Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081919\
Data File : VX011635.D
Acq On : 19 Aug 2019 16:29
Operator : JC/SP
Sample : K4368-04DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PH2-0133DL

Quant Time: Aug 20 09:40:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	443274	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	608405	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	535356	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	292652	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	208573	50.74	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.48%				
35) Dibromofluoromethane	5.49	113	179313	45.06	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.12%				
50) Toluene-d8	8.71	98	691896	55.80	ug/l		0.00
Spiked Amount 50.000			Recovery = 111.60%				
62) 4-Bromofluorobenzene	11.13	95	238748	45.62	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.24%				
Target Compounds							Qvalue
5) Bromomethane	1.64	94	377	0.206	ug/l	#	24
11) Tert butyl alcohol	3.03	59	508	0.504	ug/l	#	71
13) Acrolein	2.28	56	185	12.751	ug/l	#	1
16) Acetone	2.43	43	1365	0.660	ug/l	#	77
31) Cyclohexane	5.57	56	7540	1.237	ug/l	#	91
36) 1,1-Dichloropropene	5.66	75	24687	4.746	ug/l	#	50
38) Carbon Tetrachloride	5.65	117	36557	6.379	ug/l	#	17
39) Methylcyclohexane	7.46	83	10741	1.672	ug/l		98
49) 1,4-Dioxane	7.75	88	29	0.236	ug/l	#	1
67) Ethyl Benzene	10.25	91	439156	23.045	ug/l		99
68) m/p-Xylenes	10.35	106	753943	103.069	ug/l		95
69) o-Xylene	10.69	106	5113	0.714	ug/l		100
71) Bromoform	10.83	173	84	3.310	ug/l	#	28
73) Isopropylbenzene	11.02	105	58861	3.100	ug/l		98
76) 1,2,3-Trichloropropane	11.43	75	3906	0.704	ug/l	#	1
78) n-propylbenzene	11.36	91	82601	4.034	ug/l		99
79) 2-Chlorotoluene	11.43	91	50349	4.004	ug/l	#	39
80) 1,3,5-Trimethylbenzene	11.51	105	160541	10.064	ug/l		98
81) trans-1,4-Dichloro-2-buten	11.13	75	118721	57.240	ug/l	#	11
82) 4-Chlorotoluene	11.51	91	16198	1.110	ug/l	#	44
83) tert-Butylbenzene	11.80	119	74529	4.587	ug/l	#	62
84) 1,2,4-Trimethylbenzene	11.80	105	583691	36.447	ug/l		99
85) sec-Butylbenzene	11.80	105	583691	31.843	ug/l	#	54
86) p-Isopropyltoluene	12.06	119	7516	0.436	ug/l		86
89) n-Butylbenzene	12.37	91	9485	0.669	ug/l	#	15
90) Hexachloroethane	12.58	117	2076	0.762	ug/l	#	1
95) Naphthalene	13.83	128	224940	10.954	ug/l		99

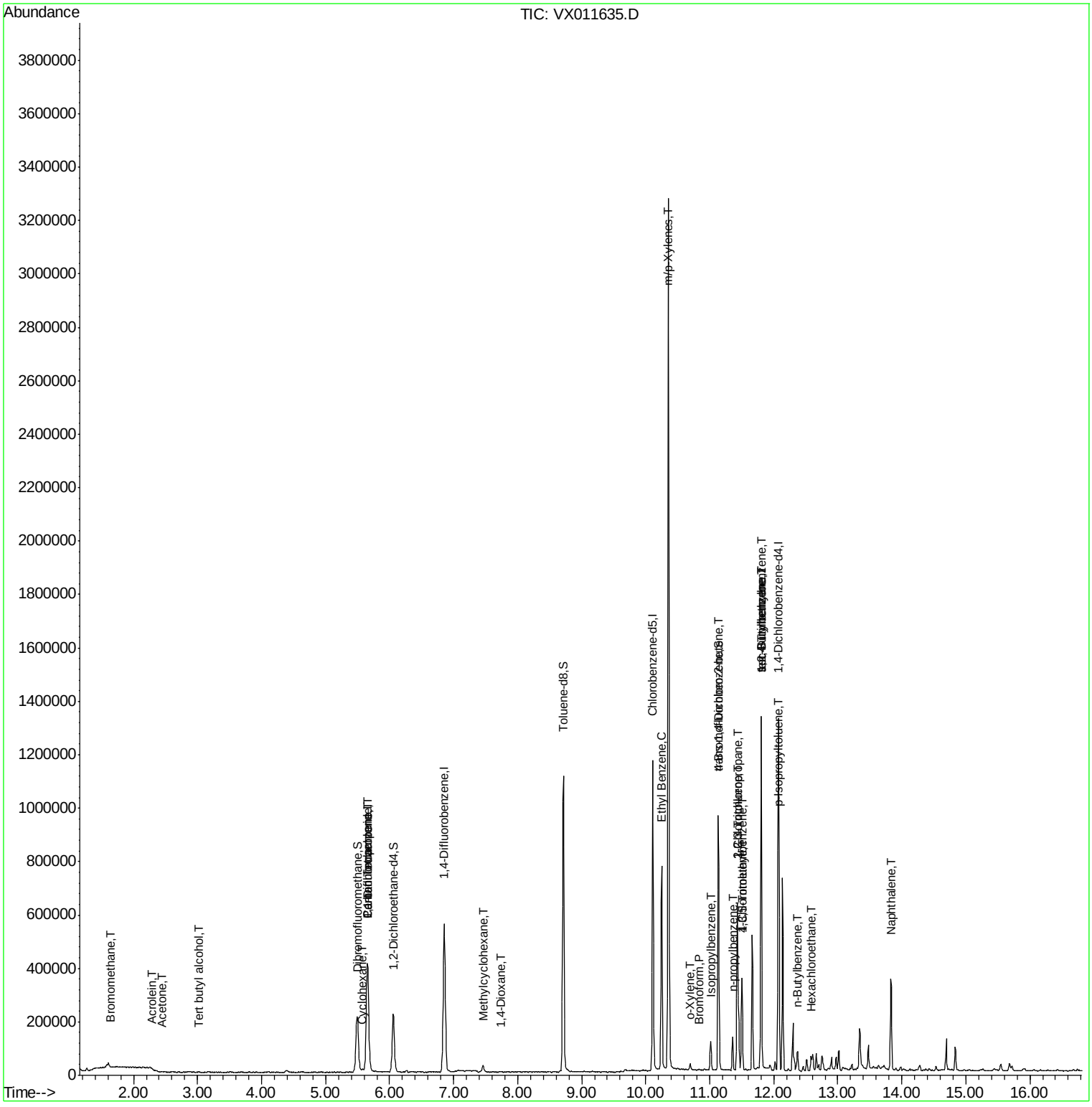
(#) = qualifier out of range (m) = manual integration (+) = signals summed

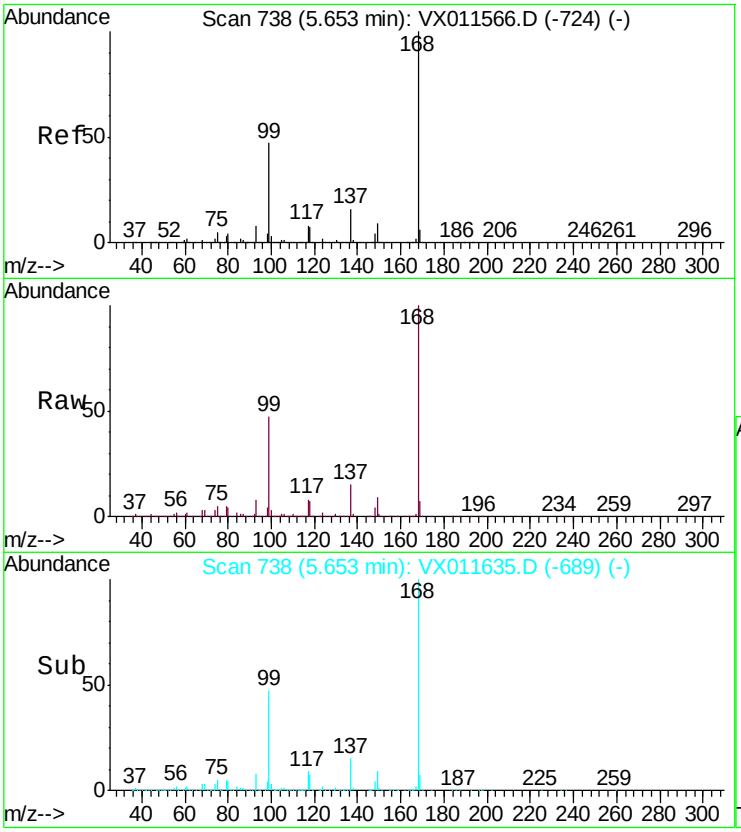
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081919\
Data File : VX011635.D
Acq On : 19 Aug 2019 16:29
Operator : JC/SP
Sample : K4368-04DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PH2-0133DL

Quant Time: Aug 20 09:40:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration



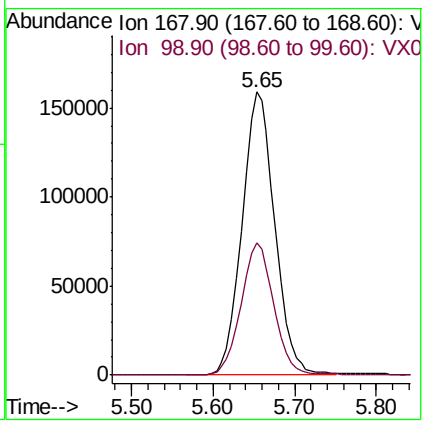


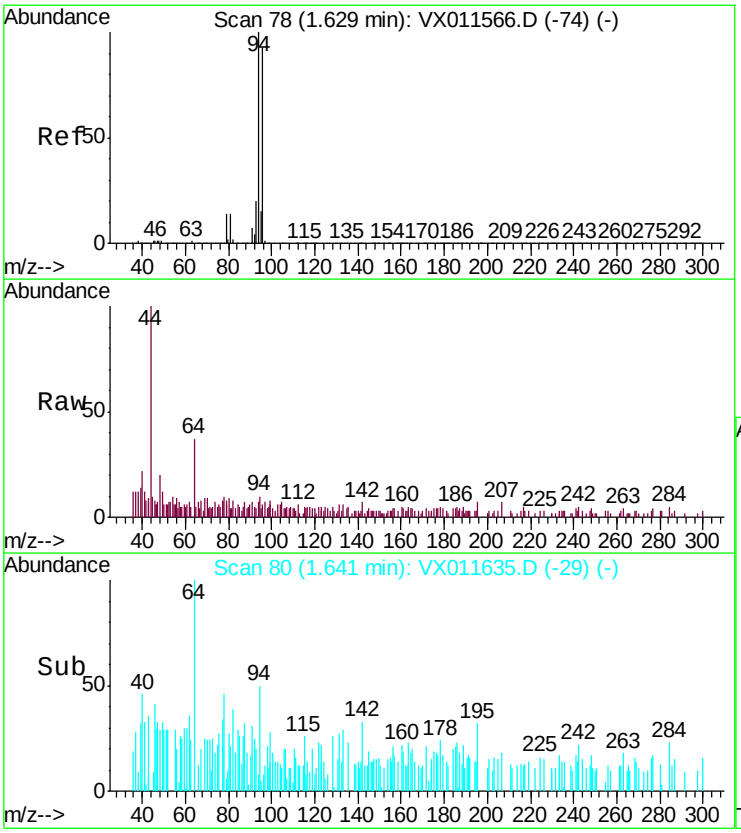
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.00 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
PH2-0133DL

Tgt Ion:168 Resp: 443274

Ion	Ratio	Lower	Upper
168	100		
99	46.9	37.3	55.9

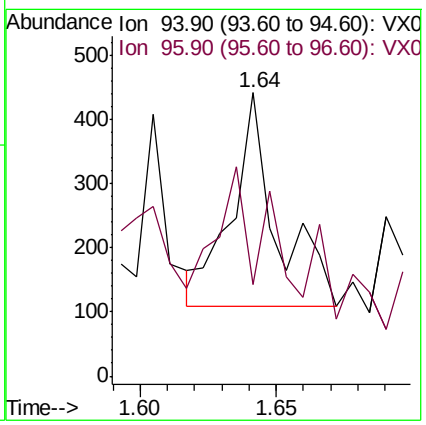


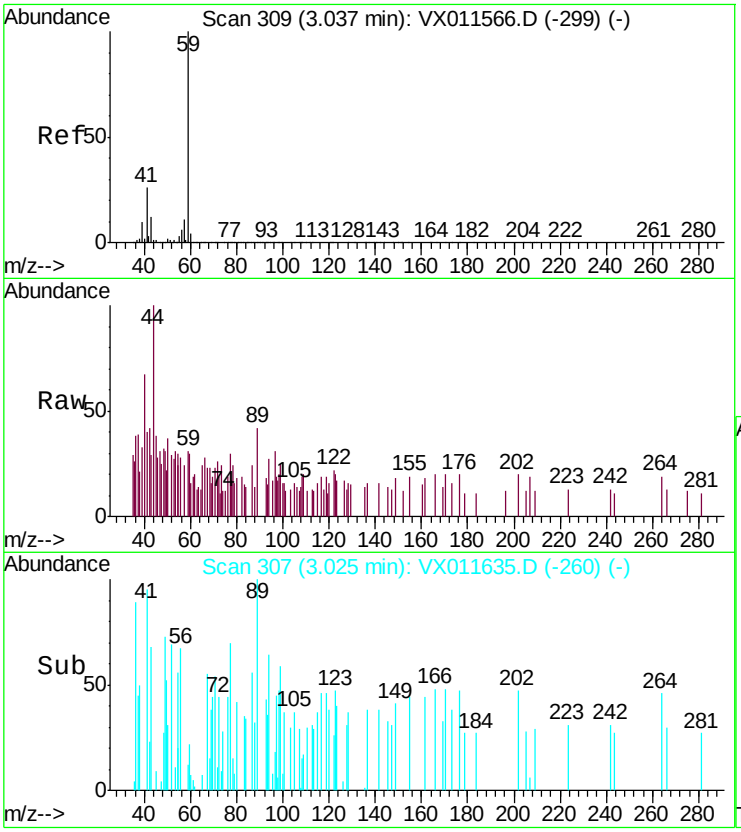


#5
Bromomethane
Concen: 0.206 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Tgt Ion: 94 Resp: 377

