

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090322\
 Data File : VX031091.D
 Acq On : 03 Sep 2022 18:37
 Operator : JC/MD
 Sample : N4357-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW4-20220823

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/06/2022
 Supervised By : Mahesh Dadoda 09/06/2022

Quant Time: Sep 06 00:15:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	217135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	340472	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	305265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	135871	48.632	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.260%		
35) Dibromofluoromethane	5.391	113	130227	52.413	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.820%		
50) Toluene-d8	8.653	98	465304	50.884	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.760%		
62) 4-Bromofluorobenzene	11.085	95	153830	47.629	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.260%		
Target Compounds					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	11743	4.496	ug/l	91
12) 1,1-Dichloroethene	2.319	96	2905	1.152	ug/l	92
24) 1,1-Dichloroethane	3.617	63	1519	0.334	ug/l #	82
27) cis-1,2-Dichloroethene	4.489	96	3906	1.242	ug/l	81
30) Chloroform	5.111	83	1825	0.366	ug/l #	80
38) Carbon Tetrachloride	5.684	117	1624	0.450	ug/l #	67
44) Trichloroethene	7.129	130	1906623	602.859	ug/l	99
49) 1,4-Dioxane	7.696	88	836m	11.520	ug/l	
55) 1,1,2-Trichloroethane	9.159	97	919	0.334	ug/l #	62
64) Tetrachloroethene	9.275	164	11661	3.826	ug/l	96

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

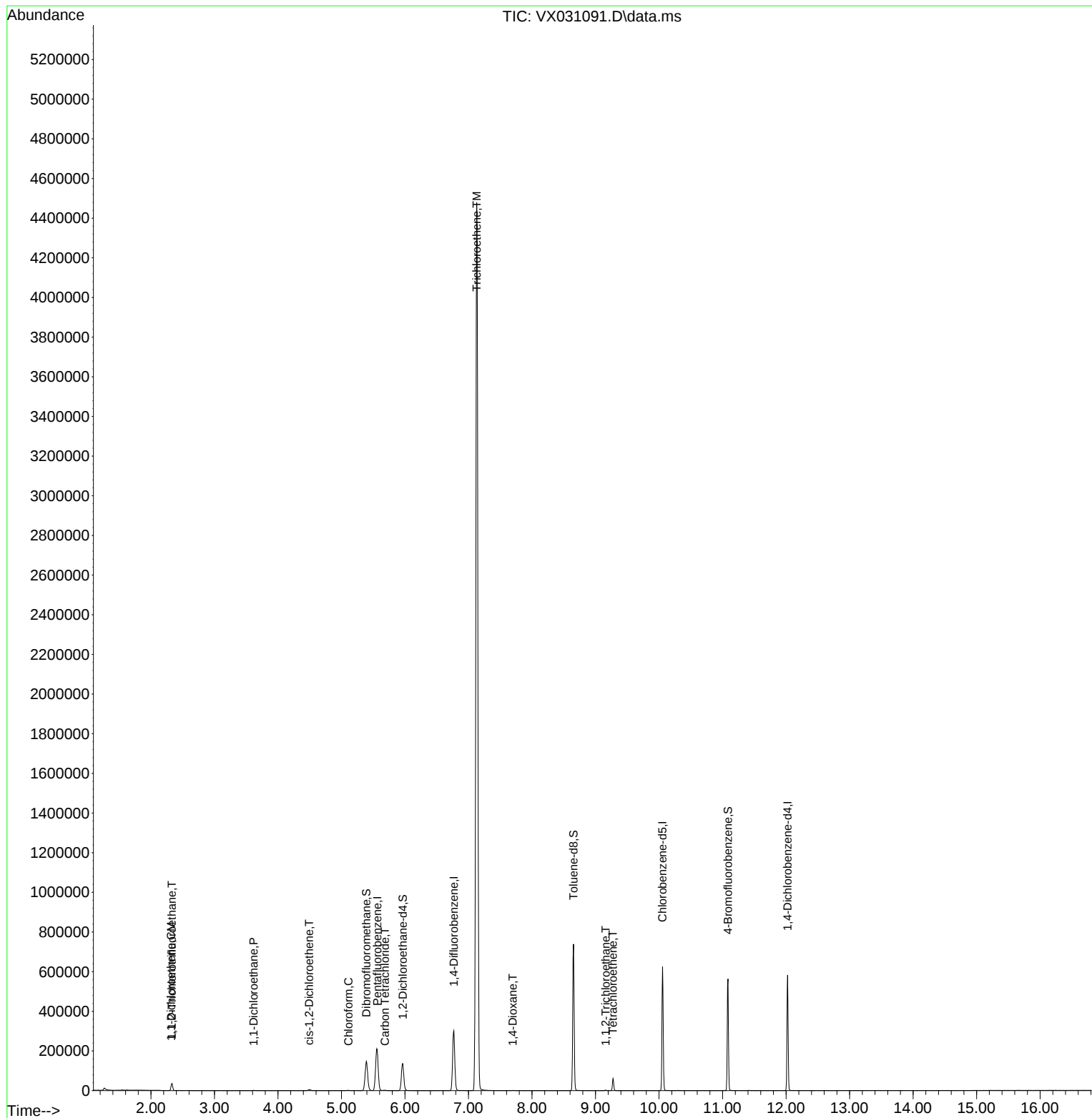
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090322\
Data File : VX031091.D
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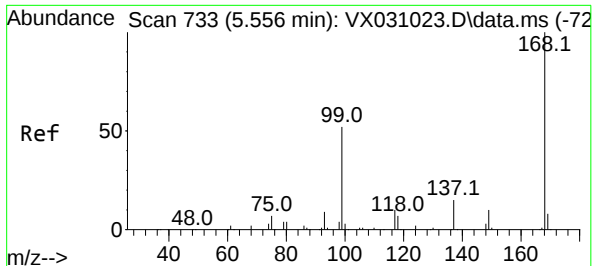
Instrument :
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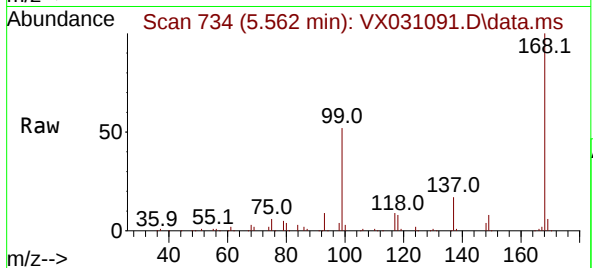
Quant Time: Sep 06 00:15:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 02 02:49:21 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX031091.D
Acq: 03 Sep 2022 18:37

