

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044391.D
 Acq On : 18 Dec 2024 18:18
 Operator : JC/MD
 Sample : P5281-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D1-20241213

Manual Integrations
 APPROVED

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

Quant Time: Dec 19 00:51:06 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	111808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	202274	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88101	44.941	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.880%		
35) Dibromofluoromethane	5.385	113	65859	47.011	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.020%		
50) Toluene-d8	8.647	98	241495	51.096	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.200%		
62) 4-Bromofluorobenzene	11.079	95	75633	45.797	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	91.600%		
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.313	101	1218	0.893	ug/l #	85
12) 1,1-Dichloroethene	2.313	96	1589	1.268	ug/l #	57
16) Acetone	2.386	43	918	1.149	ug/l #	50
20) Methylene Chloride	2.788	84	459	0.306	ug/l #	61
27) cis-1,2-Dichloroethene	4.483	96	1951	1.153	ug/l	50
30) Chloroform	5.093	83	1299m	0.441	ug/l	
38) Carbon Tetrachloride	5.672	117	3157	1.619	ug/l	93
44) Trichloroethene	7.123	130	175185	127.770	ug/l	98
55) 1,1,2-Trichloroethane	9.165	97	834	0.608	ug/l #	75

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

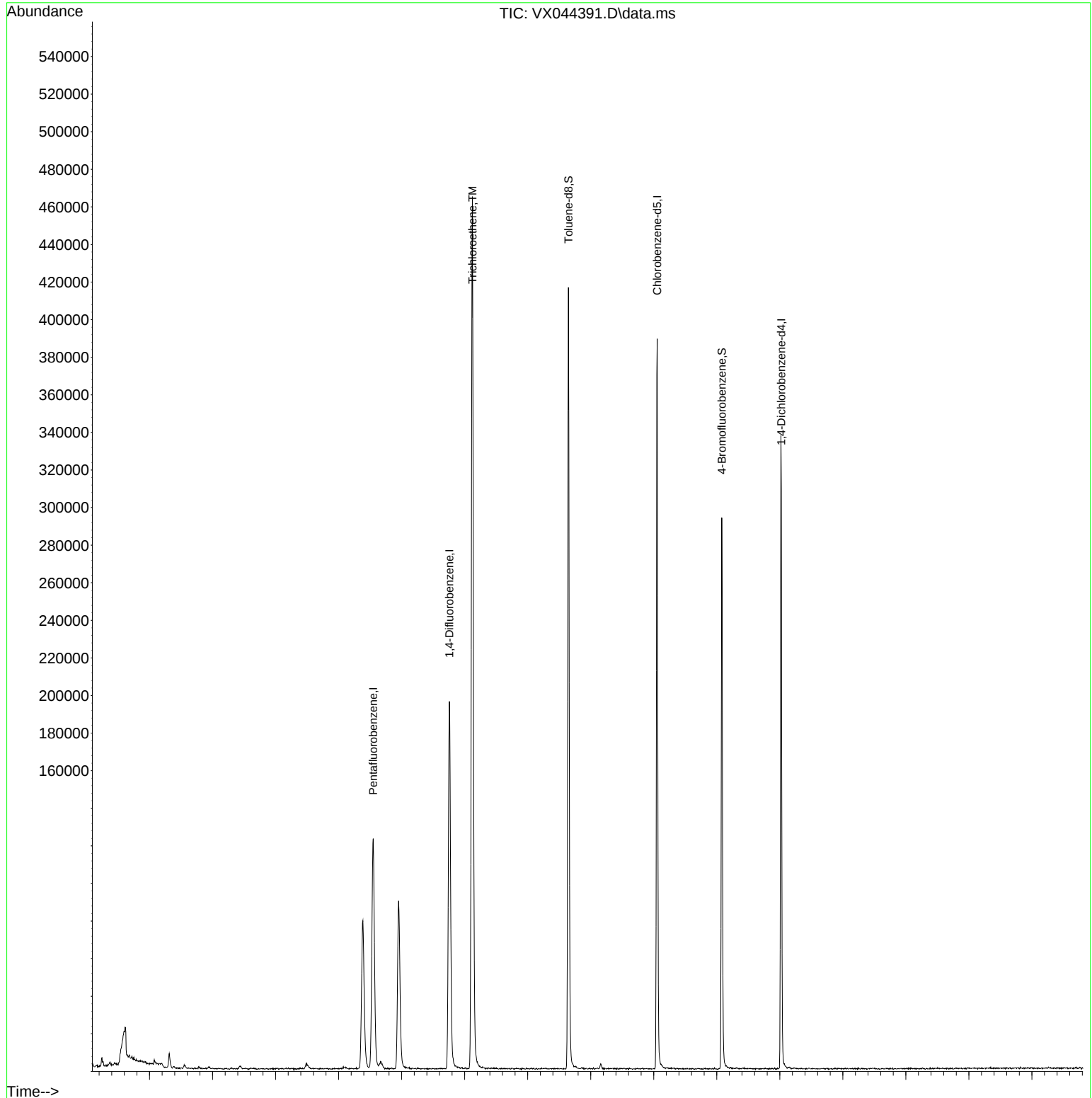
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
Data File : VX044391.D
Acq On : 18 Dec 2024 18:18
Operator : JC/MD
Sample : P5281-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

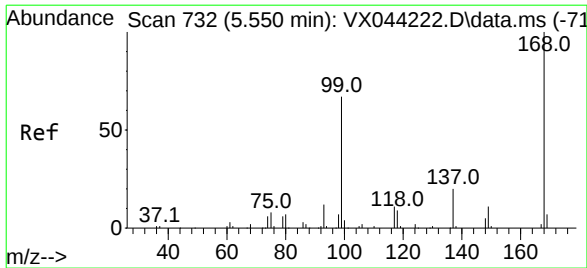
Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20241213

