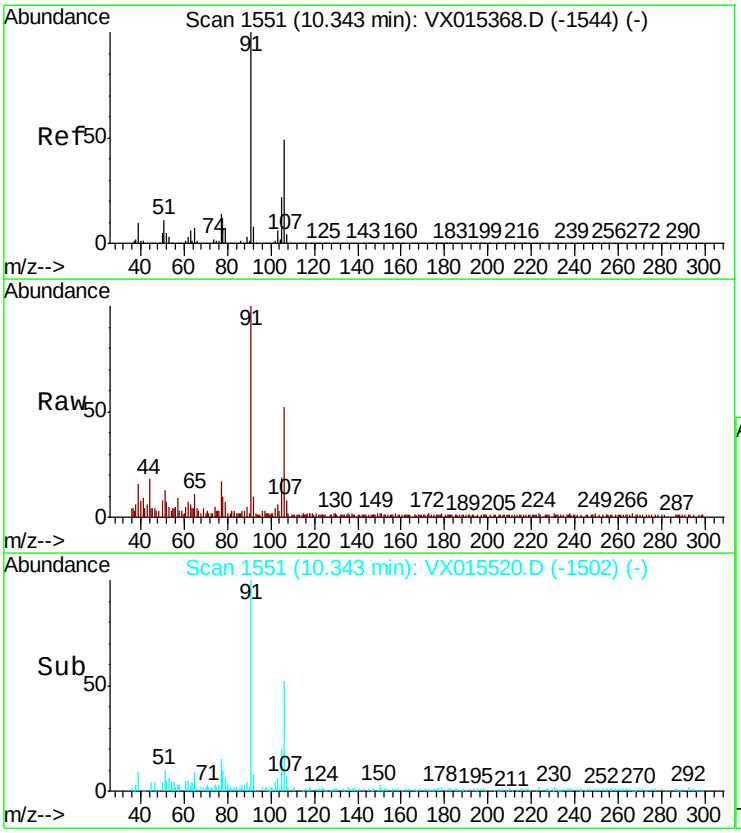
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015520.D
Acq: 06 Apr 2020 18:04