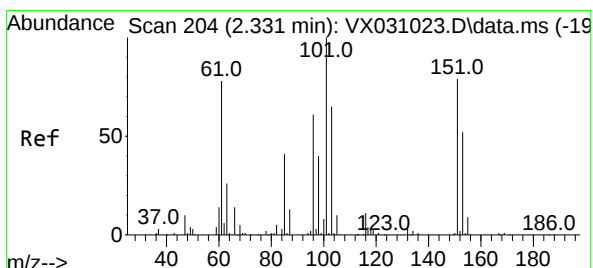
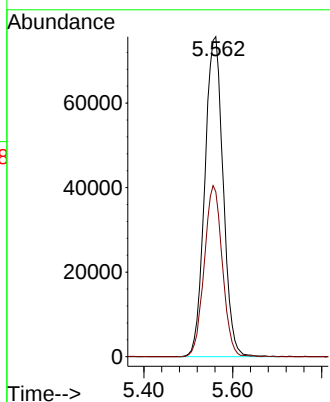
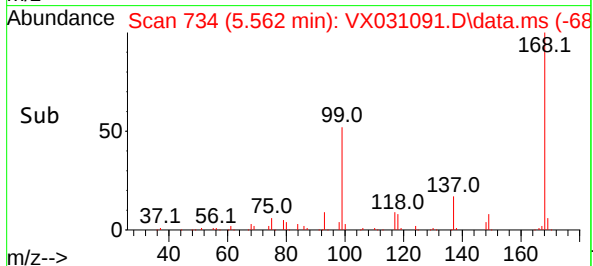
Instrument :
MSVOA_X
ClientSampleId :
RW4-20220823



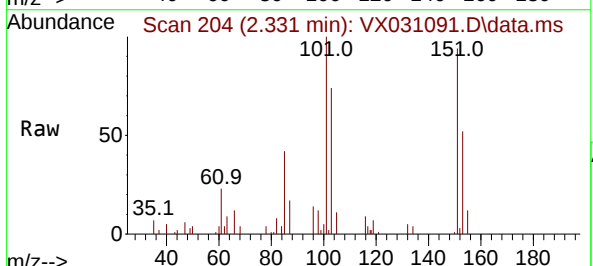
Tgt Ion:168 Resp: 21713
Ion Ratio Lower Upper
168 100
99 51.6 44.0 66.0

Manual Integrations
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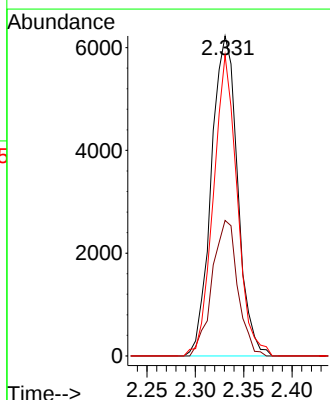
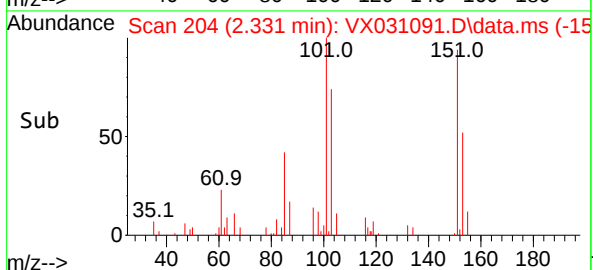
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/06/2022

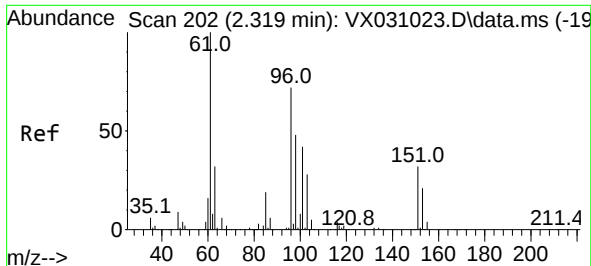


#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.496 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX031091.D
Acq: 03 Sep 2022 18:37



Tgt Ion:101 Resp: 11743
Ion Ratio Lower Upper
101 100
85 41.3 34.0 51.0
151 85.0 59.4 89.0





#12

1,1-Dichloroethene

Concen: 1.152 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX031091.D

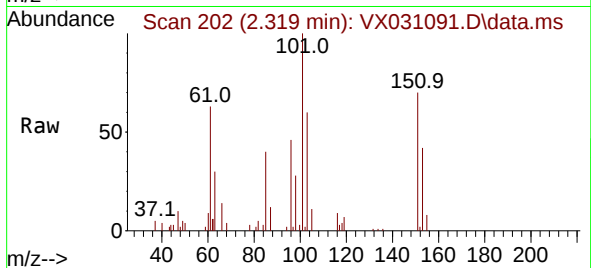
Acq: 03 Sep 2022 18:37

Instrument :

MSVOA_X

ClientSampleId :

