Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101618\
Data File : VN051893.D
Acq On : 16 Oct 2018 14:02
Operator : MD\SY
Sample : J5515-13 50X
Misc : 6.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
AOC2-01A

Manual Integrations APPROVED
MMDadoda
10/17/2018 1:11:56 PM

Quant Time: Oct 17 04:30:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 09:51:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	885420	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	1272646	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	1156639	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	535444	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	474419	56.06	ug/l		0.00
Spiked Amount 50.000			Recovery =	112.12%			
35) Dibromofluoromethane	7.59	113	467194	59.04	ug/l		0.00
Spiked Amount 50.000			Recovery =	118.08%			
50) Toluene-d8	10.09	98	1780143	60.37	ug/l		0.00
Spiked Amount 50.000			Recovery =	120.74%			
62) 4-Bromofluorobenzene	12.40	95	561202	55.13	ug/l		0.00
Spiked Amount 50.000			Recovery =	110.26%			
Target Compounds							Qvalue
31) Cyclohexane	7.64	56	116262	9.54	ug/l	#	68
39) Methylcyclohexane	9.08	83	142773	11.28	ug/l		90
40) Benzene	8.04	78	47834	1.61	ug/l		99
52) Toluene	10.16	92	90347	4.53	ug/l		96
67) Ethyl Benzene	11.51	91	973853	25.15	ug/l		97
68) m/p-Xylenes	11.62	106	721314	46.11	ug/l		96
69) o-Xylene	11.95	106	21052	1.39	ug/l		95
73) Isopropylbenzene	12.25	105	128115	3.11	ug/l		98
78) n-propylbenzene	12.59	91	511277	11.83	ug/l		96
80) 1,3,5-Trimethylbenzene	12.73	105	696159	20.71	ug/l		99
83) tert-Butylbenzene	13.04	119	312512	10.02	ug/l	#	67
84) 1,2,4-Trimethylbenzene	13.04	105	2527173	75.49	ug/l		100
86) p-Isopropyltoluene	13.29	119	29927m	0.84	ug/l		
95) Naphthalene	15.13	128	117003	9.81	ug/l		98

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101618\
Data File : VN051893.D
Acq On : 16 Oct 2018 14:02
Operator : MD\SY
Sample : J5515-13 50X
Misc : 6.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 28

Quant Time: Oct 17 04:30:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 09:51:20 2018
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
AOC2-01A

Manual Integrations APPROVED
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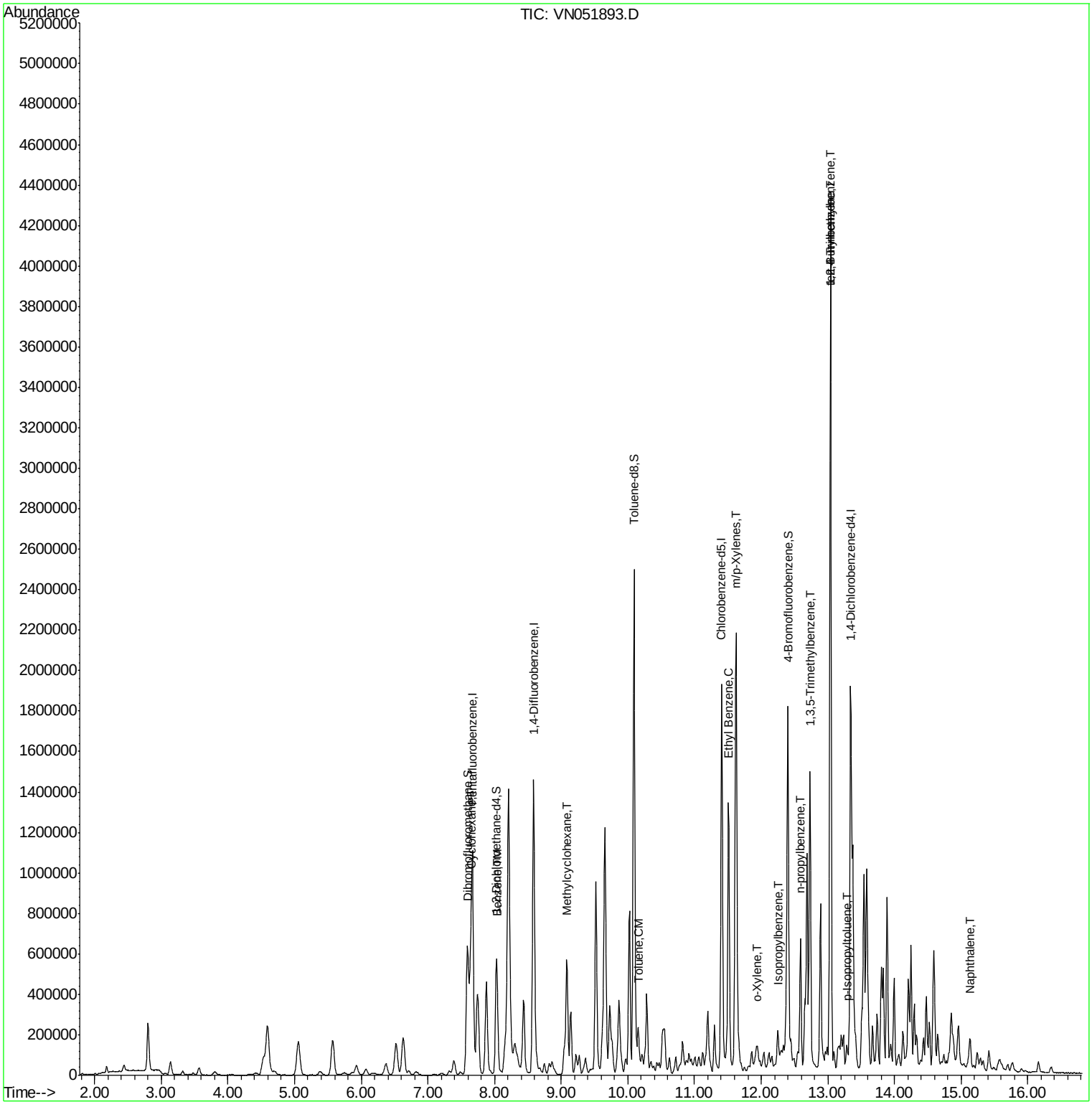
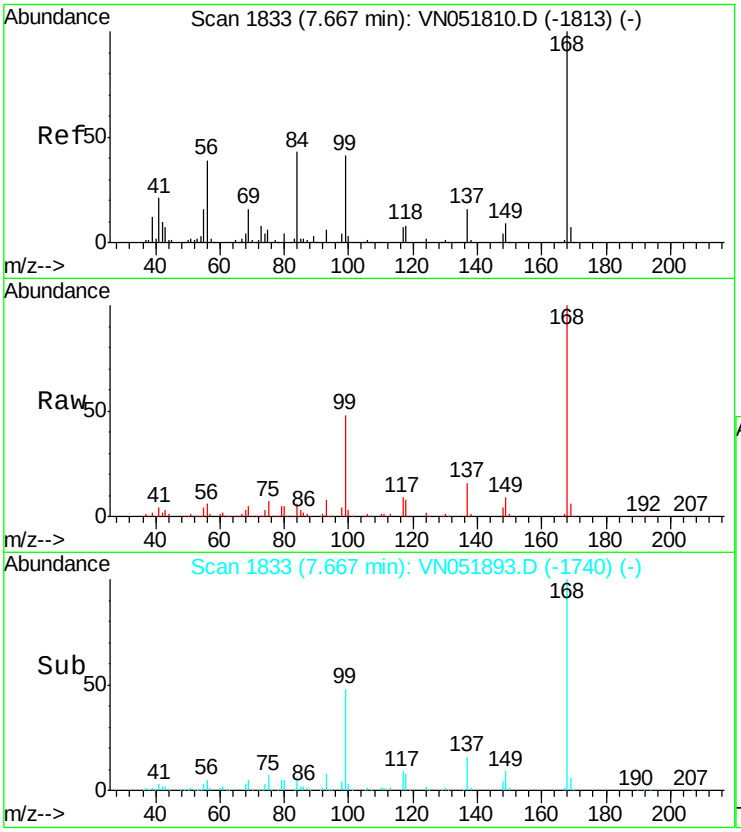
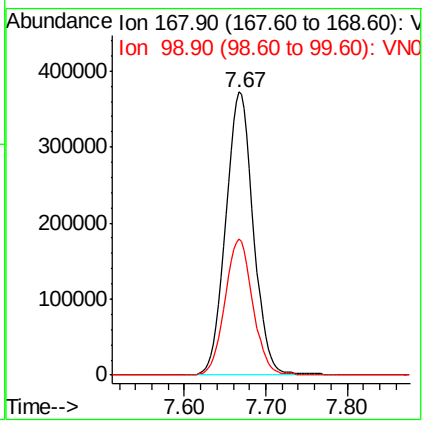




