

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044382.D
 Acq On : 18 Dec 2024 14:48
 Operator : JC/MD
 Sample : P5281-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB02-20241213

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 00:46:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	120337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	217882	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94483	44.781	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.560%		
35) Dibromofluoromethane	5.379	113	71615	47.458	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.920%		
50) Toluene-d8	8.647	98	259965	51.063	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.120%		
62) 4-Bromofluorobenzene	11.079	95	82244	46.232	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	92.460%		
Target Compounds						
16) Acetone	2.380	43	2274	2.644	ug/l #	89
20) Methylene Chloride	2.788	84	534	0.331	ug/l #	82
25) 2-Butanone	4.599	43	2677m	2.189	ug/l	
44) Trichloroethene	7.129	130	584	0.395	ug/l	88

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

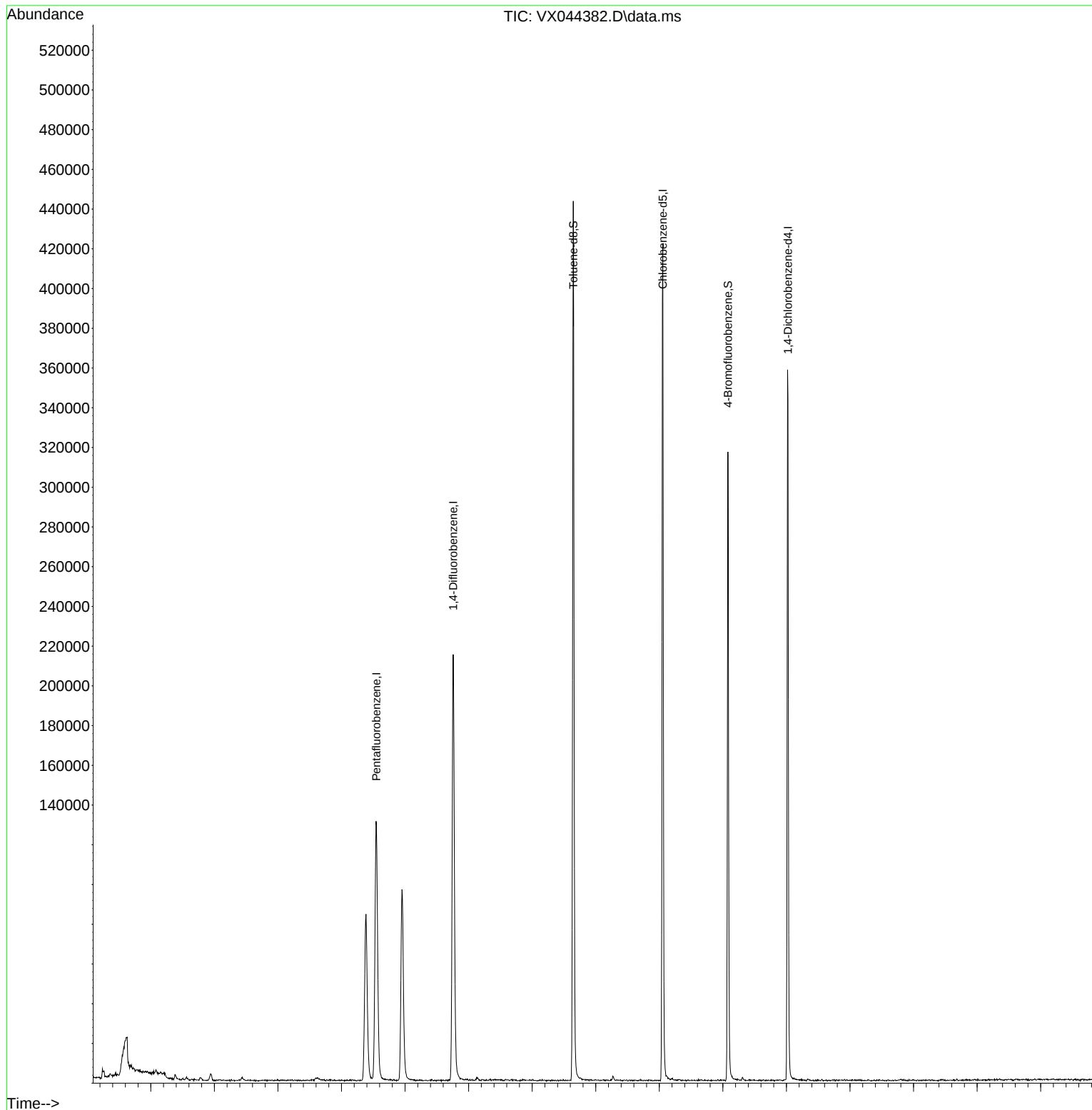
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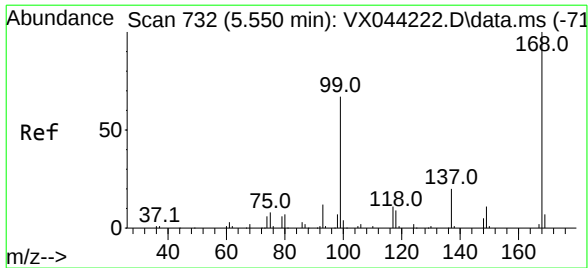
Instrument :
MSVOA_X
ClientSampleId :
FB02-20241213