Ion	Ratio	Lower	Upper
94	100		
96	19.9	74.8	112.2#



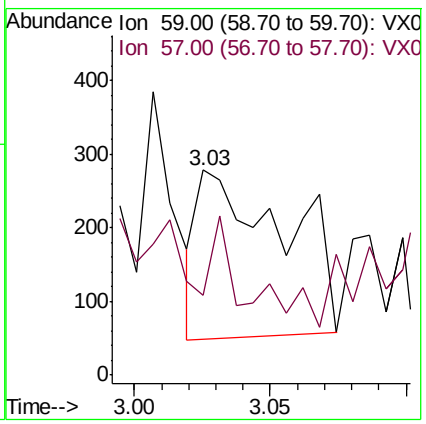


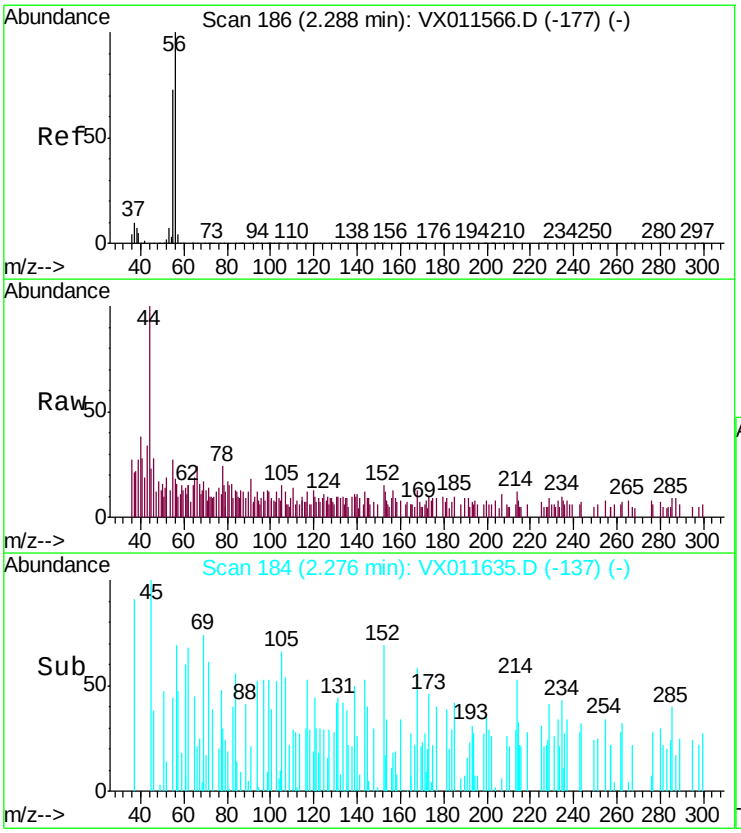
#11
Tert butyl alcohol
Concen: 0.504 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
PH2-0133DL

Tgt Ion: 59 Resp: 508

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#

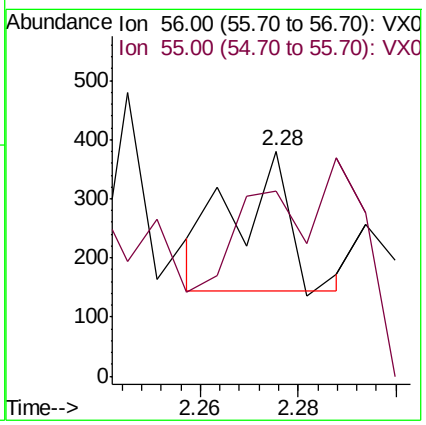


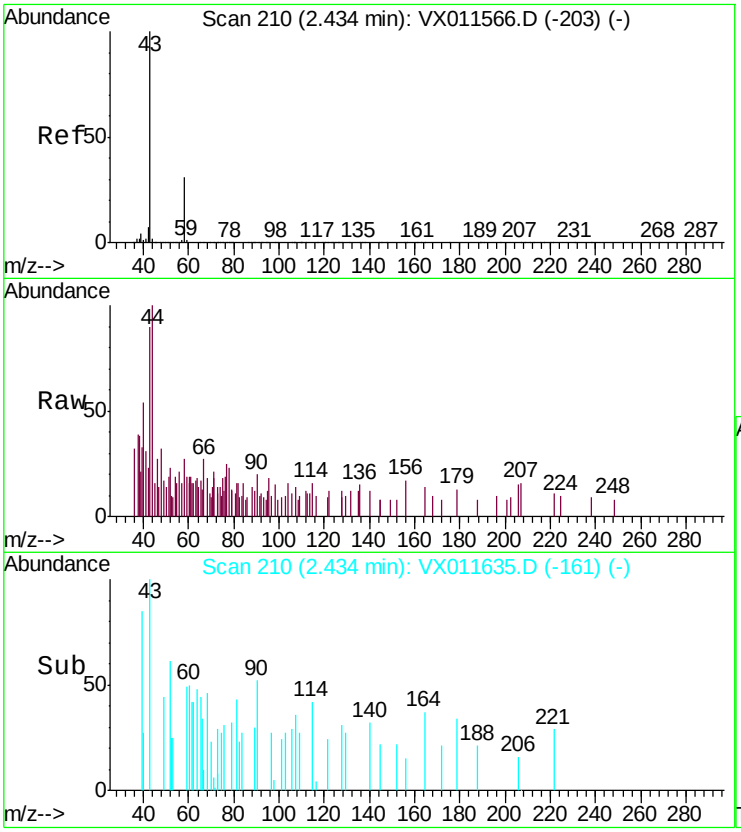


#13
Acrolein
Concen: 12.751 ug/l
RT: 2.28 min Scan# 184
Delta R.T. -0.01 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Tgt Ion: 56 Resp: 185

Ion	Ratio	Lower	Upper
56	100		
55	327.6	55.5	83.3#



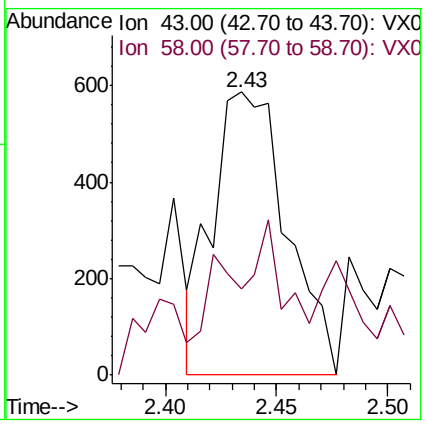


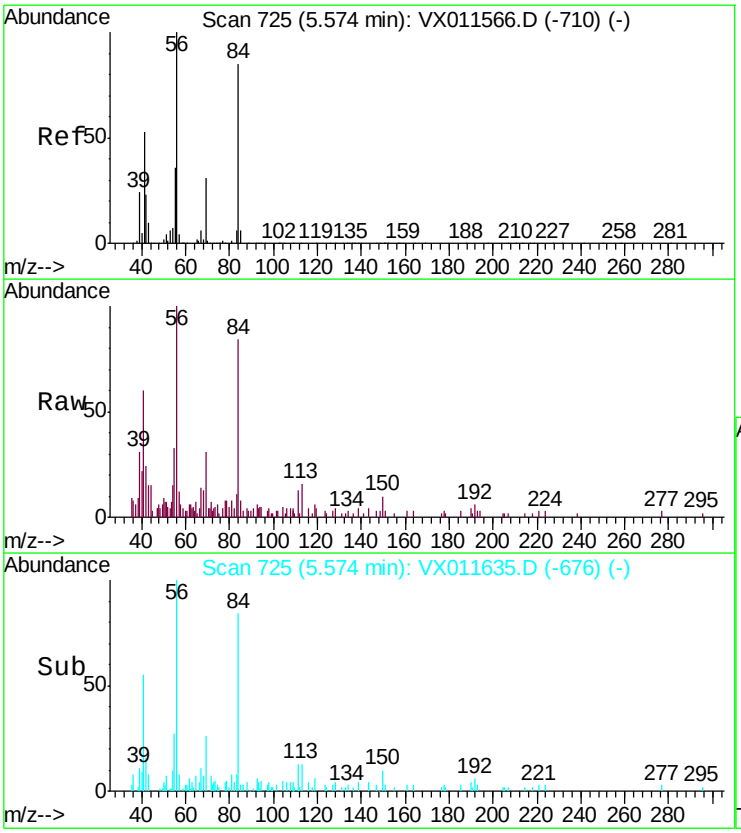
#16
Acetone
Concen: 0.660 ug/l
RT: 2.43 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Instrument : MSVOA_X
ClientSampleId : PH2-0133DL

Tgt Ion: 43 Resp: 1365

Ion	Ratio	Lower	Upper
43	100		
58	18.9	25.2	37.8#

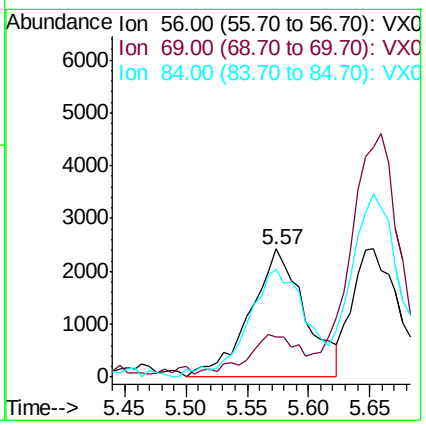


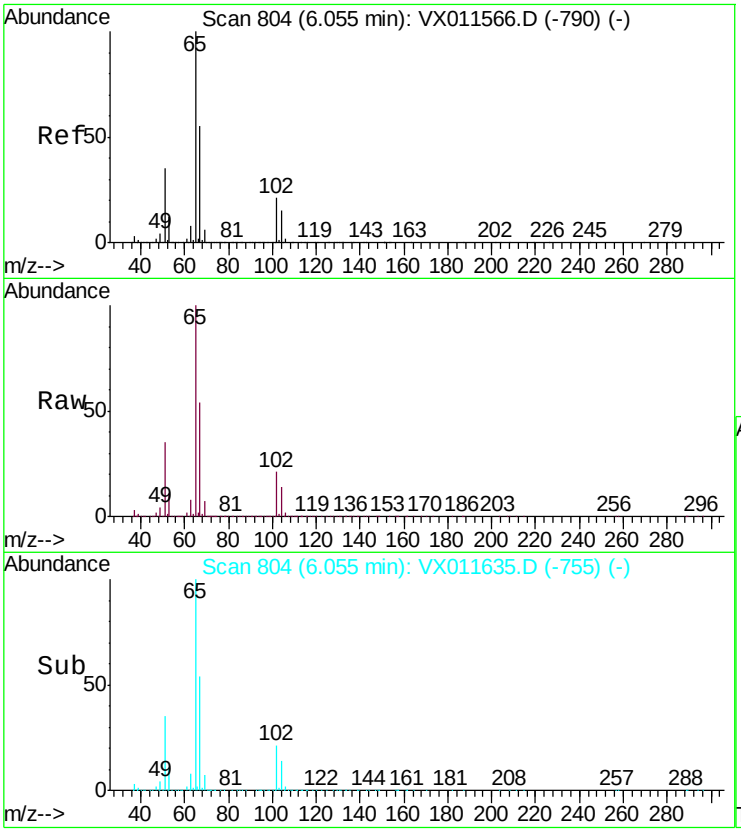


#31
Cyclohexane
Concen: 1.237 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Tgt Ion: 56 Resp: 7540

