Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112119\
Data File : VX013505.D
Acq On : 21 Nov 2019 16:00
Operator : JC/SP
Sample : K5958-06DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-4DL

Quant Time: Nov 22 04:00:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	669805	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	1073238	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	977890	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	500312	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	390583	49.22	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.44%				
35) Dibromofluoromethane	5.48	113	318511	47.32	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.64%				
50) Toluene-d8	8.71	98	1289159	50.80	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.60%				
62) 4-Bromofluorobenzene	11.14	95	468719	51.18	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.36%				
Target Compounds							Qvalue
67) Ethyl Benzene	10.25	91	359748	10.529	ug/l		98
68) m/p-Xylenes	10.35	106	163104	12.622	ug/l		99
69) o-Xylene	10.70	106	11830	0.935	ug/l		85
73) Isopropylbenzene	11.01	105	281097	8.474	ug/l		100
78) n-propylbenzene	11.35	91	620459	16.791	ug/l		100
80) 1,3,5-Trimethylbenzene	11.50	105	782521	28.321	ug/l		99
83) tert-Butylbenzene	11.76	119	27938	1.004	ug/l		85
84) 1,2,4-Trimethylbenzene	11.81	105	4221461	152.306	ug/l		97
85) sec-Butylbenzene	11.94	105	139965	4.379	ug/l	#	78
86) p-Isopropyltoluene	12.06	119	132978	4.518	ug/l		99
89) n-Butylbenzene	12.38	91	127392	4.960	ug/l	#	44
95) Naphthalene	13.83	128	223382	6.478	ug/l		100

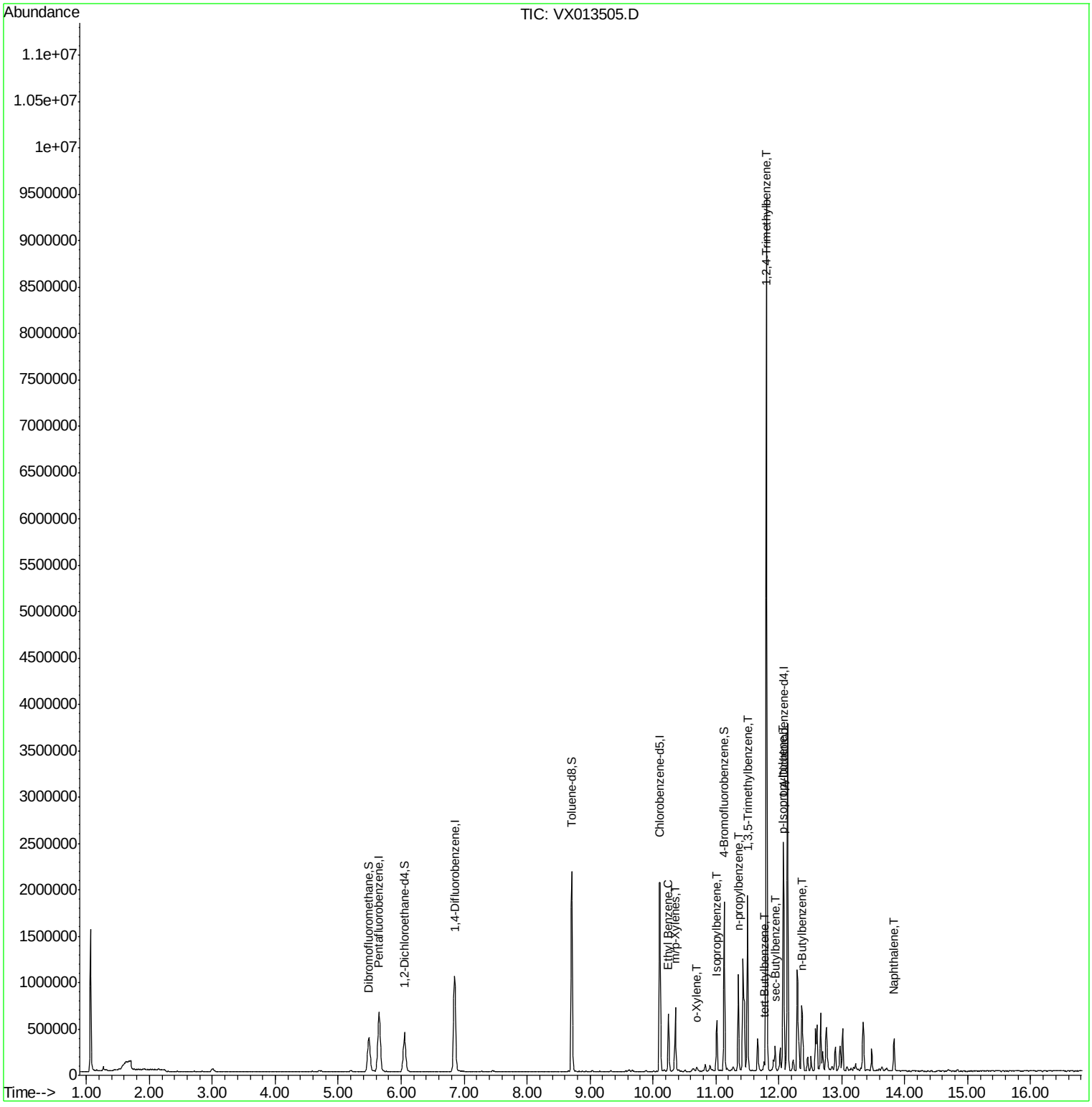
(#) = qualifier out of range (m) = manual integration (+) = signals summed

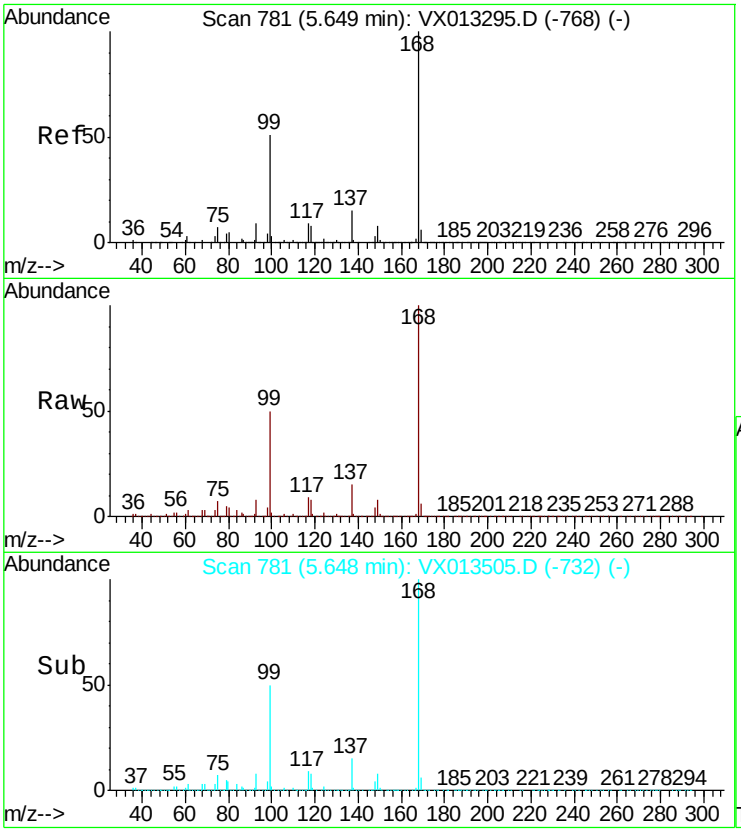
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112119\
Data File : VX013505.D
Acq On : 21 Nov 2019 16:00
Operator : JC/SP
Sample : K5958-06DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-4DL

Quant Time: Nov 22 04:00:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration



