

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061323\
 Data File : VX036139.D
 Acq On : 13 Jun 2023 13:18
 Operator : JC/MD
 Sample : 03173-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-07B-62.5-67.5-061223-FD

Quant Time: Jun 14 00:53:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/14/2023
 Supervised By :Mahesh Dadoda 06/14/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	225189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	366221	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	325092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	171657	46.943	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.880%		
35) Dibromofluoromethane	5.385	113	116030	47.106	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.220%		
50) Toluene-d8	8.647	98	435336	49.245	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.500%		
62) 4-Bromofluorobenzene	11.079	95	168768	48.361	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.720%		
Target Compounds					Qvalue	
4) Vinyl Chloride	1.374	62	1303	0.493	ug/l	99
6) Chloroethane	1.691	64	597	0.384	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	1800	0.780	ug/l	89
12) 1,1-Dichloroethene	2.319	96	222500	98.488	ug/l	97
16) Acetone	2.398	43	2102	1.393	ug/l #	80
21) trans-1,2-Dichloroethene	3.093	96	11238	4.352	ug/l	97
24) 1,1-Dichloroethane	3.611	63	31620	6.311	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	132060	42.607	ug/l	91
40) Benzene	6.043	78	2328	0.236	ug/l	97
42) 1,2-Dichloroethane	6.092	62	18103	4.638	ug/l	99
44) Trichloroethene	7.123	130	226514	88.585	ug/l	94
49) 1,4-Dioxane	7.732	88	5613m	83.097	ug/l	

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

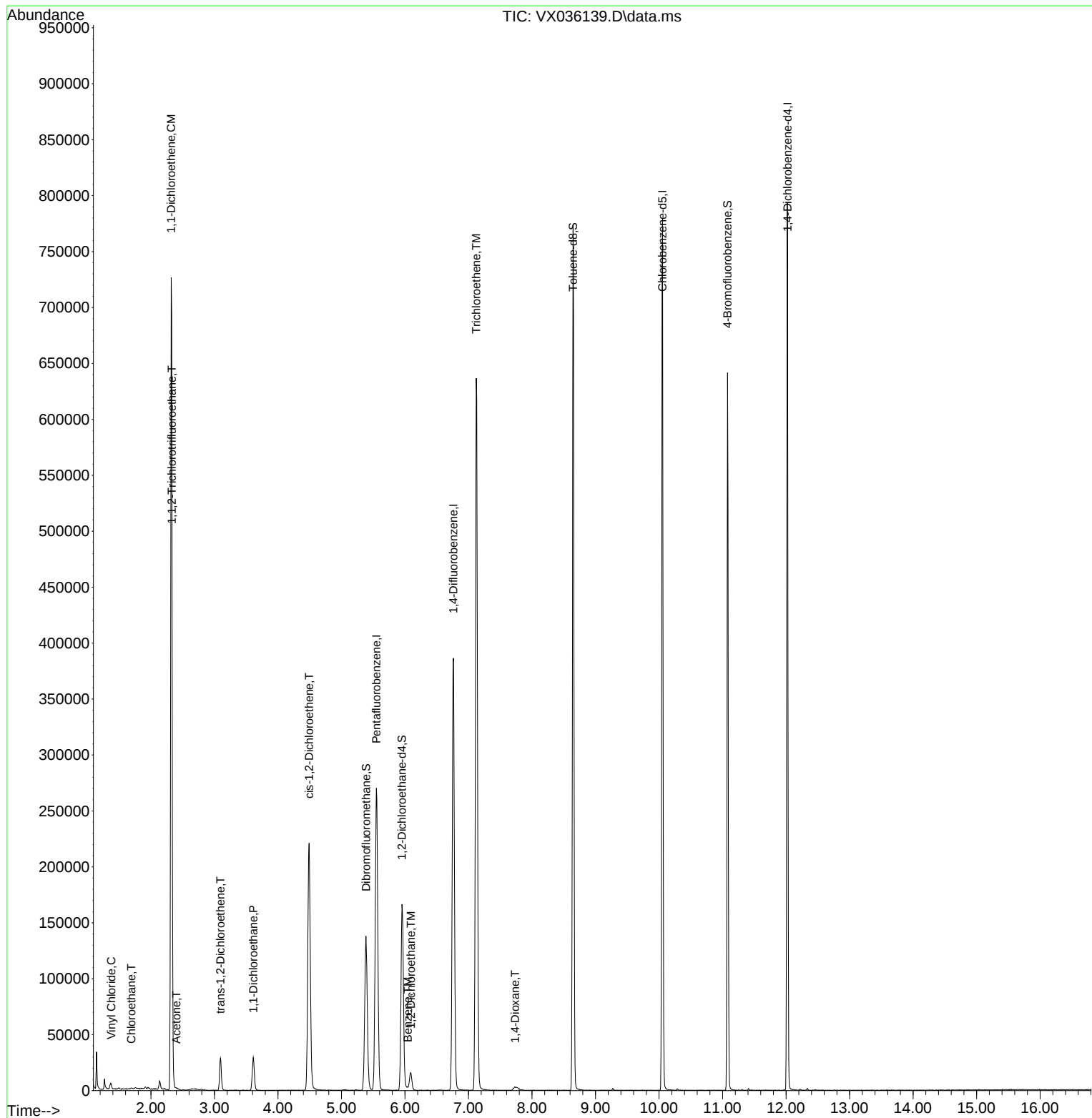
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Data File : VX036139.D
Acq On : 13 Jun 2023 13:18
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OW-07B-62.5-67.5-061223-FD

Quant Time: Jun 14 00:53:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
Quant Title : SW846 8260
QLast Update : Wed May 31 12:50:30 2023
Response via : Initial Calibration

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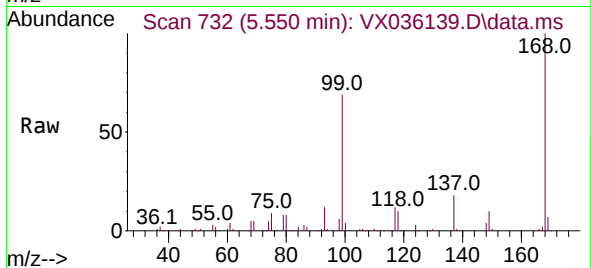
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.001 min
Lab File: VX036139.D
Acq: 13 Jun 2023 13:18

