

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102423\
 Data File : VX038456.D
 Acq On : 24 Oct 2023 15:31
 Operator : JC/MD
 Sample : 04975-01
 Misc : 1.12g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 54

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/25/2023
 Supervised By : Mahesh Dadoda 10/25/2023

Quant Time: Oct 25 06:09:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	157814	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	6.757	114	270856	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	269308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99062	39.026	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	78.060%		
35) Dibromofluoromethane	5.385	113	83123	42.590	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	85.180%		
50) Toluene-d8	8.647	98	328823	44.091	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.180%#		
62) 4-Bromofluorobenzene	11.085	95	132057	46.707	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.420%		
Target Compounds						
					Qvalue	
31) Cyclohexane	5.489	56	7516m	2.733	ug/l	
39) Methylcyclohexane	7.373	83	3281	1.041	ug/l #	91
52) Toluene	8.720	92	202674	41.333	ug/l	94
68) m/p-Xylenes	10.305	106	3895	1.001	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	18455	2.048	ug/l	97

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

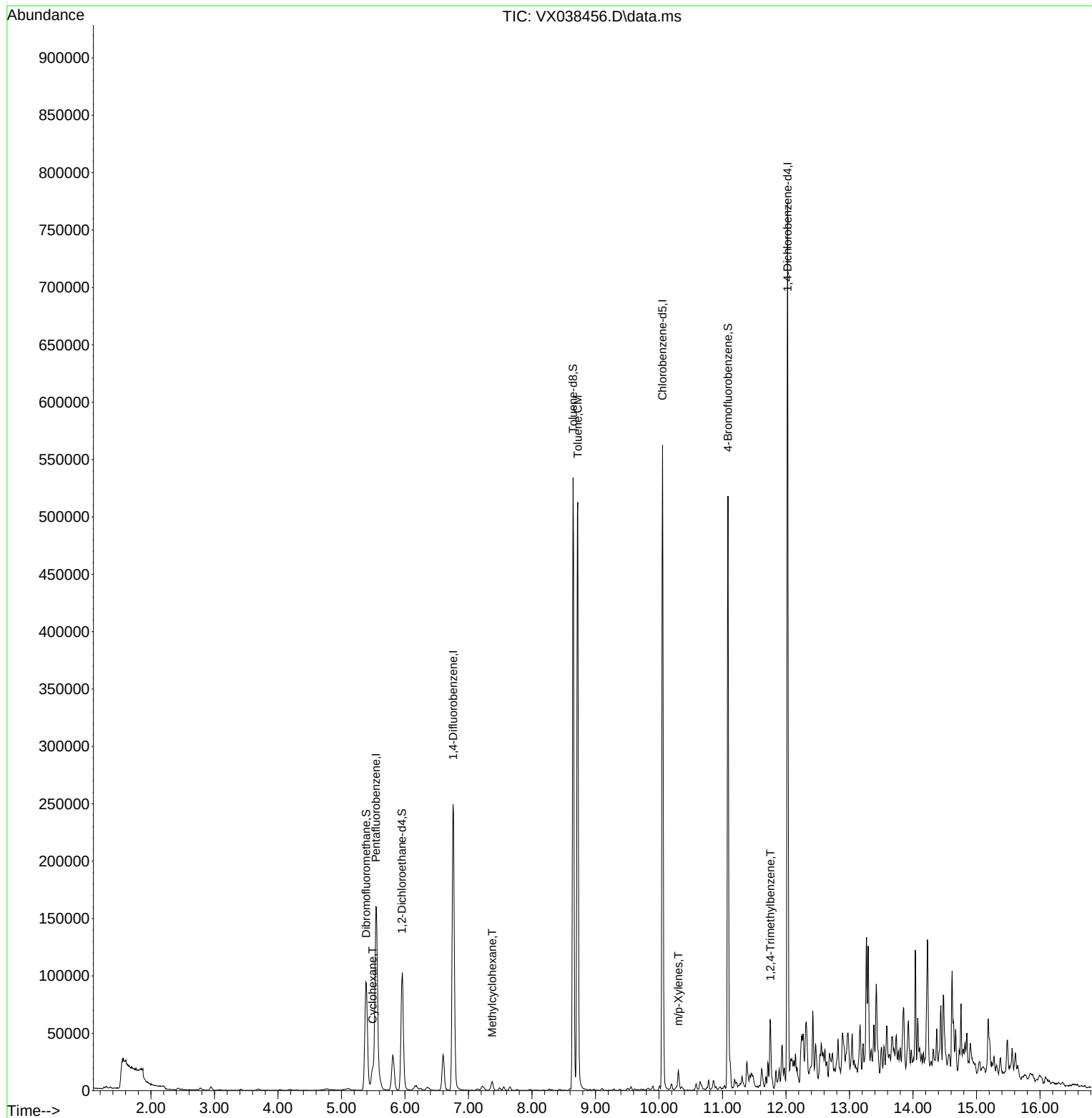
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102423\
Data File : VX038456.D
Acq On : 24 Oct 2023 15:31
Operator : JC/MD
Sample : 04975-01
Misc : 1.12g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

