

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090322\
 Data File : VX031090.D
 Acq On : 03 Sep 2022 18:13
 Operator : JC/MD
 Sample : N4357-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-20220823

Manual Integrations
 APPROVED

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

Quant Time: Sep 06 00:15:20 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	215915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	345141	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	313964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	134497	48.412	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.820%		
35) Dibromofluoromethane	5.391	113	129225	51.306	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.620%		
50) Toluene-d8	8.653	98	472827	51.007	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.020%		
62) 4-Bromofluorobenzene	11.079	95	165323	50.495	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.980%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	887	0.399	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.331	101	34929	13.447	ug/l	90
12) 1,1-Dichloroethene	2.319	96	7822	3.118	ug/l	92
24) 1,1-Dichloroethane	3.611	63	2480	0.548	ug/l #	90
27) cis-1,2-Dichloroethene	4.501	96	6624	2.117	ug/l	86
30) Chloroform	5.093	83	4121	0.831	ug/l #	80
38) Carbon Tetrachloride	5.678	117	6383	1.743	ug/l	97
44) Trichloroethene	7.135	130	2896361	903.418	ug/l	97
49) 1,4-Dioxane	7.696	88	1053m	14.314	ug/l	
55) 1,1,2-Trichloroethane	9.153	97	1635	0.585	ug/l #	83
64) Tetrachloroethene	9.275	164	9957	3.176	ug/l #	90

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

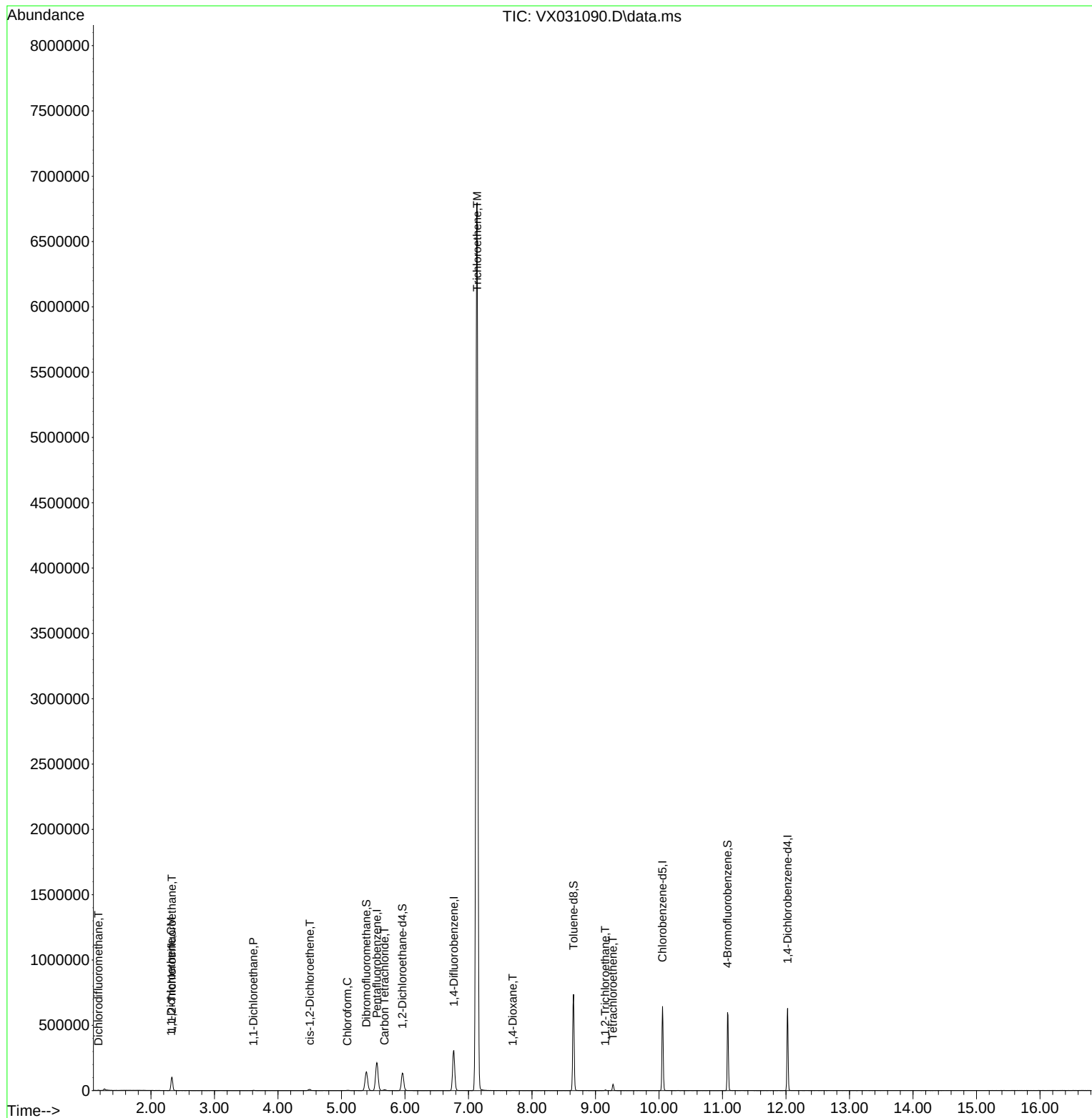
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090322\
Data File : VX031090.D
Acq On : 03 Sep 2022 18:13
Operator : JC/MD
Sample : N4357-09
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ALS Vial : 11 Sample Multiplier: 1

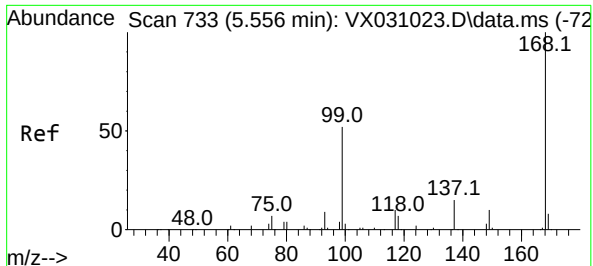
Instrument :
MSVOA_X
ClientSampleId :
RE137-20220823

Quant Time: Sep 06 00:15:20 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