RW4-20220823



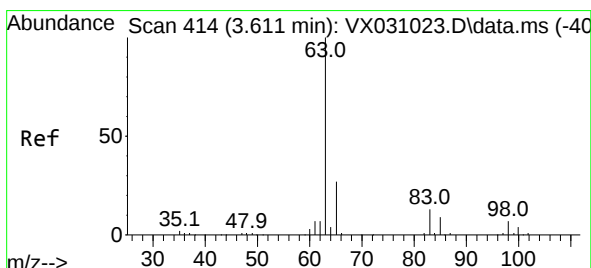
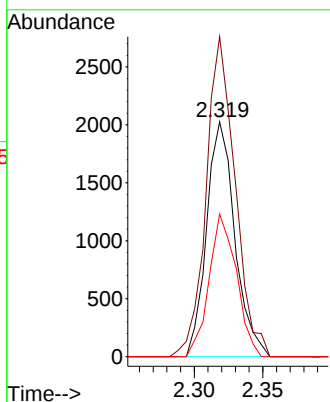
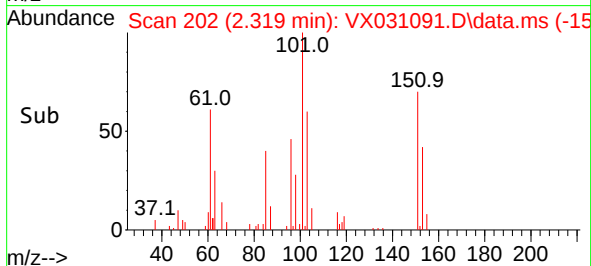
Tgt Ion:	96	Resp:	290
Ion	Ratio	Lower	Upper
96	100		
61	136.3	117.4	176.0
98	60.7	52.2	78.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 0.334 ug/l

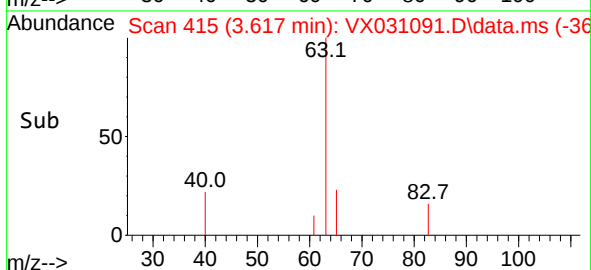
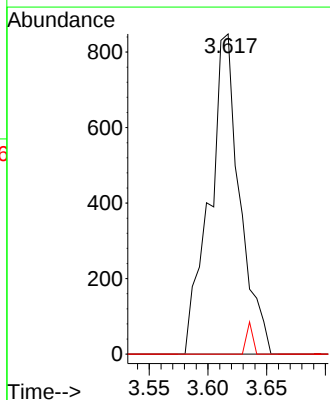
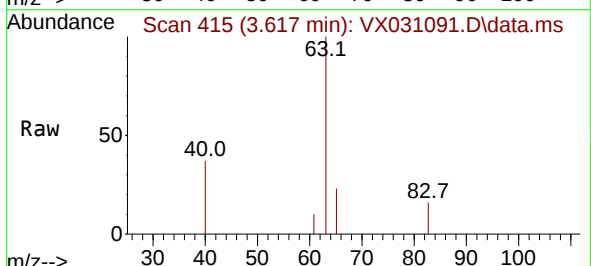
RT: 3.617 min Scan# 415

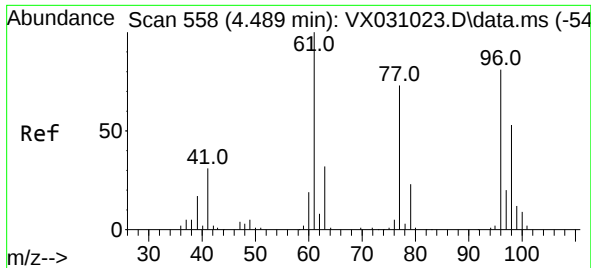
Delta R.T. 0.006 min

Lab File: VX031091.D

Acq: 03 Sep 2022 18:37

Tgt Ion:	63	Resp:	1519
Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.5	10.5#
100	0.0	2.3	6.9#





#27

cis-1,2-Dichloroethene

Concen: 1.242 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX031091.D

Acq: 03 Sep 2022 18:37

Instrument :

MSVOA_X

ClientSampleId :

RW4-20220823

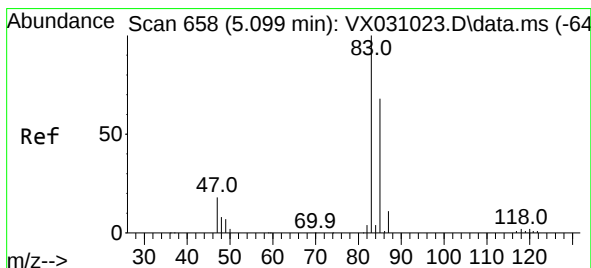
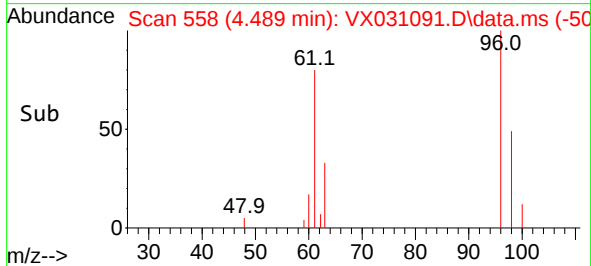
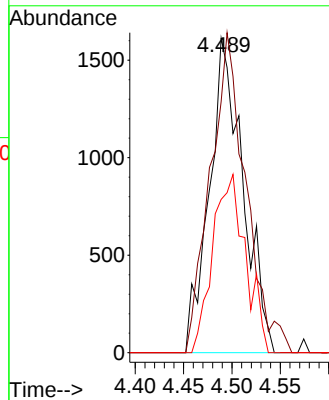
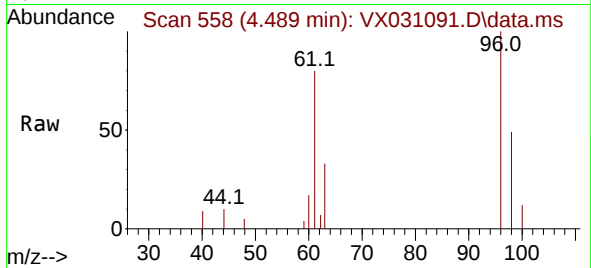
Tgt Ion: 96	Resp: 390
Ion Ratio	Lower Upper
96 100	
61 107.2	0.0 270.0
98 55.2	0.0 127.8

