

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034496.D
 Acq On : 15 Mar 2023 10:08
 Operator : JC/MD
 Sample : 01903-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20230312

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023

Quant Time: Mar 15 14:23:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	243620	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	415218	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	368516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	157789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	163508	46.134	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.260%		
35) Dibromofluoromethane	5.385	113	128825	46.991	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.980%		
50) Toluene-d8	8.647	98	503727	49.221	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.440%		
62) 4-Bromofluorobenzene	11.079	95	191510	46.328	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.660%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	494	0.218	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.331	101	9577	3.537	ug/l	96
12) 1,1-Dichloroethene	2.319	96	2471	0.927	ug/l	89
19) Methyl tert-butyl Ether	3.111	73	10534	1.103	ug/l	95
24) 1,1-Dichloroethane	3.611	63	3162	0.571	ug/l #	93
27) cis-1,2-Dichloroethene	4.489	96	12815	3.759	ug/l	89
30) Chloroform	5.093	83	6057	1.115	ug/l	99
44) Trichloroethene	7.123	130	750330	234.440	ug/l	98
49) 1,4-Dioxane	7.671	88	2613m	33.193	ug/l	
64) Tetrachloroethene	9.275	164	45008	18.182	ug/l	97

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

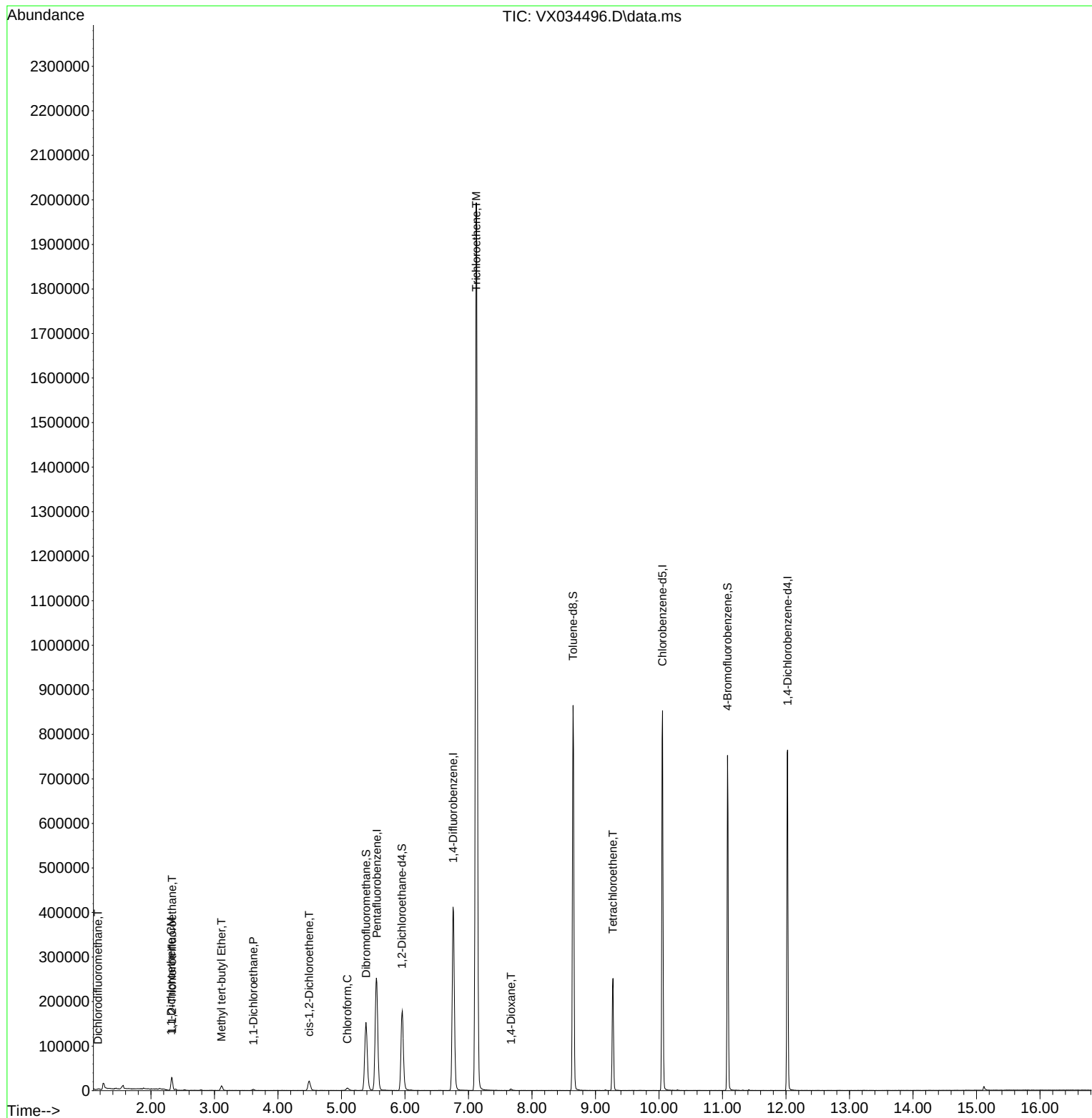
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
Data File : VX034496.D
Acq On : 15 Mar 2023 10:08
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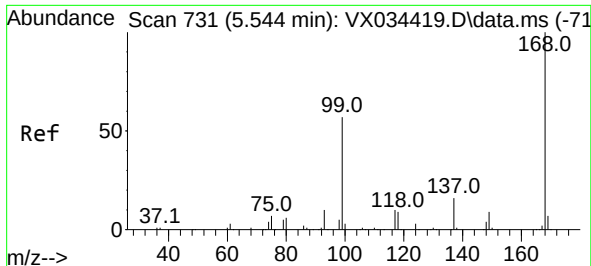
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20230312