Instrument : MSVOA_X
ClientSampleId : HR-06-040220

Tgt Ion:117 Resp: 1792697

Ion	Ratio	Lower	Upper
117	100		
82	59.4	47.8	71.8
119	32.8	26.8	40.2

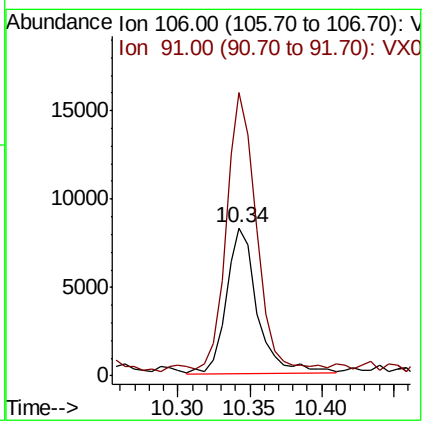


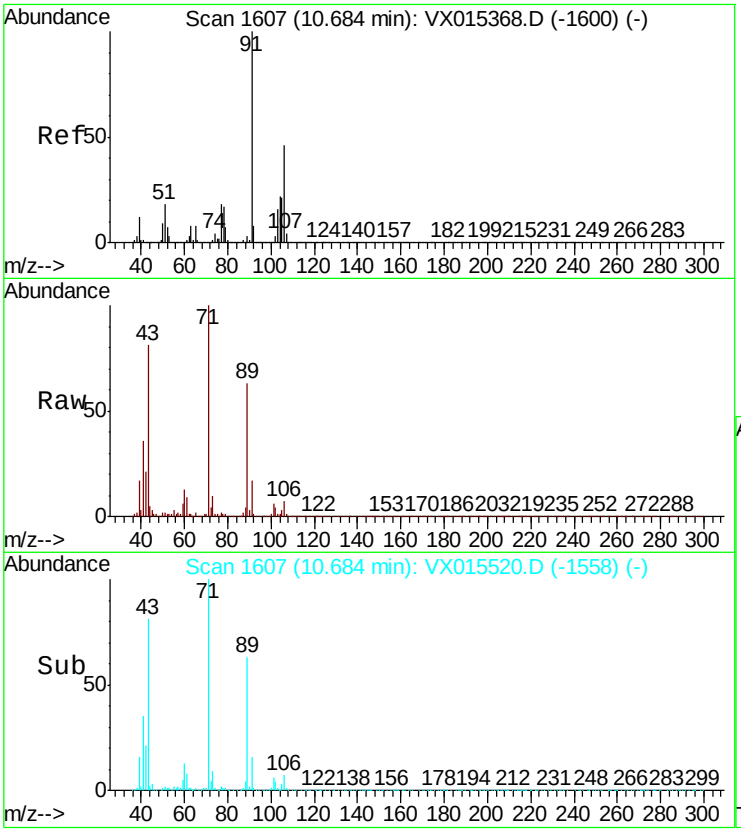


#68
m/p-Xylenes
Concen: 0.533 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015520.D
Acq: 06 Apr 2020 18:04

Tgt Ion:106 Resp: 12589

Ion	Ratio	Lower	Upper
106	100		
91	177.2	163.4	245.0



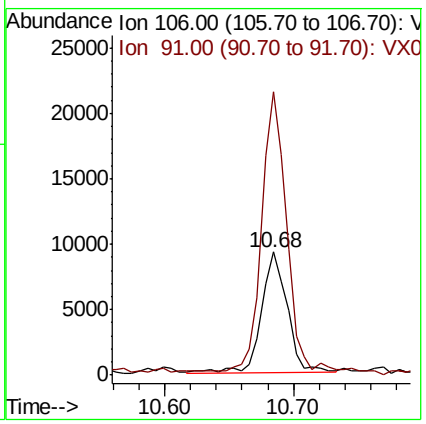


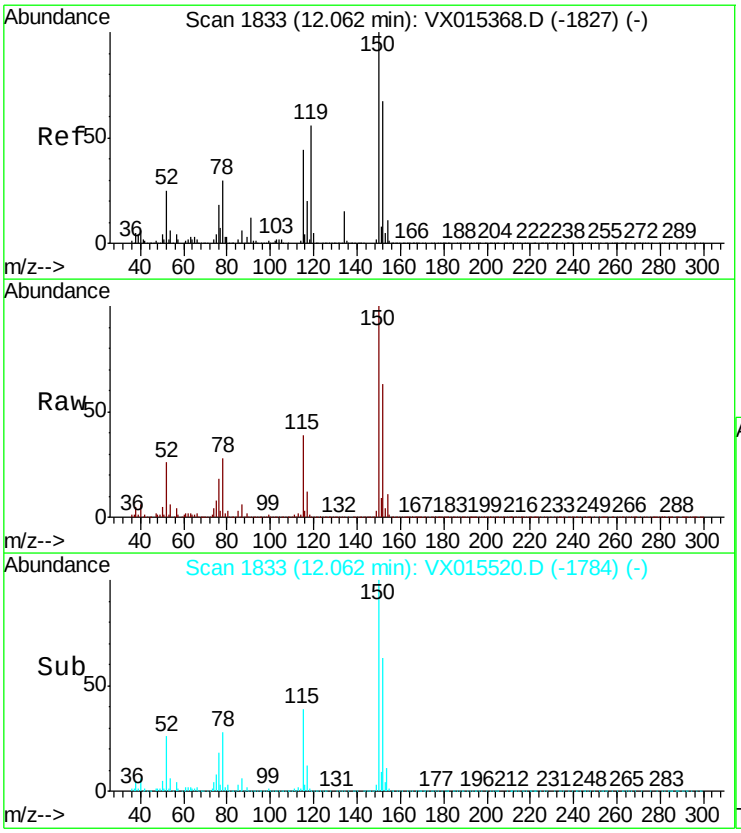
#69
o-Xylene
Concen: 0.552 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015520.D
Acq: 06 Apr 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
HR-06-040220