Manual Integrations

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#30

Chloroform

Concen: 0.366 ug/l

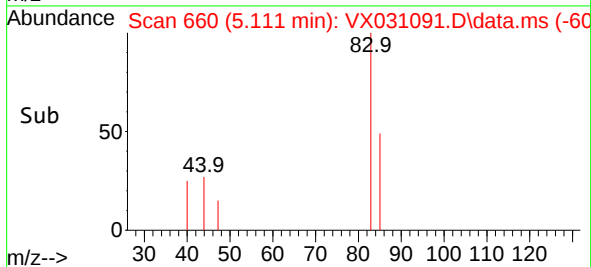
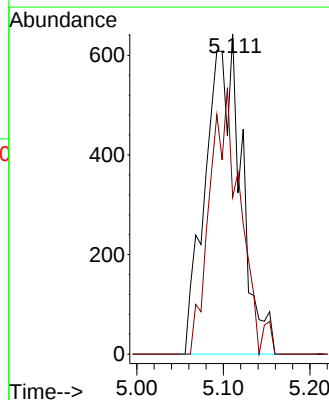
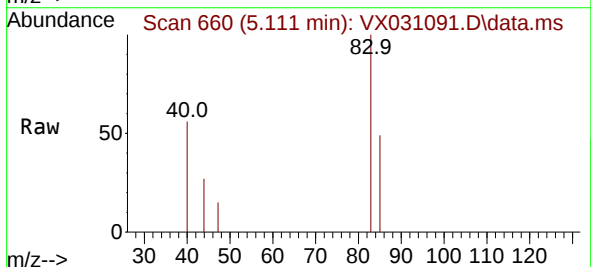
RT: 5.111 min Scan# 660

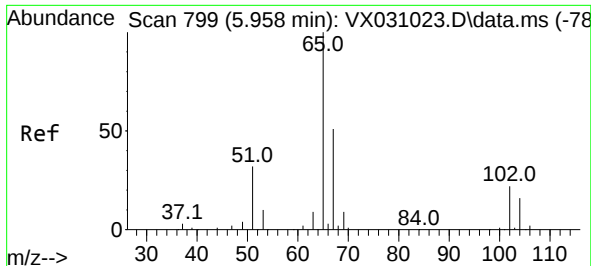
Delta R.T. 0.012 min

Lab File: VX031091.D

Acq: 03 Sep 2022 18:37

Tgt Ion: 83	Resp: 1825
Ion Ratio	Lower Upper
83 100	
85 49.0	51.5 77.3#





#33

1,2-Dichloroethane-d4

Concen: 48.632 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX031091.D

Acq: 03 Sep 2022 18:37

Instrument :

MSVOA_X

ClientSampleId :

RW4-20220823

Tgt Ion: 65 Resp: 13587

Ion Ratio Lower Upper

65 100

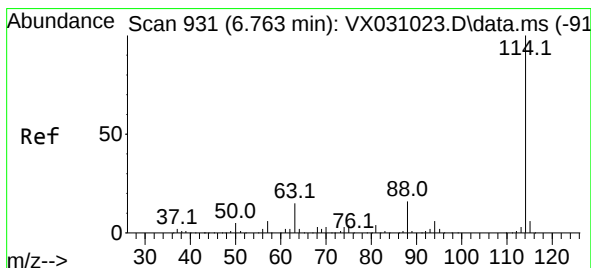
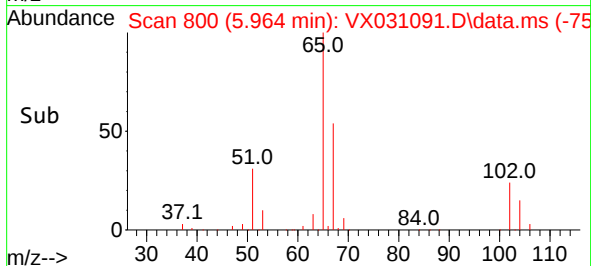
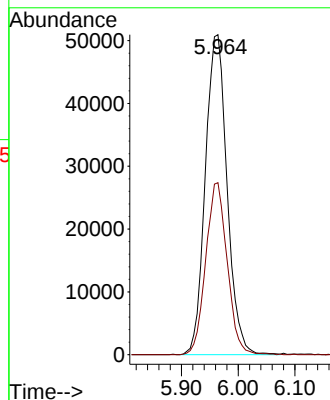
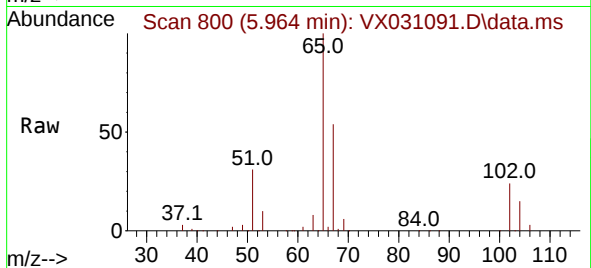
67 52.9 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/06/2022

Supervised By :Mahesh Dadoda 09/06/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX031091.D

Acq: 03 Sep 2022 18:37

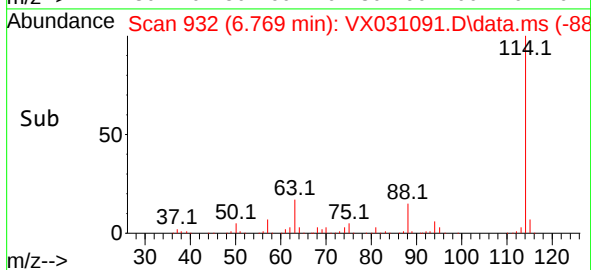
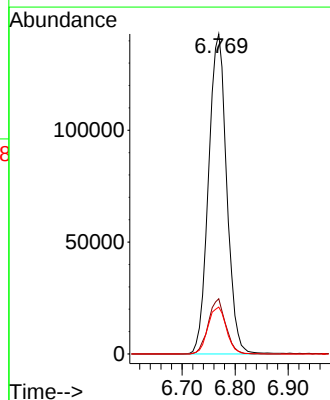
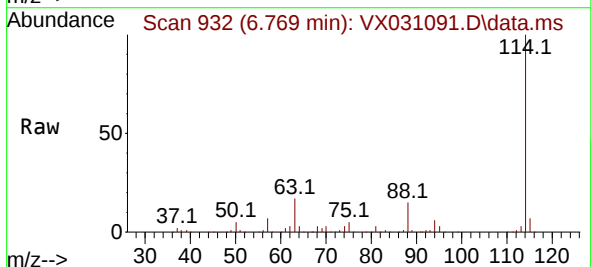
Tgt Ion:114 Resp: 340472

