

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090122\
 Data File : VX031032.D
 Acq On : 01 Sep 2022 20:09
 Operator : JC/MD
 Sample : N4281-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20220818

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/02/2022
 Supervised By : Mahesh Dadoda 09/02/2022

Quant Time: Sep 02 02:55:59 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	5.556	168	217266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	363343	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	316007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	164804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	158037	56.532	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.060%			
35) Dibromofluoromethane	5.391	113	154668	58.331	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 116.660%			
50) Toluene-d8	8.653	98	554238	56.794	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 113.580%#			
62) 4-Bromofluorobenzene	11.085	95	188518	54.695	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.380%			
Target Compounds					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	19101	7.308	ug/l	95
12) 1,1-Dichloroethene	2.325	96	7129	2.824	ug/l #	85
17) Carbon Disulfide	2.514	76	2094	0.319	ug/l #	92
21) trans-1,2-Dichloroethene	3.093	96	801	0.285	ug/l #	68
27) cis-1,2-Dichloroethene	4.495	96	7912	2.513	ug/l	88
29) Tetrahydrofuran	5.038	42	864m	0.804	ug/l	
30) Chloroform	5.099	83	6039	1.210	ug/l	89
38) Carbon Tetrachloride	5.678	117	6087	1.579	ug/l	94
44) Trichloroethene	7.141	130	8553914	2534.432	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	3480	1.184	ug/l	93
64) Tetrachloroethene	9.281	164	9321	2.954	ug/l	85

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

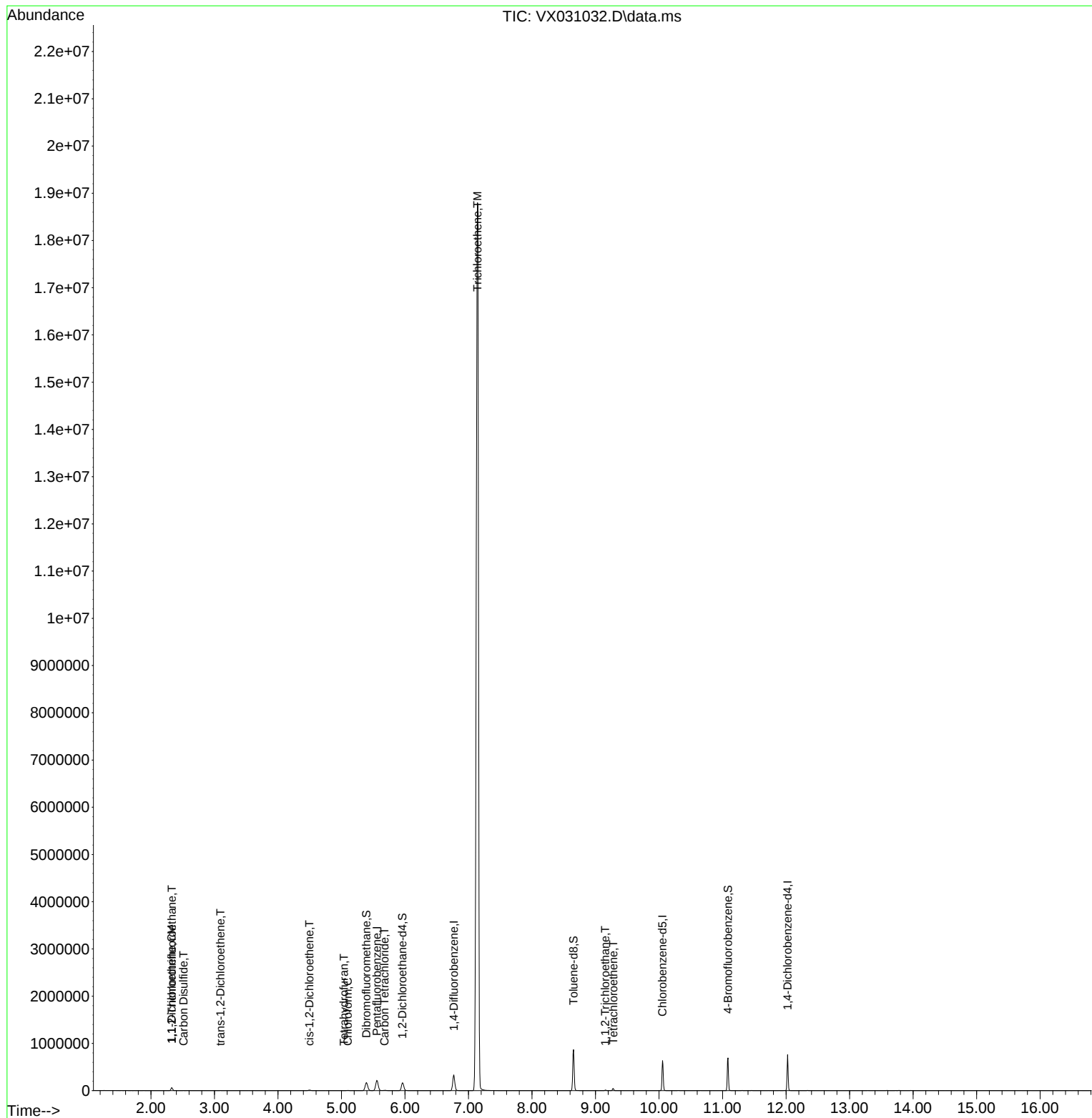
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090122\
Data File : VX031032.D
Acq On : 01 Sep 2022 20:09
Operator : JC/MD
Sample : N4281-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

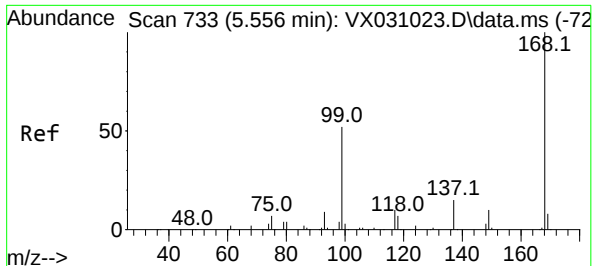
Instrument :
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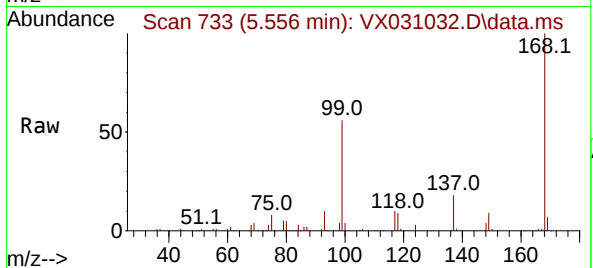
Quant Time: Sep 02 02:55:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 02 02:49:21 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031032.D
Acq: 01 Sep 2022 20:09

