Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

Quant Time: Oct 07 01:32:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 07 01:30:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	132730	5.00	ug/L		0.00
28) Chlorobenzene-d5	10.10	117	131887	5.00	ug/L		0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	68328	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.39	65	37787	4.87	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.40%				
7) Chloroethane-d5	1.70	69	33287	5.49	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 109.80%				
11) 1,1-Dichloroethene-d2	2.34	63	64677	3.70	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.00%				
20) 2-Butanone-d5	4.56	46	134898	66.33	ug/L		0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 132.66%#				
24) Chloroform-d	5.14	84	94289	5.03	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%				
26) 1,2-Dichloroethane-d4	6.03	65	54780	4.78	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.60%				
32) Benzene-d6	6.05	84	173333	5.29	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.80%				
36) 1,2-Dichloropropane-d6	7.37	67	53261	5.62	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 112.40%				
41) Toluene-d8	8.70	98	168541	5.22	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.40%				
45) trans-1,3-Dichloropropene-	8.99	79	29407	5.77	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 115.40%				
48) 2-Hexanone-d5	9.43	63	112722	65.98	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 131.96%#				
59) 1,1,2,2-Tetrachloroethane-	11.23	84	42912	5.57	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 111.40%				
65) 1,2-Dichlorobenzene-d4	12.36	152	69771	5.54	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.80%				
Target Compounds							Qvalue
5) Vinyl chloride	1.21	62	397	0.055	ug/L		85
15) Methyl Acetate	2.87	43	1479483	542.147	ug/L	#	48
16) Methylene chloride	2.84	84	3050	0.380	ug/L	#	1
19) 1,1-Dichloroethane	3.50	63	13964	1.110	ug/L	#	9
21) 2-Butanone	4.53	43	18685	11.560	ug/L	#	51
30) Cyclohexane	5.55	56	68273	6.309	ug/L		98
33) Benzene	6.12	78	8665	0.314	ug/L		100
35) Methylcyclohexane	7.44	83	11786	1.020	ug/L	#	83
38) Bromodichloromethane	7.92	83	959	0.087	ug/L	#	25
40) 4-Methyl-2-pentanone	8.65	43	7187	1.793	ug/L	#	1
42) Toluene	8.76	91	3251	0.108	ug/L		85
43) 1,3,5-Trimethylbenzene	11.49	105	36475	1.275	ug/L		97
44) 1,2,4-Trimethylbenzene	11.79	105	114143	3.932	ug/L		97
47) 1,1,2-Trichloroethane	9.15	97	62458	11.961	ug/L	#	21
50) 2-Hexanone	9.43	43	24242	8.327	ug/L	#	51
53) Chlorobenzene	10.12	112	983278	47.566	ug/L		94
54) Ethylbenzene	10.23	91	18378	0.542	ug/L		96

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

Quant Time: Oct 07 01:32:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 07 01:30:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
55) m,p-xylene	10.34	106	17369	1.314	ug/L		96
56) o-xylene	10.68	106	2654	0.217	ug/L		96
58) Isopropylbenzene	11.00	105	8348	0.244	ug/L	#	94
60) 1,1,2,2-Tetrachloroethane	11.26	83	664	0.115	ug/L	#	76
63) 1,3-Dichlorobenzene	12.01	146	156888	9.447	ug/L		95
64) 1,4-Dichlorobenzene	12.08	146	254070	15.340	ug/L		98
66) 1,2-Dichlorobenzene	12.37	146	7939	0.512	ug/L	#	85
67) 1,2-Dibromo-3-chloropropan	12.96	75	1547	1.171	ug/L	#	7
68) 1,3,5-Trichlorobenzene	13.15	180	3640	0.285	ug/L	#	90
69) 1,2,4-trichlorobenzene	13.63	180	40061	3.775	ug/L	#	90
70) Naphthalene	13.82	128	21643	1.248	ug/L		97
71) 1,2,3-Trichlorobenzene	14.00	180	6187	0.648	ug/L	#	57

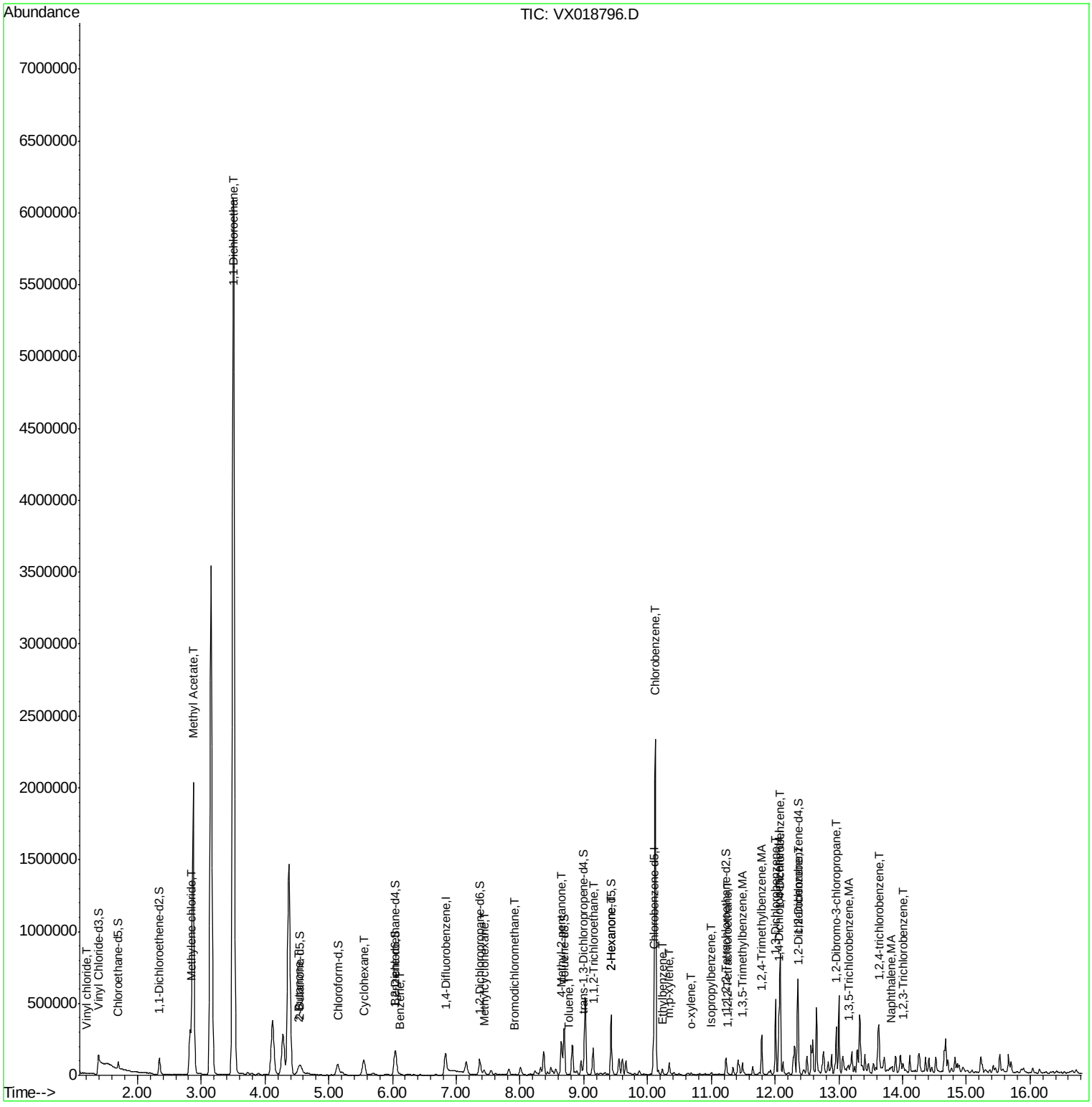
(#) = qualifier out of range (m) = manual integration (+) = signals summed

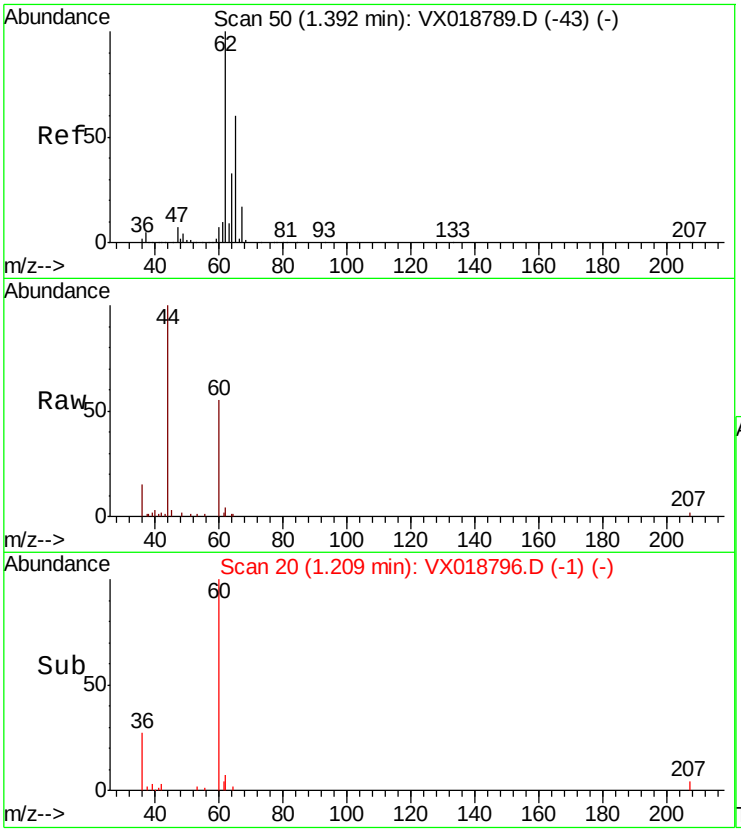
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG3R0

Quant Time: Oct 07 01:32:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 07 01:30:09 2020
Response via : Initial Calibration



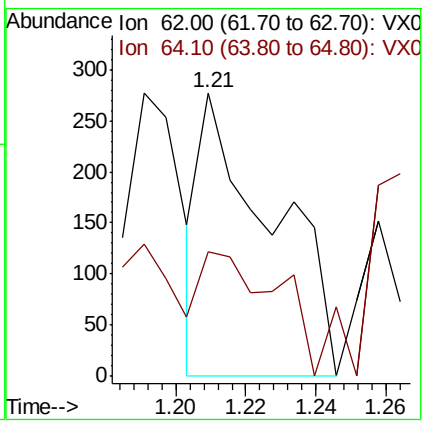


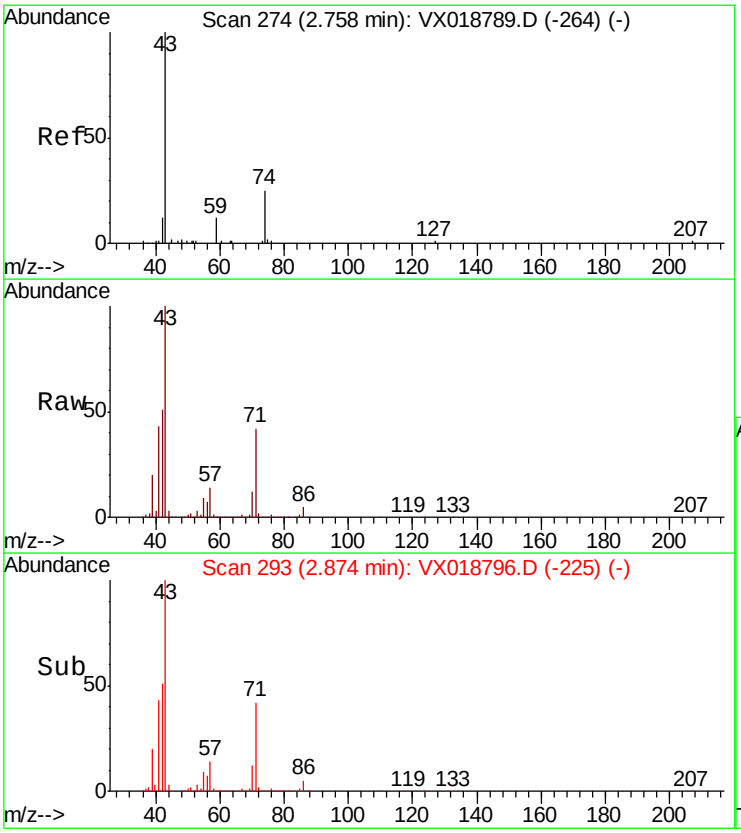
#5
Vinyl chloride
Concen: 0.055 ug/L
RT: 1.21 min Scan# 20
Delta R.T. -0.18 min
Lab File: VX018796.D
Acq: 06 Oct 2020 13:50

