Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091318\
Data File : VX004528.D
Acq On : 13 Sep 2018 20:35
Operator : JC/MD
Sample : J4892-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PR-MW-02-091218

Manual Integrations APPROVED
MMDadoda
9/15/2018 11:23:59 AM

Quant Time: Sep 15 11:31:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	265326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	364271	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	352138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200730	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	179104	52.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.70%			
35) Dibromofluoromethane	5.50	113	160881	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.52%			
50) Toluene-d8	8.72	98	543062	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.16%			
62) 4-Bromofluorobenzene	11.14	95	200197	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.34%			
Target Compounds						Qvalue
31) Cyclohexane	5.57	56	19284	3.897	ug/l #	81
39) Methylcyclohexane	7.46	83	20191	4.375	ug/l #	84
40) Benzene	6.15	78	7289	0.555	ug/l #	90
52) Toluene	8.79	92	3517	0.455	ug/l	99
67) Ethyl Benzene	10.26	91	23215	1.632	ug/l	97
73) Isopropylbenzene	11.02	105	713701	53.987	ug/l	100
78) n-propylbenzene	11.36	91	324202	21.329	ug/l	98
83) tert-Butylbenzene	11.77	119	6788	0.642	ug/l	84
85) sec-Butylbenzene	11.94	105	48022	3.562	ug/l	85
86) p-Isopropyltoluene	12.07	119	3328m	0.280	ug/l	
89) n-Butylbenzene	12.39	91	25151m	2.318	ug/l	
95) Naphthalene	13.83	128	17996	1.313	ug/l #	89

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091318\
Data File : VX004528.D
Acq On : 13 Sep 2018 20:35
Operator : JC/MD
Sample : J4892-09
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 15 11:31:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-02-091218

Manual Integrations APPROVED
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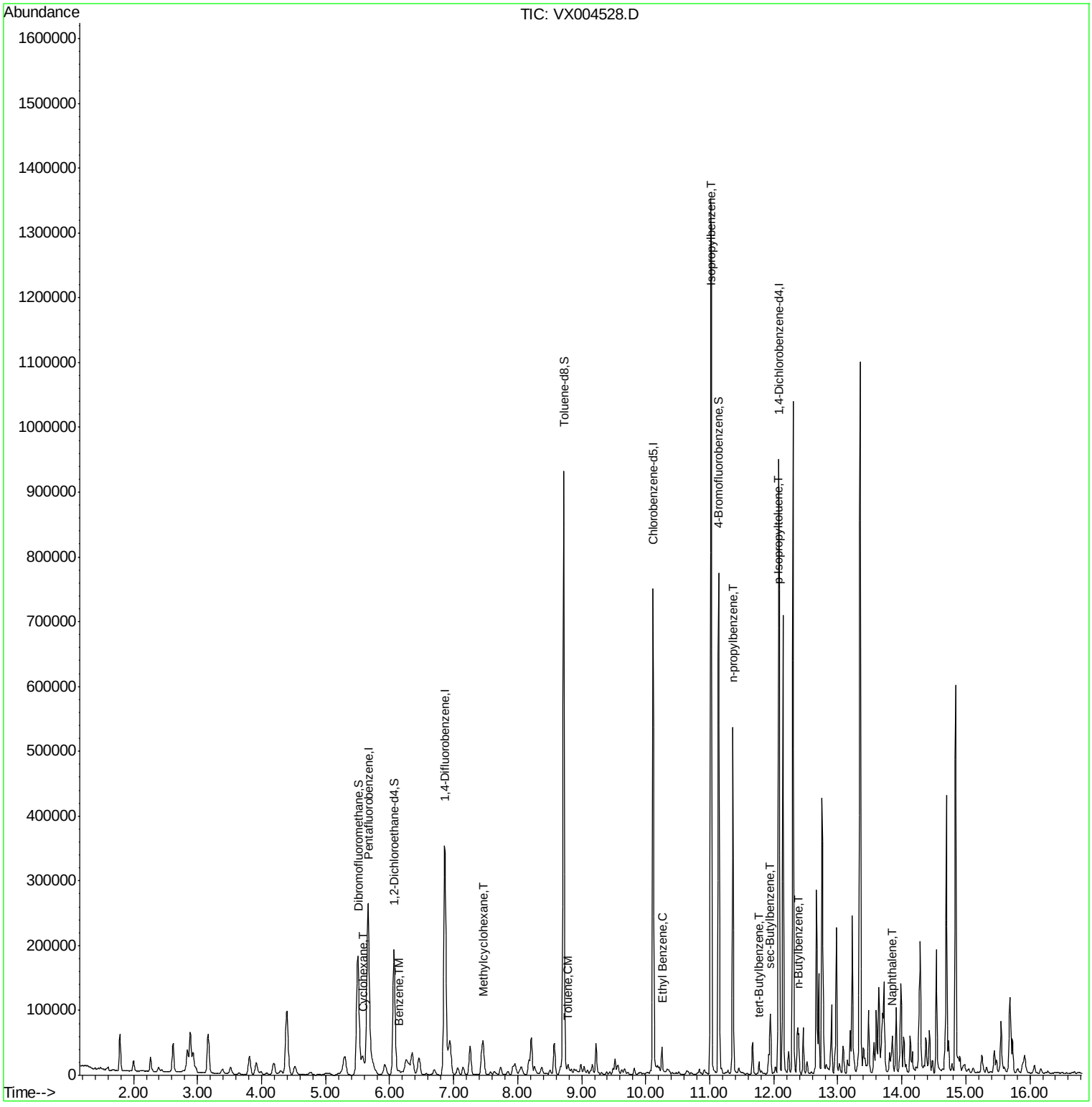
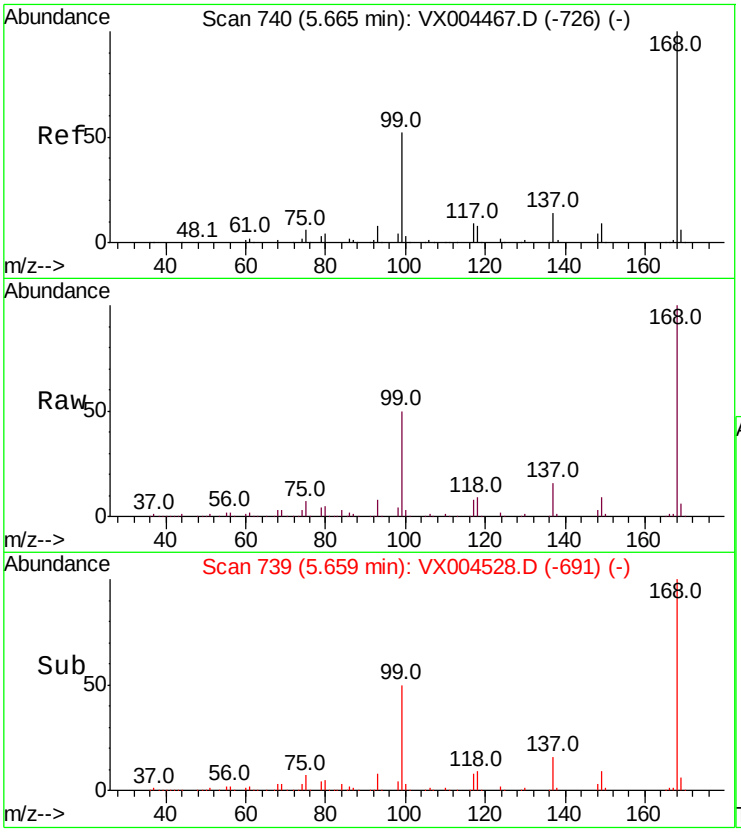
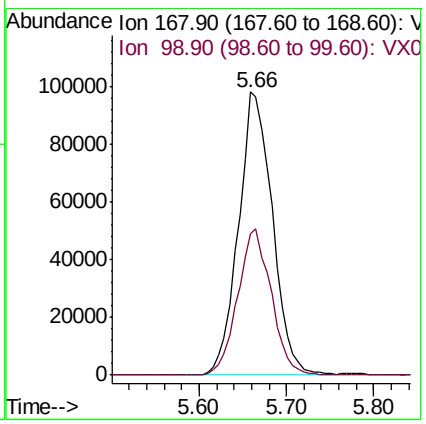




