Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081420\
Data File : VX017900.D
Acq On : 14 Aug 2020 15:18
Operator : JC/SP
Sample : L3697-05
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0N2

Quant Time: Aug 17 01:31:11 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	312201	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	285034	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	145522	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	95209	4.41	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.20%			
7) Chloroethane-d5	1.69	69	78135	4.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.20%			
11) 1,1-Dichloroethene-d2	2.34	63	131240	2.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 59.00%#			
20) 2-Butanone-d5	4.53	46	300123	52.38	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.76%			
24) Chloroform-d	5.14	84	200318	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.40%			
26) 1,2-Dichloroethane-d4	6.04	65	115740	4.81	ug/L	0.01
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.20%			
32) Benzene-d6	6.05	84	366390	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
36) 1,2-Dichloropropane-d6	7.37	67	116922	4.83	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.60%			
41) Toluene-d8	8.70	98	324987	4.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.20%			
45) trans-1,3-Dichloropropene-	8.99	79	52159	4.98	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.60%			
48) 2-Hexanone-d5	9.43	63	247407	56.83	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.66%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	93180	5.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.40%			
65) 1,2-Dichlorobenzene-d4	12.36	152	144474	5.16	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.20%			
Target Compounds						Qvalue
3) Chloromethane	1.31	50	4820	0.163	ug/L #	79
5) Vinyl chloride	1.39	62	42936	1.460	ug/L	92
8) Chloroethane	1.72	64	168178	10.225	ug/L	99
13) Acetone	2.42	43	93790	22.406	ug/L	100
14) Carbon disulfide	2.55	76	7549	0.088	ug/L #	95
15) Methyl Acetate	2.75	43	1558	0.126	ug/L #	87
17) Methyl tert-butyl Ether	3.17	73	21528	0.336	ug/L #	1
18) trans-1,2-Dichloroethene	3.14	96	3996	0.147	ug/L	90
19) 1,1-Dichloroethane	3.67	63	40044	0.827	ug/L	97
21) 2-Butanone	4.64	43	35468	4.906	ug/L	96
22) cis-1,2-Dichloroethene	4.57	96	309917	10.877	ug/L #	99
25) Chloroform	5.18	83	15652	0.300	ug/L	97
27) 1,2-Dichloroethane	6.12	62	182076	5.441	ug/L #	77
30) Cyclohexane	5.56	56	23312	0.575	ug/L	97
33) Benzene	6.12	78	18696789	185.285	ug/L	100
35) Methylcyclohexane	7.43	83	17085	0.413	ug/L	94
40) 4-Methyl-2-pentanone	8.63	43	47681	2.886	ug/L	98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081420\
Data File : VX017900.D
Acq On : 14 Aug 2020 15:18
Operator : JC/SP
Sample : L3697-05
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0N2

Quant Time: Aug 17 01:31:11 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)
42) Toluene	8.76	91	18321799	167.260	ug/L	#	73
43) 1,3,5-Trimethylbenzene	11.49	105	242355	2.424	ug/L		99
44) 1,2,4-Trimethylbenzene	11.79	105	1008810	9.908	ug/L		99
46) trans-1,3-Dichloropropene	8.77	75	202959	5.824	ug/L	#	1
53) Chlorobenzene	10.12	112	3216979	45.119	ug/L		98
54) Ethylbenzene	10.24	91	4580239	38.314	ug/L		100
55) m,p-xylene	10.34	106	4514247	98.899	ug/L		96
56) o-xylene	10.68	106	1451986	32.809	ug/L		98
57) Styrene	10.68	104	76607	1.024	ug/L	#	1
58) Isopropylbenzene	11.01	105	792472	6.690	ug/L		100
63) 1,3-Dichlorobenzene	12.01	146	29995	0.529	ug/L		92
64) 1,4-Dichlorobenzene	12.09	146	185865	3.297	ug/L		97
66) 1,2-Dichlorobenzene	12.38	146	215501	4.094	ug/L		96
69) 1,2,4-trichlorobenzene	13.63	180	3527	0.095	ug/L	#	83
70) Naphthalene	13.82	128	635597	9.338	ug/L		98

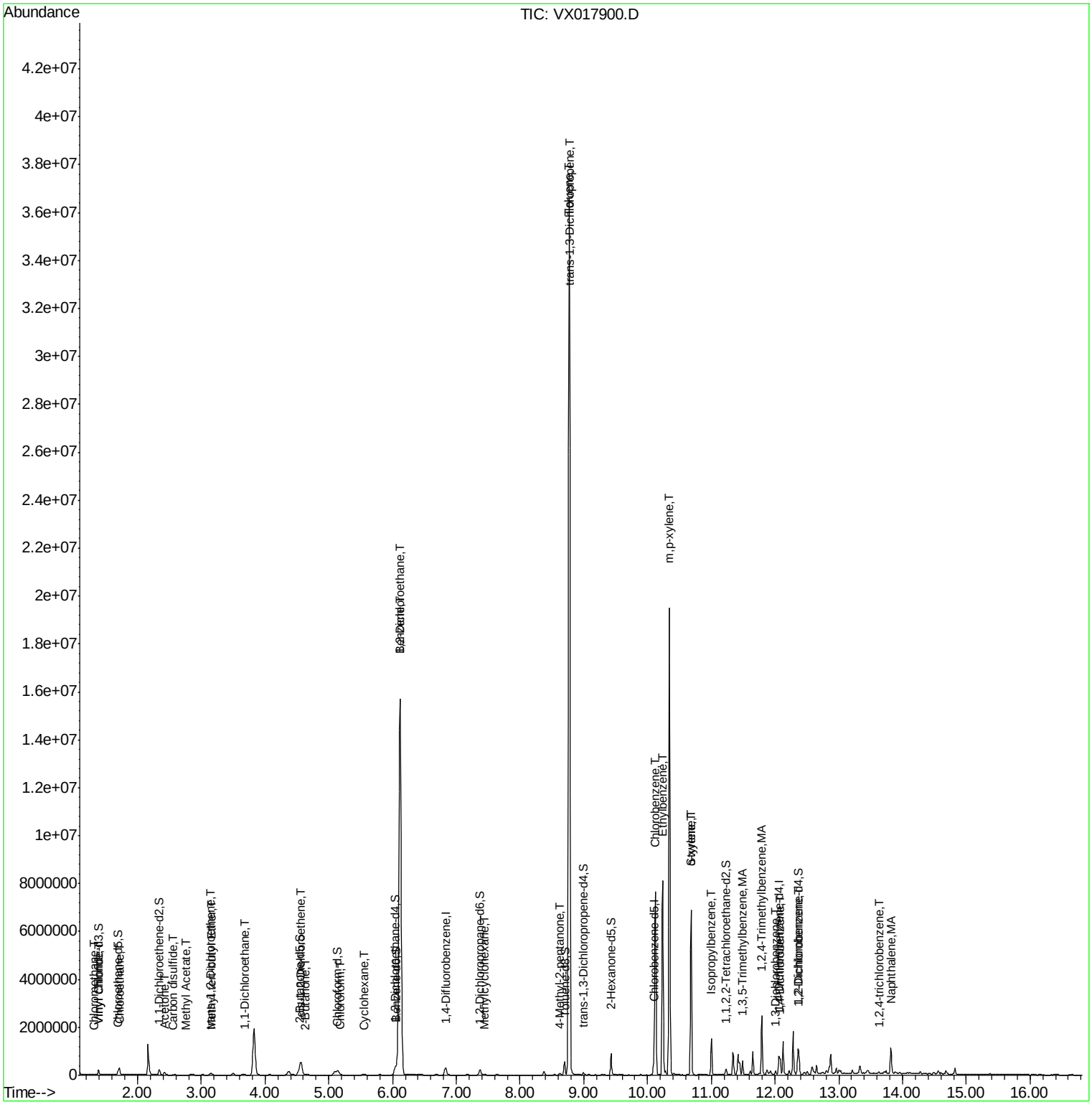
(#) = qualifier out of range (m) = manual integration (+) = signals summed

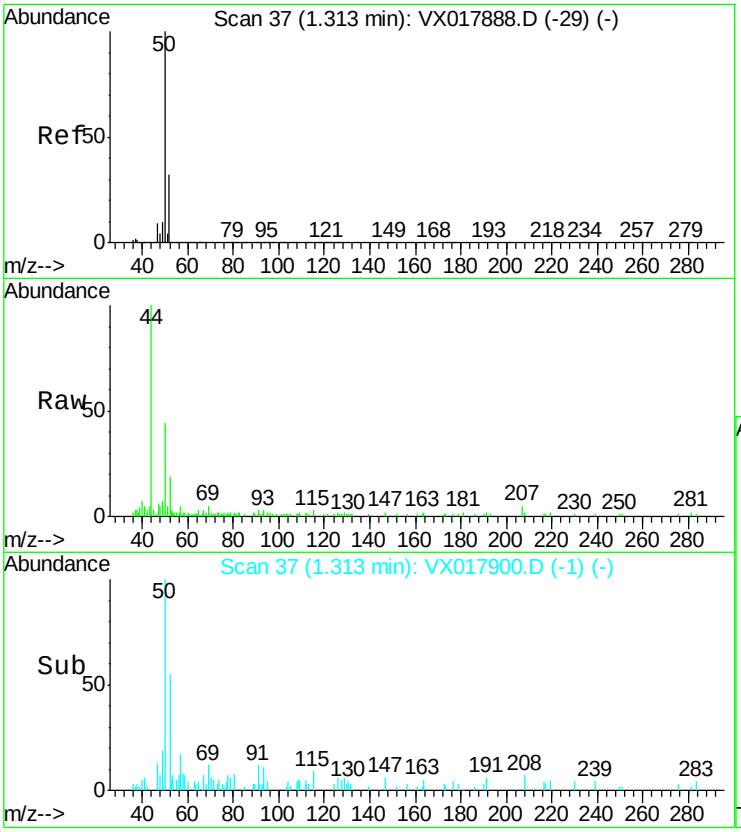
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081420\
Data File : VX017900.D
Acq On : 14 Aug 2020 15:18
Operator : JC/SP
Sample : L3697-05
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG0N2

Quant Time: Aug 17 01:31:11 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



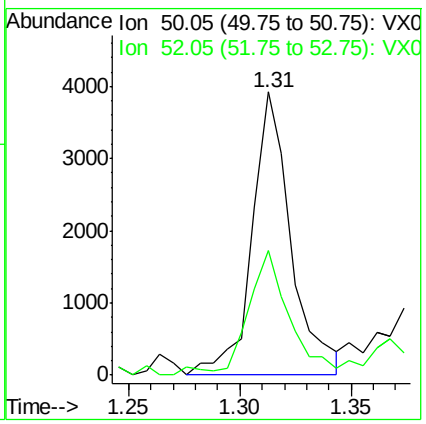


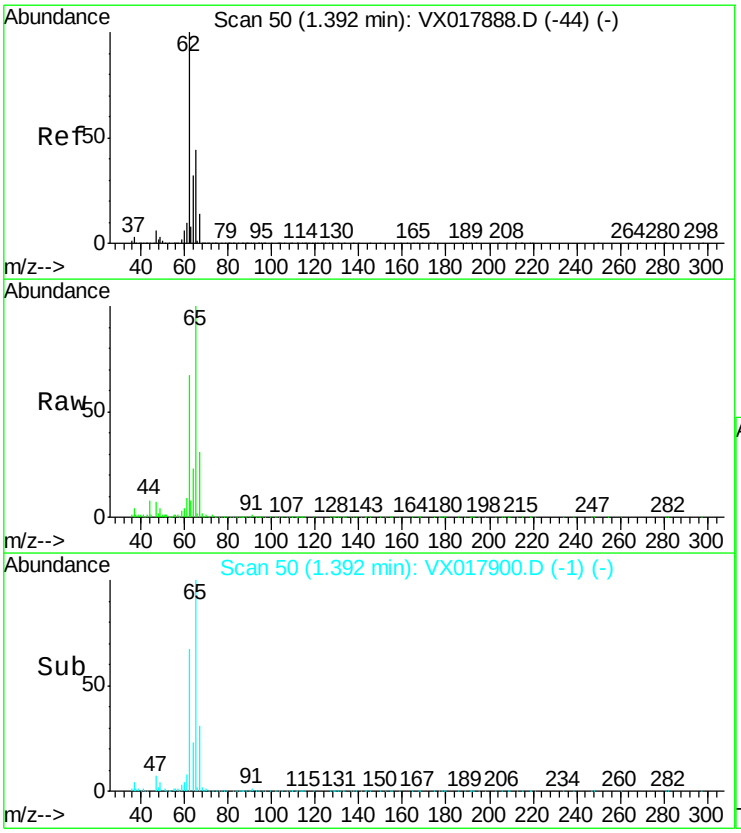
#3
Chloromethane
Concen: 0.163 ug/L
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017900.D
Acq: 14 Aug 2020 15:18

