

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122823\
 Data File : VX039520.D
 Acq On : 28 Dec 2023 16:40
 Operator : JC/MD
 Sample : 06016-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MR-322-0-2

Quant Time: Dec 28 22:53:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/29/2023
 Supervised By : Semsettin Yesilyurt 01/01/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	88925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	185674	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78965	48.473	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.940%		
35) Dibromofluoromethane	5.385	113	60991	47.548	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.100%		
50) Toluene-d8	8.647	98	238332	50.047	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.100%		
62) 4-Bromofluorobenzene	11.079	95	93371	47.521	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.040%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	5171	12.641	ug/l #	81
16) Acetone	2.386	43	43874	25.307	ug/l	97
20) Methylene Chloride	2.788	84	6972	5.134	ug/l	91
37) Ethyl Acetate	4.727	43	3252m	1.300	ug/l	
43) Isopropyl Acetate	6.342	43	110476	27.166	ug/l	99

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

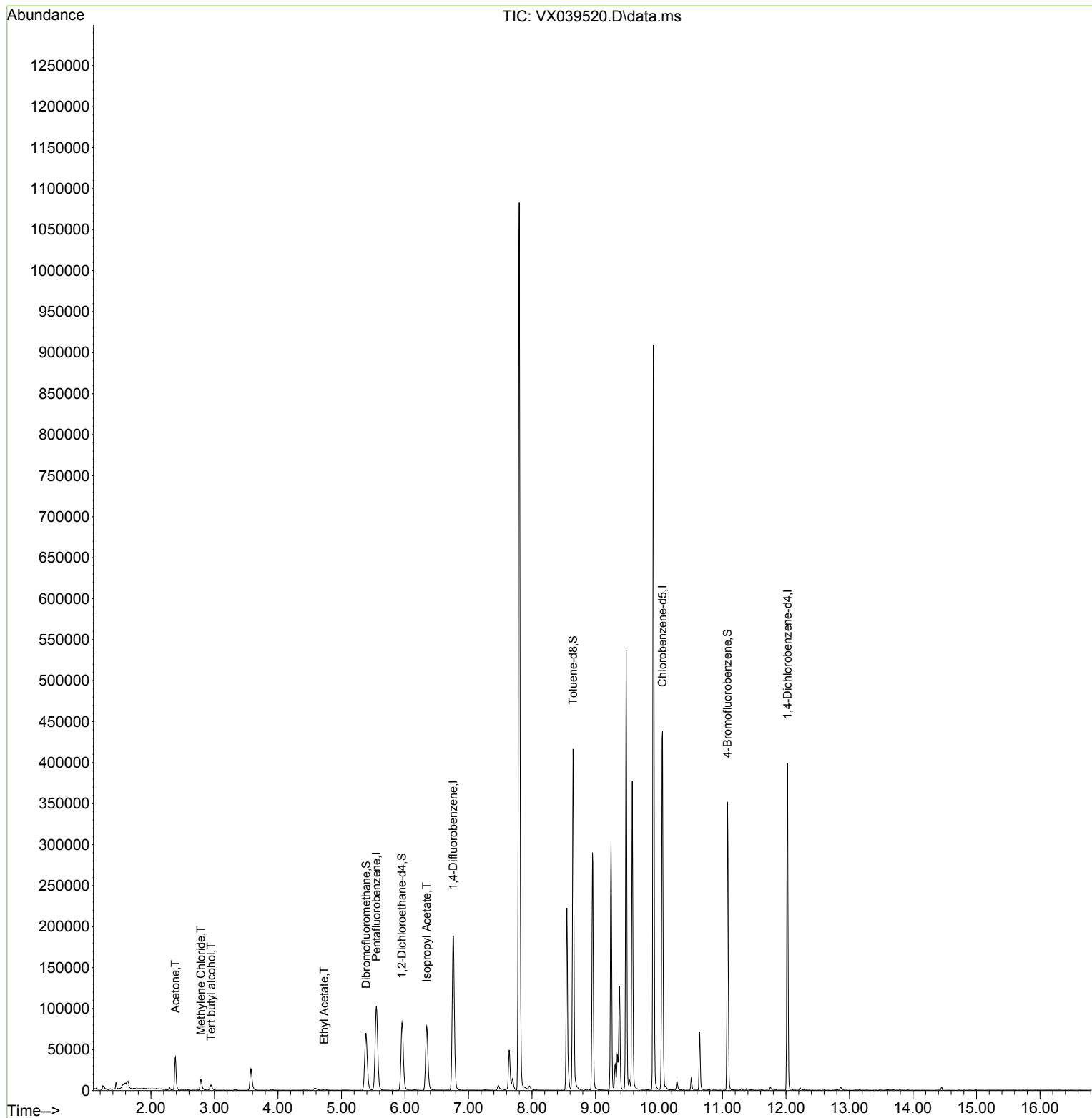
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122823\
Data File : VX039520.D
Acq On : 28 Dec 2023 16:40
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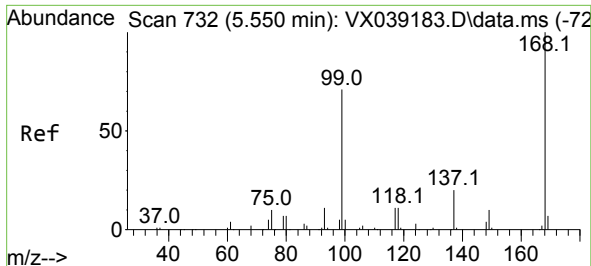
Instrument :
MSVOA_X
ClientSampleId :
MR-322-0-2