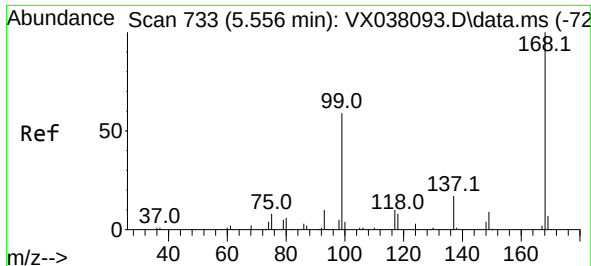
Instrument :
MSVOA_X
ClientSampleId :
54

Quant Time: Oct 25 06:09:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

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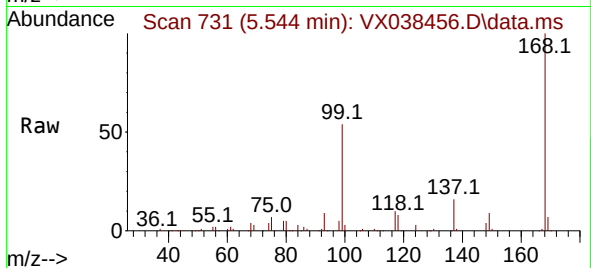
Reviewed By : John Carlone 10/25/2023
Supervised By : Mahesh Dadoda 10/25/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 714
Delta R.T. -0.012 min
Lab File: VX038456.D
Acq: 24 Oct 2023 15:31

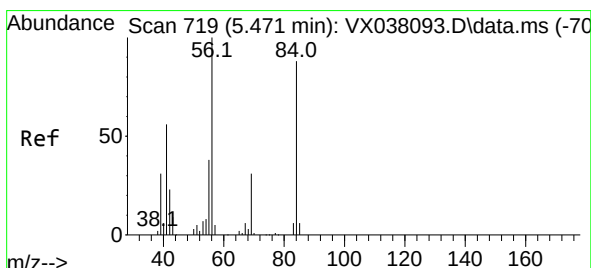
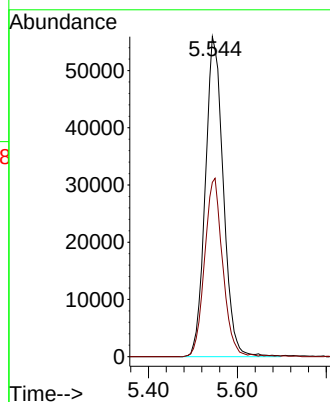
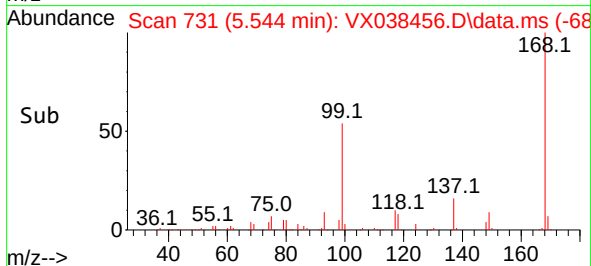
Instrument :
MSVOA_X
ClientSampleId :
54



