Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

Quant Time: Oct 03 06:11:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 14:11:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	186535	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	172361	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	96829	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	58895	5.40	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 108.00%			
7) Chloroethane-d5	1.70	69	45769	5.37	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 107.40%			
11) 1,1-Dichloroethene-d2	2.34	63	105918	4.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.20%			
20) 2-Butanone-d5	4.56	46	164081	57.41	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.82%			
24) Chloroform-d	5.14	84	137971	5.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.60%			
26) 1,2-Dichloroethane-d4	6.03	65	84508	5.25	ug/L	-0.01
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.00%			
32) Benzene-d6	6.05	84	241996	5.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 113.00%			
36) 1,2-Dichloropropane-d6	7.37	67	70936	5.73	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 114.60%			
41) Toluene-d8	8.70	98	230897	5.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.40%			
45) trans-1,3-Dichloropropene-	8.99	79	35199	5.28	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 105.60%			
48) 2-Hexanone-d5	9.43	63	134119	60.07	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 120.14%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	55946	5.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 111.20%			
65) 1,2-Dichlorobenzene-d4	12.36	152	105615	5.91	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 118.20%			
Target Compounds						Qvalue
14) Carbon disulfide	2.55	76	3513	0.121	ug/L	99
30) Cyclohexane	5.54	56	4631	0.327	ug/L	95
35) Methylcyclohexane	7.44	83	4251	0.282	ug/L #	78
58) Isopropylbenzene	11.00	105	60205	1.347	ug/L	96
69) 1,2,4-trichlorobenzene	13.63	180	372065	24.739	ug/L	98
71) 1,2,3-Trichlorobenzene	14.00	180	82679	6.110	ug/L	92

