

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082722\
 Data File : VX030881.D
 Acq On : 27 Aug 2022 19:24
 Operator : JC/MD
 Sample : N4297-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20220821

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/29/2022
 Supervised By :Mahesh Dadoda 08/29/2022

Quant Time: Aug 29 01:11:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	196732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	338200	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	297334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123378	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	134140	57.967	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.940%			
35) Dibromofluoromethane	5.397	113	107598	51.767	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.540%			
50) Toluene-d8	8.653	98	402881	55.624	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.240%			
62) 4-Bromofluorobenzene	11.085	95	127676	47.348	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.700%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	857	0.470	ug/l	96
7) Trichlorofluoromethane	1.892	101	690	0.229	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	466620	243.559	ug/l	98
12) 1,1-Dichloroethene	2.318	96	5290	2.966	ug/l	95
22) Diisopropyl ether	3.776	45	2155	0.325	ug/l #	77
24) 1,1-Dichloroethane	3.623	63	1933	0.515	ug/l #	92
27) cis-1,2-Dichloroethene	4.495	96	14046	5.935	ug/l	97
30) Chloroform	5.111	83	1773m	0.448	ug/l	
42) 1,2-Dichloroethane	6.104	62	1310	0.436	ug/l	78
44) Trichloroethene	7.129	130	385165	157.437	ug/l	95
64) Tetrachloroethene	9.275	164	38275	16.342	ug/l	98

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

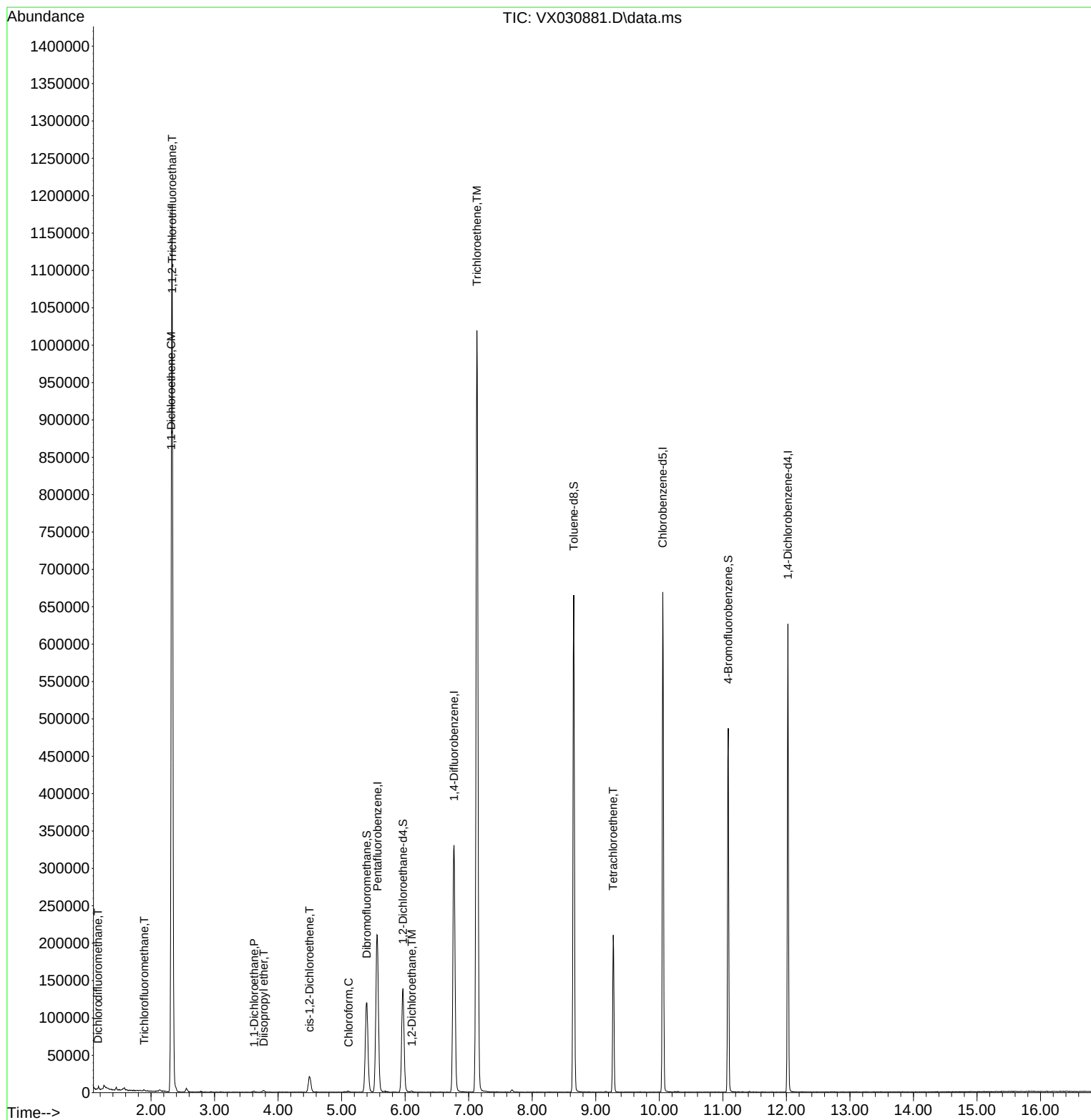
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082722\
Data File : VX030881.D
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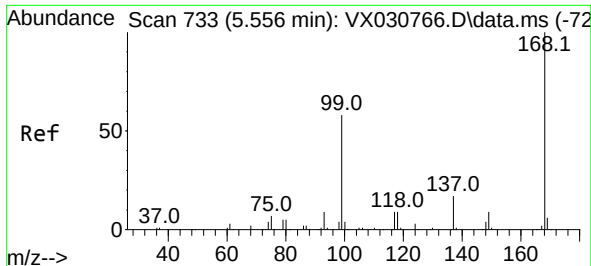
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20220821

Quant Time: Aug 29 01:11:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

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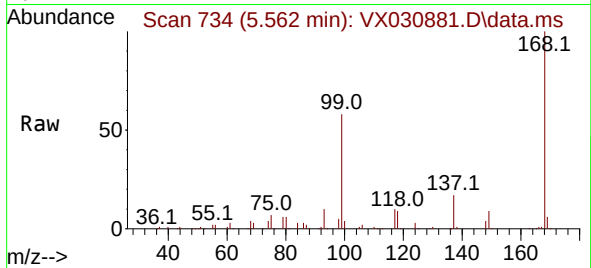
Reviewed By :Krupa Patel 08/29/2022
Supervised By :Mahesh Dadoda 08/29/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030881.D
Acq: 27 Aug 2022 19:24

