Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
Data File : VN075721.D
Acq On : 12 Dec 2022 18:29
Operator : JC\MD
Sample : N5978-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 13 01:34:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 12 07:54:35 2022
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-05

Manual Integrations APPROVED

Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	239794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	367689	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	327302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	141134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	122672	48.215	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.420%			
35) Dibromofluoromethane	8.171	113	111002	49.481	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.960%			
50) Toluene-d8	10.571	98	434019	51.518	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.040%			
62) 4-Bromofluorobenzene	12.853	95	135836	47.158	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.320%			
Target Compounds						Qvalue
16) Acetone	4.454	43	1770m	2.054	ug/l	
19) Methyl tert-butyl Ether	5.806	73	11556	1.672	ug/l #	88
52) Toluene	10.636	92	1665	0.276	ug/l	99

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

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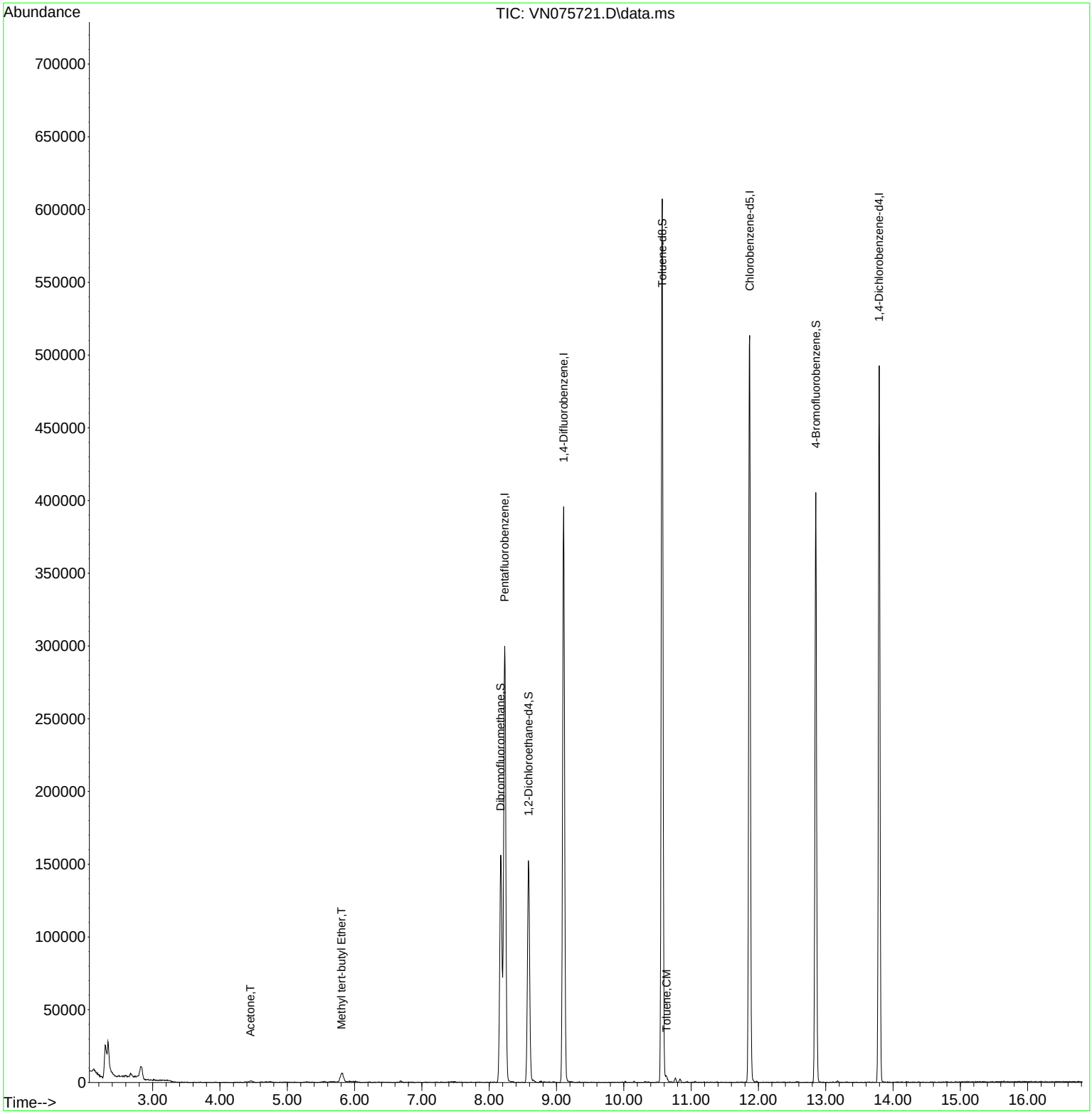
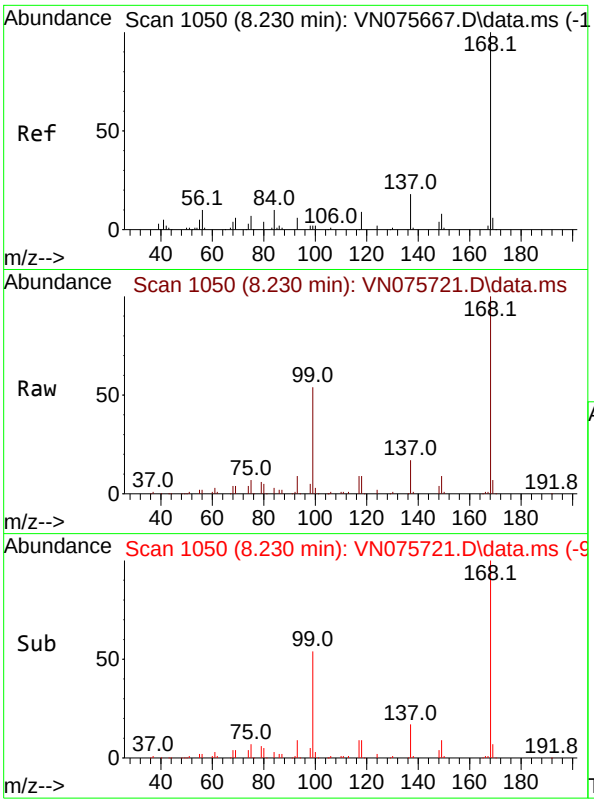
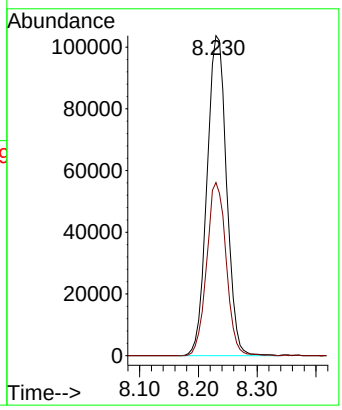




