

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071523\
 Data File : VX036557.D
 Acq On : 14 Jul 2023 12:35
 Operator : JC/MD
 Sample : 03596-02DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/17/2023
 Supervised By : Semsettin Yesilyurt 07/17/2023

Quant Time: Jul 17 01:29:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 14 04:32:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	4.903	128	30787	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	161529	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	149095	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	76392	29.896	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	99.667%	
60) 4-Bromofluorobenzene	11.079	95	69841	28.878	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	96.267%	
63) Toluene-d8	8.647	98	203212	29.619	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	98.733%	
Target Compounds						
15) Acetone	2.398	58	45867	136.481	ug/l	88
16) Carbon Disulfide	2.514	76	1317	0.301	ug/l	100
30) 2-Butanone	4.574	43	14396m	9.386	ug/l	
58) 4-Methyl-2-Pentanone	8.574	43	2841	0.921	ug/l #	96
62) Toluene	8.720	91	403710	48.259	ug/l	98
82) p-Isopropyltoluene	12.006	119	1583	0.212	ug/l	90

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

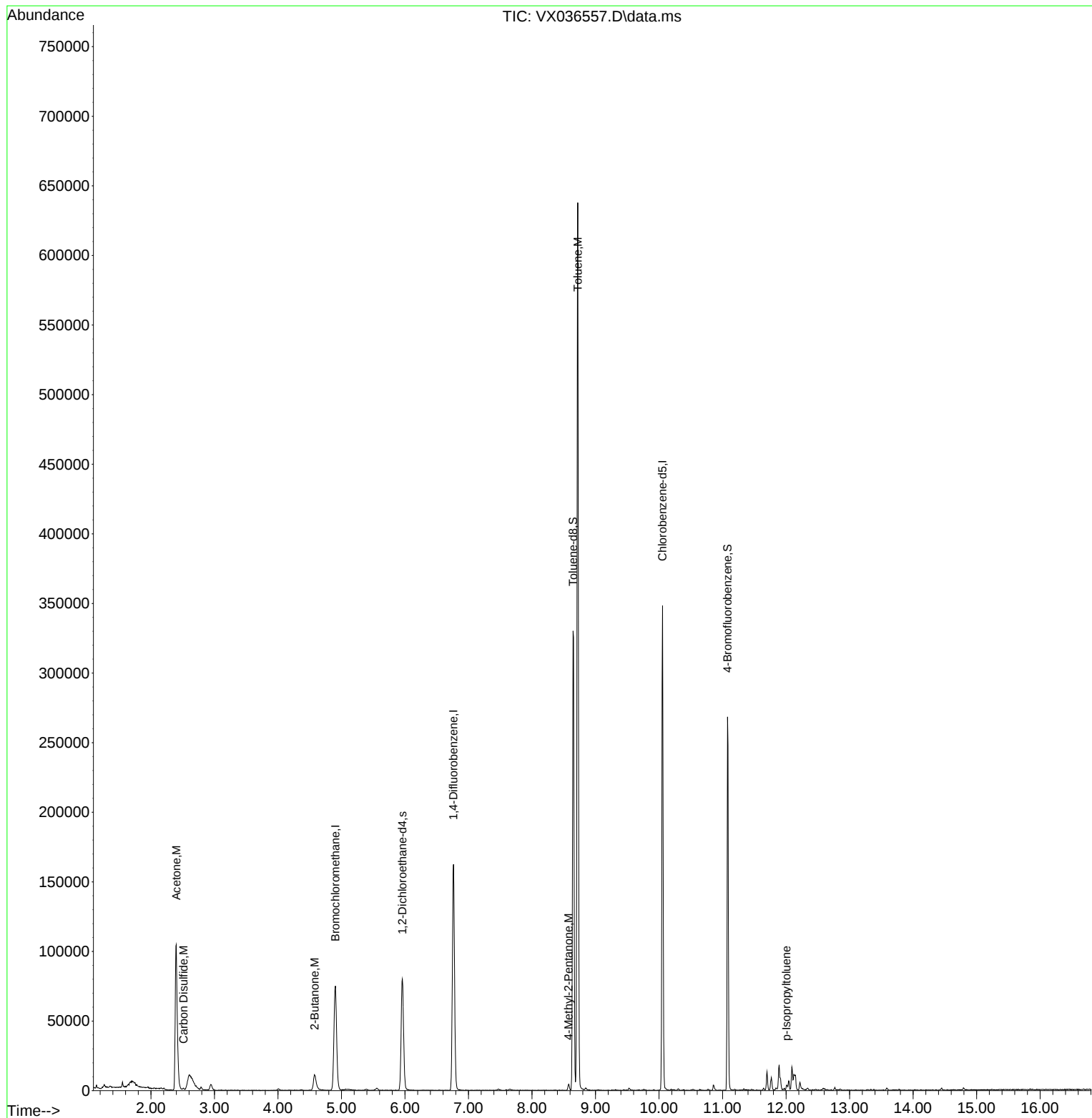
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071523\
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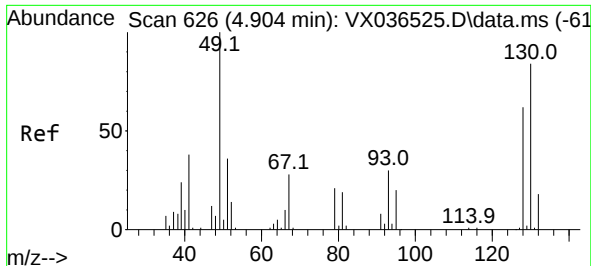
Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Jul 17 01:29:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
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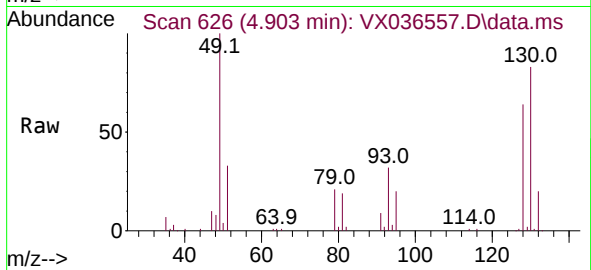
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX036557.D
Acq: 14 Jul 2023 12:35

