Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041522\
Data File : VN072011.D
Acq On : 15 Apr 2022 19:14
Operator : JC\MD
Sample : N2433-01 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 15 23:29:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 24 12:03:44 2022
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/18/2022
Supervised By :Semsettin Yesilyurt 04/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.657	128	94858	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	8.963	114	520534	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.739	117	462610	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.434	65	192158	28.752	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 95.833%				
60) 4-Bromofluorobenzene	12.727	95	178552	26.030	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 86.767%				
63) Toluene-d8	10.439	98	615464	29.308	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 97.700%				
Target Compounds							Qvalue
15) Acetone	4.281	58	2718493	2693.037	ug/l		74
18) Methylene Chloride	5.093	84	13991	2.122	ug/l		86
20) Diisopropyl ether	6.481	45	12660m	0.679	ug/l		
25) Chloroform	7.810	83	6746	0.596	ug/l		100
30) 2-Butanone	7.340	43	38183	8.142	ug/l	#	80

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

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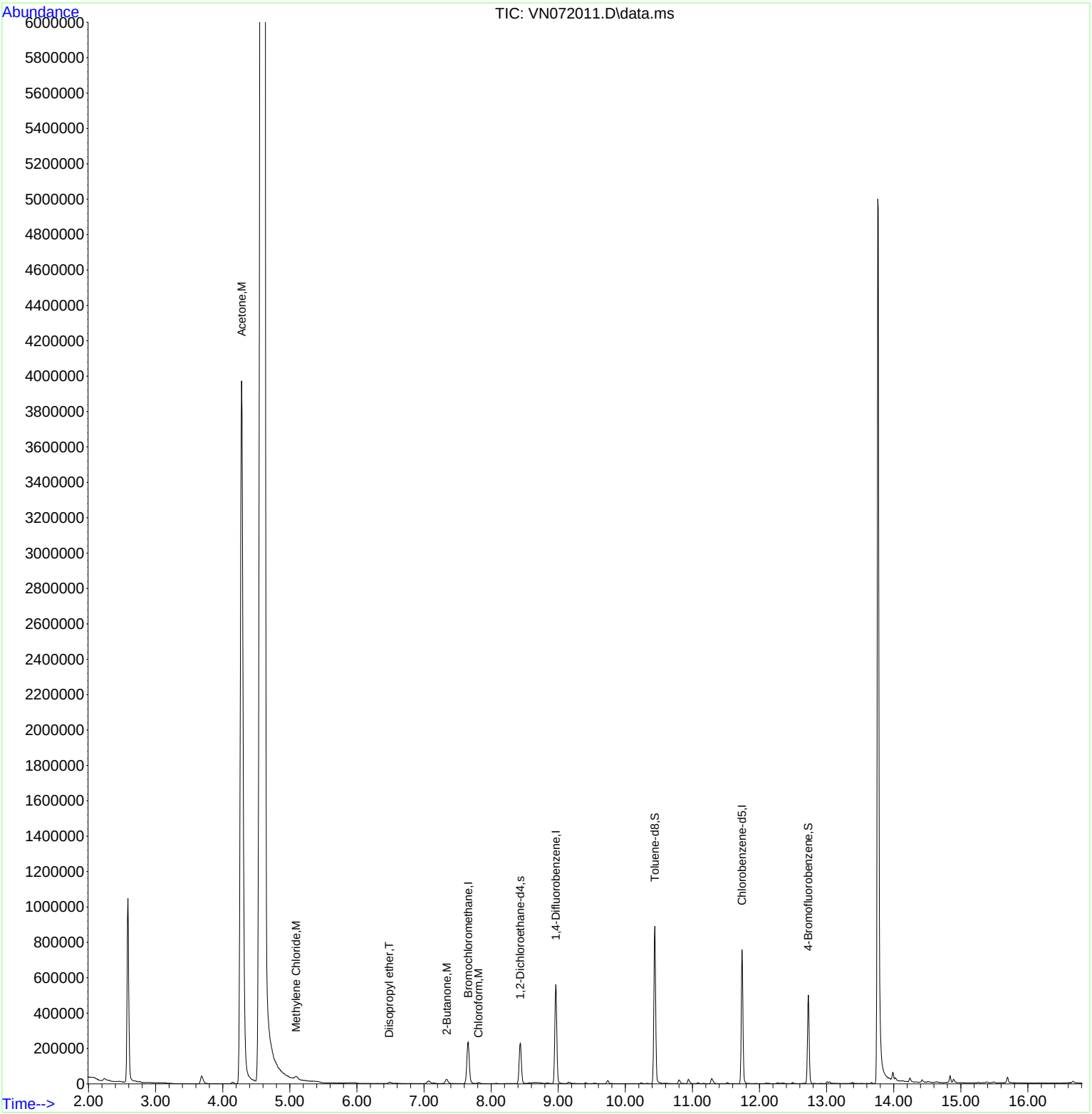

