Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112020\
Data File : VX019483.D
Acq On : 19 Nov 2020 22:00
Operator : JC/MD
Sample : L4801-02 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : EFF-WW

Quant Time: Nov 20 03:04:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X112020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 20 01:06:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	44444	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.82	114	237552	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	224430	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.03	65	97545	30.54	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.80%			
60) 4-Bromofluorobenzene	11.12	95	108050	29.52	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.40%			
63) Toluene-d8	8.70	98	290917	29.08	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 96.93%			
Target Compounds						Qvalue
12) Methyl Acetate	2.75	43	17533	5.943	ug/l	95
15) Acetone	2.42	58	359476	860.286	ug/l	98
18) Methylene Chloride	2.83	84	1200	0.403	ug/l	92
20) Diisopropyl ether	3.82	45	3344	0.421	ug/l #	78
25) Chloroform	5.17	83	6706	1.321	ug/l	88
30) 2-Butanone	4.64	43	44326	24.041	ug/l	100
67) m/p-Xylenes	10.34	106	3056	0.593	ug/l	93
68) o-Xylene	10.68	106	1141	0.234	ug/l	96

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

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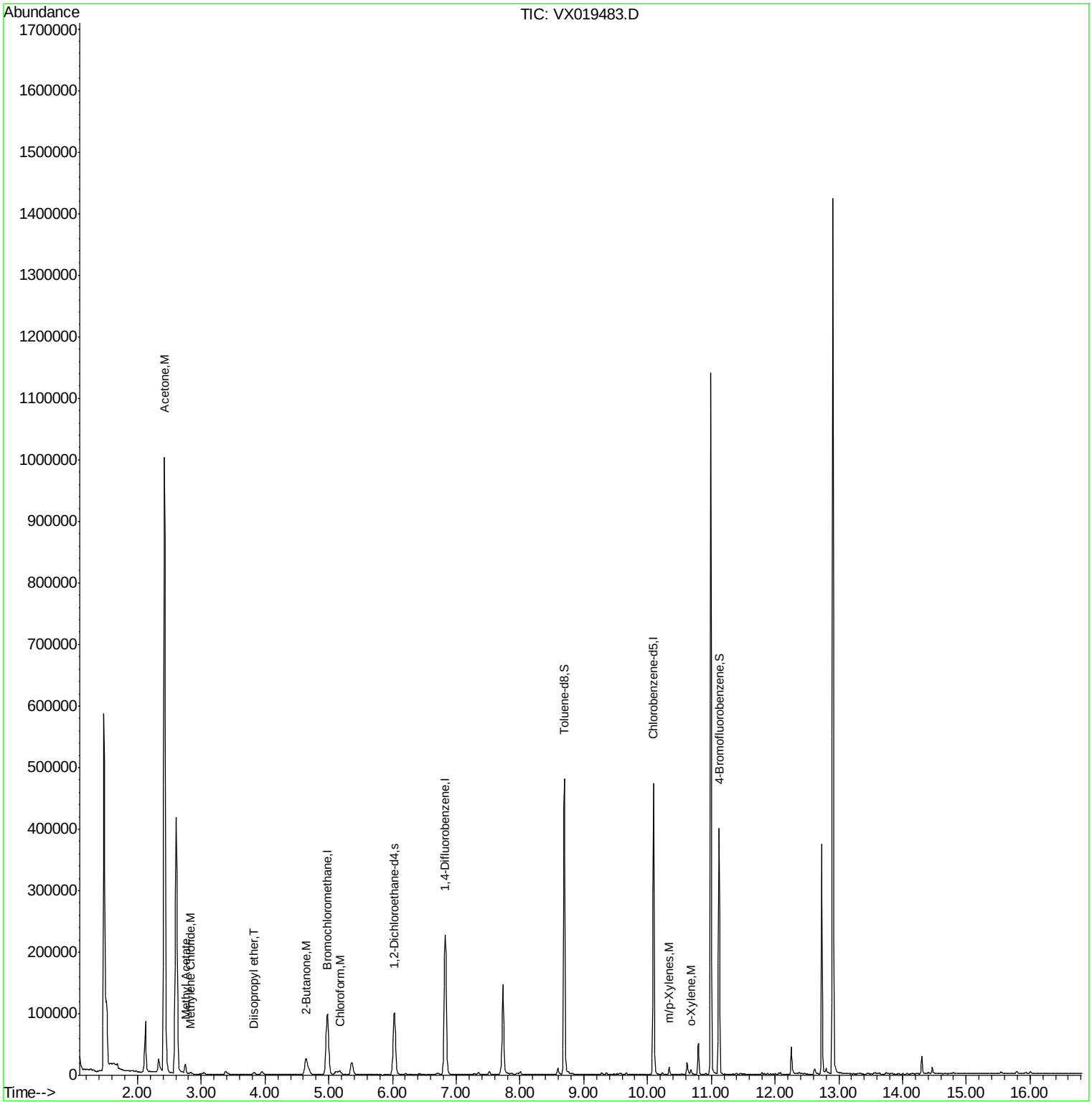
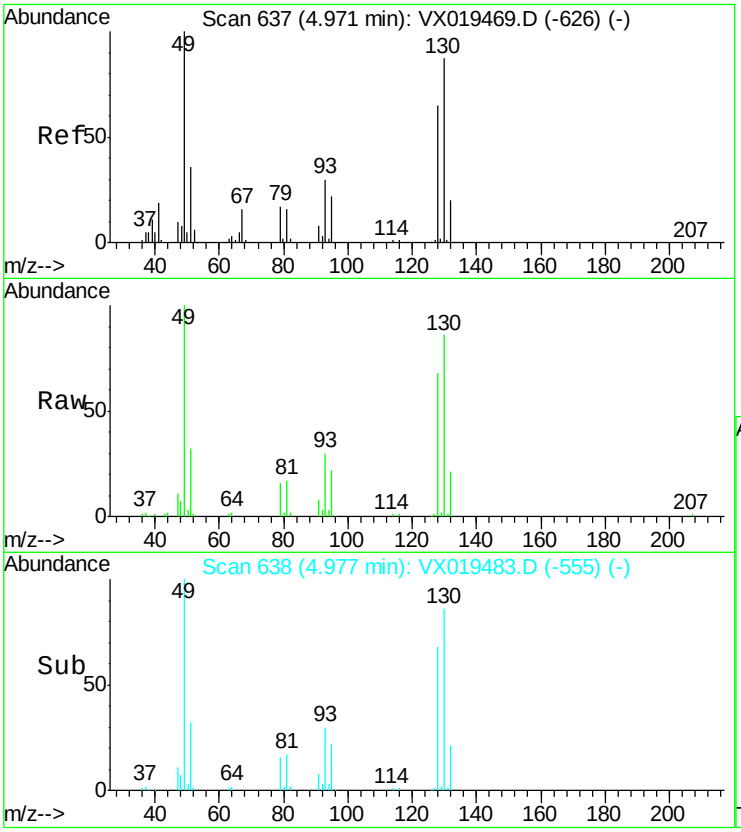


