Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062121\
Data File : VN067411.D
Acq On : 21 Jun 2021 12:59
Operator : JC/MD
Sample : M2782-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PILOT-PLANT-PROCESS-BLEED

Manual Integrations APPROVED
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Quant Time: Jun 22 04:51:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 15 05:19:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.088	168	294819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	595297	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	528956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	179093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	290887	50.015	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.040%			
35) Dibromofluoromethane	8.024	113	184377	46.569	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 93.140%			
50) Toluene-d8	10.443	98	780855	51.457	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.920%			
62) 4-Bromofluorobenzene	12.734	95	270707	43.227	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 86.460%			
Target Compounds						Qvalue
16) Acetone	4.293	43	10410	4.664	ug/l	97
18) Methyl Acetate	4.865	43	5906m	1.091	ug/l	
20) Methylene Chloride	5.085	84	9326m	2.008	ug/l	
29) Tetrahydrofuran	7.691	42	84978	42.262	ug/l	100
49) 1,4-Dioxane	9.574	88	41947	529.639	ug/l	96
59) 2-Hexanone	11.092	43	6071	1.134	ug/l	93
74) N-amyl acetate	12.393	43	4506	0.537	ug/l	93
95) Naphthalene	15.509	128	21413	4.473	ug/l	97

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

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PILOT-PLANT-PROCESS-BLEED

Manual Integrations APPROVED
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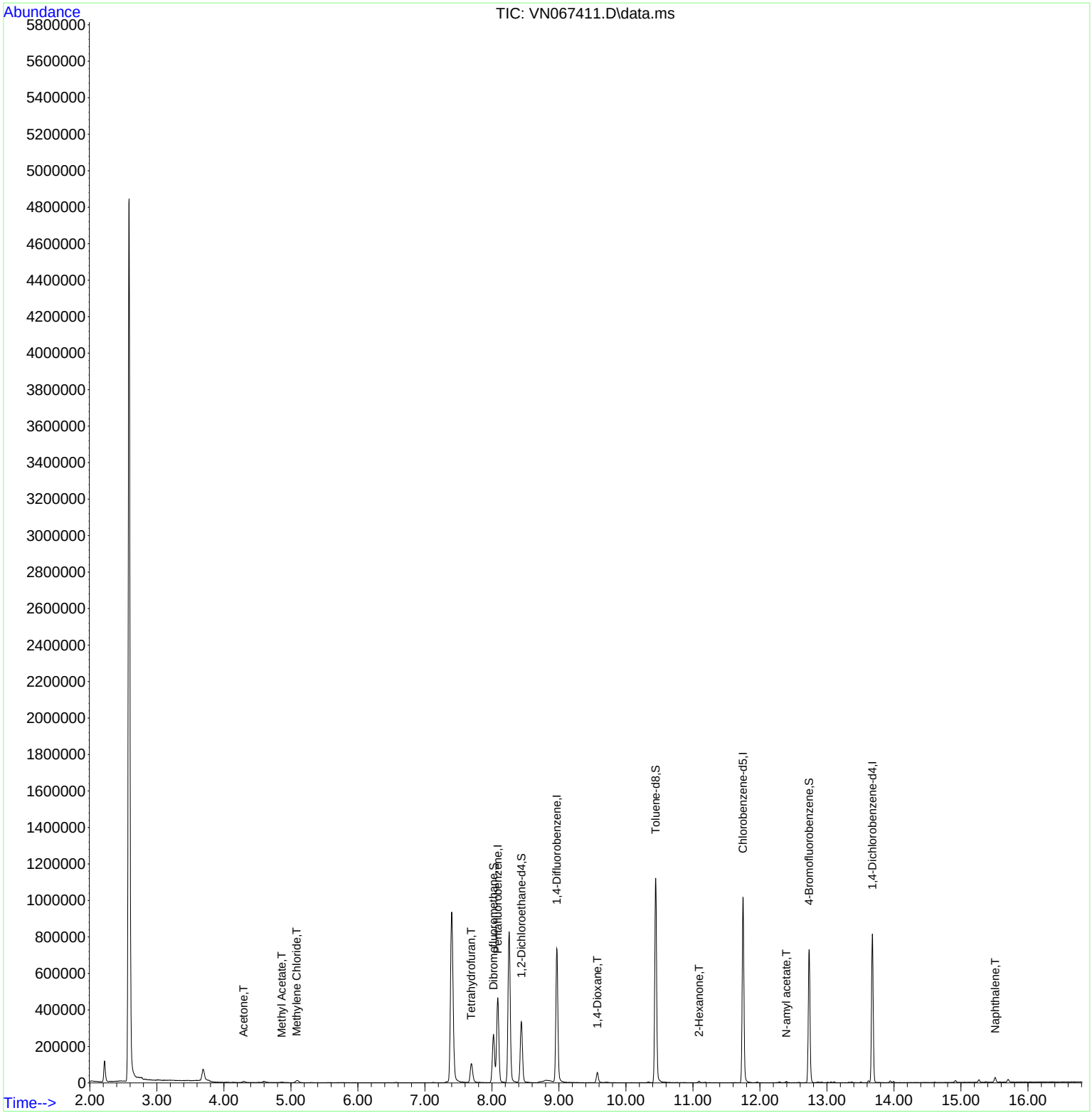
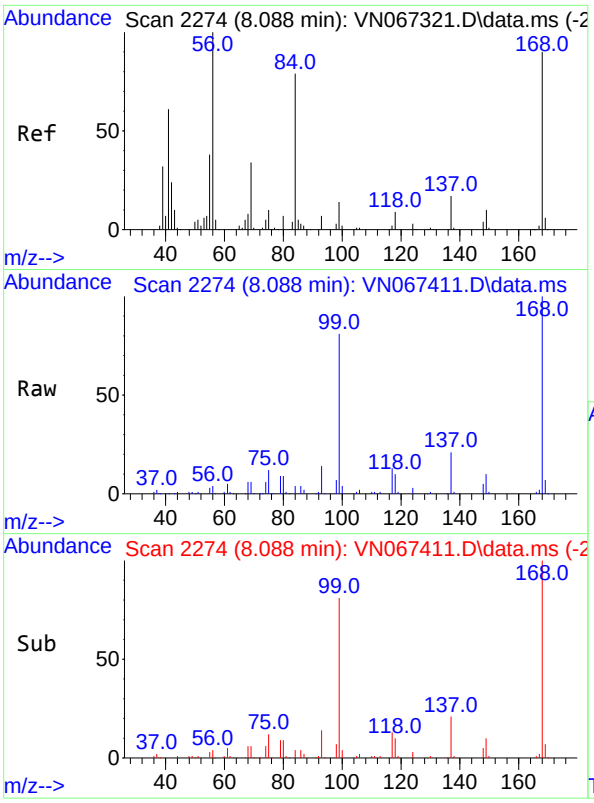
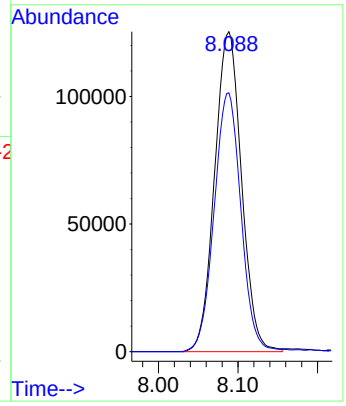