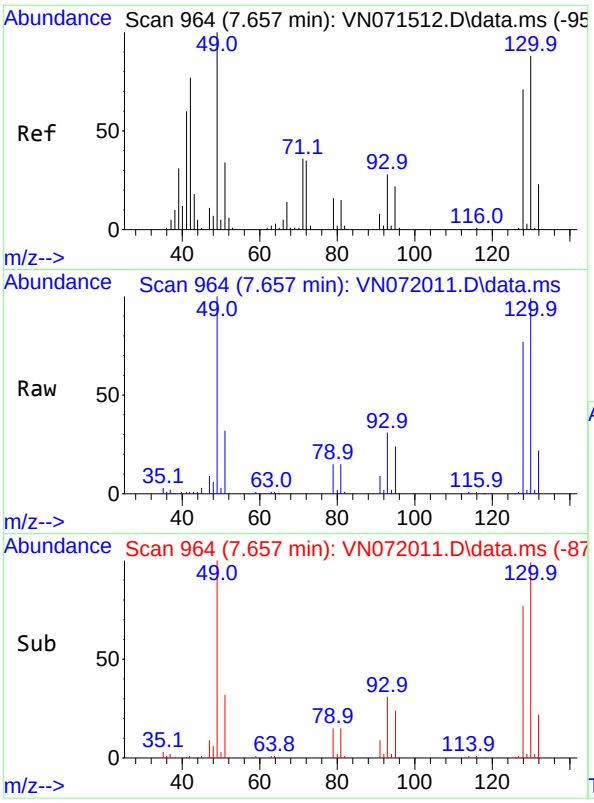

#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 9(
Delta R.T. 0.000 min
Lab File: VN072011.D
Acq: 15 Apr 2022 19:14