Quant Time: Dec 19 00:51:06 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

Manual Integrations
APPROVED

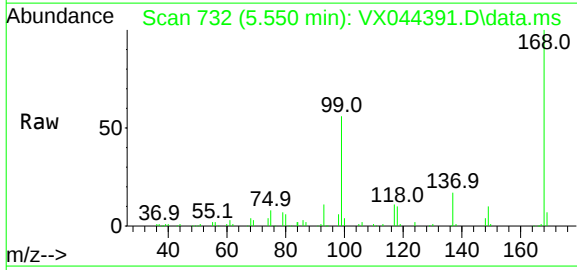
Reviewed By : John Carlone 12/20/2024
Supervised By : Mahesh Dadoda 12/20/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX044391.D
Acq: 18 Dec 2024 18:18

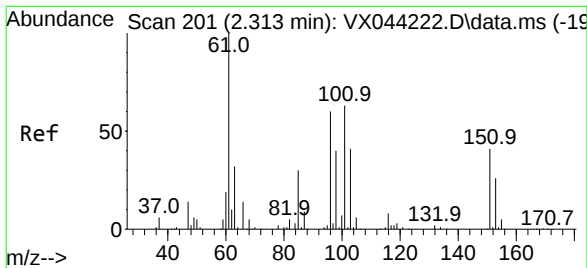
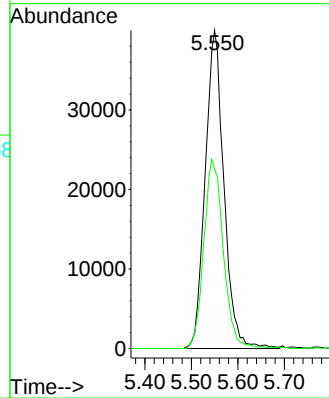
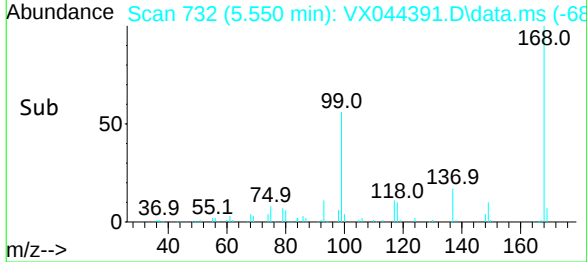
Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20241213



Tgt Ion:168 Resp: 111808
Ion Ratio Lower Upper
168 100
99 56.4 53.4 80.0

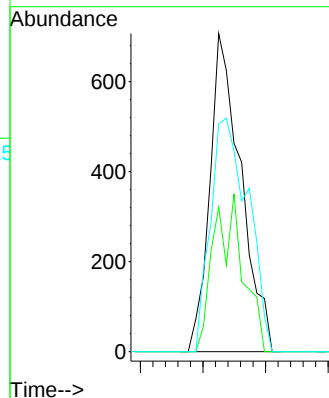
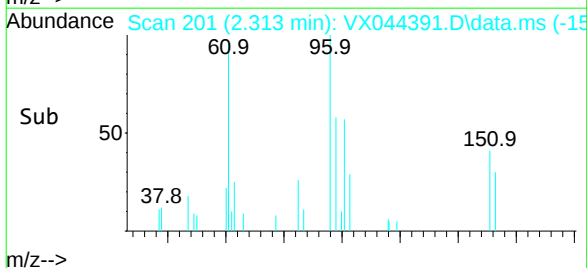
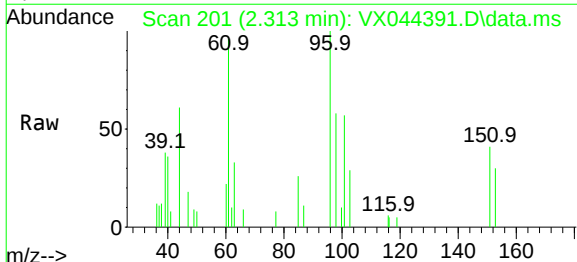
Manual Integrations
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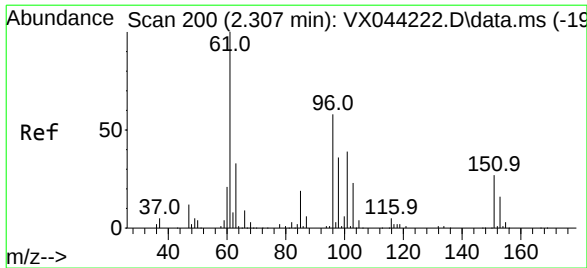
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.893 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX044391.D
Acq: 18 Dec 2024 18:18

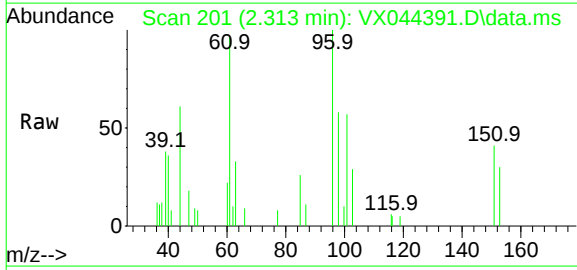
Tgt Ion:101 Resp: 1218
Ion Ratio Lower Upper
101 100
85 46.9 38.5 57.7
151 88.9 55.8 83.6#