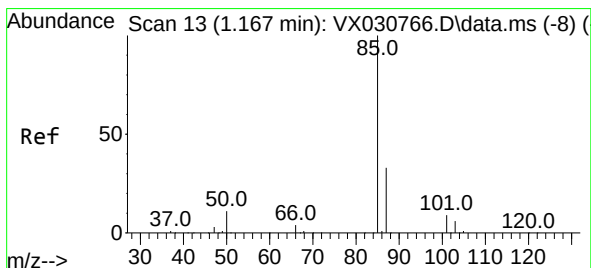
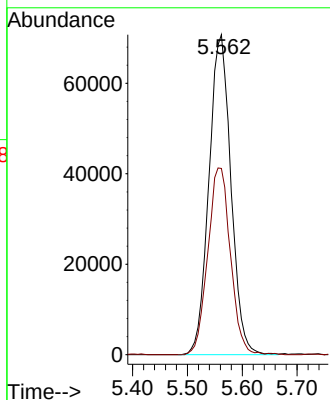
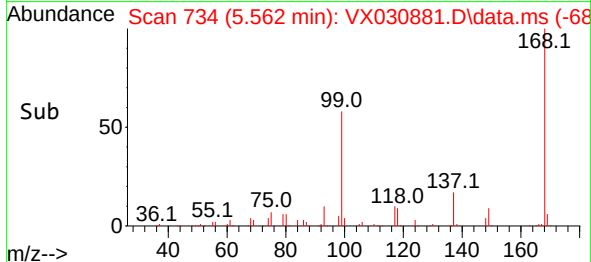
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20220821



Tgt Ion:168 Resp: 196732
Ion Ratio Lower Upper
168 100
99 58.2 44.0 66.0

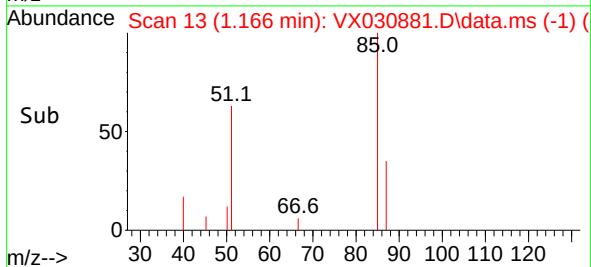
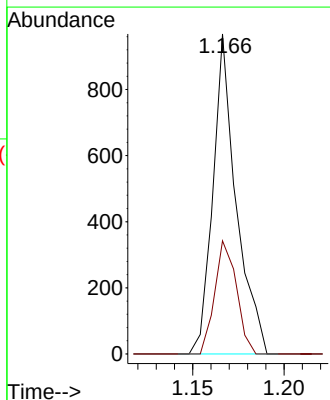
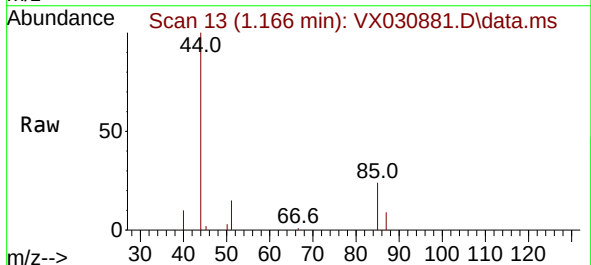
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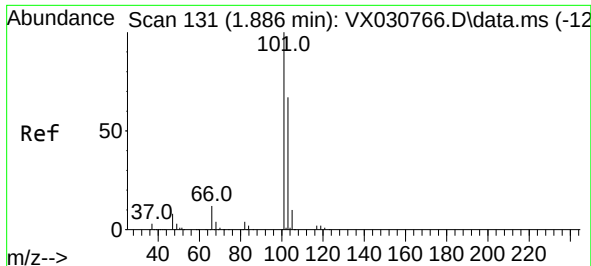
Reviewed By :Krupa Patel 08/29/2022
Supervised By :Mahesh Dadoda 08/29/2022



#2
Dichlorodifluoromethane
Concen: 0.470 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX030881.D
Acq: 27 Aug 2022 19:24

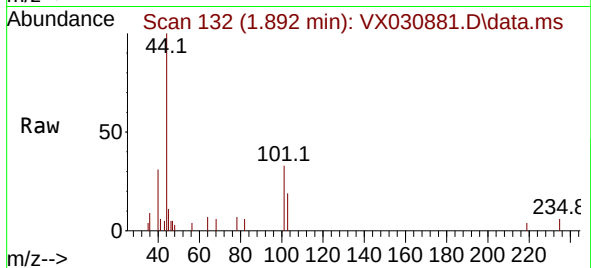
Tgt Ion: 85 Resp: 857
Ion Ratio Lower Upper
85 100
87 35.3 16.5 49.5





#7
 Trichlorofluoromethane
 Concen: 0.229 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX030881.D
 Acq: 27 Aug 2022 19:24

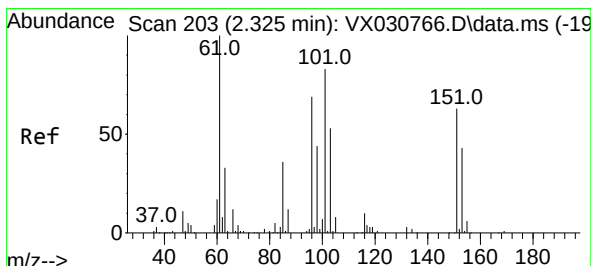
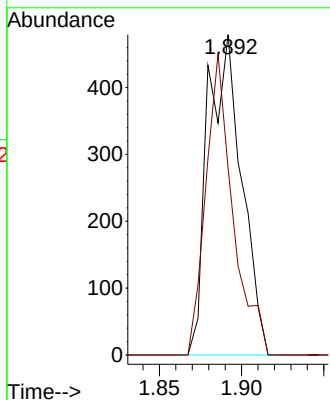
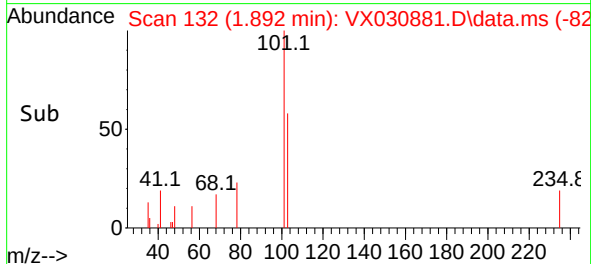
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20220821