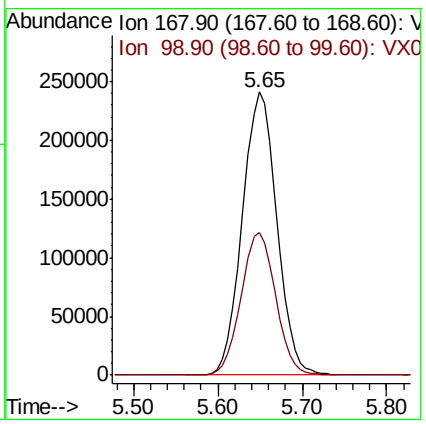


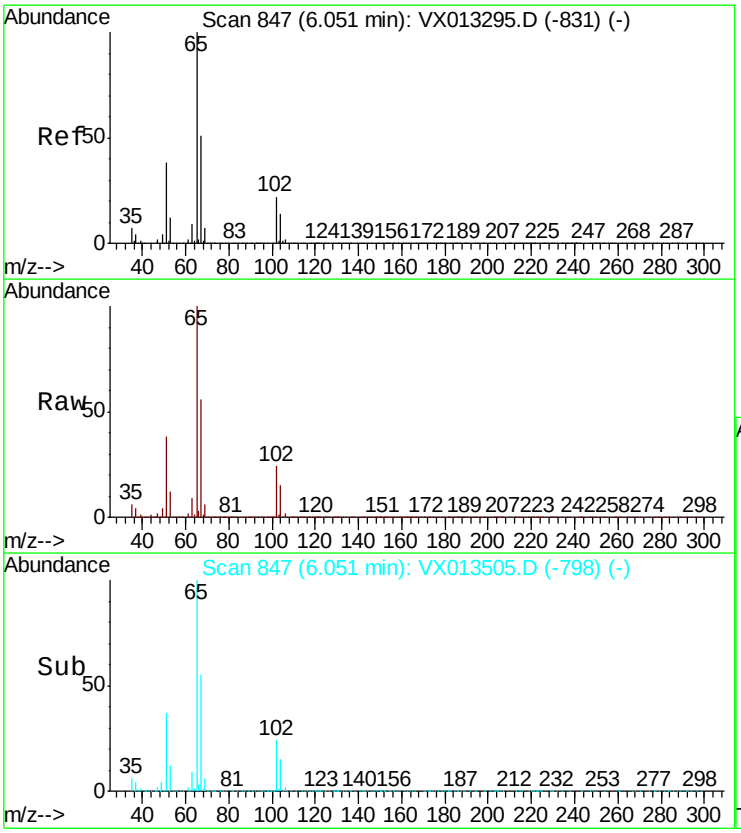
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
MW-4DL

Tgt Ion:168 Resp: 669805

Ion	Ratio	Lower	Upper
168	100		
99	50.3	40.8	61.2

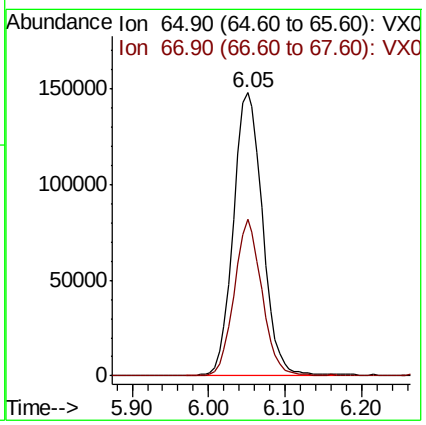


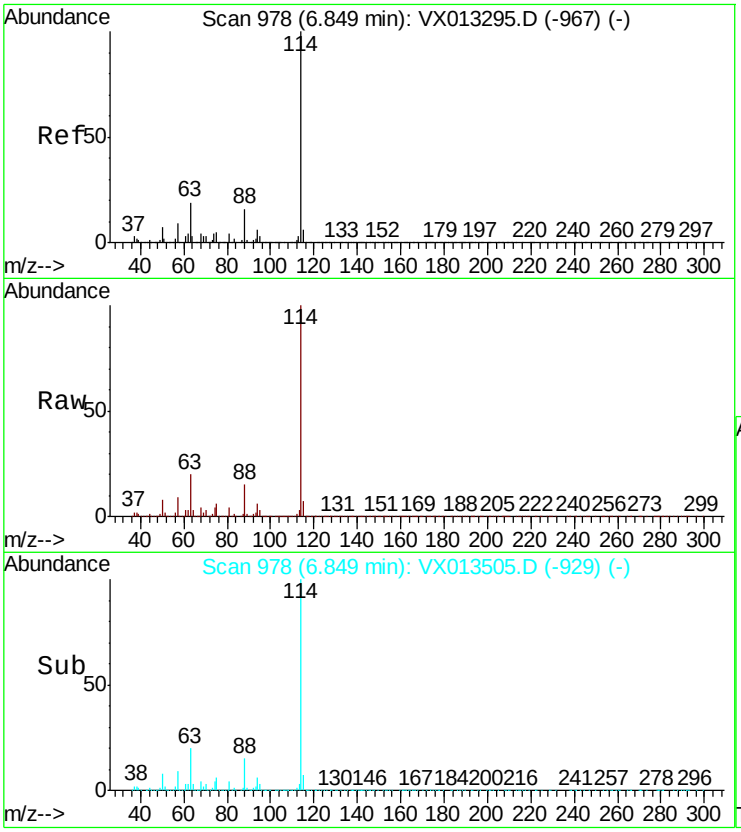


#33
1,2-Dichloroethane-d4
Concen: 49.222 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

Tgt Ion: 65 Resp: 390583

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	104.2



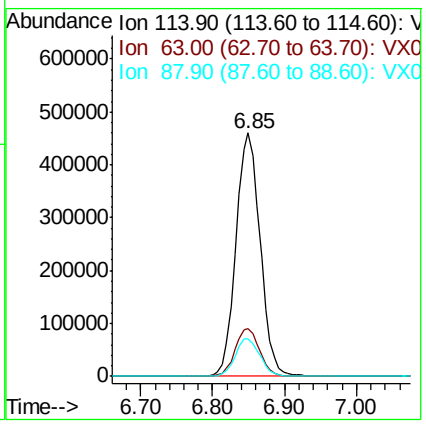


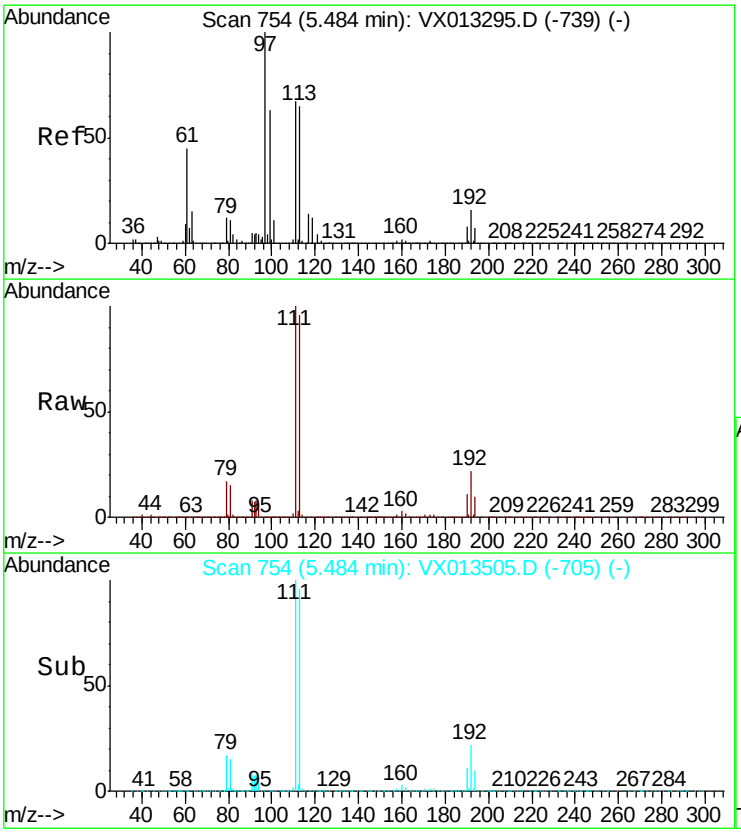
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
MW-4DL