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN051893.D
Acq: 16 Oct 2018 14:02

Tgt Ion:168 Resp: 885420

Ion	Ratio	Lower	Upper
168	100		
99	48.0	39.6	59.4



Instrument :
MSVOA_N
ClientSampleId :
AOC2-01A

Manual Integrations APPROVED
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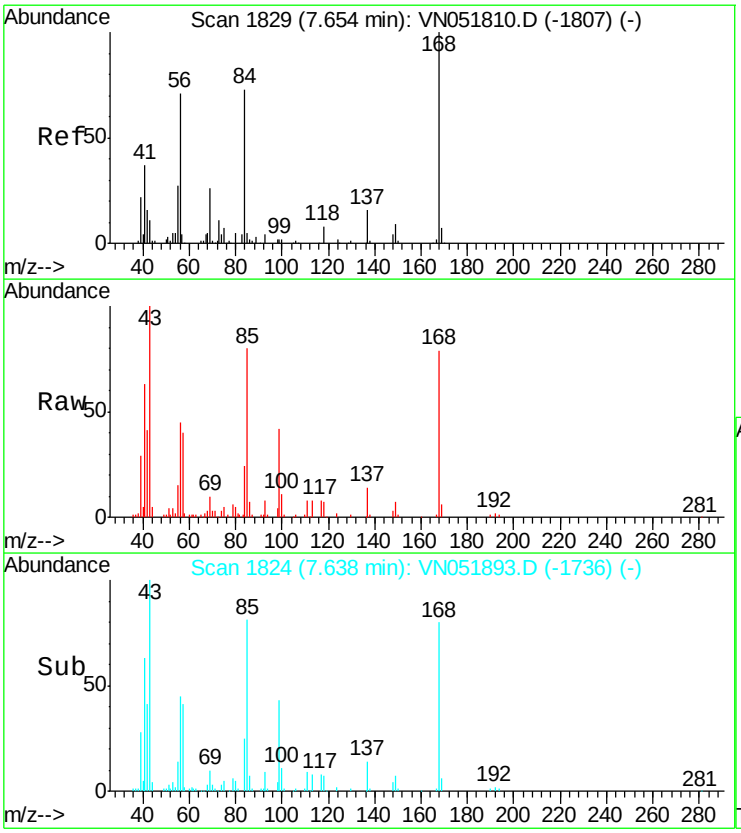
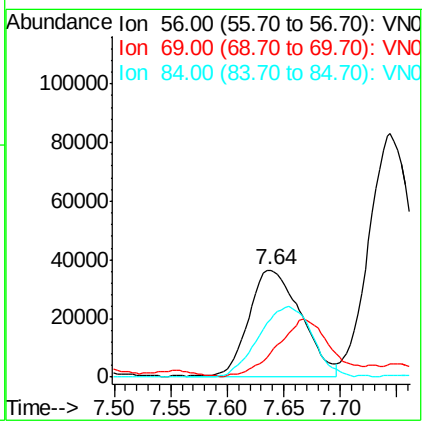
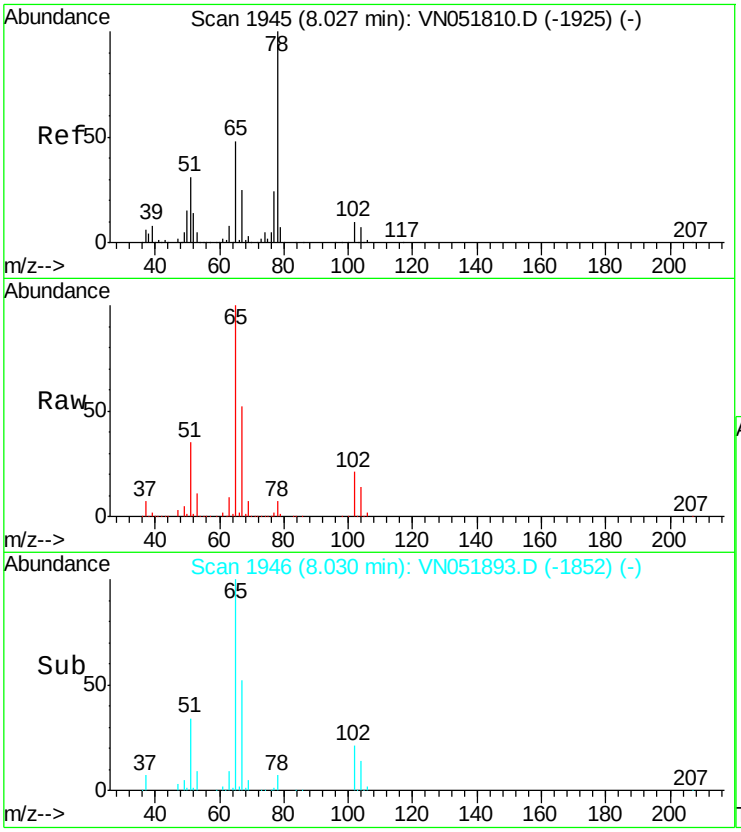


#31
Cyclohexane
Concen: 9.54 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. -0.02 min
Lab File: VN051893.D
Acq: 16 Oct 2018 14:02

Tgt Ion: 56 Resp: 116262

Ion	Ratio	Lower	Upper
56	100		
69	18.1	26.2	39.4#
84	54.7	68.3	102.5#

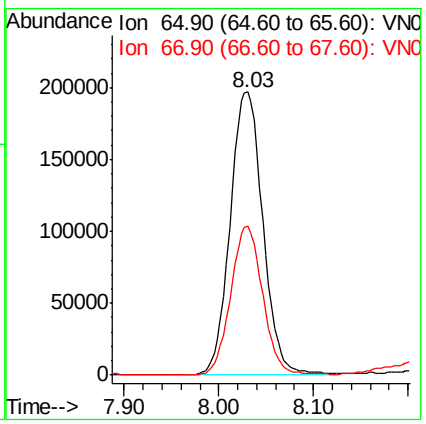




#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051893.D
Acq: 16 Oct 2018 14:02

Tgt Ion: 65 Resp: 474419

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	110.4



Instrument :
MSVOA_N
ClientSampleId :
AOC2-01A

Manual Integrations APPROVED
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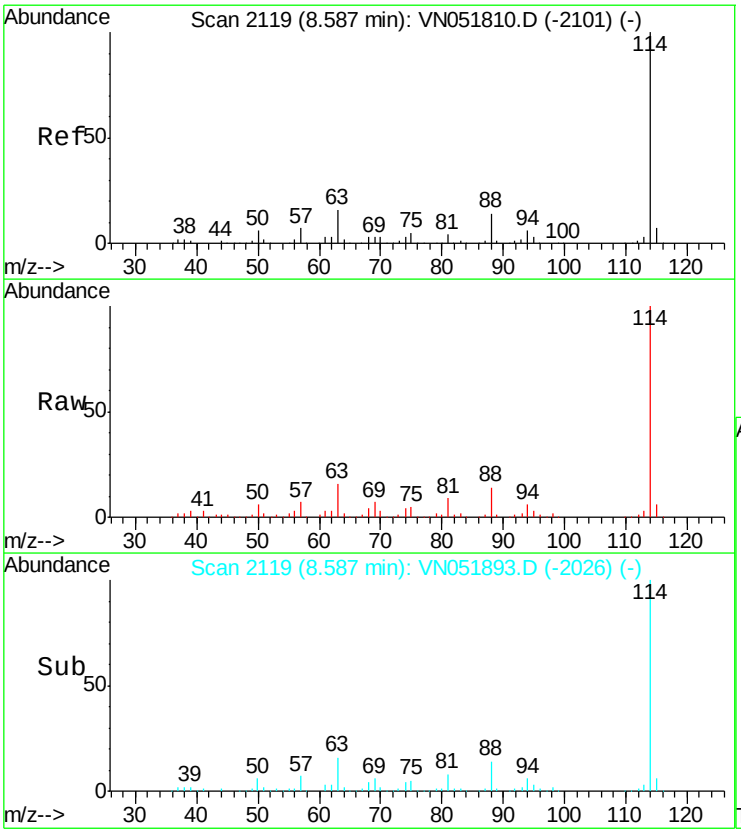
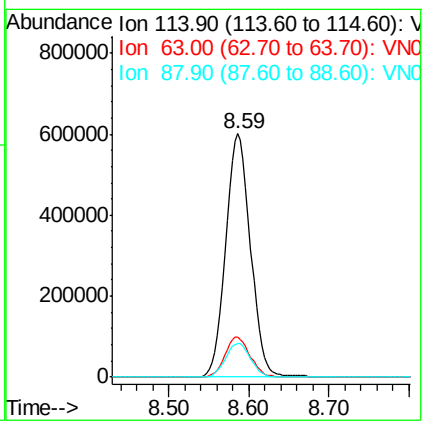
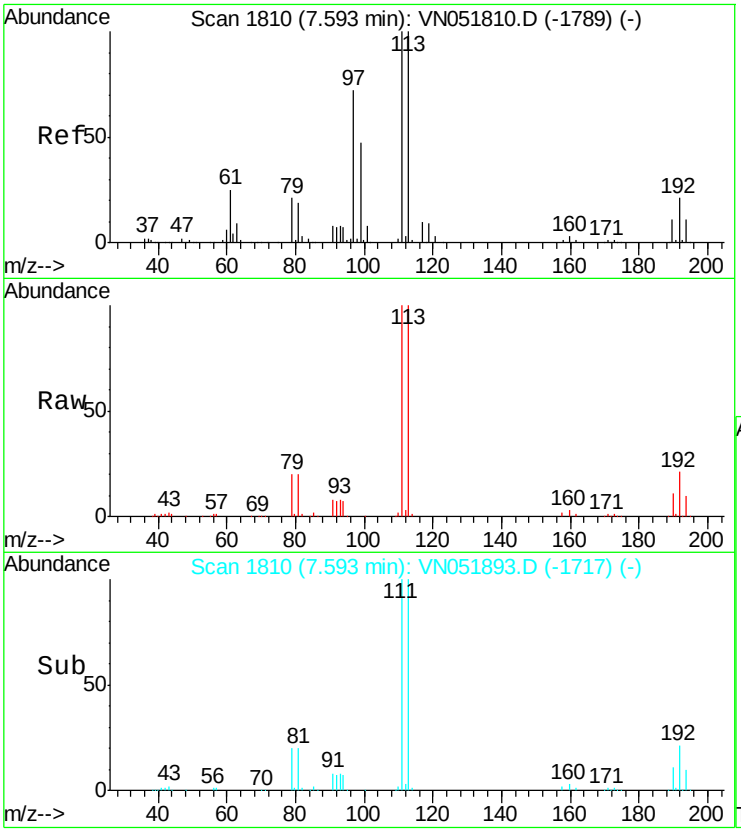