Tgt Ion:101 Resp: 690
 Ion Ratio Lower Upper
 101 100
 103 58.2 49.7 74.5

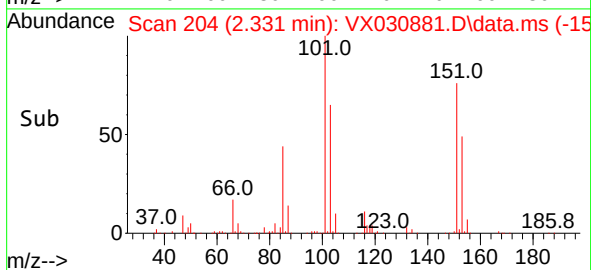
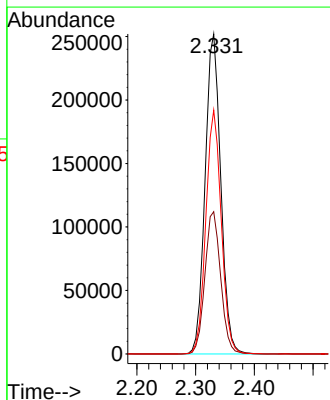
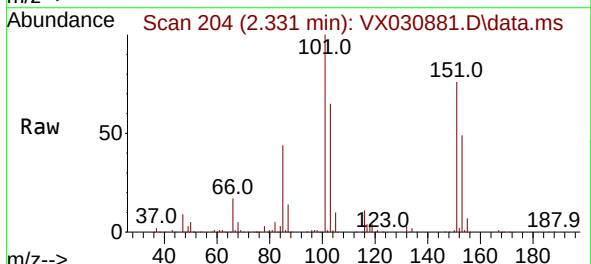
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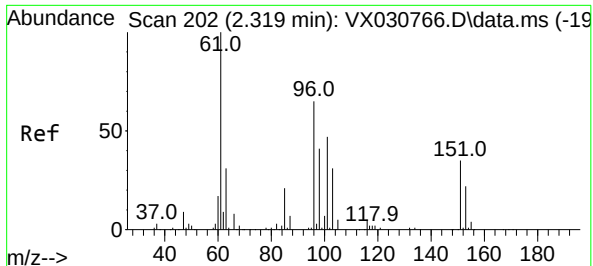
Reviewed By :Krupa Patel 08/29/2022
 Supervised By :Mahesh Dadoda 08/29/2022



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 243.559 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.006 min
 Lab File: VX030881.D
 Acq: 27 Aug 2022 19:24

Tgt Ion:101 Resp: 466620
 Ion Ratio Lower Upper
 101 100
 85 44.9 34.0 51.0
 151 75.1 59.4 89.0





#12

1,1-Dichloroethene

Concen: 2.966 ug/l

RT: 2.318 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX030881.D

Acq: 27 Aug 2022 19:24

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20220821

Tgt Ion: 96 Resp: 5290

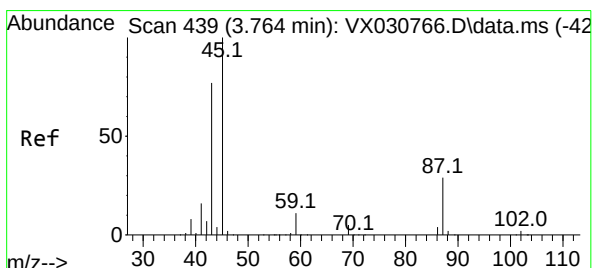
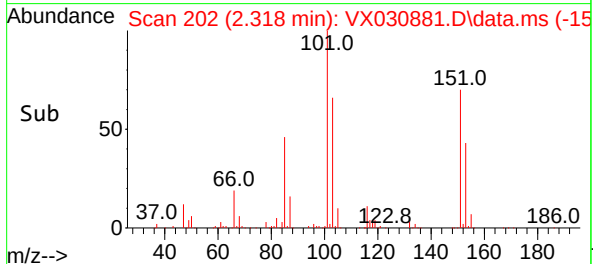
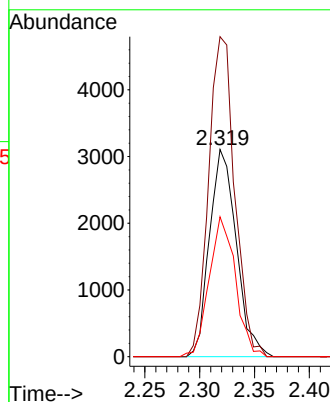
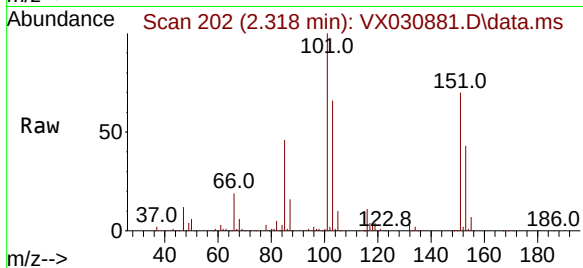
Ion	Ratio	Lower	Upper
96	100		
61	154.4	117.4	176.0
98	67.5	52.2	78.4

Manual Integrations

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Reviewed By :Krupa Patel 08/29/2022

Supervised By :Mahesh Dadoda 08/29/2022



#22

Diisopropyl ether

Concen: 0.325 ug/l

RT: 3.776 min Scan# 441

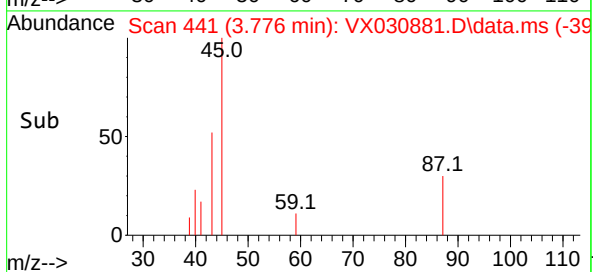
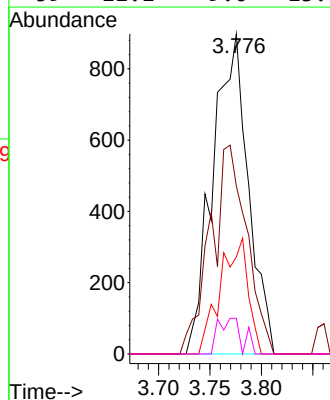
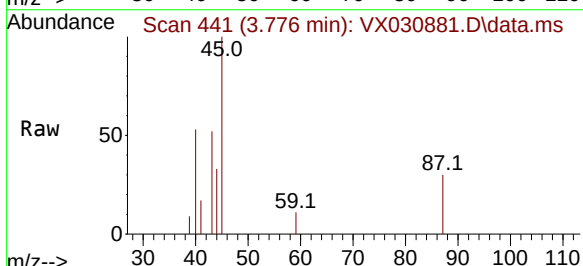
Delta R.T. 0.012 min

