

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032124\
 Data File : VX040765.D
 Acq On : 21 Mar 2024 23:52
 Operator : JC/MD
 Sample : PB159677ZHE#16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB159677ZHE#16

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/25/2024
 Supervised By : Mahesh Dadoda 03/25/2024

Quant Time: Mar 22 03:05:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:41:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	41968	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	75845	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	75368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	38140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	35354	50.100	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.200%
35) Dibromofluoromethane	5.379	113	25427	44.804	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.600%
50) Toluene-d8	8.647	98	94341	48.549	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.100%
62) 4-Bromofluorobenzene	11.079	95	36821	47.960	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.920%
Target Compounds						
						Qvalue
16) Acetone	2.373	43	27771	111.105	ug/l	96
20) Methylene Chloride	2.788	84	1958	3.584	ug/l #	92
25) 2-Butanone	4.574	43	2815m	7.190	ug/l	
43) Isopropyl Acetate	6.336	43	38609	25.912	ug/l	99

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

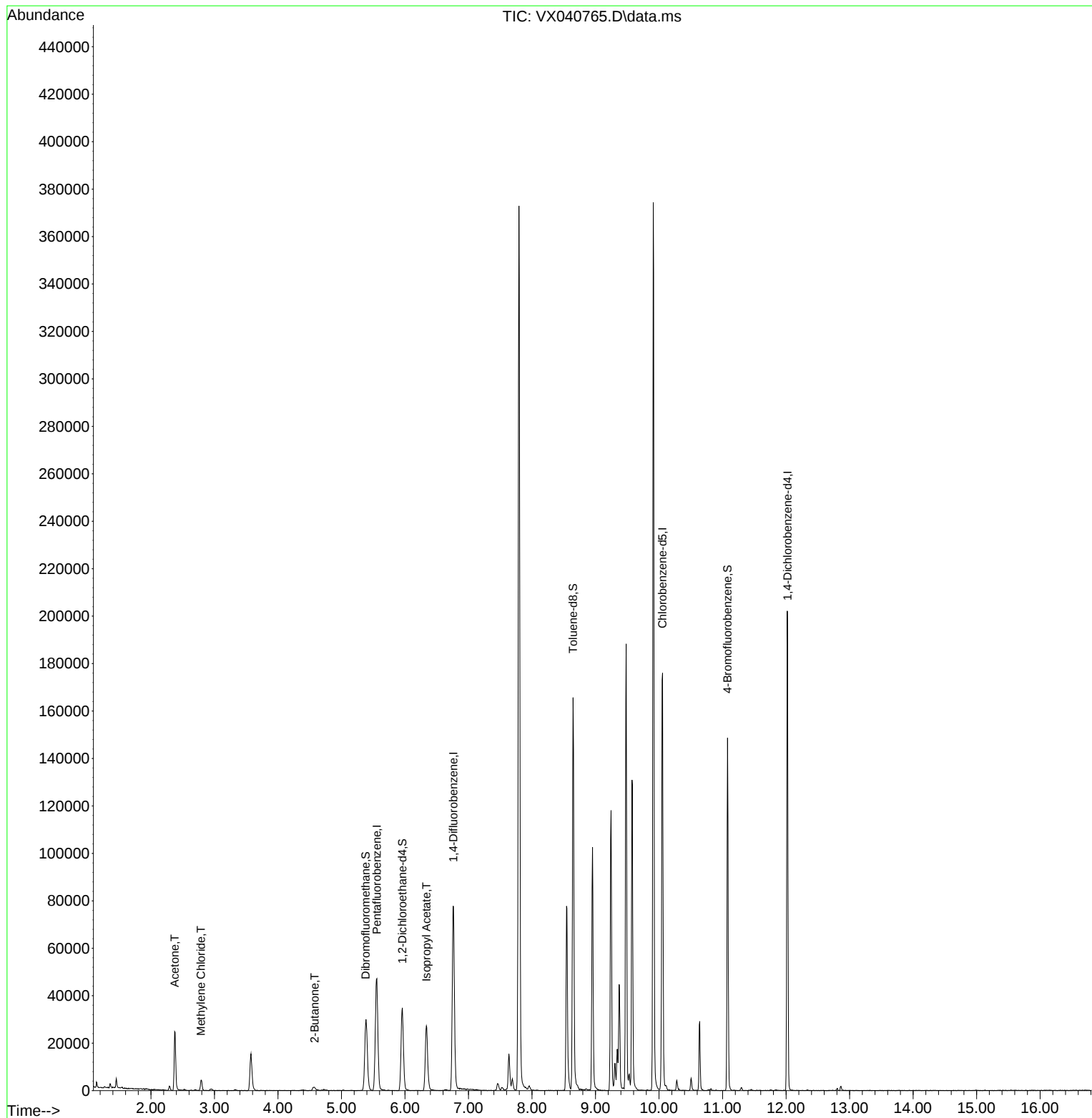
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032124\
Data File : VX040765.D
Acq On : 21 Mar 2024 23:52
Operator : JC/MD
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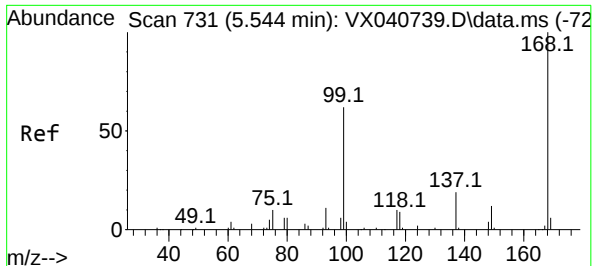
Instrument :
MSVOA_X
ClientSampleId :
PB159677ZHE#16

