Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100520\
Data File : VX018764.D
Acq On : 05 Oct 2020 14:26
Operator : JC/SP
Sample : L4239-02DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3N0DL

Quant Time: Oct 06 01:57:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 06 01:36:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	165295	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	156341	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	79300	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	41514	4.30	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.00%			
7) Chloroethane-d5	1.70	69	35278	4.67	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.40%			
11) 1,1-Dichloroethene-d2	2.34	63	70050	3.22	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.40%			
20) 2-Butanone-d5	4.55	46	136472	53.88	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.76%			
24) Chloroform-d	5.14	84	97835	4.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.80%			
26) 1,2-Dichloroethane-d4	6.03	65	55259	3.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.40%			
32) Benzene-d6	6.04	84	188164	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
36) 1,2-Dichloropropane-d6	7.37	67	56472	5.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.60%			
41) Toluene-d8	8.70	98	169308	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.40%			
45) trans-1,3-Dichloropropene-	8.99	79	25561	4.23	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.60%			
48) 2-Hexanone-d5	9.43	63	110685	54.65	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.30%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	45440	4.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.40%			
65) 1,2-Dichlorobenzene-d4	12.36	152	74953	5.12	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.40%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.36	96	3835	0.466	ug/L #	1
16) Methylene chloride	2.83	84	5856	0.587	ug/L #	76
18) trans-1,2-Dichloroethene	3.14	96	945	0.107	ug/L	97
19) 1,1-Dichloroethane	3.67	63	28529	1.820	ug/L	97
21) 2-Butanone	4.65	43	1885	0.936	ug/L	99
22) cis-1,2-Dichloroethene	4.56	96	212189	23.337	ug/L #	96
29) 1,1,1-Trichloroethane	5.46	97	511404	27.651	ug/L	100
30) Cyclohexane	5.55	56	79654	6.210	ug/L	98
34) Trichloroethene	7.18	95	8922	0.923	ug/L	97
42) Toluene	8.76	91	4742724	132.387	ug/L	97
53) Chlorobenzene	10.12	112	9385	0.383	ug/L	97
54) Ethylbenzene	10.23	91	214042	5.330	ug/L	99
55) m,p-xylene	10.34	106	320323	20.449	ug/L	91
56) o-xylene	10.68	106	160377	11.079	ug/L	91
58) Isopropylbenzene	11.00	105	74772	1.845	ug/L	98
63) 1,3-Dichlorobenzene	12.01	146	3837	0.199	ug/L	91
64) 1,4-Dichlorobenzene	12.08	146	20137	1.048	ug/L	97

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100520\
Data File : VX018764.D
Acq On : 05 Oct 2020 14:26
Operator : JC/SP
Sample : L4239-02DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3N0DL

Quant Time: Oct 06 01:57:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 06 01:36:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) 1,2-Dichlorobenzene	12.37	146	10415	0.579	ug/L #	91
69) 1,2,4-trichlorobenzene	13.63	180	12361	1.004	ug/L	96
71) 1,2,3-Trichlorobenzene	14.00	180	4626	0.417	ug/L	96

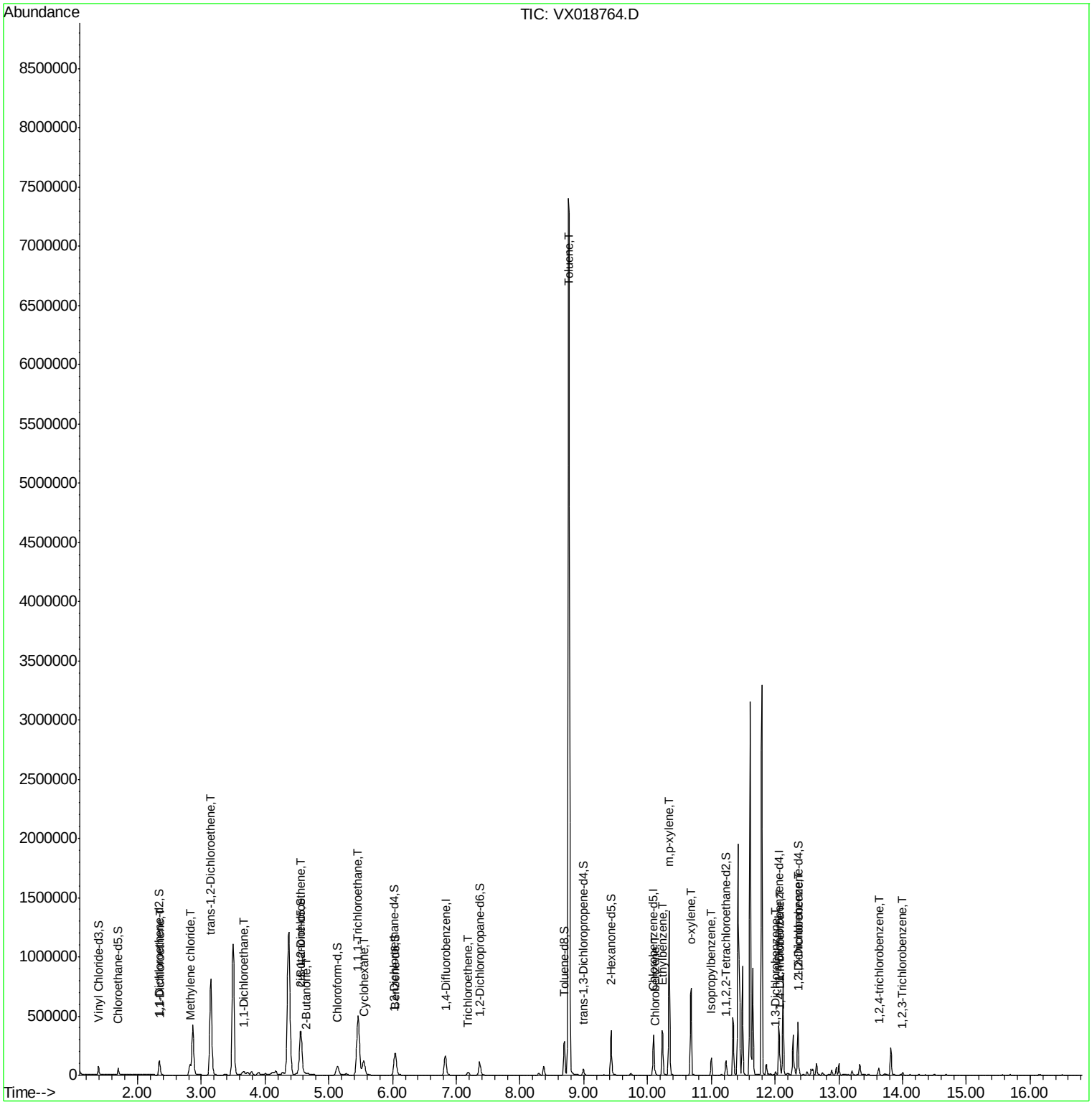
(#) = qualifier out of range (m) = manual integration (+) = signals summed

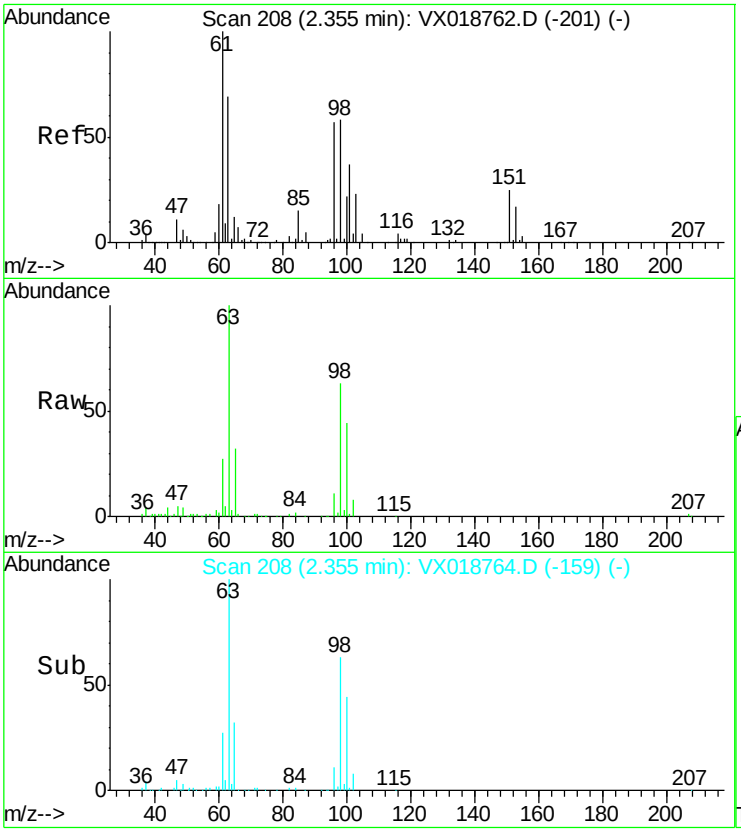
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100520\
Data File : VX018764.D
Acq On : 05 Oct 2020 14:26
Operator : JC/SP
Sample : L4239-02DL 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG3N0DL

