Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018797.D
Acq On : 06 Oct 2020 14:15
Operator : JC/SP
Sample : L4240-04 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R2

Quant Time: Oct 07 02:19:28 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	127451	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	122535	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	60000	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	38598	5.18	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 103.60%			
7) Chloroethane-d5	1.70	69	33486	5.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 115.00%			
11) 1,1-Dichloroethene-d2	2.34	63	65864	3.92	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.40%			
20) 2-Butanone-d5	4.54	46	136434	69.87	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 139.74%#			
24) Chloroform-d	5.14	84	95963	5.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.60%			
26) 1,2-Dichloroethane-d4	6.03	65	56932	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.60%			
32) Benzene-d6	6.04	84	176516	5.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 116.00%			
36) 1,2-Dichloropropane-d6	7.37	67	54376	6.18	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 123.60%			
41) Toluene-d8	8.70	98	158541	5.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.60%			
45) trans-1,3-Dichloropropene-	8.99	79	24223	5.11	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.20%			
48) 2-Hexanone-d5	9.43	63	109258	68.83	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 137.66%#			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	43885	6.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 122.60%#			
65) 1,2-Dichlorobenzene-d4	12.36	152	66584	6.02	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 120.40%#			
Target Compounds						Qvalue
14) Carbon disulfide	2.55	76	1991	0.100	ug/L #	71
19) 1,1-Dichloroethane	3.67	63	2634	0.218	ug/L #	87
30) Cyclohexane	5.54	56	12867	1.280	ug/L	98
33) Benzene	6.10	78	7747	0.302	ug/L	100
53) Chlorobenzene	10.12	112	636055	33.118	ug/L	96
54) Ethylbenzene	10.24	91	22476	0.714	ug/L	98
55) m,p-xylene	10.34	106	7704	0.627	ug/L	93
58) Isopropylbenzene	11.00	105	4426	0.139	ug/L #	91
63) 1,3-Dichlorobenzene	12.01	146	13302	0.912	ug/L	90
64) 1,4-Dichlorobenzene	12.08	146	16765	1.153	ug/L	98
66) 1,2-Dichlorobenzene	12.38	146	2061	0.151	ug/L #	76
69) 1,2,4-trichlorobenzene	13.63	180	1224	0.131	ug/L #	78

