Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081420\
Data File : VX017905.D
Acq On : 14 Aug 2020 18:02
Operator : JC/SP
Sample : L3697-02DL 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0M9DL

Quant Time: Aug 17 01:32:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 17 01:26:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	292249	5.00	ug/L		0.00
28) Chlorobenzene-d5	10.10	117	277713	5.00	ug/L		0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	139798	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.39	65	87854	4.35	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.00%				
7) Chloroethane-d5	1.69	69	73013	4.55	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.00%				
11) 1,1-Dichloroethene-d2	2.34	63	131425	3.16	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.20%				
20) 2-Butanone-d5	4.53	46	248260	46.29	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.58%				
24) Chloroform-d	5.14	84	176024	4.29	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.80%				
26) 1,2-Dichloroethane-d4	6.03	65	97950	4.35	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.00%				
32) Benzene-d6	6.05	84	330319	4.33	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.60%				
36) 1,2-Dichloropropane-d6	7.37	67	114862	4.87	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.40%				
41) Toluene-d8	8.70	98	291257	4.01	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.20%				
45) trans-1,3-Dichloropropene-	8.99	79	44109	4.32	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.40%				
48) 2-Hexanone-d5	9.43	63	185210	43.66	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.32%				
59) 1,1,2,2-Tetrachloroethane-	11.23	84	80728	4.51	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.20%				
65) 1,2-Dichlorobenzene-d4	12.36	152	134970	5.02	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.40%				
Target Compounds							Qvalue
5) Vinyl chloride	1.39	62	17856	0.649	ug/L		87
8) Chloroethane	1.71	64	45136	2.932	ug/L		93
13) Acetone	2.42	43	19021	4.854	ug/L		94
16) Methylene chloride	2.83	84	8532	0.276	ug/L		89
19) 1,1-Dichloroethane	3.67	63	11345	0.250	ug/L		95
21) 2-Butanone	4.65	43	5598	0.827	ug/L		75
22) cis-1,2-Dichloroethene	4.56	96	88489	3.318	ug/L	#	96
25) Chloroform	5.18	83	18258	0.374	ug/L		93
27) 1,2-Dichloroethane	6.12	62	55424	1.769	ug/L	#	76
30) Cyclohexane	5.54	56	10625	0.269	ug/L	#	92
33) Benzene	6.12	78	5762415	58.611	ug/L		100
35) Methylcyclohexane	7.44	83	9930	0.246	ug/L	#	78
40) 4-Methyl-2-pentanone	8.62	43	10163	0.631	ug/L	#	81
42) Toluene	8.77	91	7517239	70.434	ug/L		93
43) 1,3,5-Trimethylbenzene	11.49	105	71083	0.730	ug/L		96
44) 1,2,4-Trimethylbenzene	11.79	105	325571	3.282	ug/L		99
53) Chlorobenzene	10.12	112	881188	12.685	ug/L		98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081420\
Data File : VX017905.D
Acq On : 14 Aug 2020 18:02
Operator : JC/SP
Sample : L3697-02DL 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0M9DL

Quant Time: Aug 17 01:32:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 17 01:26:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) Ethylbenzene	10.24	91	1571611	13.493	ug/L		99
55) m,p-xylene	10.34	106	1518739	34.150	ug/L		100
56) o-xylene	10.68	106	421674	9.779	ug/L		97
57) Styrene	10.68	104	25060	0.344	ug/L	#	1
58) Isopropylbenzene	11.01	105	242350	2.100	ug/L		99
63) 1,3-Dichlorobenzene	12.01	146	6683	0.123	ug/L		84
64) 1,4-Dichlorobenzene	12.08	146	39176	0.723	ug/L		91
66) 1,2-Dichlorobenzene	12.38	146	57701	1.141	ug/L		97
70) Naphthalene	13.82	128	135506	2.072	ug/L		98

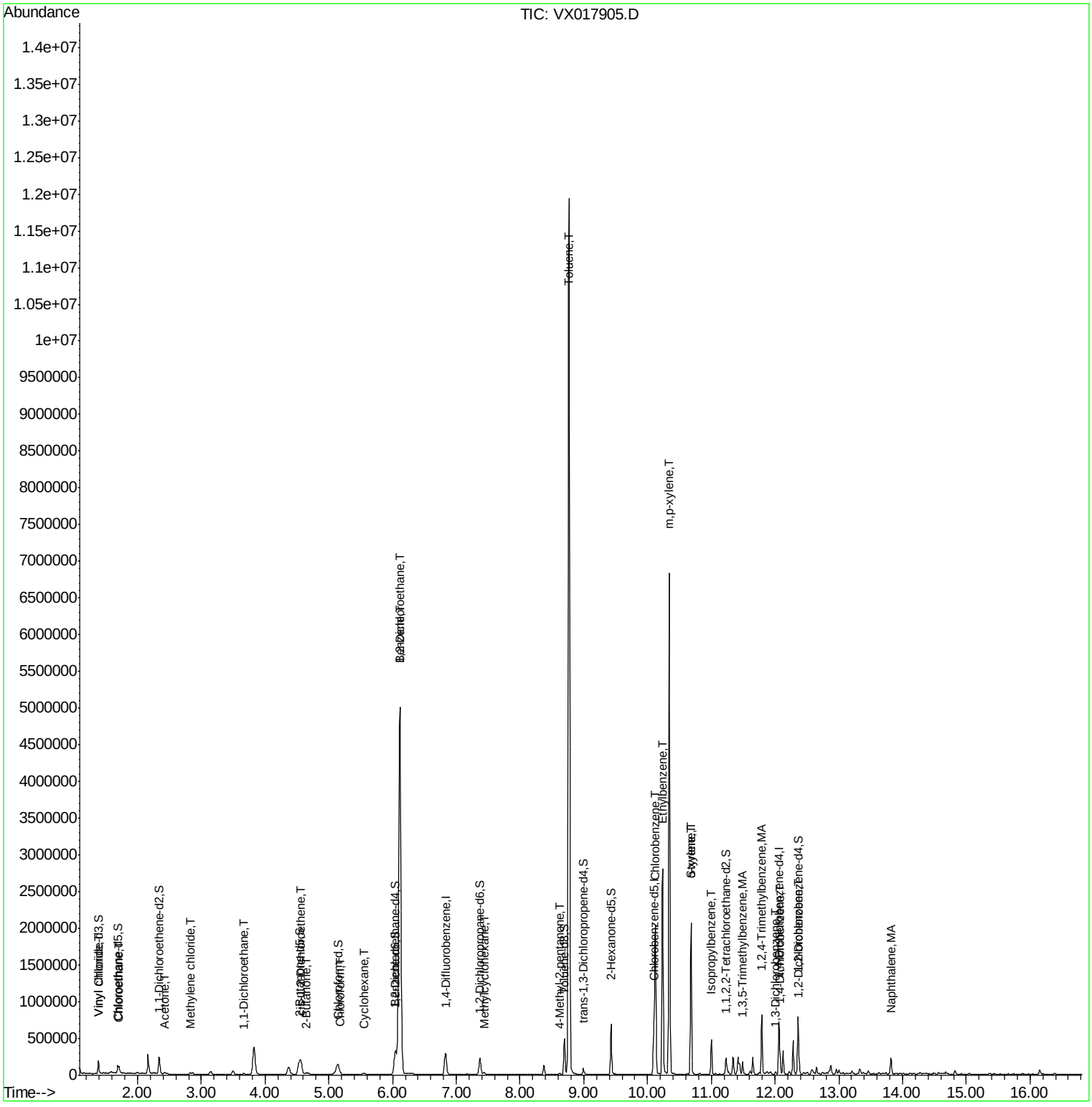
(#) = qualifier out of range (m) = manual integration (+) = signals summed

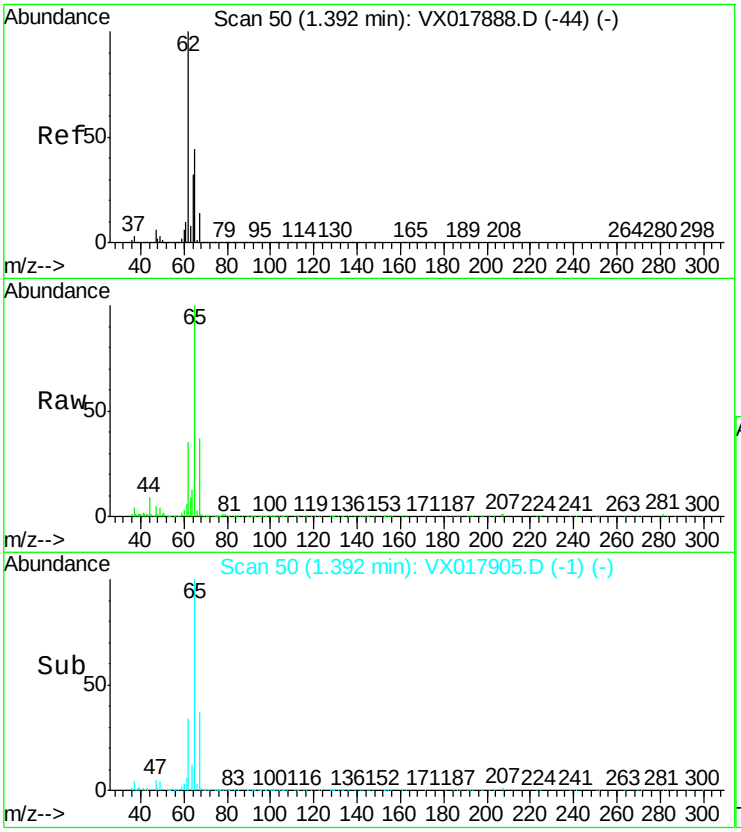
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081420\
Data File : VX017905.D
Acq On : 14 Aug 2020 18:02
Operator : JC/SP
Sample : L3697-02DL 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG0M9DL

Quant Time: Aug 17 01:32:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 17 01:26:51 2020
Response via : Initial Calibration



