Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081319\
Data File : VX011535.D
Acq On : 13 Aug 2019 14:54
Operator : JC/SP
Sample : K4279-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Z3-0668

Manual Integrations APPROVED
MMDadoda
8/14/2019 11:31:50 AM

Quant Time: Aug 14 02:01:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	210874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	304434	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	278588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	145391	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	114131	53.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.48%			
35) Dibromofluoromethane	5.49	113	92160	46.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.74%			
50) Toluene-d8	8.71	98	359996	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.96%			
62) 4-Bromofluorobenzene	11.13	95	130434	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.38%			
Target Compounds						Qvalue
16) Acetone	2.43	43	1179m	1.166	ug/l	
31) Cyclohexane	5.57	56	184875	67.601	ug/l	96
39) Methylcyclohexane	7.46	83	70536	22.388	ug/l	96
40) Benzene	6.14	78	47237	5.956	ug/l	97
67) Ethyl Benzene	10.25	91	1571738	157.115	ug/l	98
68) m/p-Xylenes	10.36	106	35943	9.289	ug/l	97
69) o-Xylene	10.70	106	4644	1.222	ug/l	97
73) Isopropylbenzene	11.02	105	160592	16.150	ug/l	99
78) n-propylbenzene	11.36	91	198668	17.966	ug/l	99
83) tert-Butylbenzene	11.77	119	3234m	0.396	ug/l	
84) 1,2,4-Trimethylbenzene	11.80	105	1099739	132.698	ug/l	99
85) sec-Butylbenzene	11.94	105	19458m	1.984	ug/l	
86) p-Isopropyltoluene	12.06	119	5932	0.657	ug/l #	76
89) n-Butylbenzene	12.38	91	5095m	0.655	ug/l	
95) Naphthalene	13.83	128	539119	56.787	ug/l	100

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081319\
Data File : VX011535.D
Acq On : 13 Aug 2019 14:54
Operator : JC/SP
Sample : K4279-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 14 02:01:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
Z3-0668

Manual Integrations APPROVED
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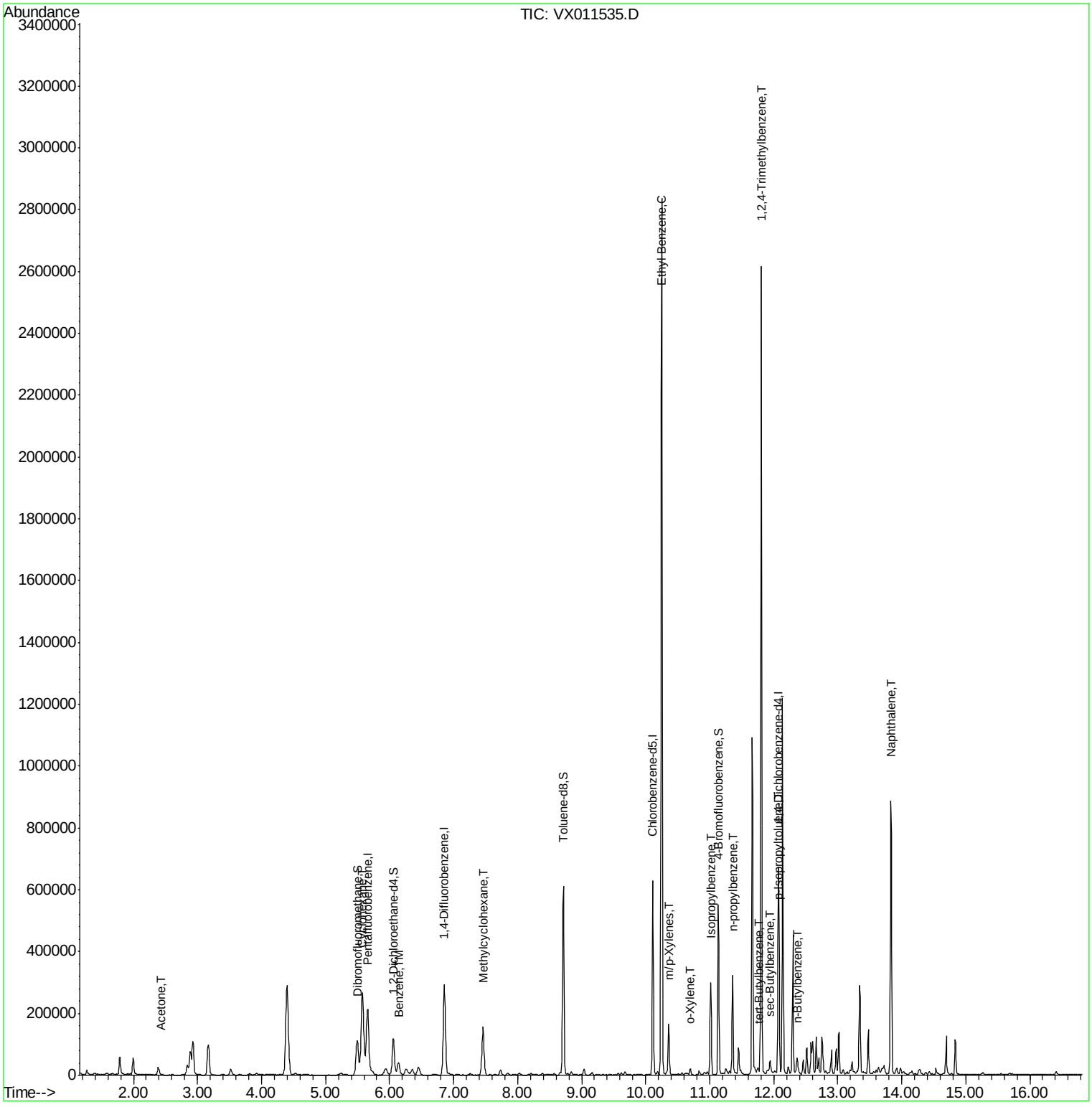
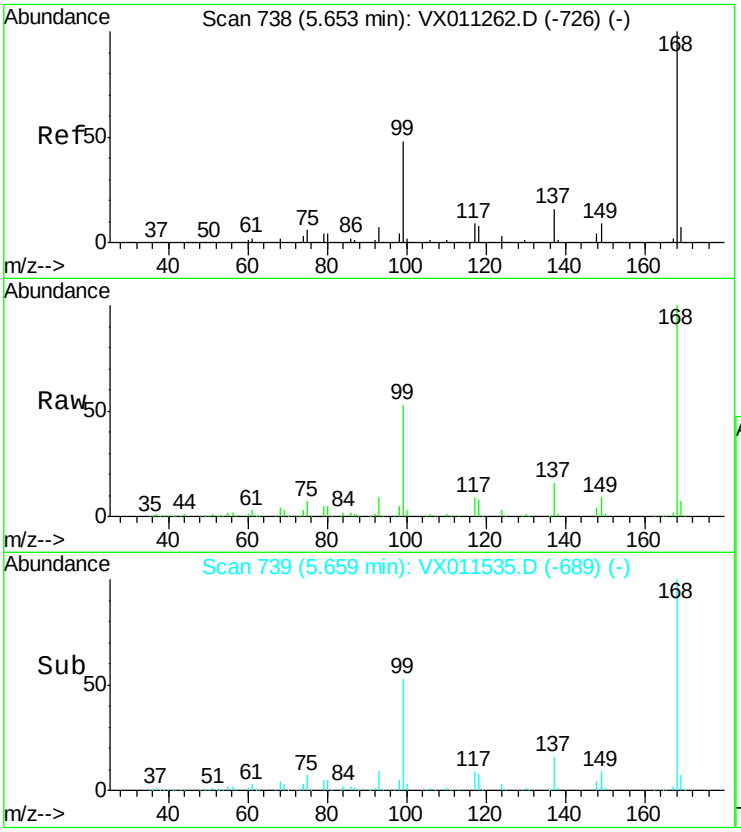
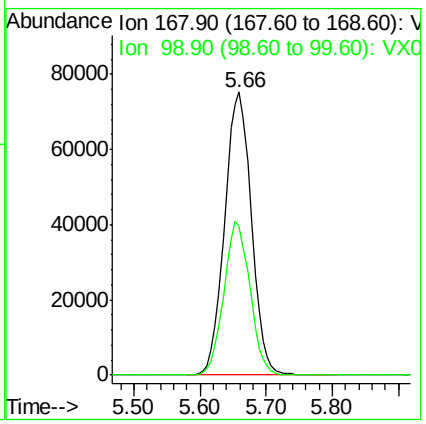




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.01 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