Tgt Ion:128 Resp: 9485

Ion	Ratio	Lower	Upper
128	100		
49	136.2	0.0	392.3
130	130.4	0.0	320.2

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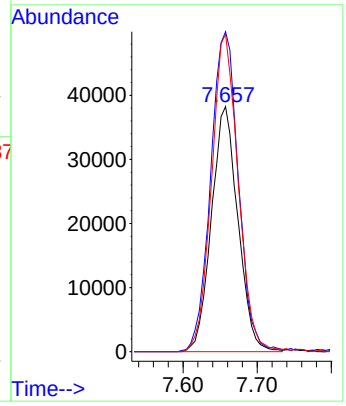
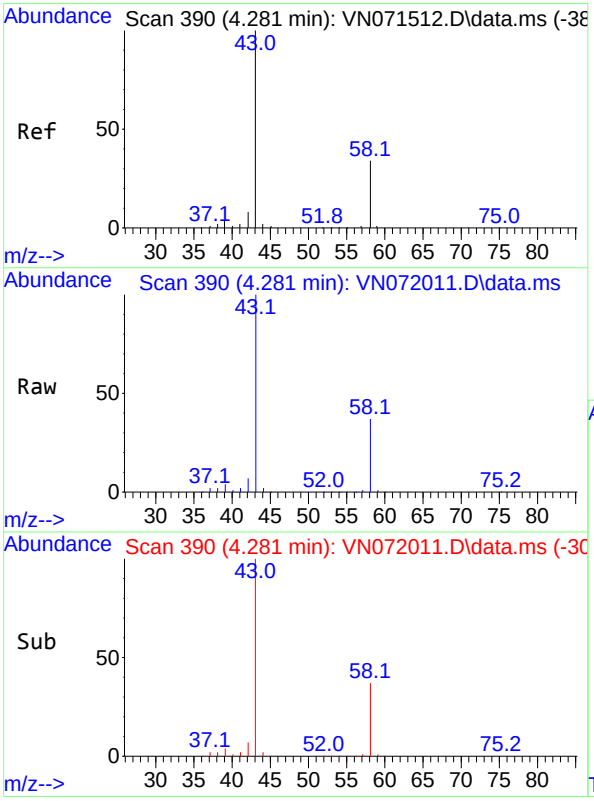
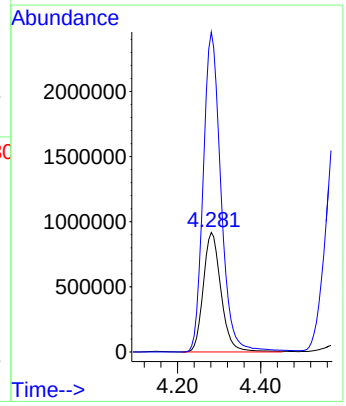


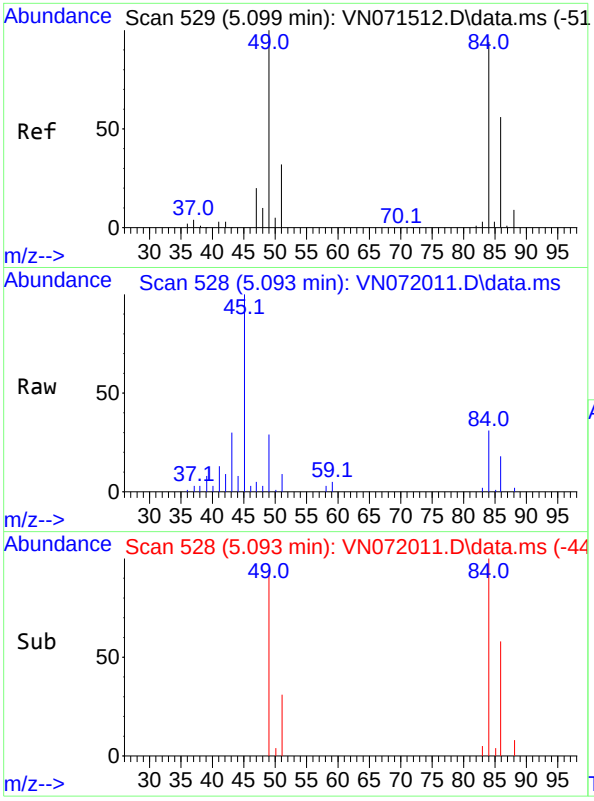


#15
Acetone
Concen: 2693.037 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN072011.D
Acq: 15 Apr 2022 19:14

Tgt Ion: 58 Resp: 2718493

Ion	Ratio	Lower	Upper
58	100		
43	267.6	256.6	384.8

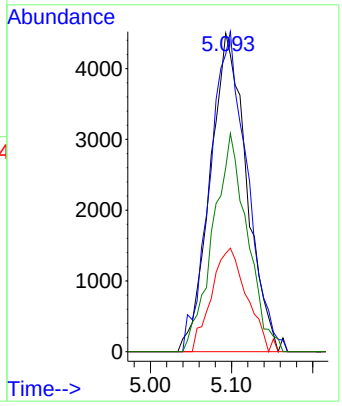




#18
Methylene Chloride
Concen: 2.122 ug/l
RT: 5.093 min Scan# 5
Delta R.T. -0.006 min
Lab File: VN072011.D
Acq: 15 Apr 2022 19:14