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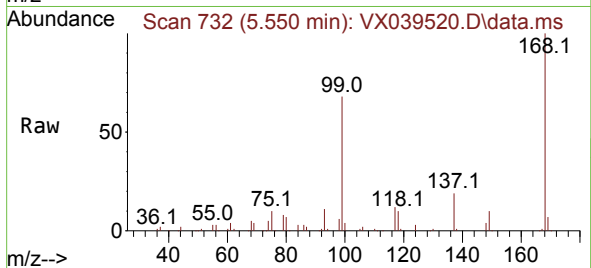
Quant Time: Dec 28 22:53:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX039520.D
Acq: 28 Dec 2023 16:40

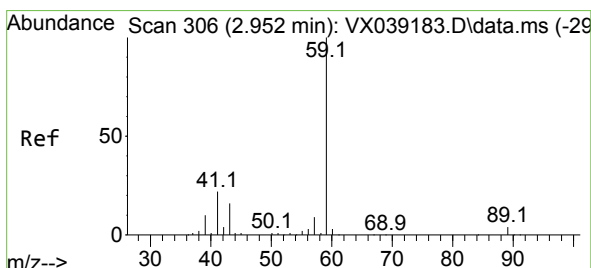
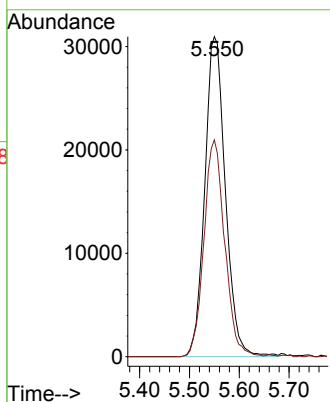
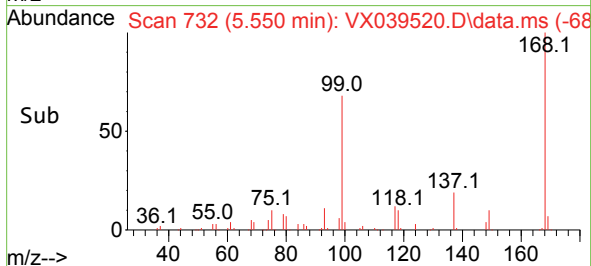
Instrument :
MSVOA_X
ClientSampleId :
MR-322-0-2