Quant Time: Mar 15 14:23:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

Manual Integrations
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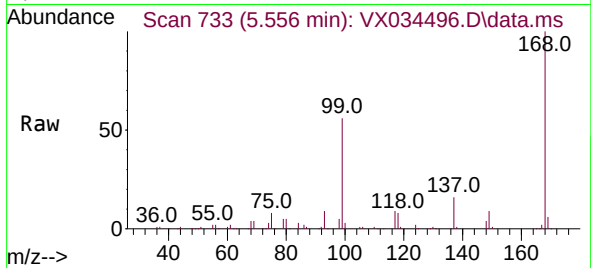
Reviewed By :Krupa Patel 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX034496.D
Acq: 15 Mar 2023 10:08

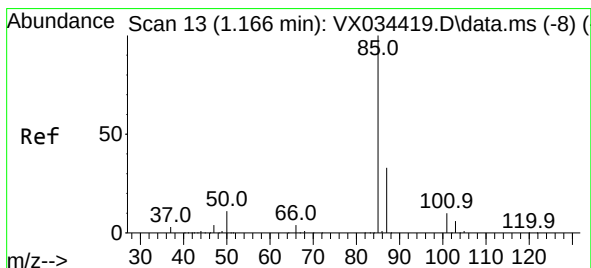
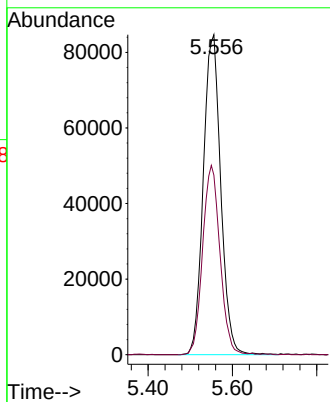
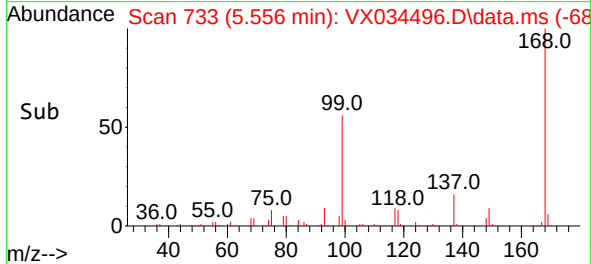
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20230312



Tgt Ion:168 Resp: 243620
Ion Ratio Lower Upper
168 100
99 56.1 45.7 68.5

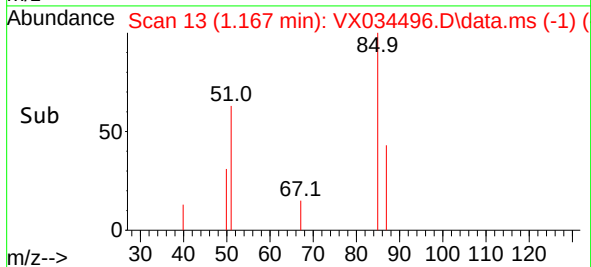
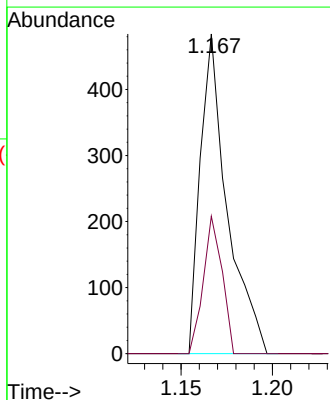
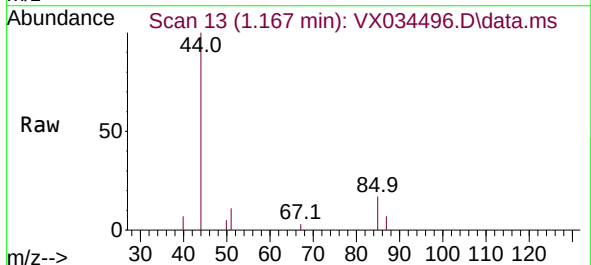
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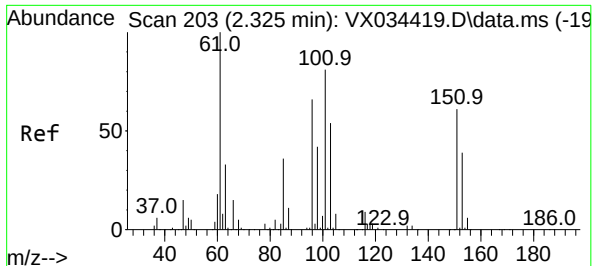
Reviewed By :Krupa Patel 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#2
Dichlorodifluoromethane
Concen: 0.218 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX034496.D
Acq: 15 Mar 2023 10:08

Tgt Ion: 85 Resp: 494
Ion Ratio Lower Upper
85 100
87 43.0 16.4 49.1





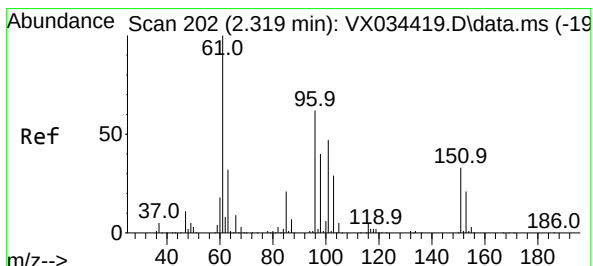
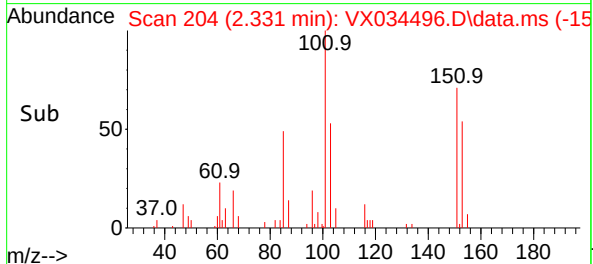
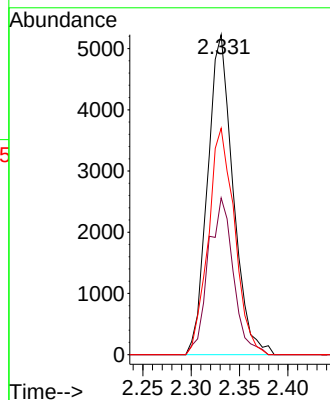
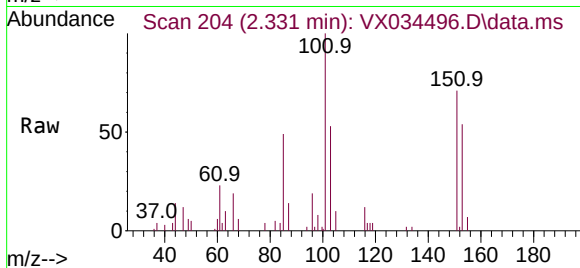
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.537 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX034496.D
Acq: 15 Mar 2023 10:08