Tgt Ion:114 Resp: 1073238

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	38.4
88	15.2	0.0	32.2

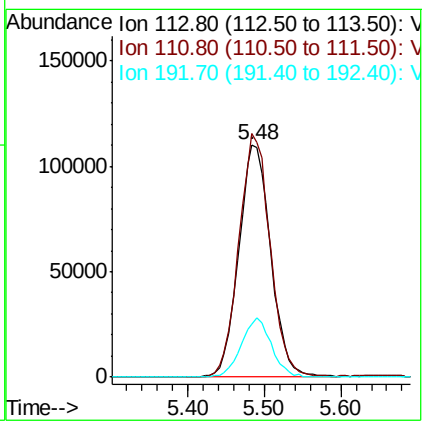


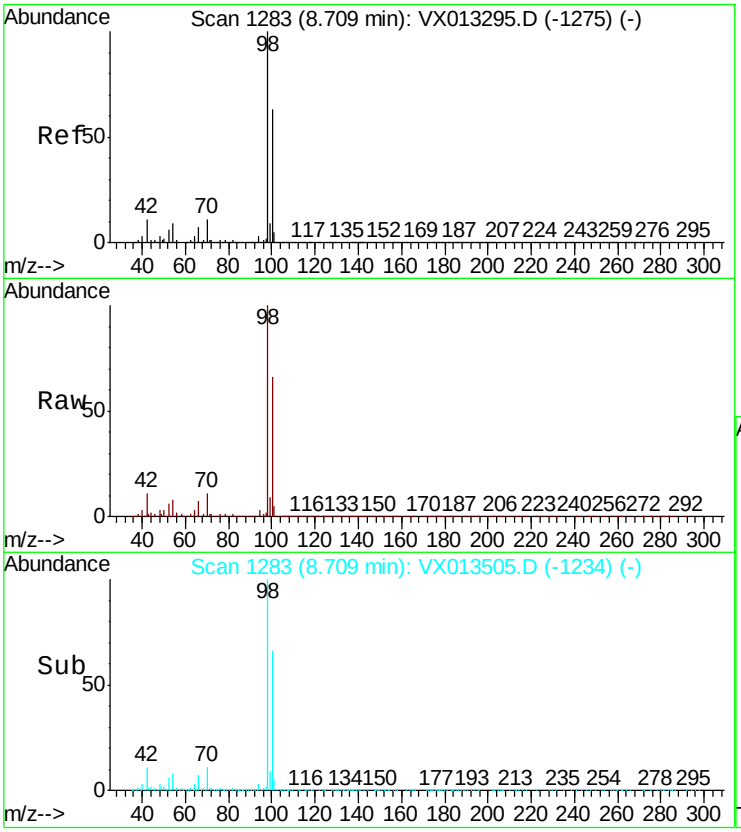


#35
Dibromofluoromethane
Concen: 47.317 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

Tgt Ion:113 Resp: 318511

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.9	122.9
192	24.2	19.1	28.7



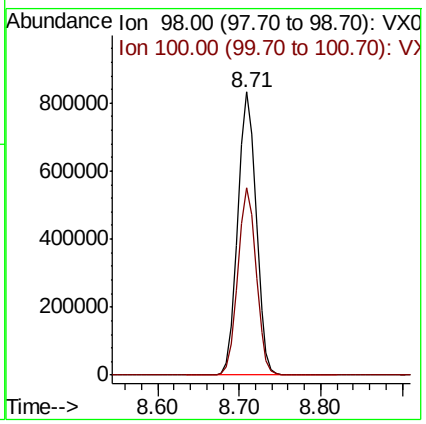


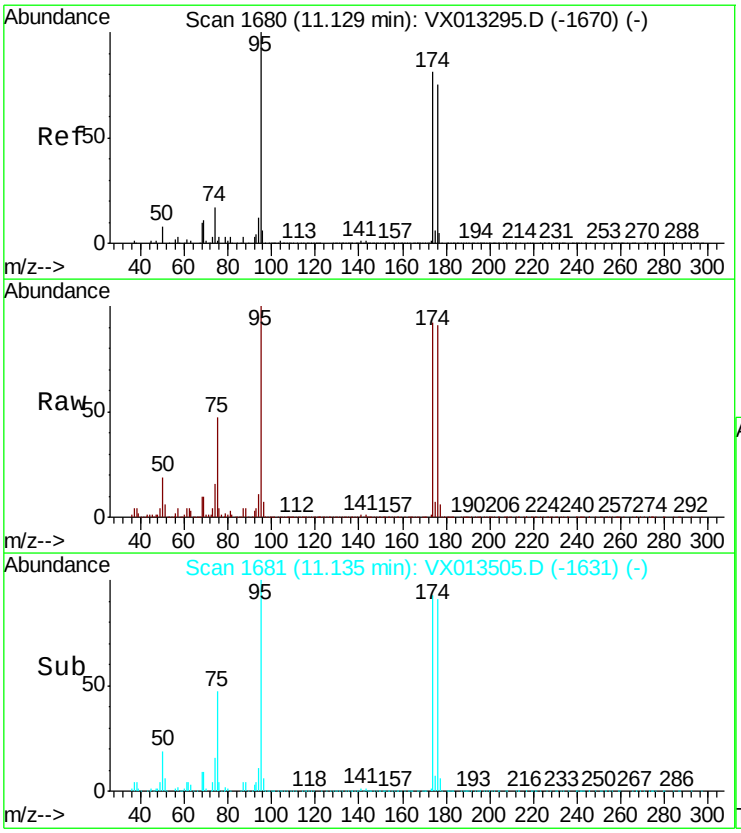
#50
Toluene-d8
Concen: 50.800 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
MW-4DL

