

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044401.D
 Acq On : 19 Dec 2024 00:13
 Operator : JC/MD
 Sample : P5317-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D2-20241216

Manual Integrations
 APPROVED

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

Quant Time: Dec 19 05:06:32 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	107762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	195811	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	84423	44.682	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.360%		
35) Dibromofluoromethane	5.379	113	64929	47.877	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.760%		
50) Toluene-d8	8.647	98	243041	53.120	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.240%		
62) 4-Bromofluorobenzene	11.079	95	77802	48.665	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.320%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1030	0.618	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.319	101	18563	14.116	ug/l	95
12) 1,1-Dichloroethene	2.306	96	1092	0.904	ug/l	99
16) Acetone	2.386	43	1335	1.733	ug/l #	89
20) Methylene Chloride	2.776	84	431	0.298	ug/l #	67
24) 1,1-Dichloroethane	3.605	63	1566	0.620	ug/l #	80
27) cis-1,2-Dichloroethene	4.489	96	3021	1.853	ug/l	80
30) Chloroform	5.080	83	1621m	0.571	ug/l	
38) Carbon Tetrachloride	5.666	117	1231	0.652	ug/l	97
44) Trichloroethene	7.117	130	146402	110.301	ug/l	95
52) Toluene	8.720	92	969	0.290	ug/l	98
55) 1,1,2-Trichloroethane	9.159	97	559	0.421	ug/l #	83
68) m/p-Xylenes	10.305	106	1159	0.484	ug/l	99

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

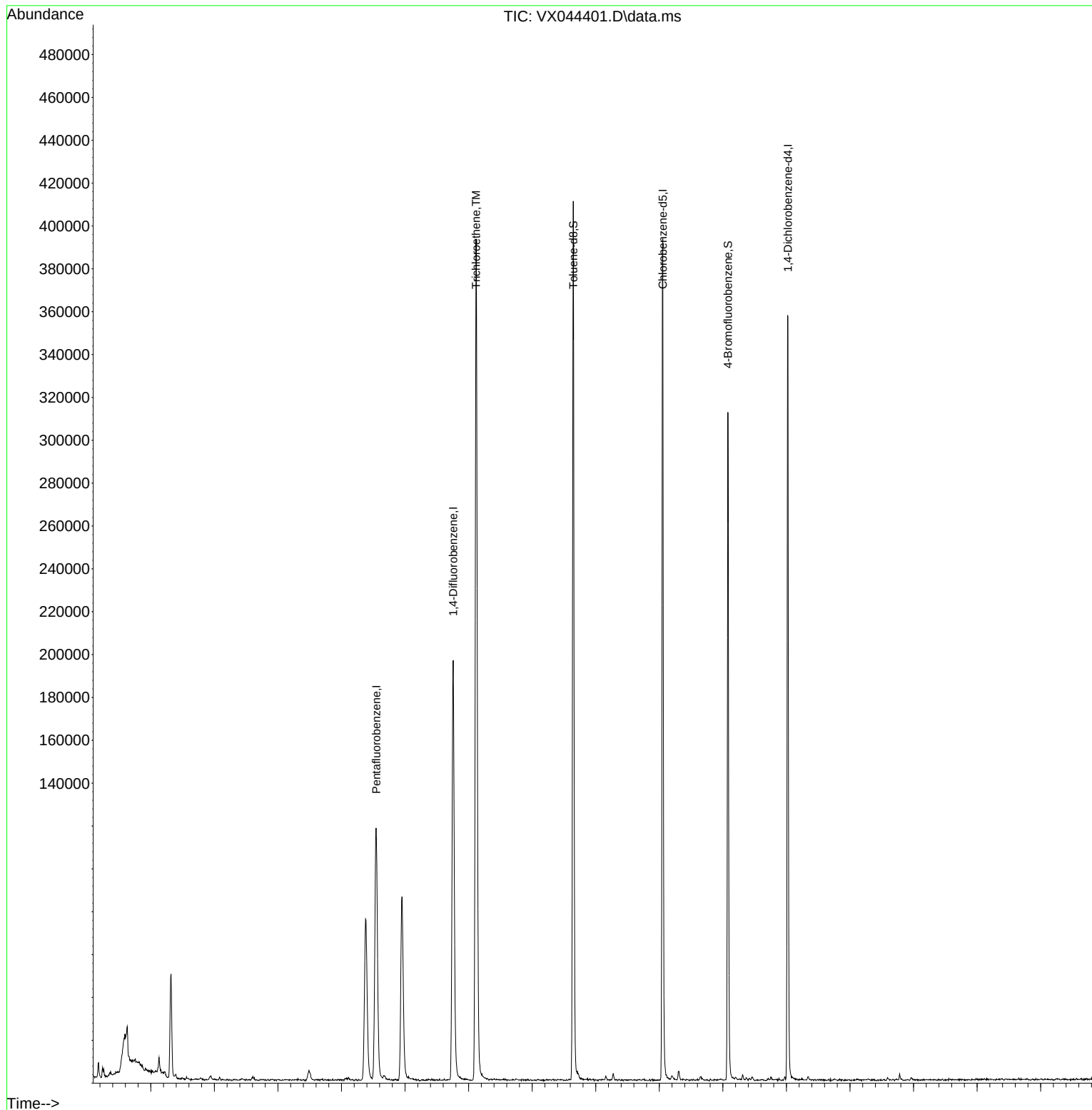
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
Data File : VX044401.D
Acq On : 19 Dec 2024 00:13
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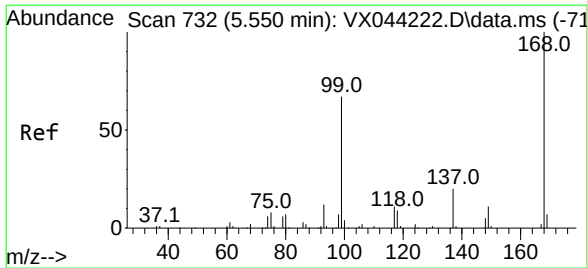
Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20241216

Quant Time: Dec 19 05:06:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
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APPROVED

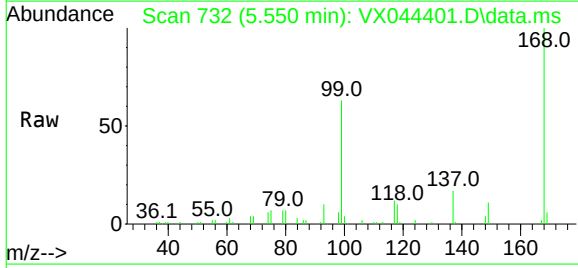
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 73
Delta R.T. -0.000 min
Lab File: VX044401.D
Acq: 19 Dec 2024 00:13