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067411.D
Acq: 21 Jun 2021 12:59

Tgt Ion:168 Resp: 294819

Ion	Ratio	Lower	Upper
168	100		
99	80.9	62.9	94.3



Instrument :
MSVOA_N
ClientSampleId :
PILOT-PLANT-PROCESS-BLEED

Manual Integrations APPROVED
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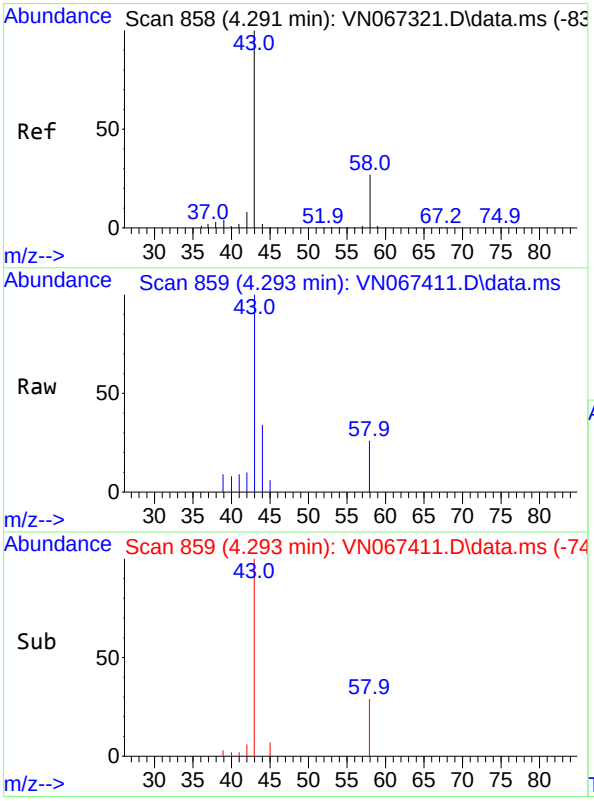
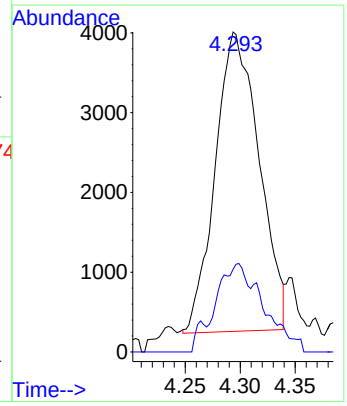
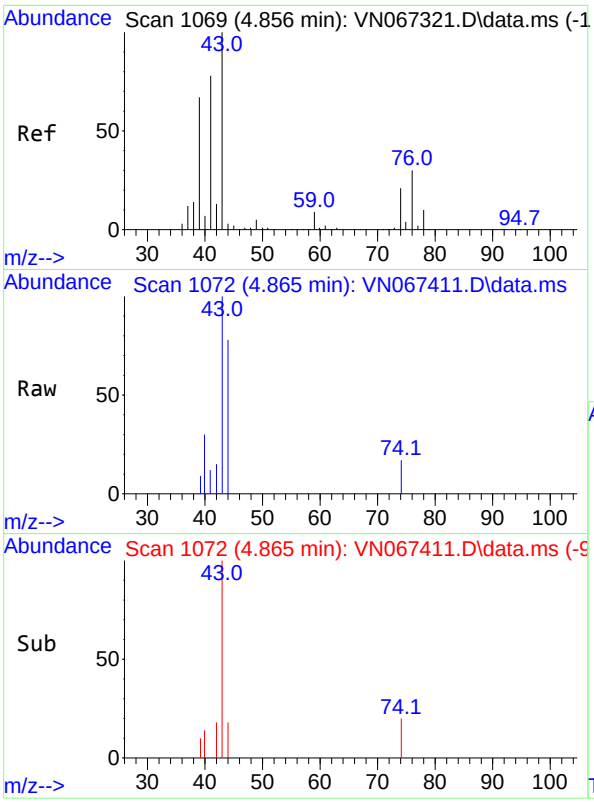


