Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110220\
Data File : VX019210.D
Acq On : 02 Nov 2020 14:42
Operator : JC/MD
Sample : VX1102WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VBLK404

Quant Time: Nov 03 07:42:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM110220WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Nov 02 14:52:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.82	114	557632	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.09	117	511683	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	229800	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	240043	50.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 100.00%			
7) Chloroethane-d5	1.70	69	184806	51.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.68%			
11) 1,1-Dichloroethene-d2	2.34	63	319033	40.28	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.56%			
21) 2-Butanone-d5	4.53	46	277905	113.47	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 113.47%			
24) Chloroform-d	5.14	84	392562	50.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.42%			
26) 1,2-Dichloroethane-d4	6.03	65	263222	47.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.78%			
32) Benzene-d6	6.04	84	827177	52.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.16%			
36) 1,2-Dichloropropane-d6	7.37	67	246930	52.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.32%			
41) Toluene-d8	8.70	98	760039	47.13	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.26%			
43) trans-1,3-Dichloropropene-	8.99	79	128564	51.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.36%			
47) 2-Hexanone-d5	9.42	63	226890	117.12	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 117.12%			
56) 1,1,2,2-Tetrachloroethane-	11.23	84	295637	53.43	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 106.86%			
66) 1,2-Dichlorobenzene-d4	12.36	152	244849	53.07	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.14%			
Target Compounds						Qvalue
5) Vinyl chloride	1.39	62	2028	0.501	ug/L #	1
16) Methylene chloride	2.83	84	1668	0.445	ug/L	92
17) trans-1,2-Dichloroethene	3.14	96	1317	0.365	ug/L	97
42) Toluene	8.76	91	15249	0.954	ug/L	95
53) m,p-Xylene	10.34	106	2172	0.335	ug/L	82
64) 1,3-Dichlorobenzene	12.01	146	2400	0.356	ug/L	86