Instrument :
MSVOA_X
ClientSampleId :
BG0N2

Tgt Ion: 50 Resp: 4820

Ion	Ratio	Lower	Upper
50	100		
52	44.0	22.5	41.9#

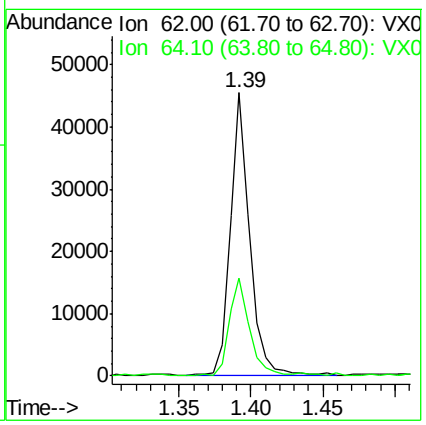


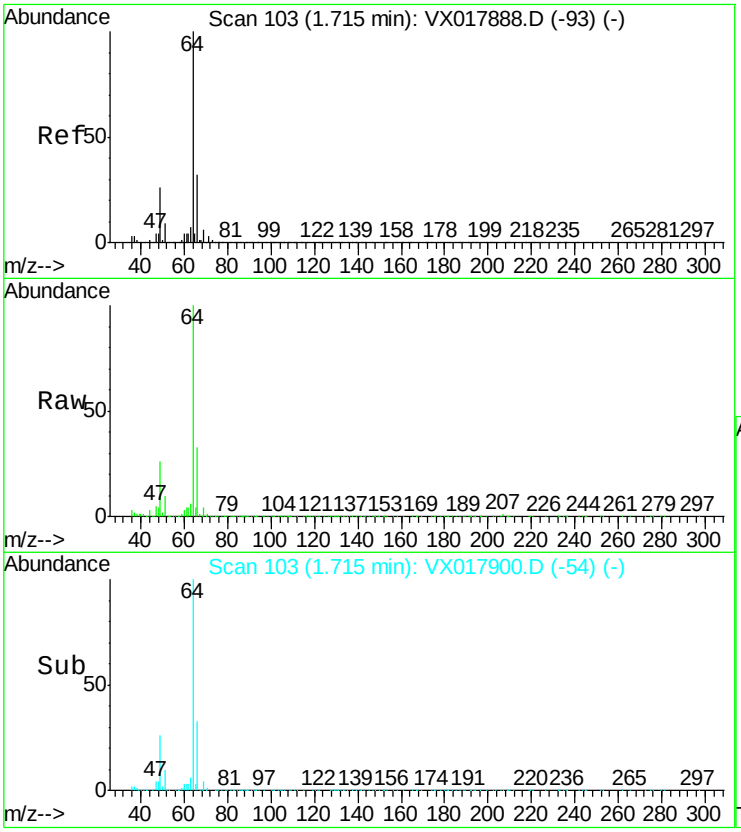


#5
Vinyl chloride
Concen: 1.460 ug/L
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017900.D
Acq: 14 Aug 2020 15:18

Tgt Ion: 62 Resp: 42936

Ion	Ratio	Lower	Upper
62	100		
64	34.7	21.3	39.6



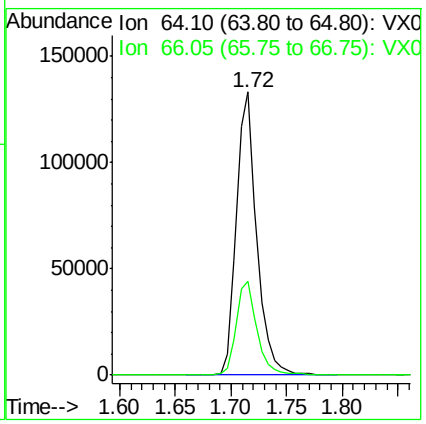


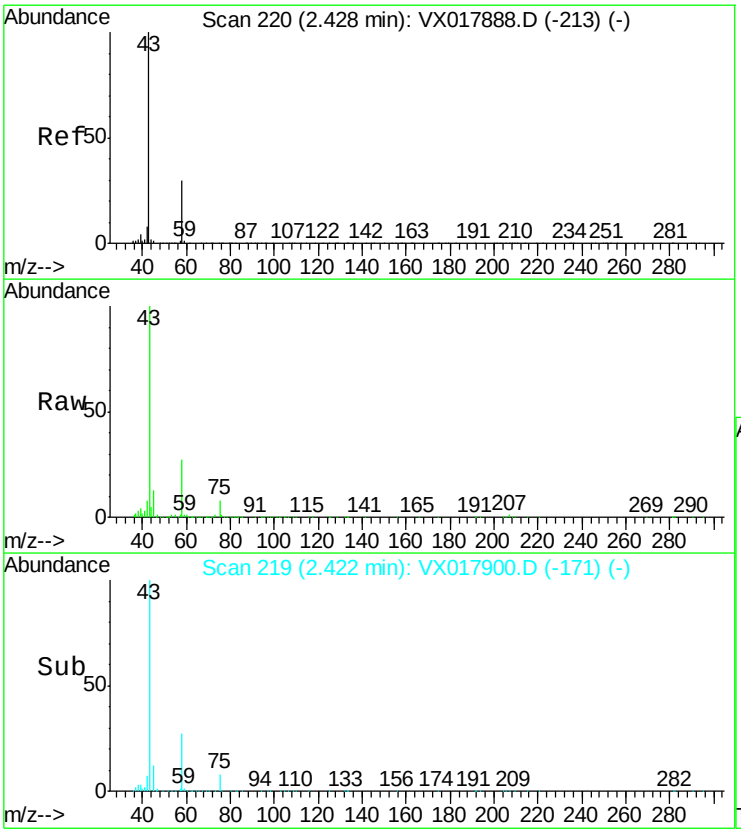
#8
Chloroethane
Concen: 10.225 ug/L
RT: 1.72 min Scan# 103
Delta R.T. 0.00 min
Lab File: VX017900.D
Acq: 14 Aug 2020 15:18

Instrument :
MSVOA_X
ClientSampleId :
BG0N2

Tgt Ion: 64 Resp: 168178

Ion	Ratio	Lower	Upper
64	100		
66	33.0	22.6	42.0

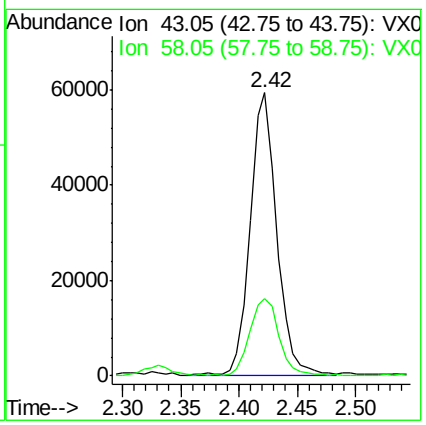


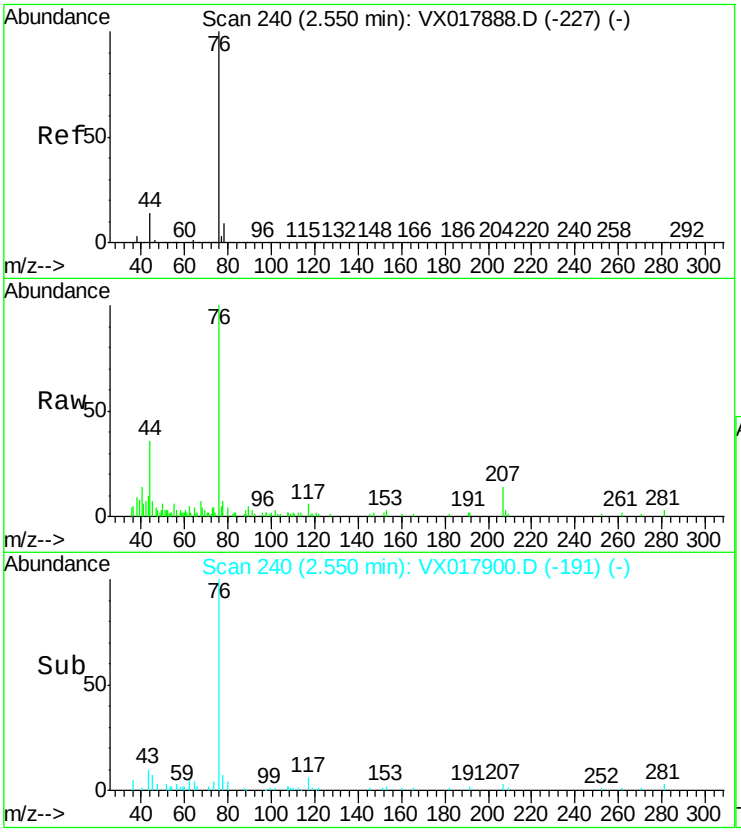


#13
Acetone
Concen: 22.406 ug/L
RT: 2.42 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX017900.D
Acq: 14 Aug 2020 15:18

Tgt Ion: 43 Resp: 93790

Ion	Ratio	Lower	Upper
43	100		
58	30.4	0.0	60.8



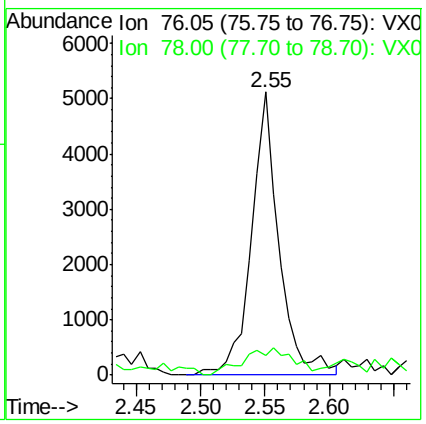


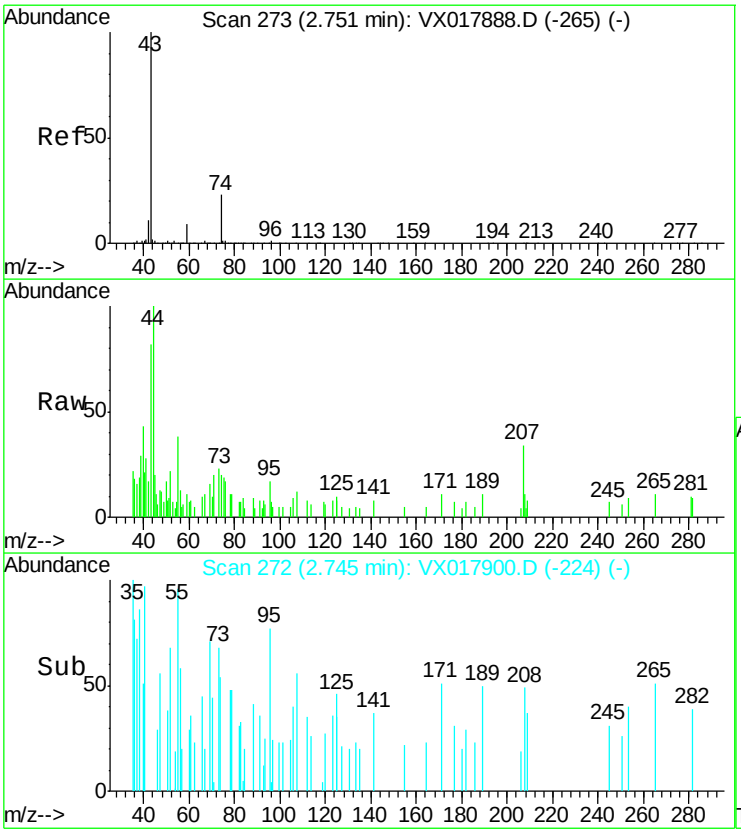
#14
Carbon disulfide
Concen: 0.088 ug/L
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017900.D
Acq: 14 Aug 2020 15:18