#12
1,1-Dichloroethene
Concen: 1.268 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044391.D
Acq: 18 Dec 2024 18:18

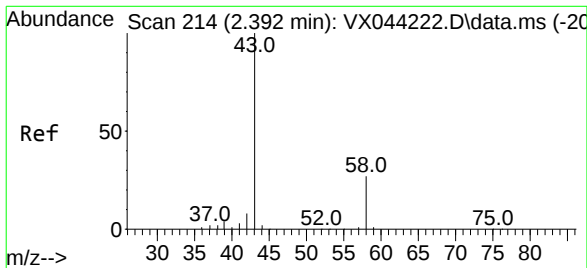
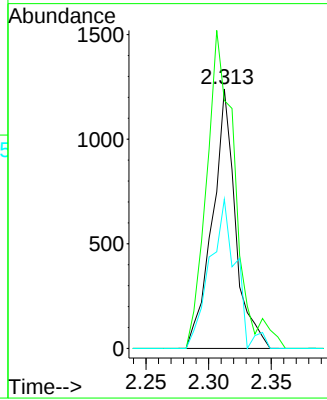
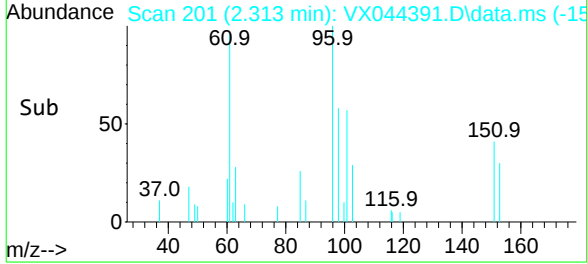
Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20241213



Tgt Ion: 96 Resp: 1589
Ion Ratio Lower Upper
96 100
61 95.6 138.0 207.0#
98 57.5 50.0 75.0

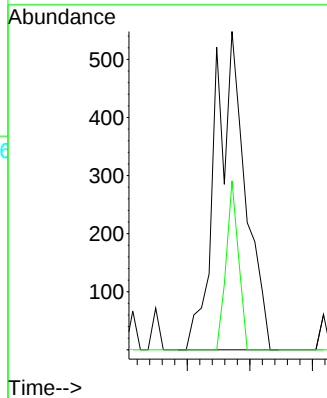
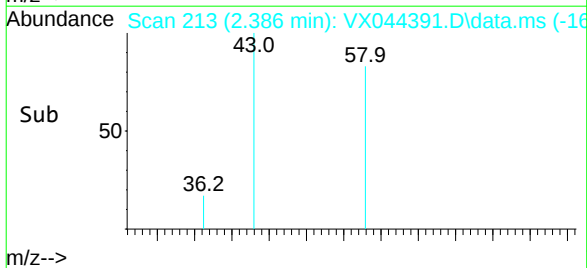
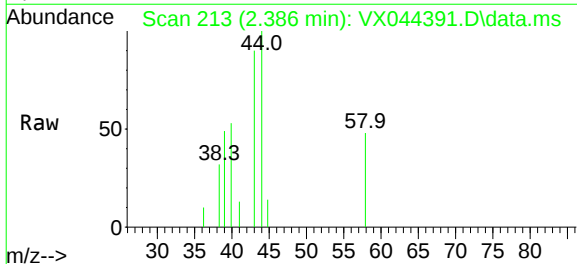
Manual Integrations
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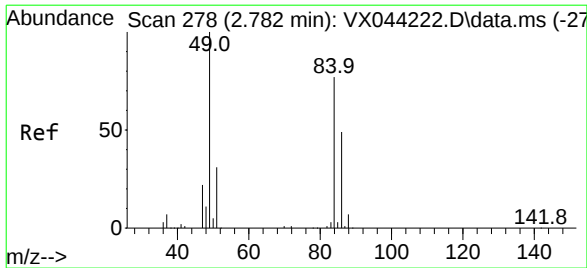
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#16
Acetone
Concen: 1.149 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044391.D
Acq: 18 Dec 2024 18:18

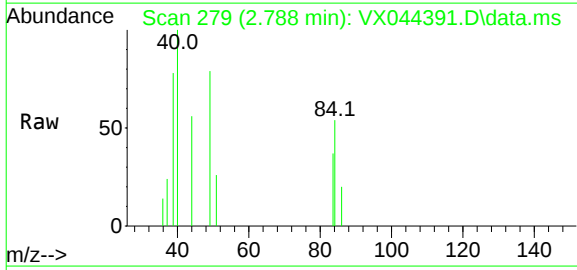
Tgt Ion: 43 Resp: 918
Ion Ratio Lower Upper
43 100
58 53.1 21.6 32.4#





#20
Methylene Chloride
Concen: 0.306 ug/l
RT: 2.788 min Scan# 27
Delta R.T. 0.006 min
Lab File: VX044391.D
Acq: 18 Dec 2024 18:18