Ion	Ratio	Lower	Upper
56	100		
69	22.7	24.8	37.2#
84	78.3	67.9	101.9



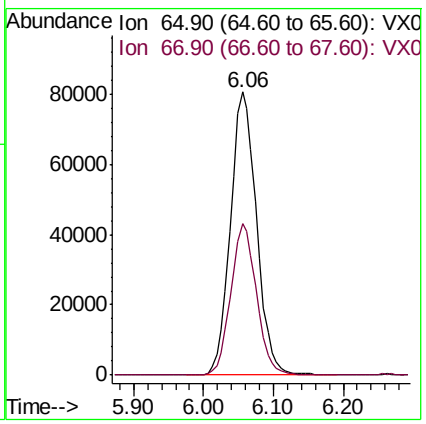


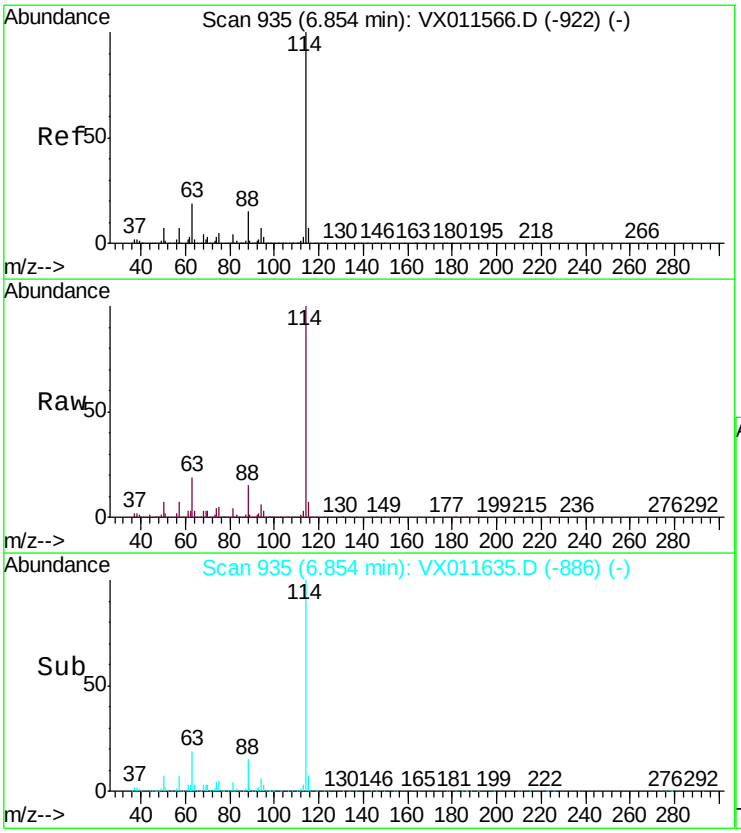
#33
1,2-Dichloroethane-d4
Concen: 50.738 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
PH2-0133DL

Tgt Ion: 65 Resp: 208573

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	107.6

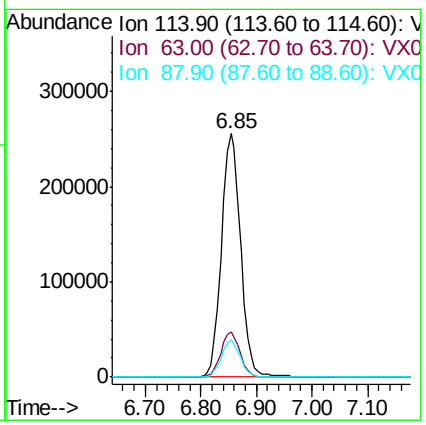


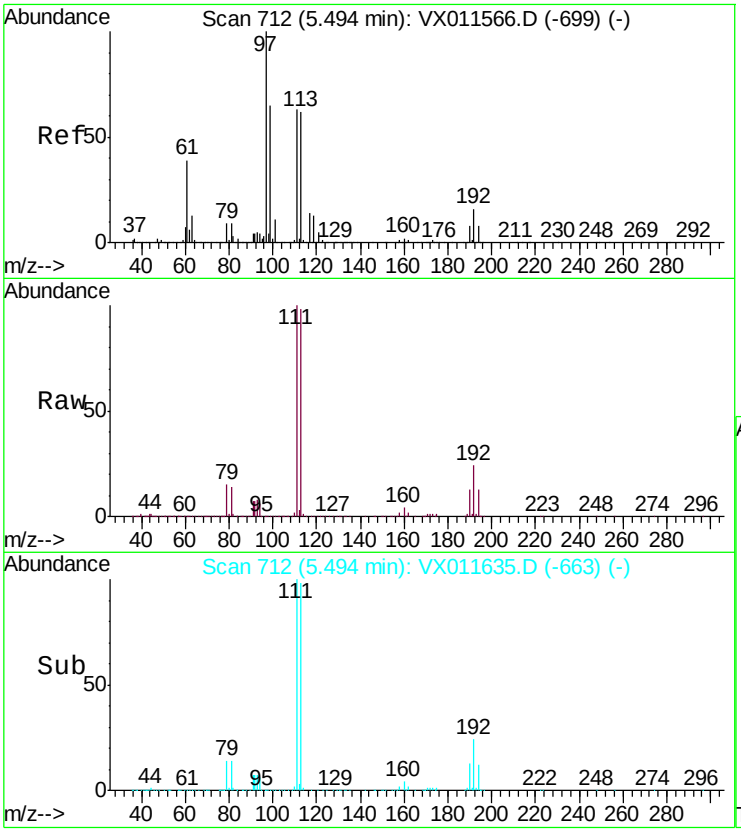


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Tgt Ion:114 Resp: 608405

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	37.8
88	15.3	0.0	30.2



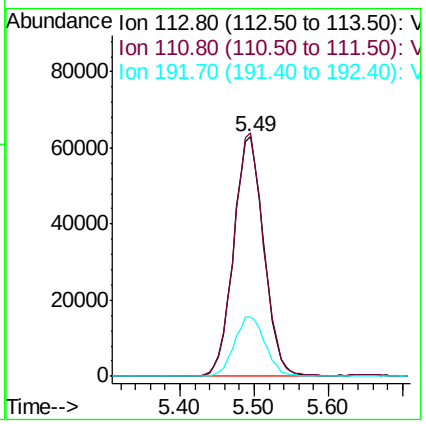


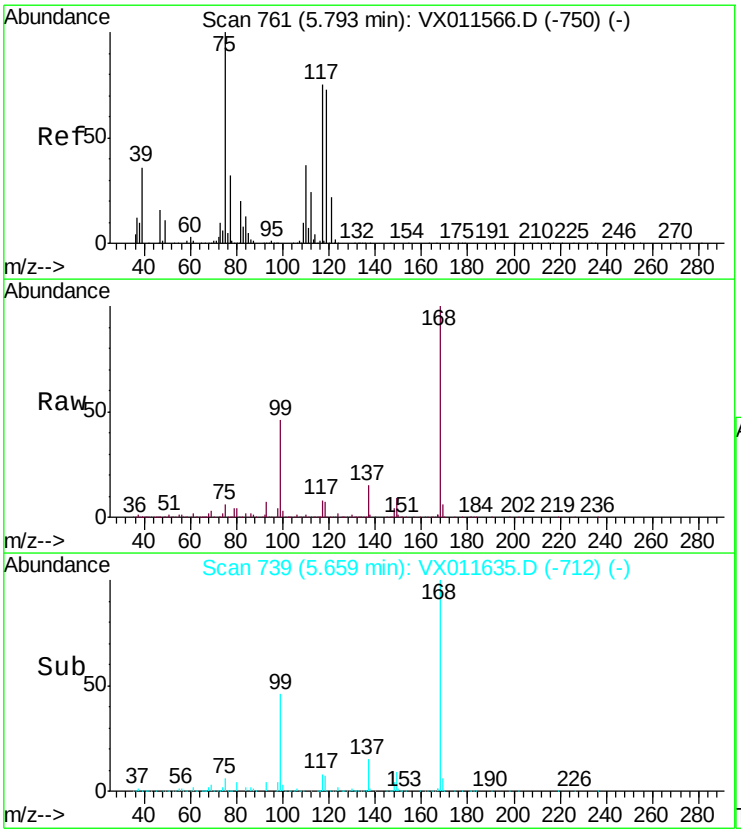
#35
Dibromofluoromethane
Concen: 45.061 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
PH2-0133DL

Tgt Ion:113 Resp: 179313

Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.1	121.7
192	25.4	20.8	31.2

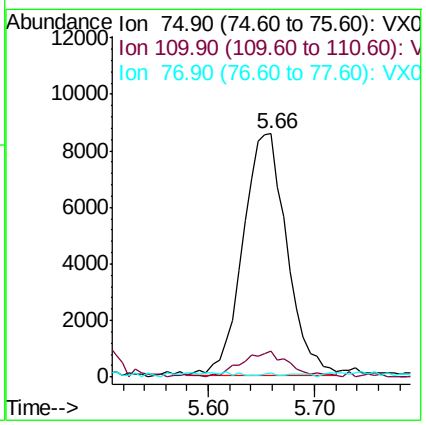


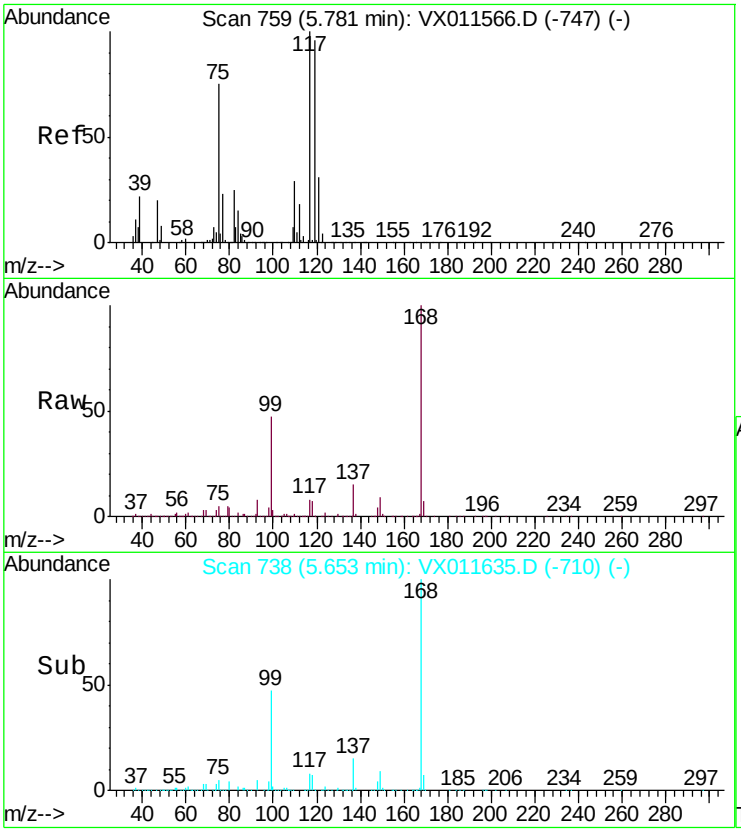


#36
1,1-Dichloropropene
Concen: 4.746 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Tgt Ion: 75 Resp: 24687

Ion	Ratio	Lower	Upper
75	100		
110	11.7	19.4	58.1#
77	0.2	25.1	37.7#



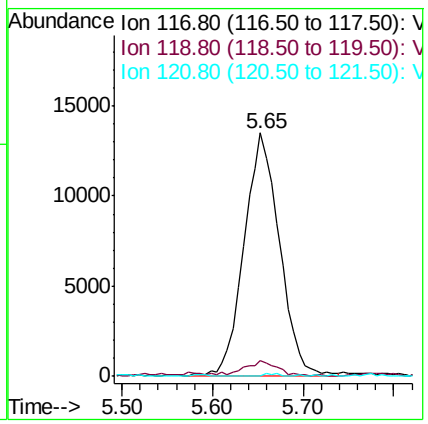


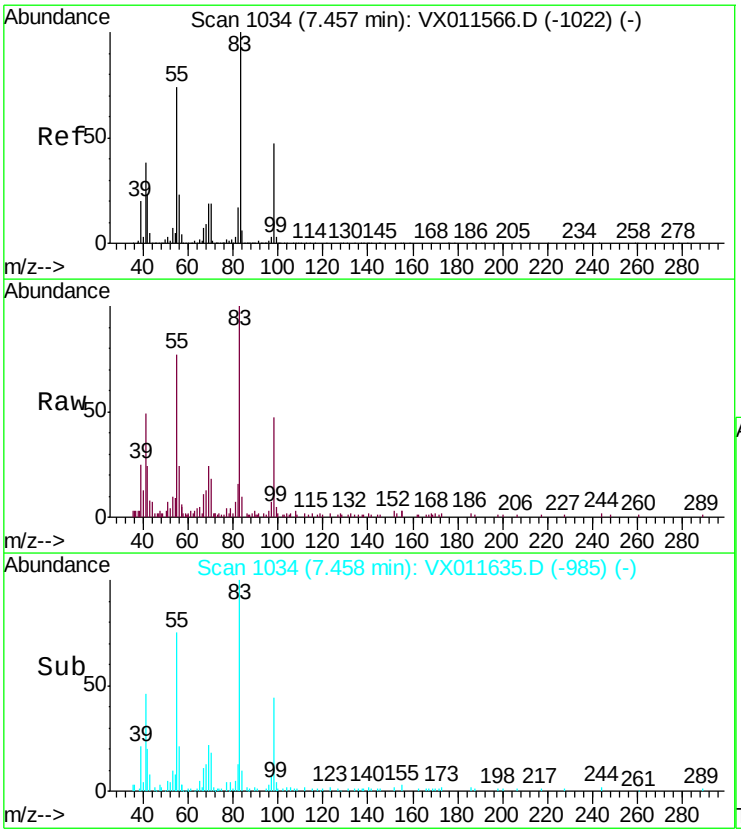
#38
Carbon Tetrachloride
Concen: 6.379 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.13 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
PH2-0133DL