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

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Instrument :
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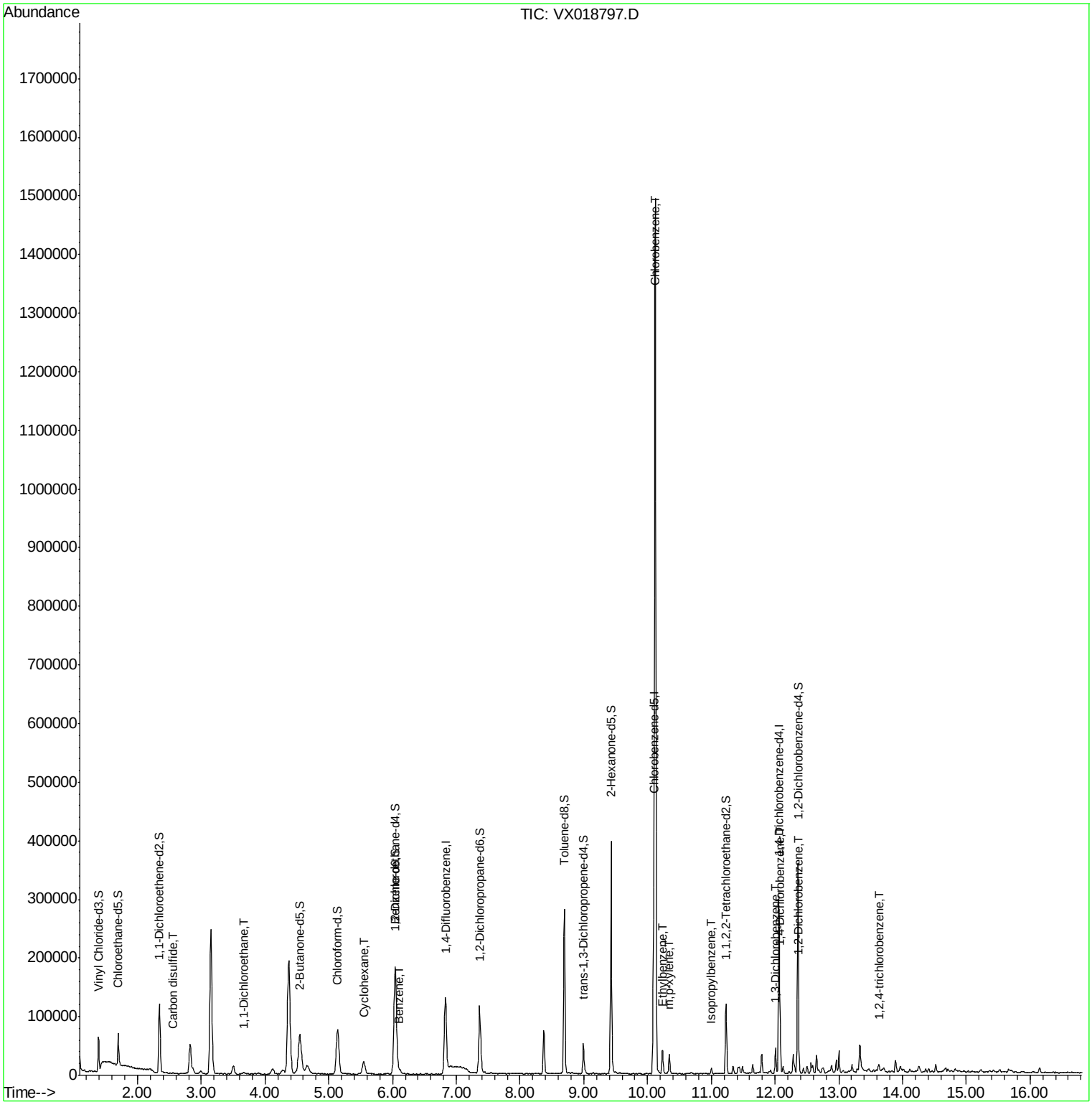
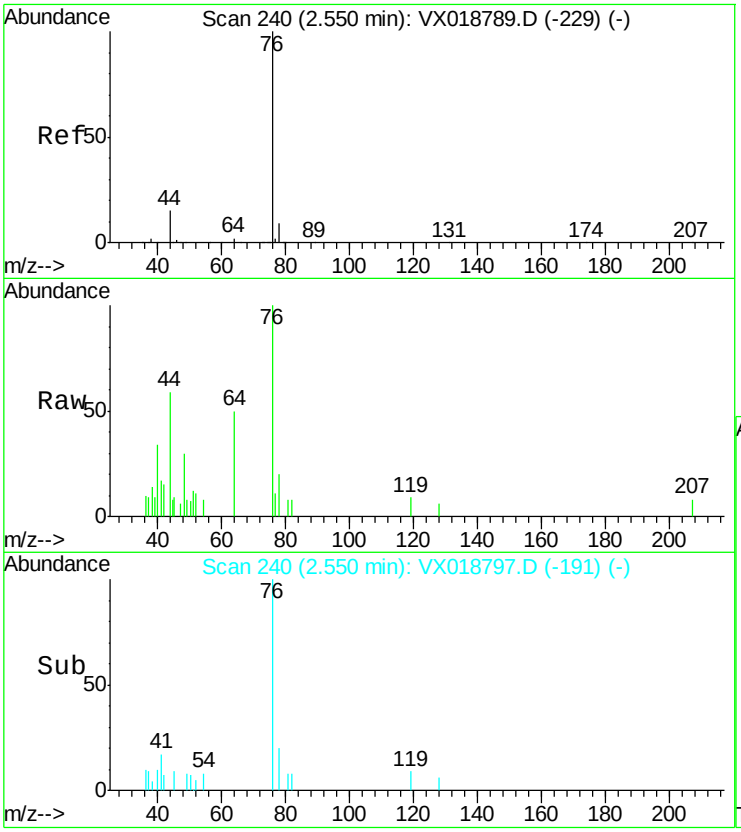
ClientSampleId :
BG3R2

Quant Time: Oct 07 02:19:28 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



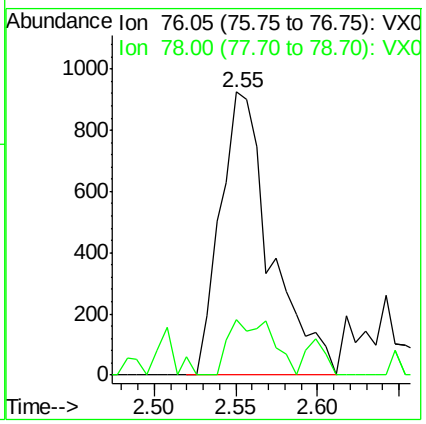


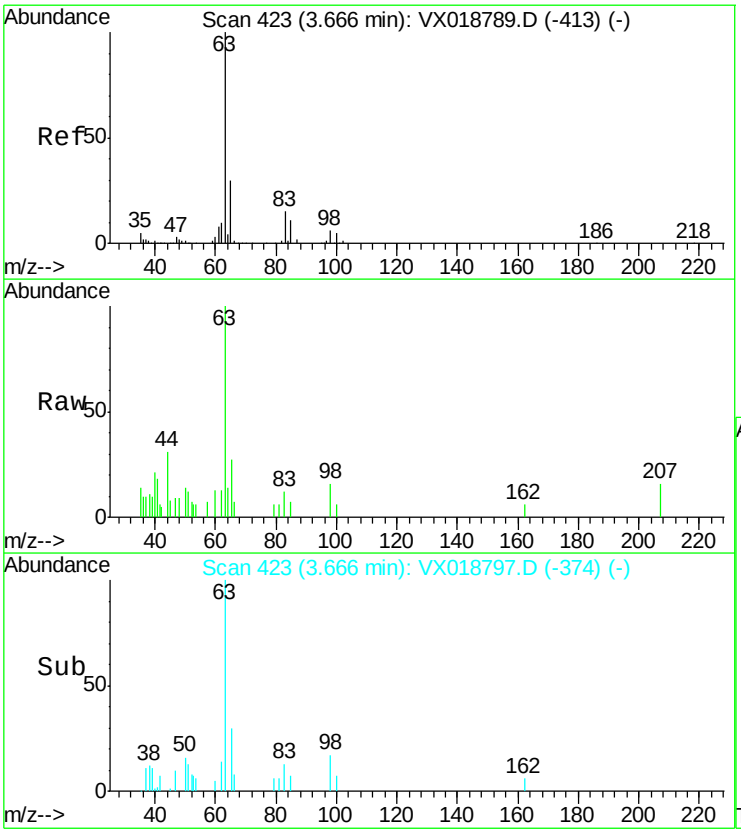
#14
Carbon disulfide
Concen: 0.100 ug/L
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018797.D
Acq: 06 Oct 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
BG3R2