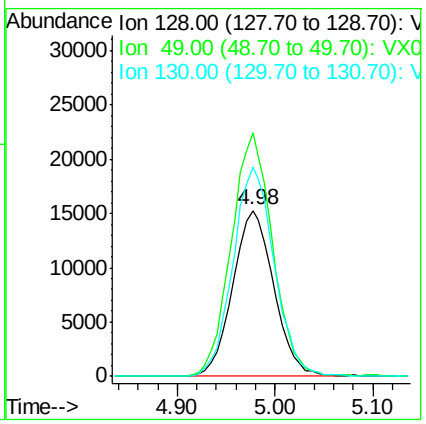


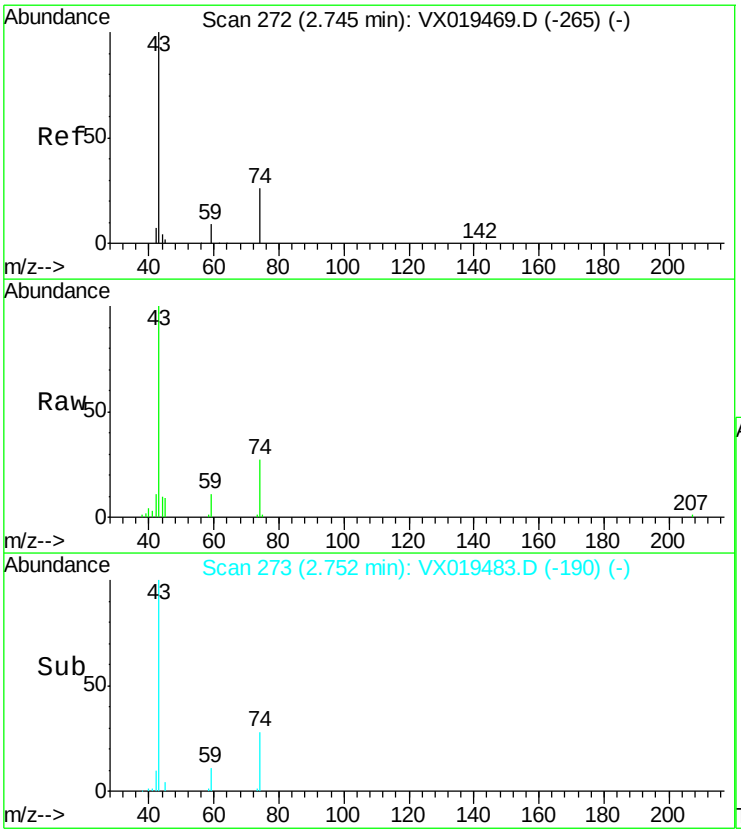
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.01 min
Lab File: VX019483.D
Acq: 19 Nov 2020 22:00