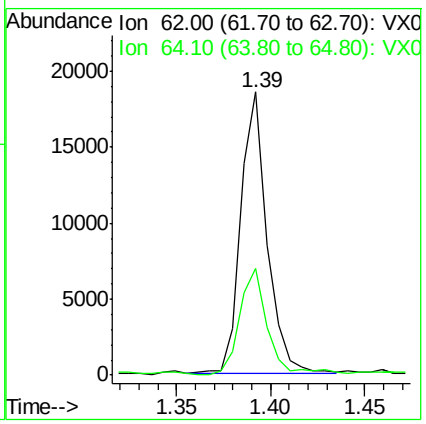


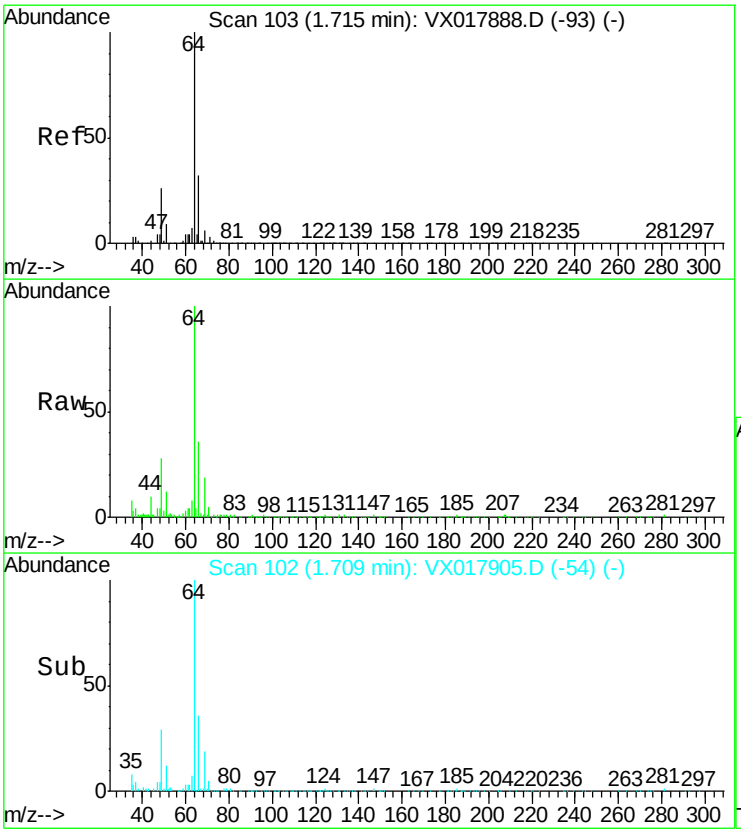
#5
Vinyl chloride
Concen: 0.649 ug/L
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX017905.D
Acq: 14 Aug 2020 18:02

Instrument :
MSVOA_X
ClientSampleId :
BG0M9DL

Tgt Ion: 62 Resp: 17856

Ion	Ratio	Lower	Upper
62	100		
64	37.7	21.3	39.6

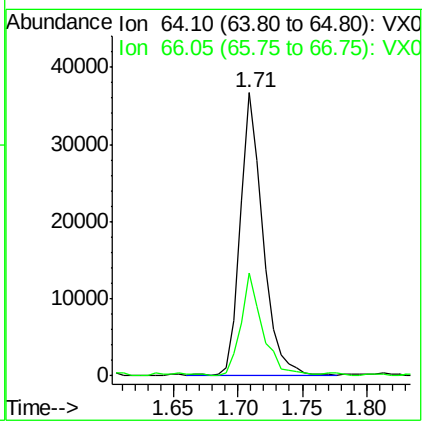


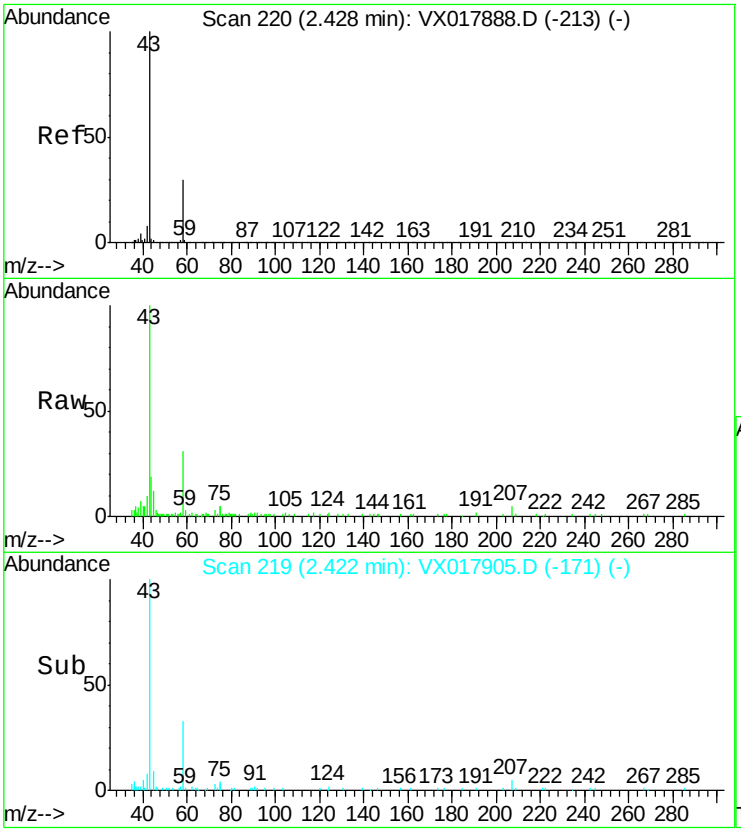


#8
Chloroethane
Concen: 2.932 ug/L
RT: 1.71 min Scan# 102
Delta R.T. -0.01 min
Lab File: VX017905.D
Acq: 14 Aug 2020 18:02

Tgt Ion: 64 Resp: 45136

Ion	Ratio	Lower	Upper
64	100		
66	36.3	22.6	42.0



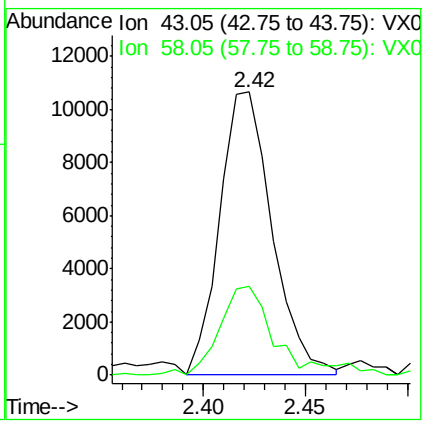


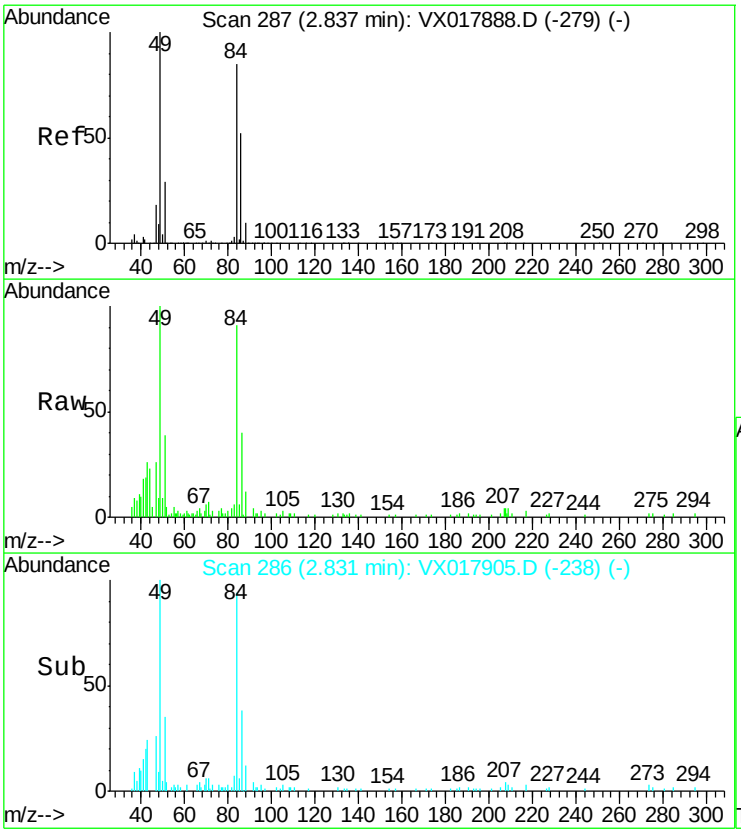
#13
Acetone
Concen: 4.854 ug/L
RT: 2.42 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX017905.D
Acq: 14 Aug 2020 18:02

Instrument :
MSVOA_X
ClientSampleId :
BG0M9DL

Tgt Ion: 43 Resp: 19021

Ion	Ratio	Lower	Upper
43	100		
58	33.9	0.0	60.8

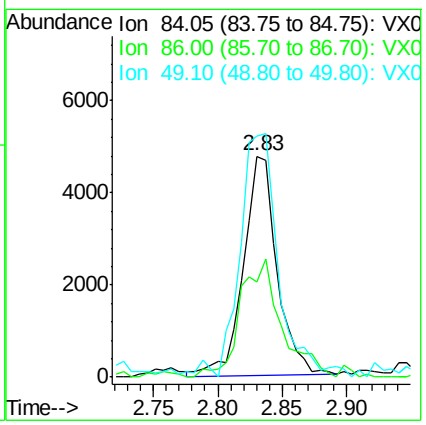


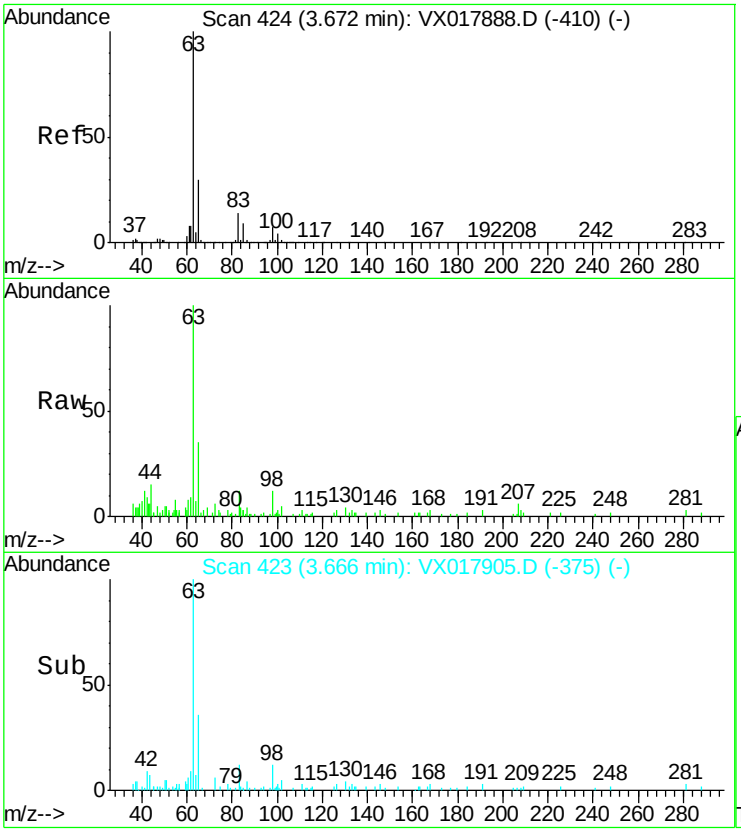


#16
Methylene chloride
Concen: 0.276 ug/L
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017905.D
Acq: 14 Aug 2020 18:02