Tgt Ion:168 Resp: 210874

Ion	Ratio	Lower	Upper
168	100		
99	52.8	38.5	57.7



Instrument :
MSVOA_X
ClientSampleId :
Z3-0668

Manual Integrations APPROVED
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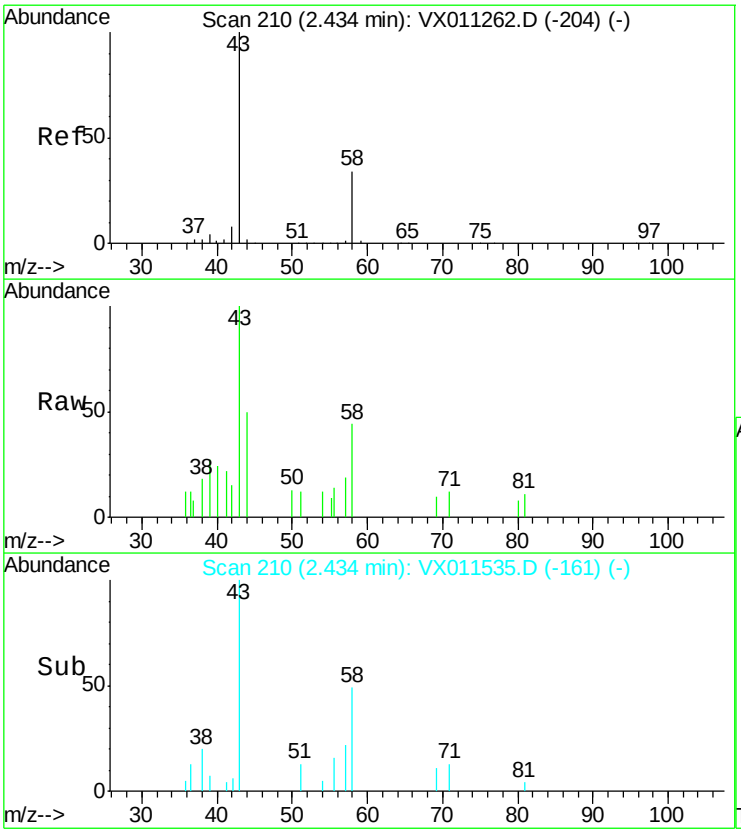
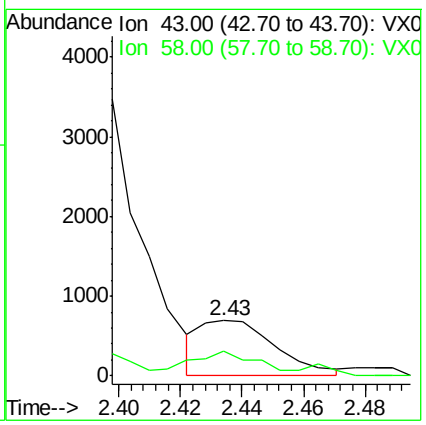
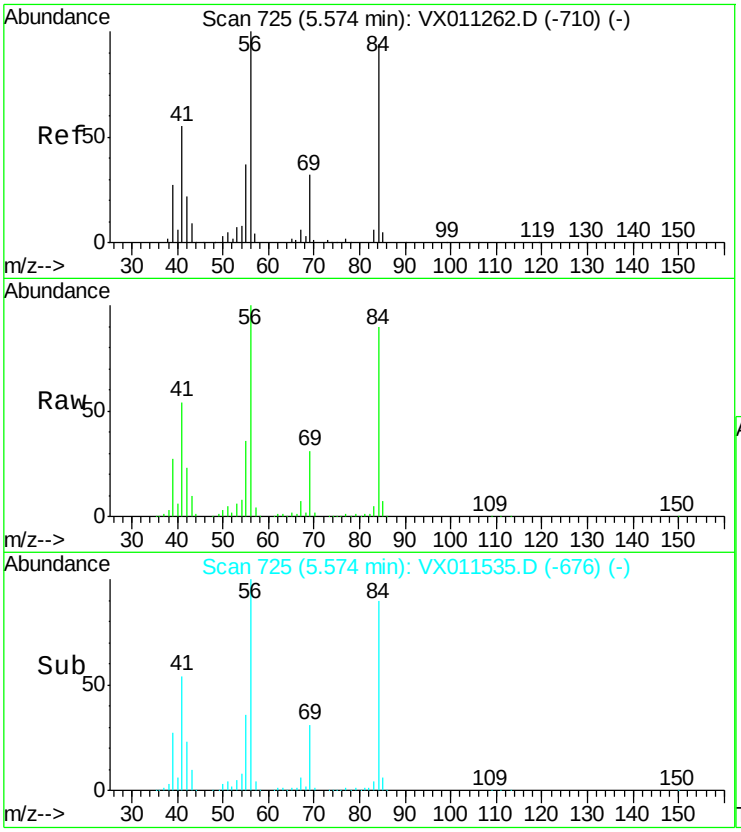


#16
Acetone
Concen: 1.166 ug/l m
RT: 2.43 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

Tgt Ion: 43 Resp: 1179

Ion	Ratio	Lower	Upper
43	100		
58	44.3	27.4	41.0#

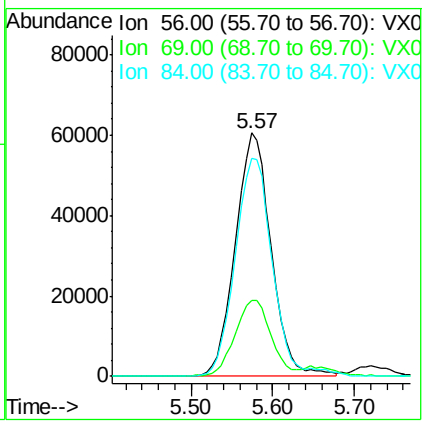




#31
Cyclohexane
Concen: 67.601 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

Tgt Ion: 56 Resp: 184875

Ion	Ratio	Lower	Upper
56	100		
69	30.8	25.5	38.3
84	89.7	75.0	112.4



Instrument :
MSVOA_X
ClientSampleId :
Z3-0668

Manual Integrations APPROVED
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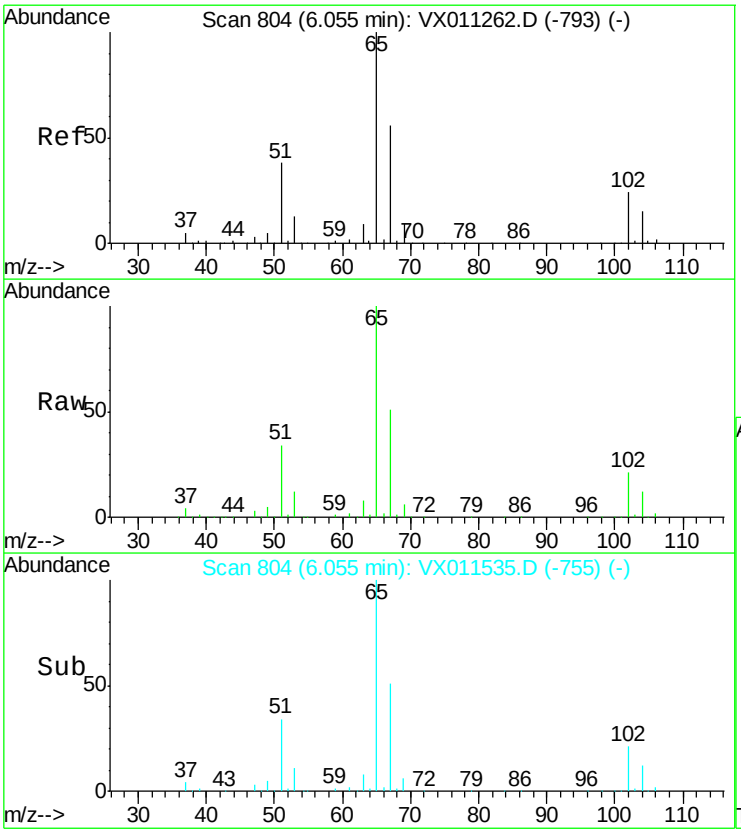
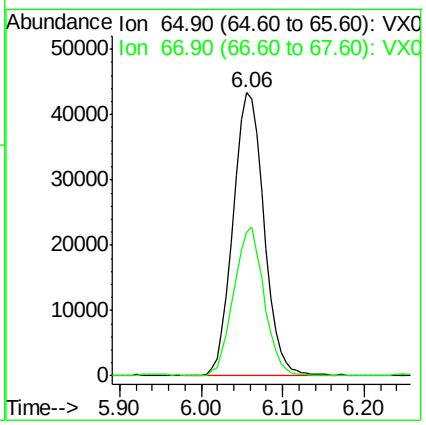
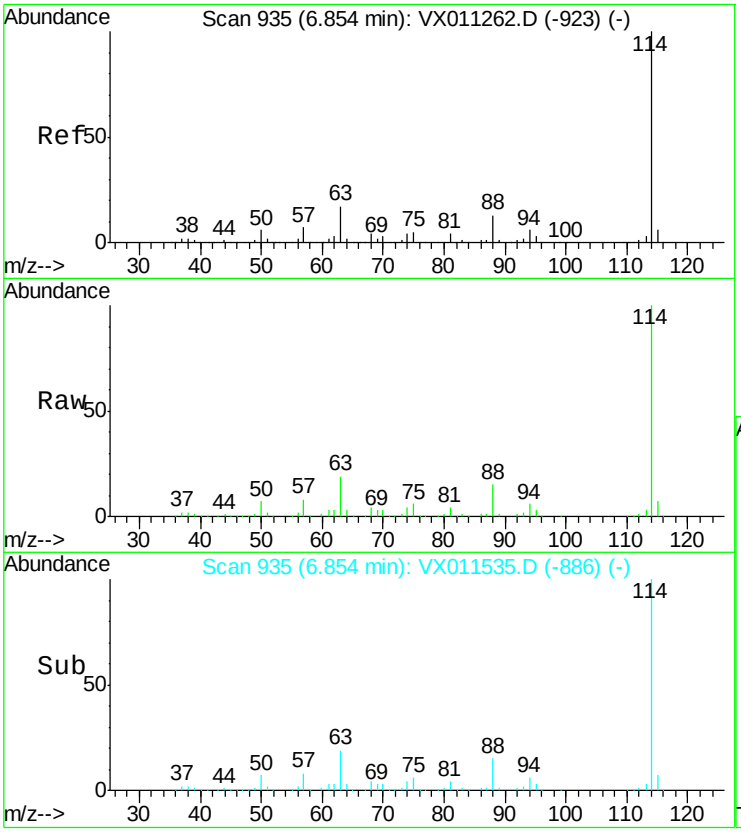