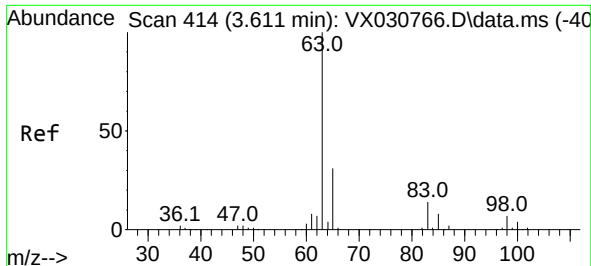
Lab File: VX030881.D

Acq: 27 Aug 2022 19:24

Tgt Ion: 45 Resp: 2155

Ion	Ratio	Lower	Upper
45	100		
43	52.4	65.4	98.0
87	30.3	22.3	33.5
59	11.1	9.0	13.4





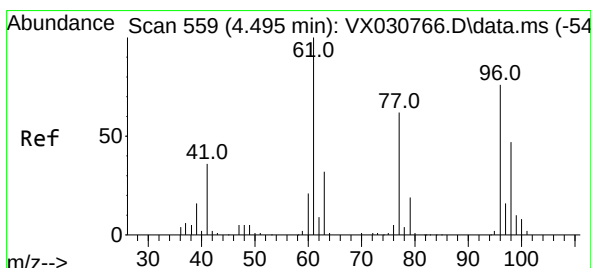
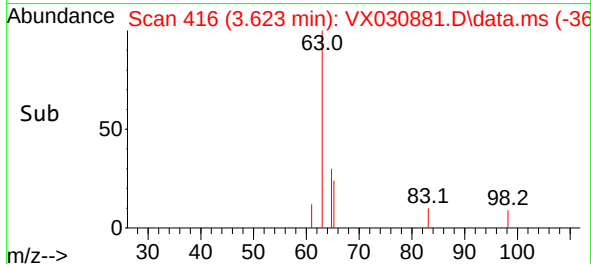
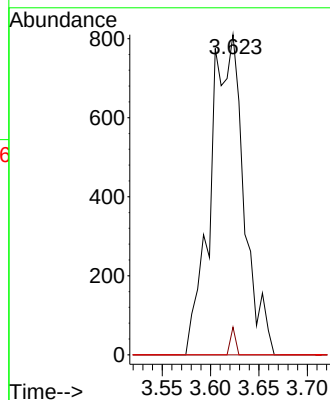
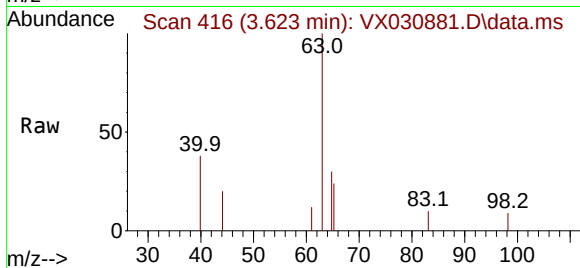
#24
 1,1-Dichloroethane
 Concen: 0.515 ug/l
 RT: 3.623 min Scan# 414
 Delta R.T. 0.012 min
 Lab File: VX030881.D
 Acq: 27 Aug 2022 19:24

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20220821

Tgt Ion: 63 Resp: 193
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.5 10.5
 100 0.0 2.3 6.9

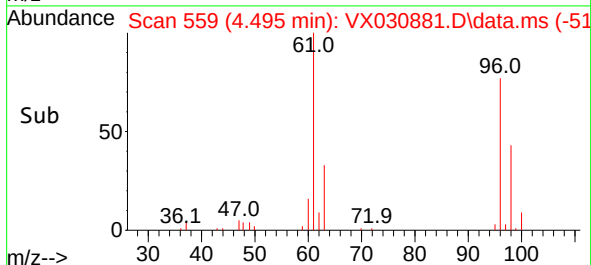
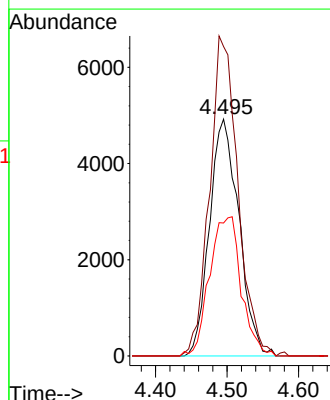
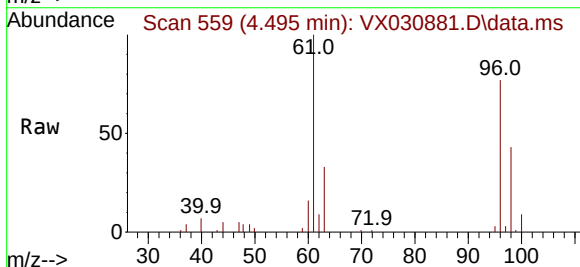
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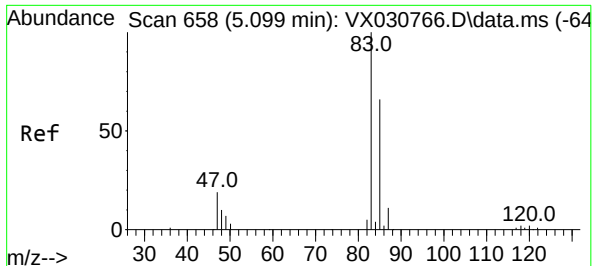
Reviewed By :Krupa Patel 08/29/2022
 Supervised By :Mahesh Dadoda 08/29/2022



#27
 cis-1,2-Dichloroethene
 Concen: 5.935 ug/l
 RT: 4.495 min Scan# 559
 Delta R.T. -0.000 min
 Lab File: VX030881.D
 Acq: 27 Aug 2022 19:24