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

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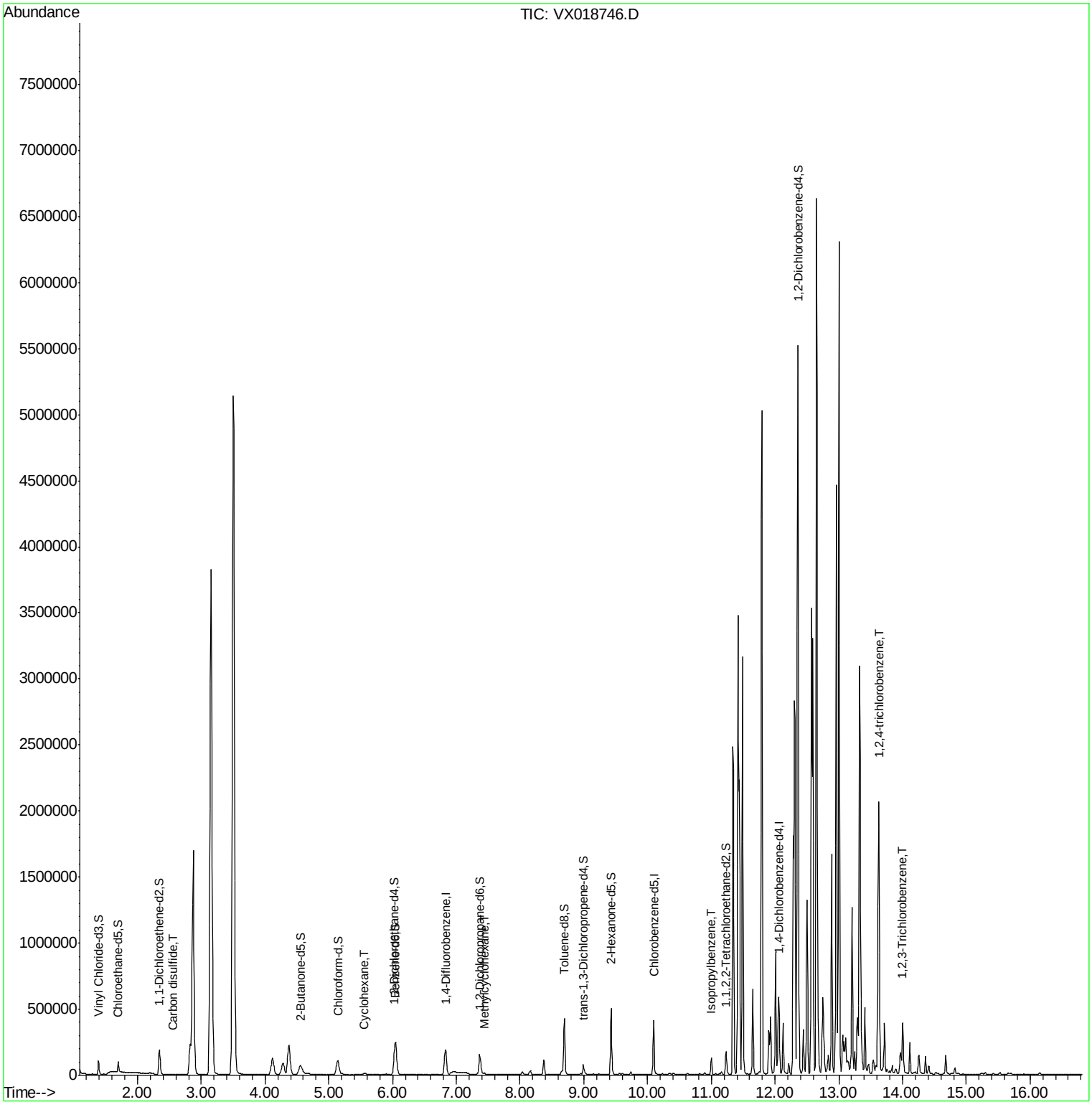
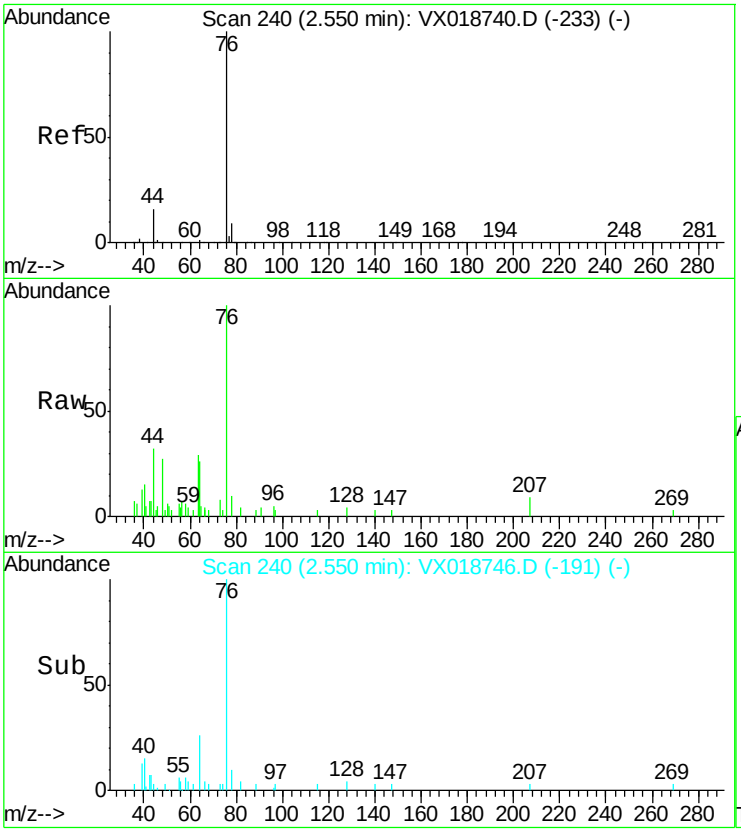