Tgt Ion: 84 Resp: 1399

Ion	Ratio	Lower	Upper
84	100		
49	93.4	91.4	137.0
51	30.8	29.4	44.0
86	57.8	51.1	76.7



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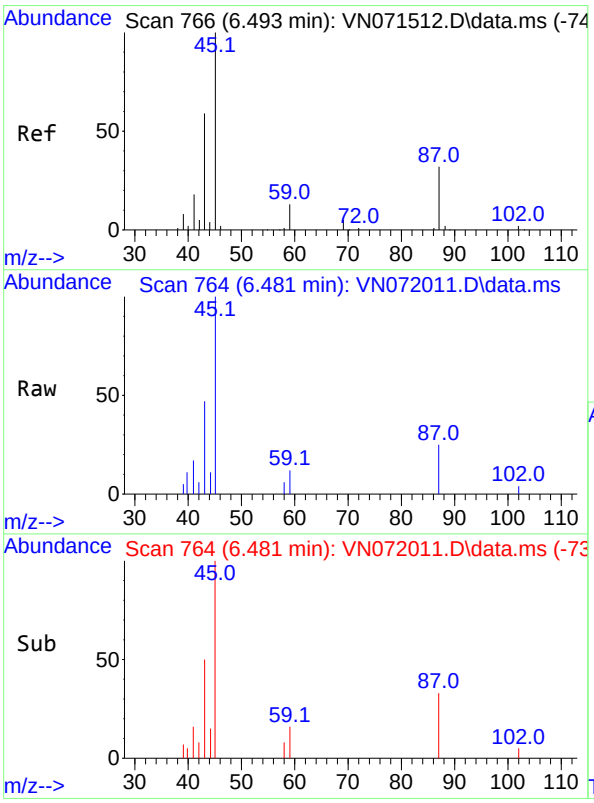
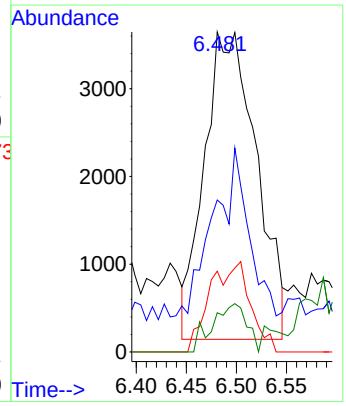
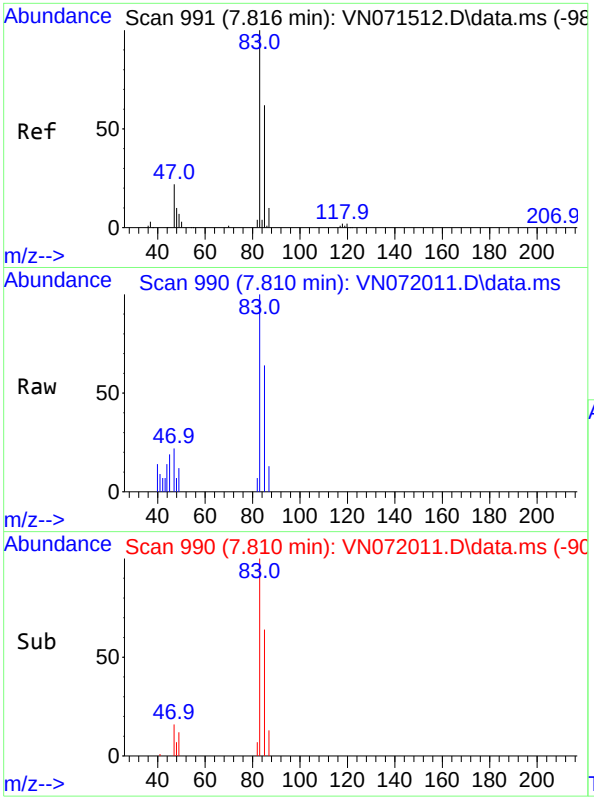