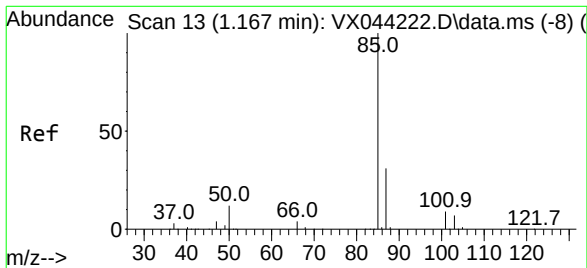
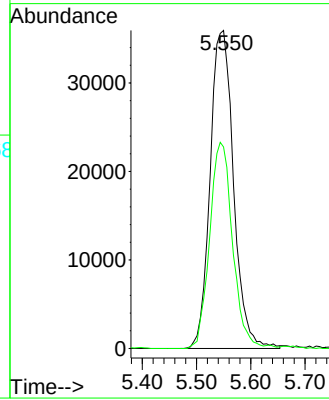
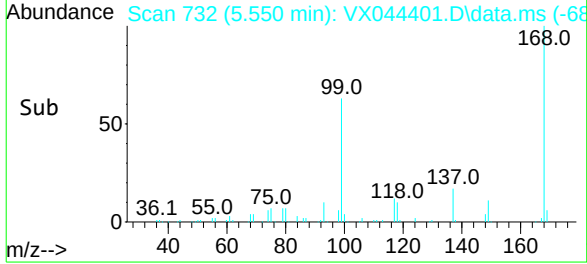
Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20241216



Tgt Ion:168 Resp: 107762
Ion Ratio Lower Upper
168 100
99 63.4 53.4 80.0

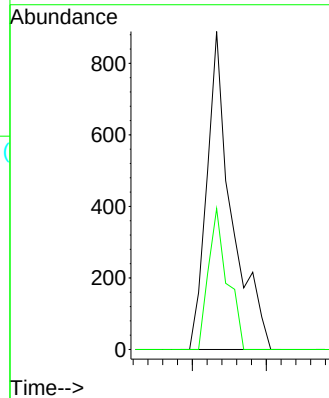
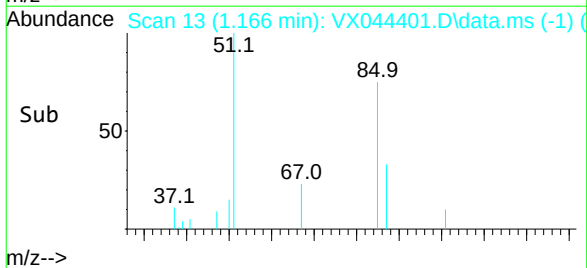
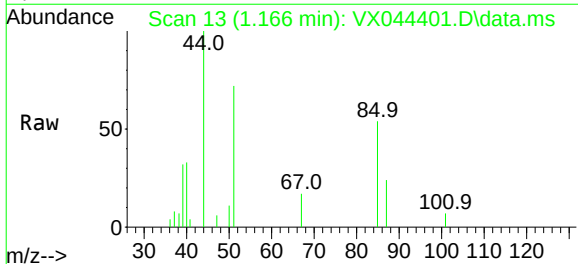
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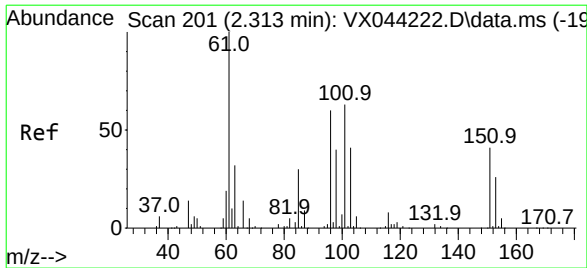
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#2
Dichlorodifluoromethane
Concen: 0.618 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044401.D
Acq: 19 Dec 2024 00:13

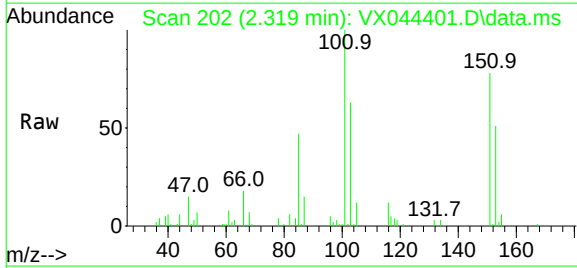
Tgt Ion: 85 Resp: 1030
Ion Ratio Lower Upper
85 100
87 44.3 15.4 46.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.116 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044401.D
Acq: 19 Dec 2024 00:13

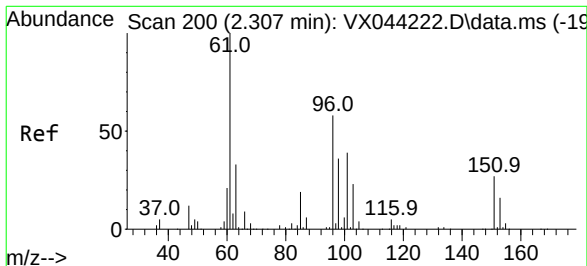
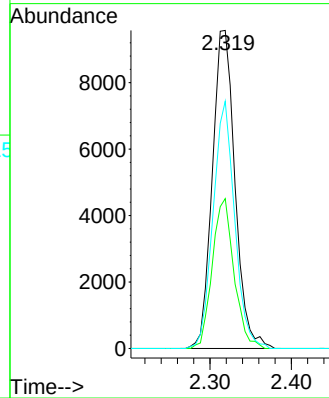
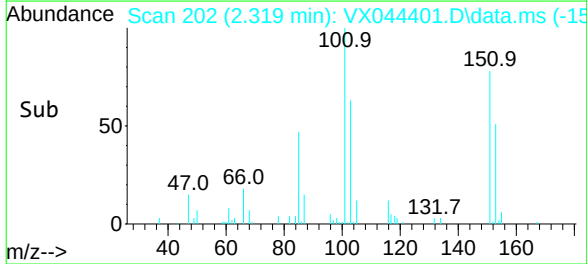
Instrument :
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Tgt Ion: 101 Resp: 18563
Ion Ratio Lower Upper
101 100
85 45.1 38.5 57.7
151 74.0 55.8 83.6