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20230312

Tgt Ion:101 Resp: 957
Ion Ratio Lower Upper
101 100
85 48.1 35.4 53.2
151 72.9 60.2 90.4

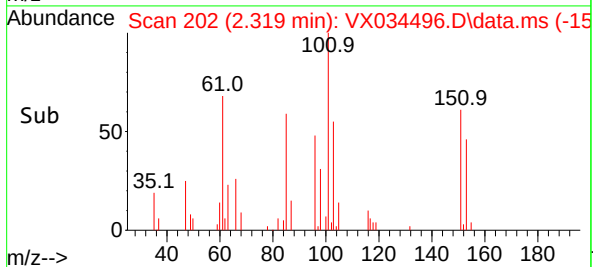
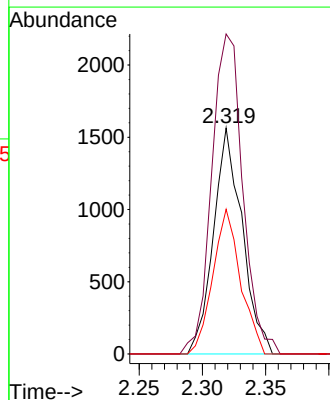
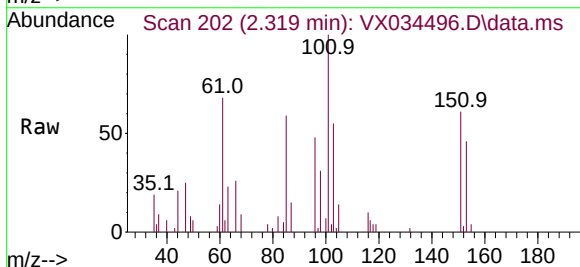
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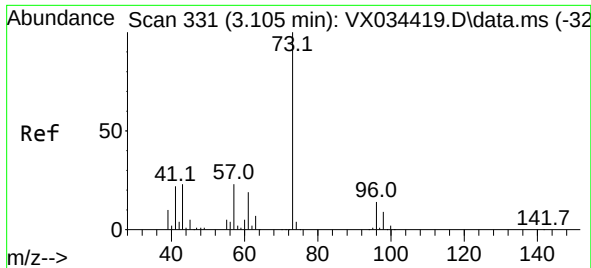
Reviewed By :Krupa Patel 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#12
1,1-Dichloroethene
Concen: 0.927 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034496.D
Acq: 15 Mar 2023 10:08

Tgt Ion: 96 Resp: 2471
Ion Ratio Lower Upper
96 100
61 141.6 128.8 193.2
98 64.1 51.4 77.0





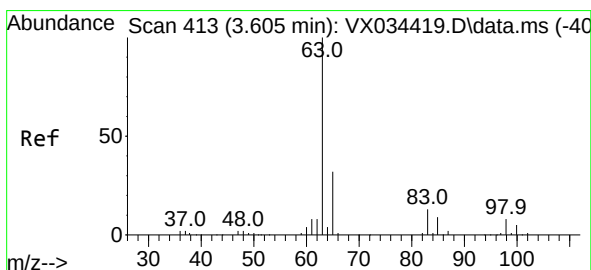
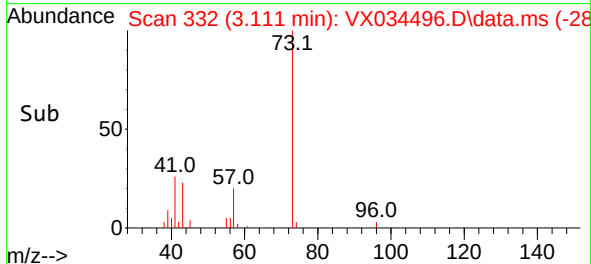
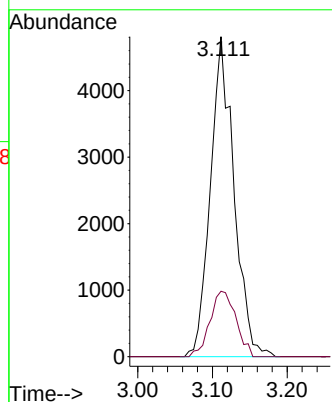
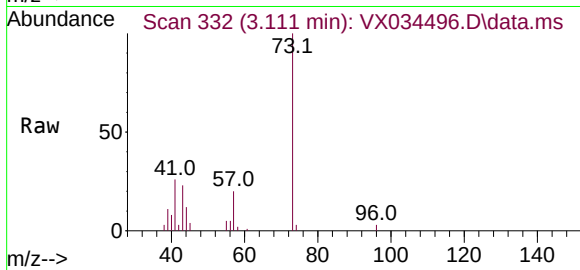
#19
Methyl tert-butyl Ether
Concen: 1.103 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034496.D
Acq: 15 Mar 2023 10:08