#16
Acetone
Concen: 4.664 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.002 min
Lab File: VN067411.D
Acq: 21 Jun 2021 12:59

Tgt Ion: 43 Resp: 10410

Ion	Ratio	Lower	Upper
43	100		
58	27.8	21.2	31.8

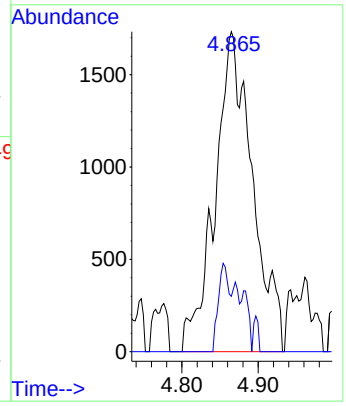




#18
Methyl Acetate
Concen: 1.091 ug/l m
RT: 4.865 min Scan# 1072
Delta R.T. 0.009 min
Lab File: VN067411.D
Acq: 21 Jun 2021 12:59

Tgt Ion: 43 Resp: 5906

Ion	Ratio	Lower	Upper
43	100		
74	8.2	17.4	26.0#



Instrument :
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ClientSampleId :
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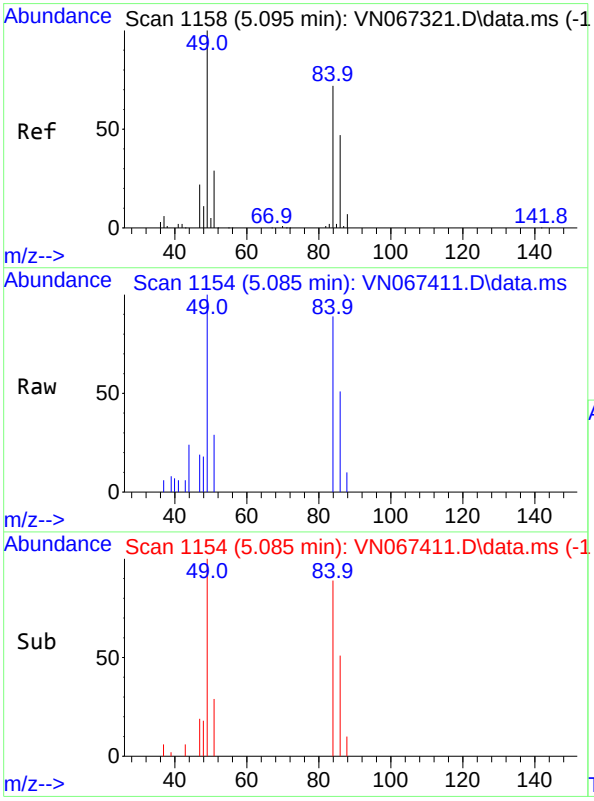
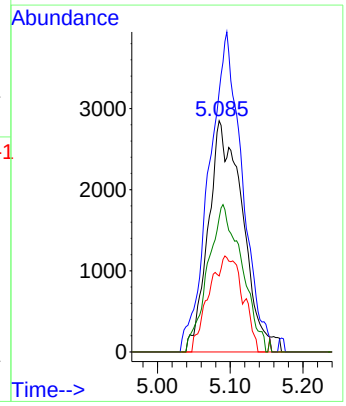
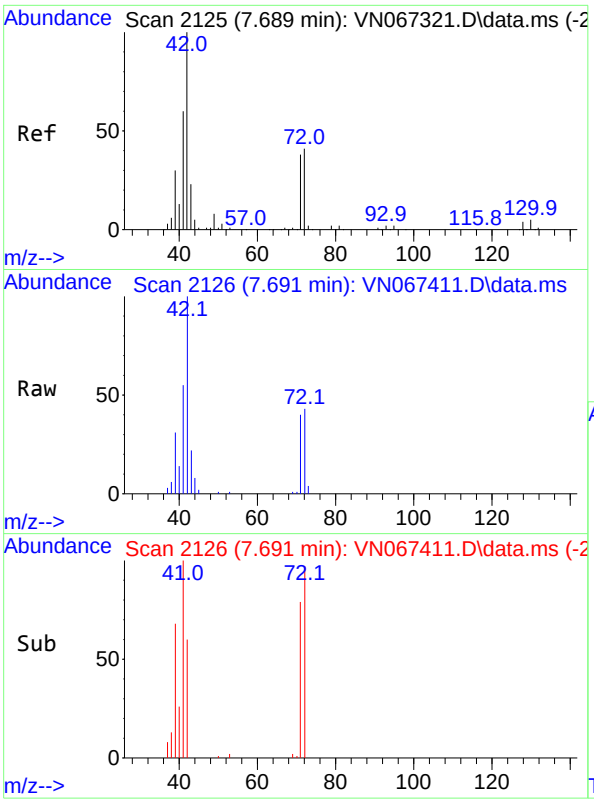


#20
Methylene Chloride
Concen: 2.008 ug/l m
RT: 5.085 min Scan# 1154
Delta R.T. -0.010 min
Lab File: VN067411.D
Acq: 21 Jun 2021 12:59

