Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018816.D
Acq On : 07 Oct 2020 17:15
Operator : JC/SP
Sample : L4240-15 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T7

Quant Time: Oct 08 01:18:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 08 01:16:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.82	114	121091	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	118355	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	61236	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	34062	4.81	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.20%			
7) Chloroethane-d5	1.70	69	32264	5.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 116.60%			
11) 1,1-Dichloroethene-d2	2.34	63	61615	3.86	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.20%			
20) 2-Butanone-d5	4.55	46	140884	75.93	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 151.86%#			
24) Chloroform-d	5.14	84	95793	5.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 112.00%			
26) 1,2-Dichloroethane-d4	6.03	65	56424	5.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.00%			
32) Benzene-d6	6.05	84	165995	5.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 112.80%			
36) 1,2-Dichloropropane-d6	7.37	67	51897	6.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 122.00%			
41) Toluene-d8	8.70	98	147013	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.40%			
45) trans-1,3-Dichloropropene-	8.99	79	23224	5.07	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.40%			
48) 2-Hexanone-d5	9.43	63	108719	70.91	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 141.82%#			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	44388	6.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 128.40%#			
65) 1,2-Dichlorobenzene-d4	12.36	152	65692	5.82	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 116.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.39	62	332	0.051	ug/L #	1
8) Chloroethane	1.49	64	30808	7.774	ug/L #	53
14) Carbon disulfide	2.55	76	1326	0.070	ug/L #	62
15) Methyl Acetate	2.82	43	61795	24.821	ug/L #	48
16) Methylene chloride	2.84	84	6849	0.936	ug/L #	78
30) Cyclohexane	5.55	56	23229	2.392	ug/L	97
33) Benzene	6.11	78	7080	0.286	ug/L	100
35) Methylcyclohexane	7.43	83	2587	0.249	ug/L	93
37) 1,2-Dichloropropane	7.37	63	6948	1.119	ug/L #	85
42) Toluene	8.77	91	2419	0.089	ug/L	100
43) 1,3,5-Trimethylbenzene	11.49	105	9807	0.382	ug/L	97
44) 1,2,4-Trimethylbenzene	11.79	105	31229	1.199	ug/L	98
47) 1,1,2-Trichloroethane	9.15	97	5067	1.081	ug/L #	26
53) Chlorobenzene	10.12	112	737181	39.738	ug/L	96
54) Ethylbenzene	10.23	91	9567	0.315	ug/L	89
55) m,p-xylene	10.34	106	8413	0.709	ug/L	90
56) o-xylene	10.68	106	1606	0.147	ug/L	94

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018816.D
Acq On : 07 Oct 2020 17:15
Operator : JC/SP
Sample : L4240-15 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T7

Quant Time: Oct 08 01:18:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 08 01:16:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
58) Isopropylbenzene	11.00	105	3236	0.105 ug/L #	88
63) 1,3-Dichlorobenzene	12.01	146	69581	4.675 ug/L	99
64) 1,4-Dichlorobenzene	12.08	146	119318	8.038 ug/L	97
66) 1,2-Dichlorobenzene	12.38	146	5110	0.368 ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.96	75	279	0.236 ug/L #	7
68) 1,3,5-Trichlorobenzene	13.15	180	864	0.075 ug/L #	83
69) 1,2,4-trichlorobenzene	13.63	180	13616	1.432 ug/L #	87
70) Naphthalene	13.82	128	8403	0.541 ug/L #	92
71) 1,2,3-Trichlorobenzene	14.01	180	2218	0.259 ug/L #	73

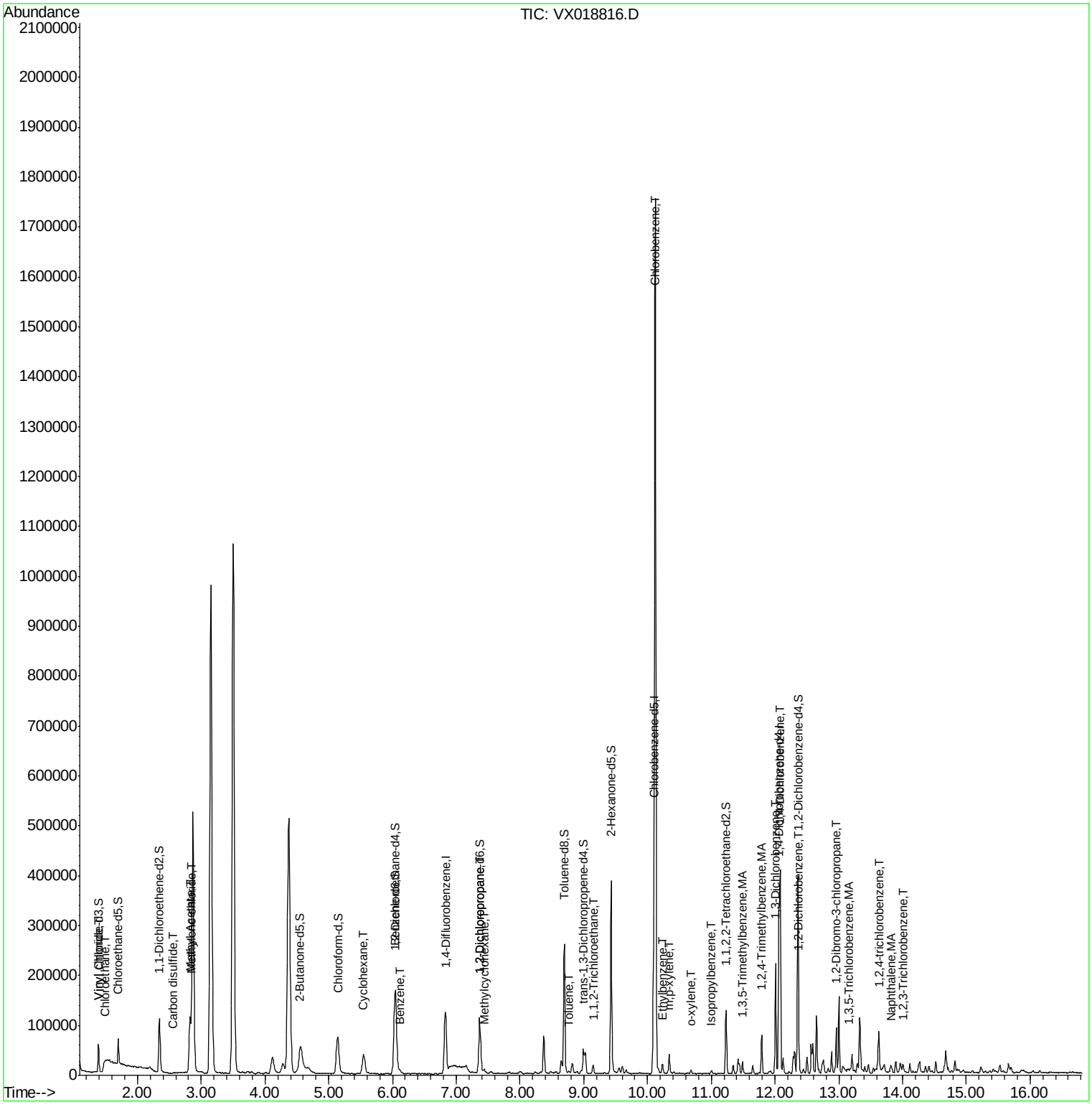
(#) = qualifier out of range (m) = manual integration (+) = signals summed

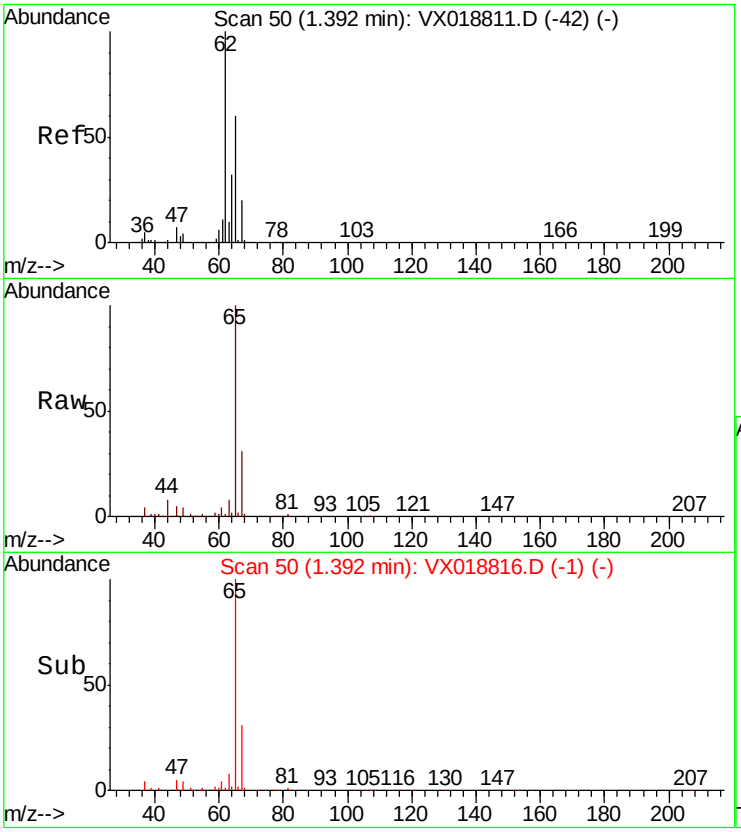
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018816.D
Acq On : 07 Oct 2020 17:15
Operator : JC/SP
Sample : L4240-15 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T7

Quant Time: Oct 08 01:18:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 08 01:16:58 2020
Response via : Initial Calibration



