Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092820\
Data File : VX018633.D
Acq On : 28 Sep 2020 22:33
Operator : JC/SP
Sample : L4135-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG4A8

Quant Time: Sep 29 02:41:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 02:30:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	302643	5.00	ug/L		0.00
28) Chlorobenzene-d5	10.10	117	281641	5.00	ug/L		0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	144129	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.39	65	63344	4.00	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.00%				
7) Chloroethane-d5	1.70	69	57727	4.32	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.40%				
11) 1,1-Dichloroethene-d2	2.34	63	117086	3.35	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.00%				
20) 2-Butanone-d5	4.56	46	180949	44.81	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.62%				
24) Chloroform-d	5.14	84	158469	4.22	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.40%				
26) 1,2-Dichloroethane-d4	6.03	65	84451	3.86	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.20%				
32) Benzene-d6	6.05	84	288912	4.45	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.00%				
36) 1,2-Dichloropropane-d6	7.37	67	91720	4.63	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.60%				
41) Toluene-d8	8.70	98	279426	4.32	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.40%				
45) trans-1,3-Dichloropropene-	8.99	79	38169	4.33	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.60%				
48) 2-Hexanone-d5	9.43	63	160336	50.82	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.64%				
59) 1,1,2,2-Tetrachloroethane-	11.23	84	71614	4.86	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.20%				
65) 1,2-Dichlorobenzene-d4	12.36	152	113269	4.81	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	2007	0.110	ug/L	#	56
3) Chloromethane	1.31	50	2127	0.136	ug/L		99
8) Chloroethane	1.72	64	317817	35.269	ug/L		100
13) Acetone	2.47	43	12005	5.371	ug/L		89
14) Carbon disulfide	2.55	76	6917	0.154	ug/L		96
15) Methyl Acetate	2.76	43	942	0.152	ug/L		96
16) Methylene chloride	2.84	84	5650	0.280	ug/L		92
17) Methyl tert-butyl Ether	3.18	73	14210	0.432	ug/L	#	1
18) trans-1,2-Dichloroethene	3.14	96	4451	0.301	ug/L		90
19) 1,1-Dichloroethane	3.68	63	7055	0.266	ug/L	#	86
21) 2-Butanone	4.68	43	5308	1.496	ug/L	#	48
22) cis-1,2-Dichloroethene	4.57	96	6804	0.442	ug/L	#	90
27) 1,2-Dichloroethane	6.12	62	72790	3.975	ug/L	#	76
30) Cyclohexane	5.54	56	78540	3.680	ug/L		94
33) Benzene	6.12	78	7486765	137.874	ug/L		100
35) Methylcyclohexane	7.44	83	39563	1.810	ug/L	#	84
39) cis-1,3-Dichloropropene	8.45	75	1975	0.096	ug/L	#	45

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092820\
Data File : VX018633.D
Acq On : 28 Sep 2020 22:33
Operator : JC/SP
Sample : L4135-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG4A8

Quant Time: Sep 29 02:41:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 02:30:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	8.76	91	65630	1.119	ug/L		97
43) 1,3,5-Trimethylbenzene	11.79	105	170540	3.326	ug/L		97
44) 1,2,4-Trimethylbenzene	11.79	105	170540	3.324	ug/L		98
50) 2-Hexanone	9.49	43	5532	0.973	ug/L	#	1
53) Chlorobenzene	10.12	112	20015861	516.587	ug/L	#	46
54) Ethylbenzene	10.24	91	154618	2.420	ug/L		98
55) m,p-xylene	10.34	106	123854	5.070	ug/L		94
56) o-xylene	10.68	106	481531	20.861	ug/L		88
57) Styrene	10.68	104	27740	0.728	ug/L	#	1
58) Isopropylbenzene	11.00	105	3602977	58.215	ug/L		99
60) 1,1,2,2-Tetrachloroethane	11.27	83	18293	1.558	ug/L	#	37
63) 1,3-Dichlorobenzene	12.01	146	67581	2.157	ug/L		94
64) 1,4-Dichlorobenzene	12.08	146	473063	14.947	ug/L		97
66) 1,2-Dichlorobenzene	12.38	146	188314	6.451	ug/L		98
67) 1,2-Dibromo-3-chloropropan	12.96	75	6286	2.533	ug/L	#	10
70) Naphthalene	13.82	128	109061	3.346	ug/L	#	97

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

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Quant Time: Sep 29 02:41:05 2020
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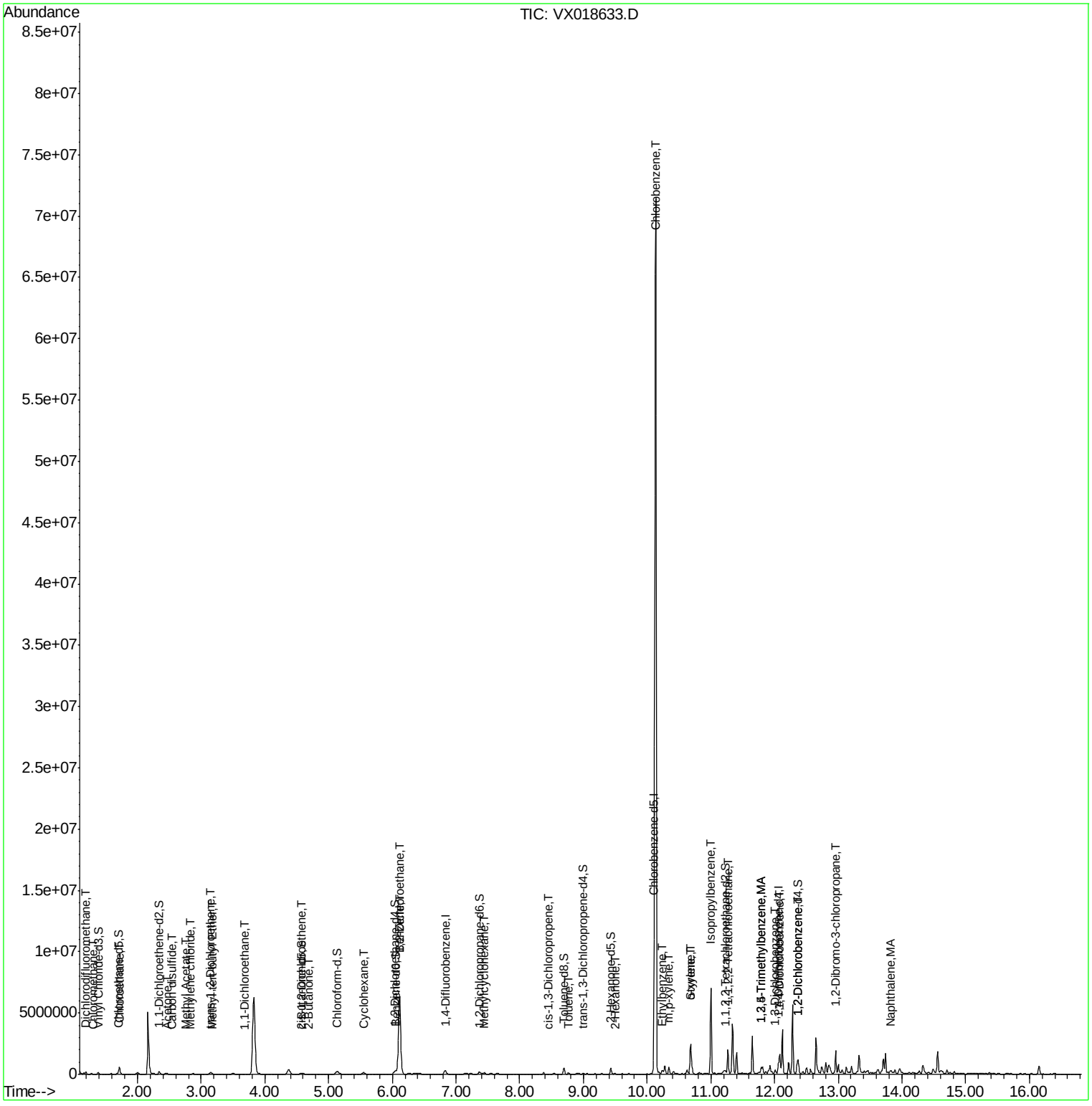
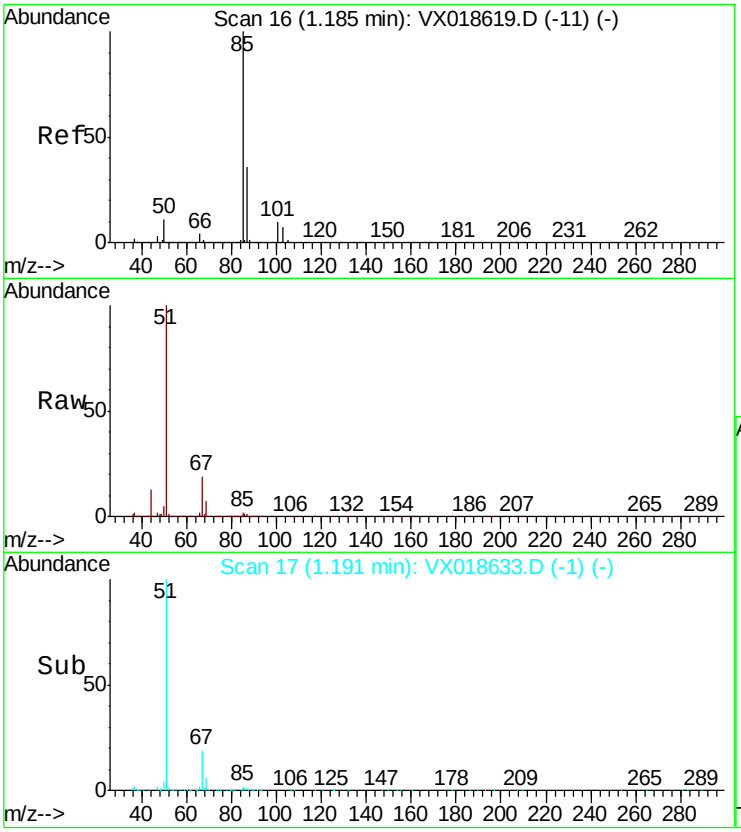
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 02:30:52 2020
Response via : Initial Calibration



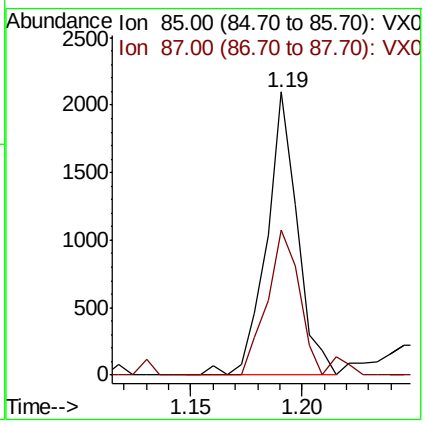


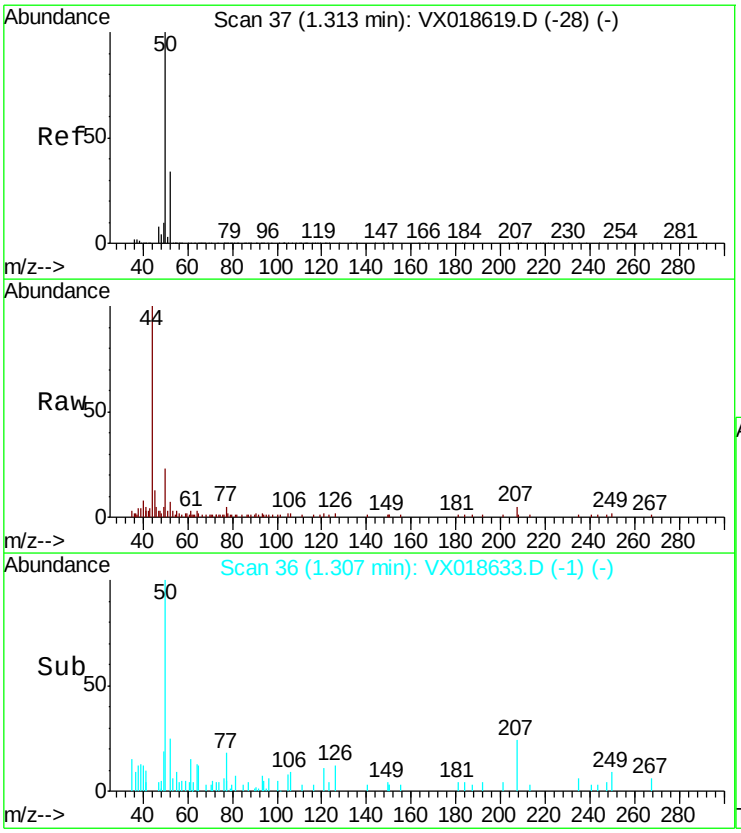
#2
Dichlorodifluoromethane
Concen: 0.110 ug/L
RT: 1.19 min Scan# 17
Delta R.T. 0.01 min
Lab File: VX018633.D
Acq: 28 Sep 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
BG4A8