Quant Time: Dec 19 00:46:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
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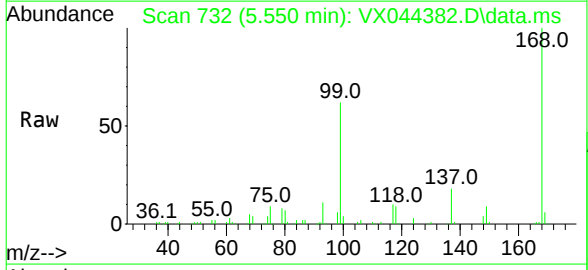
Reviewed By : John Carlone 12/20/2024
Supervised By : Mahesh Dadoda 12/20/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX044382.D
Acq: 18 Dec 2024 14:48

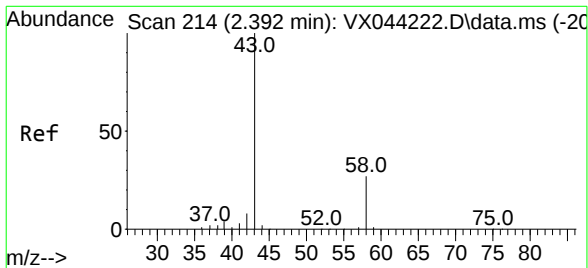
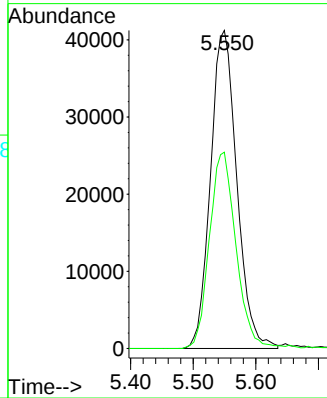
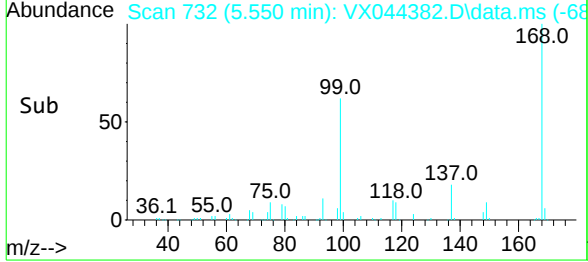
Instrument :
MSVOA_X
ClientSampleId :
FB02-20241213