Tgt Ion:117 Resp: 36557

Ion	Ratio	Lower	Upper
117	100		
119	6.5	76.9	115.3#
121	0.0	24.8	37.2#

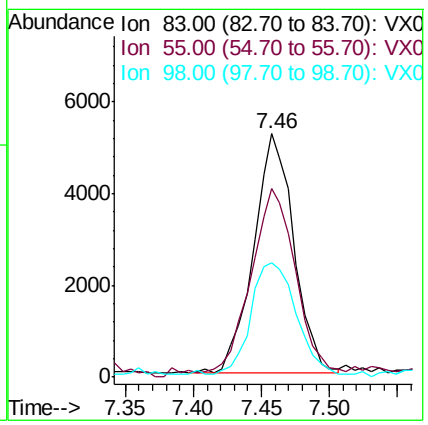


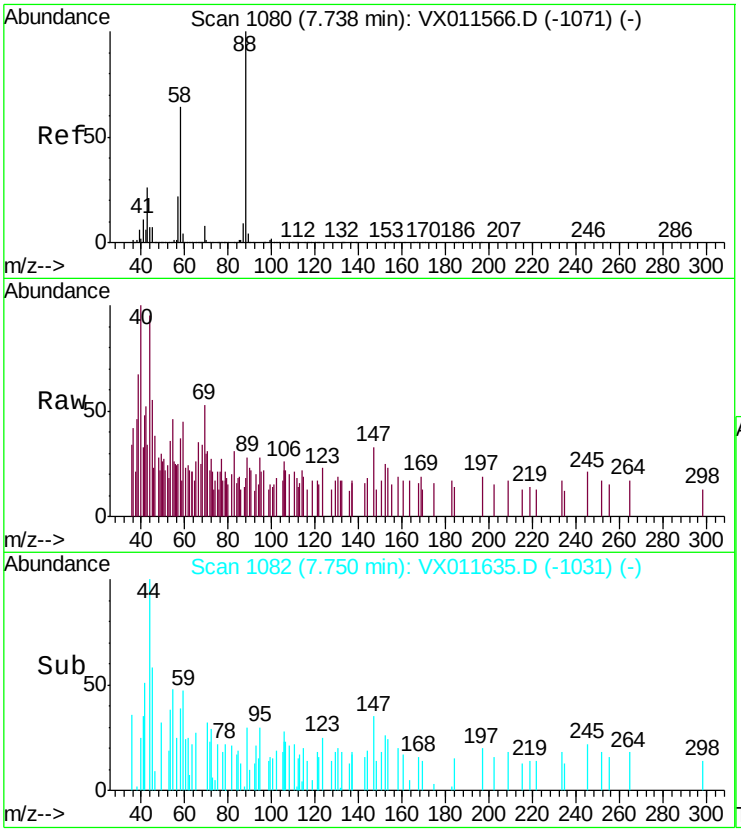


#39
Methylcyclohexane
Concen: 1.672 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Tgt Ion: 83 Resp: 10741

Ion	Ratio	Lower	Upper
83	100		
55	75.7	58.8	88.2
98	46.3	37.8	56.6



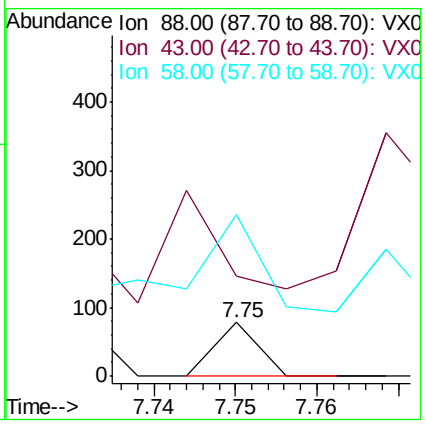


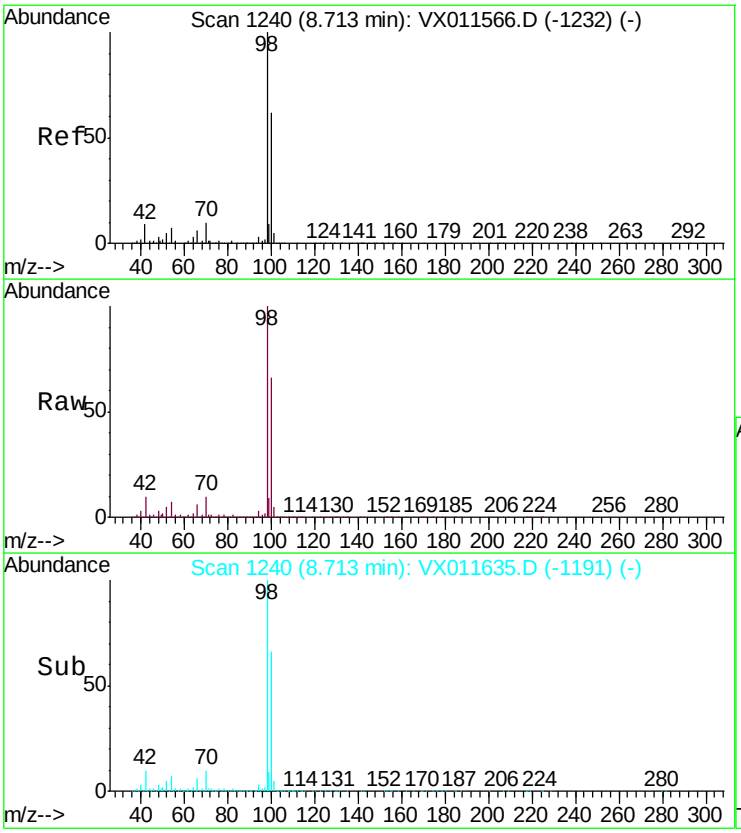
#49
1,4-Dioxane
Concen: 0.236 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.01 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
PH2-0133DL

Tgt Ion: 88 Resp: 29

Ion	Ratio	Lower	Upper
88	100		
43	551.7	23.4	35.0#
58	793.1	54.3	81.5#

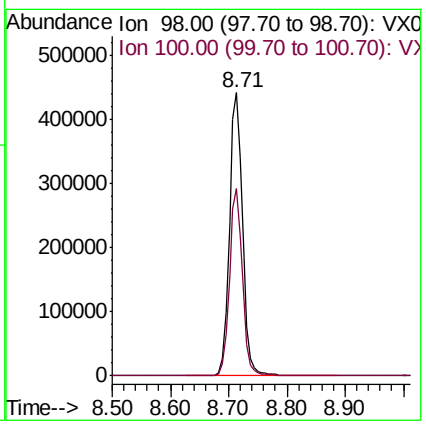


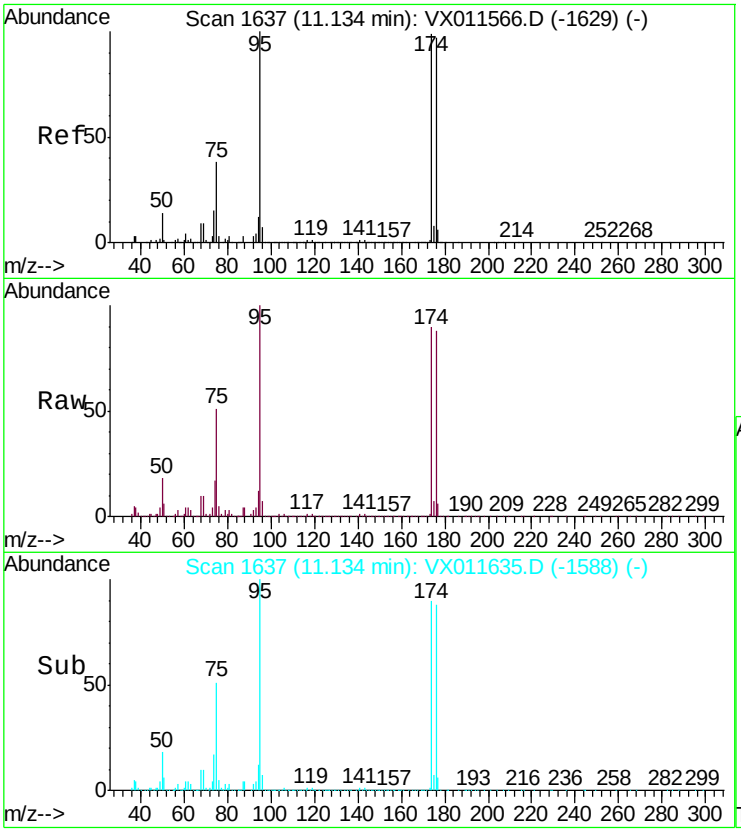


#50
Toluene-d8
Concen: 55.802 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Tgt Ion: 98 Resp: 691896

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.4	78.6



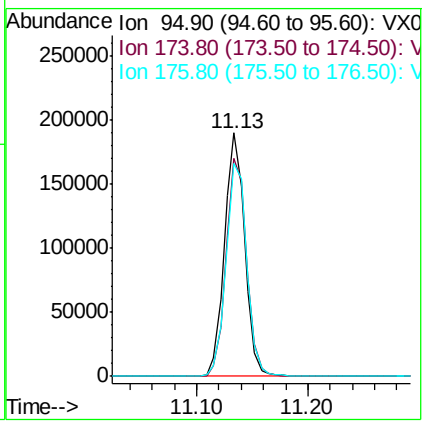


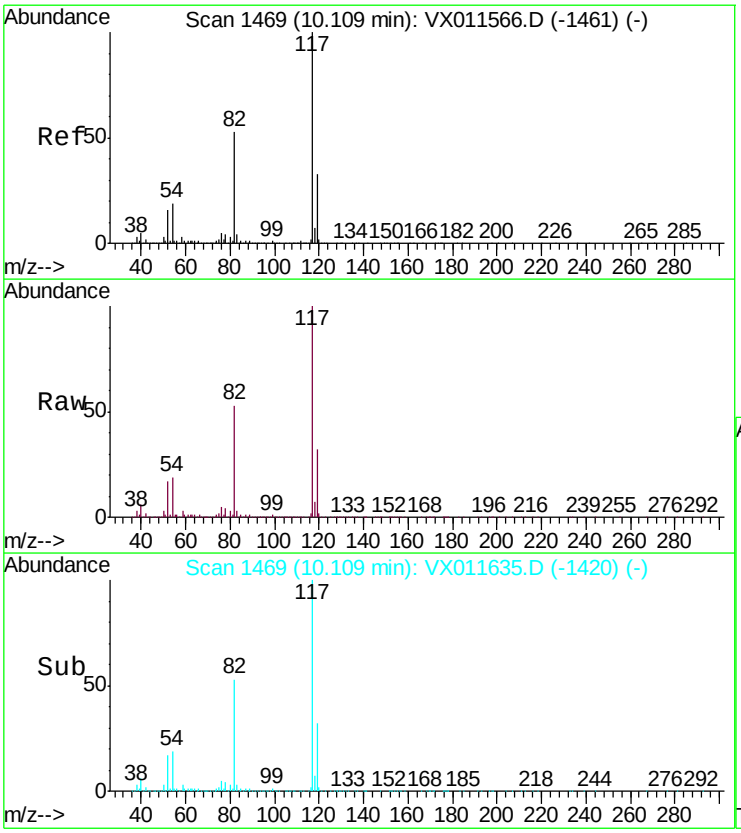
#62
4-Bromofluorobenzene
Concen: 45.619 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
PH2-0133DL