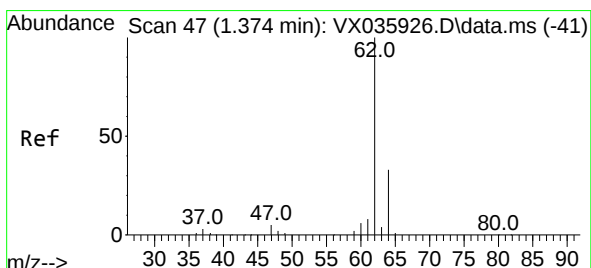
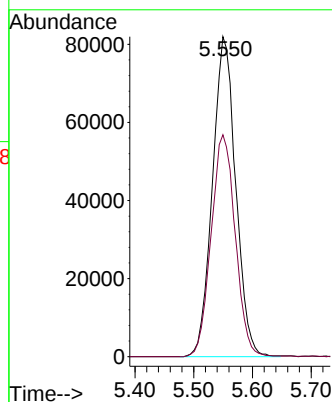
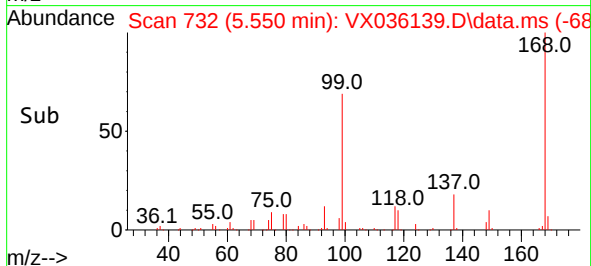
Instrument :
MSVOA_X
ClientSampleId :
OW-07B-62.5-67.5-061223-FD



Tgt Ion:168 Resp: 225189
Ion Ratio Lower Upper
168 100
99 69.3 57.0 85.6

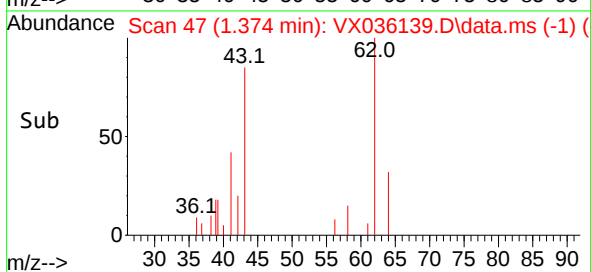
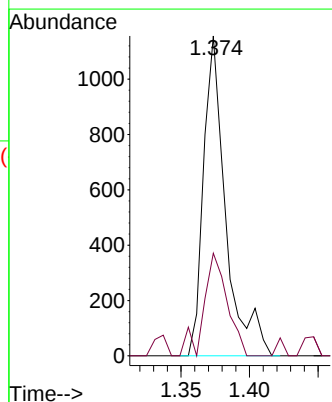
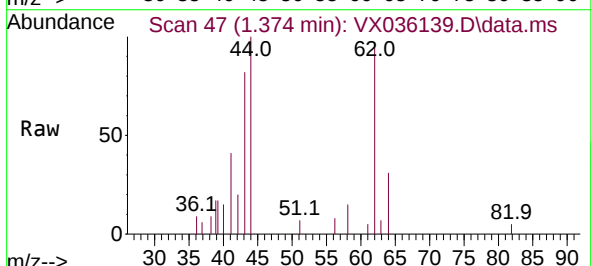
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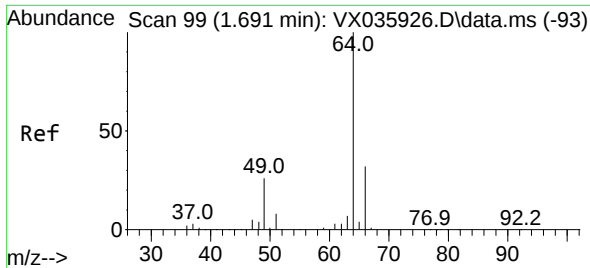
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#4
Vinyl Chloride
Concen: 0.493 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX036139.D
Acq: 13 Jun 2023 13:18

Tgt Ion: 62 Resp: 1303
Ion Ratio Lower Upper
62 100
64 32.1 25.2 37.8





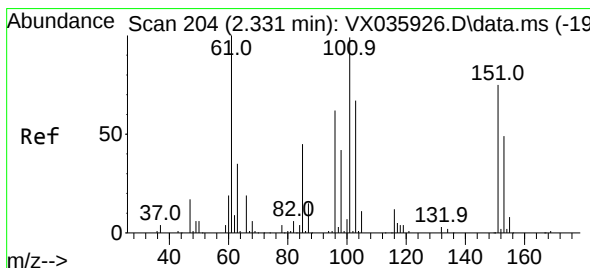
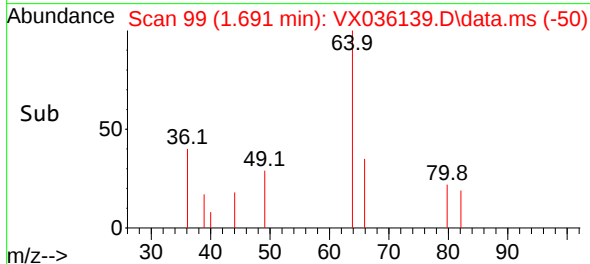
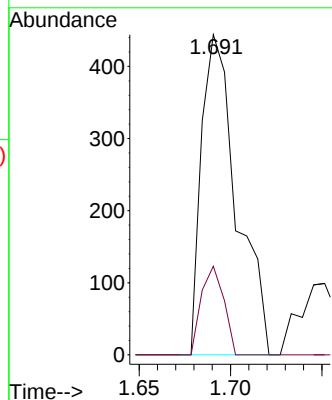
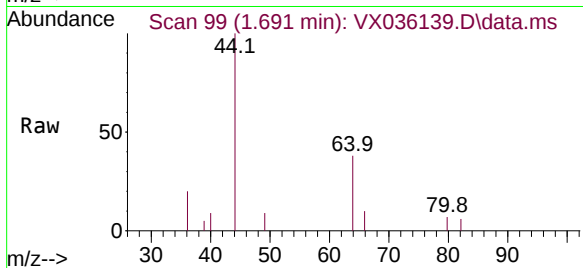
#6
Chloroethane
Concen: 0.384 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX036139.D
Acq: 13 Jun 2023 13:18