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075721.D
Acq: 12 Dec 2022 18:29

Tgt Ion:168 Resp: 23979

Ion	Ratio	Lower	Upper
168	100		
99	54.1	41.2	61.8



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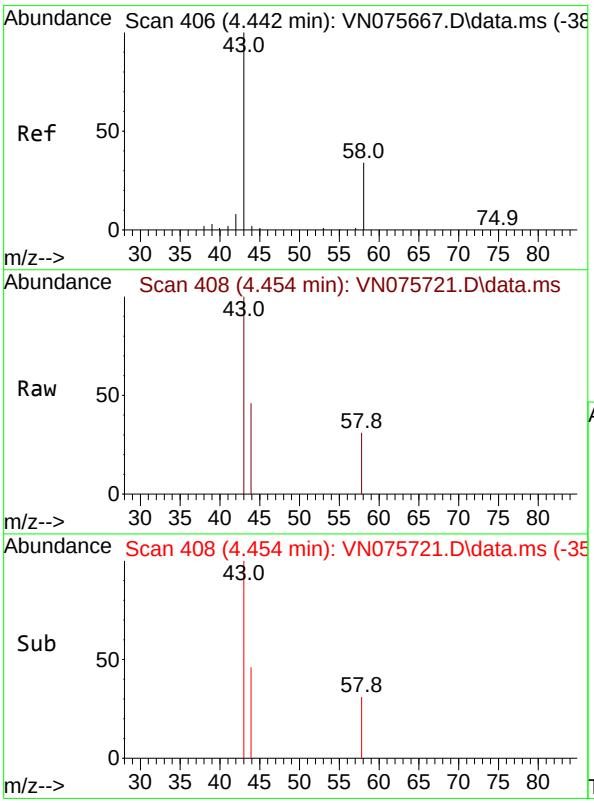
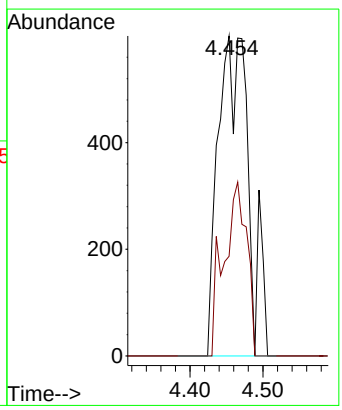
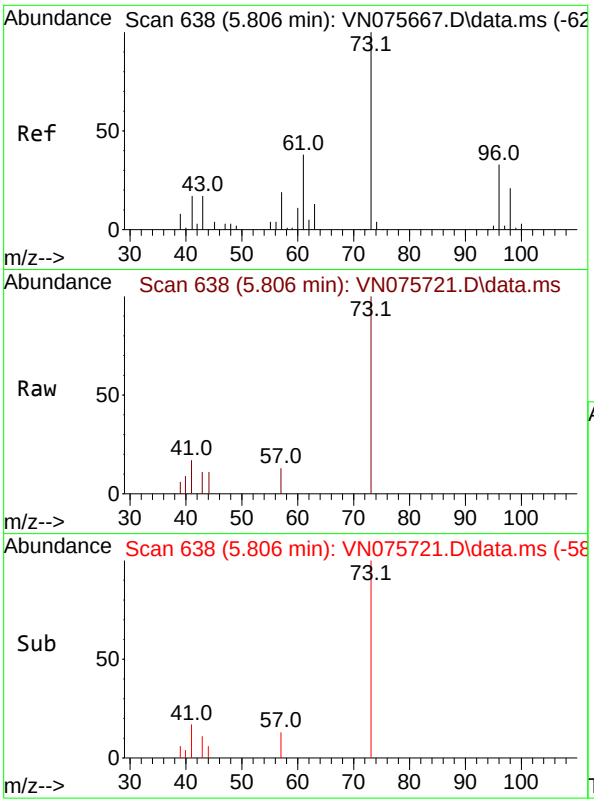


#16
Acetone
Concen: 2.054 ug/l m
RT: 4.454 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN075721.D
Acq: 12 Dec 2022 18:29