Tgt Ion: 98 Resp: 1289159

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.2	78.2

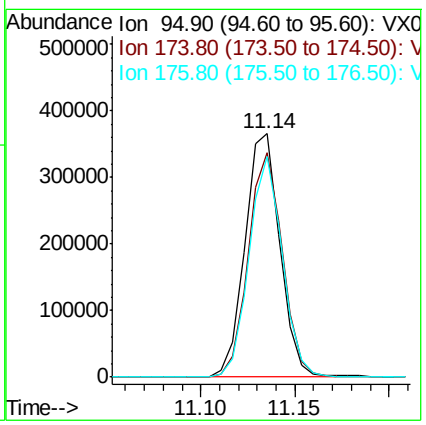


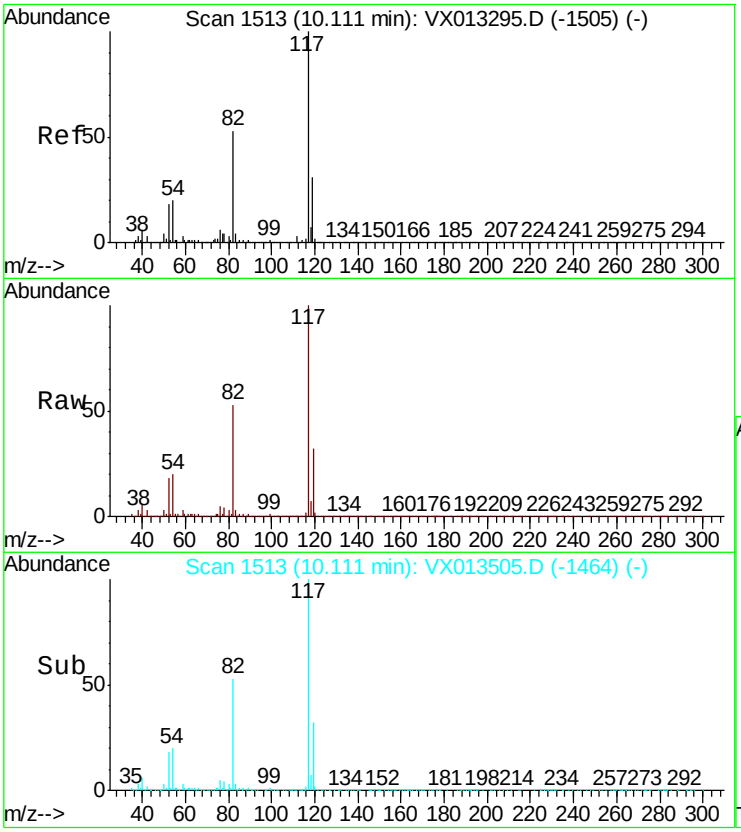


#62
4-Bromofluorobenzene
Concen: 51.177 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

Tgt Ion: 95 Resp: 468719

Ion	Ratio	Lower	Upper
95	100		
174	89.9	0.0	179.8
176	86.8	0.0	173.0



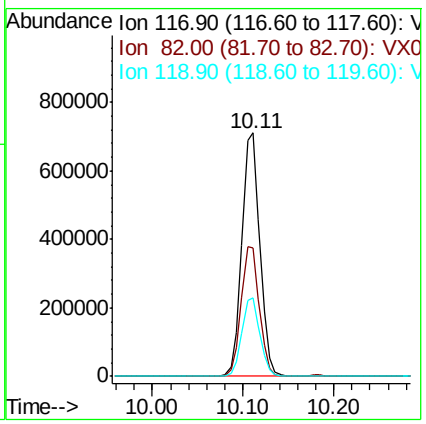


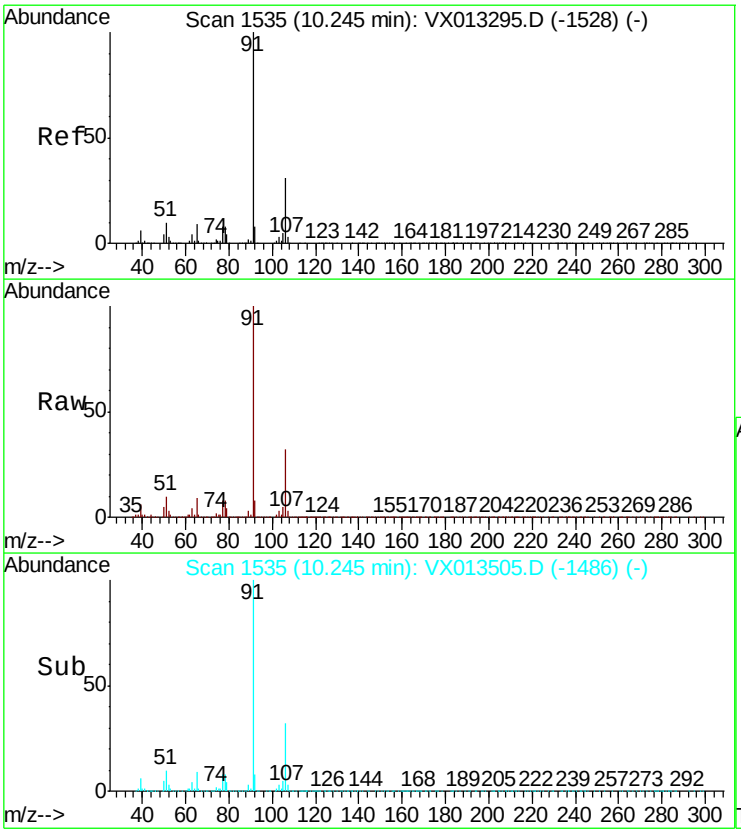
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

Instrument : MSVOA_X
ClientSampleId : MW-4DL

Tgt Ion:117 Resp: 977890

Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.6	64.0
119	32.1	24.8	37.2

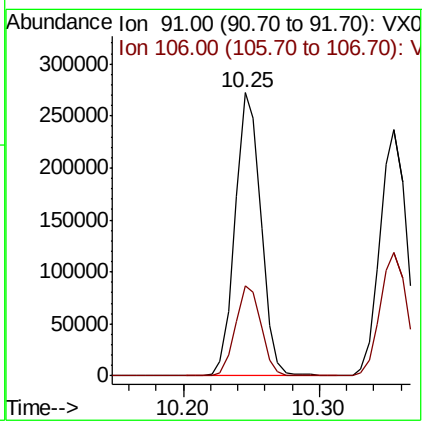


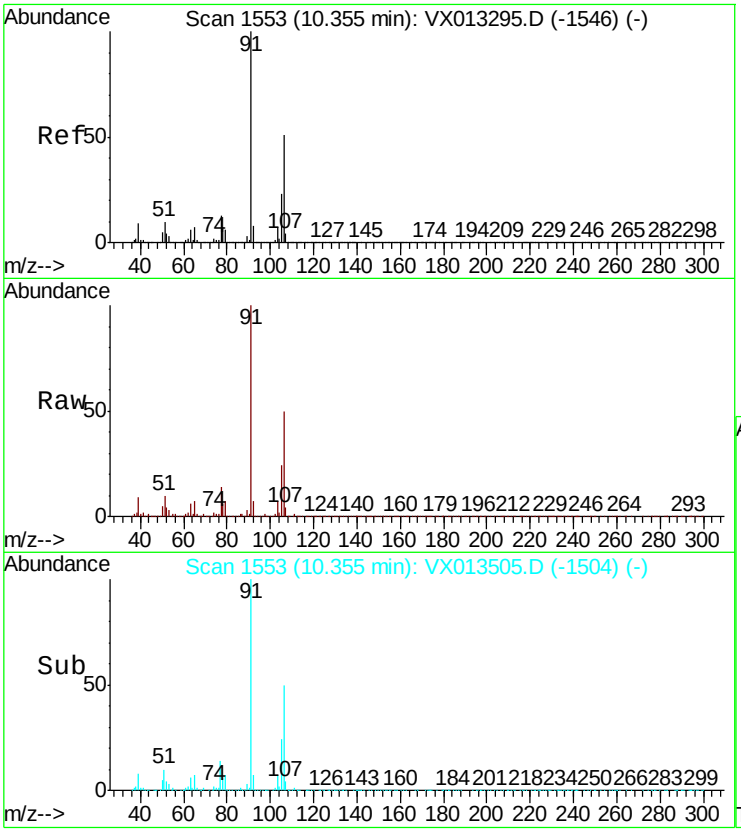


#67
Ethyl Benzene
Concen: 10.529 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