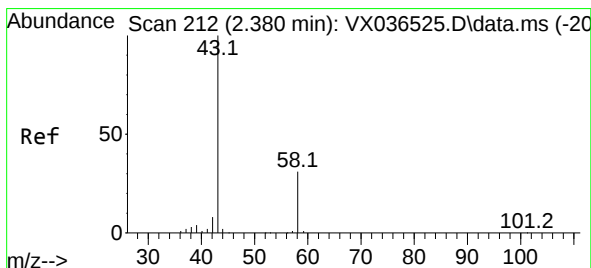
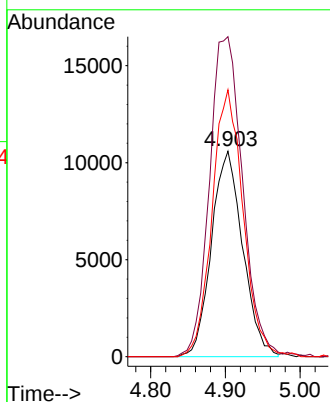
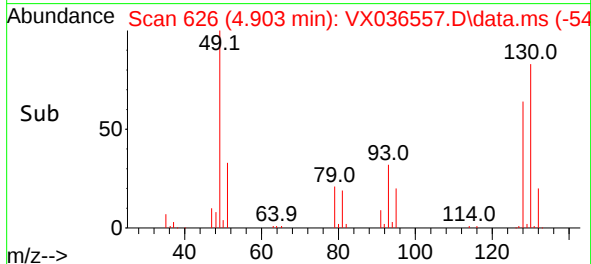
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JULY)DL



Tgt Ion:128 Resp: 3078
Ion Ratio Lower Upper
128 100
49 165.2 0.0 406.3
130 129.3 0.0 328.0