Instrument :
MSVOA_X
ClientSampleId :
OW-07B-62.5-67.5-061223-FD

Tgt Ion: 64 Resp: 59
Ion Ratio Lower Upper
64 100
66 27.7 26.0 39.0

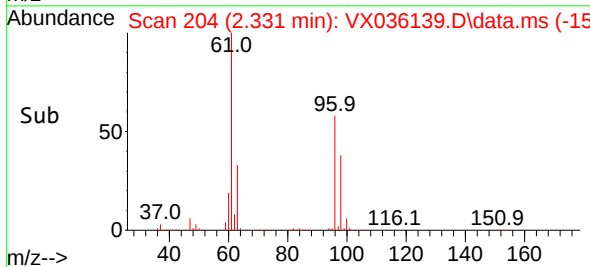
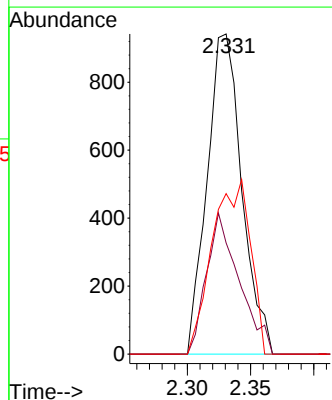
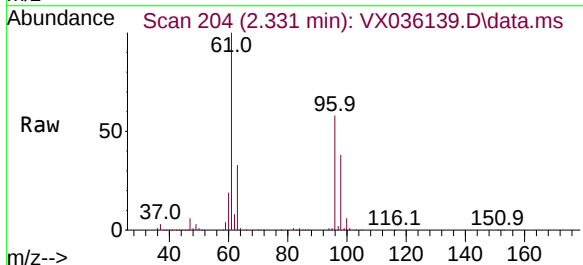
Manual Integrations
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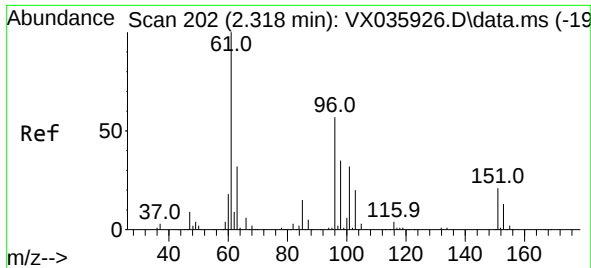
Reviewed By :John Carlone 06/14/2023
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#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.780 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.001 min
Lab File: VX036139.D
Acq: 13 Jun 2023 13:18

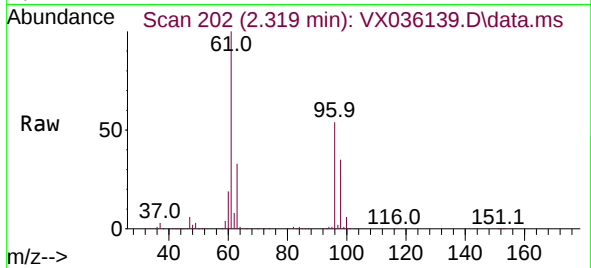
Tgt Ion:101 Resp: 1800
Ion Ratio Lower Upper
101 100
85 41.4 37.3 55.9
151 59.8 57.0 85.6





#12
1,1-Dichloroethene
Concen: 98.488 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.001 min
Lab File: VX036139.D
Acq: 13 Jun 2023 13:18

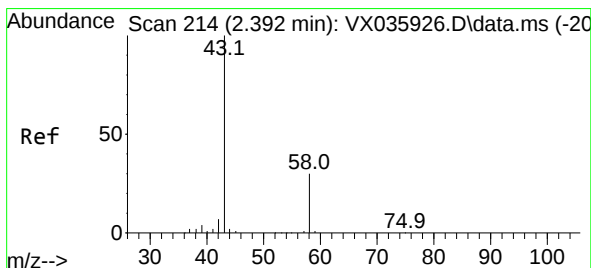
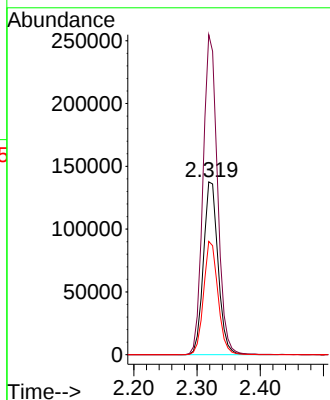
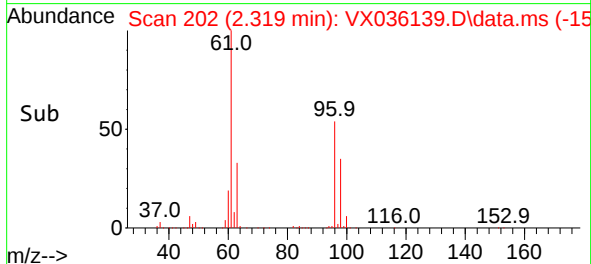
Instrument :
MSVOA_X
ClientSampleId :
OW-07B-62.5-67.5-061223-FD



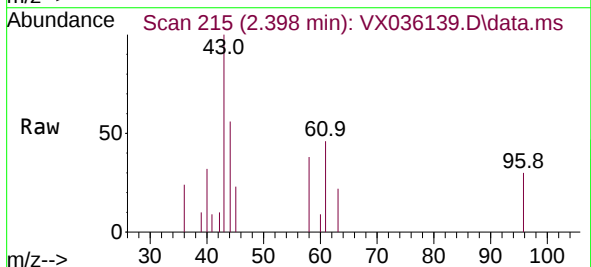
Tgt Ion: 96 Resp: 222500
Ion Ratio Lower Upper
96 100
61 185.2 145.2 217.8
98 65.5 49.3 73.9

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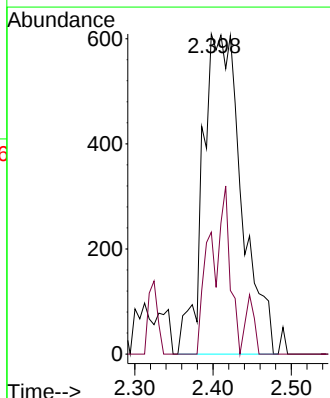
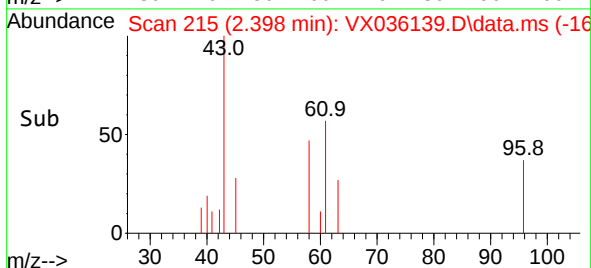
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