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051893.D
Acq: 16 Oct 2018 14:02

Tgt Ion:114 Resp: 1272646

Ion	Ratio	Lower	Upper
114	100		
63	16.4	0.0	38.6
88	13.9	0.0	30.6

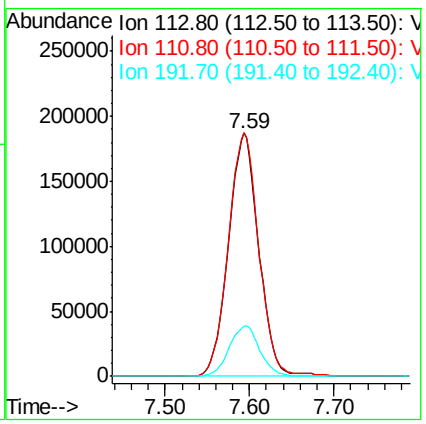




#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051893.D
Acq: 16 Oct 2018 14:02

Tgt Ion:113 Resp: 467194

Ion	Ratio	Lower	Upper
113	100		
111	100.3	82.6	123.8
192	21.1	18.0	27.0



Instrument :
MSVOA_N
ClientSampleId :
AOC2-01A

Manual Integrations APPROVED
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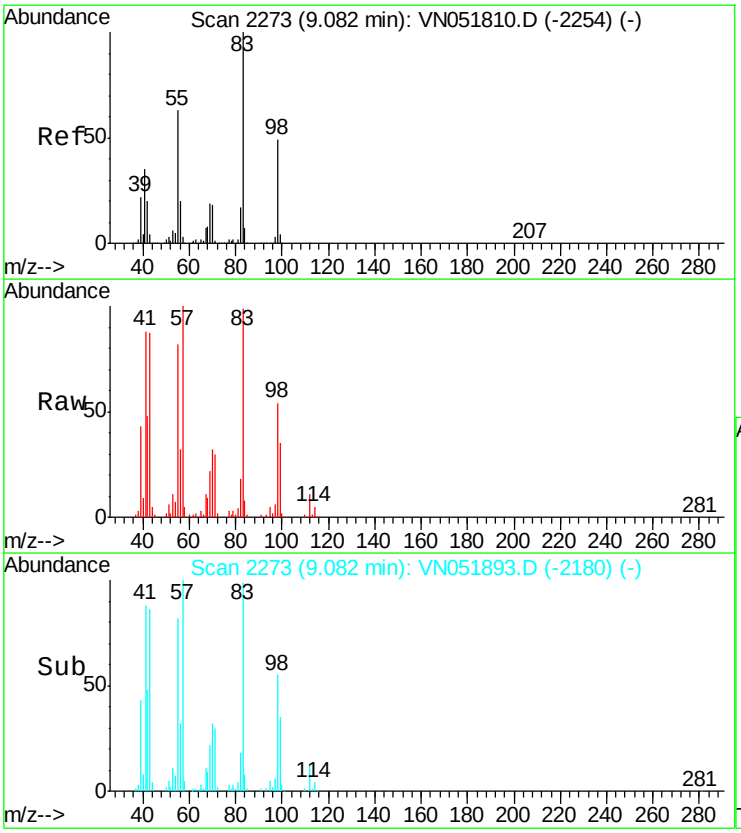
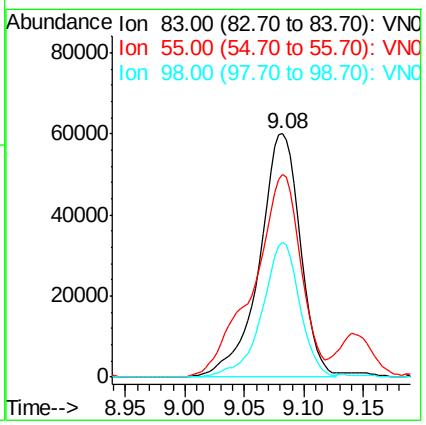
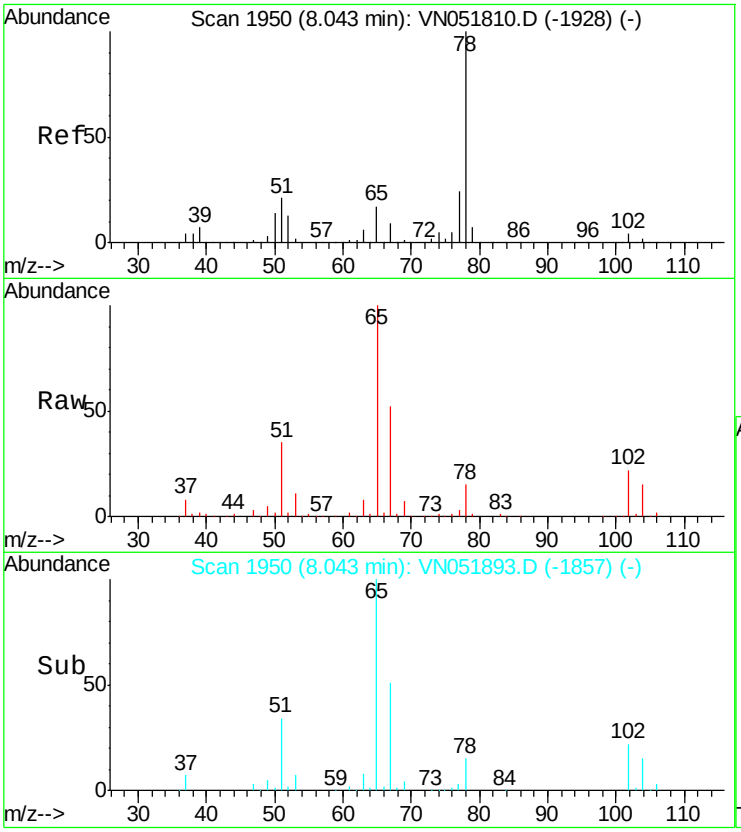


#39
Methylcyclohexane
Concen: 11.28 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051893.D
Acq: 16 Oct 2018 14:02

Tgt Ion: 83 Resp: 142773

Ion	Ratio	Lower	Upper
83	100		
55	83.2	61.0	91.4
98	55.2	37.5	56.3

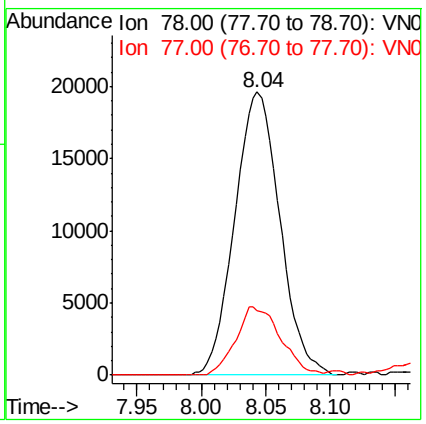




#40
Benzene
Concen: 1.61 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN051893.D
Acq: 16 Oct 2018 14:02