Manual Integrations
APPROVED

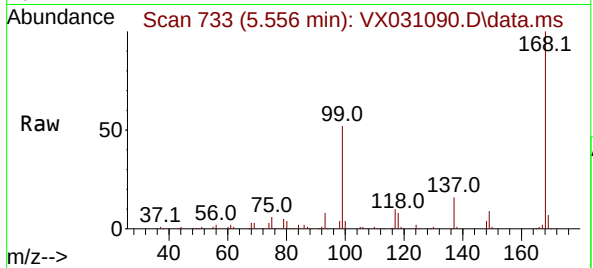
Reviewed By : John Carlone 09/06/2022
Supervised By : Mahesh Dadoda 09/06/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031090.D
Acq: 03 Sep 2022 18:13

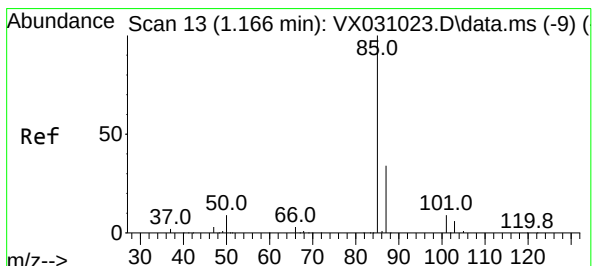
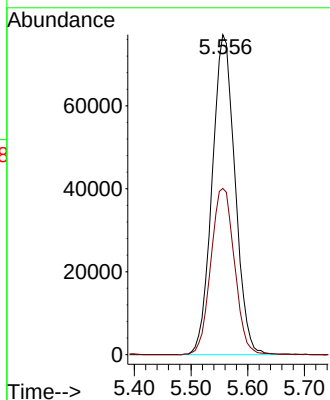
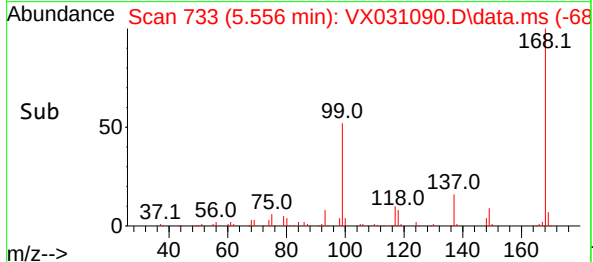
Instrument :
MSVOA_X
ClientSampleId :
RE137-20220823



Tgt Ion:168 Resp: 21591
Ion Ratio Lower Upper
168 100
99 52.0 44.0 66.0

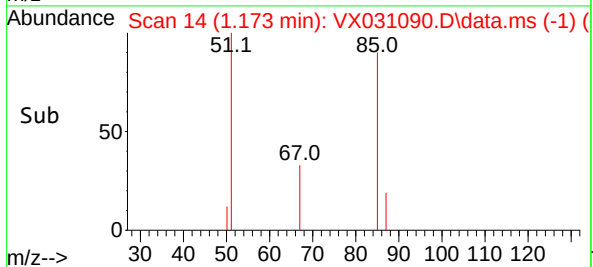
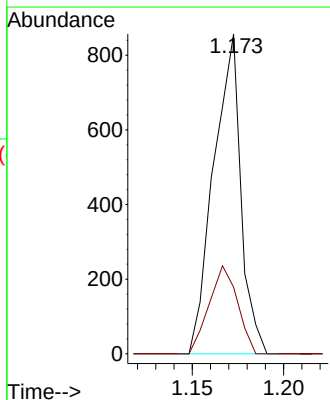
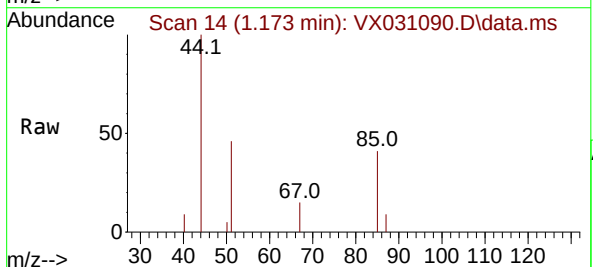
Manual Integrations
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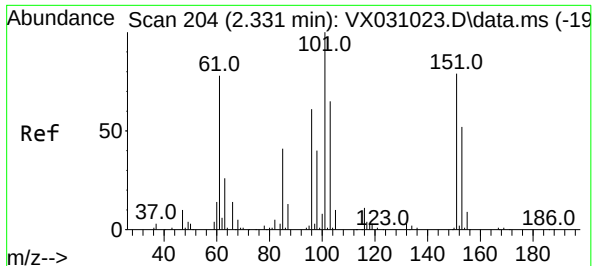
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/06/2022



#2
Dichlorodifluoromethane
Concen: 0.399 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.007 min
Lab File: VX031090.D
Acq: 03 Sep 2022 18:13

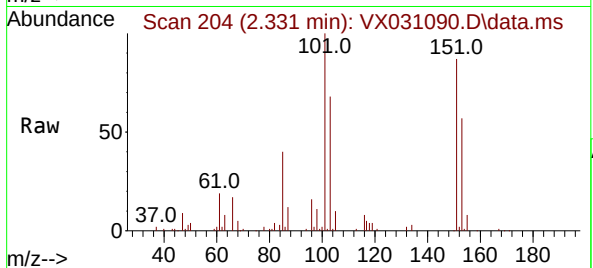
Tgt Ion: 85 Resp: 887
Ion Ratio Lower Upper
85 100
87 20.9 16.5 49.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 13.447 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX031090.D
Acq: 03 Sep 2022 18:13

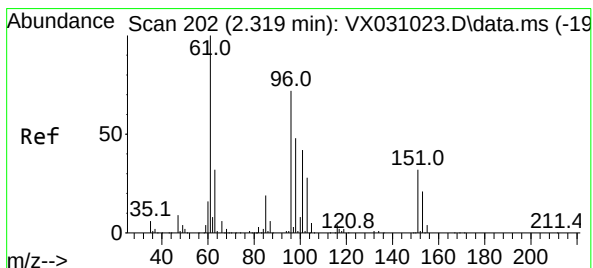
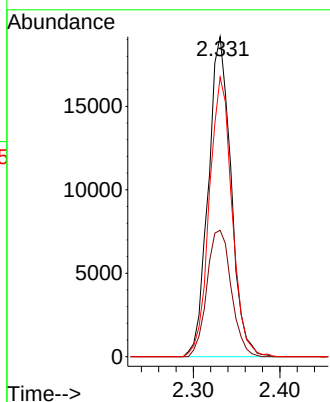
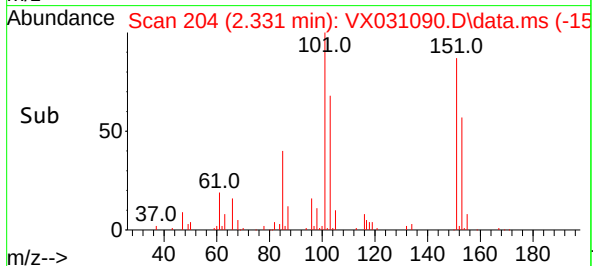
Instrument :
MSVOA_X
ClientSampleId :
RE137-20220823