Tgt Ion: 84 Resp: 8532

Ion	Ratio	Lower	Upper
84	100		
86	43.2	43.0	80.0
49	118.9	86.9	161.3



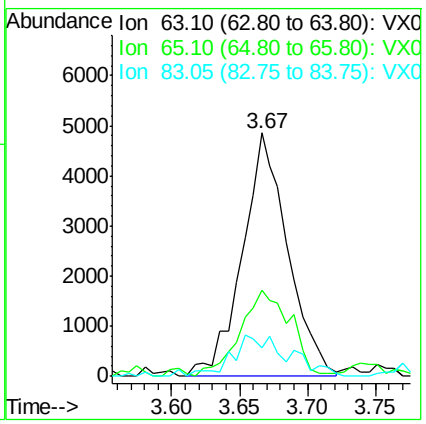


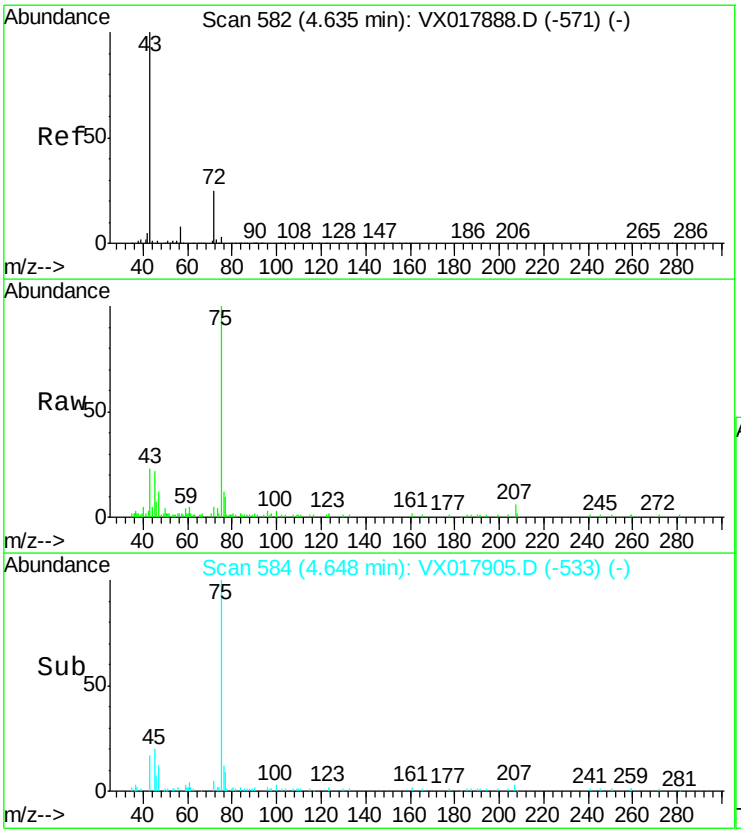
#19
1,1-Dichloroethane
Concen: 0.250 ug/L
RT: 3.67 min Scan# 423
Delta R.T. -0.01 min
Lab File: VX017905.D
Acq: 14 Aug 2020 18:02

Instrument :
MSVOA_X
ClientSampleId :
BG0M9DL

Tgt Ion: 63 Resp: 11345

Ion	Ratio	Lower	Upper
63	100		
65	35.2	22.6	42.0
83	11.7	9.5	17.7

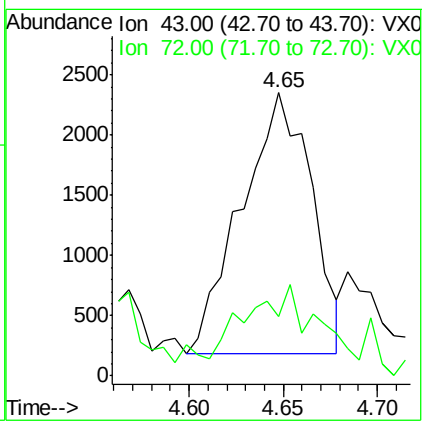


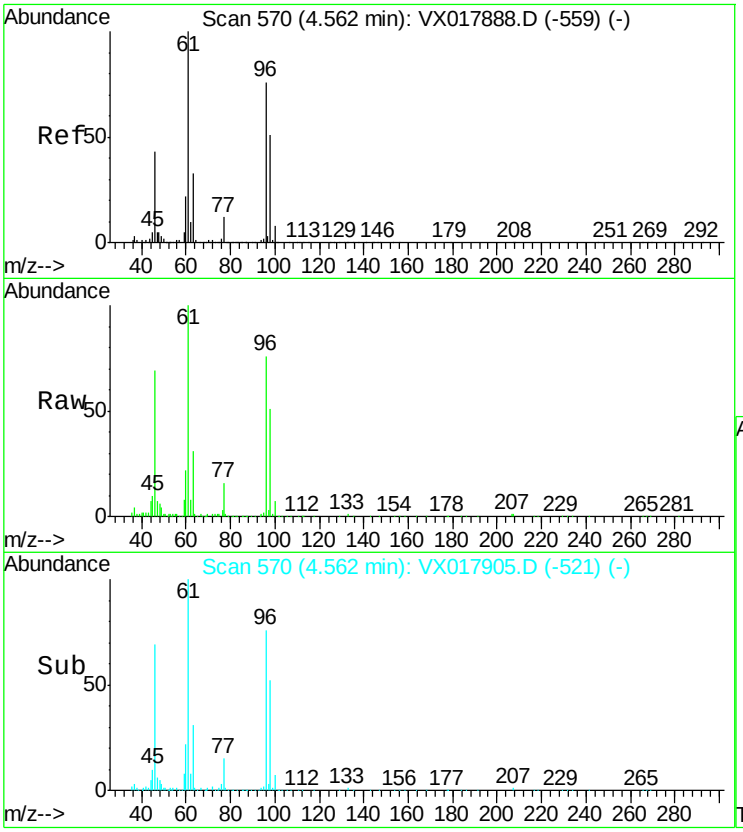


#21
2-Butanone
Concen: 0.827 ug/L
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX017905.D
Acq: 14 Aug 2020 18:02

Tgt Ion: 43 Resp: 5598

Ion	Ratio	Lower	Upper
43	100		
72	13.7	13.2	39.6



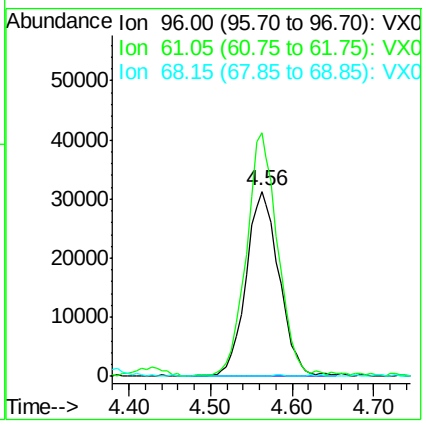


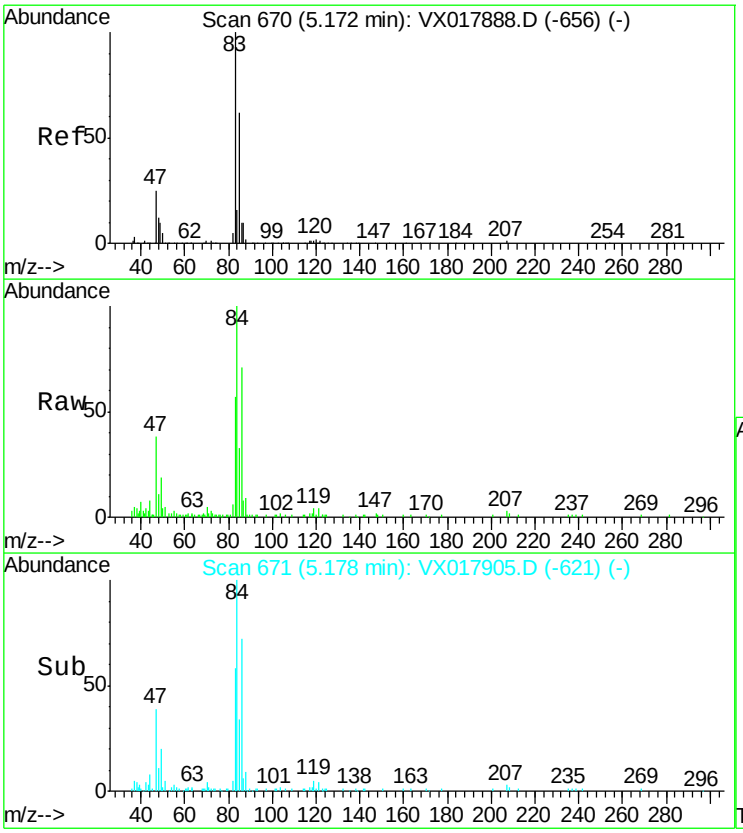
#22
cis-1,2-Dichloroethene
Concen: 3.318 ug/L
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX017905.D
Acq: 14 Aug 2020 18:02