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX004528.D
Acq: 13 Sep 2018 20:35

Tgt Ion:168 Resp: 265326

Ion	Ratio	Lower	Upper
168	100		
99	50.1	39.9	59.9



Instrument :
MSVOA_X
ClientSampleId :
PR-MW-02-091218

Manual Integrations APPROVED
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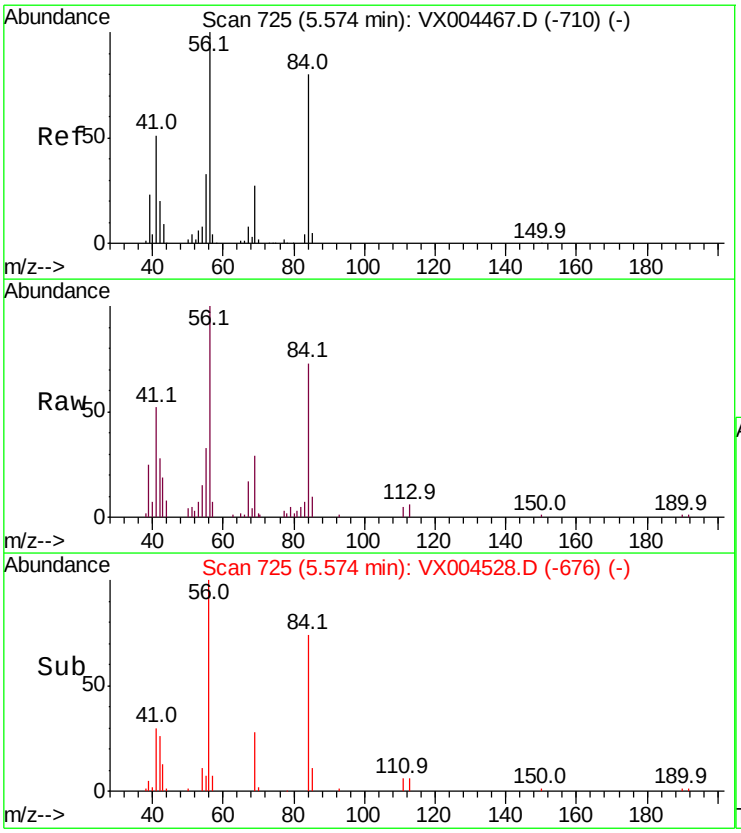
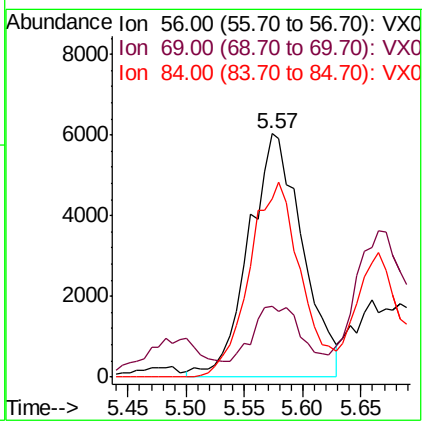
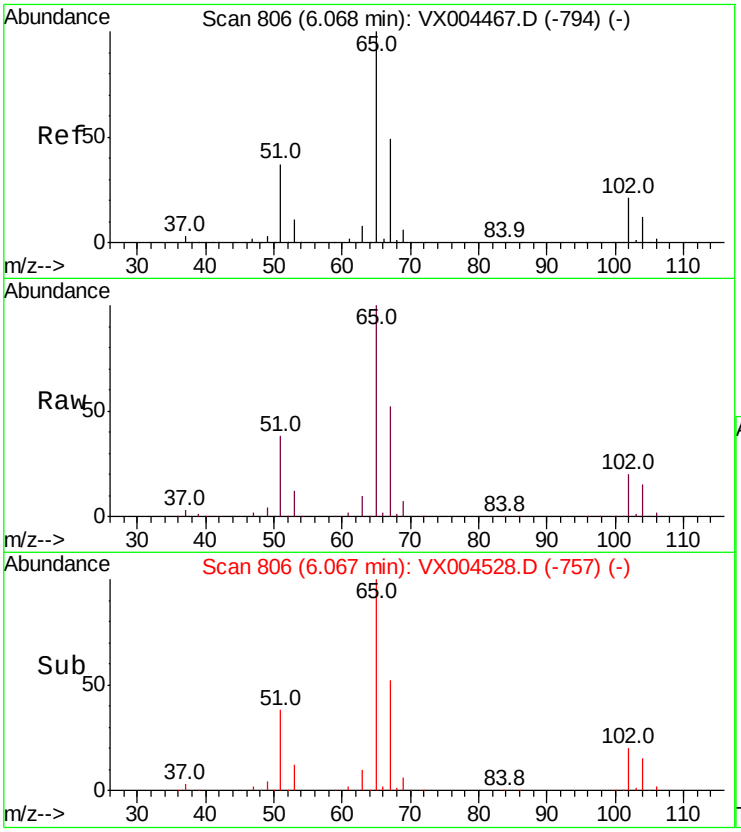


#31
Cyclohexane
Concen: 3.897 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX004528.D
Acq: 13 Sep 2018 20:35

Tgt Ion: 56 Resp: 19284

Ion	Ratio	Lower	Upper
56	100		
69	16.5	25.4	38.2#
84	74.9	71.4	107.2

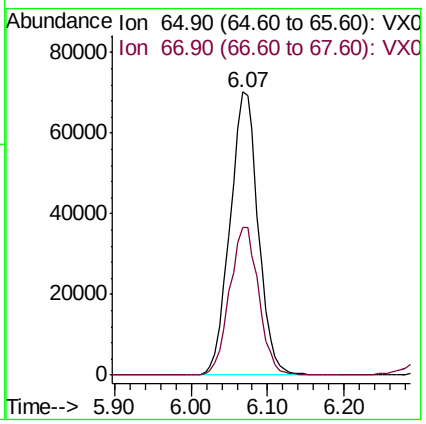




#33
1,2-Dichloroethane-d4
Concen: 52.352 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004528.D
Acq: 13 Sep 2018 20:35