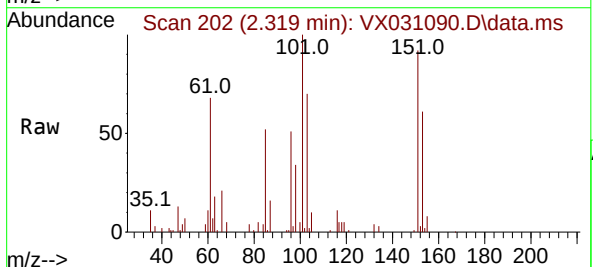
Tgt Ion:101 Resp: 34929
Ion Ratio Lower Upper
101 100
85 42.3 34.0 51.0
151 87.1 59.4 89.0

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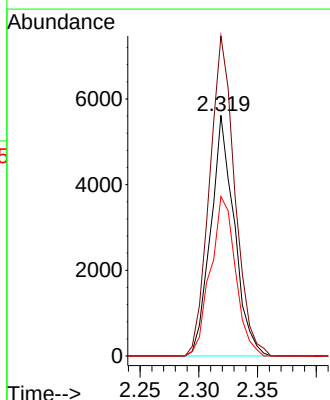
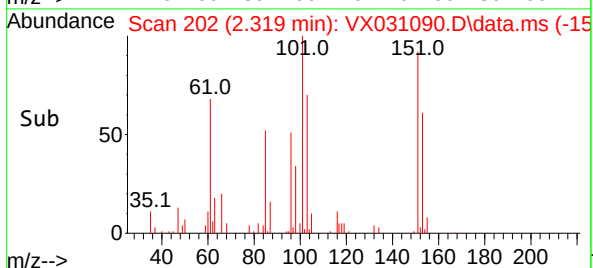
Reviewed By :John Carbone 09/06/2022
Supervised By :Mahesh Dadoda 09/06/2022

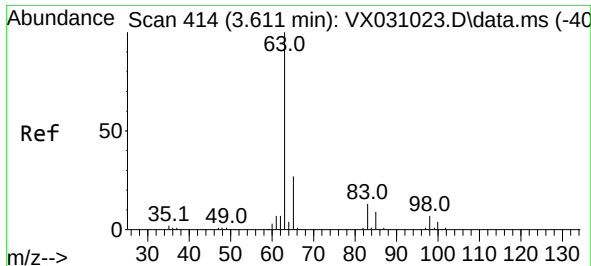


#12
1,1-Dichloroethene
Concen: 3.118 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX031090.D
Acq: 03 Sep 2022 18:13



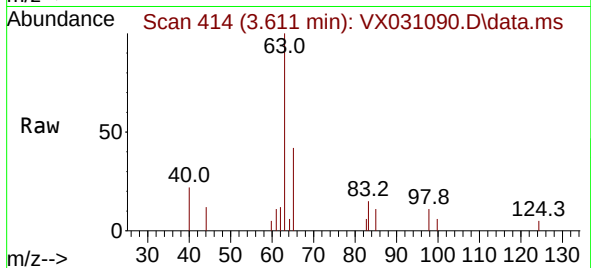
Tgt Ion: 96 Resp: 7822
Ion Ratio Lower Upper
96 100
61 133.0 117.4 176.0
98 66.2 52.2 78.4





#24
1,1-Dichloroethane
Concen: 0.548 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX031090.D
Acq: 03 Sep 2022 18:13

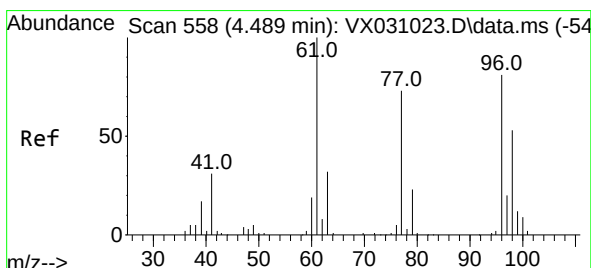
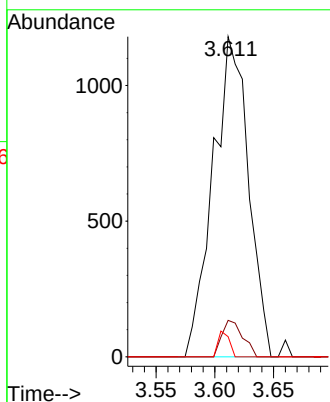
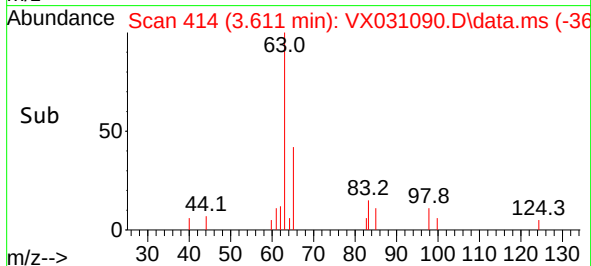
Instrument :
MSVOA_X
ClientSampleId :
RE137-20220823



Tgt Ion: 63 Resp: 2480
Ion Ratio Lower Upper
63 100
98 11.4 3.5 10.5
100 6.3 2.3 6.9