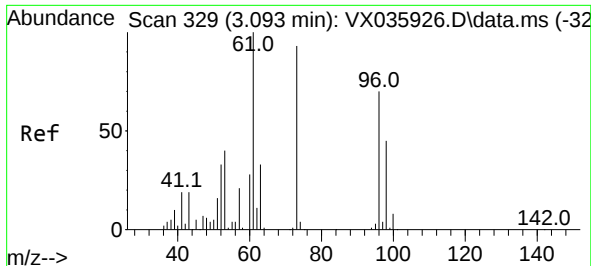


#16
Acetone
Concen: 1.393 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.007 min
Lab File: VX036139.D
Acq: 13 Jun 2023 13:18



Tgt Ion: 43 Resp: 2102
Ion Ratio Lower Upper
43 100
58 38.1 22.2 33.2#





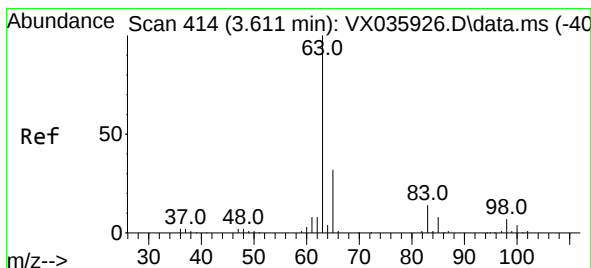
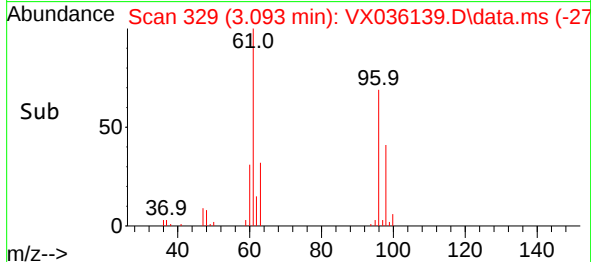
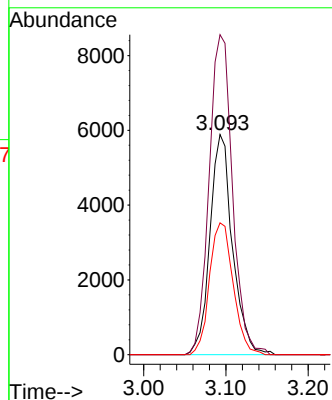
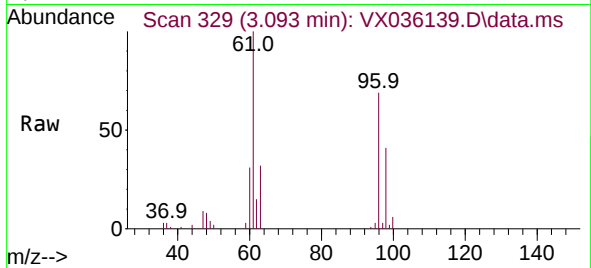
#21
trans-1,2-Dichloroethene
Concen: 4.352 ug/l
RT: 3.093 min Scan# 312
Delta R.T. 0.007 min
Lab File: VX036139.D
Acq: 13 Jun 2023 13:18

Instrument :
MSVOA_X
ClientSampleId :
OW-07B-62.5-67.5-061223-FD

Tgt Ion: 96 Resp: 11238
Ion Ratio Lower Upper
96 100
61 145.3 118.2 177.4
98 59.9 50.6 75.8

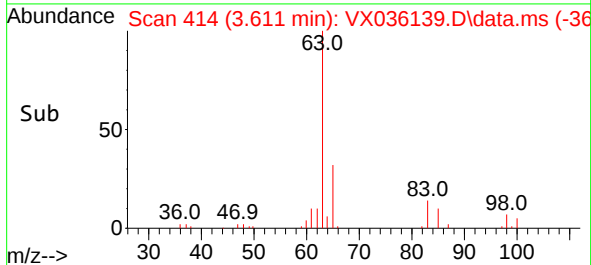
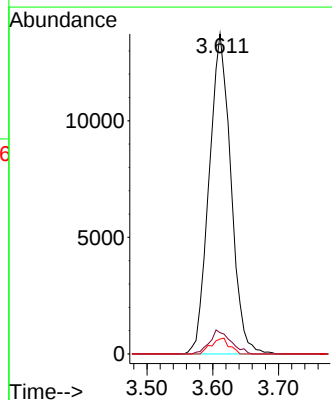
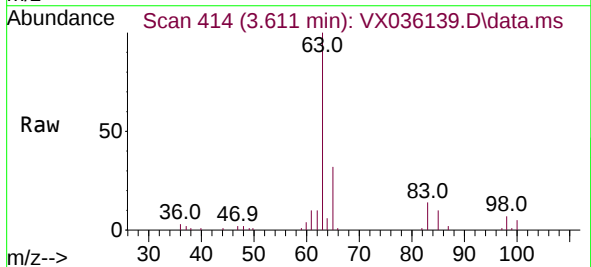
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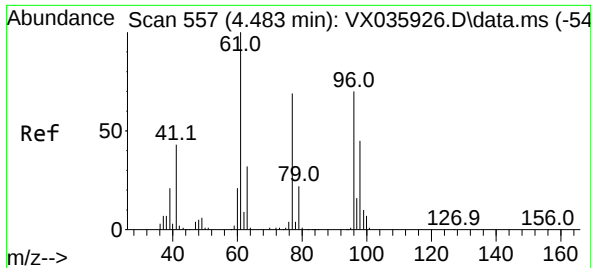
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#24
1,1-Dichloroethane
Concen: 6.311 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX036139.D
Acq: 13 Jun 2023 13:18

Tgt Ion: 63 Resp: 31620
Ion Ratio Lower Upper
63 100
98 6.7 3.5 10.5
100 4.6 2.3 6.9





#27

cis-1,2-Dichloroethene

Concen: 42.607 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX036139.D

Acq: 13 Jun 2023 13:18

Instrument :

MSVOA_X

ClientSampleId :