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

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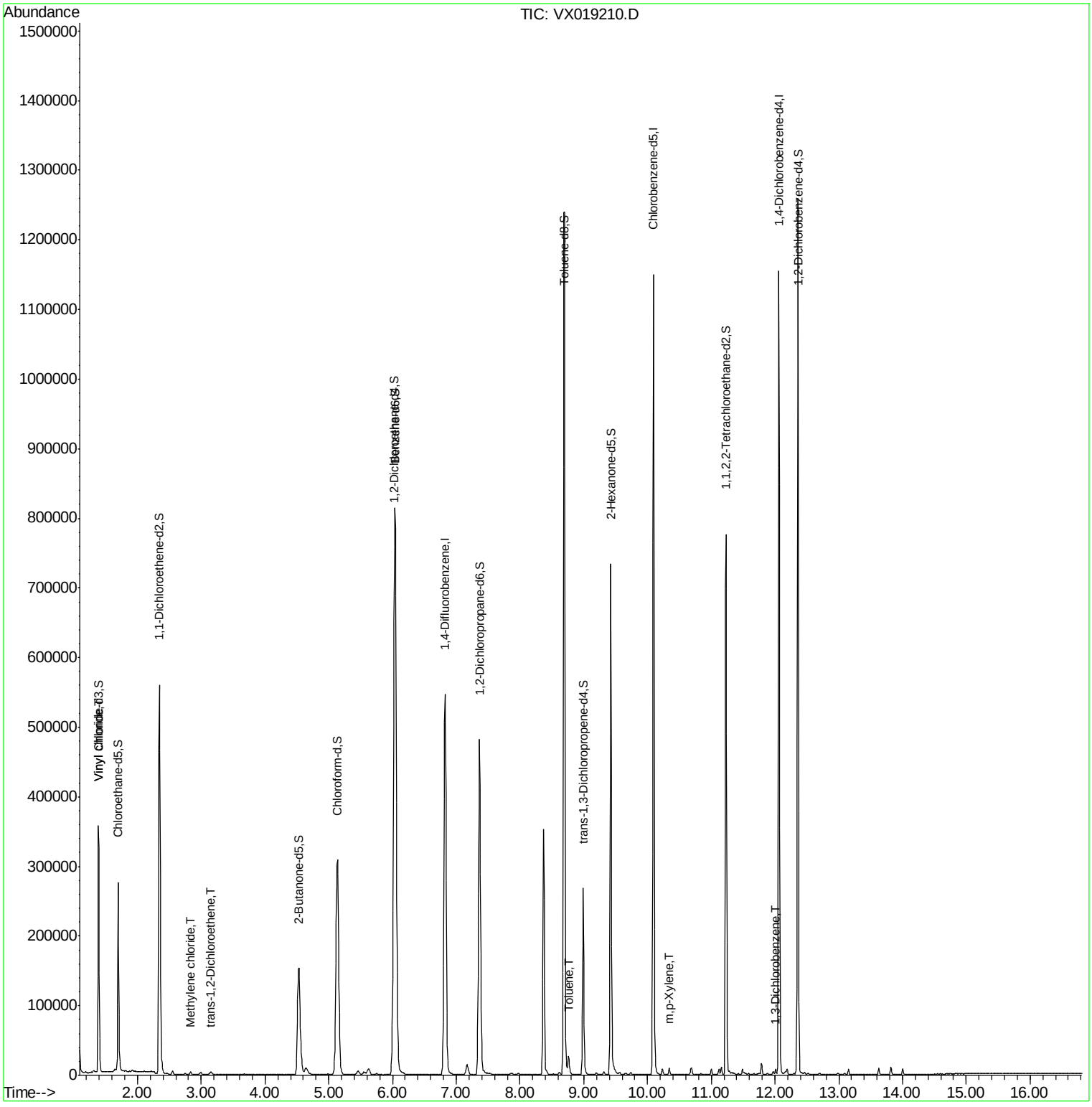
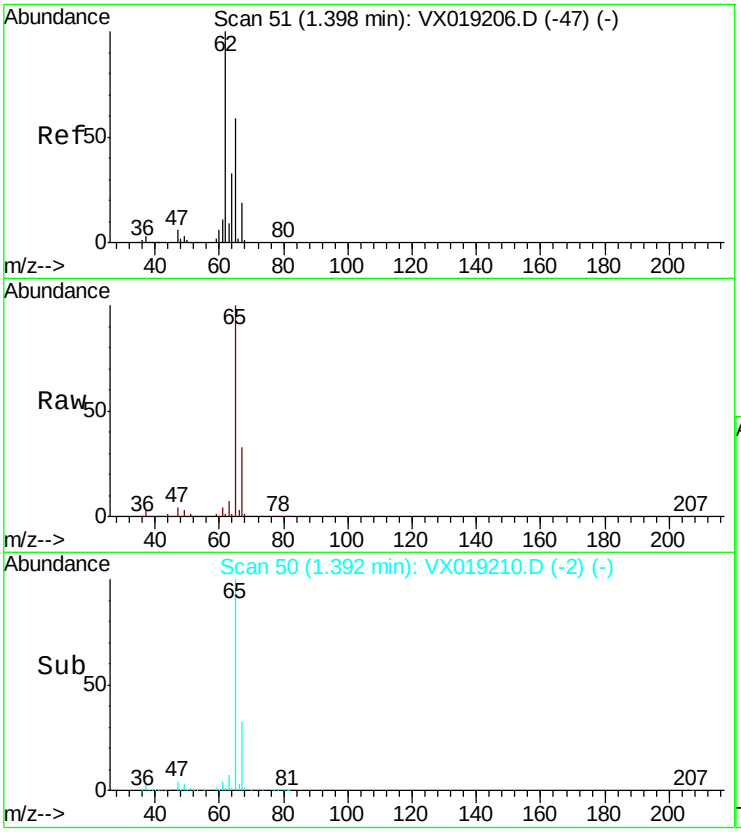