Tgt Ion: 78 Resp: 47834

Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.0	28.4



Instrument :
MSVOA_N
ClientSampleId :
AOC2-01A

Manual Integrations APPROVED
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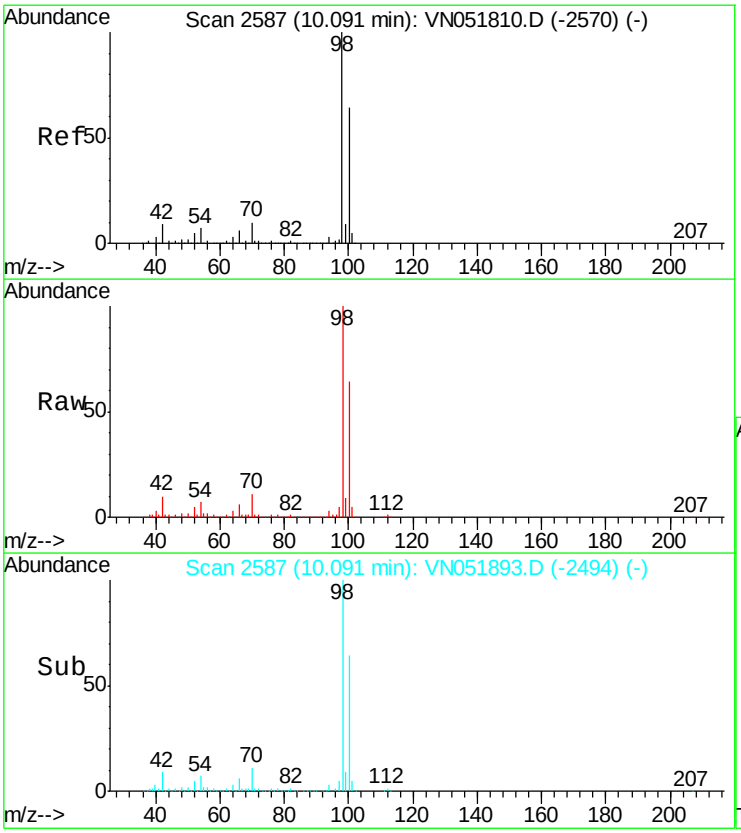
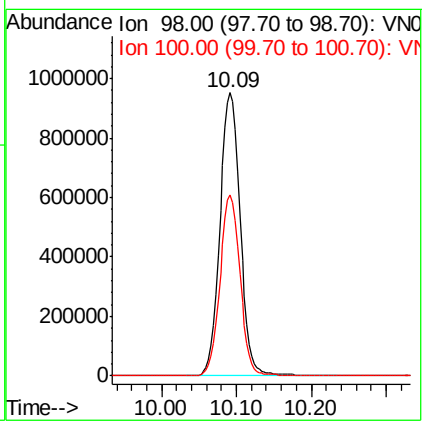
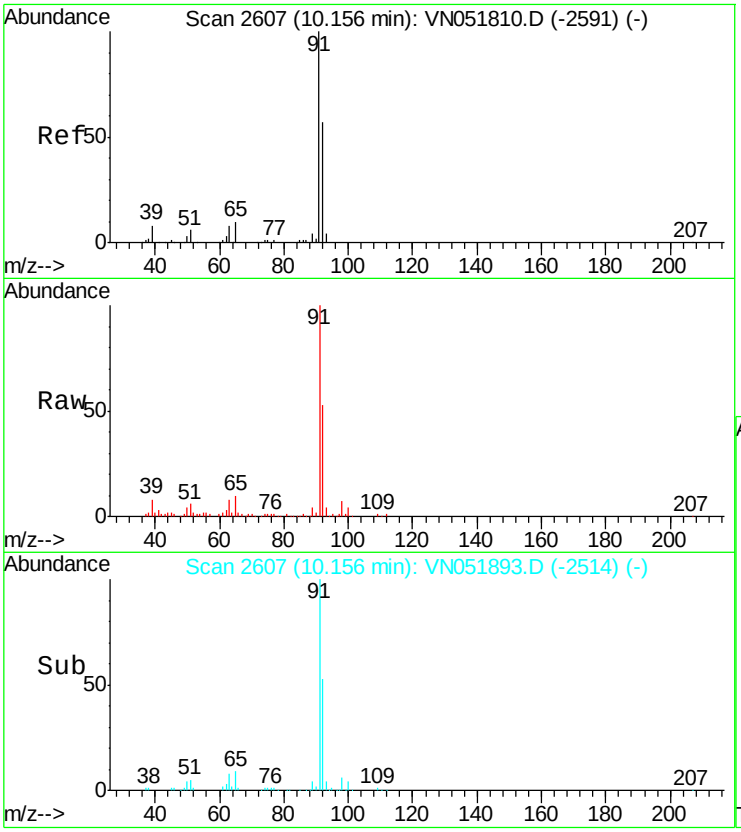


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051893.D
Acq: 16 Oct 2018 14:02

Tgt Ion: 98 Resp: 1780143

Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.5	77.3





#52
Toluene
Concen: 4.53 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN051893.D
Acq: 16 Oct 2018 14:02

Tgt Ion: 92 Resp: 90347

Ion	Ratio	Lower	Upper
92	100		
91	181.9	140.6	211.0

Instrument :
MSVOA_N
ClientSampleId :
AOC2-01A

Manual Integrations APPROVED
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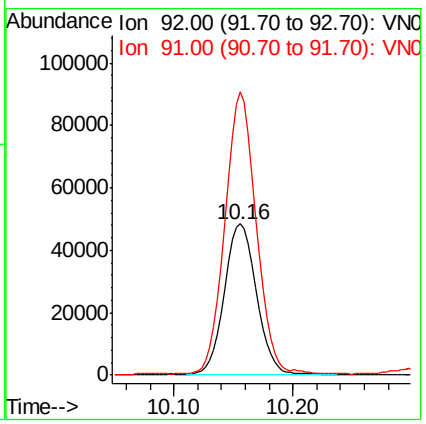
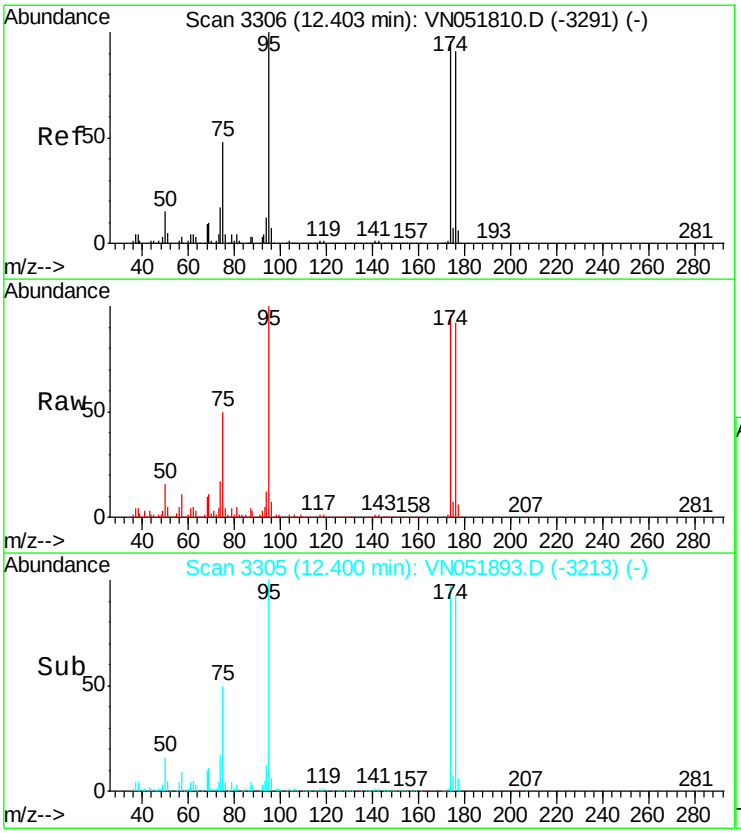
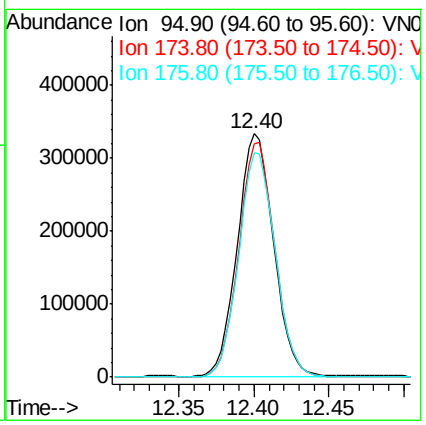