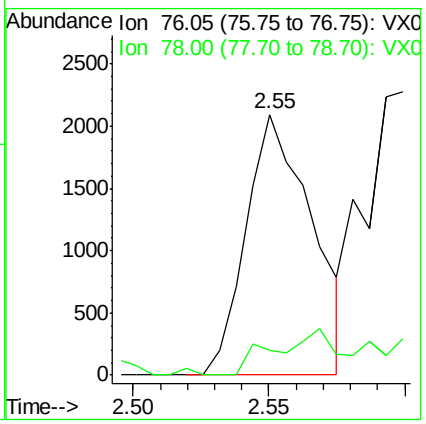


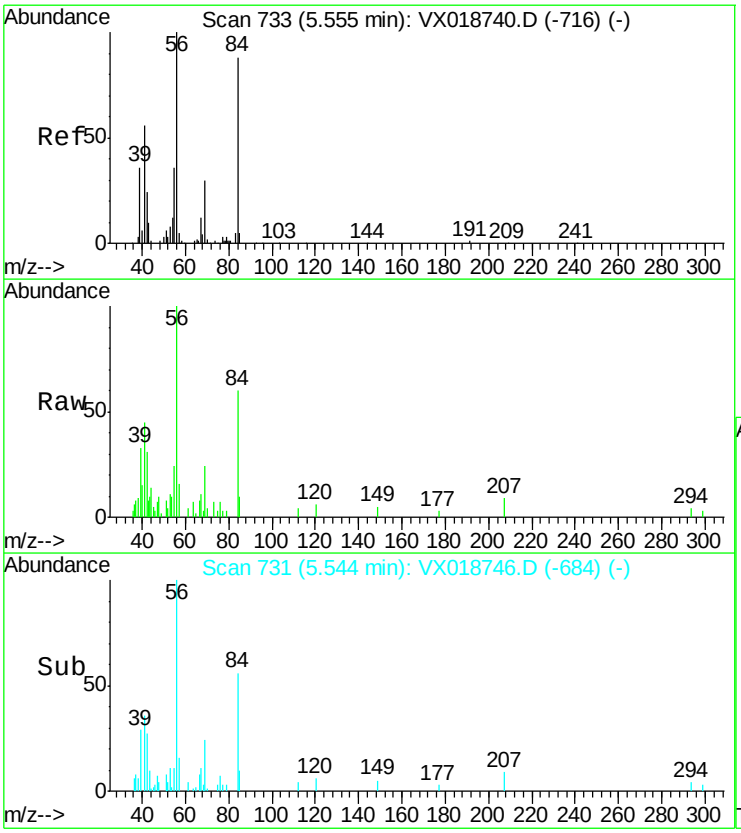
#14
Carbon disulfide
Concen: 0.121 ug/L
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018746.D
Acq: 02 Oct 2020 14:36

Instrument :
MSVOA_X
ClientSampleId :
BG3W0DL

Tgt Ion: 76 Resp: 3513

Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.4	11.2

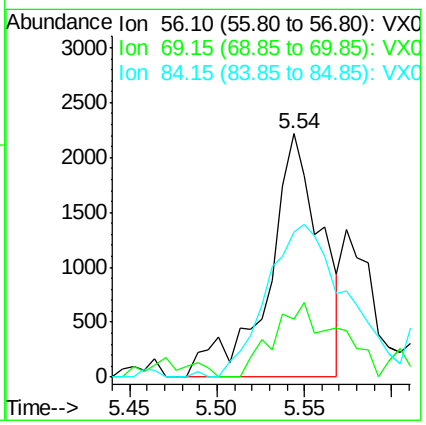


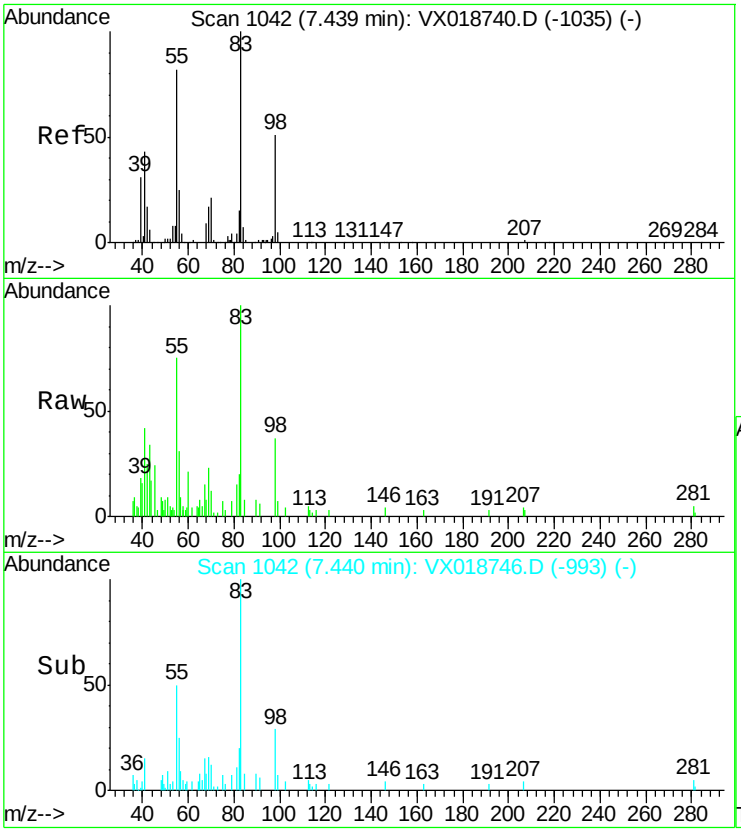


#30
Cyclohexane
Concen: 0.327 ug/L
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018746.D
Acq: 02 Oct 2020 14:36