Tgt Ion: 65 Resp: 179104

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	106.8



Instrument :
MSVOA_X
ClientSampleId :
PR-MW-02-091218

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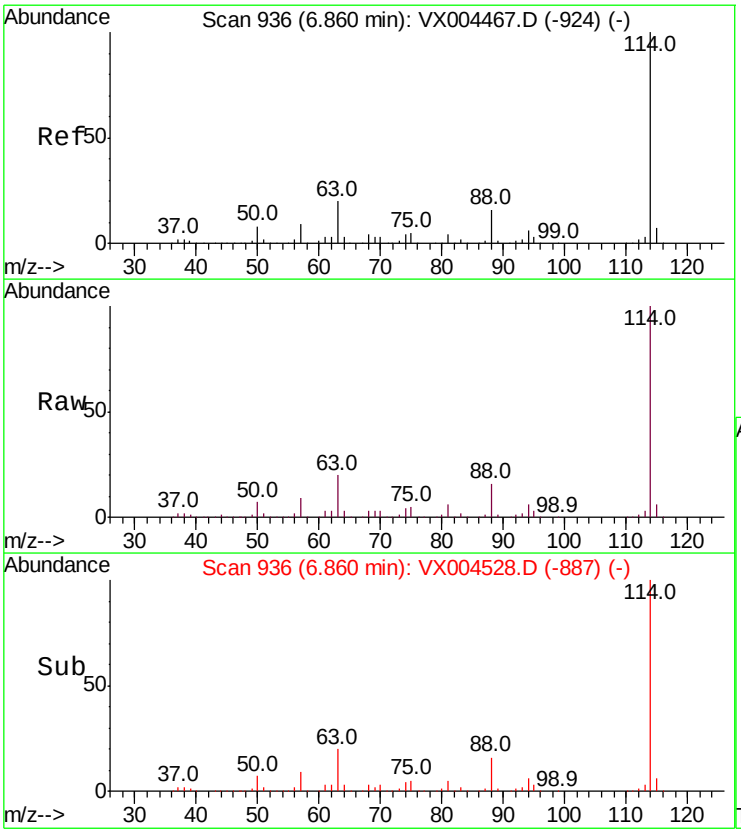
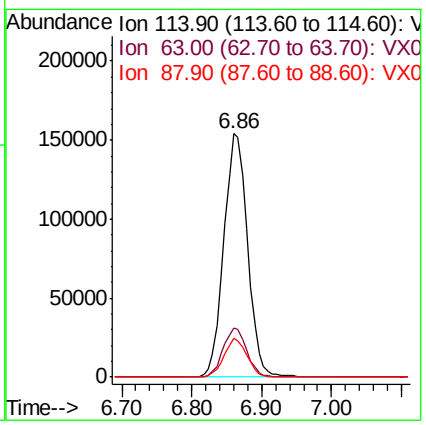
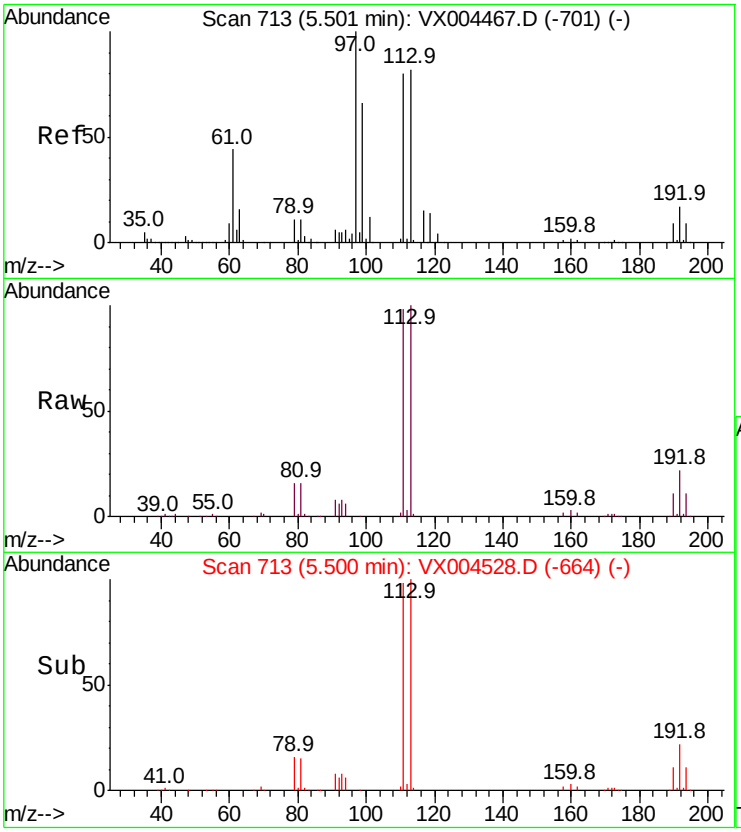


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX004528.D
Acq: 13 Sep 2018 20:35

Tgt Ion:114 Resp: 364271

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.0
88	16.0	0.0	30.4

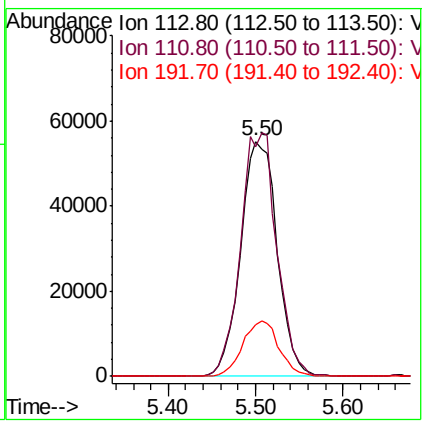




#35
Dibromofluoromethane
Concen: 48.263 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX004528.D
Acq: 13 Sep 2018 20:35

Tgt Ion:113 Resp: 160881

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.4	123.6
192	23.2	19.4	29.2



Instrument :
MSVOA_X
ClientSampleId :
PR-MW-02-091218

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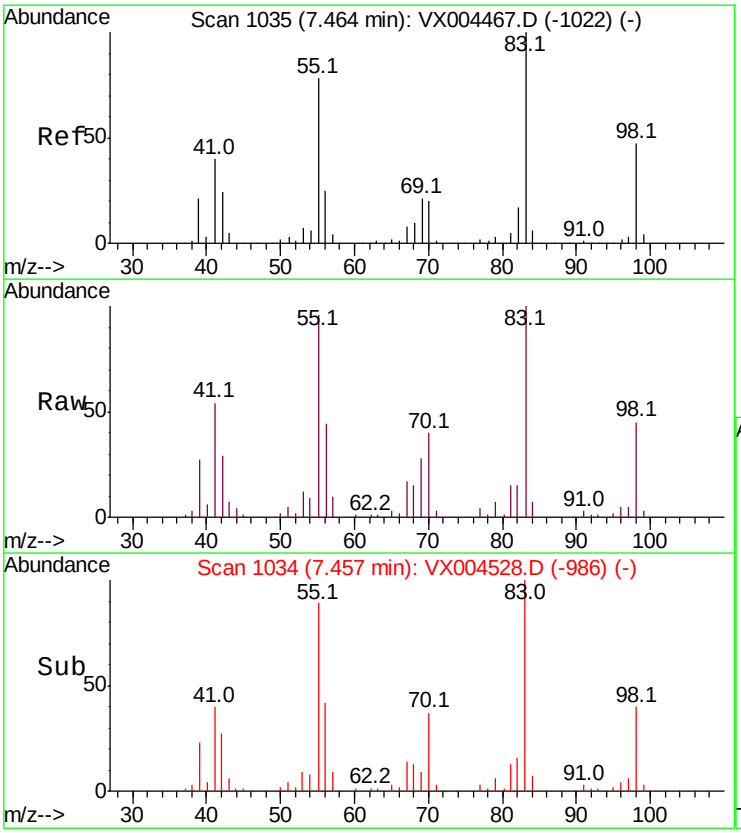
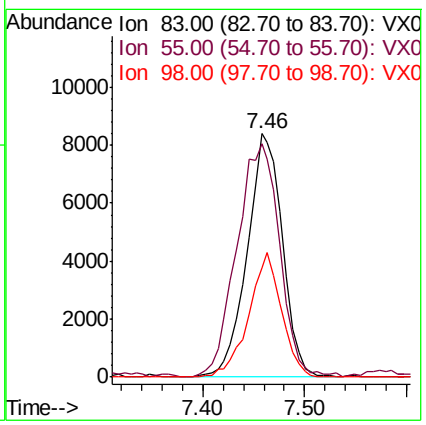
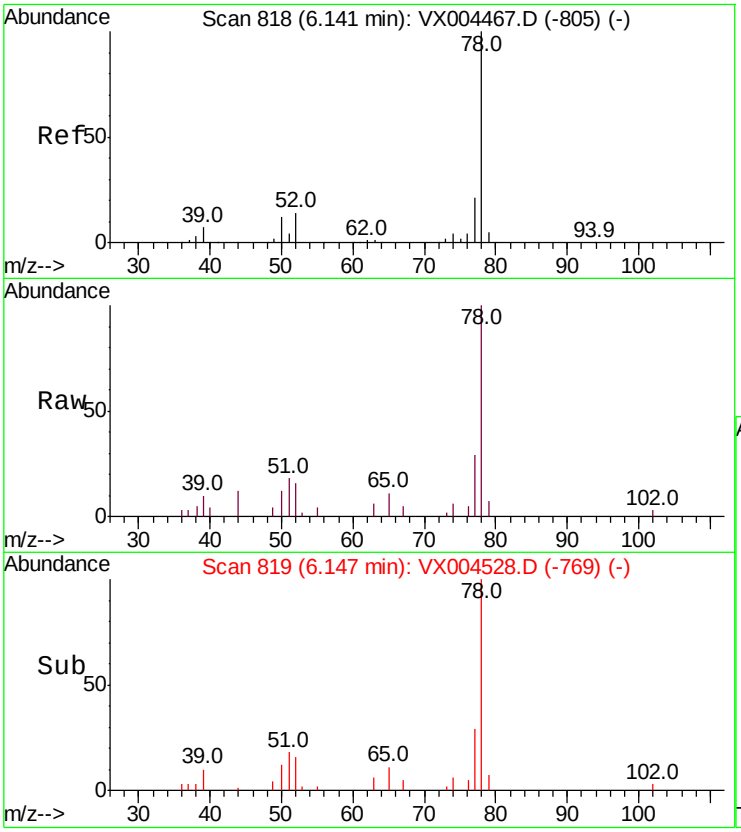