Instrument :
MSVOA_X
ClientSampleId :
BG0M9DL

Tgt Ion: 96 Resp: 88489

Ion	Ratio	Lower	Upper
96	100		
61	131.5	88.8	165.0
68	0.5	0.2	0.4#

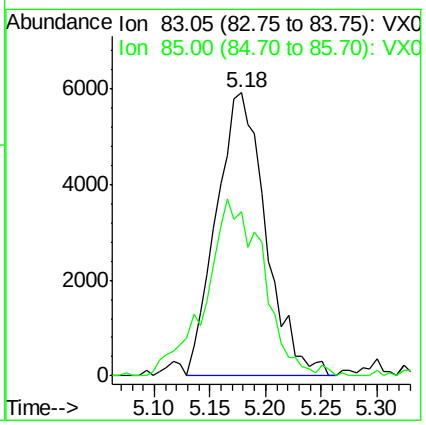


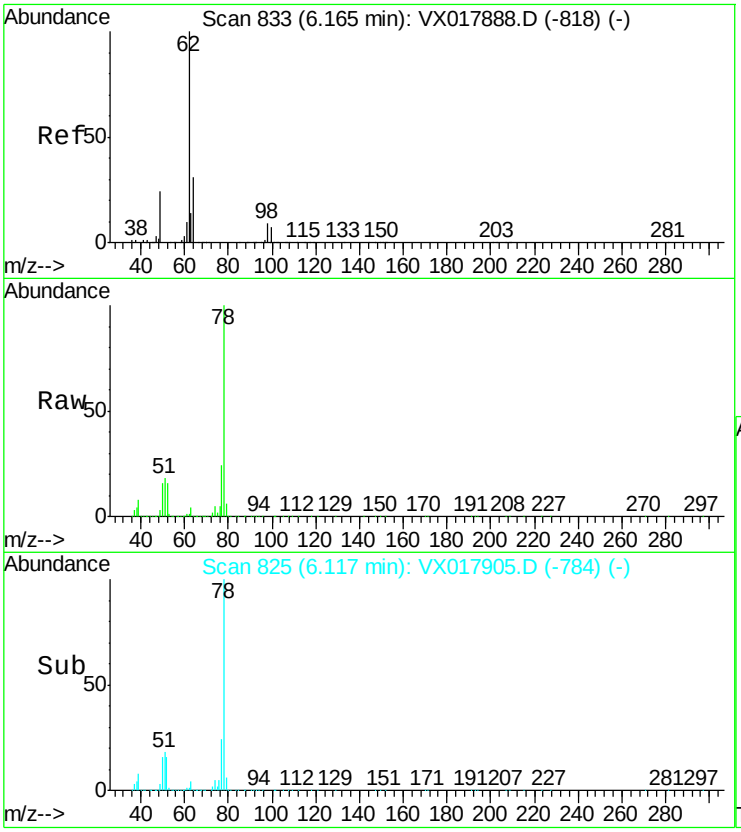


#25
Chloroform
Concen: 0.374 ug/L
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX017905.D
Acq: 14 Aug 2020 18:02

Tgt Ion: 83 Resp: 18258

Ion	Ratio	Lower	Upper
83	100		
85	58.1	44.7	83.1



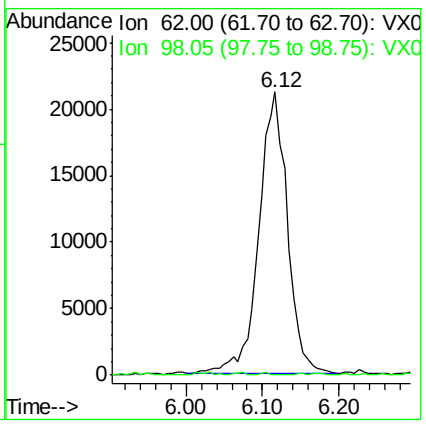


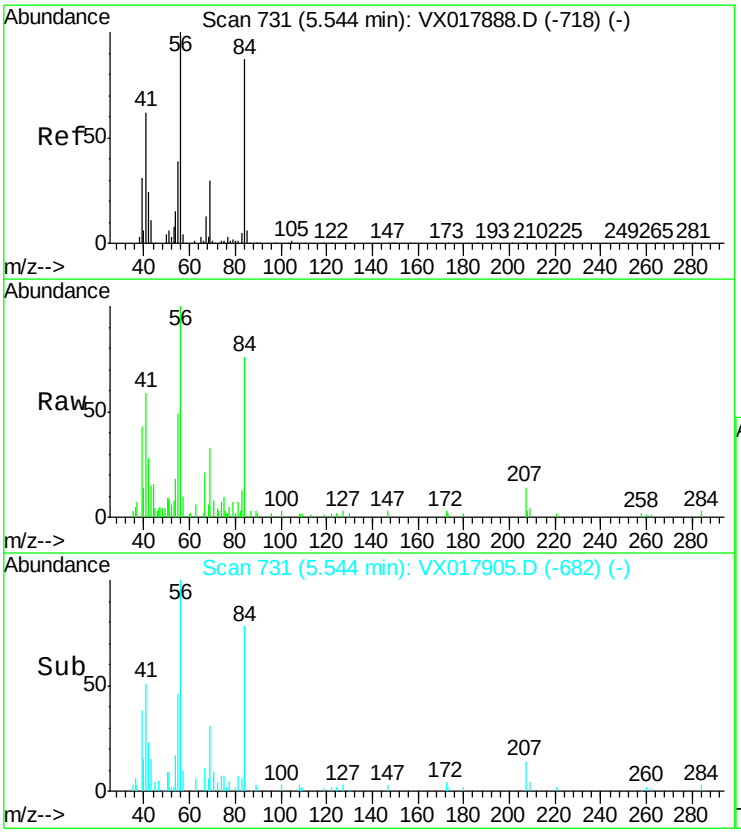
#27
1,2-Dichloroethane
Concen: 1.769 ug/L
RT: 6.12 min Scan# 825
Delta R.T. -0.05 min
Lab File: VX017905.D
Acq: 14 Aug 2020 18:02

Instrument : MSVOA_X
ClientSampleId : BG0M9DL

Tgt Ion: 62 Resp: 55424

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.7	10.1#

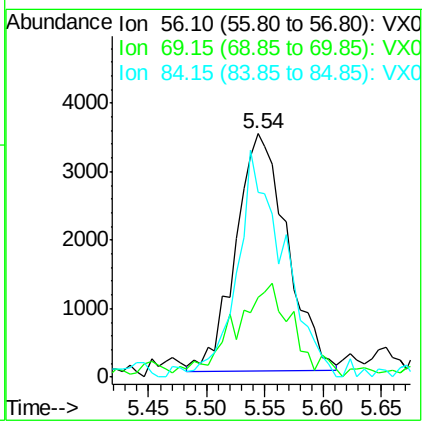


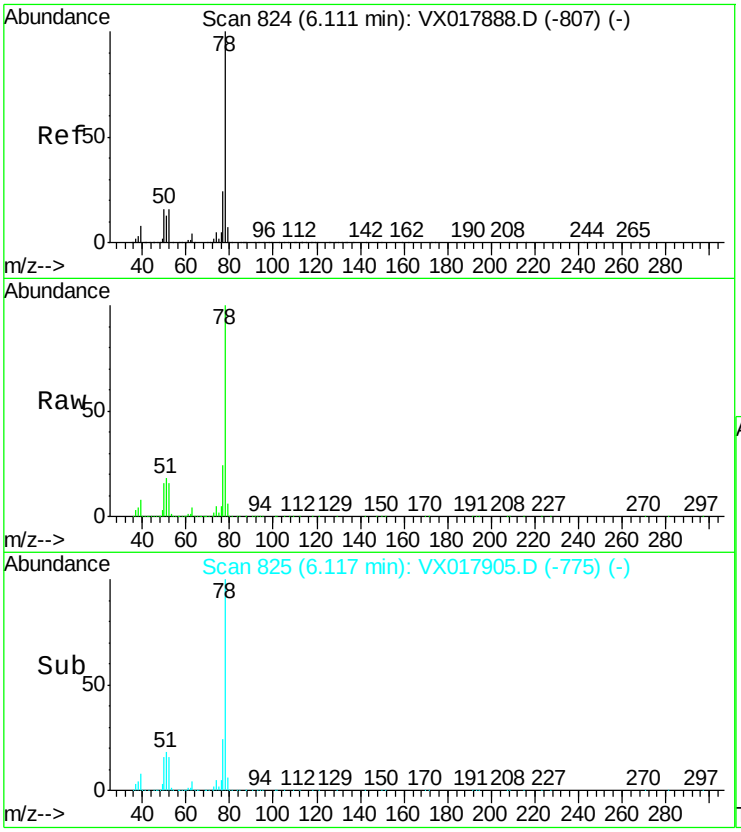


#30
Cyclohexane
Concen: 0.269 ug/L
RT: 5.54 min Scan# 731
Delta R.T. 0.00 min
Lab File: VX017905.D
Acq: 14 Aug 2020 18:02

Tgt Ion: 56 Resp: 10625

Ion	Ratio	Lower	Upper
56	100		
69	42.9	25.1	37.7#
84	85.6	70.7	106.1

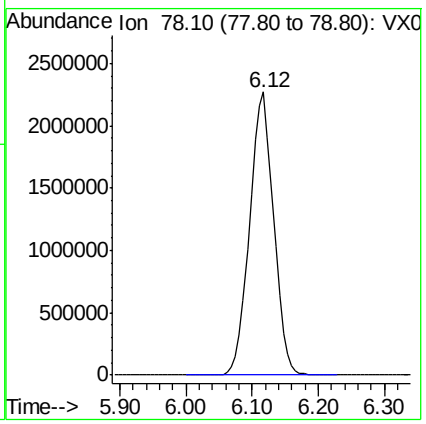


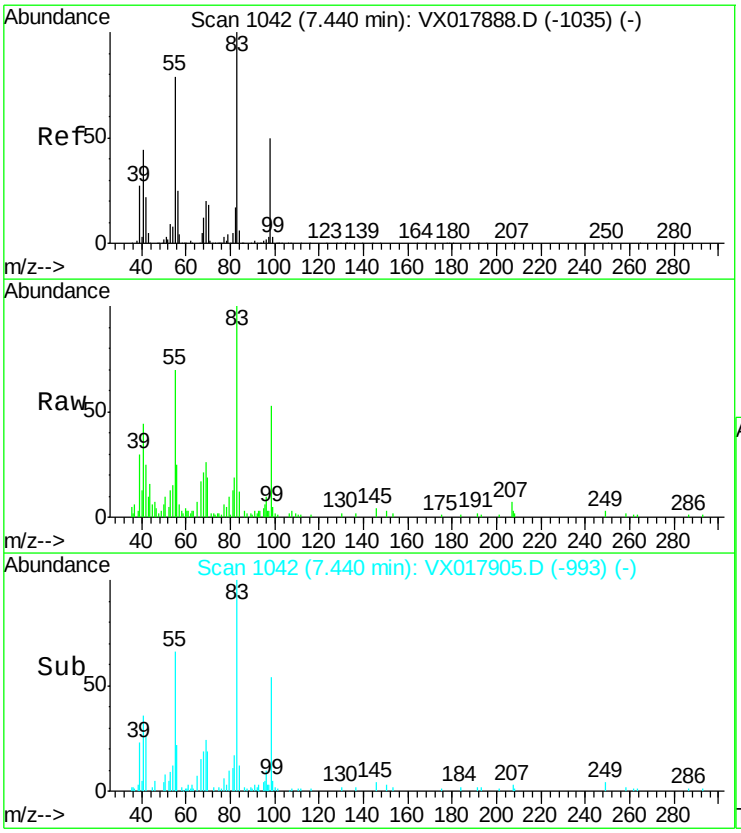


#33
Benzene
Concen: 58.611 ug/L
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017905.D
Acq: 14 Aug 2020 18:02