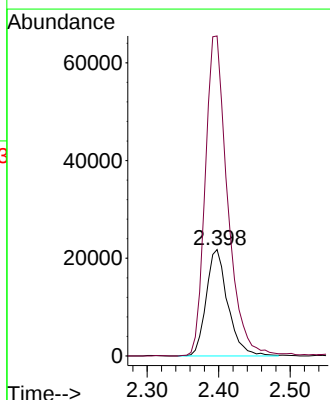
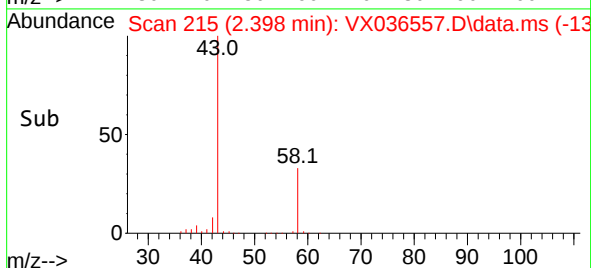
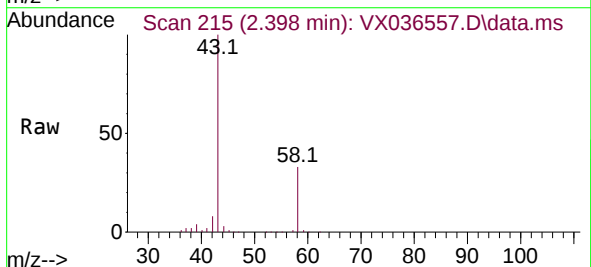
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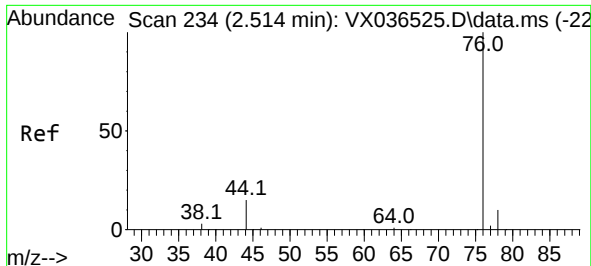
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#15
Acetone
Concen: 136.481 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.018 min
Lab File: VX036557.D
Acq: 14 Jul 2023 12:35

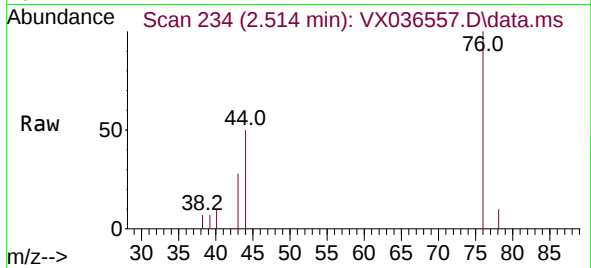
Tgt Ion: 58 Resp: 45867
Ion Ratio Lower Upper
58 100
43 300.9 261.0 391.4





#16
Carbon Disulfide
Concen: 0.301 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX036557.D
Acq: 14 Jul 2023 12:35

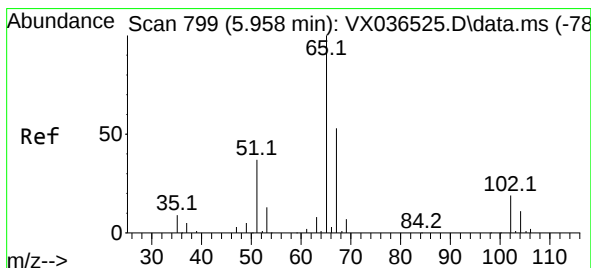
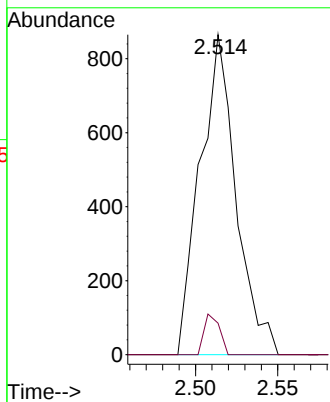
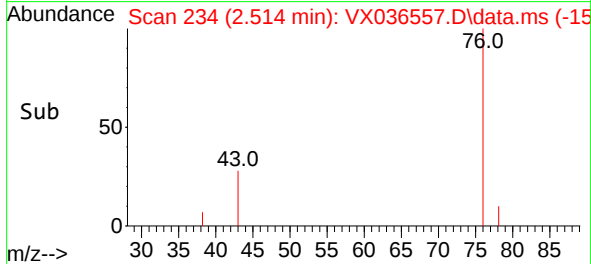
Instrument :
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ClientSampleId :
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Tgt Ion: 76 Resp: 131
Ion Ratio Lower Upper
76 100
78 9.8 8.0 12.0