Instrument :
MSVOA_X
ClientSampleId :
BG0N2

Tgt Ion: 76 Resp: 7549

Ion	Ratio	Lower	Upper
76	100		
78	7.0	7.0	10.4#

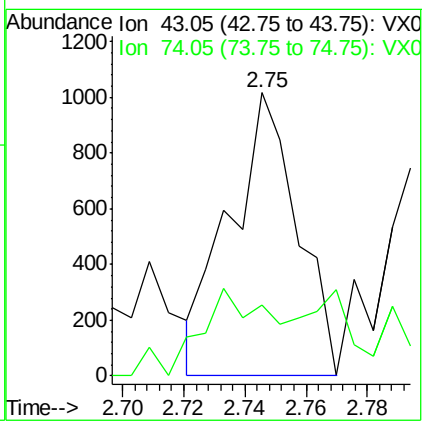


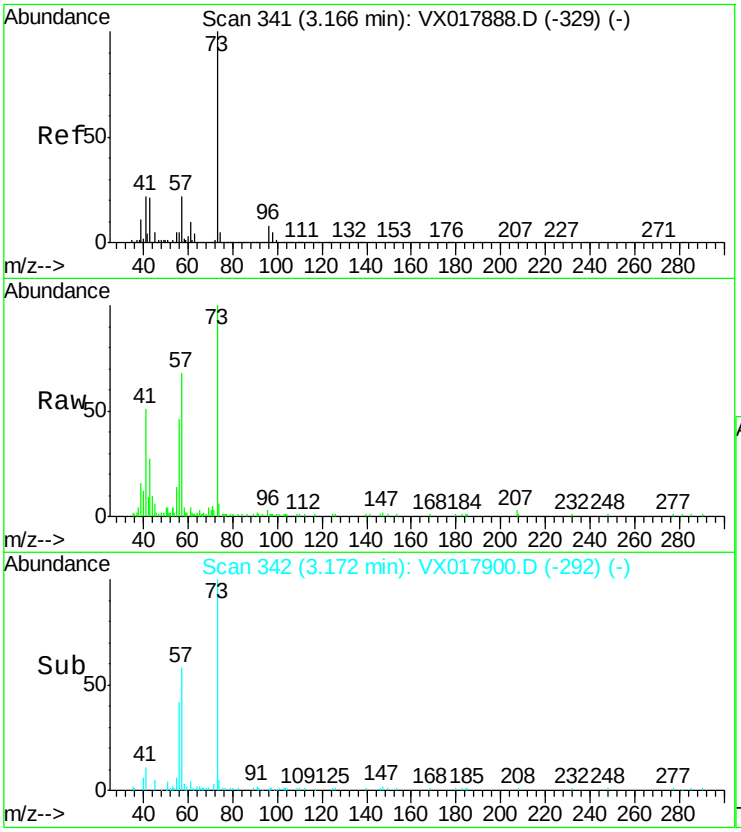


#15
Methyl Acetate
Concen: 0.126 ug/L
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX017900.D
Acq: 14 Aug 2020 15:18

Tgt Ion: 43 Resp: 1558

Ion	Ratio	Lower	Upper
43	100		
74	32.0	20.4	30.6#



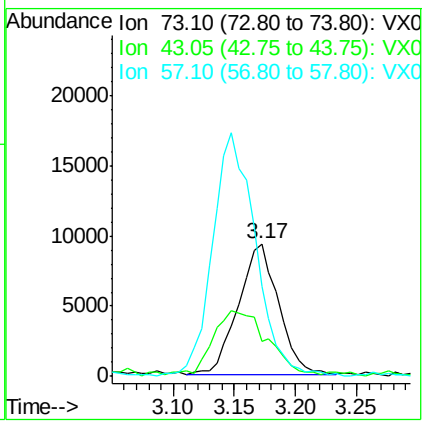


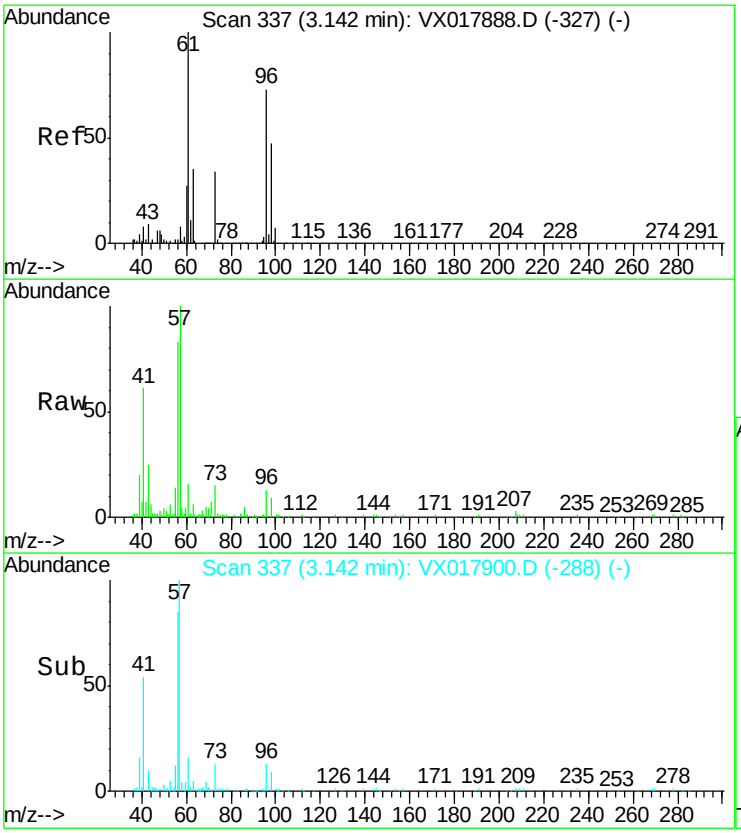
#17
Methyl tert-butyl Ether
Concen: 0.336 ug/L
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX017900.D
Acq: 14 Aug 2020 15:18

Instrument : MSVOA_X
ClientSampleId : BG0N2

Tgt Ion: 73 Resp: 21528

Ion	Ratio	Lower	Upper
73	100		
43	64.6	17.7	26.5#
57	197.1	17.0	25.6#

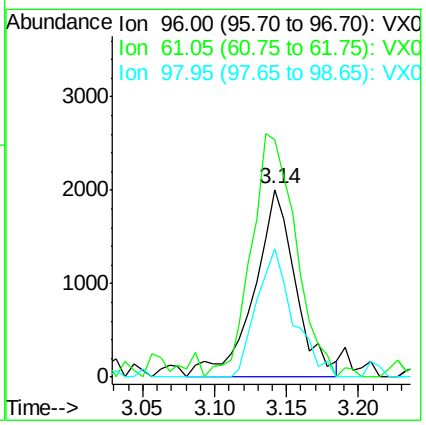


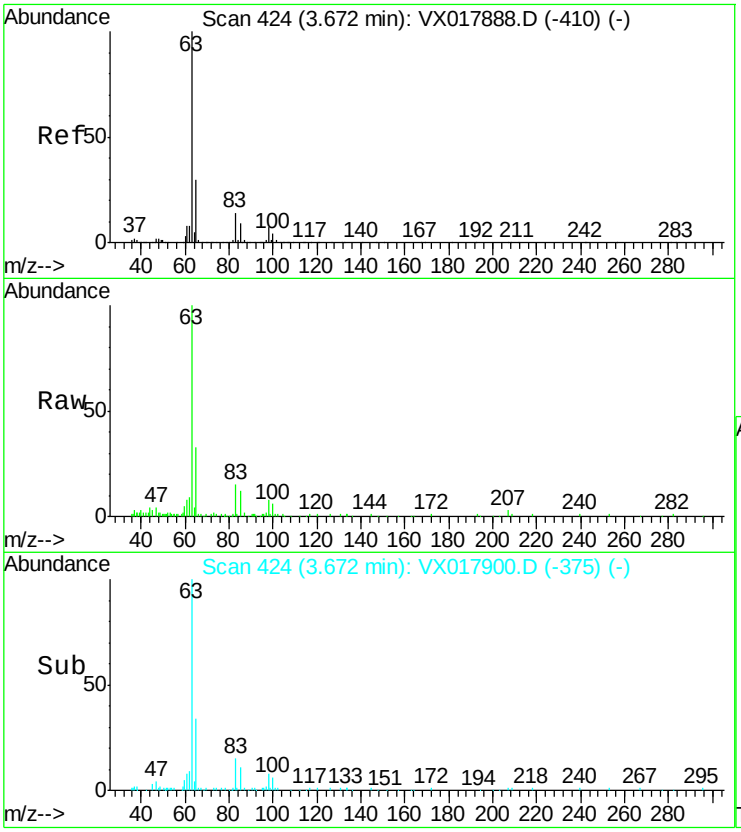


#18
trans-1,2-Dichloroethene
Concen: 0.147 ug/L
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX017900.D
Acq: 14 Aug 2020 15:18

Tgt Ion: 96 Resp: 3996

Ion	Ratio	Lower	Upper
96	100		
61	126.4	98.4	182.8
98	68.8	44.9	83.5



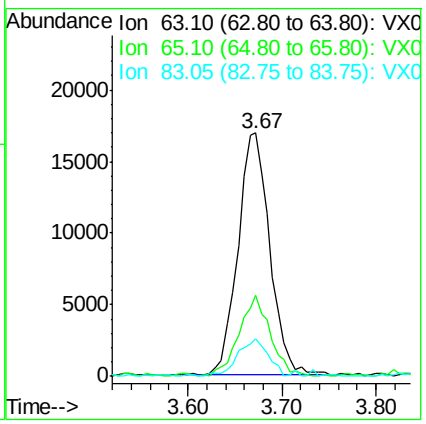


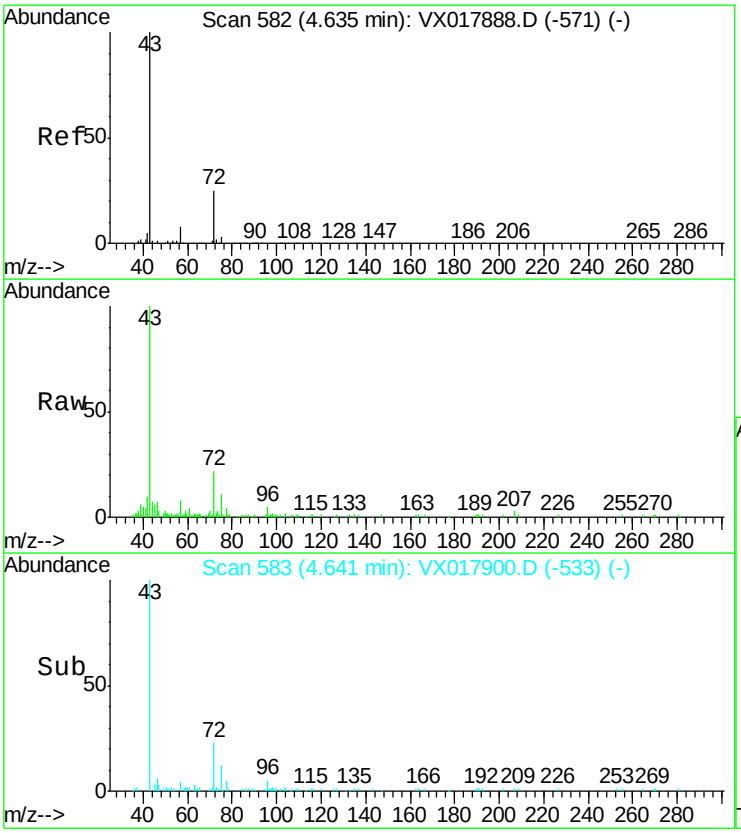
#19
1,1-Dichloroethane
Concen: 0.827 ug/L
RT: 3.67 min Scan# 424
Delta R.T. 0.00 min
Lab File: VX017900.D
Acq: 14 Aug 2020 15:18

Instrument :
MSVOA_X
ClientSampleId :
BG0N2

Tgt Ion: 63 Resp: 40044

Ion	Ratio	Lower	Upper
63	100		
65	33.5	22.6	42.0
83	15.2	9.5	17.7

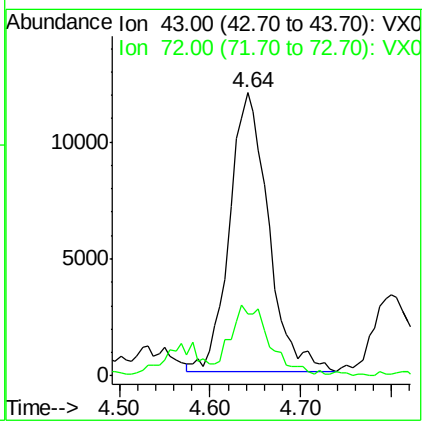


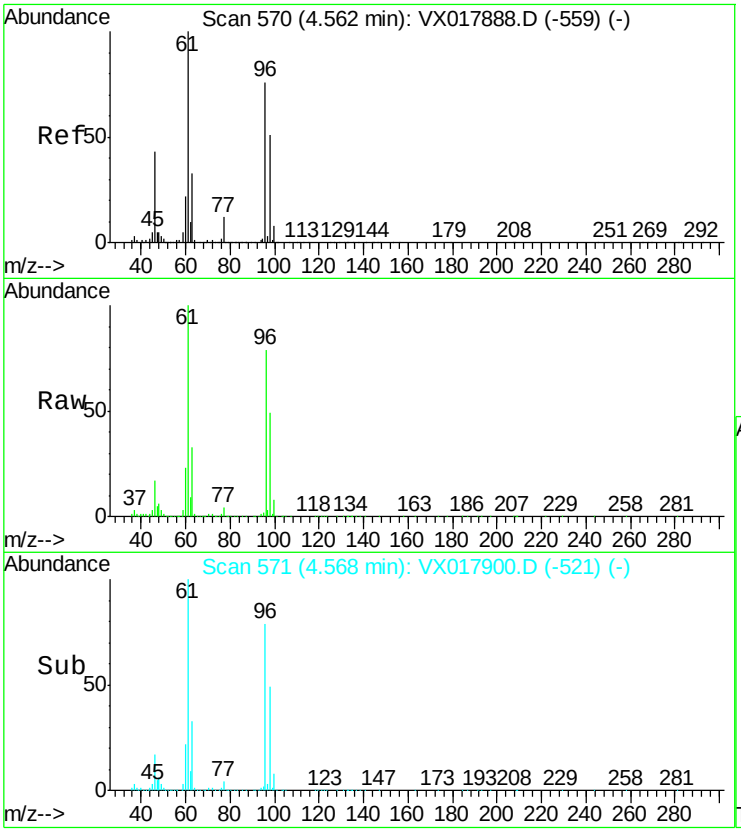


#21
2-Butanone
Concen: 4.906 ug/L
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX017900.D
Acq: 14 Aug 2020 15:18