Tgt Ion: 95 Resp: 238748

Ion	Ratio	Lower	Upper
95	100		
174	91.2	0.0	200.6
176	89.8	0.0	196.6

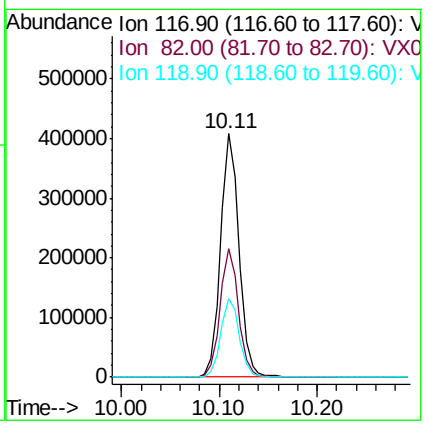


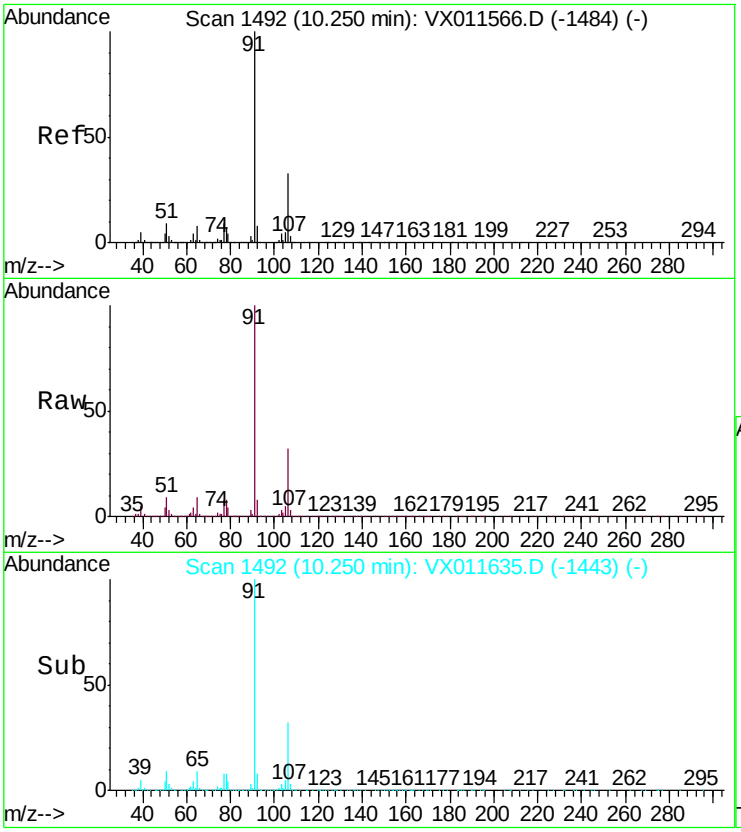


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Tgt Ion:117 Resp: 535356

Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.0	63.0
119	32.2	26.5	39.7



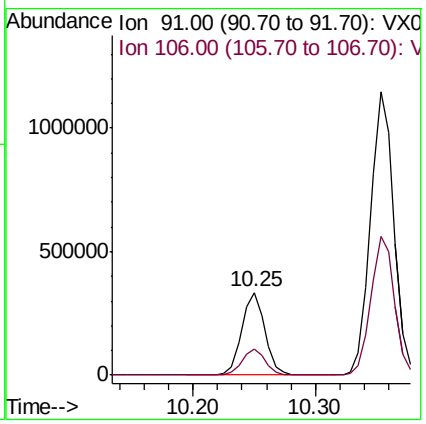


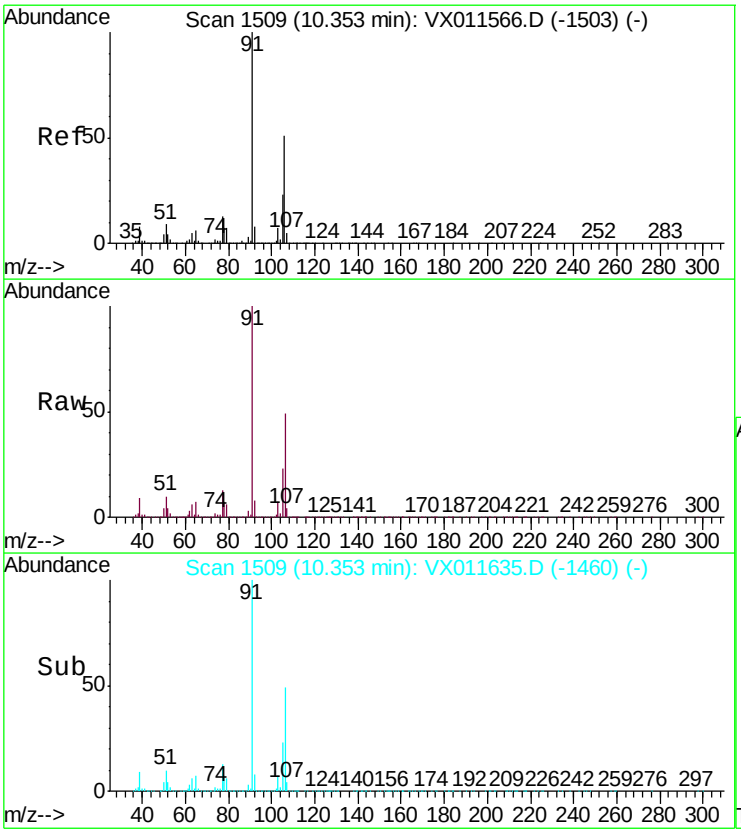
#67
Ethyl Benzene
Concen: 23.045 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
PH2-0133DL

Tgt Ion: 91 Resp: 439156

Ion	Ratio	Lower	Upper
91	100		
106	32.1	26.0	39.0

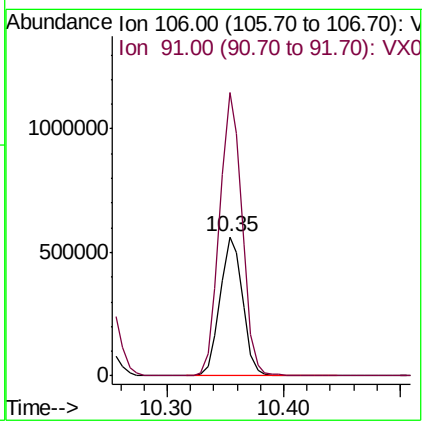


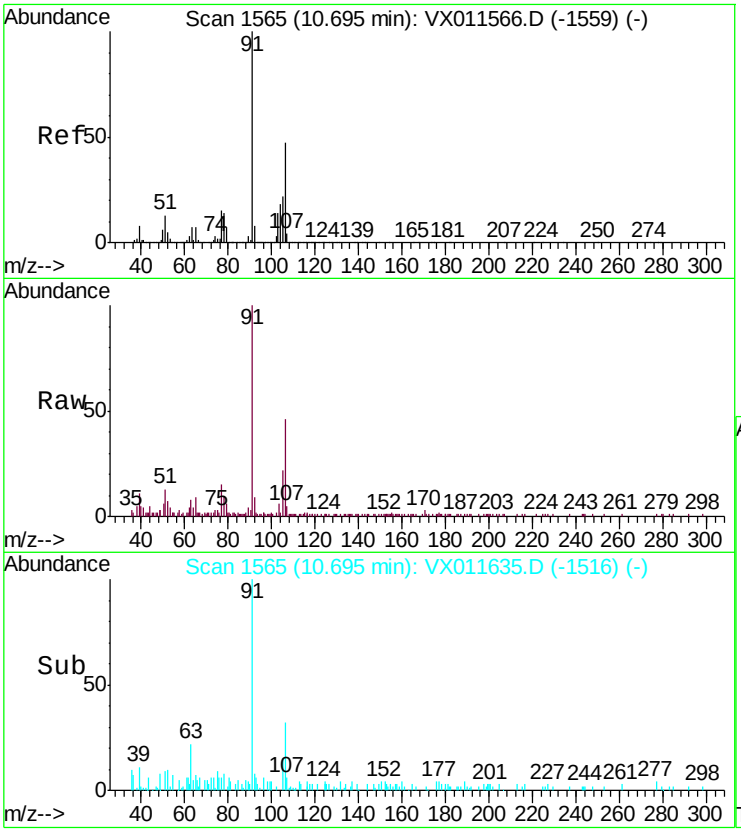


#68
m/p-Xylenes
Concen: 103.069 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Tgt Ion:106 Resp: 753943

Ion	Ratio	Lower	Upper
106	100		
91	203.0	156.0	234.0



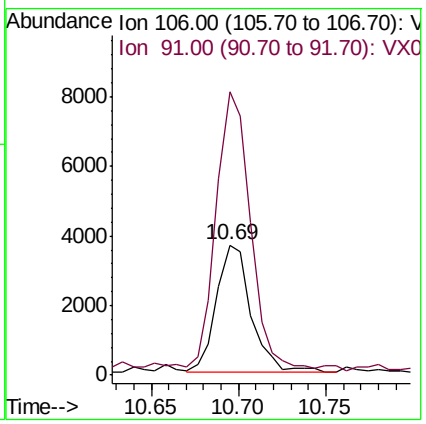


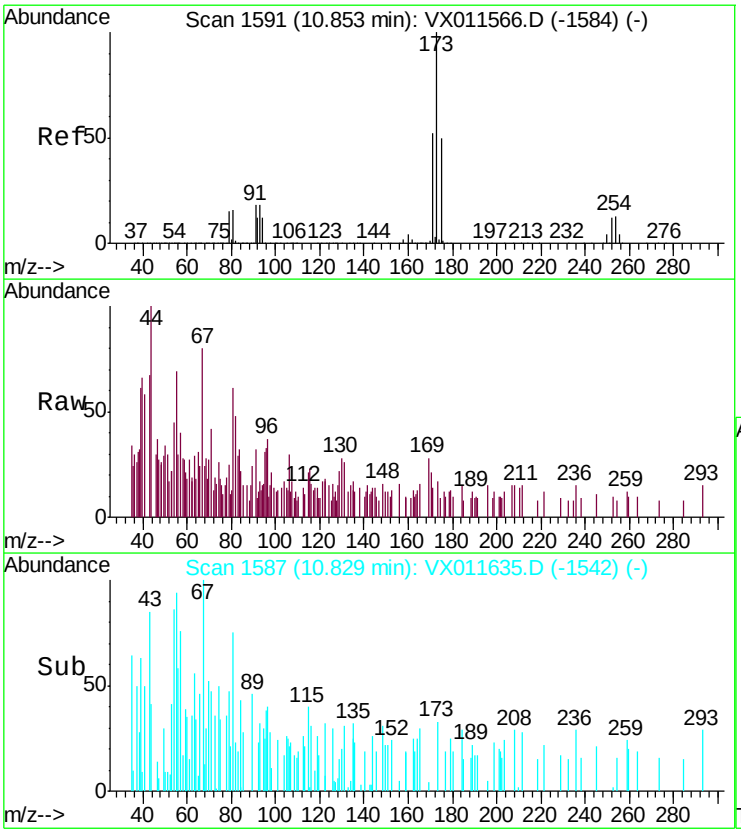
#69
o-Xylene
Concen: 0.714 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
PH2-0133DL

Tgt Ion:106 Resp: 5113

Ion	Ratio	Lower	Upper
106	100		
91	211.4	105.5	316.4

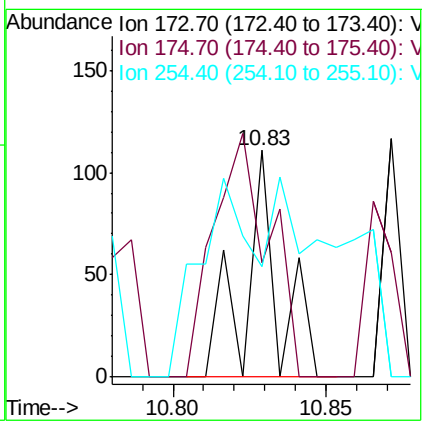


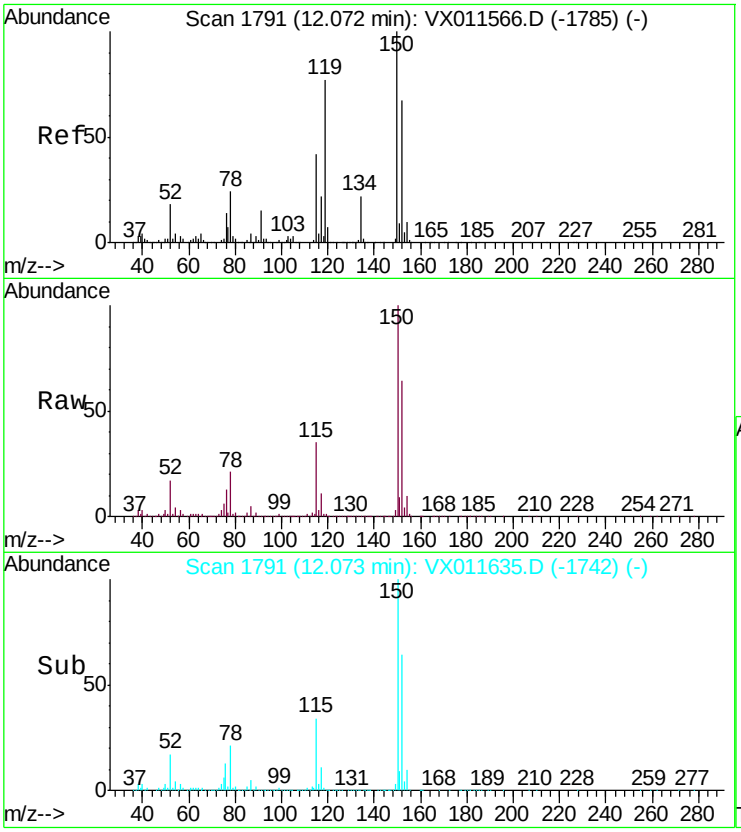


#71
Bromoform
Concen: 3.310 ug/l
RT: 10.83 min Scan# 1587
Delta R.T. -0.02 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Tgt Ion:173 Resp: 84