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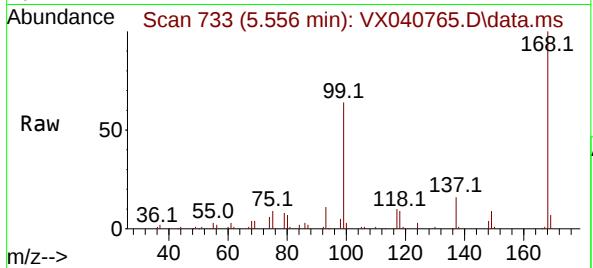
Quant Time: Mar 22 03:05:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:41:46 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX040765.D
Acq: 21 Mar 2024 23:52

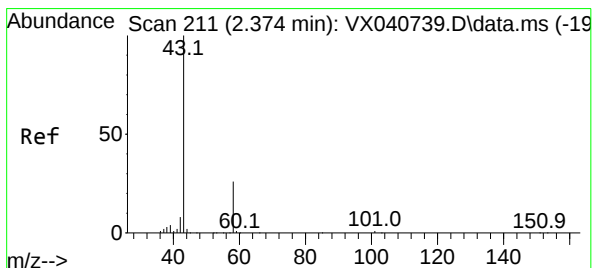
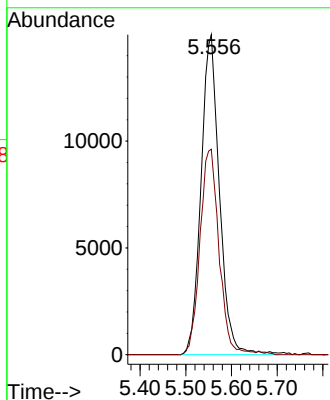
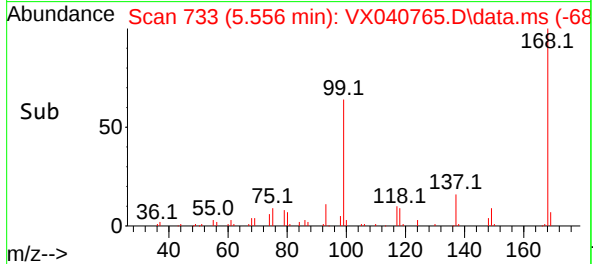
Instrument :
MSVOA_X
ClientSampleId :
PB159677ZHE#16