Tgt Ion: 91 Resp: 359748

Ion	Ratio	Lower	Upper
91	100		
106	31.8	24.6	36.8



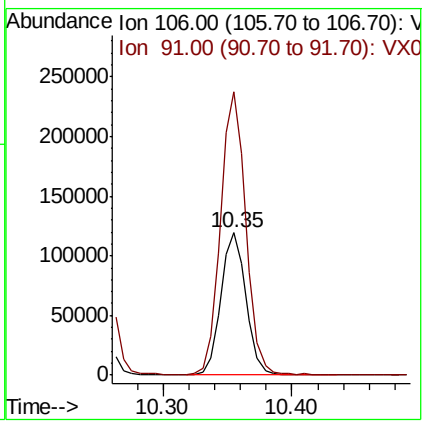


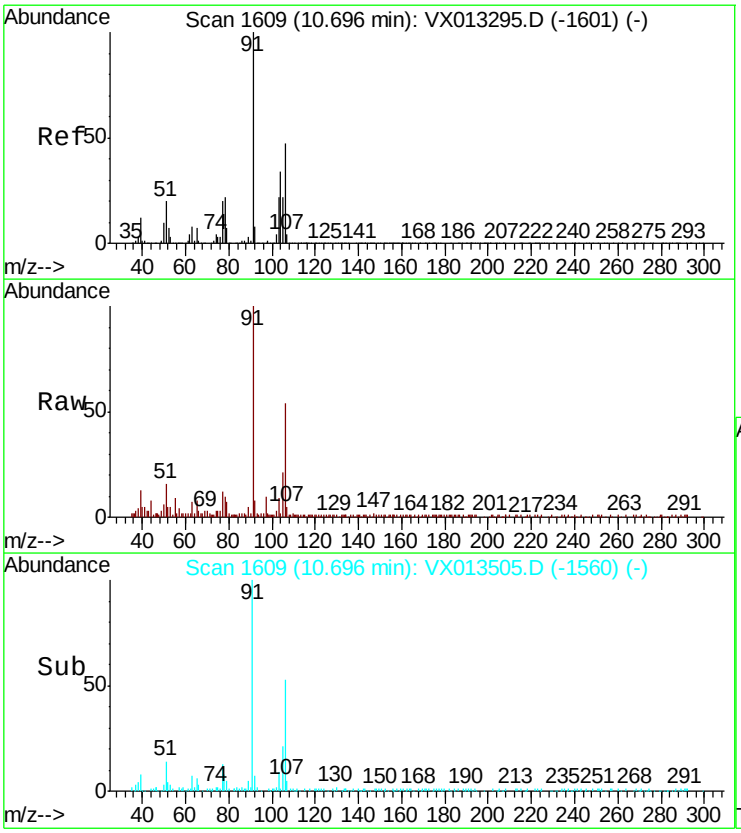
#68
m/p-Xylenes
Concen: 12.622 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
MW-4DL

Tgt Ion:106 Resp: 163104

Ion	Ratio	Lower	Upper
106	100		
91	201.1	159.3	238.9

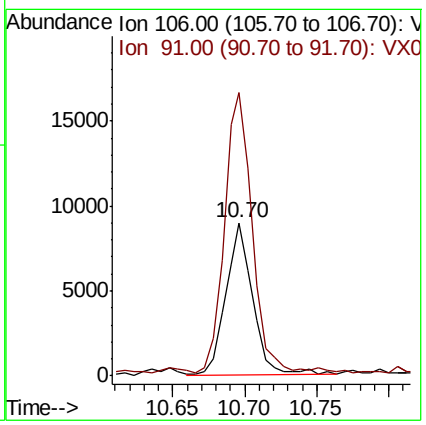


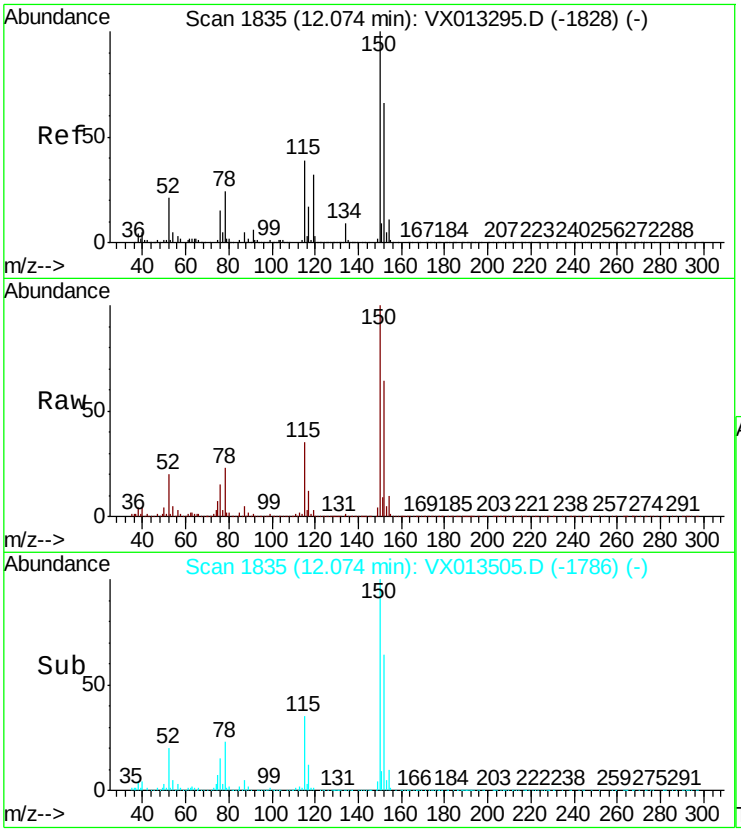


#69
o-Xylene
Concen: 0.935 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

Tgt Ion:106 Resp: 11830

Ion	Ratio	Lower	Upper
106	100		
91	187.7	105.7	317.0



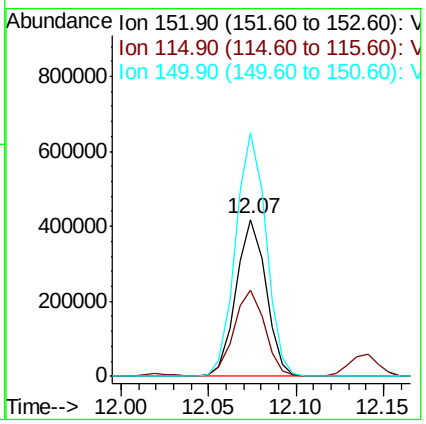


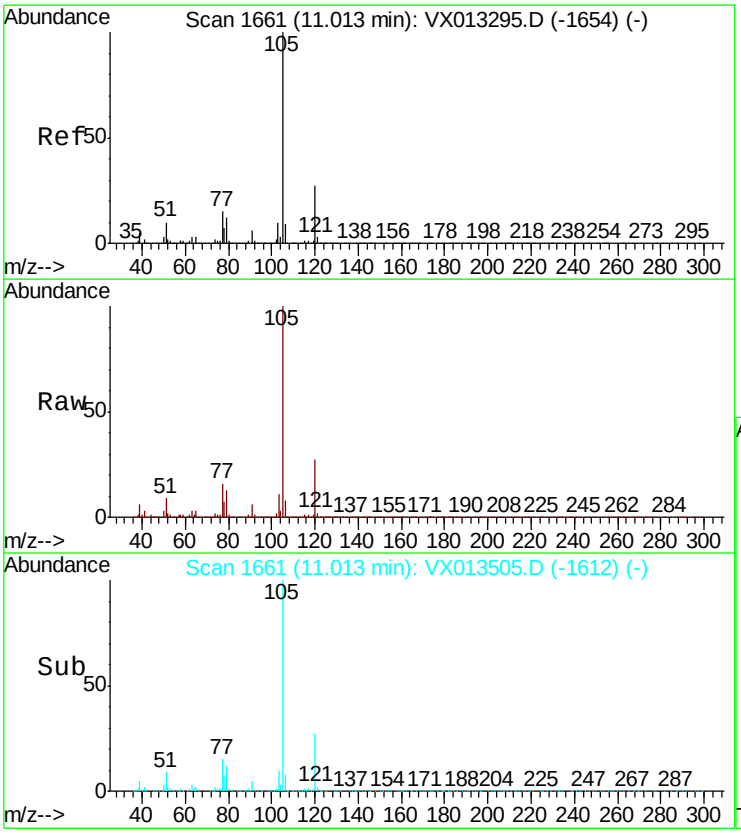
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