Tgt Ion: 76 Resp: 1991

Ion	Ratio	Lower	Upper
76	100		
78	19.8	7.4	11.2#

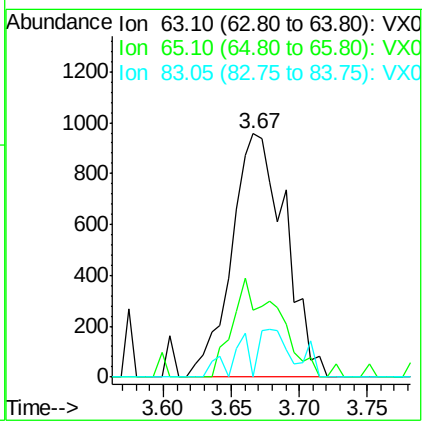


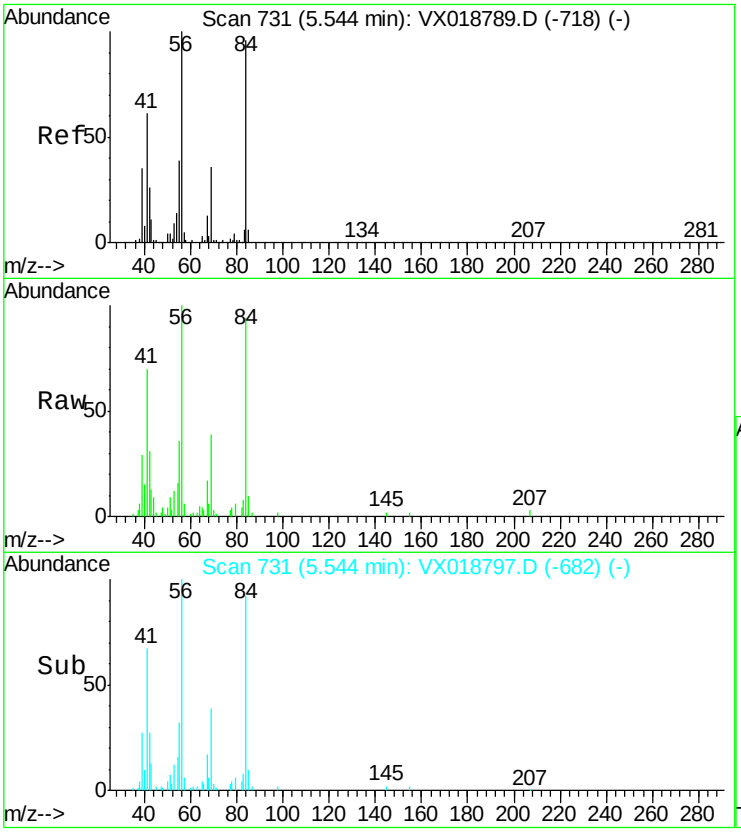


#19
1,1-Dichloroethane
Concen: 0.218 ug/L
RT: 3.67 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX018797.D
Acq: 06 Oct 2020 14:15