#20
Diisopropyl ether
Concen: 0.679 ug/l m
RT: 6.481 min Scan# 764
Delta R.T. -0.012 min
Lab File: VN072011.D
Acq: 15 Apr 2022 19:14

Tgt Ion: 45 Resp: 12660

Ion	Ratio	Lower	Upper
45	100		
43	47.5	51.0	76.4#
87	25.3	25.0	37.4
59	12.3	8.7	13.1





#25
Chloroform
Concen: 0.596 ug/l
RT: 7.810 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN072011.D
Acq: 15 Apr 2022 19:14

Tgt Ion: 83 Resp: 674

Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.3	76.9

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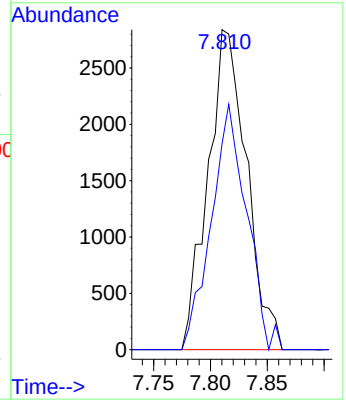
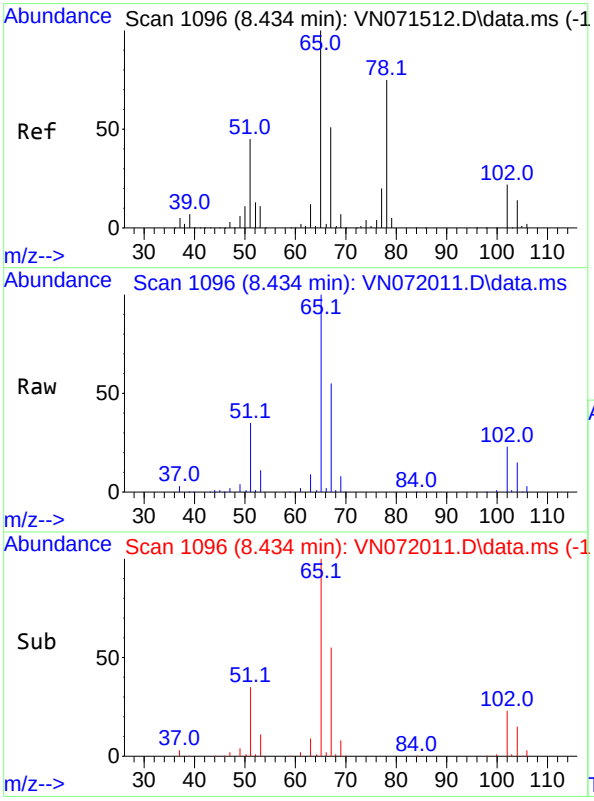
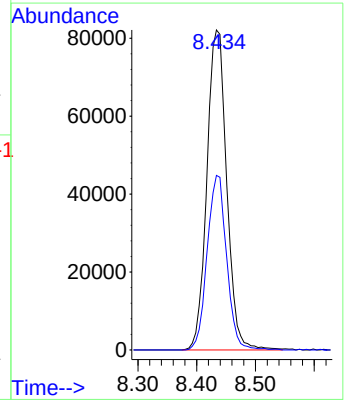