Tgt Ion: 43 Resp: 1770

Ion	Ratio	Lower	Upper
43	100		
58	31.2	27.0	40.4





#19
Methyl tert-butyl Ether
Concen: 1.672 ug/l
RT: 5.806 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN075721.D
Acq: 12 Dec 2022 18:29

Tgt Ion: 73 Resp: 1155

Ion	Ratio	Lower	Upper
73	100		
57	13.3	15.1	22.7#

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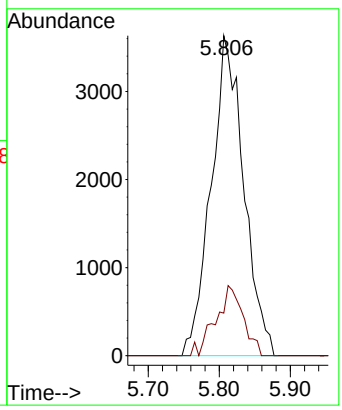
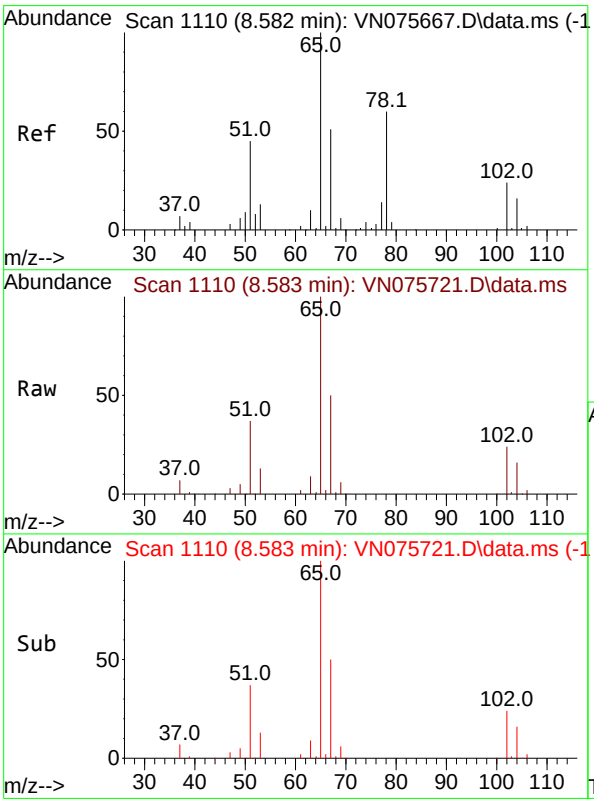
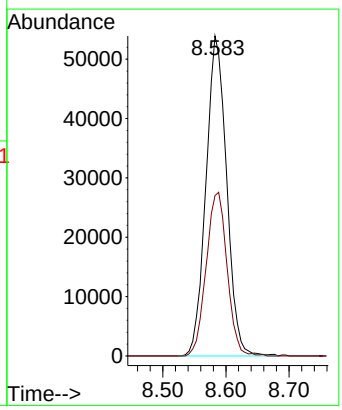