Instrument :
MSVOA_X
ClientSampleId :
BG0M9DL

Tgt Ion: 78 Resp: 5762415

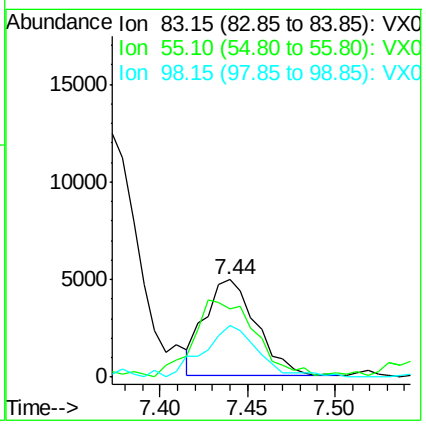


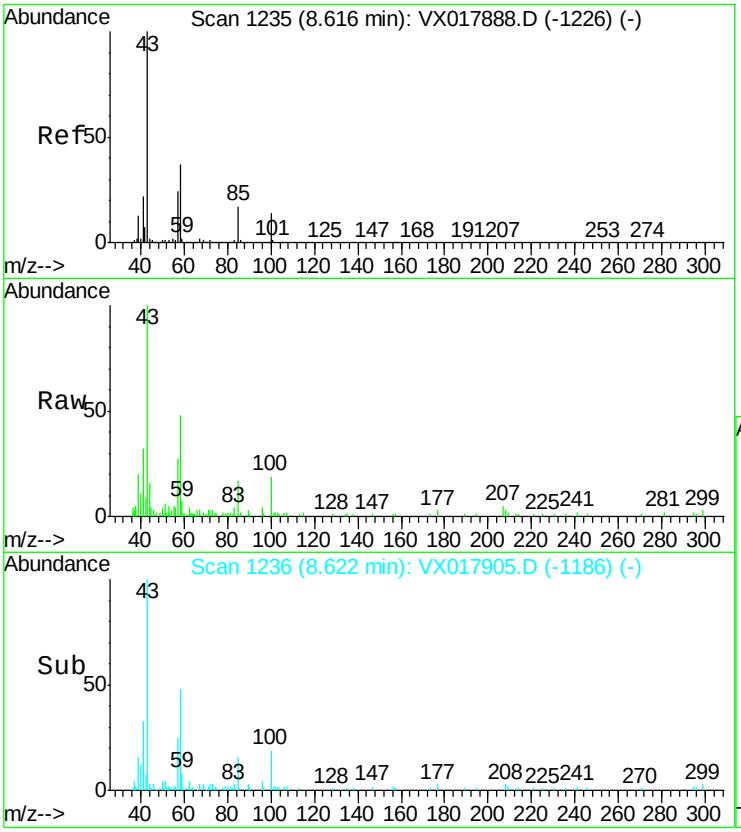


#35
Methylcyclohexane
Concen: 0.246 ug/L
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017905.D
Acq: 14 Aug 2020 18:02

Tgt Ion: 83 Resp: 9930

Ion	Ratio	Lower	Upper
83	100		
55	98.8	62.4	93.6#
98	59.7	38.0	57.0#



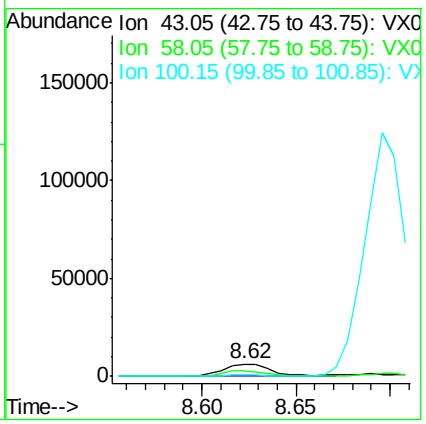


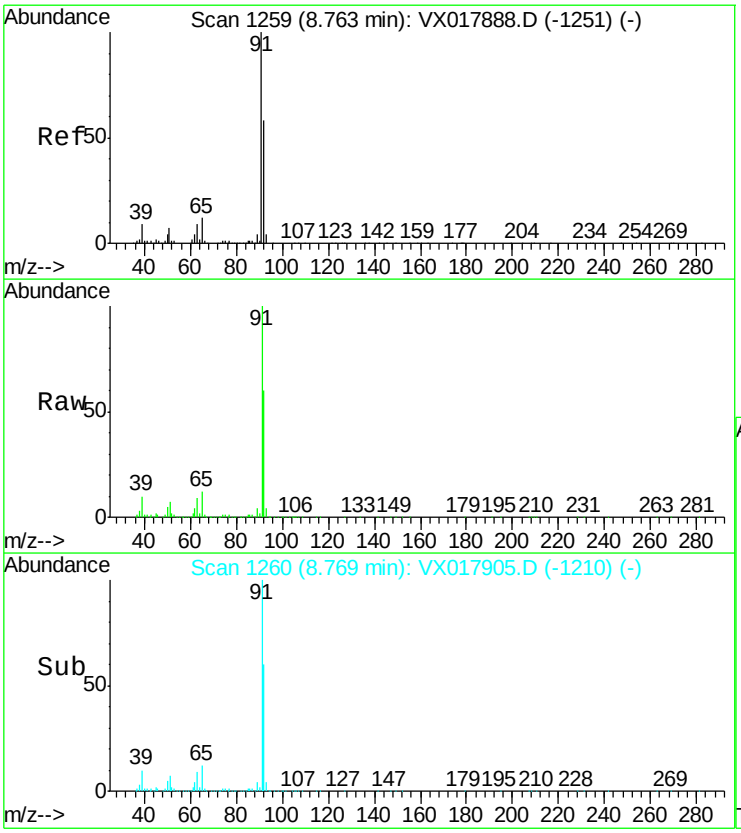
#40
4-Methyl-2-pentanone
Concen: 0.631 ug/L
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX017905.D
Acq: 14 Aug 2020 18:02

Instrument :
MSVOA_X
ClientSampleId :
BG0M9DL

Tgt Ion: 43 Resp: 10163

Ion	Ratio	Lower	Upper
43	100		
58	46.0	31.1	46.7
100	0.0	12.2	18.4#

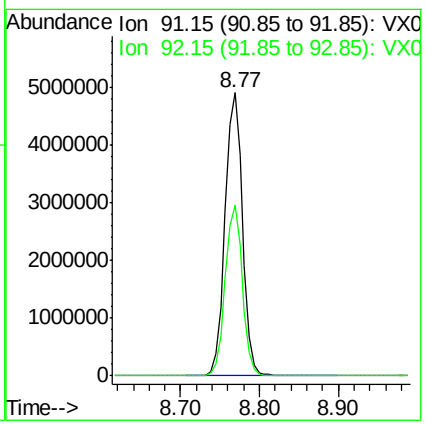


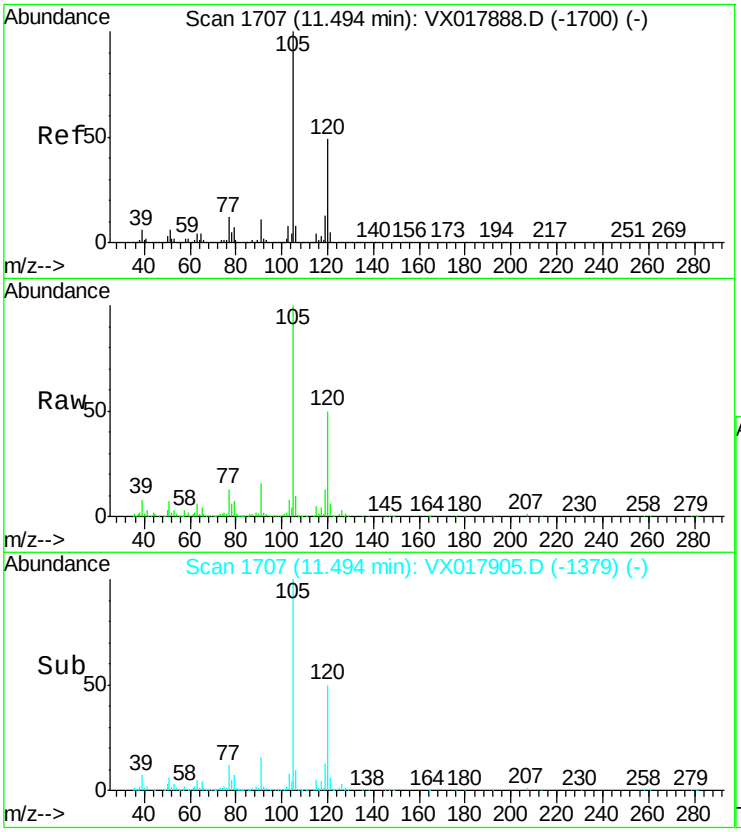


#42
Toluene
Concen: 70.434 ug/L
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX017905.D
Acq: 14 Aug 2020 18:02