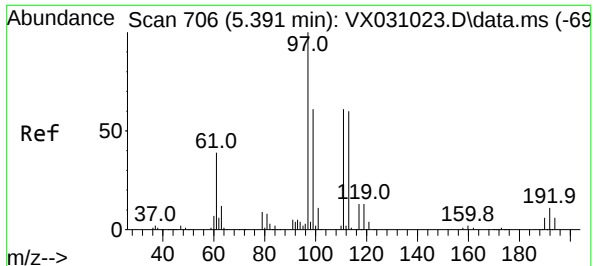
Ion Ratio Lower Upper

114 100

63 17.3 0.0 38.4

88 14.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.413 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031091.D

Acq: 03 Sep 2022 18:37

Instrument :

MSVOA_X

ClientSampleId :

RW4-20220823

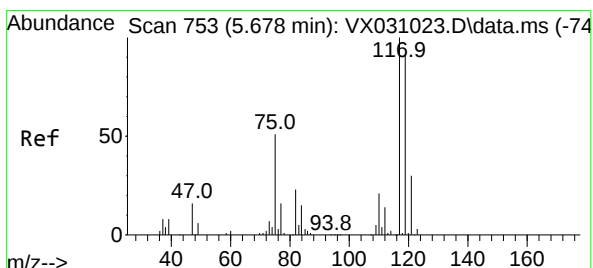
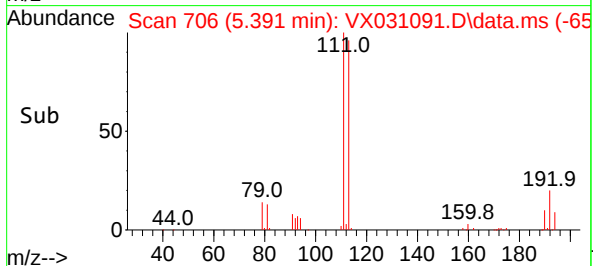
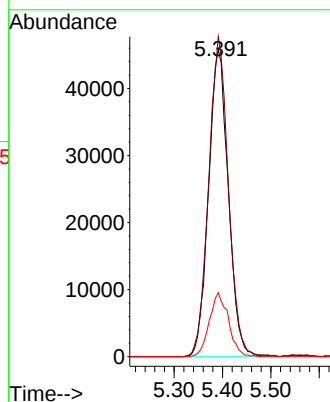
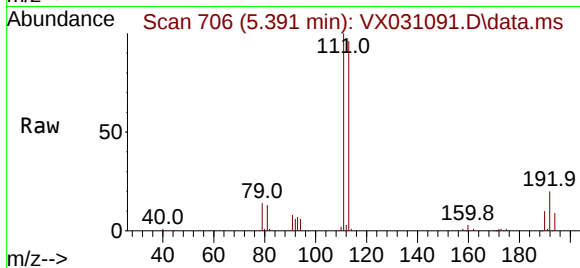
Tgt Ion:	113	Resp:	13022
Ion Ratio	Lower	Upper	
113	100		
111	103.6	83.2	124.8
192	20.2	14.8	22.2

Manual Integrations

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Supervised By :Mahesh Dadoda 09/06/2022



#38

Carbon Tetrachloride

Concen: 0.450 ug/l

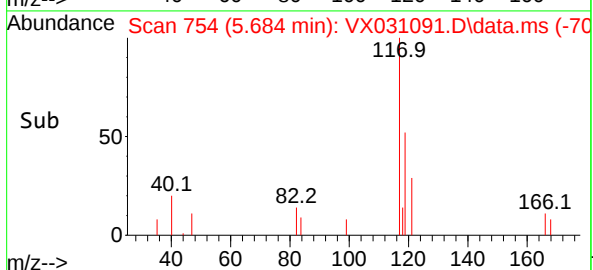
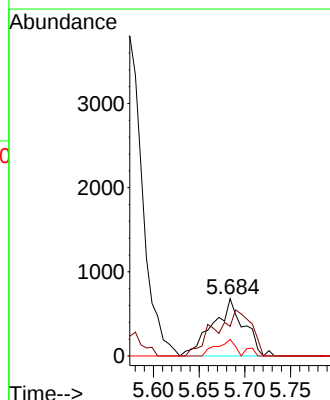
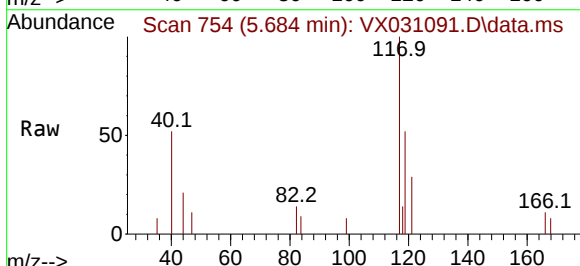
RT: 5.684 min Scan# 754

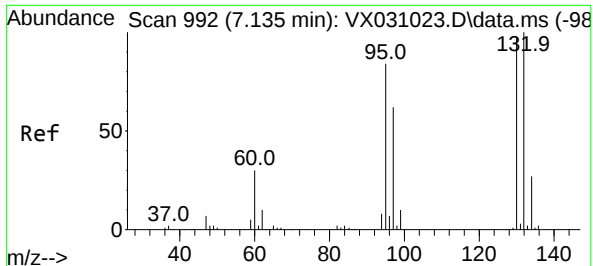
Delta R.T. -0.000 min

Lab File: VX031091.D

Acq: 03 Sep 2022 18:37

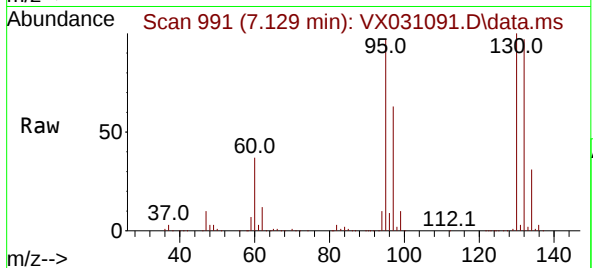
Tgt Ion:	117	Resp:	1624
Ion Ratio	Lower	Upper	
117	100		
119	51.6	74.1	111.1#
121	28.8	25.8	38.8