Instrument : MSVOA_X
ClientSampleId : BG3R0

Tgt Ion: 62 Resp: 397

Ion	Ratio	Lower	Upper
62	100		
64	43.5	24.3	45.1

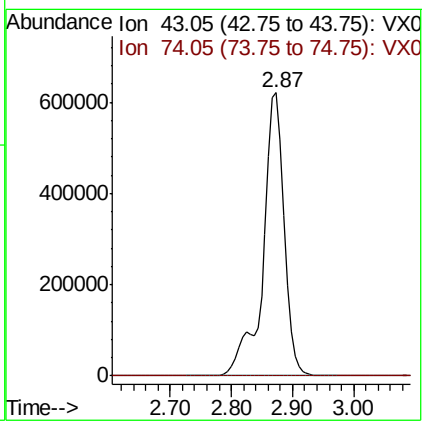


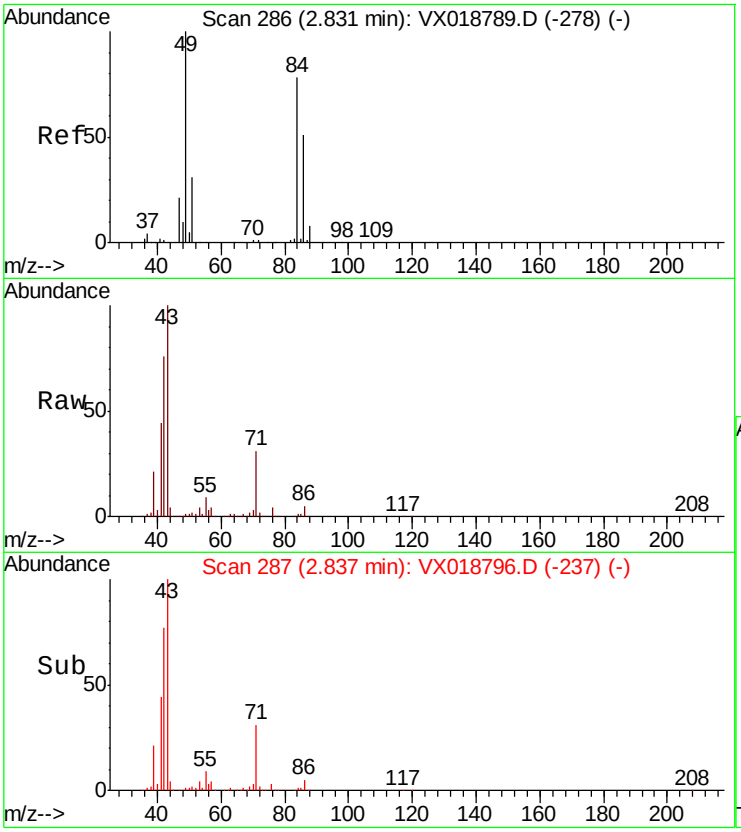


#15
Methyl Acetate
Concen: 542.147 ug/L
RT: 2.87 min Scan# 293
Delta R.T. 0.12 min
Lab File: VX018796.D
Acq: 06 Oct 2020 13:50

Tgt Ion: 43 Resp: 1479483

Ion	Ratio	Lower	Upper
43	100		
74	0.1	21.9	32.9#



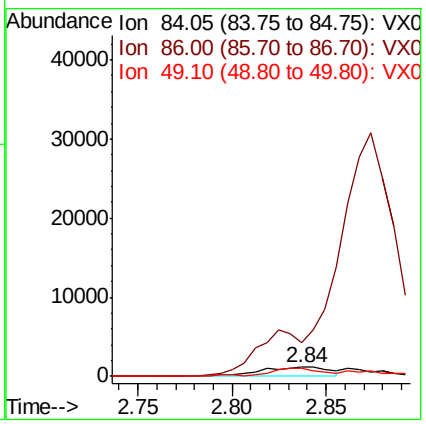


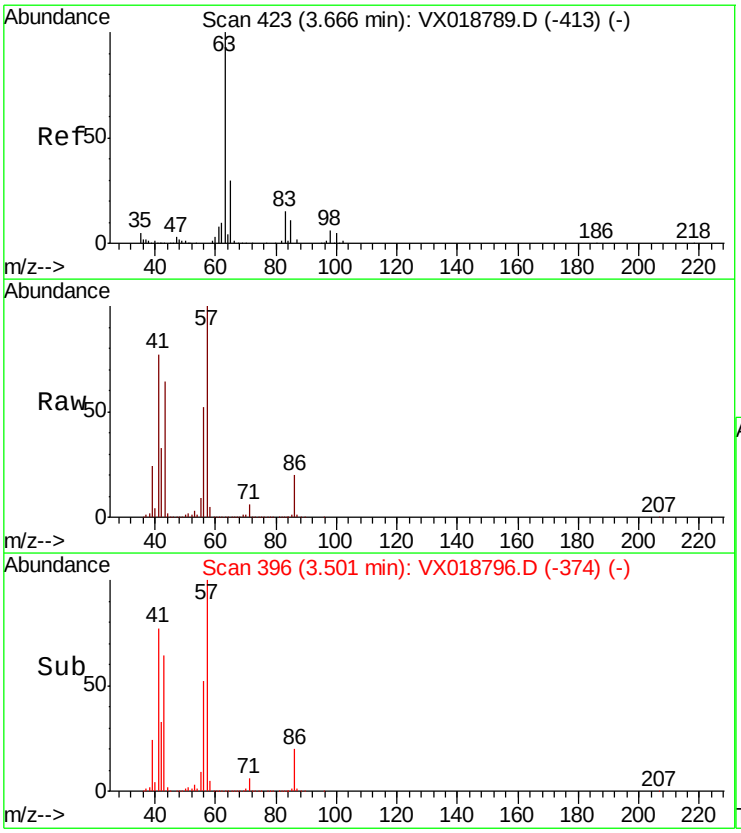
#16
Methylene chloride
Concen: 0.380 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018796.D
Acq: 06 Oct 2020 13:50

Instrument : MSVOA_X
ClientSampleId : BG3R0

Tgt Ion: 84 Resp: 3050

Ion	Ratio	Lower	Upper
84	100		
86	383.7	45.6	84.8#
49	85.9	85.8	159.3

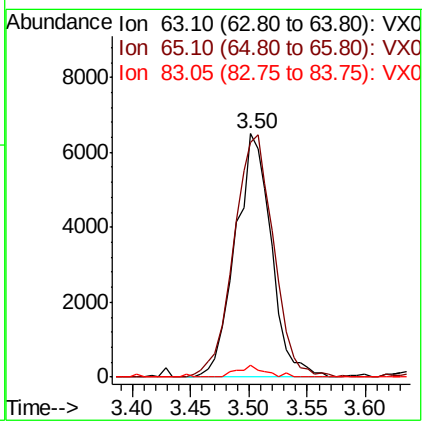


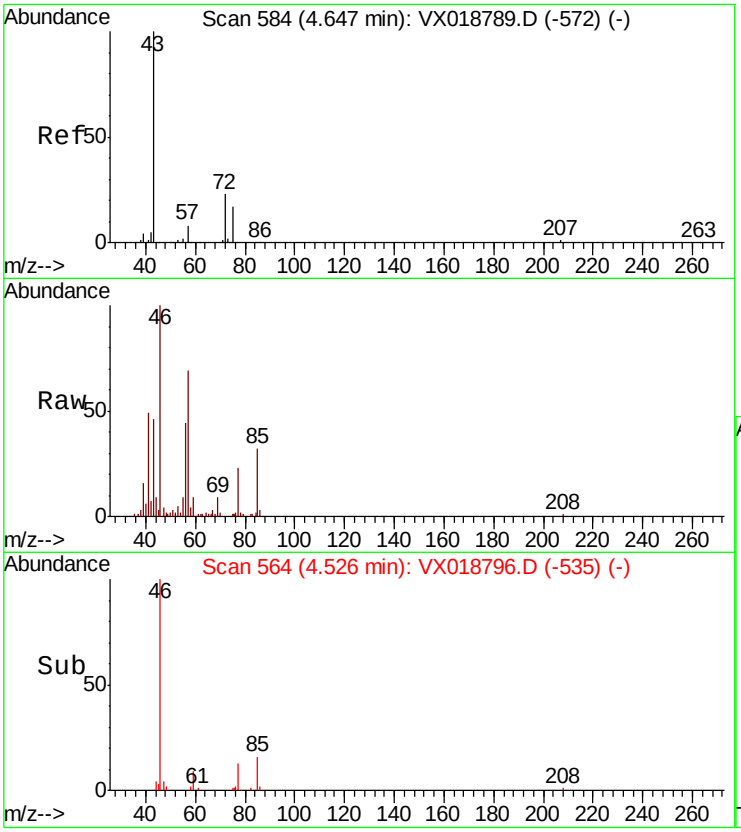


#19
1,1-Dichloroethane
Concen: 1.110 ug/L
RT: 3.50 min Scan# 396
Delta R.T. -0.16 min
Lab File: VX018796.D
Acq: 06 Oct 2020 13:50

Tgt Ion: 63 Resp: 13964

Ion	Ratio	Lower	Upper
63	100		
65	96.4	21.6	40.2#
83	5.0	8.7	16.1#



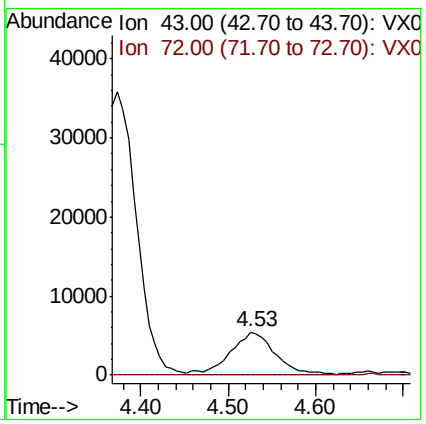


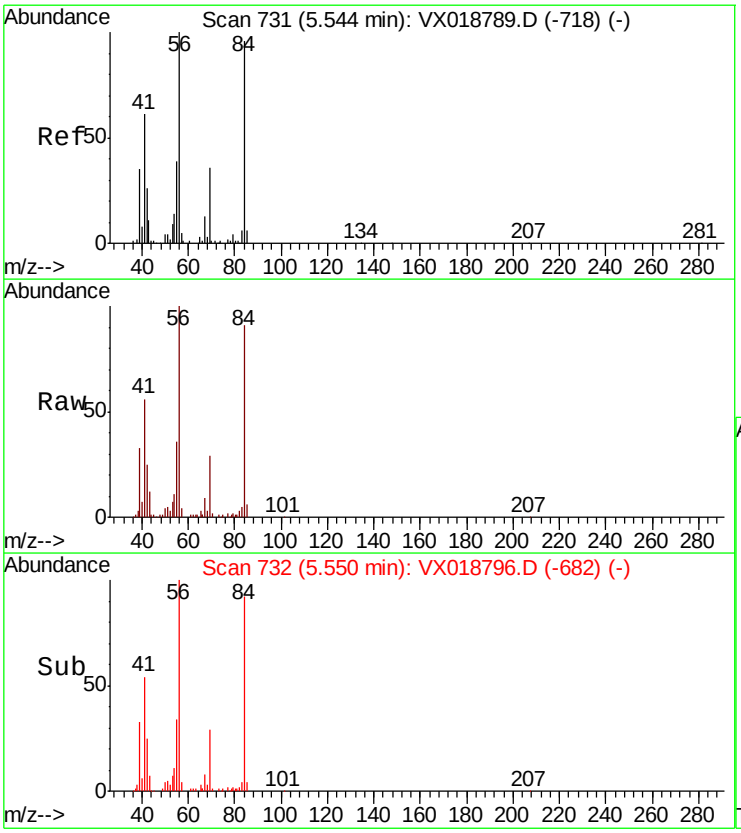
#21
2-Butanone
Concen: 11.560 ug/L
RT: 4.53 min Scan# 564
Delta R.T. -0.12 min
Lab File: VX018796.D
Acq: 06 Oct 2020 13:50