#33
1,2-Dichloroethane-d4
Concen: 53.744 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

Tgt Ion: 65 Resp: 114131

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	110.6

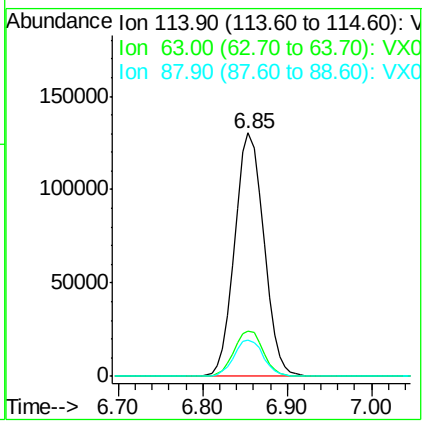




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

Tgt Ion:114 Resp: 304434

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	34.0
88	14.8	0.0	26.4



Instrument :
MSVOA_X
ClientSampleId :
Z3-0668

Manual Integrations APPROVED
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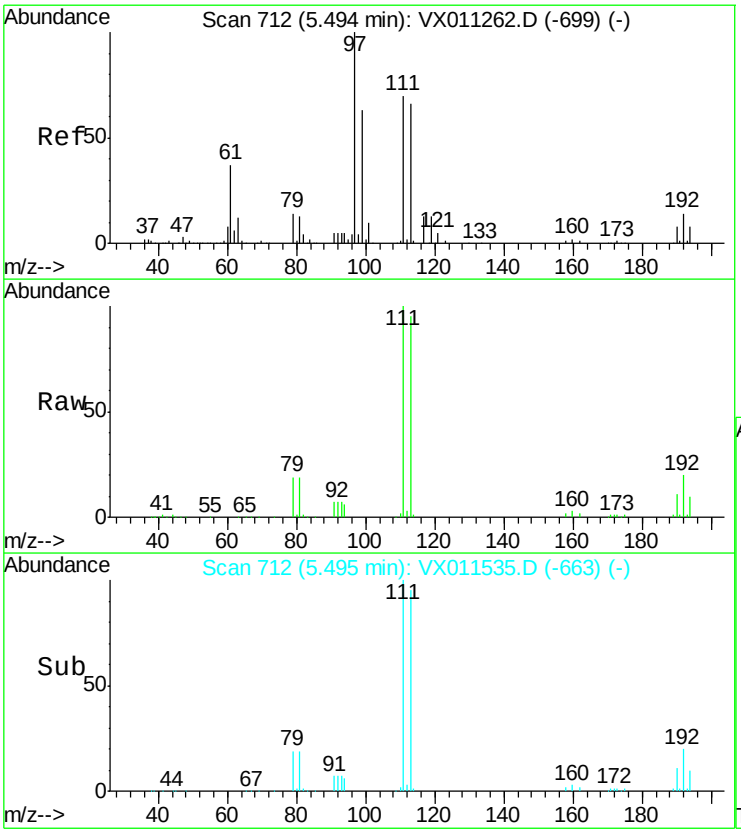
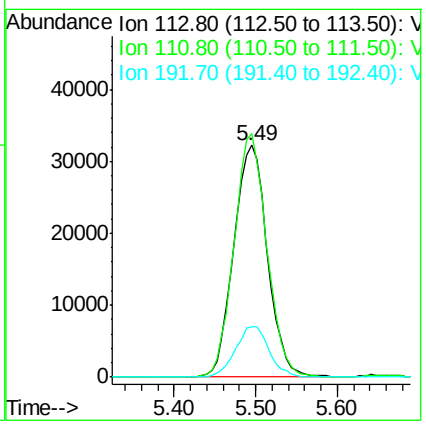
8/14/2019 11:31:50 AM

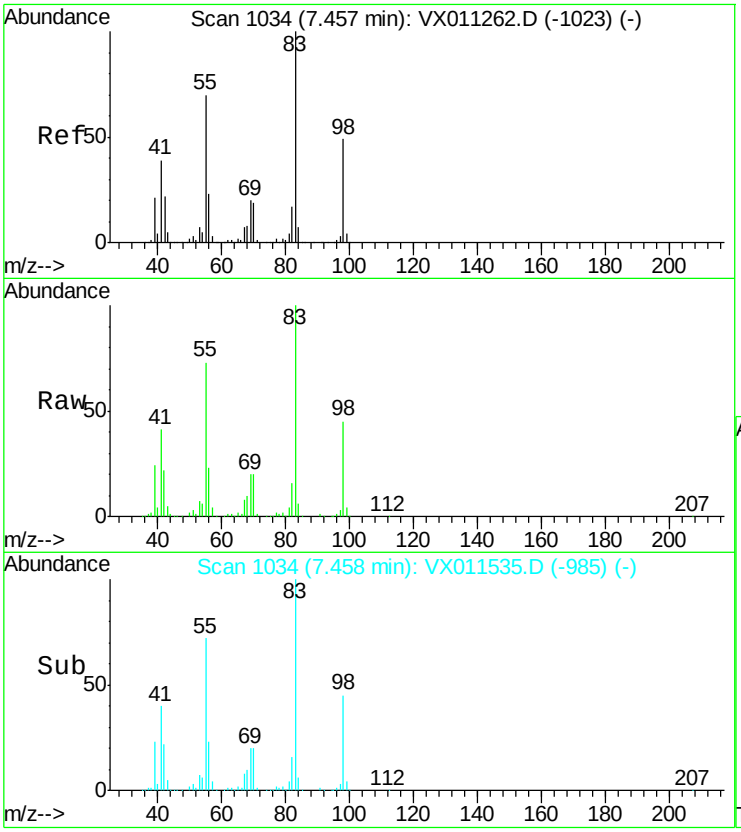


#35
Dibromofluoromethane
Concen: 46.368 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

Tgt Ion:113 Resp: 92160

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.9	122.9
192	21.9	17.8	26.8

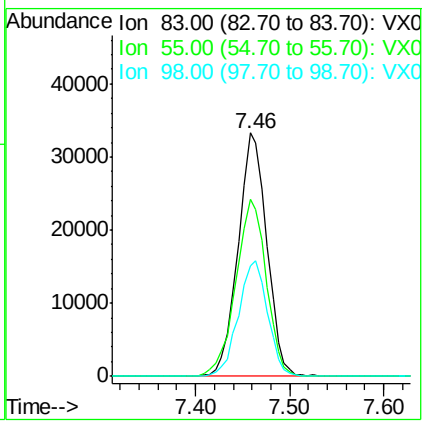




#39
Methylcyclohexane
Concen: 22.388 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