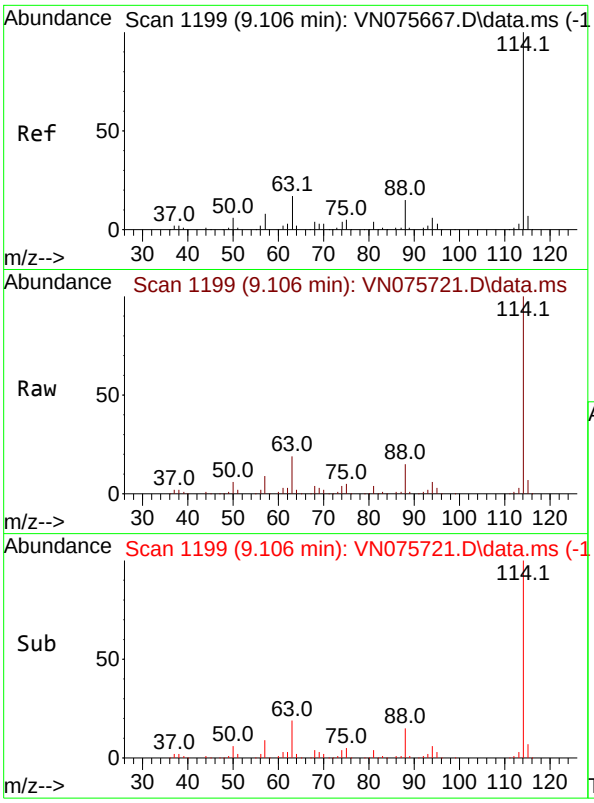


#33
1,2-Dichloroethane-d4
Concen: 48.215 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075721.D
Acq: 12 Dec 2022 18:29

Tgt Ion: 65 Resp: 122672

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.2





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN075721.D
Acq: 12 Dec 2022 18:29

Tgt Ion:114 Resp: 36768

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	34.4
88	14.6	0.0	29.2

Instrument :
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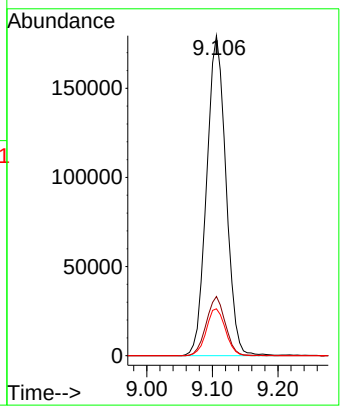
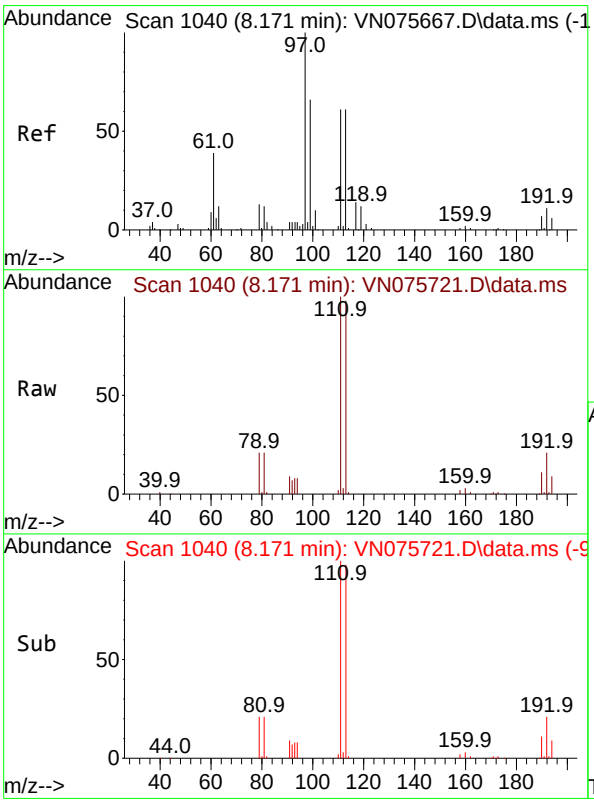
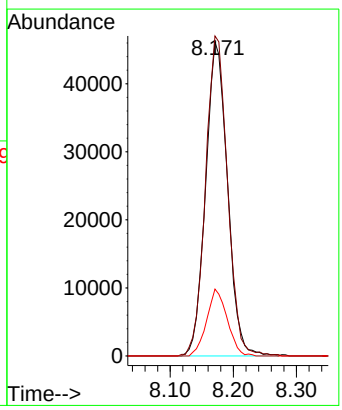