Tgt Ion: 85 Resp: 2007

Ion	Ratio	Lower	Upper
85	100		
87	57.3	26.1	39.1#

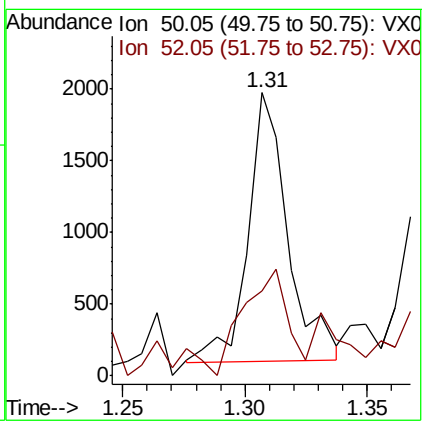


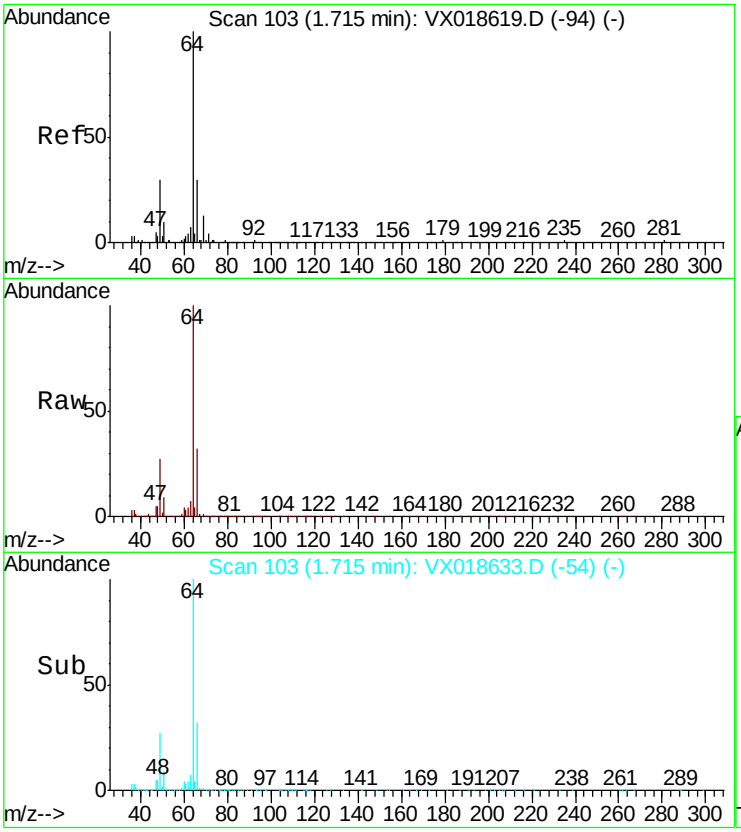


#3
Chloromethane
Concen: 0.136 ug/L
RT: 1.31 min Scan# 36
Delta R.T. -0.01 min
Lab File: VX018633.D
Acq: 28 Sep 2020 22:33

Tgt Ion: 50 Resp: 2127

Ion	Ratio	Lower	Upper
50	100		
52	30.0	21.2	39.4



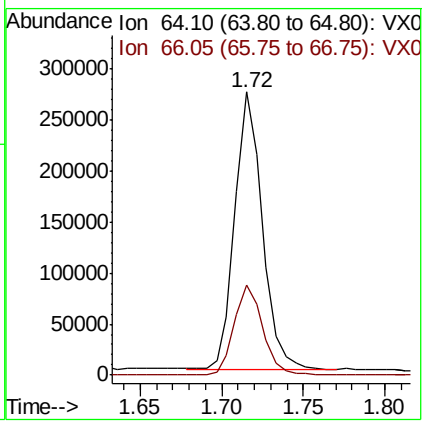


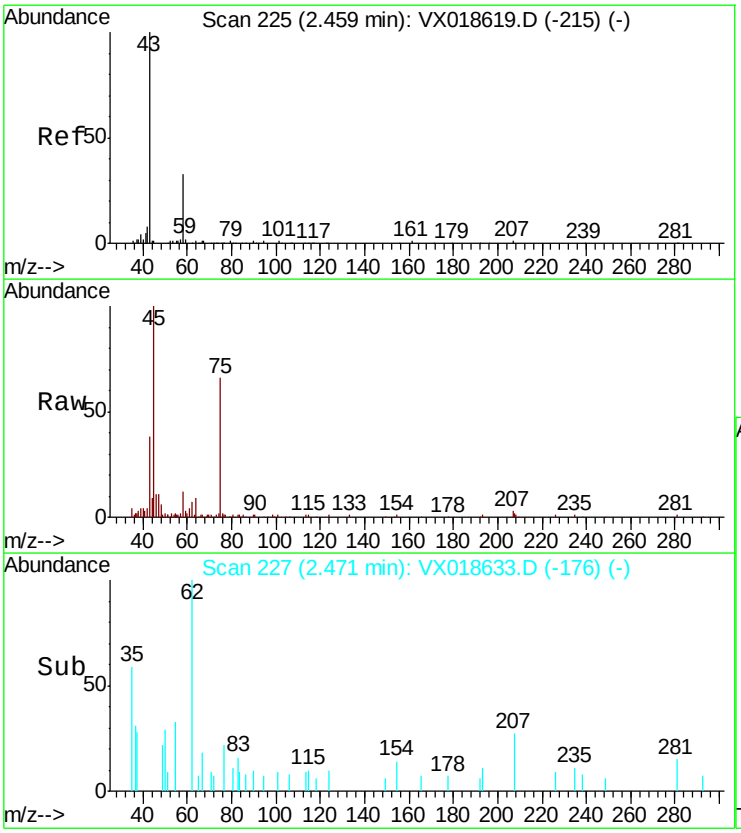
#8
Chloroethane
Concen: 35.269 ug/L
RT: 1.72 min Scan# 103
Delta R.T. 0.00 min
Lab File: VX018633.D
Acq: 28 Sep 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
BG4A8

Tgt Ion: 64 Resp: 317817

Ion	Ratio	Lower	Upper
64	100		
66	31.9	22.3	41.3

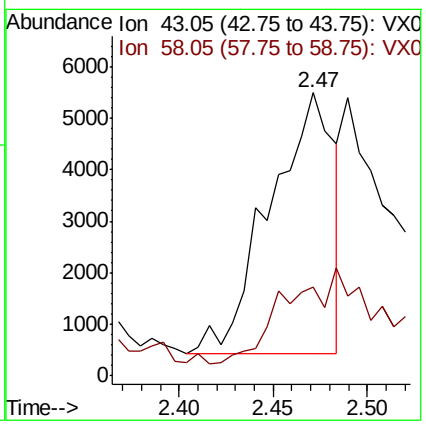


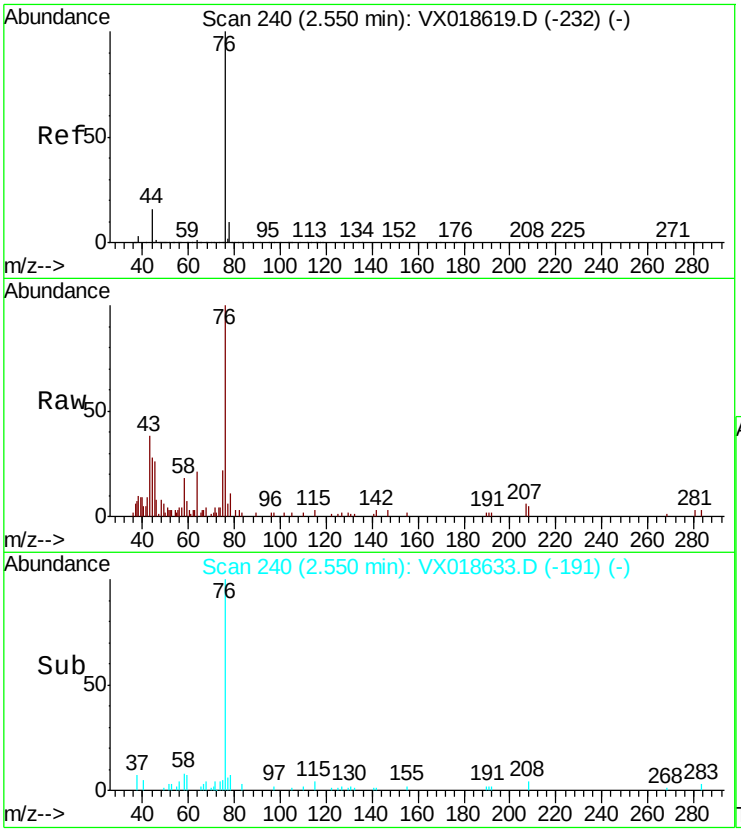


#13
Acetone
Concen: 5.371 ug/L
RT: 2.47 min Scan# 227
Delta R.T. 0.01 min
Lab File: VX018633.D
Acq: 28 Sep 2020 22:33

Tgt Ion: 43 Resp: 12005

Ion	Ratio	Lower	Upper
43	100		
58	24.7	0.0	61.6



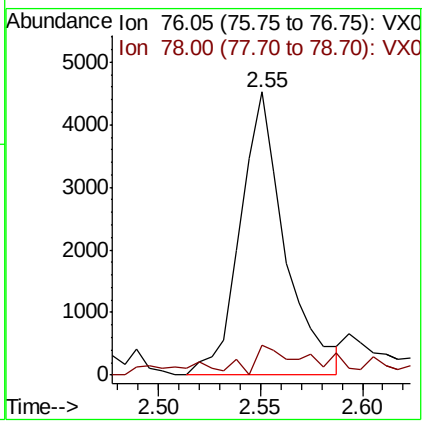


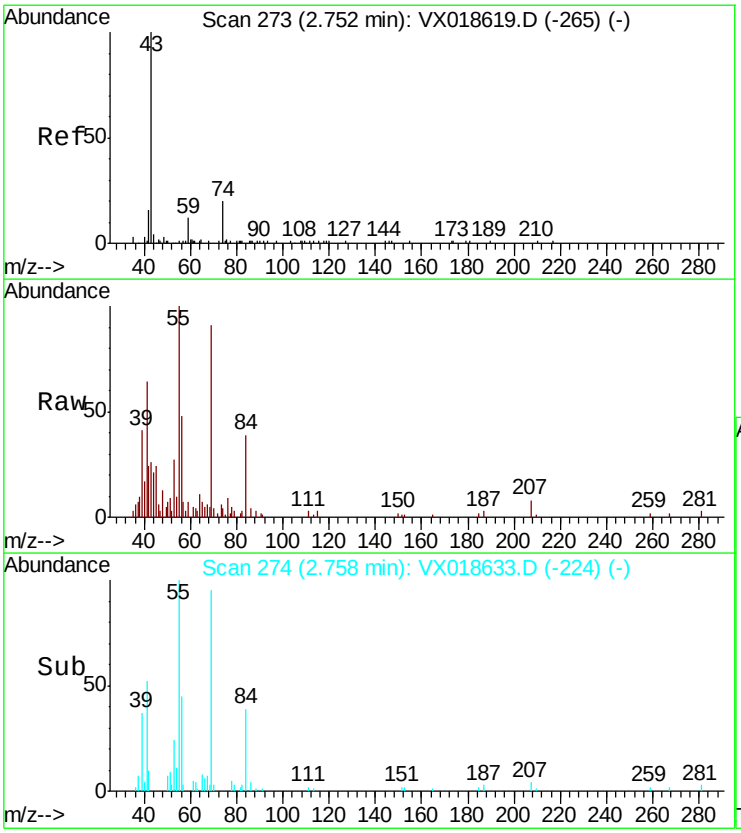
#14
Carbon disulfide
Concen: 0.154 ug/L
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018633.D
Acq: 28 Sep 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
BG4A8

