

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022324\
 Data File : VX040441.D
 Acq On : 23 Feb 2024 18:51
 Operator : JC/MD
 Sample : PB159217ZHE#11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB159217ZHE#11

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/26/2024
 Supervised By : Mahesh Dadoda 02/26/2024

Quant Time: Feb 23 22:24:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 23 06:47:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	68744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	122730	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57385	51.257	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.520%			
35) Dibromofluoromethane	5.385	113	41780	50.517	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.040%			
50) Toluene-d8	8.647	98	157815	52.827	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.660%			
62) 4-Bromofluorobenzene	11.079	95	62332	52.069	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.140%			
Target Compounds						
16) Acetone	2.380	43	27451	58.847	ug/l	100
20) Methylene Chloride	2.788	84	9445	9.670	ug/l	97
37) Ethyl Acetate	4.739	43	1881m	1.286	ug/l	
43) Isopropyl Acetate	6.342	43	57100	25.447	ug/l	98

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

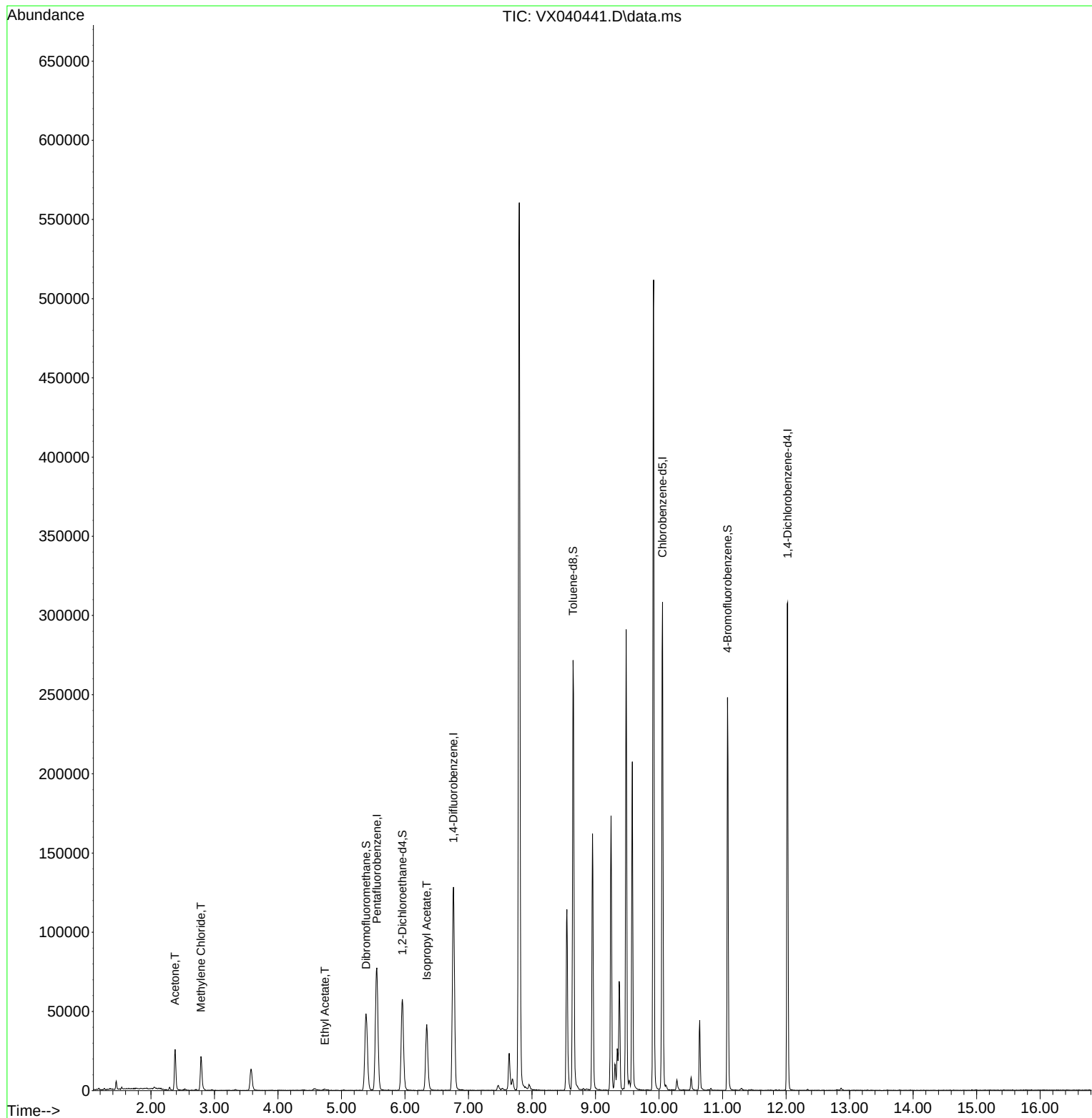
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022324\
Data File : VX040441.D
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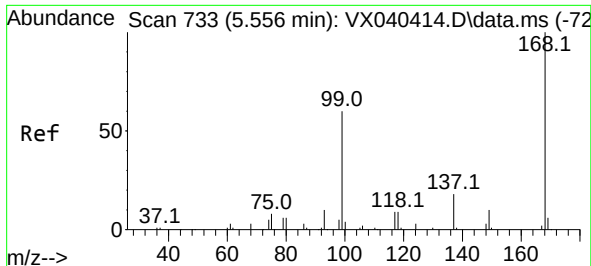
Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#11