Instrument :
MSVOA_X
ClientSampleId :
BG3R0

Tgt Ion: 43 Resp: 18685

Ion	Ratio	Lower	Upper
43	100		
72	0.2	12.4	37.2#

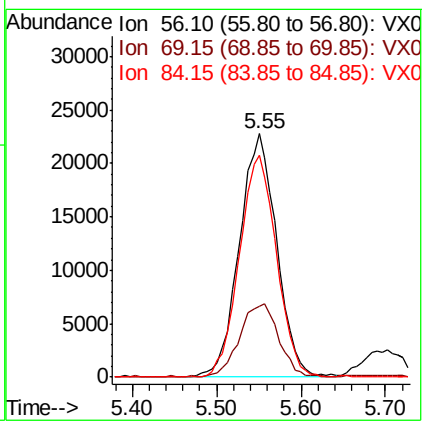


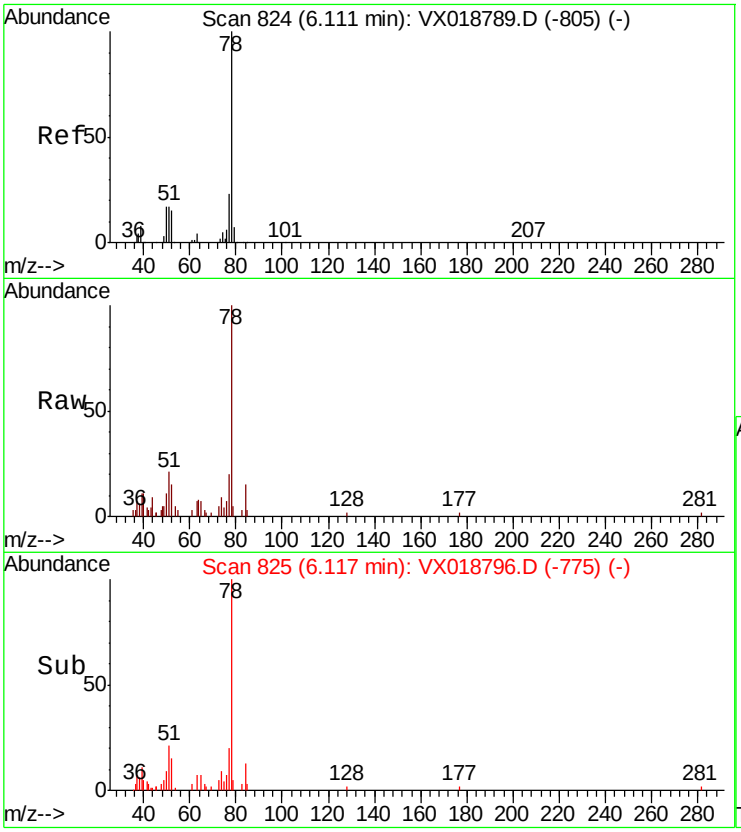


#30
Cyclohexane
Concen: 6.309 ug/L
RT: 5.55 min Scan# 732
Delta R.T. 0.01 min
Lab File: VX018796.D
Acq: 06 Oct 2020 13:50

Tgt Ion: 56 Resp: 68273

Ion	Ratio	Lower	Upper
56	100		
69	31.7	26.0	39.0
84	90.7	73.8	110.6

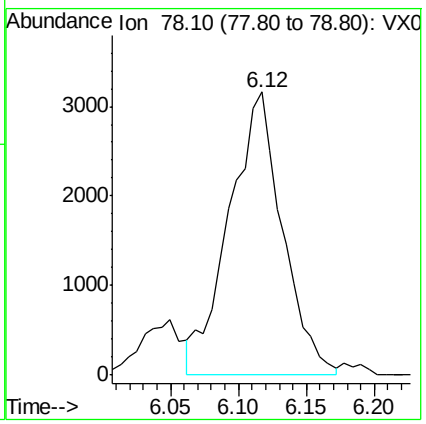


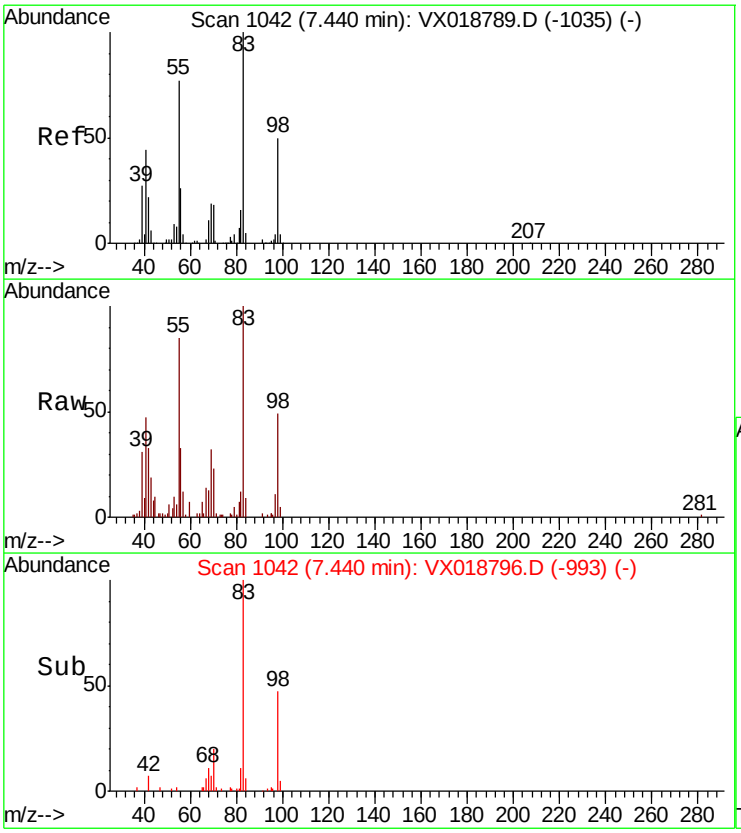


#33
Benzene
Concen: 0.314 ug/L
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018796.D
Acq: 06 Oct 2020 13:50

Instrument :
MSVOA_X
ClientSampleId :
BG3R0

Tgt Ion: 78 Resp: 8665

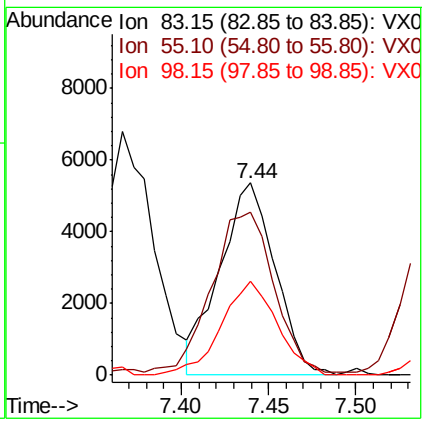


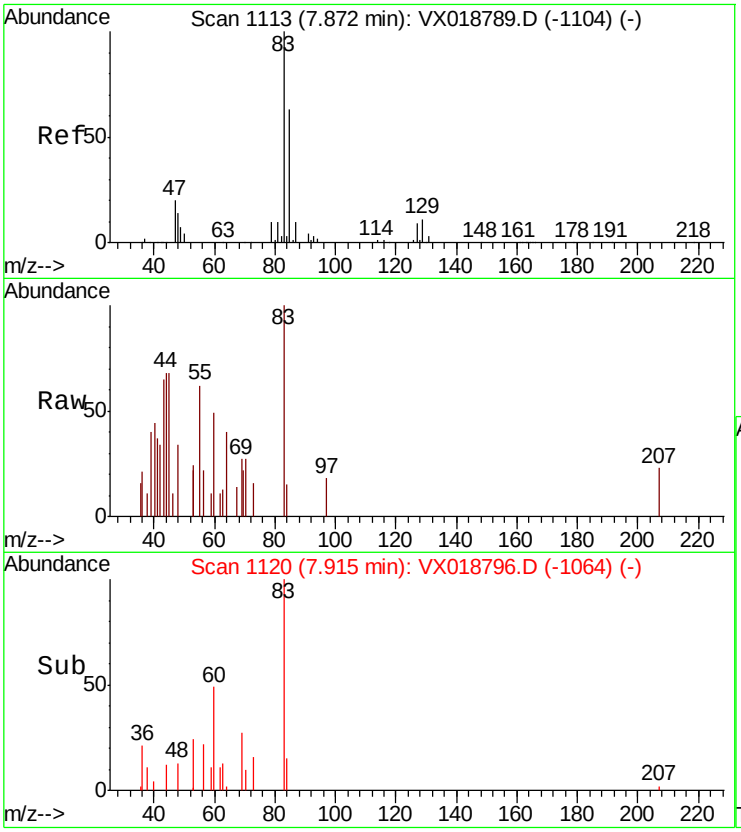


#35
Methylcyclohexane
Concen: 1.020 ug/L
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018796.D
Acq: 06 Oct 2020 13:50

Tgt Ion: 83 Resp: 11786

Ion	Ratio	Lower	Upper
83	100		
55	98.9	60.3	90.5#
98	49.4	39.4	59.0



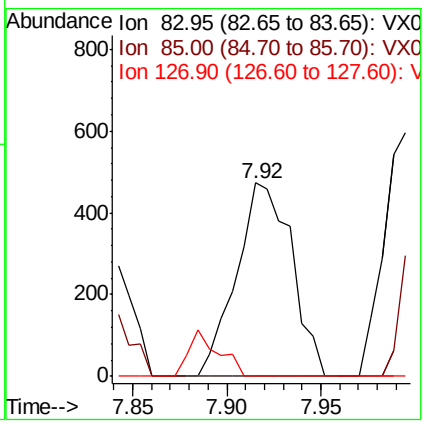


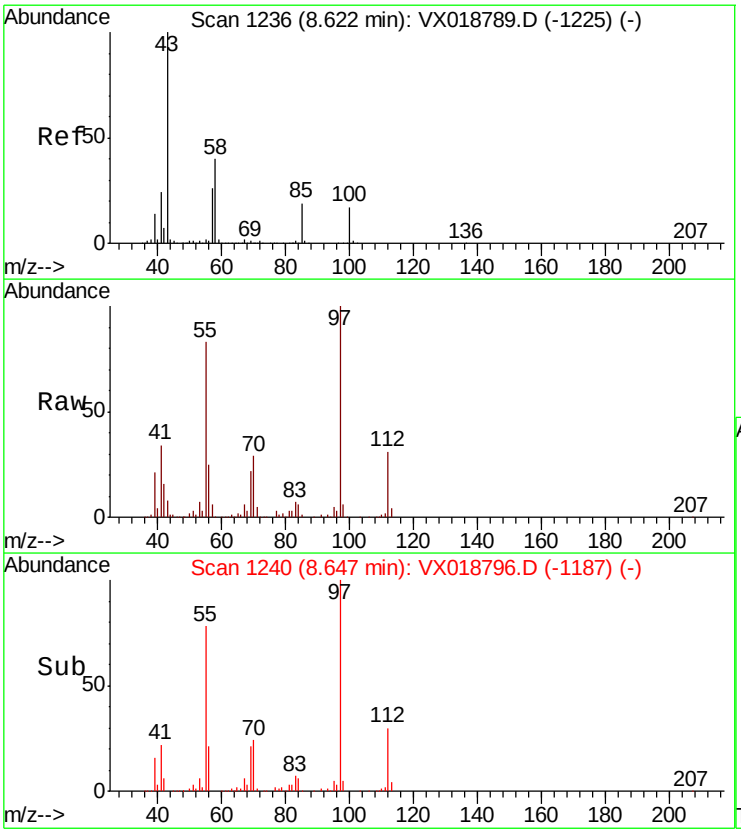
#38
Bromodichloromethane
Concen: 0.087 ug/L
RT: 7.92 min Scan# 1120
Delta R.T. 0.04 min
Lab File: VX018796.D
Acq: 06 Oct 2020 13:50