Tgt Ion: 96 Resp: 14046
 Ion Ratio Lower Upper
 96 100
 61 129.8 0.0 270.0
 98 63.3 0.0 127.8





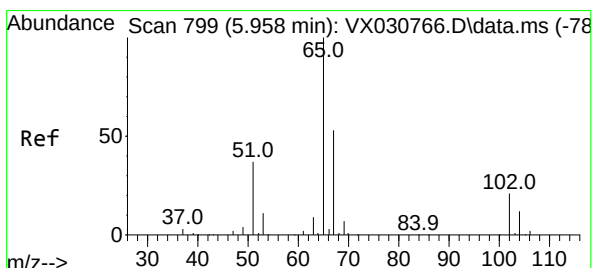
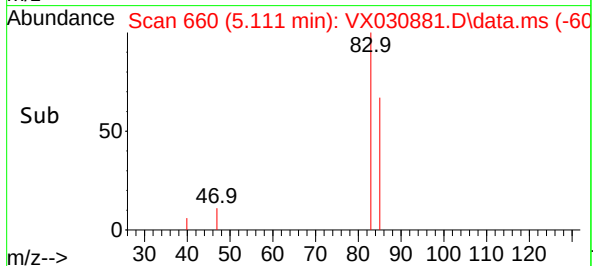
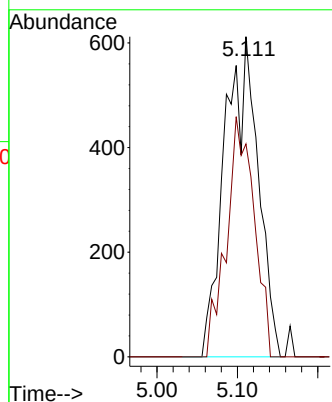
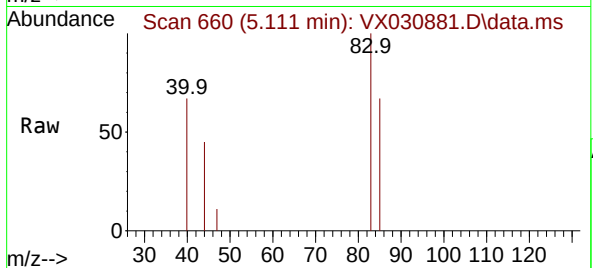
#30
Chloroform
Concen: 0.448 ug/l m
RT: 5.111 min Scan# 60
Delta R.T. 0.012 min
Lab File: VX030881.D
Acq: 27 Aug 2022 19:24

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20220821

Tgt Ion: 83 Resp: 177
Ion Ratio Lower Upper
83 100
85 66.5 51.5 77.3

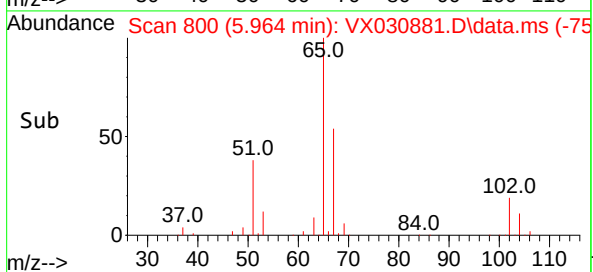
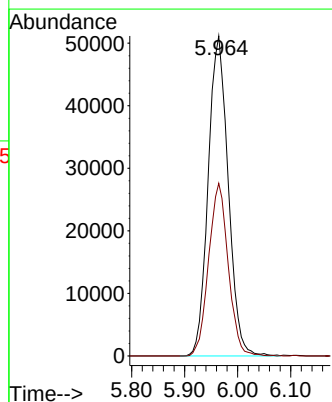
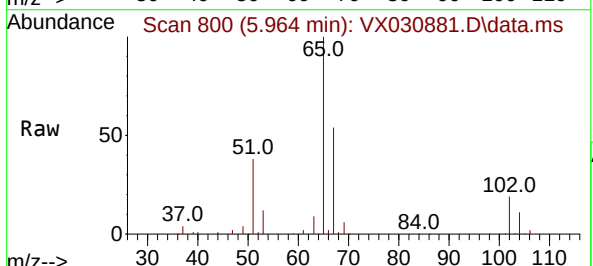
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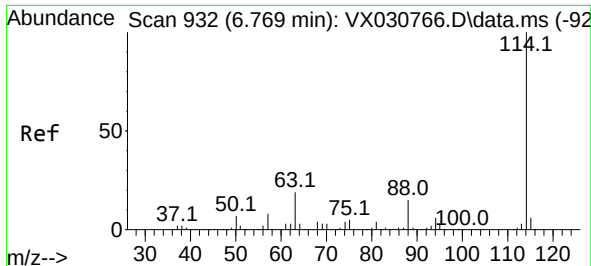
Reviewed By :Krupa Patel 08/29/2022
Supervised By :Mahesh Dadoda 08/29/2022



#33
1,2-Dichloroethane-d4
Concen: 57.967 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030881.D
Acq: 27 Aug 2022 19:24

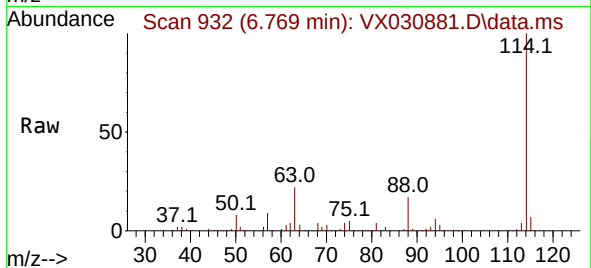
Tgt Ion: 65 Resp: 134140
Ion Ratio Lower Upper
65 100
67 52.9 0.0 109.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX030881.D
Acq: 27 Aug 2022 19:24