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.9	74.7#
254	144.0	0.1	0.1#



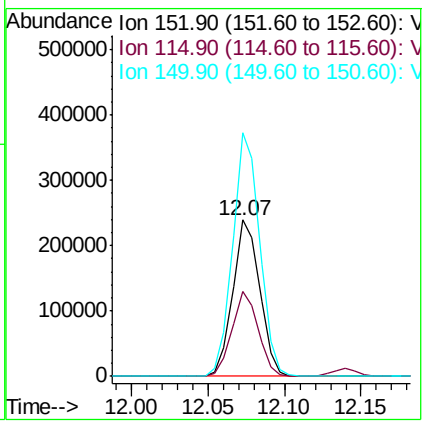


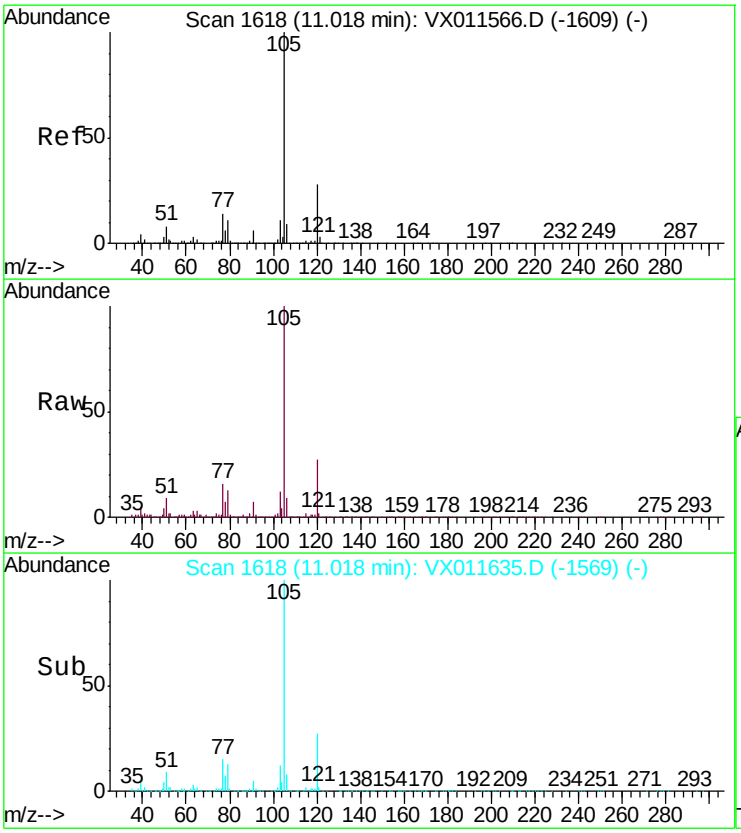
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
PH2-0133DL

Tgt Ion:152 Resp: 292652

Ion	Ratio	Lower	Upper
152	100		
115	52.8	37.3	111.9
150	155.8	0.0	346.2

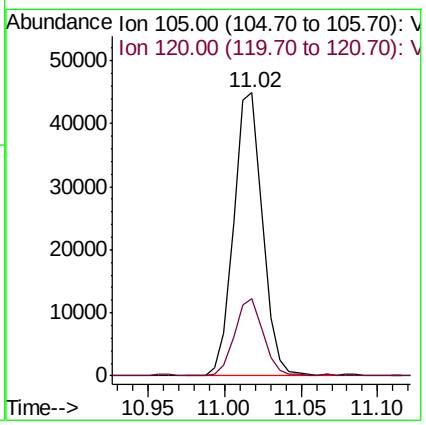


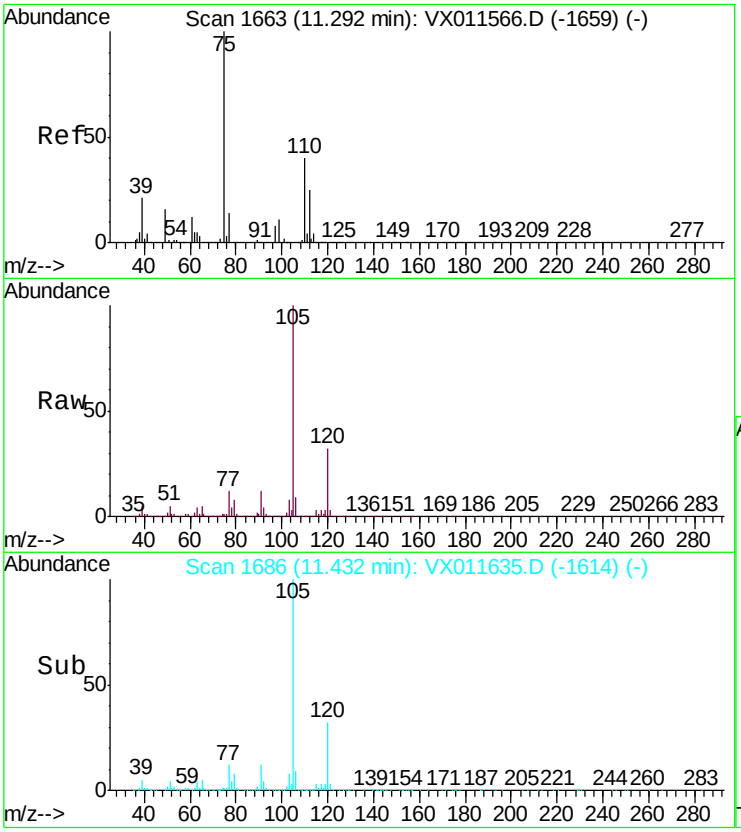


#73
Isopropylbenzene
Concen: 3.100 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Tgt Ion:105 Resp: 58861

Ion	Ratio	Lower	Upper
105	100		
120	26.6	14.0	41.9



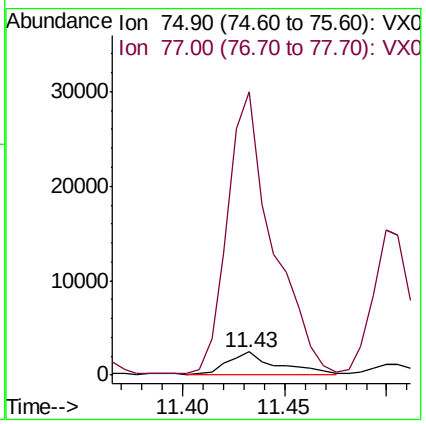


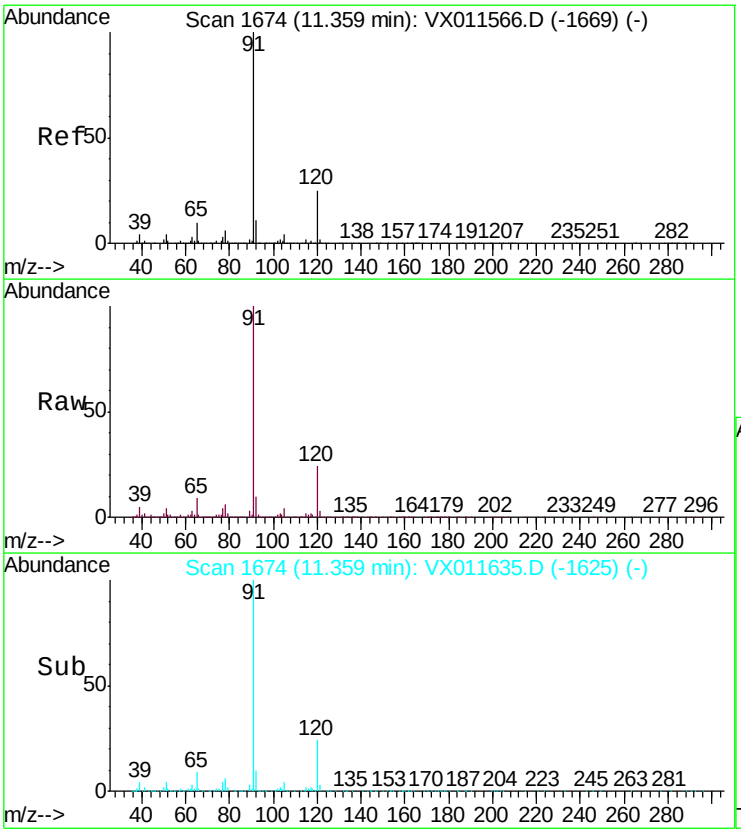
#76
1,2,3-Trichloropropane
Concen: 0.704 ug/l
RT: 11.43 min Scan# 1686
Delta R.T. 0.14 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
PH2-0133DL

Tgt Ion: 75 Resp: 3906

Ion	Ratio	Lower	Upper
75	100		
77	1167.0	20.9	62.8#

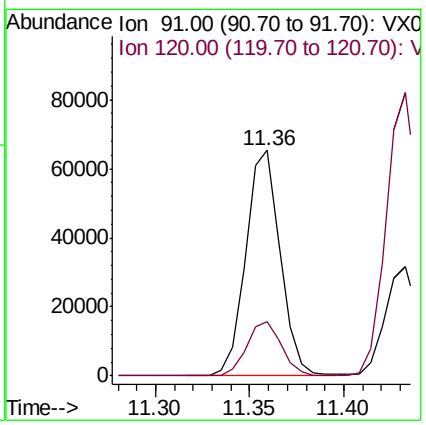


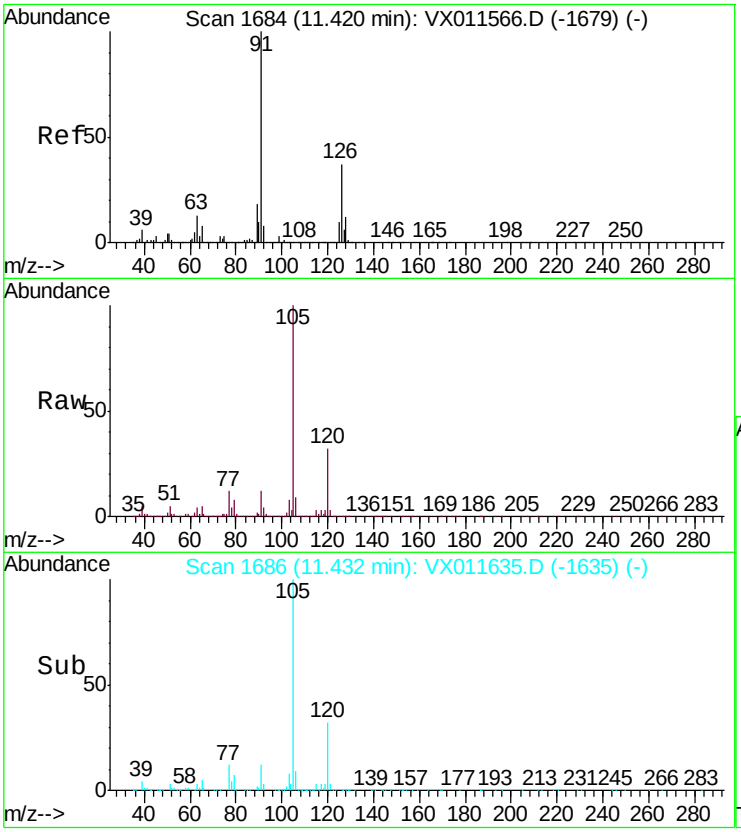


#78
n-propylbenzene
Concen: 4.034 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Tgt Ion: 91 Resp: 82601

Ion	Ratio	Lower	Upper
91	100		
120	24.5	12.6	37.6



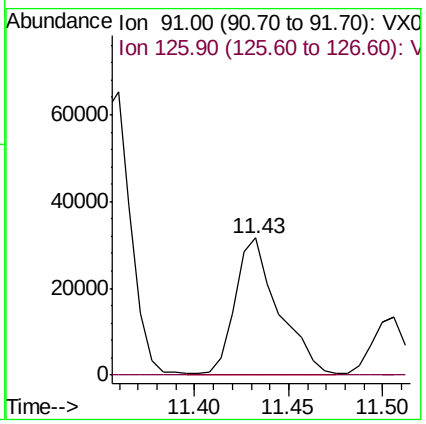


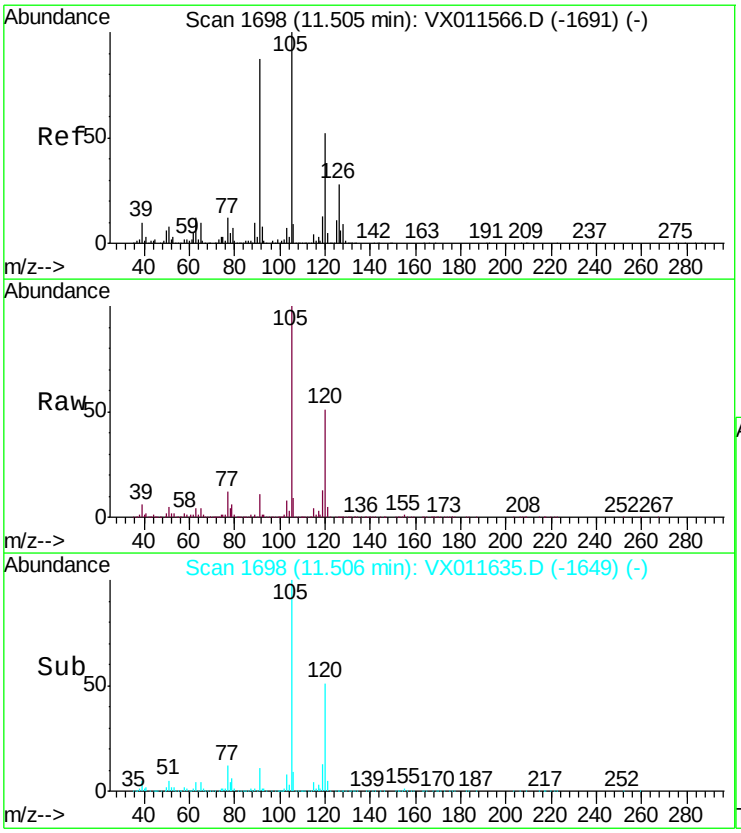
#79
2-Chlorotoluene
Concen: 4.004 ug/l
RT: 11.43 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Instrument : MSVOA_X
ClientSampleId : PH2-0133DL