#44
Trichloroethene
Concen: 602.859 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031091.D
Acq: 03 Sep 2022 18:37

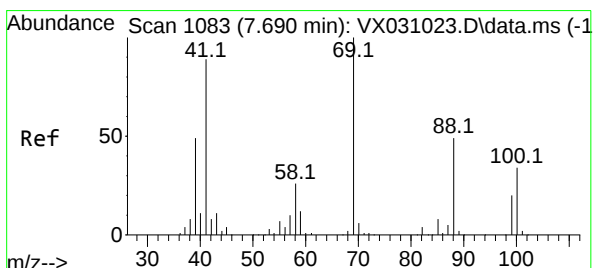
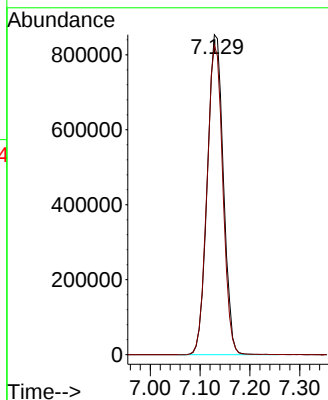
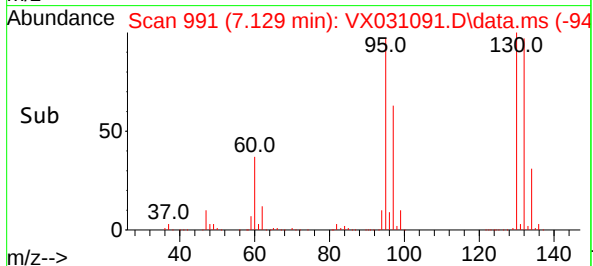
Instrument :
MSVOA_X
ClientSampleId :
RW4-20220823



Tgt Ion:130 Resp: 190662
Ion Ratio Lower Upper
130 100
95 96.7 0.0 194.8

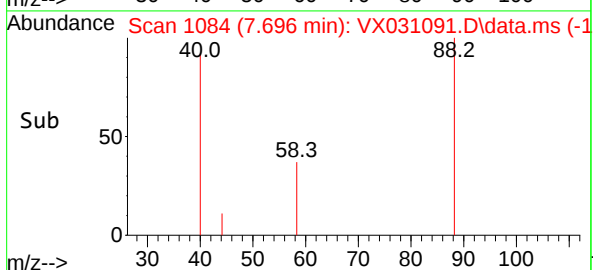
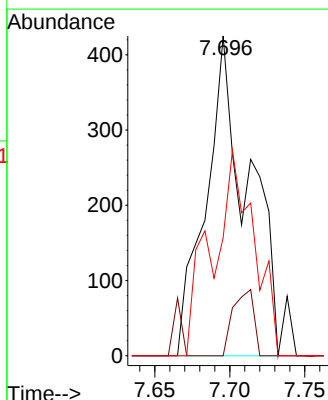
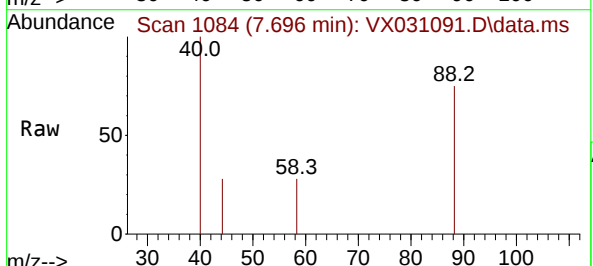
Manual Integrations
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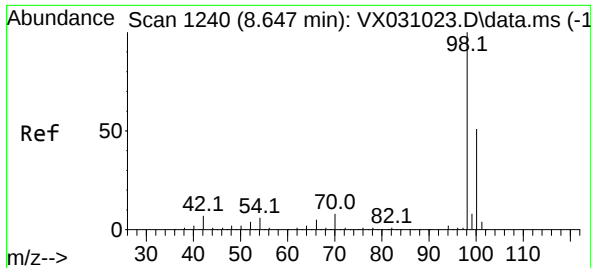
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/06/2022



#49
1,4-Dioxane
Concen: 11.520 ug/l m
RT: 7.696 min Scan# 1084
Delta R.T. 0.019 min
Lab File: VX031091.D
Acq: 03 Sep 2022 18:37

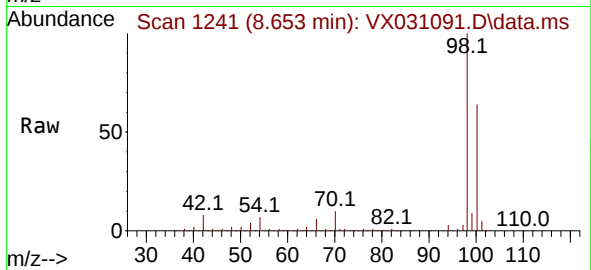
Tgt Ion: 88 Resp: 836
Ion Ratio Lower Upper
88 100
43 10.0 23.8 35.8#
58 63.3 53.8 80.6





#50
Toluene-d8
Concen: 50.884 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031091.D
Acq: 03 Sep 2022 18:37

