Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050523\
Data File : VN077595.D
Acq On : 05 May 2023 16:53
Operator : JC\MD
Sample : 02599-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(MAY)

Manual Integrations APPROVED

Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

Quant Time: May 06 02:33:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 28 16:20:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.819	128	61394	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	424473	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	429974	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.589	65	167978	30.690	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.300%			
60) 4-Bromofluorobenzene	12.854	95	207926	27.602	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 92.000%			
63) Toluene-d8	10.572	98	463854	30.615	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.067%			
Target Compounds						Qvalue
15) Acetone	4.442	58	24123m	27.193	ug/l	
25) Chloroform	7.972	83	4625	0.344	ug/l #	62
30) 2-Butanone	7.501	43	28582	8.713	ug/l #	90
58) 4-Methyl-2-Pentanone	10.454	43	7232	1.168	ug/l #	62
62) Toluene	10.630	91	21230	0.734	ug/l	96

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

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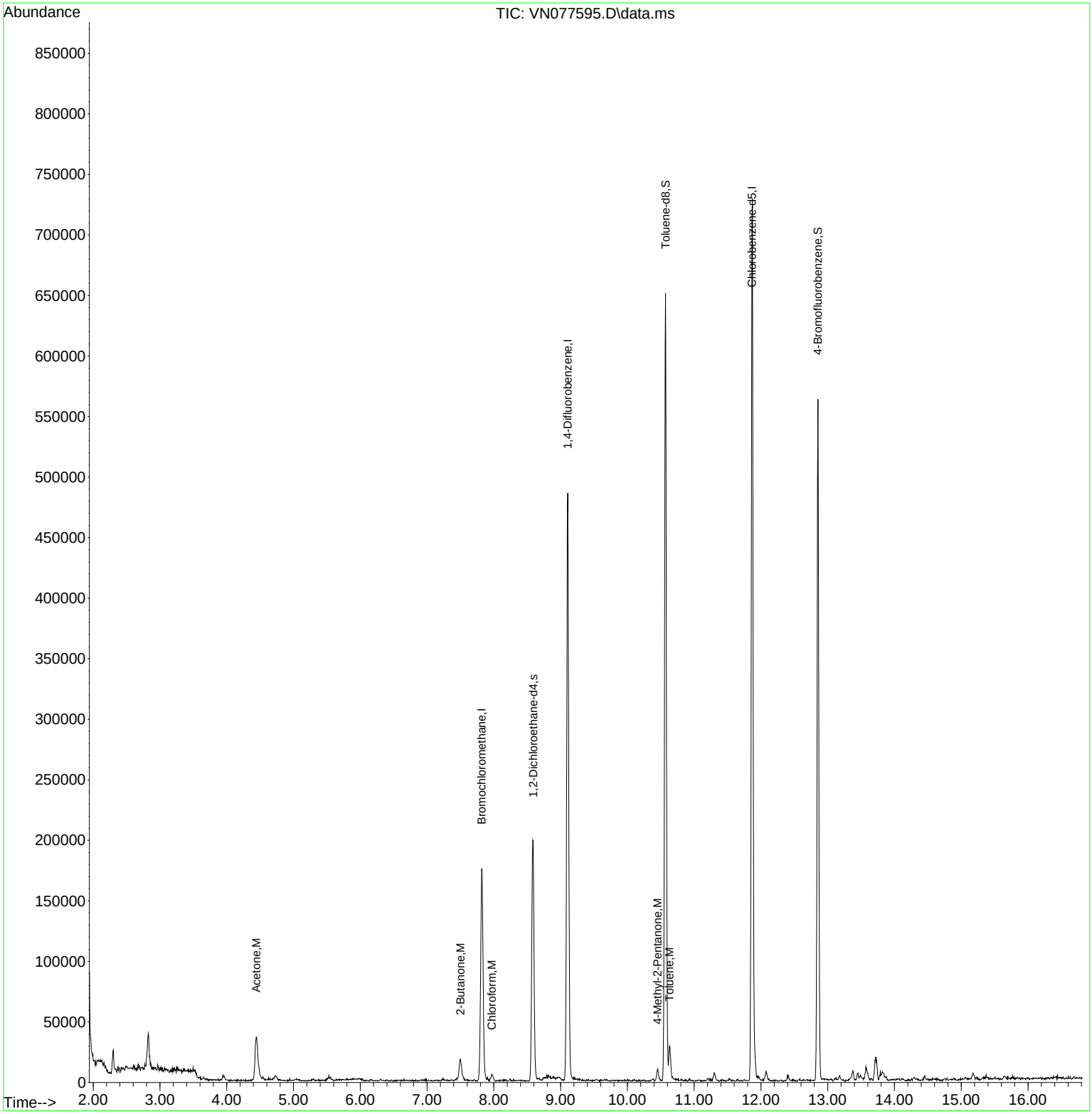
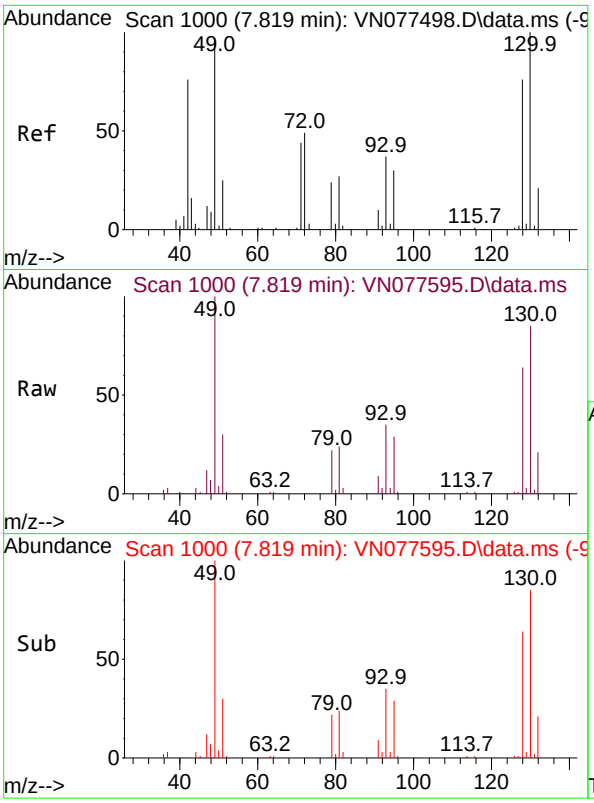
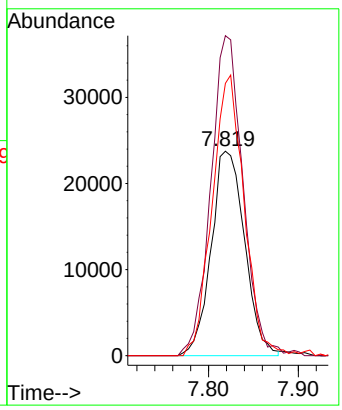




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077595.D
Acq: 05 May 2023 16:53

Tgt Ion:128 Resp: 6139

Ion	Ratio	Lower	Upper
128	100		
49	148.7	0.0	338.5
130	131.0	0.0	326.3



Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(MAY)