#39
Methylcyclohexane
Concen: 4.375 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004528.D
Acq: 13 Sep 2018 20:35

Tgt Ion: 83 Resp: 20191

Ion	Ratio	Lower	Upper
83	100		
55	95.8	61.0	91.4#
98	45.0	39.6	59.4





#40
Benzene
Concen: 0.555 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX004528.D
Acq: 13 Sep 2018 20:35

Tgt Ion: 78 Resp: 7289

Ion	Ratio	Lower	Upper
78	100		
77	28.8	19.0	28.4#

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-02-091218

Manual Integrations APPROVED
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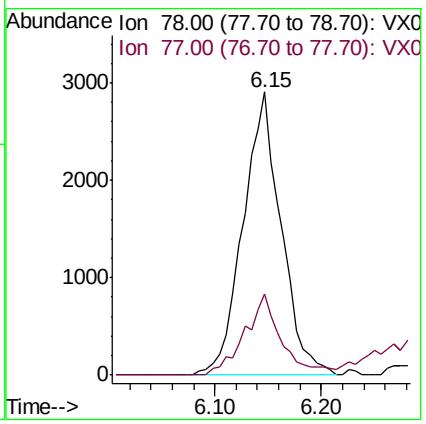
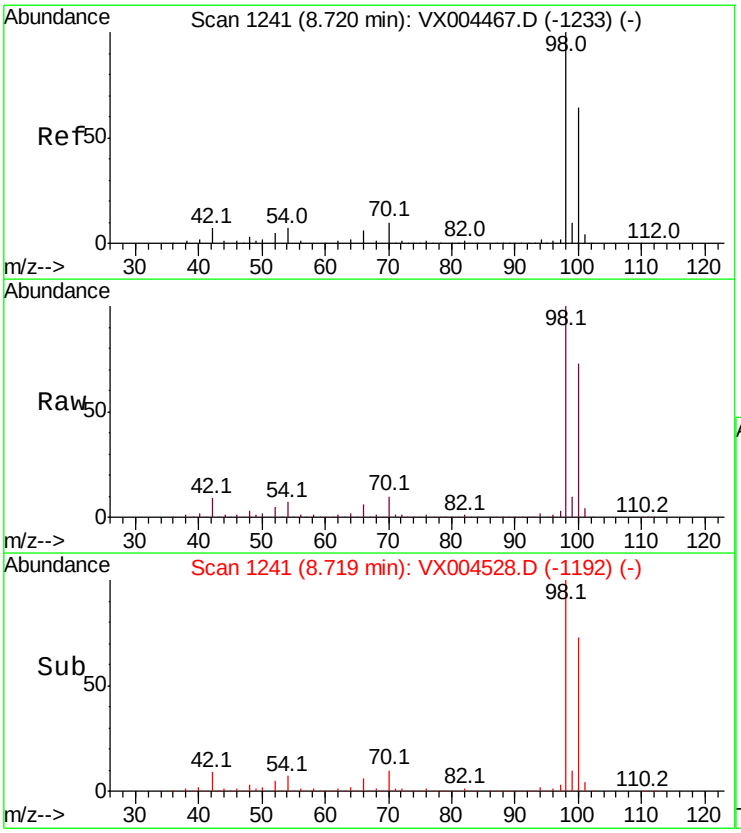
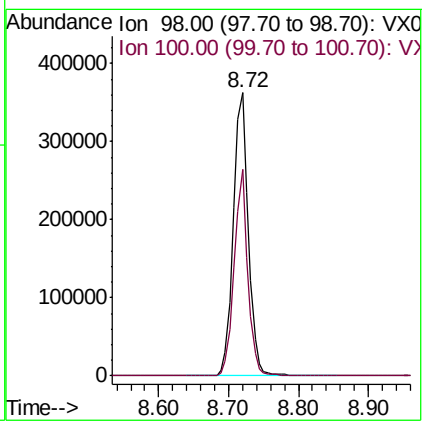


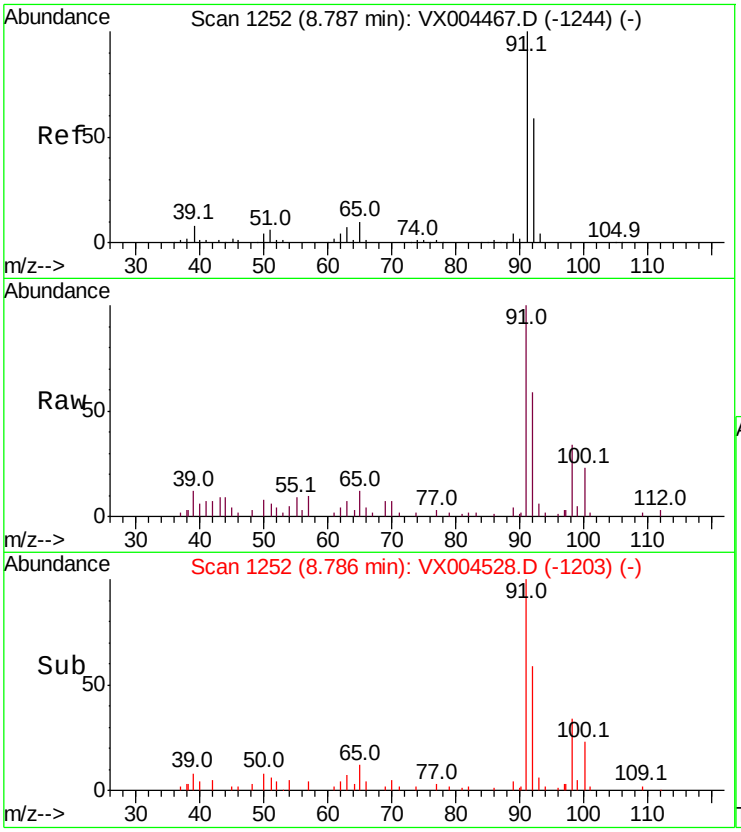


#50
Toluene-d8
Concen: 48.580 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004528.D
Acq: 13 Sep 2018 20:35

Tgt Ion: 98 Resp: 543062

Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.9	79.3

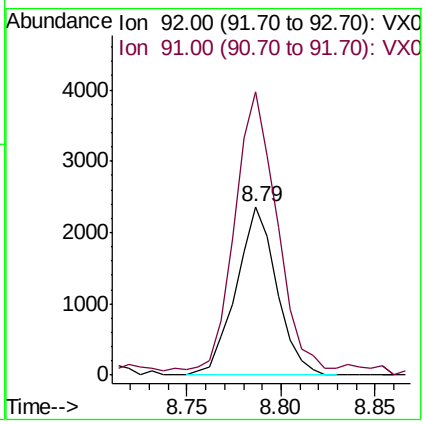




#52
Toluene
Concen: 0.455 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004528.D
Acq: 13 Sep 2018 20:35