Tgt Ion:106 Resp: 12890

Ion	Ratio	Lower	Upper
106	100		
91	236.3	107.1	321.3

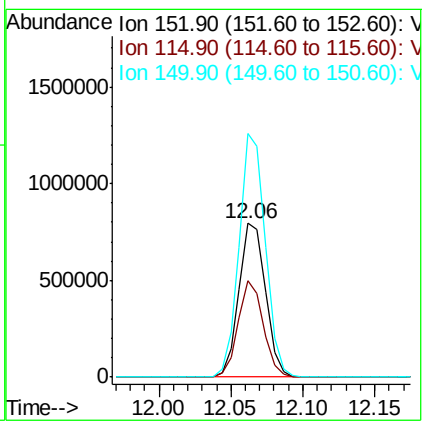


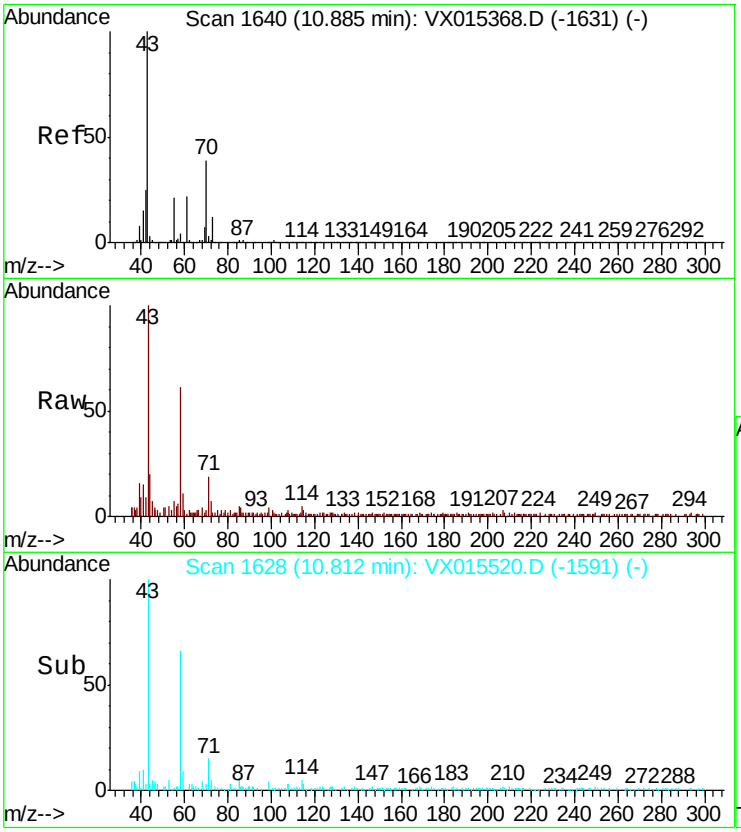


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015520.D
Acq: 06 Apr 2020 18:04