Instrument : MSVOA_X
ClientSampleId : BG3R0

Tgt Ion: 83 Resp: 959

Ion	Ratio	Lower	Upper
83	100		
85	0.0	46.6	86.6#
127	0.0	9.9	14.9#

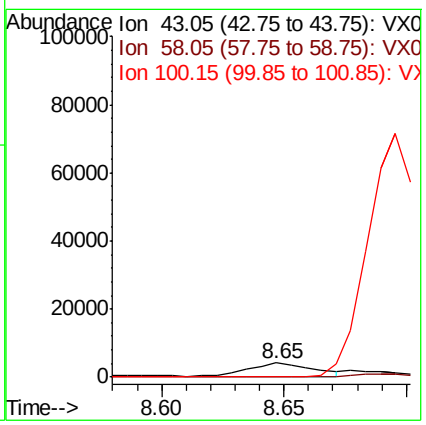


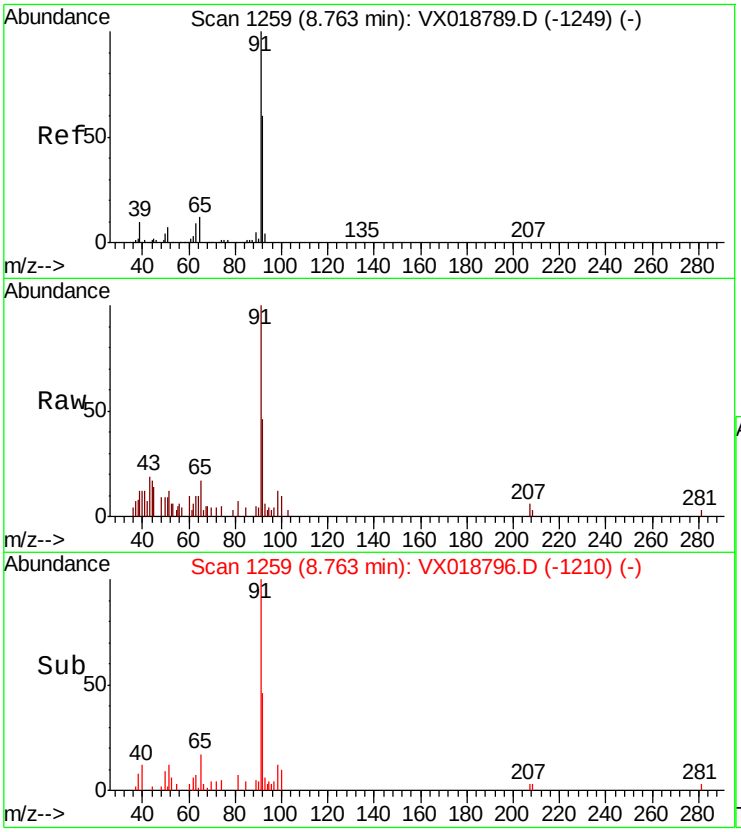


#40
4-Methyl-2-pentanone
Concen: 1.793 ug/L
RT: 8.65 min Scan# 1240
Delta R.T. 0.02 min
Lab File: VX018796.D
Acq: 06 Oct 2020 13:50

Tgt Ion: 43 Resp: 7187

Ion	Ratio	Lower	Upper
43	100		
58	30.9	30.8	46.2
100	1519.9	13.2	19.8#



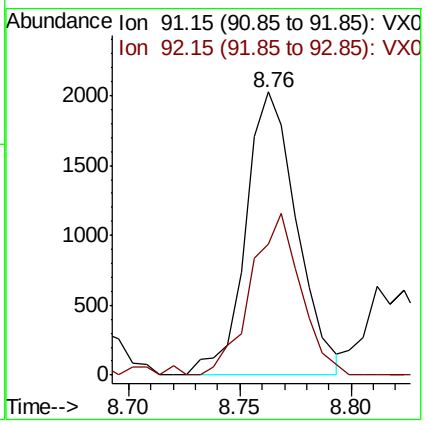


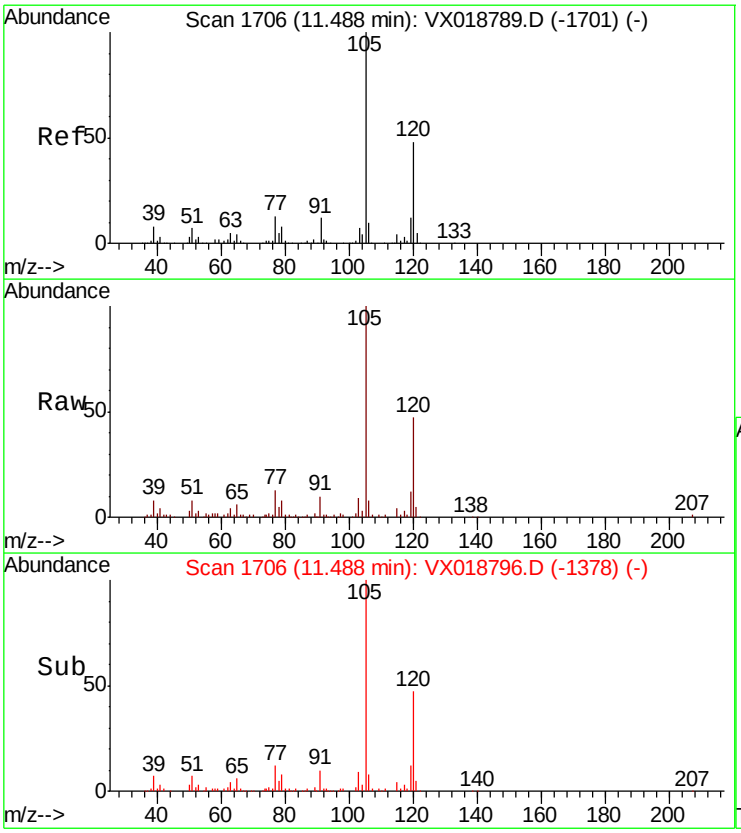
#42
Toluene
Concen: 0.108 ug/L
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX018796.D
Acq: 06 Oct 2020 13:50

Instrument :
MSVOA_X
ClientSampleId :
BG3R0

Tgt Ion: 91 Resp: 3251

Ion	Ratio	Lower	Upper
91	100		
92	46.4	40.3	74.9

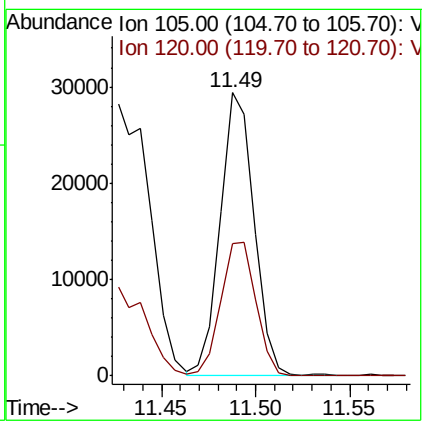


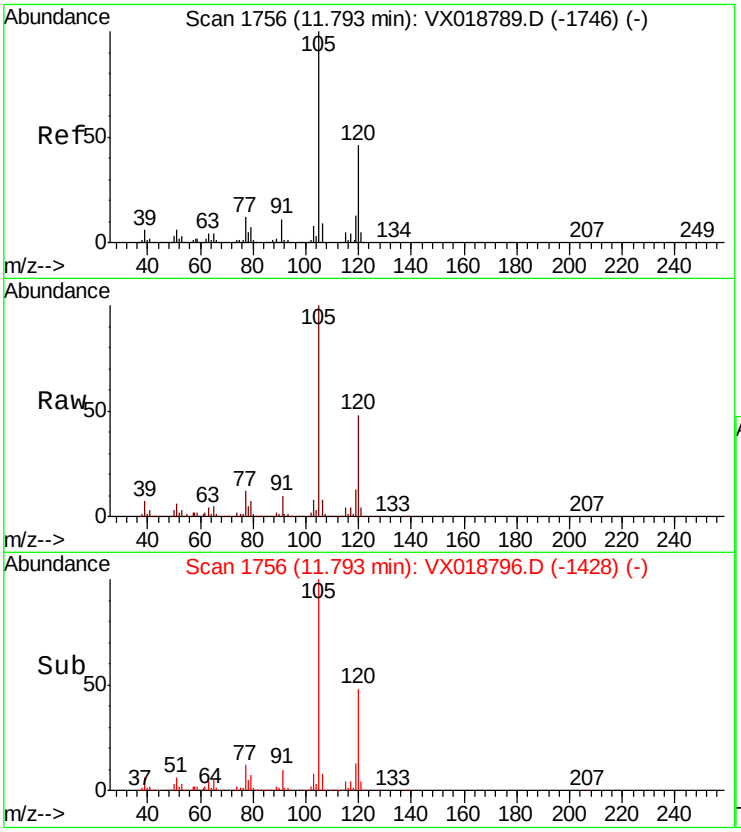


#43
1,3,5-Trimethylbenzene
Concen: 1.275 ug/L
RT: 11.49 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VX018796.D
Acq: 06 Oct 2020 13:50