Tgt Ion:168 Resp: 157814
Ion Ratio Lower Upper
168 100
99 54.5 56.6 85.0#

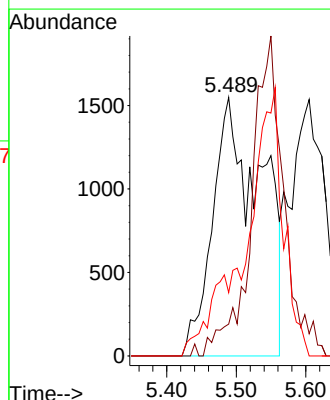
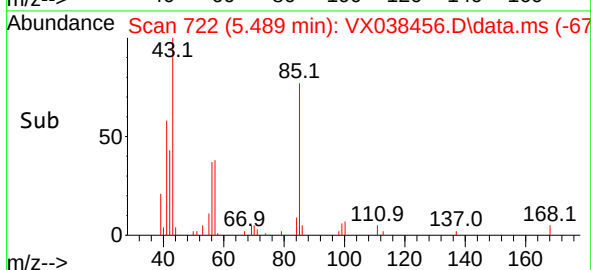
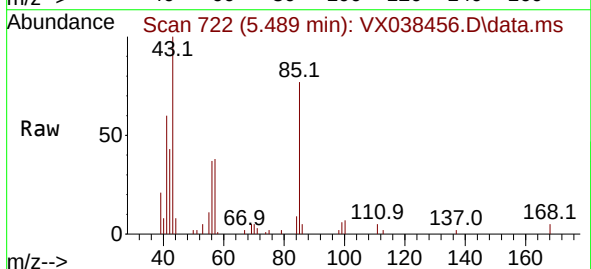
Manual Integrations
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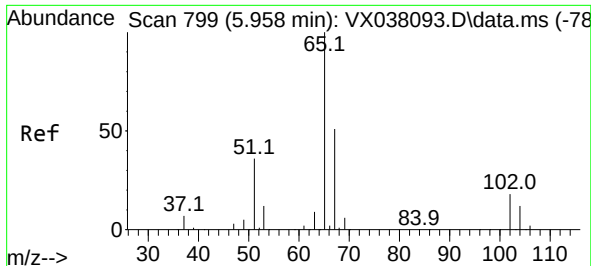
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#31
Cyclohexane
Concen: 2.733 ug/l m
RT: 5.489 min Scan# 722
Delta R.T. 0.018 min
Lab File: VX038456.D
Acq: 24 Oct 2023 15:31

Tgt Ion: 56 Resp: 7516
Ion Ratio Lower Upper
56 100
69 12.3 23.4 35.2#
84 24.5 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 39.026 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX038456.D

Acq: 24 Oct 2023 15:31

Instrument :

MSVOA_X

ClientSampleId :

54

Tgt Ion: 65 Resp: 99062

Ion Ratio Lower Upper

65 100

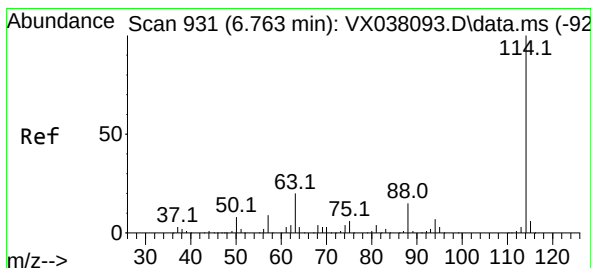
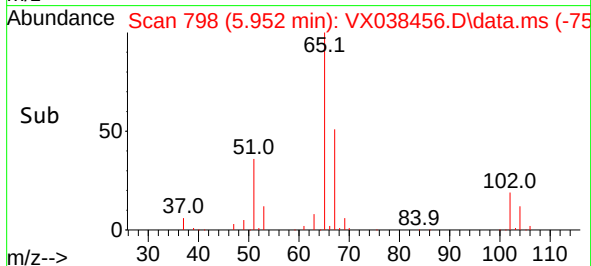
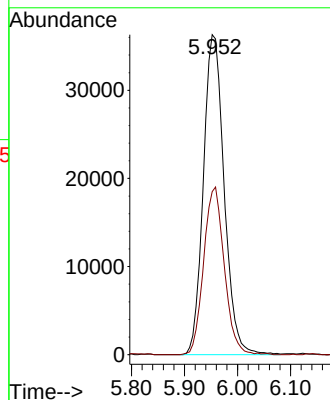
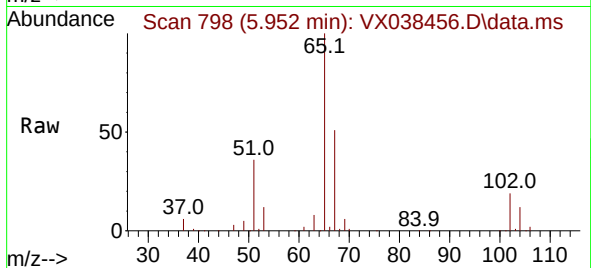
67 52.0 0.0 100.2

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Supervised By :Mahesh Dadoda 10/25/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038456.D