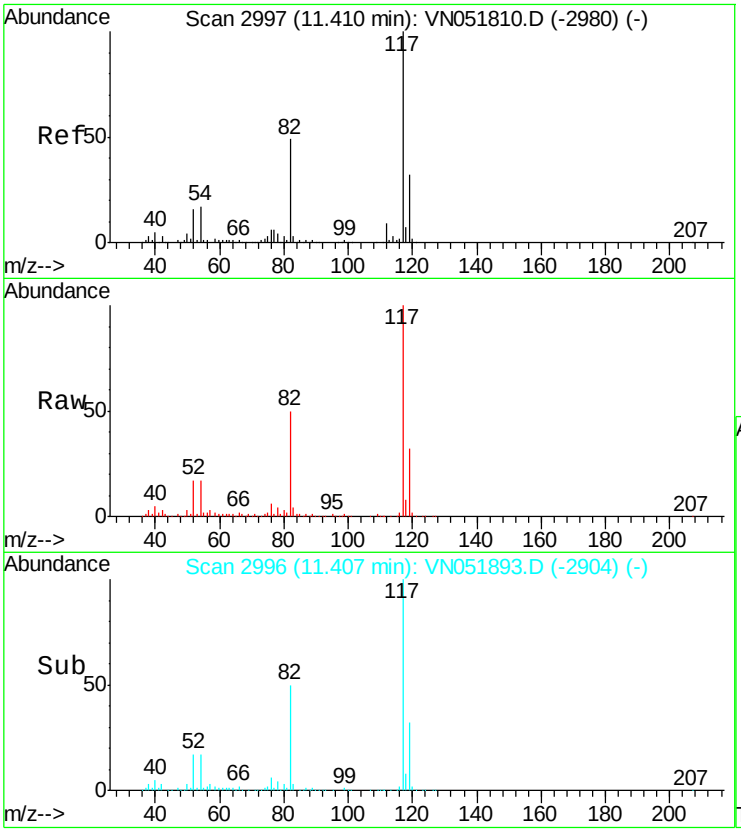


#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN051893.D
Acq: 16 Oct 2018 14:02

Tgt Ion: 95 Resp: 561202

Ion	Ratio	Lower	Upper
95	100		
174	96.2	0.0	183.0
176	93.5	0.0	178.8

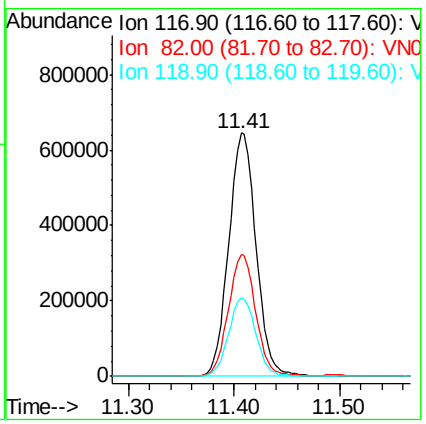




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051893.D
Acq: 16 Oct 2018 14:02

Tgt Ion:117 Resp: 1156639

Ion	Ratio	Lower	Upper
117	100		
82	50.1	42.6	64.0
119	32.4	25.8	38.6



Instrument :
MSVOA_N
ClientSampleId :
AOC2-01A

Manual Integrations APPROVED
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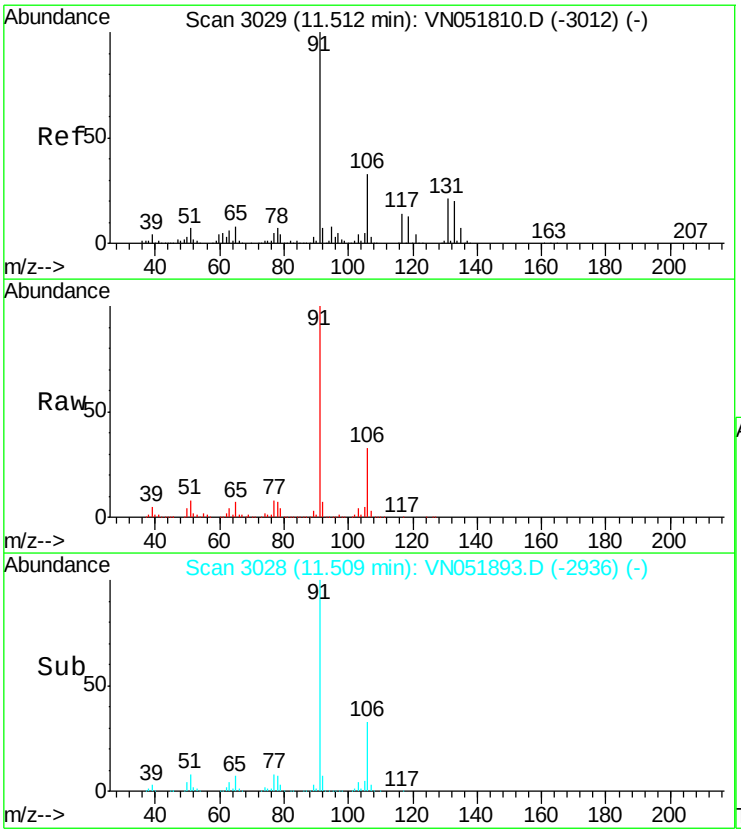
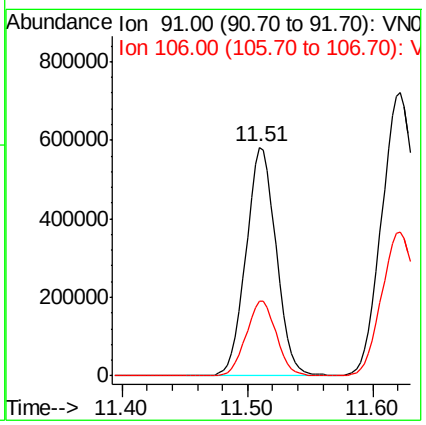
10/17/2018 1:11:56 PM

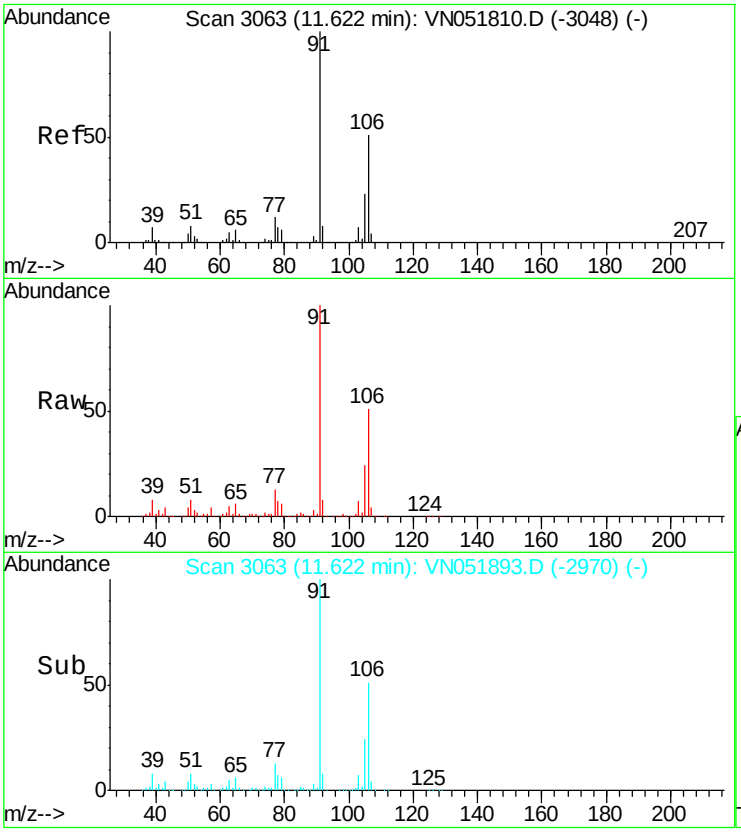


#67
Ethyl Benzene
Concen: 25.15 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051893.D
Acq: 16 Oct 2018 14:02

Tgt Ion: 91 Resp: 973853

Ion	Ratio	Lower	Upper
91	100		
106	32.7	25.0	37.4





#68
m/p-Xylenes
Concen: 46.11 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN051893.D
Acq: 16 Oct 2018 14:02