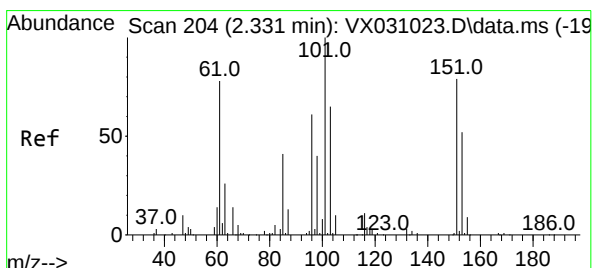
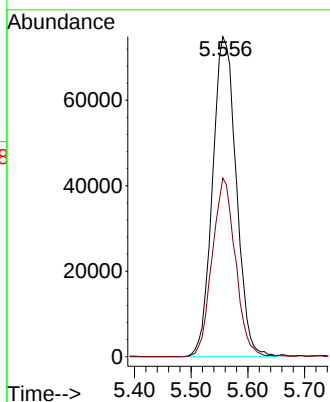
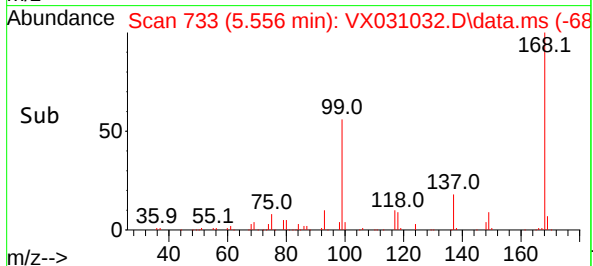
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20220818



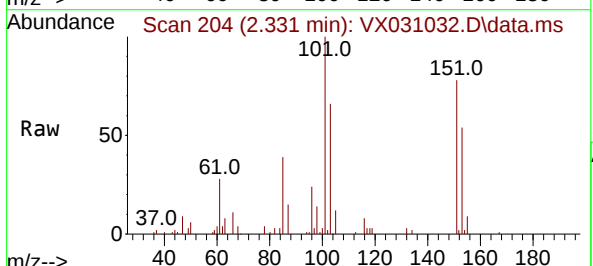
Tgt Ion:168 Resp: 21726
Ion Ratio Lower Upper
168 100
99 55.8 44.0 66.0

Manual Integrations
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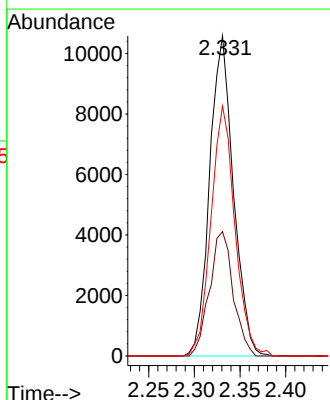
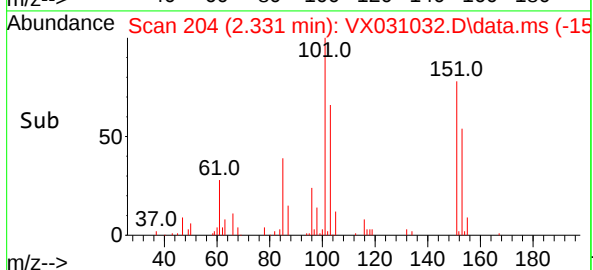
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

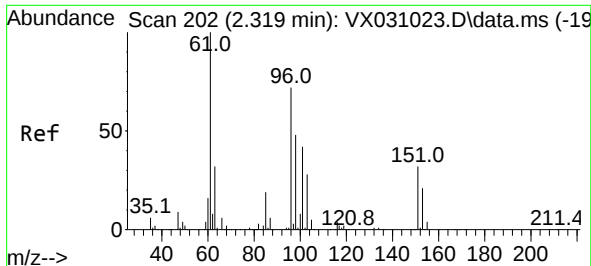


#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.308 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX031032.D
Acq: 01 Sep 2022 20:09



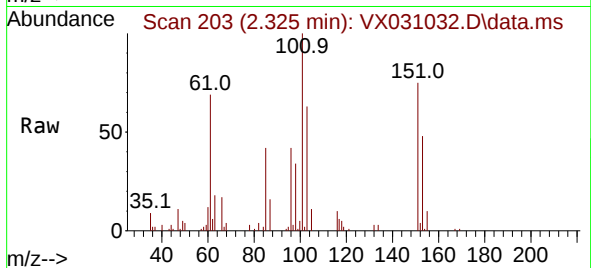
Tgt Ion:101 Resp: 19101
Ion Ratio Lower Upper
101 100
85 38.8 34.0 51.0
151 78.7 59.4 89.0





#12
1,1-Dichloroethene
Concen: 2.824 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX031032.D
Acq: 01 Sep 2022 20:09

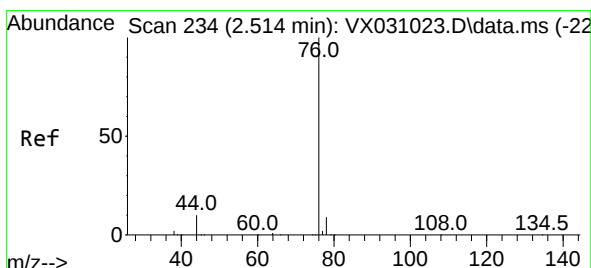
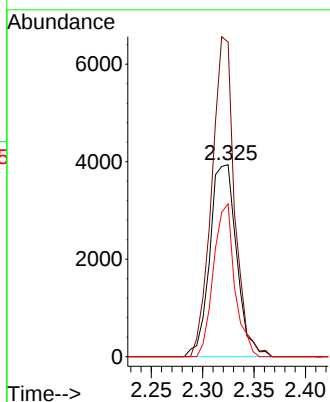
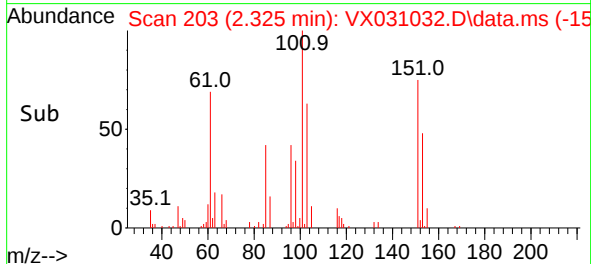
Instrument :
MSVOA_X
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RE122D2-20220818