Tgt Ion:168 Resp: 88925
Ion Ratio Lower Upper
168 100
99 67.7 56.6 85.0

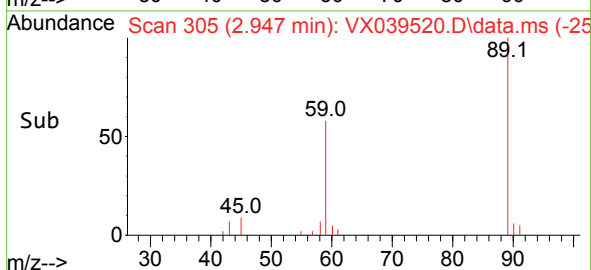
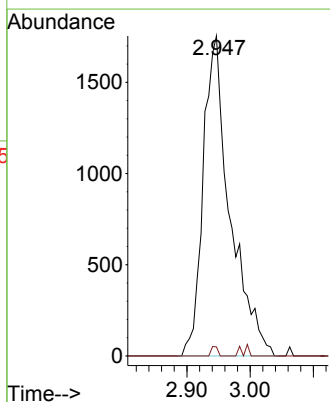
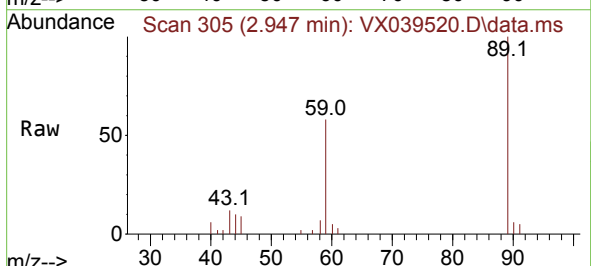
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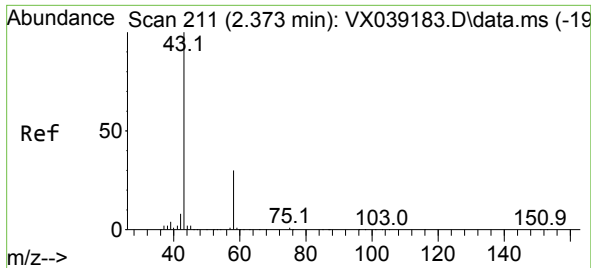
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#11
Tert butyl alcohol
Concen: 12.641 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX039520.D
Acq: 28 Dec 2023 16:40

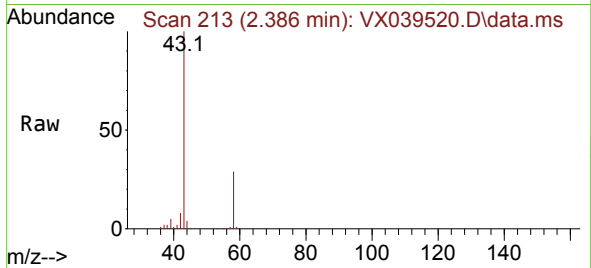
Tgt Ion: 59 Resp: 5171
Ion Ratio Lower Upper
59 100
57 0.7 6.0 9.0#





#16
Acetone
Concen: 25.307 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.013 min
Lab File: VX039520.D
Acq: 28 Dec 2023 16:40

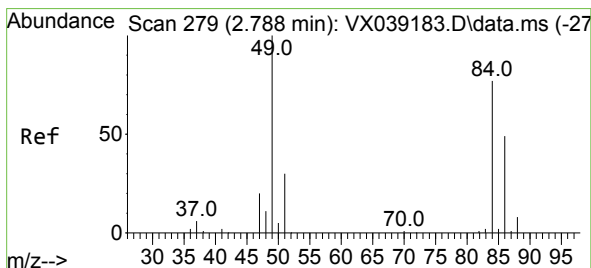
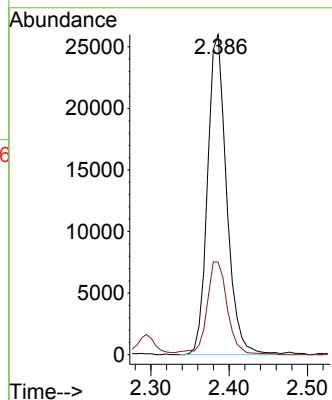
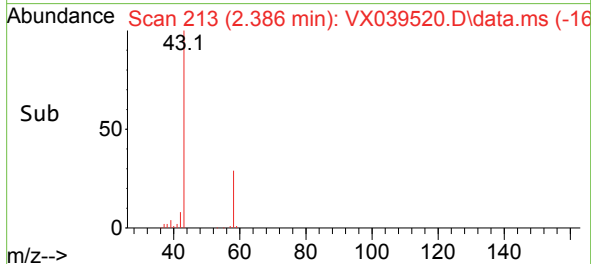
Instrument :
MSVOA_X
ClientSampleId :
MR-322-0-2