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Tgt Ion:128 Resp: 44444

Ion	Ratio	Lower	Upper
128	100		
49	147.8	0.0	377.8
130	127.1	0.0	324.0

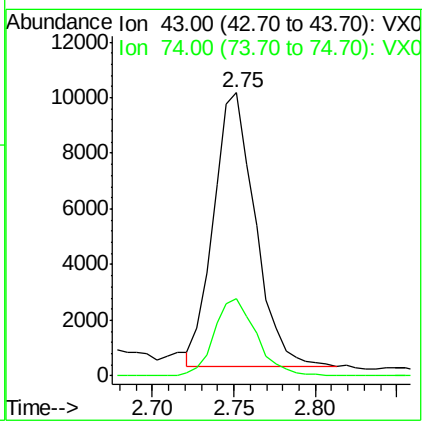


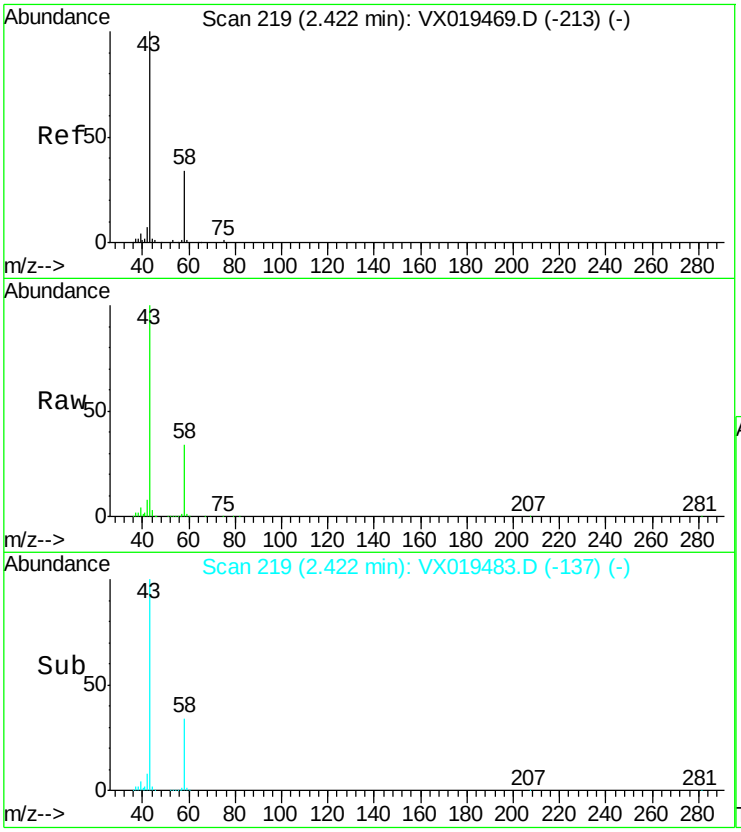


#12
Methyl Acetate
Concen: 5.943 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX019483.D
Acq: 19 Nov 2020 22:00

Tgt Ion: 43 Resp: 17533

Ion	Ratio	Lower	Upper
43	100		
74	28.3	20.7	31.1



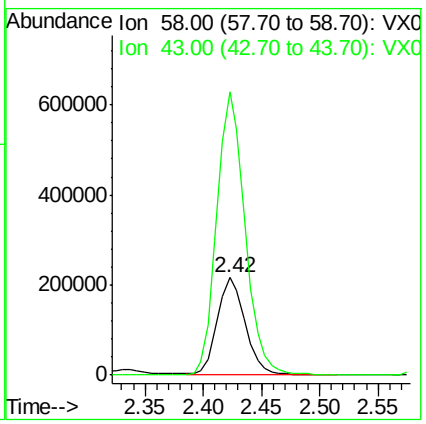


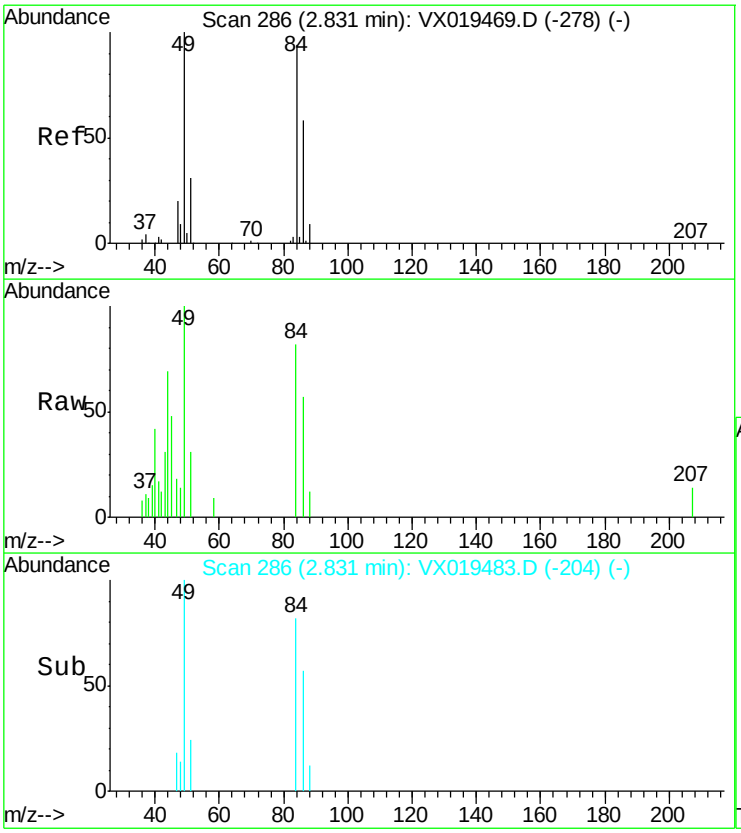
#15
Acetone
Concen: 860.286 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX019483.D
Acq: 19 Nov 2020 22:00