Tgt Ion: 76 Resp: 6917

Ion	Ratio	Lower	Upper
76	100		
78	10.5	7.4	11.0

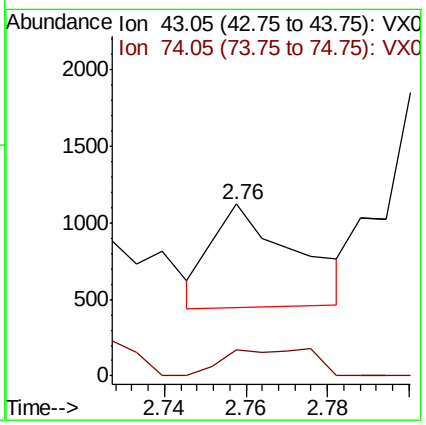


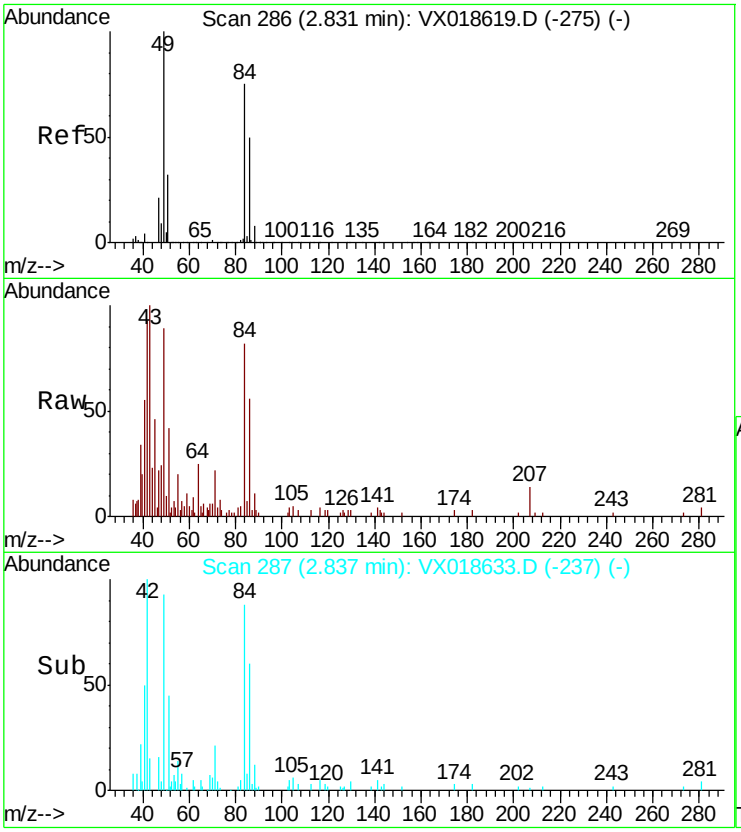


#15
Methyl Acetate
Concen: 0.152 ug/L
RT: 2.76 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX018633.D
Acq: 28 Sep 2020 22:33

Tgt Ion: 43 Resp: 942

Ion	Ratio	Lower	Upper
43	100		
74	28.3	21.2	31.8



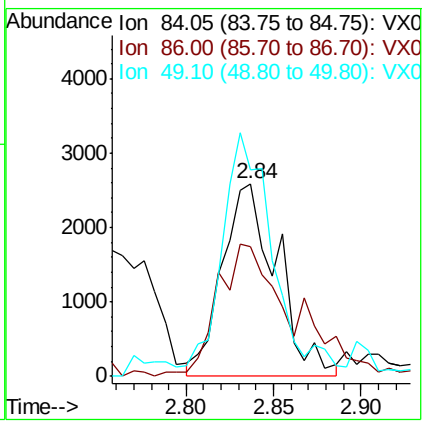


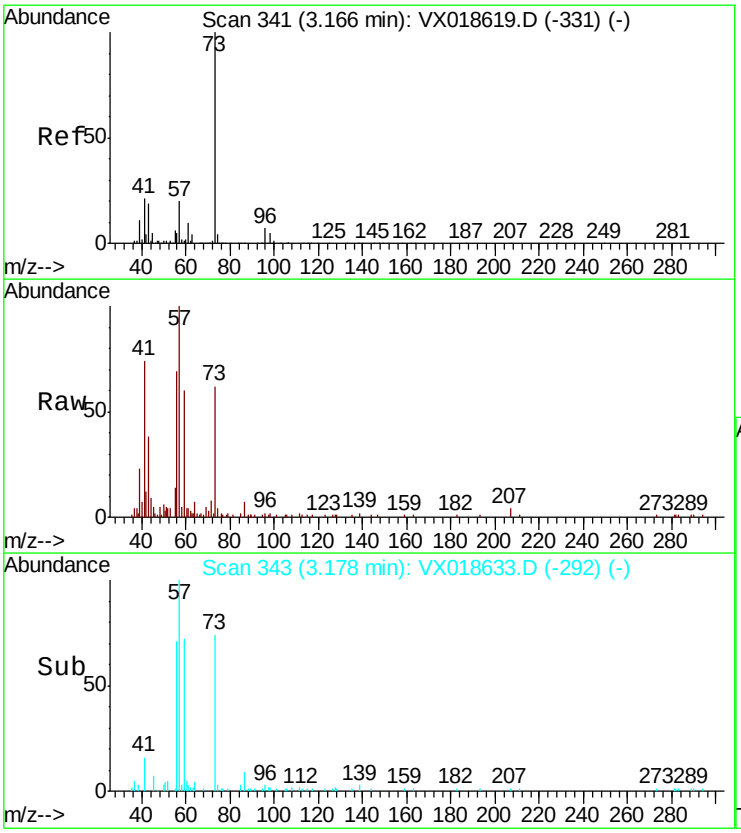
#16
Methylene chloride
Concen: 0.280 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018633.D
Acq: 28 Sep 2020 22:33

Instrument : MSVOA_X
ClientSampleId : BG4A8

Tgt Ion: 84 Resp: 5650

Ion	Ratio	Lower	Upper
84	100		
86	67.3	41.9	77.7
49	107.5	80.8	150.2

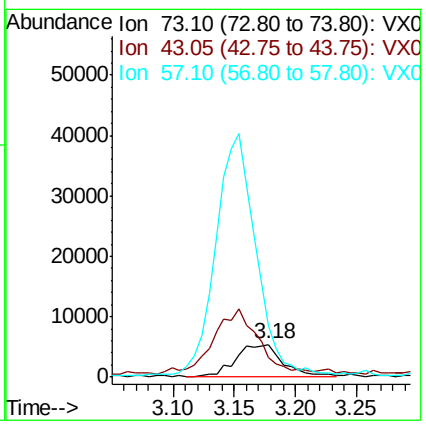


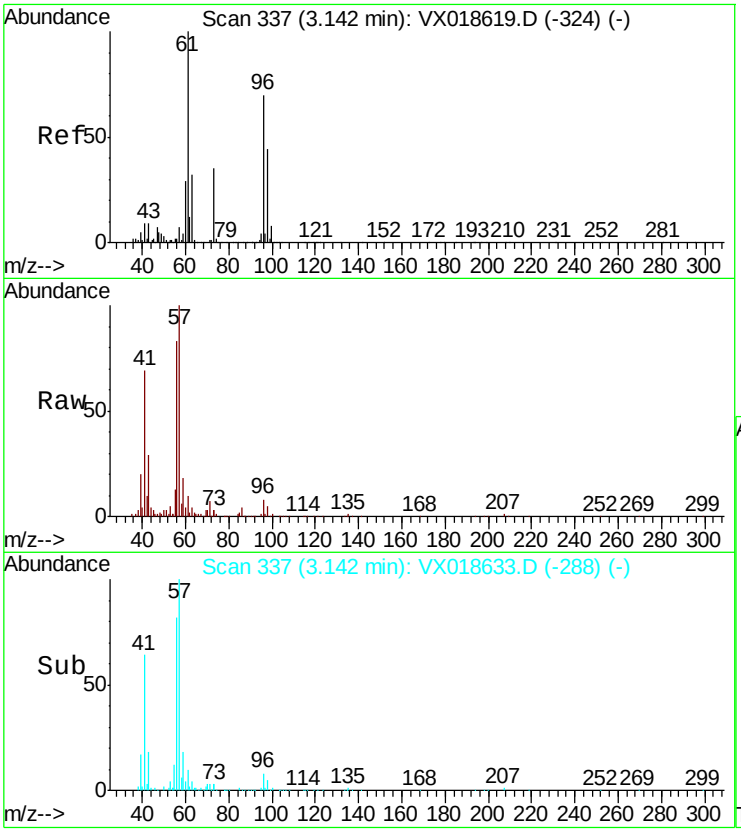


#17
Methyl tert-butyl Ether
Concen: 0.432 ug/L
RT: 3.18 min Scan# 343
Delta R.T. 0.01 min
Lab File: VX018633.D
Acq: 28 Sep 2020 22:33

Tgt Ion: 73 Resp: 14210

Ion	Ratio	Lower	Upper
73	100		
43	189.6	18.6	27.8#
57	660.3	17.3	25.9#



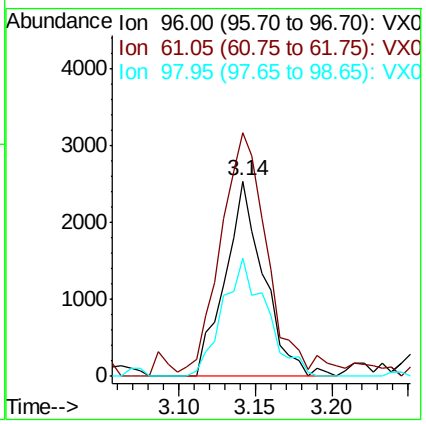


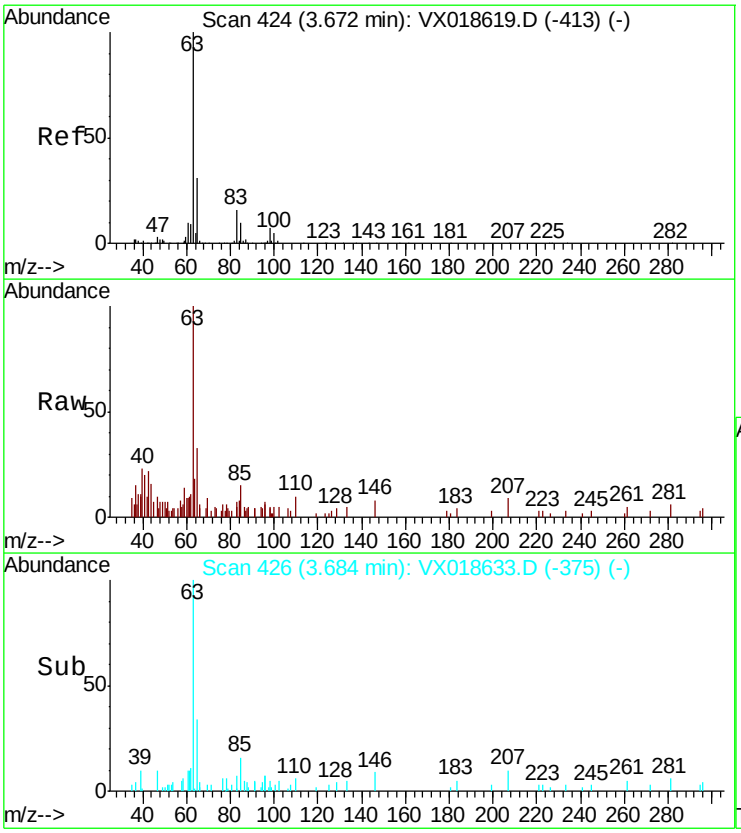
#18
trans-1,2-Dichloroethene
Concen: 0.301 ug/L
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX018633.D
Acq: 28 Sep 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
BG4A8

Tgt Ion: 96 Resp: 4451

Ion	Ratio	Lower	Upper
96	100		
61	124.8	97.3	180.7
98	60.7	46.6	86.6

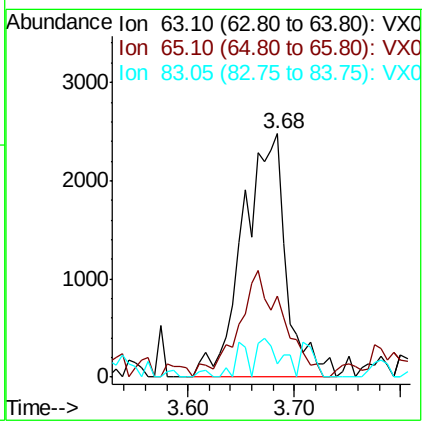


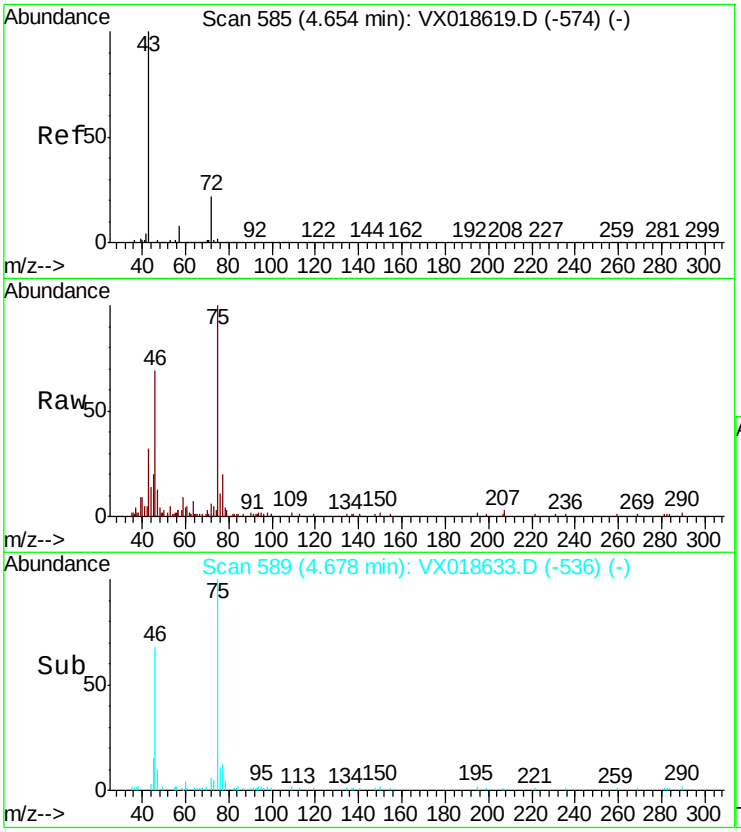


#19
1,1-Dichloroethane
Concen: 0.266 ug/L
RT: 3.68 min Scan# 426
Delta R.T. 0.01 min
Lab File: VX018633.D
Acq: 28 Sep 2020 22:33