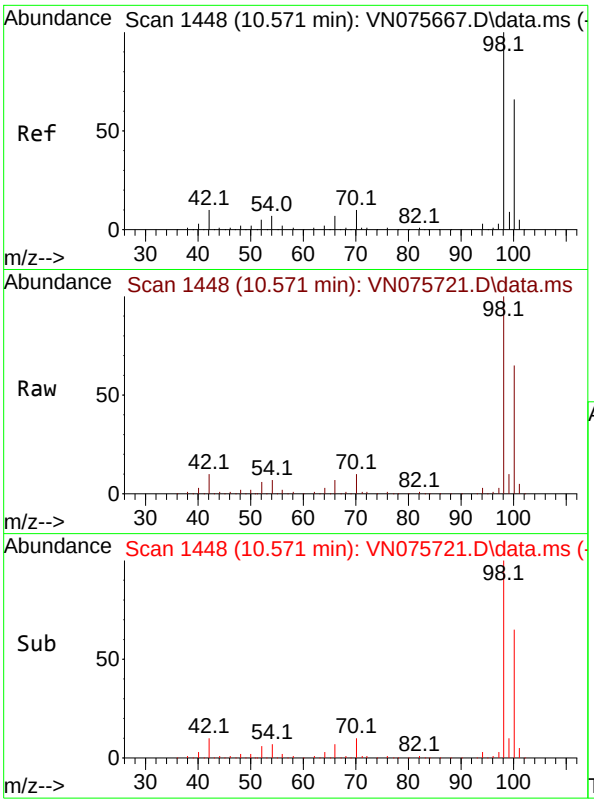


#35
Dibromofluoromethane
Concen: 49.481 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075721.D
Acq: 12 Dec 2022 18:29

Tgt Ion:113 Resp: 111002

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.0	121.6
192	20.0	16.2	24.2





#50
Toluene-d8
Concen: 51.518 ug/l
RT: 10.571 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN075721.D
Acq: 12 Dec 2022 18:29