OW-07B-62.5-67.5-061223-FD

Tgt Ion: 96 Resp: 132060

Ion Ratio Lower Upper

96 100

61 141.1 0.0 312.6

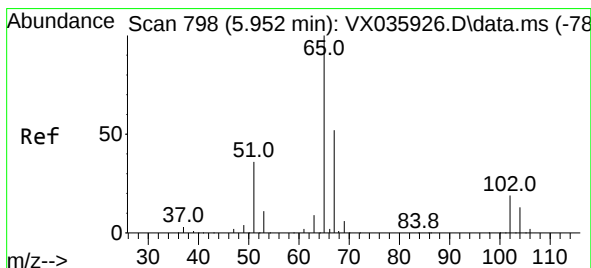
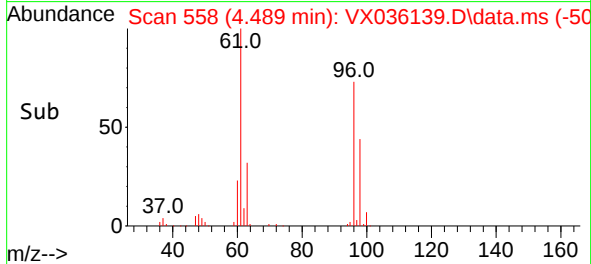
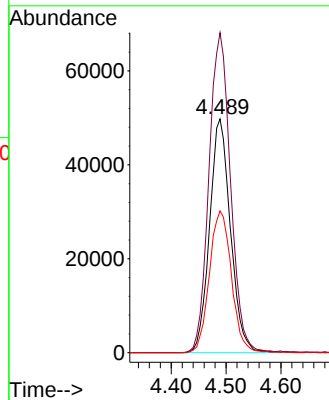
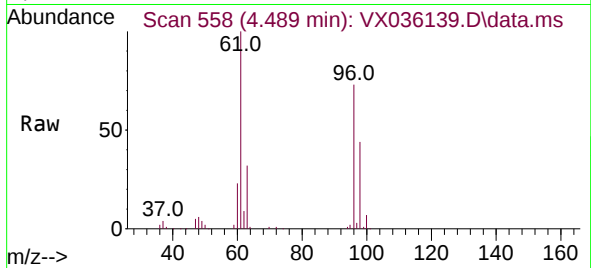
98 63.8 0.0 130.0

Manual Integrations

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Supervised By :Mahesh Dadoda 06/14/2023



#33

1,2-Dichloroethane-d4

Concen: 46.943 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX036139.D

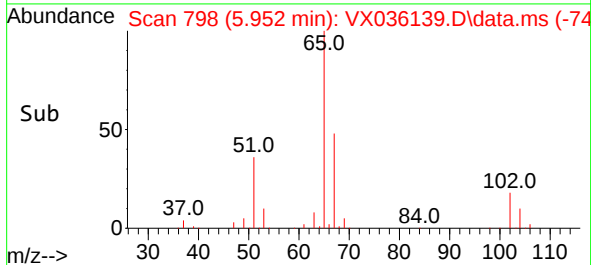
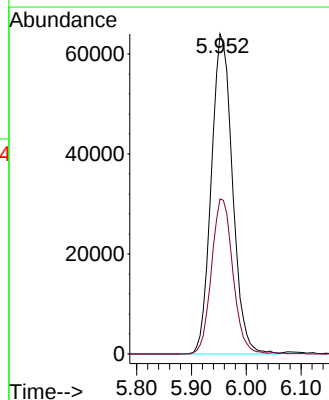
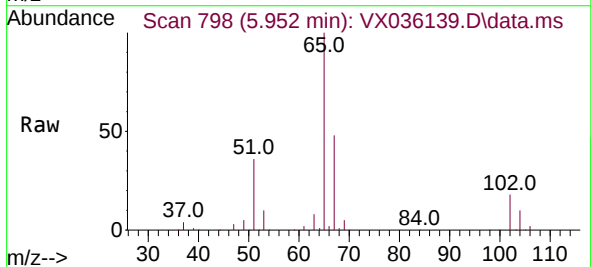
Acq: 13 Jun 2023 13:18

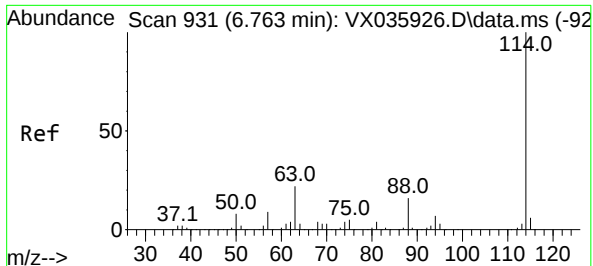
Tgt Ion: 65 Resp: 171657

Ion Ratio Lower Upper

65 100

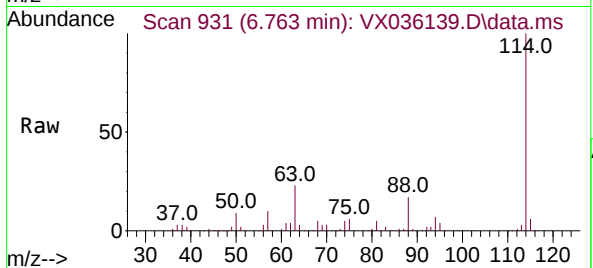
67 49.0 0.0 99.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX036139.D
Acq: 13 Jun 2023 13:18

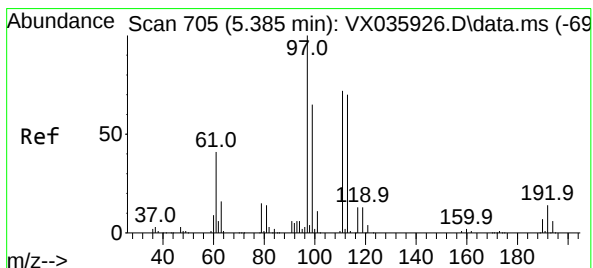
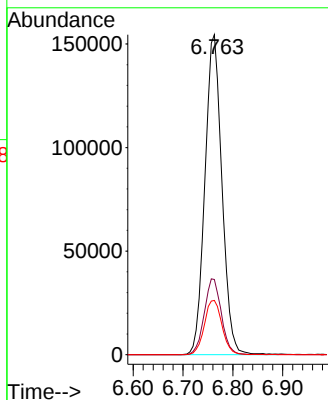
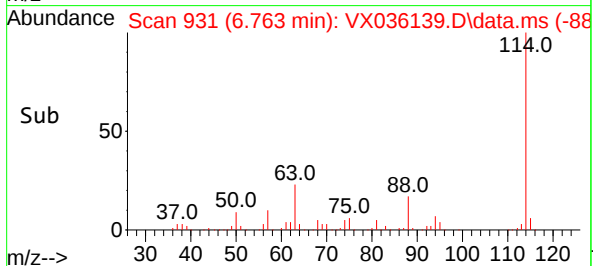
Instrument :
MSVOA_X
ClientSampleId :
OW-07B-62.5-67.5-061223-FD



Tgt Ion:114 Resp: 36622
Ion Ratio Lower Upper
114 100
63 23.5 0.0 46.0
88 17.0 0.0 35.2