Tgt Ion: 63 Resp: 2634

Ion	Ratio	Lower	Upper
63	100		
65	27.5	21.6	40.2
83	0.0	8.7	16.1#



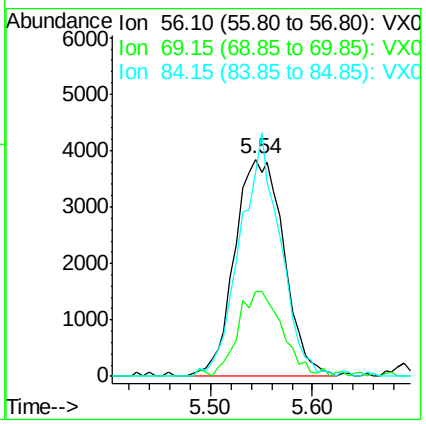


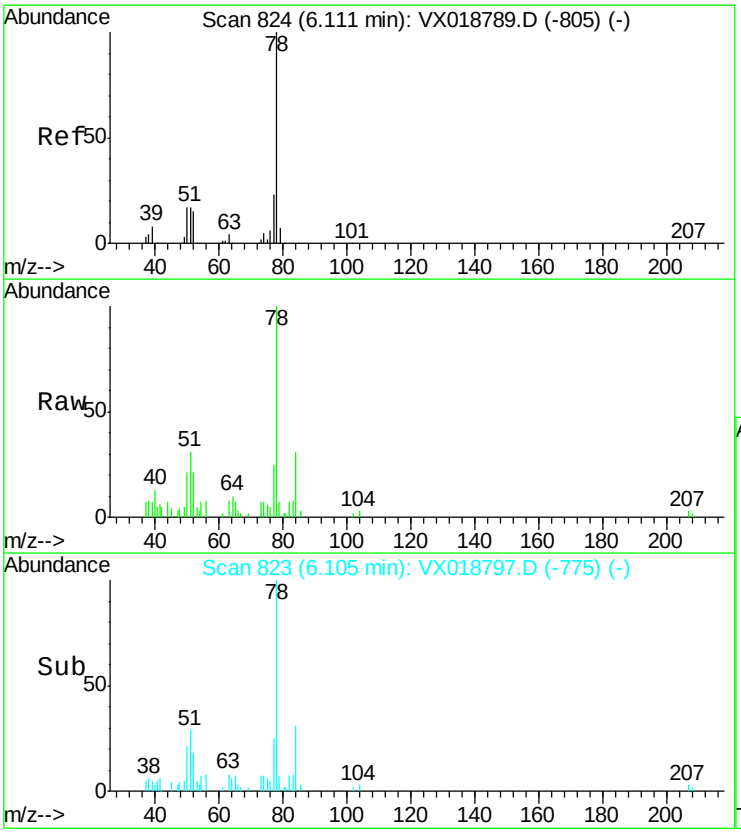
#30
Cyclohexane
Concen: 1.280 ug/L
RT: 5.54 min Scan# 731
Delta R.T. 0.00 min
Lab File: VX018797.D
Acq: 06 Oct 2020 14:15

Instrument : MSVOA_X
ClientSampleId : BG3R2

Tgt Ion: 56 Resp: 12867

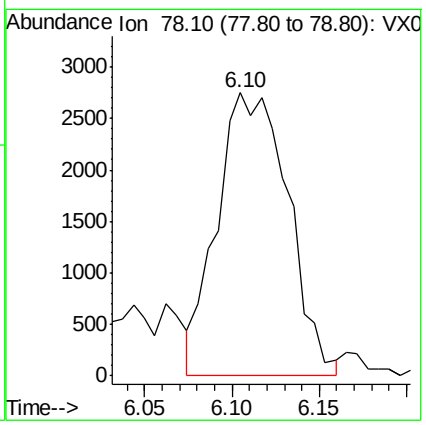
Ion	Ratio	Lower	Upper
56	100		
69	35.5	26.0	39.0
84	91.7	73.8	110.6

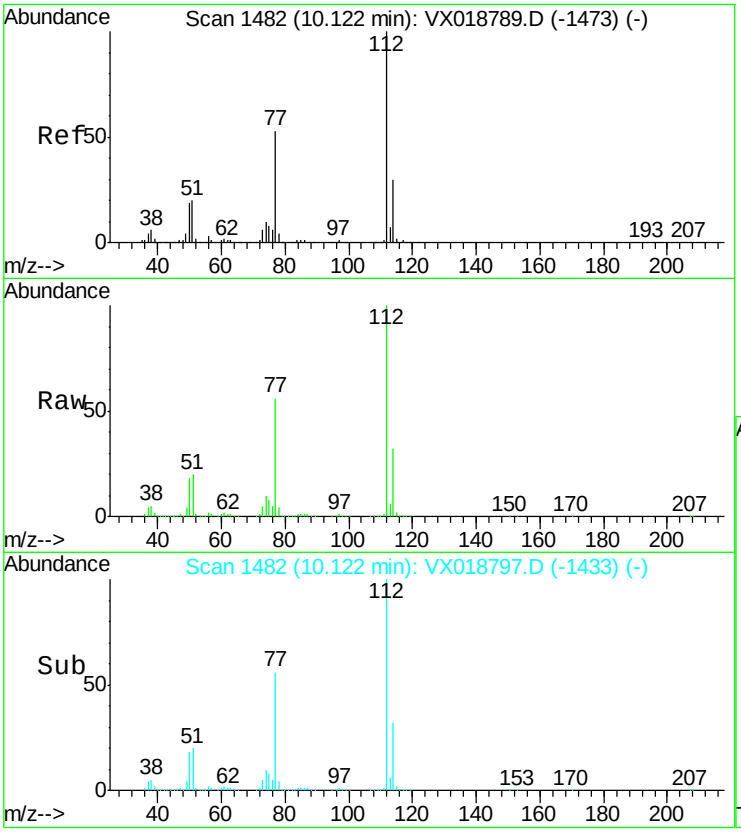




#33
Benzene
Concen: 0.302 ug/L
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX018797.D
Acq: 06 Oct 2020 14:15