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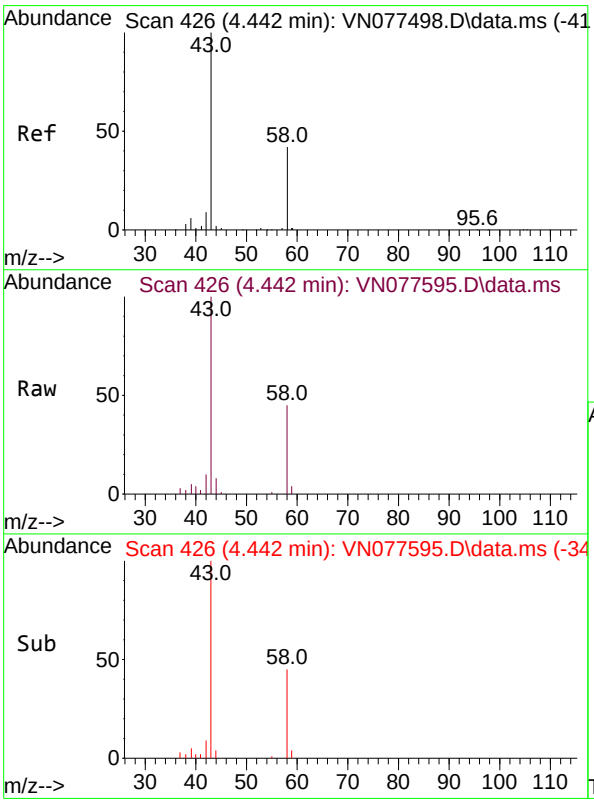
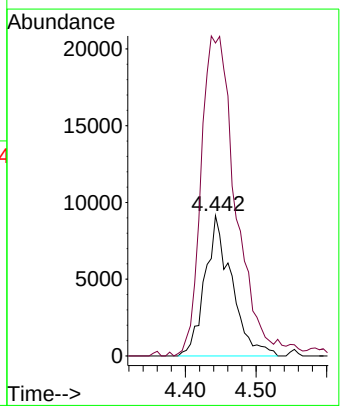
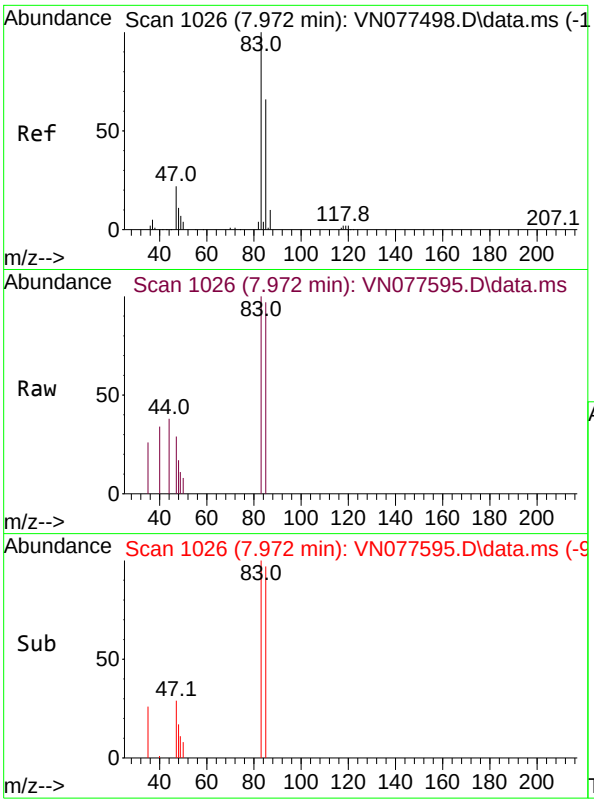


#15
Acetone
Concen: 27.193 ug/l m
RT: 4.442 min Scan# 426
Delta R.T. 0.000 min
Lab File: VN077595.D
Acq: 05 May 2023 16:53

Tgt Ion: 58 Resp: 24123

Ion	Ratio	Lower	Upper
58	100		
43	223.2	197.2	295.8





#25
Chloroform
Concen: 0.344 ug/l
RT: 7.972 min Scan# 1(
Delta R.T. -0.000 min
Lab File: VN077595.D
Acq: 05 May 2023 16:53

Tgt Ion: 83 Resp: 462

Ion	Ratio	Lower	Upper
83	100		
85	96.7	53.0	79.4

Instrument :
MSVOA_N
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002-35TH-AVE(MAY)