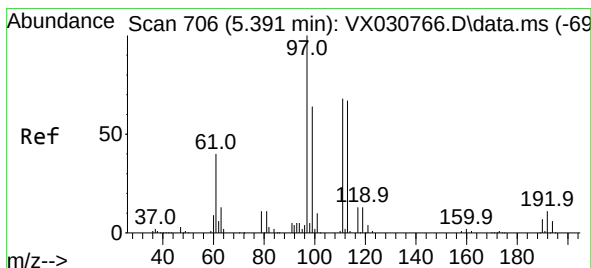
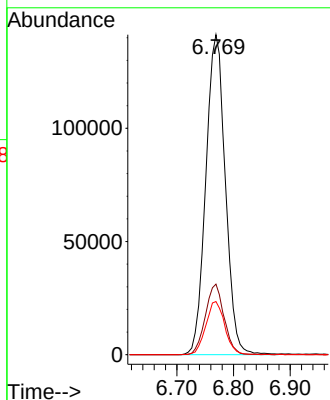
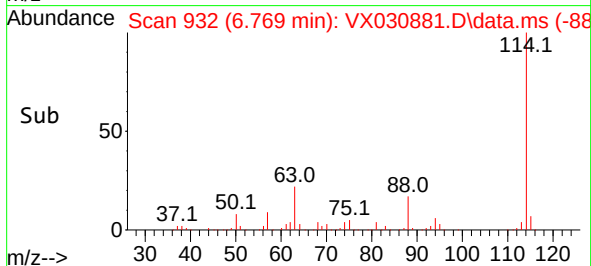
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20220821



Tgt Ion:114 Resp: 338200
Ion Ratio Lower Upper
114 100
63 22.1 0.0 38.4
88 16.6 0.0 31.8

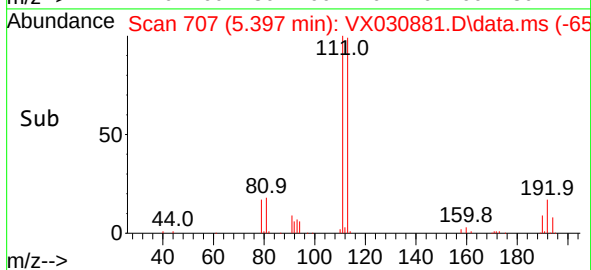
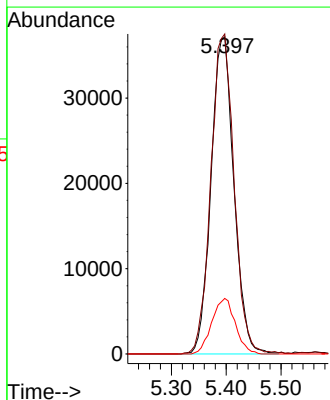
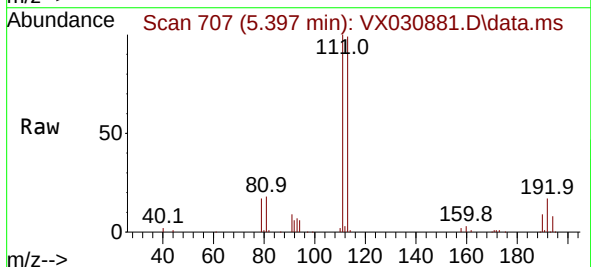
Manual Integrations
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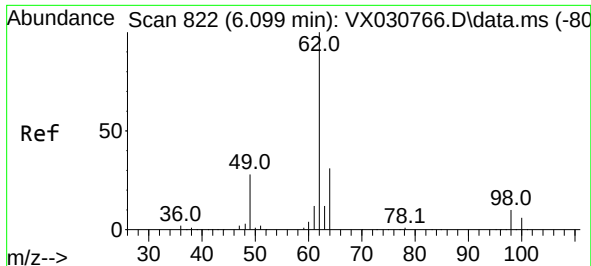
Reviewed By :Krupa Patel 08/29/2022
Supervised By :Mahesh Dadoda 08/29/2022



#35
Dibromofluoromethane
Concen: 51.767 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX030881.D
Acq: 27 Aug 2022 19:24

Tgt Ion:113 Resp: 107598
Ion Ratio Lower Upper
113 100
111 102.7 83.2 124.8
192 18.0 14.8 22.2





#42

1,2-Dichloroethane

Concen: 0.436 ug/l

RT: 6.104 min Scan# 81

Delta R.T. 0.005 min

Lab File: VX030881.D

Acq: 27 Aug 2022 19:24

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20220821

Tgt Ion: 62 Resp: 1310

Ion Ratio Lower Upper

62 100

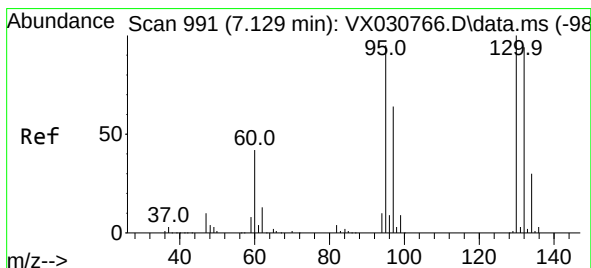
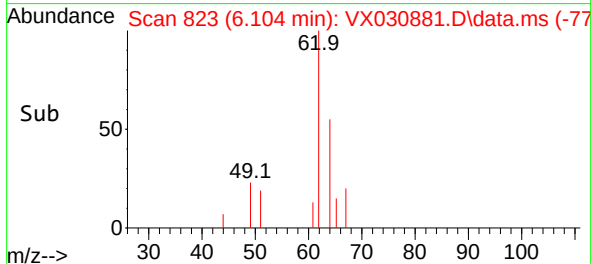
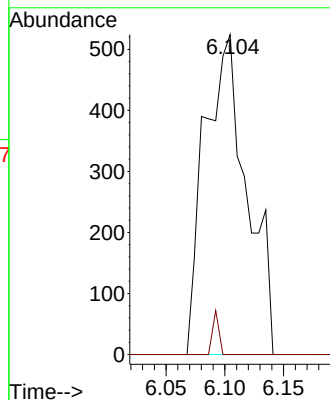
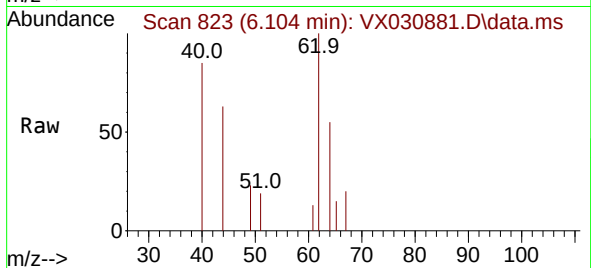
98 2.0 0.0 20.2

Manual Integrations

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Reviewed By :Krupa Patel 08/29/2022