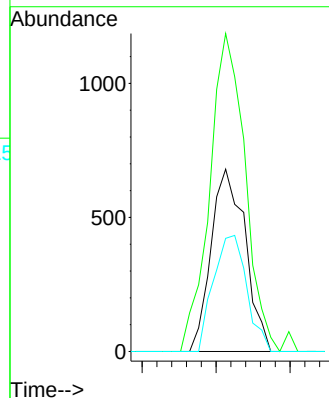
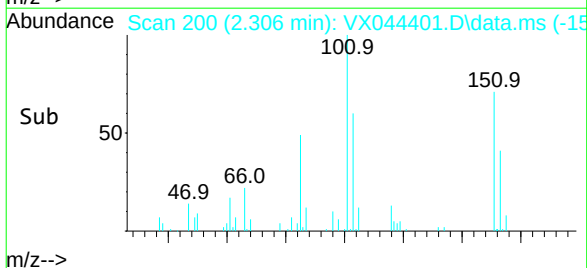
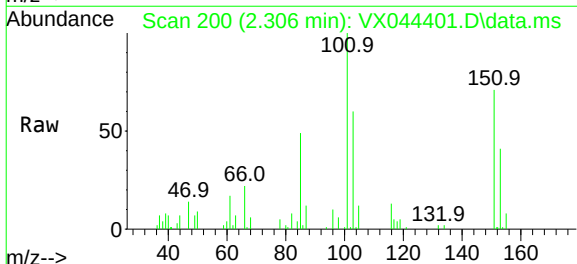
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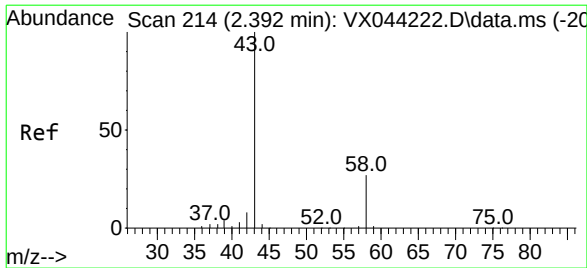
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#12
1,1-Dichloroethene
Concen: 0.904 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX044401.D
Acq: 19 Dec 2024 00:13

Tgt Ion: 96 Resp: 1092
Ion Ratio Lower Upper
96 100
61 174.4 138.0 207.0
98 62.1 50.0 75.0





#16

Acetone

Concen: 1.733 ug/l

RT: 2.386 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX044401.D

Acq: 19 Dec 2024 00:13

Instrument :

MSVOA_X

ClientSampleId :

RE114D2-20241216

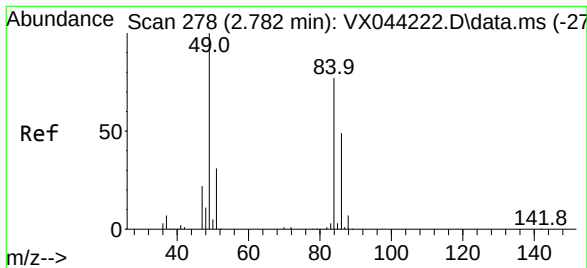
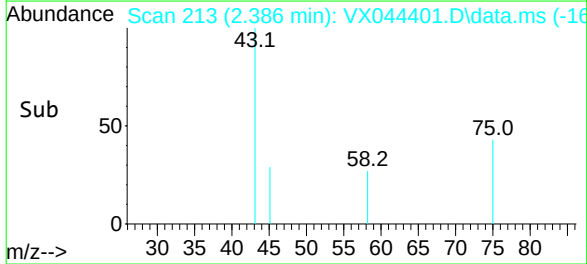
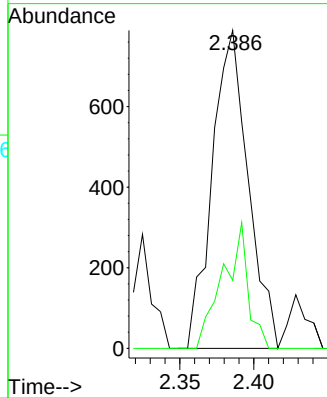
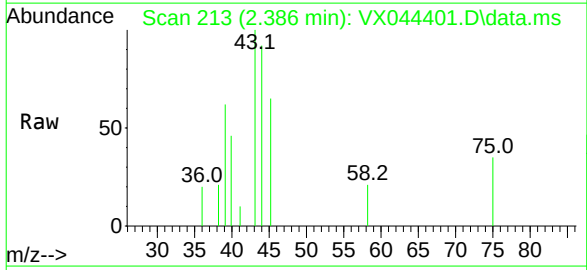
Tgt Ion:	43	Resp:	1335
Ion	Ratio	Lower	Upper
43	100		
58	21.4	21.6	32.4#

Manual Integrations

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Supervised By :Mahesh Dadoda 12/20/2024



#20

Methylene Chloride

Concen: 0.298 ug/l

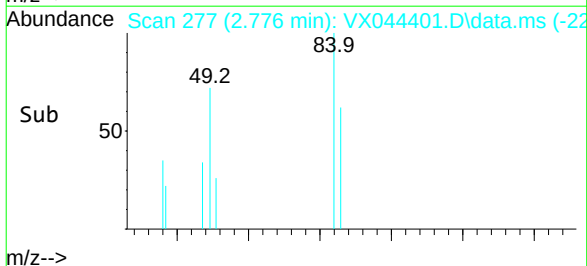
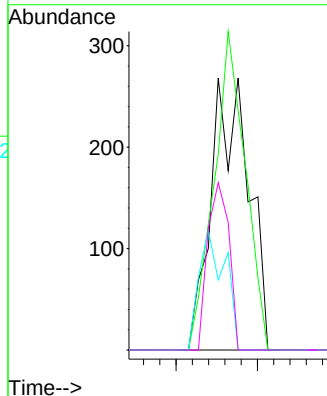
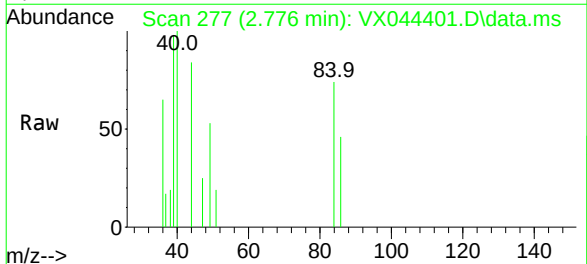
RT: 2.776 min Scan# 277

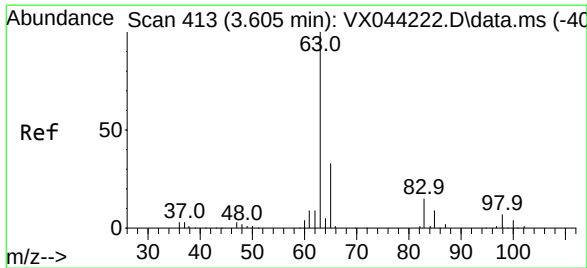
Delta R.T. -0.006 min

Lab File: VX044401.D

Acq: 19 Dec 2024 00:13

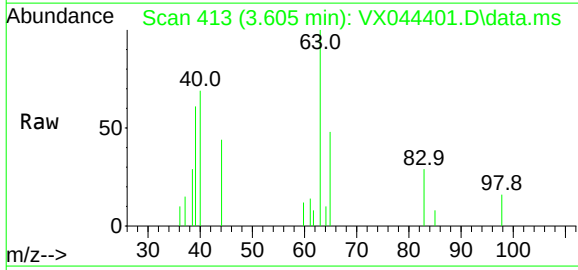
Tgt Ion:	84	Resp:	431
Ion	Ratio	Lower	Upper
84	100		
49	72.0	104.2	156.4#
51	25.7	32.2	48.4#
86	61.6	50.9	76.3