Tgt Ion:152 Resp: 1018838

Ion	Ratio	Lower	Upper
152	100		
115	59.2	39.0	116.9
150	155.5	0.0	340.8



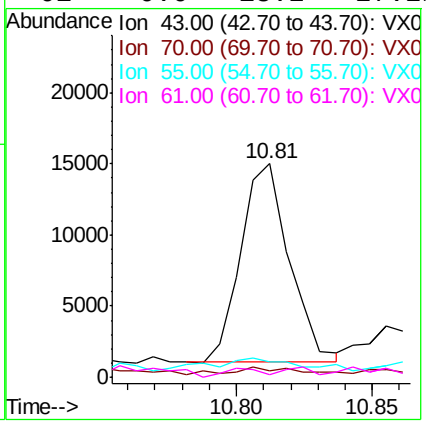


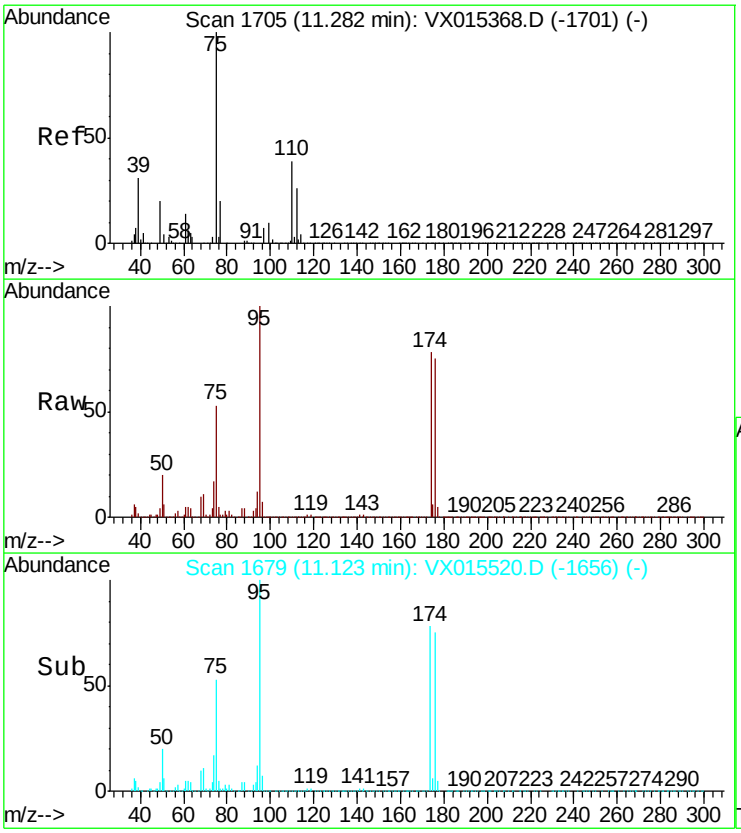
#74
N-amyl acetate
Concen: 0.467 ug/l
RT: 10.81 min Scan# 1628
Delta R.T. -0.07 min
Lab File: VX015520.D
Acq: 06 Apr 2020 18:04

Instrument : MSVOA_X
ClientSampleId : HR-06-040220

Tgt Ion: 43 Resp: 17355

Ion	Ratio	Lower	Upper
43	100		
70	3.5	30.2	45.4#
55	12.0	16.8	25.2#
61	0.0	18.2	27.2#

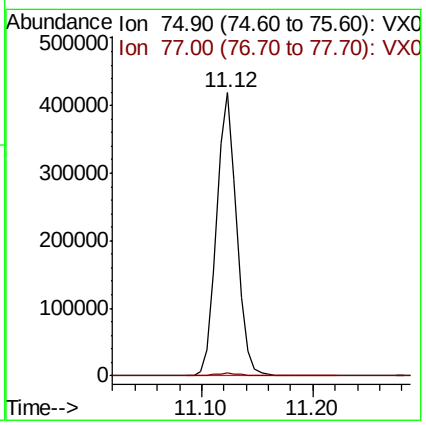


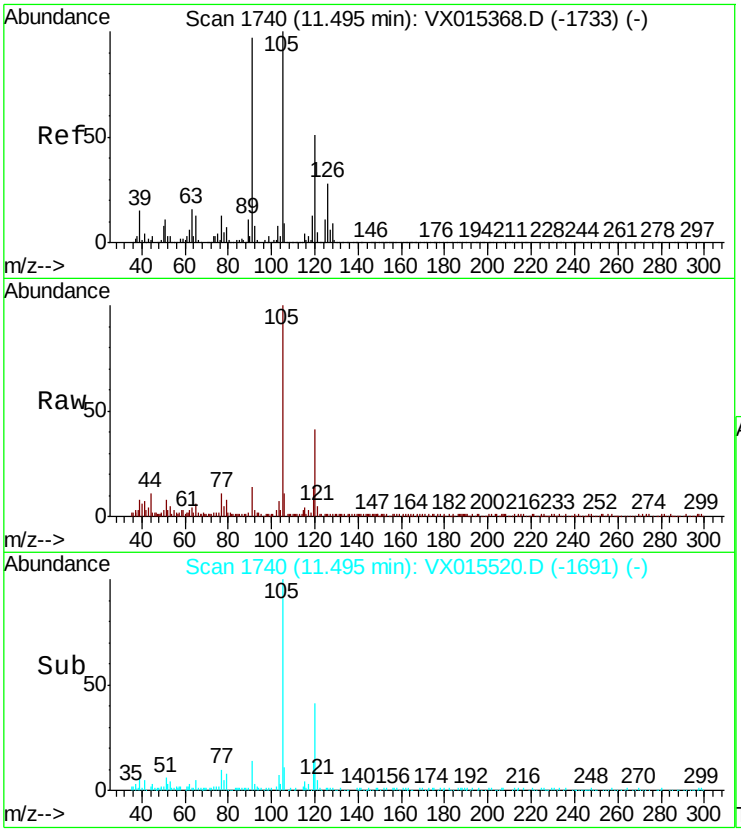


#76
1,2,3-Trichloropropane
Concen: 24.781 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.16 min
Lab File: VX015520.D
Acq: 06 Apr 2020 18:04