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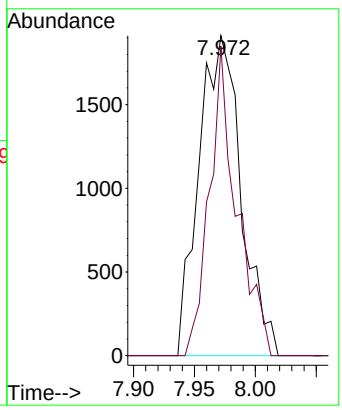
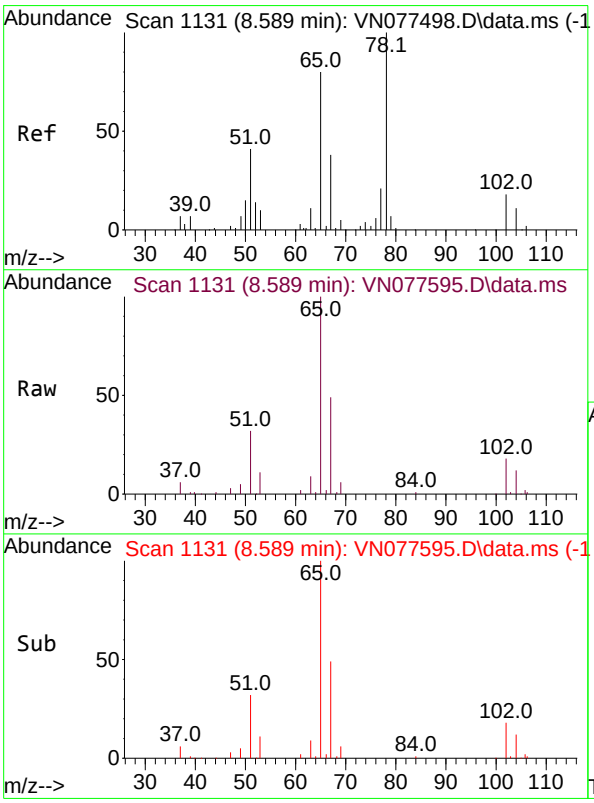
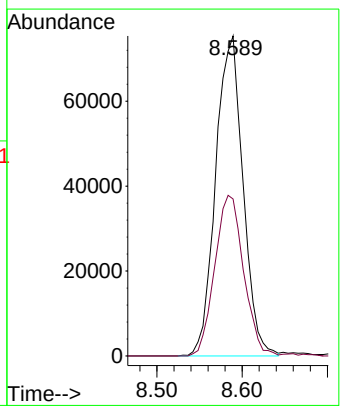


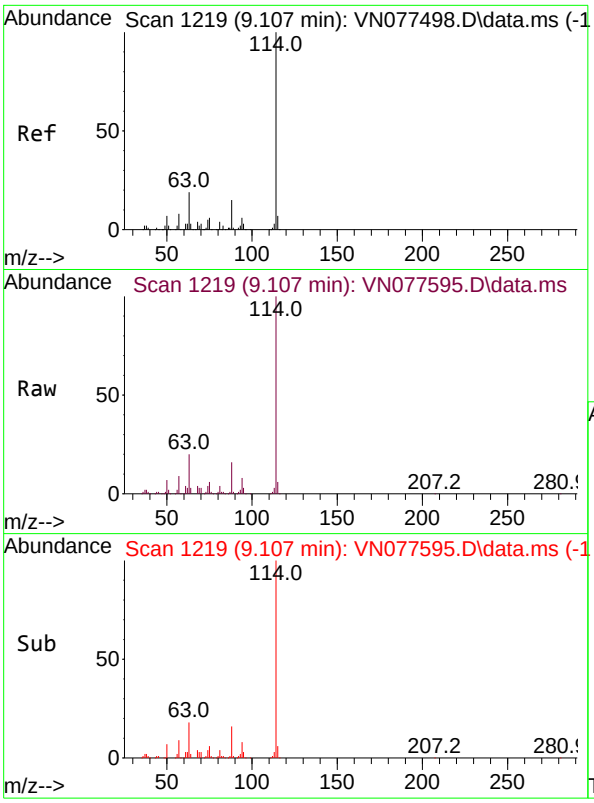


#27
1,2-Dichloroethane-d4
Concen: 30.690 ug/l
RT: 8.589 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN077595.D
Acq: 05 May 2023 16:53