Tgt Ion: 78 Resp: 7747



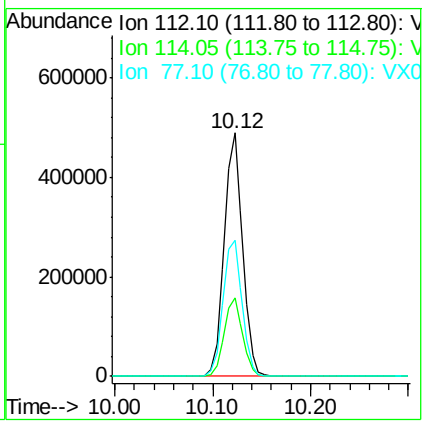


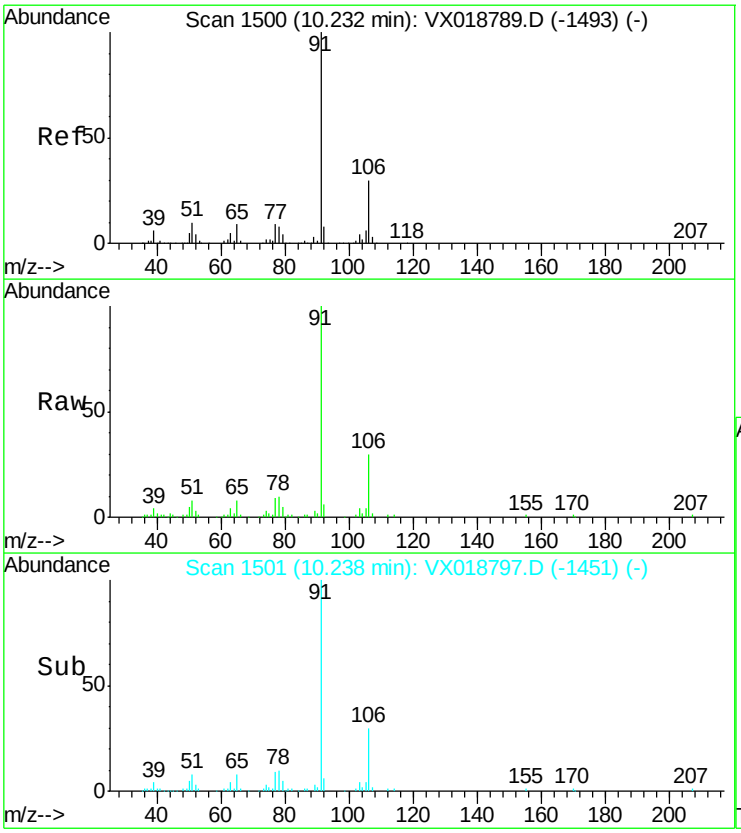
#53
Chlorobenzene
Concen: 33.118 ug/L
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018797.D
Acq: 06 Oct 2020 14:15

Instrument : MSVOA_X
ClientSampleId : BG3R2

Tgt Ion:112 Resp: 636055

Ion	Ratio	Lower	Upper
112	100		
114	32.4	21.3	39.5
77	55.6	42.4	63.6

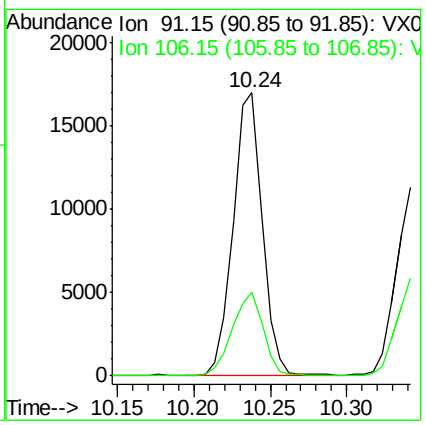


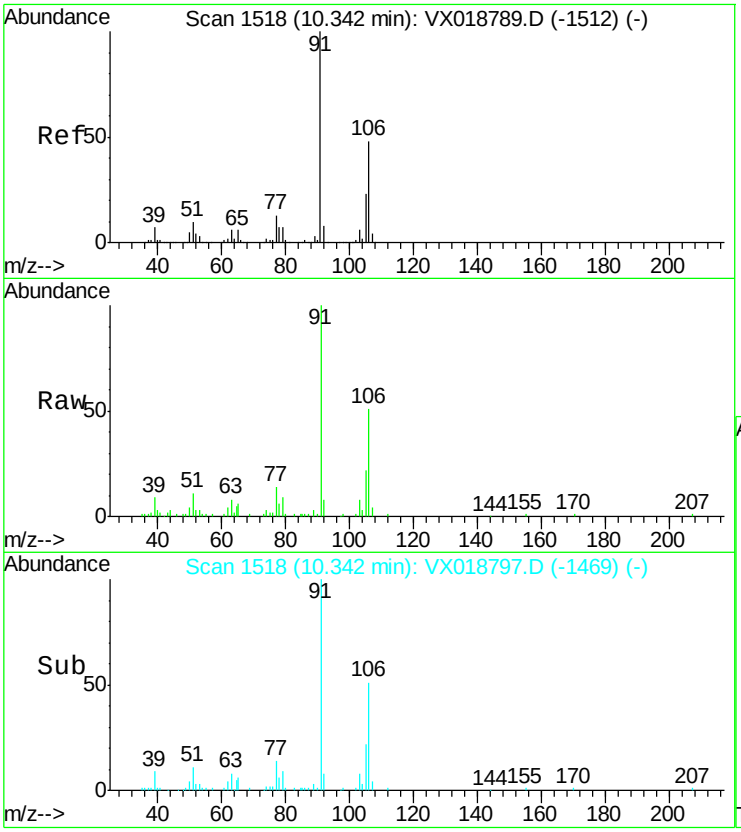


#54
Ethylbenzene
Concen: 0.714 ug/L
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX018797.D
Acq: 06 Oct 2020 14:15