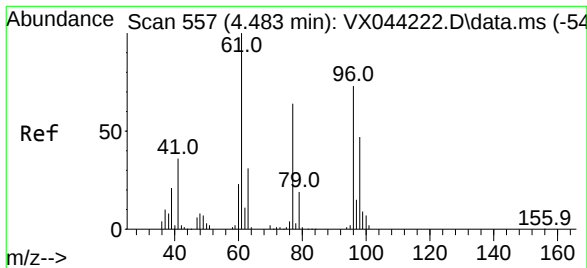
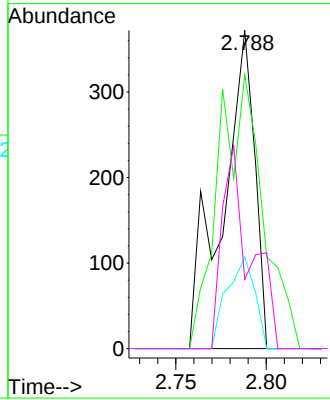
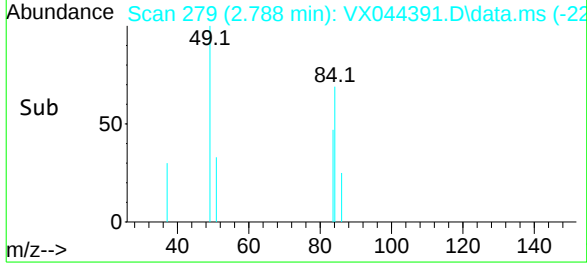
Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20241213



Tgt Ion: 84 Resp: 459
Ion Ratio Lower Upper
84 100
49 86.0 104.2 156.4#
51 28.8 32.2 48.4#
86 21.8 50.9 76.3#

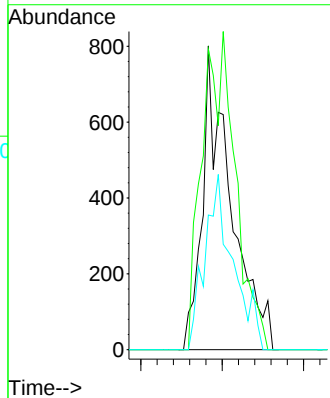
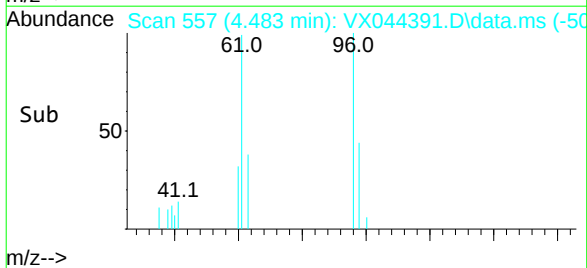
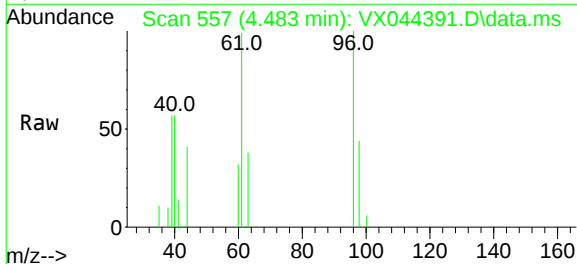
Manual Integrations
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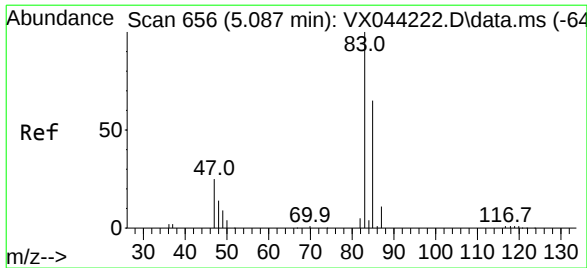
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#27
cis-1,2-Dichloroethene
Concen: 1.153 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX044391.D
Acq: 18 Dec 2024 18:18

Tgt Ion: 96 Resp: 1951
Ion Ratio Lower Upper
96 100
61 63.6 0.0 299.0
98 56.9 0.0 129.0





#30

Chloroform

Concen: 0.441 ug/l m

RT: 5.093 min Scan# 65

Delta R.T. 0.006 min

Lab File: VX044391.D

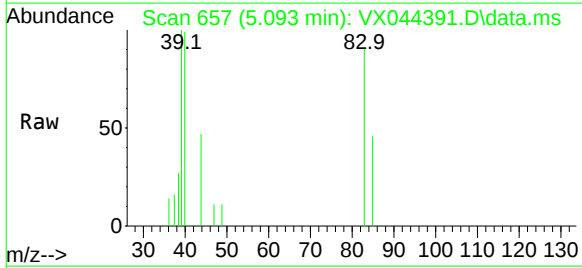
Acq: 18 Dec 2024 18:18

Instrument :

MSVOA_X

ClientSampleId :

RE117D1-20241213



Tgt Ion: 83 Resp: 1299

Ion Ratio Lower Upper

83 100

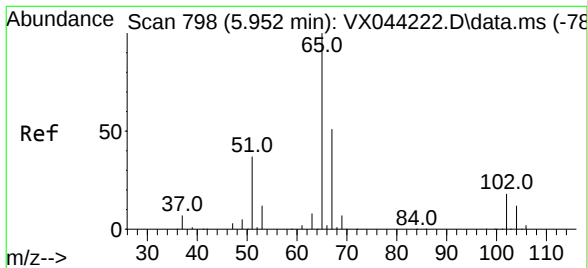
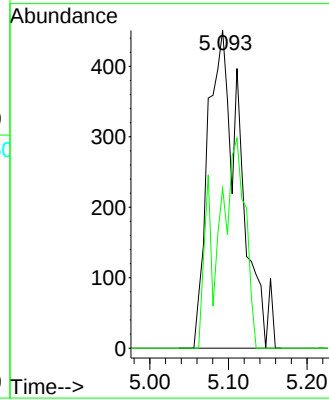
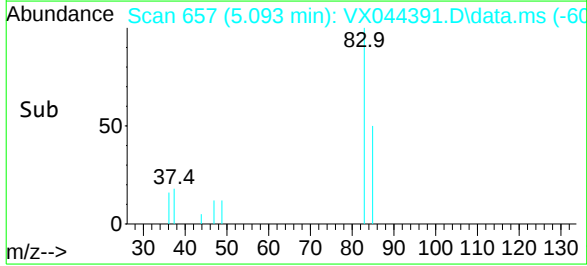
85 50.3 51.6 77.4#