Tgt Ion:168 Resp: 120337
Ion Ratio Lower Upper
168 100
99 61.7 53.4 80.0

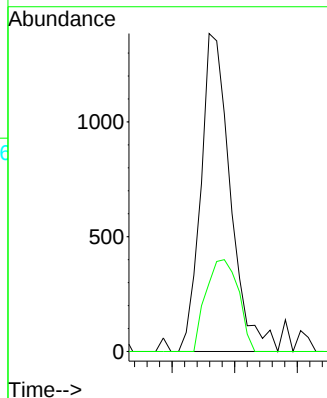
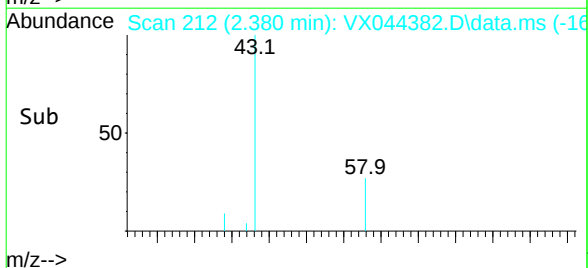
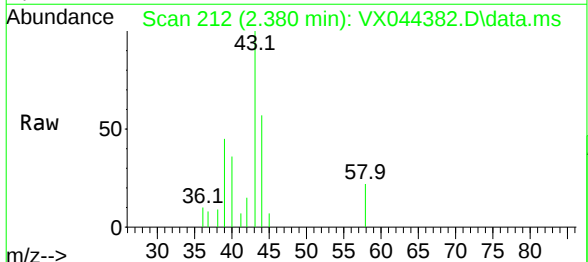
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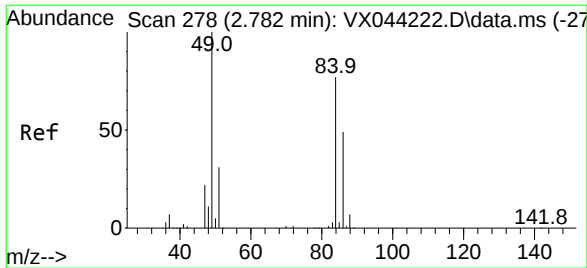
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#16
Acetone
Concen: 2.644 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX044382.D
Acq: 18 Dec 2024 14:48

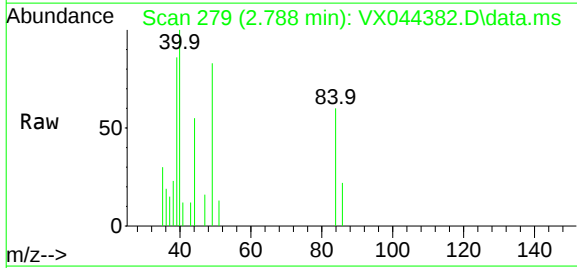
Tgt Ion: 43 Resp: 2274
Ion Ratio Lower Upper
43 100
58 21.5 21.6 32.4#





#20
Methylene Chloride
Concen: 0.331 ug/l
RT: 2.788 min Scan# 278
Delta R.T. 0.006 min
Lab File: VX044382.D
Acq: 18 Dec 2024 14:48

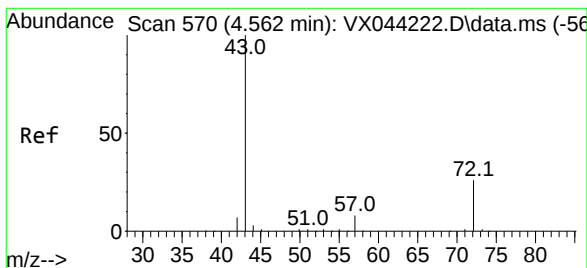
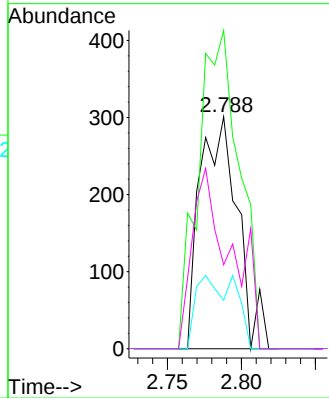
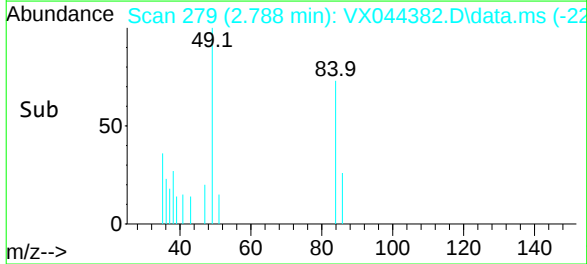
Instrument :
MSVOA_X
ClientSampleId :
FB02-20241213