Tgt Ion: 96 Resp: 7129
Ion Ratio Lower Upper
96 100
61 163.9 117.4 176.0
98 79.6 52.2 78.4

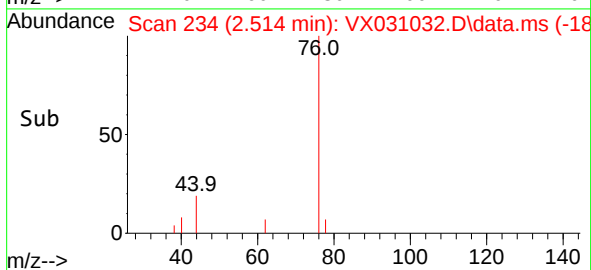
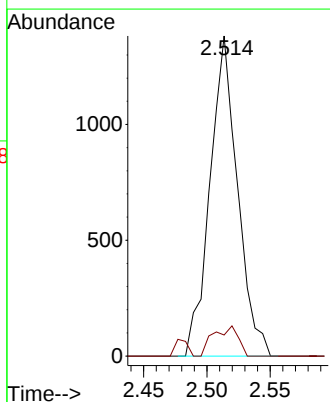
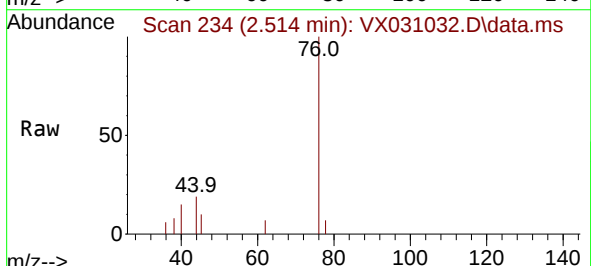
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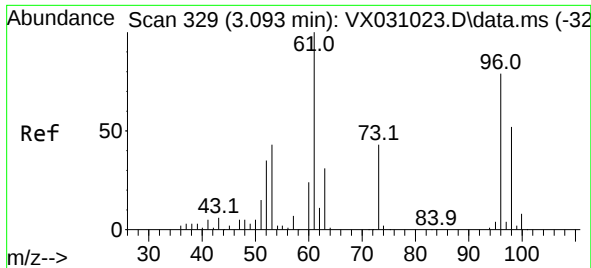
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#17
Carbon Disulfide
Concen: 0.319 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX031032.D
Acq: 01 Sep 2022 20:09

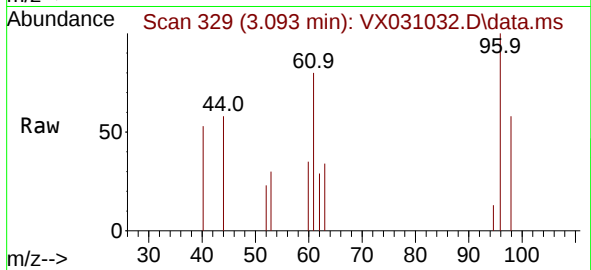
Tgt Ion: 76 Resp: 2094
Ion Ratio Lower Upper
76 100
78 6.6 7.8 11.6





#21
trans-1,2-Dichloroethene
Concen: 0.285 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031032.D
Acq: 01 Sep 2022 20:09

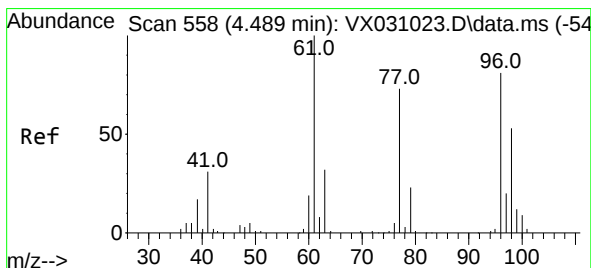
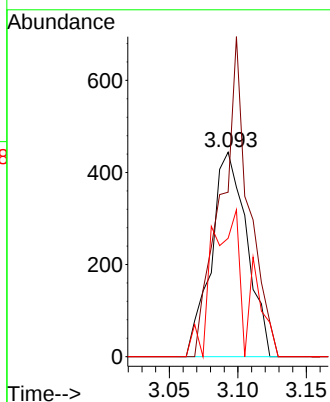
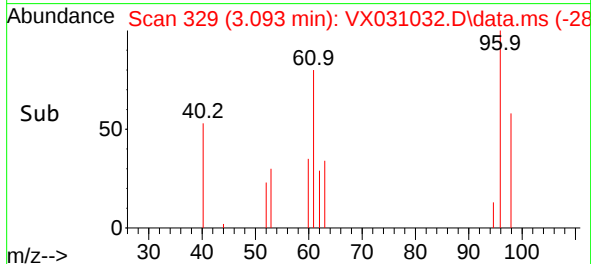
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20220818



Tgt Ion: 96 Resp: 80
Ion Ratio Lower Upper
96 100
61 80.4 105.6 158.4
98 57.9 50.1 75.1