Tgt Ion:106 Resp: 721314

Ion	Ratio	Lower	Upper
106	100		
91	195.6	161.0	241.6

Instrument :
MSVOA_N
ClientSampleId :
AOC2-01A

Manual Integrations APPROVED
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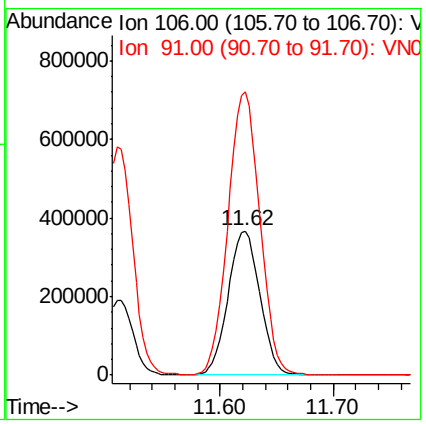
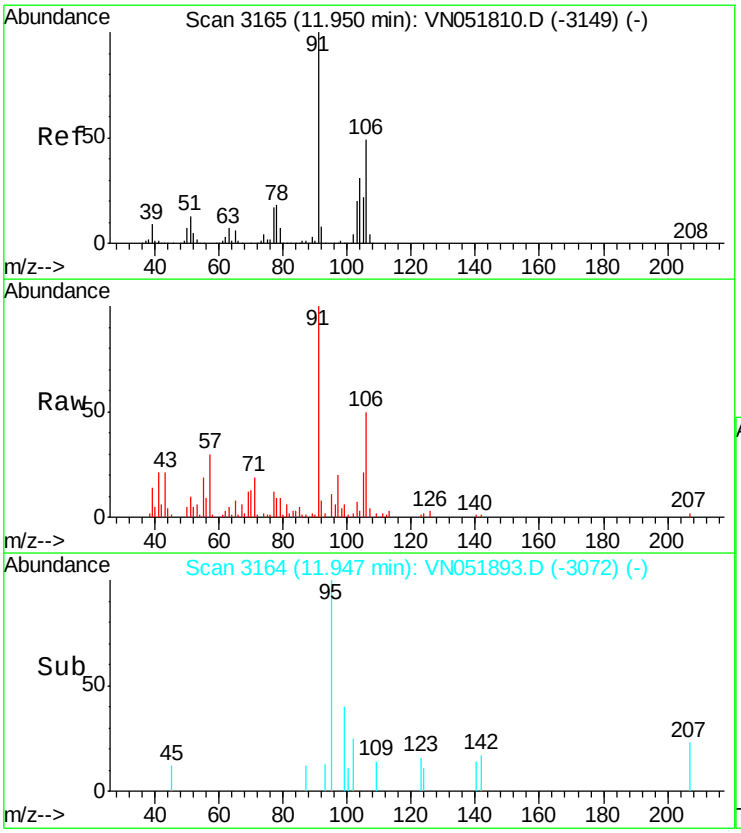
10/17/2018 1:11:56 PM

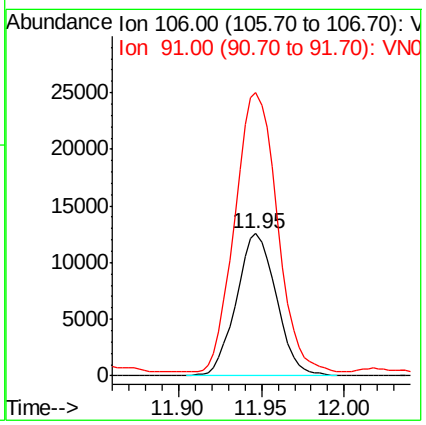


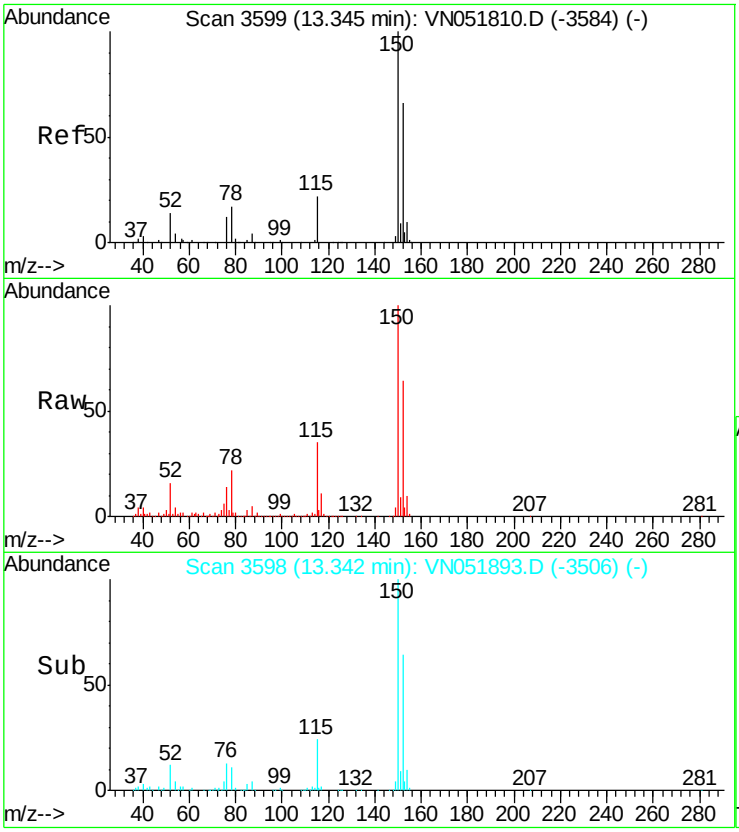


#69
o-Xylene
Concen: 1.39 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051893.D
Acq: 16 Oct 2018 14:02

Tgt Ion:106 Resp: 21052

Ion	Ratio	Lower	Upper
106	100		
91	205.7	106.5	319.5

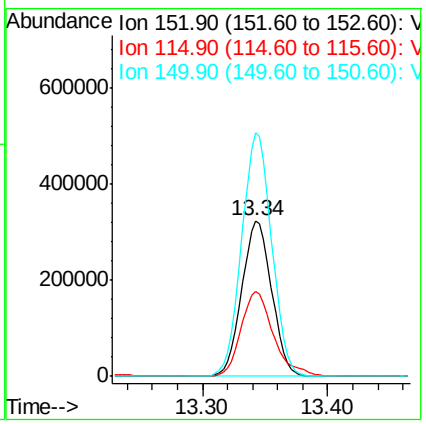




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN051893.D
Acq: 16 Oct 2018 14:02

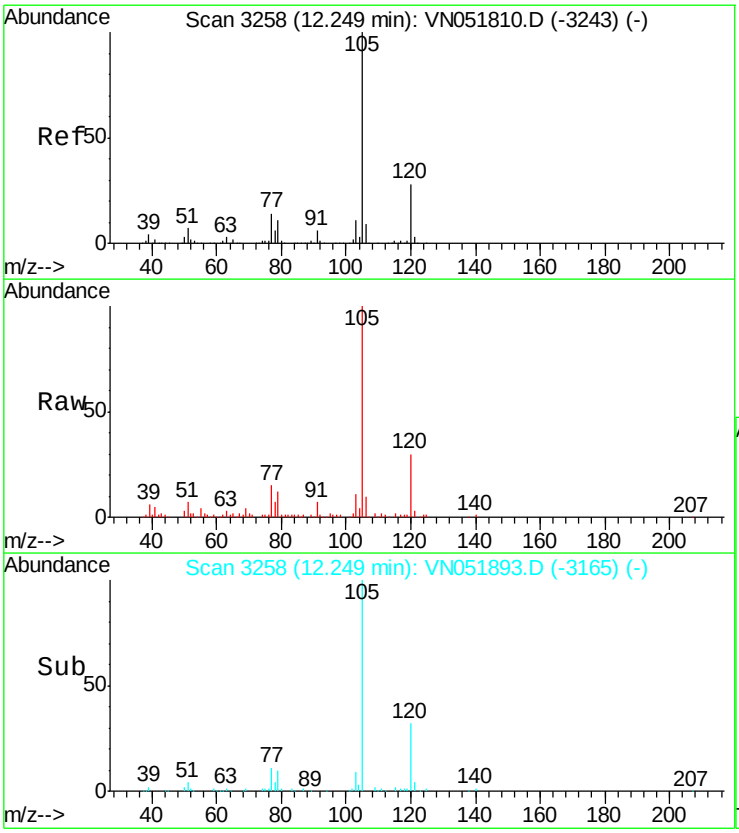
Tgt Ion:152 Resp: 535444

Ion	Ratio	Lower	Upper
152	100		
115	59.1	27.8	83.4
150	157.4	0.0	351.4



Instrument :
MSVOA_N
ClientSampleId :
AOC2-01A

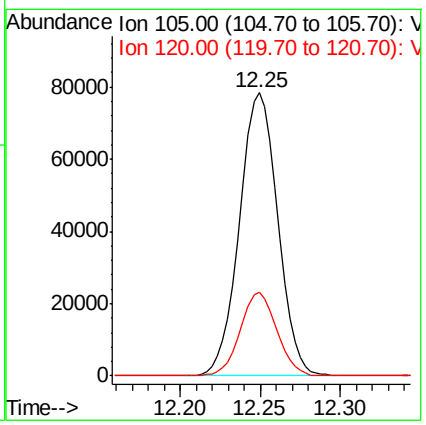
Manual Integrations APPROVED
MMDadoda
10/17/2018 1:11:56 PM