Tgt Ion: 91 Resp: 22476

Ion	Ratio	Lower	Upper
91	100		
106	29.6	21.5	39.9



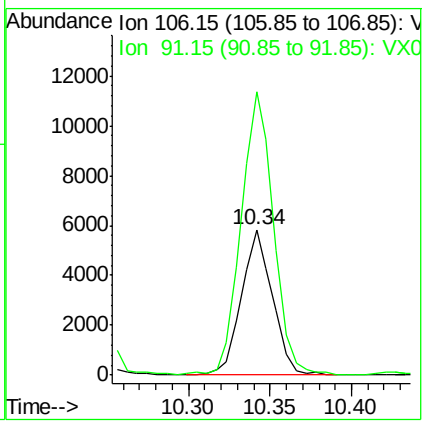


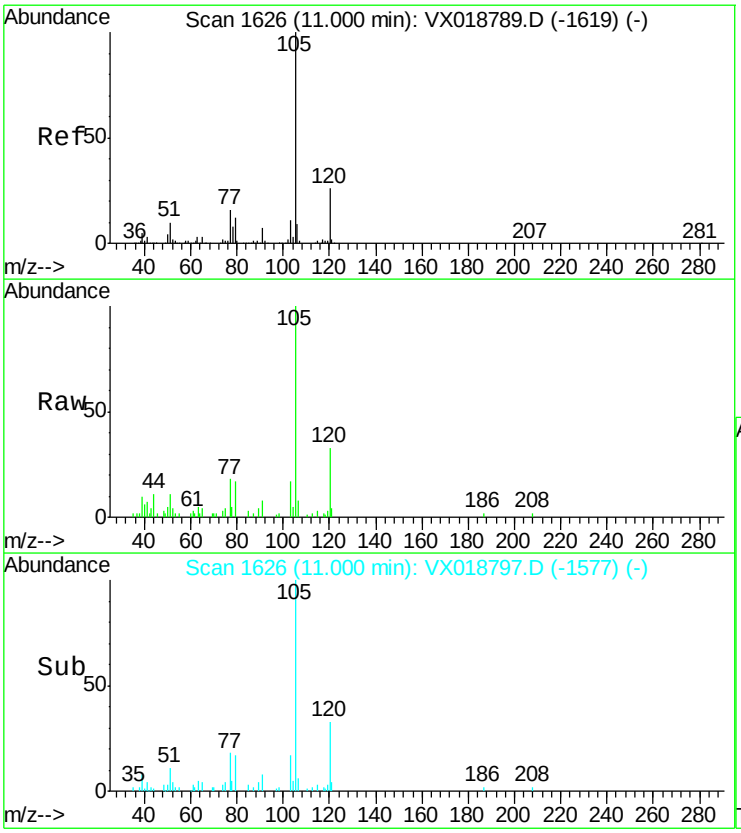
#55
m,p-xylene
Concen: 0.627 ug/L
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018797.D
Acq: 06 Oct 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
BG3R2