Tgt Ion: 43 Resp: 35468

Ion	Ratio	Lower	Upper
43	100		
72	24.6	13.2	39.6



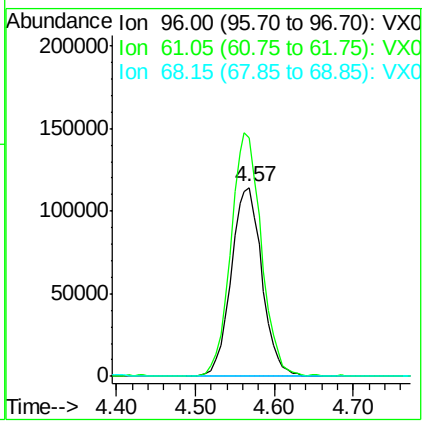


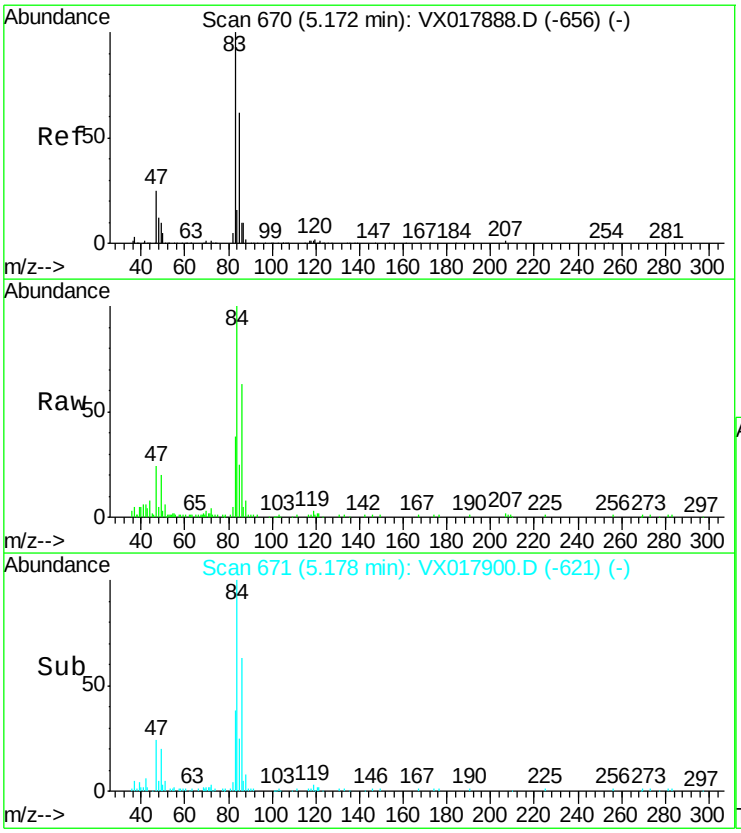
#22
cis-1,2-Dichloroethene
Concen: 10.877 ug/L
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX017900.D
Acq: 14 Aug 2020 15:18

Instrument :
MSVOA_X
ClientSampleId :
BG0N2

Tgt Ion: 96 Resp: 309917

Ion	Ratio	Lower	Upper
96	100		
61	126.3	88.8	165.0
68	0.2	0.2	0.4#

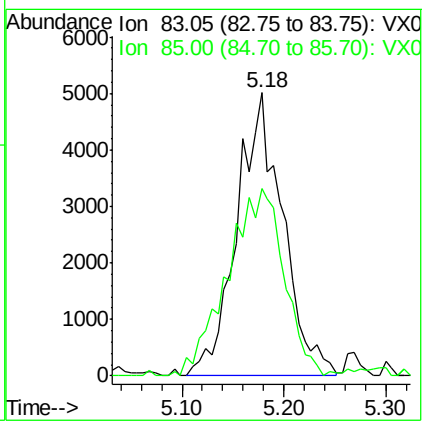


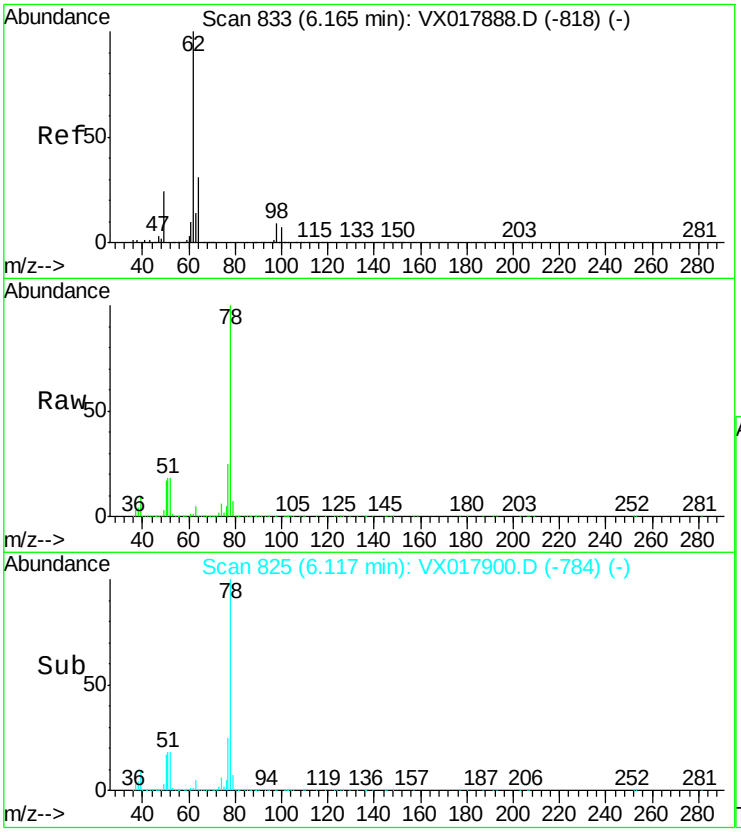


#25
Chloroform
Concen: 0.300 ug/L
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX017900.D
Acq: 14 Aug 2020 15:18

Tgt Ion: 83 Resp: 15652

Ion	Ratio	Lower	Upper
83	100		
85	66.4	44.7	83.1



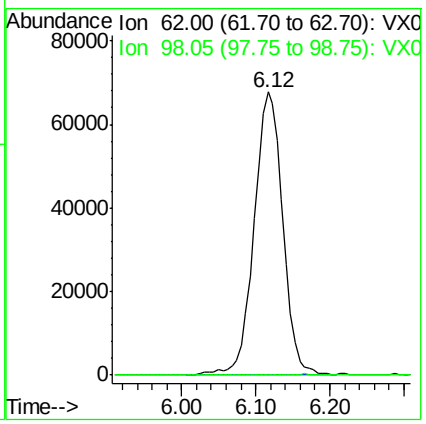


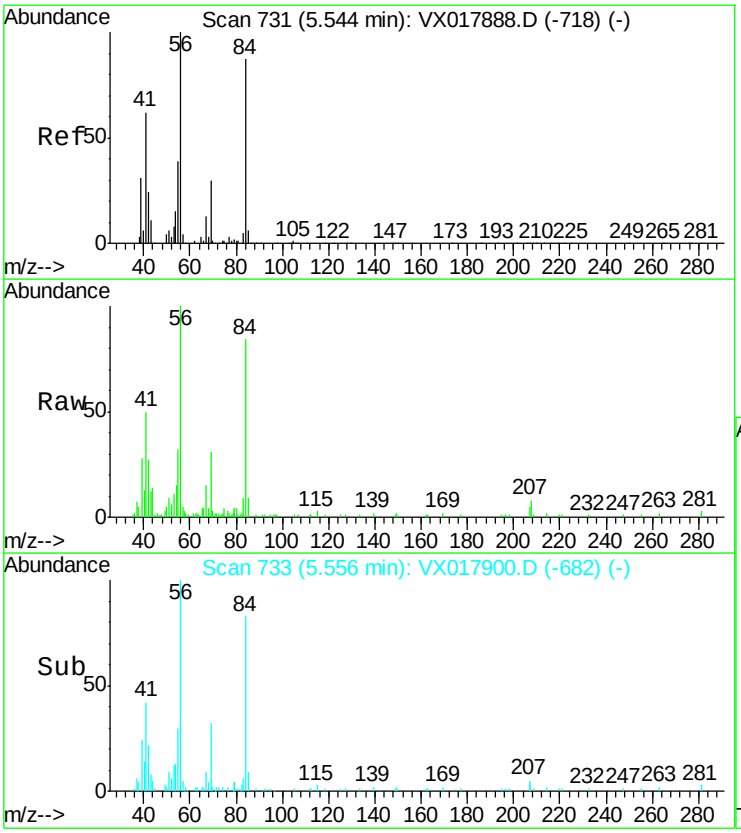
#27
1,2-Dichloroethane
Concen: 5.441 ug/L
RT: 6.12 min Scan# 825
Delta R.T. -0.05 min
Lab File: VX017900.D
Acq: 14 Aug 2020 15:18

Instrument :
MSVOA_X
ClientSampleId :
BG0N2

Tgt Ion: 62 Resp: 182076

Ion	Ratio	Lower	Upper
62	100		
98	0.1	6.7	10.1#

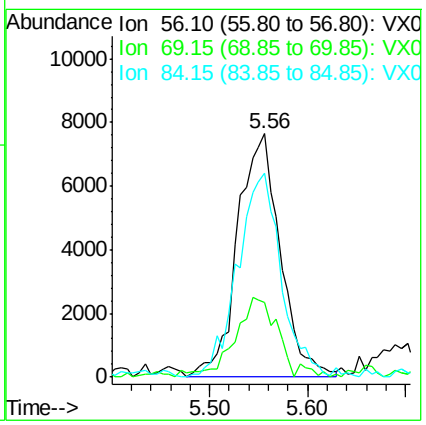


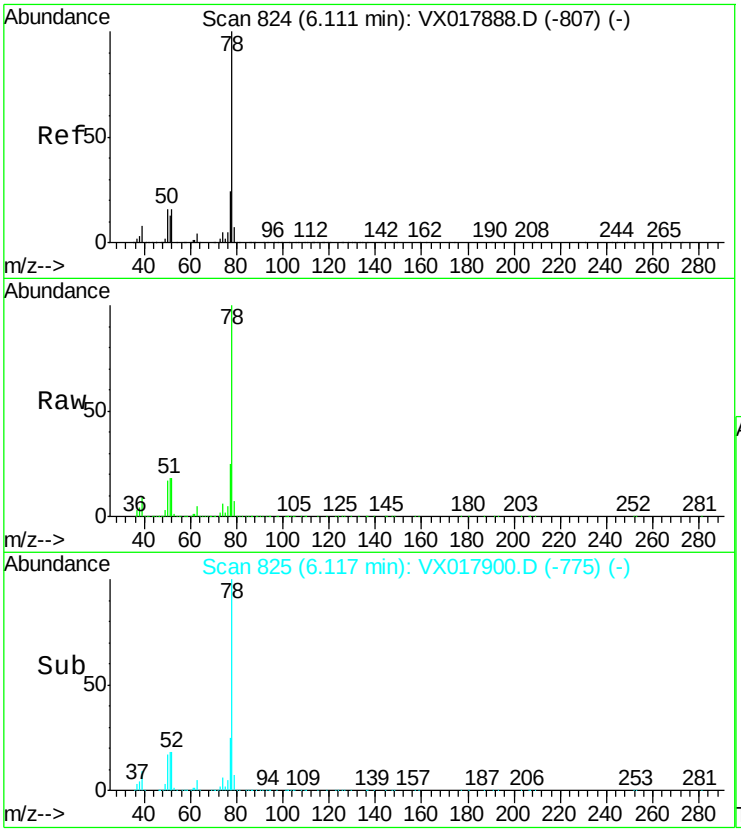


#30
Cyclohexane
Concen: 0.575 ug/L
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX017900.D
Acq: 14 Aug 2020 15:18