Tgt Ion: 91 Resp: 50349

Ion	Ratio	Lower	Upper
91	100		
126	0.3	18.4	55.0#

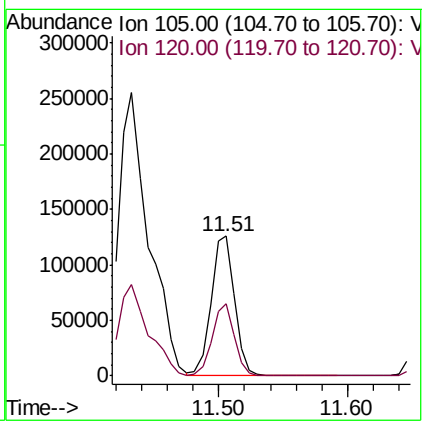


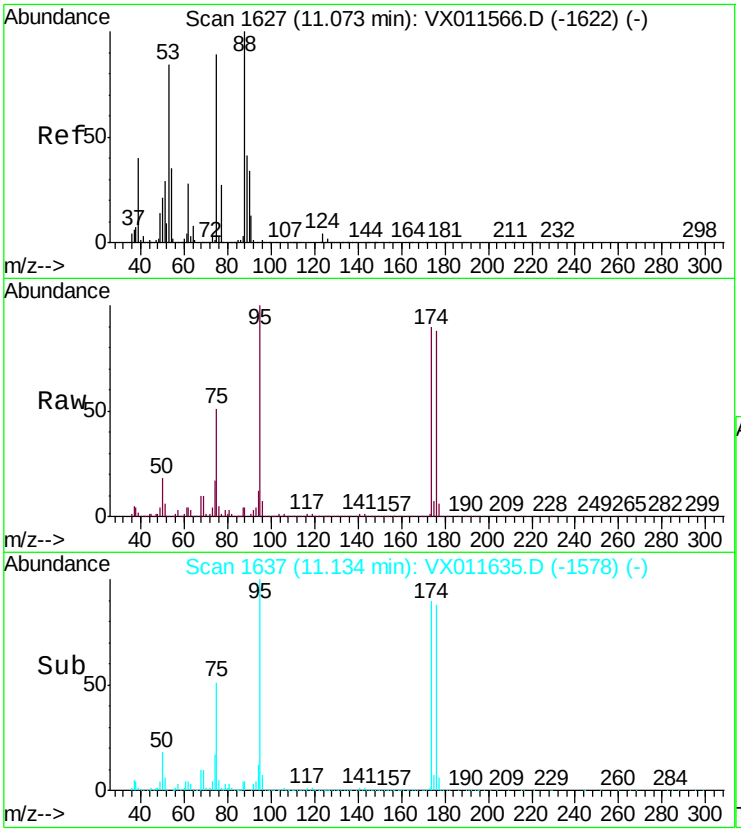


#80
1,3,5-Trimethylbenzene
Concen: 10.064 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Tgt Ion:105 Resp: 160541

Ion	Ratio	Lower	Upper
105	100		
120	49.0	25.3	75.8



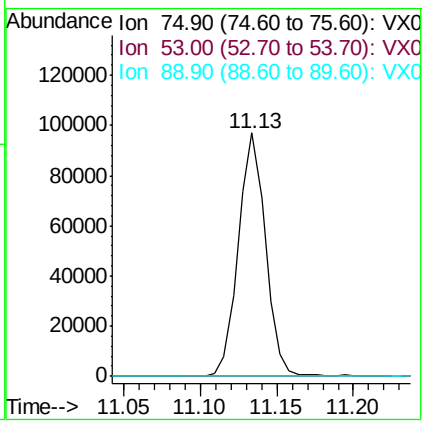


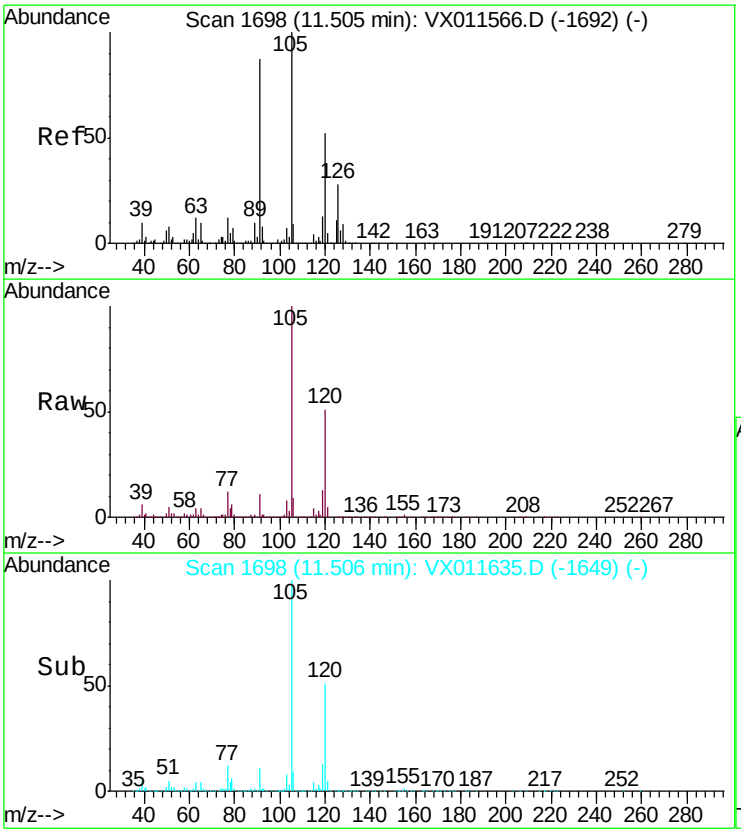
#81
trans-1,4-Dichloro-2-butene
Concen: 57.240 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
PH2-0133DL

Tgt Ion: 75 Resp: 118721

Ion	Ratio	Lower	Upper
75	100		
53	0.1	77.4	116.0#
89	0.2	37.3	55.9#

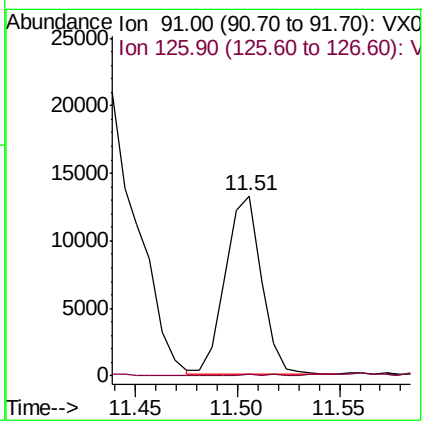


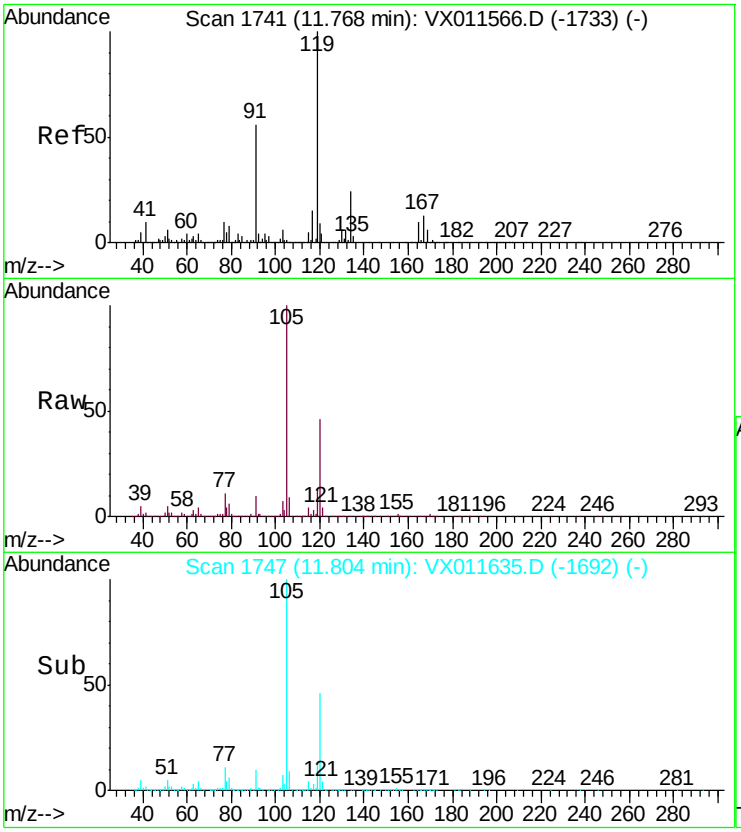


#82
4-Chlorotoluene
Concen: 1.110 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Tgt Ion: 91 Resp: 16198

Ion	Ratio	Lower	Upper
91	100		
126	0.9	16.4	49.1#



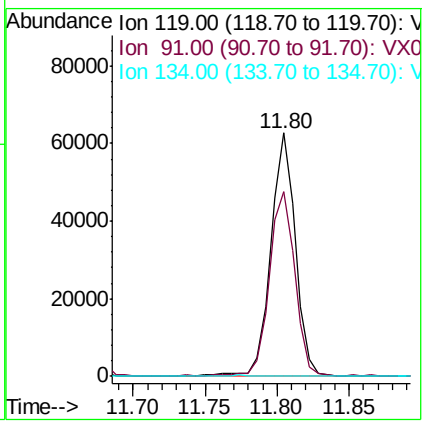


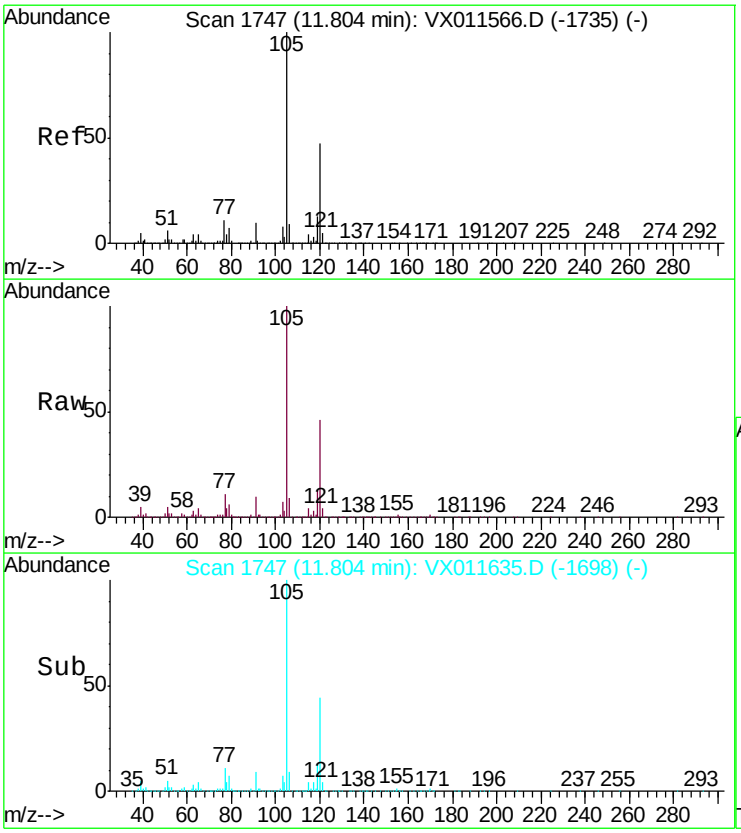
#83
tert-Butylbenzene
Concen: 4.587 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.04 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
PH2-0133DL