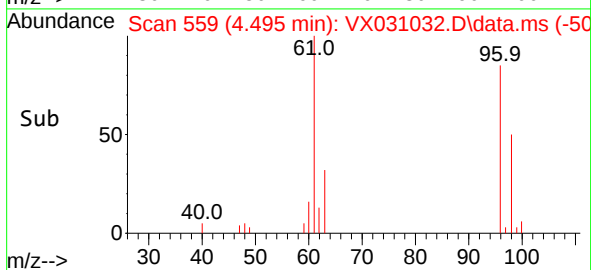
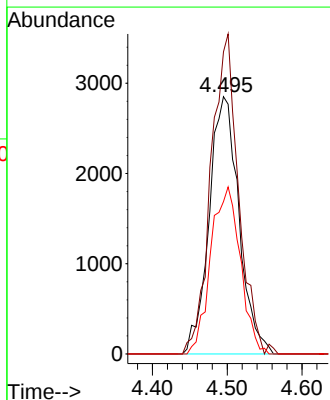
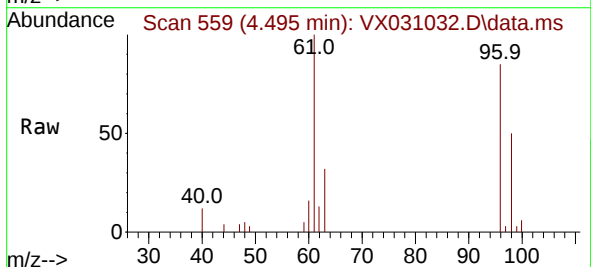
Manual Integrations
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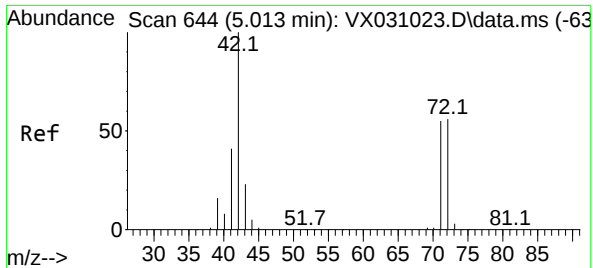
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#27
cis-1,2-Dichloroethene
Concen: 2.513 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX031032.D
Acq: 01 Sep 2022 20:09

Tgt Ion: 96 Resp: 7912
Ion Ratio Lower Upper
96 100
61 114.8 0.0 270.0
98 64.3 0.0 127.8





#29

Tetrahydrofuran

Concen: 0.804 ug/l m

RT: 5.038 min Scan# 644

Delta R.T. 0.025 min

Lab File: VX031032.D

Acq: 01 Sep 2022 20:09

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20220818

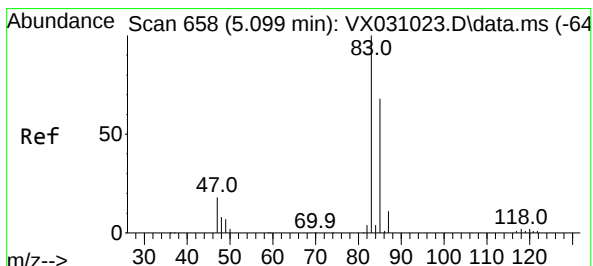
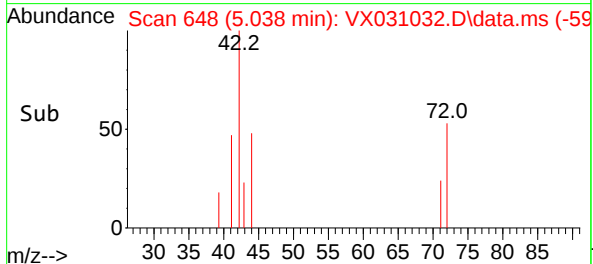
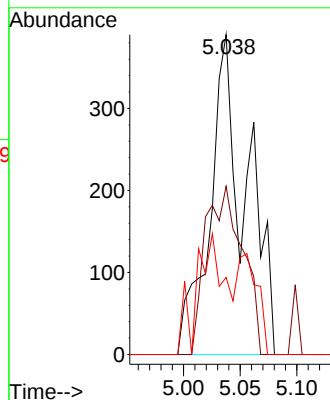
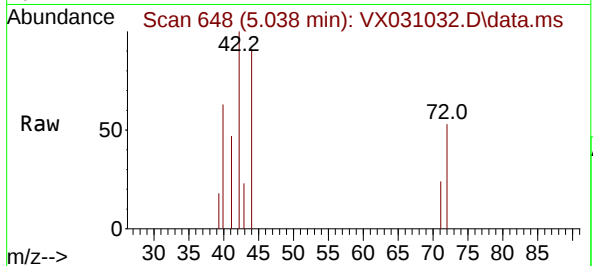
Tgt Ion: 42	Resp: 864
Ion Ratio	Lower Upper
42 100	
72 54.5	36.5 54.7
71 29.9	33.9 50.9

Manual Integrations

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Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#30

Chloroform

Concen: 1.210 ug/l

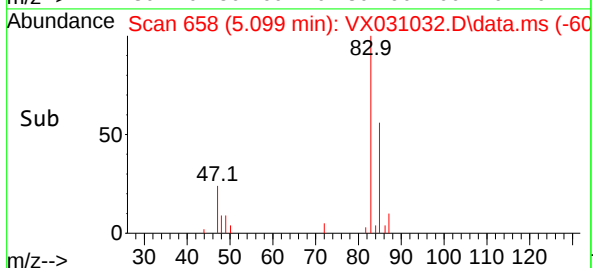
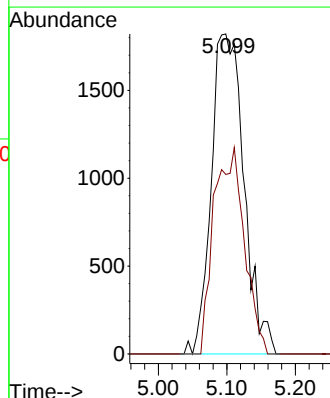
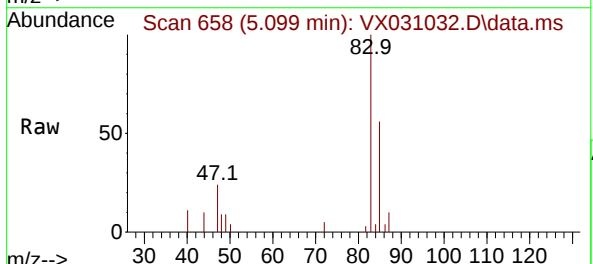
RT: 5.099 min Scan# 658