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20230312

Tgt Ion: 73 Resp: 10534
Ion Ratio Lower Upper
73 100
57 20.5 18.5 27.7

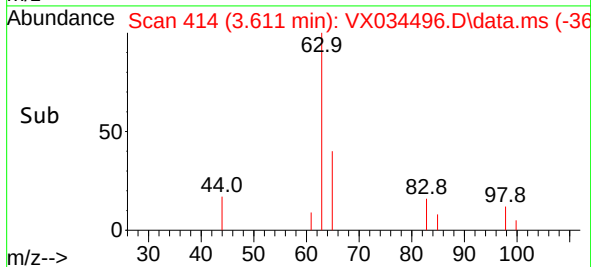
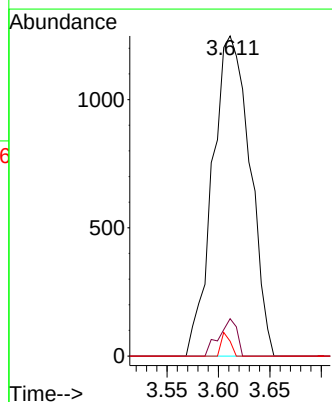
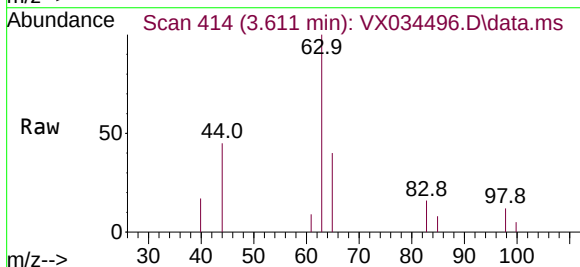
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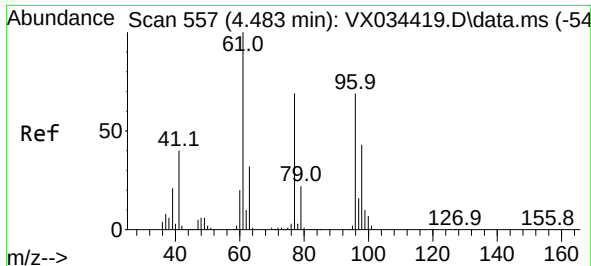
Reviewed By :Krupa Patel 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#24
1,1-Dichloroethane
Concen: 0.571 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX034496.D
Acq: 15 Mar 2023 10:08

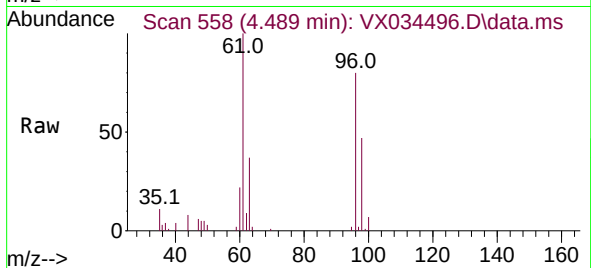
Tgt Ion: 63 Resp: 3162
Ion Ratio Lower Upper
63 100
98 11.7 3.8 11.2#
100 4.6 2.4 7.1





#27
cis-1,2-Dichloroethene
Concen: 3.759 ug/l
RT: 4.489 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX034496.D
Acq: 15 Mar 2023 10:08

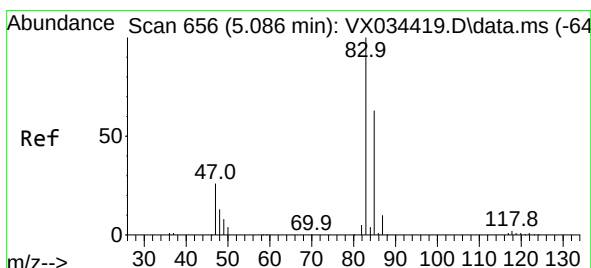
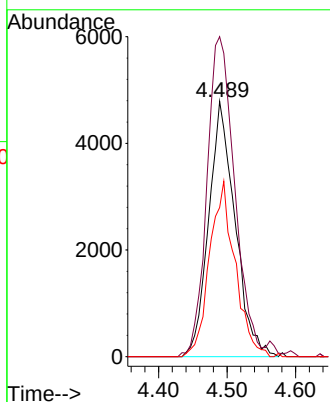
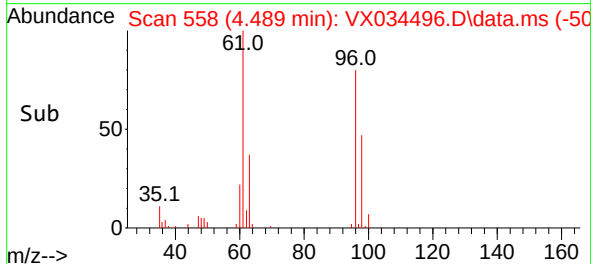
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20230312



Tgt Ion: 96 Resp: 1281
Ion Ratio Lower Upper
96 100
61 131.5 0.0 300.4
98 66.2 0.0 129.0