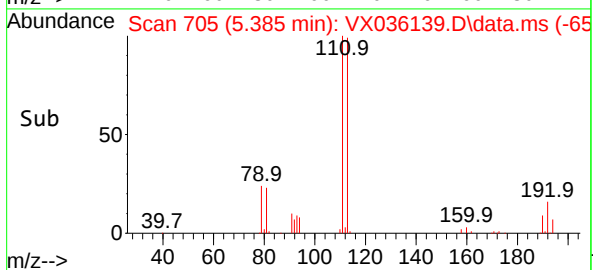
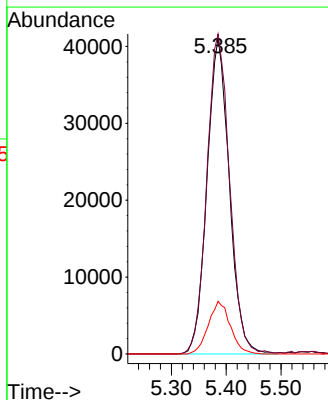
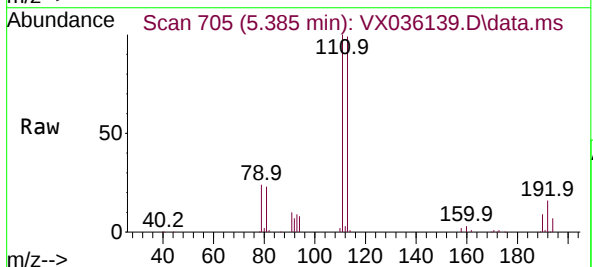
Manual Integrations
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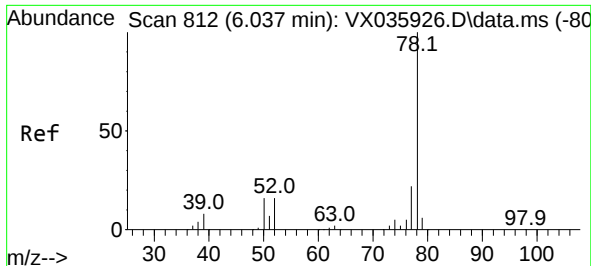
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#35
Dibromofluoromethane
Concen: 47.106 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036139.D
Acq: 13 Jun 2023 13:18

Tgt Ion:113 Resp: 116030
Ion Ratio Lower Upper
113 100
111 103.4 81.7 122.5
192 16.4 13.5 20.3





#40

Benzene

Concen: 0.236 ug/l

RT: 6.043 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX036139.D

Acq: 13 Jun 2023 13:18

Instrument :

MSVOA_X

ClientSampleId :

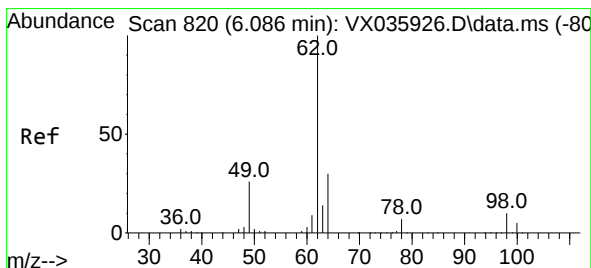
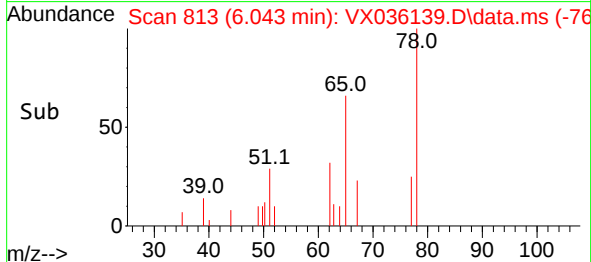
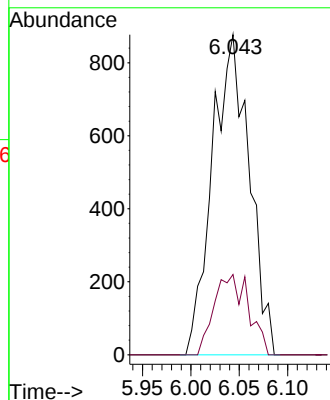
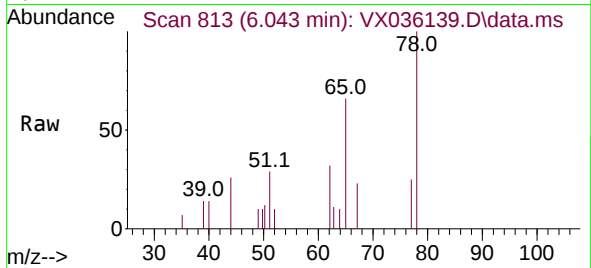
OW-07B-62.5-67.5-061223-FD

Tgt Ion: 78 Resp: 2328
 Ion Ratio Lower Upper
 78 100
 77 25.1 19.0 28.6

Manual Integrations

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 Supervised By :Mahesh Dadoda 06/14/2023



#42

1,2-Dichloroethane

Concen: 4.638 ug/l

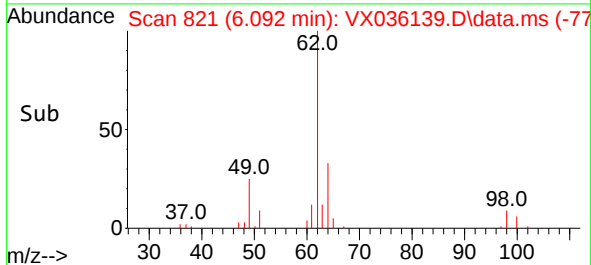
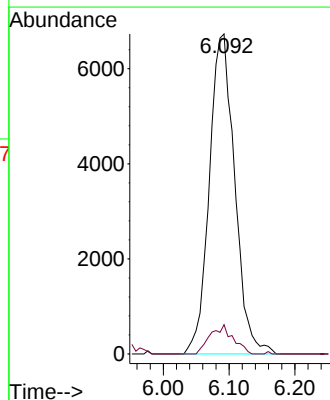
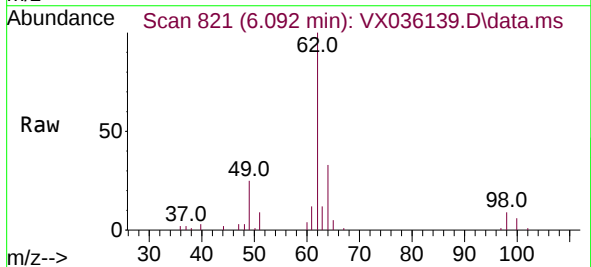
RT: 6.092 min Scan# 821