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Tgt Ion: 58 Resp: 359476

Ion	Ratio	Lower	Upper
58	100		
43	290.8	236.3	354.5

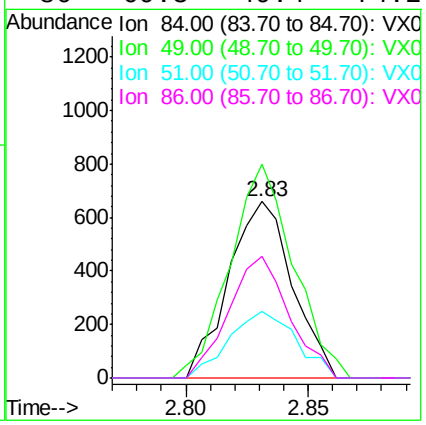


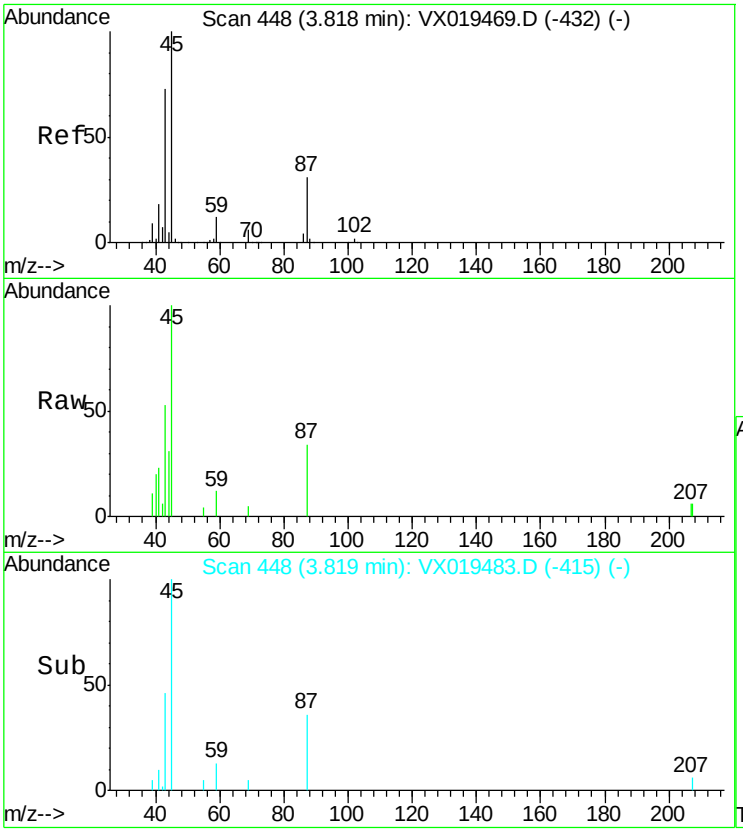


#18
Methylene Chloride
Concen: 0.403 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019483.D
Acq: 19 Nov 2020 22:00

Tgt Ion: 84 Resp: 1200

Ion	Ratio	Lower	Upper
84	100		
49	113.7	85.4	128.0
51	38.1	26.7	40.1
86	69.3	49.4	74.2



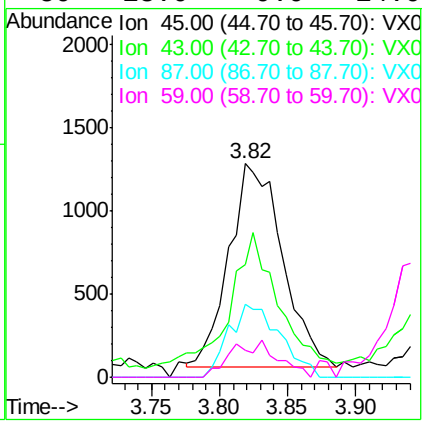


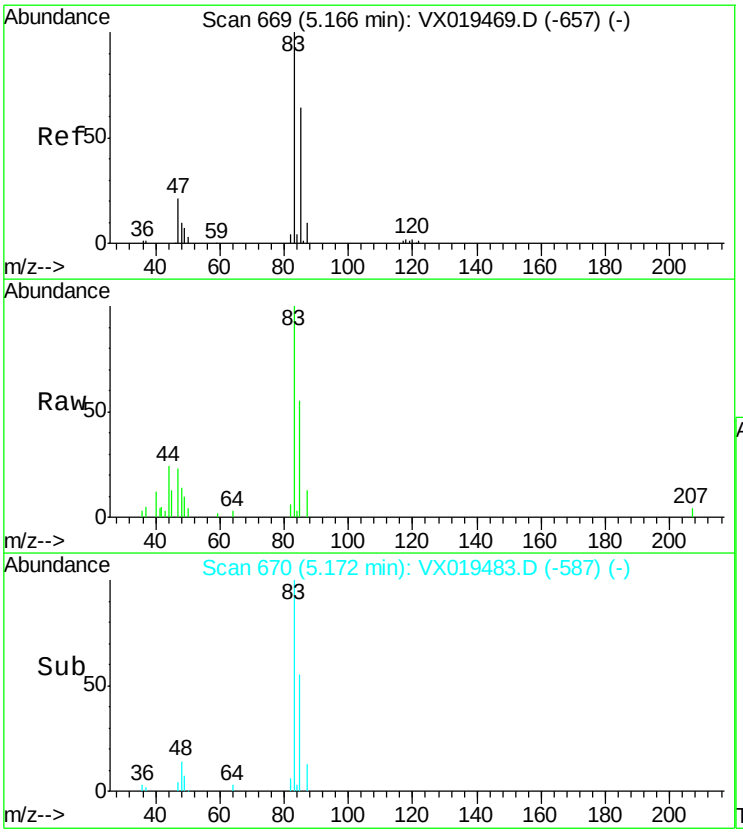
#20
Diisopropyl ether
Concen: 0.421 ug/l
RT: 3.82 min Scan# 448
Delta R.T. 0.00 min
Lab File: VX019483.D
Acq: 19 Nov 2020 22:00

Instrument : MSVOA_X
ClientSampleId : EFF-WW

Tgt Ion: 45 Resp: 3344

Ion	Ratio	Lower	Upper
45	100		
43	48.2	58.7	88.1#
87	36.0	24.5	36.7
59	13.0	9.9	14.9