Quant Time: Oct 06 01:57:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 06 01:36:50 2020
Response via : Initial Calibration



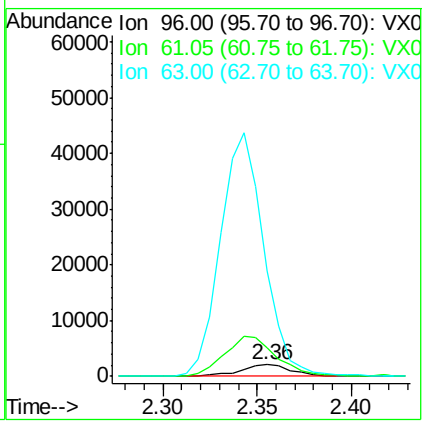


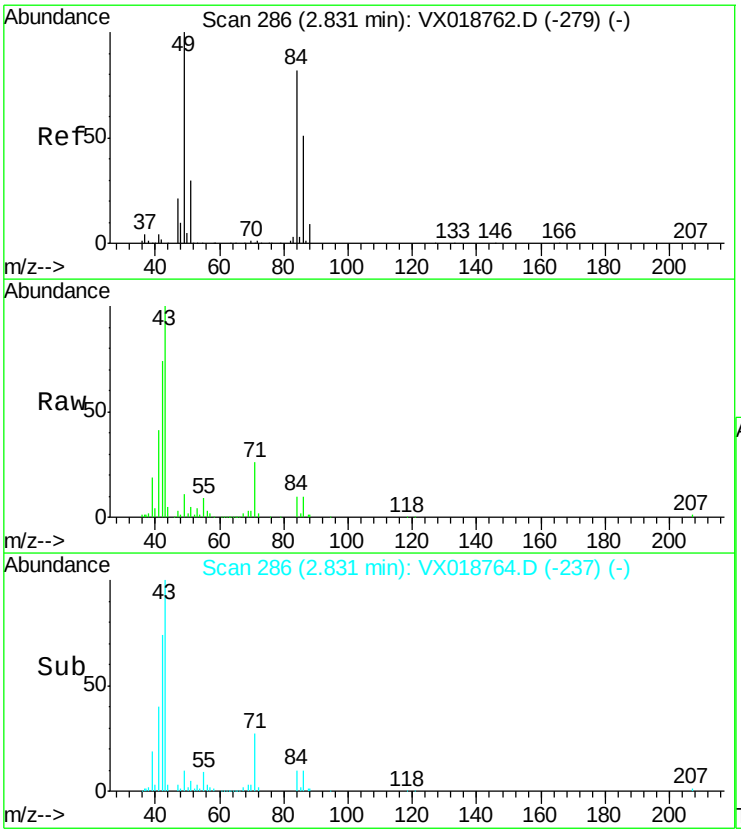
#12
1,1-Dichloroethene
Concen: 0.466 ug/L
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX018764.D
Acq: 05 Oct 2020 14:26

Instrument : MSVOA_X
ClientSampleId : BG3N0DL

Tgt Ion: 96 Resp: 3835

Ion	Ratio	Lower	Upper
96	100		
61	245.8	133.2	247.4
63	909.6	115.1	213.7#

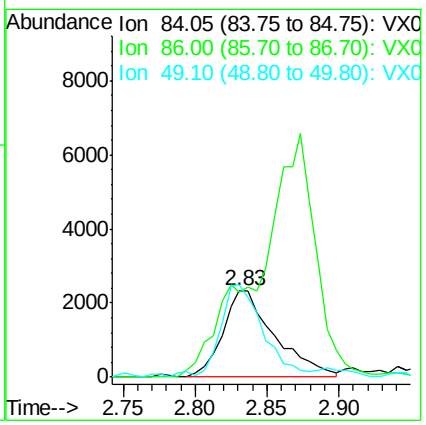


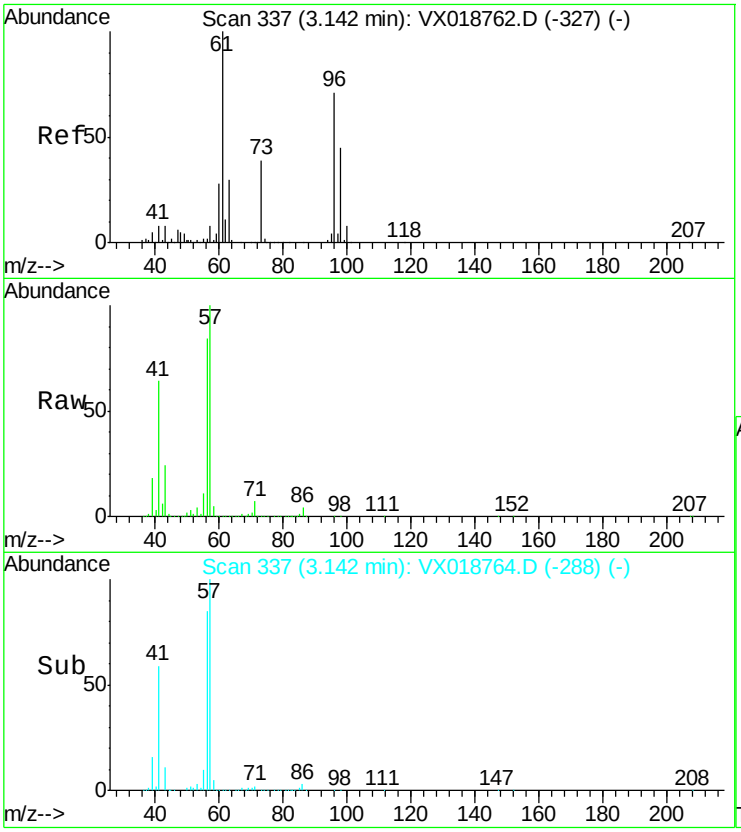


#16
Methylene chloride
Concen: 0.587 ug/L
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018764.D
Acq: 05 Oct 2020 14:26