Tgt Ion: 75 Resp: 519208

Ion	Ratio	Lower	Upper
75	100		
77	1.1	21.2	63.6#



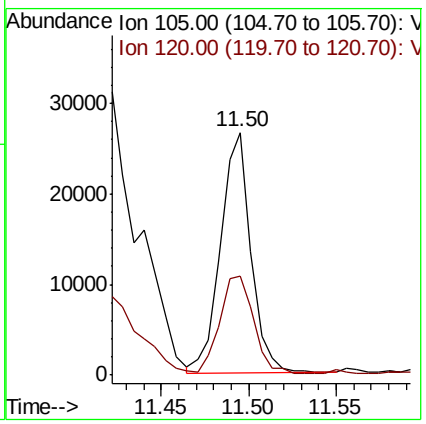


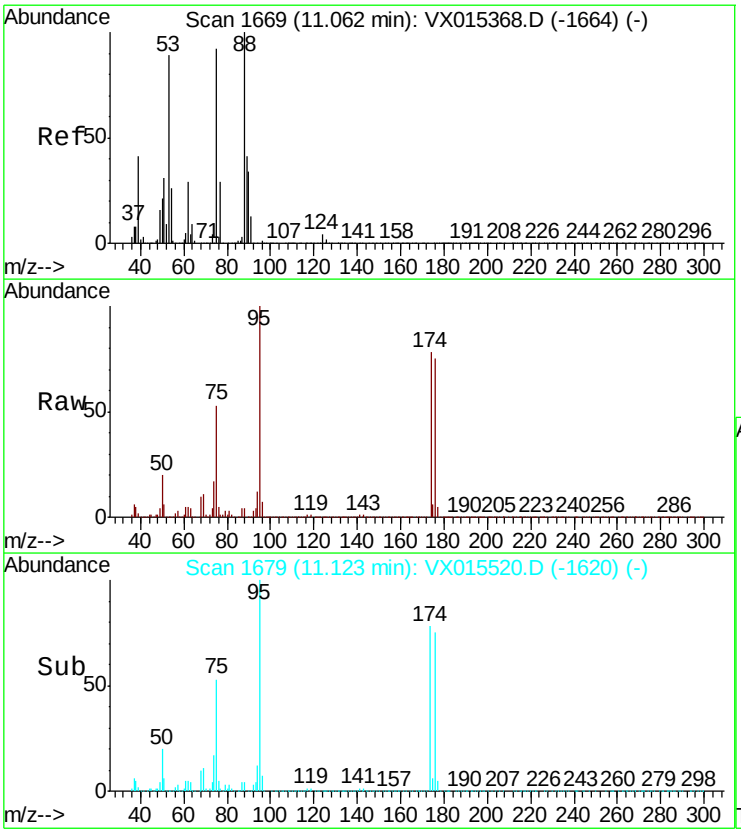
#80
1,3,5-Trimethylbenzene
Concen: 0.563 ug/l
RT: 11.50 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015520.D
Acq: 06 Apr 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
HR-06-040220