Tgt Ion: 56 Resp: 23312

Ion	Ratio	Lower	Upper
56	100		
69	31.8	25.1	37.7
84	85.0	70.7	106.1

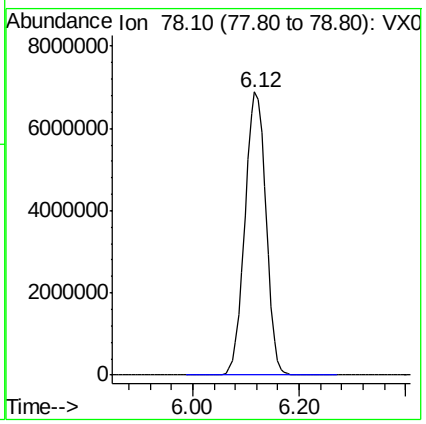


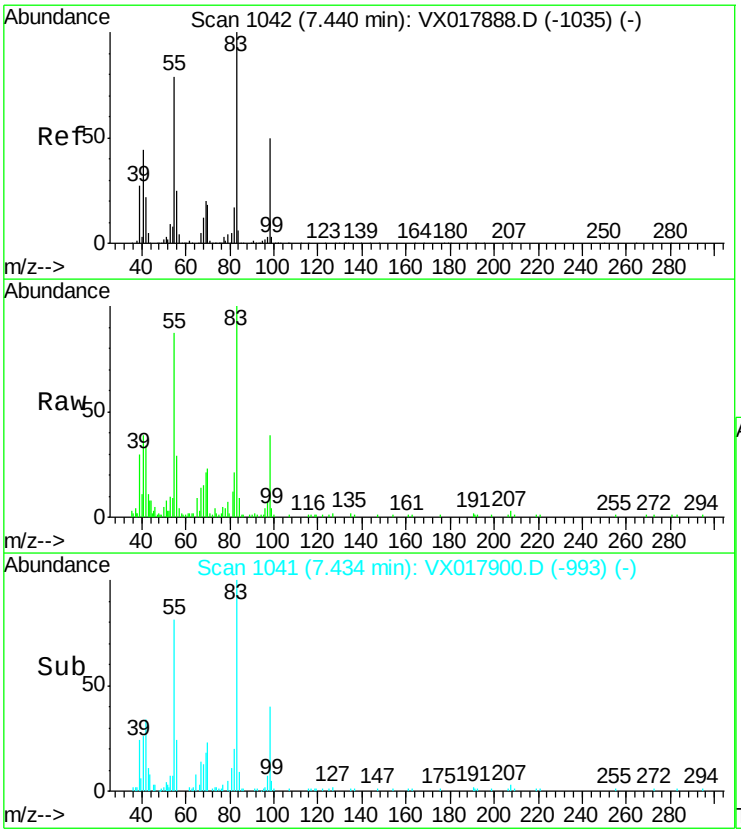


#33
Benzene
Concen: 185.285 ug/L
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017900.D
Acq: 14 Aug 2020 15:18

Instrument :
MSVOA_X
ClientSampleId :
BG0N2

Tgt Ion: 78 Resp:18696789

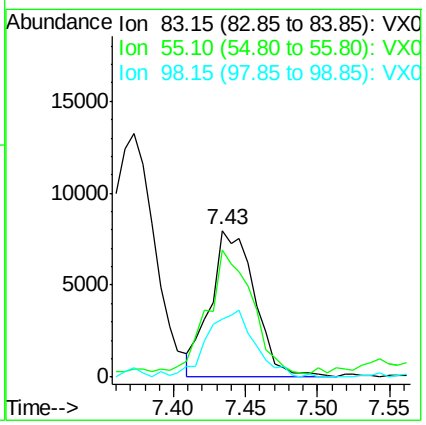


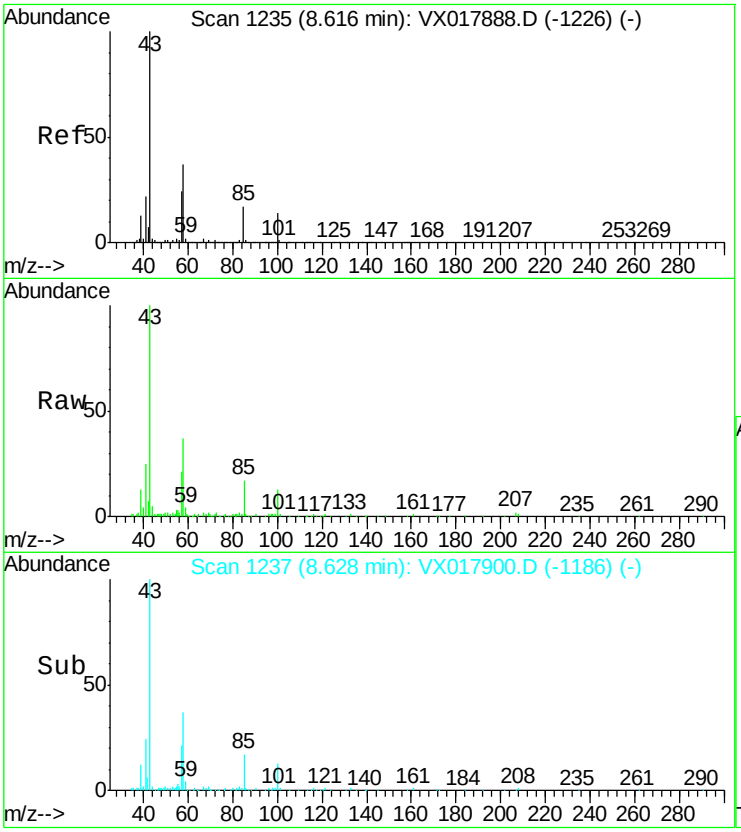


#35
Methylcyclohexane
Concen: 0.413 ug/L
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX017900.D
Acq: 14 Aug 2020 15:18

Tgt Ion: 83 Resp: 17085

Ion	Ratio	Lower	Upper
83	100		
55	85.0	62.4	93.6
98	49.3	38.0	57.0



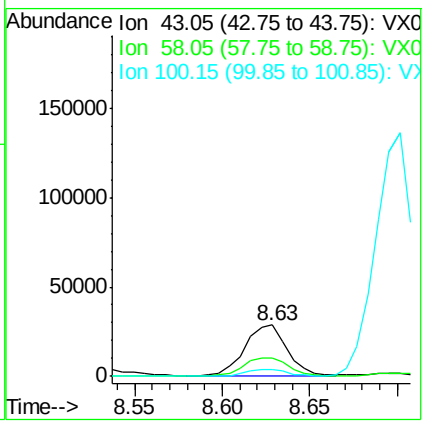


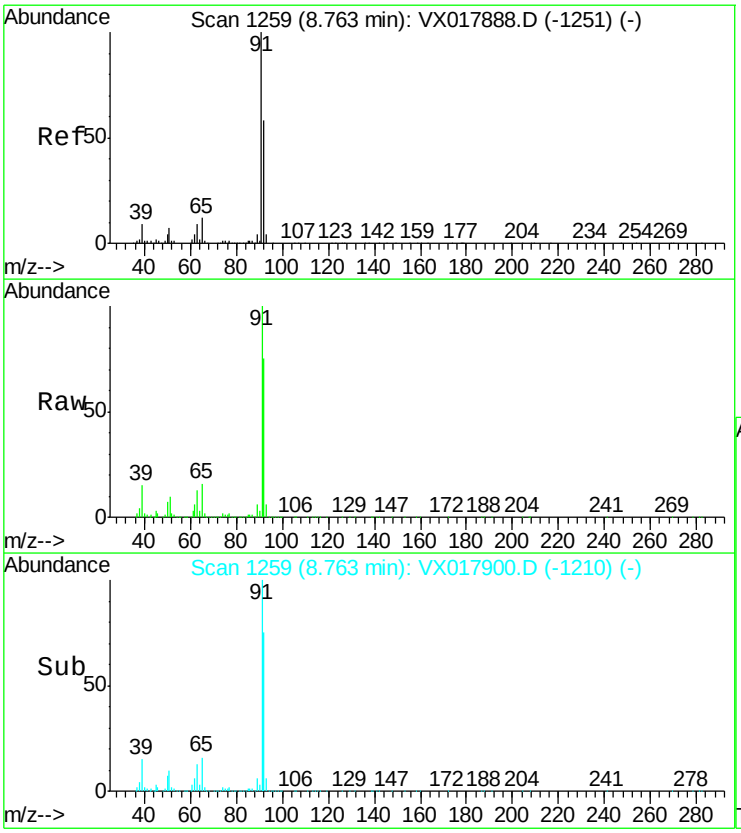
#40
4-Methyl-2-pentanone
Concen: 2.886 ug/L
RT: 8.63 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VX017900.D
Acq: 14 Aug 2020 15:18

Instrument :
MSVOA_X
ClientSampleId :
BG0N2

Tgt Ion: 43 Resp: 47681

Ion	Ratio	Lower	Upper
43	100		
58	40.0	31.1	46.7
100	14.7	12.2	18.4

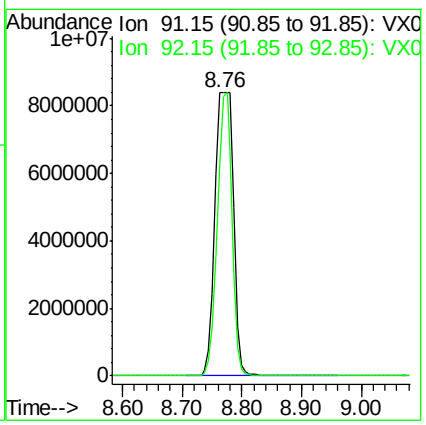


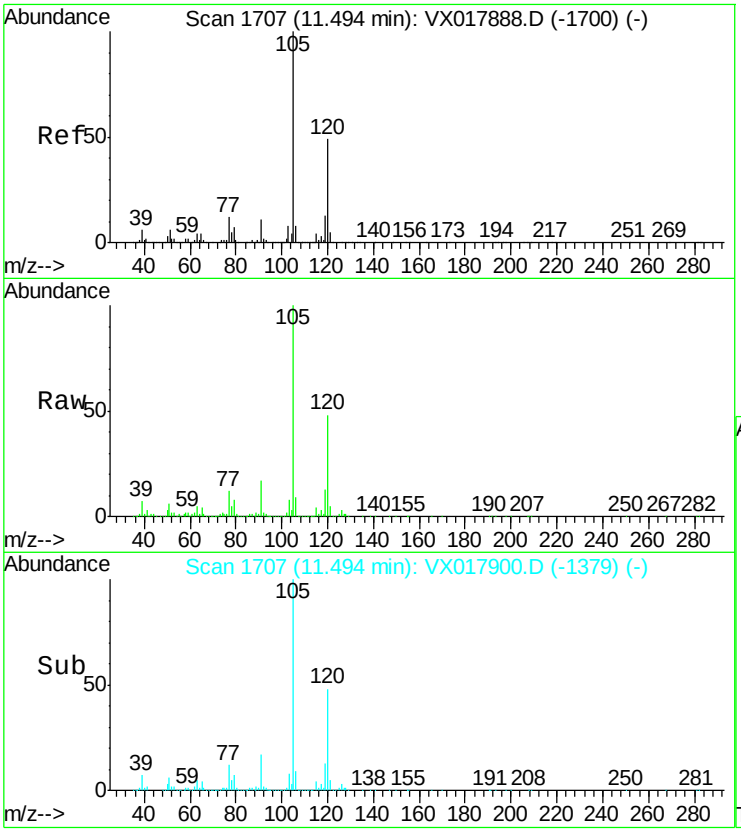


#42
Toluene
Concen: 167.260 ug/L
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX017900.D
Acq: 14 Aug 2020 15:18