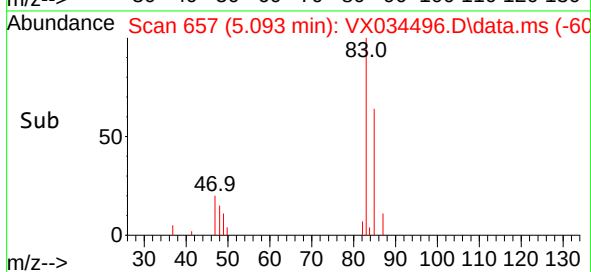
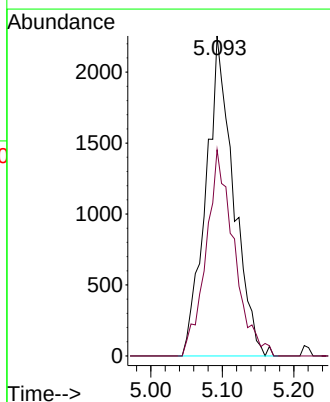
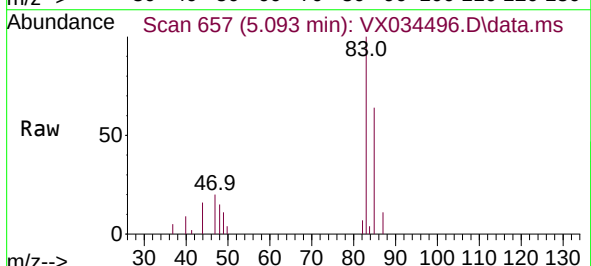
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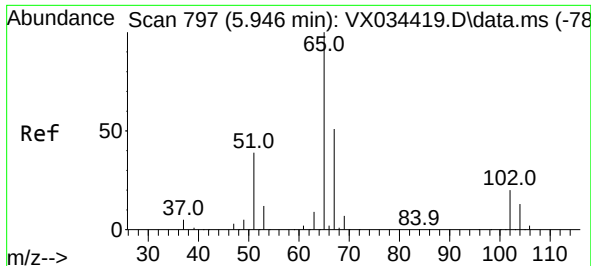
Reviewed By :Krupa Patel 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#30
Chloroform
Concen: 1.115 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX034496.D
Acq: 15 Mar 2023 10:08

Tgt Ion: 83 Resp: 6057
Ion Ratio Lower Upper
83 100
85 64.4 50.6 76.0





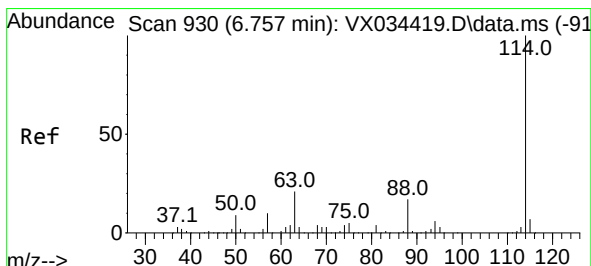
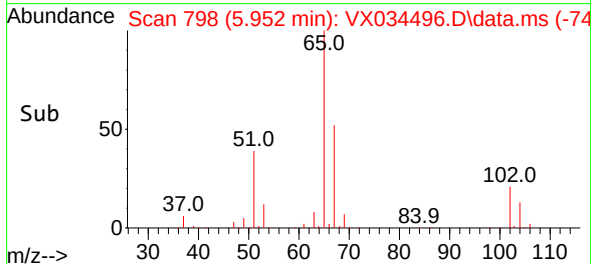
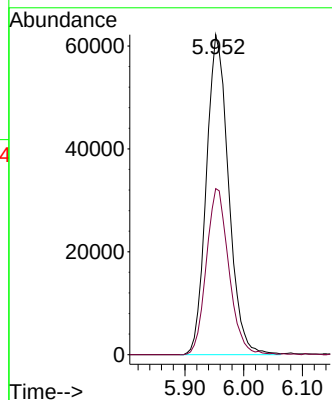
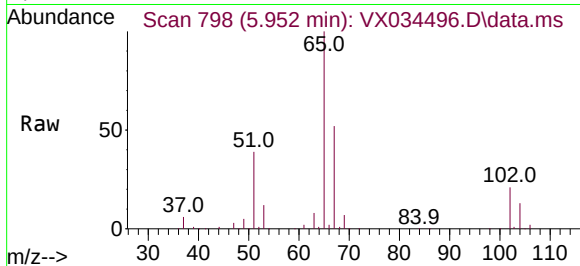
#33
1,2-Dichloroethane-d4
Concen: 46.134 ug/l
RT: 5.952 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX034496.D
Acq: 15 Mar 2023 10:08

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20230312

Tgt Ion: 65 Resp: 163508
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.0

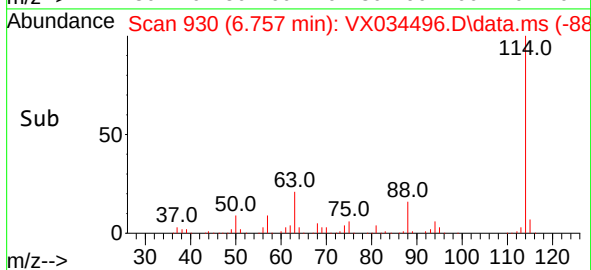
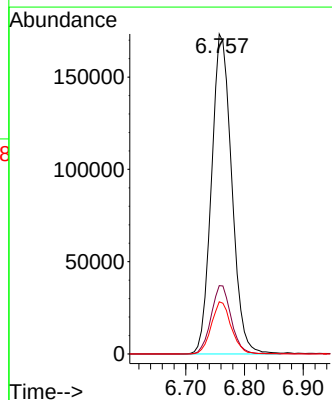
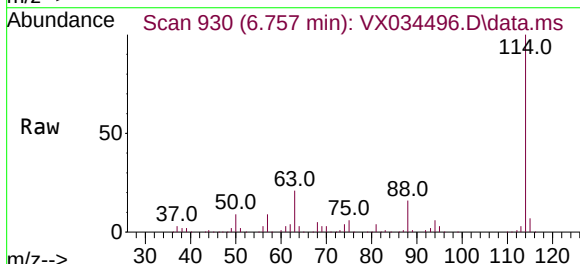
Manual Integrations
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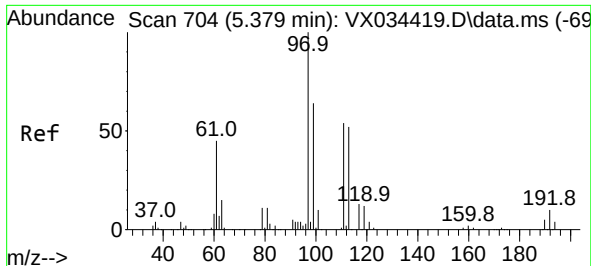
Reviewed By :Krupa Patel 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX034496.D
Acq: 15 Mar 2023 10:08