Supervised By :Mahesh Dadoda 08/29/2022



#44

Trichloroethene

Concen: 157.437 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX030881.D

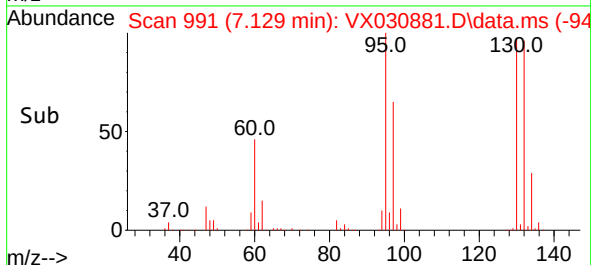
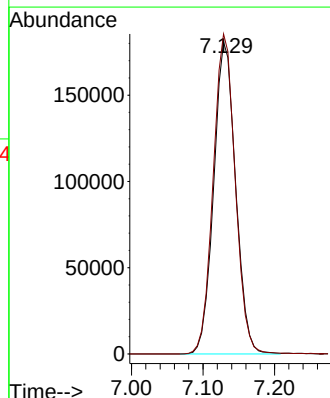
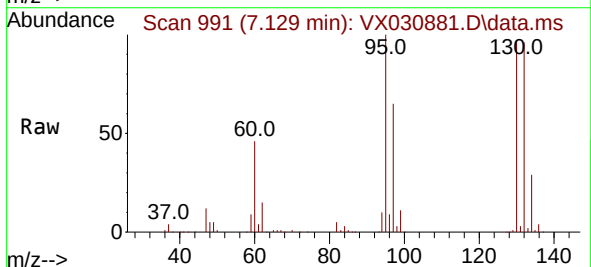
Acq: 27 Aug 2022 19:24

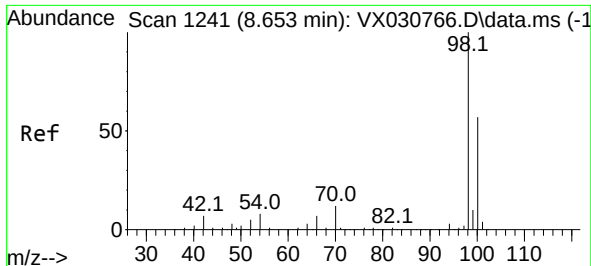
Tgt Ion:130 Resp: 385165

Ion Ratio Lower Upper

130 100

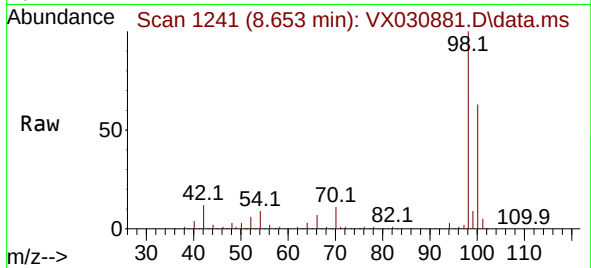
95 102.6 0.0 194.8





#50
Toluene-d8
Concen: 55.624 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030881.D
Acq: 27 Aug 2022 19:24

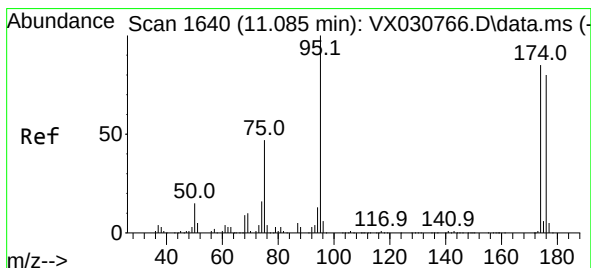
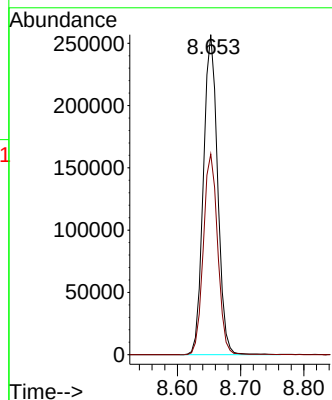
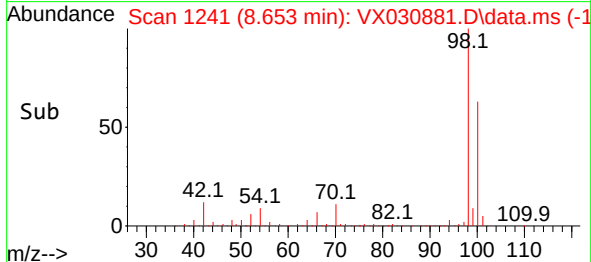
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20220821



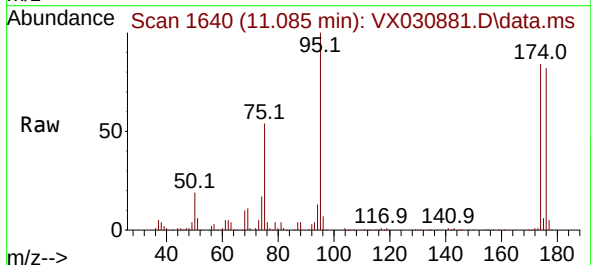
Tgt Ion: 98 Resp: 40288
Ion Ratio Lower Upper
98 100
100 62.9 52.3 78.5

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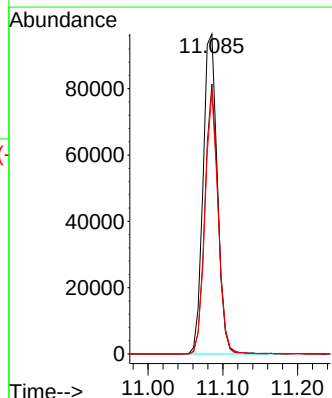
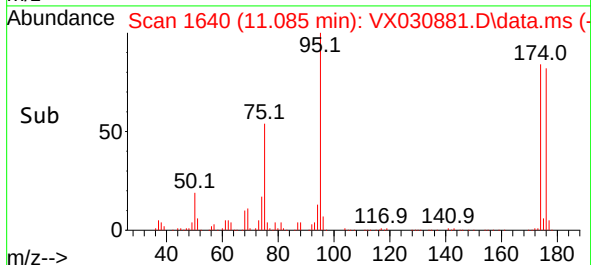
Reviewed By :Krupa Patel 08/29/2022
Supervised By :Mahesh Dadoda 08/29/2022