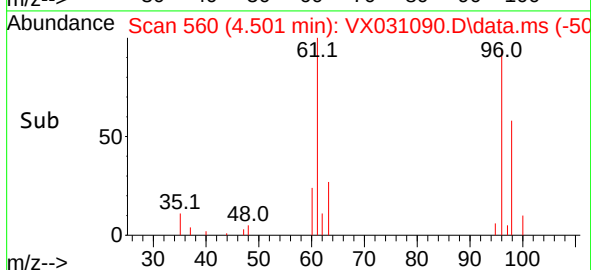
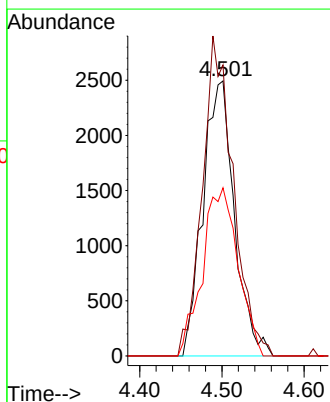
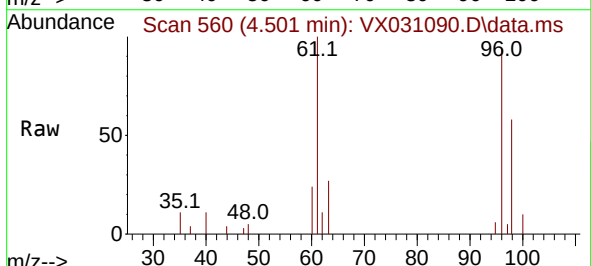
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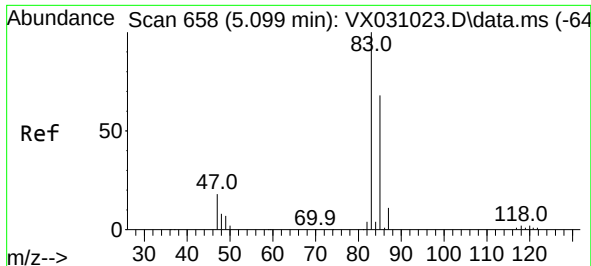
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/06/2022



#27
cis-1,2-Dichloroethene
Concen: 2.117 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX031090.D
Acq: 03 Sep 2022 18:13

Tgt Ion: 96 Resp: 6624
Ion Ratio Lower Upper
96 100
61 113.5 0.0 270.0
98 69.1 0.0 127.8





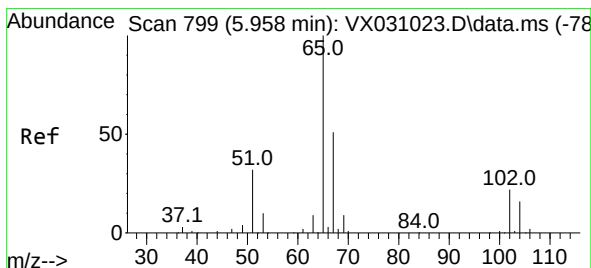
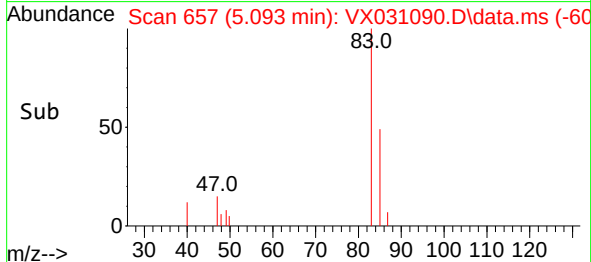
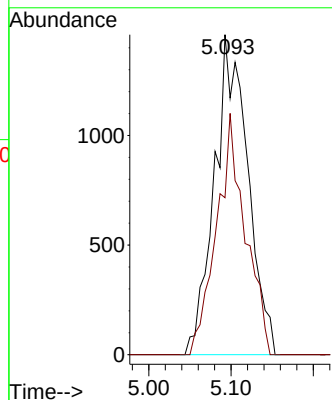
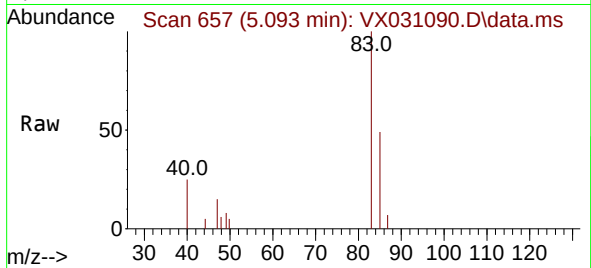
#30
Chloroform
Concen: 0.831 ug/l
RT: 5.093 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX031090.D
Acq: 03 Sep 2022 18:13

Instrument :
MSVOA_X
ClientSampleId :
RE137-20220823

Tgt Ion: 83 Resp: 412
Ion Ratio Lower Upper
83 100
85 49.0 51.5 77.3

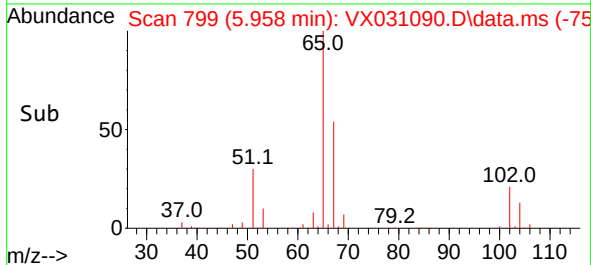
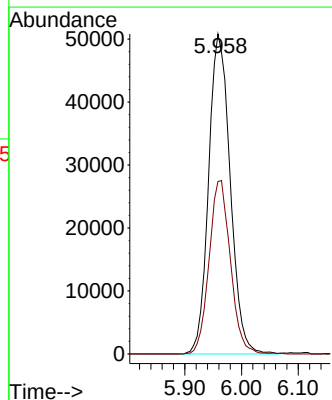
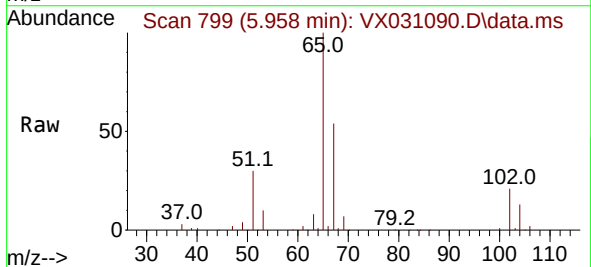
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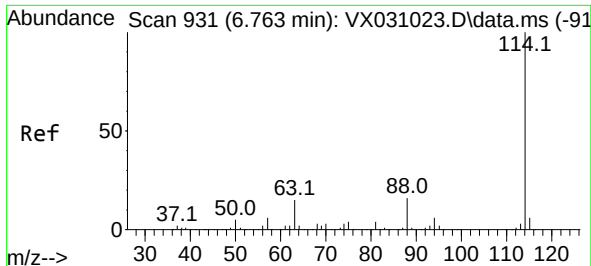
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/06/2022



#33
1,2-Dichloroethane-d4
Concen: 48.412 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031090.D
Acq: 03 Sep 2022 18:13