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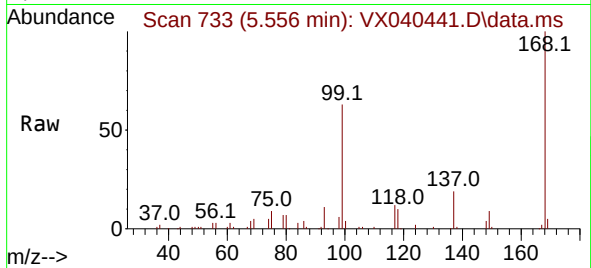
Quant Time: Feb 23 22:24:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 23 06:47:29 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX040441.D
Acq: 23 Feb 2024 18:51

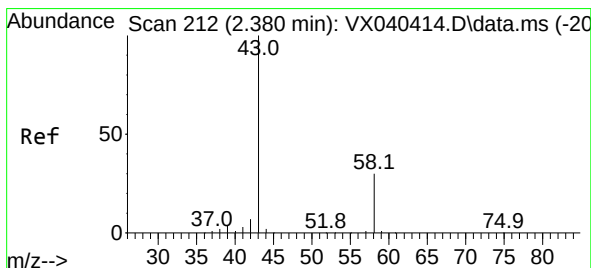
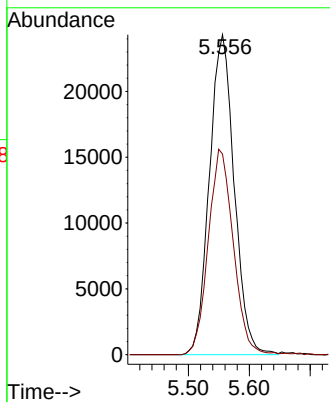
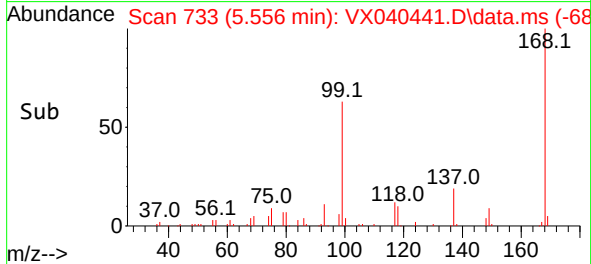
Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#11