Instrument : MSVOA_X
ClientSampleId : MW-4DL

Tgt Ion:152 Resp: 500312

Ion	Ratio	Lower	Upper
152	100		
115	56.9	39.5	118.3
150	157.5	0.0	344.4

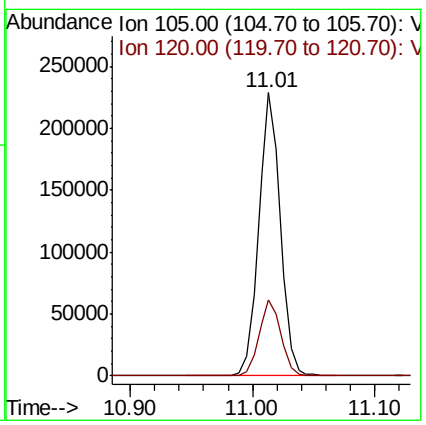


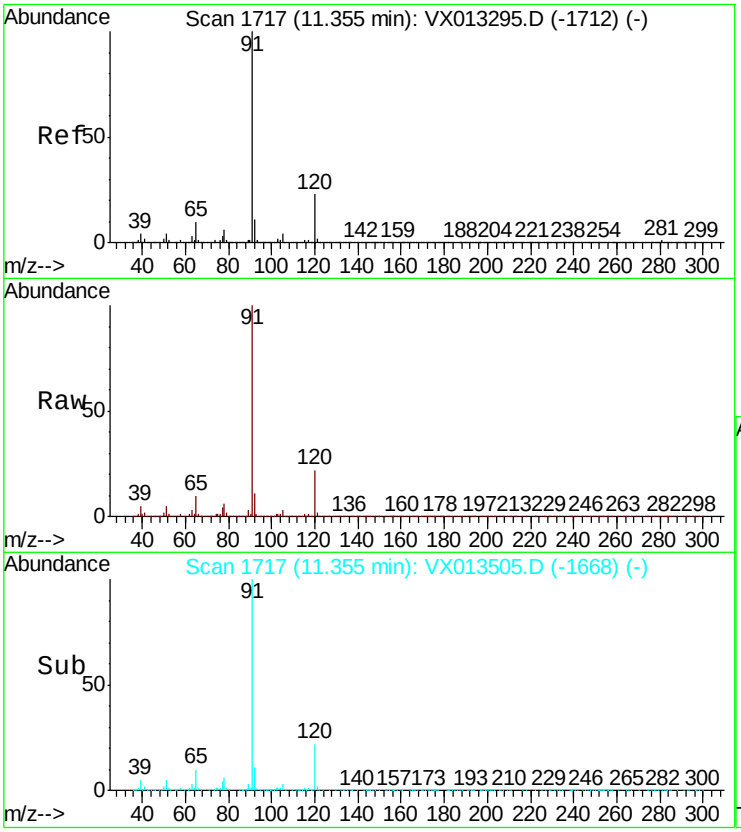


#73
Isopropylbenzene
Concen: 8.474 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

Tgt Ion:105 Resp: 281097

Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.5	40.5



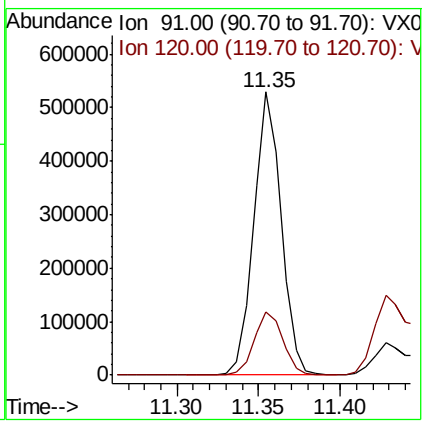


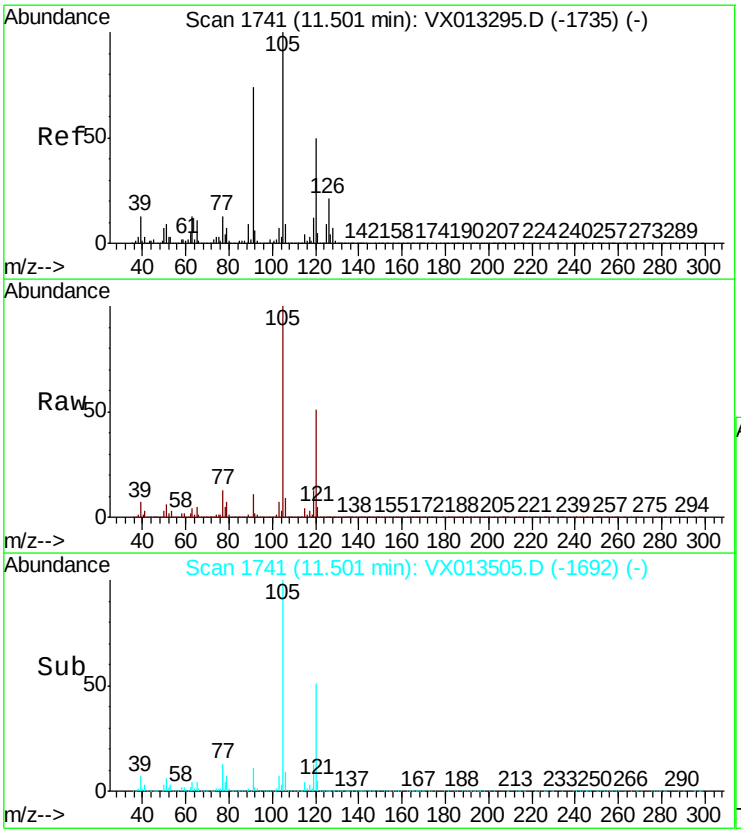
#78
n-propylbenzene
Concen: 16.791 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

Instrument : MSVOA_X
ClientSampleId : MW-4DL

Tgt Ion: 91 Resp: 620459

Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.6	34.8

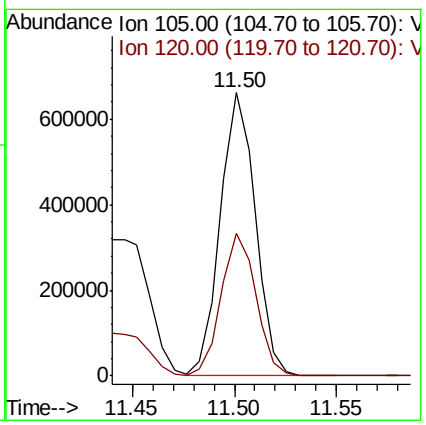


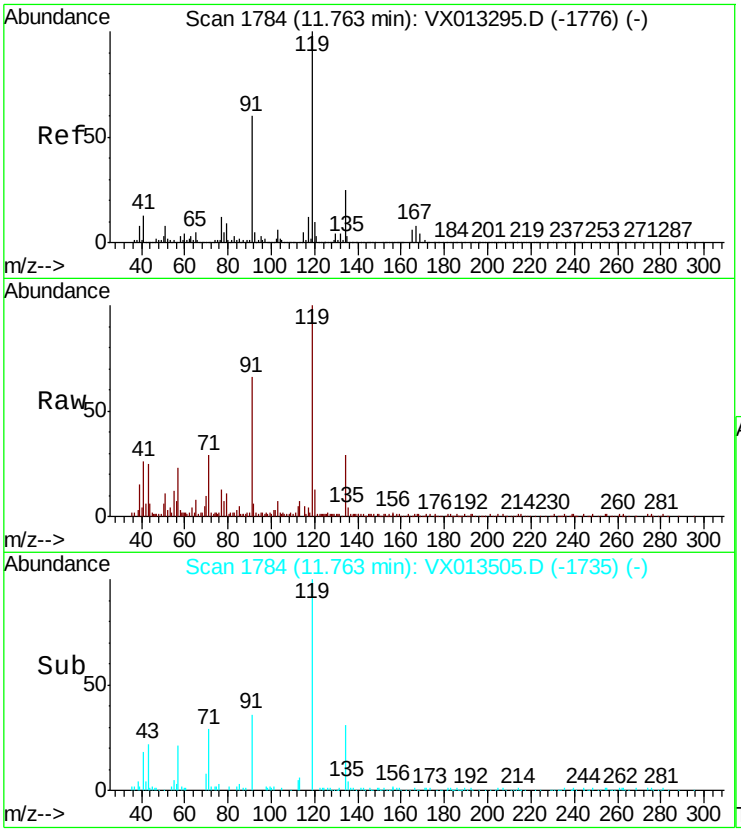


#80
1,3,5-Trimethylbenzene
Concen: 28.321 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