Tgt Ion: 83 Resp: 70536

Ion	Ratio	Lower	Upper
83	100		
55	72.7	56.1	84.1
98	45.2	39.0	58.4



Instrument :
MSVOA_X
ClientSampleId :
Z3-0668

Manual Integrations APPROVED
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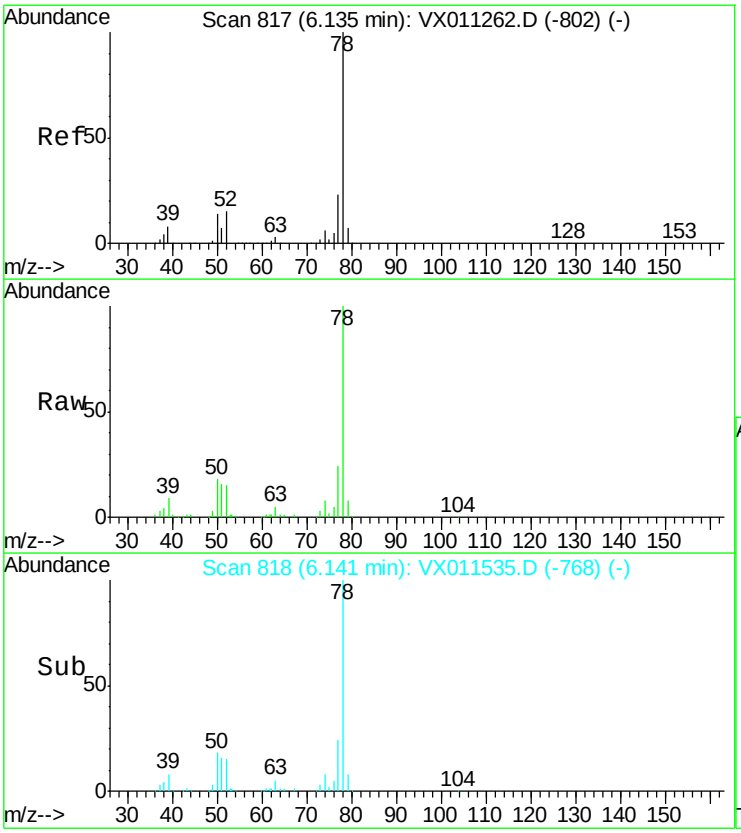
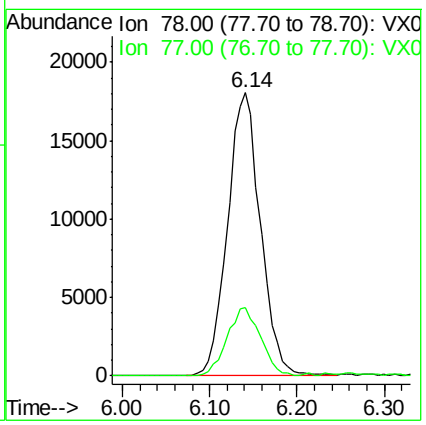
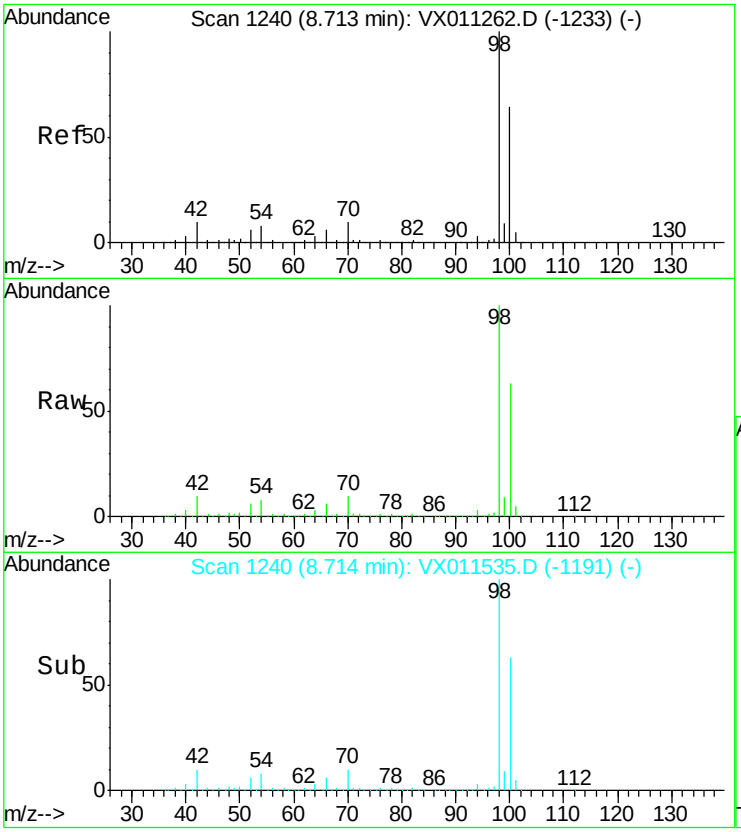


#40
Benzene
Concen: 5.956 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.01 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

Tgt Ion: 78 Resp: 47237

Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.2	27.2

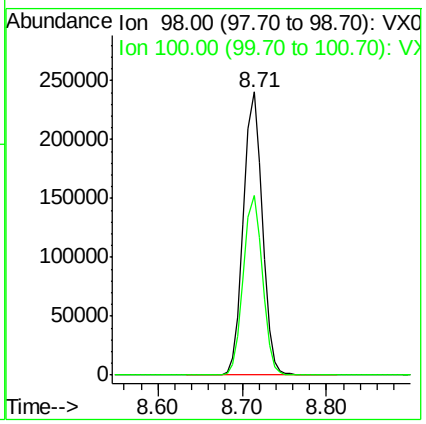




#50
Toluene-d8
Concen: 47.983 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

Tgt Ion: 98 Resp: 359996

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.7	77.5



Instrument :
MSVOA_X
ClientSampleId :
Z3-0668

Manual Integrations APPROVED
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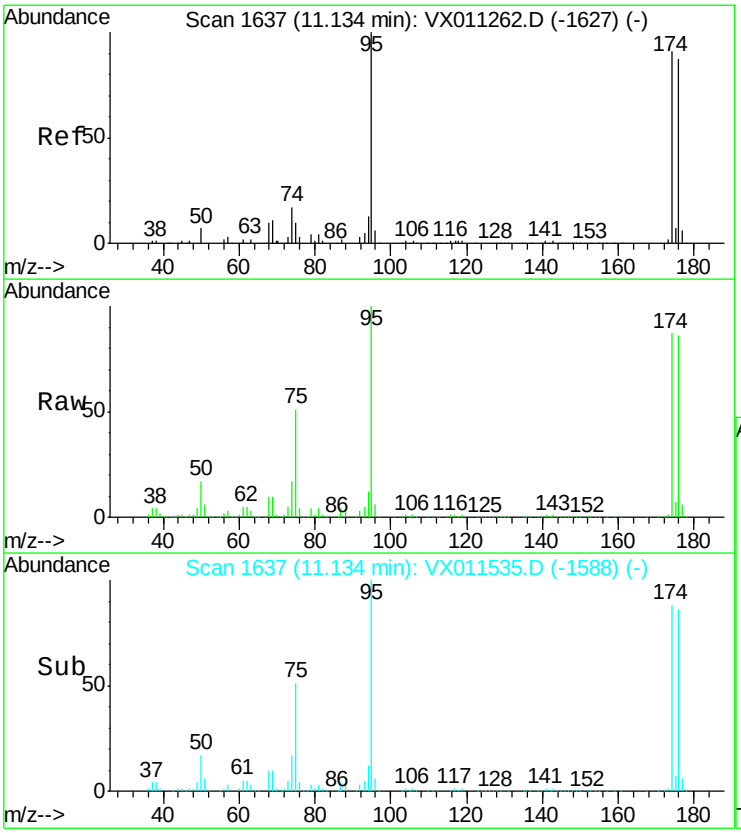
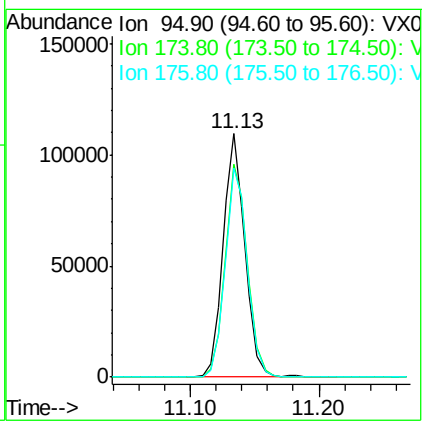
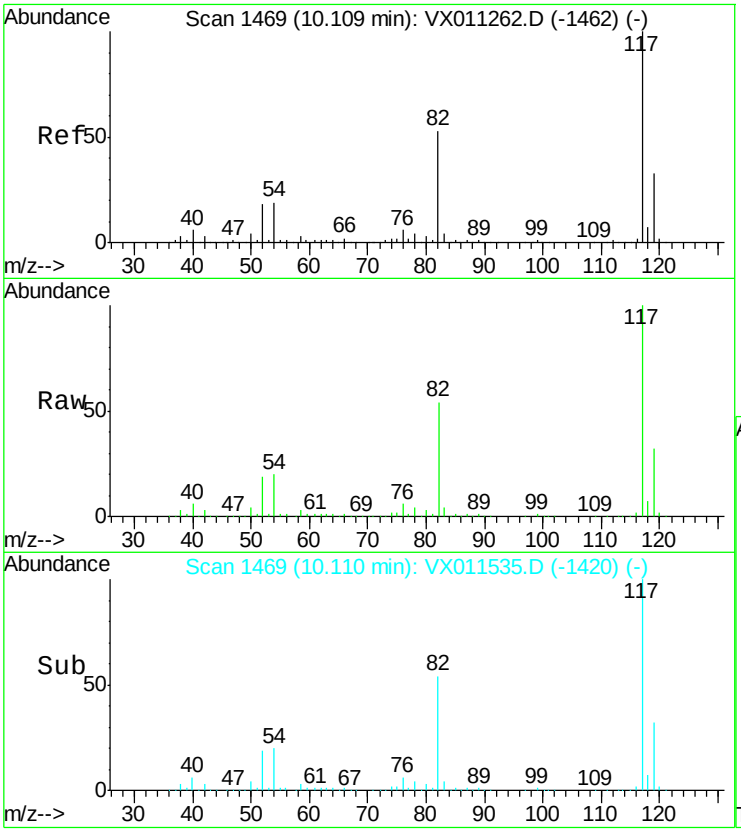