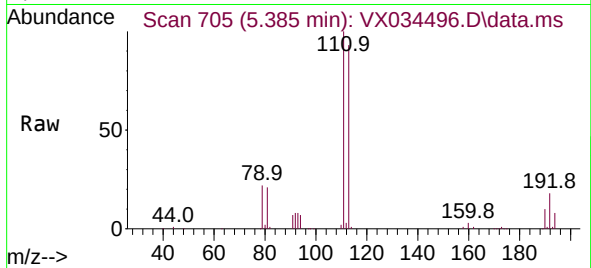
Tgt Ion:114 Resp: 415218
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.2
88 16.3 0.0 33.2





#35
Dibromofluoromethane
Concen: 46.991 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034496.D
Acq: 15 Mar 2023 10:08

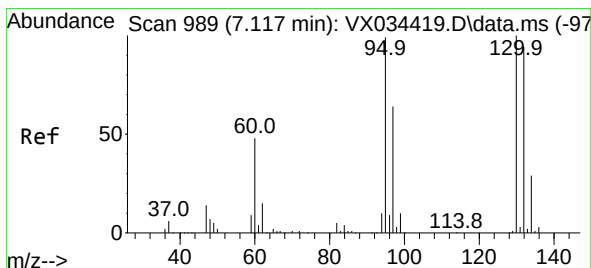
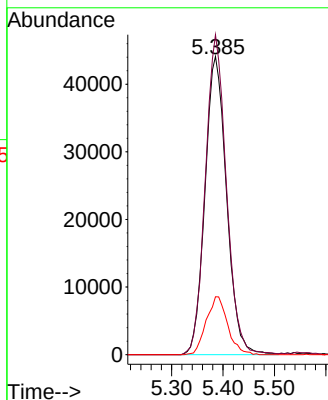
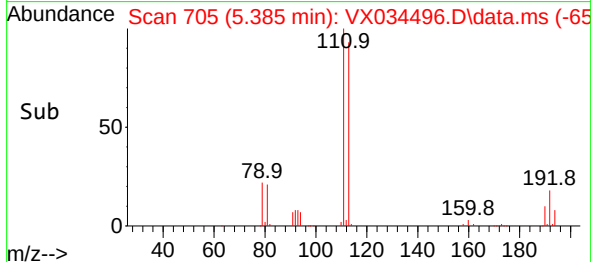
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20230312



Tgt Ion:113 Resp: 128825
Ion Ratio Lower Upper
113 100
111 104.7 83.7 125.5
192 19.3 15.4 23.2

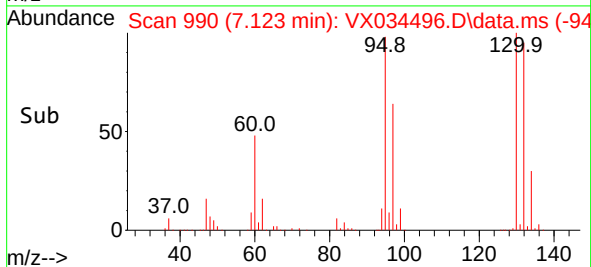
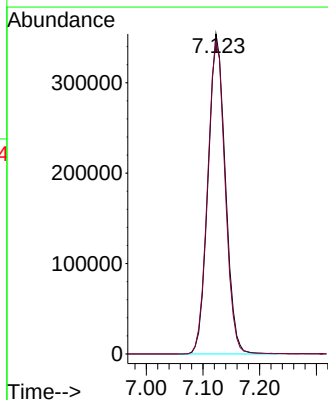
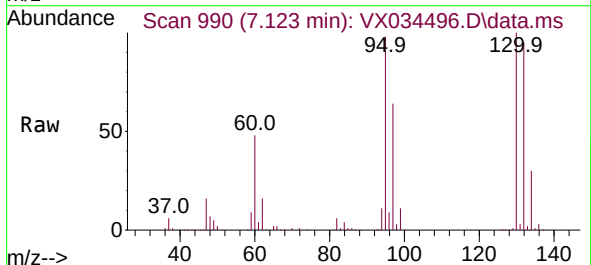
Manual Integrations
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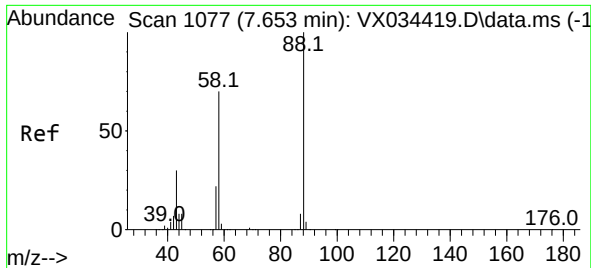
Reviewed By :Krupa Patel 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#44
Trichloroethene
Concen: 234.440 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX034496.D
Acq: 15 Mar 2023 10:08

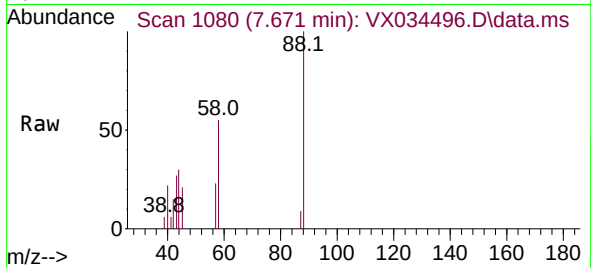
Tgt Ion:130 Resp: 750330
Ion Ratio Lower Upper
130 100
95 97.6 0.0 198.4





#49
1,4-Dioxane
Concen: 33.193 ug/l m
RT: 7.671 min Scan# 1080
Delta R.T. 0.018 min
Lab File: VX034496.D
Acq: 15 Mar 2023 10:08