Tgt Ion: 43 Resp: 43874
Ion Ratio Lower Upper
43 100
58 28.9 21.9 32.9

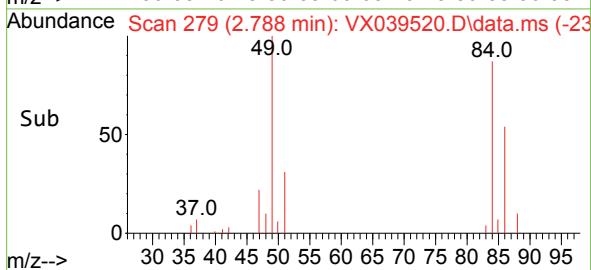
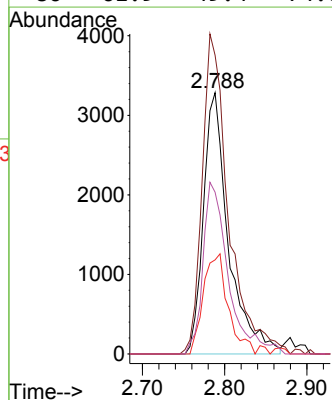
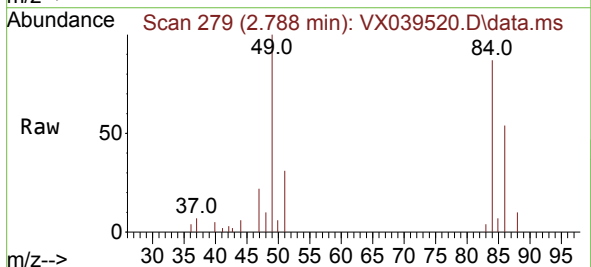
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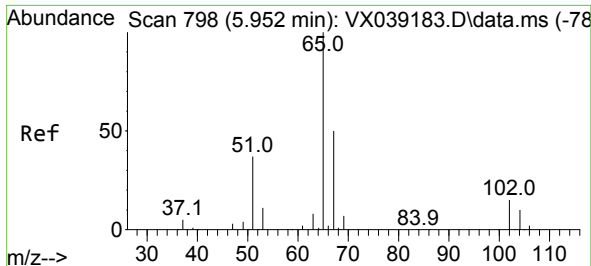
Reviewed By :John Carlone 12/29/2023
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#20
Methylene Chloride
Concen: 5.134 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039520.D
Acq: 28 Dec 2023 16:40

Tgt Ion: 84 Resp: 6972
Ion Ratio Lower Upper
84 100
49 114.3 103.6 155.4
51 36.0 33.8 50.6
86 61.9 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 48.473 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039520.D

Acq: 28 Dec 2023 16:40

Instrument :

MSVOA_X

ClientSampleId :

MR-322-0-2

Tgt Ion: 65 Resp: 7896

Ion Ratio Lower Upper

65 100

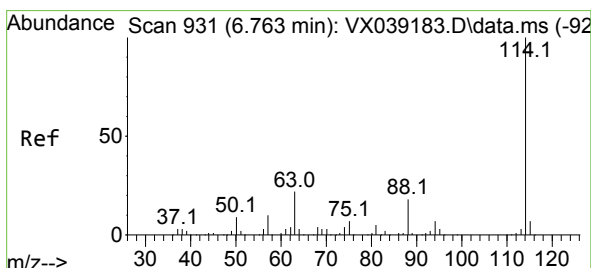
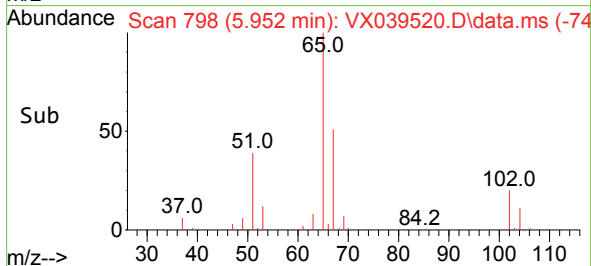
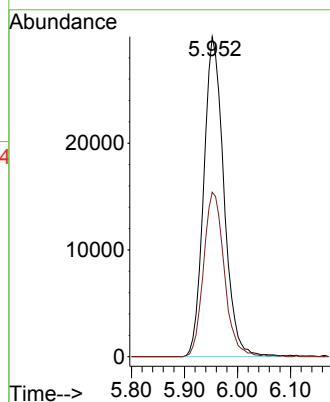
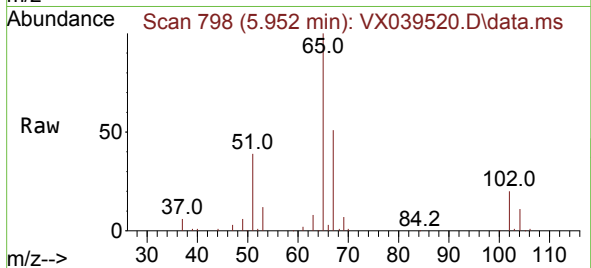
67 53.1 0.0 100.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039520.D