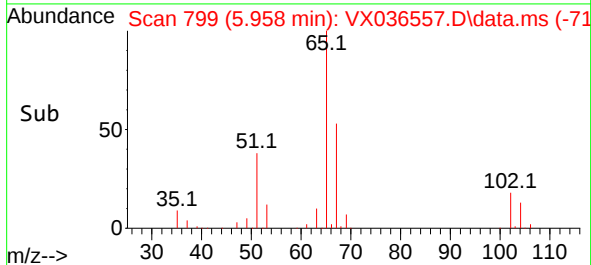
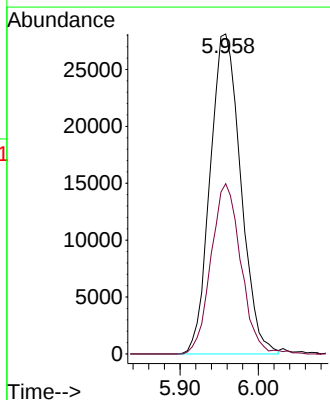
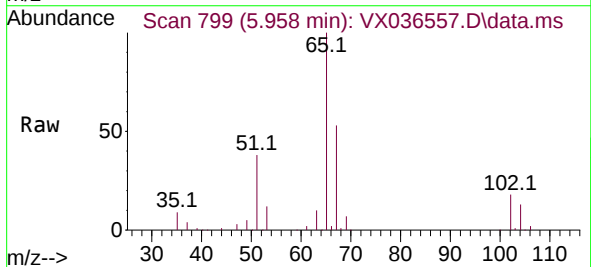
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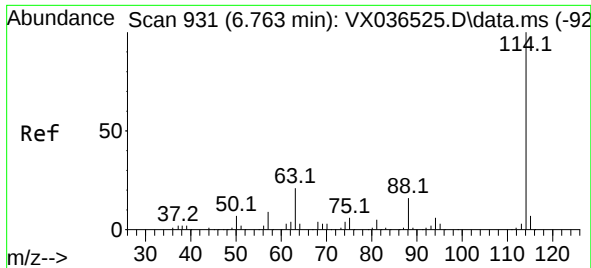
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#27
1,2-Dichloroethane-d4
Concen: 29.896 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX036557.D
Acq: 14 Jul 2023 12:35

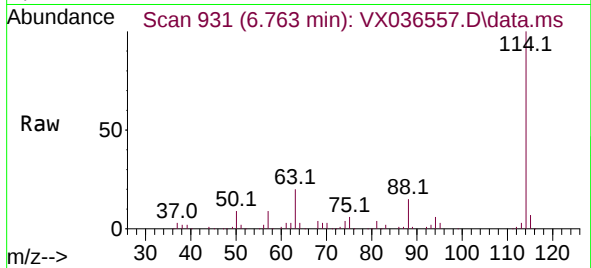
Tgt Ion: 65 Resp: 76392
Ion Ratio Lower Upper
65 100
67 51.3 42.1 63.1





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036557.D
Acq: 14 Jul 2023 12:35