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#33

1,2-Dichloroethane-d4

Concen: 44.941 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044391.D

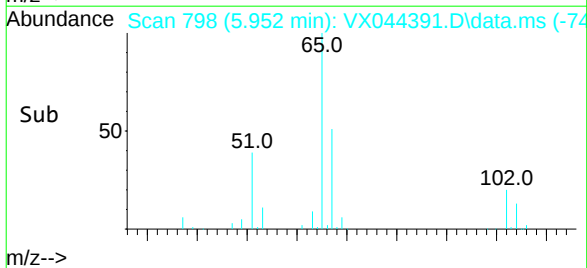
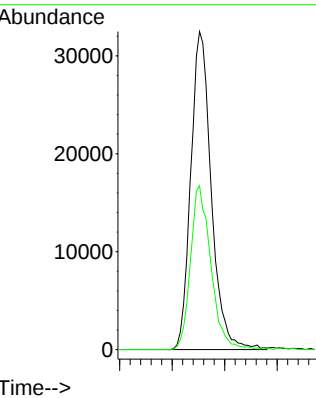
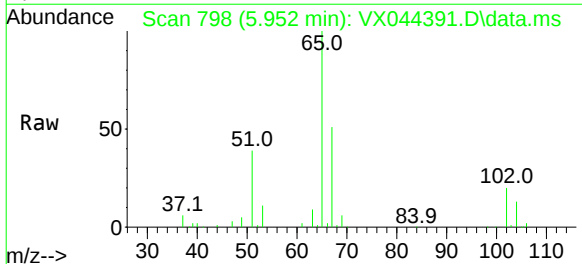
Acq: 18 Dec 2024 18:18

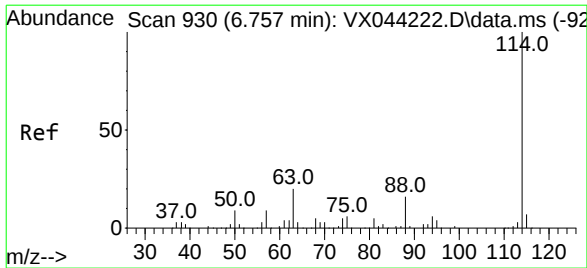
Tgt Ion: 65 Resp: 88101

Ion Ratio Lower Upper

65 100

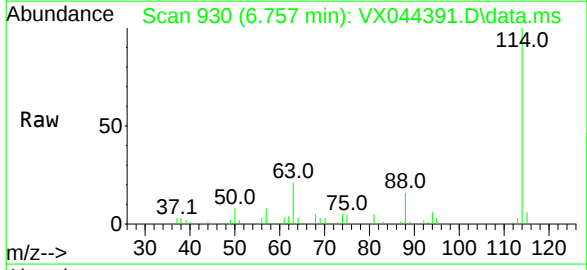
67 51.1 0.0 101.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044391.D
Acq: 18 Dec 2024 18:18

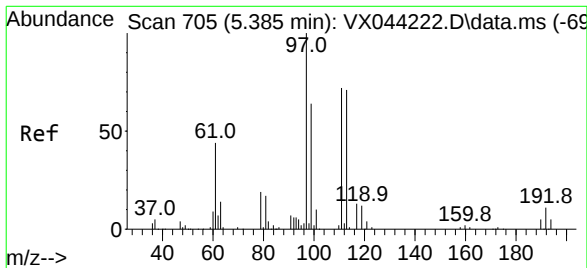
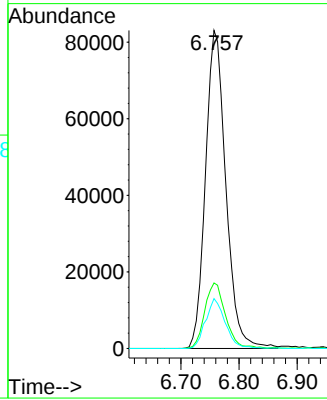
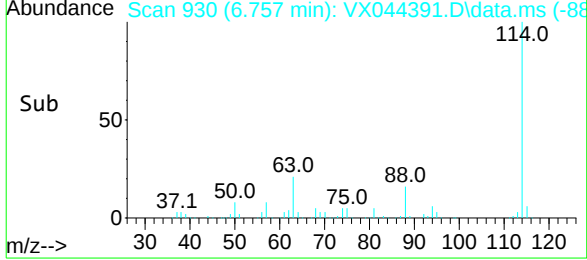
Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20241213



Tgt Ion:114 Resp: 202274
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.6
88 15.7 0.0 31.8