#62
4-Bromofluorobenzene
Concen: 48.695 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

Tgt Ion: 95 Resp: 130434

Ion	Ratio	Lower	Upper
95	100		
174	89.2	0.0	191.2
176	87.2	0.0	184.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

Tgt Ion:117 Resp: 278588

Ion	Ratio	Lower	Upper
117	100		
82	53.8	42.2	63.2
119	31.9	26.6	39.8

Instrument :
MSVOA_X
ClientSampleId :
Z3-0668

Manual Integrations APPROVED
MMDadoda
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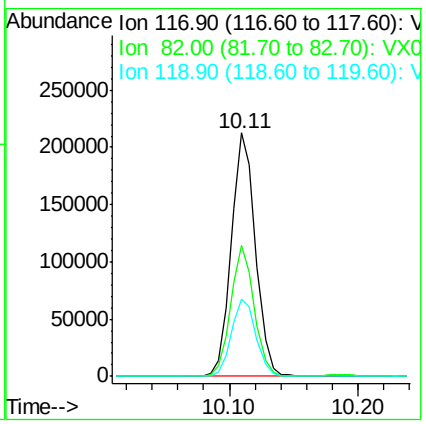
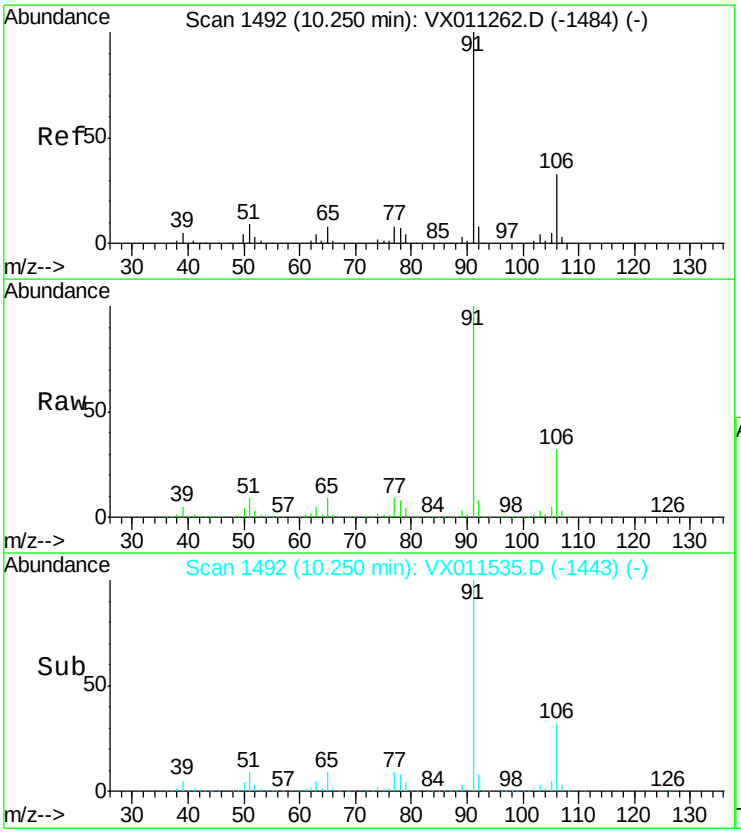
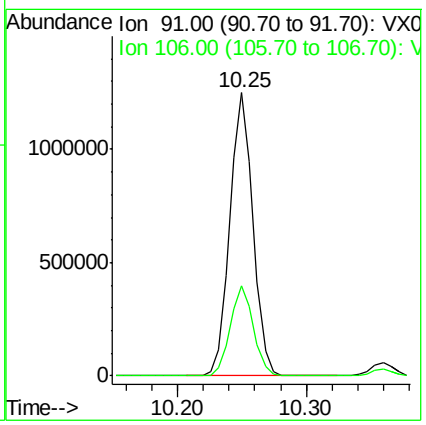


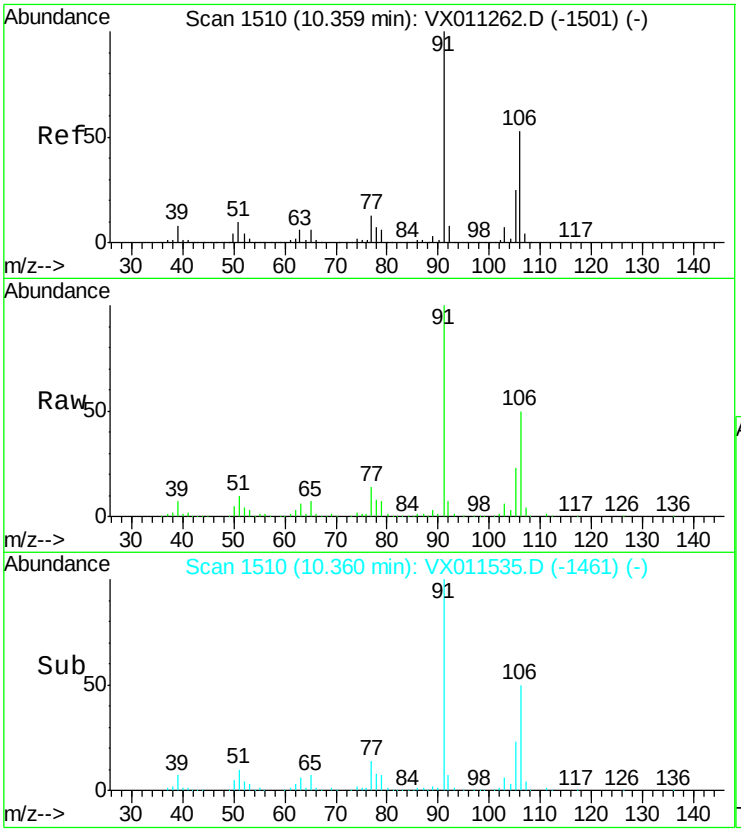


#67
Ethyl Benzene
Concen: 157.115 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

Tgt Ion: 91 Resp: 1571738

Ion	Ratio	Lower	Upper
91	100		
106	31.9	26.2	39.4





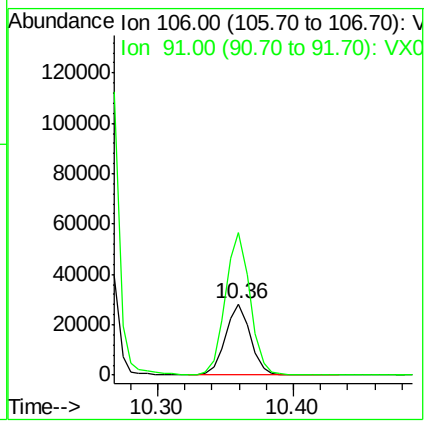
#68
m/p-Xylenes
Concen: 9.289 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

