Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080624\
Data File : VX042872.D
Acq On : 06 Aug 2024 15:33
Operator : JC/MD
Sample : P3446-02DL 4X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JUNE)DL

Manual Integrations APPROVED

Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

Quant Time: Aug 07 05:00:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 07 04:53:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.897	128	42426	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	235044	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	208281	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	107231	27.371	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 91.233%			
60) 4-Bromofluorobenzene	11.079	95	94883	27.923	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 93.067%			
63) Toluene-d8	8.653	98	292884	31.131	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.767%			
Target Compounds						Qvalue
15) Acetone	2.386	58	22899	41.866	ug/l	83
18) Methylene Chloride	2.794	84	3151	1.070	ug/l	94
30) 2-Butanone	4.586	43	14618m	6.553	ug/l	
58) 4-Methyl-2-Pentanone	8.580	43	3595	0.917	ug/l	97
62) Toluene	8.720	91	625568	61.322	ug/l	100

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

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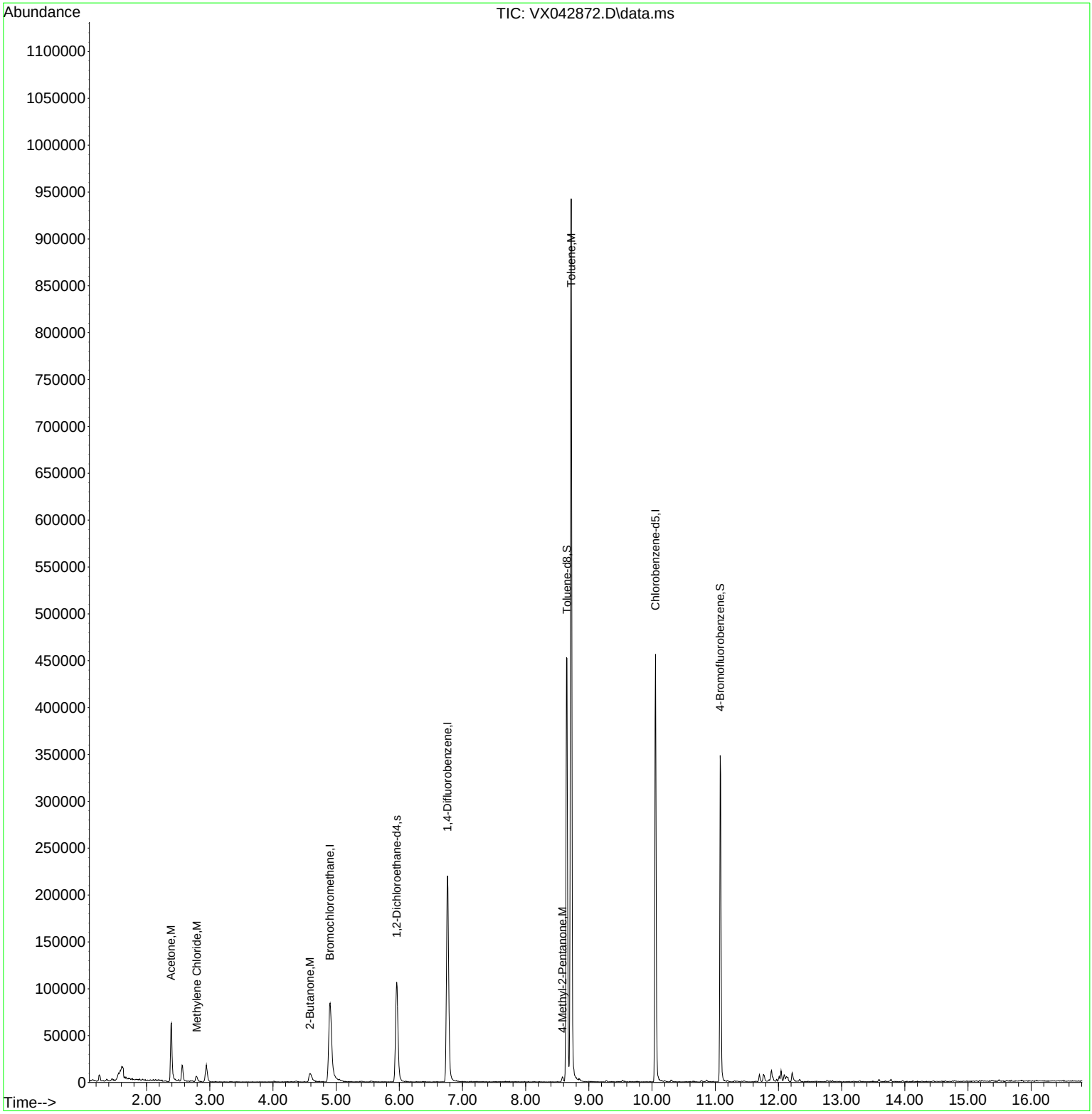
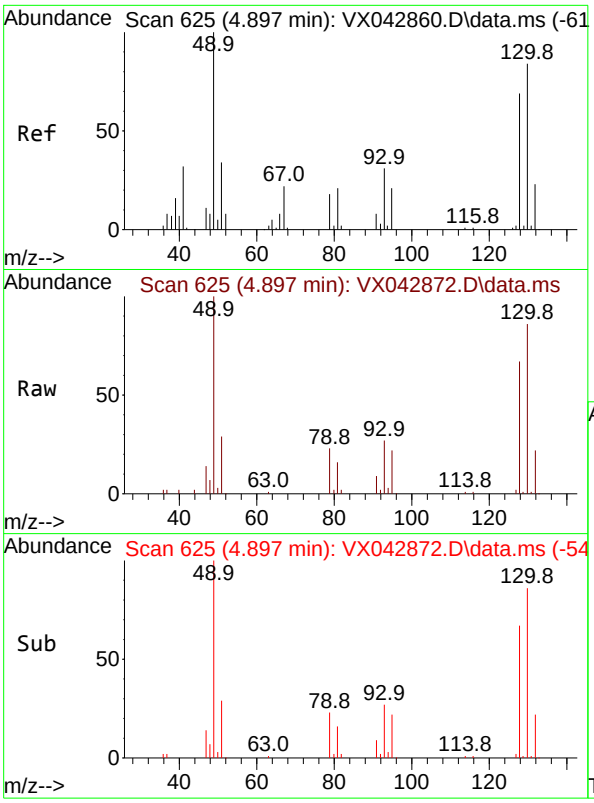
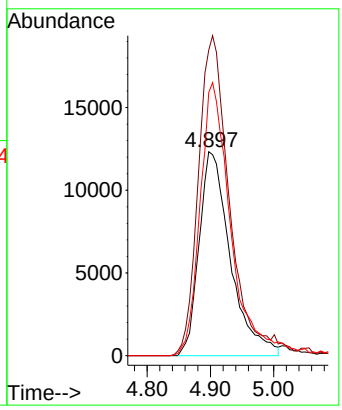




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX042872.D
Acq: 06 Aug 2024 15:33