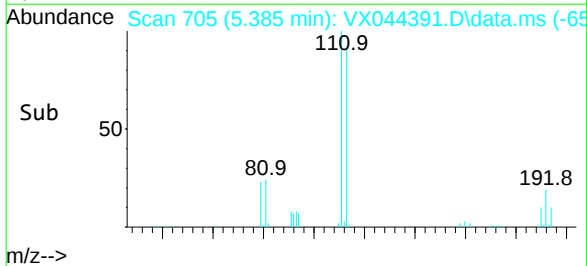
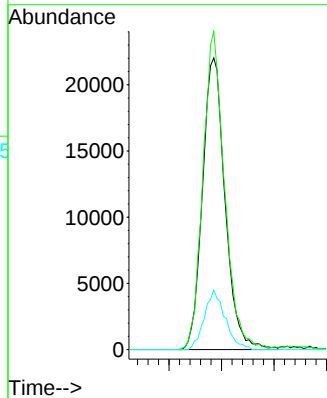
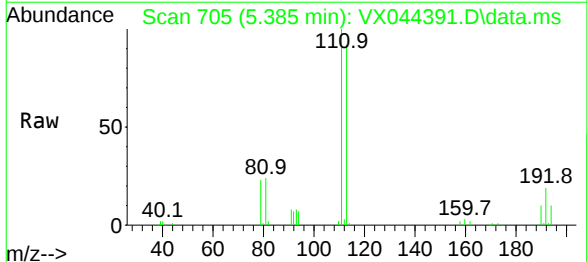
Manual Integrations
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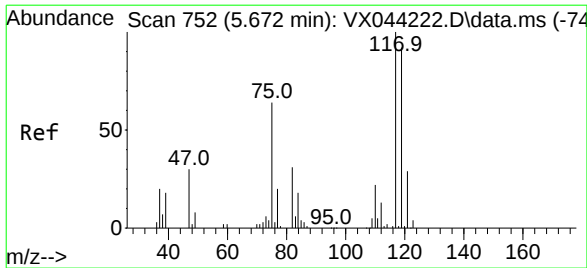
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#35
Dibromofluoromethane
Concen: 47.011 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044391.D
Acq: 18 Dec 2024 18:18

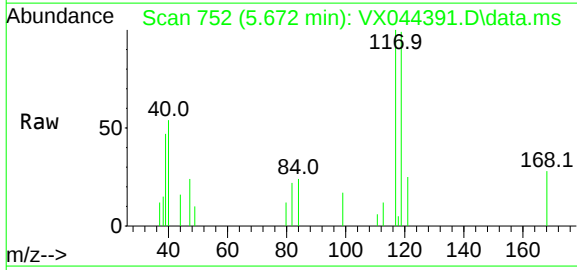
Tgt Ion:113 Resp: 65859
Ion Ratio Lower Upper
113 100
111 104.4 80.4 120.6
192 18.8 13.3 19.9





#38
Carbon Tetrachloride
Concen: 1.619 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX044391.D
Acq: 18 Dec 2024 18:18

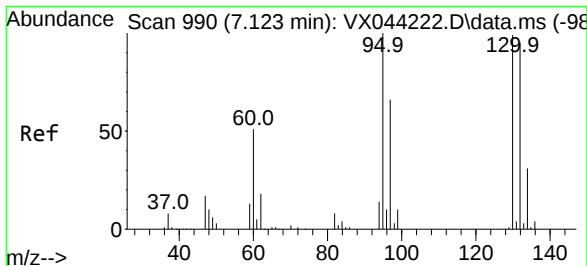
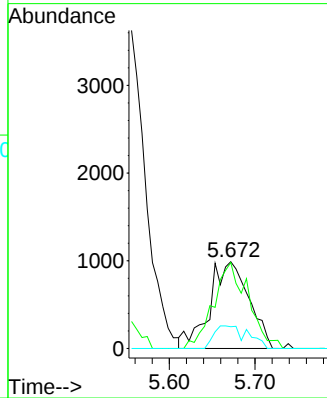
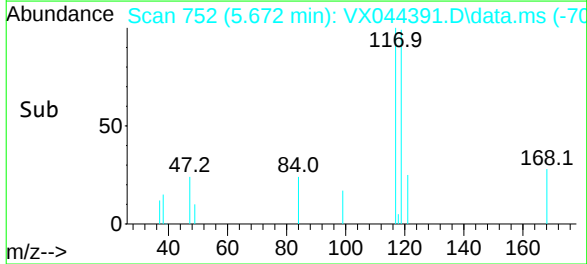
Instrument :
MSVOA_X
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RE117D1-20241213



Tgt Ion:117 Resp: 3157
Ion Ratio Lower Upper
117 100
119 99.1 74.2 111.4
121 25.1 23.0 34.6

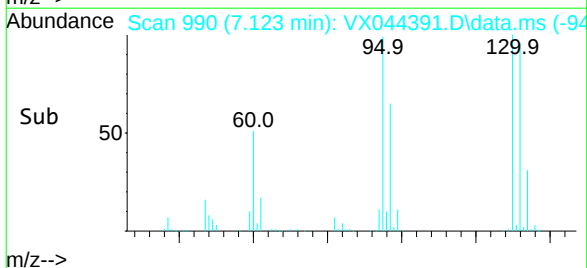
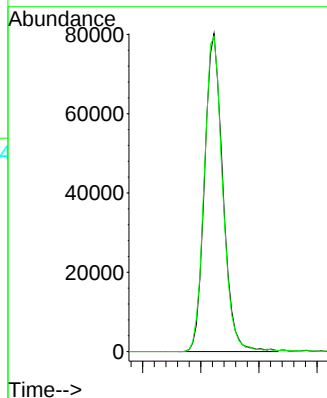
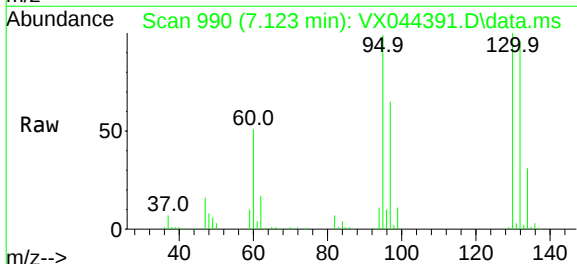
Manual Integrations
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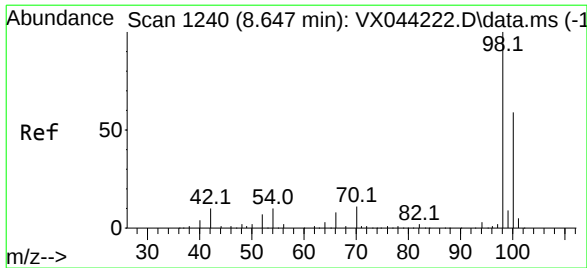
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#44
Trichloroethene
Concen: 127.770 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044391.D
Acq: 18 Dec 2024 18:18

