

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010824\
 Data File : VX039668.D
 Acq On : 08 Jan 2024 17:52
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jan 09 06:05:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Jan 09 05:58:07 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/09/2024
 Supervised By : Mahesh Dadoda 01/09/2024

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

Internal Standards						
1) Bromochloromethane	4.891	128	8572m	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	66749	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	81541	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	39355	29.285	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	97.633%	
60) 4-Bromofluorobenzene	11.079	95	55672	30.955	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	103.200%	
63) Toluene-d8	8.647	98	99660	29.727	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	99.100%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	144765	99.962	ug/l	97
3) Chloromethane	1.294	50	156766	97.432	ug/l	97
4) Vinyl Chloride	1.374	62	156028	99.363	ug/l	97
5) Bromomethane	1.593	94	70563	94.037	ug/l	100
6) Chloroethane	1.660	64	61798	86.660	ug/l	96
7) Trichlorofluoromethane	1.868	101	219542	99.010	ug/l	96
8) Diethyl Ether	2.136	74	80874	97.478	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	132421	97.502	ug/l	98
10) 1,1-Dichloroethene	2.313	96	128487	98.737	ug/l	97
11) Methyl Iodide	2.447	142	159757	112.033	ug/l	99
12) Methyl Acetate	2.703	43	202956	96.839	ug/l	99
13) Acrolein	2.233	56	142953	457.154	ug/l	100
14) Acrylonitrile	3.062	53	462516	481.231	ug/l	99
15) Acetone	2.386	58	145210	478.991	ug/l	96
16) Carbon Disulfide	2.502	76	359618	102.504	ug/l	98
17) Allyl chloride	2.660	41	260502	101.518	ug/l	95
18) Methylene Chloride	2.788	84	150779	99.118	ug/l	99
19) trans-1,2-Dichloroethene	3.087	96	134123	97.133	ug/l	95
20) Diisopropyl ether	3.757	45	493420	98.512	ug/l	98
21) 1,1-Dichloroethane	3.605	63	273749	97.885	ug/l	100
22) cis-1,2-Dichloroethene	4.483	96	159586	98.873	ug/l	95
23) tert-Butyl Alcohol	3.014	59	226191	499.687	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	470766	98.701	ug/l	96
25) Chloroform	5.093	83	273075	99.493	ug/l	96
26) Cyclohexane	5.464	56	236792	97.602	ug/l #	97
29) 1,1-Dichloropropene	5.690	75	199537	104.169	ug/l	98
30) 2-Butanone	4.556	43	699121	508.880	ug/l	99
31) 2,2-Dichloropropane	4.471	77	227338	106.748	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	237388	107.228	ug/l	98
33) Carbon Tetrachloride	5.678	117	192265	110.164	ug/l	97
34) Benzene	6.031	78	580793	102.210	ug/l	98
35) Methacrylonitrile	4.922	41	138395	104.694	ug/l	97
36) 1,2-Dichloroethane	6.086	62	232518	104.350	ug/l	97
37) Trichloroethene	7.123	130	140038	103.727	ug/l	100
38) Methylcyclohexane	7.379	83	241626	103.101	ug/l	96
39) 1,2-Dichloropropane	7.427	63	156673	102.329	ug/l	98
40) Dibromomethane	7.580	93	108980	105.377	ug/l	97
41) Bromodichloromethane	7.824	83	209506	109.321	ug/l	98
42) Vinyl Acetate	3.721	43	2380833	524.130	ug/l	99