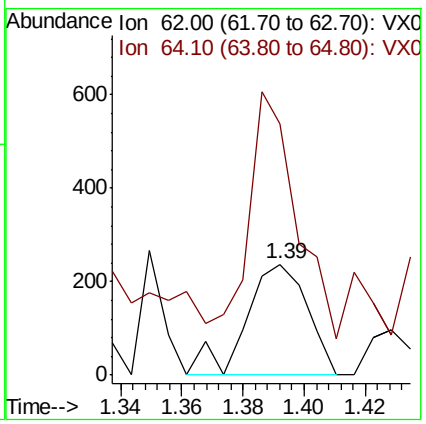


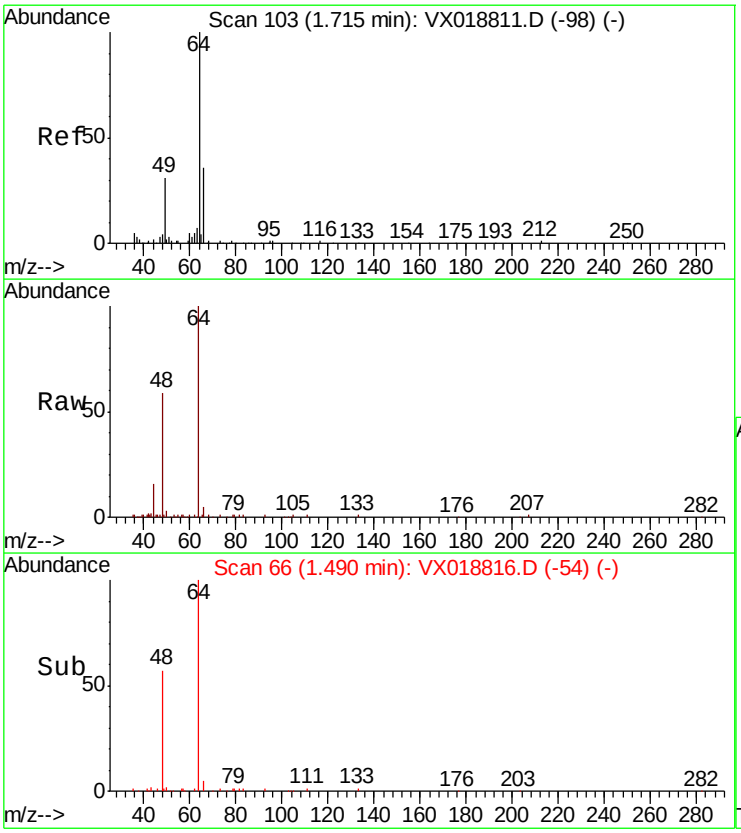
#5
Vinyl chloride
Concen: 0.051 ug/L
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX018816.D
Acq: 07 Oct 2020 17:15

Instrument :
MSVOA_X
ClientSampleId :
BG3T7

Tgt Ion: 62 Resp: 332

Ion	Ratio	Lower	Upper
62	100		
64	226.6	24.3	45.1#

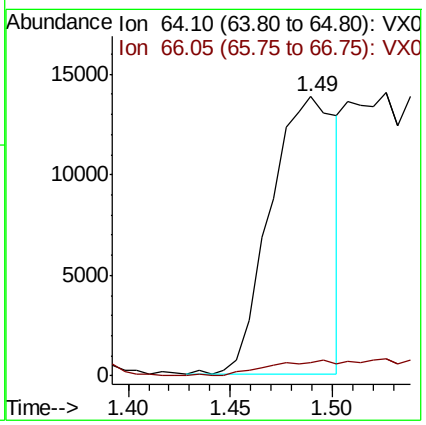


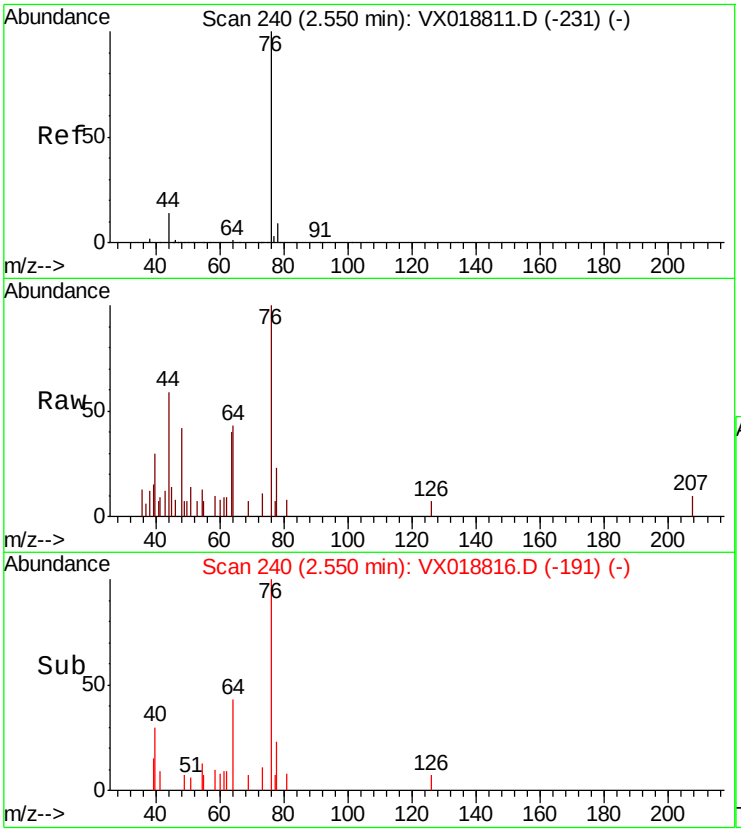


#8
Chloroethane
Concen: 7.774 ug/L
RT: 1.49 min Scan# 66
Delta R.T. -0.23 min
Lab File: VX018816.D
Acq: 07 Oct 2020 17:15

Tgt Ion: 64 Resp: 30808

Ion	Ratio	Lower	Upper
64	100		
66	4.7	21.5	39.9#



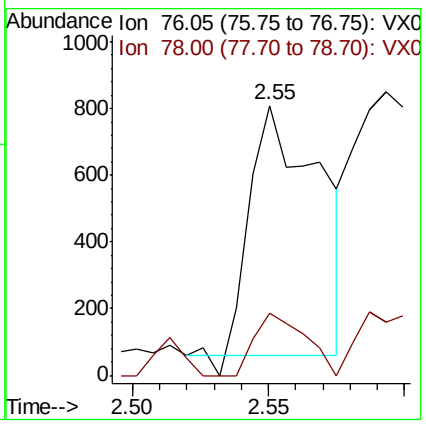


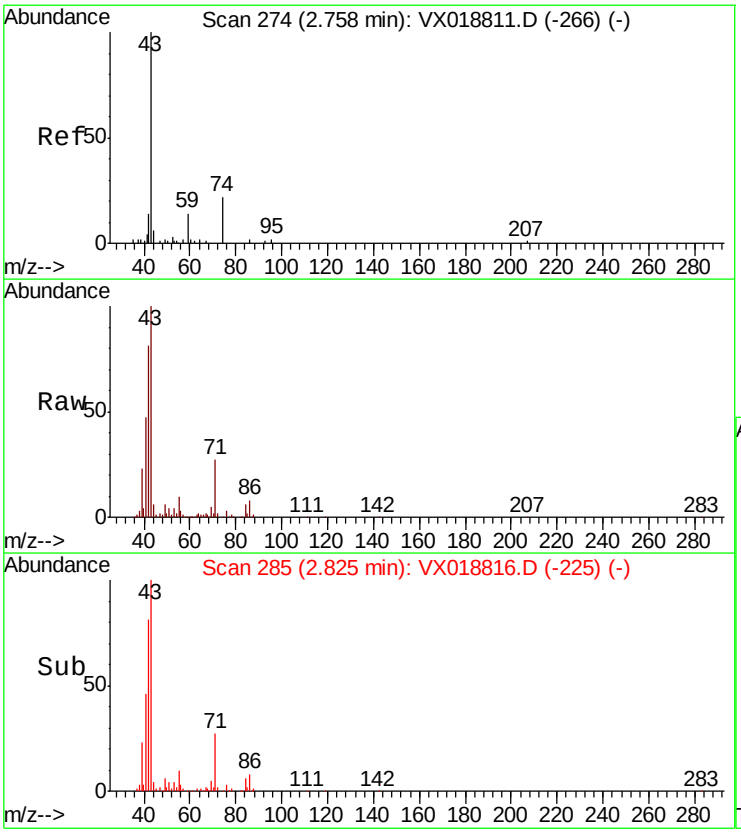
#14
Carbon disulfide
Concen: 0.070 ug/L
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018816.D
Acq: 07 Oct 2020 17:15

Instrument :
MSVOA_X
ClientSampleId :
BG3T7

Tgt Ion: 76 Resp: 1326

Ion	Ratio	Lower	Upper
76	100		
78	23.1	7.4	11.2#

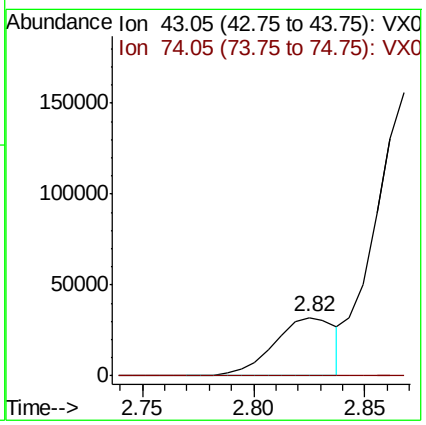


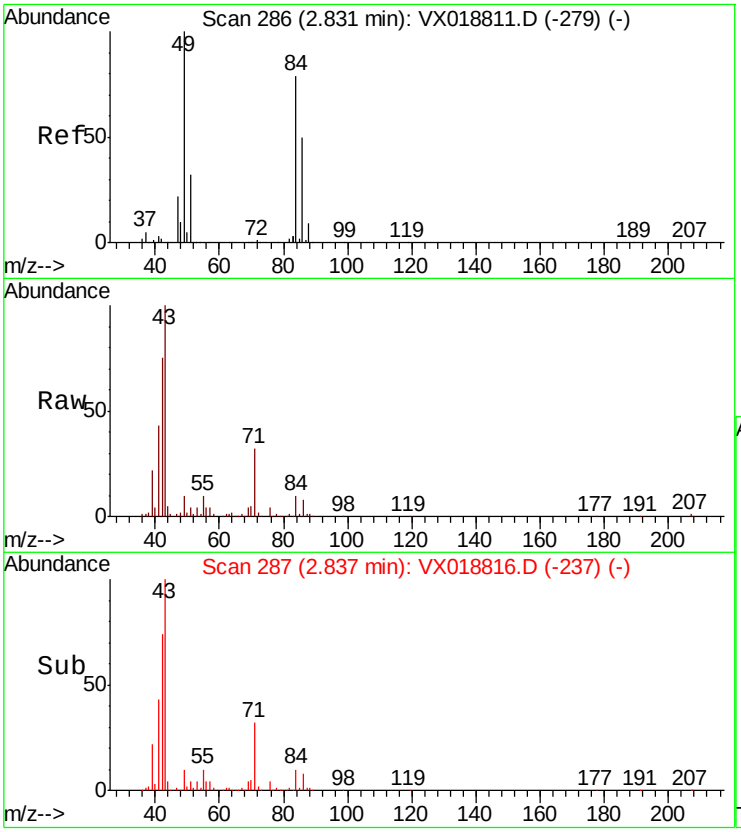


#15
Methyl Acetate
Concen: 24.821 ug/L
RT: 2.82 min Scan# 285
Delta R.T. 0.07 min
Lab File: VX018816.D
Acq: 07 Oct 2020 17:15