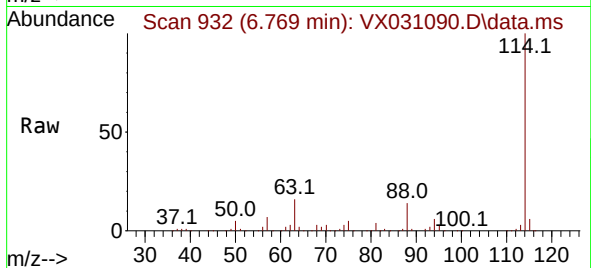
Tgt Ion: 65 Resp: 134497
Ion Ratio Lower Upper
65 100
67 53.5 0.0 109.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 914
Delta R.T. 0.000 min
Lab File: VX031090.D
Acq: 03 Sep 2022 18:13

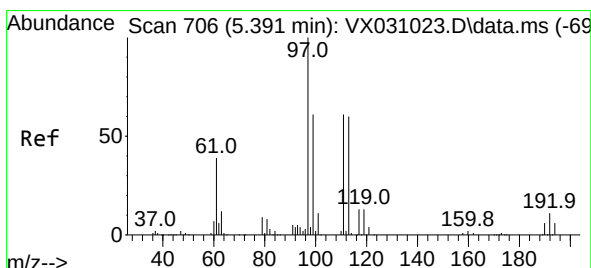
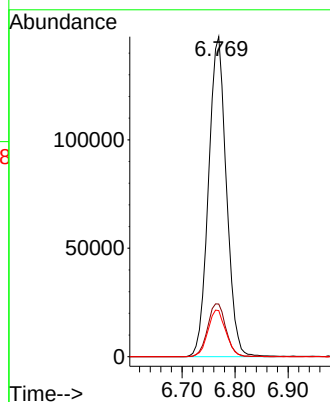
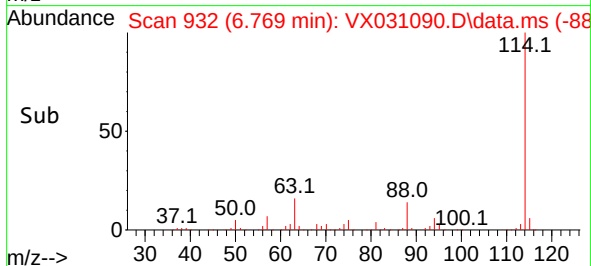
Instrument :
MSVOA_X
ClientSampleId :
RE137-20220823



Tgt Ion:114 Resp: 34514
Ion Ratio Lower Upper
114 100
63 16.5 0.0 38.4
88 14.4 0.0 31.8

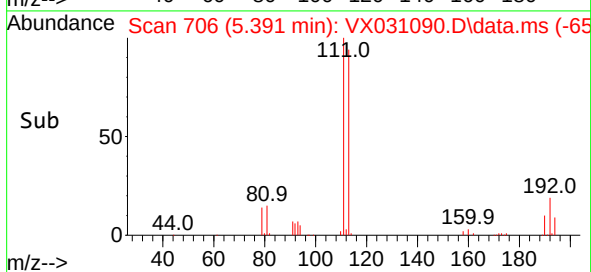
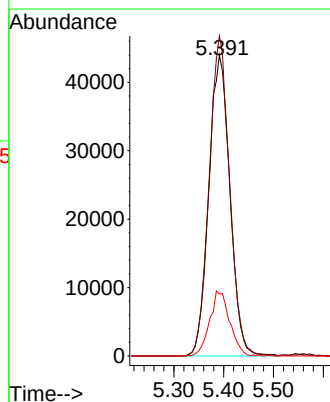
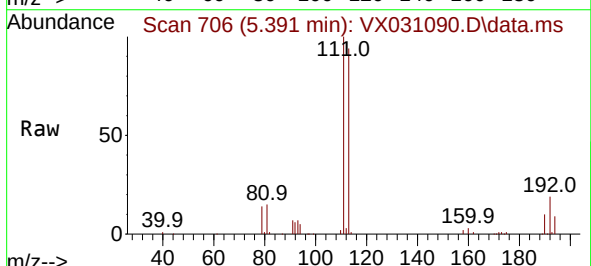
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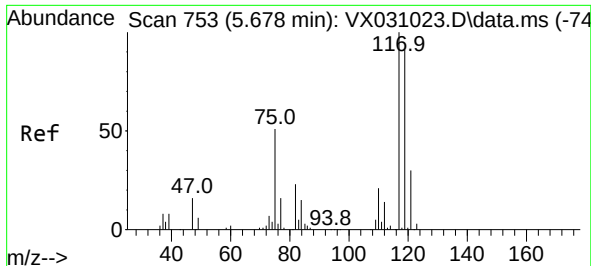
Reviewed By :John Carbone 09/06/2022
Supervised By :Mahesh Dadoda 09/06/2022



#35
Dibromofluoromethane
Concen: 51.306 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031090.D
Acq: 03 Sep 2022 18:13

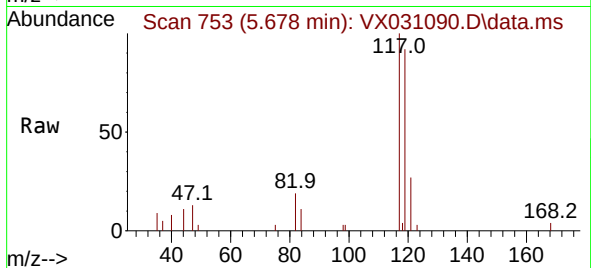
Tgt Ion:113 Resp: 129225
Ion Ratio Lower Upper
113 100
111 103.1 83.2 124.8
192 20.6 14.8 22.2





#38
Carbon Tetrachloride
Concen: 1.743 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX031090.D
Acq: 03 Sep 2022 18:13