Tgt Ion:105 Resp: 782521

Ion	Ratio	Lower	Upper
105	100		
120	50.2	24.9	74.8



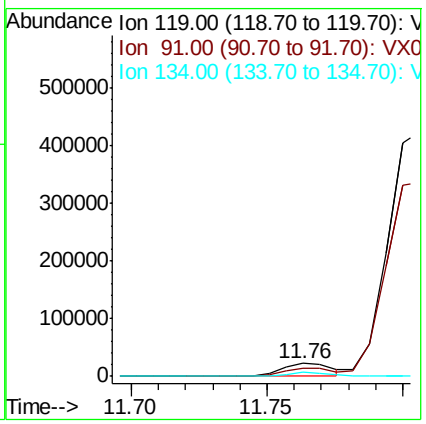


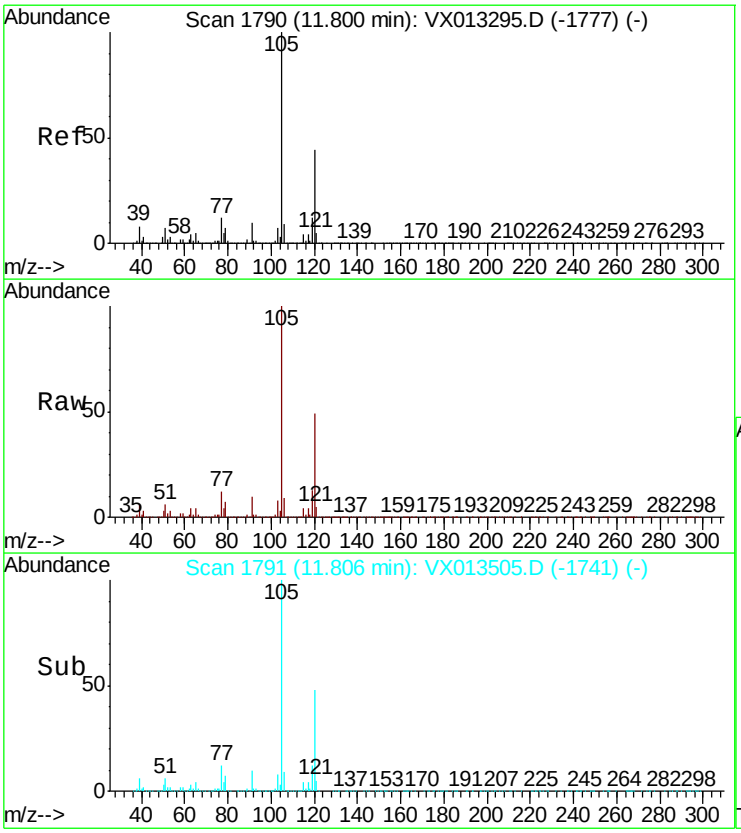
#83
tert-Butylbenzene
Concen: 1.004 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
MW-4DL

Tgt Ion:119 Resp: 27938

Ion	Ratio	Lower	Upper
119	100		
91	65.9	26.9	80.7
134	28.0	11.7	35.1

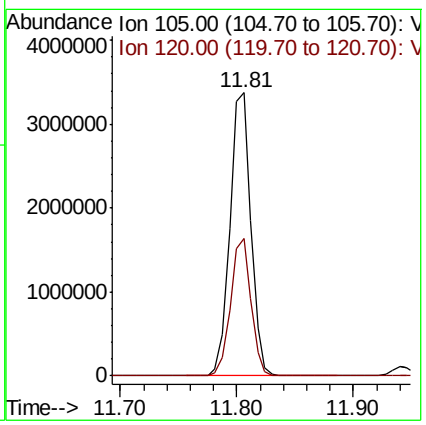


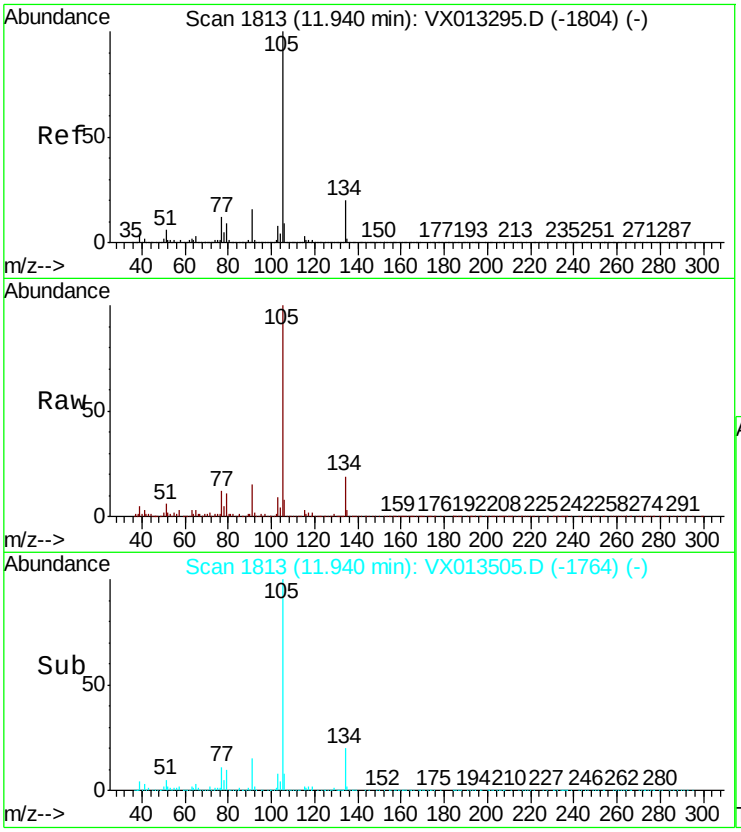


#84
1,2,4-Trimethylbenzene
Concen: 152.306 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