Tgt Ion: 84 Resp: 9326

Ion	Ratio	Lower	Upper
84	100		
49	112.5	110.9	166.3
51	32.9	32.6	49.0
86	57.9	51.6	77.4

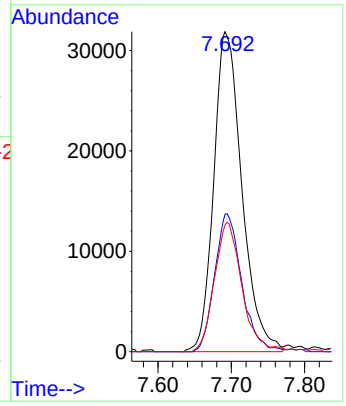




#29
Tetrahydrofuran
Concen: 42.262 ug/l
RT: 7.691 min Scan# 2126
Delta R.T. 0.002 min
Lab File: VN067411.D
Acq: 21 Jun 2021 12:59

Tgt Ion: 42 Resp: 84978

Ion	Ratio	Lower	Upper
42	100		
72	41.4	32.8	49.2
71	38.9	31.2	46.8



Instrument :
MSVOA_N
ClientSampleId :
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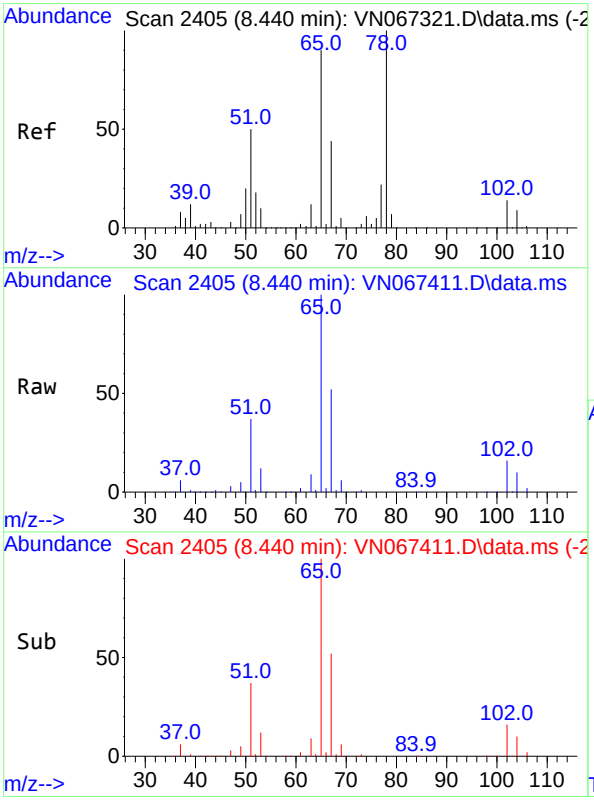
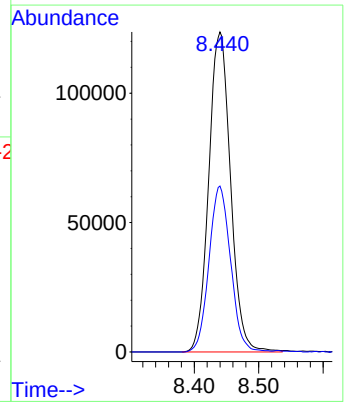
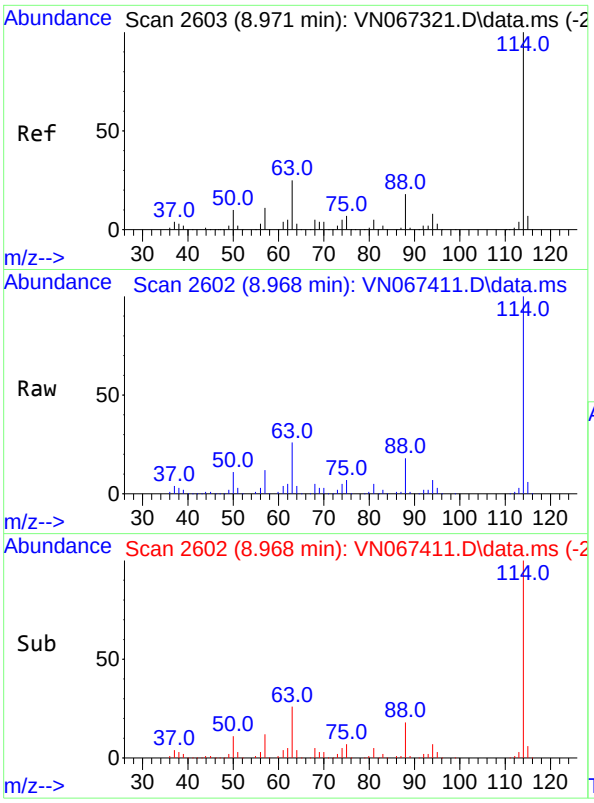


#33
1,2-Dichloroethane-d4
Concen: 50.015 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067411.D
Acq: 21 Jun 2021 12:59

Tgt Ion: 65 Resp: 290887

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	98.6

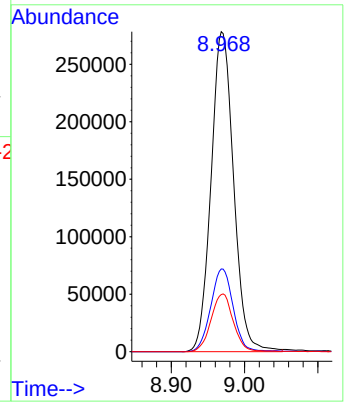




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.002 min
Lab File: VN067411.D
Acq: 21 Jun 2021 12:59