Tgt Ion:168 Resp: 41968
Ion Ratio Lower Upper
168 100
99 64.2 56.6 85.0

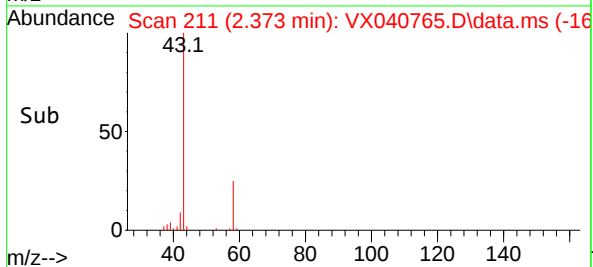
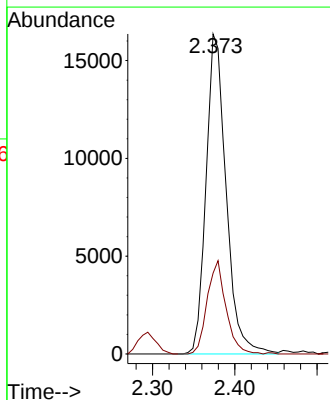
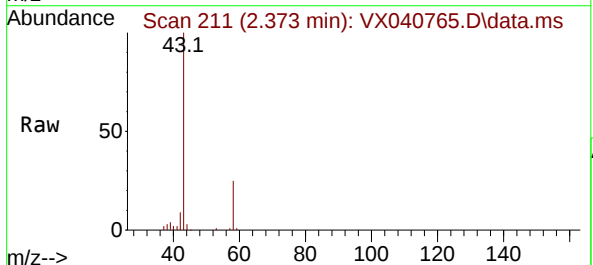
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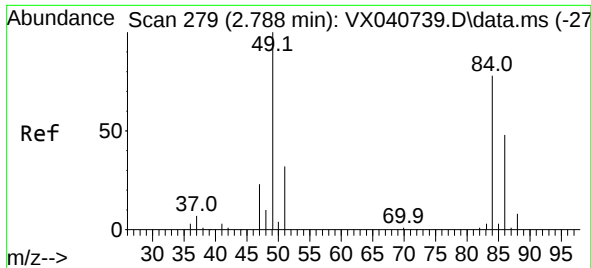
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#16
Acetone
Concen: 111.105 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.001 min
Lab File: VX040765.D
Acq: 21 Mar 2024 23:52

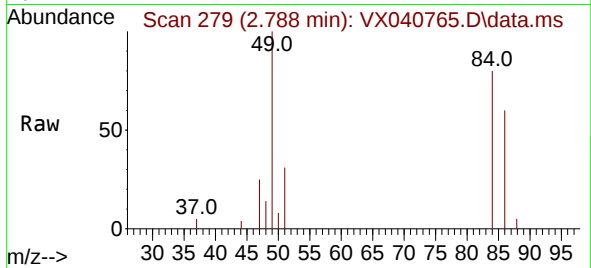
Tgt Ion: 43 Resp: 27771
Ion Ratio Lower Upper
43 100
58 25.3 21.9 32.9





#20
Methylene Chloride
Concen: 3.584 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040765.D
Acq: 21 Mar 2024 23:52

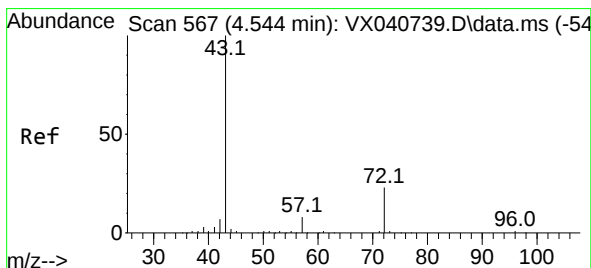
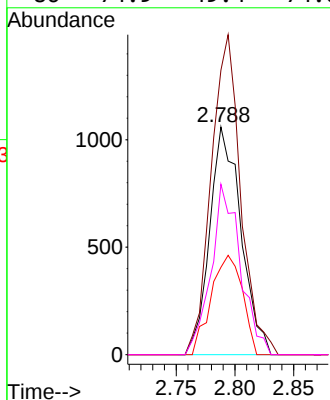
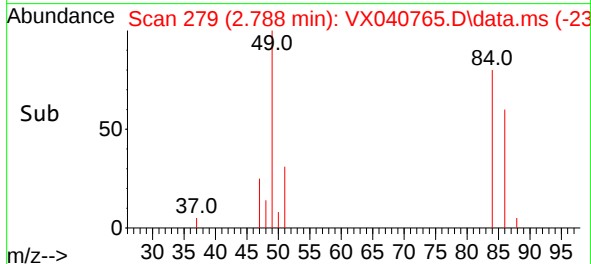
Instrument :
MSVOA_X
ClientSampleId :
PB159677ZHE#16