Tgt Ion: 84 Resp: 5856

Ion	Ratio	Lower	Upper
84	100		
86	98.6	45.6	84.8#
49	107.1	85.8	159.3



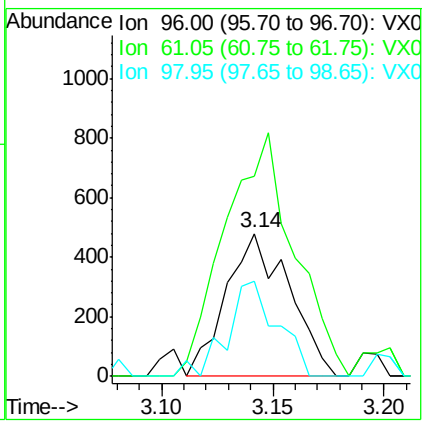


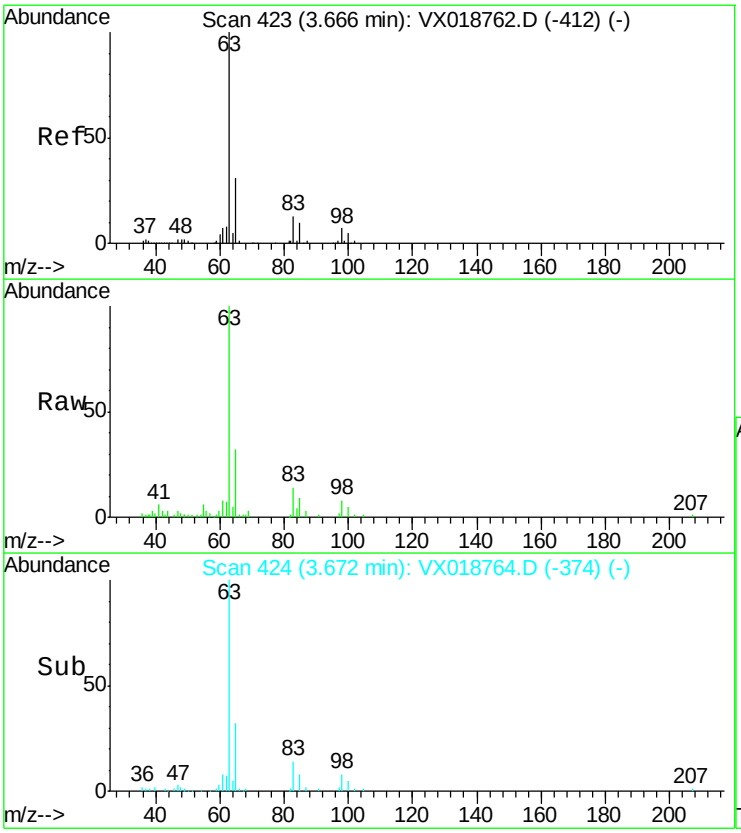
#18
trans-1,2-Dichloroethene
Concen: 0.107 ug/L
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX018764.D
Acq: 05 Oct 2020 14:26

Instrument :
MSVOA_X
ClientSampleId :
BG3N0DL

Tgt Ion: 96 Resp: 945

Ion	Ratio	Lower	Upper
96	100		
61	140.5	97.6	181.4
98	66.6	43.1	80.1

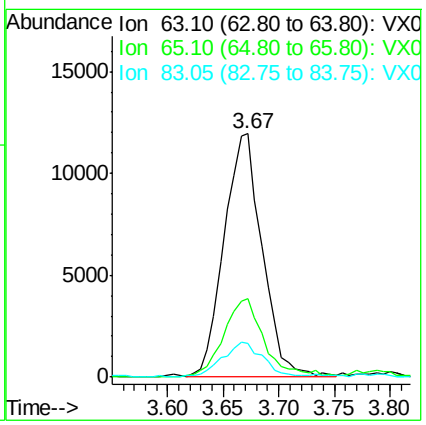


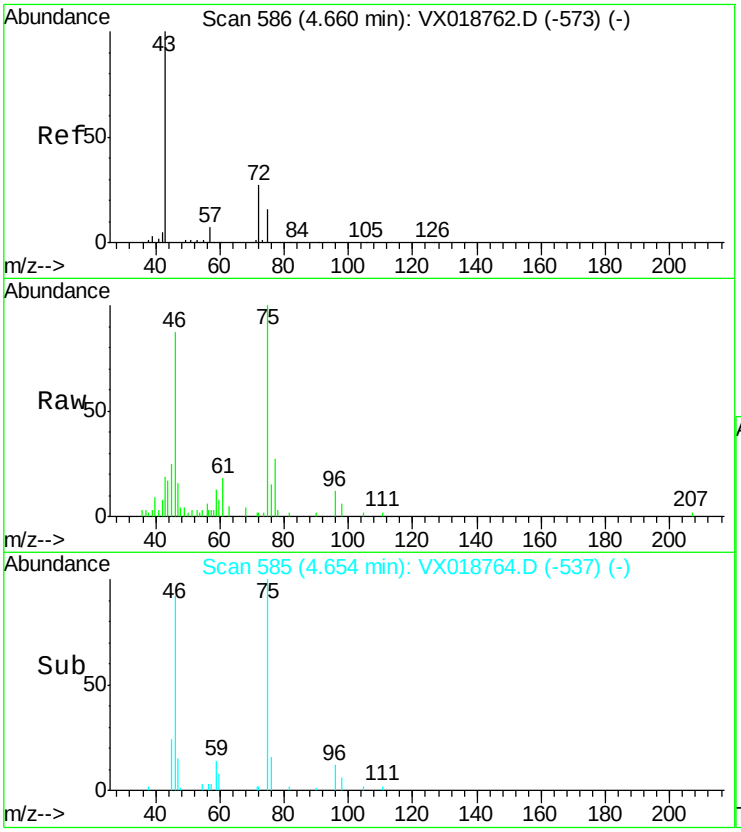


#19
1,1-Dichloroethane
Concen: 1.820 ug/L
RT: 3.67 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX018764.D
Acq: 05 Oct 2020 14:26

Tgt Ion: 63 Resp: 28529

Ion	Ratio	Lower	Upper
63	100		
65	32.2	21.6	40.2
83	13.9	8.7	16.1



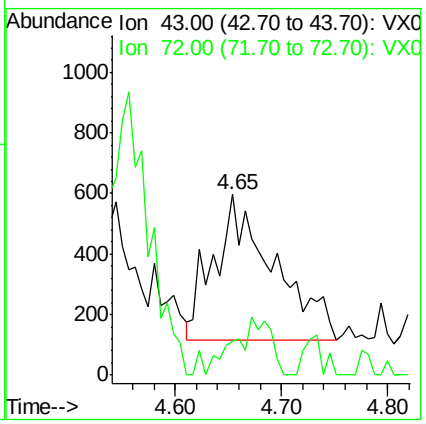


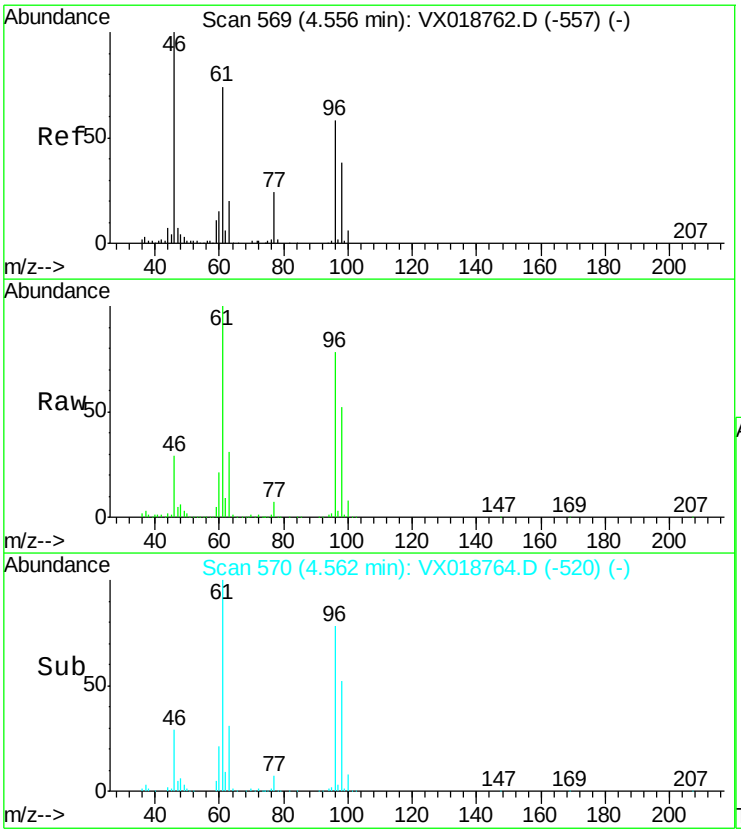
#21
2-Butanone
Concen: 0.936 ug/L
RT: 4.65 min Scan# 585
Delta R.T. -0.01 min
Lab File: VX018764.D
Acq: 05 Oct 2020 14:26