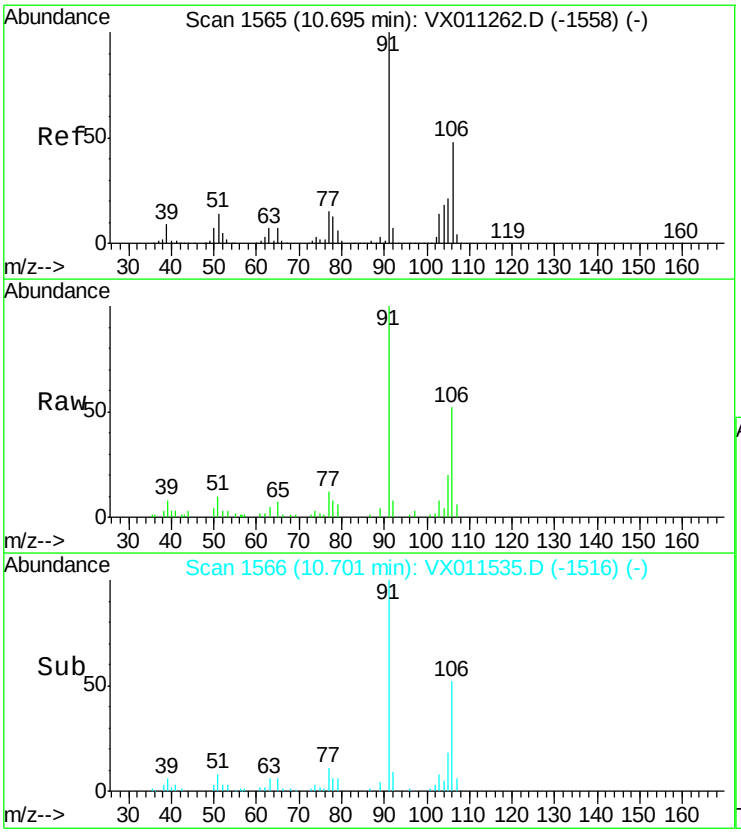
Tgt Ion:106 Resp: 35943

Ion	Ratio	Lower	Upper
106	100		
91	199.3	155.9	233.9

Instrument :
MSVOA_X
ClientSampleId :
Z3-0668

Manual Integrations APPROVED
MMDadoda
8/14/2019 11:31:50 AM

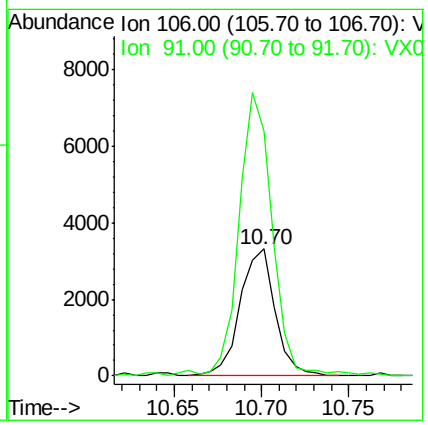


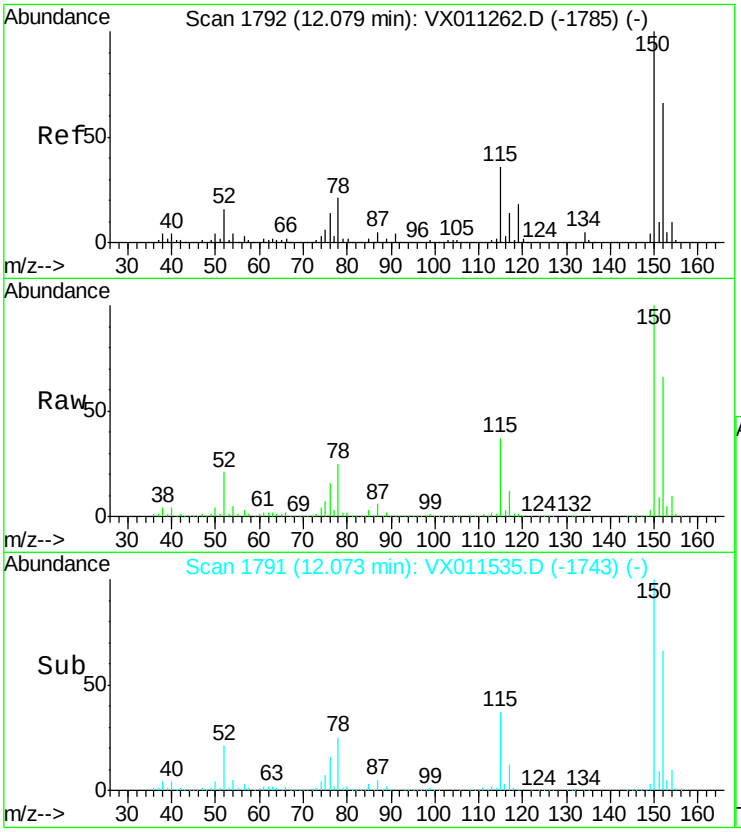


#69
o-Xylene
Concen: 1.222 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

Tgt Ion:106 Resp: 4644

Ion	Ratio	Lower	Upper
106	100		
91	212.9	103.8	311.3

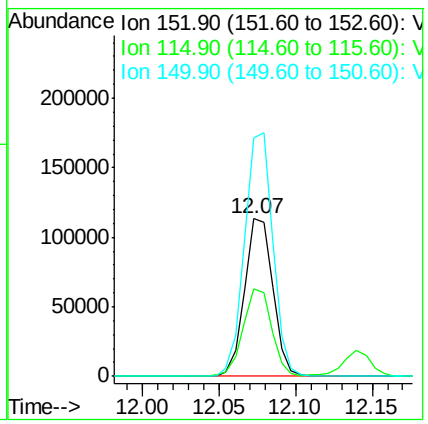




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

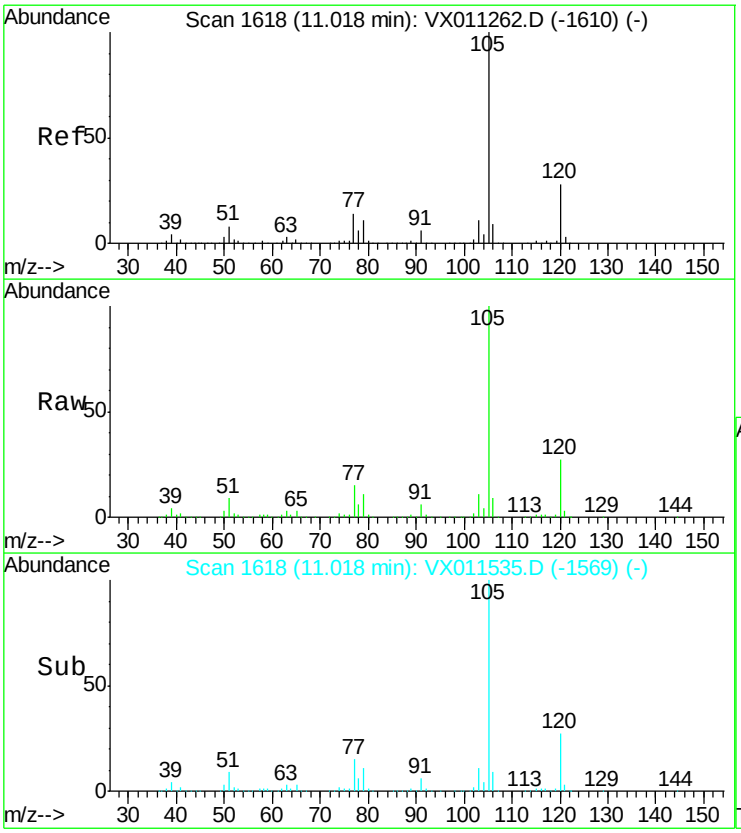
Tgt Ion:152 Resp: 145391

Ion	Ratio	Lower	Upper
152	100		
115	55.9	40.0	119.9
150	154.7	0.0	350.4



Instrument :
MSVOA_X
ClientSampleId :
Z3-0668

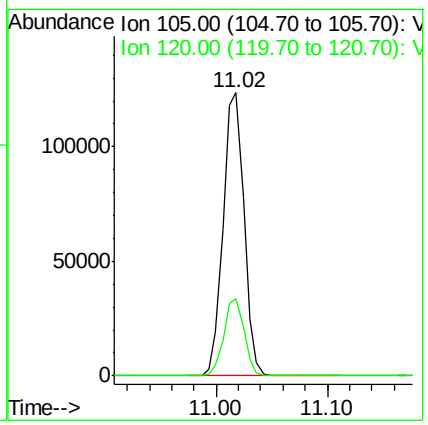
Manual Integrations APPROVED
MMDadoda
8/14/2019 11:31:50 AM

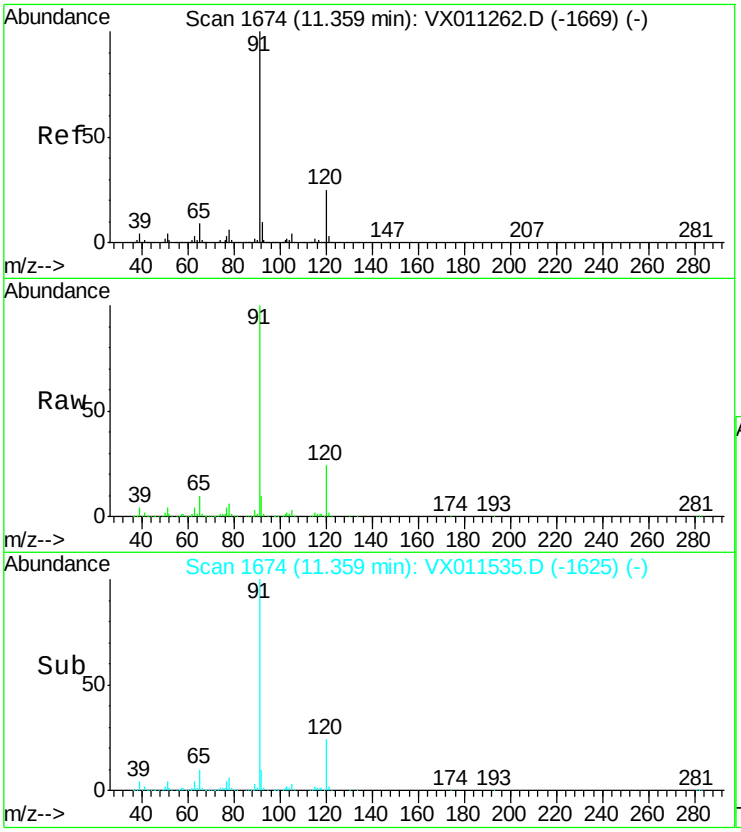


#73
Isopropylbenzene
Concen: 16.150 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

Tgt Ion:105 Resp: 160592

Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.7	41.1





#78
n-propylbenzene
Concen: 17.966 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