#24
1,1-Dichloroethane
Concen: 0.620 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX044401.D
Acq: 19 Dec 2024 00:13

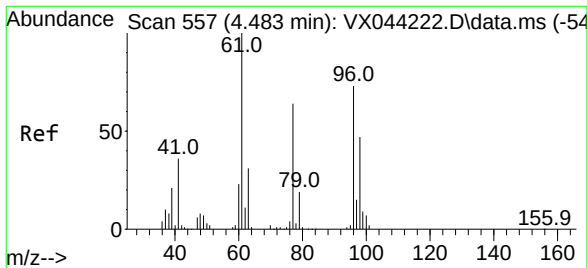
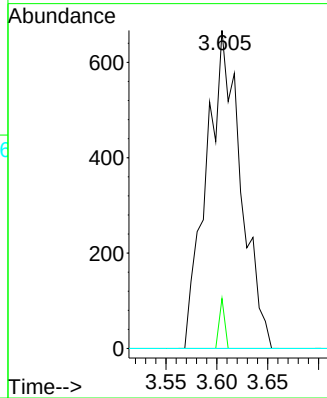
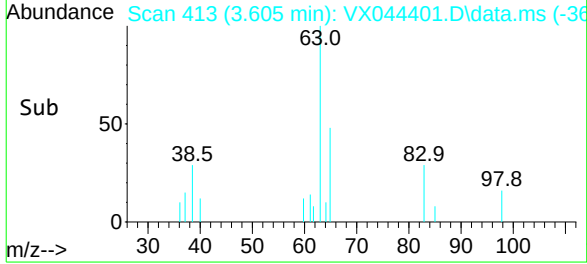
Instrument : MSVOA_X
ClientSampleId : RE114D2-20241216



Tgt Ion: 63 Resp: 1566
Ion Ratio Lower Upper
63 100
98 15.7 3.6 10.8#
100 0.0 2.1 6.3#

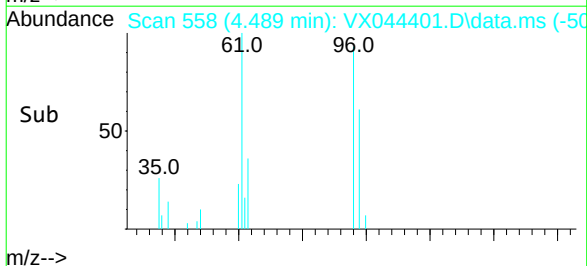
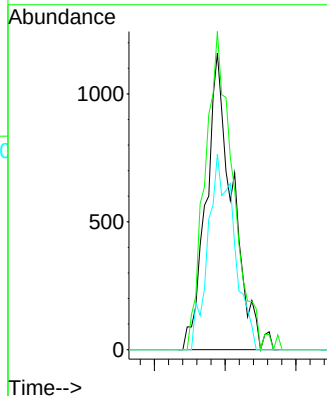
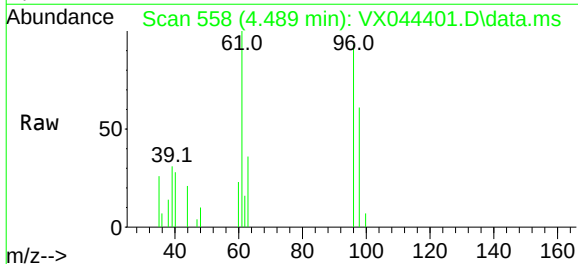
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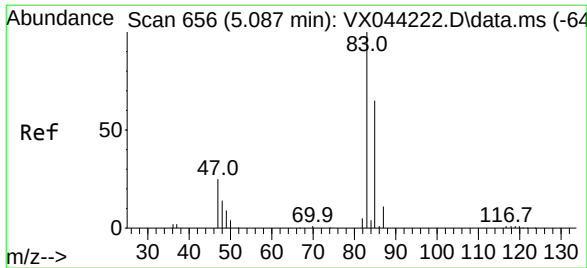
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#27
cis-1,2-Dichloroethene
Concen: 1.853 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX044401.D
Acq: 19 Dec 2024 00:13

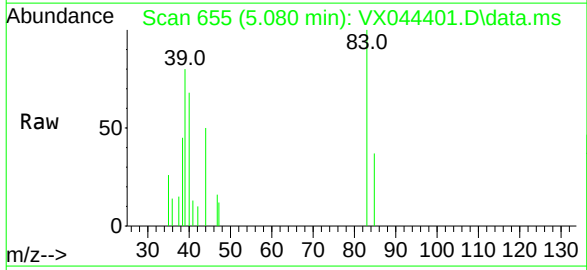
Tgt Ion: 96 Resp: 3021
Ion Ratio Lower Upper
96 100
61 114.0 0.0 299.0
98 65.1 0.0 129.0





#30
Chloroform
Concen: 0.571 ug/l m
RT: 5.080 min Scan# 65
Delta R.T. -0.006 min
Lab File: VX044401.D
Acq: 19 Dec 2024 00:13

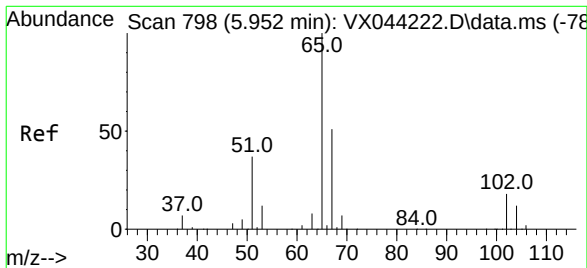
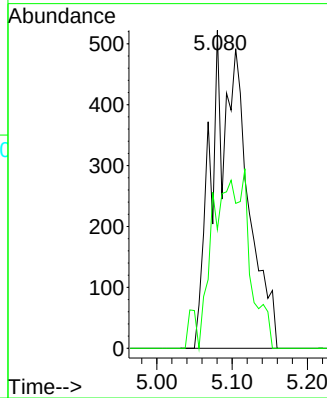
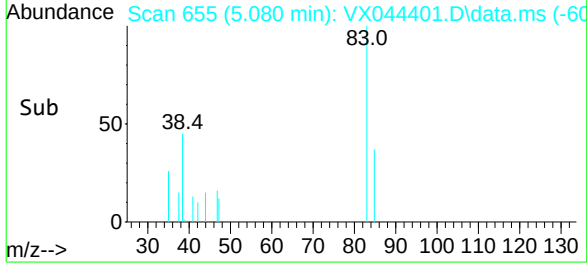
Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20241216