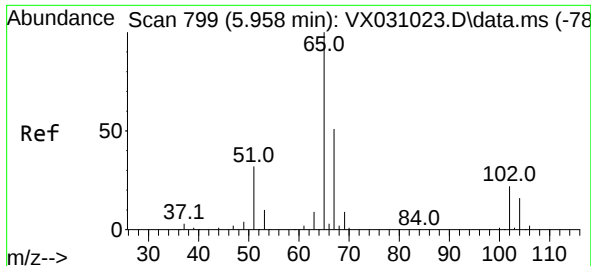
Delta R.T. -0.000 min

Lab File: VX031032.D

Acq: 01 Sep 2022 20:09

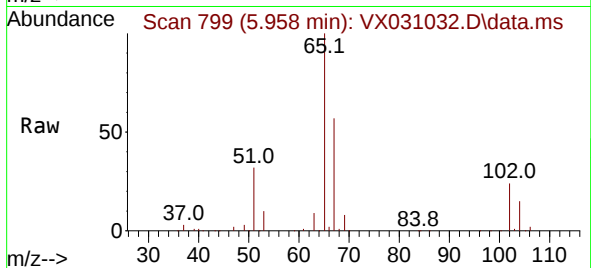
Tgt Ion: 83	Resp: 6039
Ion Ratio	Lower Upper
83 100	
85 56.1	51.5 77.3





#33
 1,2-Dichloroethane-d4
 Concen: 56.532 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX031032.D
 Acq: 01 Sep 2022 20:09

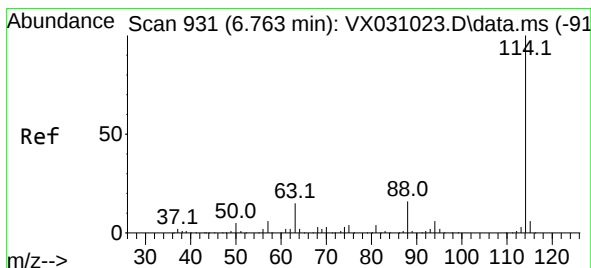
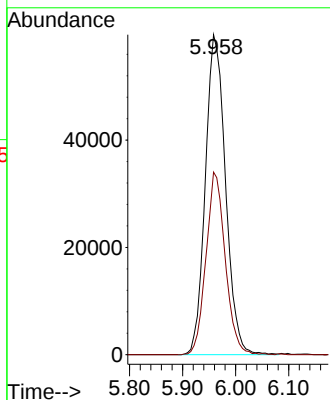
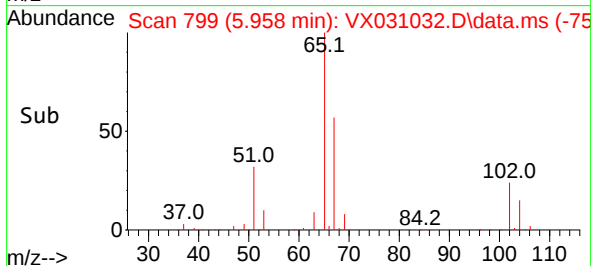
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 RE122D2-20220818



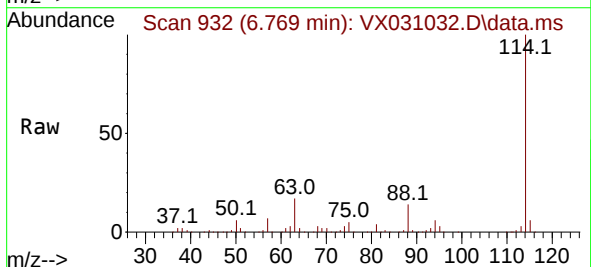
Tgt Ion: 65 Resp: 15803
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.6

Manual Integrations
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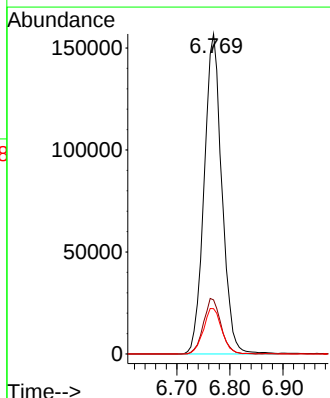
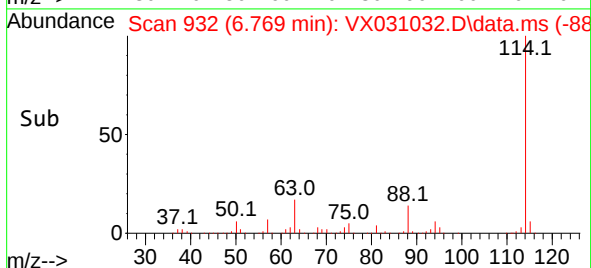
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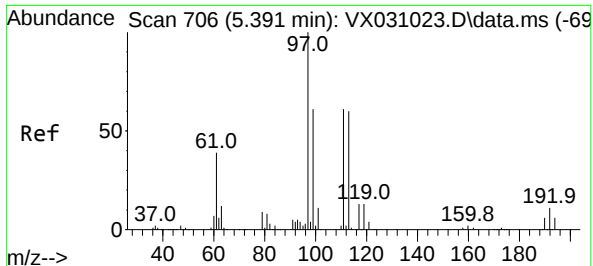


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX031032.D
 Acq: 01 Sep 2022 20:09



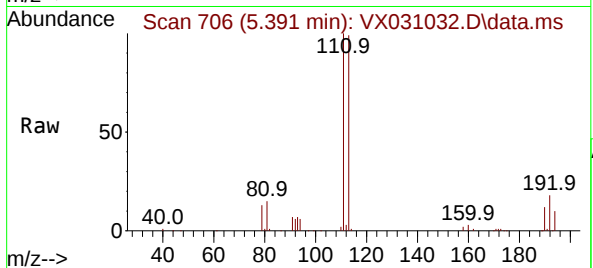
Tgt Ion:114 Resp: 363343
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 38.4
 88 14.2 0.0 31.8





#35
Dibromofluoromethane
Concen: 58.331 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031032.D
Acq: 01 Sep 2022 20:09