Tgt Ion: 91 Resp: 198668

Ion	Ratio	Lower	Upper
91	100		
120	24.1	12.4	37.0

Instrument :
MSVOA_X
ClientSampleId :
Z3-0668

Manual Integrations APPROVED
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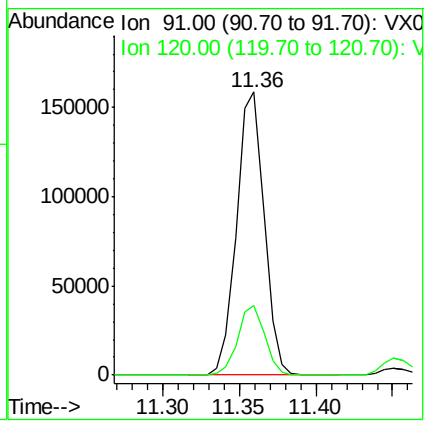
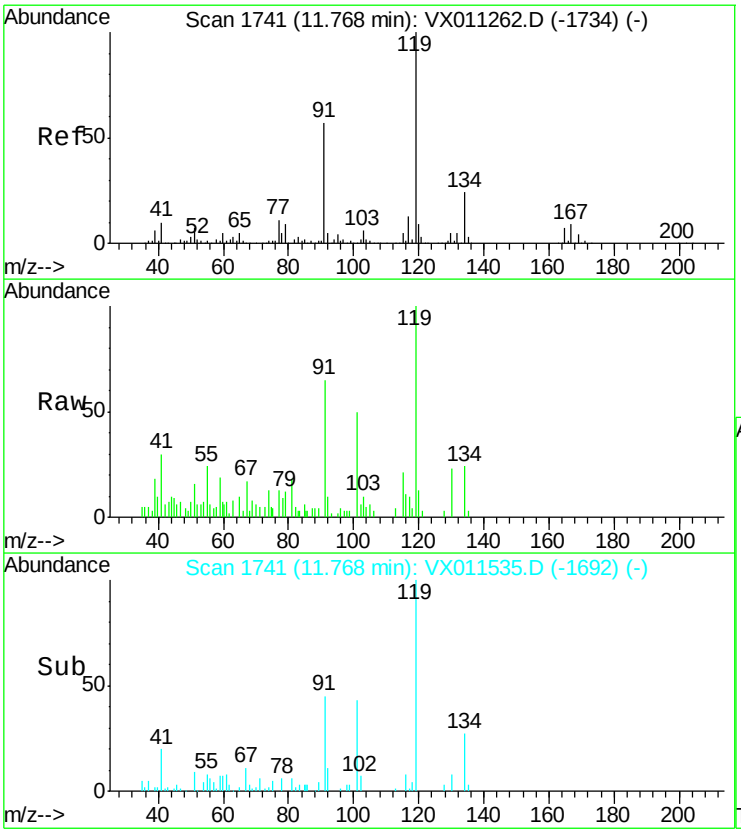
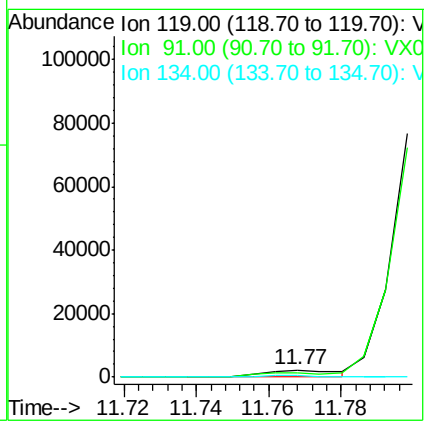


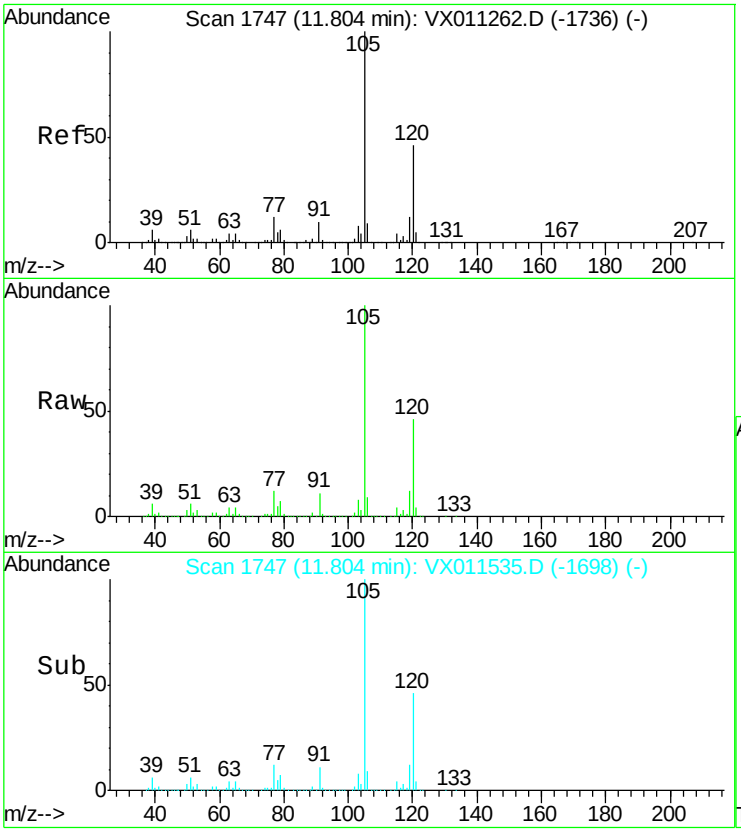


#83
tert-Butylbenzene
Concen: 0.396 ug/l m
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

Tgt Ion:119 Resp: 3234

Ion	Ratio	Lower	Upper
119	100		
91	3686.6	28.0	84.0#
134	0.0	11.9	35.5#

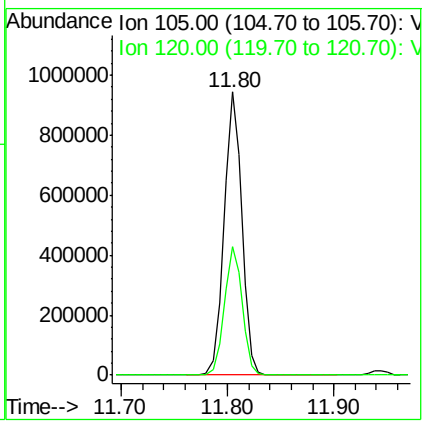




#84
1,2,4-Trimethylbenzene
Concen: 132.698 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

Tgt Ion:105 Resp: 1099739

Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.0	69.0



Instrument :
MSVOA_X
ClientSampleId :
Z3-0668

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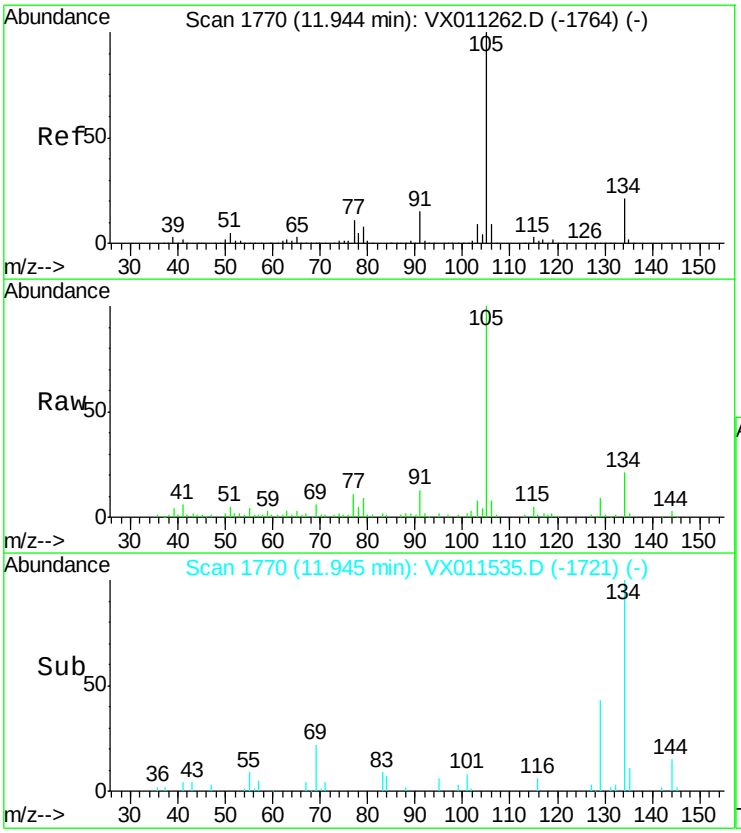
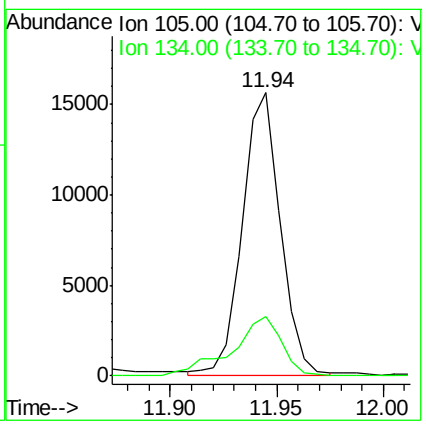
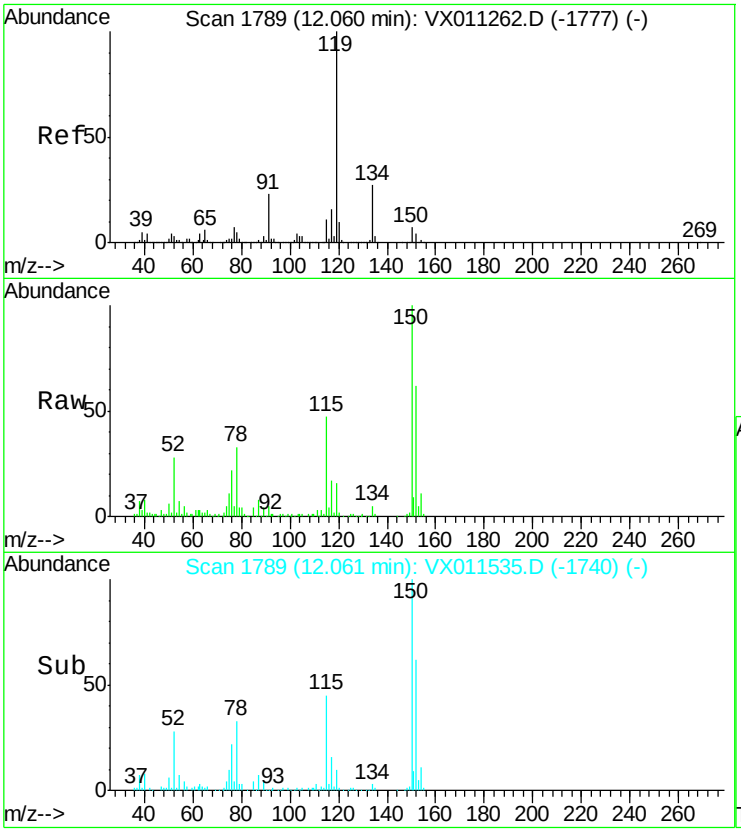