Tgt Ion:114 Resp: 595297

Ion	Ratio	Lower	Upper
114	100		
63	25.9	0.0	49.0
88	17.9	0.0	36.6



Instrument :
MSVOA_N
ClientSampleId :
PILOT-PLANT-PROCESS-BLEED

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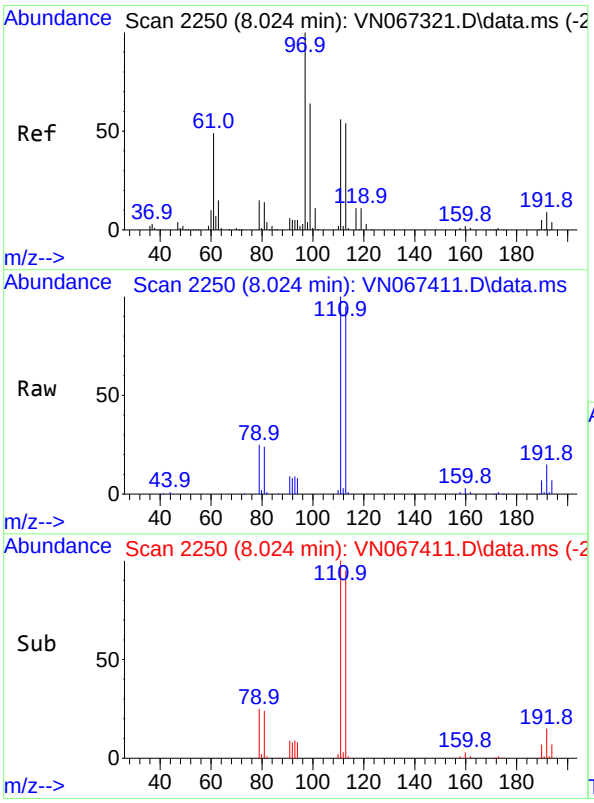
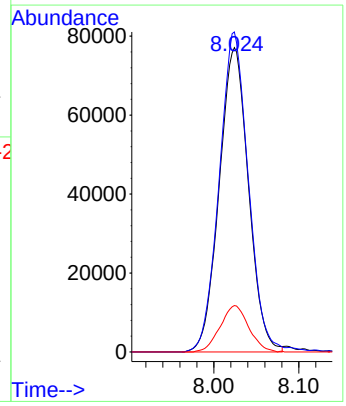
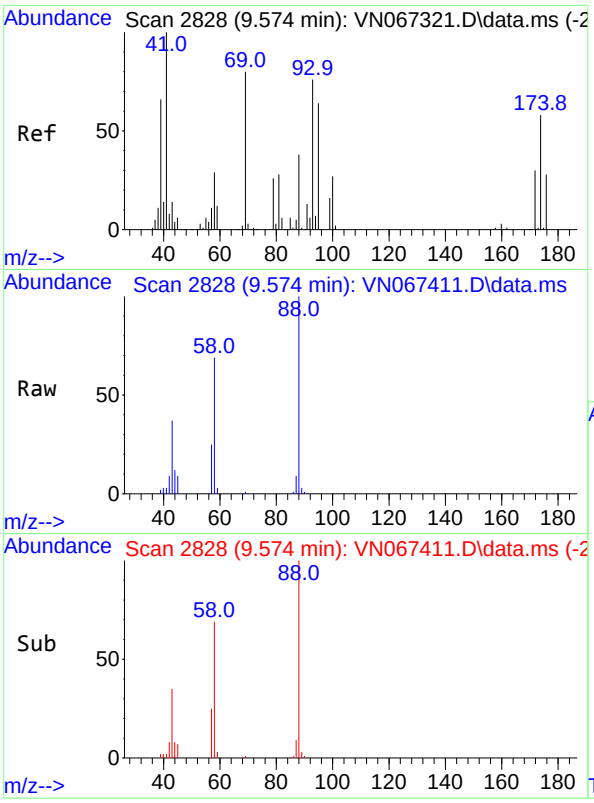


#35
Dibromofluoromethane
Concen: 46.569 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN067411.D
Acq: 21 Jun 2021 12:59

Tgt Ion:113 Resp: 184377

Ion	Ratio	Lower	Upper
113	100		
111	105.1	83.8	125.8
192	14.9	13.4	20.0

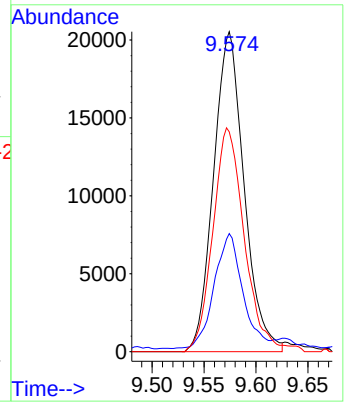




#49
1,4-Dioxane
Concen: 529.639 ug/l
RT: 9.574 min Scan# 2828
Delta R.T. 0.000 min
Lab File: VN067411.D
Acq: 21 Jun 2021 12:59