Tgt Ion:128 Resp: 4242

Ion	Ratio	Lower	Upper
128	100		
49	153.7	0.0	400.5
130	128.7	0.0	333.0



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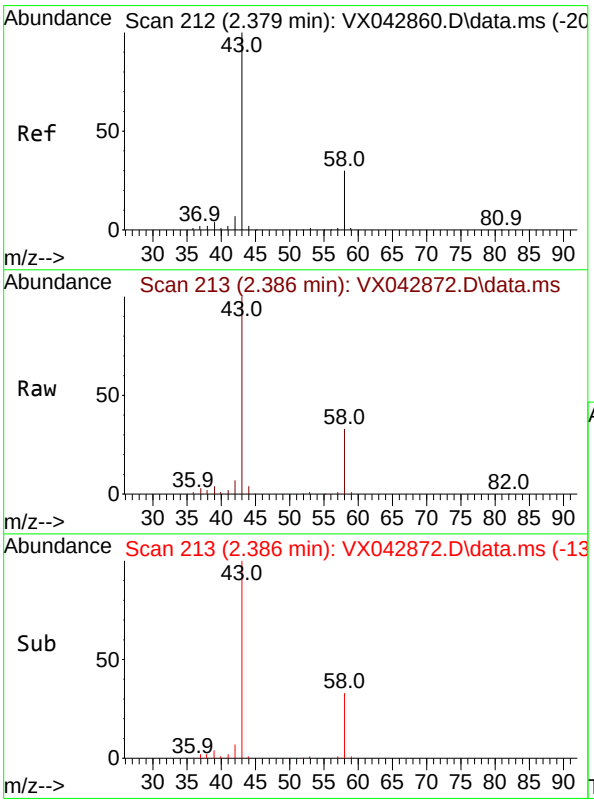
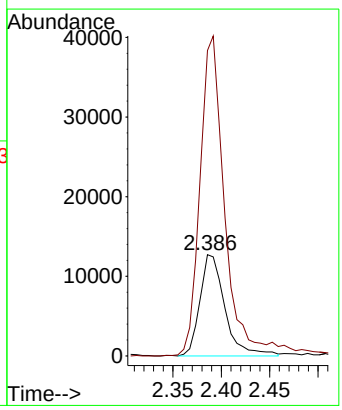
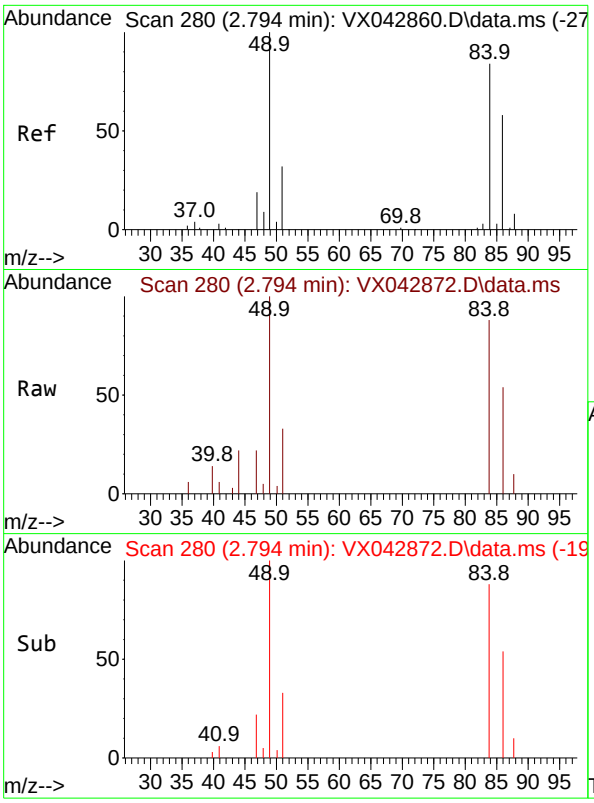


#15
Acetone
Concen: 41.866 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX042872.D
Acq: 06 Aug 2024 15:33

Tgt Ion: 58 Resp: 22899

Ion	Ratio	Lower	Upper
58	100		
43	300.7	269.9	404.9

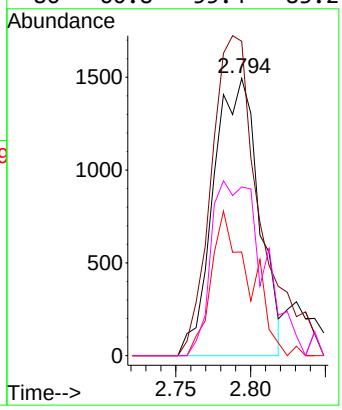




#18
Methylene Chloride
Concen: 1.070 ug/l
RT: 2.794 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX042872.D
Acq: 06 Aug 2024 15:33