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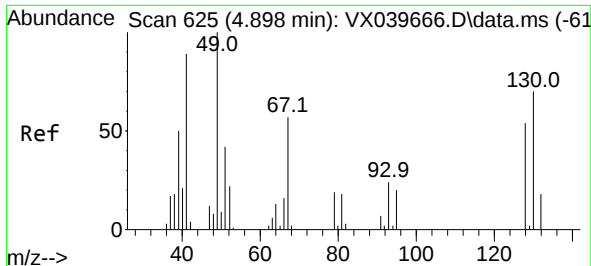
Quant Time: Jan 09 06:05:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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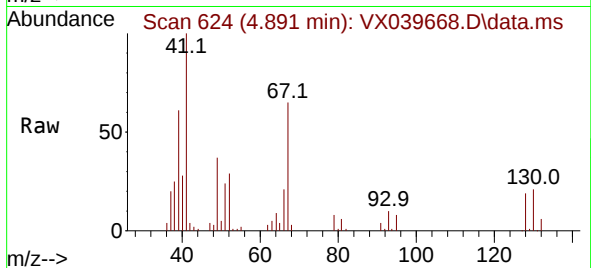
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	263925	102.492	ug/l	100
44) Isopropyl Acetate	6.342	43	424220	106.566	ug/l	97
45) 1,4-Dioxane	7.671	88	77683	2024.062	ug/l	98
46) Methyl methacrylate	7.696	41	204590	107.011	ug/l	97
47) n-amyl Acetate	10.842	43	388616	111.781	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	235445	114.150	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	250198	110.761	ug/l	93
50) 1,1,2-Trichloroethane	9.153	97	146076	103.040	ug/l	98
51) Ethyl methacrylate	9.116	69	255744	107.993	ug/l	98
52) 1,3-Dichloropropane	9.305	76	252375	103.163	ug/l	99
53) Dibromochloromethane	9.519	129	147753	111.993	ug/l	97
54) 1,2-Dibromoethane	9.610	107	155200	104.460	ug/l	100
55) 2-Chloroethyl vinyl ether	8.244	63	591659	513.449	ug/l	100
56) Bromoform	10.799	173	104329	117.404	ug/l	98
58) 4-Methyl-2-Pentanone	8.580	43	1337891	498.814	ug/l	99
59) 2-Hexanone	9.433	43	1080401	497.622	ug/l	98
61) Tetrachloroethene	9.269	164	107286	99.327	ug/l	93
62) Toluene	8.714	91	607198	100.447	ug/l	100
64) Chlorobenzene	10.079	112	358587	102.027	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	133296	106.678	ug/l	98
66) Ethyl Benzene	10.195	91	685780	103.314	ug/l	100
67) m/p-Xylenes	10.299	106	493980	203.737	ug/l	97
68) o-Xylene	10.640	106	243515	100.042	ug/l	95
69) Styrene	10.653	104	410793	105.564	ug/l	98
70) Isopropylbenzene	10.963	105	656620	102.204	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	253606	102.773	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	215049m	102.172	ug/l	
73) Bromobenzene	11.195	156	142878	100.729	ug/l	92
74) n-propylbenzene	11.305	91	812499	106.069	ug/l	99
75) 2-Chlorotoluene	11.366	91	484522	101.815	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	561553	102.314	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	82891	122.377	ug/l	87
78) 4-Chlorotoluene	11.451	91	554087	104.977	ug/l	96
79) tert-butylbenzene	11.713	119	538864	103.616	ug/l	96
80) 1,2,4-Trimethylbenzene	11.750	105	569677	104.586	ug/l	98
81) sec-Butylbenzene	11.890	105	703386	105.239	ug/l	99
82) p-Isopropyltoluene	12.006	119	568482	106.871	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	276241	104.197	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	276627	105.201	ug/l	99
85) n-Butylbenzene	12.329	91	549906	112.952	ug/l	98
86) Hexachloroethane	12.536	117	104726	115.078	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	268809	101.176	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.939	75	66194	112.027	ug/l	94
89) 1,2,4-Trichlorobenzene	13.585	180	167087	111.545	ug/l	99
90) Hexachlorobutadiene	13.725	225	68111	103.867	ug/l	98
91) Naphthalene	13.774	128	645867	110.517	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	167920	108.270	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 4.891 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