Tgt Ion:168 Resp: 68744
Ion Ratio Lower Upper
168 100
99 62.7 56.6 85.0

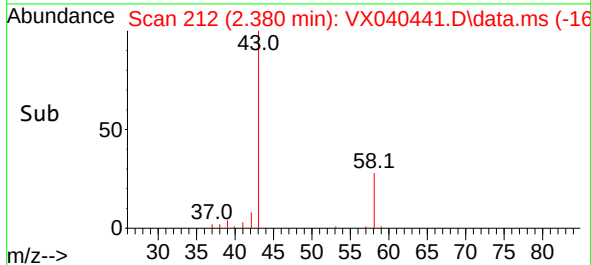
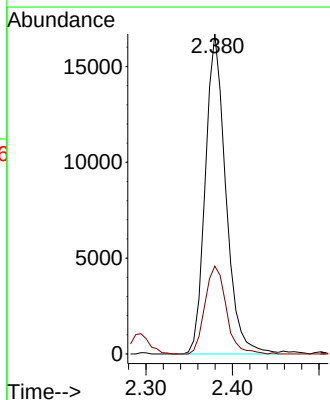
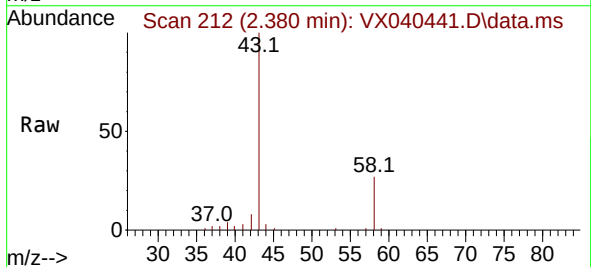
Manual Integrations
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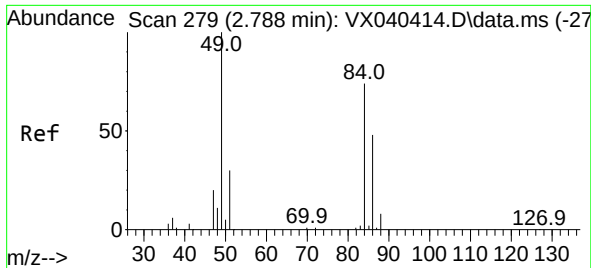
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#16
Acetone
Concen: 58.847 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040441.D
Acq: 23 Feb 2024 18:51

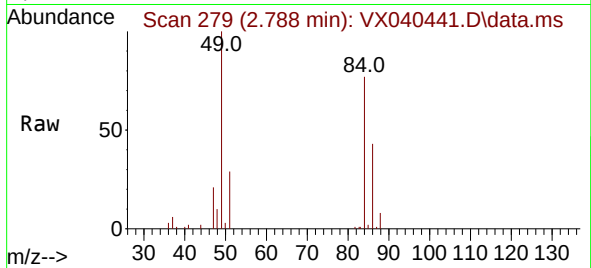
Tgt Ion: 43 Resp: 27451
Ion Ratio Lower Upper
43 100
58 27.5 21.9 32.9





#20
Methylene Chloride
Concen: 9.670 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040441.D
Acq: 23 Feb 2024 18:51

Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#11

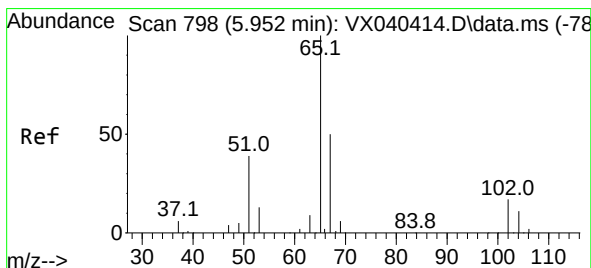
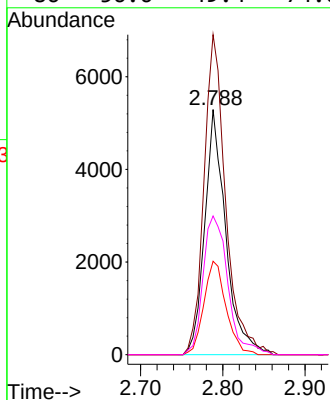
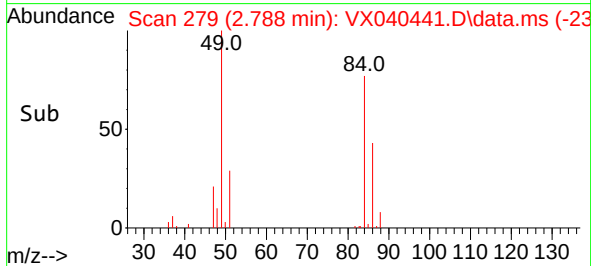