Tgt Ion: 84	Resp: 195
Ion Ratio	Lower Upper
84	100
49	125.0 103.6 155.4
51	38.3 33.8 50.6
86	74.9 49.4 74.0#

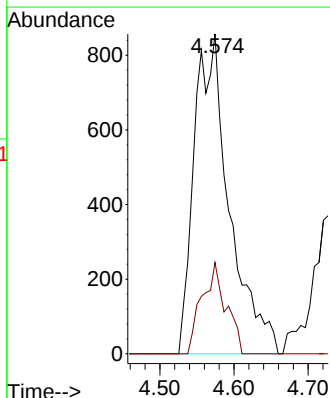
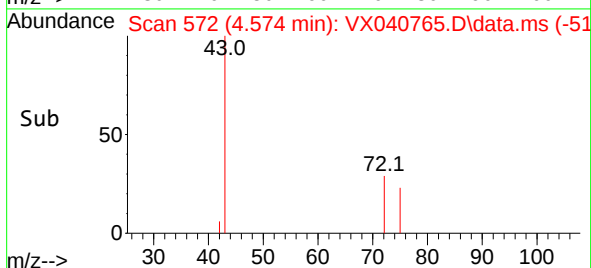
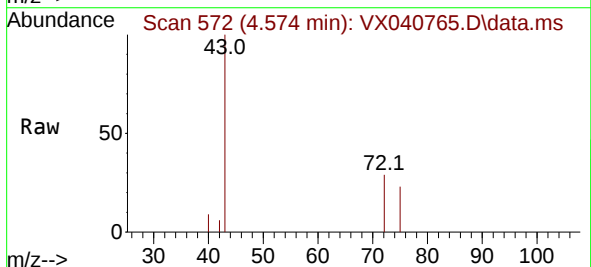
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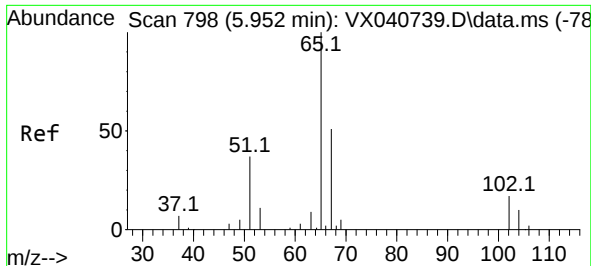
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#25
2-Butanone
Concen: 7.190 ug/l m
RT: 4.574 min Scan# 572
Delta R.T. 0.030 min
Lab File: VX040765.D
Acq: 21 Mar 2024 23:52