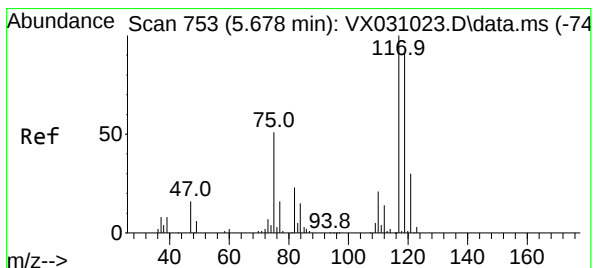
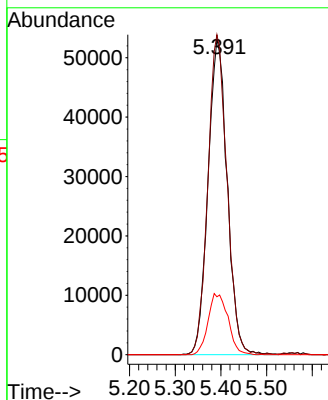
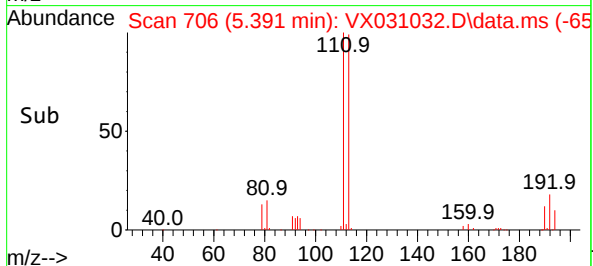
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Tgt Ion:113 Resp: 154668
Ion Ratio Lower Upper
113 100
111 100.8 83.2 124.8
192 20.1 14.8 22.2

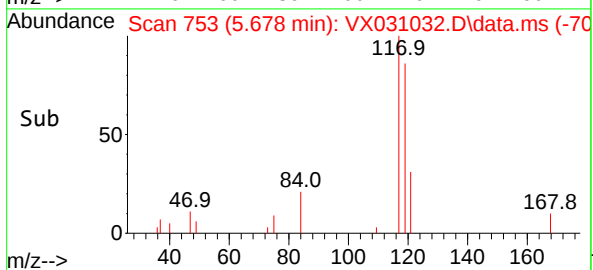
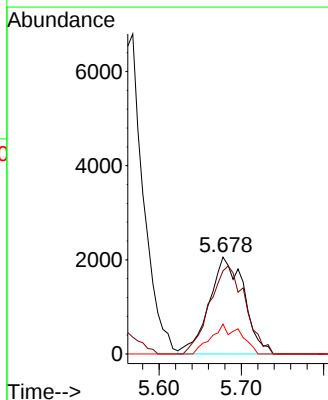
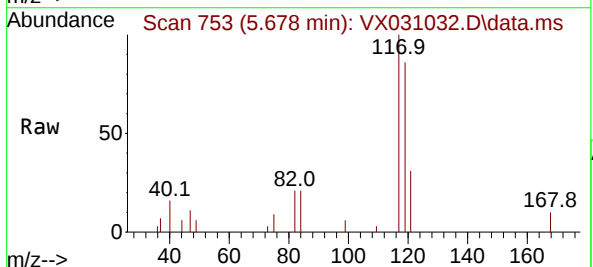
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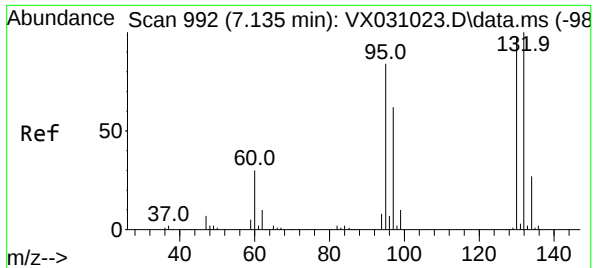
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#38
Carbon Tetrachloride
Concen: 1.579 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX031032.D
Acq: 01 Sep 2022 20:09

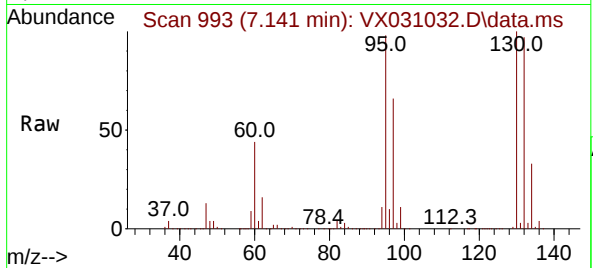
Tgt Ion:117 Resp: 6087
Ion Ratio Lower Upper
117 100
119 85.8 74.1 111.1
121 30.9 25.8 38.8





#44
 Trichloroethene
 Concen: 2534.432 ug/l
 RT: 7.141 min Scan# 992
 Delta R.T. 0.012 min
 Lab File: VX031032.D
 Acq: 01 Sep 2022 20:09

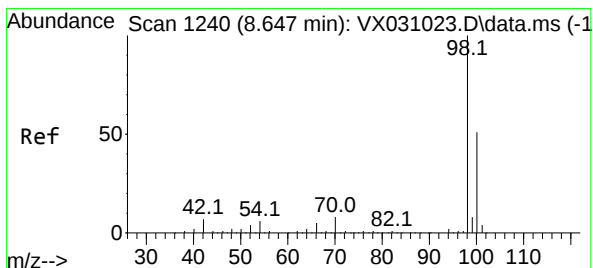
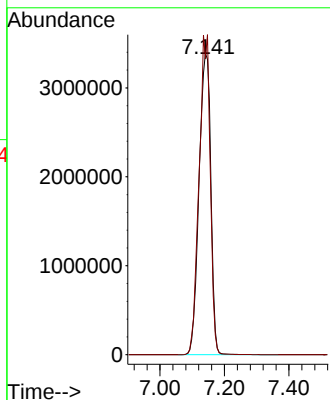
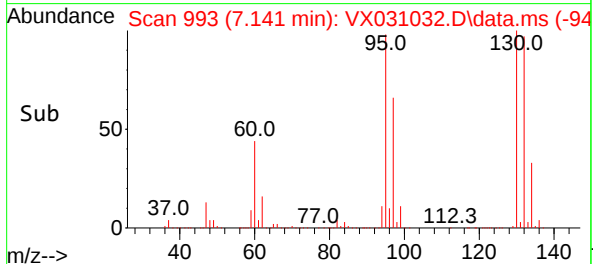
Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:130 Resp: 8553914
 Ion Ratio Lower Upper
 130 100
 95 98.1 0.0 194.8