Tgt Ion: 43 Resp: 61795

Ion	Ratio	Lower	Upper
43	100		
74	0.2	21.9	32.9#



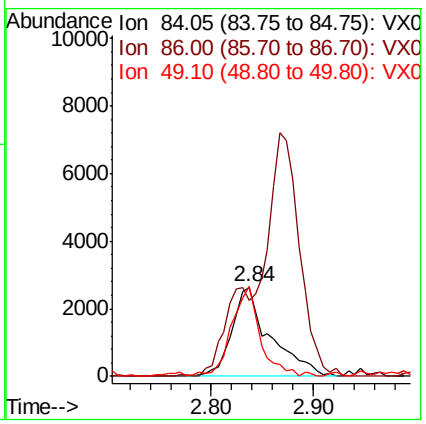


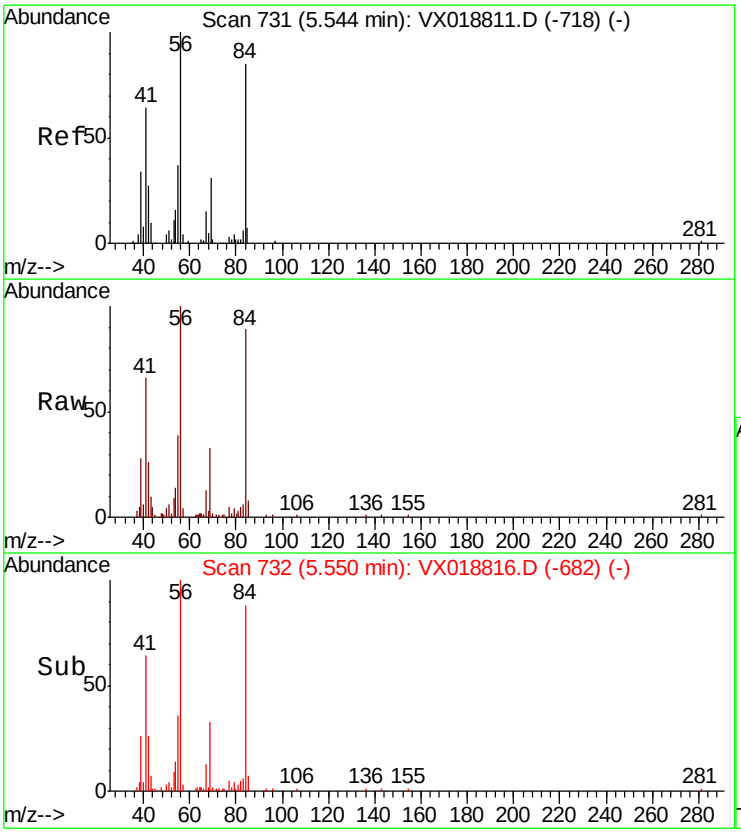
#16
Methylene chloride
Concen: 0.936 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018816.D
Acq: 07 Oct 2020 17:15

Instrument : MSVOA_X
ClientSampleId : BG3T7

Tgt Ion: 84 Resp: 6849

Ion	Ratio	Lower	Upper
84	100		
86	85.7	45.6	84.8#
49	100.9	85.8	159.3

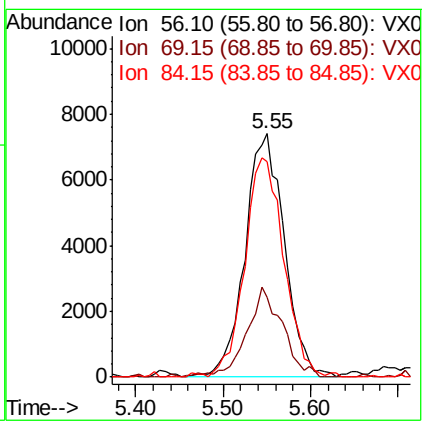


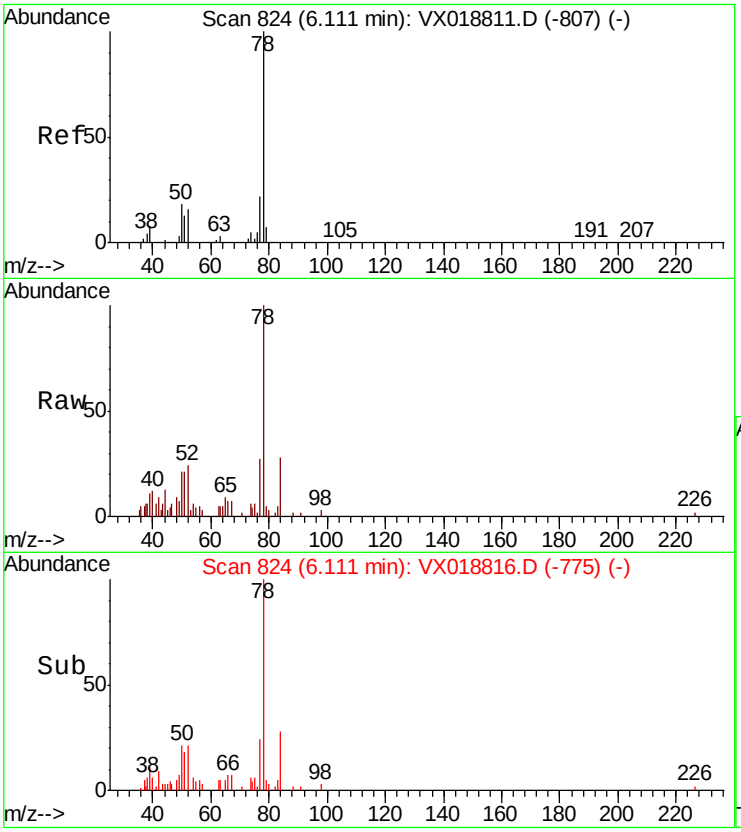


#30
Cyclohexane
Concen: 2.392 ug/L
RT: 5.55 min Scan# 732
Delta R.T. 0.01 min
Lab File: VX018816.D
Acq: 07 Oct 2020 17:15

Tgt Ion: 56 Resp: 23229

Ion	Ratio	Lower	Upper
56	100		
69	33.4	26.0	39.0
84	89.1	73.8	110.6

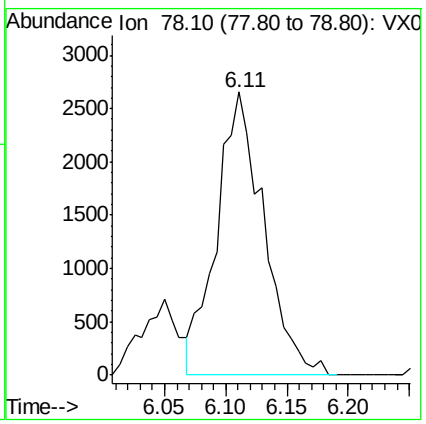


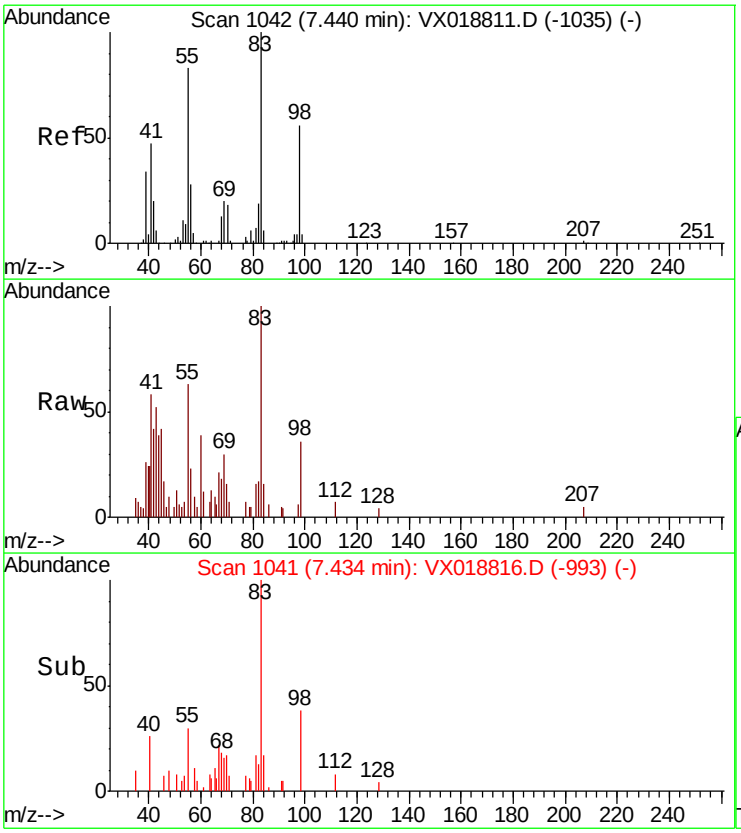


#33
Benzene
Concen: 0.286 ug/L
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX018816.D
Acq: 07 Oct 2020 17:15

Instrument :
MSVOA_X
ClientSampleId :
BG3T7

Tgt Ion: 78 Resp: 7080

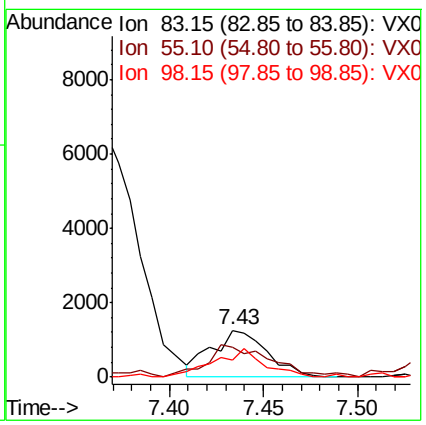


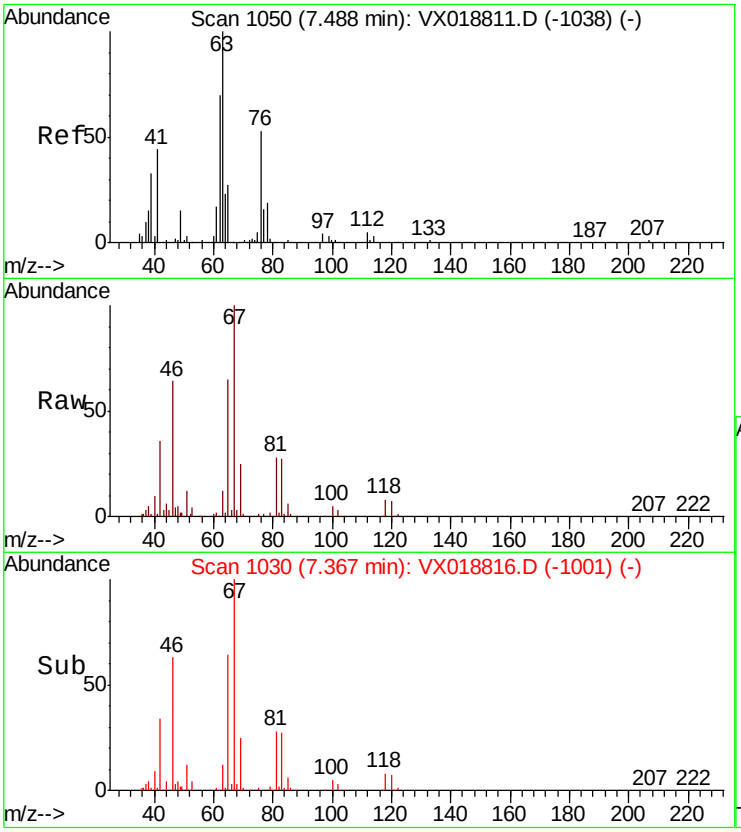


#35
Methylcyclohexane
Concen: 0.249 ug/L
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX018816.D
Acq: 07 Oct 2020 17:15