Acq: 28 Dec 2023 16:40

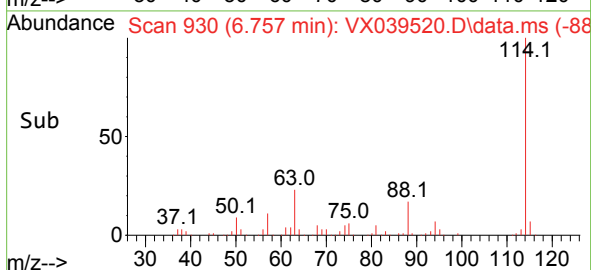
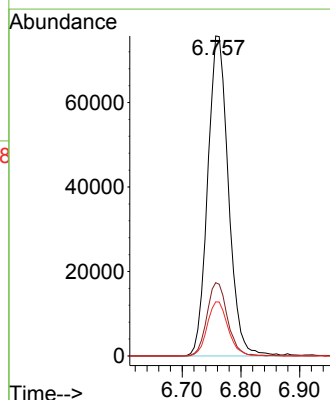
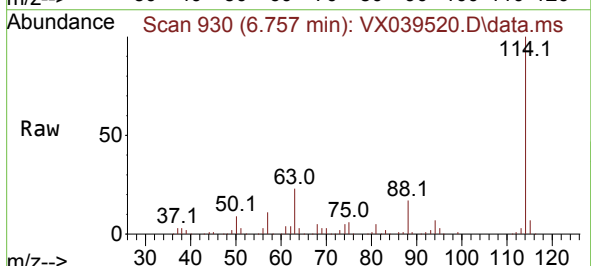
Tgt Ion:114 Resp: 185674

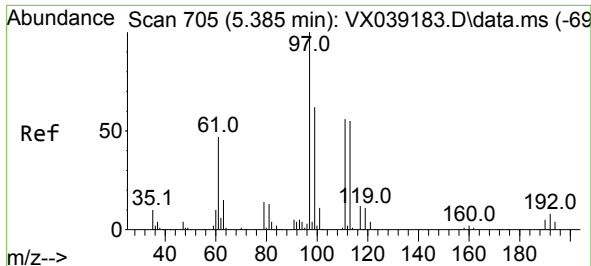
Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.0

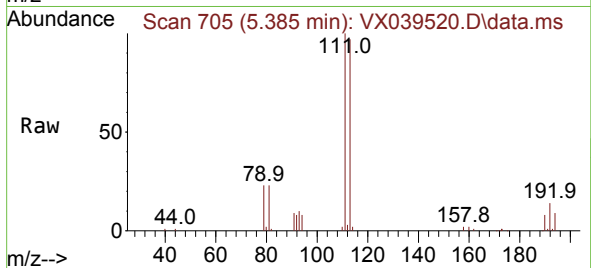
88 16.9 0.0 36.6





#35
Dibromofluoromethane
Concen: 47.548 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039520.D
Acq: 28 Dec 2023 16:40

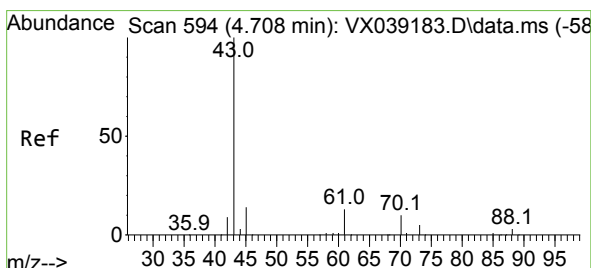
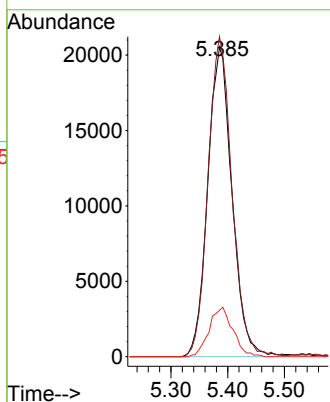
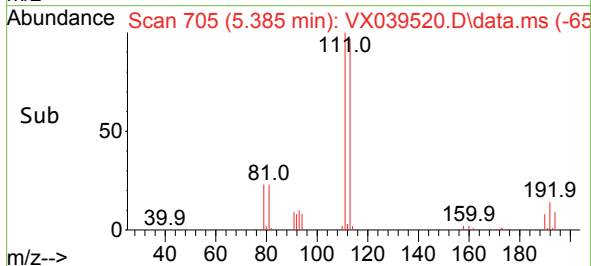
Instrument :
MSVOA_X
ClientSampleId :
MR-322-0-2