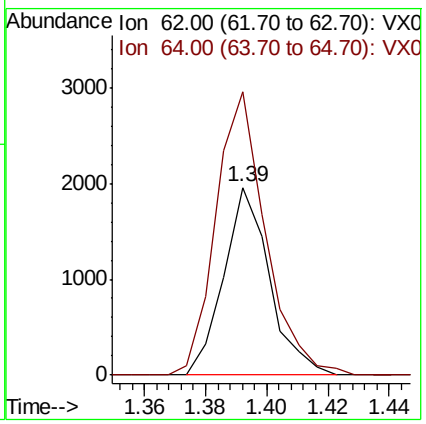


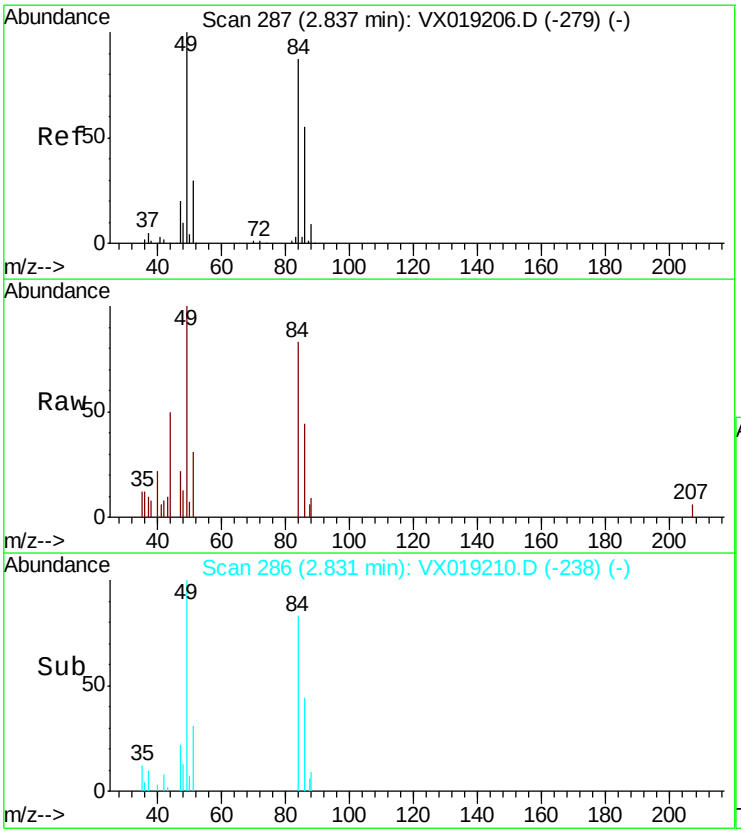
#5
Vinyl chloride
Concen: 0.501 ug/L
RT: 1.39 min Scan# 50
Delta R.T. -0.01 min
Lab File: VX019210.D
Acq: 02 Nov 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
VBLK404