Tgt Ion: 91 Resp:18321799

Ion	Ratio	Lower	Upper
91	100		
92	74.7	38.8	72.0#



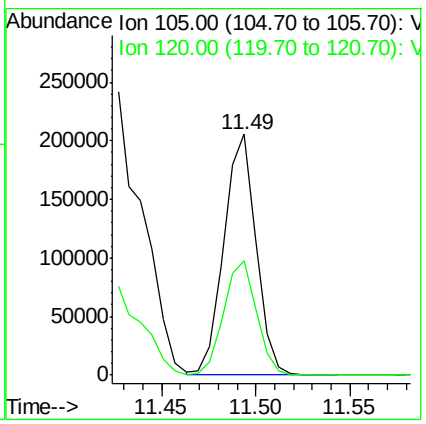


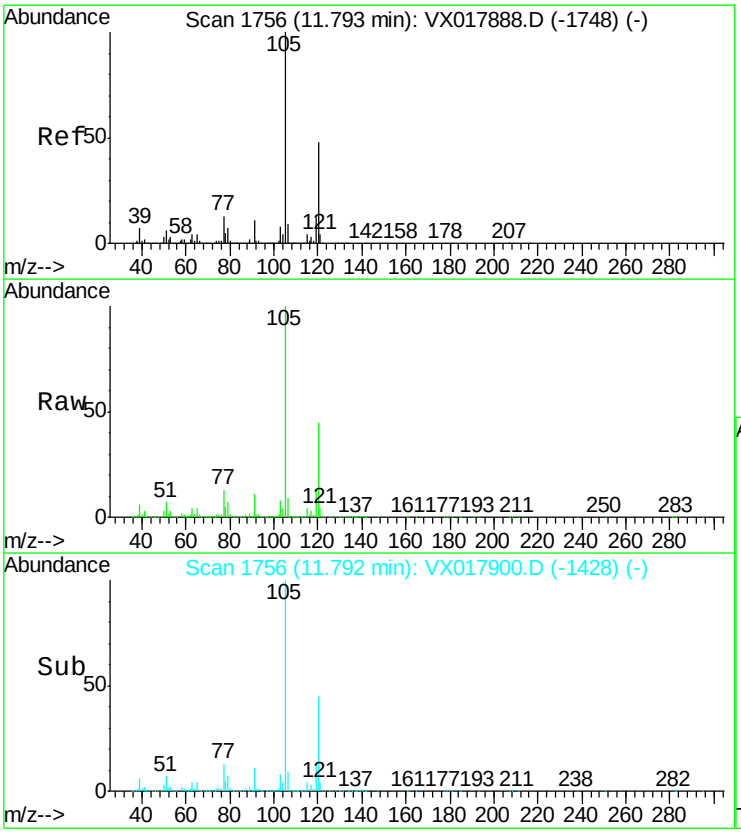
#43
1,3,5-Trimethylbenzene
Concen: 2.424 ug/L
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX017900.D
Acq: 14 Aug 2020 15:18

Instrument :
MSVOA_X
ClientSampleId :
BG0N2

Tgt Ion:105 Resp: 242355

Ion	Ratio	Lower	Upper
105	100		
120	48.2	38.1	57.1

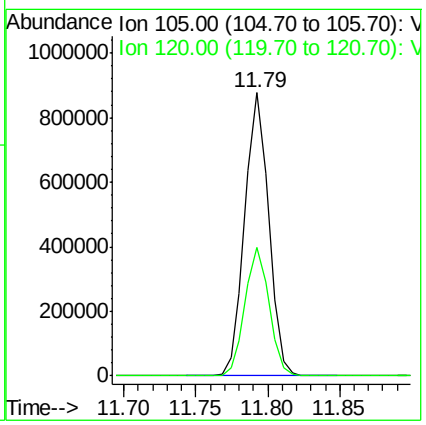


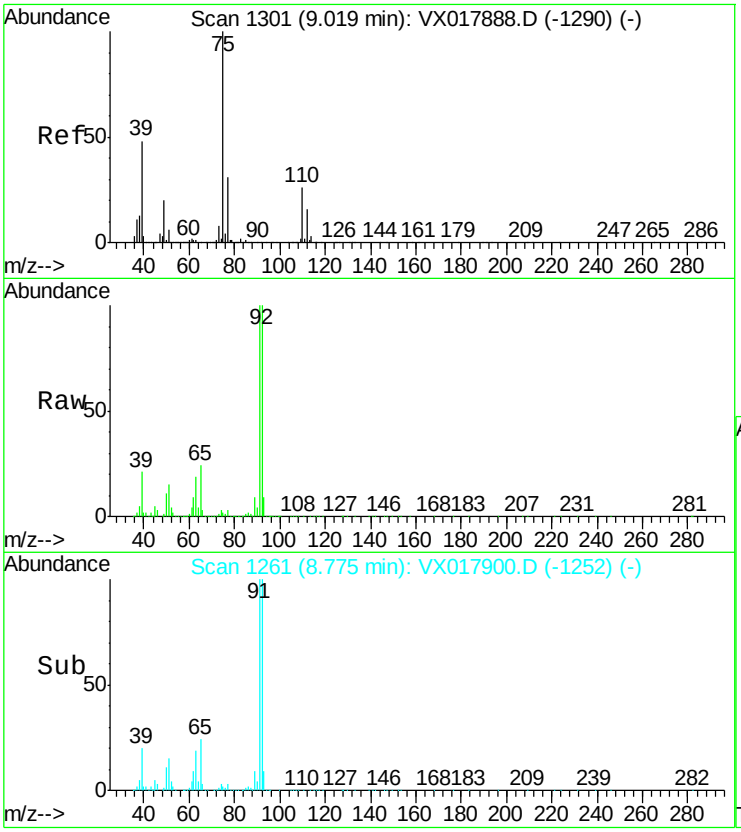


#44
1,2,4-Trimethylbenzene
Concen: 9.908 ug/L
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017900.D
Acq: 14 Aug 2020 15:18

Tgt Ion:105 Resp: 1008810

Ion	Ratio	Lower	Upper
105	100		
120	45.8	35.8	53.8



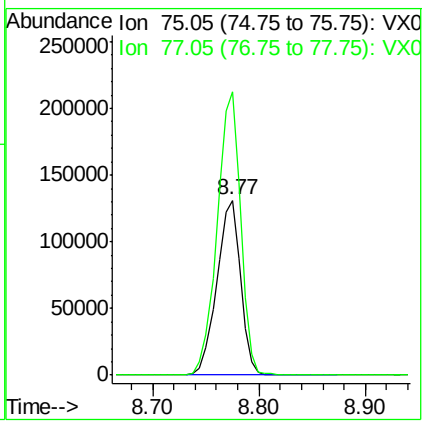


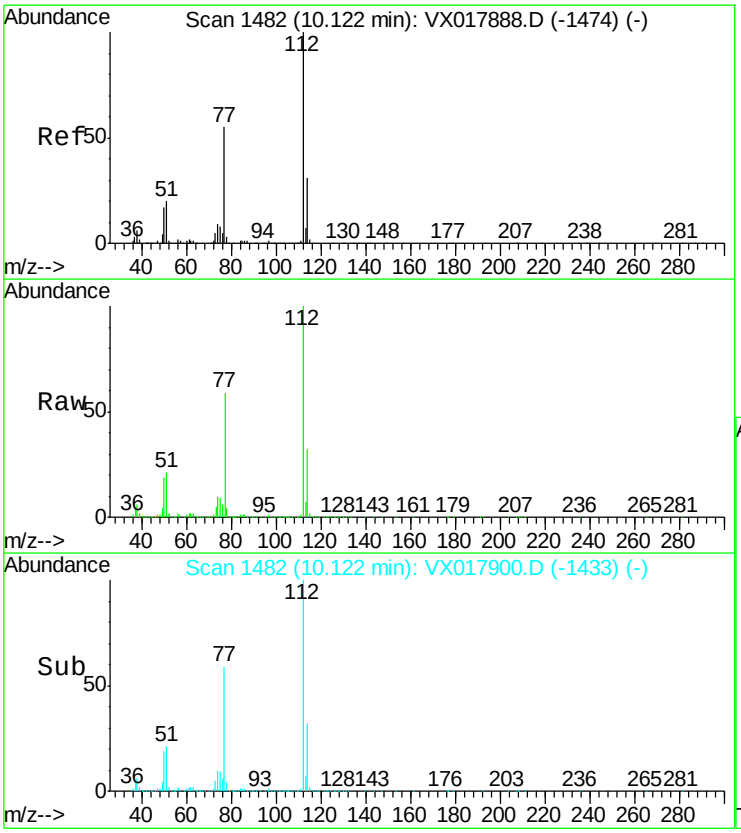
#46
trans-1,3-Dichloropropene
Concen: 5.824 ug/L
RT: 8.77 min Scan# 1261
Delta R.T. -0.24 min
Lab File: VX017900.D
Acq: 14 Aug 2020 15:18

Instrument :
MSVOA_X
ClientSampleId :
BG0N2

Tgt Ion: 75 Resp: 202959

Ion	Ratio	Lower	Upper
75	100		
77	162.0	21.6	40.2#

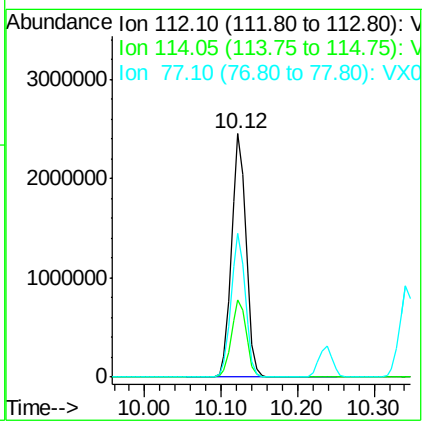


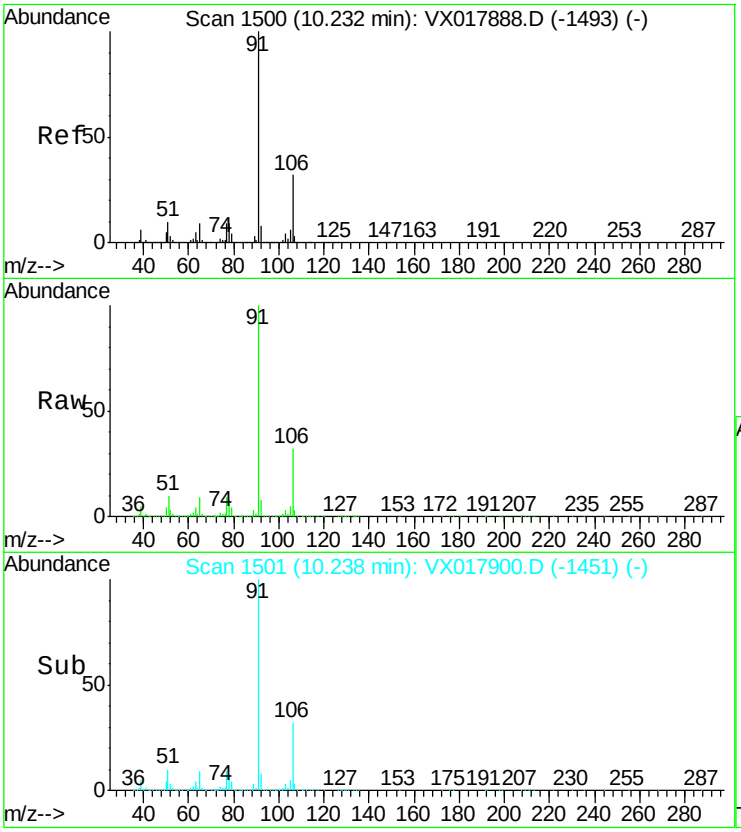


#53
Chlorobenzene
Concen: 45.119 ug/L
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017900.D
Acq: 14 Aug 2020 15:18

Tgt Ion:112 Resp: 3216979

Ion	Ratio	Lower	Upper
112	100		
114	31.9	23.5	43.7
77	59.2	46.7	70.1



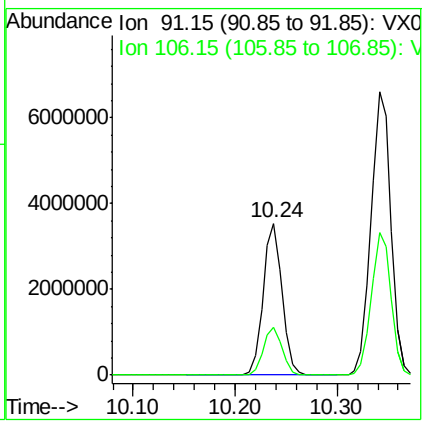


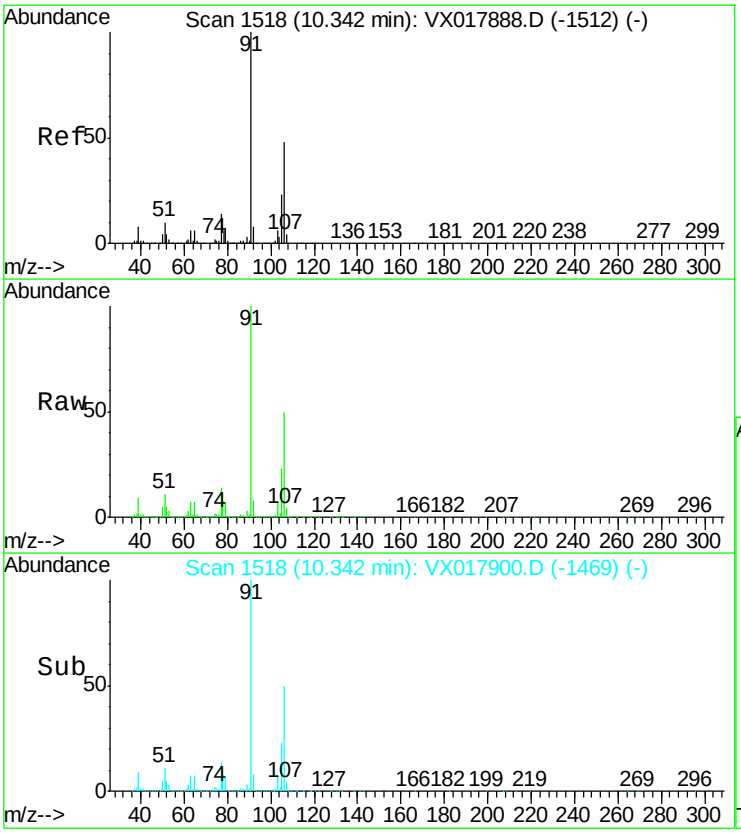
#54
Ethylbenzene
Concen: 38.314 ug/L
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX017900.D
Acq: 14 Aug 2020 15:18