Tgt Ion:105 Resp: 36475

Ion	Ratio	Lower	Upper
105	100		
120	49.2	37.7	56.5



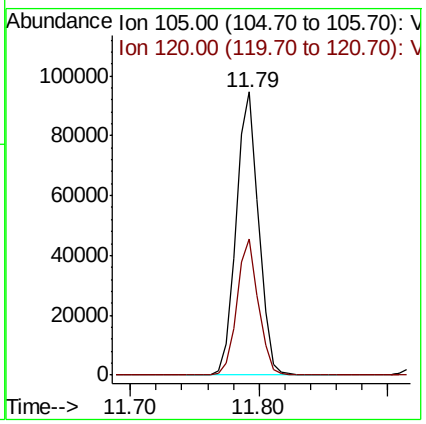


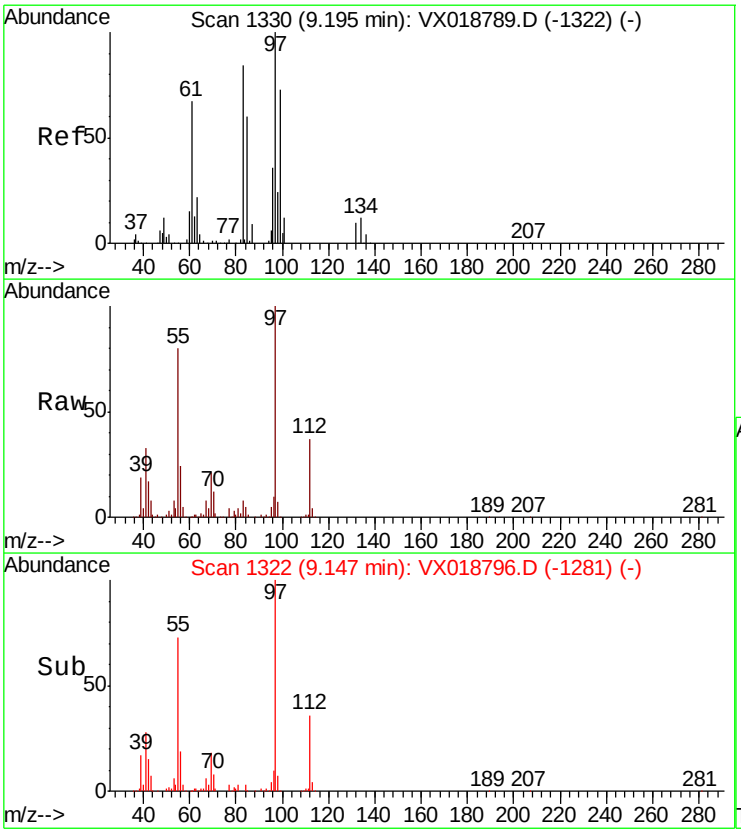
#44
1,2,4-Trimethylbenzene
Concen: 3.932 ug/L
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018796.D
Acq: 06 Oct 2020 13:50

Instrument :
MSVOA_X
ClientSampleId :
BG3R0

Tgt Ion:105 Resp: 114143

Ion	Ratio	Lower	Upper
105	100		
120	46.0	35.1	52.7

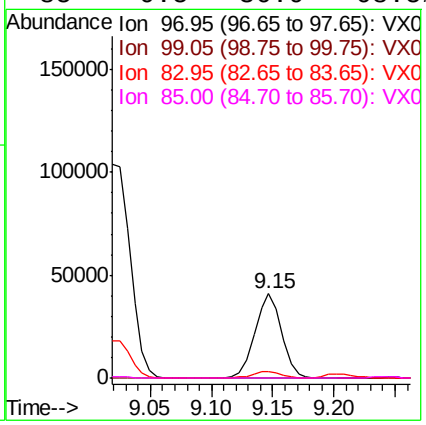


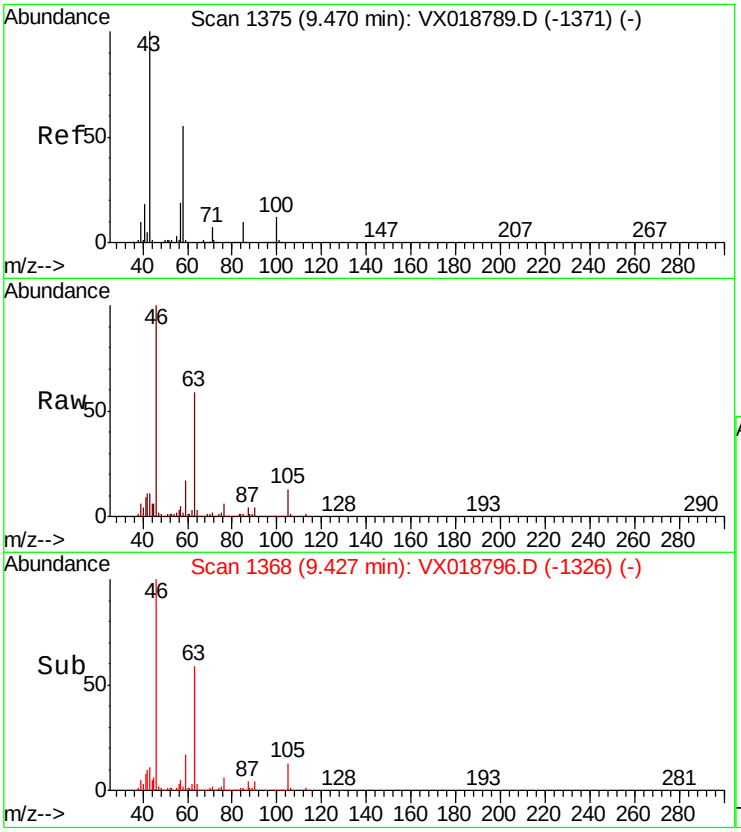


#47
1,1,2-Trichloroethane
Concen: 11.961 ug/L
RT: 9.15 min Scan# 1322
Delta R.T. -0.05 min
Lab File: VX018796.D
Acq: 06 Oct 2020 13:50

Tgt Ion: 97 Resp: 62458

Ion	Ratio	Lower	Upper
97	100		
99	0.4	41.1	76.3#
83	8.2	57.5	106.7#
85	0.5	36.9	68.5#



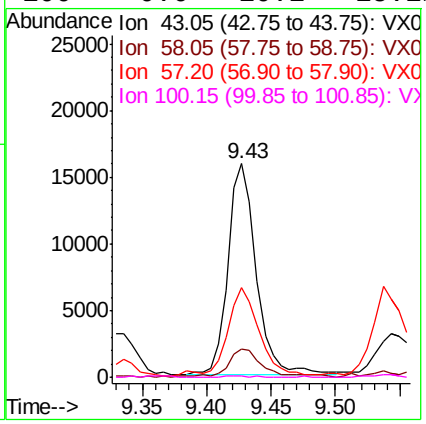


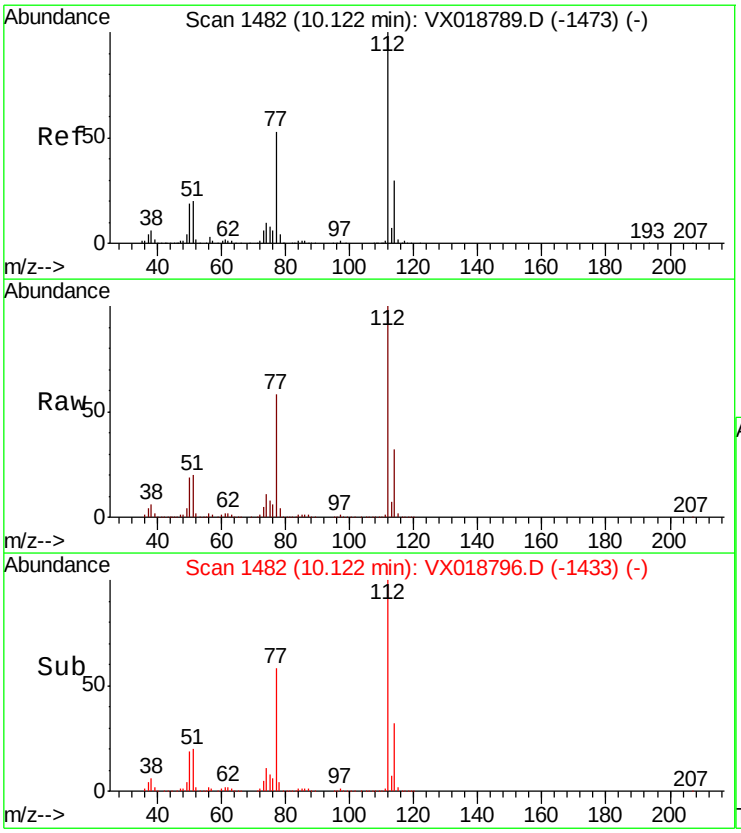
#50
2-Hexanone
Concen: 8.327 ug/L
RT: 9.43 min Scan# 1368
Delta R.T. -0.04 min
Lab File: VX018796.D
Acq: 06 Oct 2020 13:50

Instrument :
MSVOA_X
ClientSampleId :
BG3R0

Tgt Ion: 43 Resp: 24242

Ion	Ratio	Lower	Upper
43	100		
58	15.2	41.0	61.4#
57	43.9	15.9	23.9#
100	0.6	10.1	15.1#

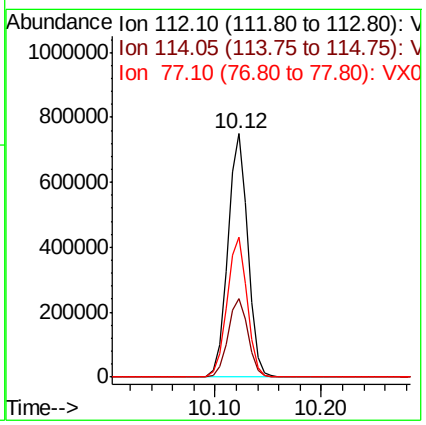


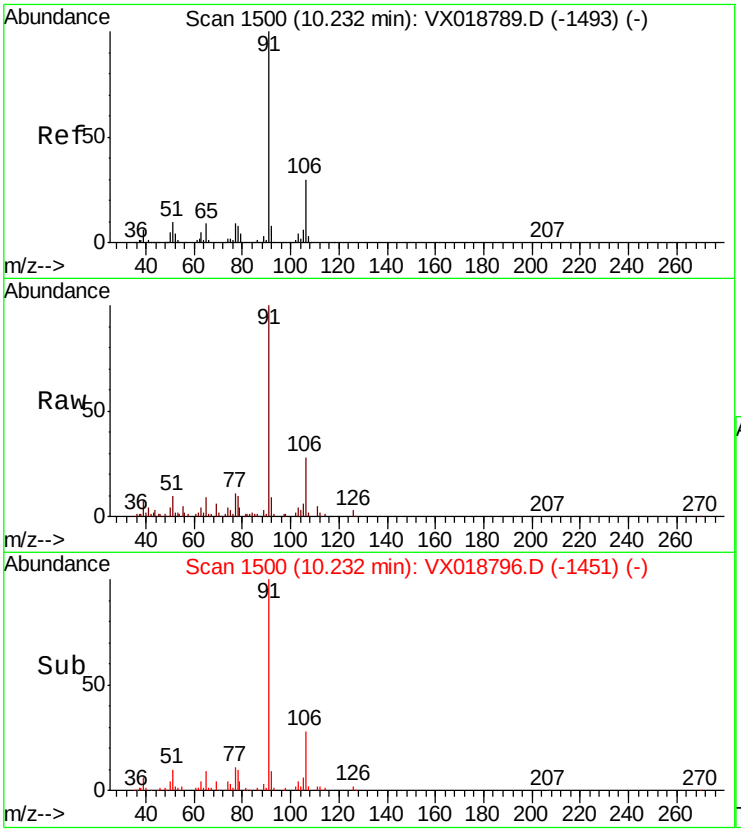


#53
Chlorobenzene
Concen: 47.566 ug/L
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018796.D
Acq: 06 Oct 2020 13:50