Tgt Ion: 113 Resp: 6099
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 15.7 13.3 19.9

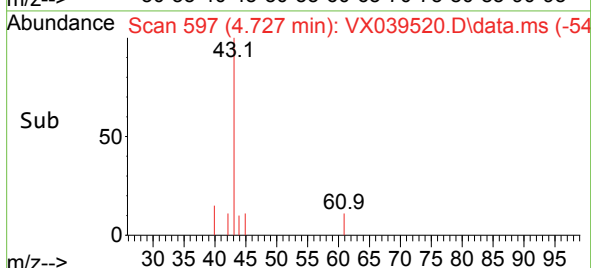
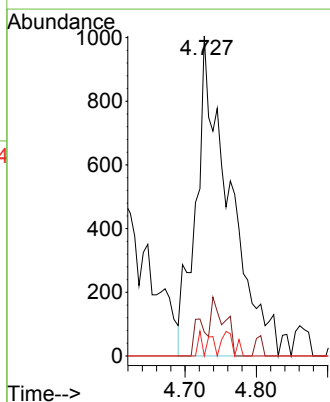
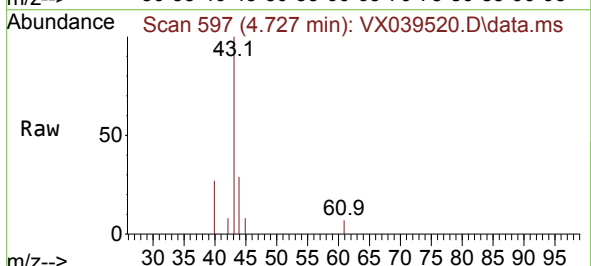
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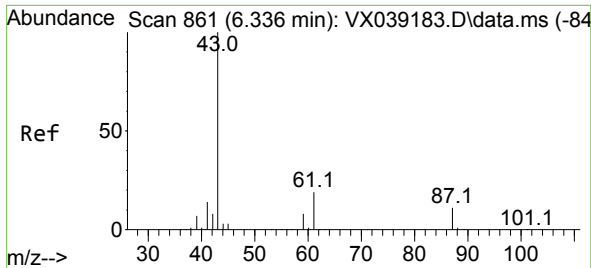
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#37
Ethyl Acetate
Concen: 1.300 ug/l m
RT: 4.727 min Scan# 597
Delta R.T. 0.019 min
Lab File: VX039520.D
Acq: 28 Dec 2023 16:40

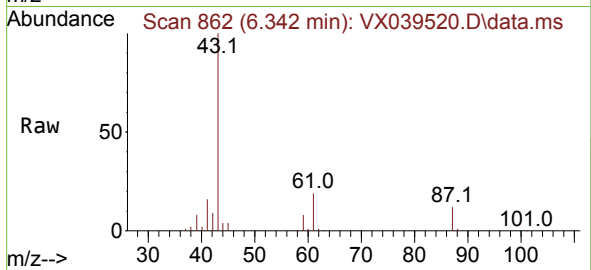
Tgt Ion: 43 Resp: 3252
Ion Ratio Lower Upper
43 100
61 4.1 10.6 16.0#
70 0.9 8.3 12.5#





#43
Isopropyl Acetate
Concen: 27.166 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.007 min
Lab File: VX039520.D
Acq: 28 Dec 2023 16:40

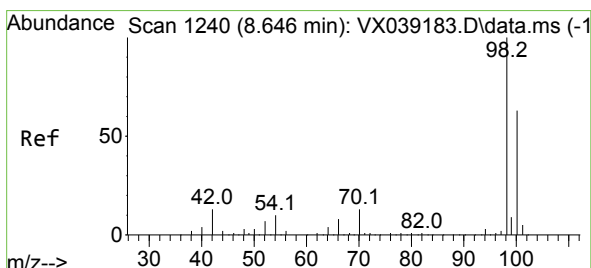
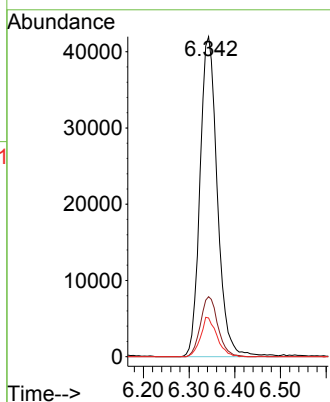
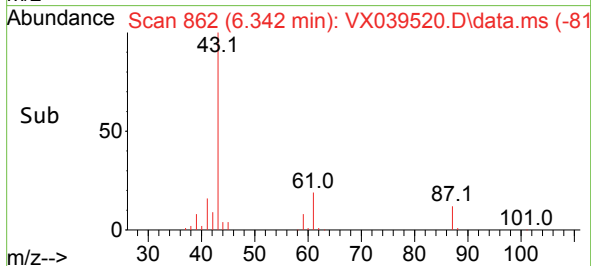
Instrument :
MSVOA_X
ClientSampleId :
MR-322-0-2