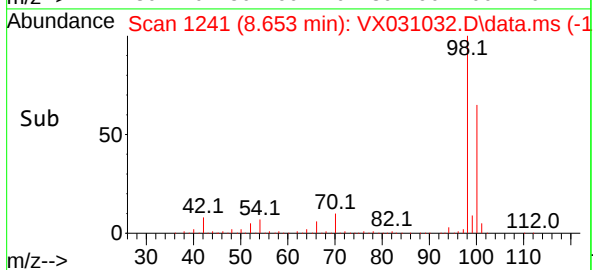
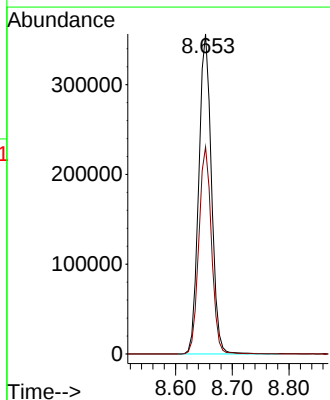
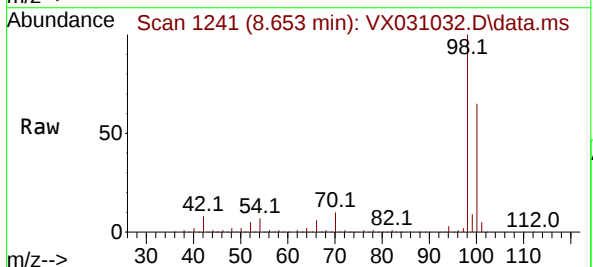
Manual Integrations
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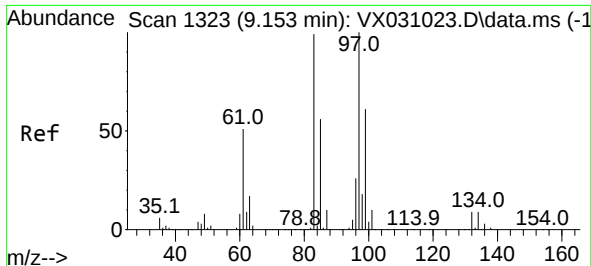
Reviewed By :John Carlone 09/02/2022
 Supervised By :Mahesh Dadoda 09/02/2022



#50
 Toluene-d8
 Concen: 56.794 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. -0.000 min
 Lab File: VX031032.D
 Acq: 01 Sep 2022 20:09

Tgt Ion: 98 Resp: 554238
 Ion Ratio Lower Upper
 98 100
 100 64.5 52.3 78.5





#55

1,1,2-Trichloroethane

Concen: 1.184 ug/l

RT: 9.153 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX031032.D

Acq: 01 Sep 2022 20:09

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20220818

Tgt Ion: 97 Resp: 3480

Ion Ratio Lower Upper

97 100

83 89.6 68.9 103.3

85 53.0 44.0 66.0

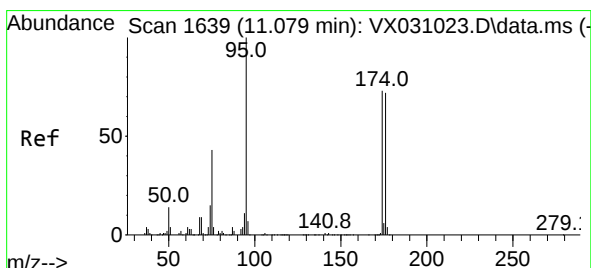
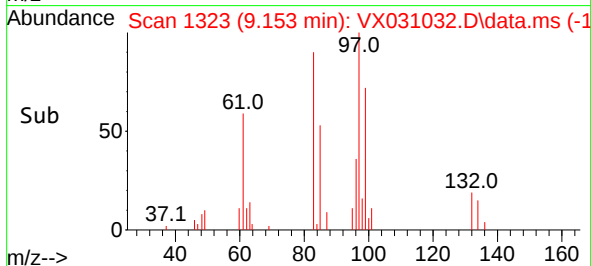
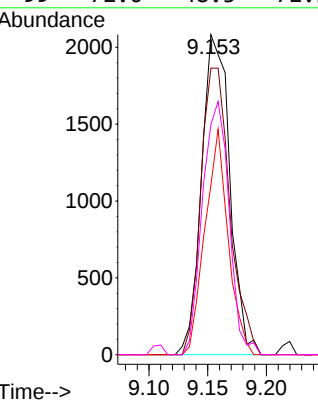
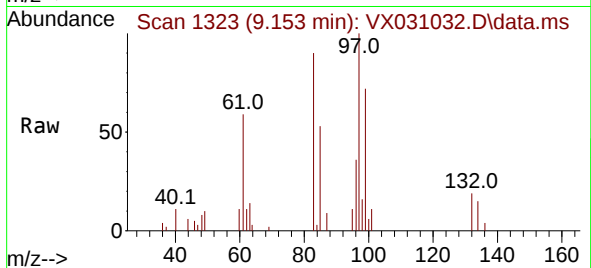
99 72.0 48.3 72.5

Manual Integrations

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Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#62

4-Bromofluorobenzene

Concen: 54.695 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX031032.D

Acq: 01 Sep 2022 20:09

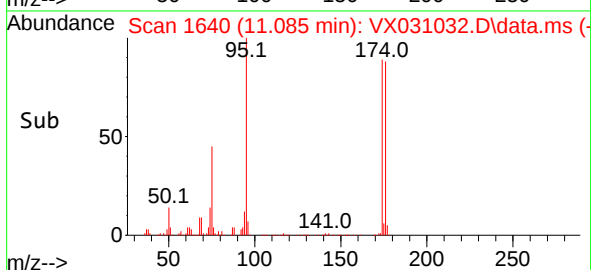
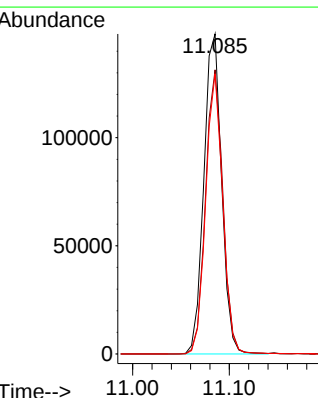
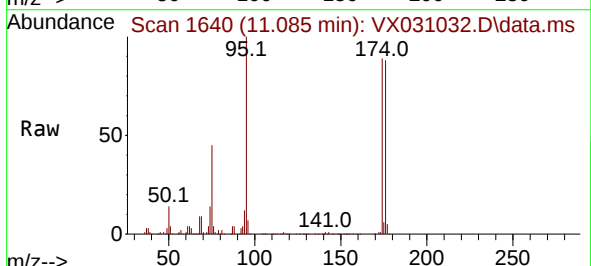
Tgt Ion: 95 Resp: 188518