Tgt Ion: 92 Resp: 3517

Ion	Ratio	Lower	Upper
92	100		
91	168.7	136.4	204.6



Instrument :
MSVOA_X
ClientSampleId :
PR-MW-02-091218

Manual Integrations APPROVED
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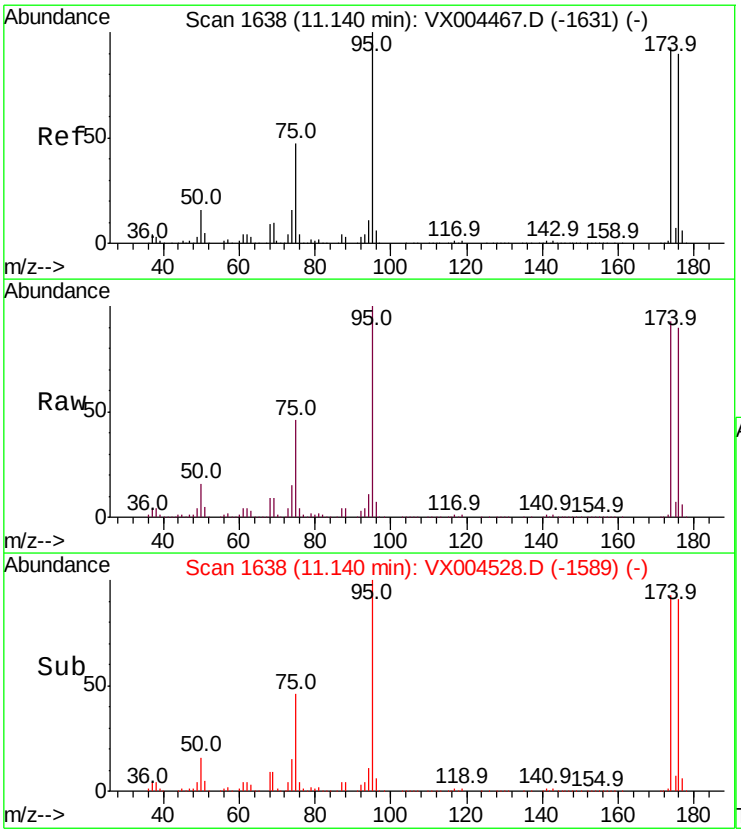
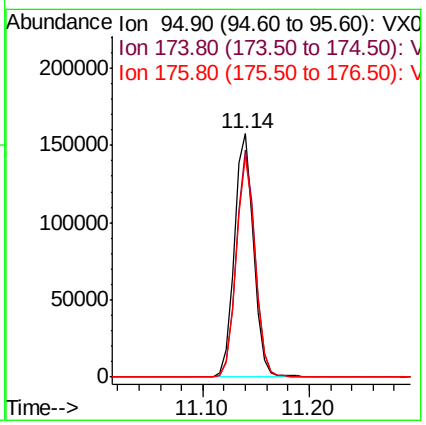
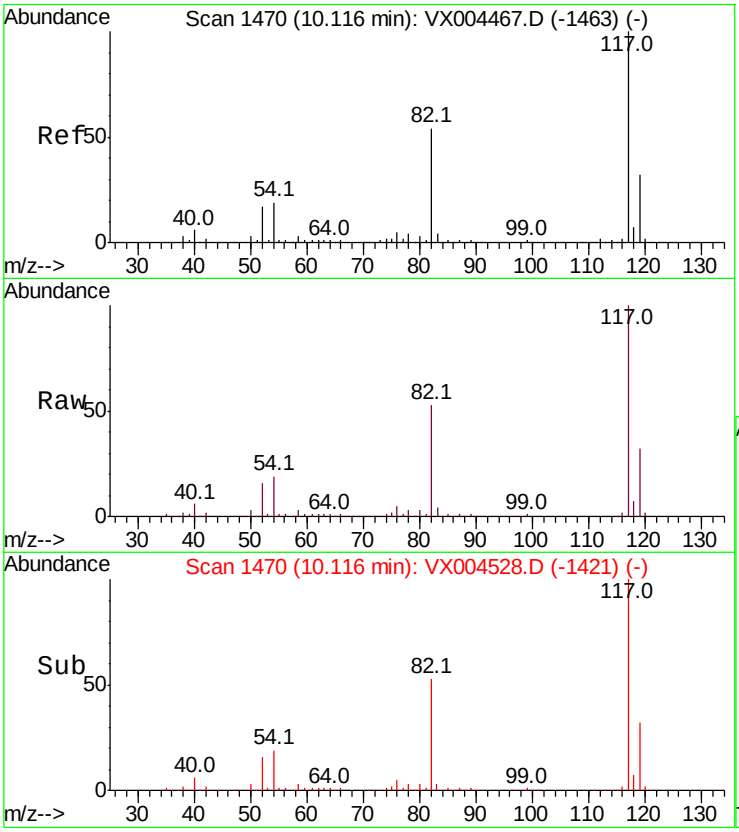


#62
4-Bromofluorobenzene
Concen: 50.171 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004528.D
Acq: 13 Sep 2018 20:35

Tgt Ion: 95 Resp: 200197

Ion	Ratio	Lower	Upper
95	100		
174	91.0	0.0	185.2
176	88.7	0.0	178.6

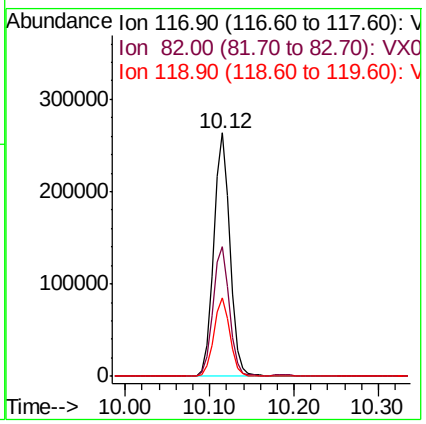




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004528.D
Acq: 13 Sep 2018 20:35

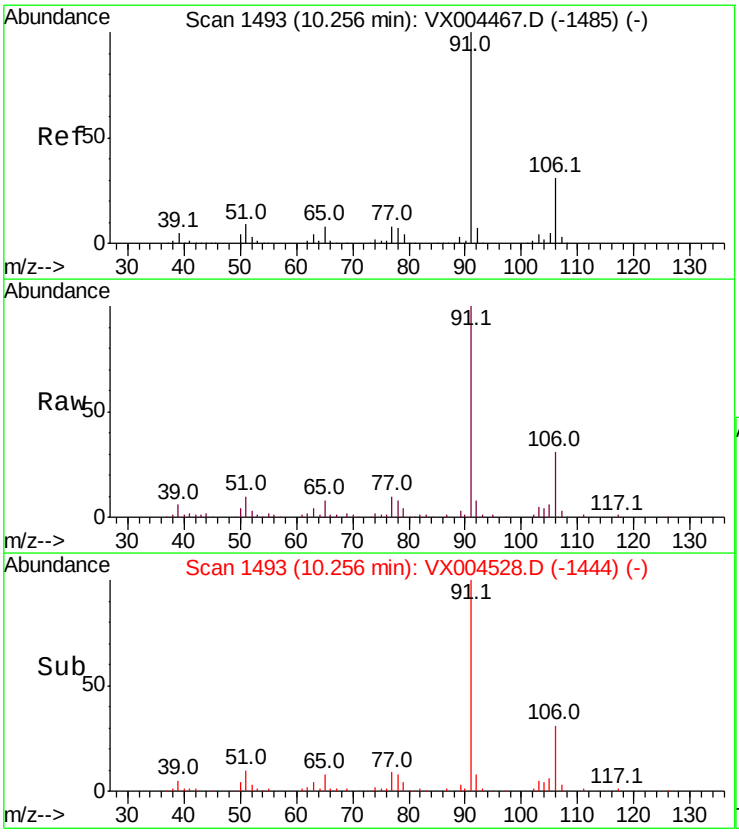
Tgt Ion:117 Resp: 352138

Ion	Ratio	Lower	Upper
117	100		
82	53.3	47.8	71.6
119	32.0	29.3	43.9



Instrument :
MSVOA_X
ClientSampleId :
PR-MW-02-091218

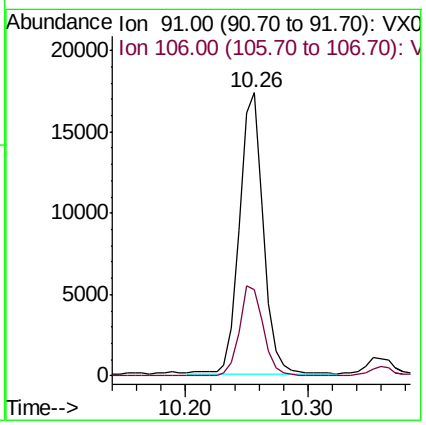
Manual Integrations APPROVED
MMDadoda
9/15/2018 11:23:59 AM