Tgt Ion: 88 Resp: 41947

Ion	Ratio	Lower	Upper
88	100		
43	33.6	28.8	43.2
58	72.4	60.4	90.6



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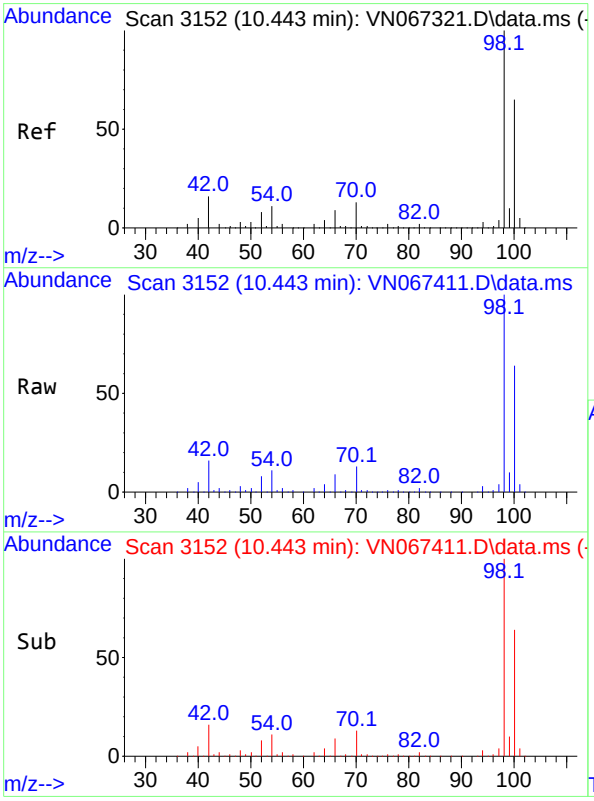
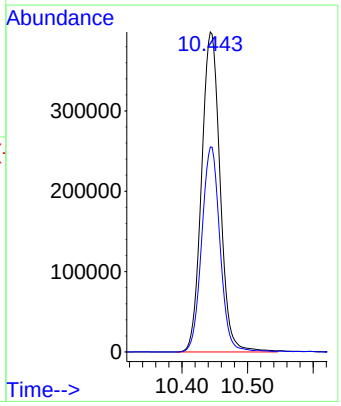
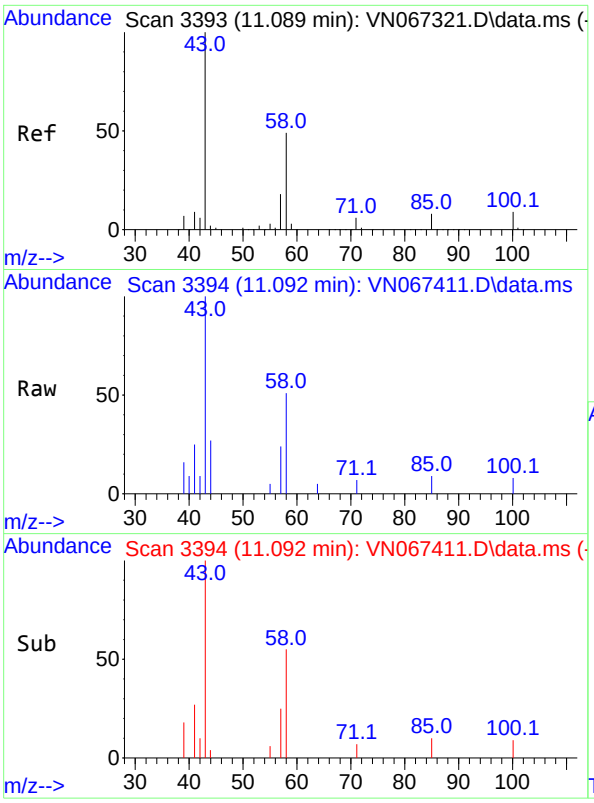


#50
Toluene-d8
Concen: 51.457 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067411.D
Acq: 21 Jun 2021 12:59

Tgt Ion: 98 Resp: 780855

Ion	Ratio	Lower	Upper
98	100		
100	62.9	51.7	77.5

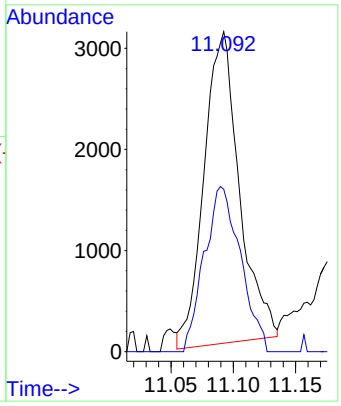




#59
2-Hexanone
Concen: 1.134 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VN067411.D
Acq: 21 Jun 2021 12:59