Tgt Ion: 84 Resp: 944

Ion	Ratio	Lower	Upper
84	100		
49	130.6	103.6	155.4
51	38.1	33.8	50.6
86	56.6	49.4	74.0

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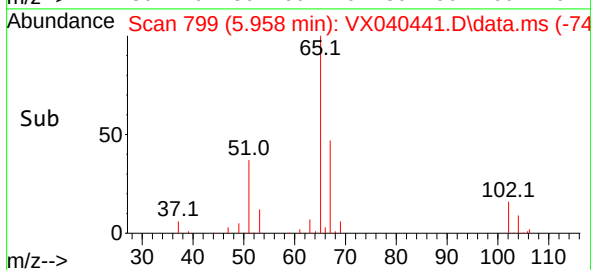
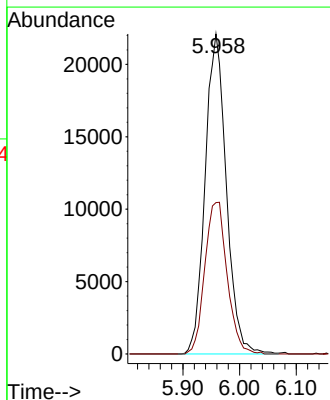
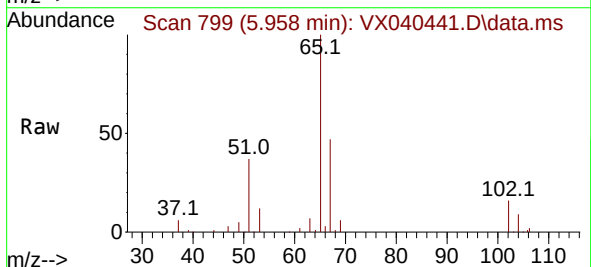
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

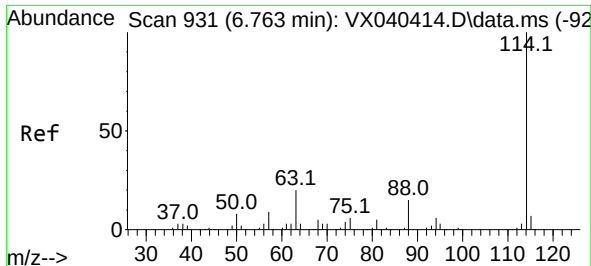


#33
1,2-Dichloroethane-d4
Concen: 51.257 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX040441.D
Acq: 23 Feb 2024 18:51

Tgt Ion: 65 Resp: 57385

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	100.2





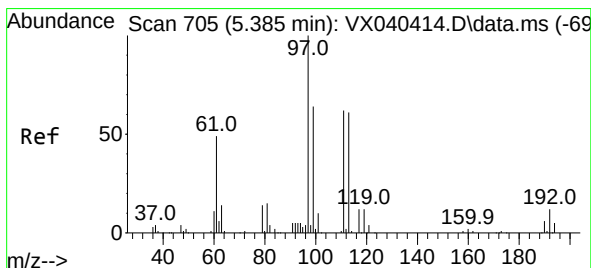
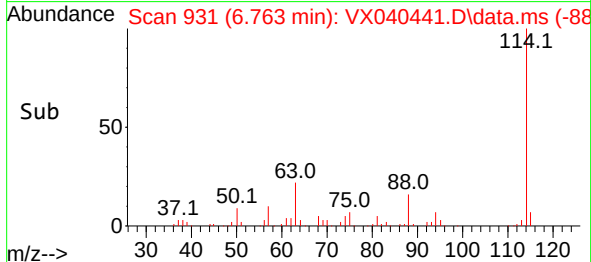
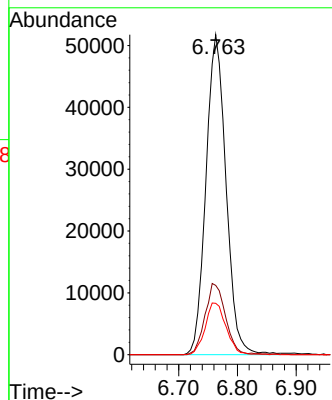
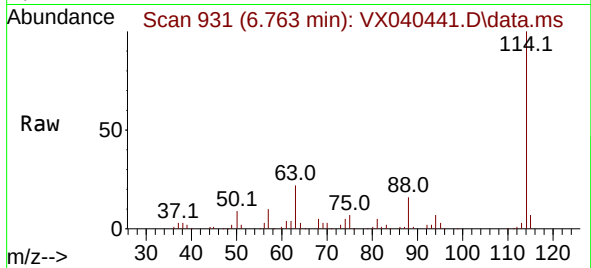
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX040441.D
Acq: 23 Feb 2024 18:51

Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#11

Tgt Ion:114 Resp: 122730
Ion Ratio Lower Upper
114 100
63 21.7 0.0 45.0
88 16.1 0.0 36.6

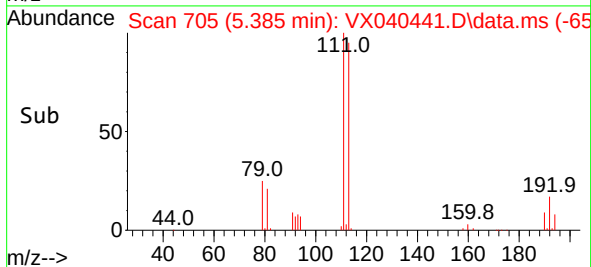
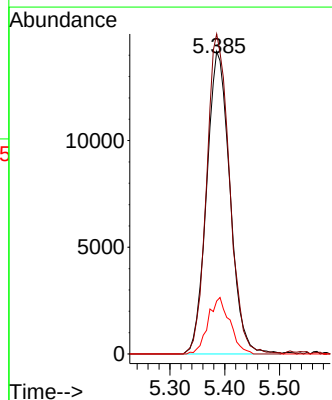
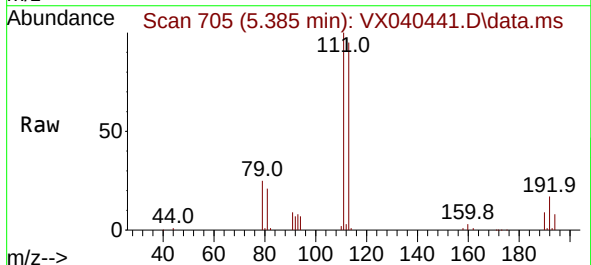
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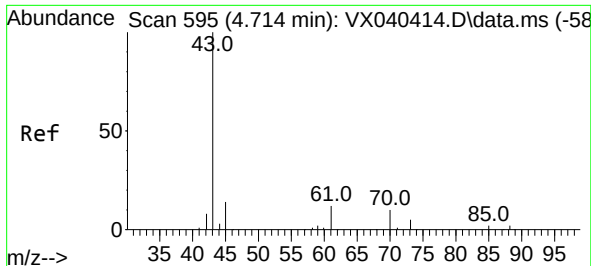
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#35
Dibromofluoromethane
Concen: 50.517 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040441.D
Acq: 23 Feb 2024 18:51

Tgt Ion:113 Resp: 41780
Ion Ratio Lower Upper
113 100
111 104.0 82.9 124.3
192 17.5 13.3 19.9





#37

Ethyl Acetate

Concen: 1.286 ug/l m

RT: 4.739 min Scan# 599

Delta R.T. 0.024 min

Lab File: VX040441.D

Acq: 23 Feb 2024 18:51

Instrument :

MSVOA_X

ClientSampleId :