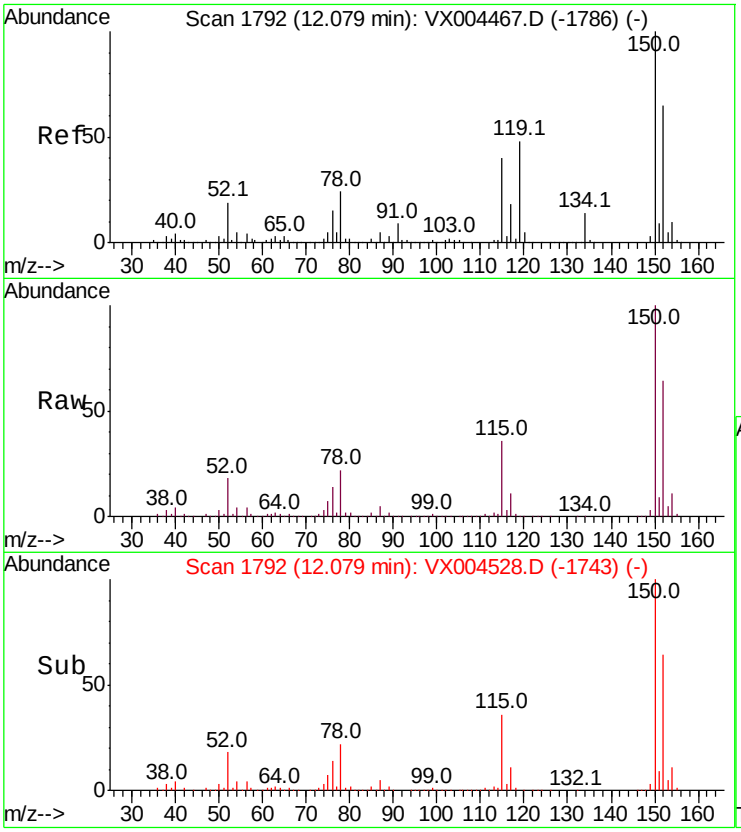


#67
Ethyl Benzene
Concen: 1.632 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004528.D
Acq: 13 Sep 2018 20:35

Tgt Ion: 91 Resp: 23215

Ion	Ratio	Lower	Upper
91	100		
106	30.9	25.9	38.9

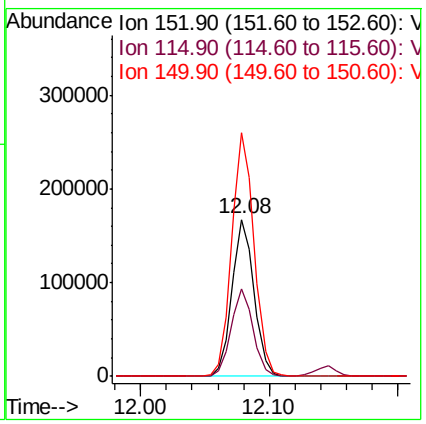




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004528.D
Acq: 13 Sep 2018 20:35

Tgt Ion:152 Resp: 200730

Ion	Ratio	Lower	Upper
152	100		
115	55.3	39.0	117.0
150	156.8	0.0	351.0



Instrument :
MSVOA_X
ClientSampleId :
PR-MW-02-091218

Manual Integrations APPROVED
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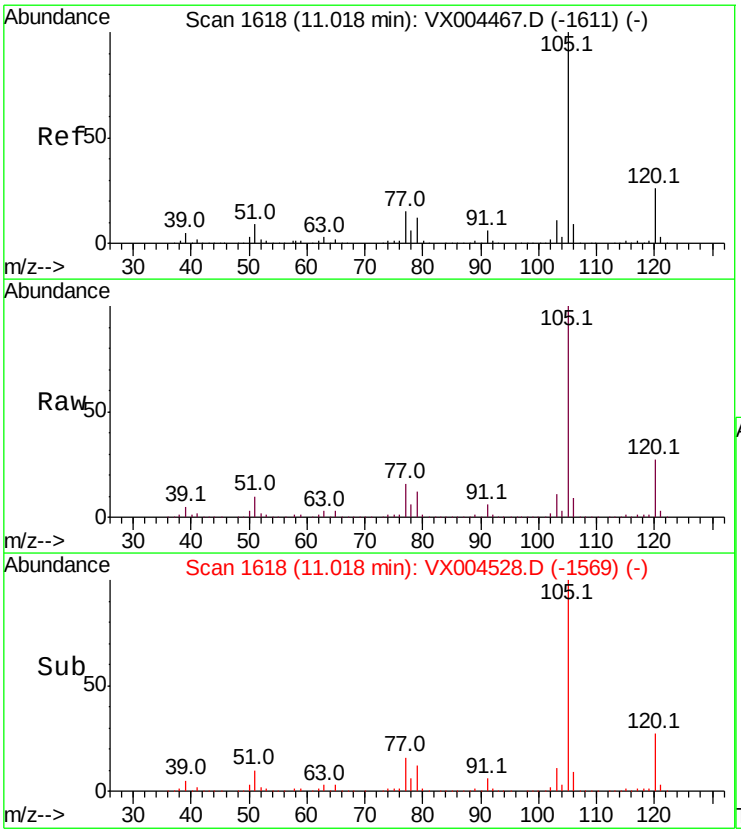
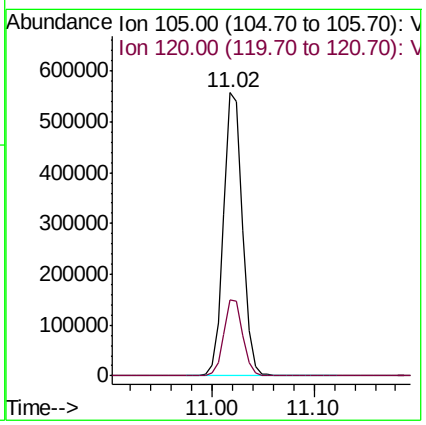
9/15/2018 11:23:59 AM

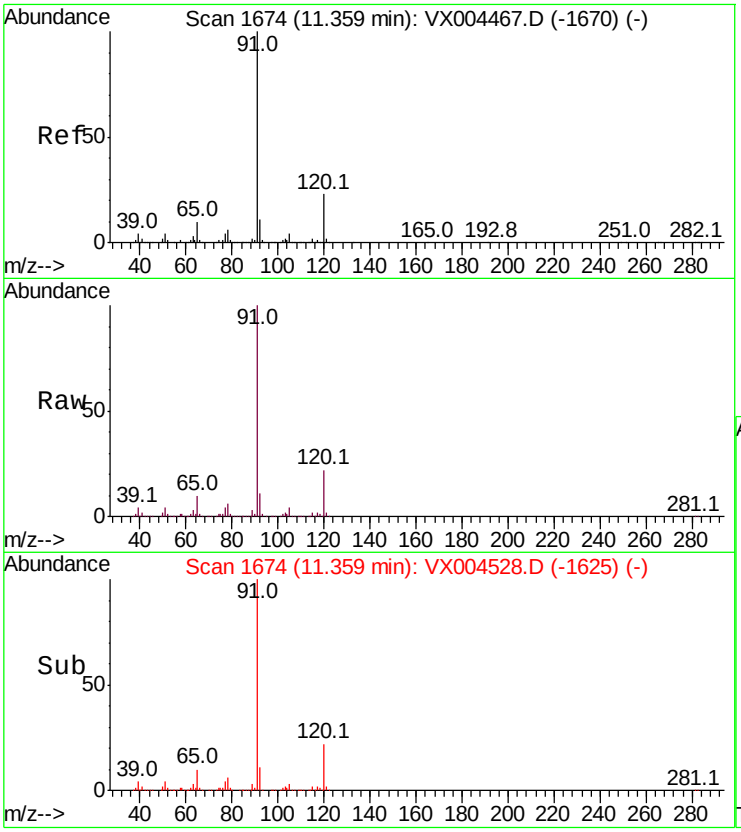


#73
Isopropylbenzene
Concen: 53.987 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX004528.D
Acq: 13 Sep 2018 20:35