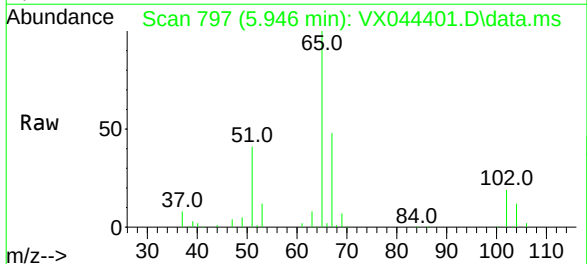
Tgt Ion: 83 Resp: 1621
Ion Ratio Lower Upper
83 100
85 37.4 51.6 77.4#

Manual Integrations
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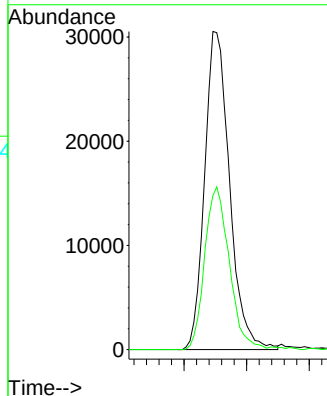
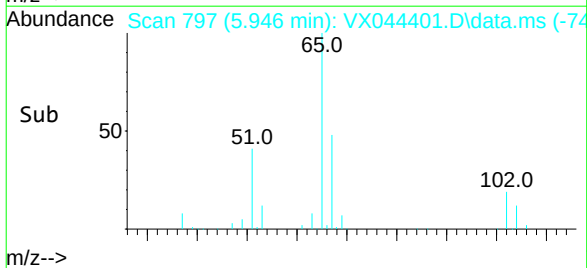
Reviewed By :John Carlone 12/20/2024
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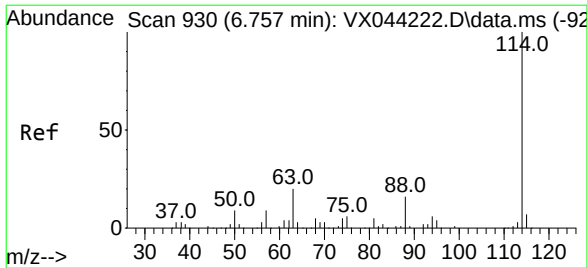


#33
1,2-Dichloroethane-d4
Concen: 44.682 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX044401.D
Acq: 19 Dec 2024 00:13



Tgt Ion: 65 Resp: 84423
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.6





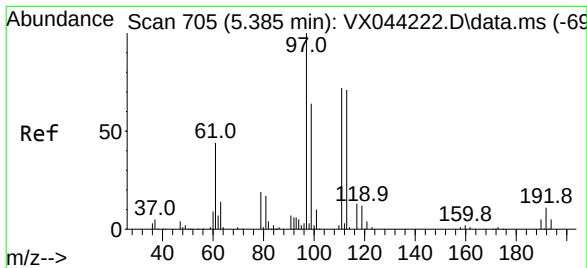
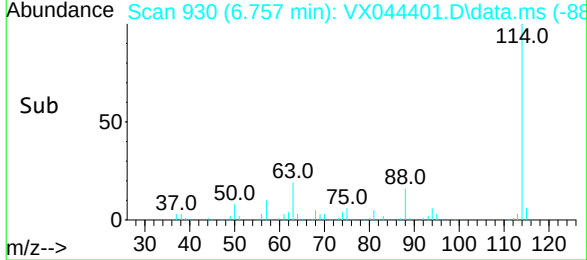
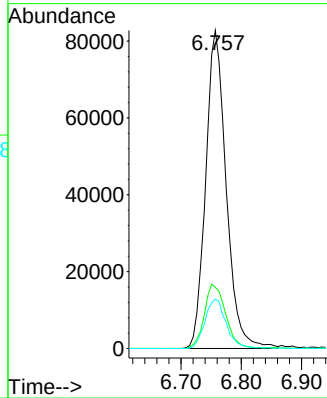
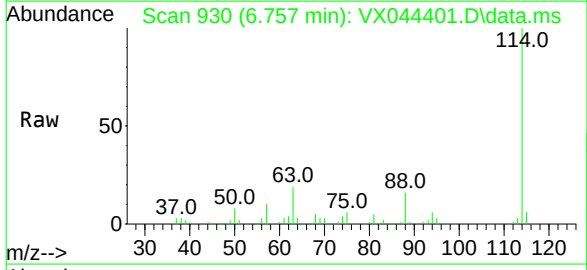
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX044401.D
Acq: 19 Dec 2024 00:13

Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20241216

Tgt Ion:	114	Resp:	195811
Ion Ratio	Lower	Upper	
114	100		
63	19.2	0.0	40.6
88	15.5	0.0	31.8

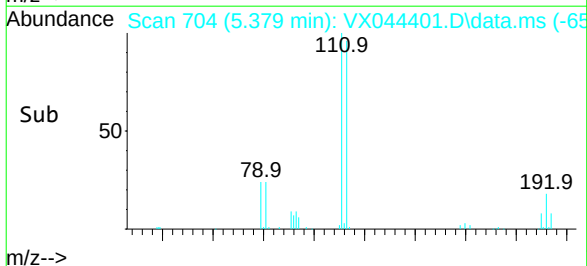
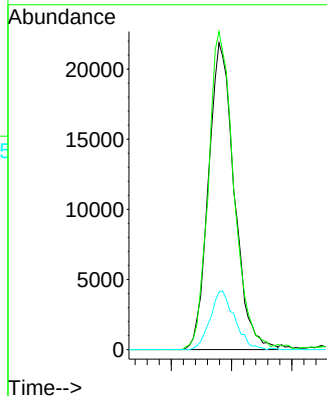
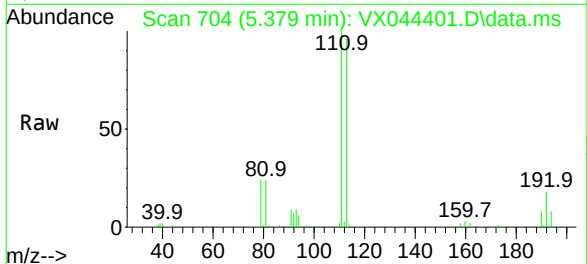
Manual Integrations
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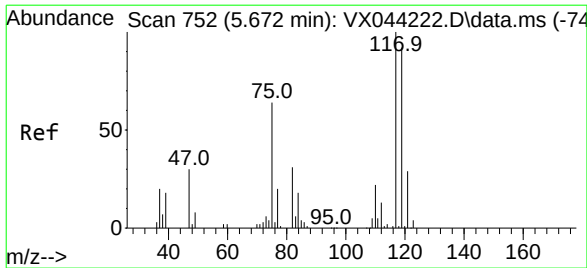
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#35
Dibromofluoromethane
Concen: 47.877 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044401.D
Acq: 19 Dec 2024 00:13