Acq: 24 Oct 2023 15:31

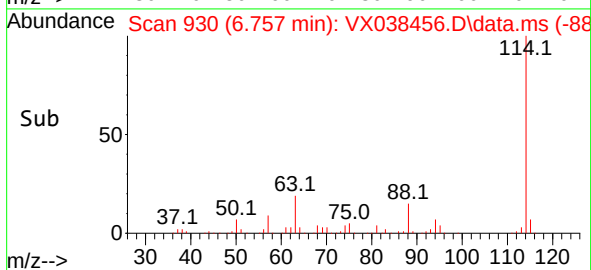
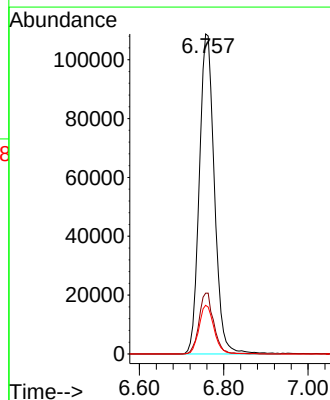
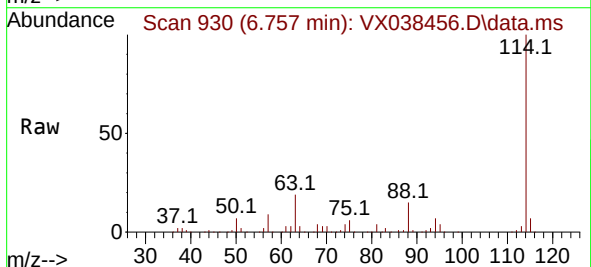
Tgt Ion:114 Resp: 270856

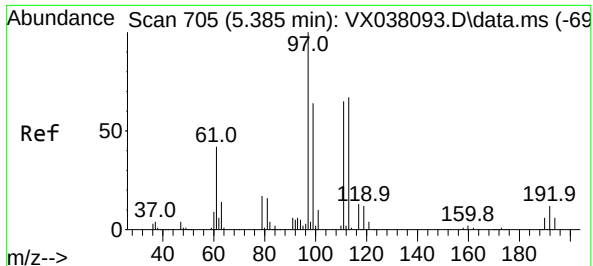
Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.0

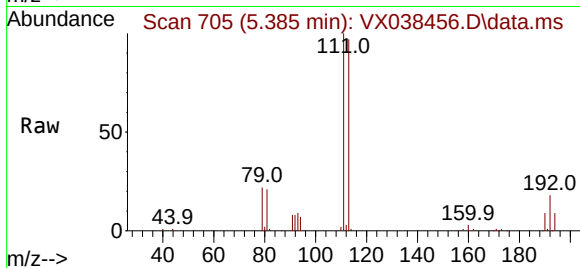
88 15.2 0.0 36.6





#35
Dibromofluoromethane
Concen: 42.590 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038456.D
Acq: 24 Oct 2023 15:31

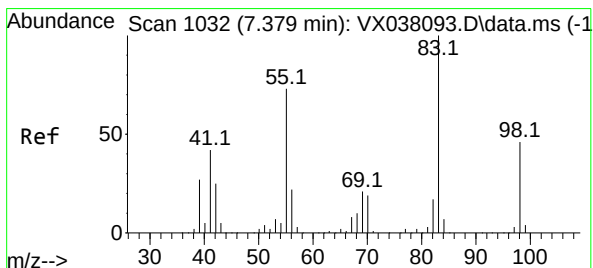
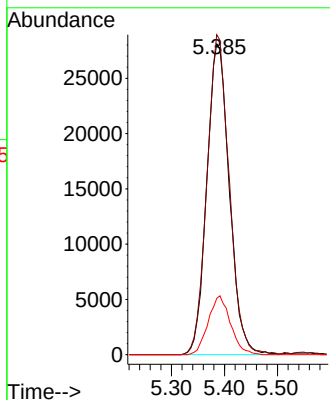
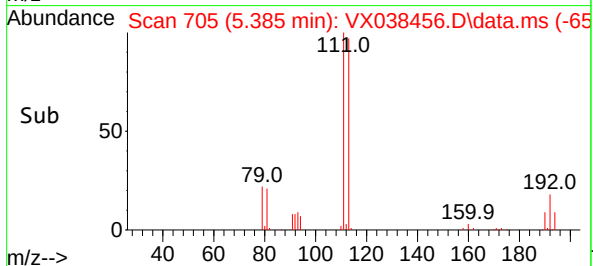
Instrument :
MSVOA_X
ClientSampleId :
54