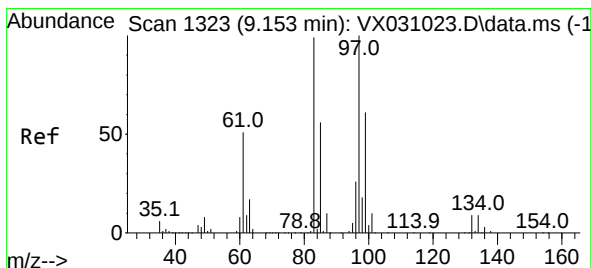
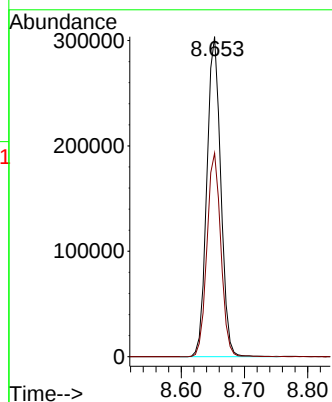
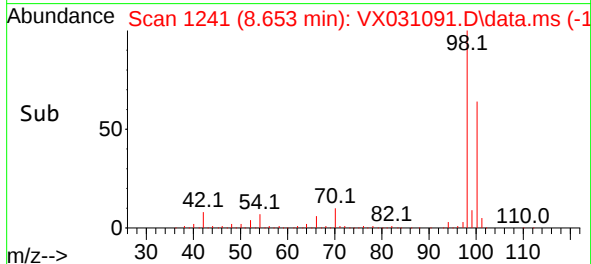
Instrument :
MSVOA_X
ClientSampleId :
RW4-20220823



Tgt Ion: 98 Resp: 465304
Ion Ratio Lower Upper
98 100
100 63.4 52.3 78.5

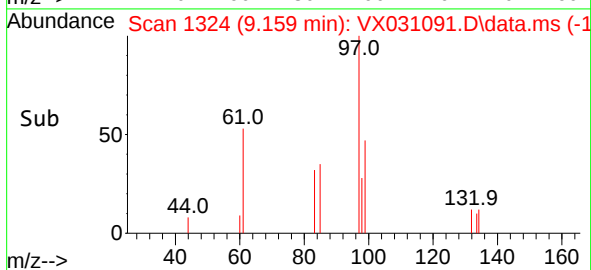
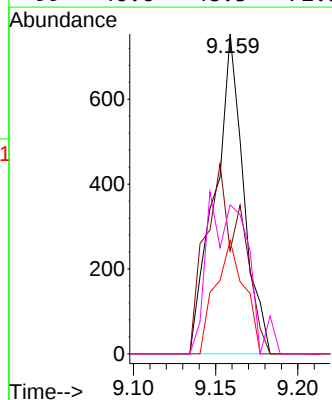
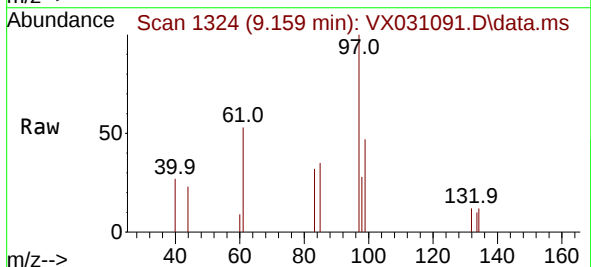
Manual Integrations
APPROVED

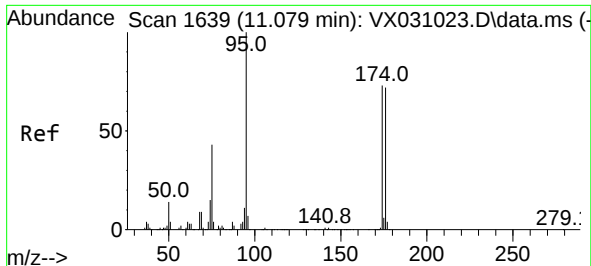
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/06/2022



#55
1,1,2-Trichloroethane
Concen: 0.334 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX031091.D
Acq: 03 Sep 2022 18:37

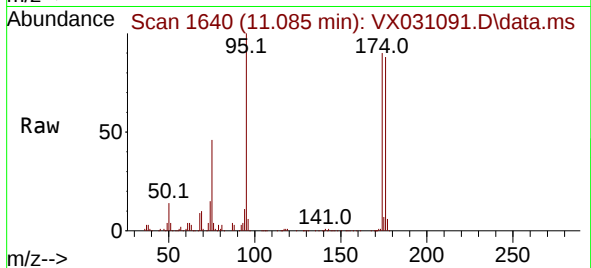
Tgt Ion: 97 Resp: 919
Ion Ratio Lower Upper
97 100
83 32.2 68.9 103.3#
85 35.4 44.0 66.0#
99 46.6 48.3 72.5#





#62
4-Bromofluorobenzene
Concen: 47.629 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX031091.D
Acq: 03 Sep 2022 18:37

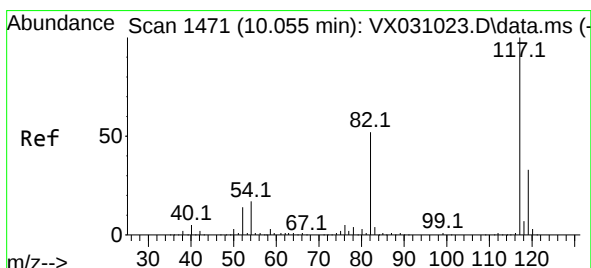
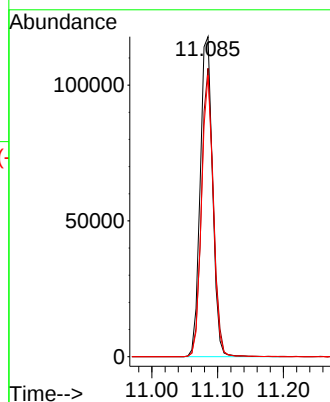
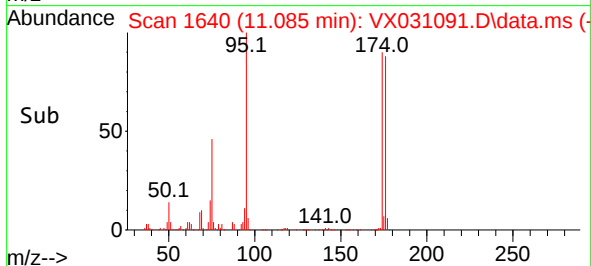
Instrument :
MSVOA_X
ClientSampleId :
RW4-20220823