Tgt Ion: 91 Resp: 7517239

Ion	Ratio	Lower	Upper
91	100		
92	60.2	38.8	72.0



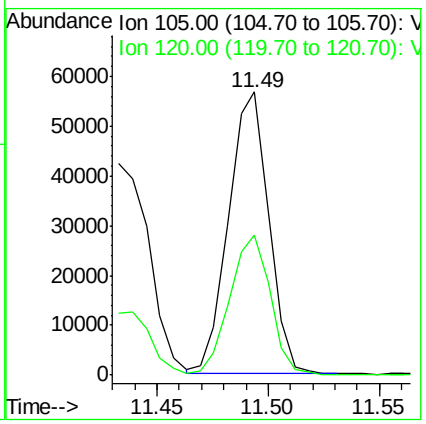


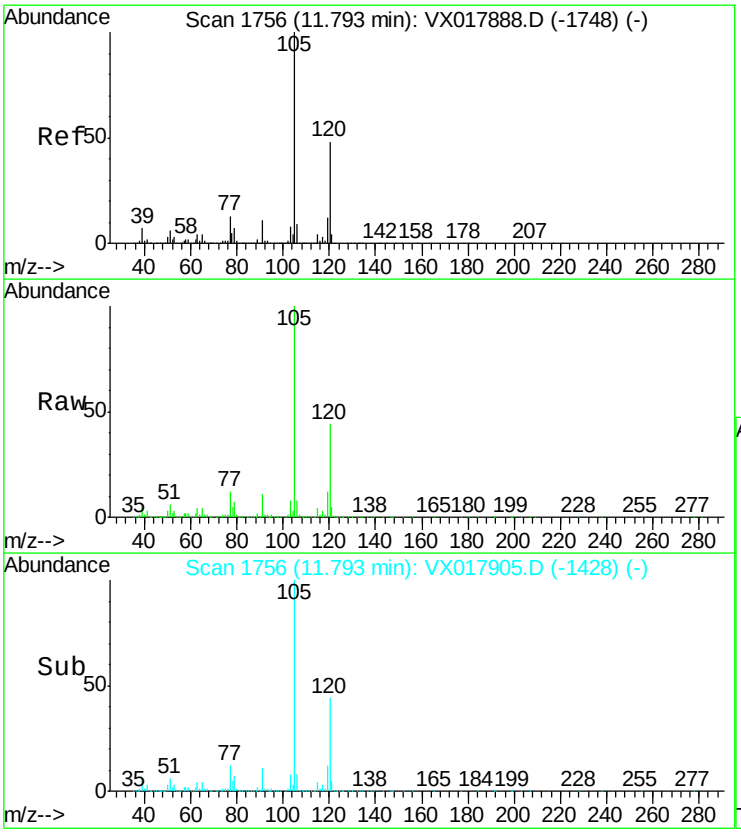
#43
1,3,5-Trimethylbenzene
Concen: 0.730 ug/L
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX017905.D
Acq: 14 Aug 2020 18:02

Instrument :
MSVOA_X
ClientSampleId :
BG0M9DL

Tgt Ion:105 Resp: 71083

Ion	Ratio	Lower	Upper
105	100		
120	50.4	38.1	57.1

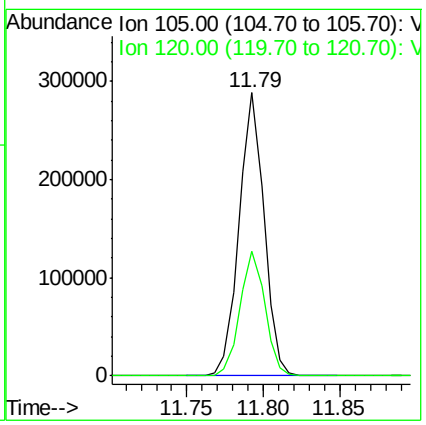


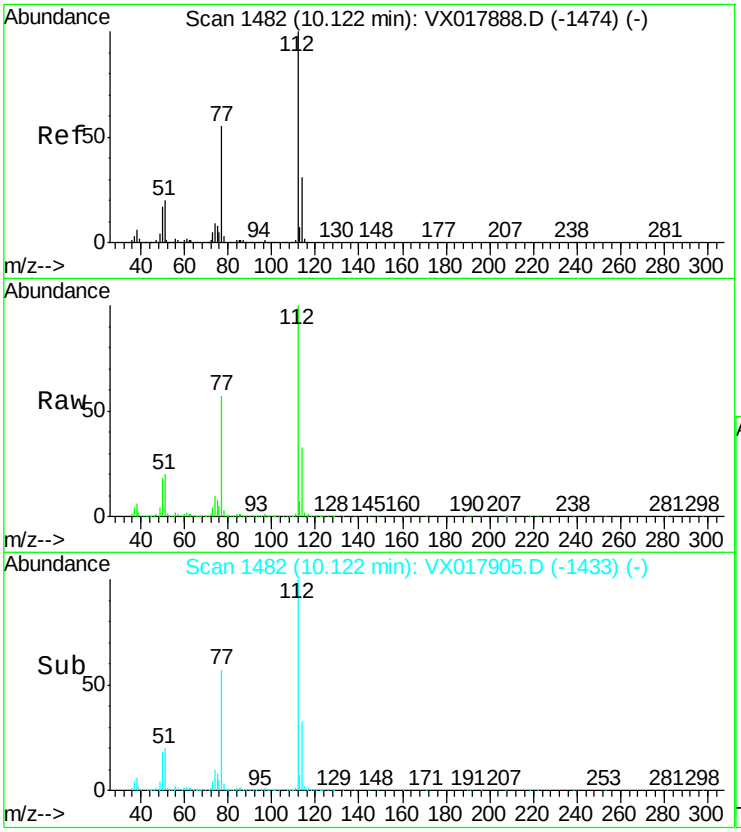


#44
1,2,4-Trimethylbenzene
Concen: 3.282 ug/L
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX017905.D
Acq: 14 Aug 2020 18:02

Tgt Ion:105 Resp: 325571

Ion	Ratio	Lower	Upper
105	100		
120	43.9	35.8	53.8



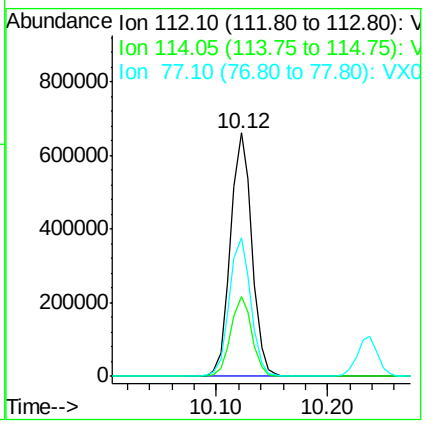


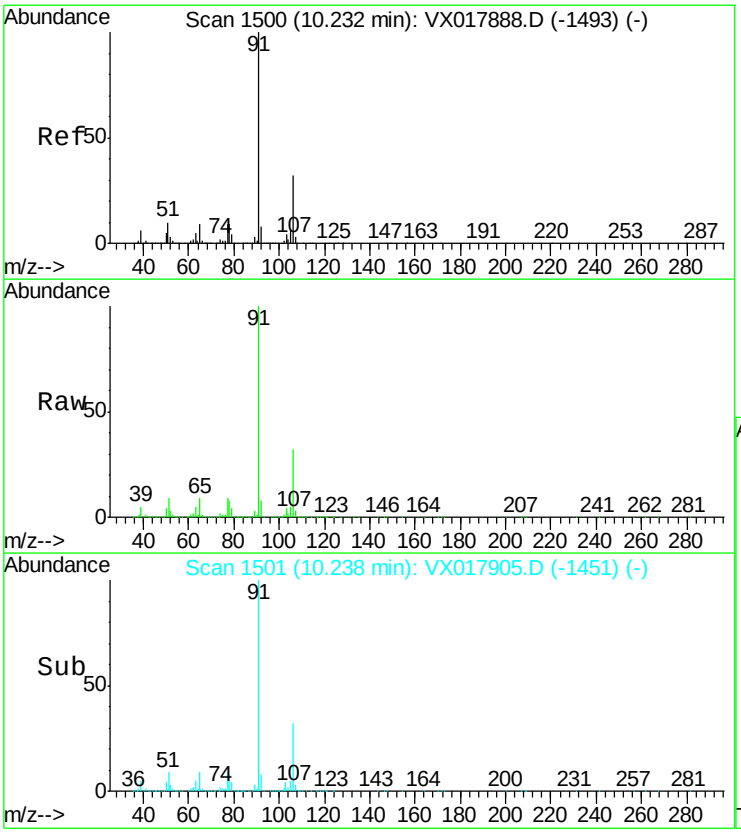
#53
Chlorobenzene
Concen: 12.685 ug/L
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017905.D
Acq: 14 Aug 2020 18:02

Instrument : MSVOA_X
ClientSampleId : BG0M9DL

Tgt Ion:112 Resp: 881188

Ion	Ratio	Lower	Upper
112	100		
114	32.9	23.5	43.7
77	57.1	46.7	70.1

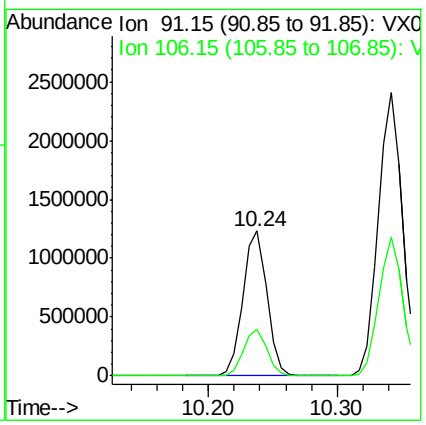


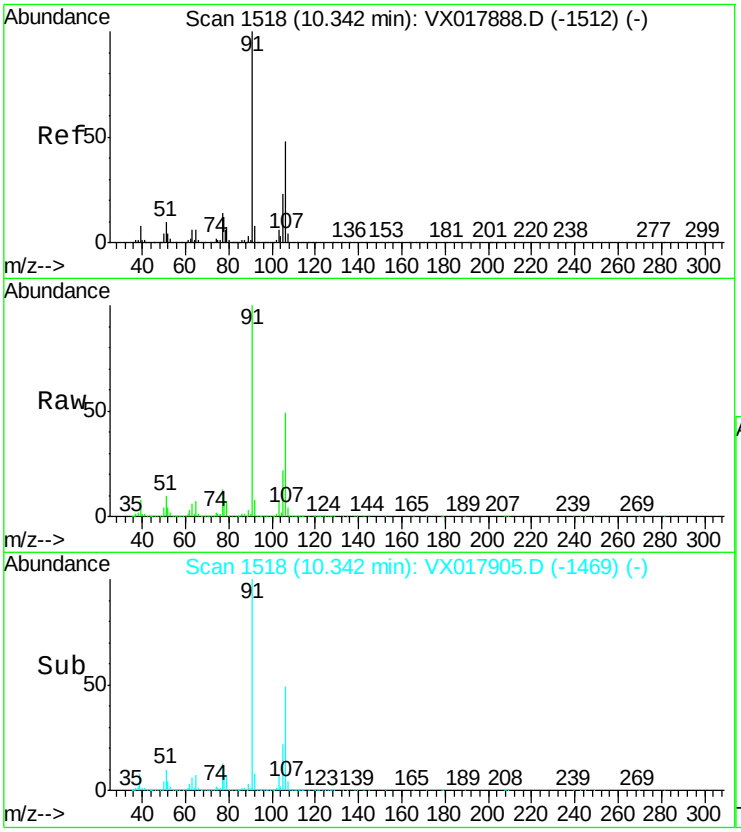


#54
Ethylbenzene
Concen: 13.493 ug/L
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX017905.D
Acq: 14 Aug 2020 18:02