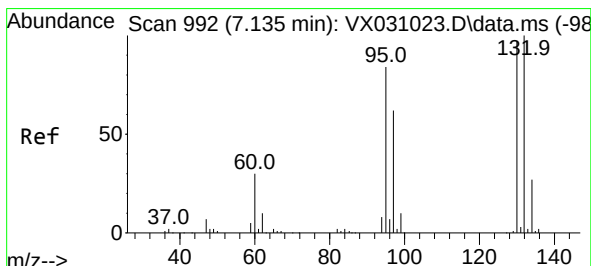
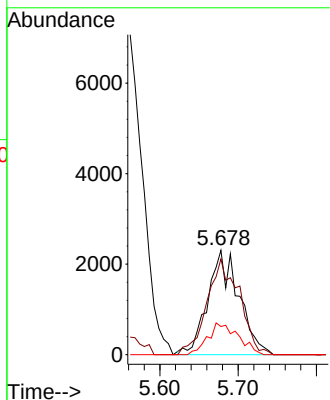
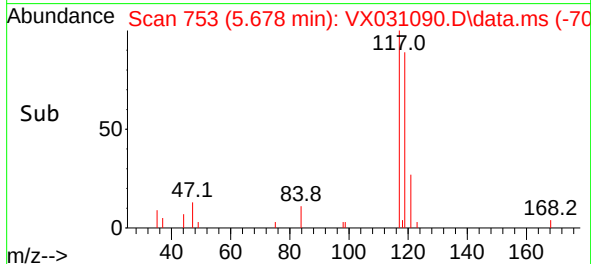
Instrument :
MSVOA_X
ClientSampleId :
RE137-20220823



Tgt Ion:117 Resp: 638
Ion Ratio Lower Upper
117 100
119 91.7 74.1 111.1
121 27.0 25.8 38.8

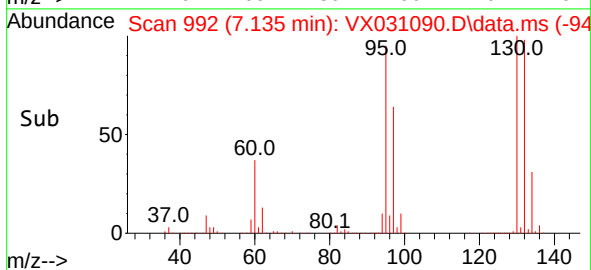
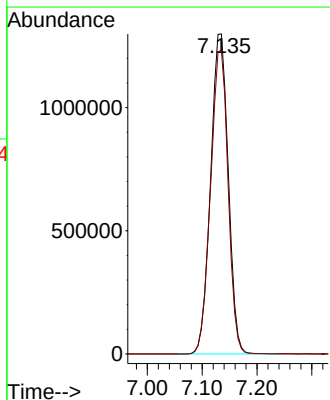
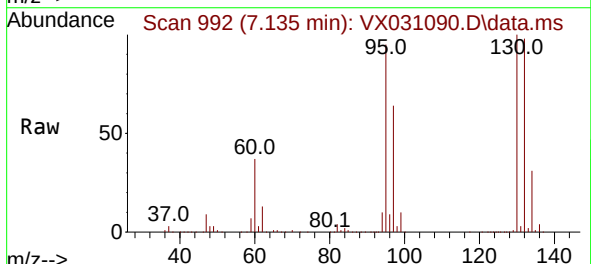
Manual Integrations
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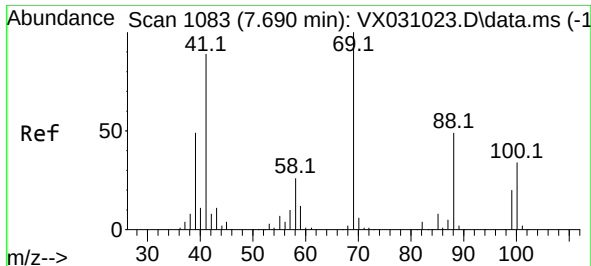
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/06/2022



#44
Trichloroethene
Concen: 903.418 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX031090.D
Acq: 03 Sep 2022 18:13

Tgt Ion:130 Resp: 2896361
Ion Ratio Lower Upper
130 100
95 94.9 0.0 194.8





#49

1,4-Dioxane

Concen: 14.314 ug/l m

RT: 7.696 min Scan# 1083

Delta R.T. 0.019 min

Lab File: VX031090.D

Acq: 03 Sep 2022 18:13

Instrument :

MSVOA_X

ClientSampleId :

RE137-20220823

Tgt Ion: 88 Resp: 105

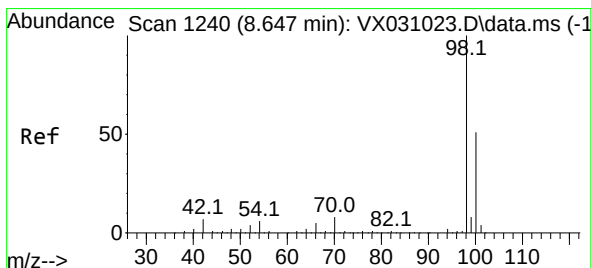
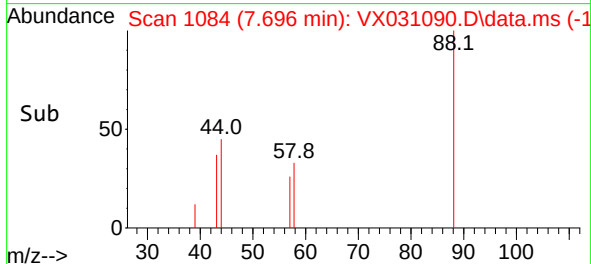
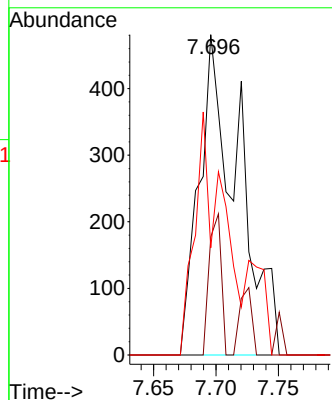
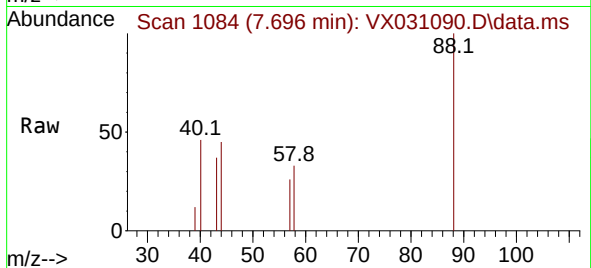
Ion	Ratio	Lower	Upper
88	100		
43	13.5	23.8	35.8
58	53.6	53.8	80.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/06/2022