Tgt Ion:105 Resp: 4221461

Ion	Ratio	Lower	Upper
105	100		
120	47.5	22.7	68.1



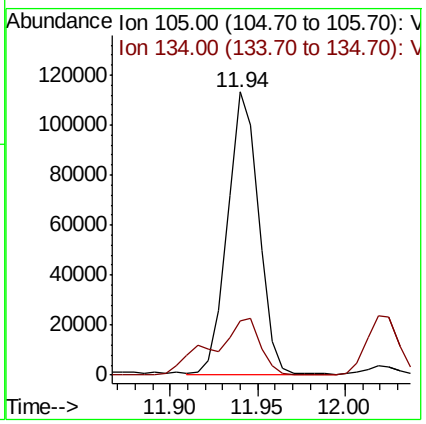


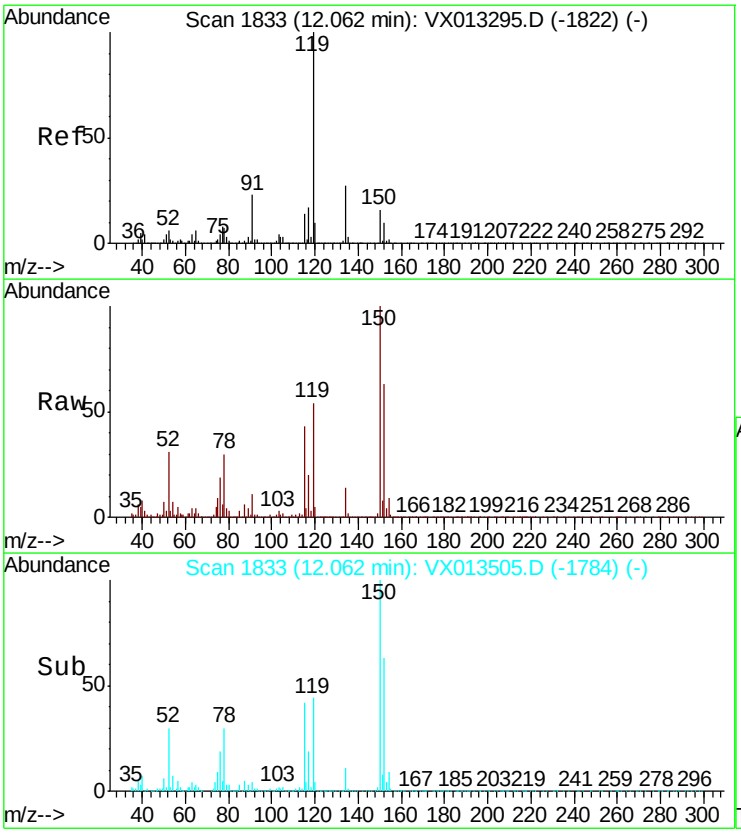
#85
sec-Butylbenzene
Concen: 4.379 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
MW-4DL

Tgt Ion:105 Resp: 139965

Ion	Ratio	Lower	Upper
105	100		
134	31.0	10.3	30.9#

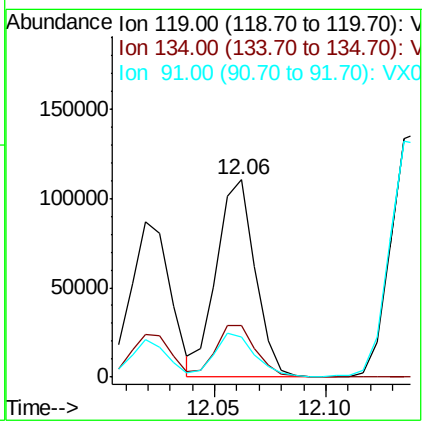


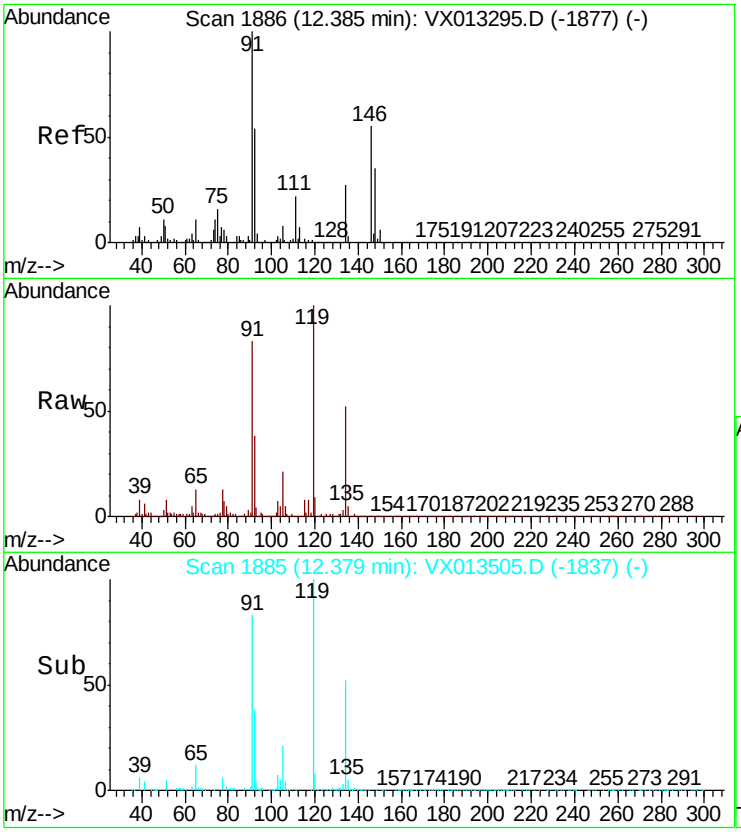


#86
p-Isopropyltoluene
Concen: 4.518 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

Tgt Ion:119 Resp: 132978

Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.3	39.8
91	22.7	11.5	34.4



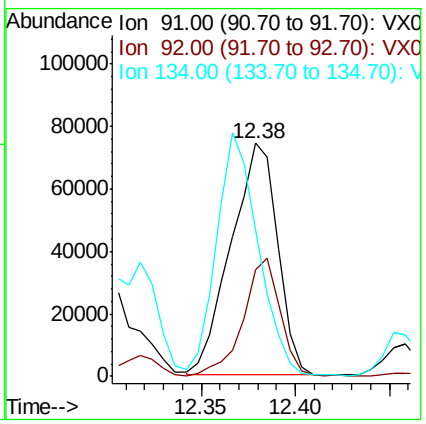


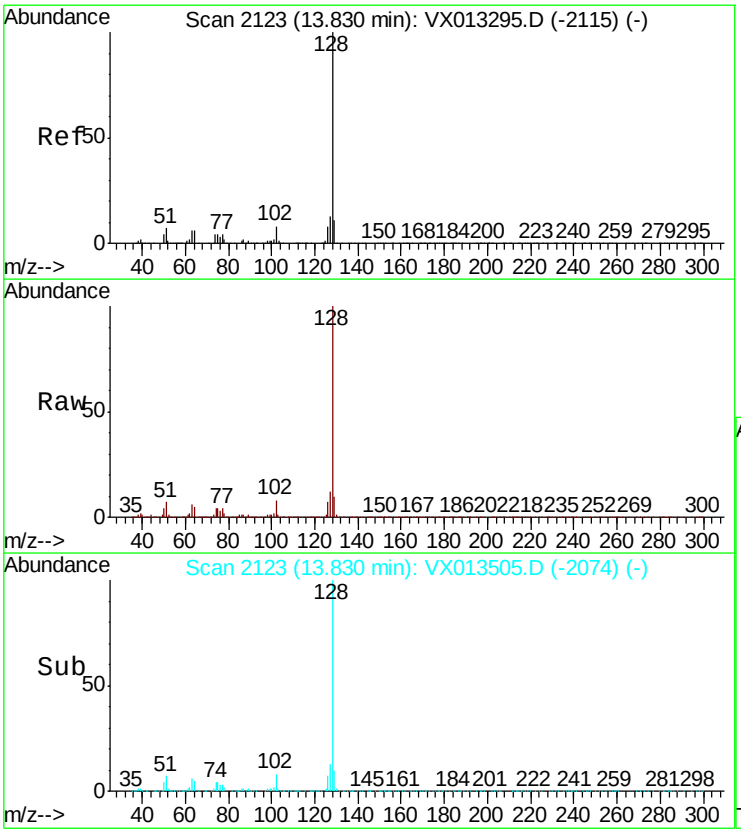
#89
n-Butylbenzene
Concen: 4.960 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

Instrument : MSVOA_X
ClientSampleId : MW-4DL

Tgt Ion: 91 Resp: 127392

Ion	Ratio	Lower	Upper
91	100		
92	39.9	27.3	81.8
134	92.7	13.5	40.5#





#95
Naphthalene
Concen: 6.478 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

Tgt Ion:128 Resp: 223382

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.8	8.5	12.7