Tgt Ion: 43	Resp: 2815
Ion Ratio	Lower Upper
43	100
72	28.6 19.4 29.2





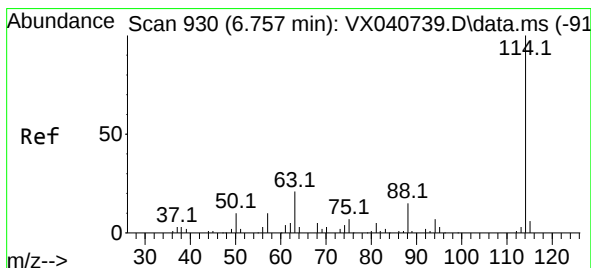
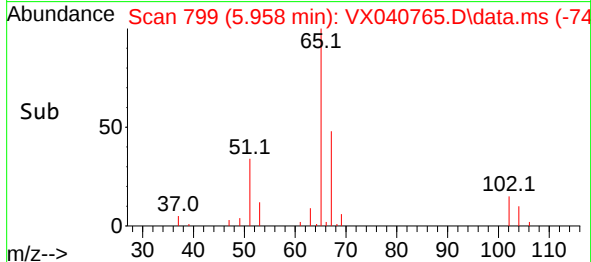
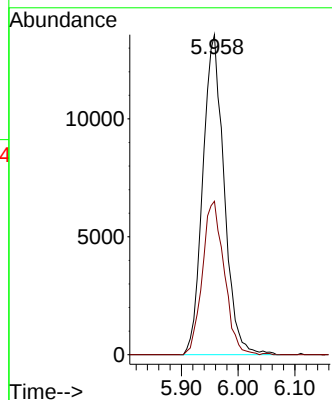
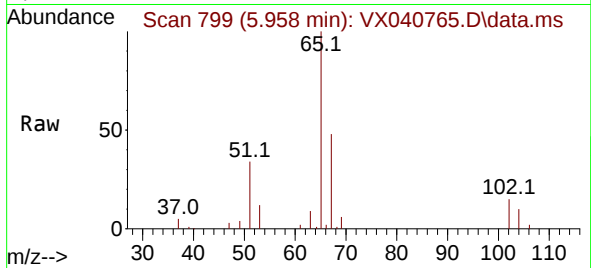
#33
1,2-Dichloroethane-d4
Concen: 50.100 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX040765.D
Acq: 21 Mar 2024 23:52

Instrument :
MSVOA_X
ClientSampleId :
PB159677ZHE#16

Tgt Ion: 65 Resp: 35354
Ion Ratio Lower Upper
65 100
67 49.1 0.0 100.2

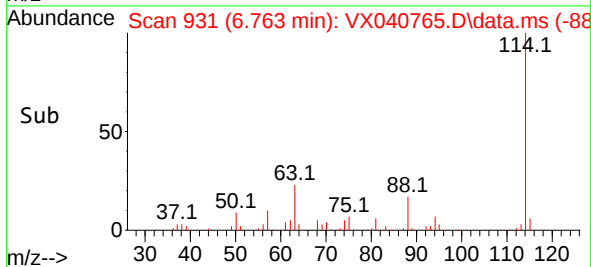
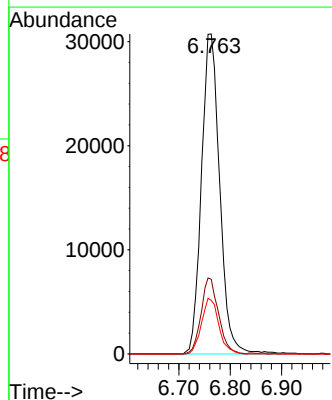
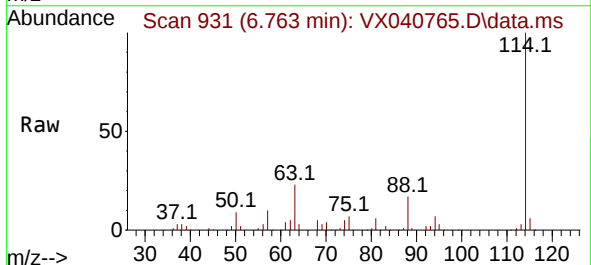
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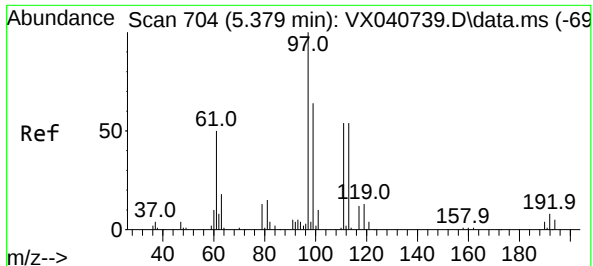
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX040765.D
Acq: 21 Mar 2024 23:52

Tgt Ion:114 Resp: 75845
Ion Ratio Lower Upper
114 100
63 23.3 0.0 45.0
88 16.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.804 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX040765.D

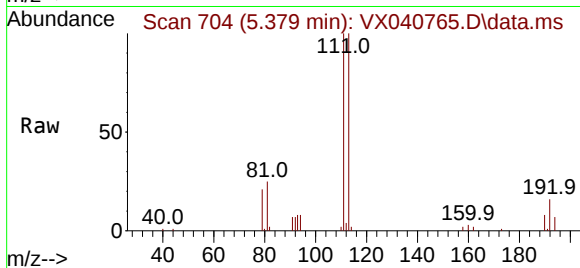
Acq: 21 Mar 2024 23:52

Instrument :