Instrument :
MSVOA_X
ClientSampleId :
BG3N0DL

Tgt Ion: 43 Resp: 1885

Ion	Ratio	Lower	Upper
43	100		
72	24.4	12.4	37.2

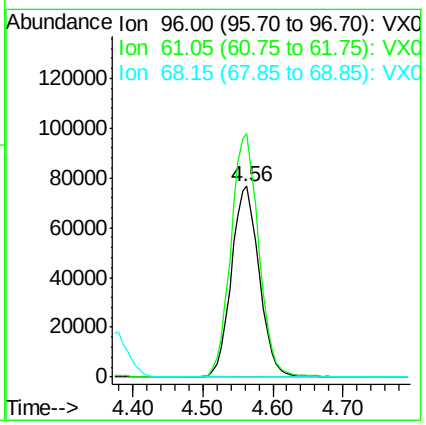


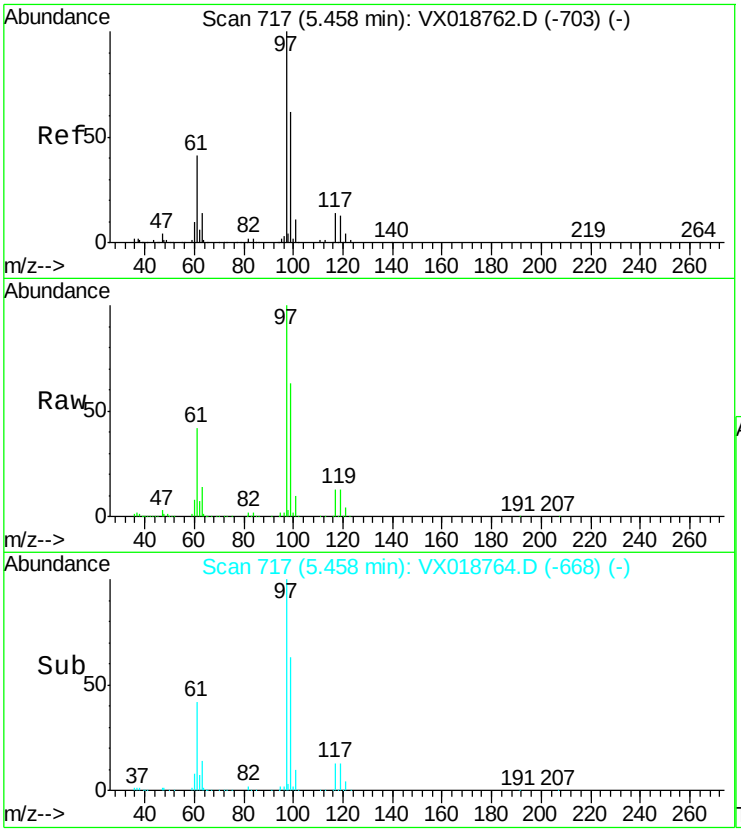


#22
cis-1,2-Dichloroethene
Concen: 23.337 ug/L
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX018764.D
Acq: 05 Oct 2020 14:26

Tgt Ion: 96 Resp: 212189

Ion	Ratio	Lower	Upper
96	100		
61	127.7	86.2	160.0
68	0.1	0.3	0.7#



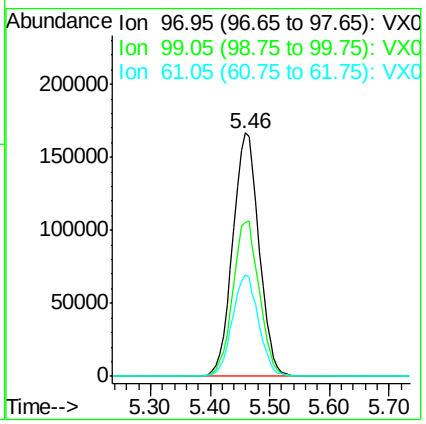


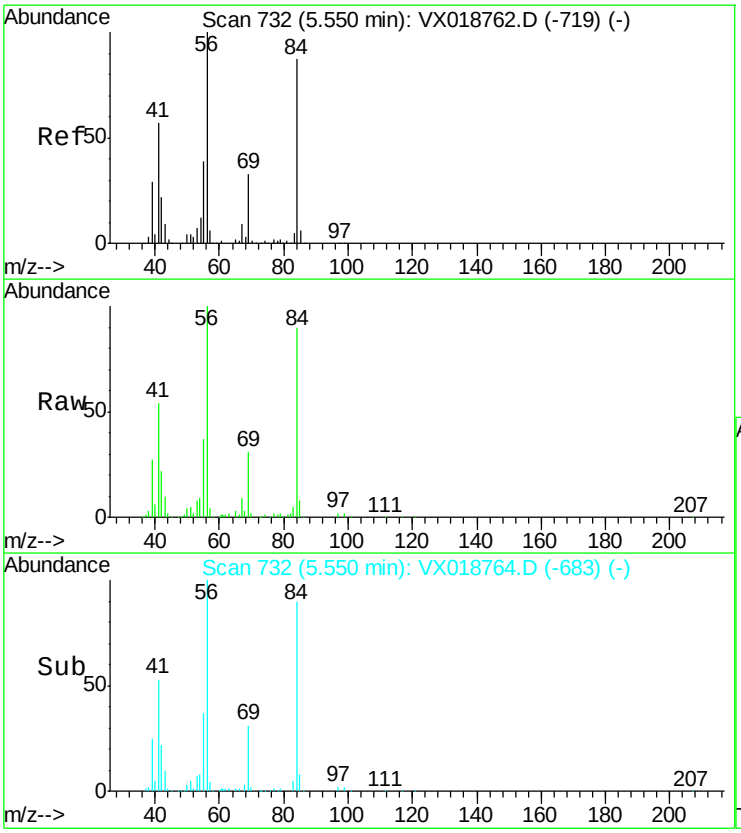
#29
1,1,1-Trichloroethane
Concen: 27.651 ug/L
RT: 5.46 min Scan# 717
Delta R.T. 0.00 min
Lab File: VX018764.D
Acq: 05 Oct 2020 14:26

Instrument :
MSVOA_X
ClientSampleId :
BG3N0DL

Tgt Ion: 97 Resp: 511404

Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.3	76.9
61	41.5	33.3	49.9

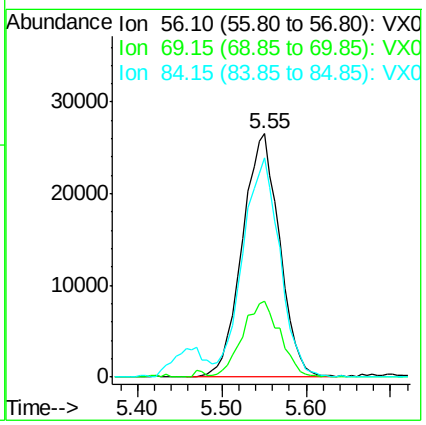


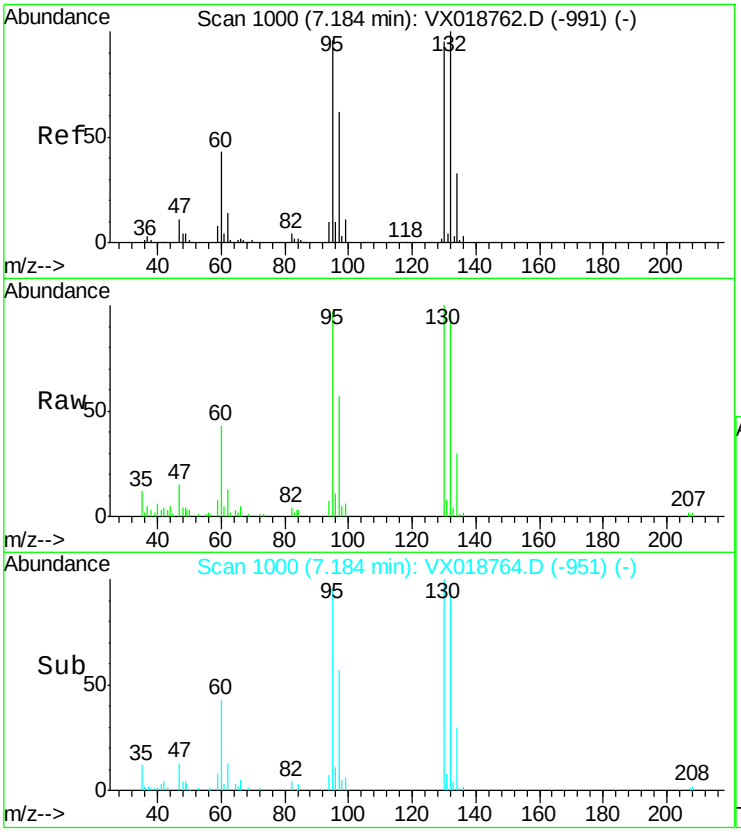


#30
Cyclohexane
Concen: 6.210 ug/L
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX018764.D
Acq: 05 Oct 2020 14:26