Tgt Ion:105 Resp: 713701

Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.5	40.4

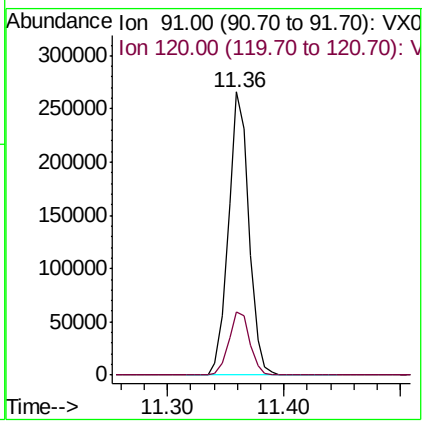




#78
n-propylbenzene
Concen: 21.329 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX004528.D
Acq: 13 Sep 2018 20:35

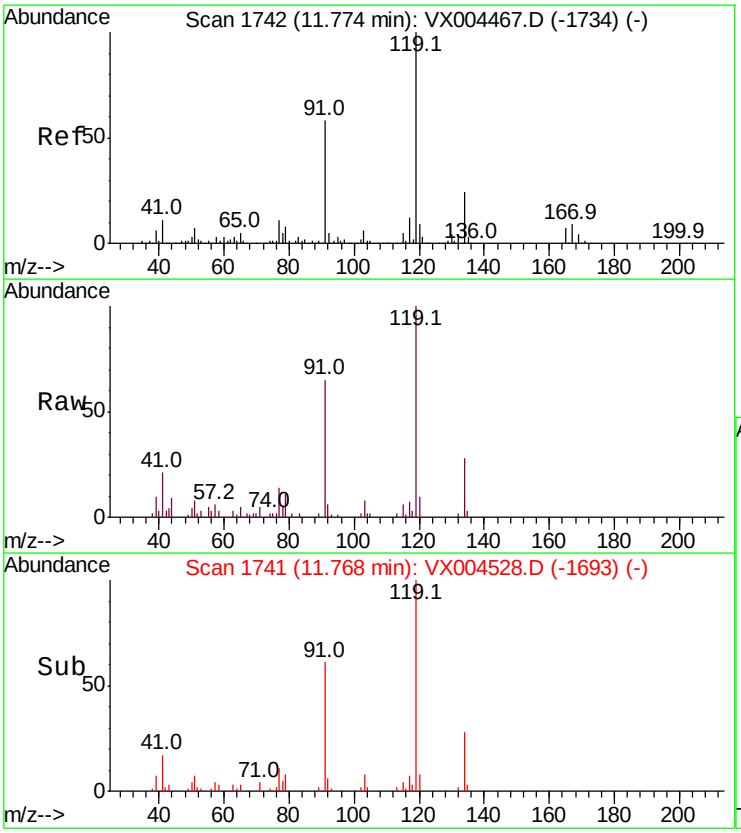
Tgt Ion: 91 Resp: 324202

Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.9	35.9



Instrument :
MSVOA_X
ClientSampleId :
PR-MW-02-091218

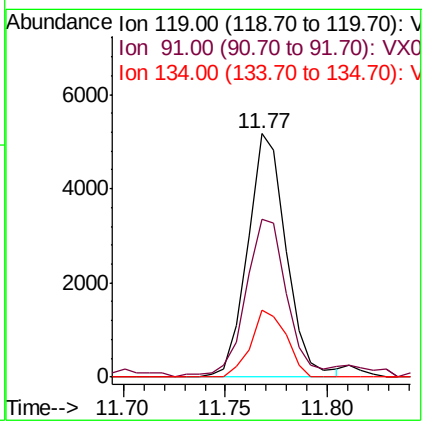
Manual Integrations APPROVED
MMDadoda
9/15/2018 11:23:59 AM

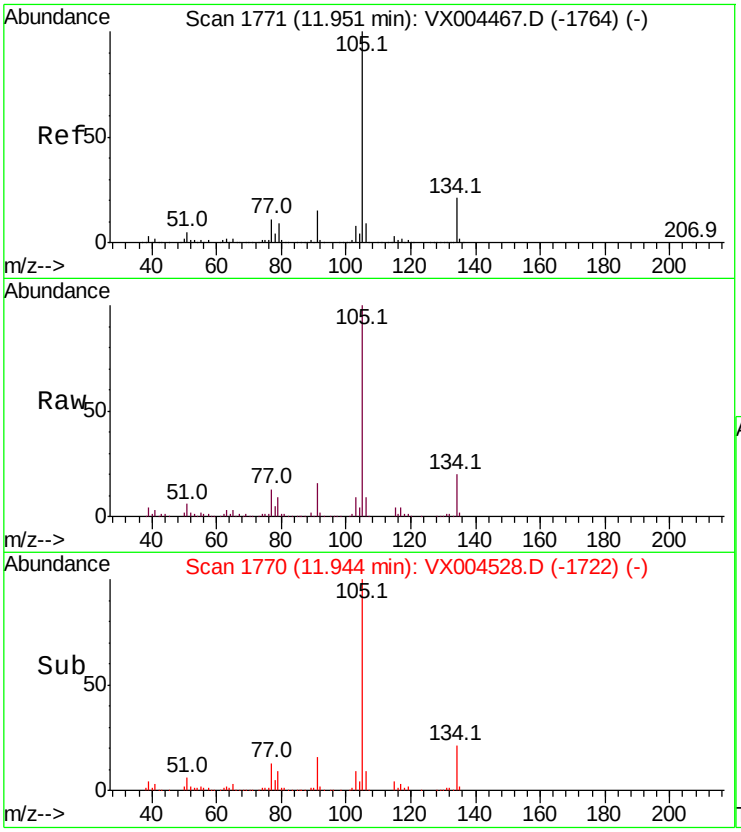


#83
tert-Butylbenzene
Concen: 0.642 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX004528.D
Acq: 13 Sep 2018 20:35

Tgt Ion:119 Resp: 6788

Ion	Ratio	Lower	Upper
119	100		
91	69.4	27.0	81.0
134	25.3	11.7	35.1





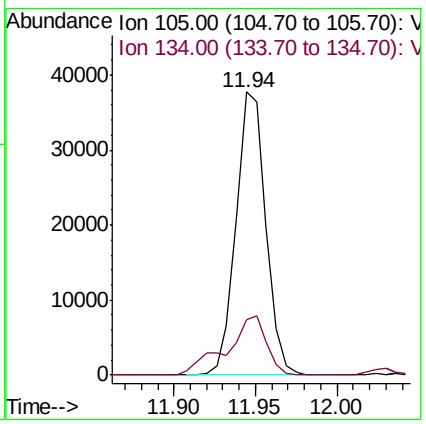
#85
sec-Butylbenzene
Concen: 3.562 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.01 min
Lab File: VX004528.D
Acq: 13 Sep 2018 20:35