MSVOA_X

ClientSampleId :

PB159677ZHE#16



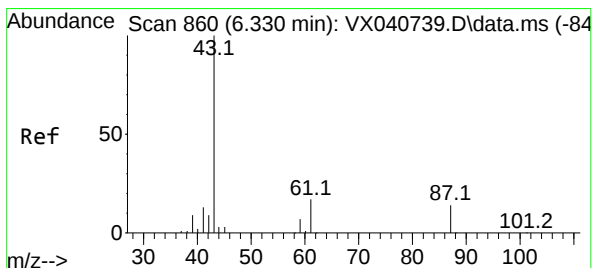
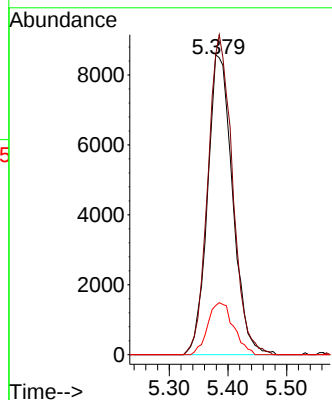
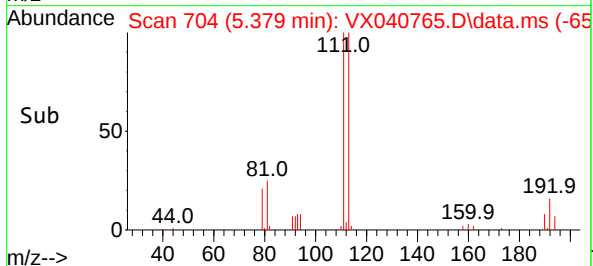
Tgt Ion:	113	Resp:	2542
Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.9	124.3
192	17.8	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#43

Isopropyl Acetate

Concen: 25.912 ug/l

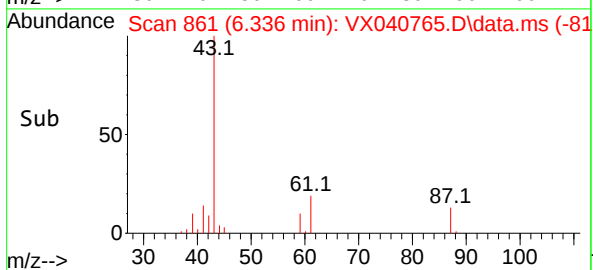
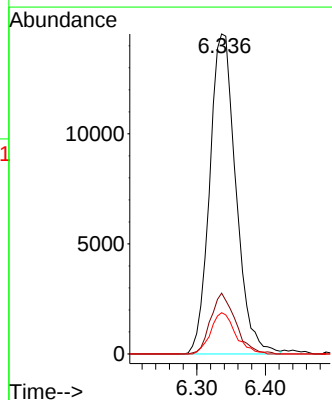
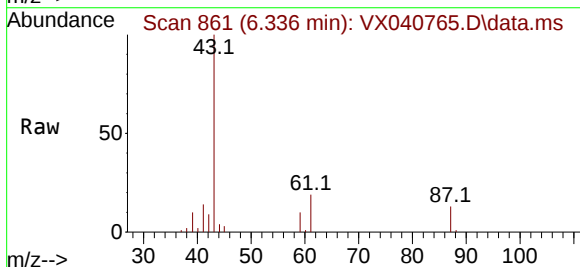
RT: 6.336 min Scan# 861