Tgt Ion:105 Resp: 32091

Ion	Ratio	Lower	Upper
105	100		
120	45.1	24.8	74.4

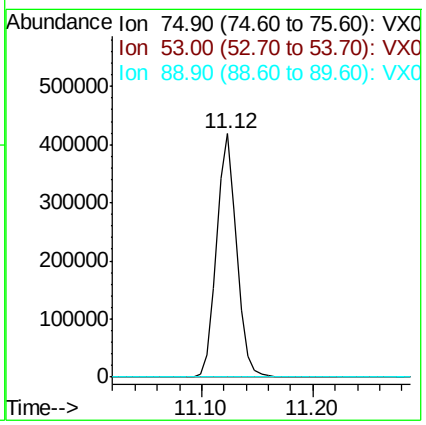


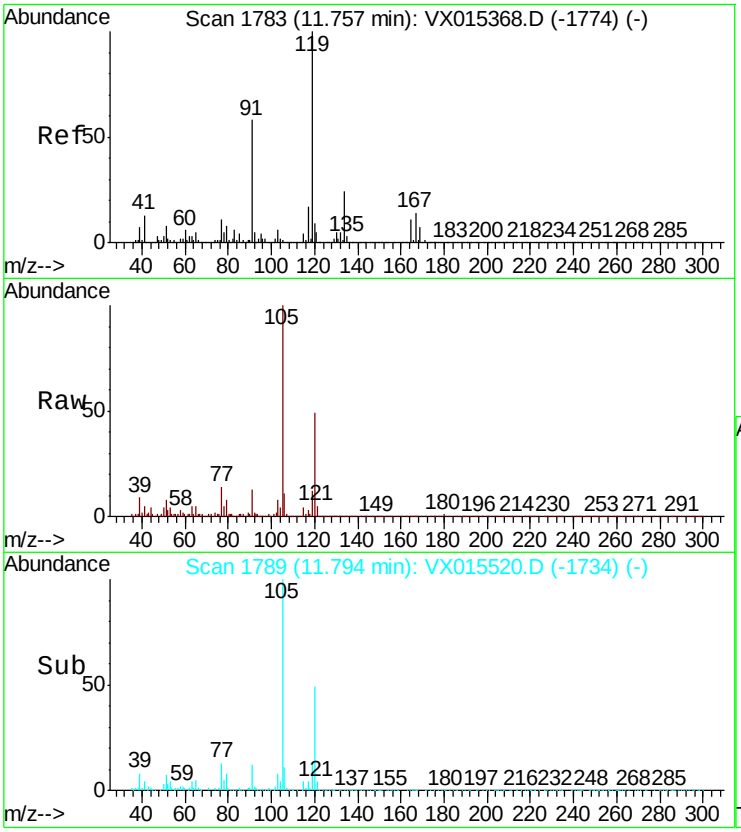


#81
trans-1,4-Dichloro-2-butene
Concen: 59.462 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.06 min
Lab File: VX015520.D
Acq: 06 Apr 2020 18:04

Tgt Ion: 75 Resp: 519208

Ion	Ratio	Lower	Upper
75	100		
53	0.0	80.1	120.1#
89	0.2	36.1	54.1#



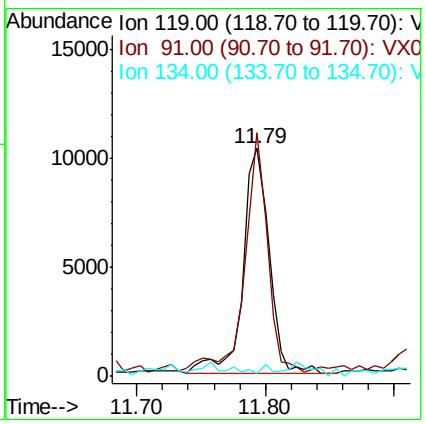


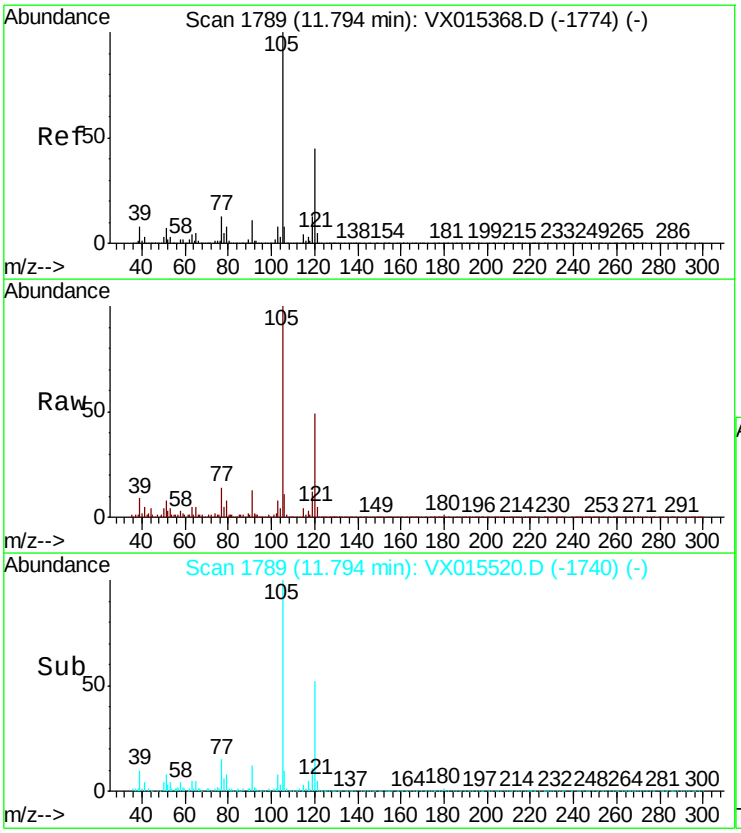
#83
tert-Butylbenzene
Concen: 0.260 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.04 min
Lab File: VX015520.D
Acq: 06 Apr 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
HR-06-040220