Tgt Ion	Ratio	Lower	Upper
84	100		
49	137.2	104.2	156.4
51	20.9	32.2	48.4#
86	36.2	50.9	76.3#

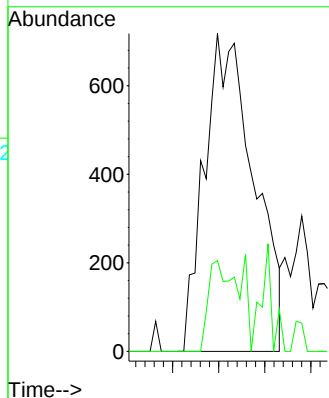
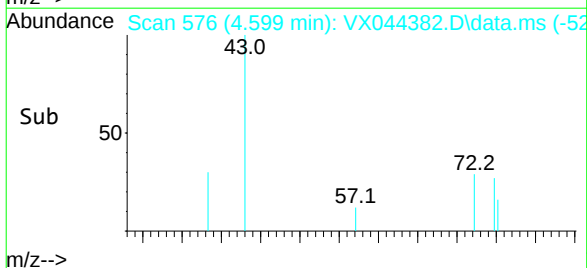
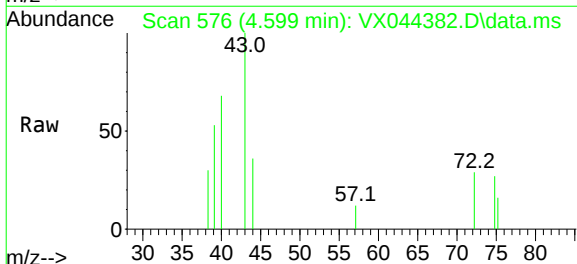
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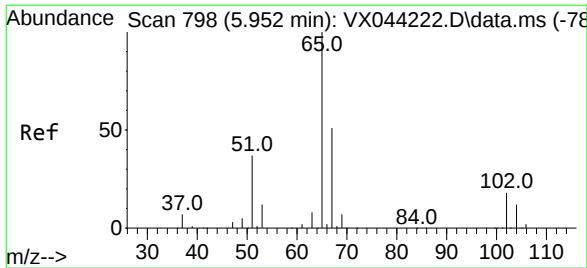
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#25
2-Butanone
Concen: 2.189 ug/l m
RT: 4.599 min Scan# 576
Delta R.T. 0.036 min
Lab File: VX044382.D
Acq: 18 Dec 2024 14:48