Tgt Ion: 56 Resp: 79654

Ion	Ratio	Lower	Upper
56	100		
69	31.3	26.0	39.0
84	89.8	73.8	110.6



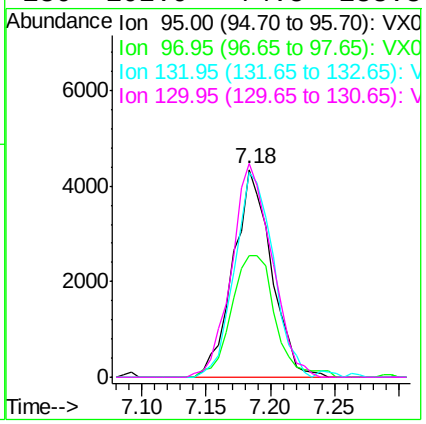


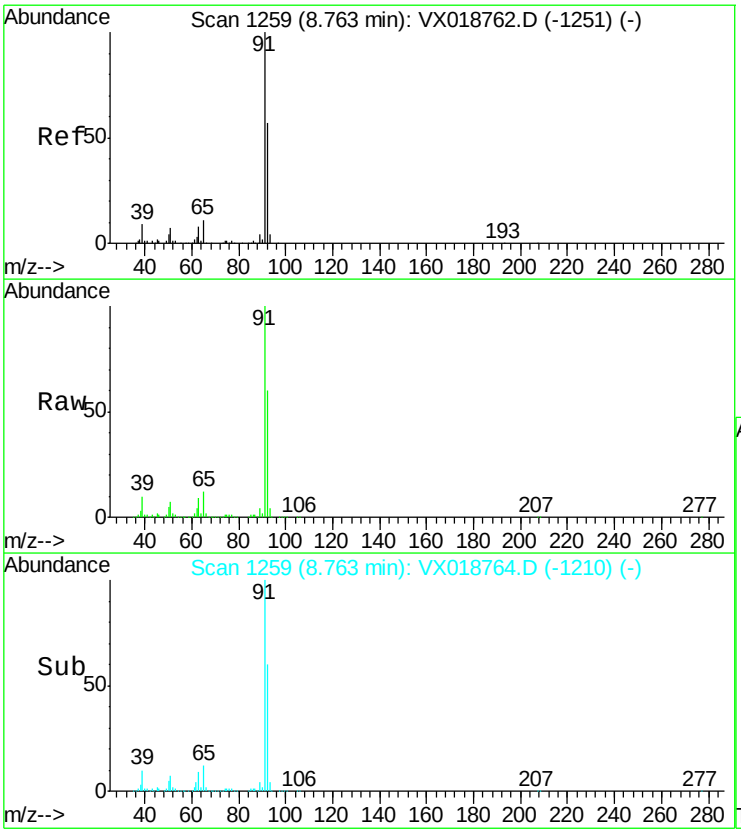
#34
Trichloroethene
Concen: 0.923 ug/L
RT: 7.18 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VX018764.D
Acq: 05 Oct 2020 14:26

Instrument :
MSVOA_X
ClientSampleId :
BG3N0DL

Tgt Ion: 95 Resp: 8922

Ion	Ratio	Lower	Upper
95	100		
97	58.5	45.3	84.1
132	98.6	68.6	127.4
130	102.9	74.5	138.3

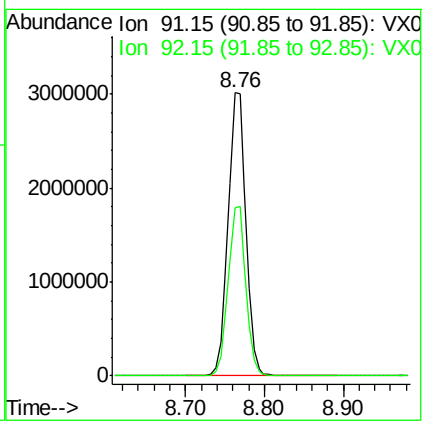


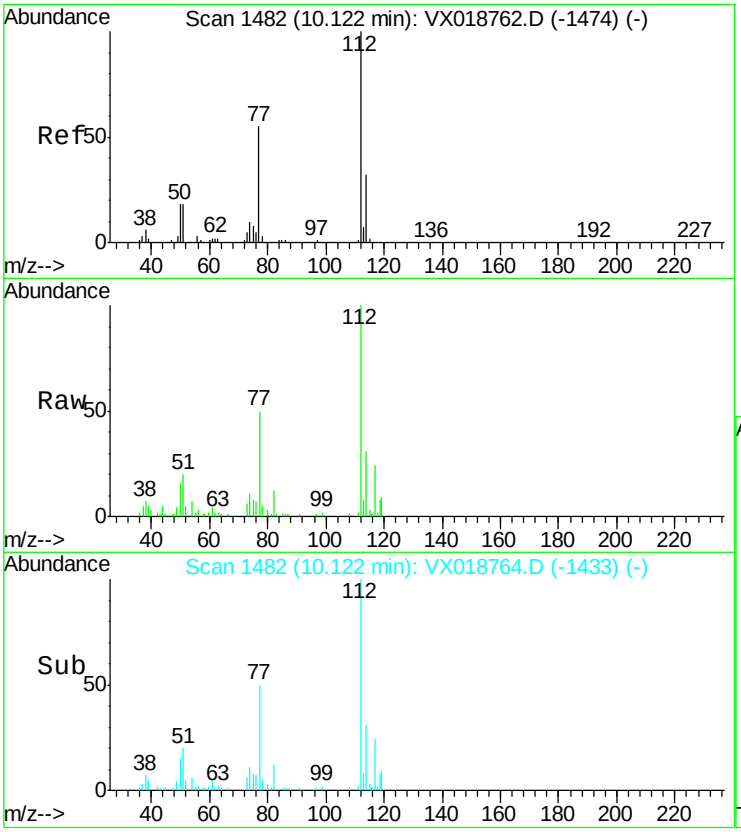


#42
Toluene
Concen: 132.387 ug/L
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX018764.D
Acq: 05 Oct 2020 14:26

Tgt Ion: 91 Resp: 4742724

Ion	Ratio	Lower	Upper
91	100		
92	59.6	40.3	74.9



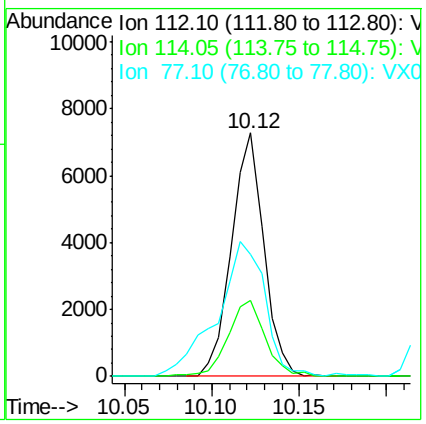


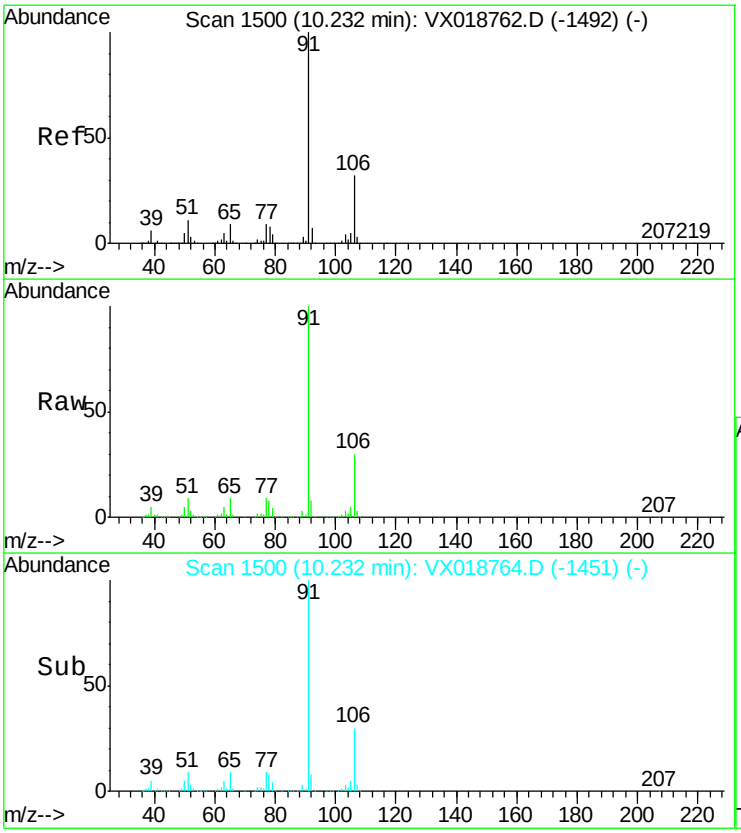
#53
Chlorobenzene
Concen: 0.383 ug/L
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018764.D
Acq: 05 Oct 2020 14:26