Tgt Ion: 62 Resp: 2028

Ion	Ratio	Lower	Upper
62	100		
64	150.8	23.4	43.6#

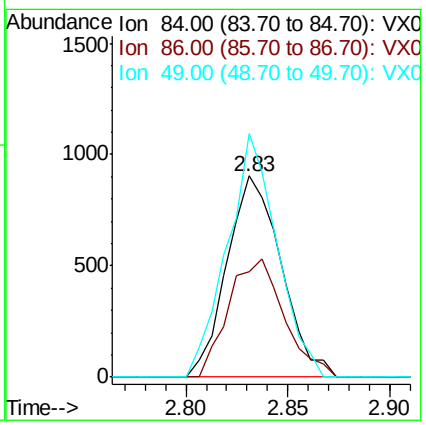


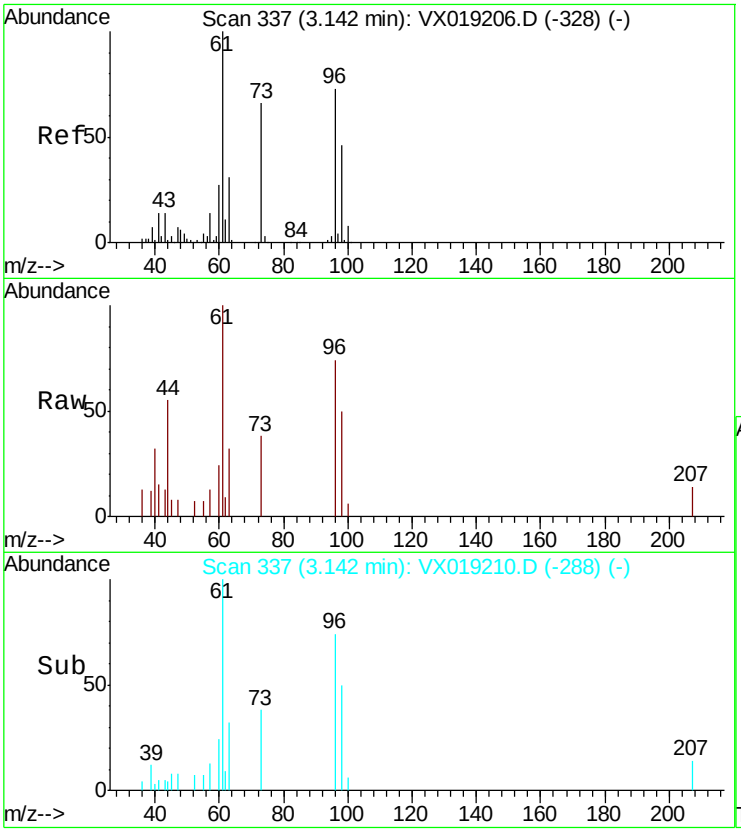


#16
Methylene chloride
Concen: 0.445 ug/L
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019210.D
Acq: 02 Nov 2020 14:42