Supervised By :Mahesh Dadoda 09/06/2022



#50

Toluene-d8

Concen: 51.007 ug/l

RT: 8.653 min Scan# 1241

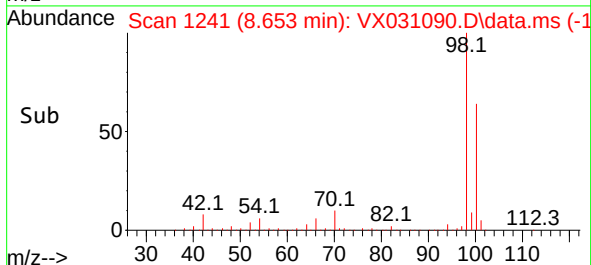
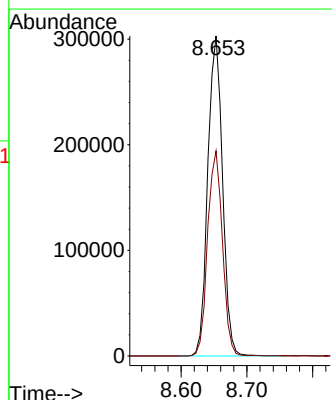
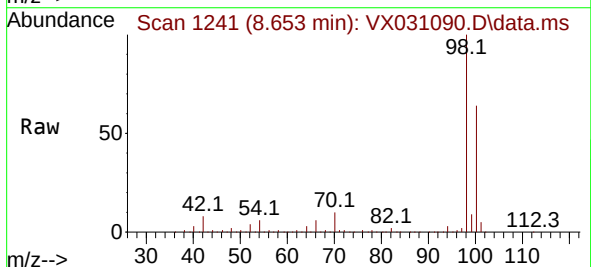
Delta R.T. -0.000 min

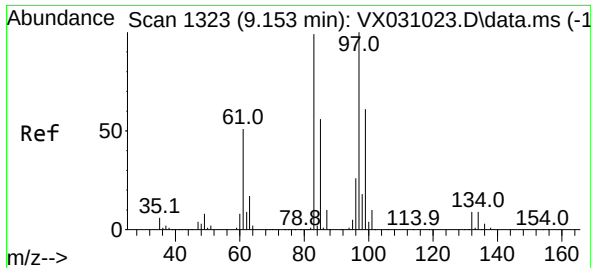
Lab File: VX031090.D

Acq: 03 Sep 2022 18:13

Tgt Ion: 98 Resp: 472827

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.3	78.5





#55

1,1,2-Trichloroethane

Concen: 0.585 ug/l

RT: 9.153 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX031090.D

Acq: 03 Sep 2022 18:13

Instrument :

MSVOA_X

ClientSampleId :

RE137-20220823

Tgt Ion: 97 Resp: 1639

Ion Ratio Lower Upper

97 100

83 69.2 68.9 103.3

85 40.8 44.0 66.0

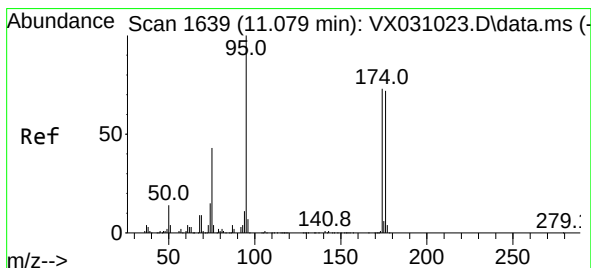
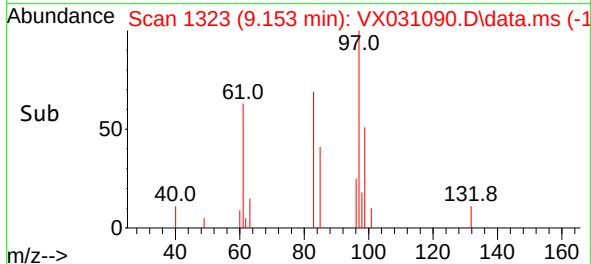
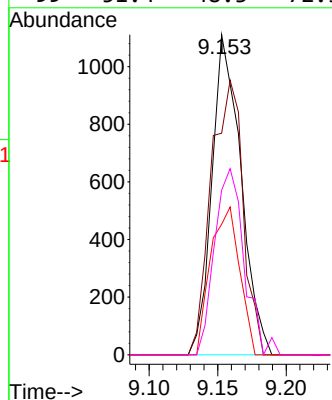
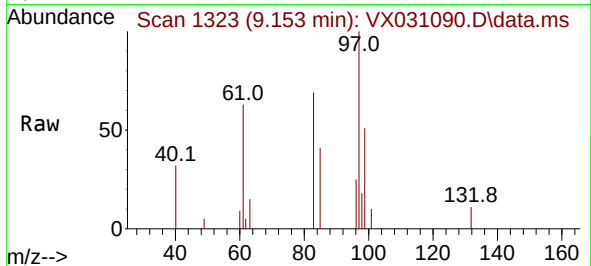
99 51.4 48.3 72.5

Manual Integrations

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Reviewed By :John Carlone 09/06/2022

Supervised By :Mahesh Dadoda 09/06/2022



#62

4-Bromofluorobenzene

Concen: 50.495 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX031090.D

Acq: 03 Sep 2022 18:13

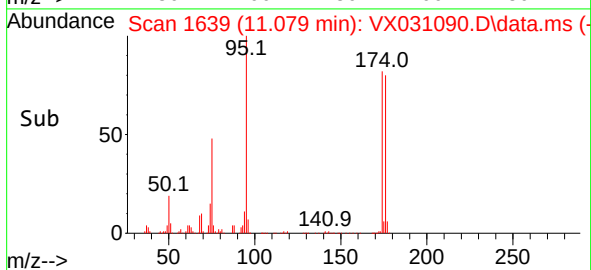
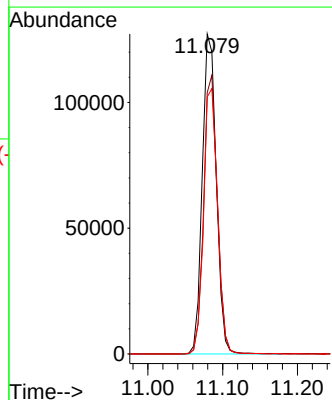
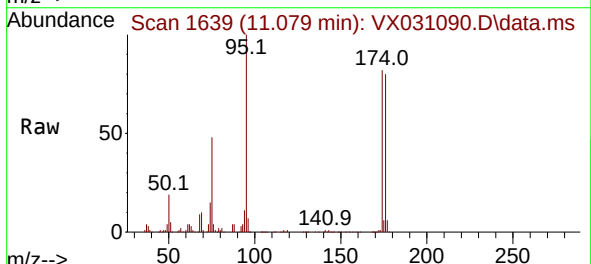
Tgt Ion: 95 Resp: 165323