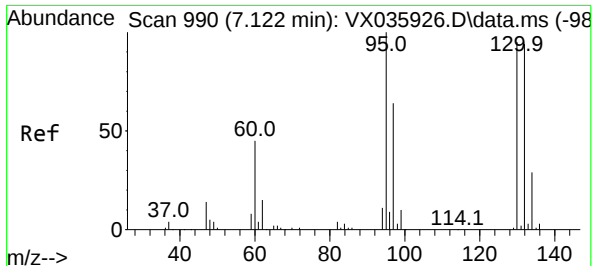
Delta R.T. 0.006 min

Lab File: VX036139.D

Acq: 13 Jun 2023 13:18

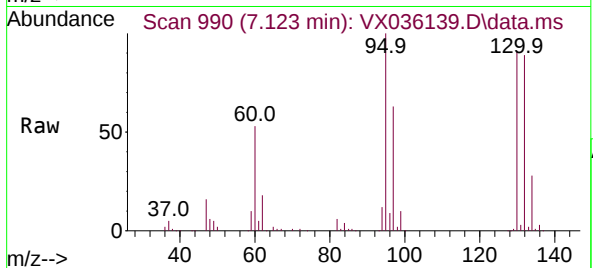
Tgt Ion: 62 Resp: 18103
 Ion Ratio Lower Upper
 62 100
 98 8.2 0.0 16.0





#44
Trichloroethene
Concen: 88.585 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.001 min
Lab File: VX036139.D
Acq: 13 Jun 2023 13:18

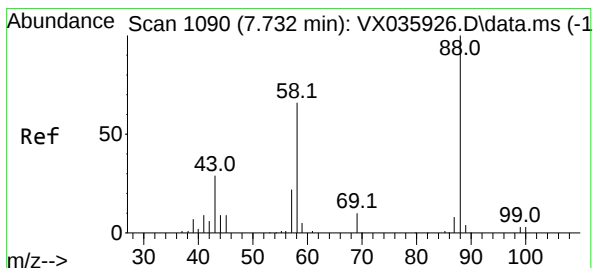
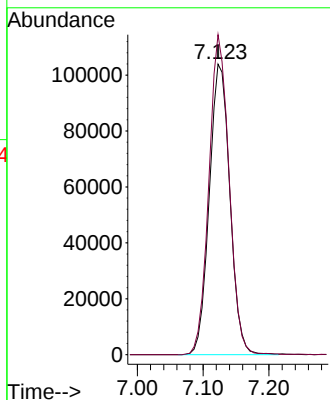
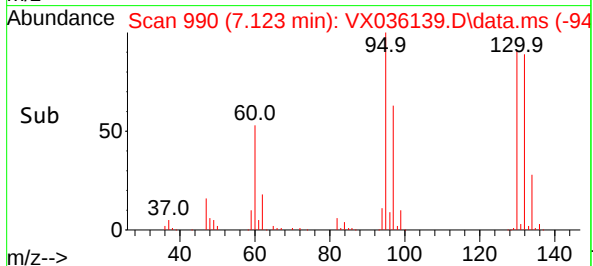
Instrument :
MSVOA_X
ClientSampleId :
OW-07B-62.5-67.5-061223-FD



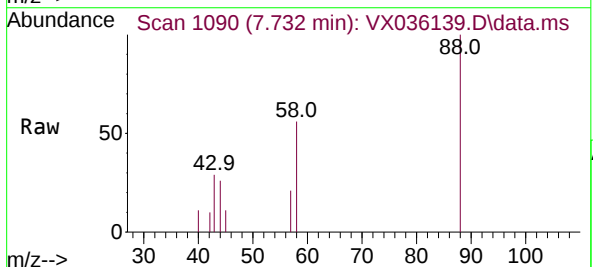
Tgt Ion:130 Resp: 226514
Ion Ratio Lower Upper
130 100
95 110.1 0.0 207.6

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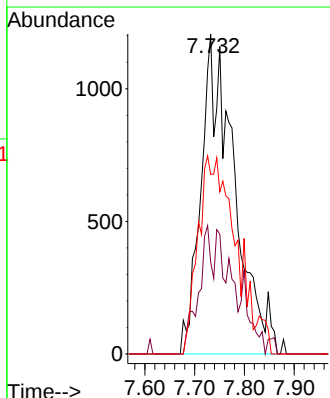
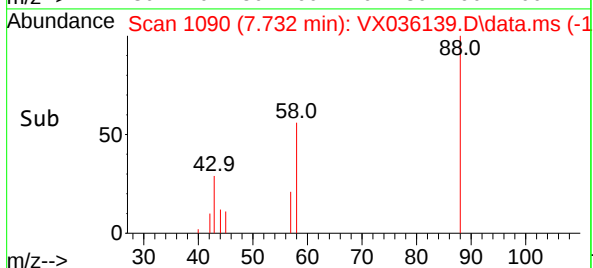
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

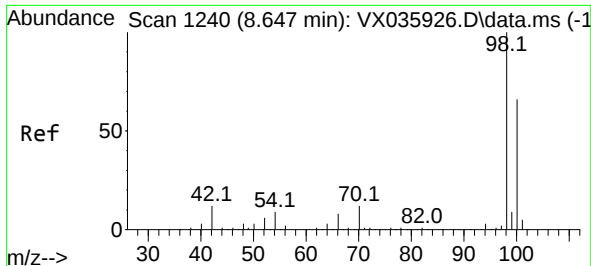


#49
1,4-Dioxane
Concen: 83.097 ug/l m
RT: 7.732 min Scan# 1090
Delta R.T. 0.018 min
Lab File: VX036139.D
Acq: 13 Jun 2023 13:18



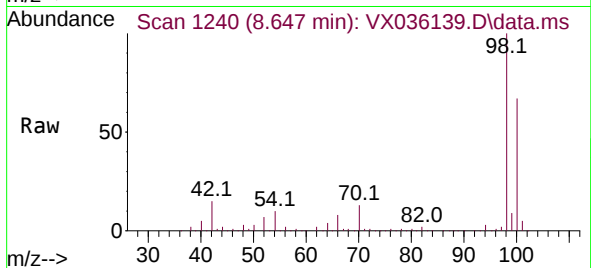
Tgt Ion: 88 Resp: 5613
Ion Ratio Lower Upper
88 100
43 16.8 27.4 41.0#
58 67.8 58.9 88.3





#50
Toluene-d8
Concen: 49.245 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036139.D
Acq: 13 Jun 2023 13:18