Tgt Ion:119 Resp: 74529

Ion	Ratio	Lower	Upper
119	100		
91	77.9	27.1	81.3
134	0.0	11.8	35.3#

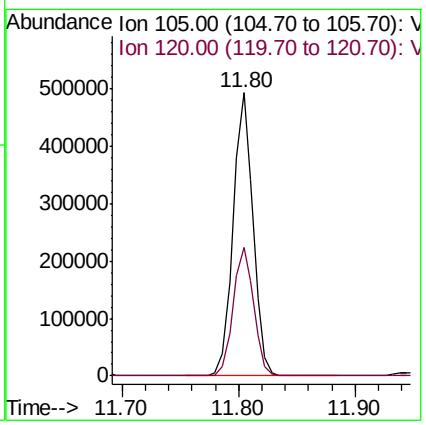


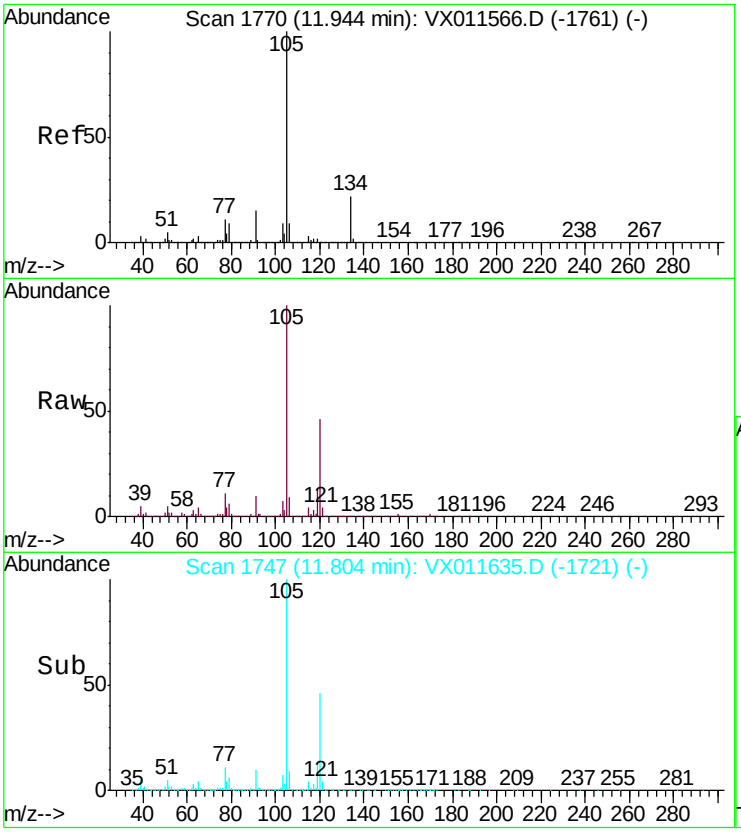


#84
1,2,4-Trimethylbenzene
Concen: 36.447 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Tgt Ion:105 Resp: 583691

Ion	Ratio	Lower	Upper
105	100		
120	47.0	23.3	69.9



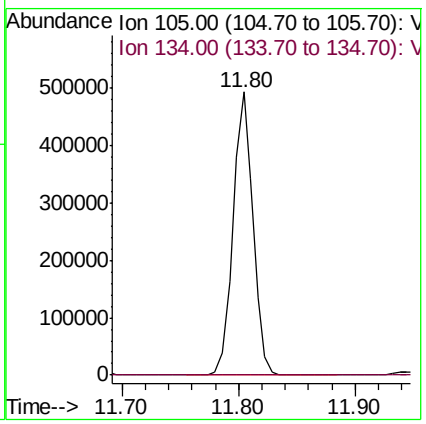


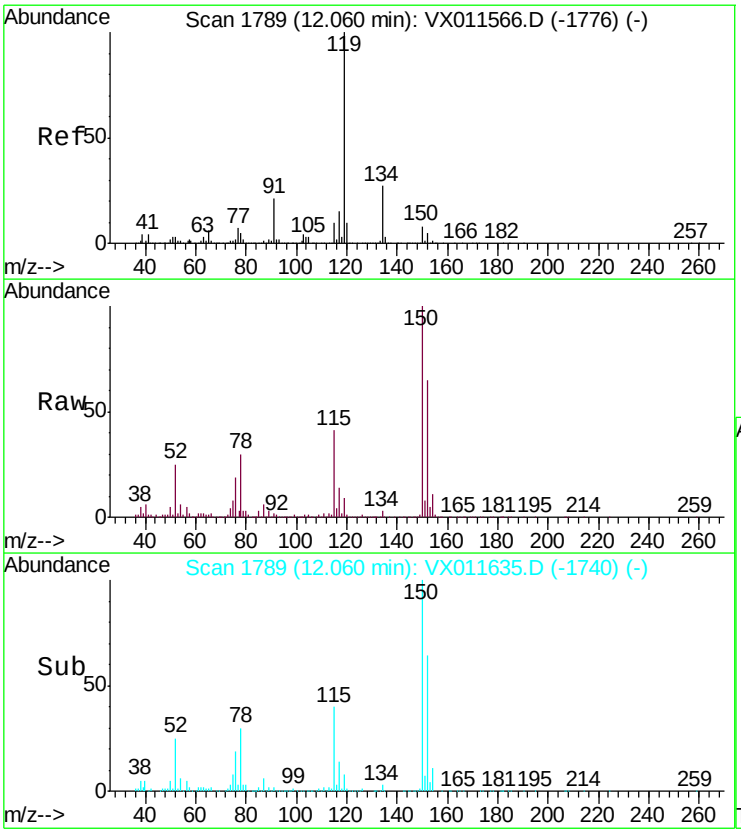
#85
sec-Butylbenzene
Concen: 31.843 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.14 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
PH2-0133DL

Tgt Ion:105 Resp: 583691

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.8	32.4#

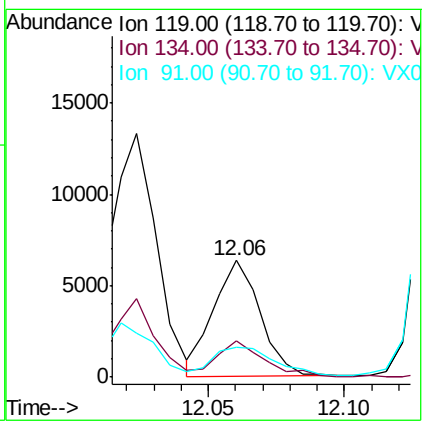


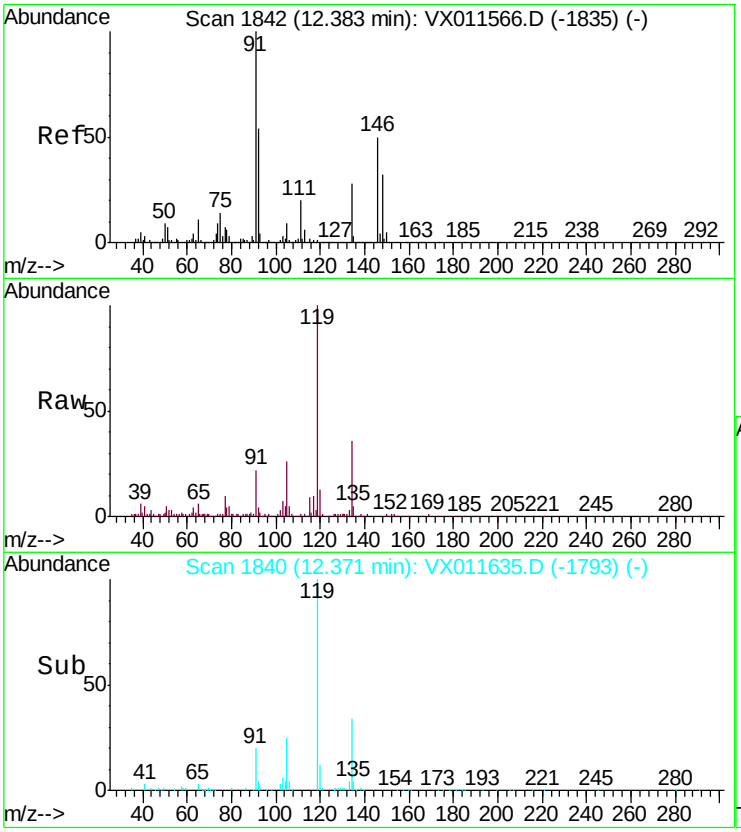


#86
p-Isopropyltoluene
Concen: 0.436 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Tgt Ion:119 Resp: 7516

Ion	Ratio	Lower	Upper
119	100		
134	32.1	13.6	40.8
91	31.7	10.9	32.9



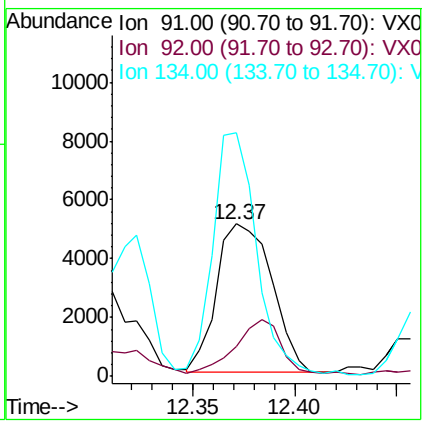


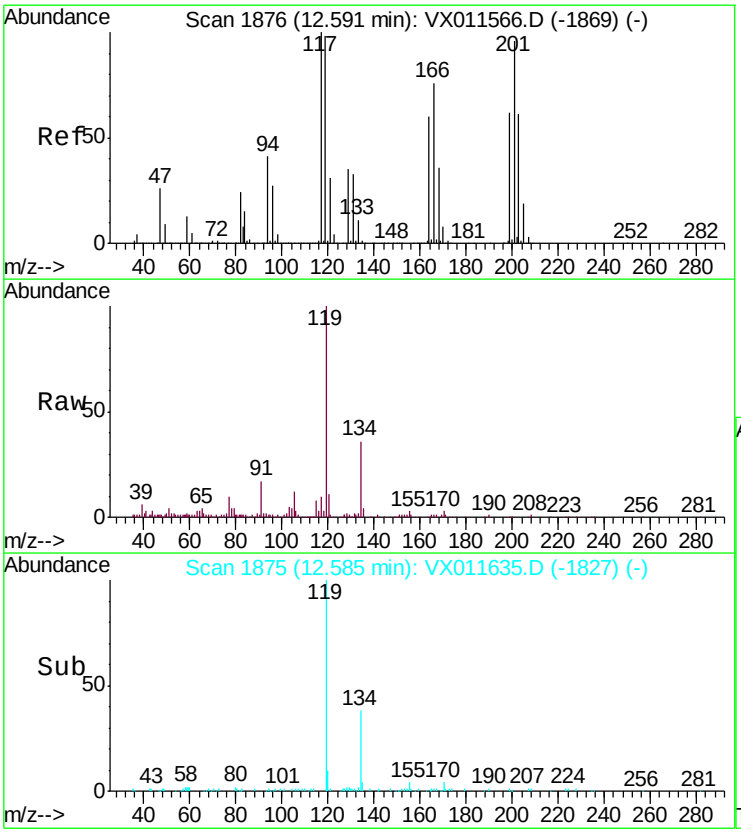
#89
n-Butylbenzene
Concen: 0.669 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
PH2-0133DL

Tgt Ion: 91 Resp: 9485

Ion	Ratio	Lower	Upper
91	100		
92	31.5	26.8	80.3
134	128.4	14.6	44.0#

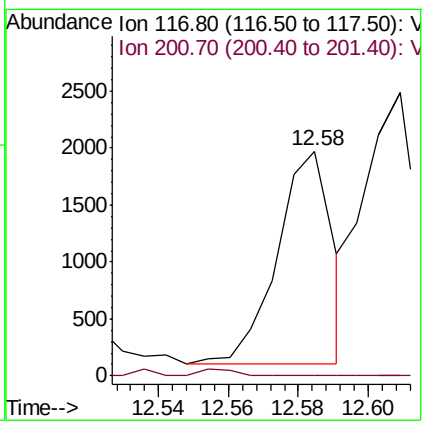


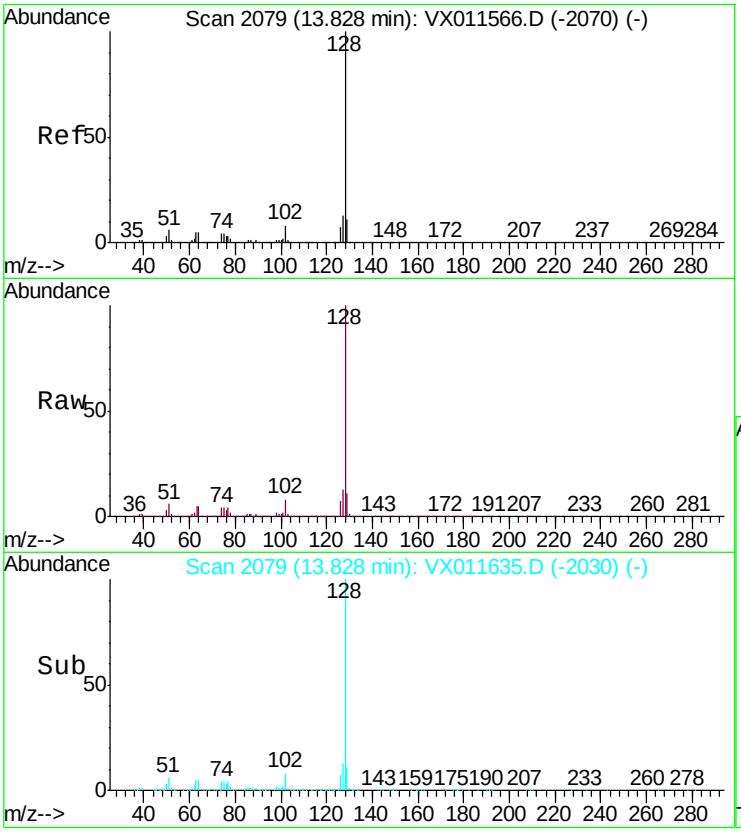


#90
Hexachloroethane
Concen: 0.762 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Tgt Ion:117 Resp: 2076

Ion	Ratio	Lower	Upper
117	100		
201	0.0	51.9	155.7#





#95
Naphthalene
Concen: 10.954 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX011635.D
Acq: 19 Aug 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
PH2-0133DL

Tgt Ion:128 Resp: 224940

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.1	8.7	13.1