Tgt Ion:106 Resp: 7704

Ion	Ratio	Lower	Upper
106	100		
91	194.3	143.4	266.2

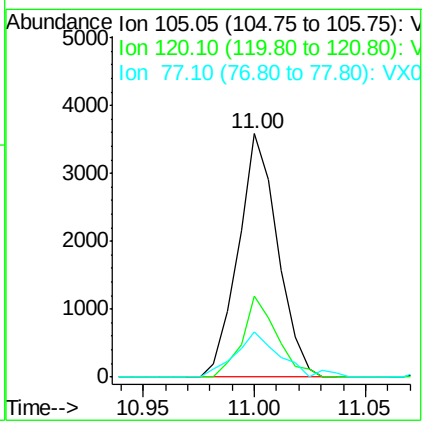


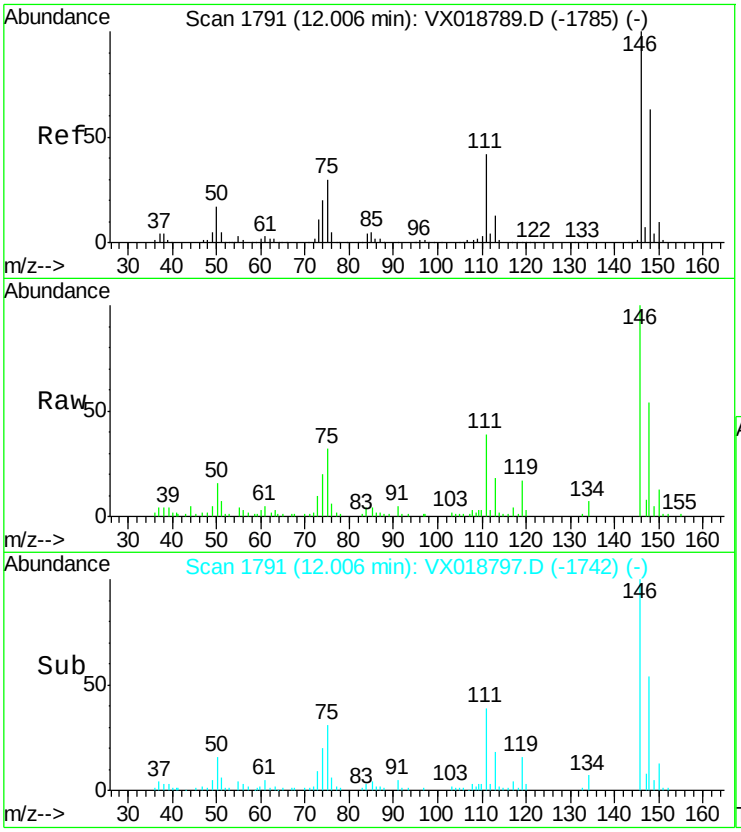


#58
Isopropylbenzene
Concen: 0.139 ug/L
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018797.D
Acq: 06 Oct 2020 14:15

Tgt Ion:105 Resp: 4426

Ion	Ratio	Lower	Upper
105	100		
120	29.0	20.2	30.2
77	21.2	13.3	19.9#



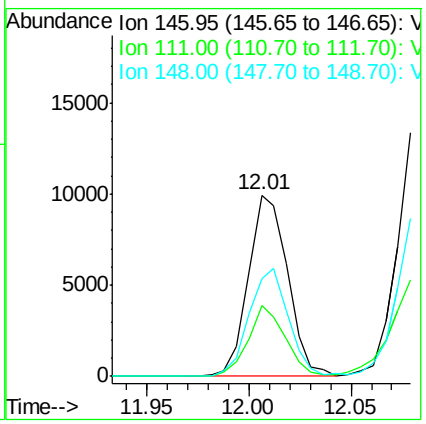


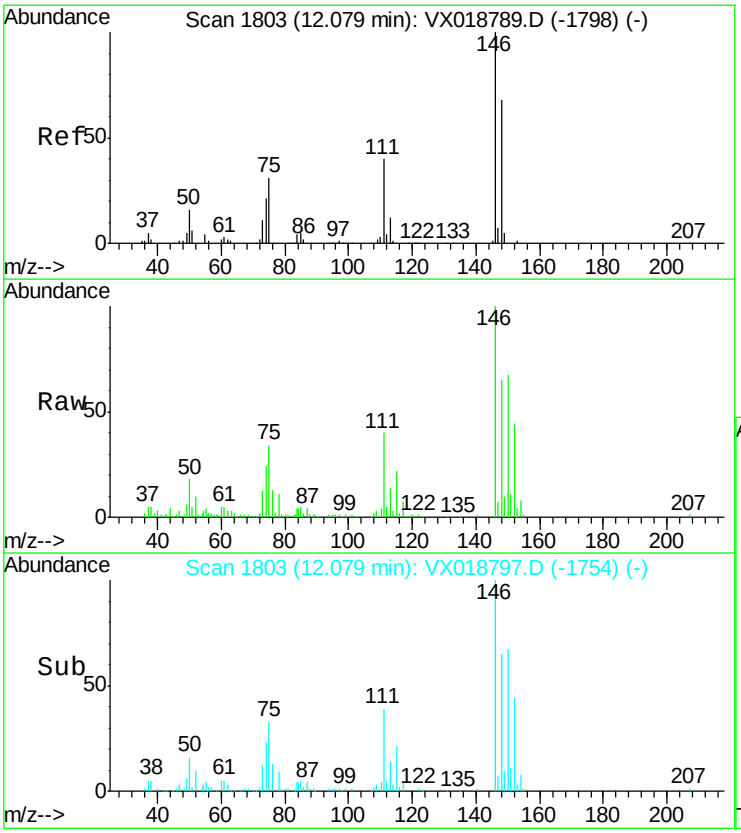
#63
1,3-Dichlorobenzene
Concen: 0.912 ug/L
RT: 12.01 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX018797.D
Acq: 06 Oct 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
BG3R2