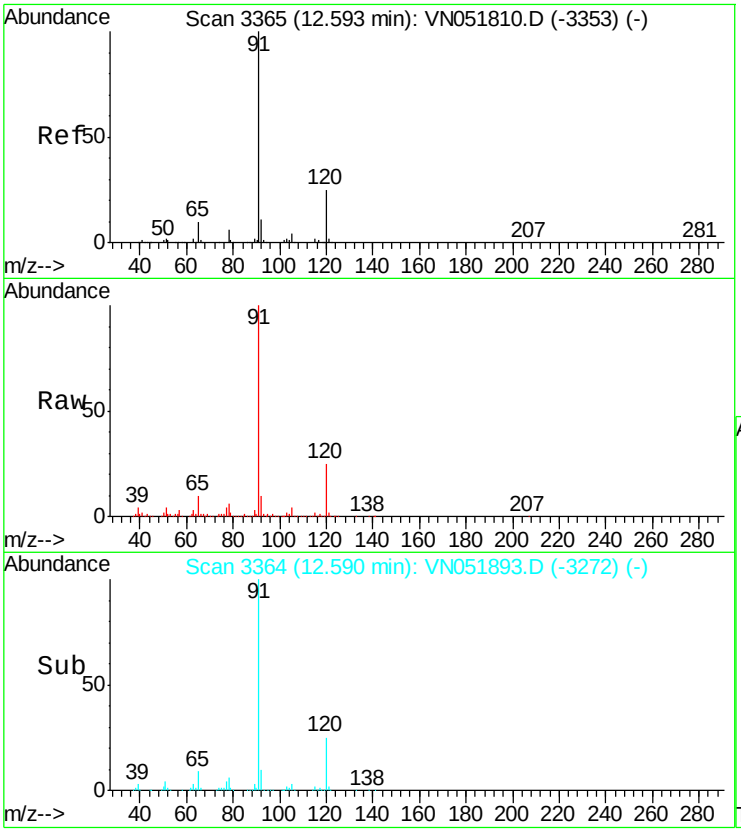


#73
Isopropylbenzene
Concen: 3.11 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN051893.D
Acq: 16 Oct 2018 14:02

Tgt Ion:105 Resp: 128115

Ion	Ratio	Lower	Upper
105	100		
120	28.0	13.5	40.4





#78
n-propylbenzene
Concen: 11.83 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN051893.D
Acq: 16 Oct 2018 14:02

Tgt Ion: 91 Resp: 511277

Ion	Ratio	Lower	Upper
91	100		
120	25.2	11.7	35.0

Instrument :
MSVOA_N
ClientSampleId :
AOC2-01A

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MMDadoda
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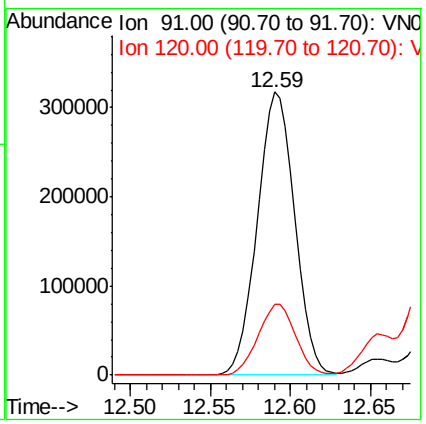
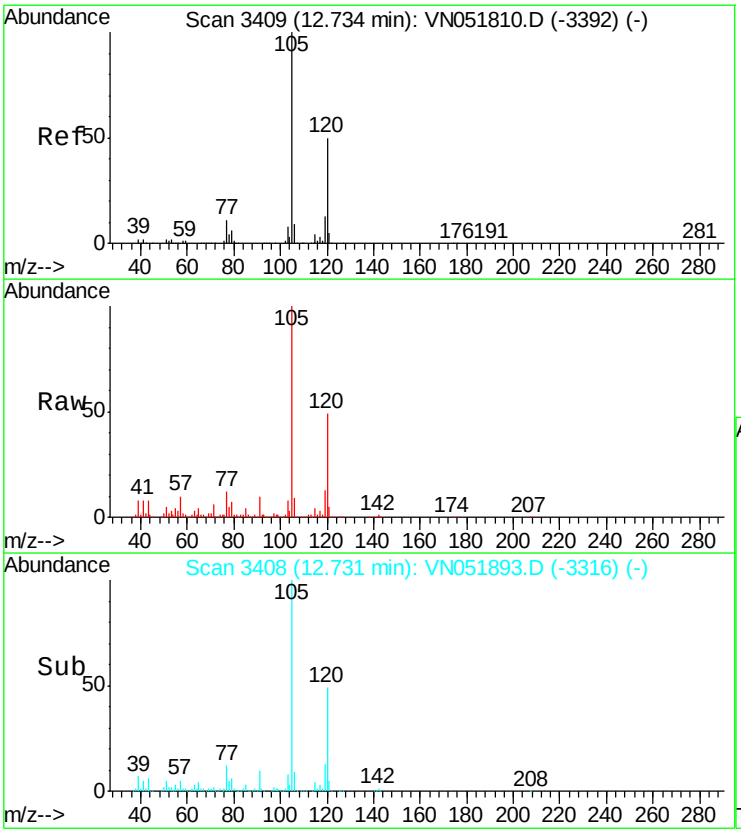
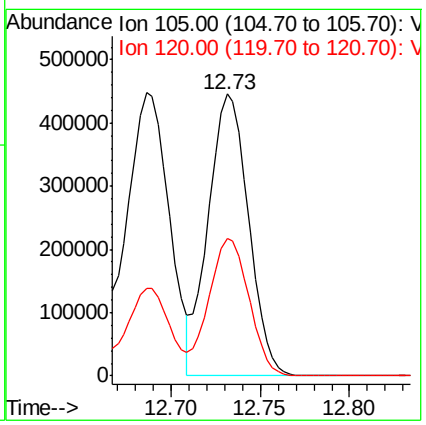


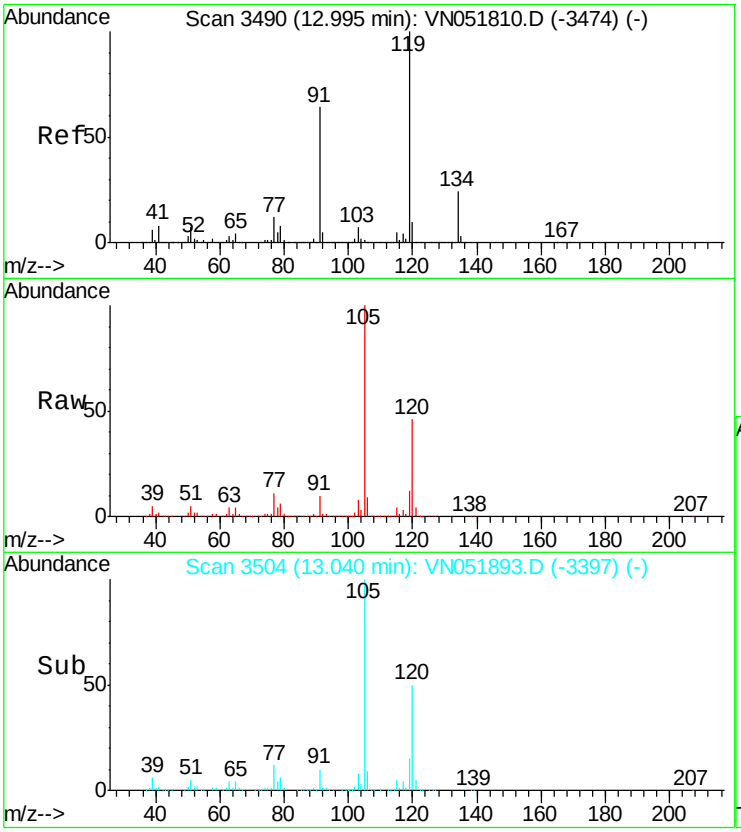


#80
1,3,5-Trimethylbenzene
Concen: 20.71 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN051893.D
Acq: 16 Oct 2018 14:02

Tgt Ion:105 Resp: 696159

Ion	Ratio	Lower	Upper
105	100		
120	48.9	24.6	74.0





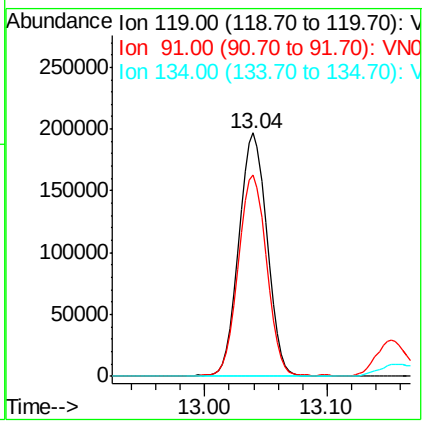
#83
tert-Butylbenzene
Concen: 10.02 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.05 min
Lab File: VN051893.D
Acq: 16 Oct 2018 14:02