Tgt Ion	Ratio	Lower	Upper
43	100		
72	28.6	20.2	30.4





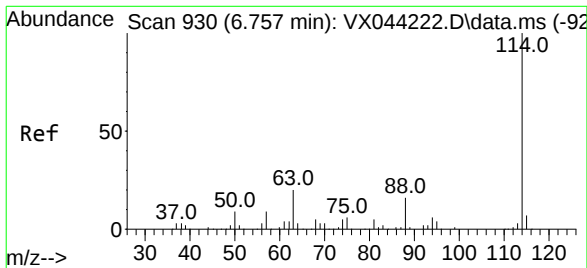
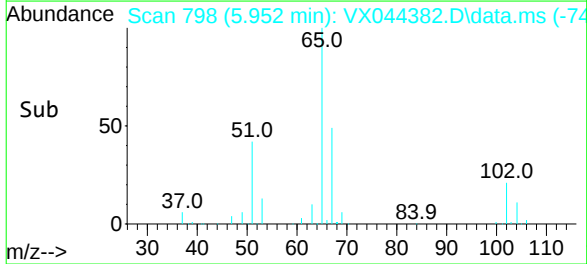
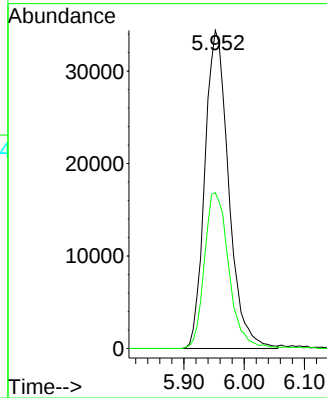
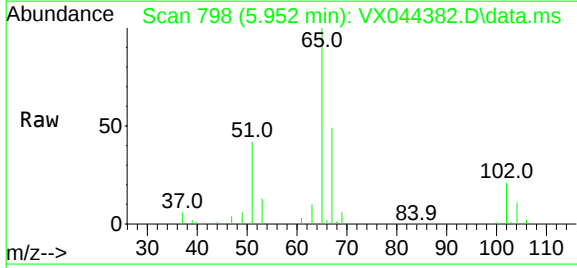
#33
1,2-Dichloroethane-d4
Concen: 44.781 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044382.D
Acq: 18 Dec 2024 14:48

Instrument :
MSVOA_X
ClientSampleId :
FB02-20241213

Tgt Ion: 65 Resp: 94483
Ion Ratio Lower Upper
65 100
67 50.1 0.0 101.6

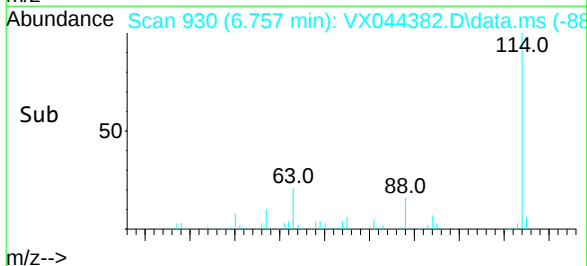
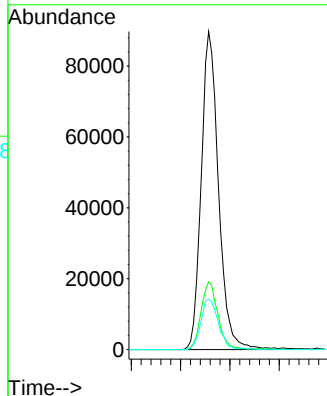
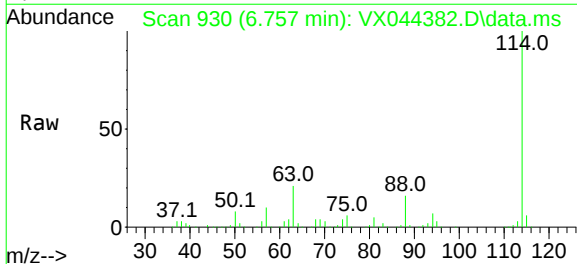
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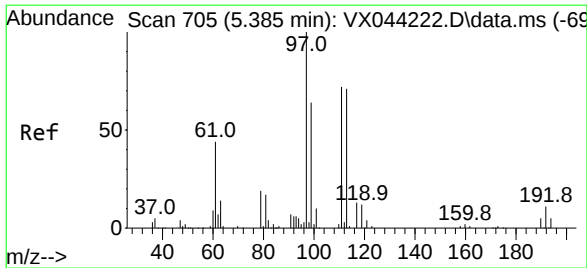
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044382.D
Acq: 18 Dec 2024 14:48

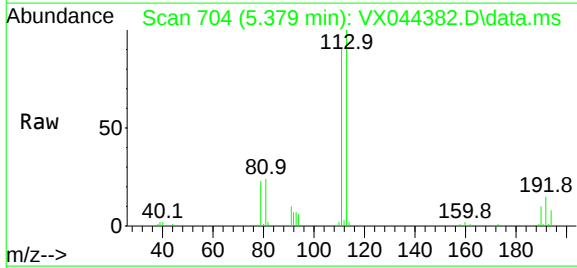
Tgt Ion:114 Resp: 217882
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.6
88 15.9 0.0 31.8