Tgt Ion: 63 Resp: 7055

Ion	Ratio	Lower	Upper
63	100		
65	39.2	22.7	42.1
83	5.3	9.3	17.3#



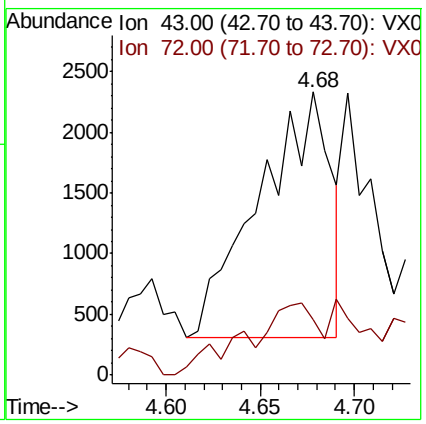


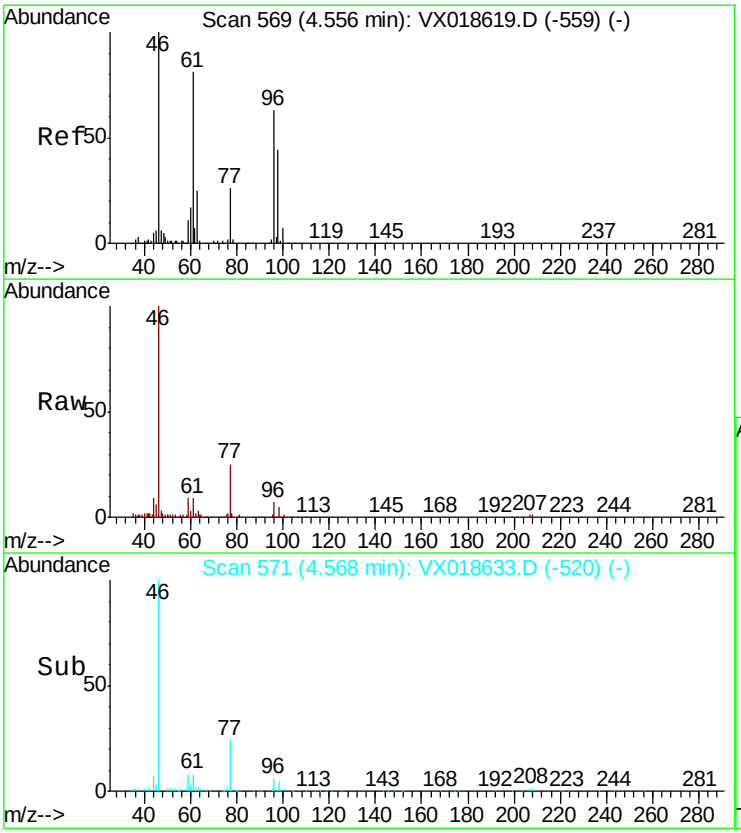
#21
2-Butanone
Concen: 1.496 ug/L
RT: 4.68 min Scan# 589
Delta R.T. 0.02 min
Lab File: VX018633.D
Acq: 28 Sep 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
BG4A8

Tgt Ion: 43 Resp: 5308

Ion	Ratio	Lower	Upper
43	100		
72	29.8	5.2	15.6#

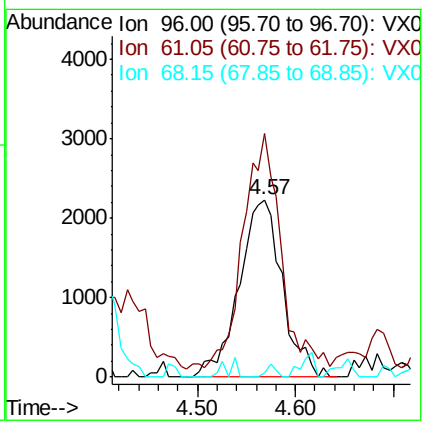


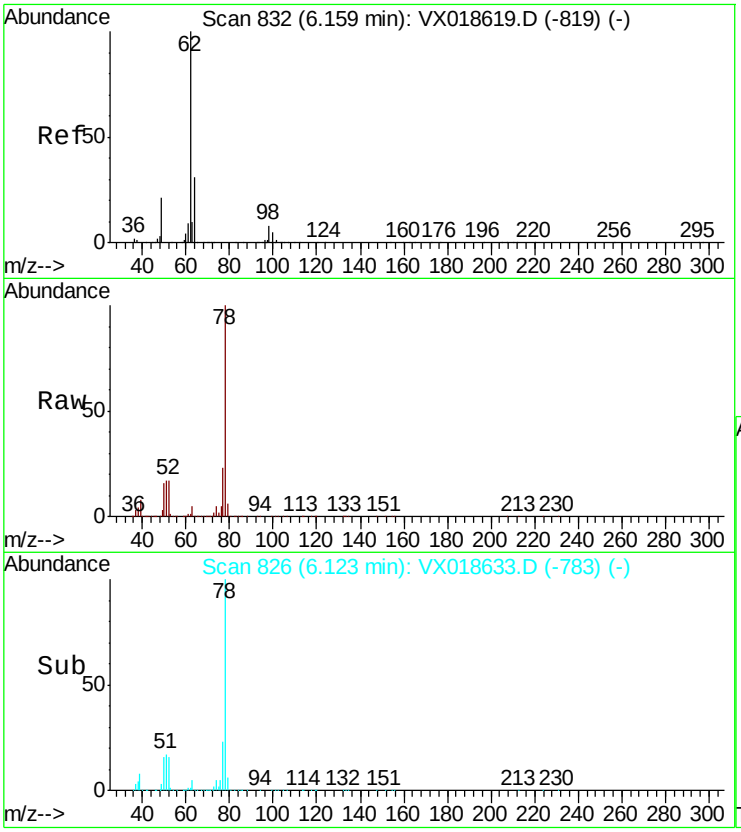


#22
cis-1,2-Dichloroethene
Concen: 0.442 ug/L
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX018633.D
Acq: 28 Sep 2020 22:33

Tgt Ion: 96 Resp: 6804

Ion	Ratio	Lower	Upper
96	100		
61	137.2	87.7	162.9
68	2.4	0.3	0.7#



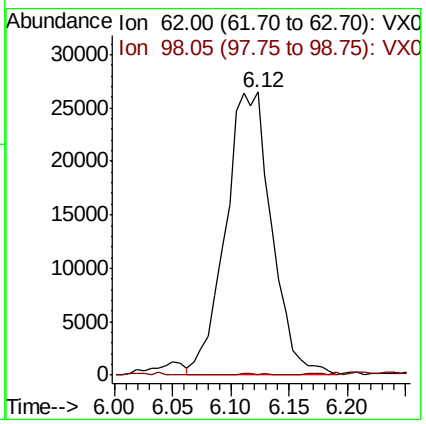


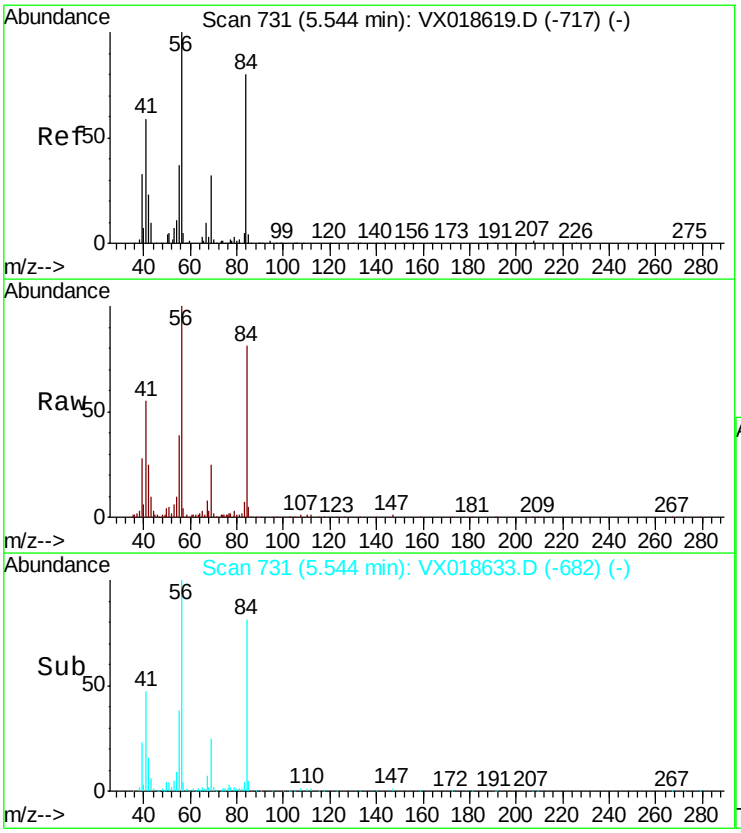
#27
1,2-Dichloroethane
Concen: 3.975 ug/L
RT: 6.12 min Scan# 826
Delta R.T. -0.04 min
Lab File: VX018633.D
Acq: 28 Sep 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
BG4A8

Tgt Ion: 62 Resp: 72790

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.0	10.4#

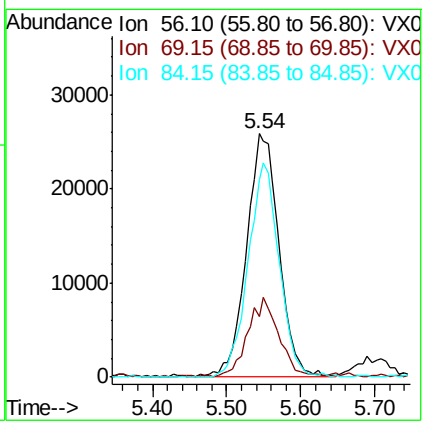


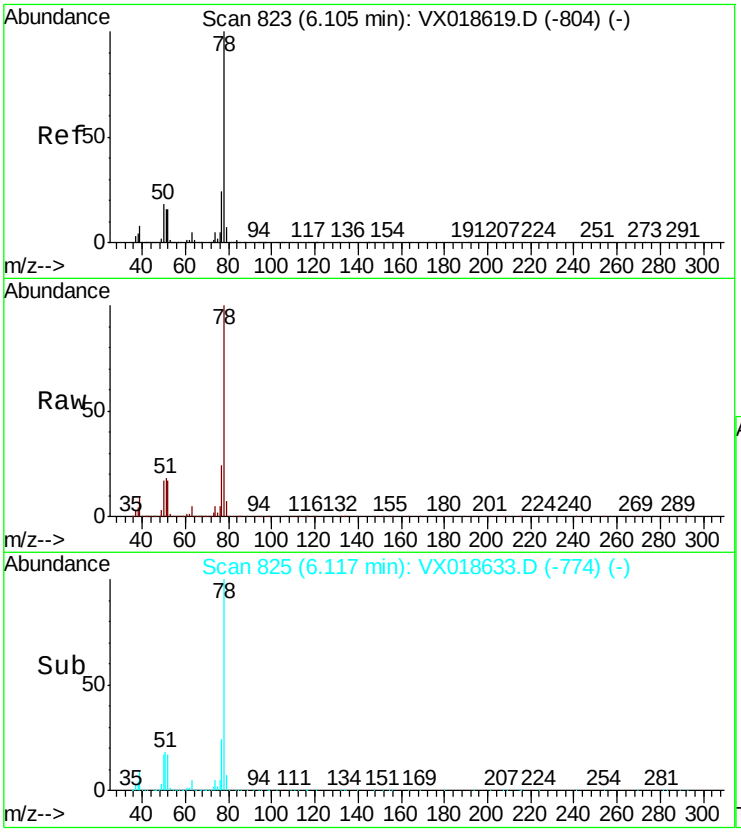


#30
Cyclohexane
Concen: 3.680 ug/L
RT: 5.54 min Scan# 731
Delta R.T. 0.00 min
Lab File: VX018633.D
Acq: 28 Sep 2020 22:33