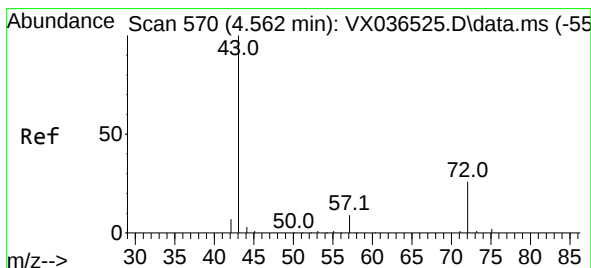
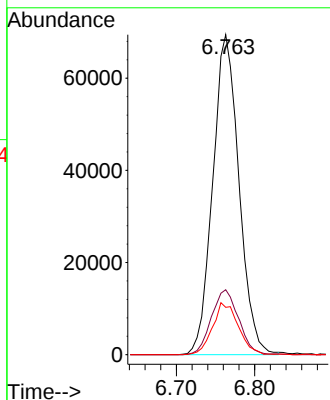
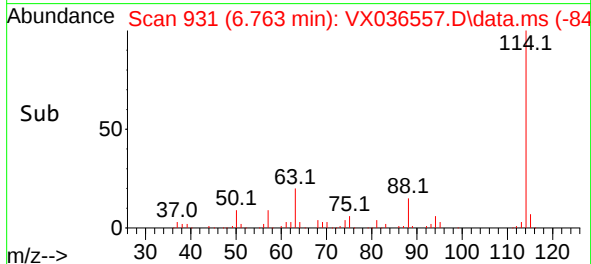
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JULY)DL



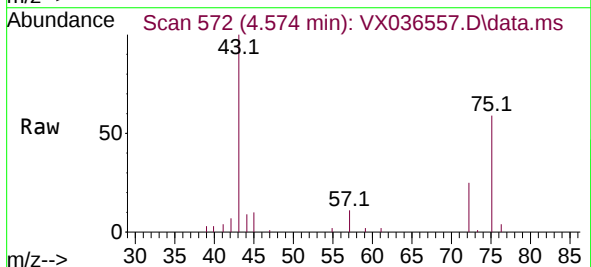
Tgt Ion:114 Resp: 161529
Ion Ratio Lower Upper
114 100
63 21.0 16.6 24.8
88 15.9 12.9 19.3

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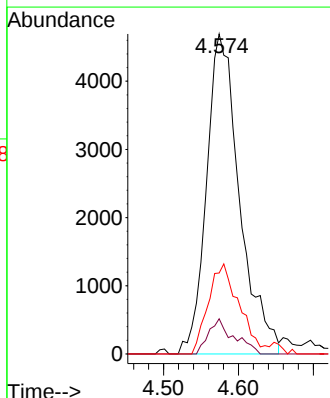
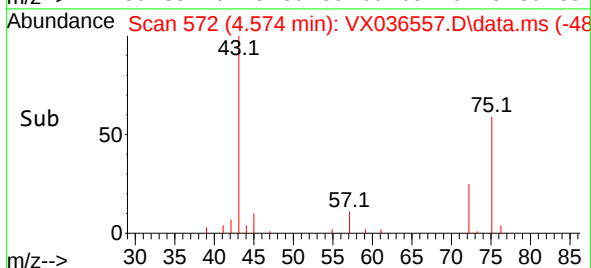
Reviewed By :John Carlone 07/17/2023
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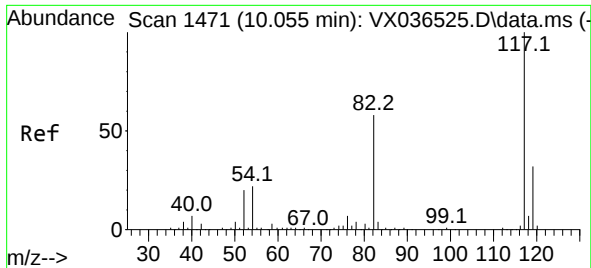


#30
2-Butanone
Concen: 9.386 ug/l m
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX036557.D
Acq: 14 Jul 2023 12:35



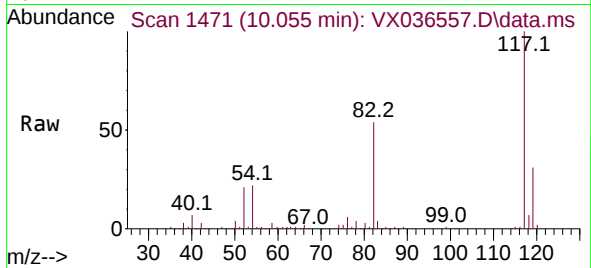
Tgt Ion: 43 Resp: 14396
Ion Ratio Lower Upper
43 100
57 8.4 6.4 9.6
72 26.0 21.6 32.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036557.D
Acq: 14 Jul 2023 12:35