Tgt Ion: 83 Resp: 2587

Ion	Ratio	Lower	Upper
83	100		
55	80.7	60.3	90.5
98	54.3	39.4	59.0



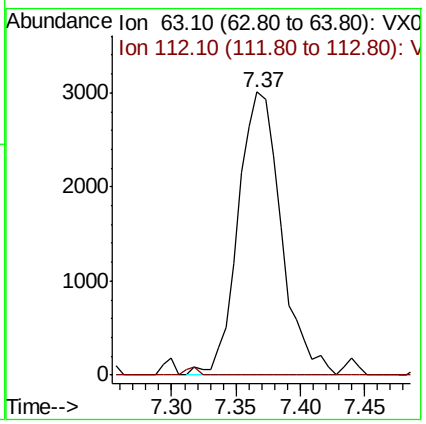


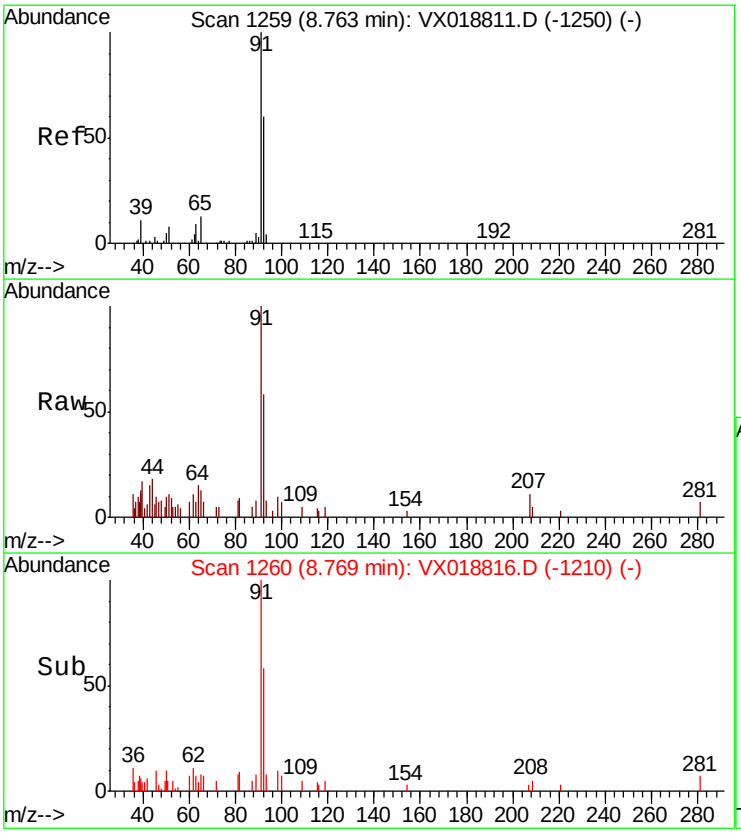
#37
1,2-Dichloropropane
Concen: 1.119 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VX018816.D
Acq: 07 Oct 2020 17:15

Instrument :
MSVOA_X
ClientSampleId :
BG3T7

Tgt Ion: 63 Resp: 6948

Ion	Ratio	Lower	Upper
63	100		
112	0.8	4.7	7.1#

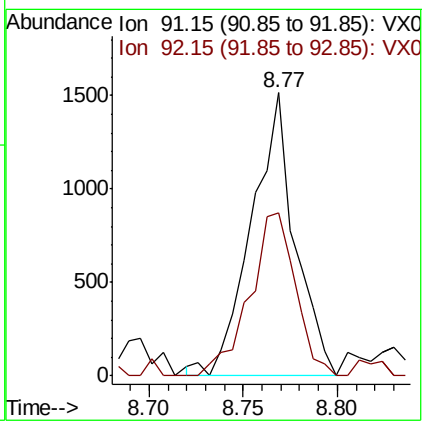


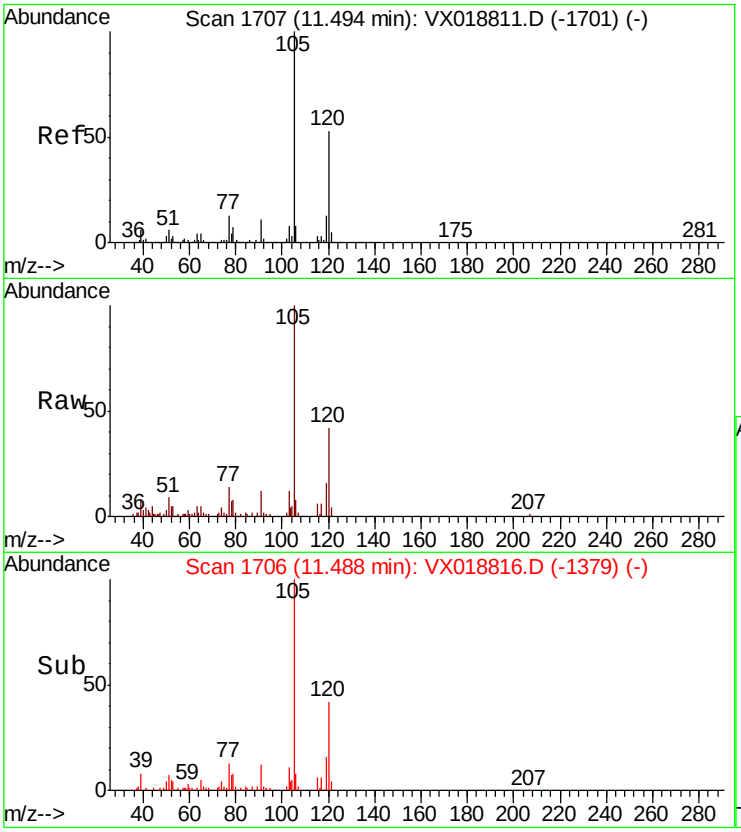


#42
Toluene
Concen: 0.089 ug/L
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX018816.D
Acq: 07 Oct 2020 17:15

Tgt Ion: 91 Resp: 2419

Ion	Ratio	Lower	Upper
91	100		
92	57.8	40.3	74.9



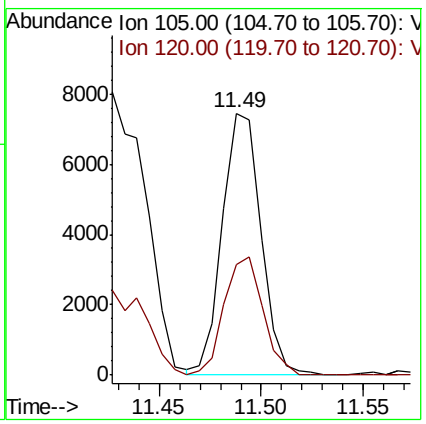


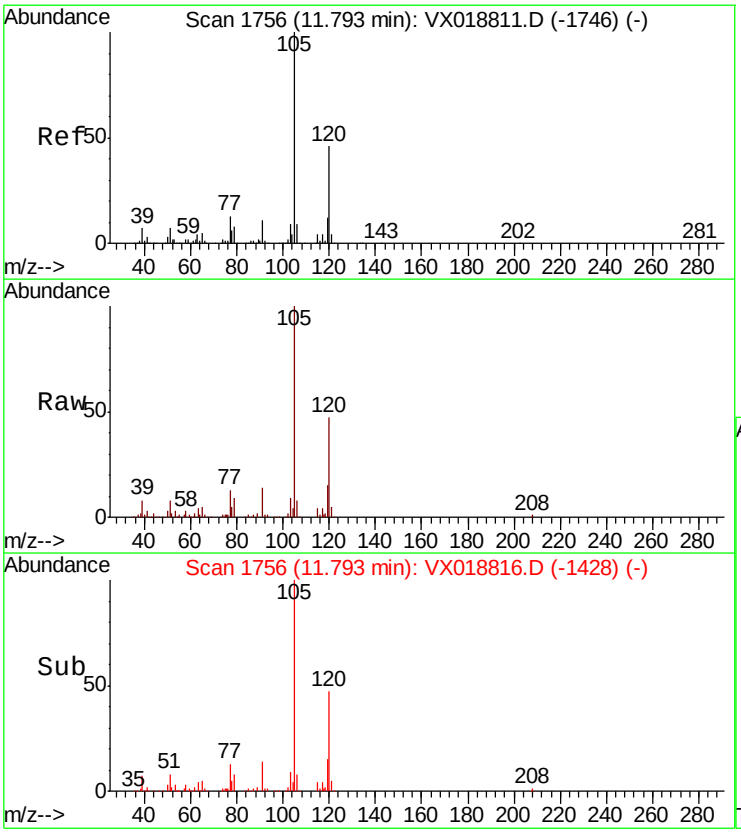
#43
1,3,5-Trimethylbenzene
Concen: 0.382 ug/L
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX018816.D
Acq: 07 Oct 2020 17:15