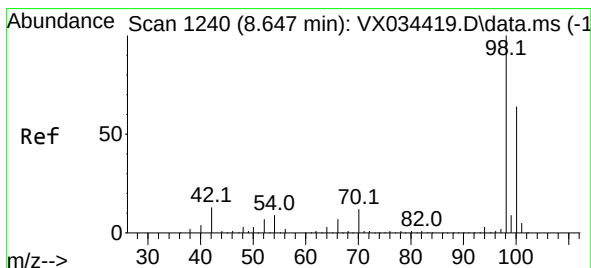
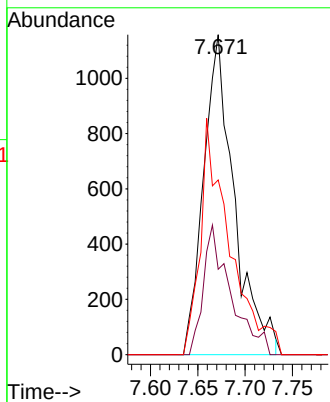
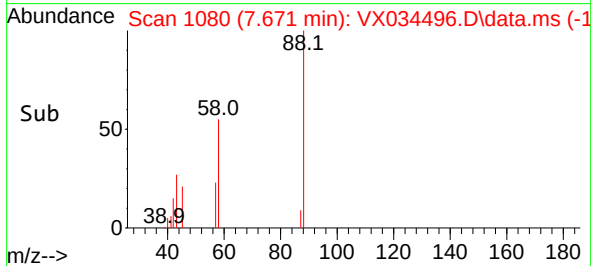
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20230312



Tgt Ion: 88 Resp: 261
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5
58 0.0 56.8 85.2

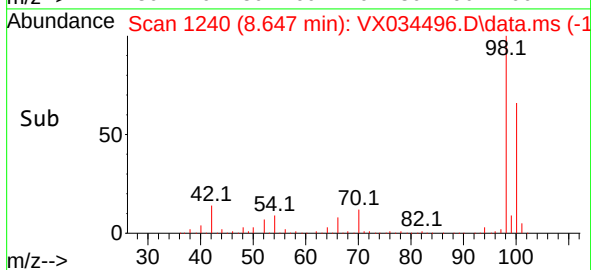
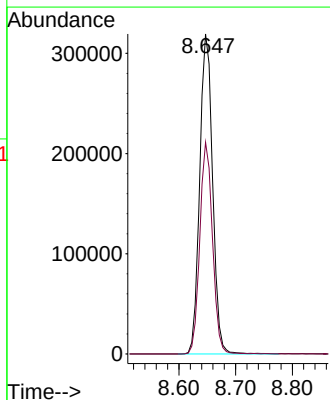
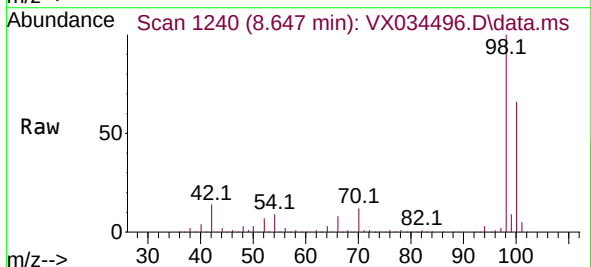
Manual Integrations
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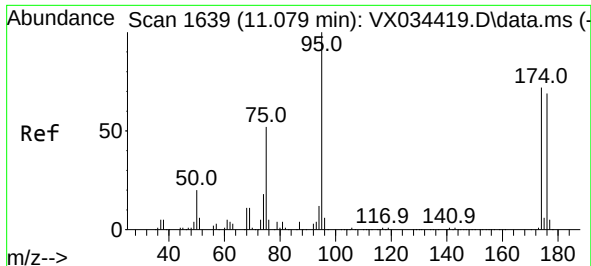
Reviewed By :Krupa Patel 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#50
Toluene-d8
Concen: 49.221 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034496.D
Acq: 15 Mar 2023 10:08

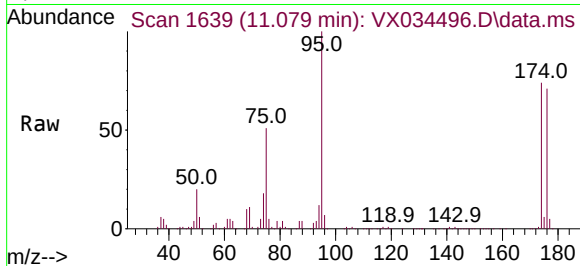
Tgt Ion: 98 Resp: 503727
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 46.328 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034496.D
Acq: 15 Mar 2023 10:08

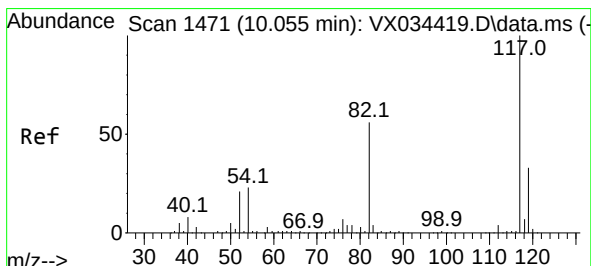
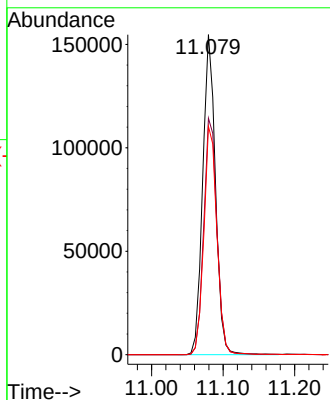
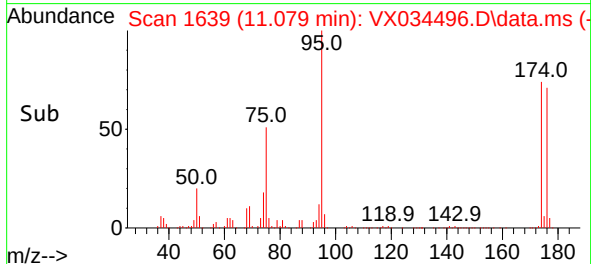
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20230312