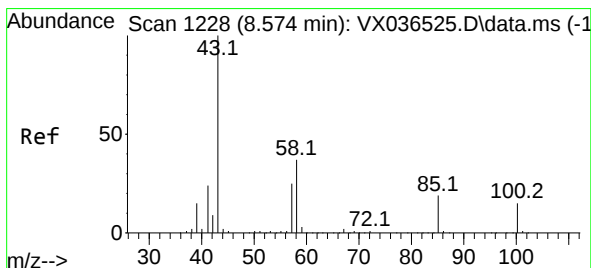
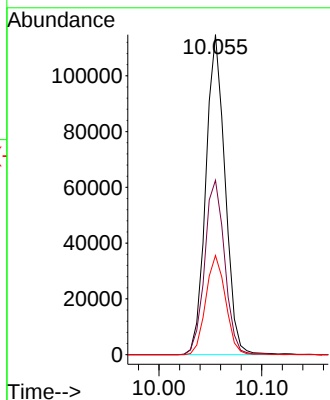
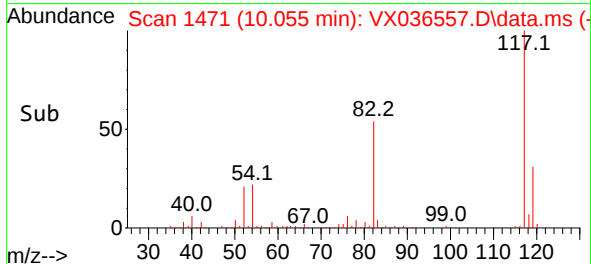
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002-35TH-AVE(JULY)DL



Tgt Ion: 117 Resp: 14909
Ion Ratio Lower Upper
117 100
82 56.6 44.7 67.1
119 31.9 25.6 38.4

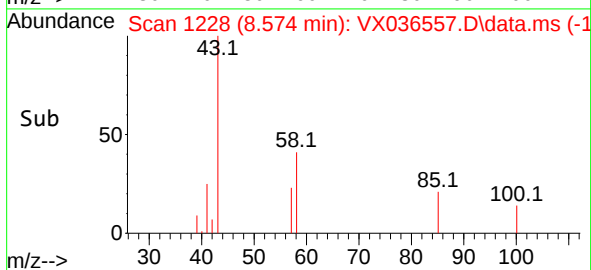
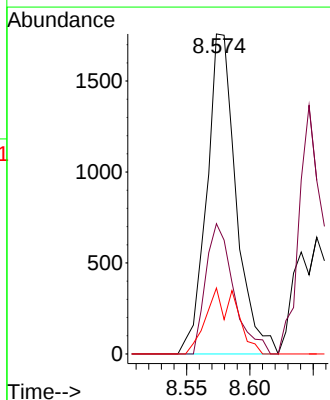
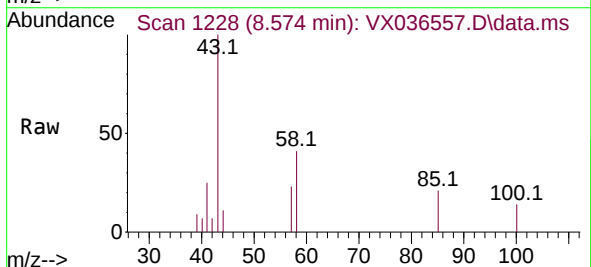
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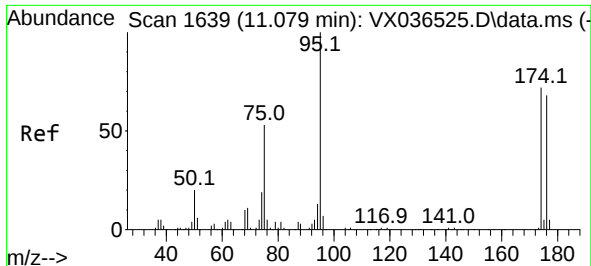
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#58
4-Methyl-2-Pentanone
Concen: 0.921 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX036557.D
Acq: 14 Jul 2023 12:35