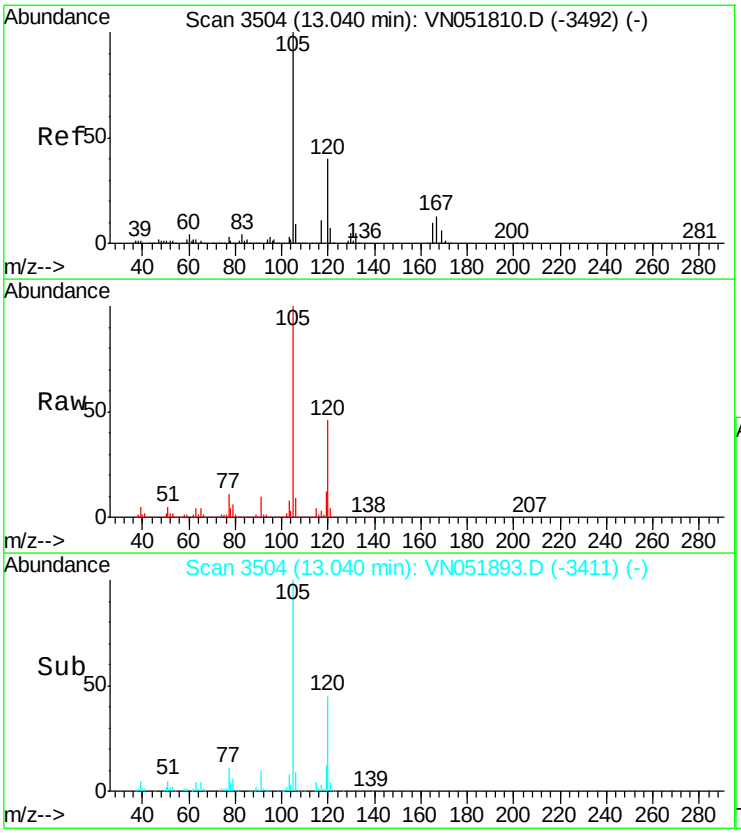
Tgt Ion:119 Resp: 312512

Ion	Ratio	Lower	Upper
119	100		
91	82.6	31.6	94.7
134	0.0	13.4	40.1#

Instrument :
MSVOA_N
ClientSampleId :
AOC2-01A

Manual Integrations APPROVED
MMDadoda
10/17/2018 1:11:56 PM

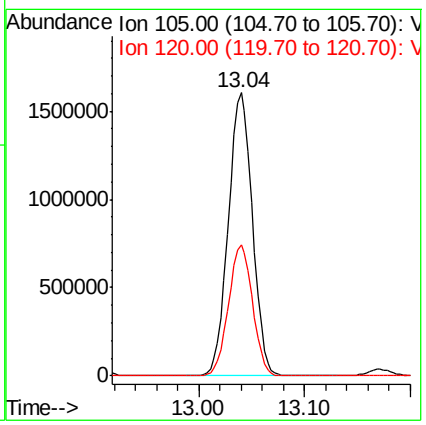


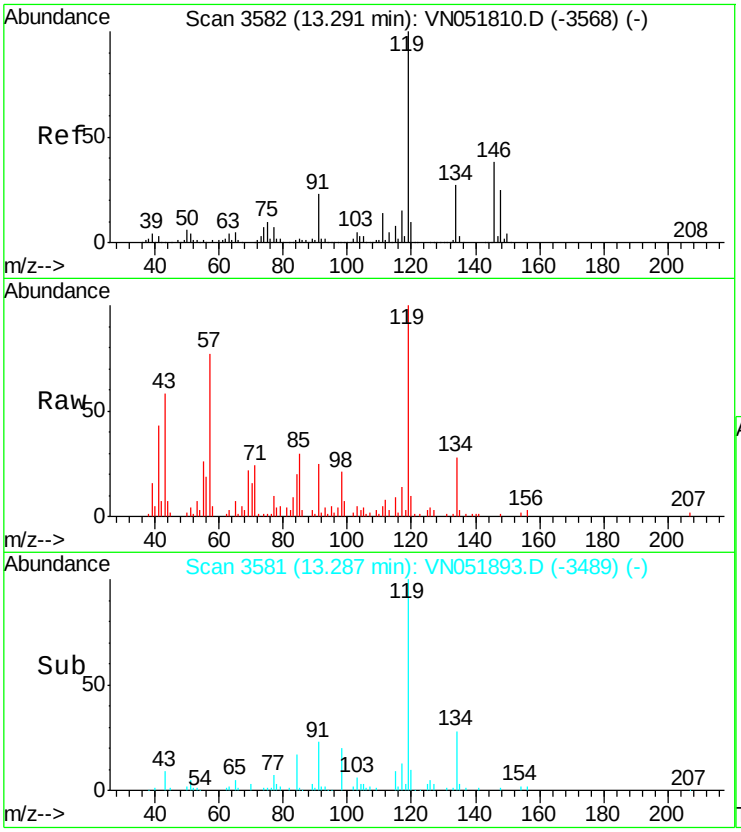


#84
1,2,4-Trimethylbenzene
Concen: 75.49 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN051893.D
Acq: 16 Oct 2018 14:02

Tgt Ion:105 Resp: 2527173

Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.9	68.8

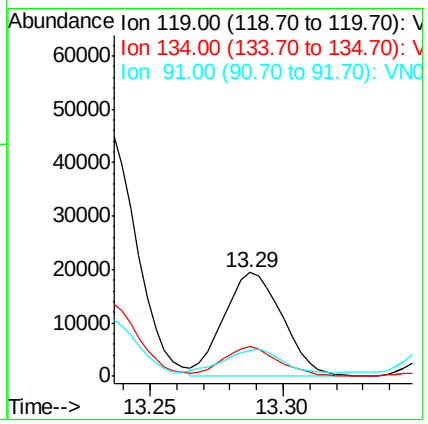




#86
p-Isopropyltoluene
Concen: 0.84 ug/l m
RT: 13.29 min Scan# 3581
Delta R.T. -0.00 min
Lab File: VN051893.D
Acq: 16 Oct 2018 14:02

Tgt Ion:119 Resp: 29927

Ion	Ratio	Lower	Upper
119	100		
134	78.7	13.7	41.0#
91	59.3	11.2	33.5#



Instrument :
MSVOA_N
ClientSampleId :
AOC2-01A

Manual Integrations APPROVED
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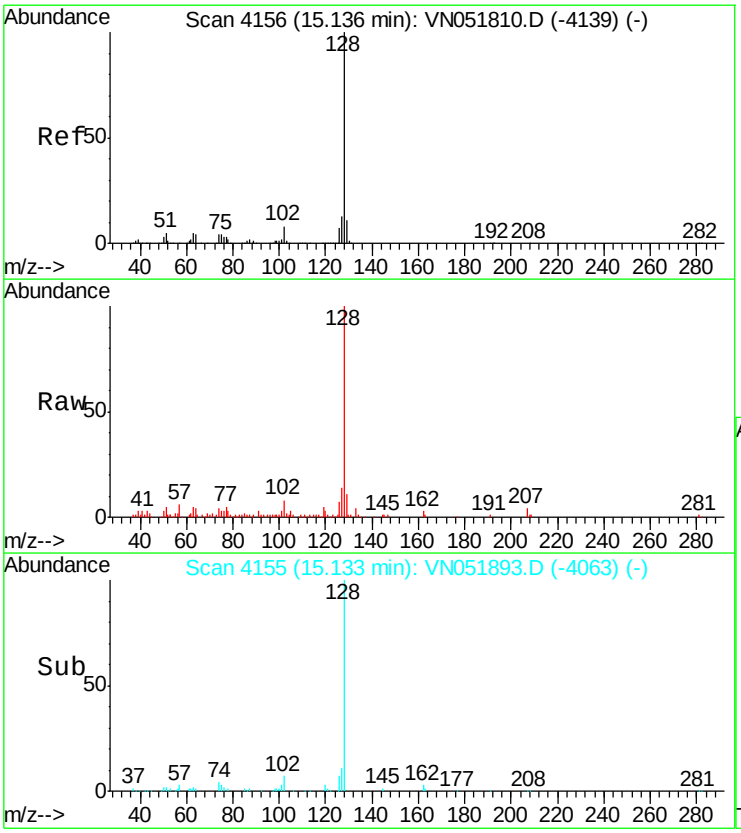

#95
Naphthalene
Concen: 9.81 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN051893.D
Acq: 16 Oct 2018 14:02

Tgt Ion:128 Resp: 117003

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.5	15.7
129	11.5	8.7	13.1