Tgt Ion: 91 Resp: 1571611

Ion	Ratio	Lower	Upper
91	100		
106	31.7	22.5	41.9



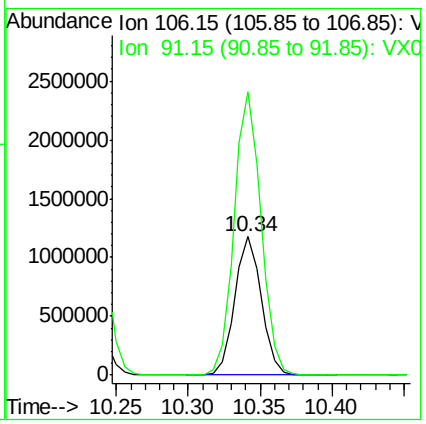


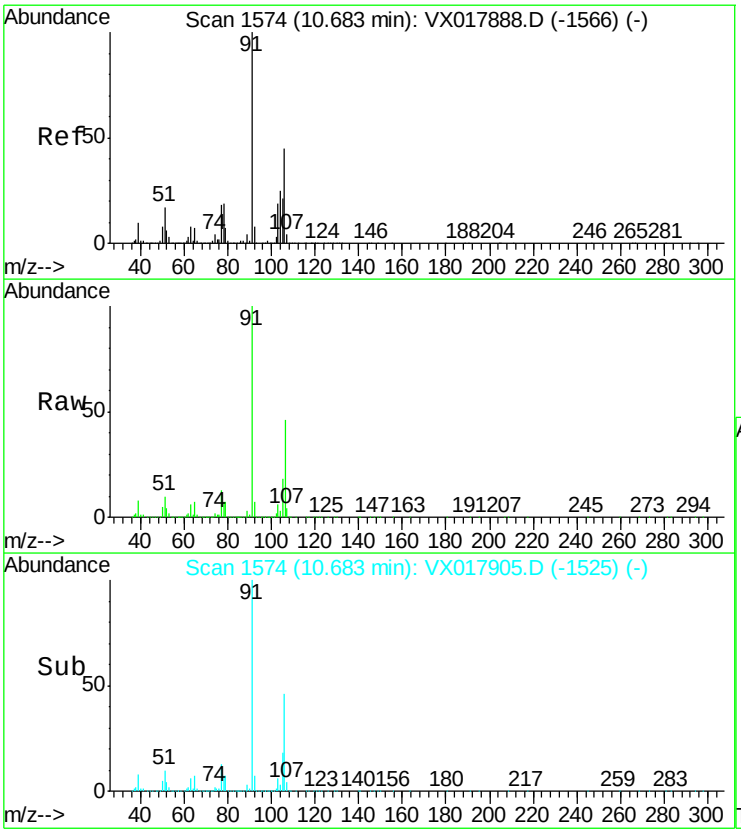
#55
m,p-xylene
Concen: 34.150 ug/L
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017905.D
Acq: 14 Aug 2020 18:02

Instrument :
MSVOA_X
ClientSampleId :
BG0M9DL

Tgt Ion:106 Resp: 1518739

Ion	Ratio	Lower	Upper
106	100		
91	204.8	143.3	266.1

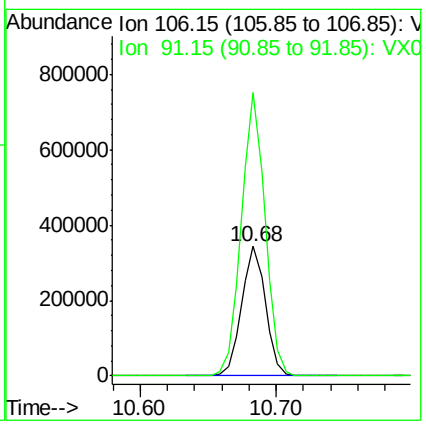


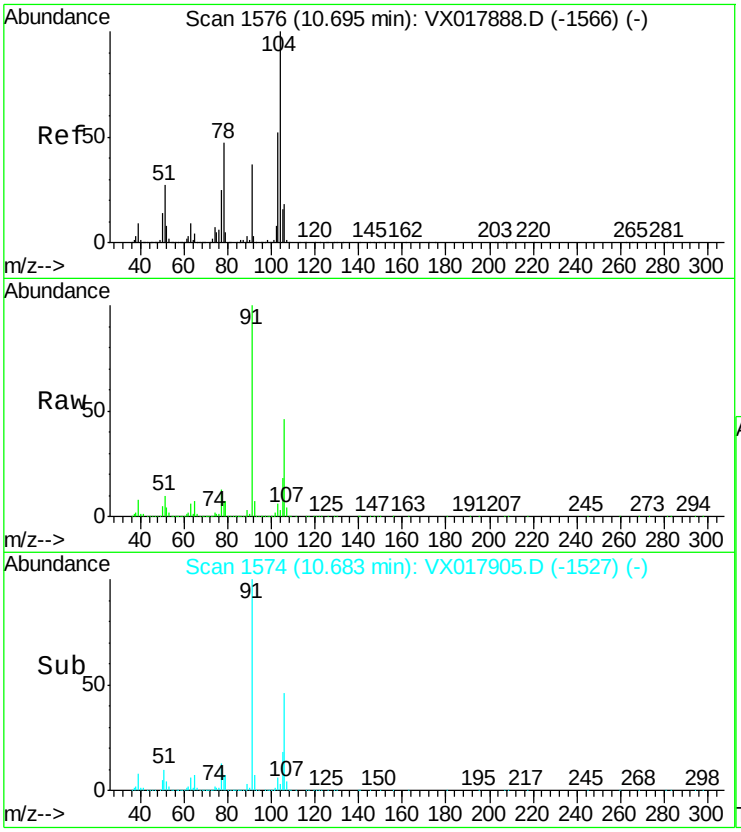


#56
o-xylene
Concen: 9.779 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017905.D
Acq: 14 Aug 2020 18:02

Tgt Ion:106 Resp: 421674

Ion	Ratio	Lower	Upper
106	100		
91	218.5	149.8	278.2



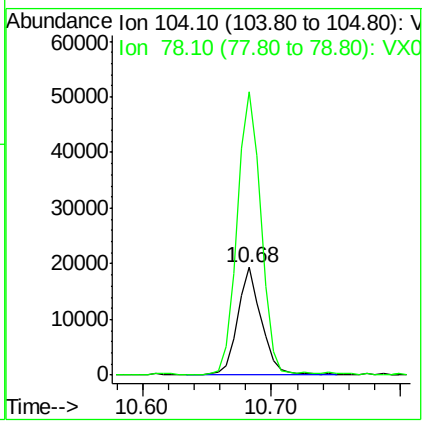


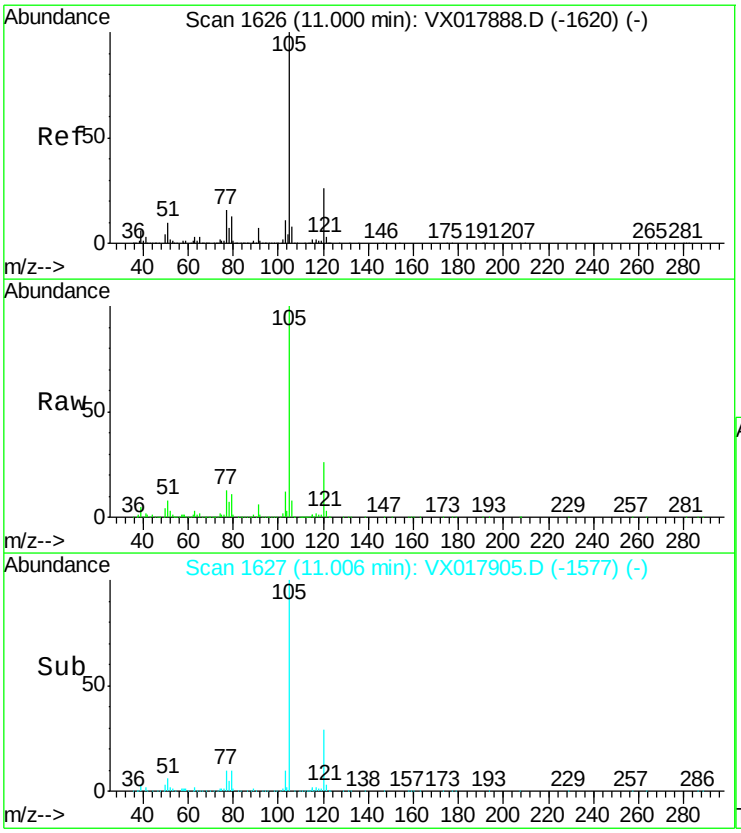
#57
Styrene
Concen: 0.344 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. -0.01 min
Lab File: VX017905.D
Acq: 14 Aug 2020 18:02

Instrument : MSVOA_X
ClientSampleId : BG0M9DL

Tgt Ion:104 Resp: 25060

Ion	Ratio	Lower	Upper
104	100		
78	262.3	33.7	62.5#

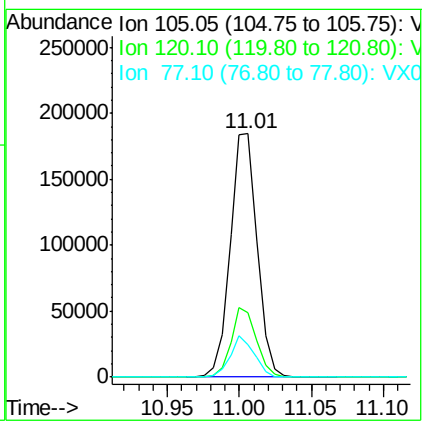


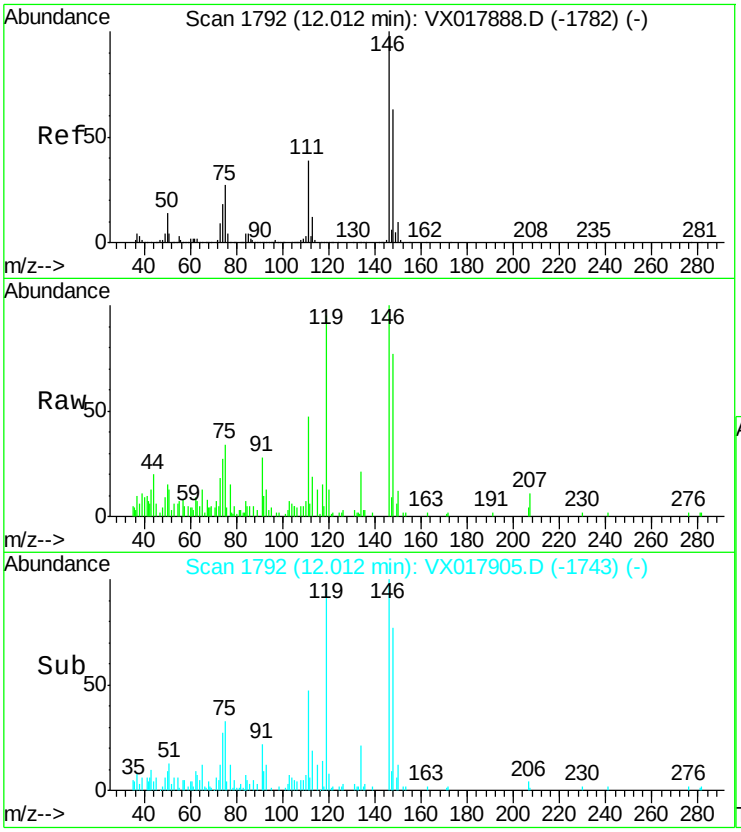


#58
Isopropylbenzene
Concen: 2.100 ug/L
RT: 11.01 min Scan# 1627
Delta R.T. 0.01 min
Lab File: VX017905.D
Acq: 14 Aug 2020 18:02