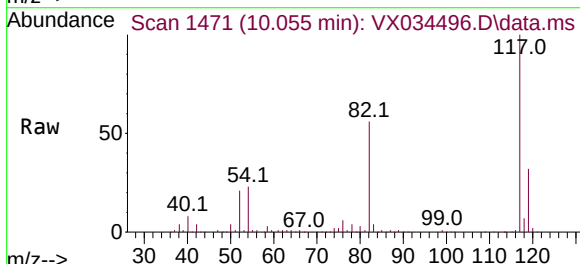
Tgt Ion: 95 Resp: 191510
Ion Ratio Lower Upper
95 100
174 76.6 0.0 147.4
176 73.2 0.0 140.6

Manual Integrations
APPROVED

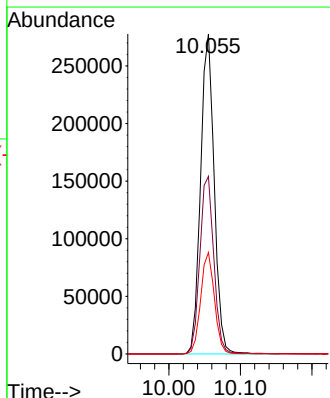
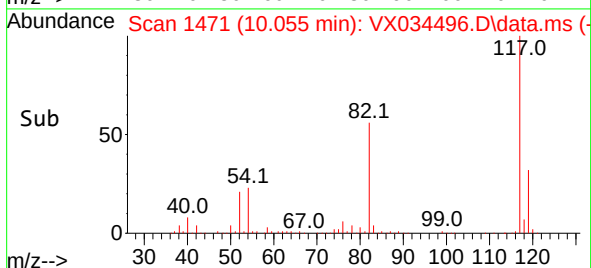
Reviewed By :Krupa Patel 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

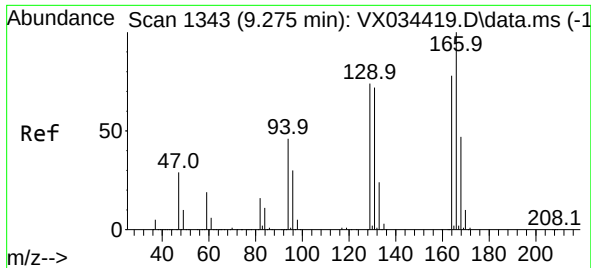


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034496.D
Acq: 15 Mar 2023 10:08



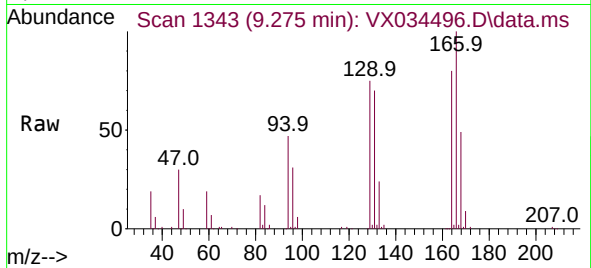
Tgt Ion:117 Resp: 368516
Ion Ratio Lower Upper
117 100
82 55.5 45.0 67.4
119 31.7 26.0 39.0





#64
Tetrachloroethene
Concen: 18.182 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034496.D
Acq: 15 Mar 2023 10:08

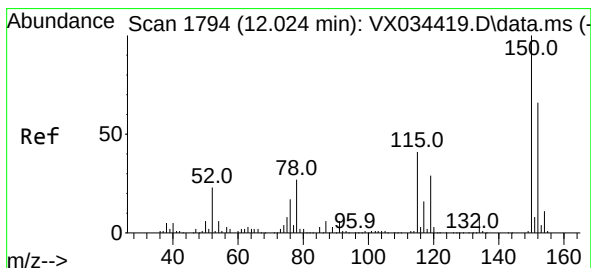
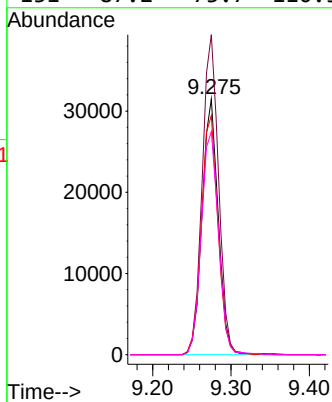
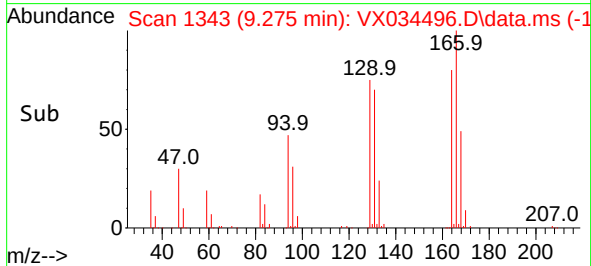
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20230312



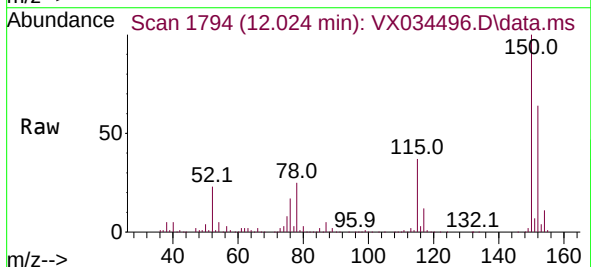
Tgt Ion:164 Resp: 45000
Ion Ratio Lower Upper
164 100
166 125.2 102.7 154.1
129 93.5 75.6 113.4
131 87.2 73.7 110.5

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034496.D
Acq: 15 Mar 2023 10:08



Tgt Ion:152 Resp: 157789
Ion Ratio Lower Upper
152 100
115 59.8 45.0 135.0
150 158.4 0.0 352.4