Tgt Ion: 84 Resp: 315

Ion	Ratio	Lower	Upper
84	100		
49	113.4	95.0	142.6
51	37.3	30.1	45.1
86	60.8	55.4	83.2



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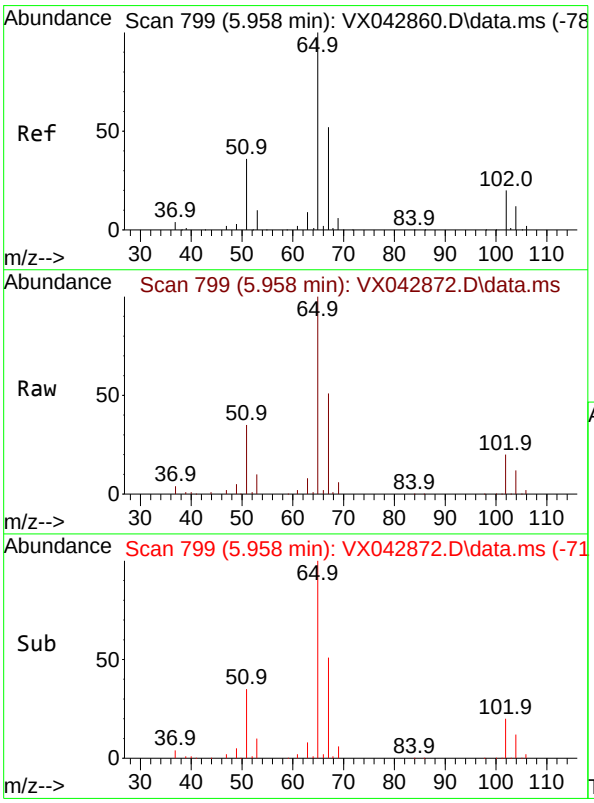
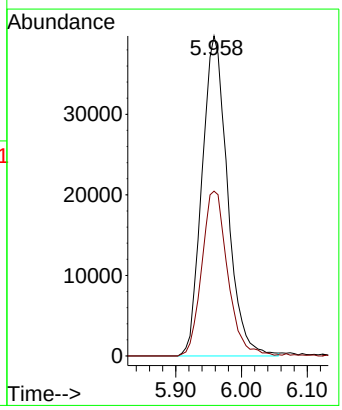
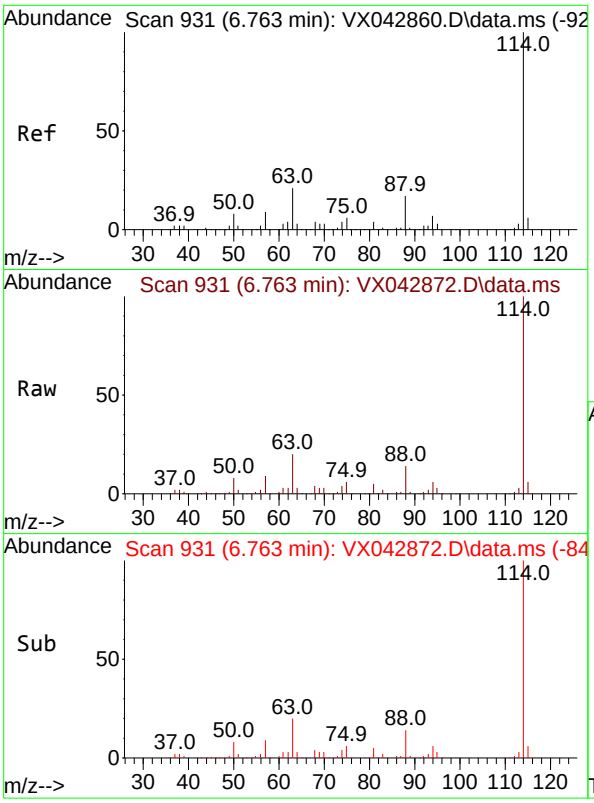