Instrument : MSVOA_X
ClientSampleId : BG3N0DL

Tgt Ion:112 Resp: 9385

Ion	Ratio	Lower	Upper
112	100		
114	31.0	21.3	39.5
77	49.9	42.4	63.6

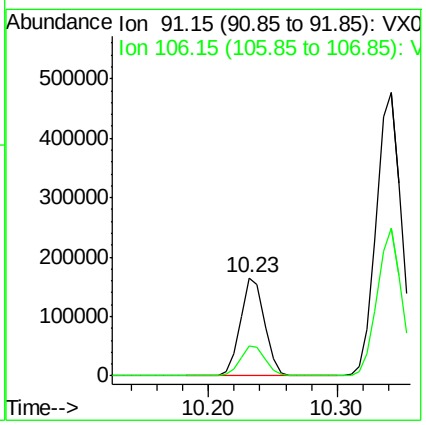


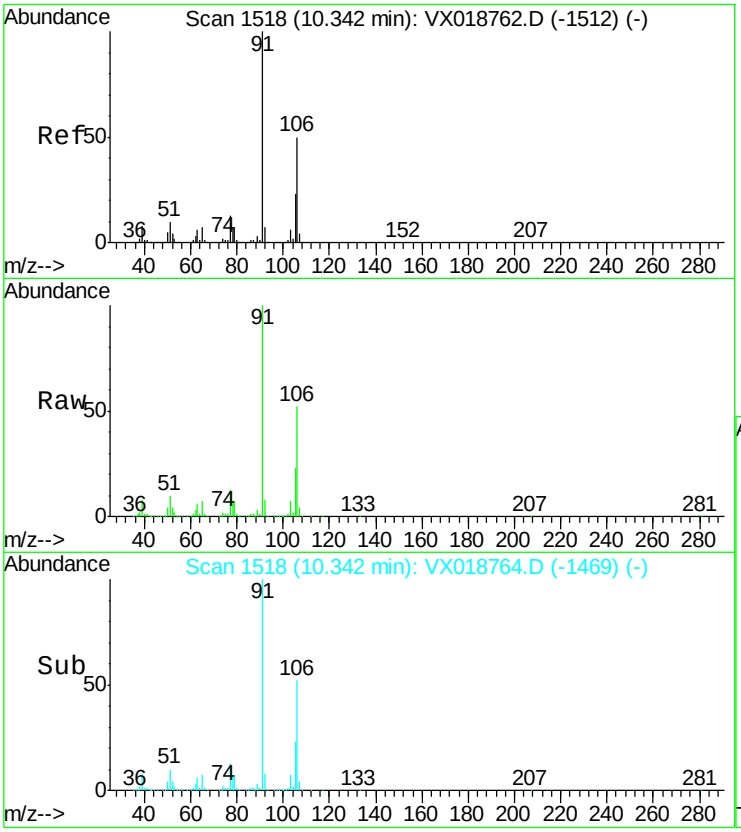


#54
Ethylbenzene
Concen: 5.330 ug/L
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX018764.D
Acq: 05 Oct 2020 14:26

Tgt Ion: 91 Resp: 214042

Ion	Ratio	Lower	Upper
91	100		
106	30.0	21.5	39.9



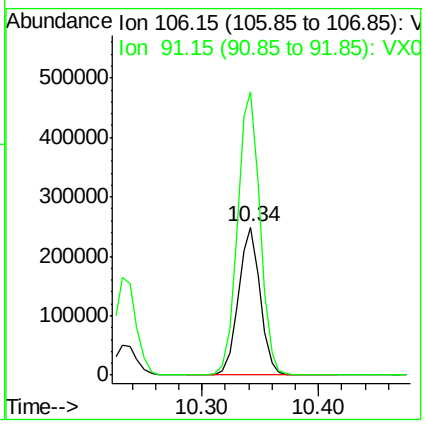


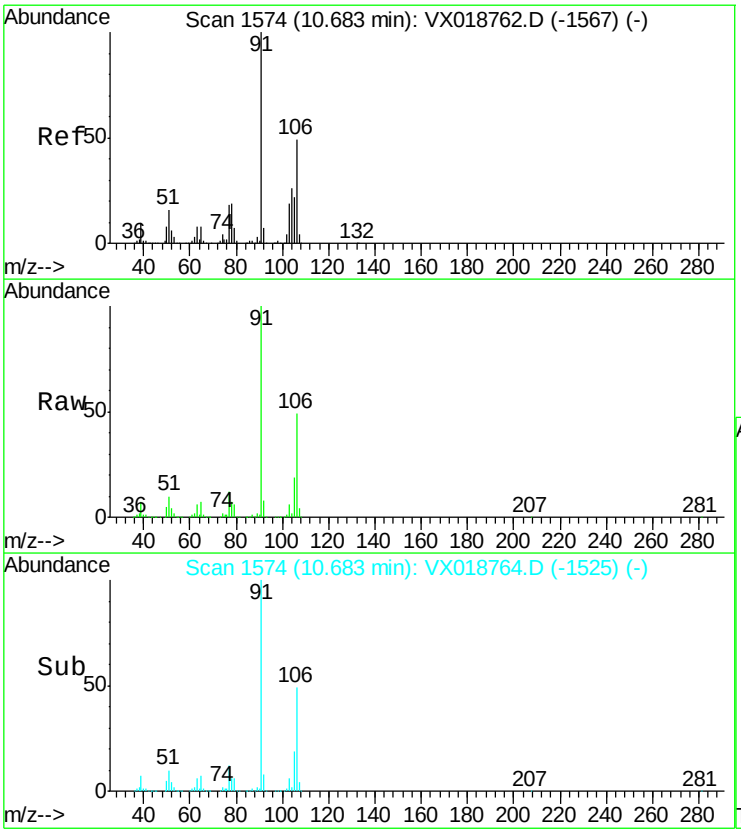
#55
m,p-xylene
Concen: 20.449 ug/L
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018764.D
Acq: 05 Oct 2020 14:26

Instrument :
MSVOA_X
ClientSampleId :
BG3N0DL

Tgt Ion:106 Resp: 320323

Ion	Ratio	Lower	Upper
106	100		
91	191.5	143.4	266.2

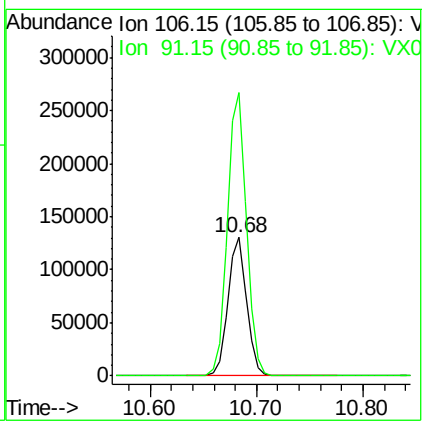


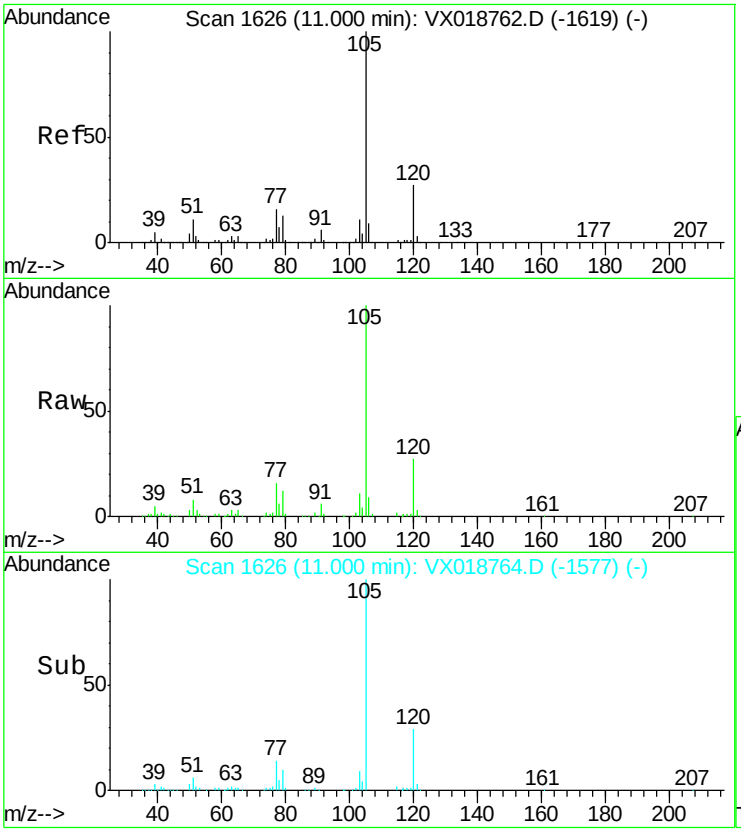


#56
o-xylene
Concen: 11.079 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018764.D
Acq: 05 Oct 2020 14:26