Instrument :
MSVOA_X
ClientSampleId :
BG3T7

Tgt Ion:105 Resp: 9807

Ion	Ratio	Lower	Upper
105	100		
120	45.2	37.7	56.5

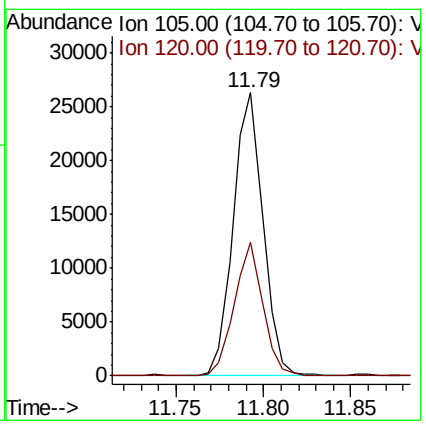


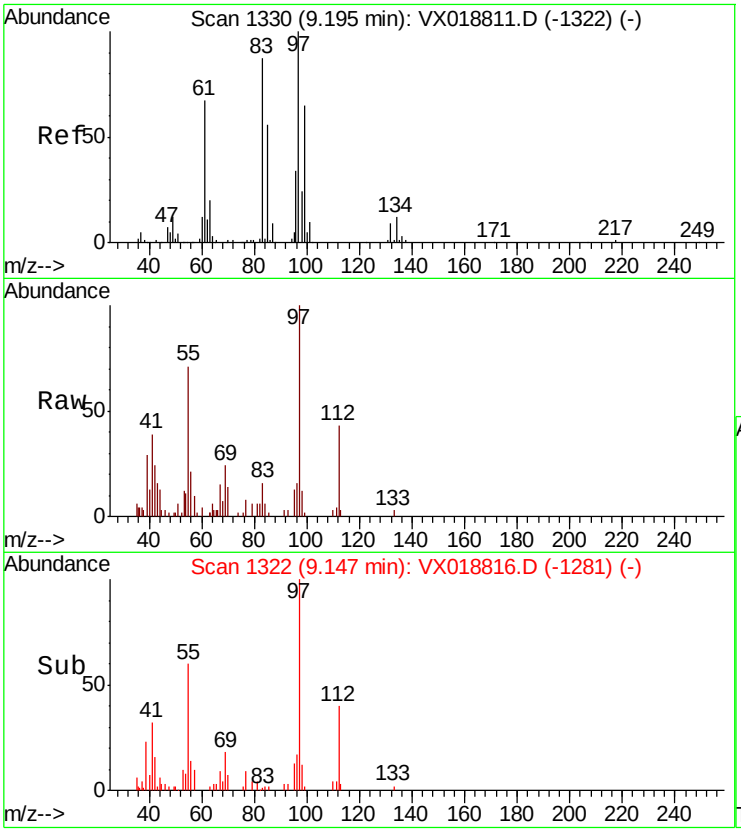


#44
1,2,4-Trimethylbenzene
Concen: 1.199 ug/L
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018816.D
Acq: 07 Oct 2020 17:15

Tgt Ion:105 Resp: 31229

Ion	Ratio	Lower	Upper
105	100		
120	45.3	35.1	52.7



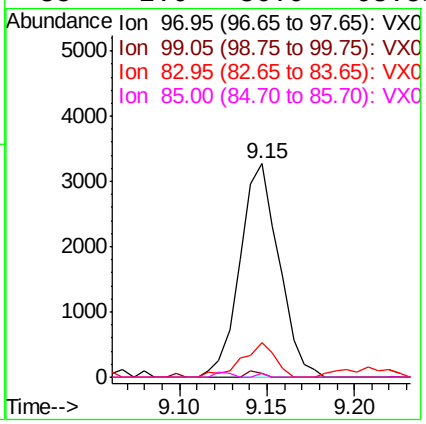


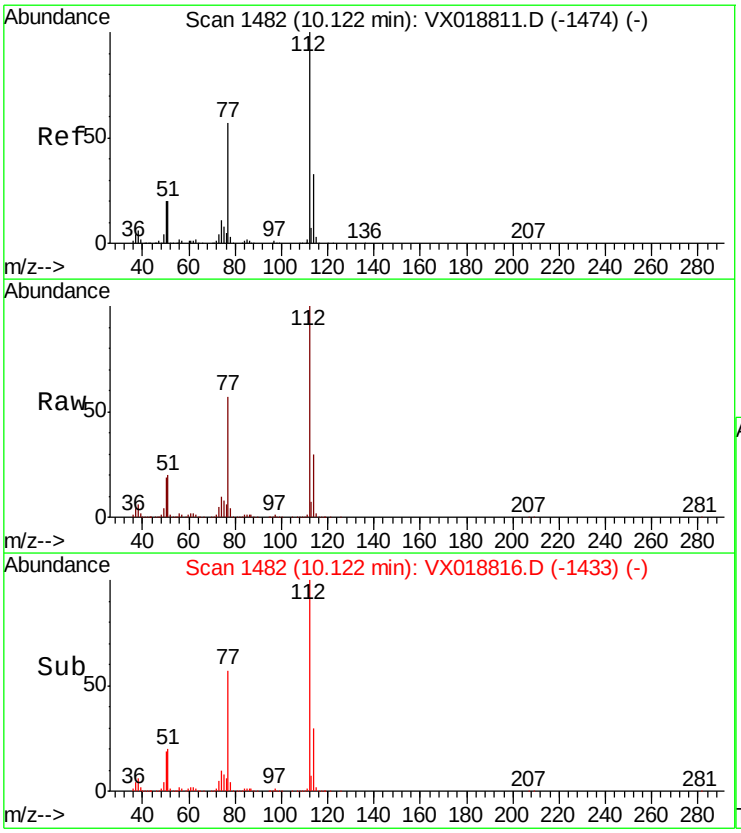
#47
1,1,2-Trichloroethane
Concen: 1.081 ug/L
RT: 9.15 min Scan# 1322
Delta R.T. -0.05 min
Lab File: VX018816.D
Acq: 07 Oct 2020 17:15

Instrument :
MSVOA_X
ClientSampleId :
BG3T7

Tgt Ion: 97 Resp: 5067

Ion	Ratio	Lower	Upper
97	100		
99	1.6	41.1	76.3#
83	16.5	57.5	106.7#
85	2.0	36.9	68.5#

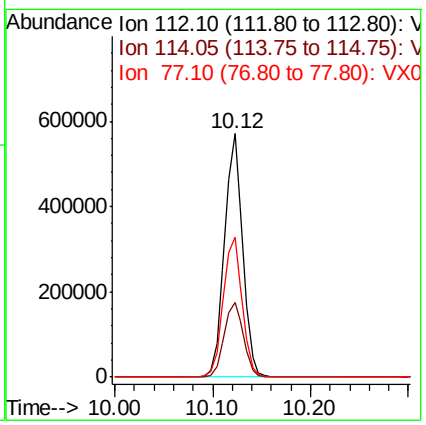


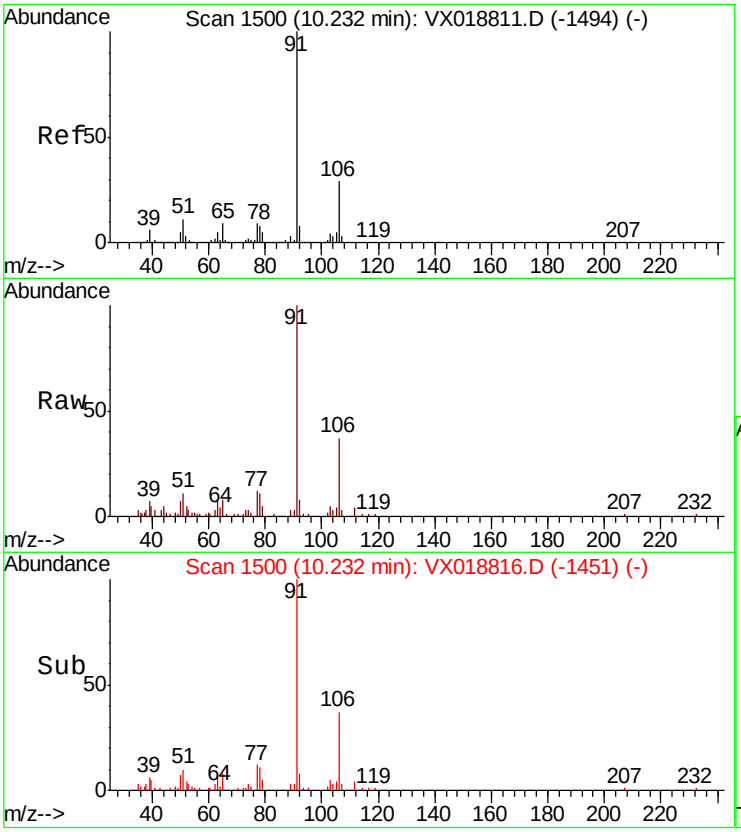


#53
Chlorobenzene
Concen: 39.738 ug/L
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018816.D
Acq: 07 Oct 2020 17:15

Tgt Ion:112 Resp: 737181

Ion	Ratio	Lower	Upper
112	100		
114	30.4	21.3	39.5
77	57.3	42.4	63.6



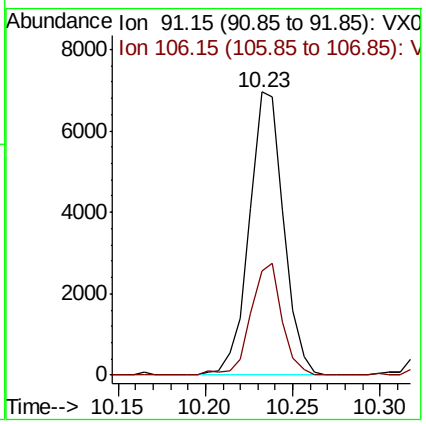


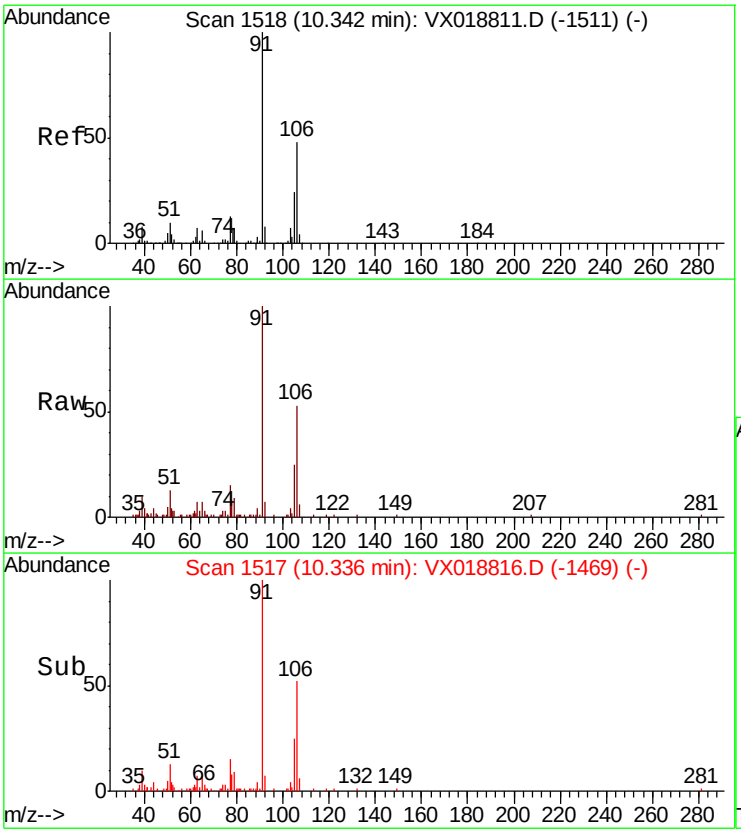
#54
Ethylbenzene
Concen: 0.315 ug/L
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX018816.D
Acq: 07 Oct 2020 17:15