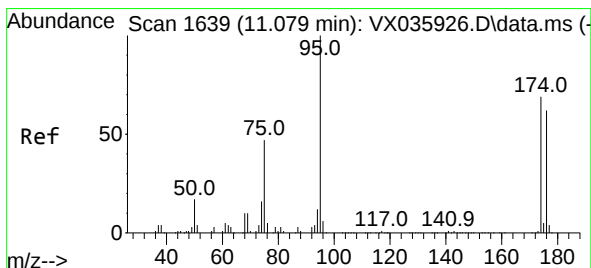
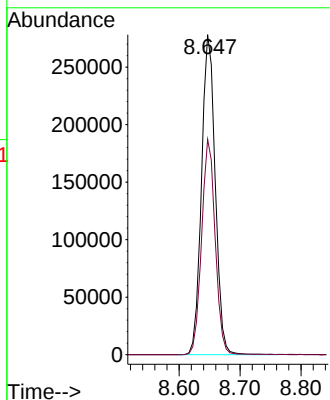
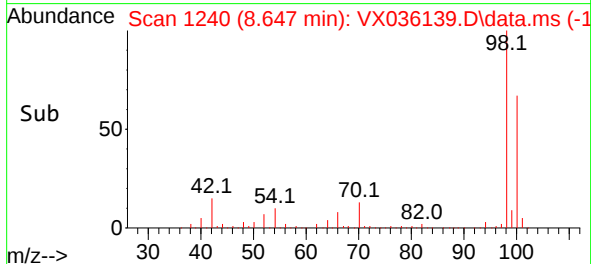
Instrument : MSVOA_X
ClientSampleId :
OW-07B-62.5-67.5-061223-FD



Tgt Ion: 98 Resp: 435336
Ion Ratio Lower Upper
98 100
100 66.7 53.4 80.0

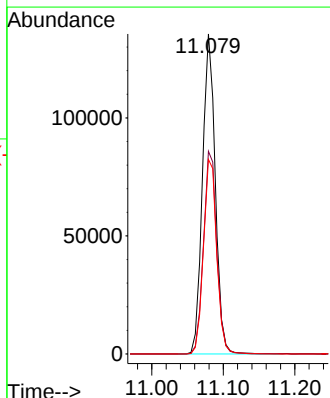
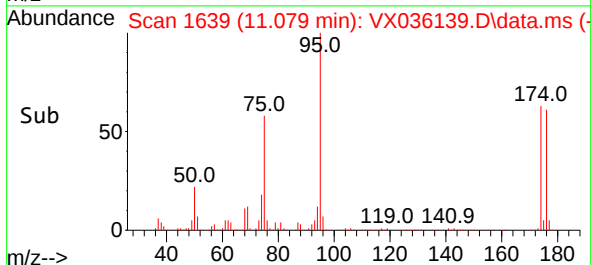
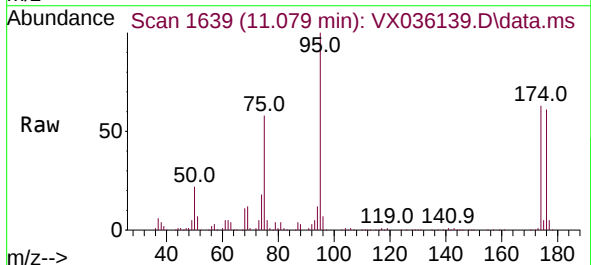
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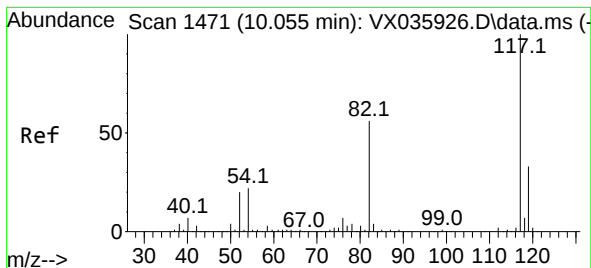
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#62
4-Bromofluorobenzene
Concen: 48.361 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036139.D
Acq: 13 Jun 2023 13:18

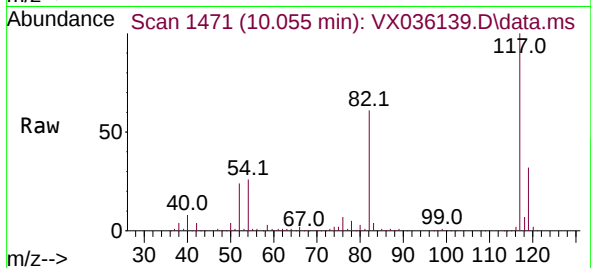
Tgt Ion: 95 Resp: 168768
Ion Ratio Lower Upper
95 100
174 65.6 0.0 132.6
176 62.9 0.0 128.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036139.D
Acq: 13 Jun 2023 13:18

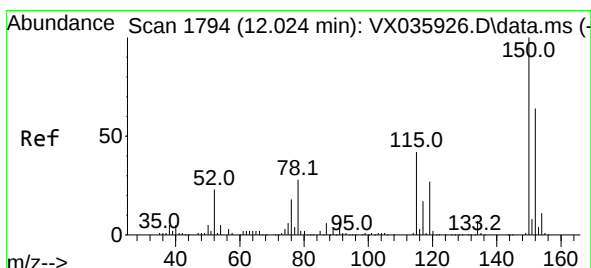
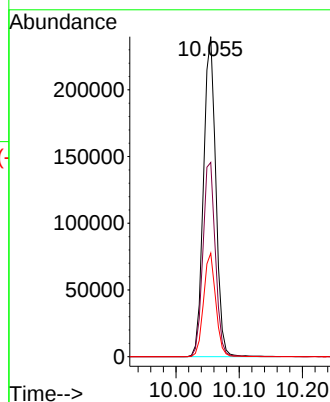
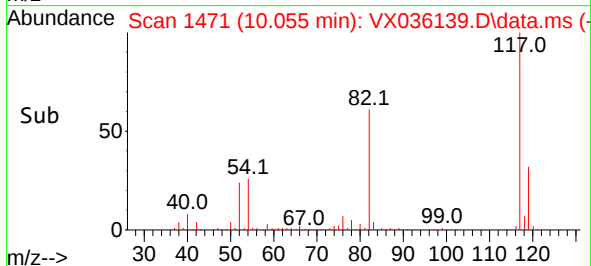
Instrument :
MSVOA_X
ClientSampleId :
OW-07B-62.5-67.5-061223-FD



Tgt Ion:117 Resp: 325092
Ion Ratio Lower Upper
117 100
82 60.7 46.6 69.8
119 32.4 25.4 38.2

Manual Integrations
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Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036139.D
Acq: 13 Jun 2023 13:18

Tgt Ion:152 Resp: 147241
Ion Ratio Lower Upper
152 100
115 67.0 45.5 136.5
150 158.8 0.0 345.2