Tgt Ion: 56 Resp: 78540

Ion	Ratio	Lower	Upper
56	100		
69	31.0	26.4	39.6
84	84.5	72.7	109.1

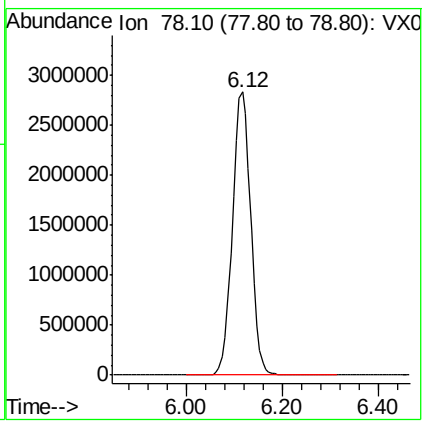


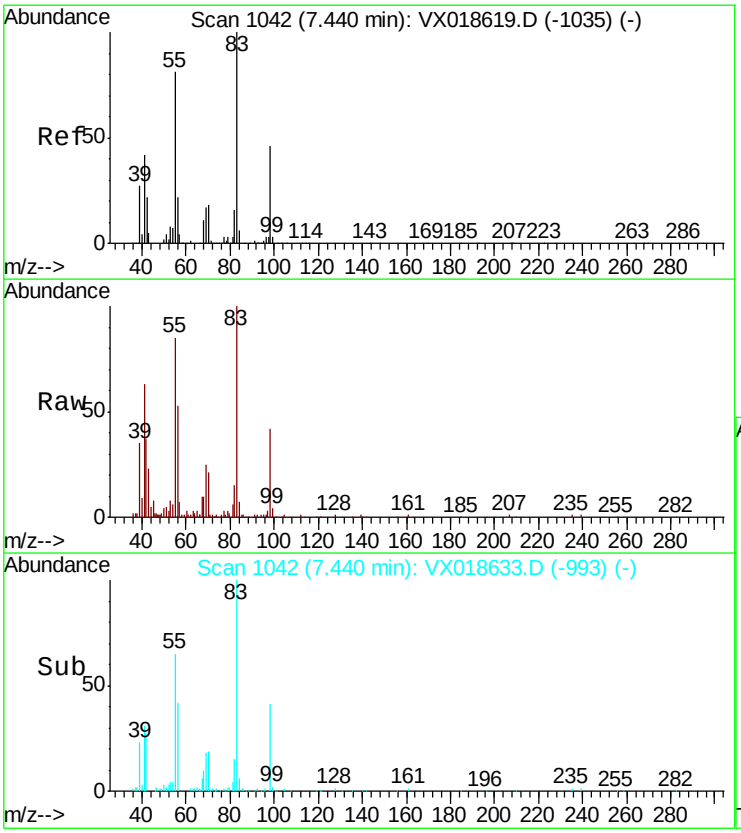


#33
Benzene
Concen: 137.874 ug/L
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018633.D
Acq: 28 Sep 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
BG4A8

Tgt Ion: 78 Resp: 7486765

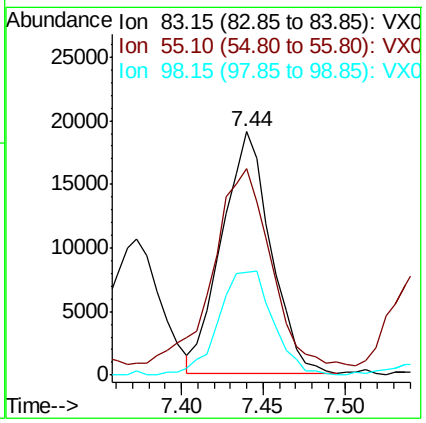


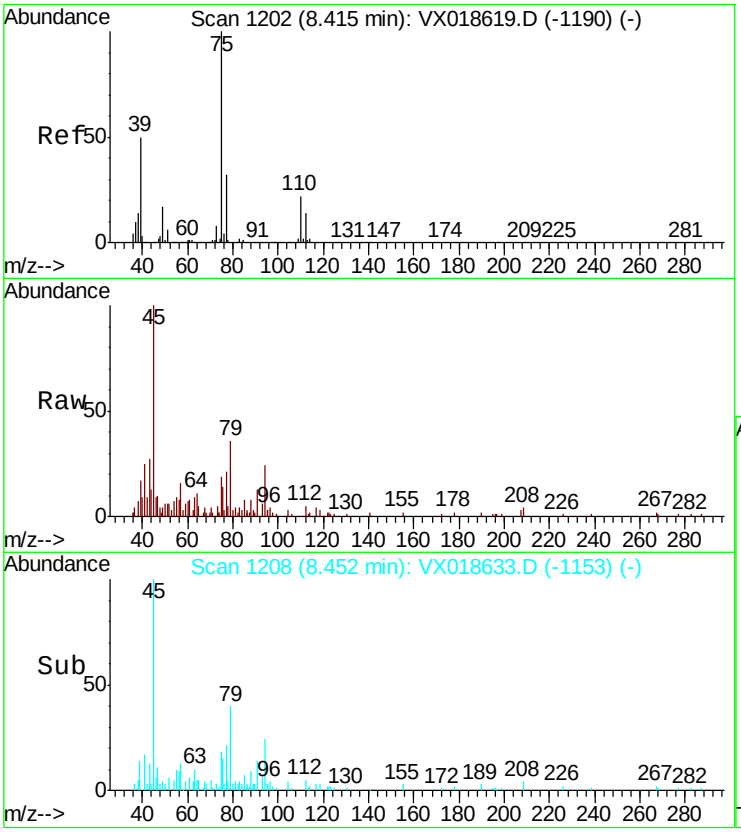


#35
Methylcyclohexane
Concen: 1.810 ug/L
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018633.D
Acq: 28 Sep 2020 22:33

Tgt Ion: 83 Resp: 39563

Ion	Ratio	Lower	Upper
83	100		
55	105.3	67.4	101.0#
98	47.9	41.1	61.7



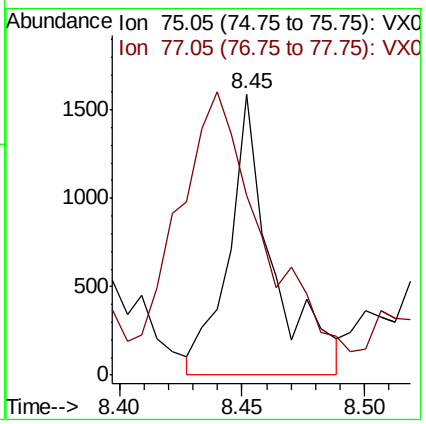


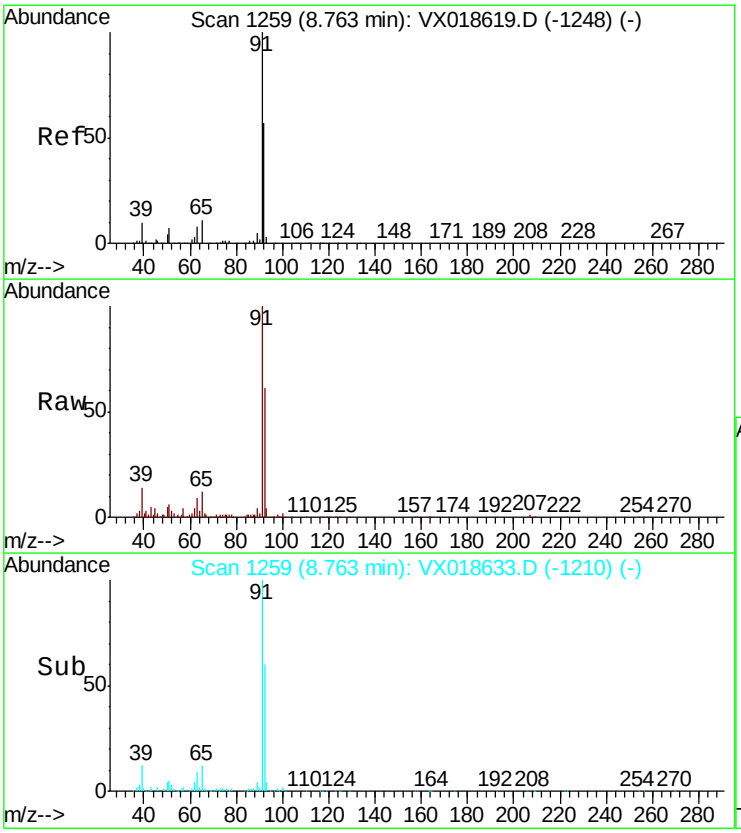
#39
cis-1,3-Dichloropropene
Concen: 0.096 ug/L
RT: 8.45 min Scan# 1208
Delta R.T. 0.04 min
Lab File: VX018633.D
Acq: 28 Sep 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
BG4A8

Tgt Ion: 75 Resp: 1975

Ion	Ratio	Lower	Upper
75	100		
77	64.1	23.0	42.8#

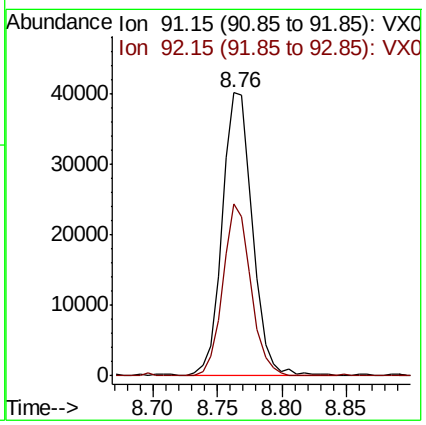


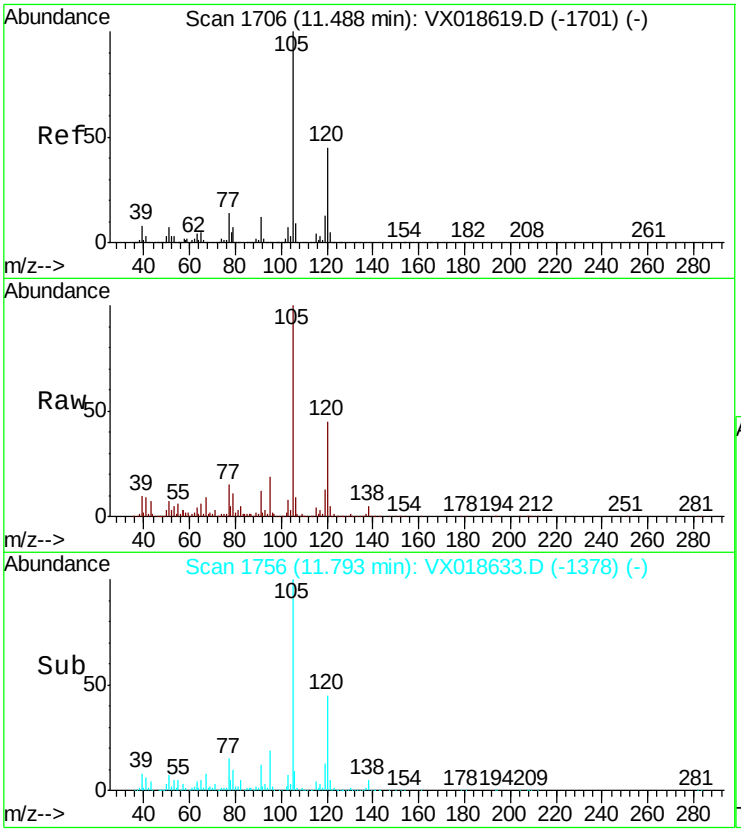


#42
Toluene
Concen: 1.119 ug/L
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX018633.D
Acq: 28 Sep 2020 22:33

Tgt Ion: 91 Resp: 65630

Ion	Ratio	Lower	Upper
91	100		
92	60.6	41.1	76.3



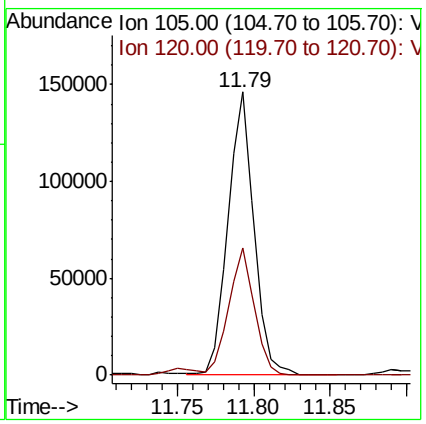


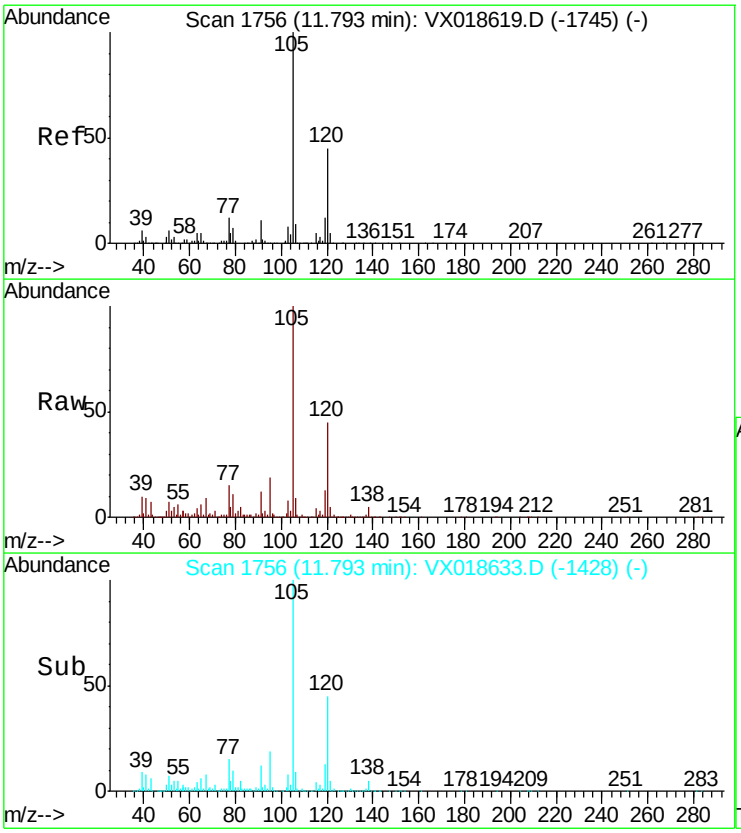
#43
1,3,5-Trimethylbenzene
Concen: 3.326 ug/L
RT: 11.79 min Scan# 1756
Delta R.T. 0.30 min
Lab File: VX018633.D
Acq: 28 Sep 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
BG4A8