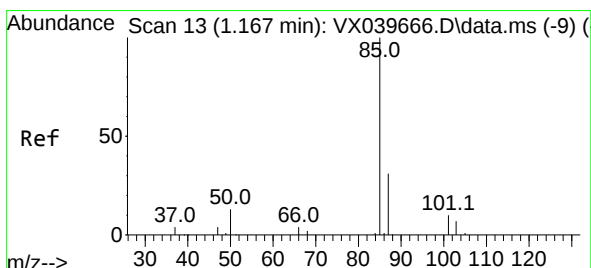
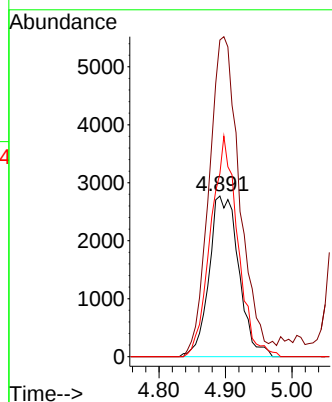
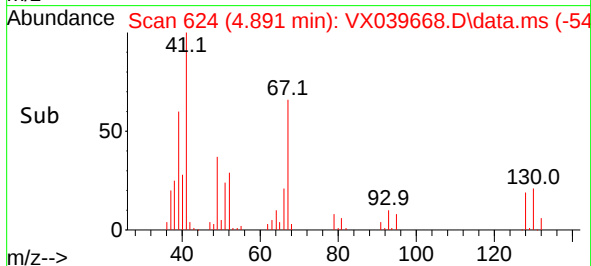
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:128 Resp: 8572
Ion Ratio Lower Upper
128 100
49 206.0 0.0 444.0
130 125.5 0.0 297.8

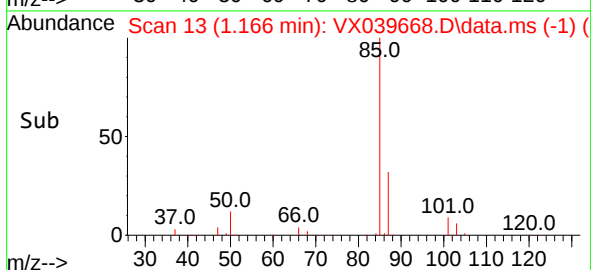
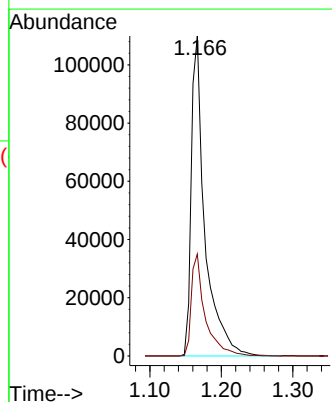
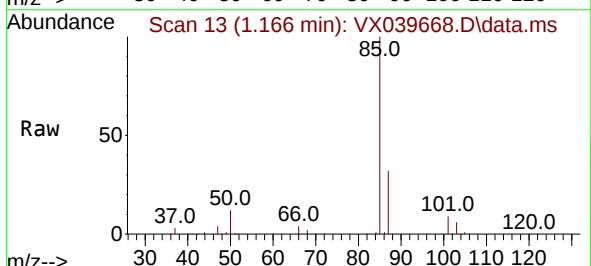
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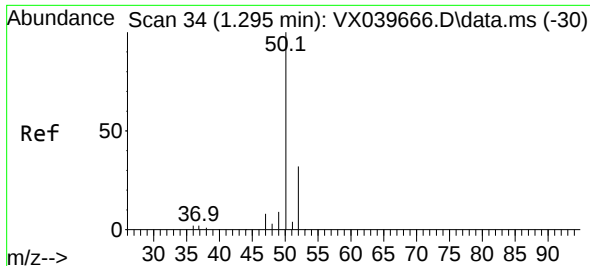
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#2
Dichlorodifluoromethane
Concen: 99.962 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

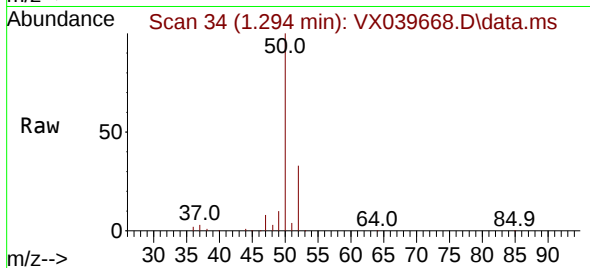
Tgt Ion: 85 Resp: 144765
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.1





#3
Chloromethane
Concen: 97.432 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