Tgt Ion:112 Resp: 983278

Ion	Ratio	Lower	Upper
112	100		
114	32.5	21.3	39.5
77	57.6	42.4	63.6



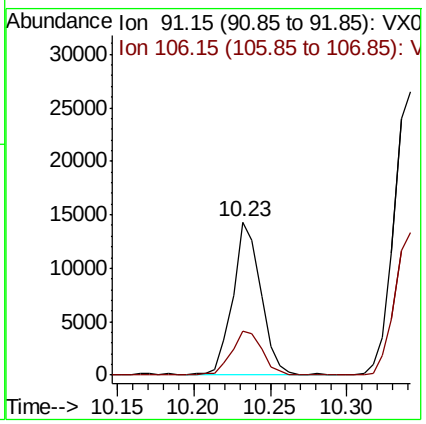


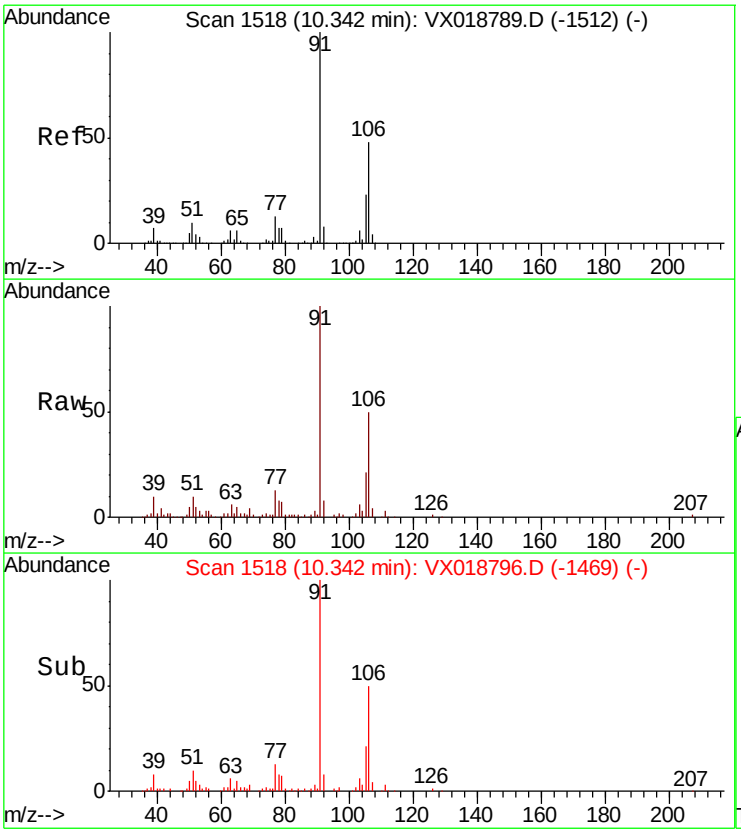
#54
Ethylbenzene
Concen: 0.542 ug/L
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX018796.D
Acq: 06 Oct 2020 13:50

Instrument : MSVOA_X
ClientSampleId : BG3R0

Tgt Ion: 91 Resp: 18378

Ion	Ratio	Lower	Upper
91	100		
106	28.5	21.5	39.9

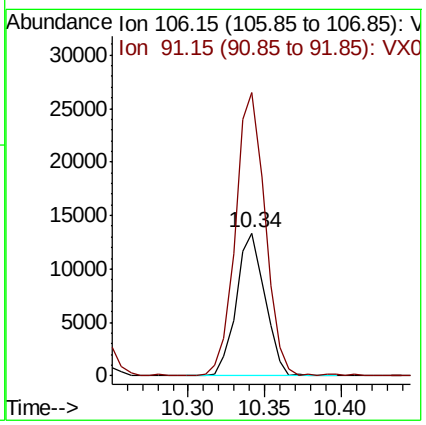


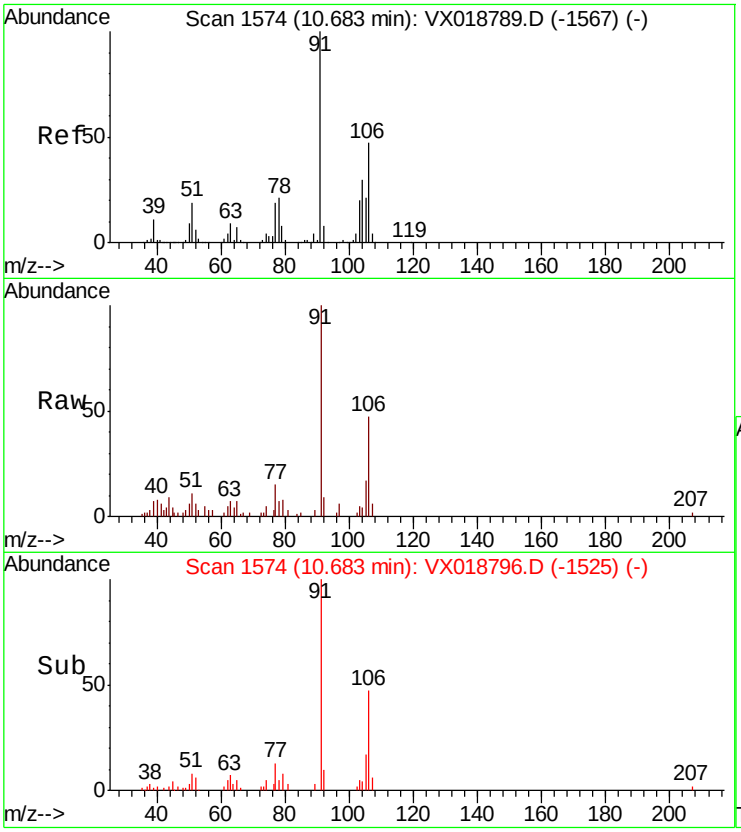


#55
m,p-xylene
Concen: 1.314 ug/L
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018796.D
Acq: 06 Oct 2020 13:50

Tgt Ion:106 Resp: 17369

Ion	Ratio	Lower	Upper
106	100		
91	198.1	143.4	266.2



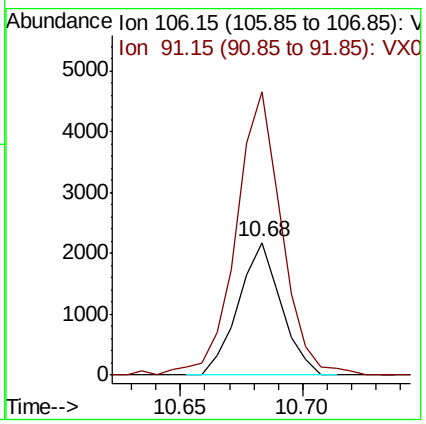


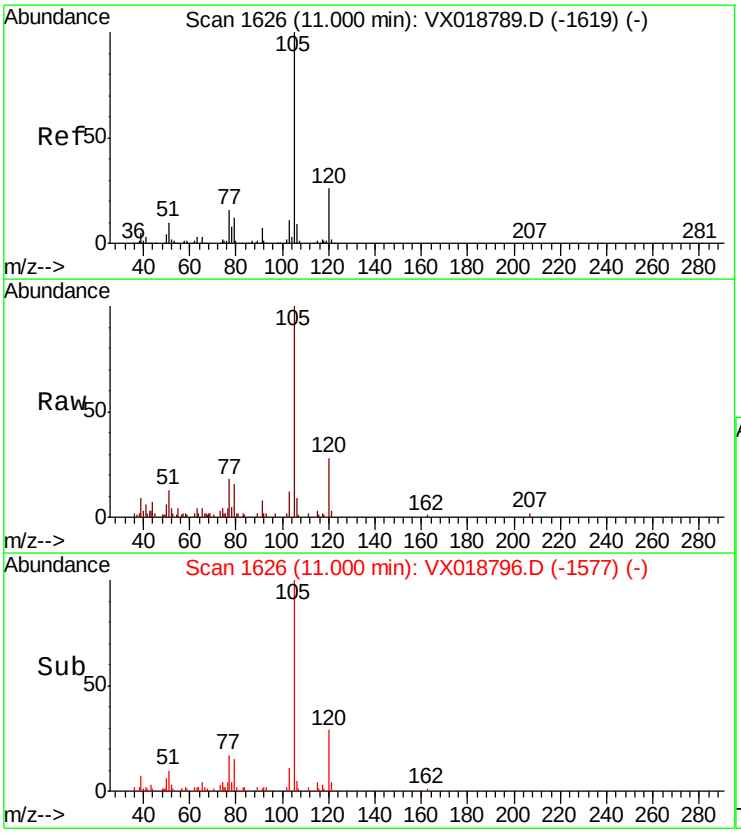
#56
o-xylene
Concen: 0.217 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018796.D
Acq: 06 Oct 2020 13:50

Instrument :
MSVOA_X
ClientSampleId :
BG3R0

Tgt Ion:106 Resp: 2654

Ion	Ratio	Lower	Upper
106	100		
91	213.0	153.4	284.8

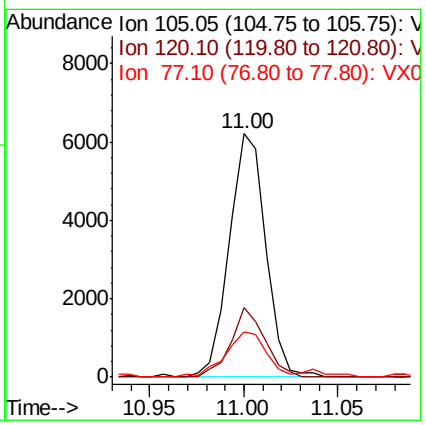


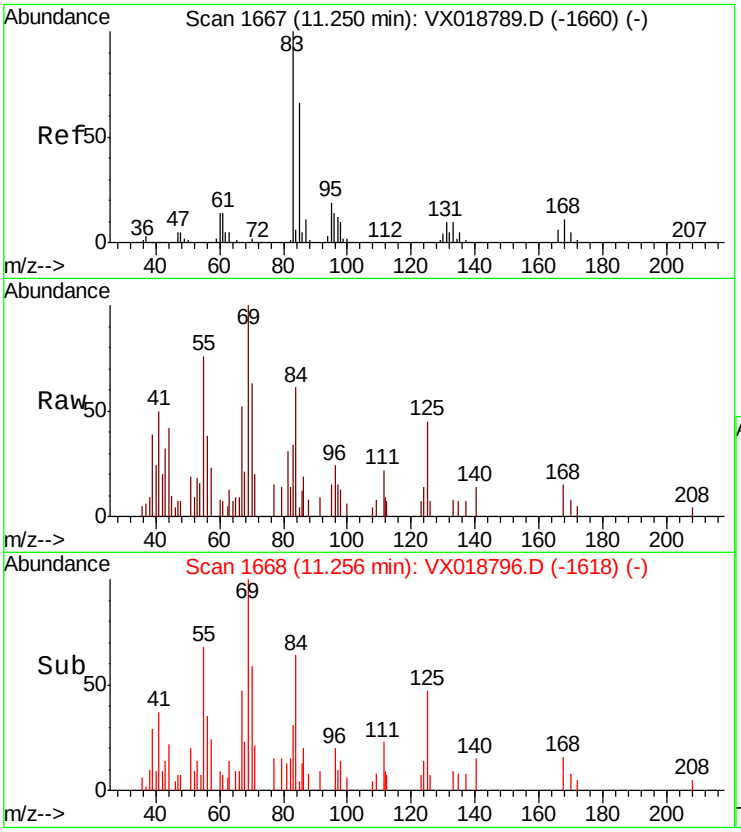


#58
Isopropylbenzene
Concen: 0.244 ug/L
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018796.D
Acq: 06 Oct 2020 13:50