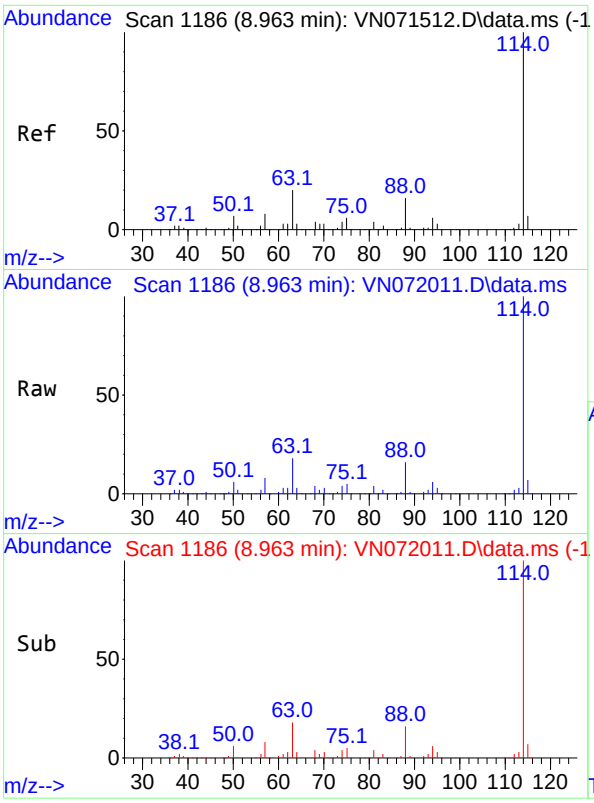


#27
1,2-Dichloroethane-d4
Concen: 28.752 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072011.D
Acq: 15 Apr 2022 19:14

Tgt Ion: 65 Resp: 192158

Ion	Ratio	Lower	Upper
65	100		
67	53.3	40.2	60.2





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072011.D
Acq: 15 Apr 2022 19:14

Tgt Ion:114 Resp: 52053

Ion	Ratio	Lower	Upper
114	100		
63	18.3	15.8	23.6
88	15.3	11.6	17.4

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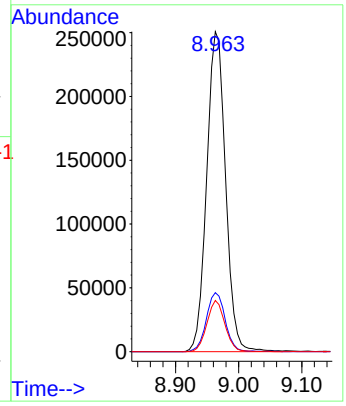
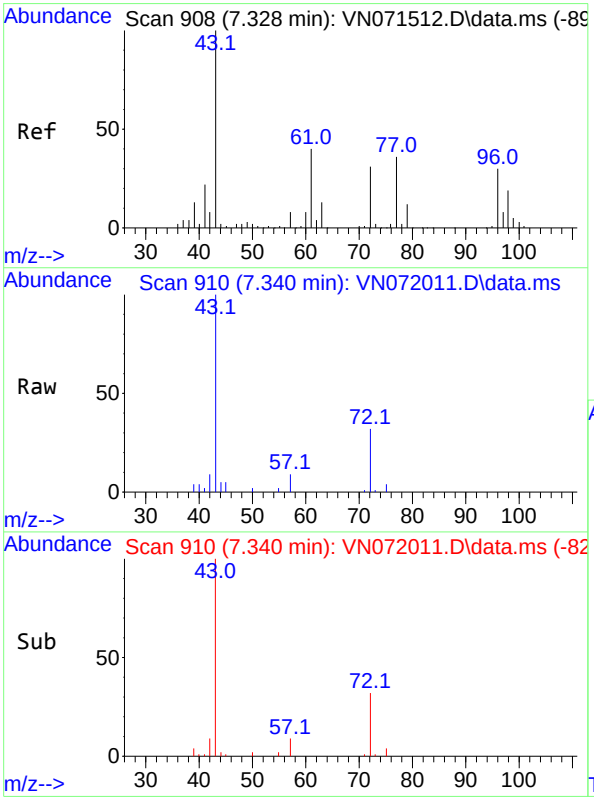
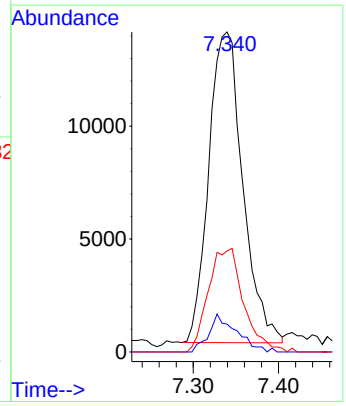