Tgt Ion:105 Resp: 170540

Ion	Ratio	Lower	Upper
105	100		
120	44.6	37.2	55.8

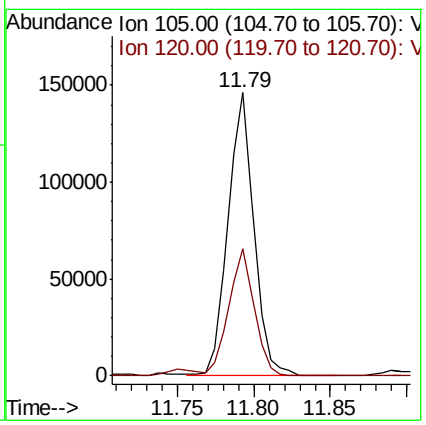


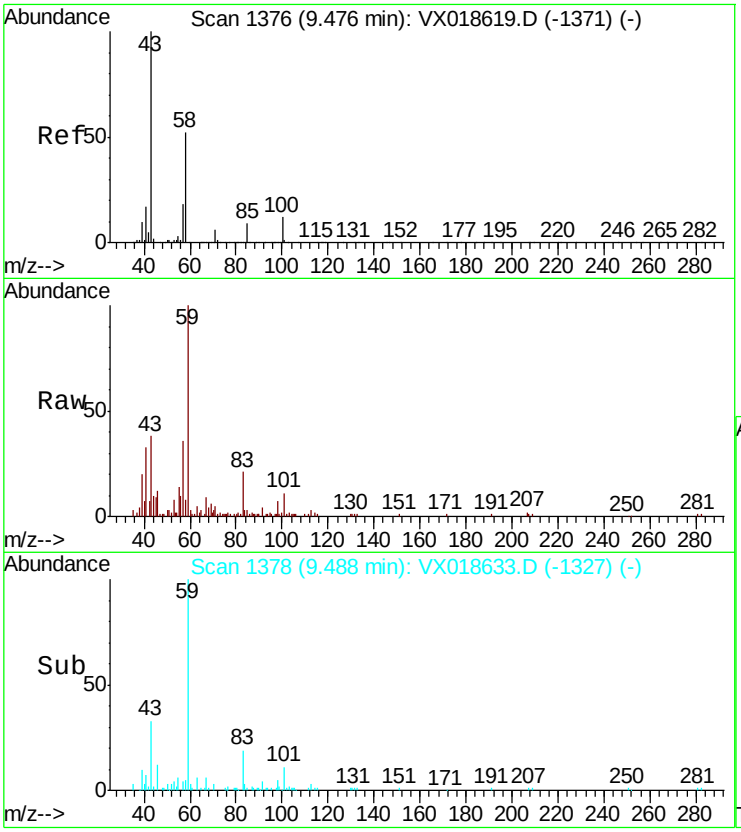


#44
1,2,4-Trimethylbenzene
Concen: 3.324 ug/L
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018633.D
Acq: 28 Sep 2020 22:33

Tgt Ion:105 Resp: 170540

Ion	Ratio	Lower	Upper
105	100		
120	44.6	36.8	55.2



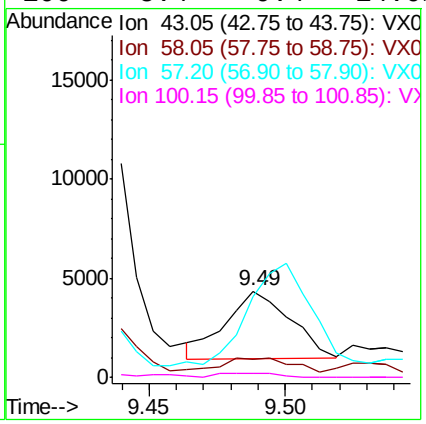


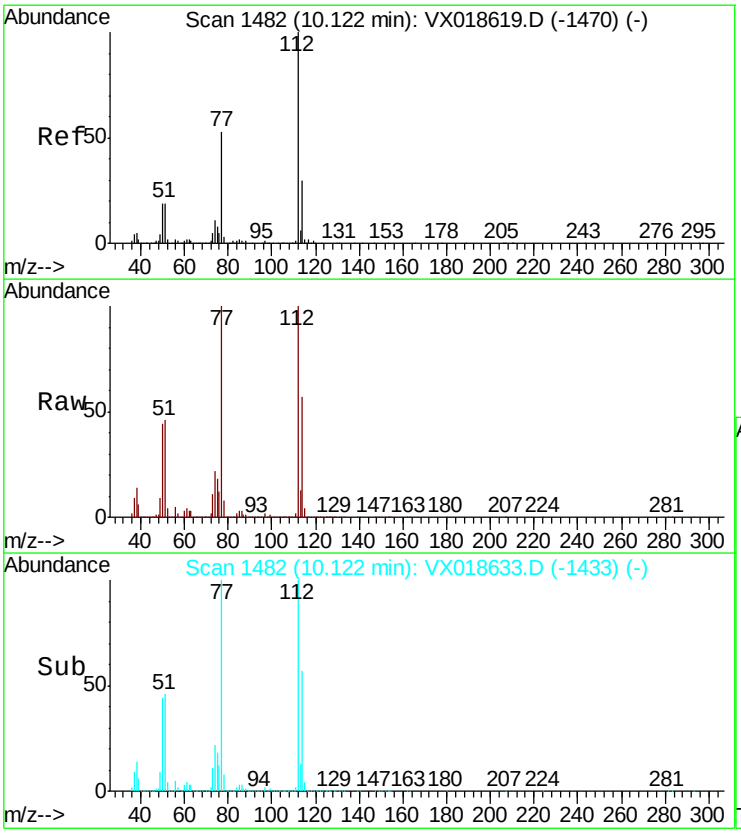
#50
2-Hexanone
Concen: 0.973 ug/L
RT: 9.49 min Scan# 1378
Delta R.T. 0.01 min
Lab File: VX018633.D
Acq: 28 Sep 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
BG4A8

Tgt Ion: 43 Resp: 5532

Ion	Ratio	Lower	Upper
43	100		
58	31.8	42.5	63.7#
57	175.8	15.9	23.9#
100	5.4	9.4	14.0#

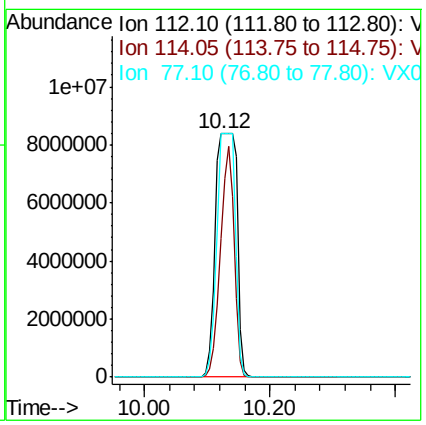


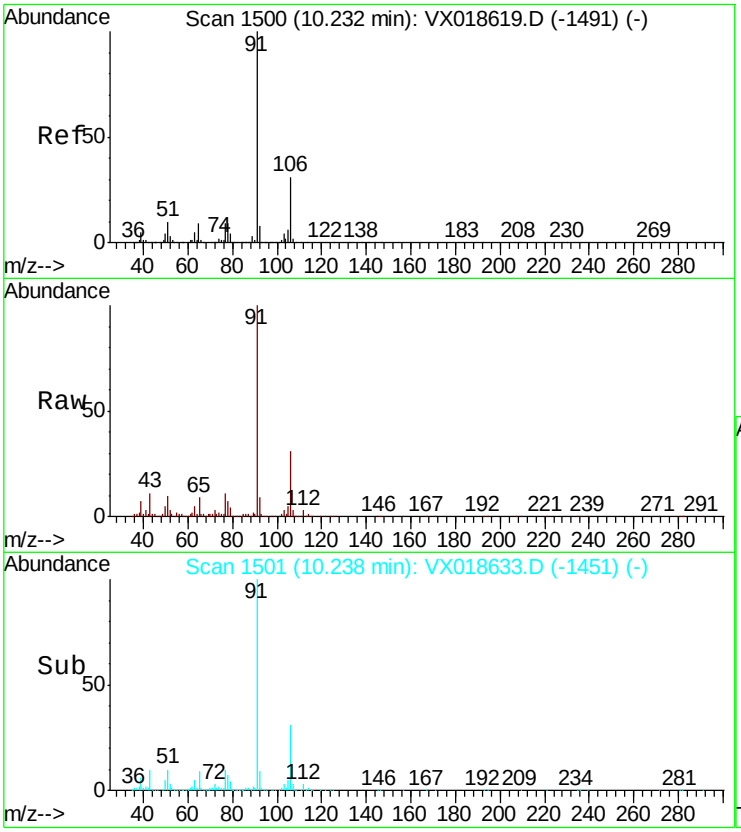


#53
Chlorobenzene
Concen: 516.587 ug/L
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018633.D
Acq: 28 Sep 2020 22:33

Tgt Ion:112 Resp:20015861

Ion	Ratio	Lower	Upper
112	100		
114	57.0	20.6	38.4#
77	100.0	46.6	69.8#



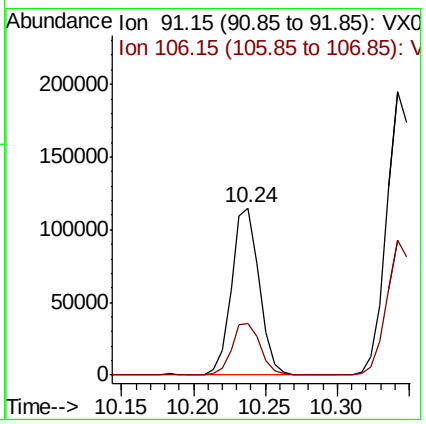


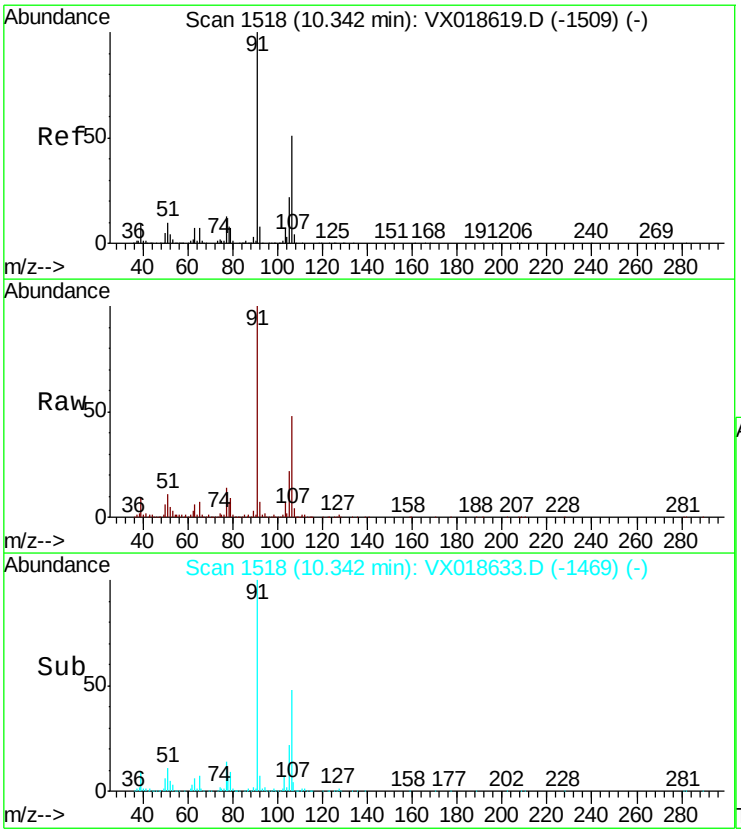
#54
Ethylbenzene
Concen: 2.420 ug/L
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX018633.D
Acq: 28 Sep 2020 22:33