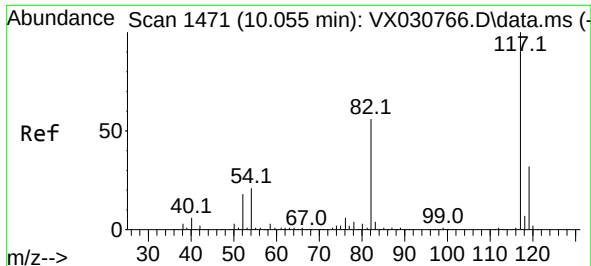


#62
4-Bromofluorobenzene
Concen: 47.348 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030881.D
Acq: 27 Aug 2022 19:24



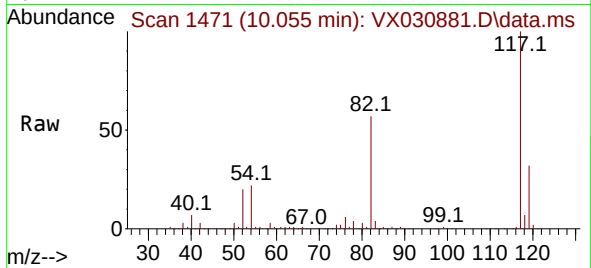
Tgt Ion: 95 Resp: 127676
Ion Ratio Lower Upper
95 100
174 78.4 0.0 149.0
176 75.1 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030881.D
Acq: 27 Aug 2022 19:24

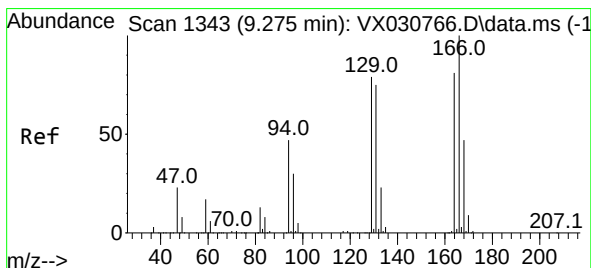
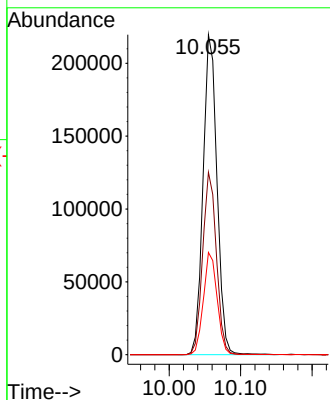
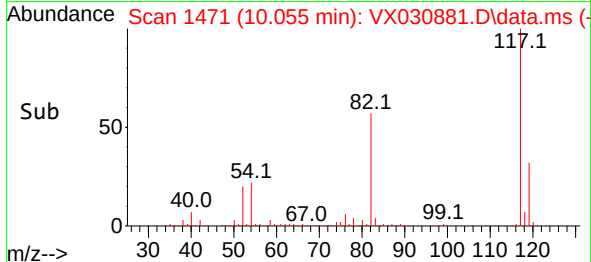
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20220821



Tgt Ion:117 Resp: 297334
Ion Ratio Lower Upper
117 100
82 57.0 42.7 64.1
119 32.0 25.4 38.2

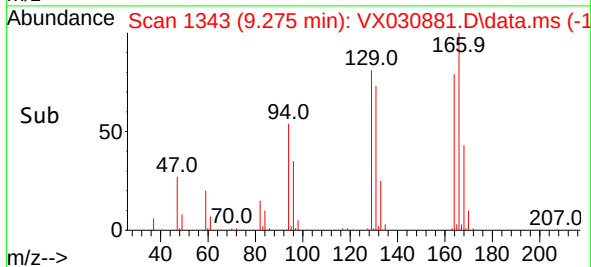
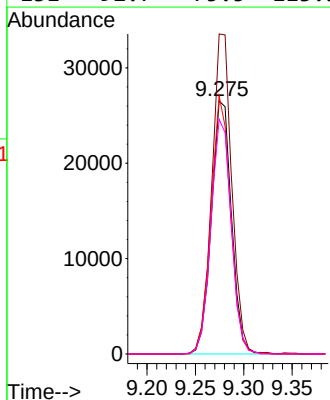
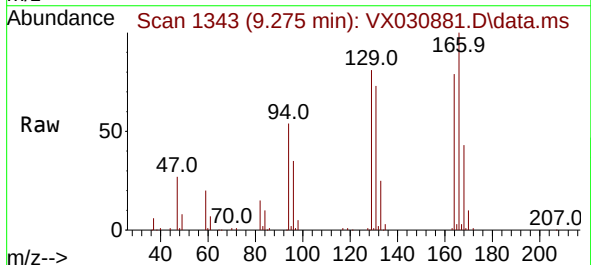
Manual Integrations
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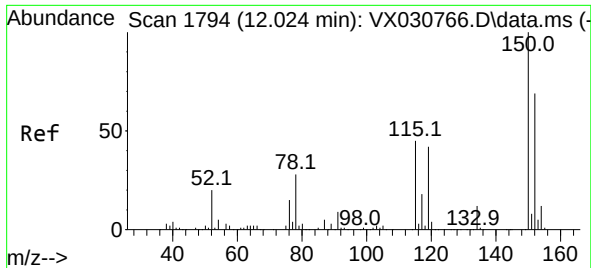
Reviewed By :Krupa Patel 08/29/2022
Supervised By :Mahesh Dadoda 08/29/2022



#64
Tetrachloroethene
Concen: 16.342 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030881.D
Acq: 27 Aug 2022 19:24

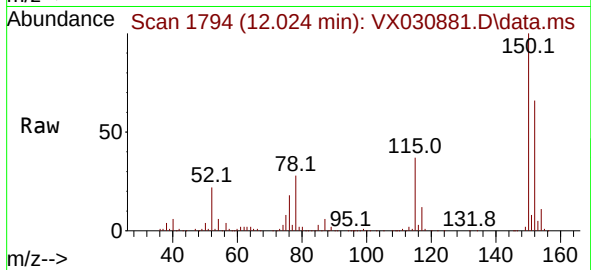
Tgt Ion:164 Resp: 38275
Ion Ratio Lower Upper
164 100
166 126.4 98.2 147.4
129 101.9 80.8 121.2
131 92.7 75.5 113.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030881.D
 Acq: 27 Aug 2022 19:24

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20220821



Tgt Ion:152 Resp: 123378
 Ion Ratio Lower Upper
 152 100
 115 59.2 40.5 121.5
 150 155.3 0.0 347.0

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/29/2022
 Supervised By :Mahesh Dadoda 08/29/2022