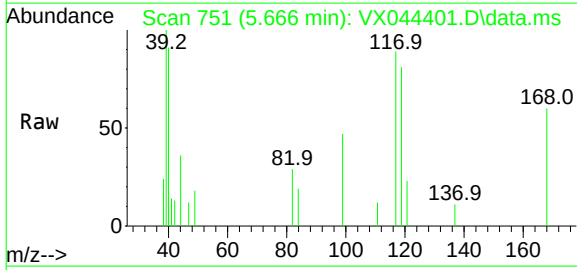
Tgt Ion:	113	Resp:	64929
Ion Ratio	Lower	Upper	
113	100		
111	102.5	80.4	120.6
192	18.1	13.3	19.9





#38
Carbon Tetrachloride
Concen: 0.652 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044401.D
Acq: 19 Dec 2024 00:13

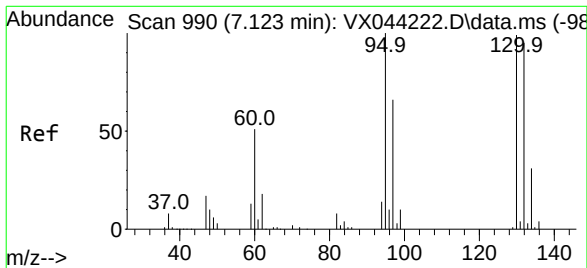
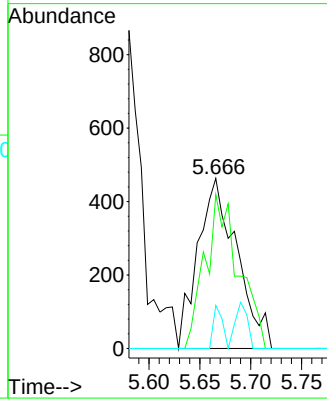
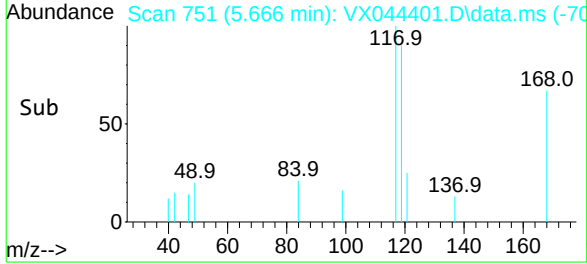
Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20241216



Tgt Ion:	117	Resp:	1231
Ion	Ratio	Lower	Upper
117	100		
119	90.5	74.2	111.4
121	25.3	23.0	34.6

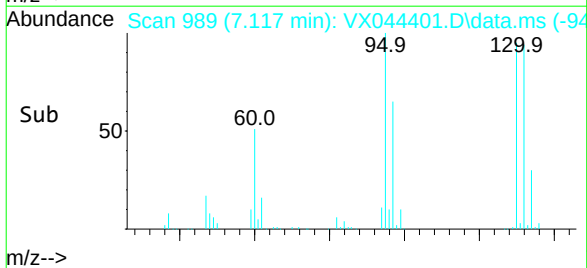
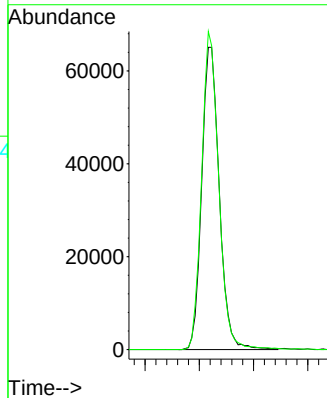
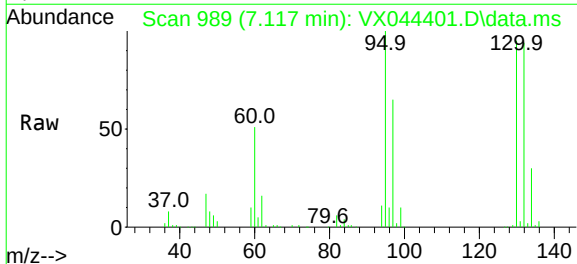
Manual Integrations
APPROVED

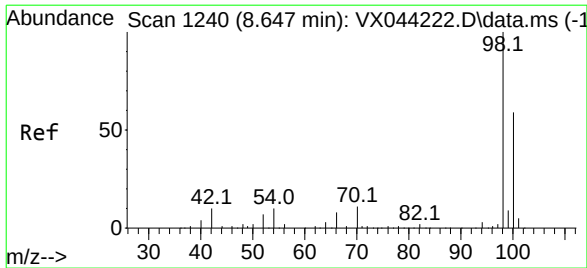
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#44
Trichloroethene
Concen: 110.301 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX044401.D
Acq: 19 Dec 2024 00:13

Tgt Ion:	130	Resp:	146402
Ion	Ratio	Lower	Upper
130	100		
95	105.2	0.0	201.4





#50

Toluene-d8

Concen: 53.120 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX044401.D

Acq: 19 Dec 2024 00:13

Instrument :

MSVOA_X

ClientSampleId :

RE114D2-20241216

Tgt Ion: 98 Resp: 243041

Ion Ratio Lower Upper

98 100

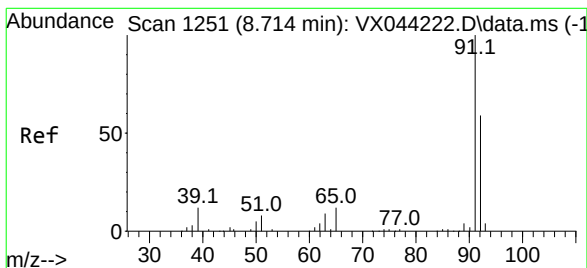
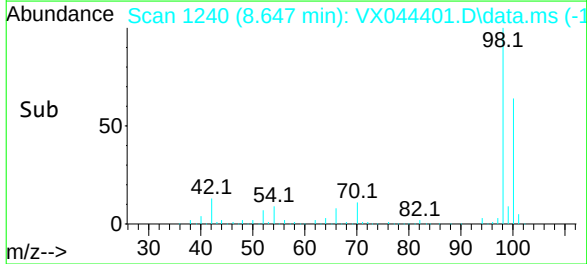
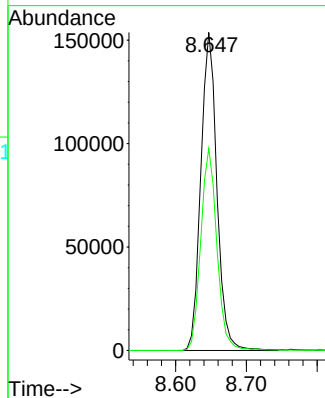
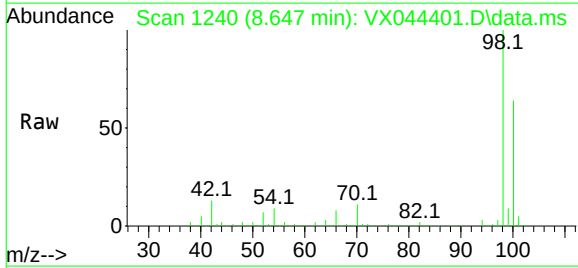
100 63.8 51.5 77.3