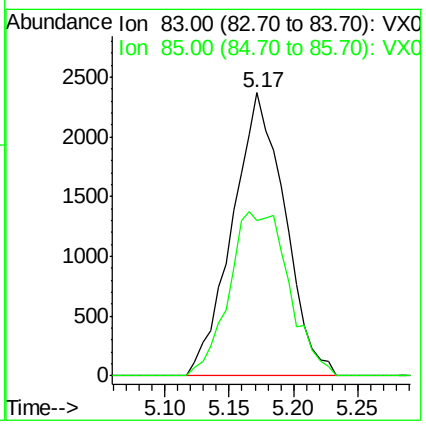


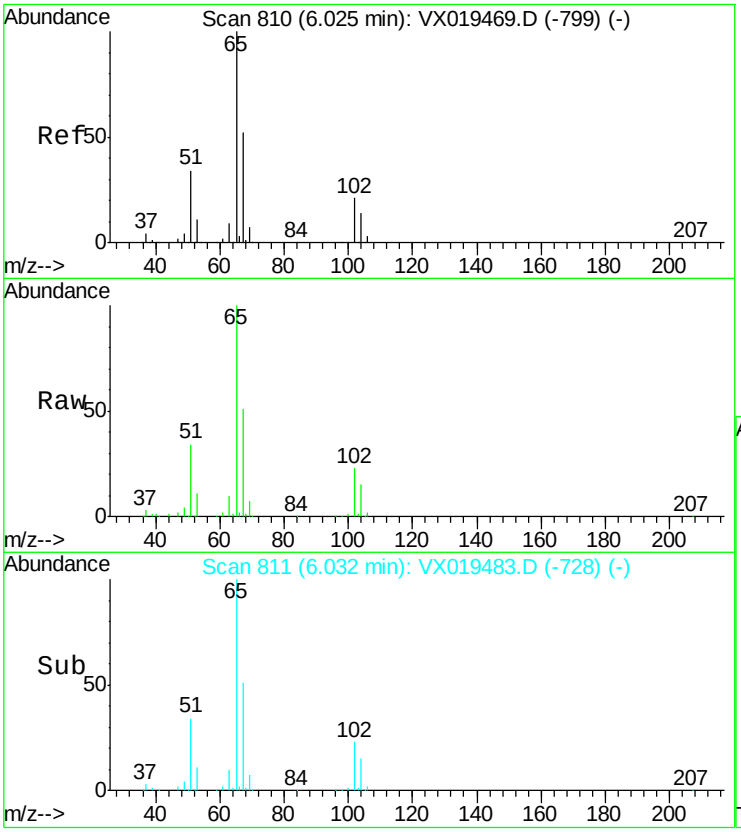


#25
Chloroform
Concen: 1.321 ug/l
RT: 5.17 min Scan# 670
Delta R.T. 0.01 min
Lab File: VX019483.D
Acq: 19 Nov 2020 22:00

Tgt Ion: 83 Resp: 6706

Ion	Ratio	Lower	Upper
83	100		
85	54.9	51.4	77.0



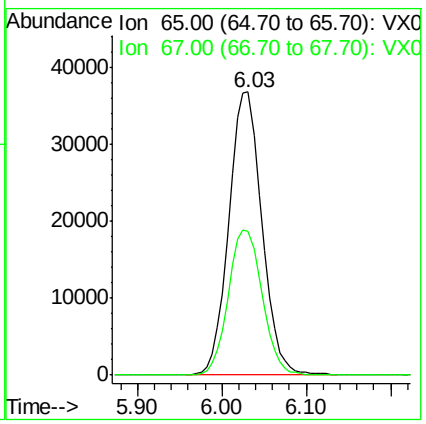


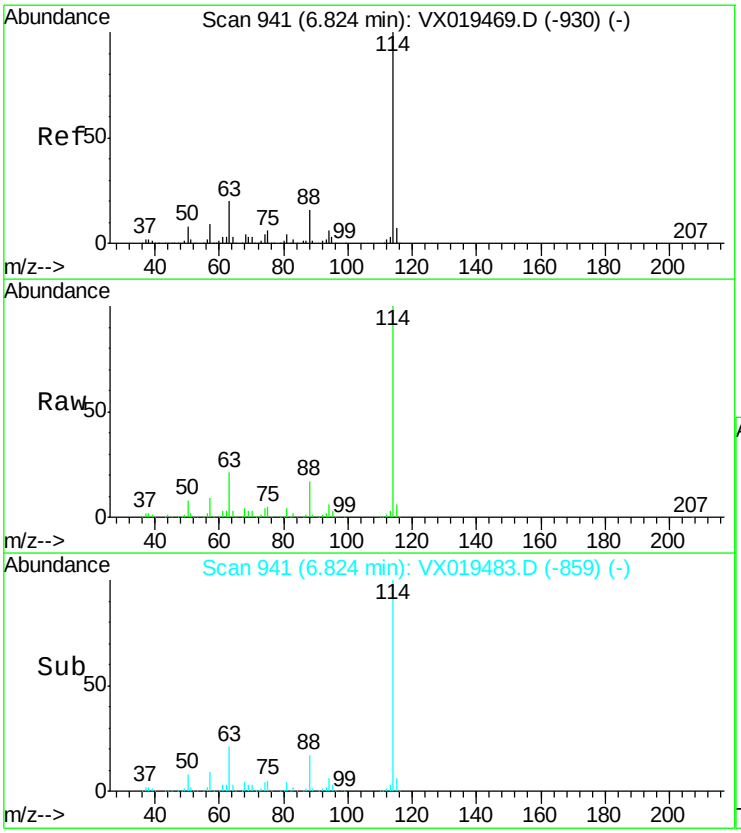
#27
1,2-Dichloroethane-d4
Concen: 30.538 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.01 min
Lab File: VX019483.D
Acq: 19 Nov 2020 22:00