Tgt Ion: 43 Resp: 6071

Ion	Ratio	Lower	Upper
43	100		
58	54.3	24.7	74.1



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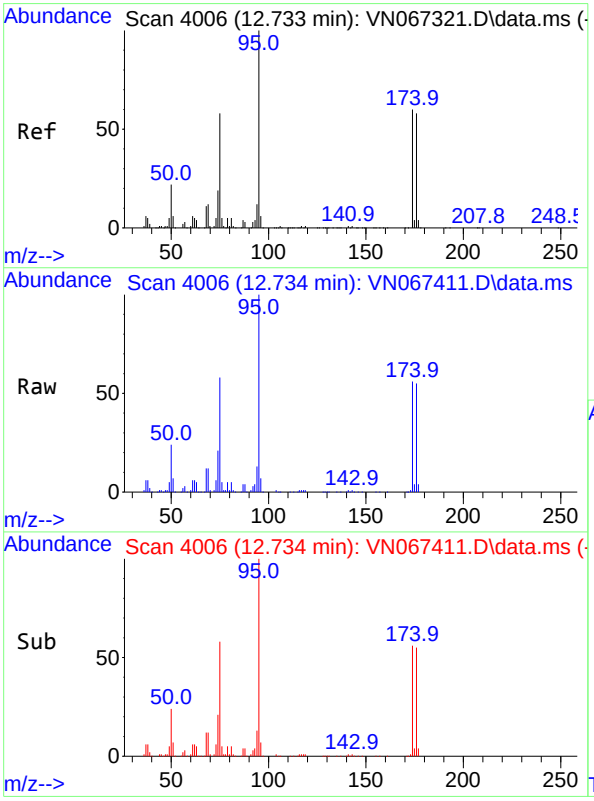
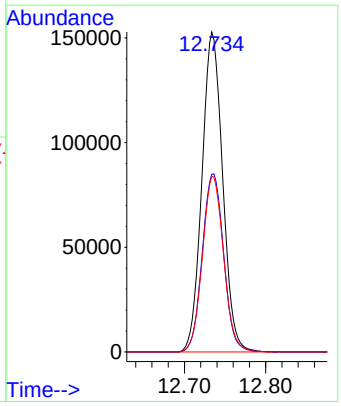
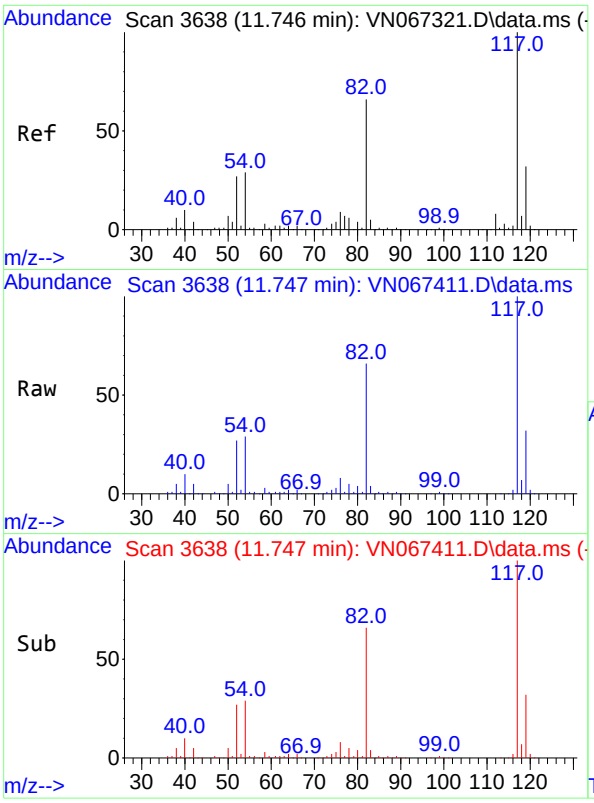


#62
4-Bromofluorobenzene
Concen: 43.227 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067411.D
Acq: 21 Jun 2021 12:59

Tgt Ion: 95 Resp: 270707

Ion	Ratio	Lower	Upper
95	100		
174	57.4	0.0	122.0
176	56.1	0.0	117.6

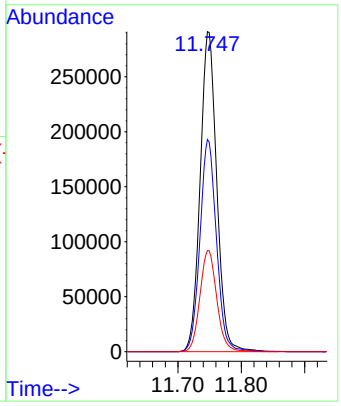


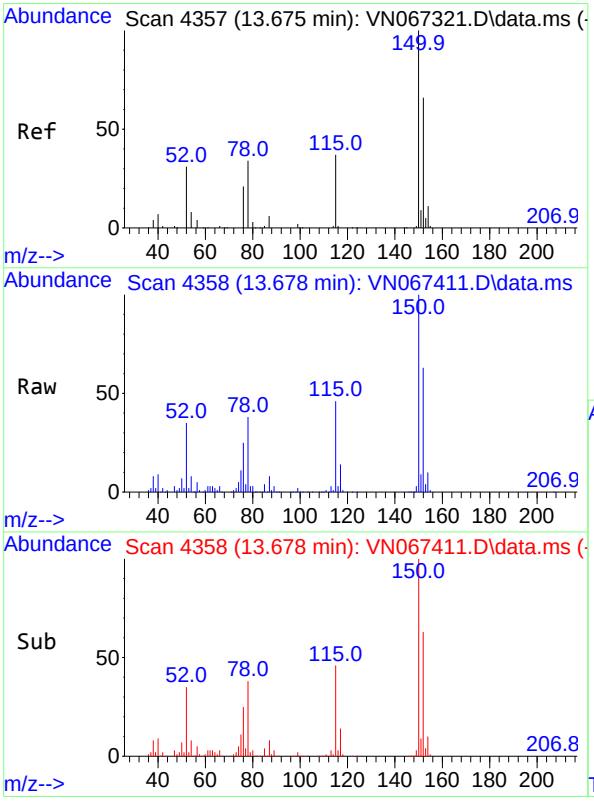


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067411.D
Acq: 21 Jun 2021 12:59