Tgt Ion:105 Resp: 8348

Ion	Ratio	Lower	Upper
105	100		
120	26.4	20.2	30.2
77	21.2	13.3	19.9#



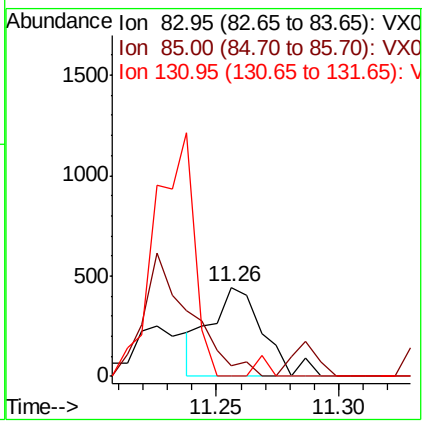


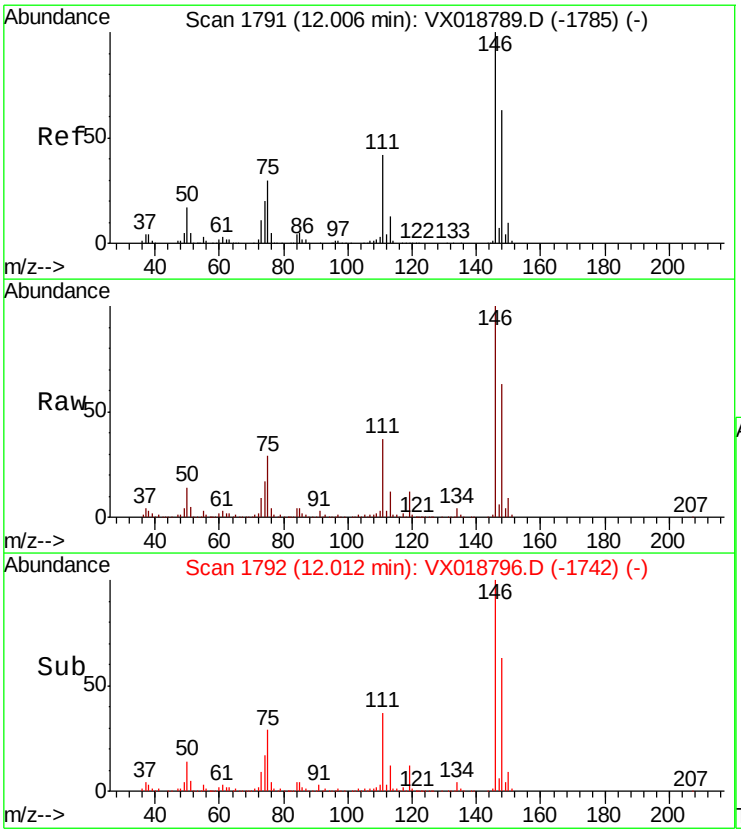
#60
1,1,2,2-Tetrachloroethane
Concen: 0.115 ug/L
RT: 11.26 min Scan# 1668
Delta R.T. 0.01 min
Lab File: VX018796.D
Acq: 06 Oct 2020 13:50

Instrument : MSVOA_X
ClientSampleId : BG3R0

Tgt Ion: 83 Resp: 664

Ion	Ratio	Lower	Upper
83	100		
85	48.1	46.5	86.5
131	0.0	9.6	14.4#

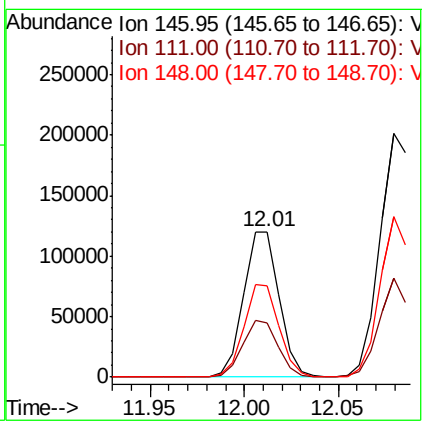


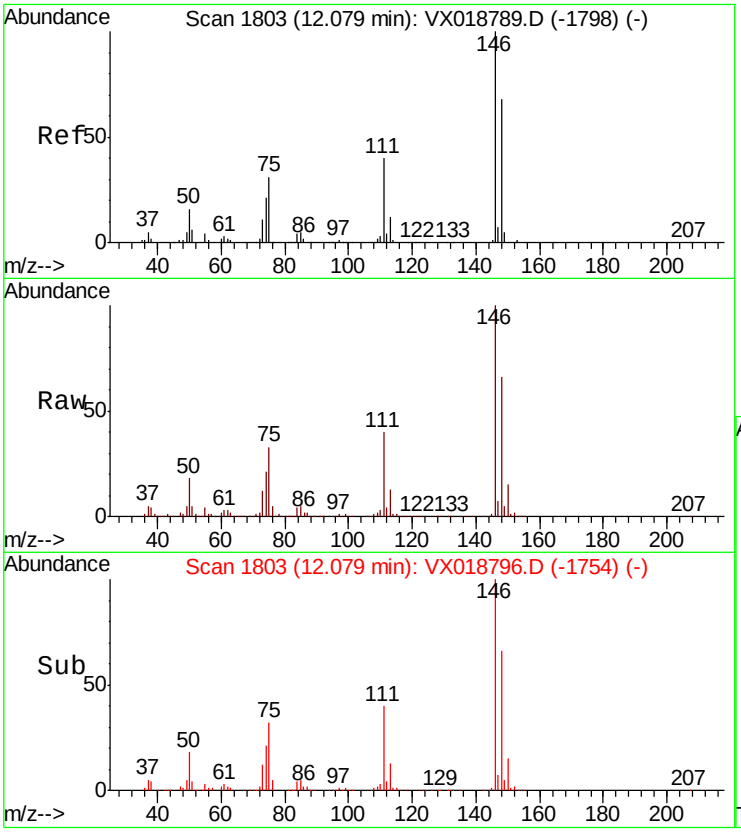


#63
1,3-Dichlorobenzene
Concen: 9.447 ug/L
RT: 12.01 min Scan# 1792
Delta R.T. 0.01 min
Lab File: VX018796.D
Acq: 06 Oct 2020 13:50

Tgt Ion:146 Resp: 156888

Ion	Ratio	Lower	Upper
146	100		
111	36.9	28.4	52.8
148	62.7	45.9	85.3



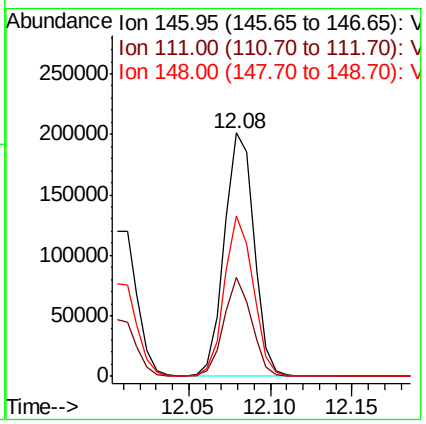


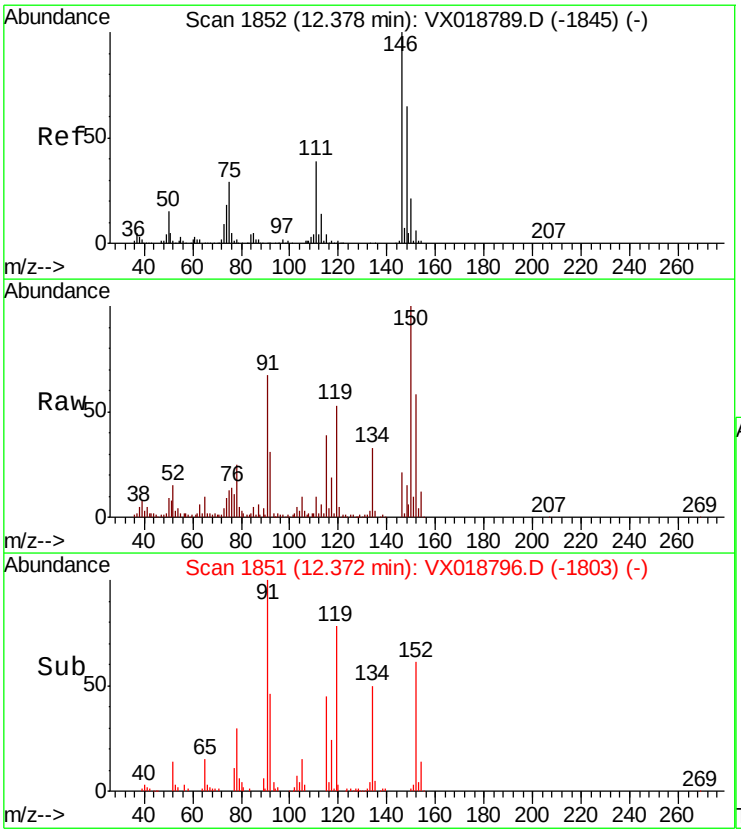
#64
1,4-Dichlorobenzene
Concen: 15.340 ug/L
RT: 12.08 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VX018796.D
Acq: 06 Oct 2020 13:50

Instrument : MSVOA_X
ClientSampleId : BG3R0

Tgt Ion:146 Resp: 254070

Ion	Ratio	Lower	Upper
146	100		
111	40.4	28.6	53.2
148	65.8	44.2	82.0

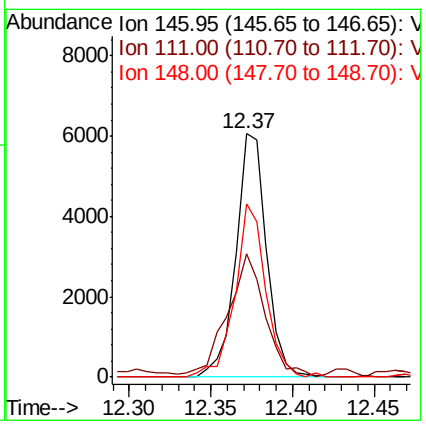


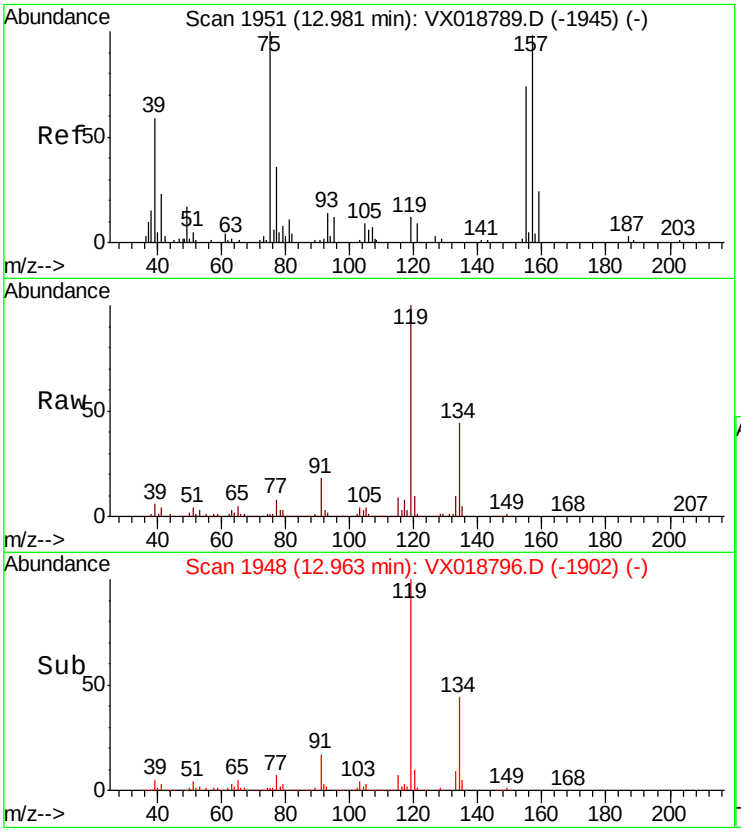


#66
1,2-Dichlorobenzene
Concen: 0.512 ug/L
RT: 12.37 min Scan# 1851
Delta R.T. -0.01 min
Lab File: VX018796.D
Acq: 06 Oct 2020 13:50