#35
Dibromofluoromethane
Concen: 47.458 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX044382.D
Acq: 18 Dec 2024 14:48

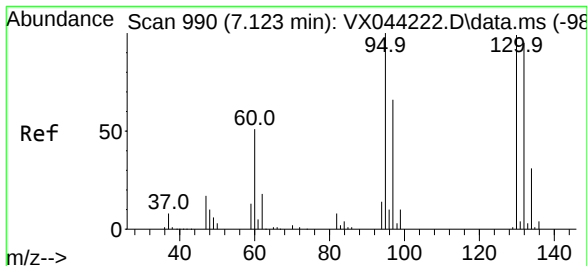
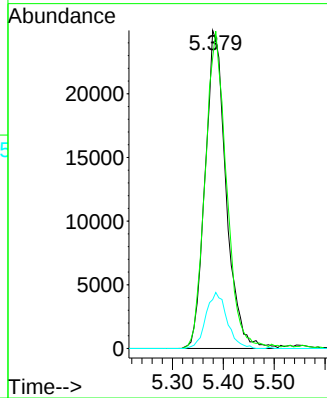
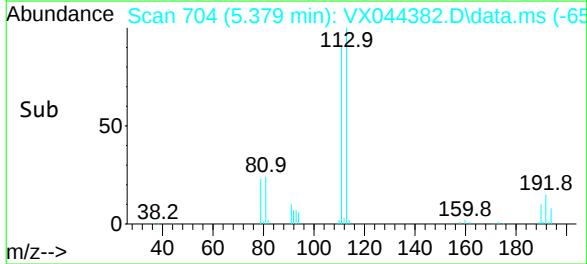
Instrument :
MSVOA_X
ClientSampleId :
FB02-20241213



Tgt Ion:113 Resp: 71615
Ion Ratio Lower Upper
113 100
111 101.2 80.4 120.6
192 17.7 13.3 19.9

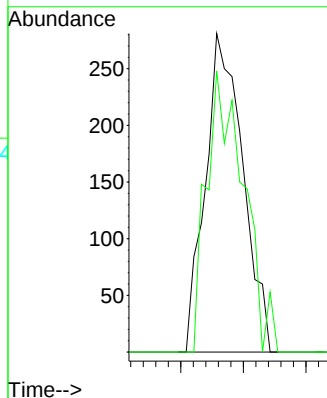
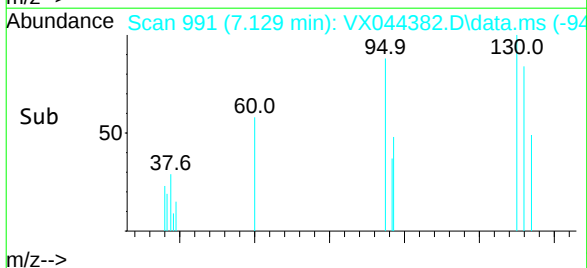
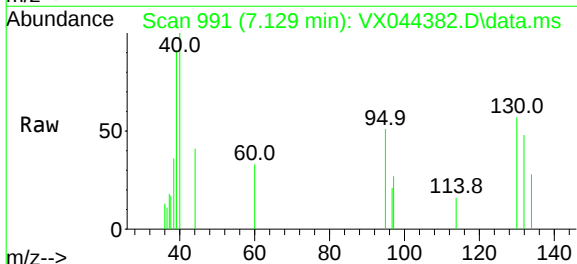
Manual Integrations
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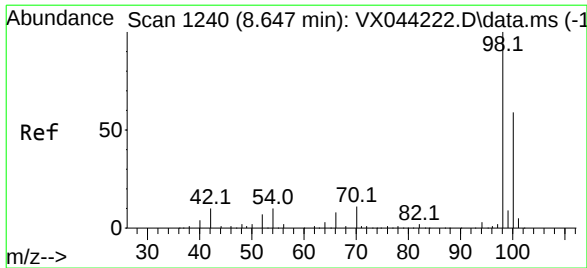
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#44
Trichloroethene
Concen: 0.395 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX044382.D
Acq: 18 Dec 2024 14:48