Instrument : MSVOA_X
ClientSampleId : BG3T7

Tgt Ion: 91 Resp: 9567

Ion	Ratio	Lower	Upper
91	100		
106	36.6	21.5	39.9

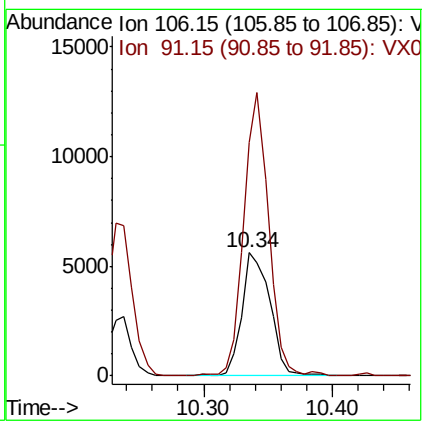


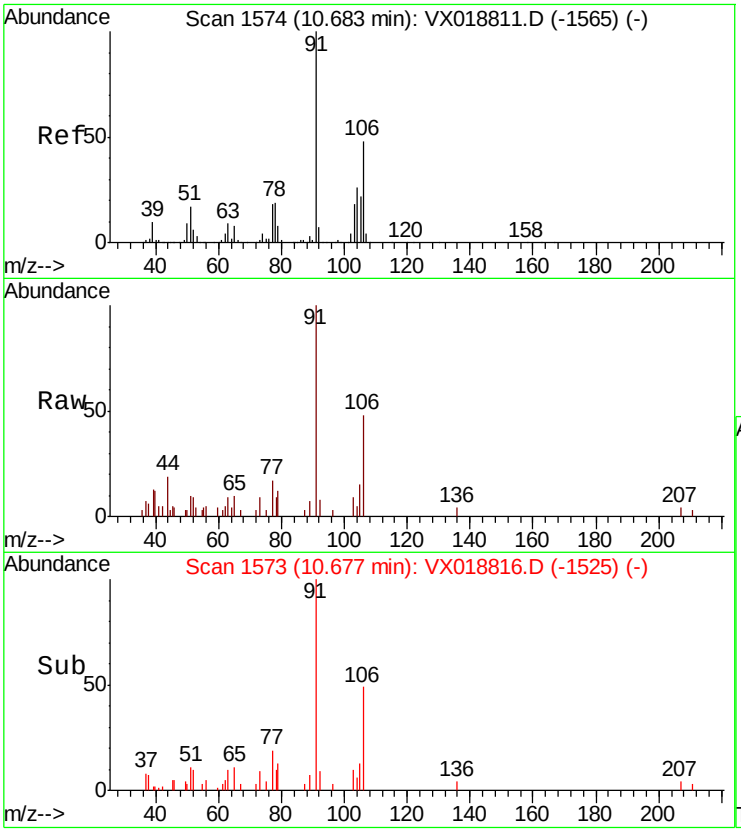


#55
m,p-xylene
Concen: 0.709 ug/L
RT: 10.34 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VX018816.D
Acq: 07 Oct 2020 17:15

Tgt Ion:106 Resp: 8413

Ion	Ratio	Lower	Upper
106	100		
91	189.5	143.4	266.2



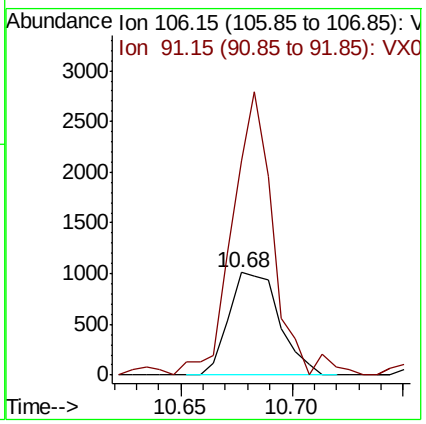


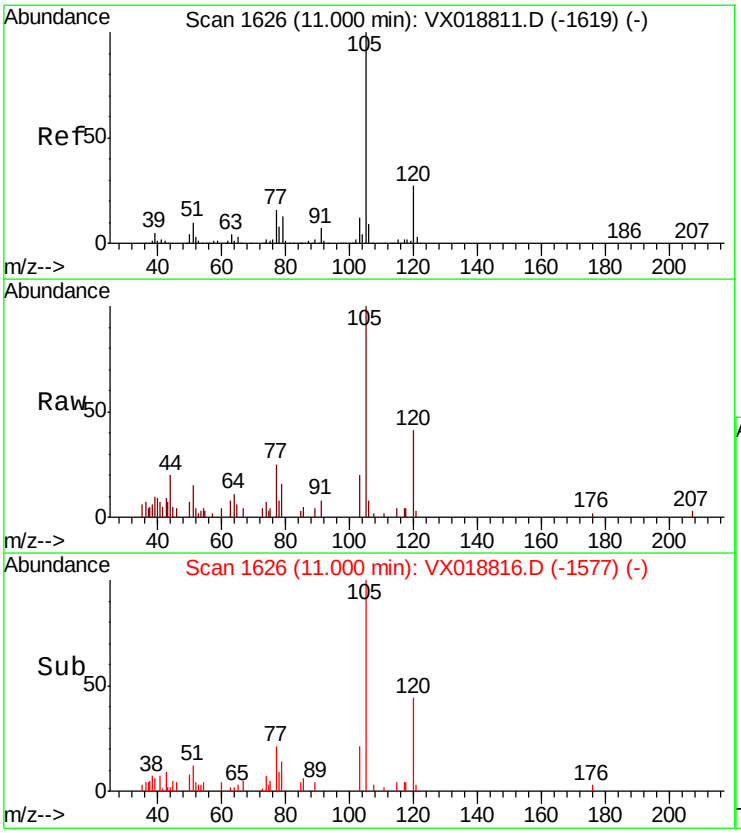
#56
o-xylene
Concen: 0.147 ug/L
RT: 10.68 min Scan# 1573
Delta R.T. -0.01 min
Lab File: VX018816.D
Acq: 07 Oct 2020 17:15

Instrument :
MSVOA_X
ClientSampleId :
BG3T7

Tgt Ion:106 Resp: 1606

Ion	Ratio	Lower	Upper
106	100		
91	208.9	153.4	284.8

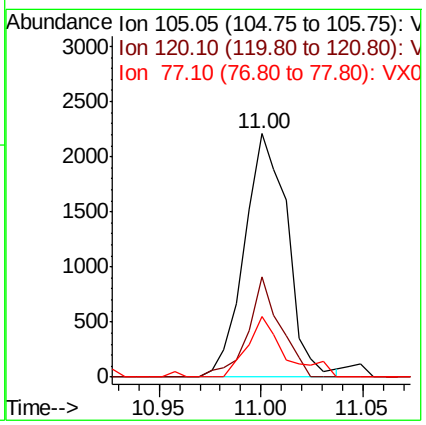


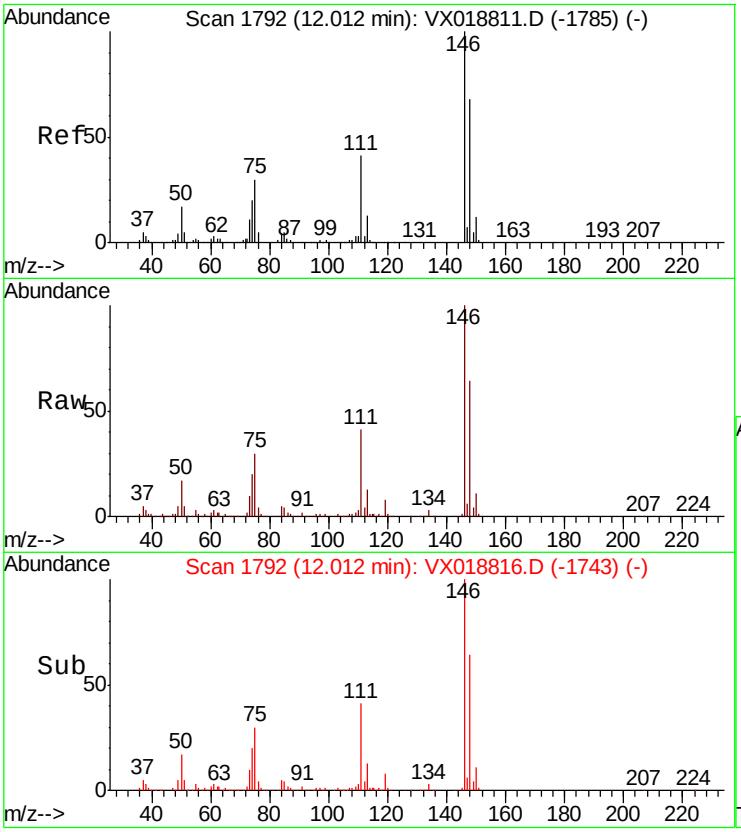


#58
Isopropylbenzene
Concen: 0.105 ug/L
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018816.D
Acq: 07 Oct 2020 17:15