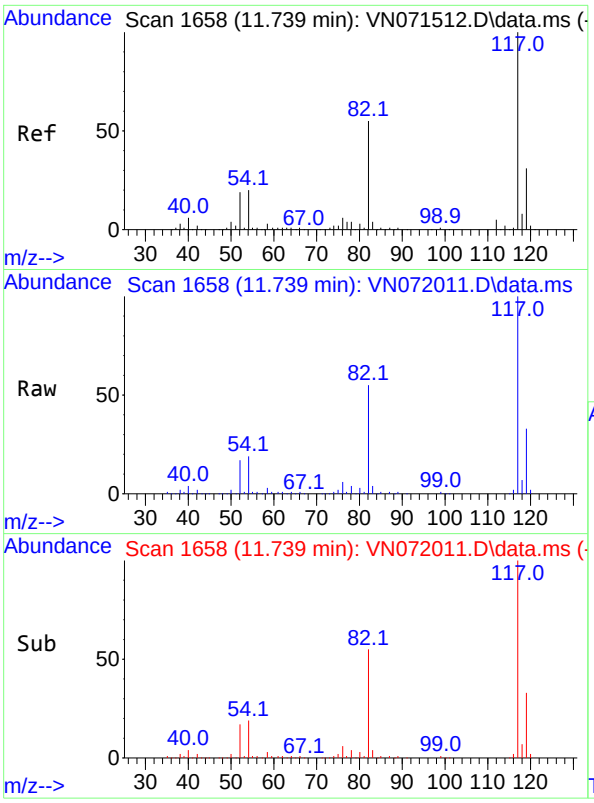


#30
2-Butanone
Concen: 8.142 ug/l
RT: 7.340 min Scan# 910
Delta R.T. 0.012 min
Lab File: VN072011.D
Acq: 15 Apr 2022 19:14

Tgt Ion: 43 Resp: 38183

Ion	Ratio	Lower	Upper
43	100		
57	9.6	6.7	10.1
72	15.7	23.2	34.8#

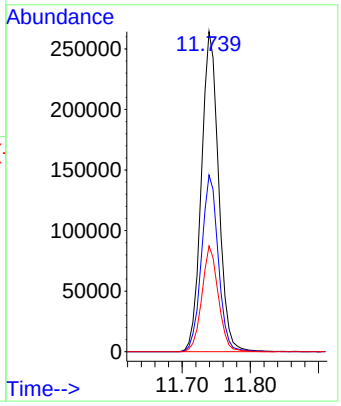




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072011.D
Acq: 15 Apr 2022 19:14