Instrument : MSVOA_X
ClientSampleId : BG4A8

Tgt Ion: 91 Resp: 154618

Ion	Ratio	Lower	Upper
91	100		
106	31.2	21.0	39.0

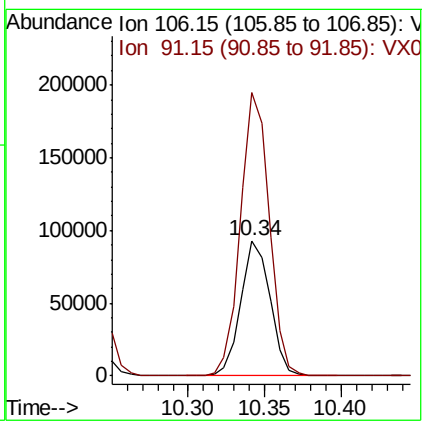


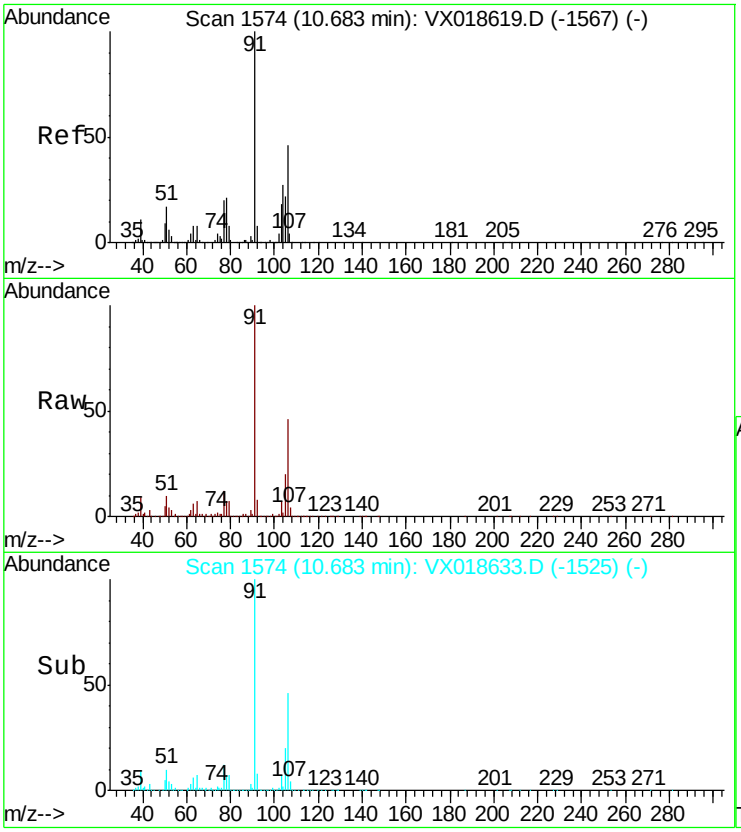


#55
m,p-xylene
Concen: 5.070 ug/L
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018633.D
Acq: 28 Sep 2020 22:33

Tgt Ion:106 Resp: 123854

Ion	Ratio	Lower	Upper
106	100		
91	209.5	140.3	260.6



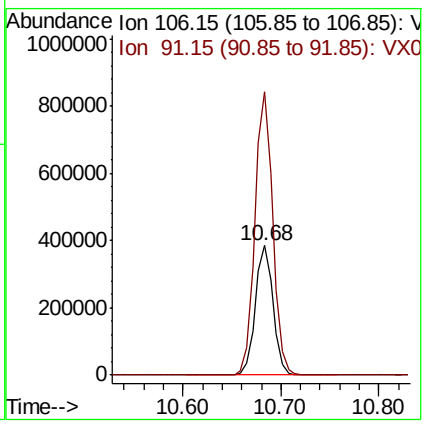


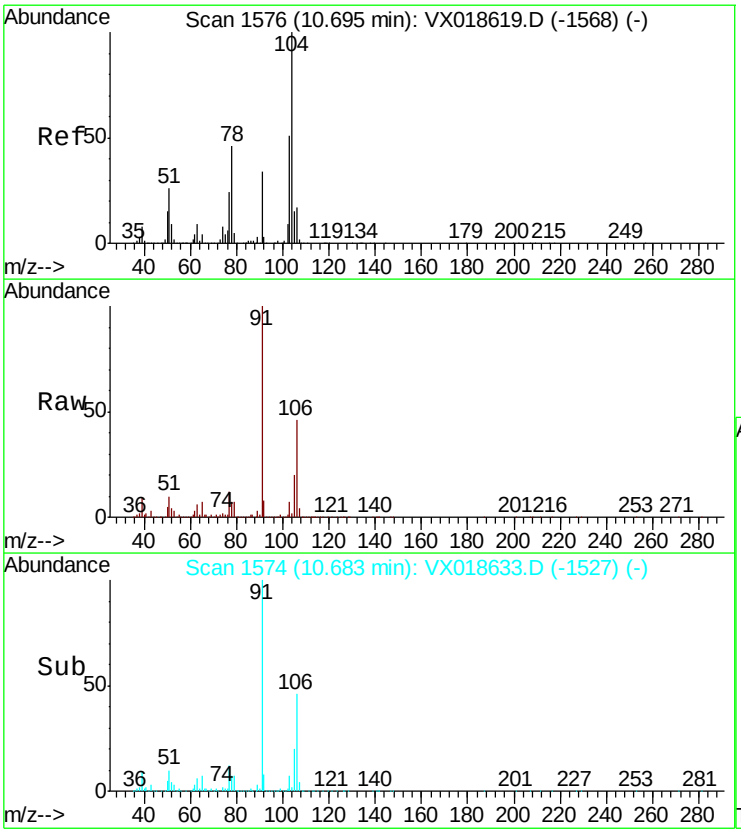
#56
o-xylene
Concen: 20.861 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018633.D
Acq: 28 Sep 2020 22:33

Instrument : MSVOA_X
ClientSampleId : BG4A8

Tgt Ion:106 Resp: 481531

Ion	Ratio	Lower	Upper
106	100		
91	218.7	167.5	311.1

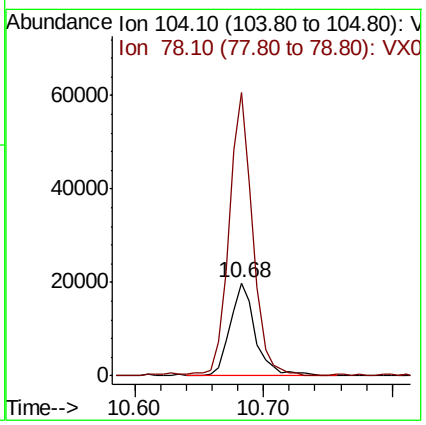


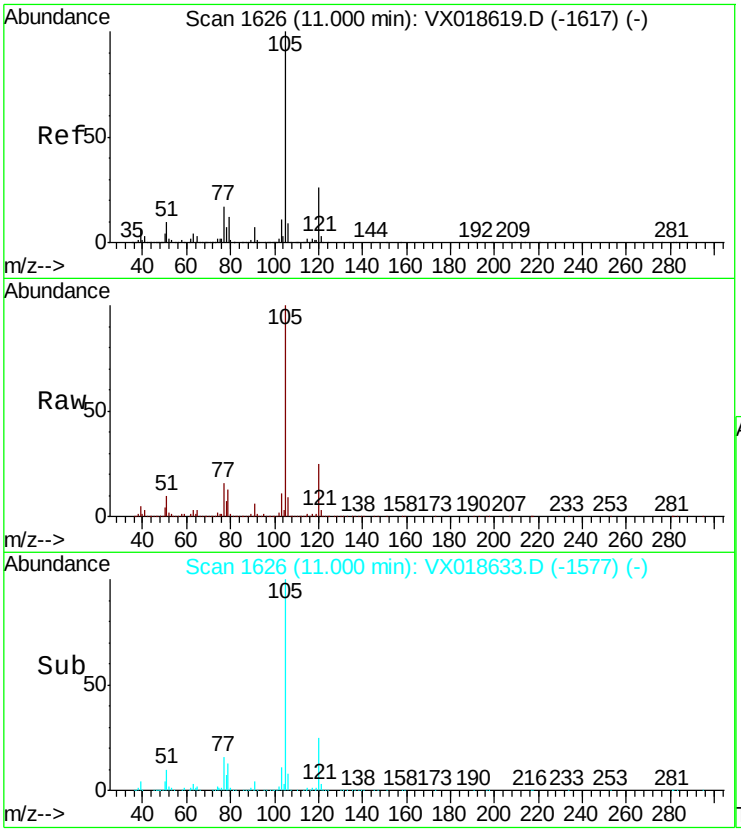


#57
Styrene
Concen: 0.728 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. -0.01 min
Lab File: VX018633.D
Acq: 28 Sep 2020 22:33

Tgt Ion:104 Resp: 27740

Ion	Ratio	Lower	Upper
104	100		
78	303.8	33.3	61.9#



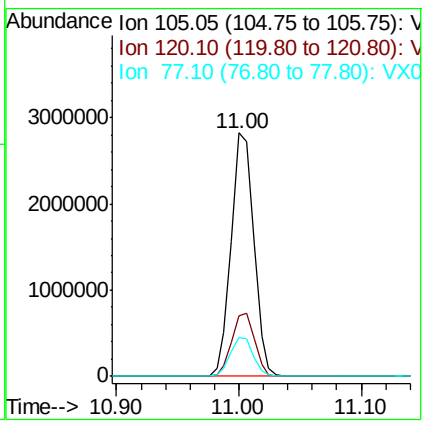


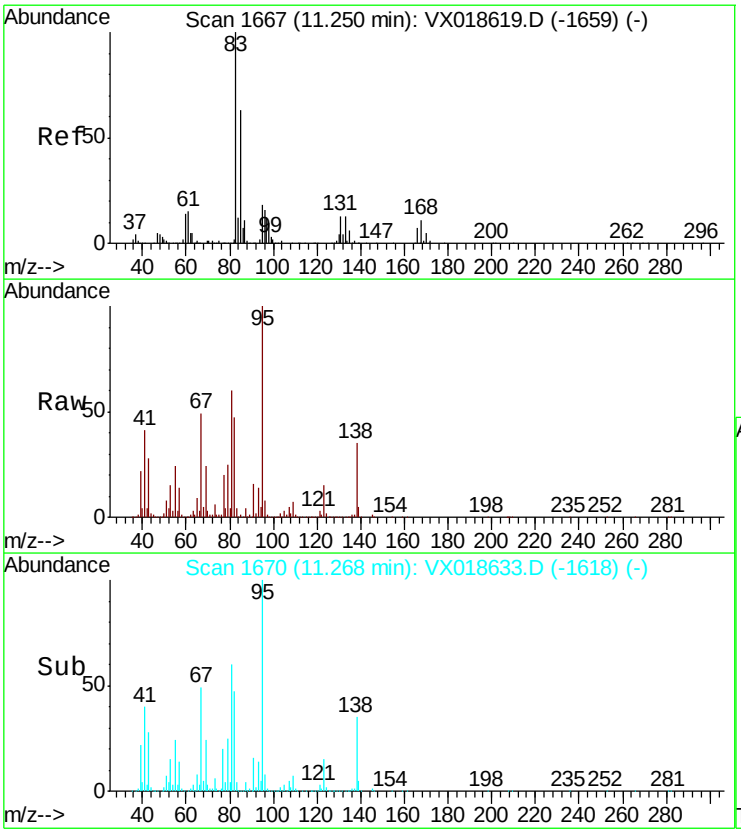
#58
Isopropylbenzene
Concen: 58.215 ug/L
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018633.D
Acq: 28 Sep 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
BG4A8

Tgt Ion:105 Resp: 3602977

Ion	Ratio	Lower	Upper
105	100		
120	26.1	21.2	31.8
77	16.1	13.3	19.9

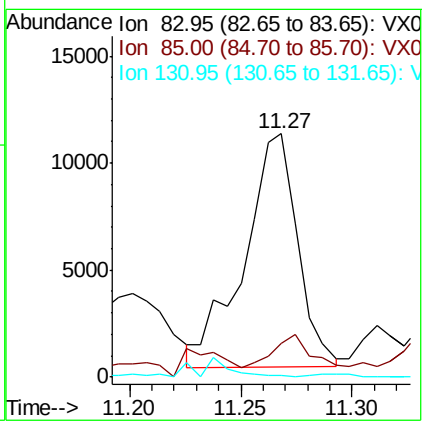


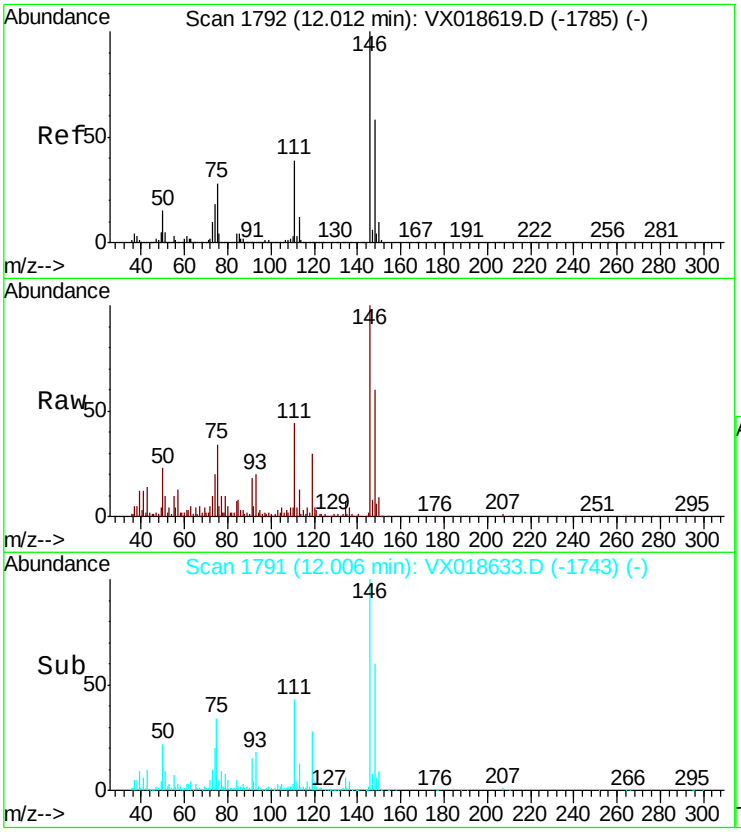


#60
1,1,2,2-Tetrachloroethane
Concen: 1.558 ug/L
RT: 11.27 min Scan# 1670
Delta R.T. 0.02 min
Lab File: VX018633.D
Acq: 28 Sep 2020 22:33