Tgt Ion: 43 Resp: 110470
Ion Ratio Lower Upper
43 100
61 18.8 15.2 22.8
87 11.6 9.8 14.6

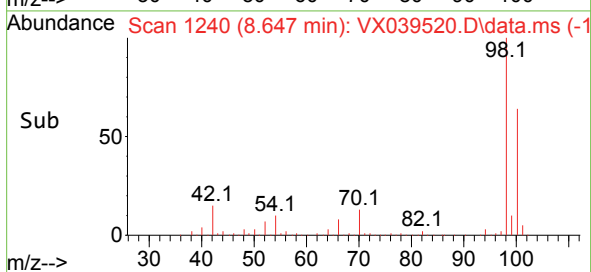
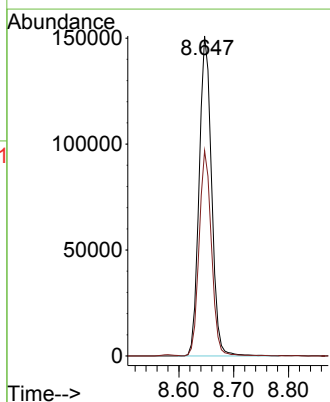
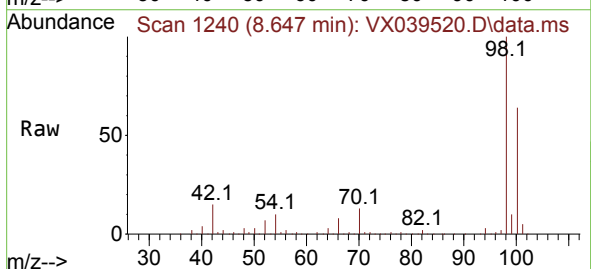
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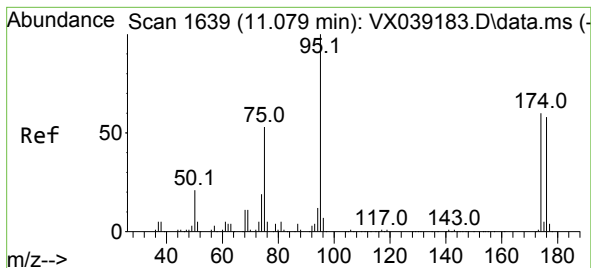
Reviewed By :John Carlone 12/29/2023
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#50
Toluene-d8
Concen: 50.047 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039520.D
Acq: 28 Dec 2023 16:40

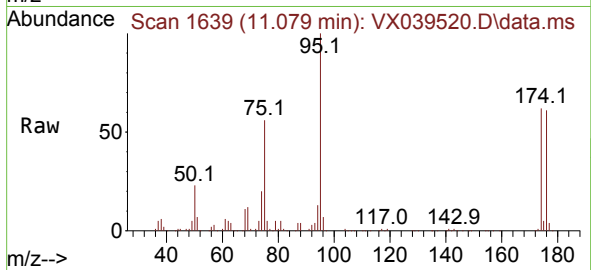
Tgt Ion: 98 Resp: 238332
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7





#62
4-Bromofluorobenzene
Concen: 47.521 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039520.D
Acq: 28 Dec 2023 16:40