PB159217ZHE#11

Tgt Ion: 43 Resp: 188

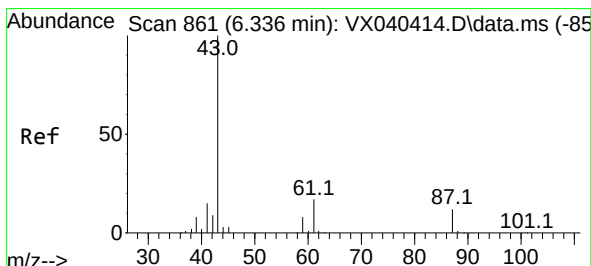
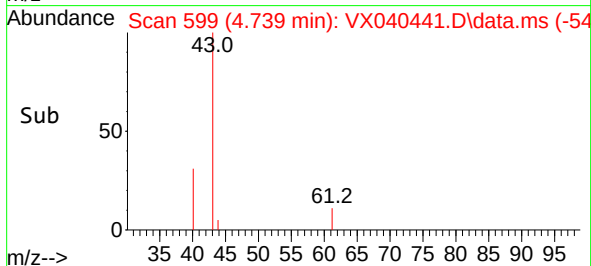
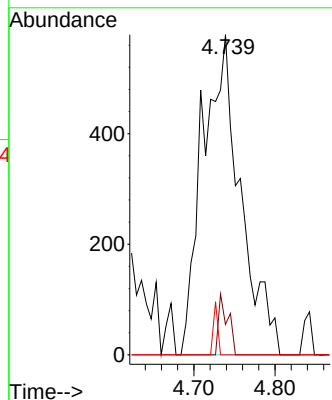
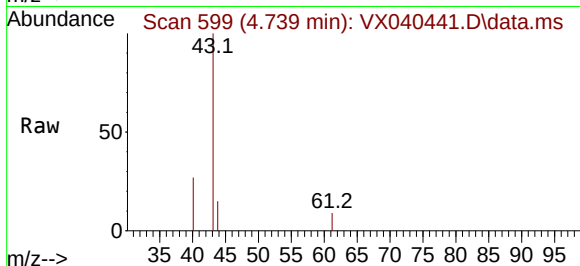
Ion	Ratio	Lower	Upper
43	100		
61	4.7	10.6	16.0
70	1.9	8.3	12.5

Manual Integrations

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Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#43

Isopropyl Acetate

Concen: 25.447 ug/l

RT: 6.342 min Scan# 862

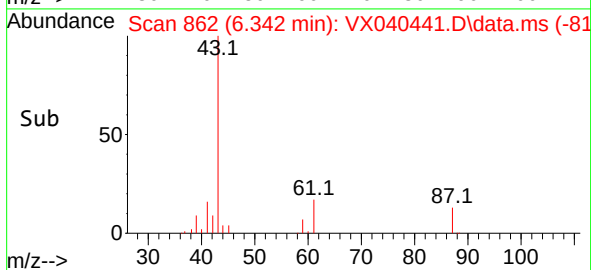
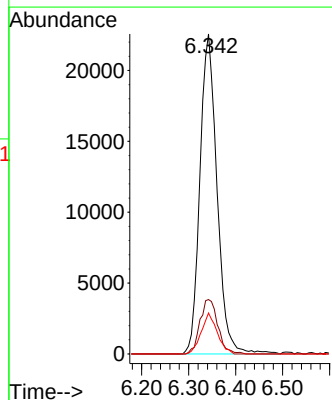
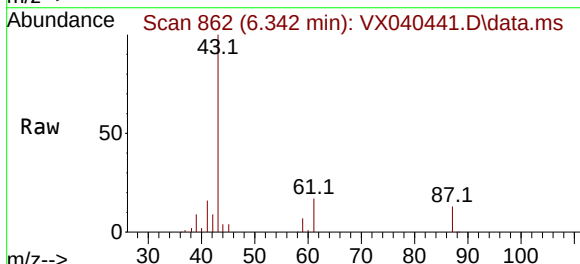
Delta R.T. 0.006 min