Tgt Ion:105 Resp: 3236

Ion	Ratio	Lower	Upper
105	100		
120	31.1	20.2	30.2#
77	21.6	13.3	19.9#



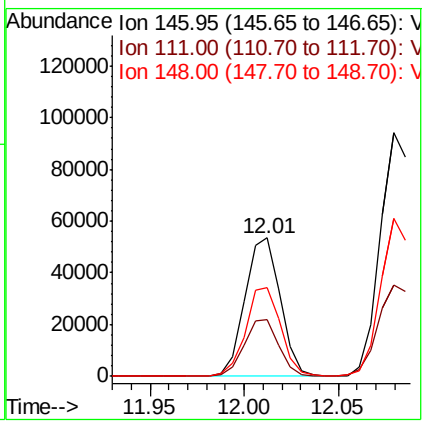


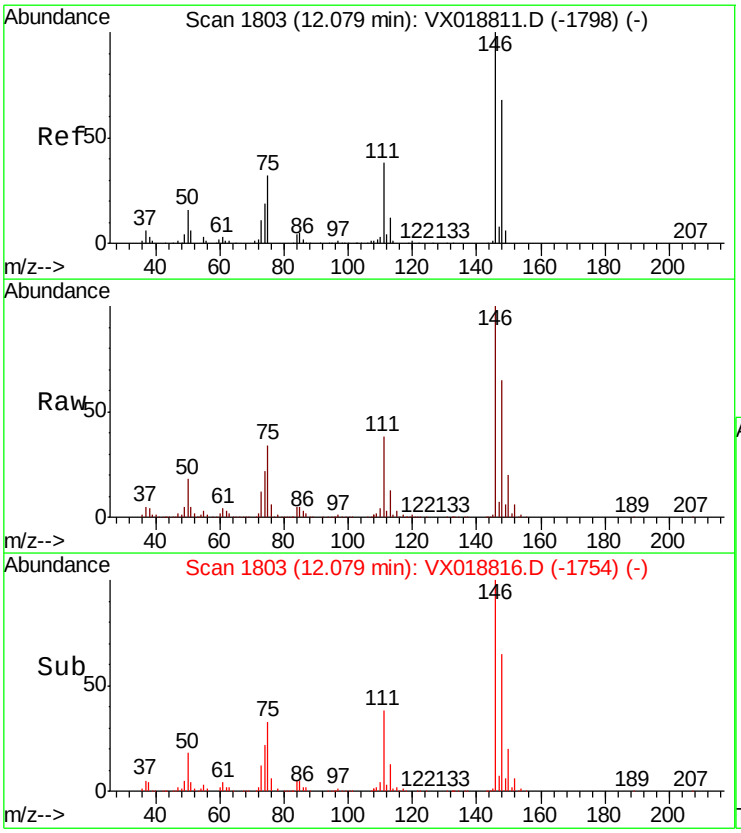
#63
1,3-Dichlorobenzene
Concen: 4.675 ug/L
RT: 12.01 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX018816.D
Acq: 07 Oct 2020 17:15

Instrument : MSVOA_X
ClientSampleId : BG3T7

Tgt Ion:146 Resp: 69581

Ion	Ratio	Lower	Upper
146	100		
111	40.7	28.4	52.8
148	64.2	45.9	85.3

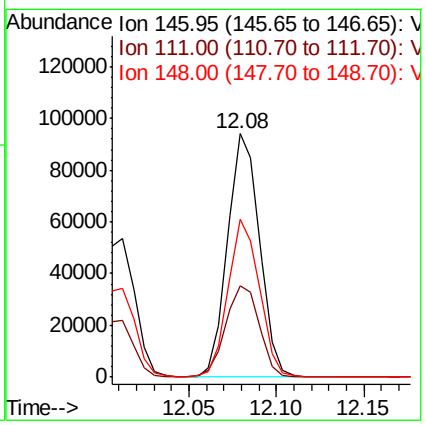


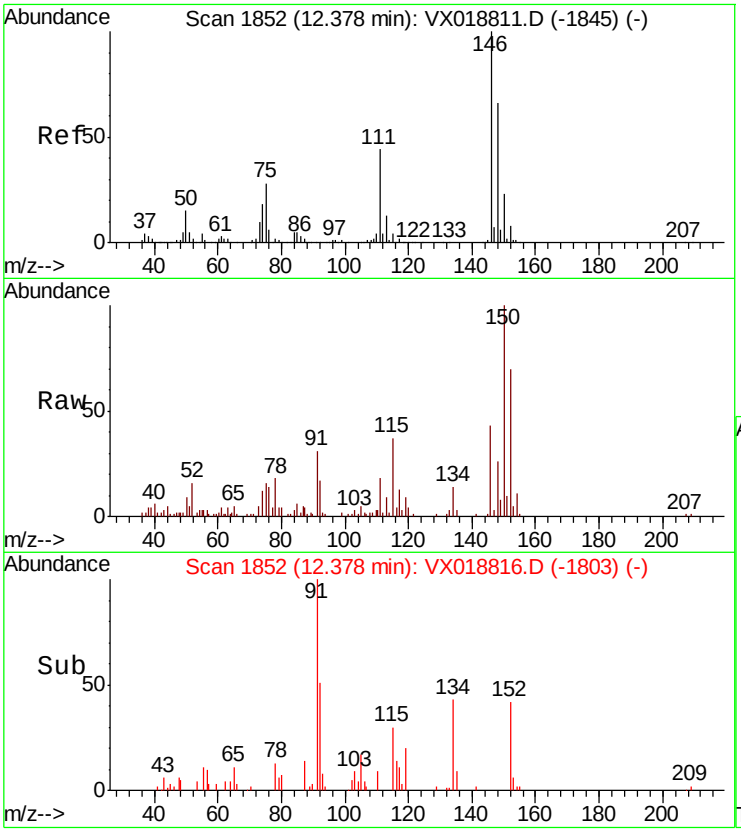


#64
1,4-Dichlorobenzene
Concen: 8.038 ug/L
RT: 12.08 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VX018816.D
Acq: 07 Oct 2020 17:15

Tgt Ion:146 Resp: 119318

Ion	Ratio	Lower	Upper
146	100		
111	37.5	28.6	53.2
148	64.8	44.2	82.0



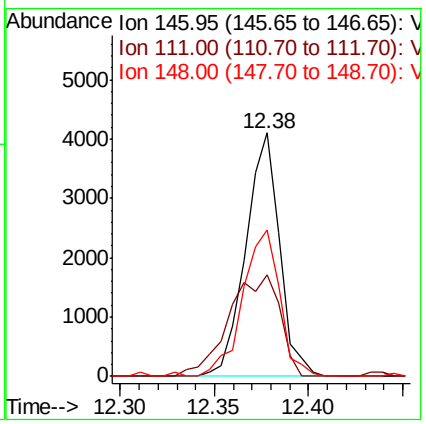


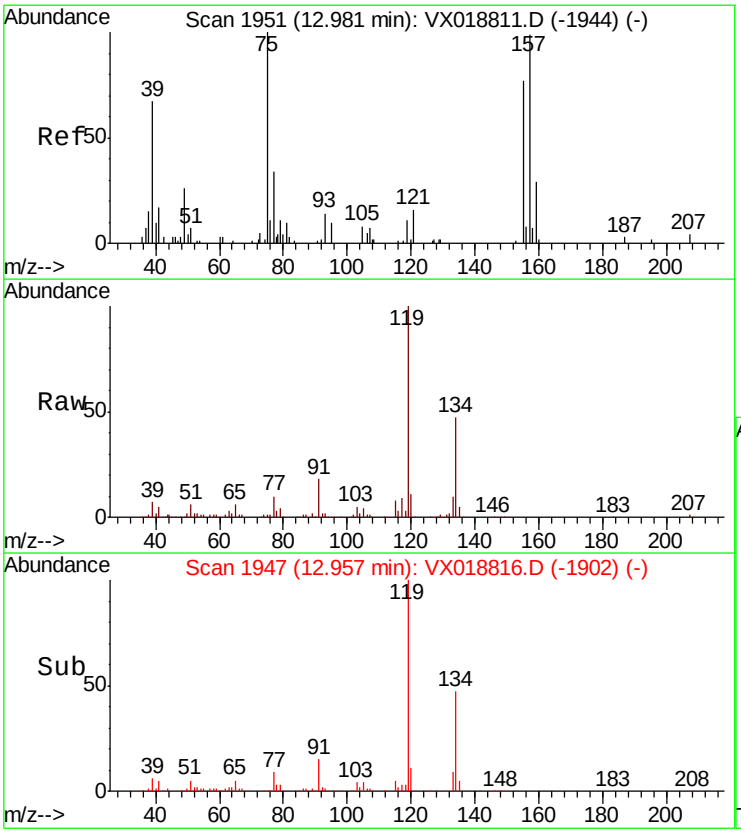
#66
1,2-Dichlorobenzene
Concen: 0.368 ug/L
RT: 12.38 min Scan# 1852
Delta R.T. 0.00 min
Lab File: VX018816.D
Acq: 07 Oct 2020 17:15

Instrument : MSVOA_X
ClientSampleId : BG3T7

Tgt Ion:146 Resp: 5110

Ion	Ratio	Lower	Upper
146	100		
111	41.8	31.7	47.5
148	60.1	49.0	73.6

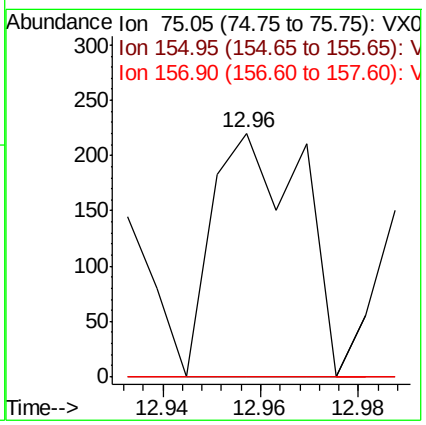


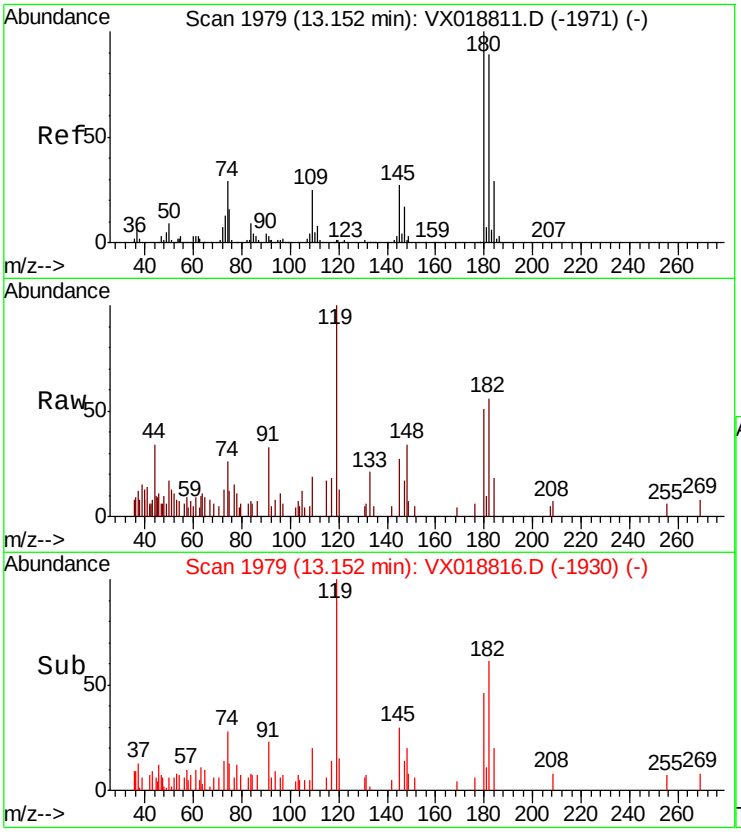


#67
1,2-Dibromo-3-chloropropane
Concen: 0.236 ug/L
RT: 12.96 min Scan# 1947
Delta R.T. -0.02 min
Lab File: VX018816.D
Acq: 07 Oct 2020 17:15