Tgt Ion: 65 Resp: 167978

Ion	Ratio	Lower	Upper
65	100		
67	52.7	40.2	60.2





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077595.D
Acq: 05 May 2023 16:53

Tgt Ion:114 Resp: 42447

Ion	Ratio	Lower	Upper
114	100		
63	19.5	14.1	21.1
88	15.3	12.3	18.5

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(MAY)

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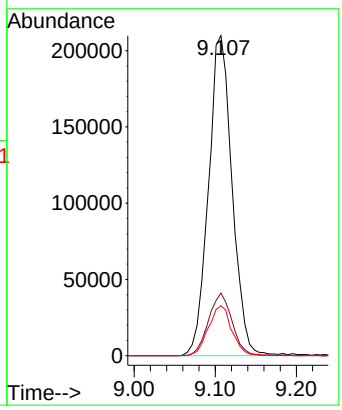
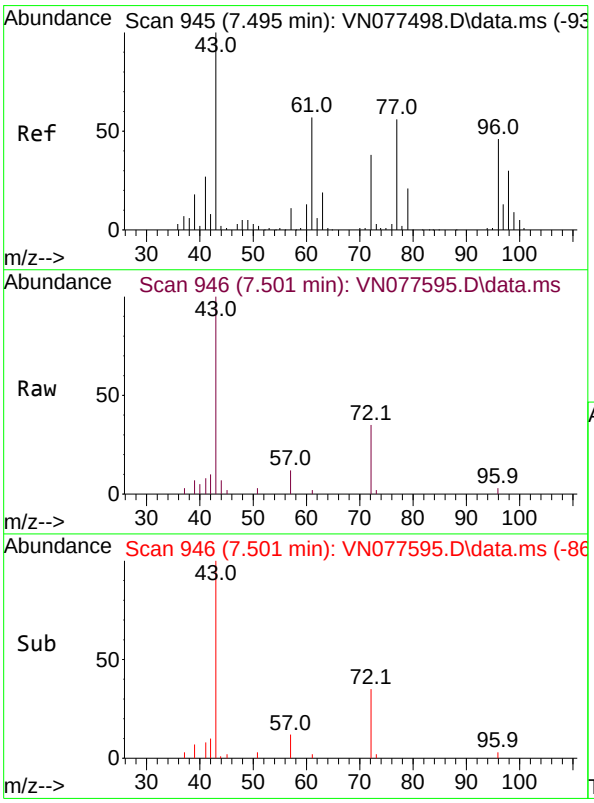
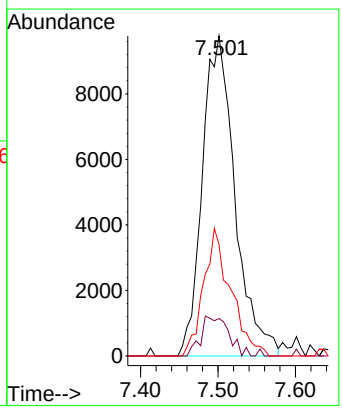