#27
1,2-Dichloroethane-d4
Concen: 27.371 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042872.D
Acq: 06 Aug 2024 15:33

Tgt Ion: 65 Resp: 107231

Ion	Ratio	Lower	Upper
65	100		
67	51.2	40.6	60.8





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX042872.D
Acq: 06 Aug 2024 15:33

Tgt Ion:114 Resp: 23504

Ion	Ratio	Lower	Upper
114	100		
63	20.2	16.0	24.0
88	15.0	12.5	18.7

Instrument :
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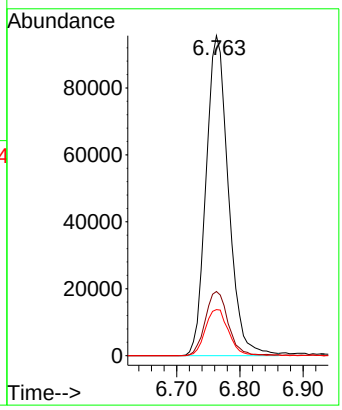
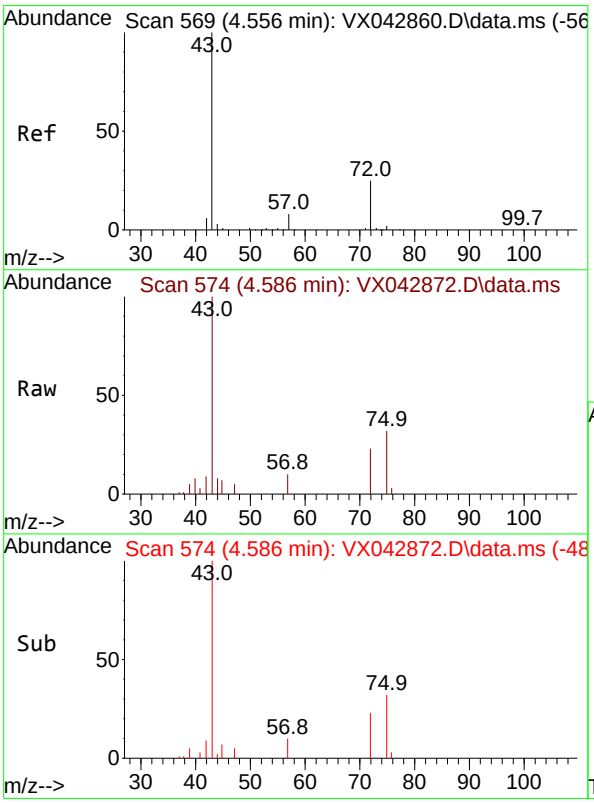
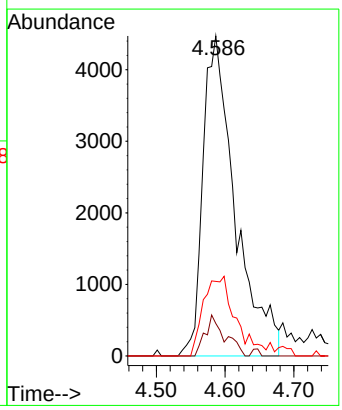