Tgt Ion: 98 Resp: 434019

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.6	78.8

Instrument :
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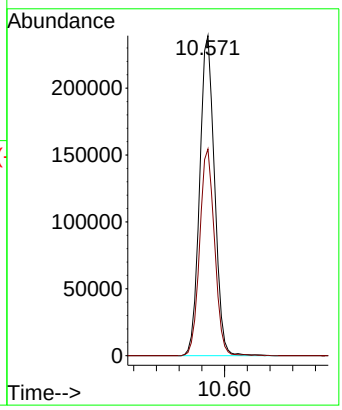
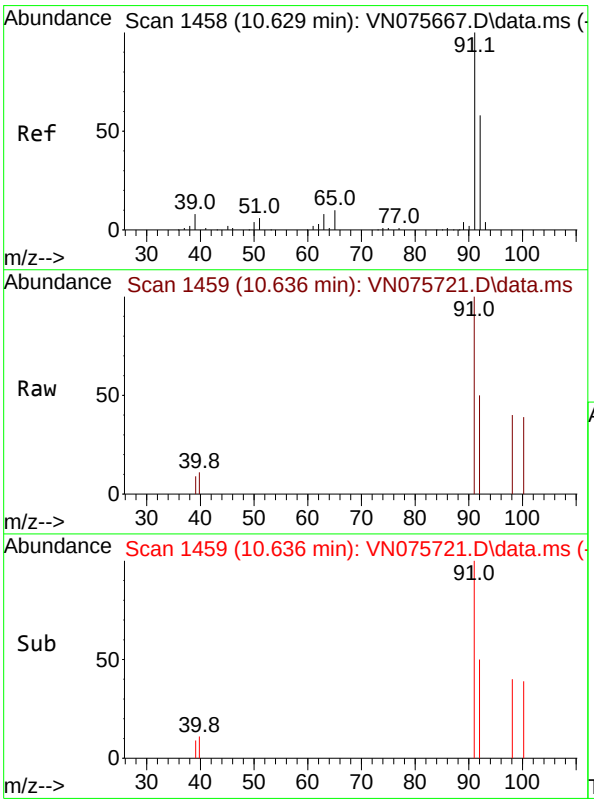
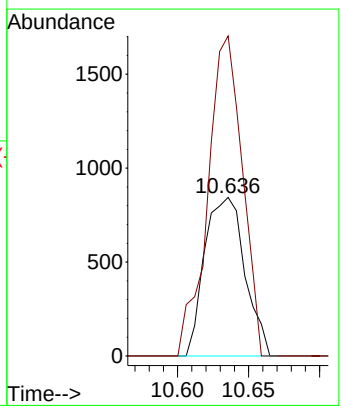


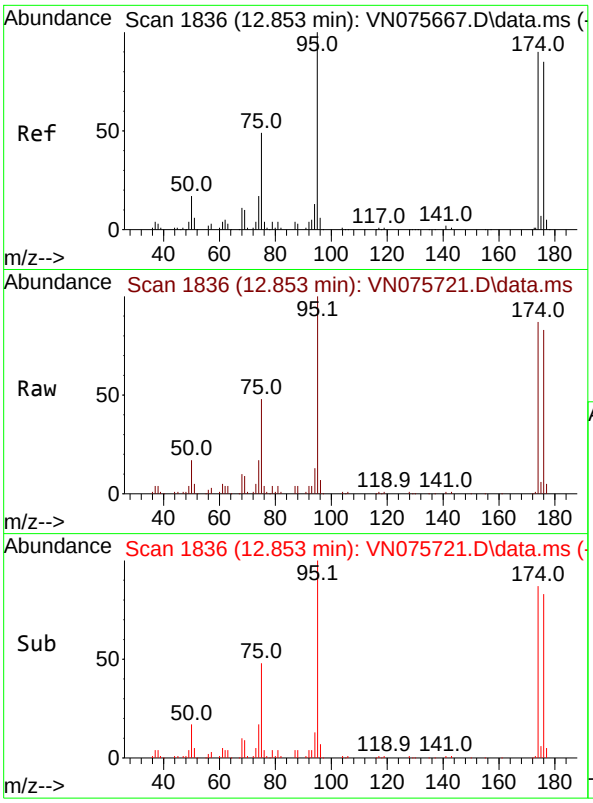


#52
Toluene
Concen: 0.276 ug/l
RT: 10.636 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN075721.D
Acq: 12 Dec 2022 18:29

Tgt Ion: 92 Resp: 1665

Ion	Ratio	Lower	Upper
92	100		
91	173.3	137.9	206.9

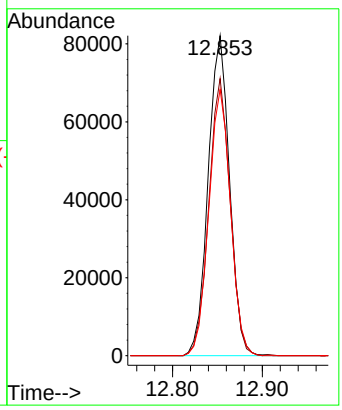




#62
4-Bromofluorobenzene
Concen: 47.158 ug/l
RT: 12.853 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN075721.D
Acq: 12 Dec 2022 18:29