Tgt Ion:106 Resp: 160377

Ion	Ratio	Lower	Upper
106	100		
91	204.8	153.4	284.8



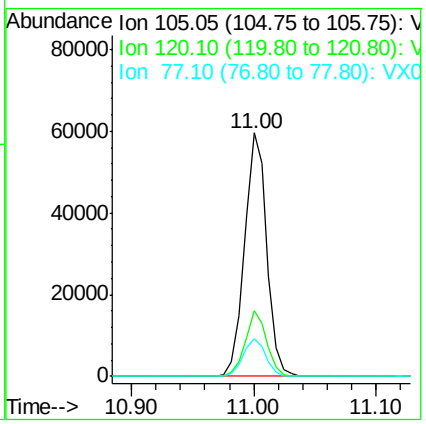


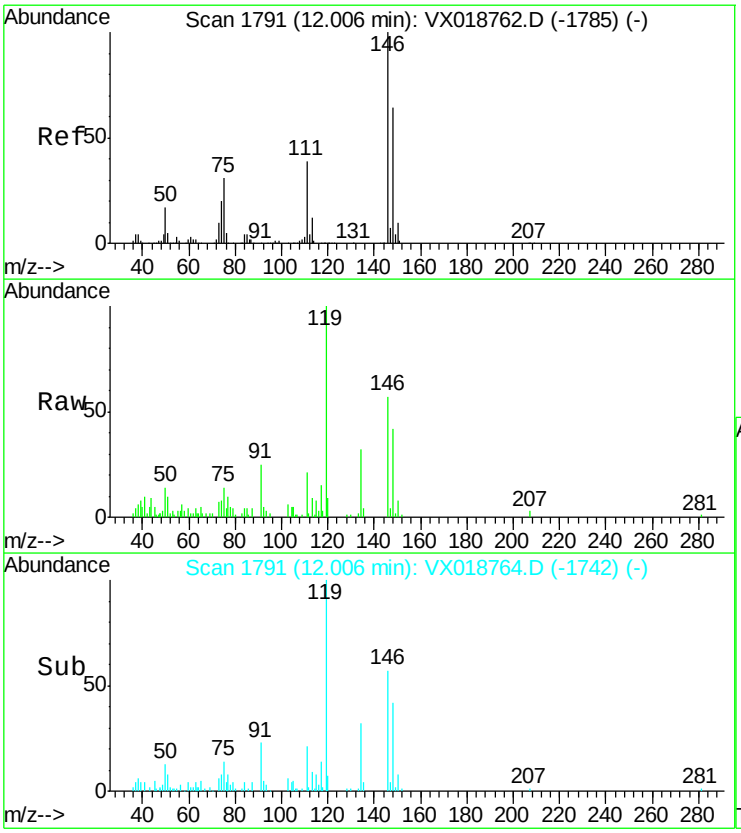
#58
Isopropylbenzene
Concen: 1.845 ug/L
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018764.D
Acq: 05 Oct 2020 14:26

Instrument : MSVOA_X
ClientSampleId : BG3N0DL

Tgt Ion:105 Resp: 74772

Ion	Ratio	Lower	Upper
105	100		
120	26.2	20.2	30.2
77	16.0	13.3	19.9

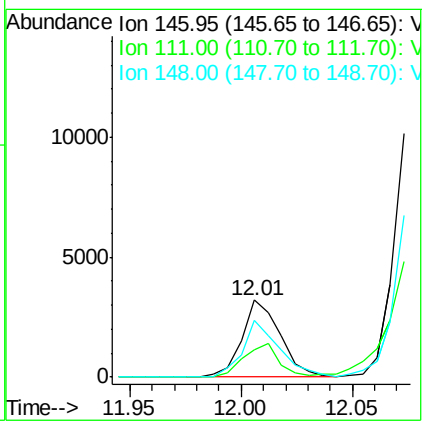


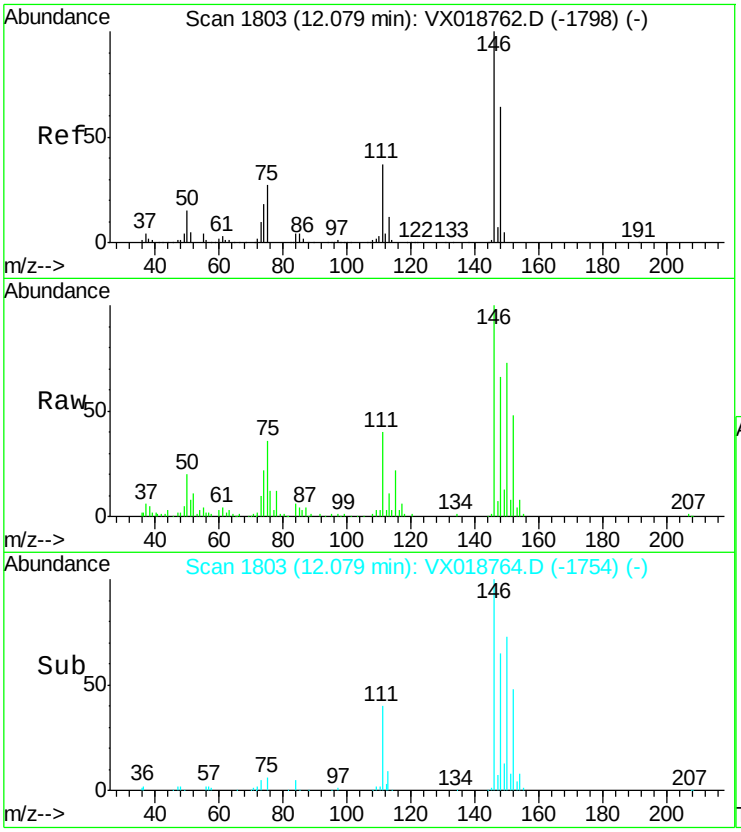


#63
1,3-Dichlorobenzene
Concen: 0.199 ug/L
RT: 12.01 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX018764.D
Acq: 05 Oct 2020 14:26