Tgt Ion:130 Resp: 584
Ion Ratio Lower Upper
130 100
95 88.3 0.0 201.4





#50

Toluene-d8

Concen: 51.063 ug/l

RT: 8.647 min Scan# 12

Delta R.T. -0.000 min

Lab File: VX044382.D

Acq: 18 Dec 2024 14:48

Instrument :

MSVOA_X

ClientSampleId :

FB02-20241213

Tgt Ion: 98 Resp: 259965

Ion Ratio Lower Upper

98 100

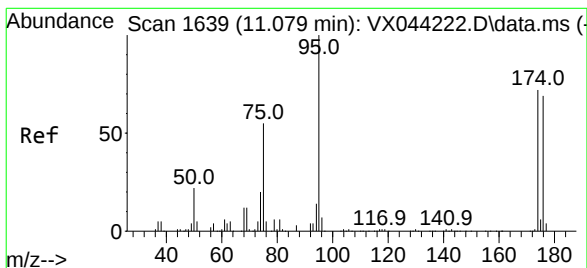
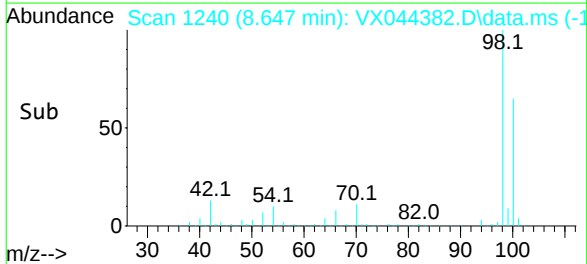
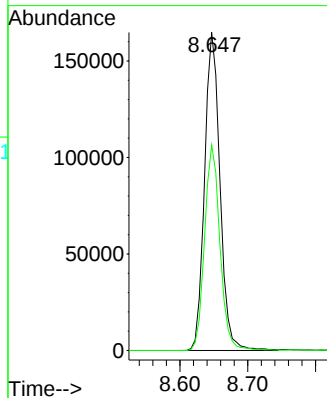
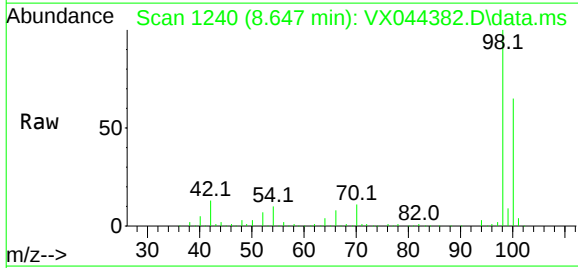
100 64.5 51.5 77.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#62

4-Bromofluorobenzene

Concen: 46.232 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044382.D

Acq: 18 Dec 2024 14:48

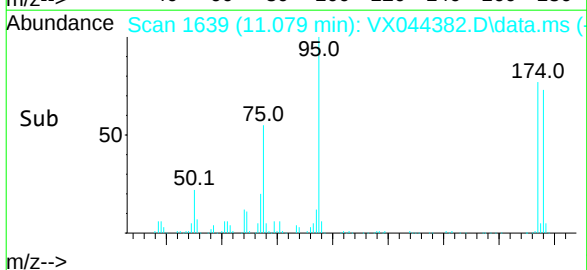
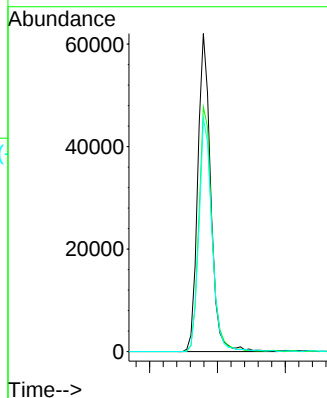
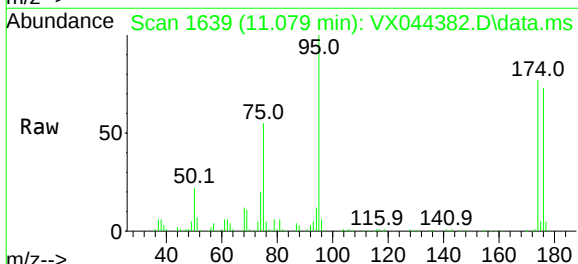
Tgt Ion: 95 Resp: 82244