Manual Integrations

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Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#52

Toluene

Concen: 0.290 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX044401.D

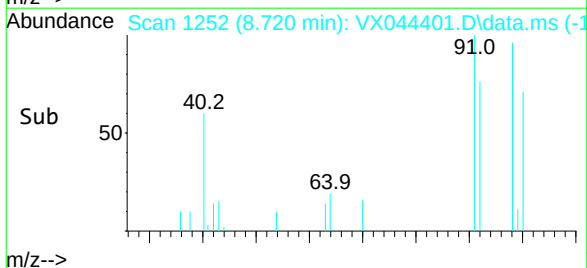
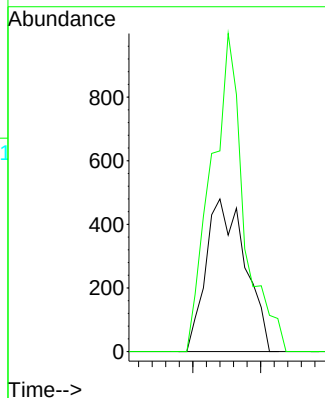
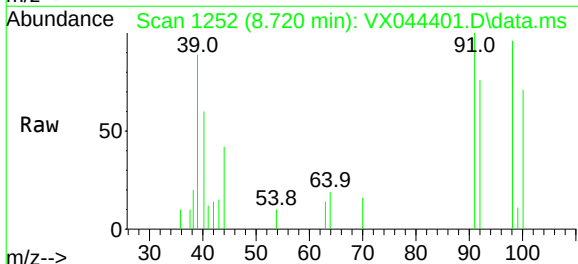
Acq: 19 Dec 2024 00:13

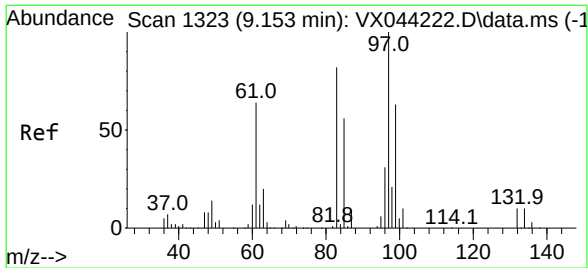
Tgt Ion: 92 Resp: 969

Ion Ratio Lower Upper

92 100

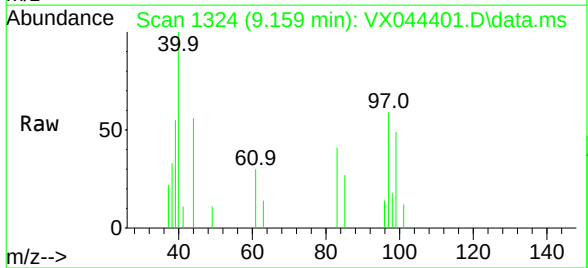
91 174.4 137.0 205.6





#55
1,1,2-Trichloroethane
Concen: 0.421 ug/l
RT: 9.159 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX044401.D
Acq: 19 Dec 2024 00:13

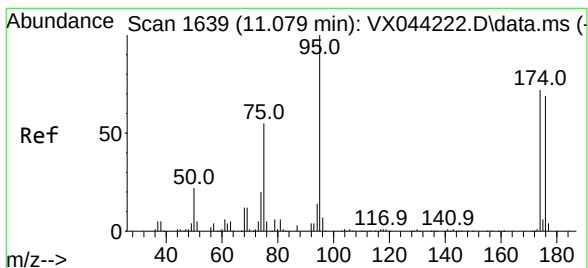
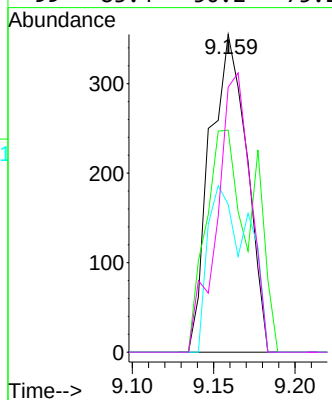
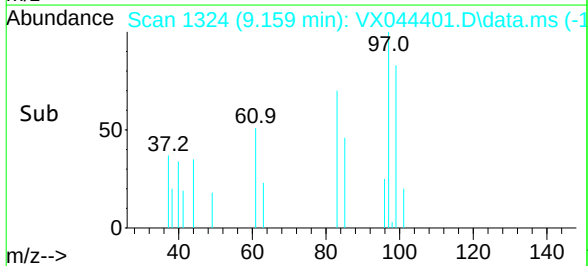
Instrument : MSVOA_X
ClientSampleId : RE114D2-20241216



Tgt Ion	Ratio	Lower	Upper
97	100		
83	69.9	65.3	97.9
85	46.5	44.6	67.0
99	83.4	50.2	75.2#