Instrument : MSVOA_X
ClientSampleId : BG0N2

Tgt Ion: 91 Resp: 4580239

Ion	Ratio	Lower	Upper
91	100		
106	31.9	22.5	41.9

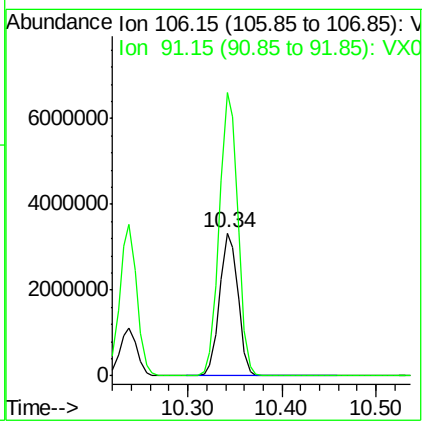


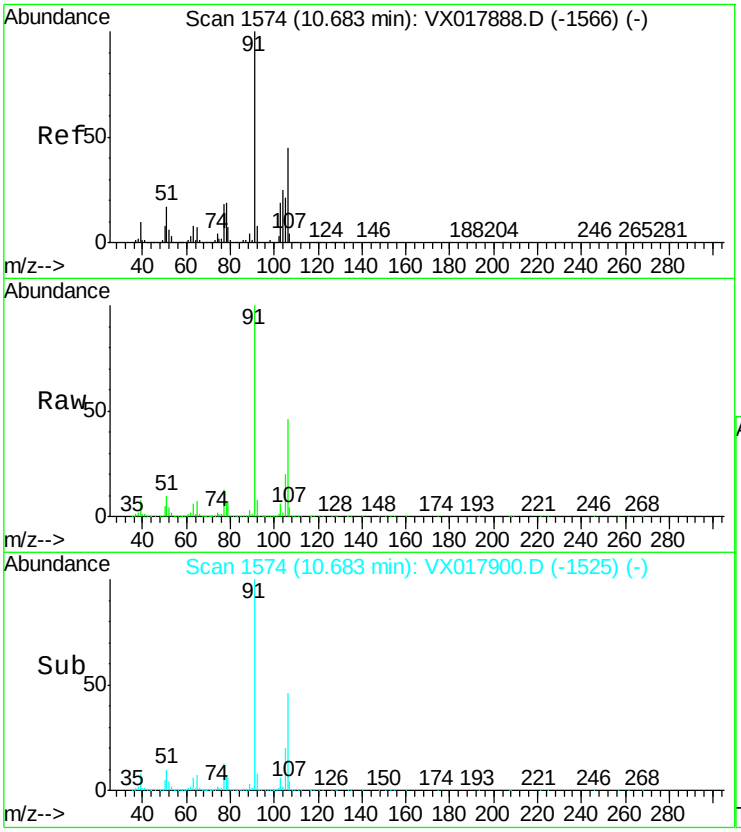


#55
m,p-xylene
Concen: 98.899 ug/L
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017900.D
Acq: 14 Aug 2020 15:18

Tgt Ion:106 Resp: 4514247

Ion	Ratio	Lower	Upper
106	100		
91	198.2	143.3	266.1



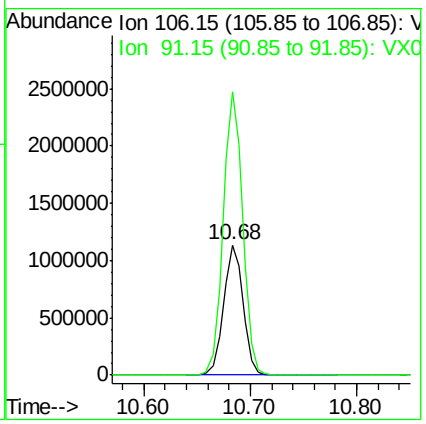


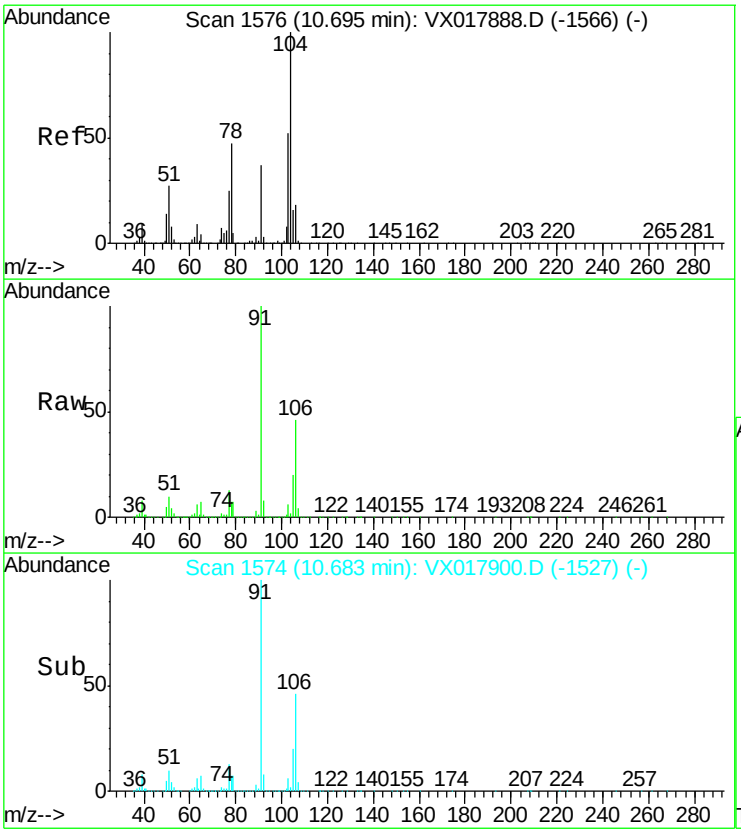
#56
o-xylene
Concen: 32.809 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017900.D
Acq: 14 Aug 2020 15:18

Instrument :
MSVOA_X
ClientSampleId :
BG0N2

Tgt Ion:106 Resp: 1451986

Ion	Ratio	Lower	Upper
106	100		
91	217.3	149.8	278.2

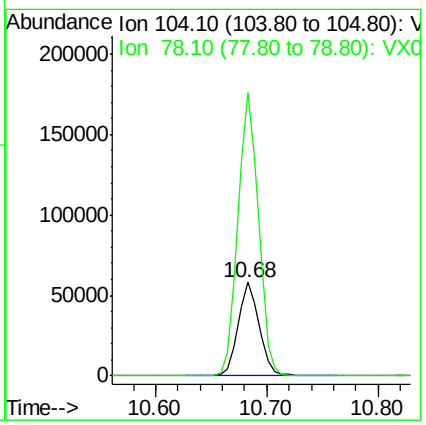


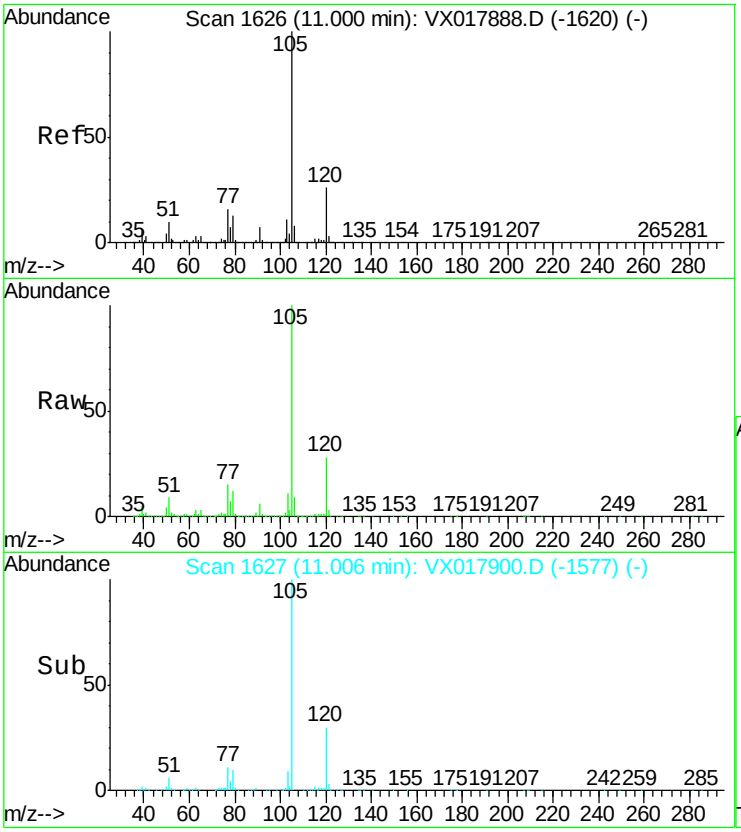


#57
Styrene
Concen: 1.024 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. -0.01 min
Lab File: VX017900.D
Acq: 14 Aug 2020 15:18

Tgt Ion:104 Resp: 76607

Ion	Ratio	Lower	Upper
104	100		
78	302.2	33.7	62.5#



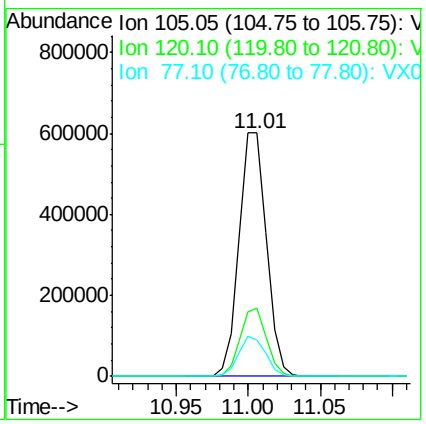


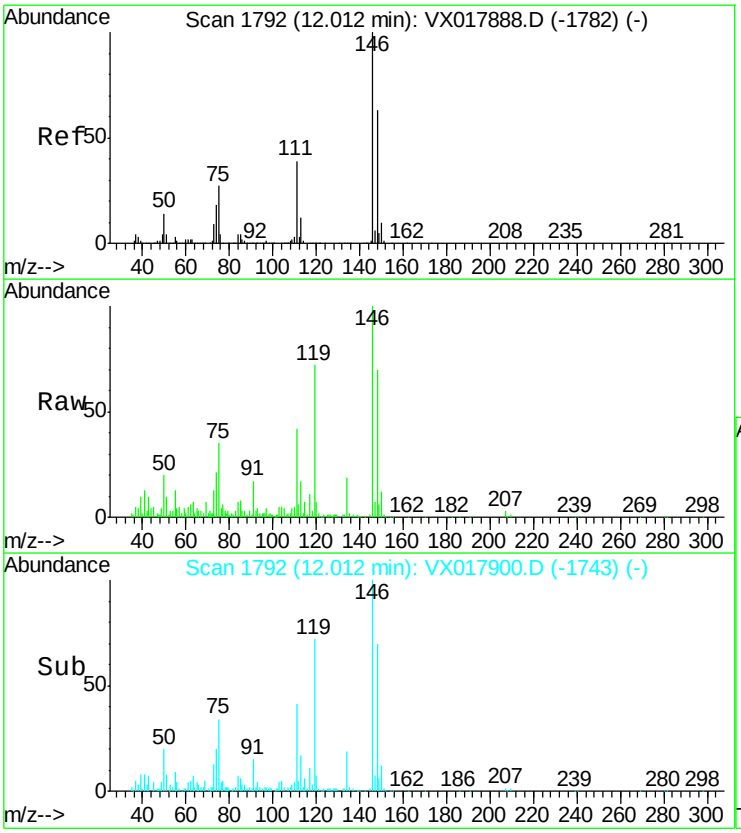
#58
Isopropylbenzene
Concen: 6.690 ug/L
RT: 11.01 min Scan# 1627
Delta R.T. 0.01 min
Lab File: VX017900.D
Acq: 14 Aug 2020 15:18