Tgt Ion:119 Resp: 14487

Ion	Ratio	Lower	Upper
119	100		
91	90.7	28.6	85.8#
134	1.1	11.8	35.3#

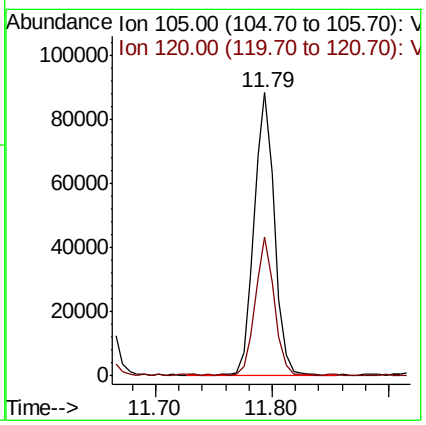


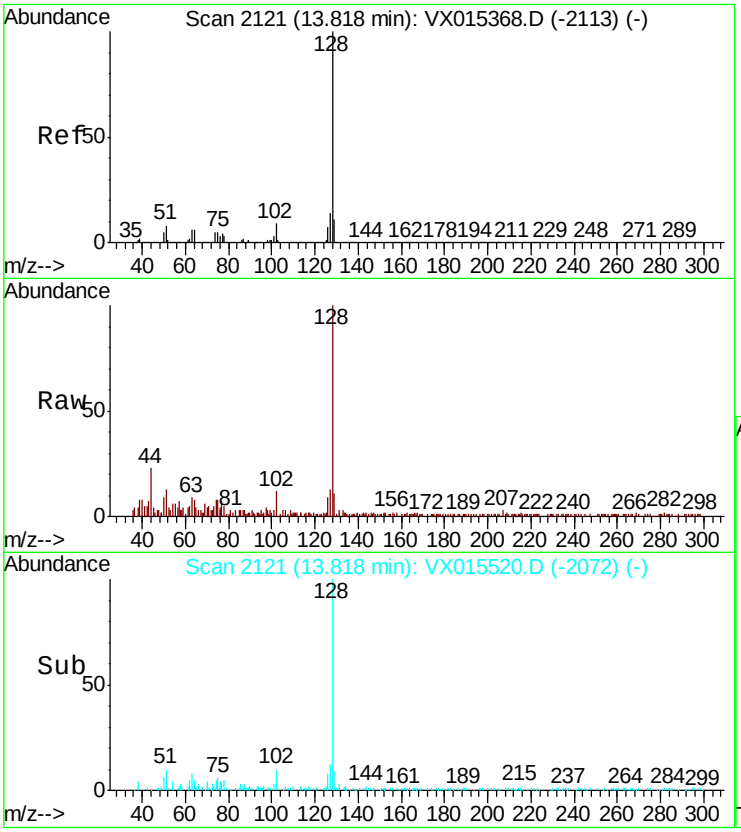


#84
1,2,4-Trimethylbenzene
Concen: 1.854 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015520.D
Acq: 06 Apr 2020 18:04

Tgt Ion:105 Resp: 107703

Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.7	68.1





#95
Naphthalene
Concen: 0.289 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015520.D
Acq: 06 Apr 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
HR-06-040220

Tgt Ion:128 Resp: 21771

Ion	Ratio	Lower	Upper
128	100		
127	16.7	10.6	15.8#
129	13.2	8.8	13.2#