Tgt Ion:105 Resp: 242350

Ion	Ratio	Lower	Upper
105	100		
120	26.8	21.8	32.6
77	15.4	12.8	19.2



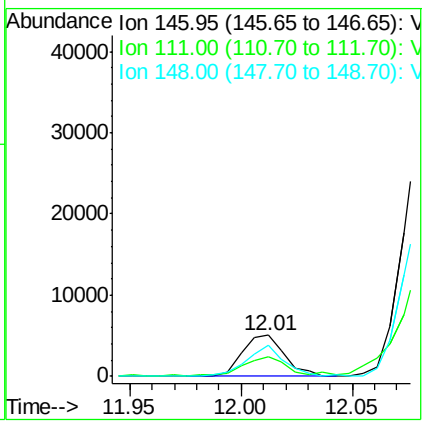


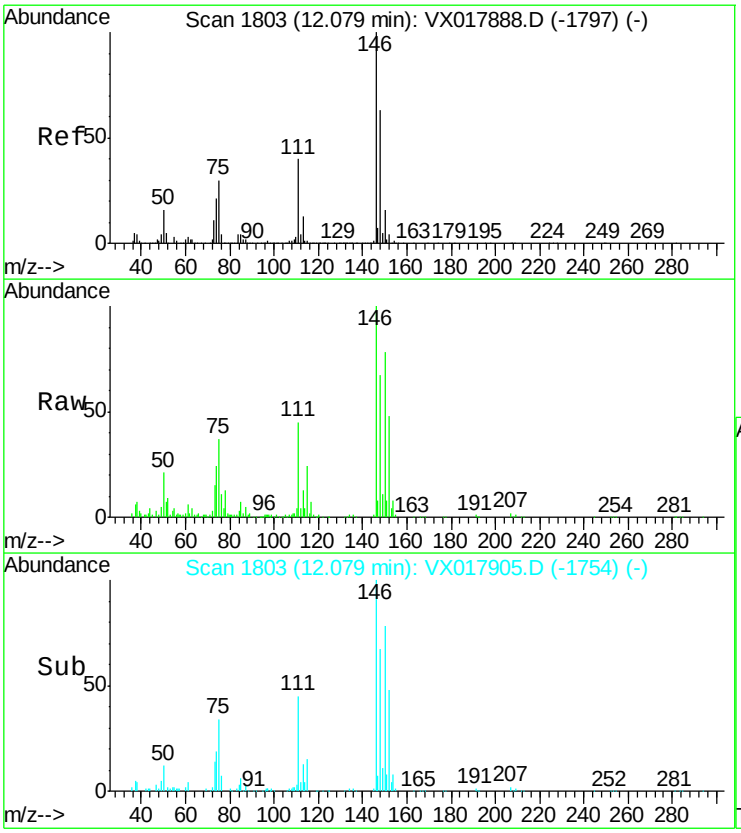
#63
1,3-Dichlorobenzene
Concen: 0.123 ug/L
RT: 12.01 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX017905.D
Acq: 14 Aug 2020 18:02

Instrument :
MSVOA_X
ClientSampleId :
BG0M9DL

Tgt Ion:146 Resp: 6683

Ion	Ratio	Lower	Upper
146	100		
111	46.7	27.6	51.4
148	77.2	43.9	81.5

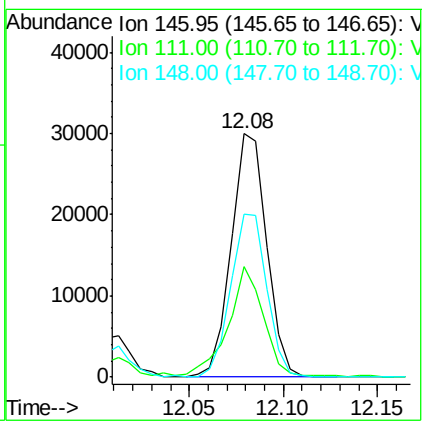


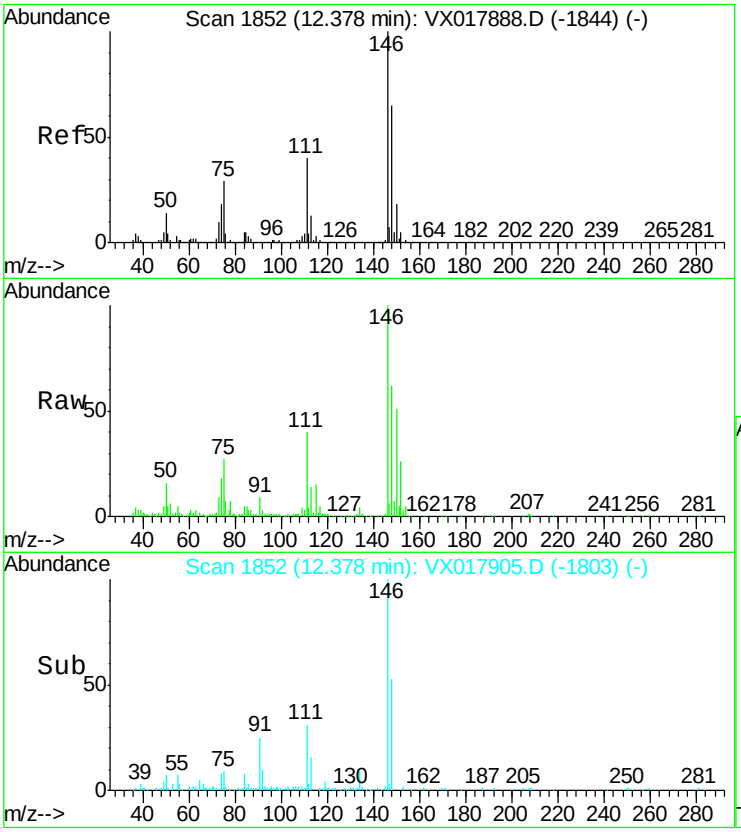


#64
1,4-Dichlorobenzene
Concen: 0.723 ug/L
RT: 12.08 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VX017905.D
Acq: 14 Aug 2020 18:02

Tgt Ion:146 Resp: 39176

Ion	Ratio	Lower	Upper
146	100		
111	45.3	26.0	48.2
148	66.9	43.2	80.2



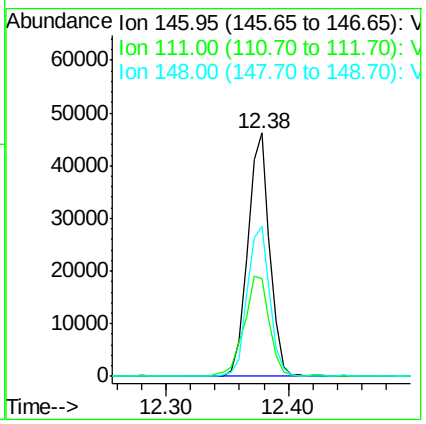


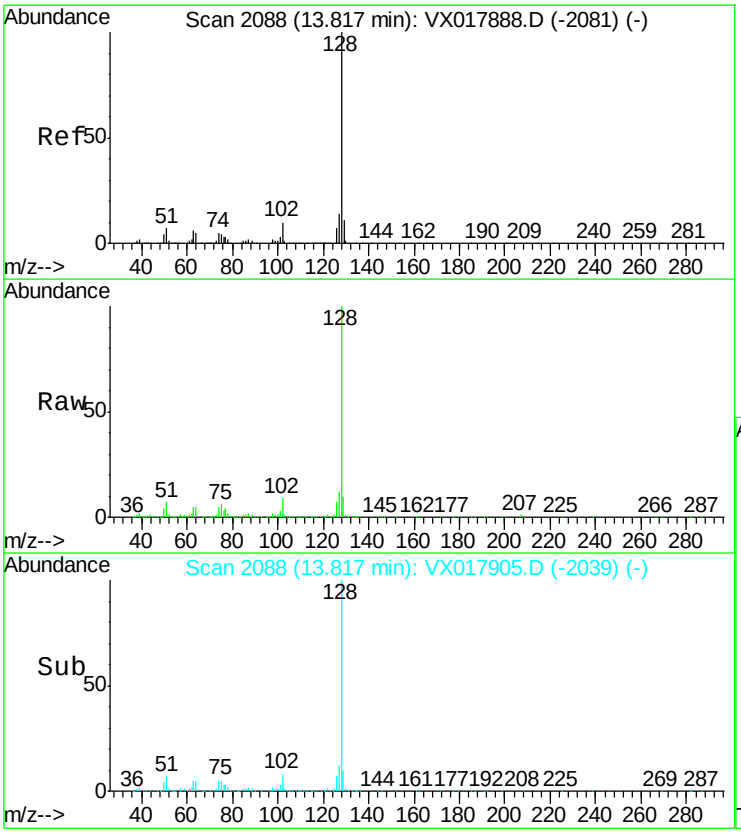
#66
1,2-Dichlorobenzene
Concen: 1.141 ug/L
RT: 12.38 min Scan# 1852
Delta R.T. 0.00 min
Lab File: VX017905.D
Acq: 14 Aug 2020 18:02

Instrument :
MSVOA_X
ClientSampleId :
BG0M9DL

Tgt Ion:146 Resp: 57701

Ion	Ratio	Lower	Upper
146	100		
111	40.1	32.2	48.4
148	61.9	52.3	78.5





#70
Naphthalene
Concen: 2.072 ug/L
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017905.D
Acq: 14 Aug 2020 18:02

Tgt Ion:128 Resp: 135506

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.4	12.6
127	13.3	11.0	16.4