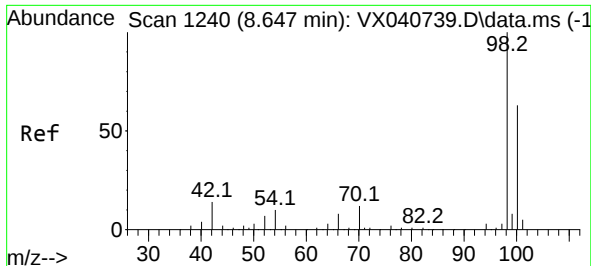
Delta R.T. 0.006 min

Lab File: VX040765.D

Acq: 21 Mar 2024 23:52

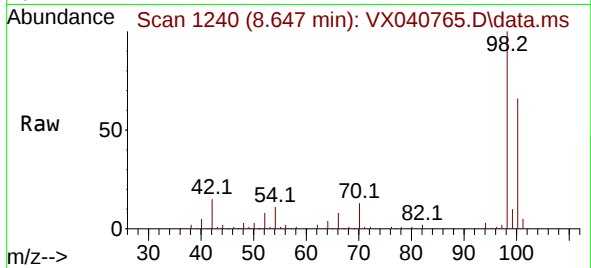
Tgt Ion:	43	Resp:	38609
Ion	Ratio	Lower	Upper
43	100		
61	18.0	15.2	22.8
87	12.2	9.8	14.6





#50
Toluene-d8
Concen: 48.549 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040765.D
Acq: 21 Mar 2024 23:52

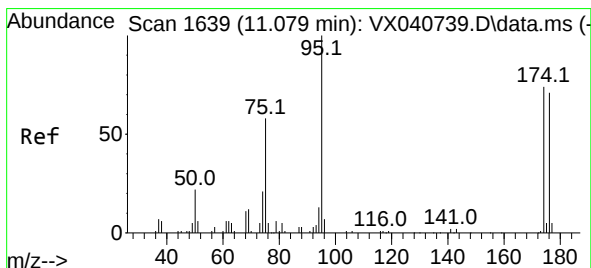
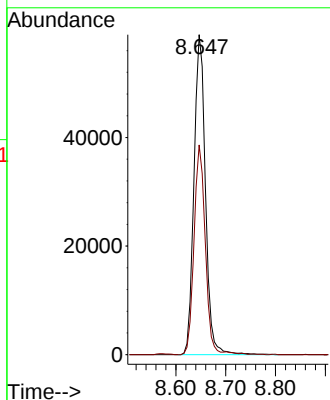
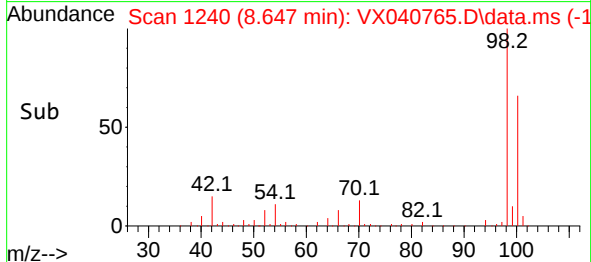
Instrument :
MSVOA_X
ClientSampleId :
PB159677ZHE#16



Tgt Ion: 98 Resp: 9434
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7

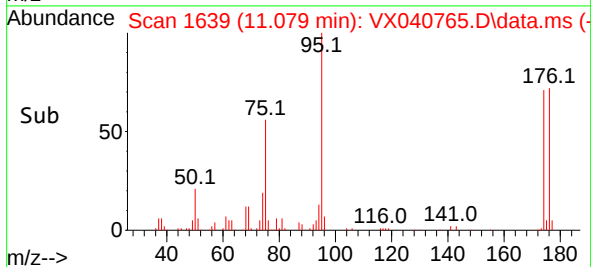
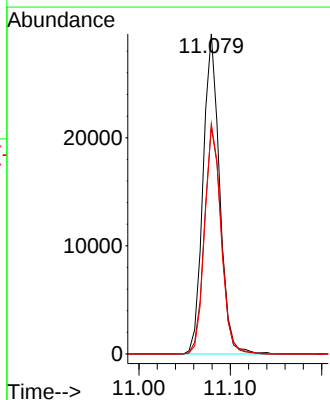
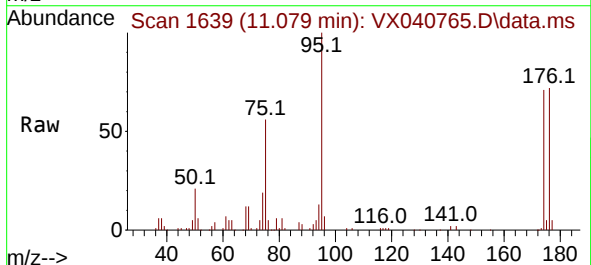
Manual Integrations
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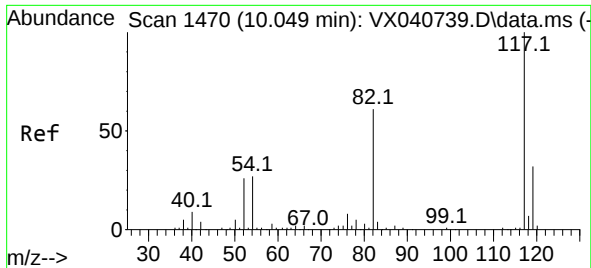
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#62
4-Bromofluorobenzene
Concen: 47.960 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040765.D
Acq: 21 Mar 2024 23:52