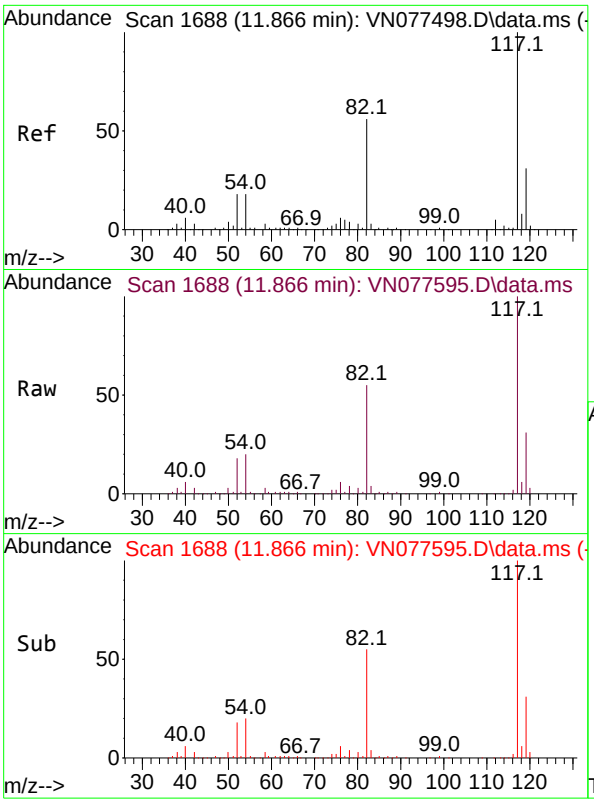


#30
2-Butanone
Concen: 8.713 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: VN077595.D
Acq: 05 May 2023 16:53

Tgt Ion: 43 Resp: 28582

Ion	Ratio	Lower	Upper
43	100		
57	3.1	8.0	12.0#
72	33.2	30.4	45.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077595.D
Acq: 05 May 2023 16:53

Tgt Ion:117 Resp: 42997

Ion	Ratio	Lower	Upper
117	100		
82	59.1	44.2	66.2
119	32.6	25.4	38.2

Instrument :
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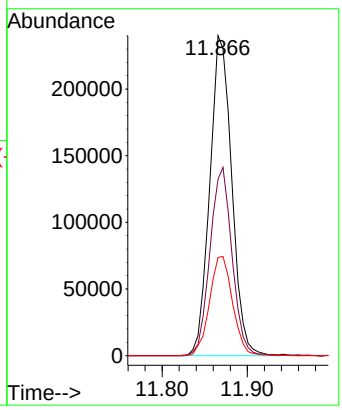
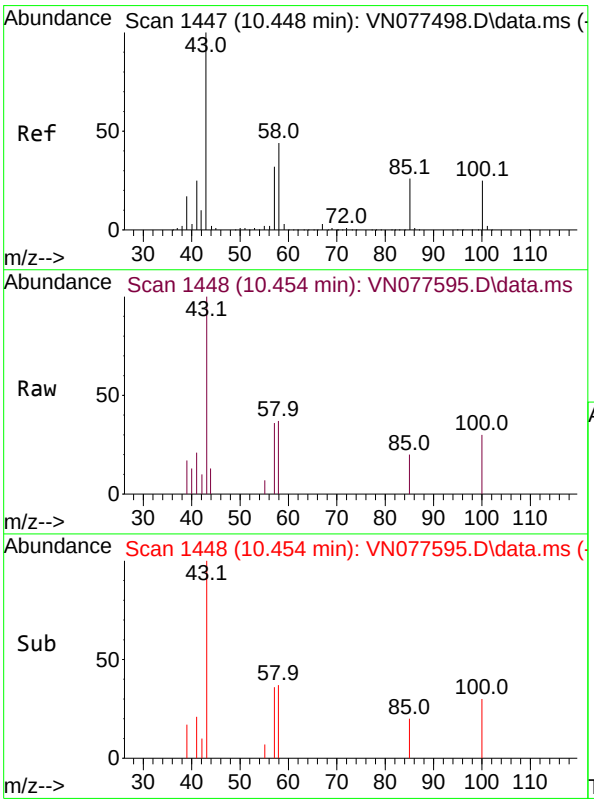
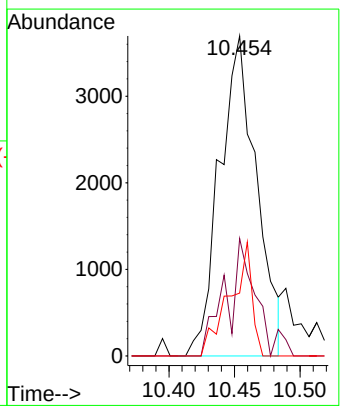