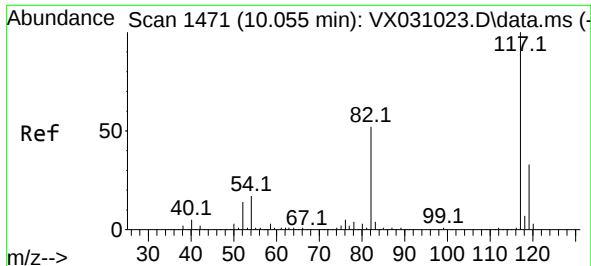
Ion Ratio Lower Upper

95 100

174 87.0 0.0 149.0

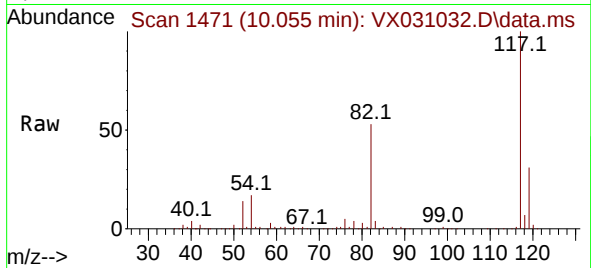
176 83.9 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031032.D
Acq: 01 Sep 2022 20:09

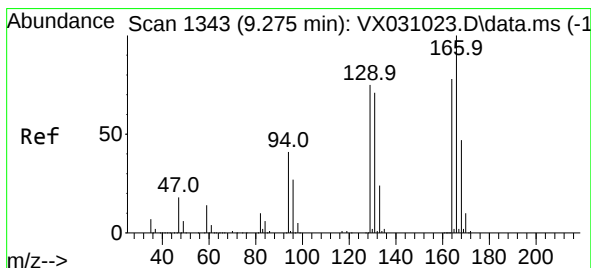
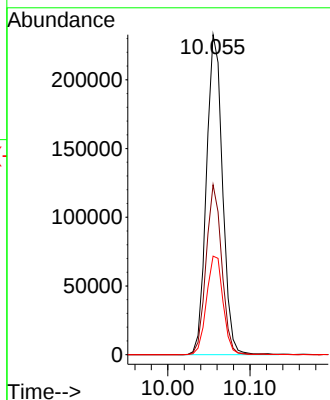
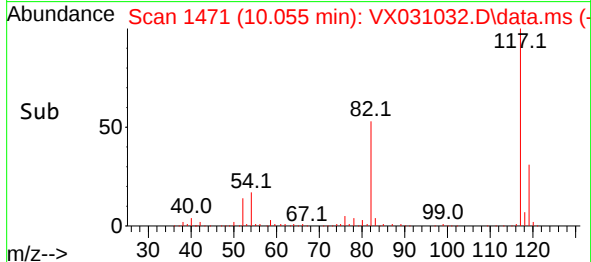
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20220818



Tgt Ion:117 Resp: 31600
Ion Ratio Lower Upper
117 100
82 53.1 42.7 64.1
119 30.8 25.4 38.2

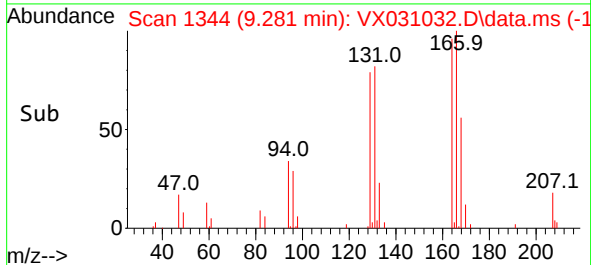
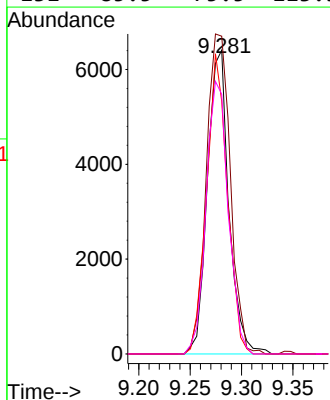
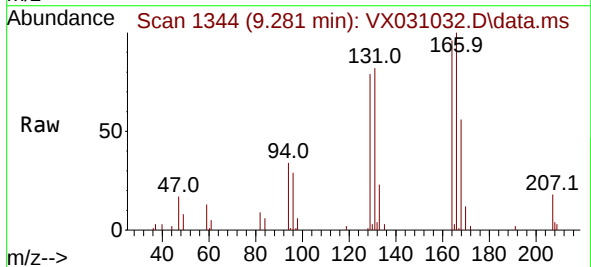
Manual Integrations
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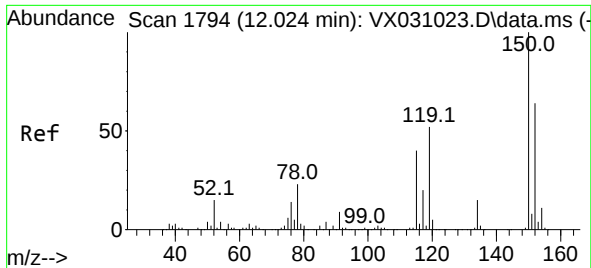
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#64
Tetrachloroethene
Concen: 2.954 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX031032.D
Acq: 01 Sep 2022 20:09

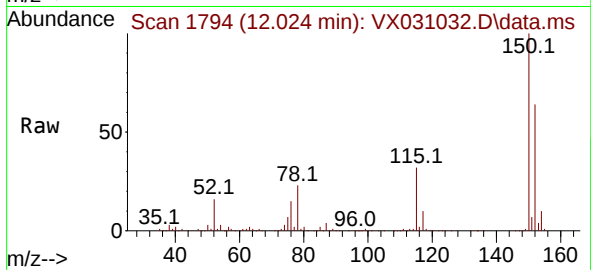
Tgt Ion:164 Resp: 9321
Ion Ratio Lower Upper
164 100
166 104.6 98.2 147.4
129 83.1 80.8 121.2
131 85.5 75.5 113.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031032.D
 Acq: 01 Sep 2022 20:09

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20220818



Tgt Ion:152 Resp: 164804
 Ion Ratio Lower Upper
 152 100
 115 52.5 40.5 121.5
 150 150.5 0.0 347.0

Manual Integrations
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Reviewed By :John Carlone 09/02/2022
 Supervised By :Mahesh Dadoda 09/02/2022