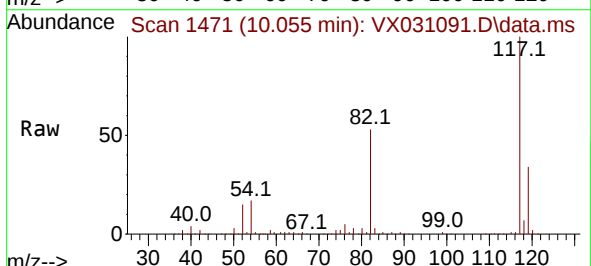
Tgt Ion: 95 Resp: 153830
Ion Ratio Lower Upper
95 100
174 87.2 0.0 149.0
176 84.0 0.0 146.0

Manual Integrations
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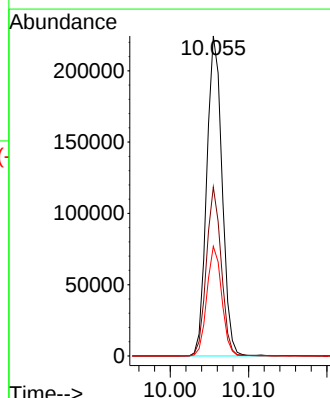
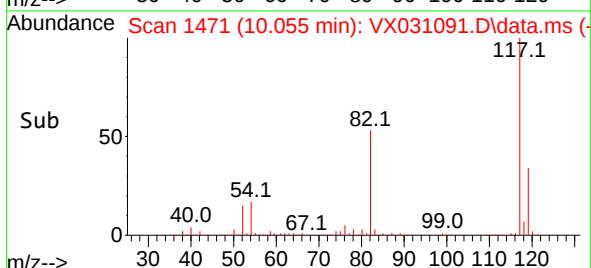
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/06/2022

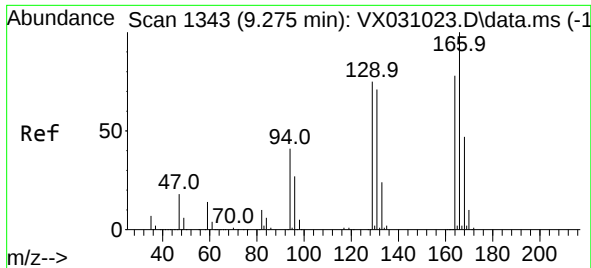


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031091.D
Acq: 03 Sep 2022 18:37



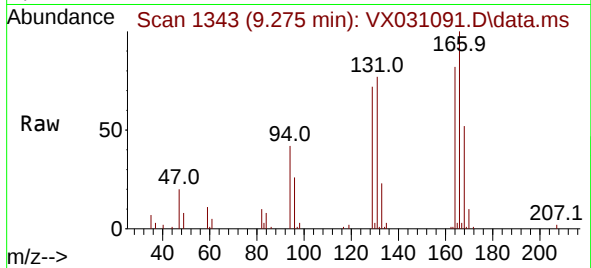
Tgt Ion:117 Resp: 305265
Ion Ratio Lower Upper
117 100
82 52.8 42.7 64.1
119 34.3 25.4 38.2





#64
Tetrachloroethene
Concen: 3.826 ug/l
RT: 9.275 min Scan# 1166
Delta R.T. -0.000 min
Lab File: VX031091.D
Acq: 03 Sep 2022 18:37

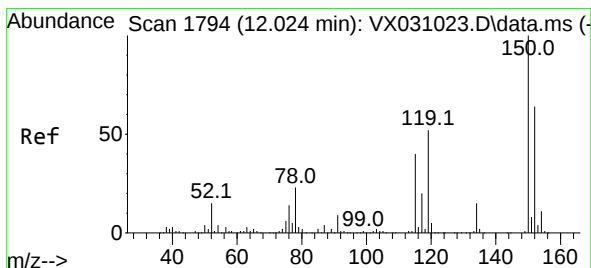
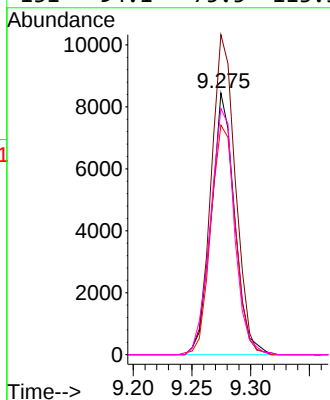
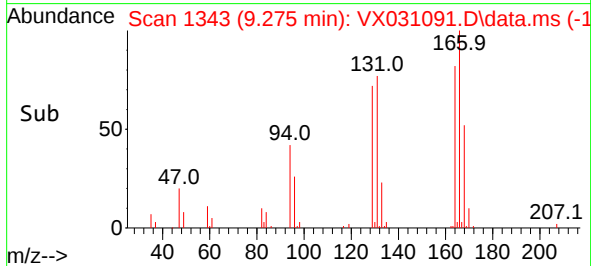
Instrument :
MSVOA_X
ClientSampleId :
RW4-20220823



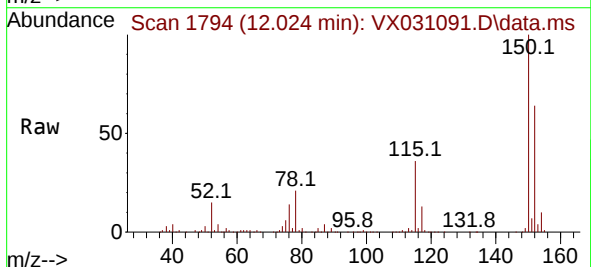
Tgt Ion:164 Resp: 1166
Ion Ratio Lower Upper
164 100
166 122.3 98.2 147.4
129 87.8 80.8 121.2
131 94.1 75.5 113.3

Manual Integrations
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Supervised By :Mahesh Dadoda 09/06/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031091.D
Acq: 03 Sep 2022 18:37



Tgt Ion:152 Resp: 133064
Ion Ratio Lower Upper
152 100
115 57.8 40.5 121.5
150 155.0 0.0 347.0