Tgt Ion: 75 Resp: 279

Ion	Ratio	Lower	Upper
75	100		
155	0.0	61.1	91.7#
157	0.0	74.2	111.2#



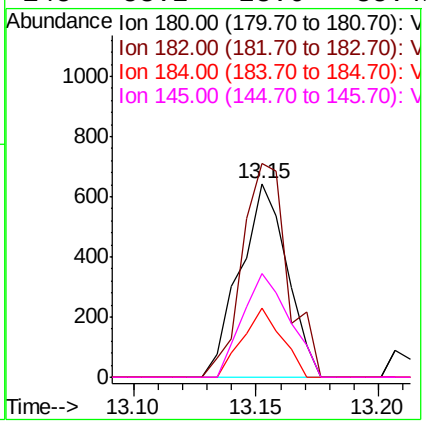


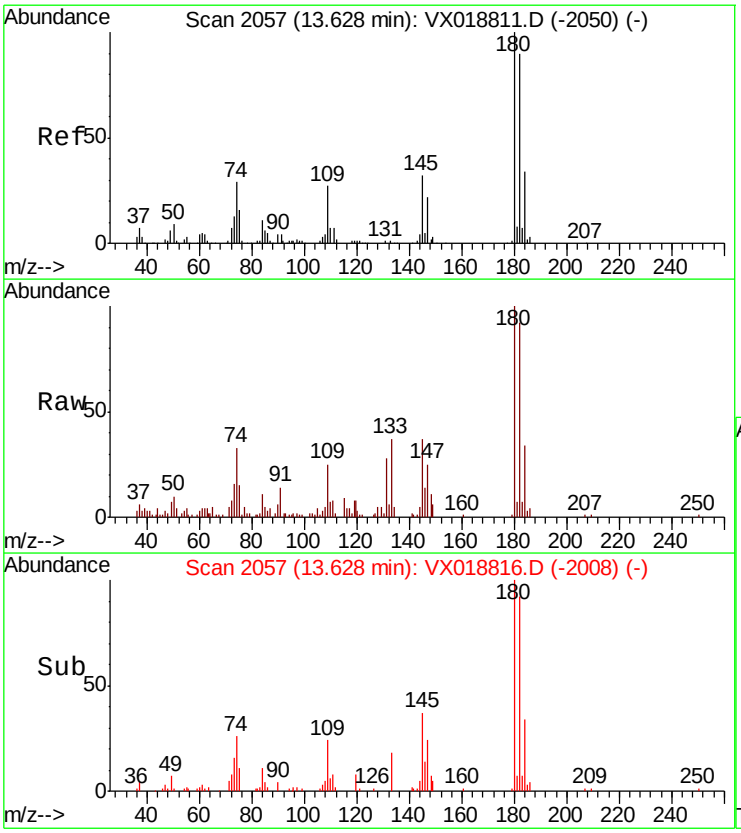
#68
1,3,5-Trichlorobenzene
Concen: 0.075 ug/L
RT: 13.15 min Scan# 1979
Delta R.T. 0.00 min
Lab File: VX018816.D
Acq: 07 Oct 2020 17:15

Instrument :
MSVOA_X
ClientSampleId :
BG3T7

Tgt Ion:180 Resp: 864

Ion	Ratio	Lower	Upper
180	100		
182	106.1	74.1	111.1
184	29.9	23.4	35.2
145	53.2	23.6	35.4#

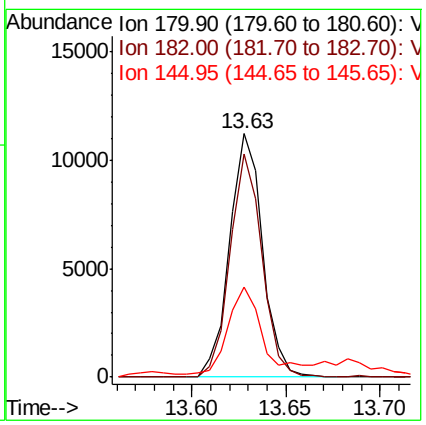


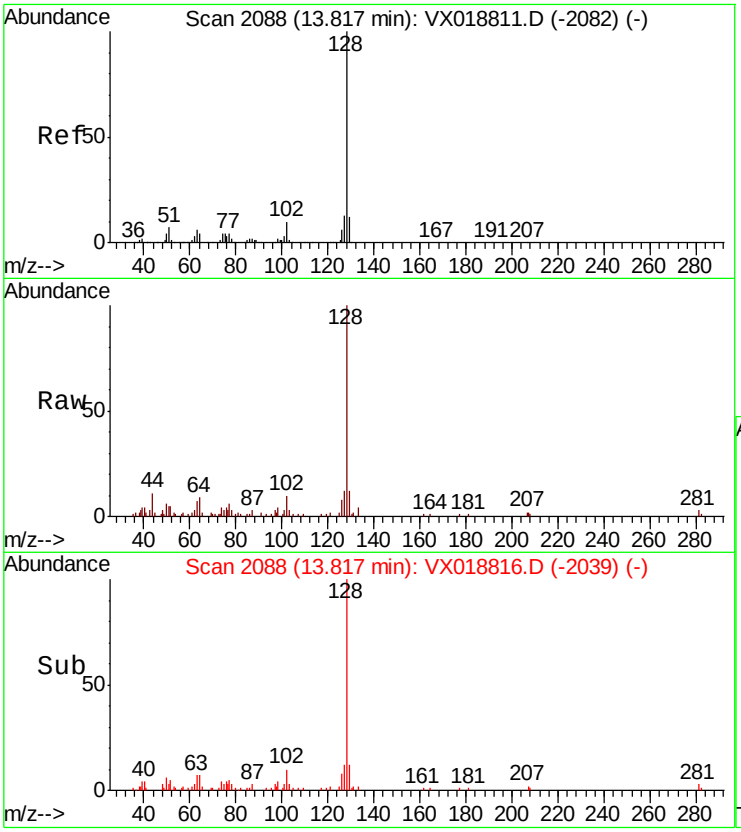


#69
1,2,4-trichlorobenzene
Concen: 1.432 ug/L
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX018816.D
Acq: 07 Oct 2020 17:15

Tgt Ion:180 Resp: 13616

Ion	Ratio	Lower	Upper
180	100		
182	88.4	80.2	120.4
145	41.4	25.2	37.8#



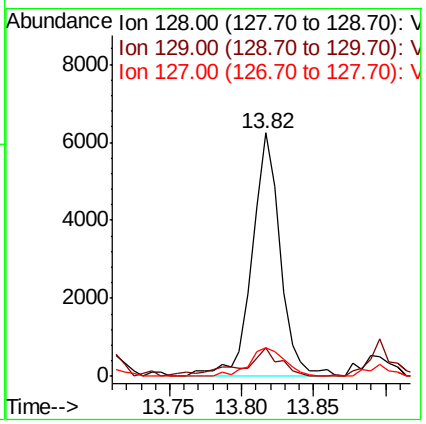


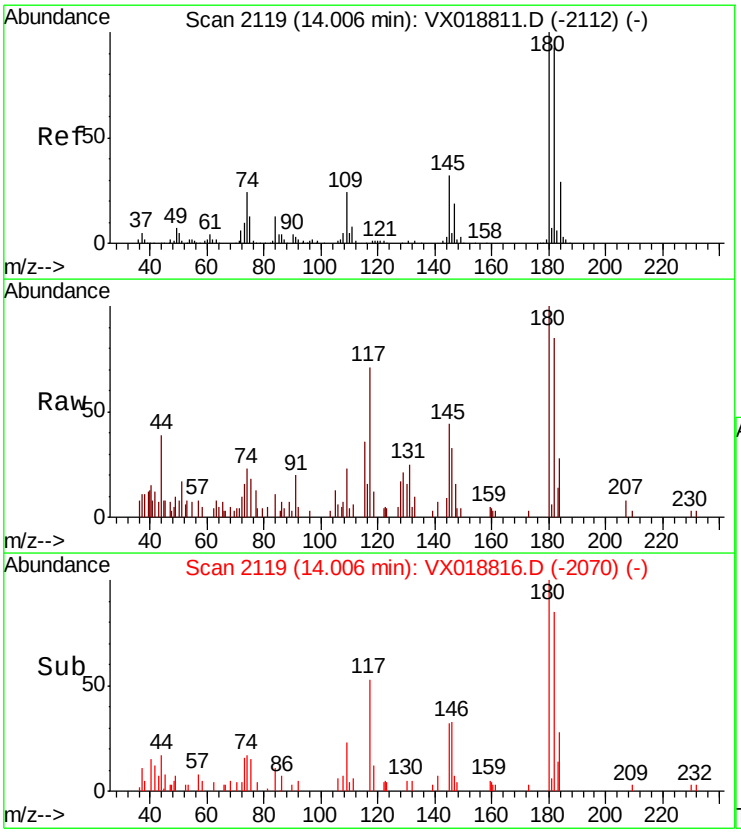
#70
Naphthalene
Concen: 0.541 ug/L
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018816.D
Acq: 07 Oct 2020 17:15

Instrument :
MSVOA_X
ClientSampleId :
BG3T7

Tgt Ion:128 Resp: 8403

Ion	Ratio	Lower	Upper
128	100		
129	16.2	9.0	13.4#
127	14.8	10.5	15.7





#71
1,2,3-Trichlorobenzene
Concen: 0.259 ug/L
RT: 14.01 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VX018816.D
Acq: 07 Oct 2020 17:15

Tgt Ion:180 Resp: 2218

Ion	Ratio	Lower	Upper
180	100		
182	112.4	73.6	110.4#
145	56.5	26.6	40.0#