Tgt Ion:146 Resp: 3837

Ion	Ratio	Lower	Upper
146	100		
111	36.1	28.4	52.8
148	73.2	45.9	85.3



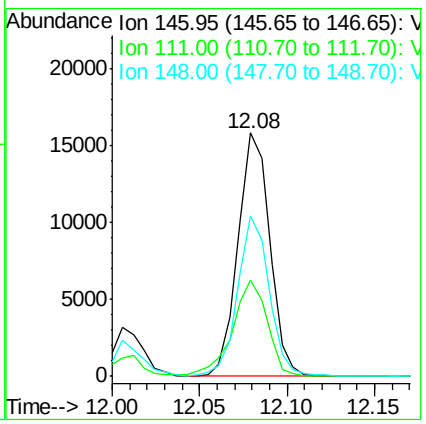


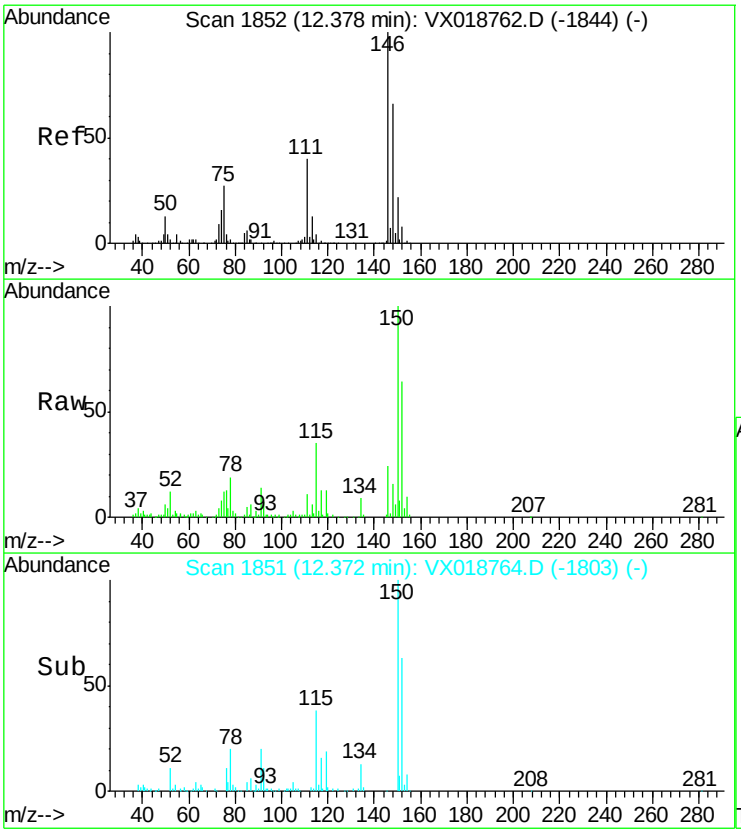
#64
1,4-Dichlorobenzene
Concen: 1.048 ug/L
RT: 12.08 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VX018764.D
Acq: 05 Oct 2020 14:26

Instrument : MSVOA_X
ClientSampleId : BG3N0DL

Tgt Ion:146 Resp: 20137

Ion	Ratio	Lower	Upper
146	100		
111	39.6	28.6	53.2
148	66.0	44.2	82.0

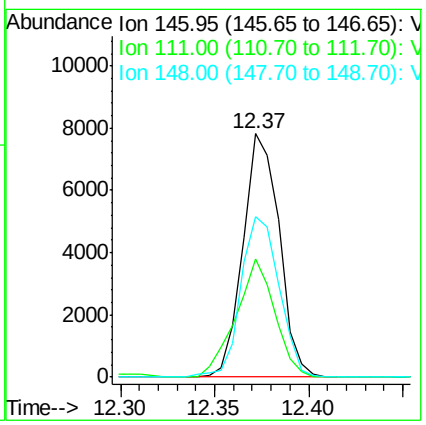


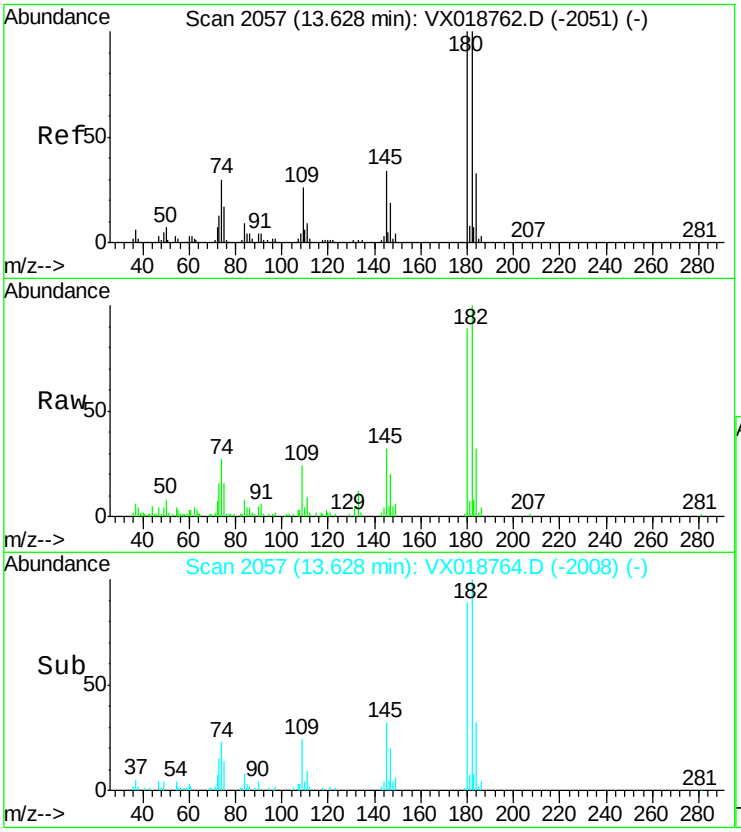


#66
1,2-Dichlorobenzene
Concen: 0.579 ug/L
RT: 12.37 min Scan# 1851
Delta R.T. -0.01 min
Lab File: VX018764.D
Acq: 05 Oct 2020 14:26

Tgt Ion:146 Resp: 10415

Ion	Ratio	Lower	Upper
146	100		
111	48.4	31.7	47.5#
148	65.7	49.0	73.6



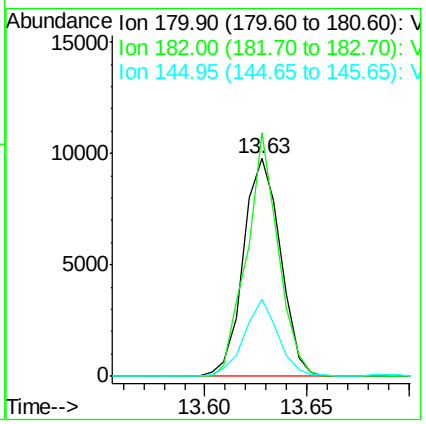


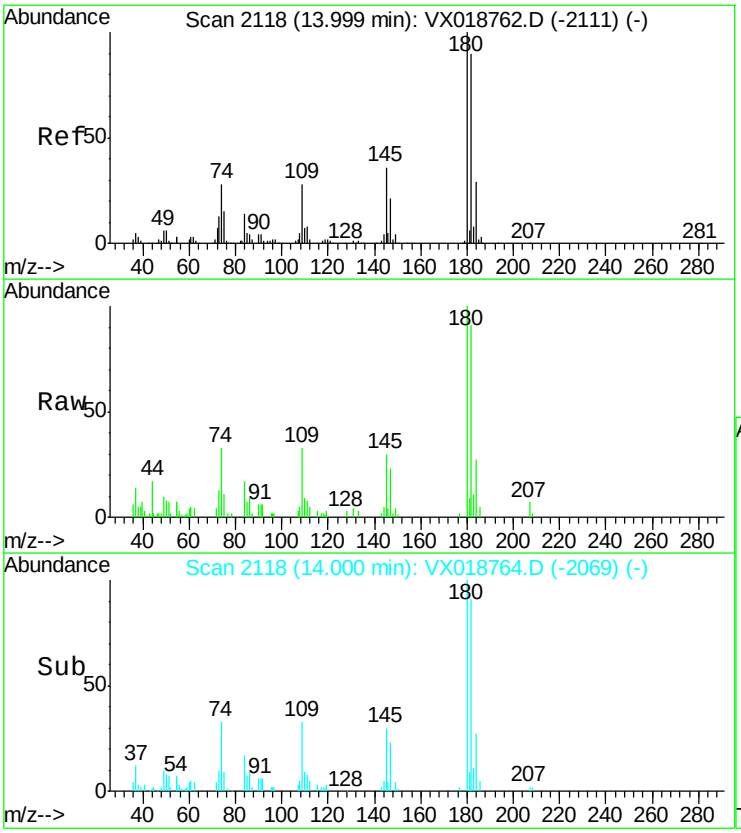
#69
1,2,4-trichlorobenzene
Concen: 1.004 ug/L
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX018764.D
Acq: 05 Oct 2020 14:26

Instrument :
MSVOA_X
ClientSampleId :
BG3N0DL

Tgt Ion:180 Resp: 12361

Ion	Ratio	Lower	Upper
180	100		
182	95.2	80.2	120.4
145	32.7	25.2	37.8





#71
1,2,3-Trichlorobenzene
Concen: 0.417 ug/L
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018764.D
Acq: 05 Oct 2020 14:26

Tgt Ion:180 Resp: 4626

Ion	Ratio	Lower	Upper
180	100		
182	88.4	73.6	110.4
145	36.3	26.6	40.0