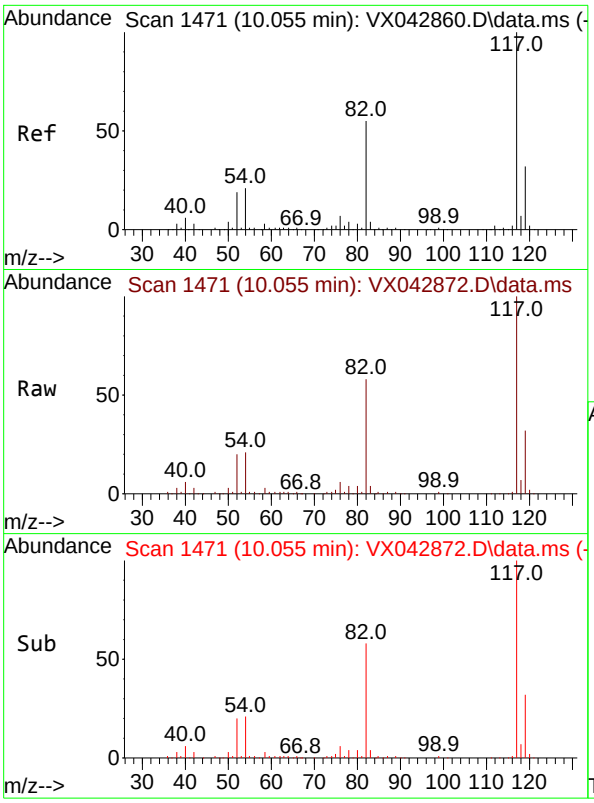


#30
2-Butanone
Concen: 6.553 ug/l m
RT: 4.586 min Scan# 574
Delta R.T. 0.031 min
Lab File: VX042872.D
Acq: 06 Aug 2024 15:33

Tgt Ion: 43 Resp: 14618

Ion	Ratio	Lower	Upper
43	100		
57	5.8	6.6	10.0#
72	13.6	21.0	31.4#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX042872.D
Acq: 06 Aug 2024 15:33

Tgt Ion:117 Resp: 20828

Ion	Ratio	Lower	Upper
117	100		
82	56.8	44.9	67.3
119	31.9	25.4	38.2

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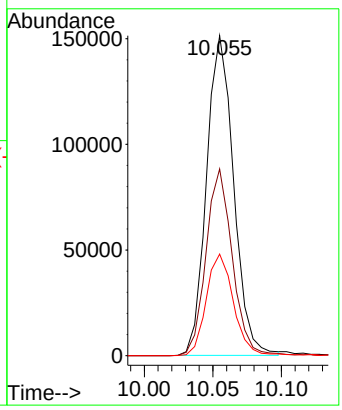
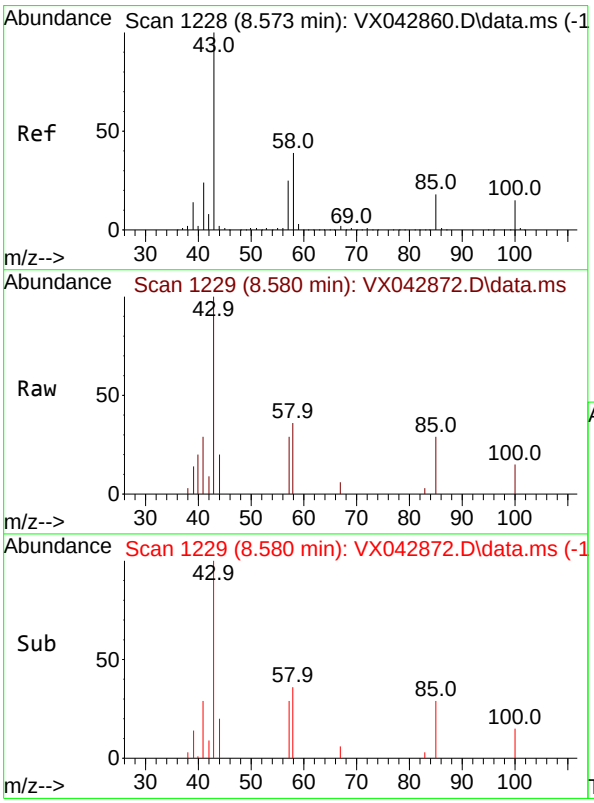
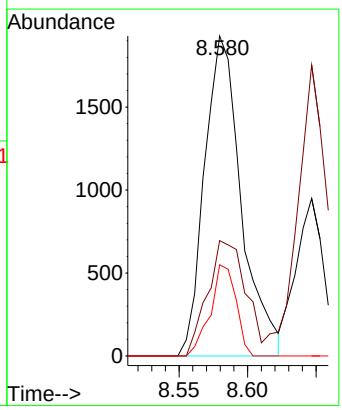