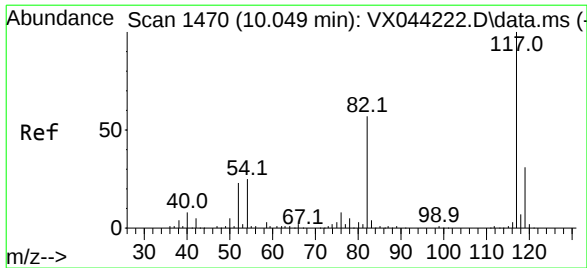
Ion Ratio Lower Upper

95 100

174 77.7 0.0 145.8

176 74.0 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044382.D

Acq: 18 Dec 2024 14:48

Instrument :

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ClientSampleId :

FB02-20241213

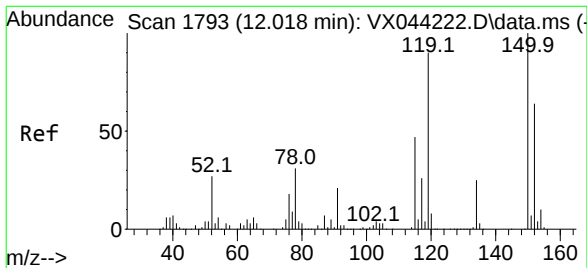
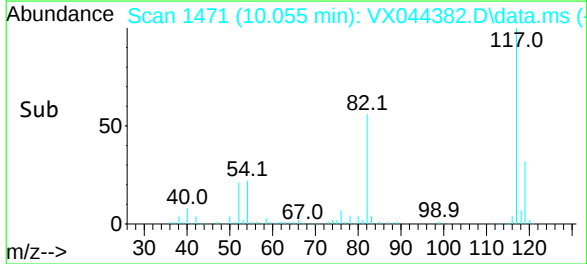
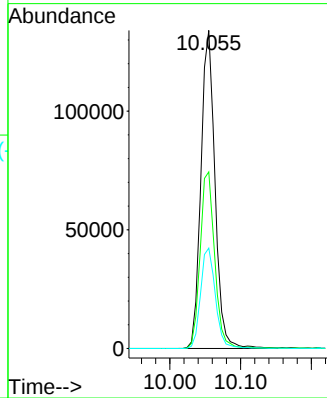
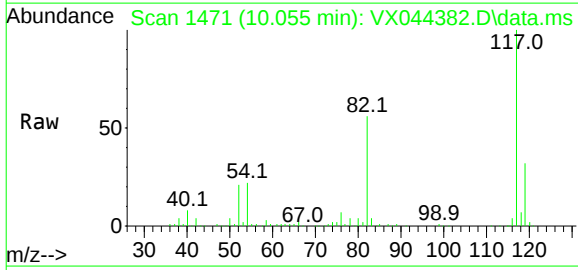
Tgt Ion:	117	Resp:	185612
Ion Ratio	Lower	Upper	
117	100		
82	55.5	45.8	68.8
119	31.6	25.0	37.4

Manual Integrations

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Supervised By :Mahesh Dadoda 12/20/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX044382.D

Acq: 18 Dec 2024 14:48

Tgt Ion:	152	Resp:	75075
Ion Ratio	Lower	Upper	
152	100		
115	60.8	44.5	133.3
150	157.4	0.0	353.8