Tgt Ion: 95 Resp: 13583

Ion	Ratio	Lower	Upper
95	100		
174	86.2	0.0	178.6
176	84.4	0.0	170.8



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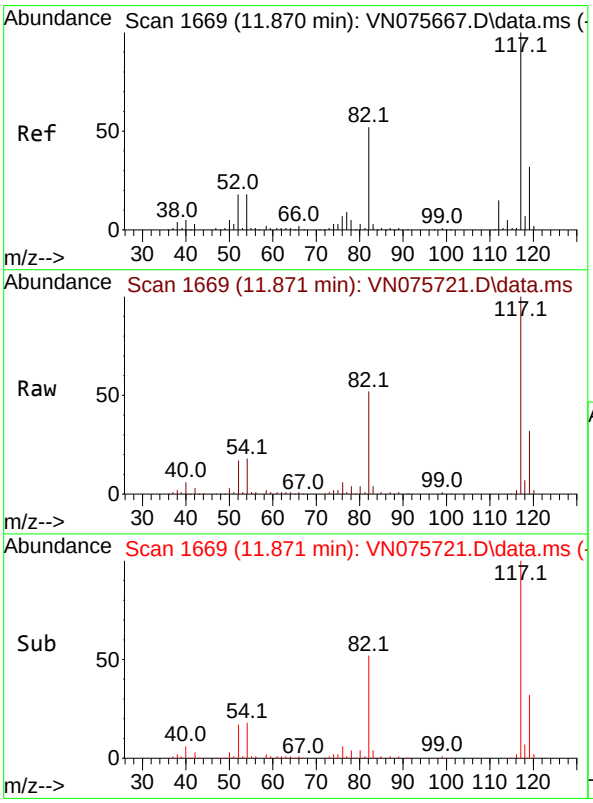
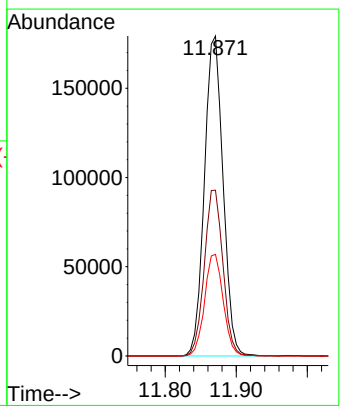
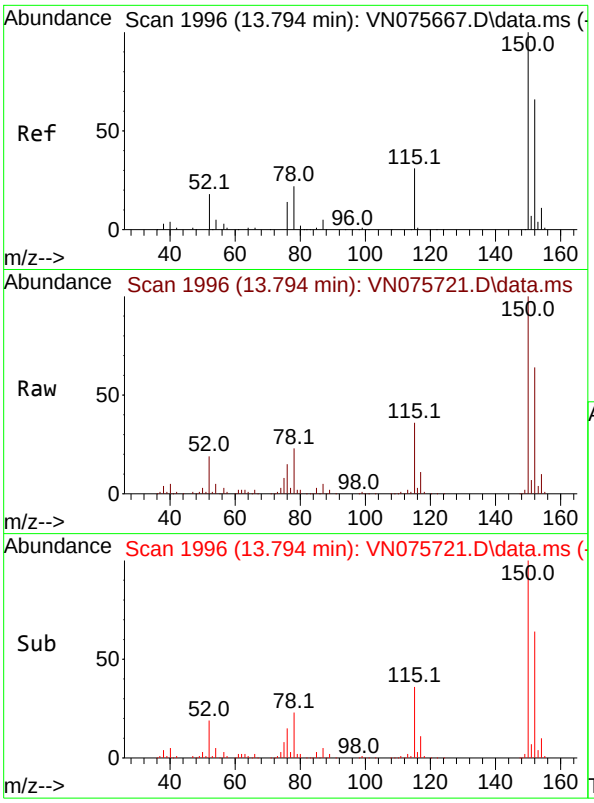


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN075721.D
Acq: 12 Dec 2022 18:29

Tgt Ion:117 Resp: 327302

Ion	Ratio	Lower	Upper
117	100		
82	51.8	41.8	62.8
119	31.8	25.8	38.6

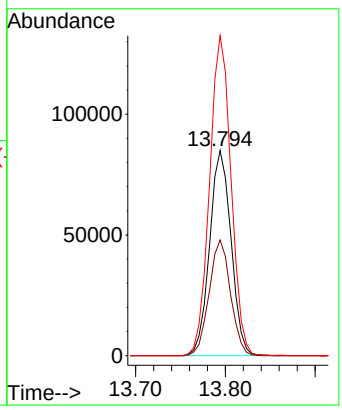




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN075721.D
Acq: 12 Dec 2022 18:29

Tgt Ion:152 Resp: 14113

Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.4	85.2
150	155.8	0.0	347.6



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