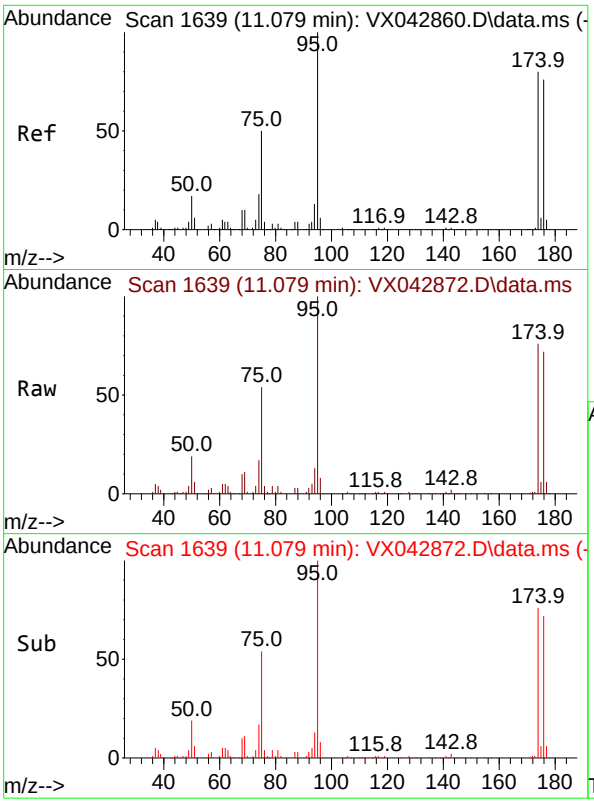


#58
4-Methyl-2-Pentanone
Concen: 0.917 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX042872.D
Acq: 06 Aug 2024 15:33

Tgt Ion: 43 Resp: 3595

Ion	Ratio	Lower	Upper
43	100		
58	37.3	31.4	47.0
85	19.9	14.6	21.8

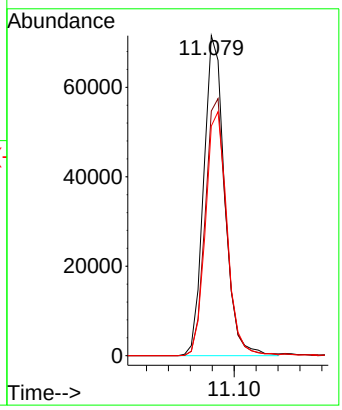




#60
4-Bromofluorobenzene
Concen: 27.923 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX042872.D
Acq: 06 Aug 2024 15:33