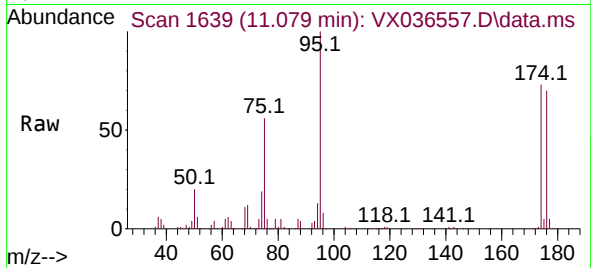
Tgt Ion: 43 Resp: 2841
Ion Ratio Lower Upper
43 100
58 38.6 30.9 46.3
85 12.6 14.4 21.6#





#60
4-Bromofluorobenzene
Concen: 28.878 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036557.D
Acq: 14 Jul 2023 12:35

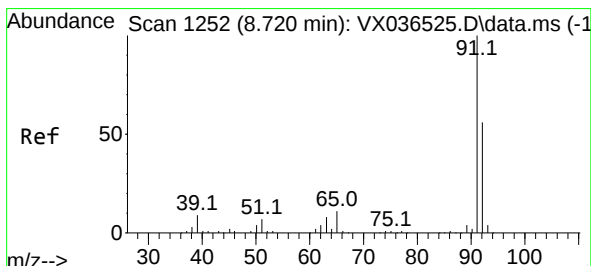
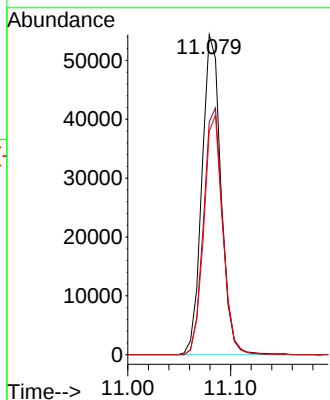
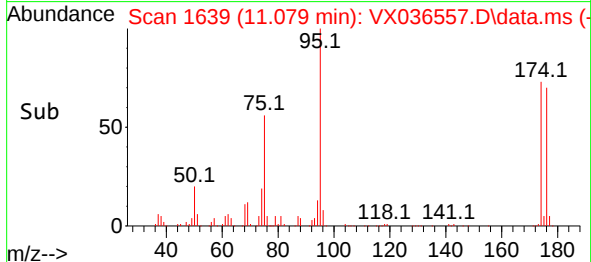
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Tgt Ion: 95 Resp: 6984
Ion Ratio Lower Upper
95 100
174 78.0 60.5 90.7
176 74.3 58.2 87.4

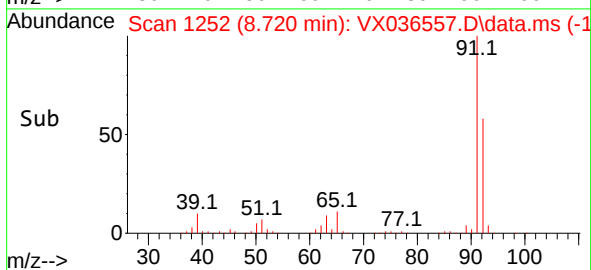
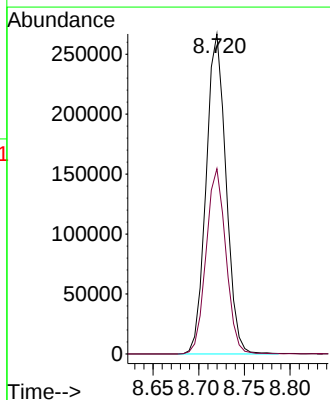
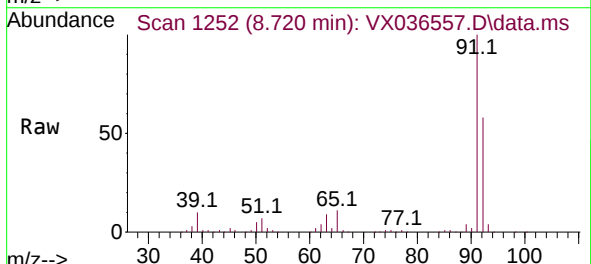
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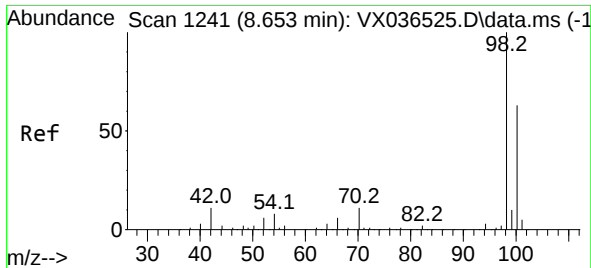
Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#62
Toluene
Concen: 48.259 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036557.D
Acq: 14 Jul 2023 12:35