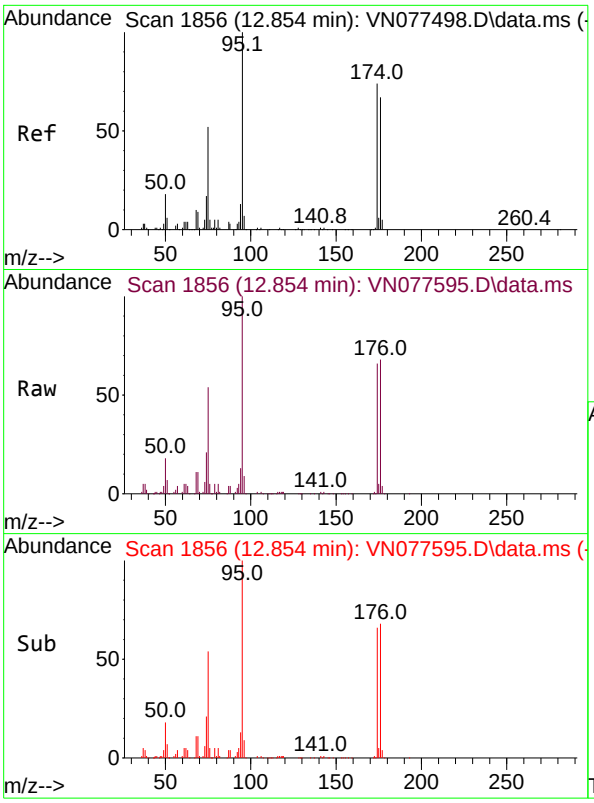


#58
4-Methyl-2-Pentanone
Concen: 1.168 ug/l
RT: 10.454 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN077595.D
Acq: 05 May 2023 16:53

Tgt Ion: 43 Resp: 7232

Ion	Ratio	Lower	Upper
43	100		
58	17.5	37.2	55.8#
85	11.7	21.1	31.7#





#60
4-Bromofluorobenzene
Concen: 27.602 ug/l
RT: 12.854 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077595.D
Acq: 05 May 2023 16:53

Tgt Ion: 95 Resp: 20792

Ion	Ratio	Lower	Upper
95	100		
174	63.7	55.9	83.9
176	63.0	53.9	80.9

Instrument :
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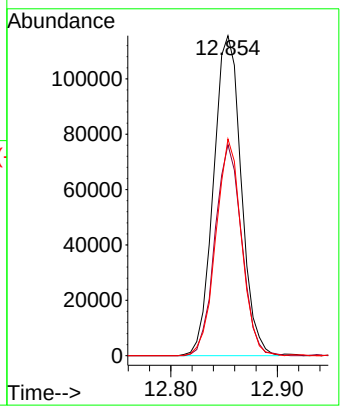
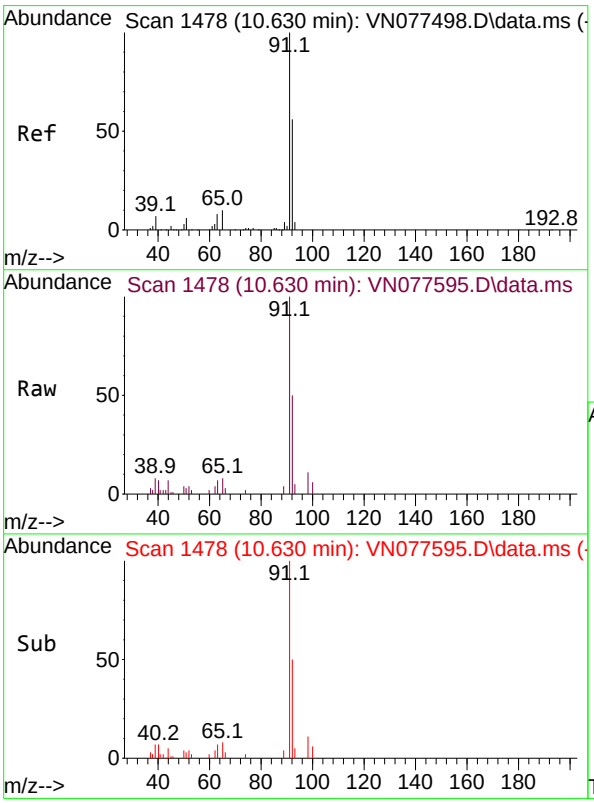
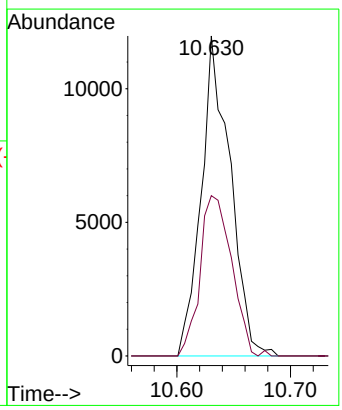