Tgt Ion:146 Resp: 13302

Ion	Ratio	Lower	Upper
146	100		
111	39.1	28.4	52.8
148	53.8	45.9	85.3

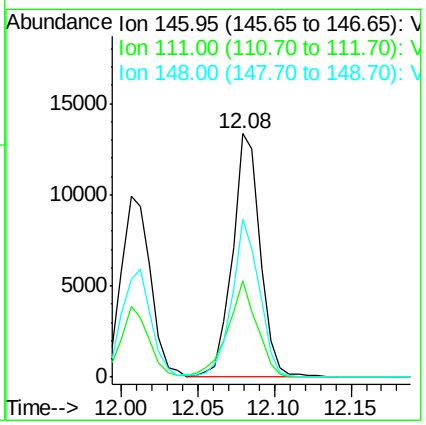


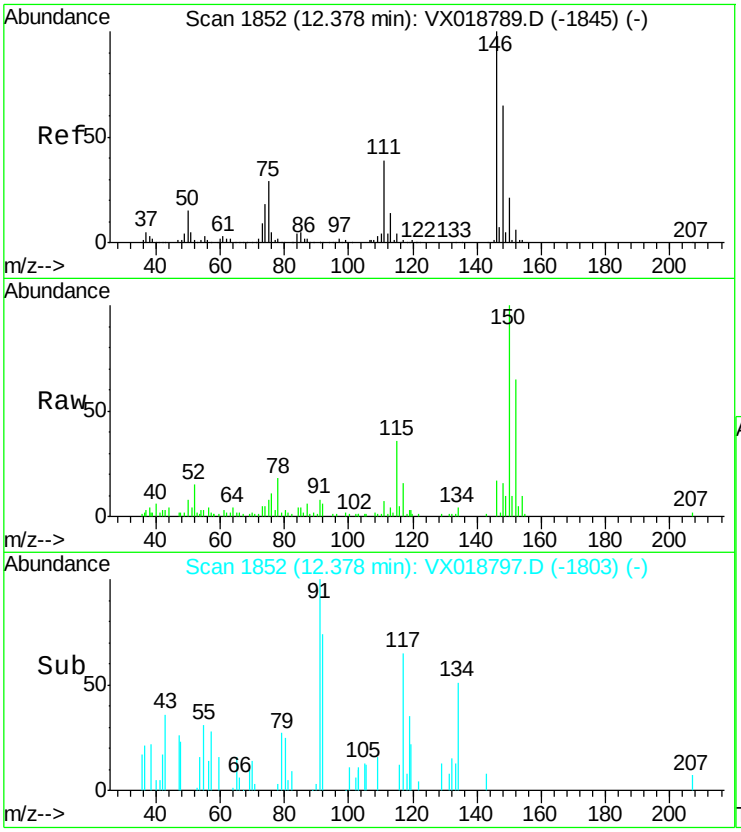


#64
1,4-Dichlorobenzene
Concen: 1.153 ug/L
RT: 12.08 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VX018797.D
Acq: 06 Oct 2020 14:15

Tgt Ion:146 Resp: 16765

Ion	Ratio	Lower	Upper
146	100		
111	39.7	28.6	53.2
148	65.0	44.2	82.0



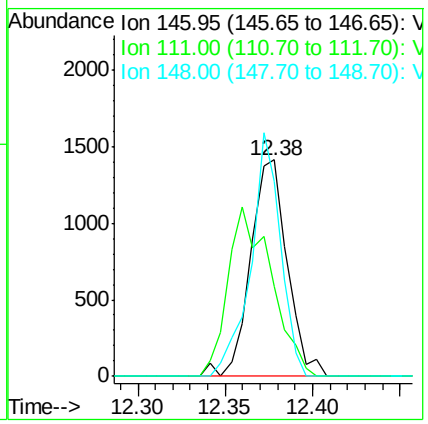


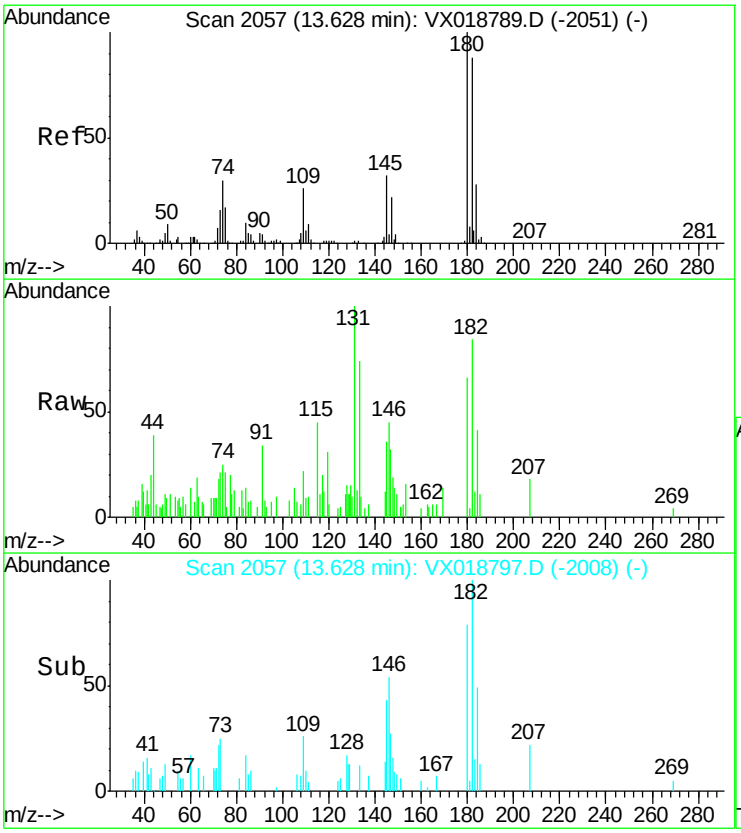
#66
1,2-Dichlorobenzene
Concen: 0.151 ug/L
RT: 12.38 min Scan# 1852
Delta R.T. 0.00 min
Lab File: VX018797.D
Acq: 06 Oct 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
BG3R2

Tgt Ion:146 Resp: 2061

Ion	Ratio	Lower	Upper
146	100		
111	41.5	31.7	47.5
148	89.9	49.0	73.6#





#69
1,2,4-trichlorobenzene
Concen: 0.131 ug/L
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX018797.D
Acq: 06 Oct 2020 14:15

Tgt Ion:180 Resp: 1224

Ion	Ratio	Lower	Upper
180	100		
182	113.3	80.2	120.4
145	59.3	25.2	37.8#