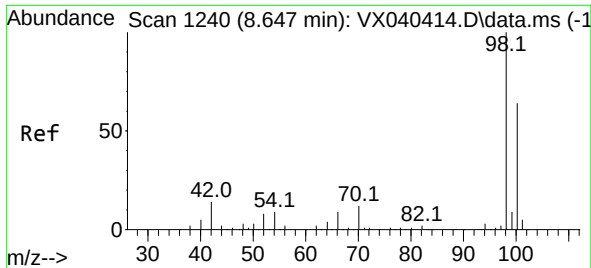
Lab File: VX040441.D

Acq: 23 Feb 2024 18:51

Tgt Ion: 43 Resp: 57100

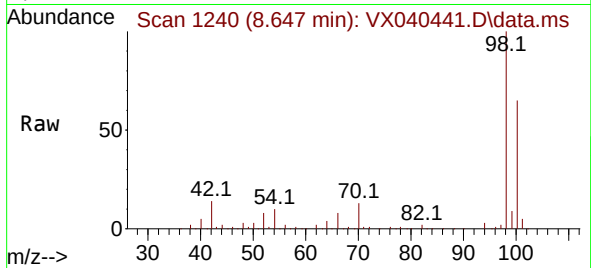
Ion	Ratio	Lower	Upper
43	100		
61	17.8	15.2	22.8
87	11.9	9.8	14.6





#50
Toluene-d8
Concen: 52.827 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040441.D
Acq: 23 Feb 2024 18:51

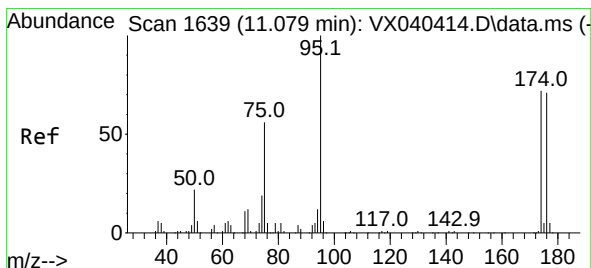
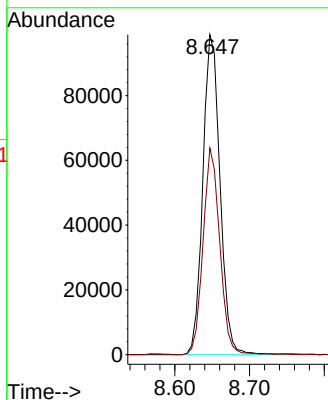
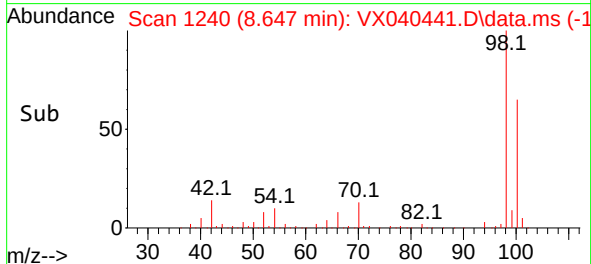
Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#11



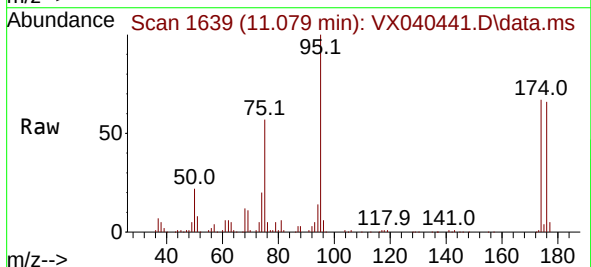
Tgt Ion: 98 Resp: 157815
Ion Ratio Lower Upper
98 100
100 62.9 53.1 79.7

Manual Integrations
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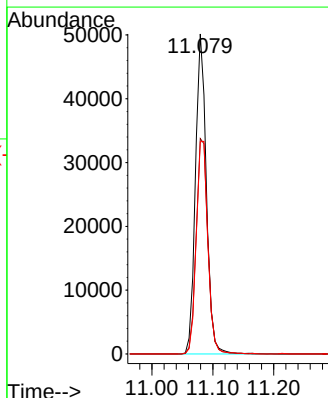
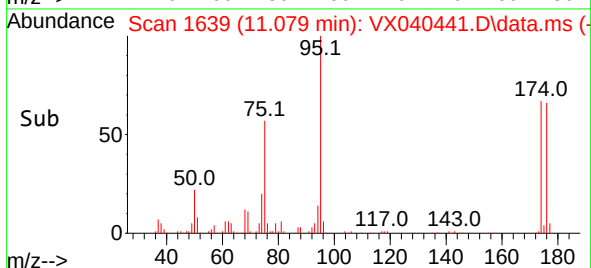
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