Tgt Ion: 84 Resp: 1668

Ion	Ratio	Lower	Upper
84	100		
86	52.7	44.0	81.6
49	121.2	80.6	149.6



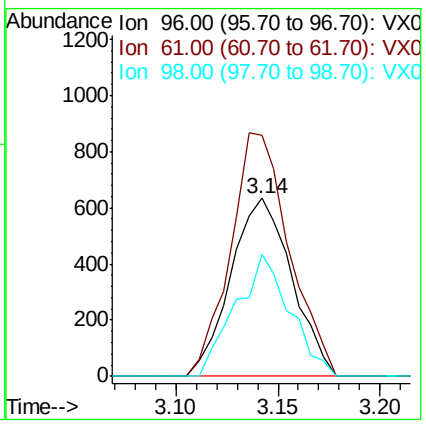


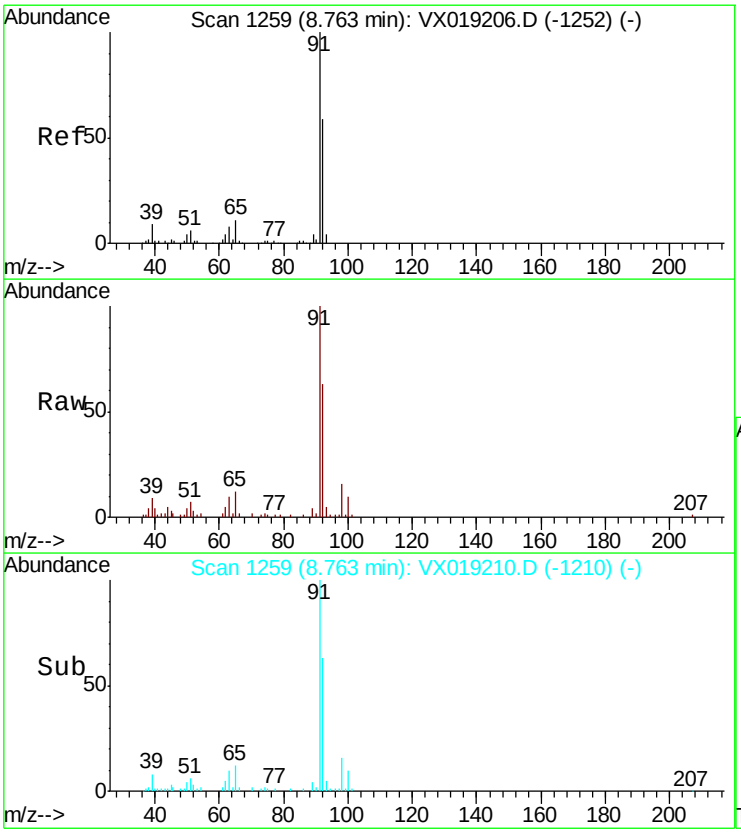
#17
trans-1,2-Dichloroethene
Concen: 0.365 ug/L
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX019210.D
Acq: 02 Nov 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
VBLK404

Tgt Ion: 96 Resp: 1317

Ion	Ratio	Lower	Upper
96	100		
61	135.4	95.7	177.7
98	68.2	44.2	82.0

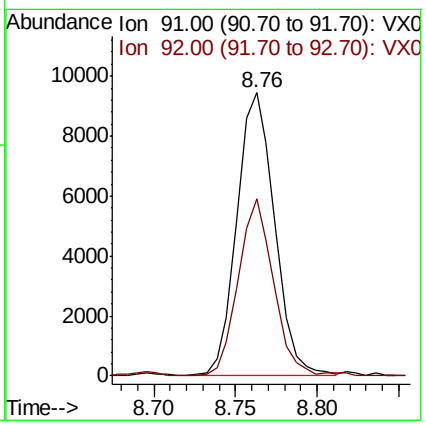


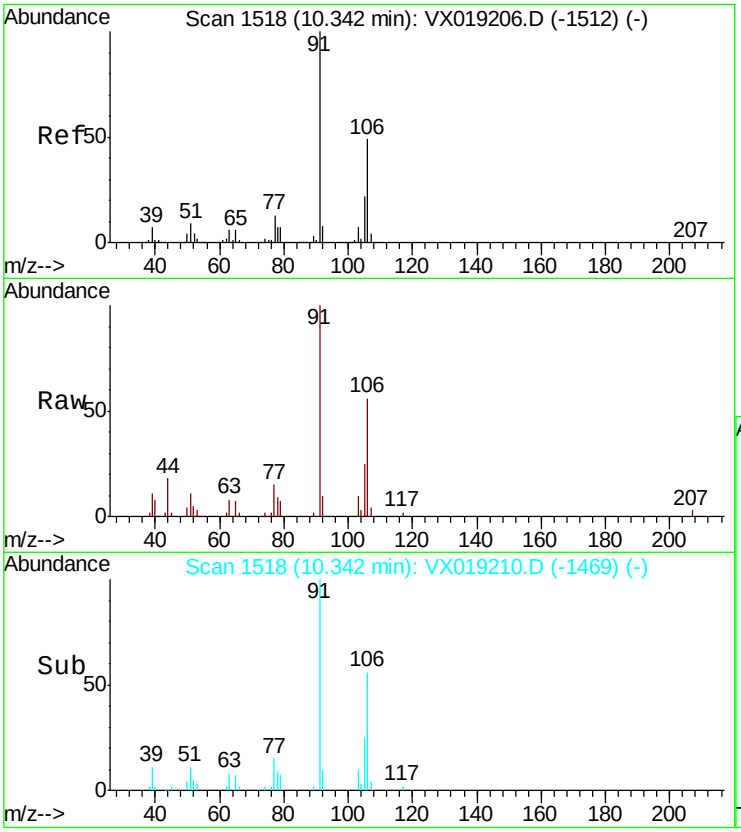


#42
Toluene
Concen: 0.954 ug/L
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX019210.D
Acq: 02 Nov 2020 14:42