Tgt Ion: 83 Resp: 18293

Ion	Ratio	Lower	Upper
83	100		
85	13.9	48.5	90.1#
131	0.7	7.8	11.6#



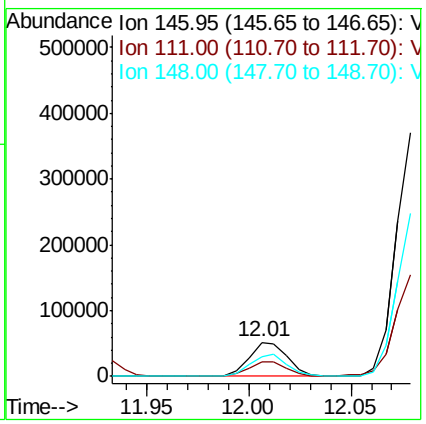


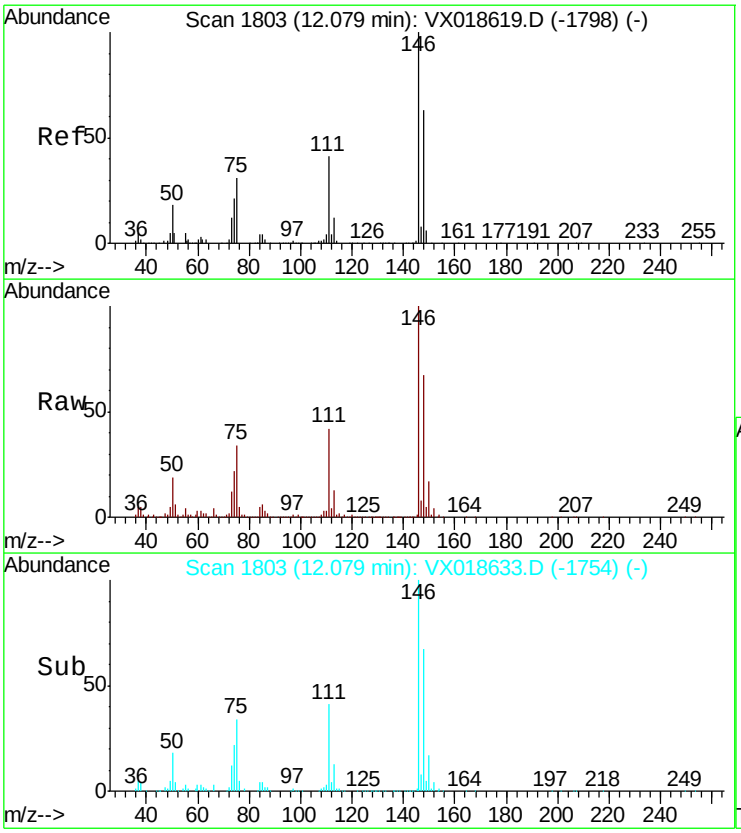
#63
1,3-Dichlorobenzene
Concen: 2.157 ug/L
RT: 12.01 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX018633.D
Acq: 28 Sep 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
BG4A8

Tgt Ion:146 Resp: 67581

Ion	Ratio	Lower	Upper
146	100		
111	43.8	26.7	49.7
148	59.8	44.4	82.5

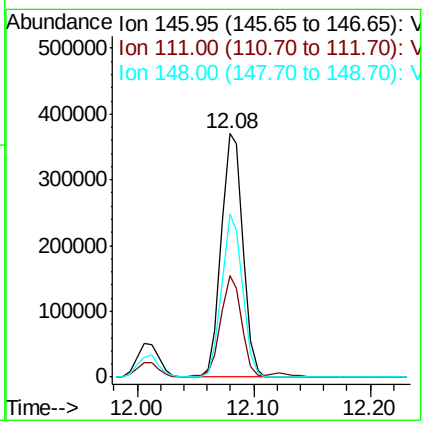


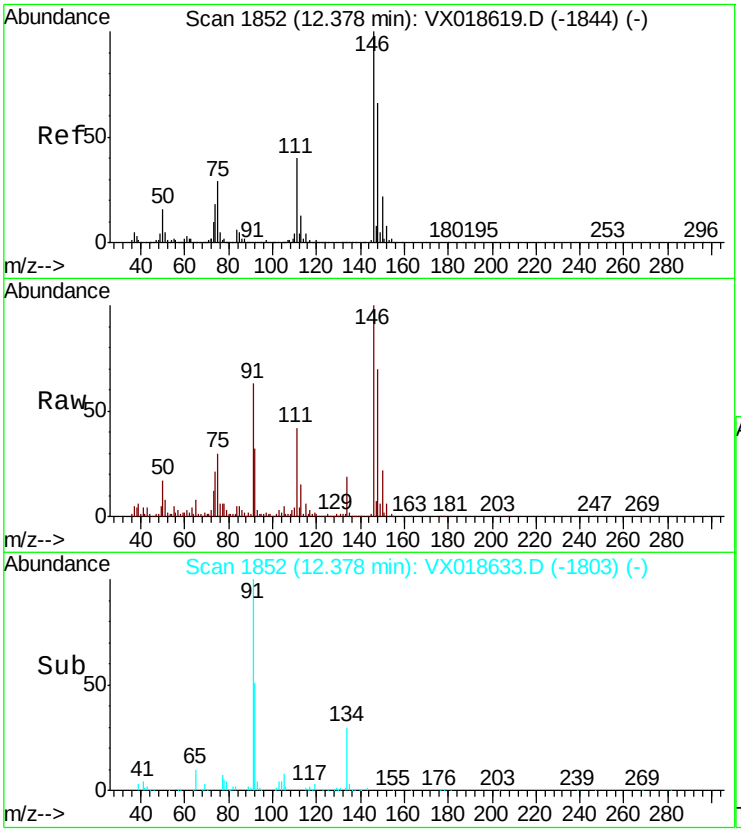


#64
1,4-Dichlorobenzene
Concen: 14.947 ug/L
RT: 12.08 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VX018633.D
Acq: 28 Sep 2020 22:33

Tgt Ion:146 Resp: 473063

Ion	Ratio	Lower	Upper
146	100		
111	41.8	28.8	53.4
148	67.0	44.9	83.3



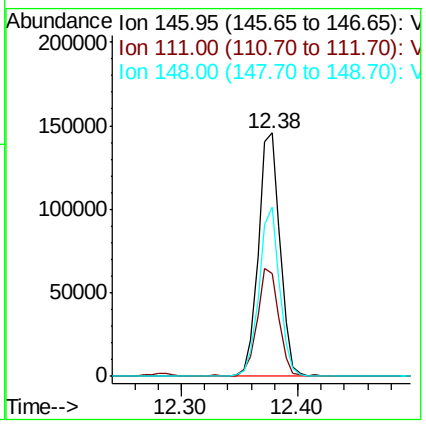


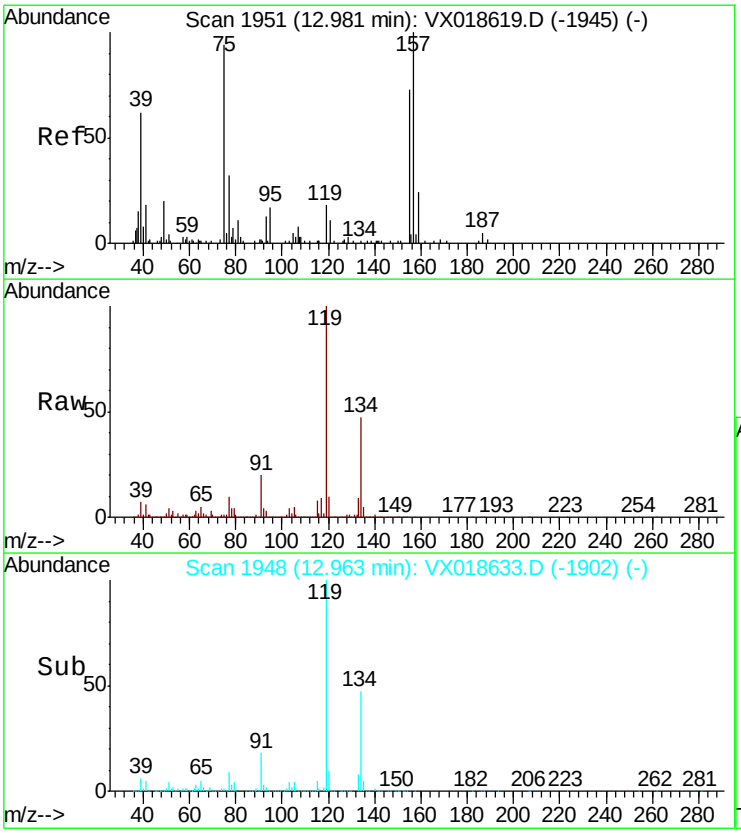
#66
1,2-Dichlorobenzene
Concen: 6.451 ug/L
RT: 12.38 min Scan# 1852
Delta R.T. 0.00 min
Lab File: VX018633.D
Acq: 28 Sep 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
BG4A8

Tgt Ion:146 Resp: 188314

Ion	Ratio	Lower	Upper
146	100		
111	42.0	33.6	50.4
148	69.5	53.4	80.2

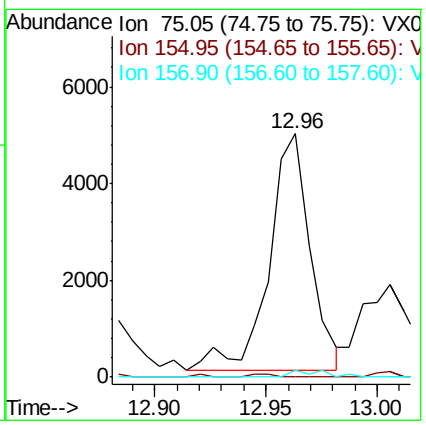


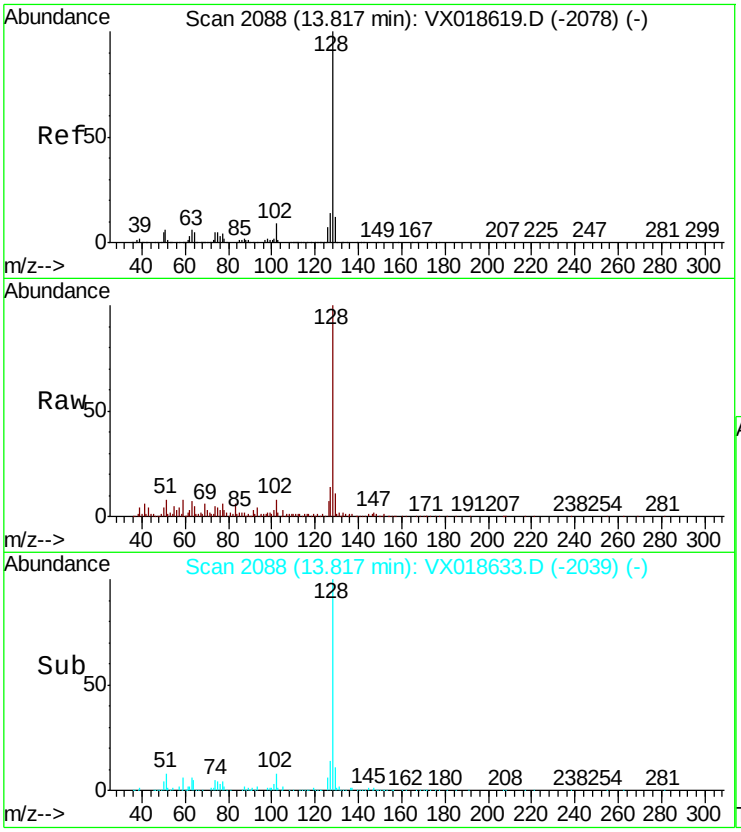


#67
1,2-Dibromo-3-chloropropane
Concen: 2.533 ug/L
RT: 12.96 min Scan# 1948
Delta R.T. -0.02 min
Lab File: VX018633.D
Acq: 28 Sep 2020 22:33

Tgt Ion: 75 Resp: 6286

Ion	Ratio	Lower	Upper
75	100		
155	0.0	54.6	81.8#
157	2.8	73.5	110.3#





#70
Naphthalene
Concen: 3.346 ug/L
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018633.D
Acq: 28 Sep 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
BG4A8

Tgt Ion:128 Resp: 109061

Ion	Ratio	Lower	Upper
128	100		
129	13.6	8.8	13.2#
127	13.5	10.7	16.1