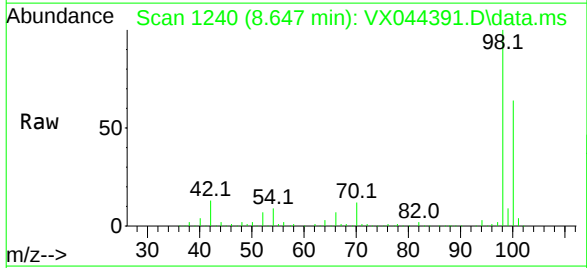
Tgt Ion:130 Resp: 175185
Ion Ratio Lower Upper
130 100
95 99.0 0.0 201.4





#50
Toluene-d8
Concen: 51.096 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044391.D
Acq: 18 Dec 2024 18:18

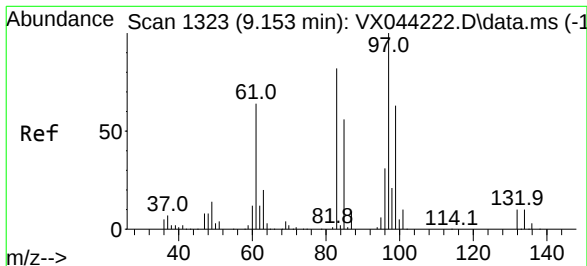
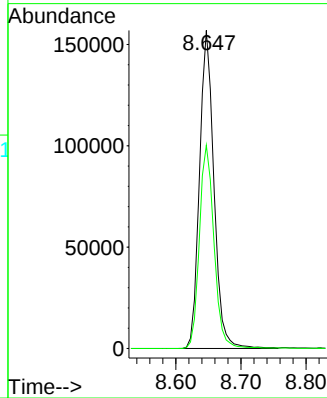
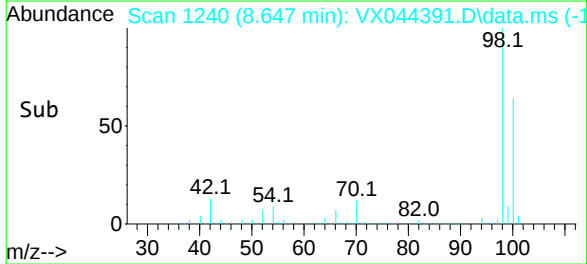
Instrument :
MSVOA_X
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RE117D1-20241213



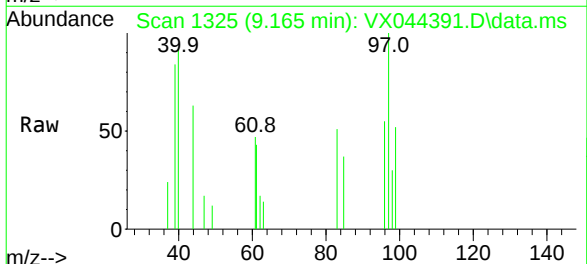
Tgt Ion: 98 Resp: 241495
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3

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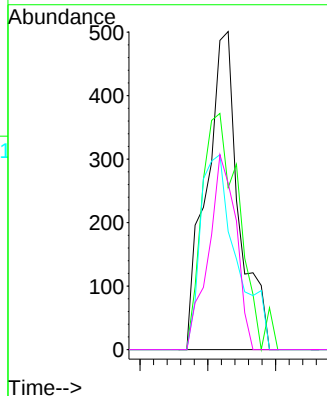
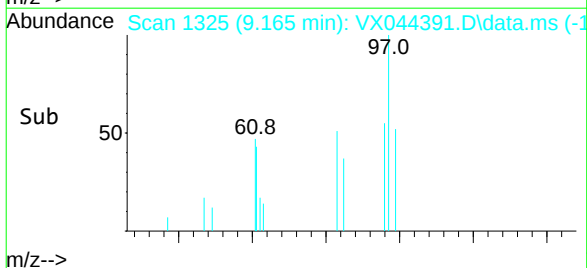
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

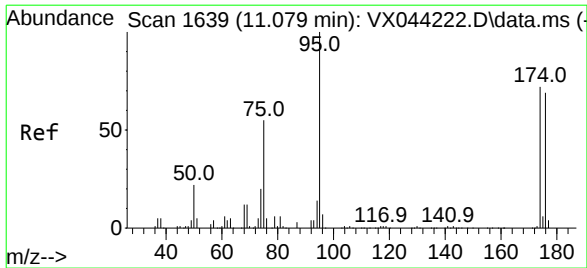


#55
1,1,2-Trichloroethane
Concen: 0.608 ug/l
RT: 9.165 min Scan# 1325
Delta R.T. 0.012 min
Lab File: VX044391.D
Acq: 18 Dec 2024 18:18