Instrument :
MSVOA_X
ClientSampleId :
BG0N2

Tgt Ion:105 Resp: 792472

Ion	Ratio	Lower	Upper
105	100		
120	27.1	21.8	32.6
77	16.0	12.8	19.2

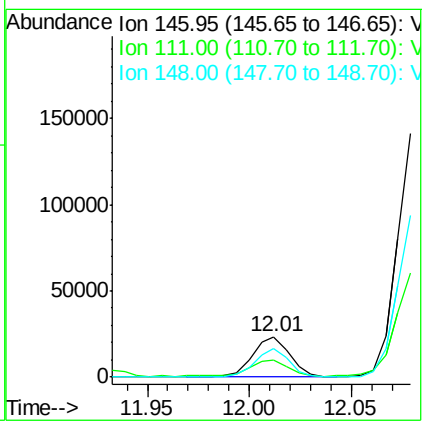


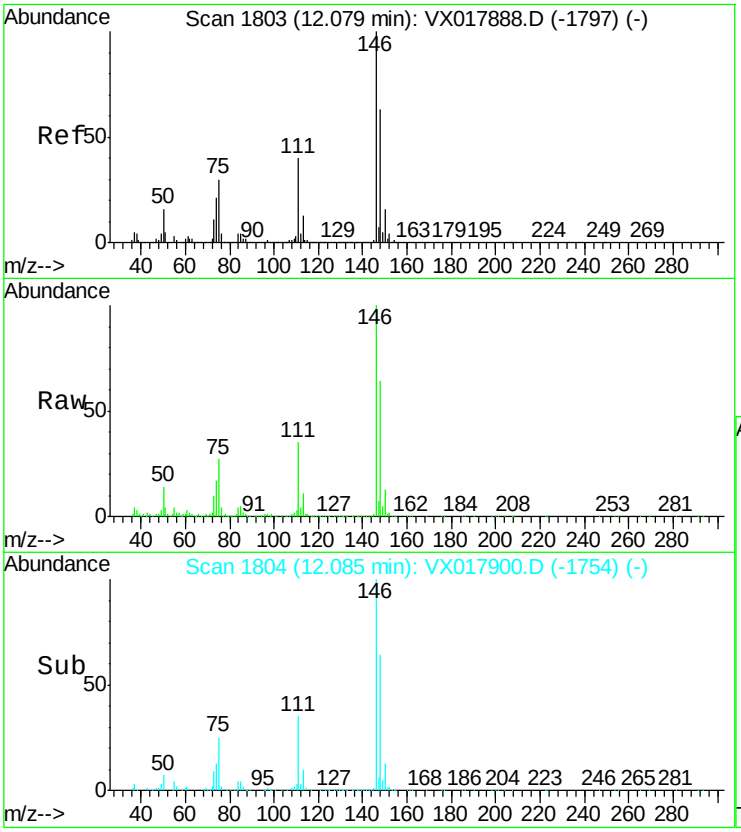


#63
1,3-Dichlorobenzene
Concen: 0.529 ug/L
RT: 12.01 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX017900.D
Acq: 14 Aug 2020 15:18

Tgt Ion:146 Resp: 29995

Ion	Ratio	Lower	Upper
146	100		
111	42.4	27.6	51.4
148	70.3	43.9	81.5



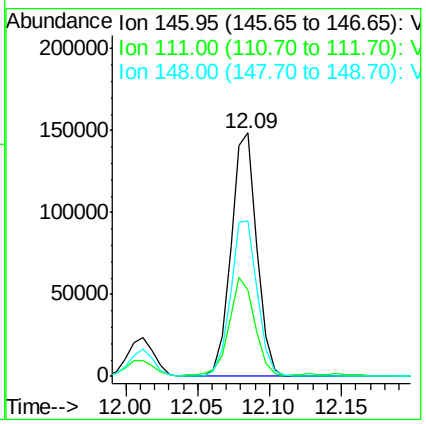


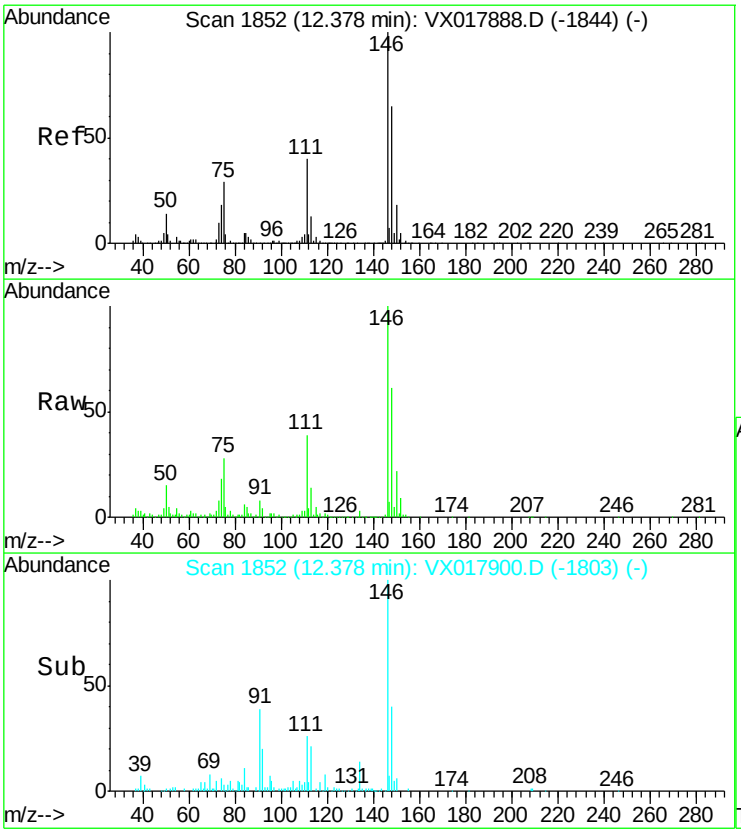
#64
1,4-Dichlorobenzene
Concen: 3.297 ug/L
RT: 12.09 min Scan# 1804
Delta R.T. 0.01 min
Lab File: VX017900.D
Acq: 14 Aug 2020 15:18

Instrument : MSVOA_X
ClientSampleId : BG0N2

Tgt Ion:146 Resp: 185865

Ion	Ratio	Lower	Upper
146	100		
111	35.3	26.0	48.2
148	63.6	43.2	80.2

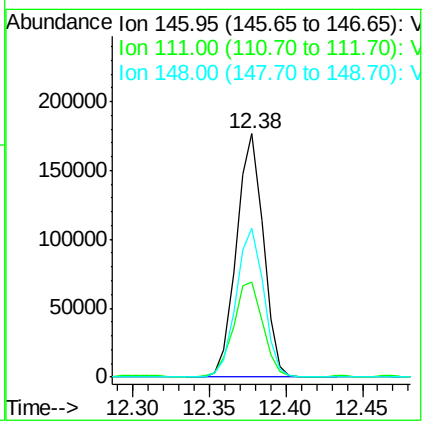


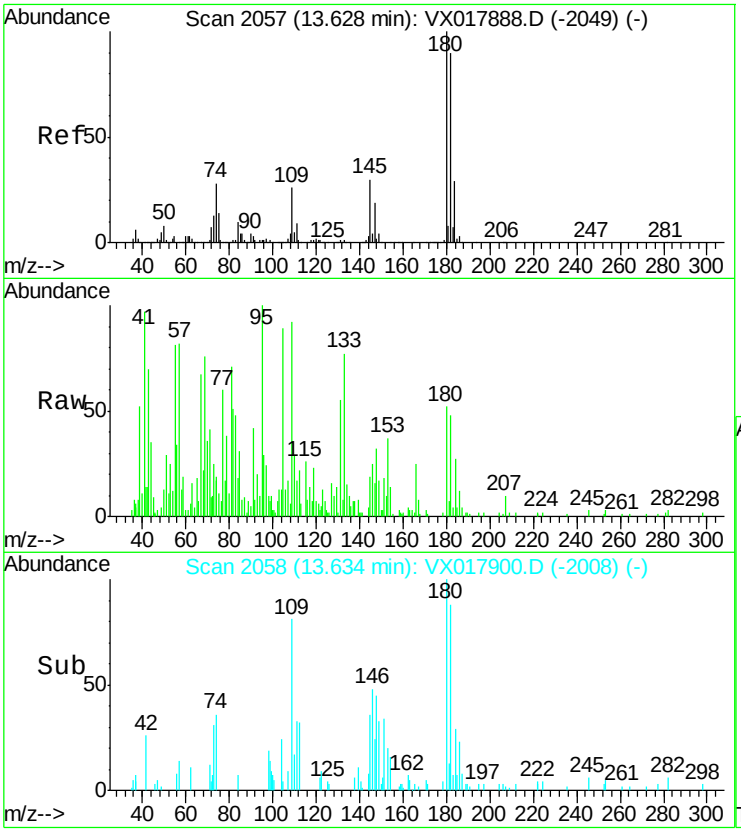


#66
1,2-Dichlorobenzene
Concen: 4.094 ug/L
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX017900.D
Acq: 14 Aug 2020 15:18

Tgt Ion:146 Resp: 215501

Ion	Ratio	Lower	Upper
146	100		
111	39.2	32.2	48.4
148	61.1	52.3	78.5



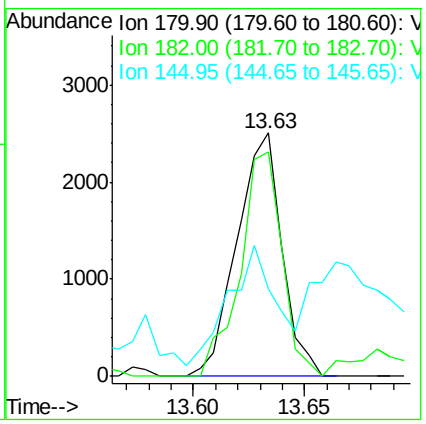


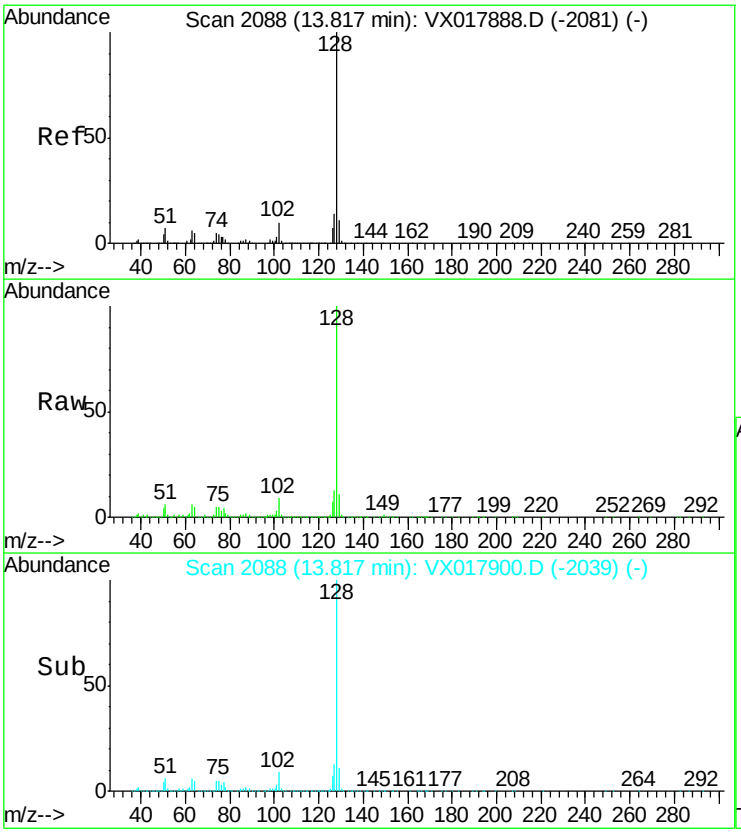
#69
1,2,4-trichlorobenzene
Concen: 0.095 ug/L
RT: 13.63 min Scan# 2058
Delta R.T. 0.01 min
Lab File: VX017900.D
Acq: 14 Aug 2020 15:18

Instrument :
MSVOA_X
ClientSampleId :
BG0N2

Tgt Ion:180 Resp: 3527

Ion	Ratio	Lower	Upper
180	100		
182	86.0	76.5	114.7
145	52.5	25.4	38.0#





#70
Naphthalene
Concen: 9.338 ug/L
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017900.D
Acq: 14 Aug 2020 15:18

Tgt Ion:128 Resp: 635597

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.4	12.6
127	12.9	11.0	16.4