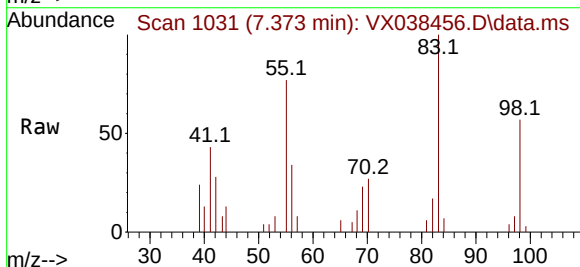
Tgt Ion: 113 Resp: 8312
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 18.7 13.3 19.9

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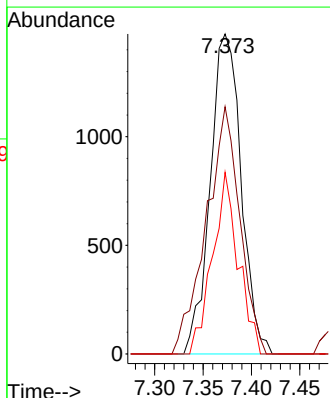
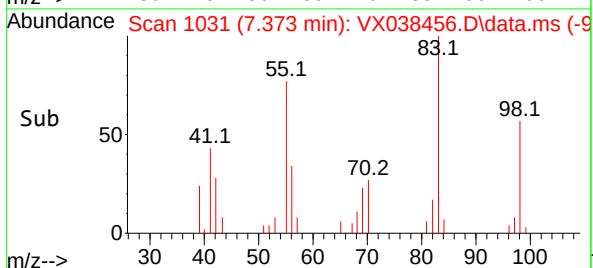
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

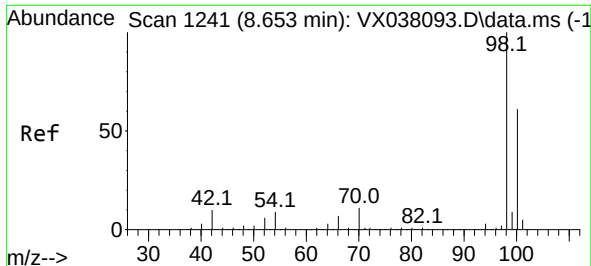


#39
Methylcyclohexane
Concen: 1.041 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.012 min
Lab File: VX038456.D
Acq: 24 Oct 2023 15:31



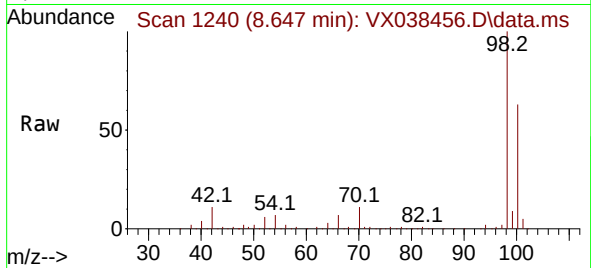
Tgt Ion: 83 Resp: 3281
Ion Ratio Lower Upper
83 100
55 77.3 64.6 97.0
98 56.8 36.7 55.1#





#50
Toluene-d8
Concen: 44.091 ug/l
RT: 8.647 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VX038456.D
Acq: 24 Oct 2023 15:31

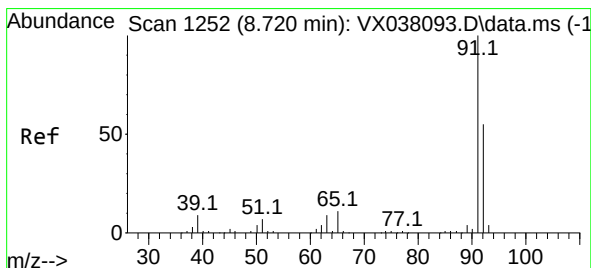
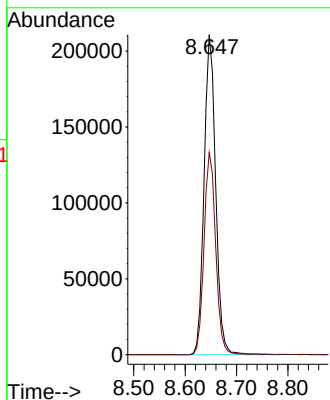
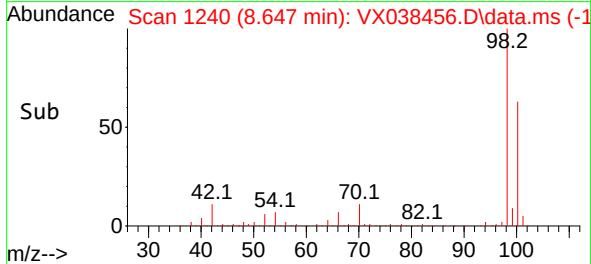
Instrument :
MSVOA_X
ClientSampleId :
54