Instrument : MSVOA_X
ClientSampleId : EFF-WW

Tgt Ion: 65 Resp: 97545

Ion	Ratio	Lower	Upper
65	100		
67	52.8	42.2	63.2

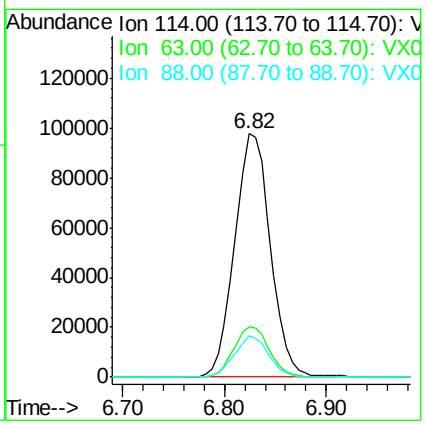


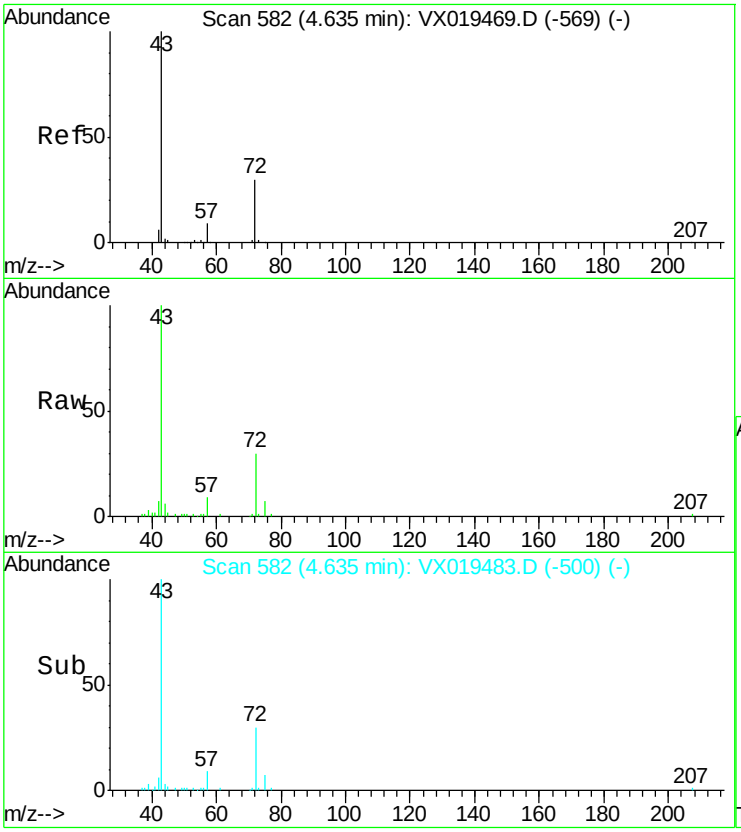


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.82 min Scan# 941
Delta R.T. 0.00 min
Lab File: VX019483.D
Acq: 19 Nov 2020 22:00

Tgt Ion:114 Resp: 237552

Ion	Ratio	Lower	Upper
114	100		
63	20.8	16.2	24.2
88	16.2	12.9	19.3



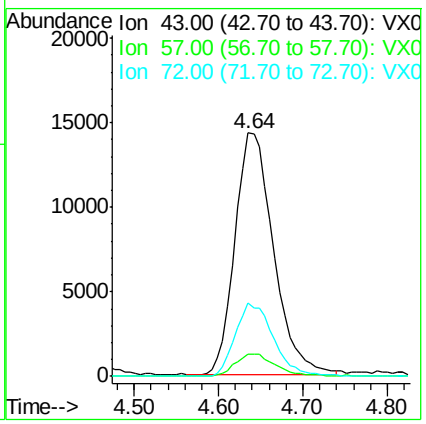


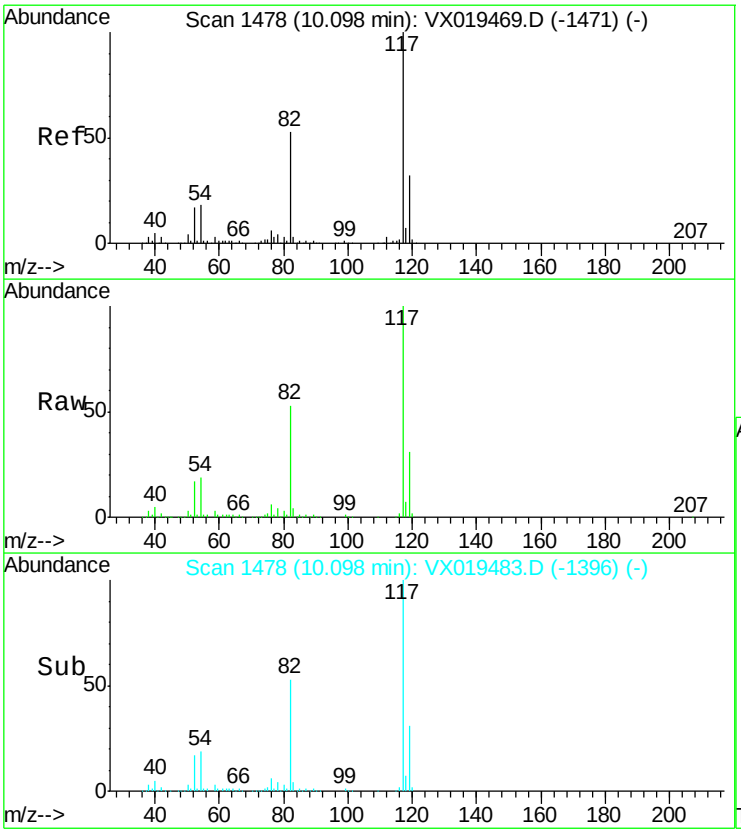
#30
2-Butanone
Concen: 24.041 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX019483.D
Acq: 19 Nov 2020 22:00