Tgt Ion: 56 Resp: 4631

Ion	Ratio	Lower	Upper
56	100		
69	37.6	26.0	39.0
84	95.3	73.8	110.6



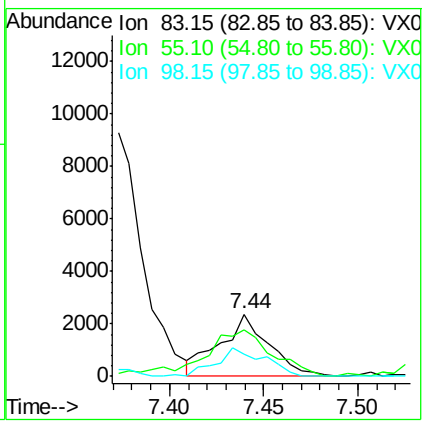


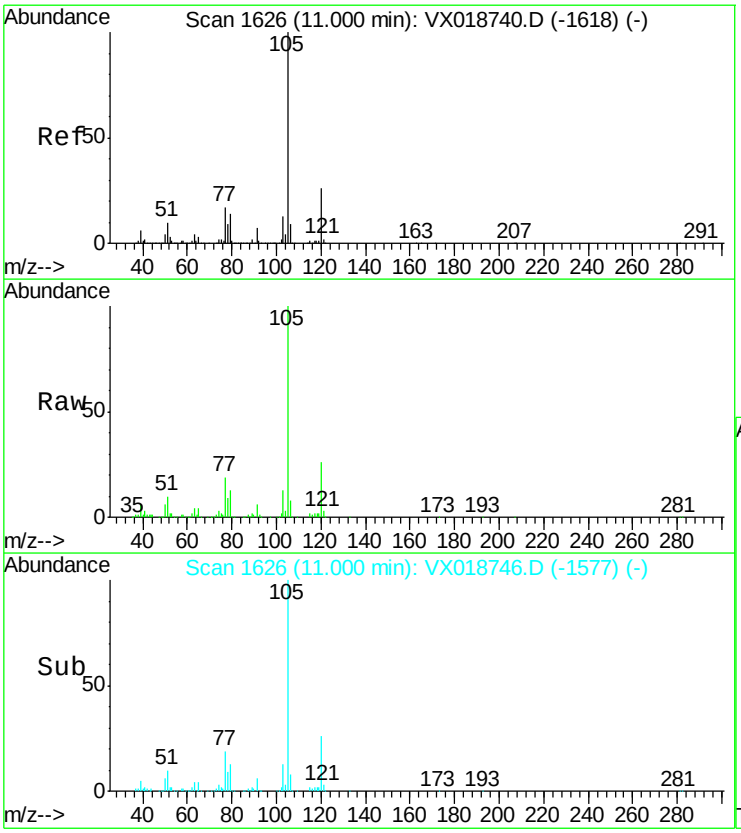
#35
Methylcyclohexane
Concen: 0.282 ug/L
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018746.D
Acq: 02 Oct 2020 14:36