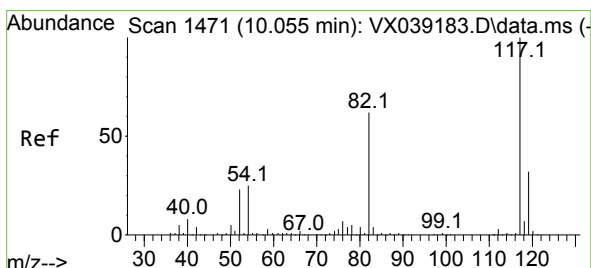
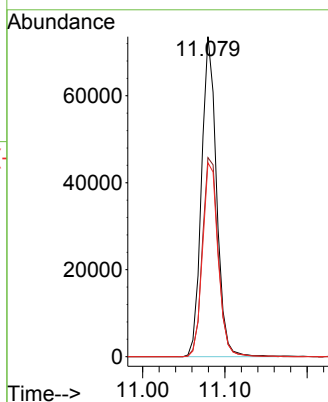
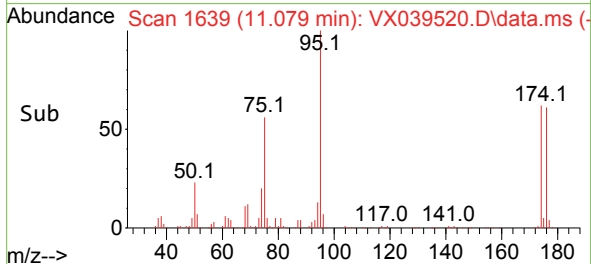
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ClientSampleId :
MR-322-0-2



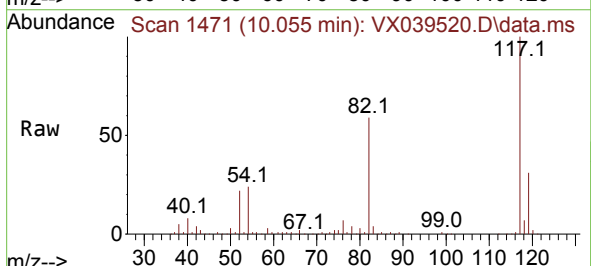
Tgt Ion: 95 Resp: 9337
Ion Ratio Lower Upper
95 100
174 65.5 0.0 135.6
176 63.0 0.0 131.0

Manual Integrations
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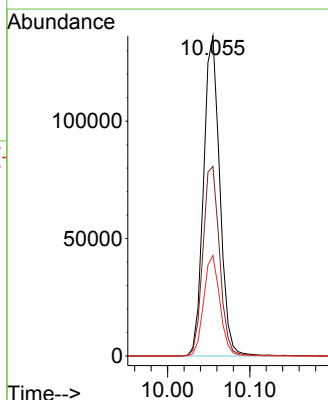
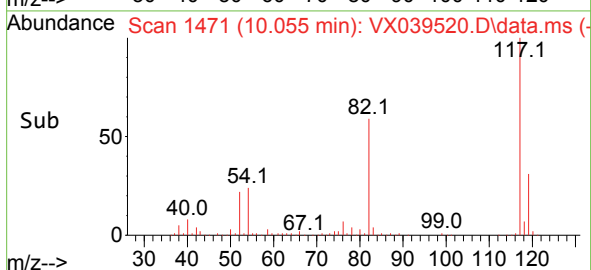
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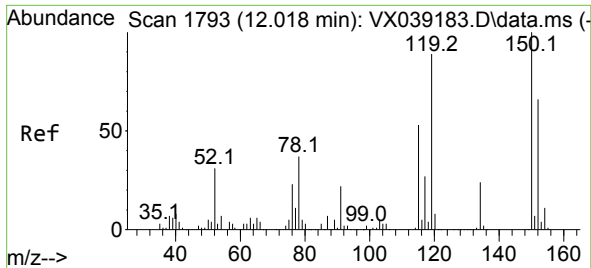


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039520.D
Acq: 28 Dec 2023 16:40



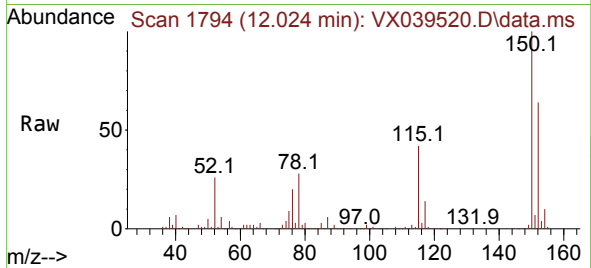
Tgt Ion:117 Resp: 187155
Ion Ratio Lower Upper
117 100
82 59.2 46.2 69.4
119 31.4 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.007 min
 Lab File: VX039520.D
 Acq: 28 Dec 2023 16:40

Instrument :
 MSVOA_X
 ClientSampleId :
 MR-322-0-2



Tgt Ion:152 Resp: 77088
 Ion Ratio Lower Upper
 152 100
 115 67.3 43.3 129.9
 150 156.5 0.0 345.0

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