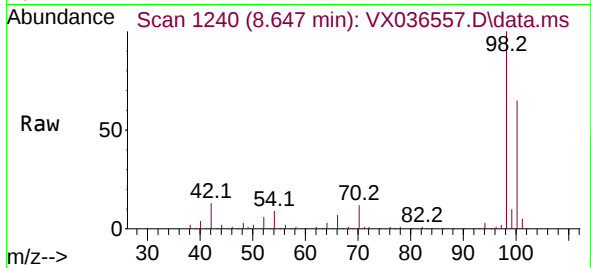
Tgt Ion: 91 Resp: 403710
Ion Ratio Lower Upper
91 100
92 57.4 44.9 67.3





#63
Toluene-d8
Concen: 29.619 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036557.D
Acq: 14 Jul 2023 12:35

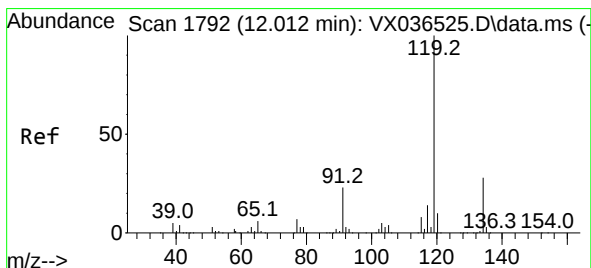
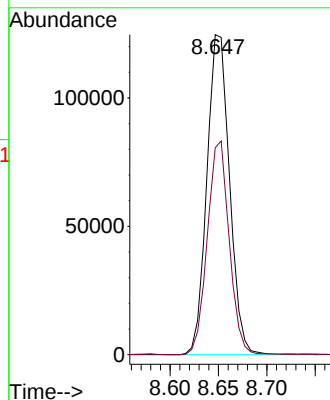
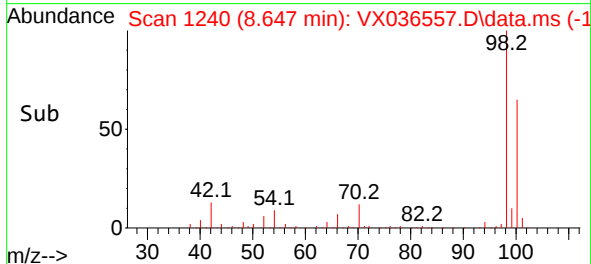
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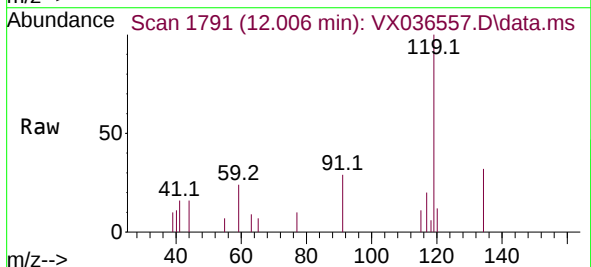
Tgt Ion: 98 Resp: 20321
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#82
p-Isopropyltoluene
Concen: 0.212 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VX036557.D
Acq: 14 Jul 2023 12:35



Tgt Ion:119 Resp: 1583
Ion Ratio Lower Upper
119 100
134 24.7 0.0 53.2
91 33.1 0.0 49.4