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

Tgt Ion: 83 Resp: 4251

Ion	Ratio	Lower	Upper
83	100		
55	103.5	60.3	90.5#
98	45.9	39.4	59.0

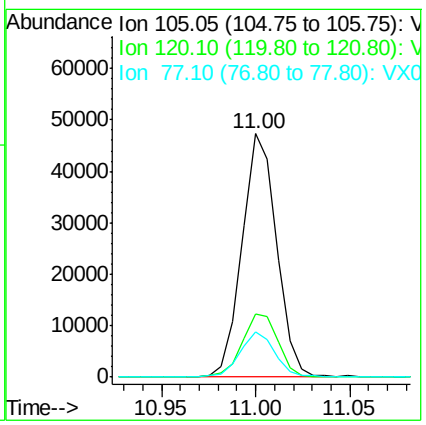


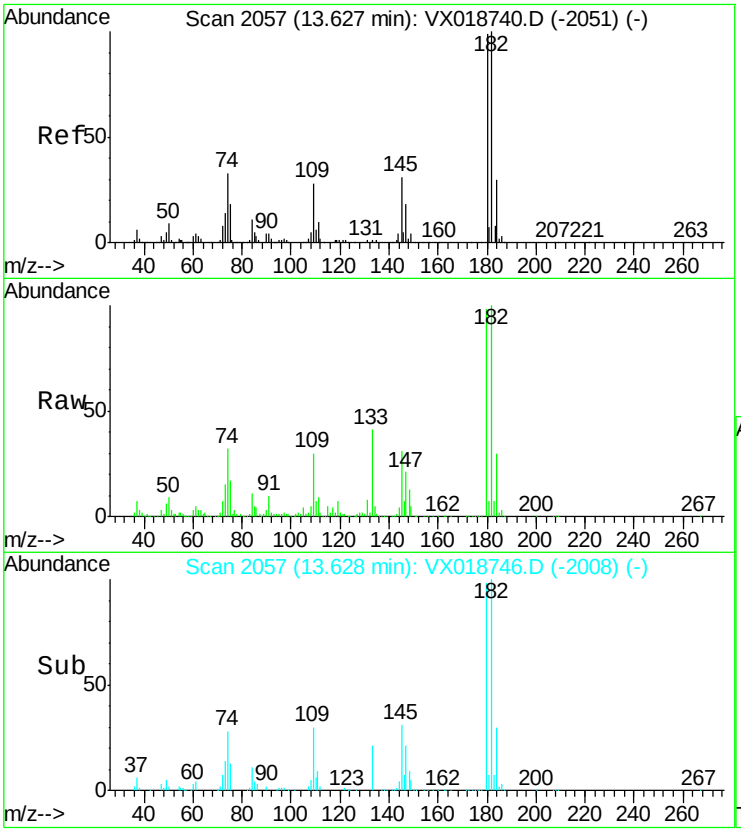


#58
Isopropylbenzene
Concen: 1.347 ug/L
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018746.D
Acq: 02 Oct 2020 14:36

Tgt Ion:105 Resp: 60205

Ion	Ratio	Lower	Upper
105	100		
120	26.9	20.2	30.2
77	19.1	13.3	19.9



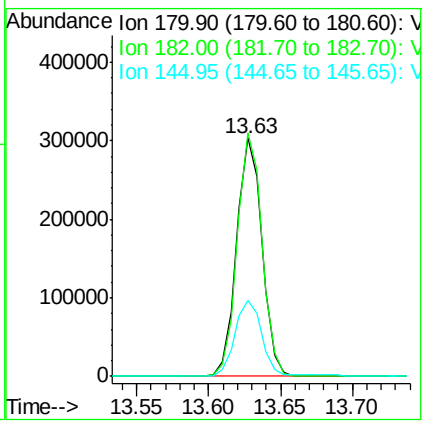


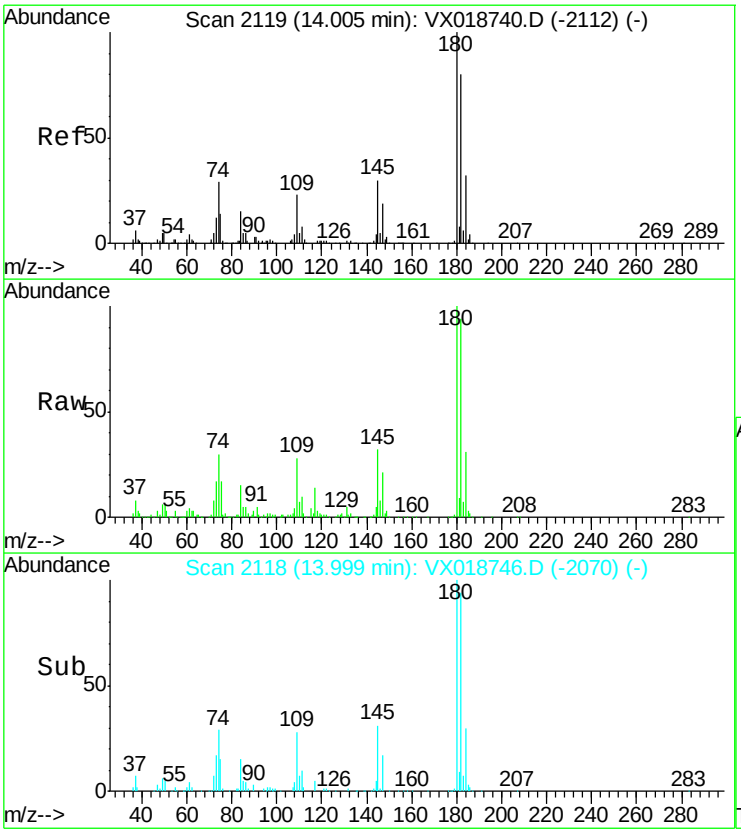
#69
1,2,4-trichlorobenzene
Concen: 24.739 ug/L
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX018746.D
Acq: 02 Oct 2020 14:36

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

Tgt Ion:180 Resp: 372065

Ion	Ratio	Lower	Upper
180	100		
182	99.4	80.2	120.4
145	34.3	25.2	37.8





#71
1,2,3-Trichlorobenzene
Concen: 6.110 ug/L
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX018746.D
Acq: 02 Oct 2020 14:36

Tgt Ion:180 Resp: 82679

Ion	Ratio	Lower	Upper
180	100		
182	98.3	73.6	110.4
145	39.1	26.6	40.0