Tgt Ion:117 Resp: 528956

Ion	Ratio	Lower	Upper
117	100		
82	66.3	53.1	79.7
119	31.6	25.5	38.3

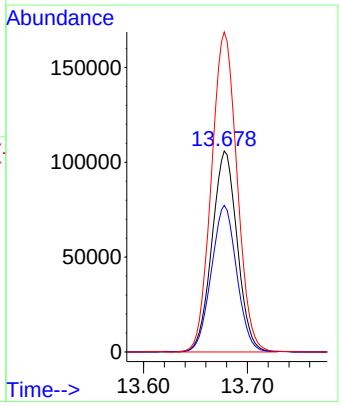




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067411.D
Acq: 21 Jun 2021 12:59

Tgt Ion:152 Resp: 179093

Ion	Ratio	Lower	Upper
152	100		
115	73.7	36.1	108.5
150	161.8	0.0	351.8



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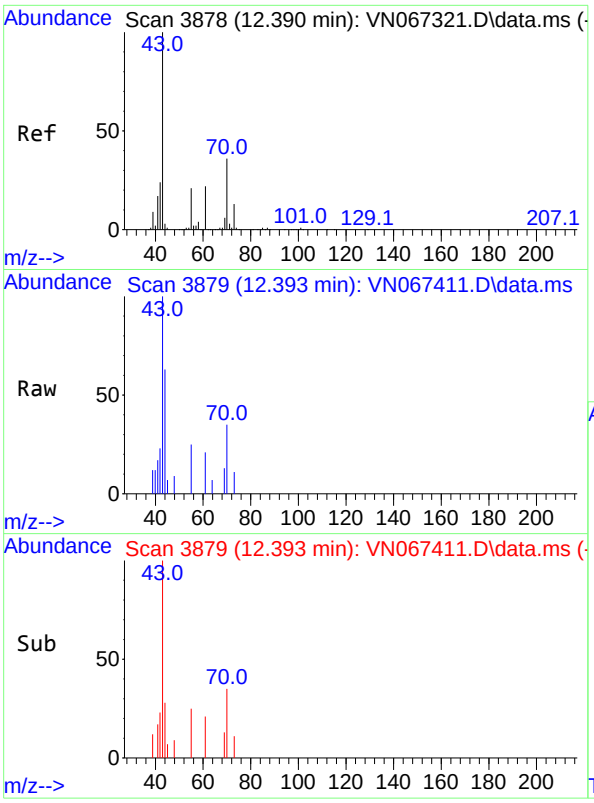
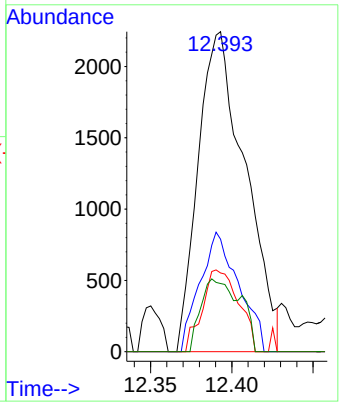
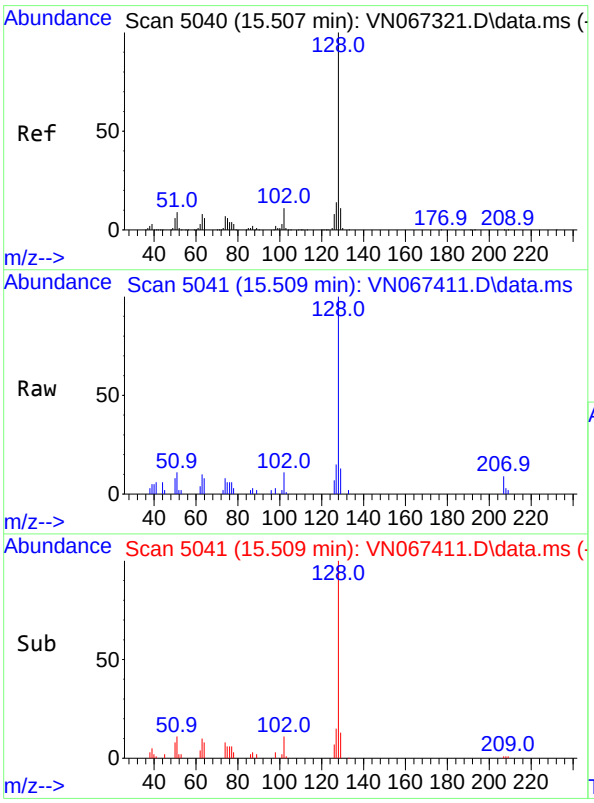


#74
N-amyl acetate
Concen: 0.537 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.003 min
Lab File: VN067411.D
Acq: 21 Jun 2021 12:59

Tgt Ion: 43 Resp: 4506

Ion	Ratio	Lower	Upper
43	100		
70	30.9	29.4	44.2
55	19.8	17.0	25.4
61	19.1	17.6	26.4

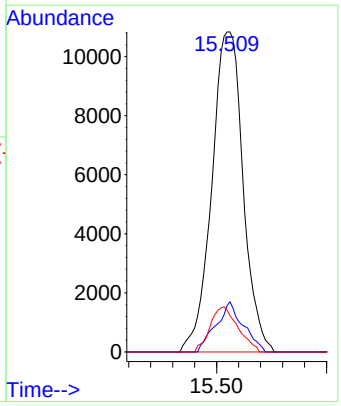




#95
Naphthalene
Concen: 4.473 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN067411.D
Acq: 21 Jun 2021 12:59

Tgt Ion:128 Resp: 21413

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	15.8
129	12.6	8.6	12.8



Instrument :
MSVOA_N
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Manual Integrations APPROVED
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