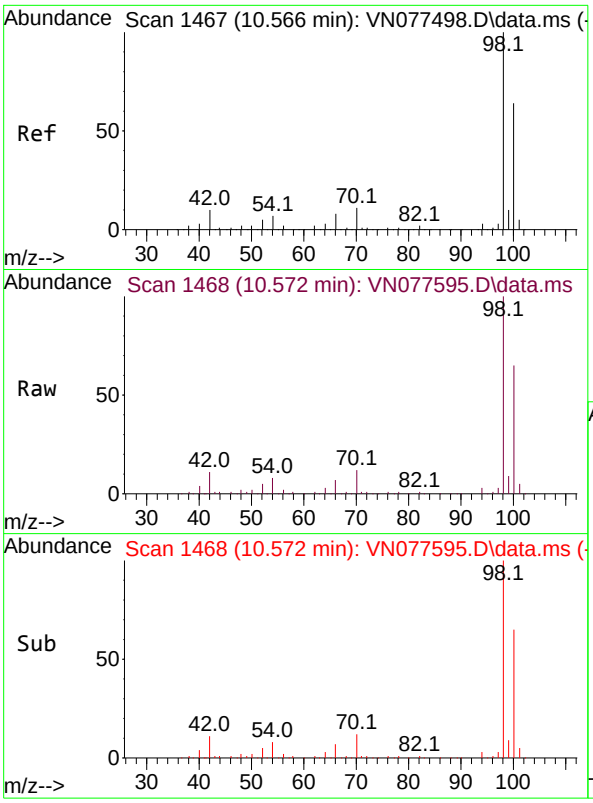


#62
Toluene
Concen: 0.734 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077595.D
Acq: 05 May 2023 16:53

Tgt Ion: 91 Resp: 21230

Ion	Ratio	Lower	Upper
91	100		
92	54.4	46.1	69.1

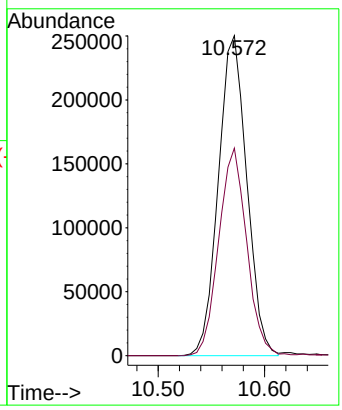




#63
Toluene-d8
Concen: 30.615 ug/l
RT: 10.572 min Scan# 14
Delta R.T. 0.005 min
Lab File: VN077595.D
Acq: 05 May 2023 16:53

Tgt Ion: 98 Resp: 46385

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.0	76.4



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