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Tgt Ion: 43 Resp: 44326

Ion	Ratio	Lower	Upper
43	100		
57	9.4	7.4	11.0
72	30.1	24.2	36.2

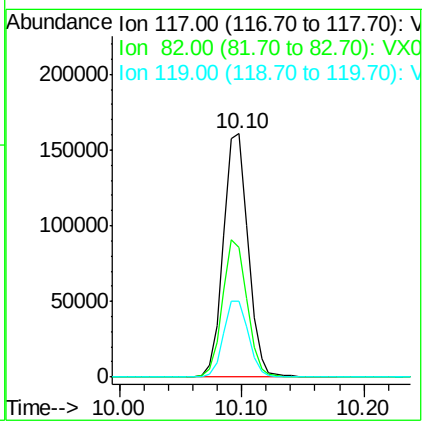


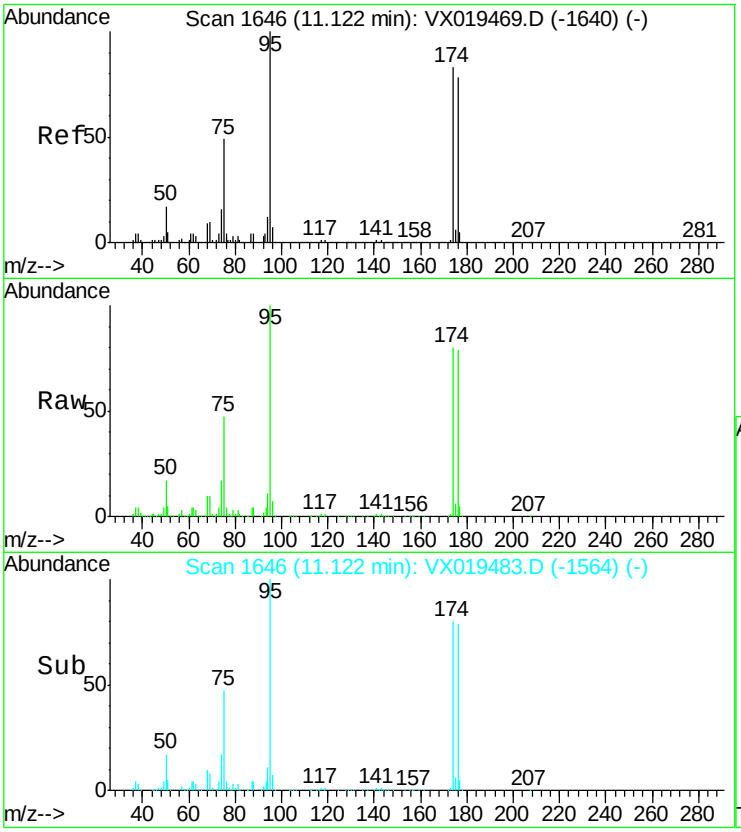


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019483.D
Acq: 19 Nov 2020 22:00

Tgt Ion:117 Resp: 224430

Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.5	66.7
119	31.6	25.9	38.9



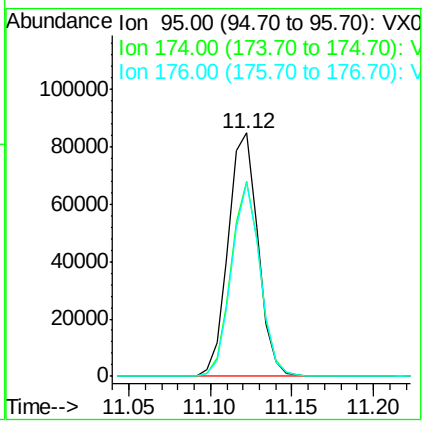


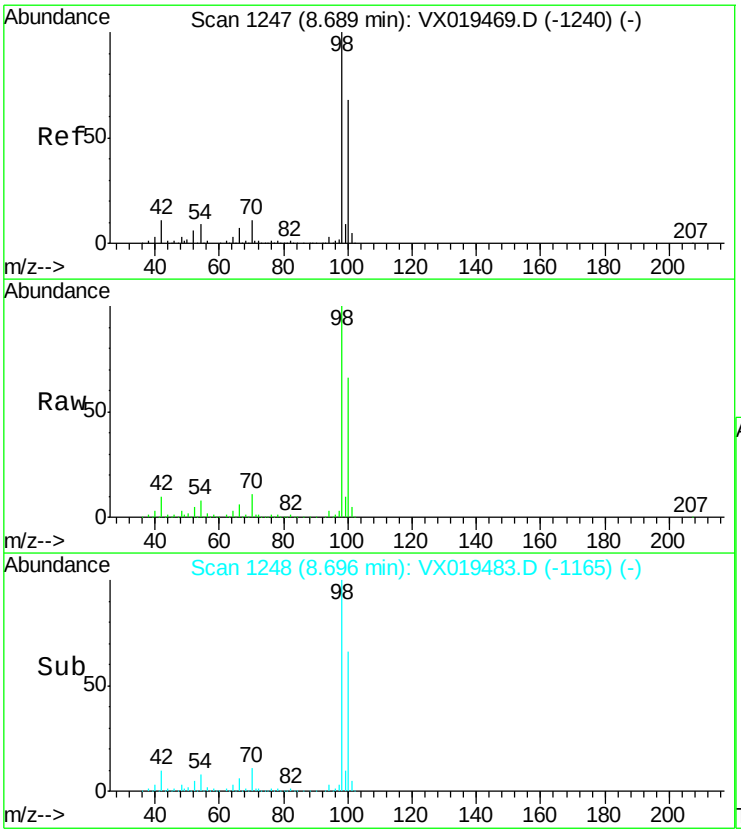
#60
4-Bromofluorobenzene
Concen: 29.521 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019483.D
Acq: 19 Nov 2020 22:00