Tgt Ion:117 Resp: 46261

Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.6	65.4
119	31.5	25.8	38.6



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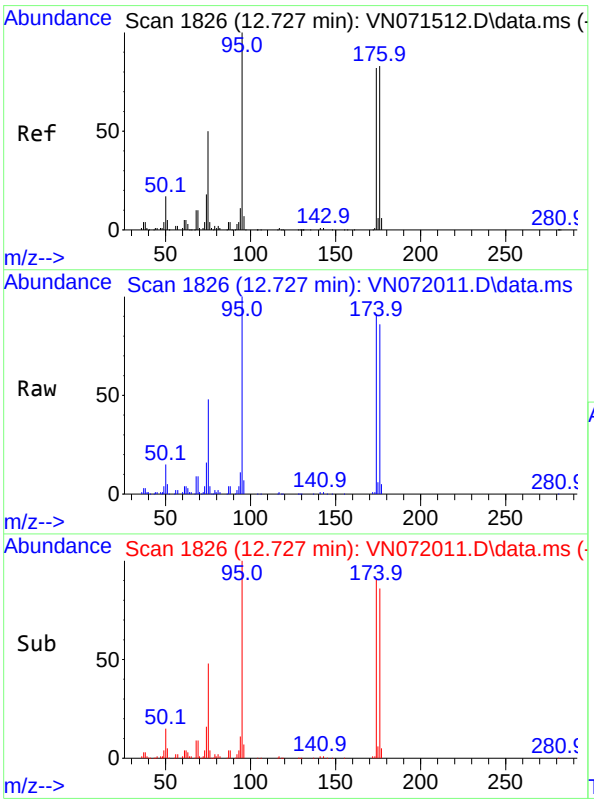
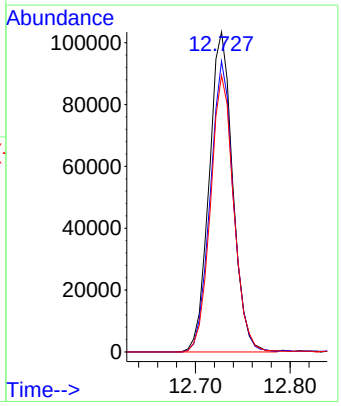
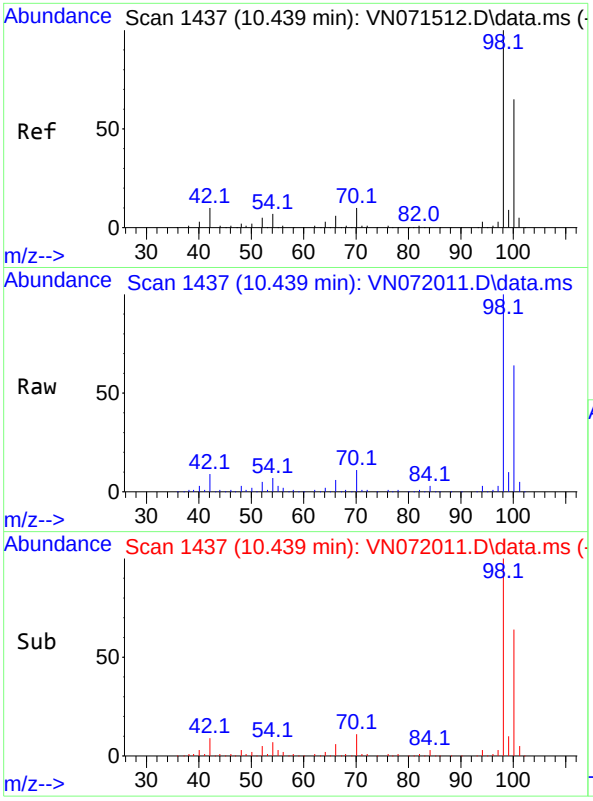


#60
4-Bromofluorobenzene
Concen: 26.030 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN072011.D
Acq: 15 Apr 2022 19:14

Tgt Ion: 95 Resp: 178552

Ion	Ratio	Lower	Upper
95	100		
174	89.1	62.9	94.3
176	85.3	61.0	91.4

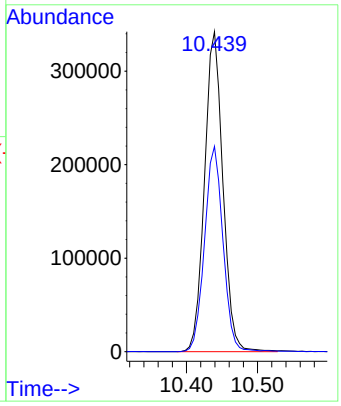




#63
Toluene-d8
Concen: 29.308 ug/l
RT: 10.439 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN072011.D
Acq: 15 Apr 2022 19:14

Tgt Ion: 98 Resp: 61546

Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.6	76.0



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