Tgt Ion: 95 Resp: 9488

Ion	Ratio	Lower	Upper
95	100		
174	80.9	65.0	97.6
176	78.1	63.4	95.0



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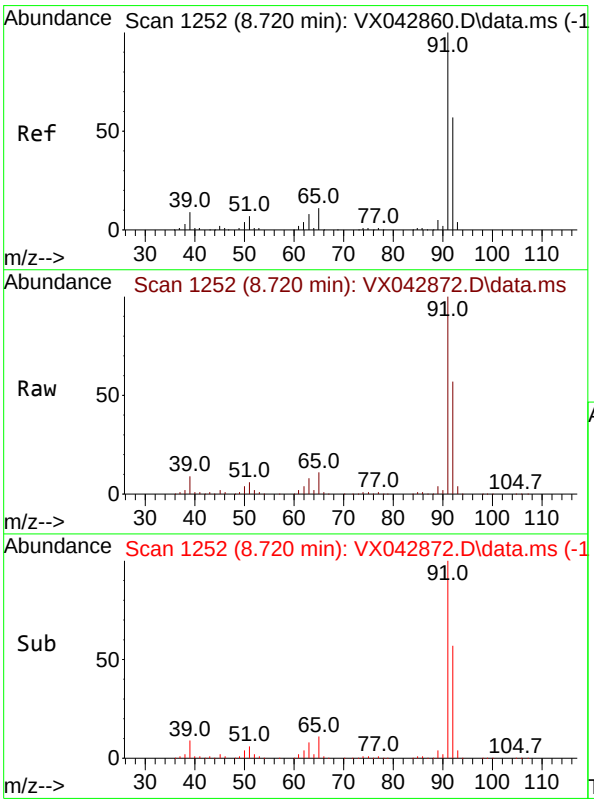
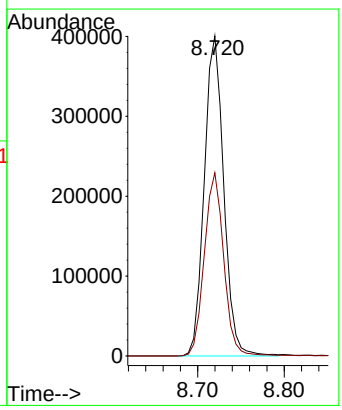
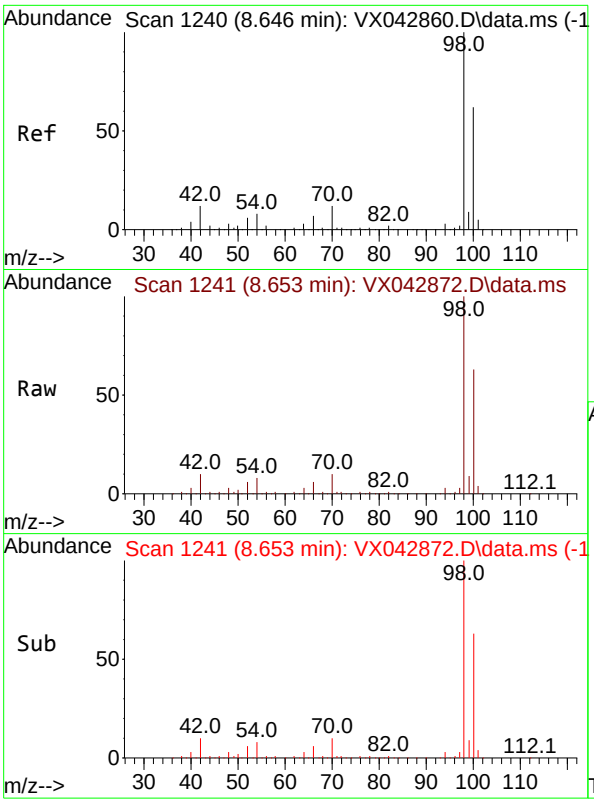


#62
Toluene
Concen: 61.322 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX042872.D
Acq: 06 Aug 2024 15:33

Tgt Ion: 91 Resp: 625568

Ion	Ratio	Lower	Upper
91	100		
92	57.0	45.7	68.5

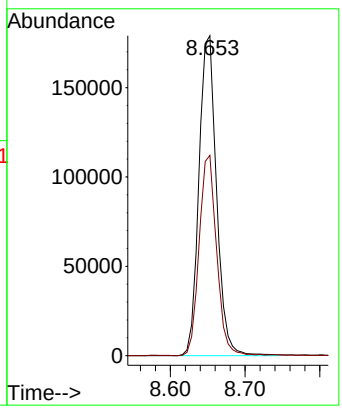




#63
Toluene-d8
Concen: 31.131 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX042872.D
Acq: 06 Aug 2024 15:33

Tgt Ion: 98 Resp: 29288

Ion	Ratio	Lower	Upper
98	100		
100	62.2	50.9	76.3



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