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Tgt Ion: 95 Resp: 108050

Ion	Ratio	Lower	Upper
95	100		
174	77.6	63.5	95.3
176	75.9	59.8	89.6

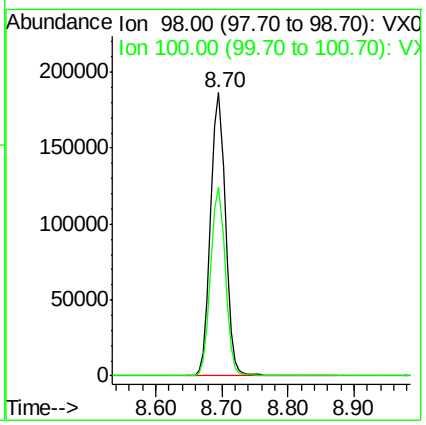


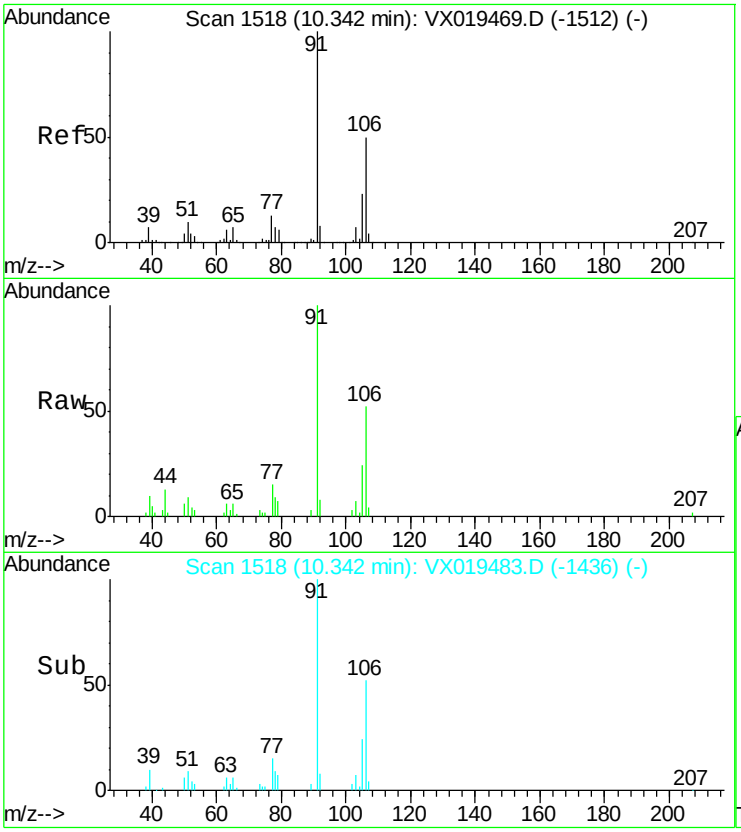


#63
Toluene-d8
Concen: 29.081 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.01 min
Lab File: VX019483.D
Acq: 19 Nov 2020 22:00

Tgt Ion: 98 Resp: 290917

Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.6	80.4



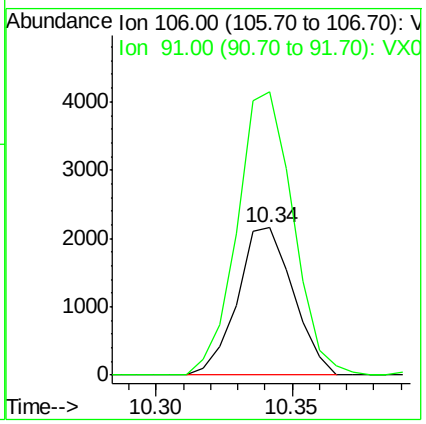


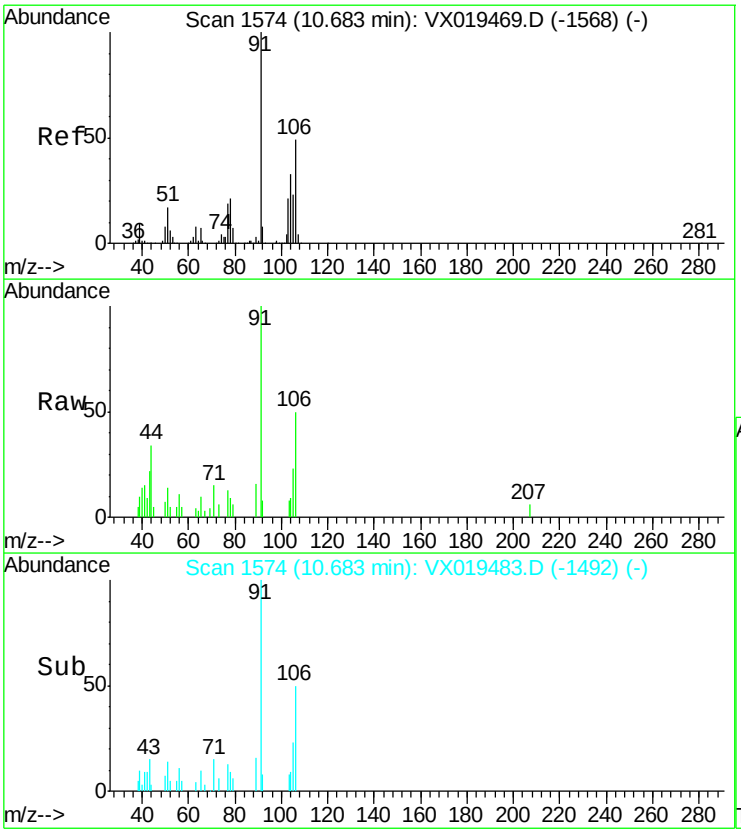
#67
m/p-Xylenes
Concen: 0.593 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019483.D
Acq: 19 Nov 2020 22:00

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Tgt Ion:106 Resp: 3056

Ion	Ratio	Lower	Upper
106	100		
91	193.3	162.7	244.1





#68
o-Xylene
Concen: 0.234 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019483.D
Acq: 19 Nov 2020 22:00

Tgt Ion:106 Resp: 1141

Ion	Ratio	Lower	Upper
106	100		
91	209.7	108.3	324.9