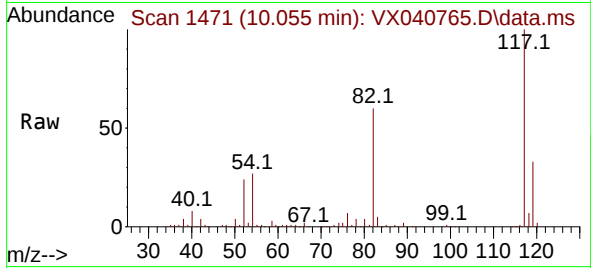
Tgt Ion: 95 Resp: 36821
Ion Ratio Lower Upper
95 100
174 73.3 0.0 135.6
176 71.4 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX040765.D
Acq: 21 Mar 2024 23:52

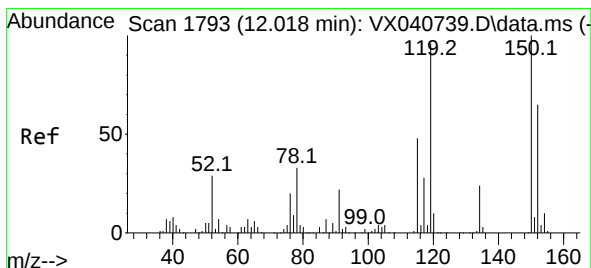
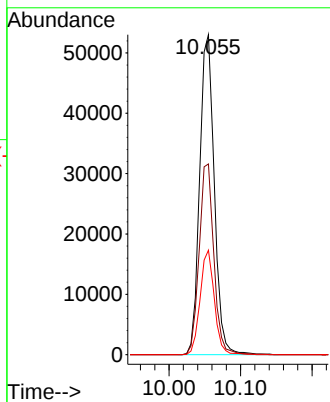
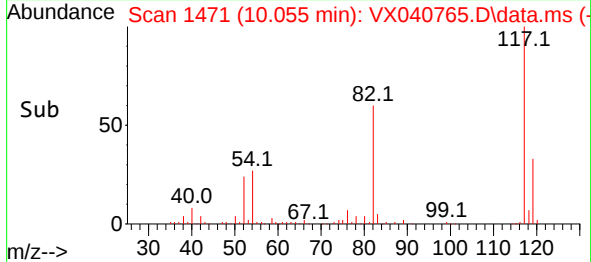
Instrument :
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PB159677ZHE#16



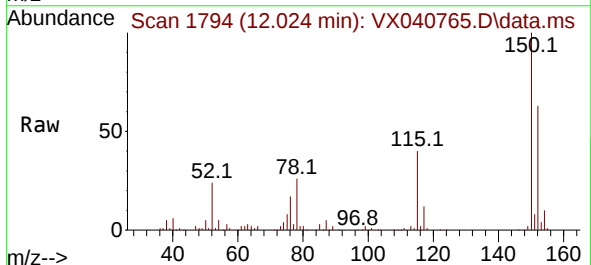
Tgt Ion:117 Resp: 7536
Ion Ratio Lower Upper
117 100
82 59.6 46.2 69.4
119 32.7 25.5 38.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040765.D
Acq: 21 Mar 2024 23:52



Tgt Ion:152 Resp: 38140
Ion Ratio Lower Upper
152 100
115 64.6 43.3 129.9
150 156.2 0.0 345.0