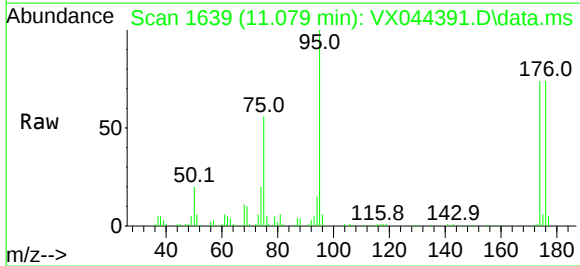
Tgt Ion: 97 Resp: 834
Ion Ratio Lower Upper
97 100
83 50.9 65.3 97.9#
85 37.1 44.6 67.0#
99 52.3 50.2 75.2





#62
4-Bromofluorobenzene
Concen: 45.797 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044391.D
Acq: 18 Dec 2024 18:18

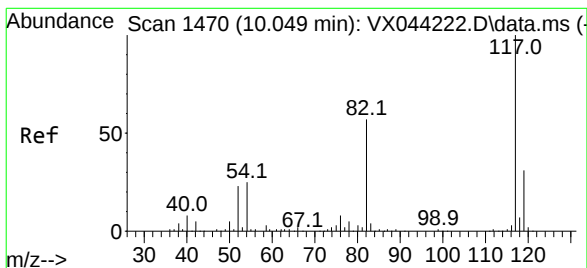
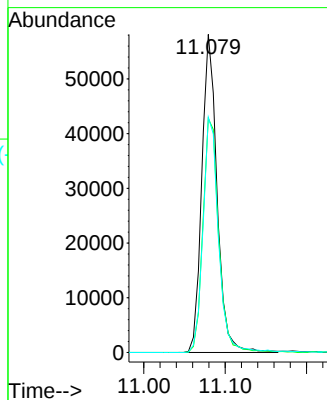
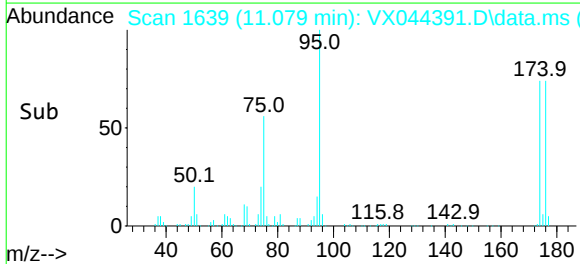
Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20241213



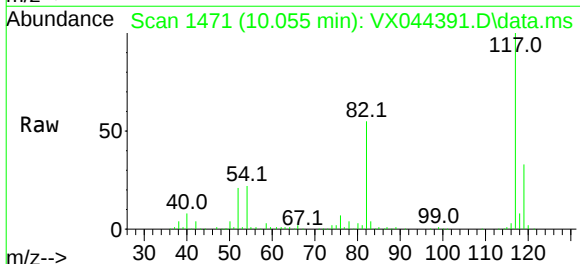
Tgt Ion:	95	Resp:	75633
Ion Ratio	Lower	Upper	
95	100		
174	76.2	0.0	145.8
176	75.9	0.0	137.8

Manual Integrations
APPROVED

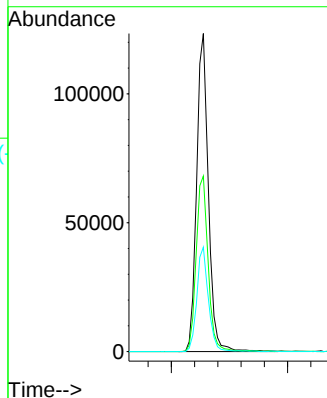
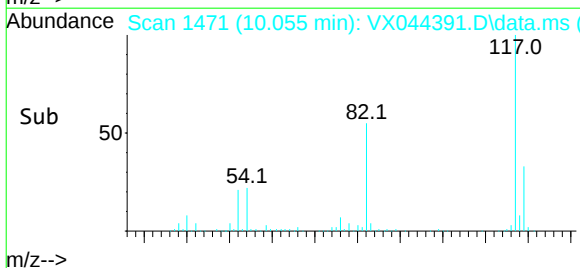
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

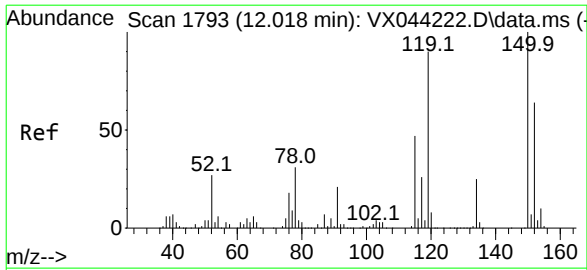


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044391.D
Acq: 18 Dec 2024 18:18



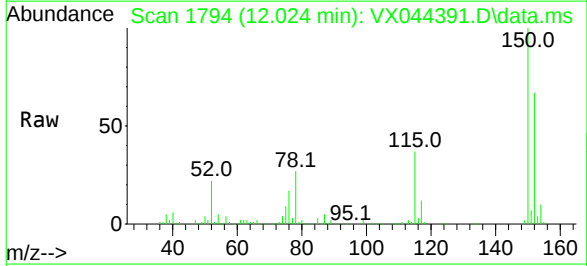
Tgt Ion:	117	Resp:	172810
Ion Ratio	Lower	Upper	
117	100		
82	55.2	45.8	68.8
119	32.8	25.0	37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 17
 Delta R.T. 0.006 min
 Lab File: VX044391.D
 Acq: 18 Dec 2024 18:18

Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D1-20241213



Tgt Ion:152 Resp: 67944
 Ion Ratio Lower Upper
 152 100
 115 60.0 44.5 133.3
 150 156.1 0.0 353.8

Manual Integrations
 APPROVED

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