Tgt Ion: 98 Resp: 32882
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7

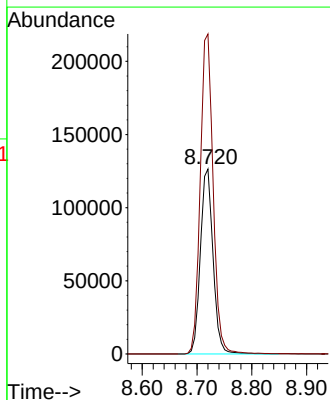
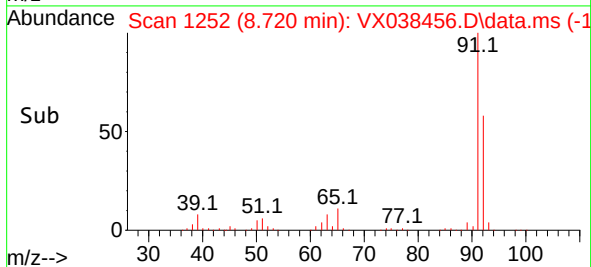
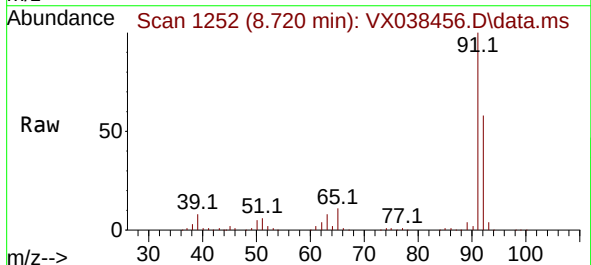
Manual Integrations
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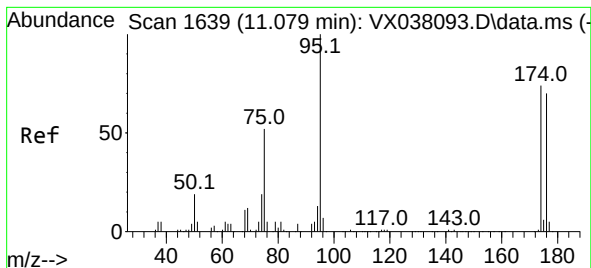
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#52
Toluene
Concen: 41.333 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038456.D
Acq: 24 Oct 2023 15:31

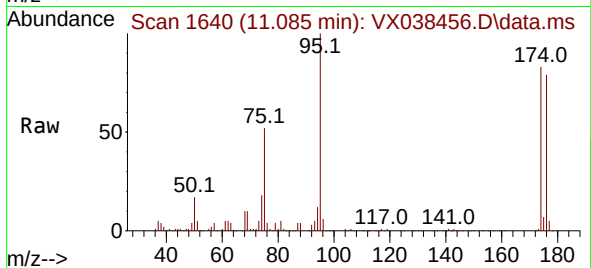
Tgt Ion: 92 Resp: 202674
Ion Ratio Lower Upper
92 100
91 175.9 134.2 201.2





#62
4-Bromofluorobenzene
Concen: 46.707 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX038456.D
Acq: 24 Oct 2023 15:31

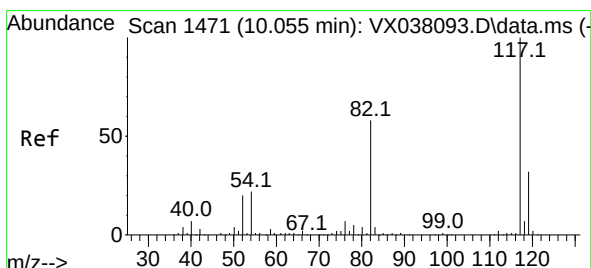
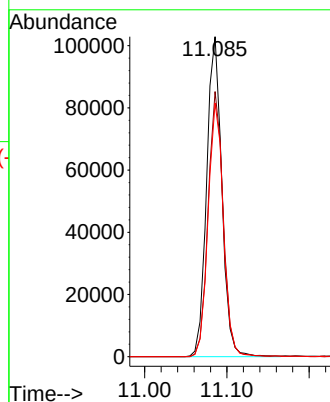
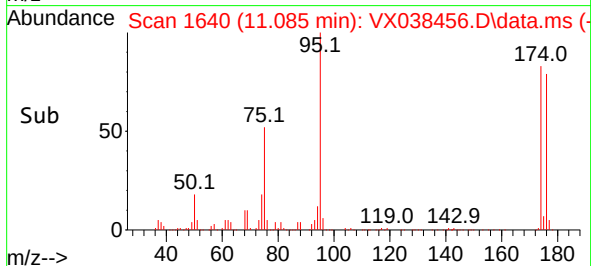
Instrument :
MSVOA_X
ClientSampleId :
54