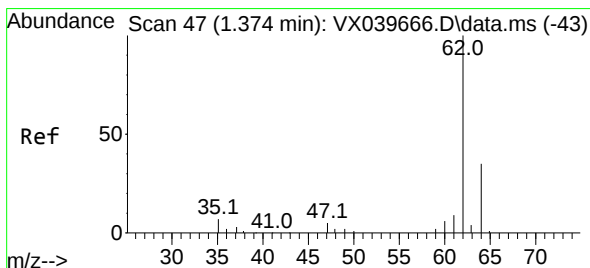
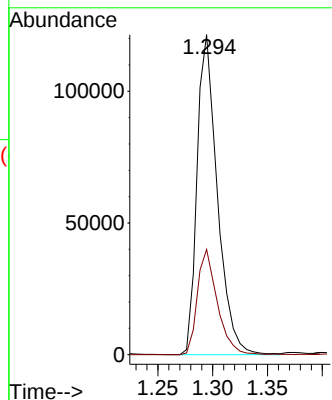
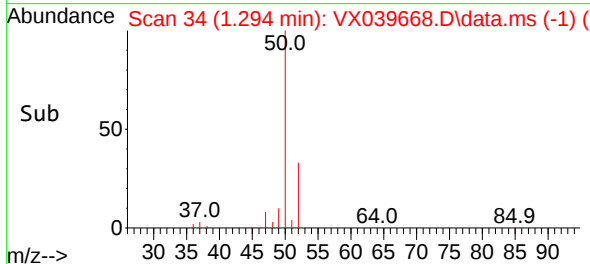
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 50 Resp: 156760
Ion Ratio Lower Upper
50 100
52 32.9 27.8 41.8

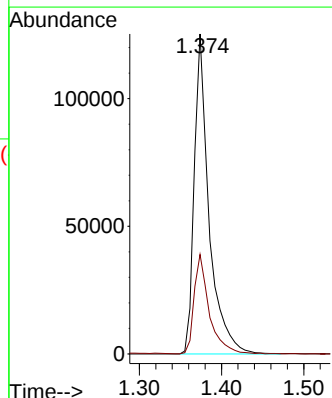
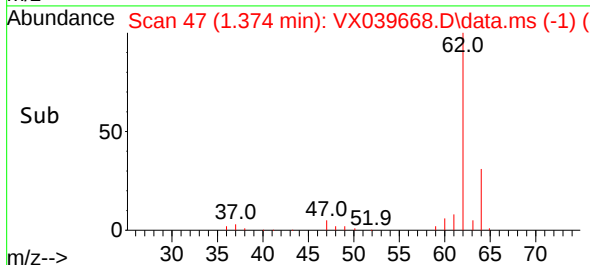
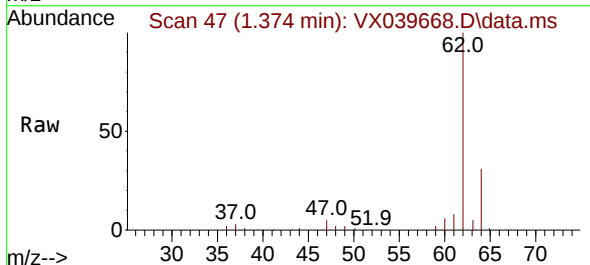
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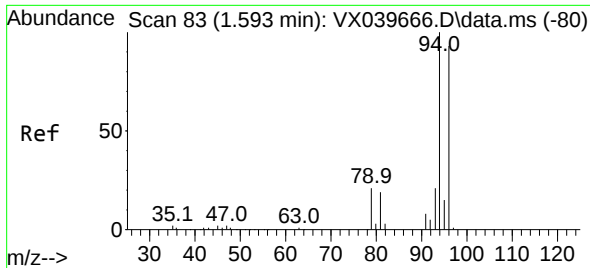
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#4
Vinyl Chloride
Concen: 99.363 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

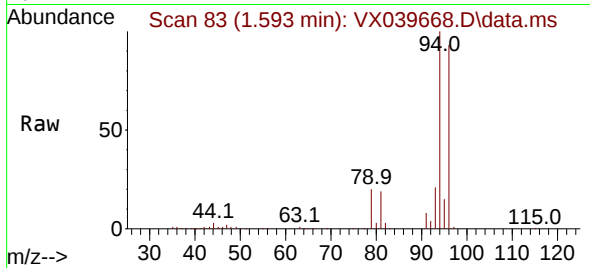
Tgt Ion: 62 Resp: 156028
Ion Ratio Lower Upper
62 100
64 31.0 26.3 39.5