#85
sec-Butylbenzene
Concen: 1.984 ug/l m
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

Tgt Ion:105 Resp: 19458

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.4	31.4#

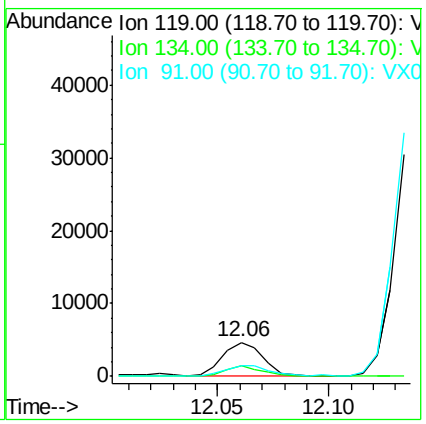




#86
p-Isopropyltoluene
Concen: 0.657 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

Tgt Ion:119 Resp: 5932

Ion	Ratio	Lower	Upper
119	100		
134	29.5	13.7	41.0
91	0.0	11.4	34.2#



Instrument :
MSVOA_X
ClientSampleId :
Z3-0668

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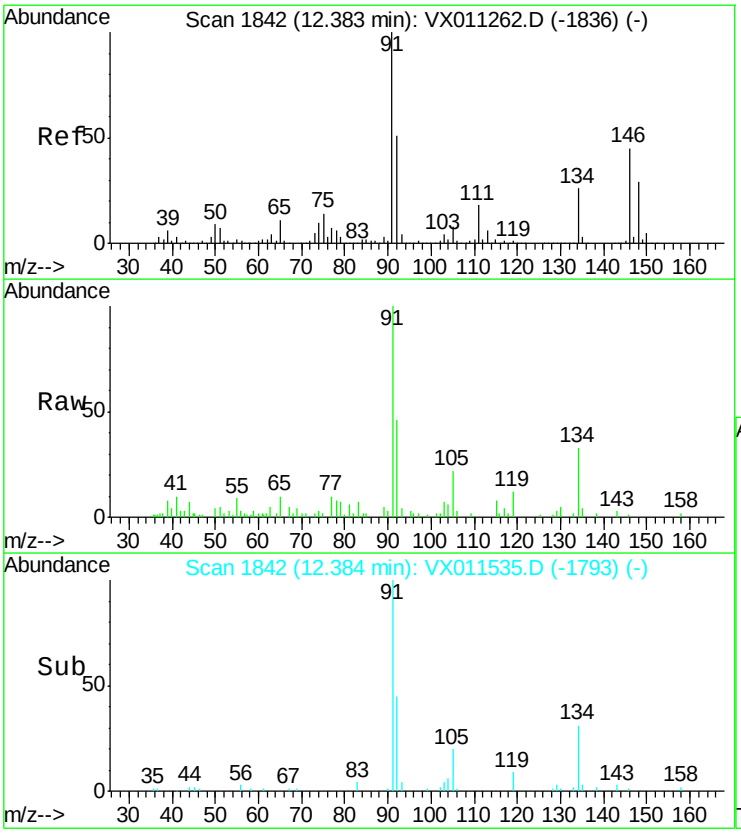
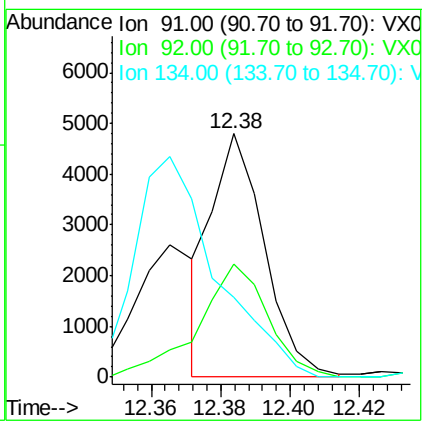
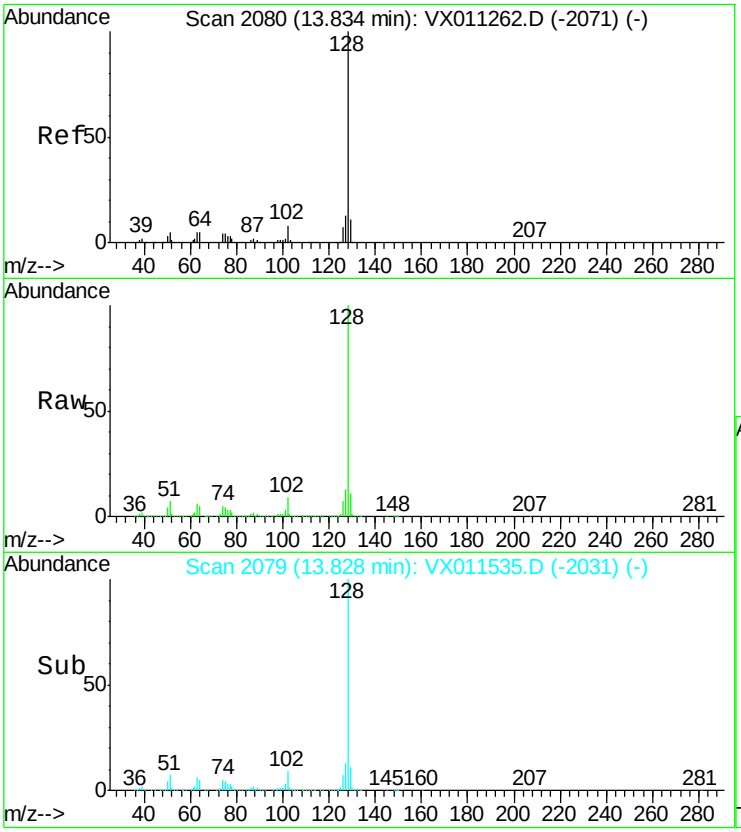


#89
n-Butylbenzene
Concen: 0.655 ug/l m
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

Tgt Ion: 91 Resp: 5095

Ion	Ratio	Lower	Upper
91	100		
92	61.0	25.8	77.3
134	141.0	13.7	41.0#

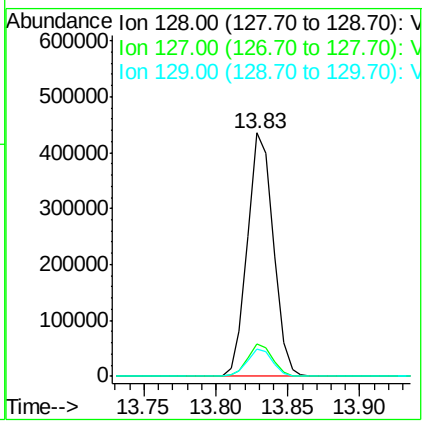




#95
Naphthalene
Concen: 56.787 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

Tgt Ion:128 Resp: 539119

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.1	8.9	13.3



Instrument :
MSVOA_X
ClientSampleId :
Z3-0668

Manual Integrations APPROVED
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