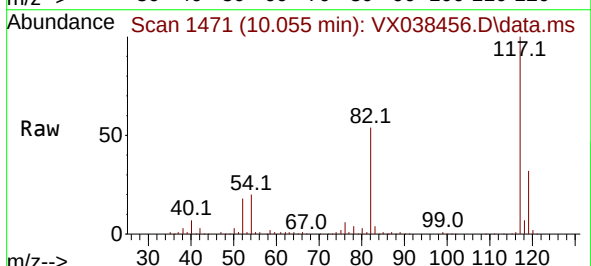
Tgt Ion: 95 Resp: 13205
Ion Ratio Lower Upper
95 100
174 82.4 0.0 135.6
176 80.0 0.0 131.0

Manual Integrations
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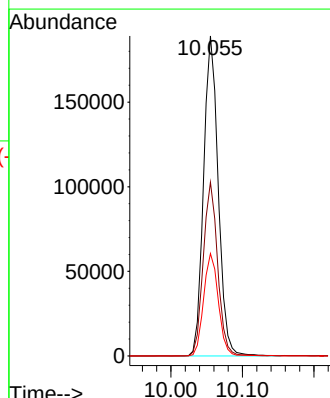
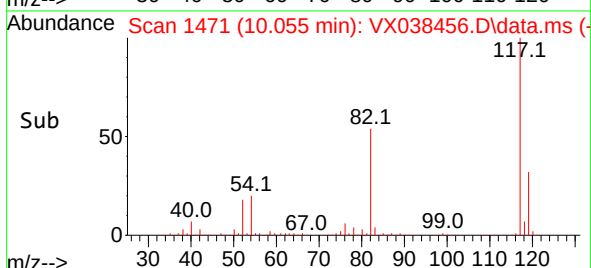
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

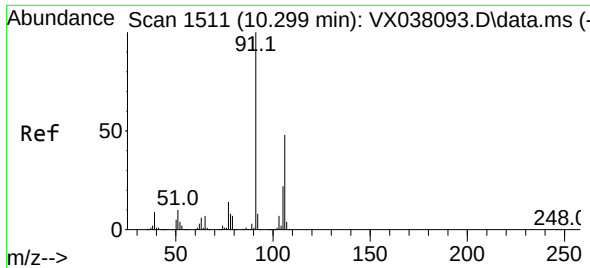


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038456.D
Acq: 24 Oct 2023 15:31



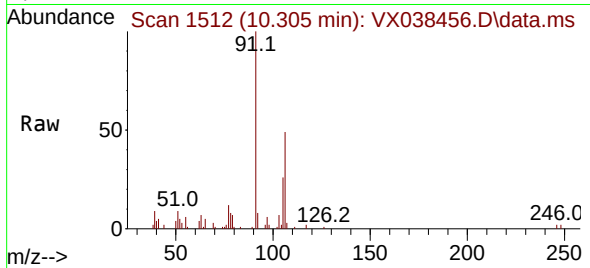
Tgt Ion:117 Resp: 269308
Ion Ratio Lower Upper
117 100
82 54.3 46.2 69.4
119 32.0 25.5 38.3





#68
m/p-Xylenes
Concen: 1.001 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038456.D
Acq: 24 Oct 2023 15:31