Tgt Ion: 91 Resp: 15249

Ion	Ratio	Lower	Upper
91	100		
92	62.6	41.2	76.6



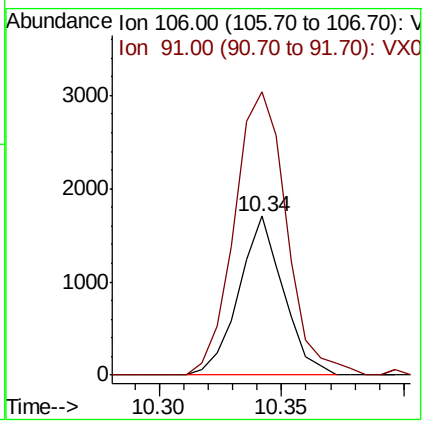


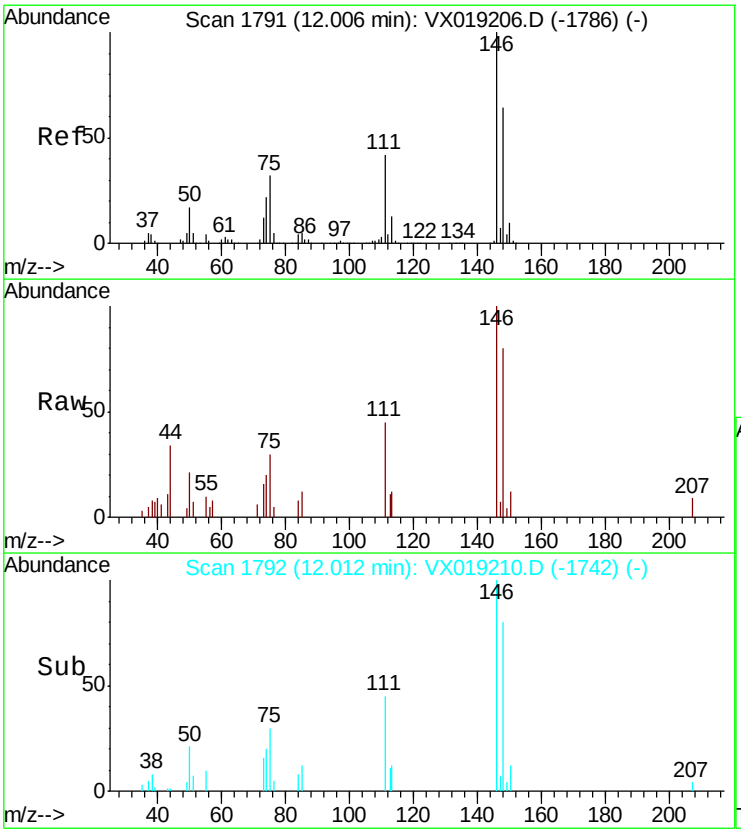
#53
m,p-Xylene
Concen: 0.335 ug/L
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019210.D
Acq: 02 Nov 2020 14:42

Instrument : MSVOA_X
ClientSampleId : VBLK404

Tgt Ion:106 Resp: 2172

Ion	Ratio	Lower	Upper
106	100		
91	177.9	144.2	267.8





#64
1,3-Dichlorobenzene
Concen: 0.356 ug/L
RT: 12.01 min Scan# 1792
Delta R.T. 0.01 min
Lab File: VX019210.D
Acq: 02 Nov 2020 14:42

Tgt Ion:146 Resp: 2400

Ion	Ratio	Lower	Upper
146	100		
111	44.5	29.7	55.1
148	80.0	44.5	82.7