Tgt Ion:146 Resp: 7939

Ion	Ratio	Lower	Upper
146	100		
111	50.6	31.7	47.5#
148	71.1	49.0	73.6



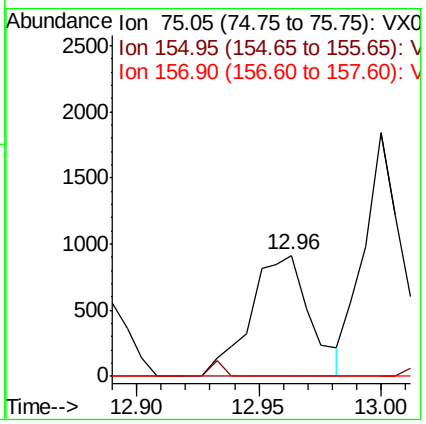


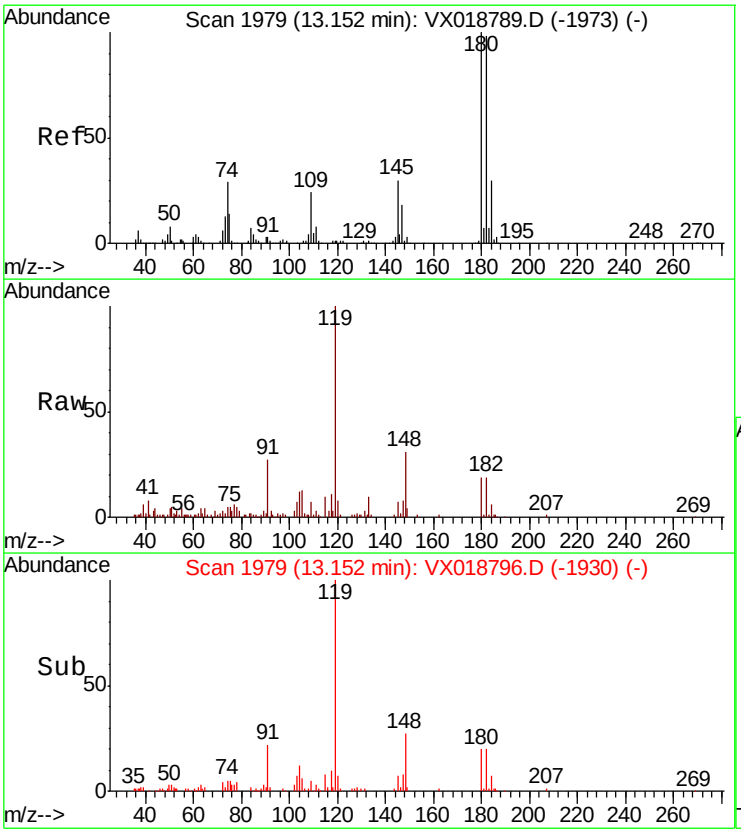
#67
1,2-Dibromo-3-chloropropane
Concen: 1.171 ug/L
RT: 12.96 min Scan# 1948
Delta R.T. -0.02 min
Lab File: VX018796.D
Acq: 06 Oct 2020 13:50

Instrument :
MSVOA_X
ClientSampleId :
BG3R0

Tgt Ion: 75 Resp: 1547

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

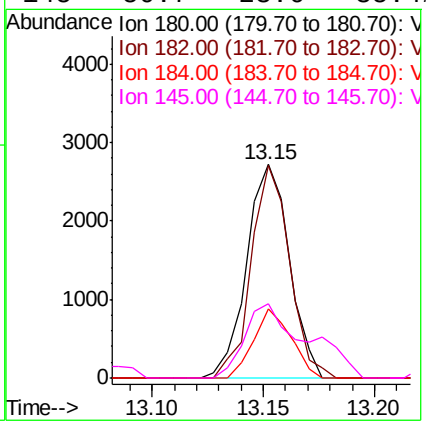


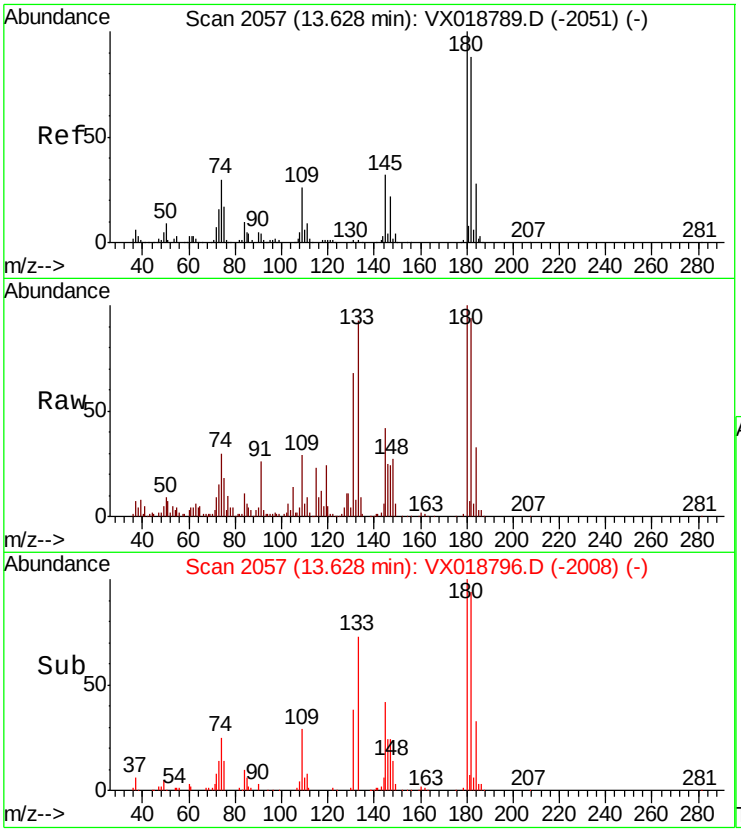


#68
1,3,5-Trichlorobenzene
Concen: 0.285 ug/L
RT: 13.15 min Scan# 1979
Delta R.T. 0.00 min
Lab File: VX018796.D
Acq: 06 Oct 2020 13:50

Tgt Ion:180 Resp: 3640

Ion	Ratio	Lower	Upper
180	100		
182	89.0	74.1	111.1
184	28.6	23.4	35.2
145	50.7	23.6	35.4#



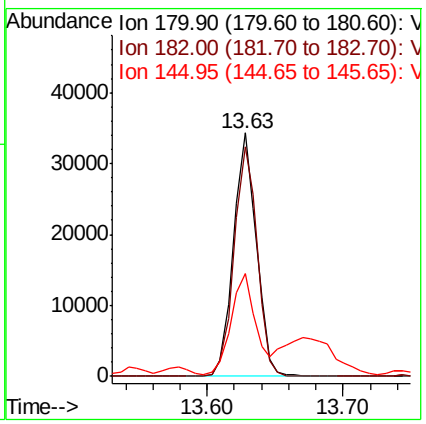


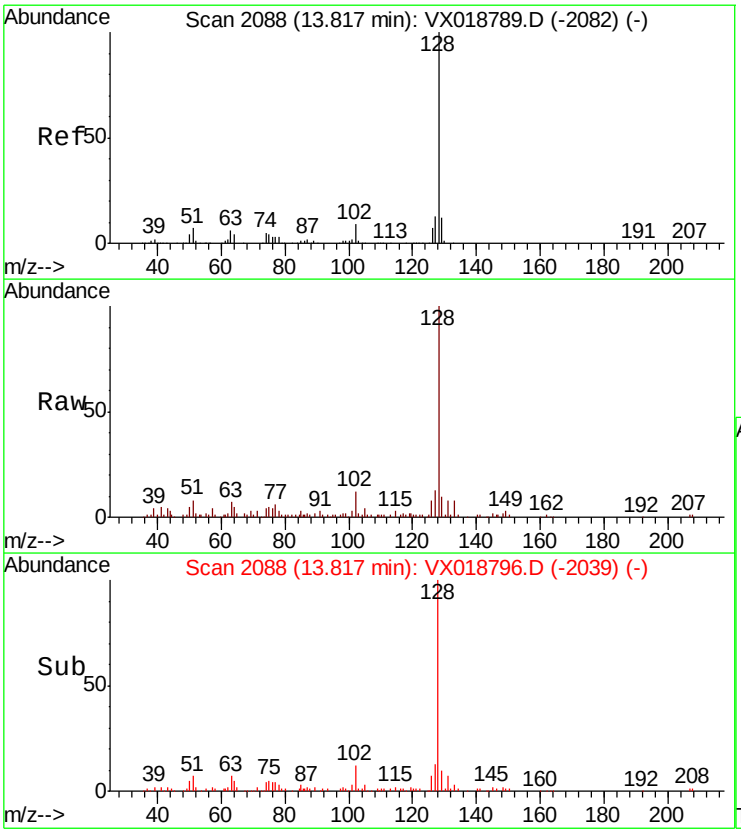
#69
1,2,4-trichlorobenzene
Concen: 3.775 ug/L
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX018796.D
Acq: 06 Oct 2020 13:50

Instrument : MSVOA_X
ClientSampleId : BG3R0

Tgt Ion:180 Resp: 40061

Ion	Ratio	Lower	Upper
180	100		
182	95.2	80.2	120.4
145	45.4	25.2	37.8#

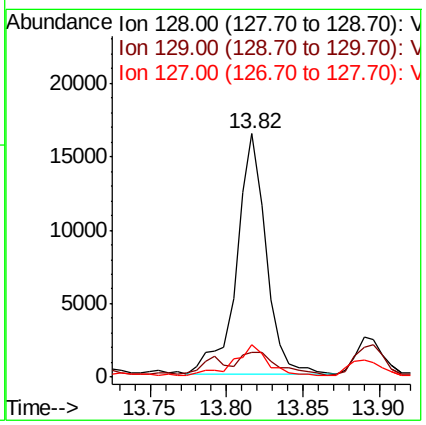


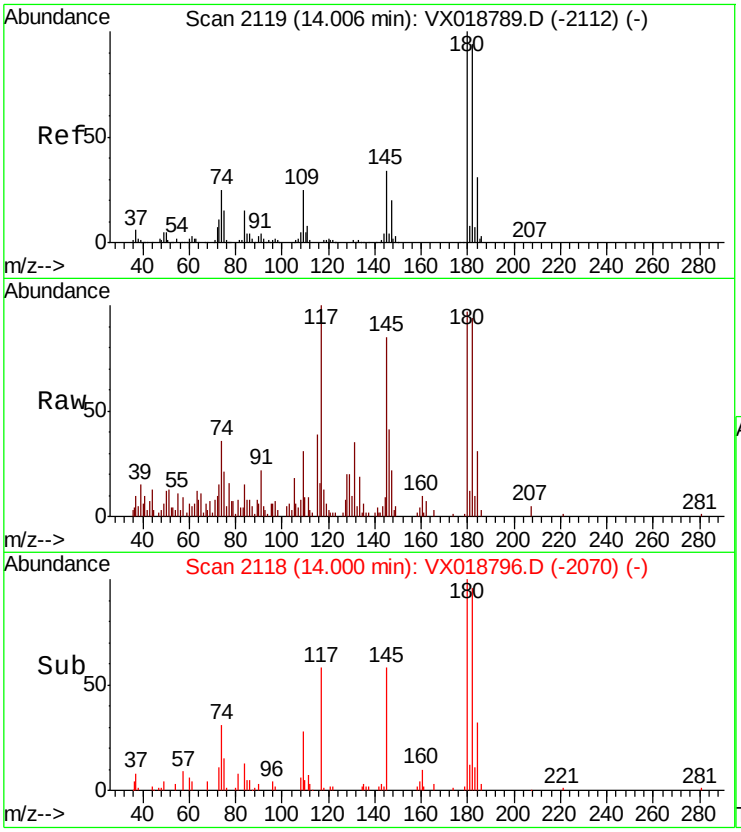


#70
Naphthalene
Concen: 1.248 ug/L
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018796.D
Acq: 06 Oct 2020 13:50

Tgt Ion:128 Resp: 21643

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.0	13.4
127	14.6	10.5	15.7





#71
1,2,3-Trichlorobenzene
Concen: 0.648 ug/L
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX018796.D
Acq: 06 Oct 2020 13:50

Instrument :
MSVOA_X
ClientSampleId :
BG3R0

Tgt Ion:180 Resp: 6187

Ion	Ratio	Lower	Upper
180	100		
182	95.3	73.6	110.4
145	120.3	26.6	40.0#