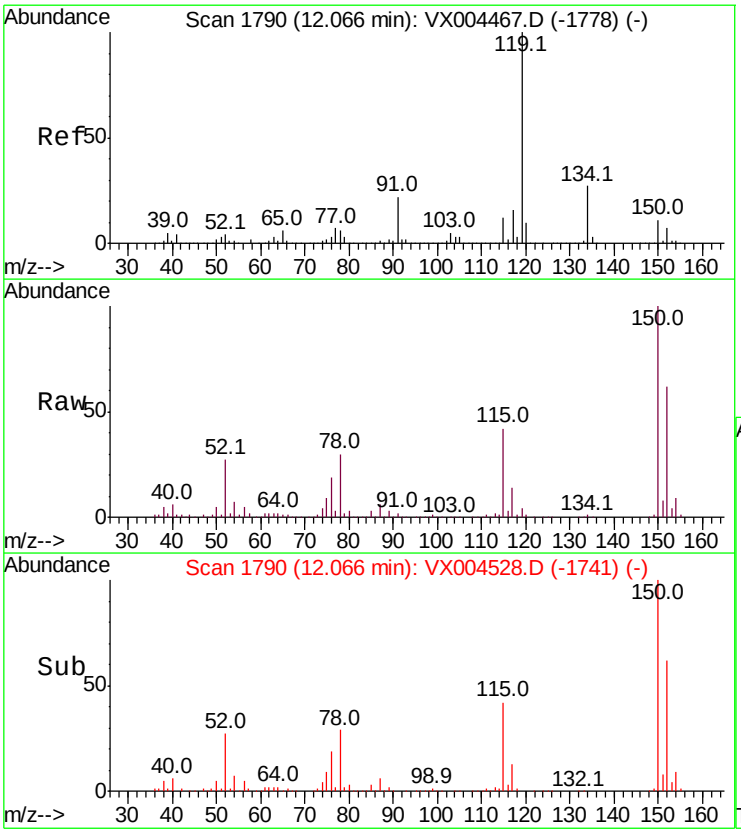
Tgt Ion:105 Resp: 48022

Ion	Ratio	Lower	Upper
105	100		
134	27.9	10.5	31.5

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-02-091218

Manual Integrations APPROVED
MMDadoda
9/15/2018 11:23:59 AM

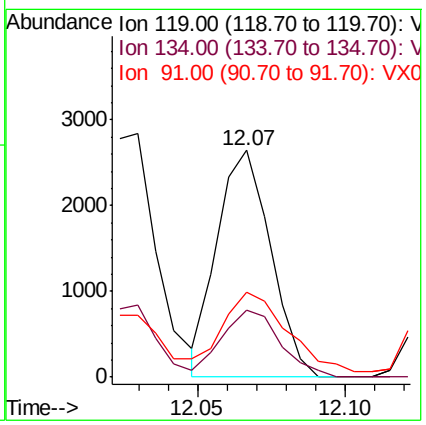


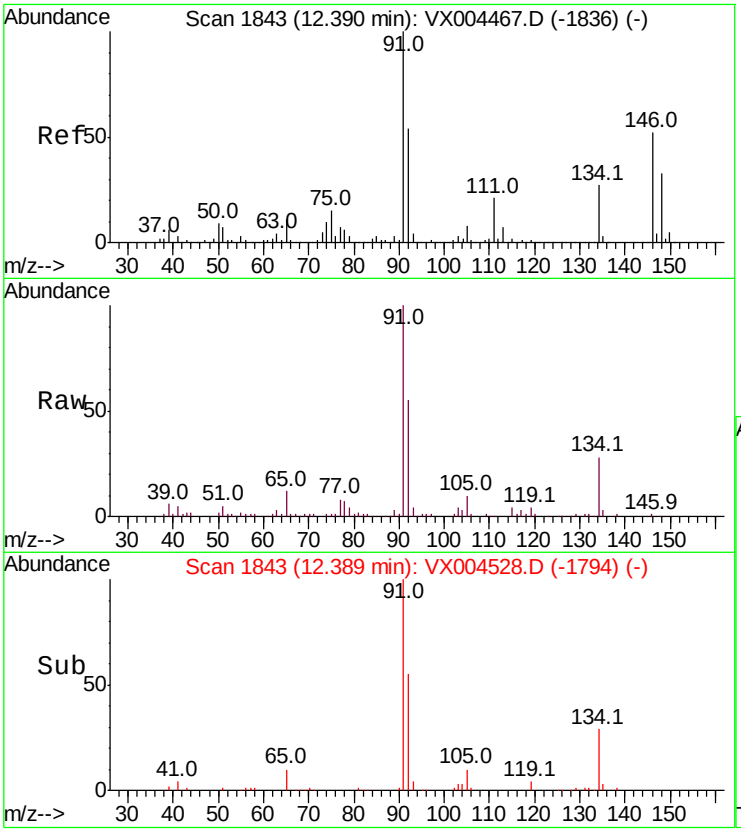


#86
p-Isopropyltoluene
Concen: 0.280 ug/l m
RT: 12.07 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX004528.D
Acq: 13 Sep 2018 20:35

Tgt Ion:119 Resp: 3328

Ion	Ratio	Lower	Upper
119	100		
134	129.8	13.4	40.2#
91	107.4	10.9	32.7#





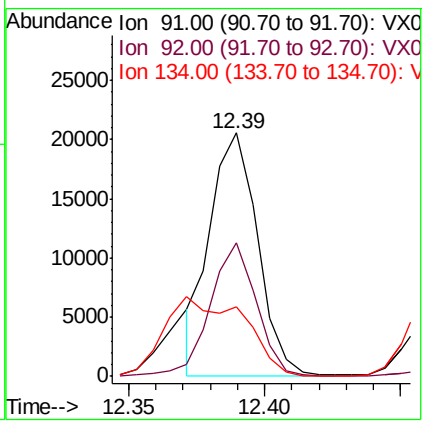
#89
n-Butylbenzene
Concen: 2.318 ug/l m
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004528.D
Acq: 13 Sep 2018 20:35

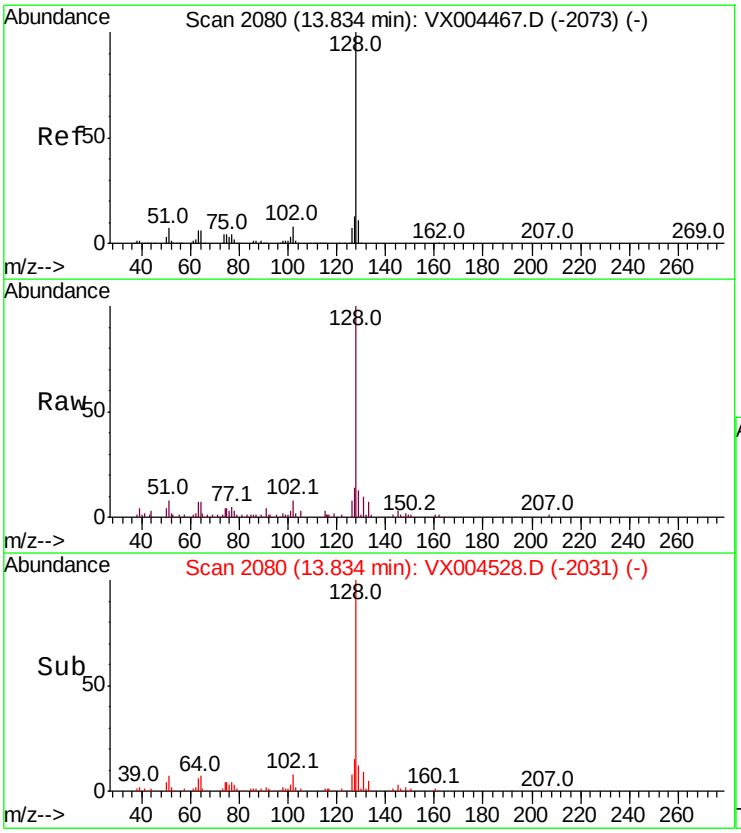
Tgt Ion: 91 Resp: 25151

Ion	Ratio	Lower	Upper
91	100		
92	52.8	27.3	81.9
134	54.7	13.6	40.7#

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-02-091218

Manual Integrations APPROVED
MMDadoda
9/15/2018 11:23:59 AM





#95
Naphthalene
Concen: 1.313 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004528.D
Acq: 13 Sep 2018 20:35

Tgt Ion:128 Resp: 17996

Ion	Ratio	Lower	Upper
128	100		
127	18.3	10.2	15.2#
129	13.5	8.6	12.8#