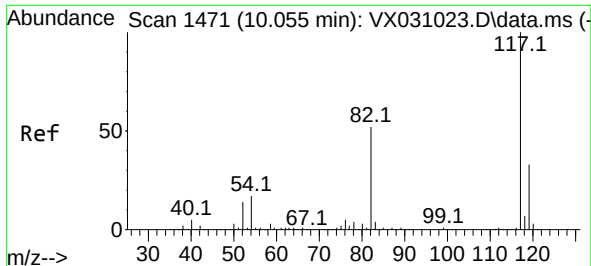
Ion Ratio Lower Upper

95 100

174 85.3 0.0 149.0

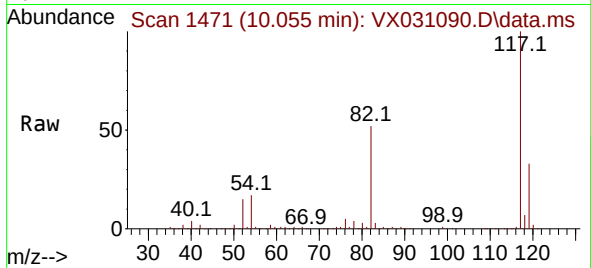
176 83.3 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031090.D
Acq: 03 Sep 2022 18:13

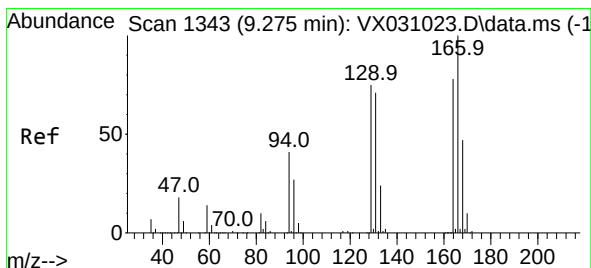
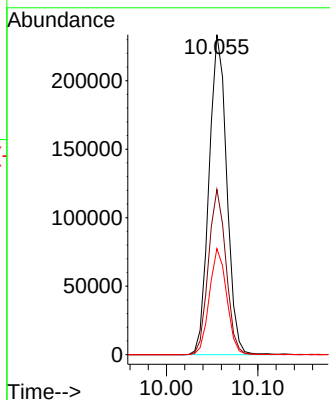
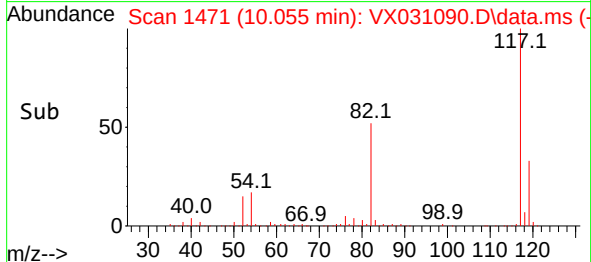
Instrument :
MSVOA_X
ClientSampleId :
RE137-20220823



Tgt Ion:117 Resp: 313964
Ion Ratio Lower Upper
117 100
82 51.7 42.7 64.1
119 33.2 25.4 38.2

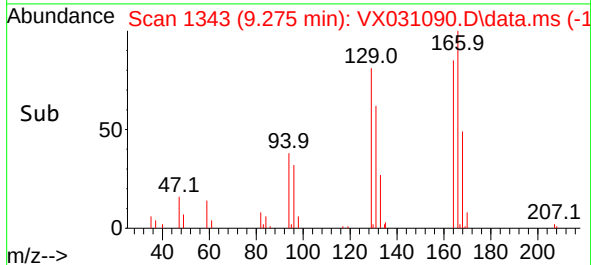
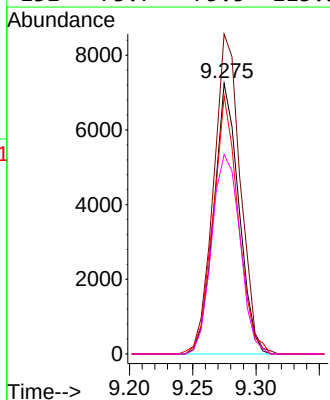
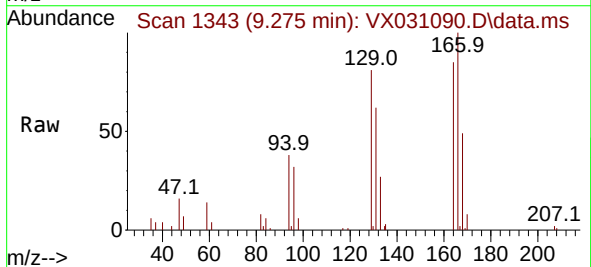
Manual Integrations
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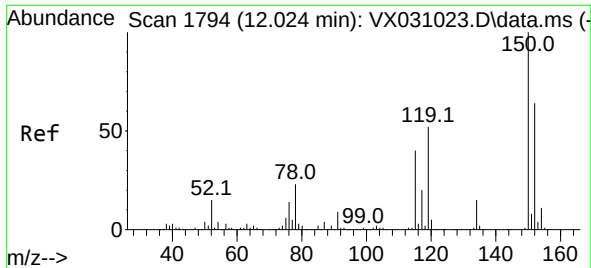
Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/06/2022



#64
Tetrachloroethene
Concen: 3.176 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031090.D
Acq: 03 Sep 2022 18:13

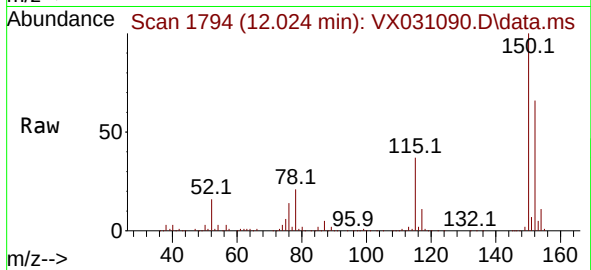
Tgt Ion:164 Resp: 9957
Ion Ratio Lower Upper
164 100
166 118.2 98.2 147.4
129 95.4 80.8 121.2
131 73.7 75.5 113.3#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031090.D
 Acq: 03 Sep 2022 18:13

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-20220823



Tgt Ion:152 Resp: 145609
 Ion Ratio Lower Upper
 152 100
 115 60.0 40.5 121.5
 150 152.1 0.0 347.0

Manual Integrations
 APPROVED

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