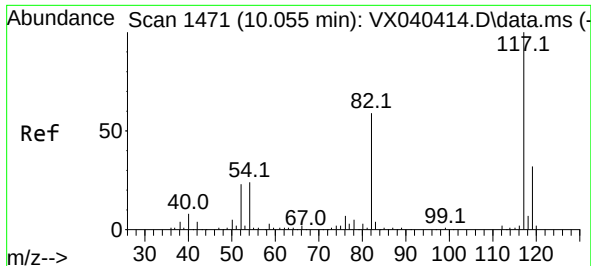


#62
4-Bromofluorobenzene
Concen: 52.069 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040441.D
Acq: 23 Feb 2024 18:51



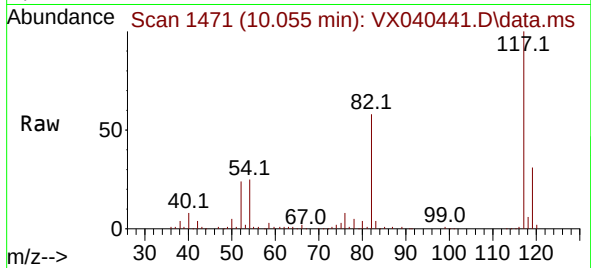
Tgt Ion: 95 Resp: 62332
Ion Ratio Lower Upper
95 100
174 72.0 0.0 135.6
176 70.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040441.D
Acq: 23 Feb 2024 18:51

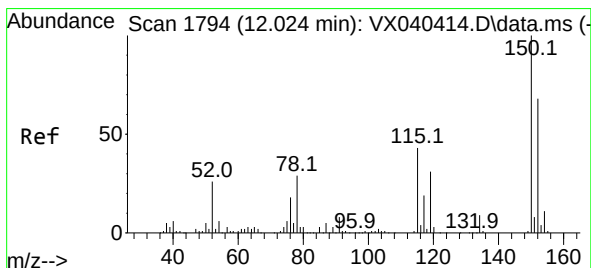
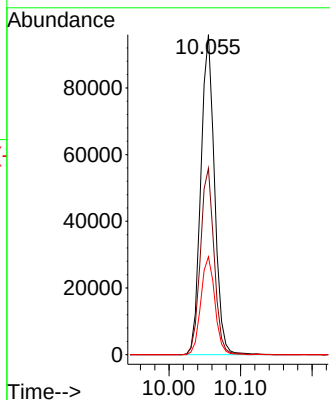
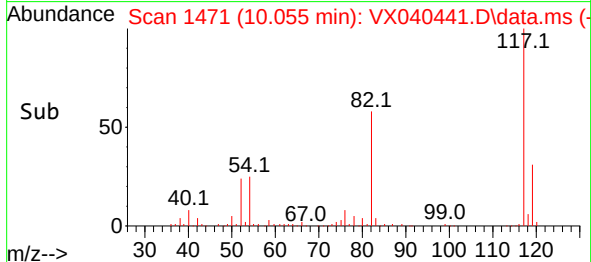
Instrument :
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ClientSampleId :
PB159217ZHE#11



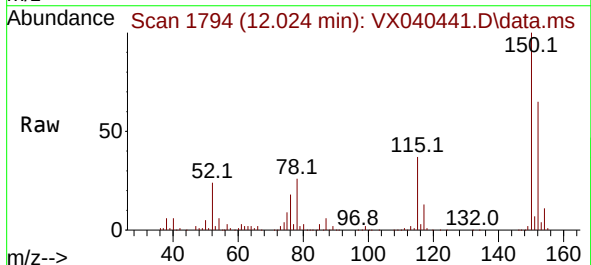
Tgt Ion:117 Resp: 12766
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.4
119 30.6 25.5 38.3

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/26/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040441.D
Acq: 23 Feb 2024 18:51



Tgt Ion:152 Resp: 61097
Ion Ratio Lower Upper
152 100
115 61.0 43.3 129.9
150 156.2 0.0 345.0