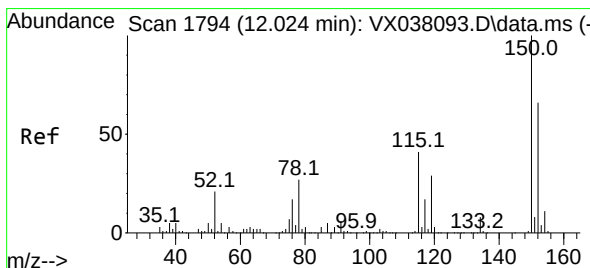
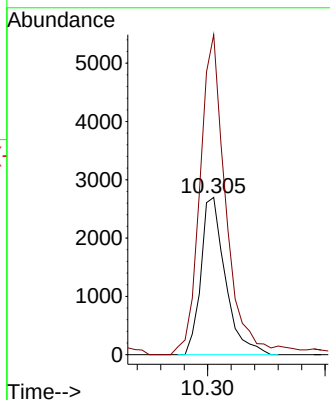
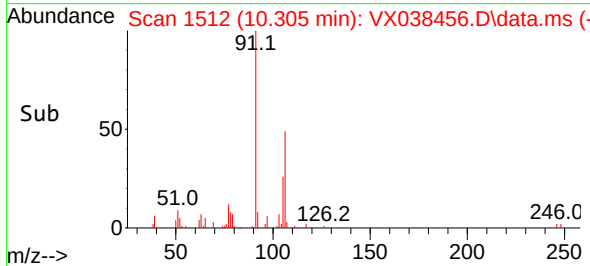
Instrument :
MSVOA_X
ClientSampleId :
54



Tgt Ion:106 Resp: 389
Ion Ratio Lower Upper
106 100
91 217.4 165.5 248.3

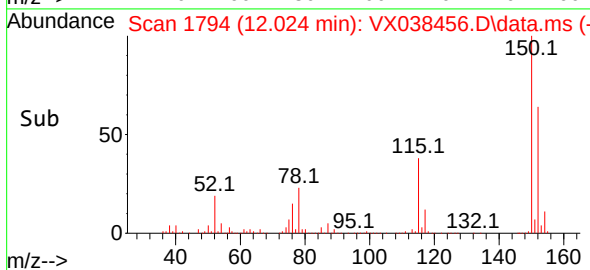
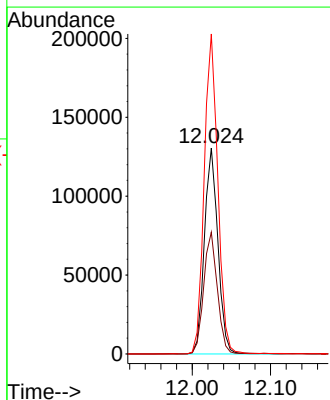
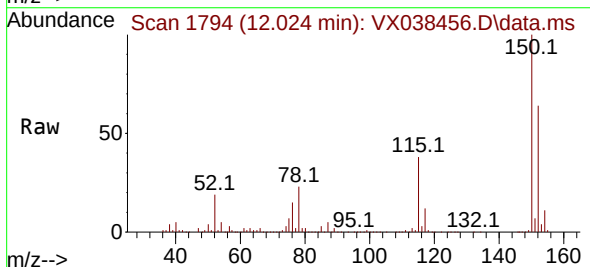
Manual Integrations
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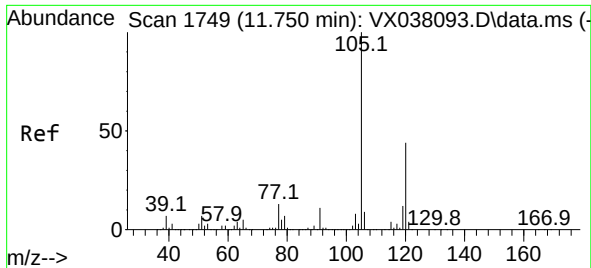
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038456.D
Acq: 24 Oct 2023 15:31

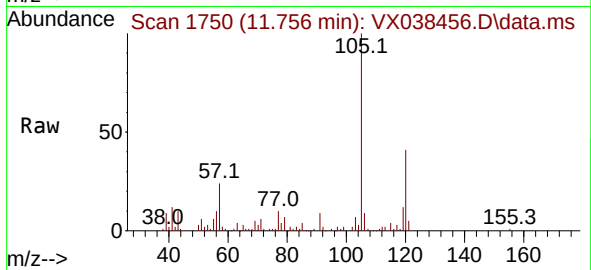
Tgt Ion:152 Resp: 156222
Ion Ratio Lower Upper
152 100
115 59.4 43.3 129.9
150 156.2 0.0 345.0





#84
 1,2,4-Trimethylbenzene
 Concen: 2.048 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX038456.D
 Acq: 24 Oct 2023 15:31

Instrument :
 MSVOA_X
 ClientSampleId :
 54



Tgt Ion:105 Resp: 1845
 Ion Ratio Lower Upper
 105 100
 120 44.0 21.2 63.6

Manual Integrations
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