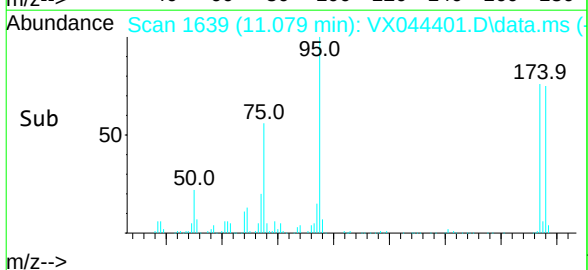
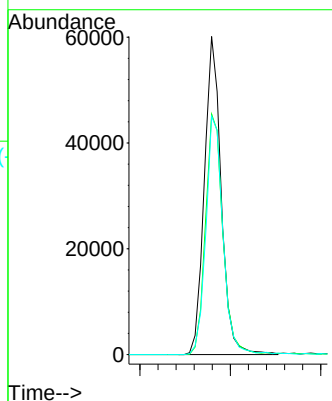
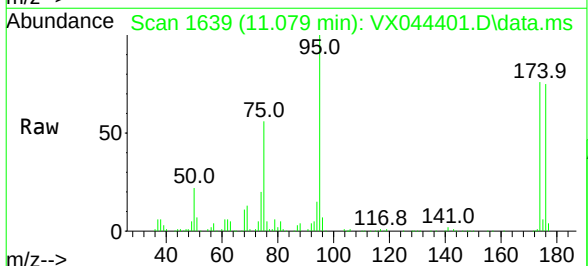
Manual Integrations
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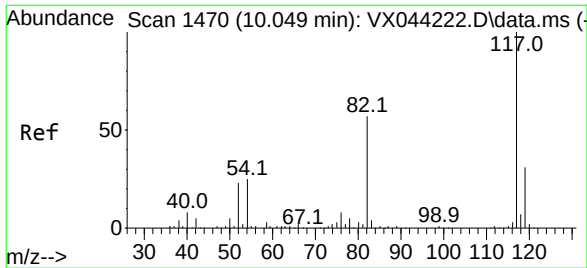
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#62
4-Bromofluorobenzene
Concen: 48.665 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044401.D
Acq: 19 Dec 2024 00:13

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.4	0.0	145.8
176	76.2	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: VX044401.D

Acq: 19 Dec 2024 00:13

Instrument :

MSVOA_X

ClientSampleId :

RE114D2-20241216

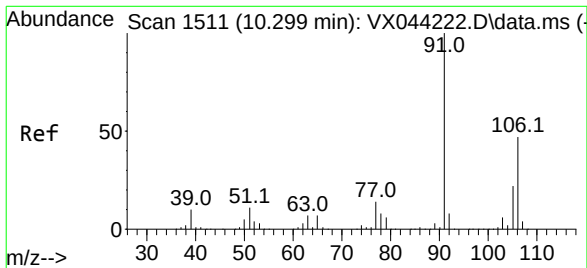
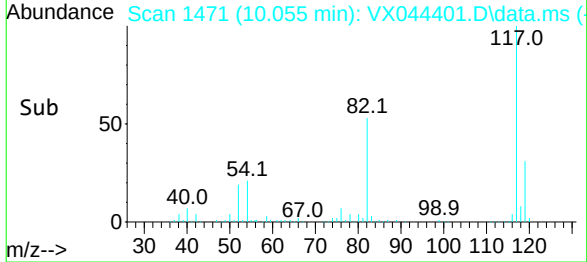
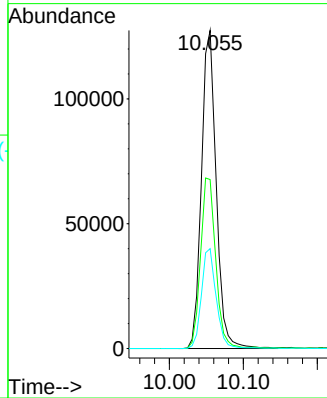
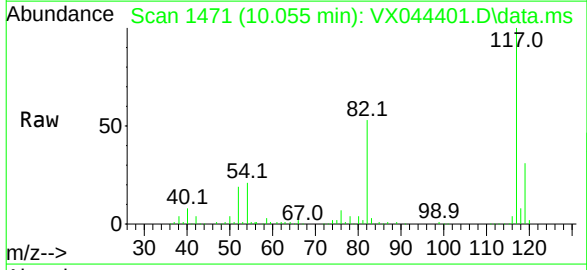
Tgt Ion:	117	Resp:	176405
Ion	Ratio	Lower	Upper
117	100		
82	53.1	45.8	68.8
119	31.4	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#68

m/p-Xylenes

Concen: 0.484 ug/l

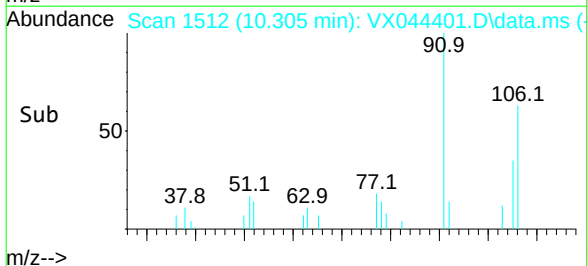
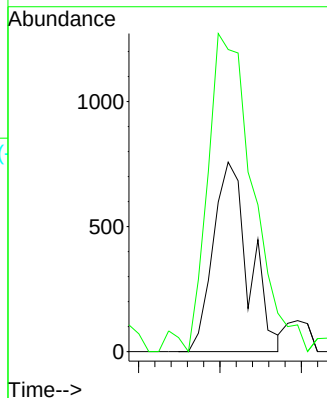
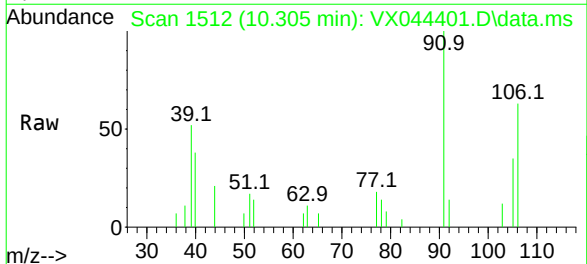
RT: 10.305 min Scan# 1512

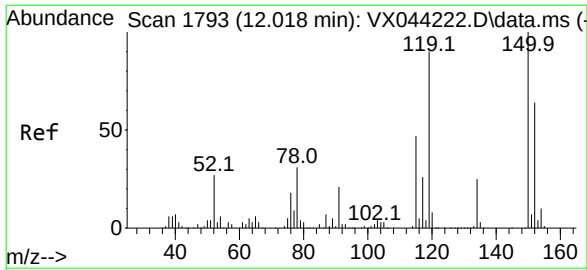
Delta R.T. 0.006 min

Lab File: VX044401.D

Acq: 19 Dec 2024 00:13

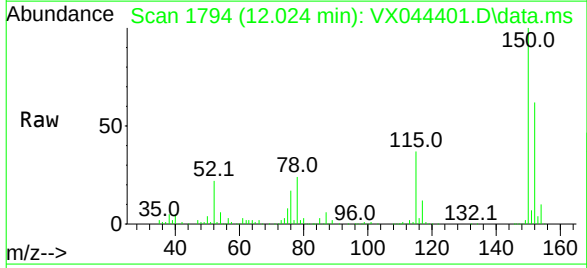
Tgt Ion:	106	Resp:	1159
Ion	Ratio	Lower	Upper
106	100		
91	214.6	170.2	255.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.006 min
 Lab File: VX044401.D
 Acq: 19 Dec 2024 00:13

Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D2-20241216



Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.9	44.5	133.3
150	159.9	0.0	353.8

Manual Integrations
 APPROVED

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