#5
Bromomethane
Concen: 94.037 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

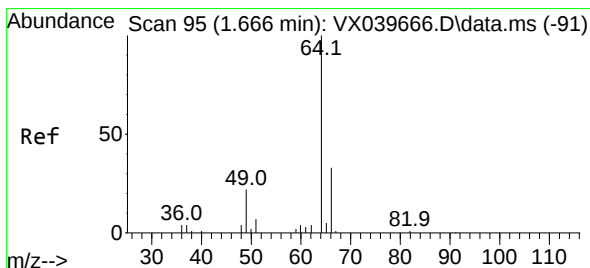
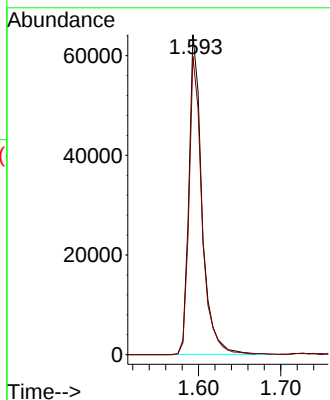
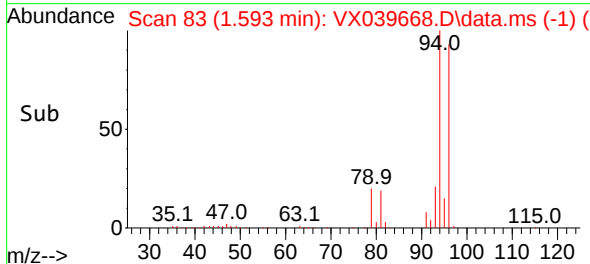
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 94 Resp: 7056
Ion Ratio Lower Upper
94 100
96 93.3 74.9 112.3

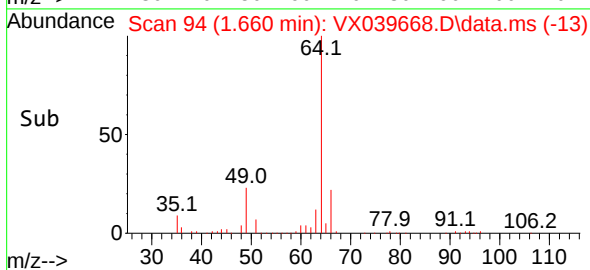
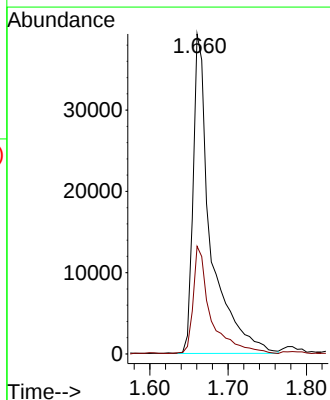
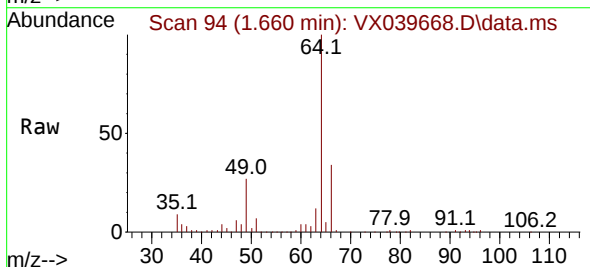
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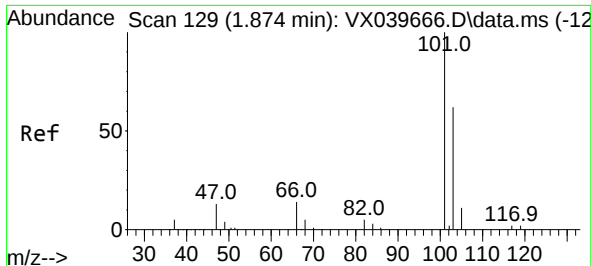
Reviewed By :John Carlone 01/09/2024
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#6
Chloroethane
Concen: 86.660 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

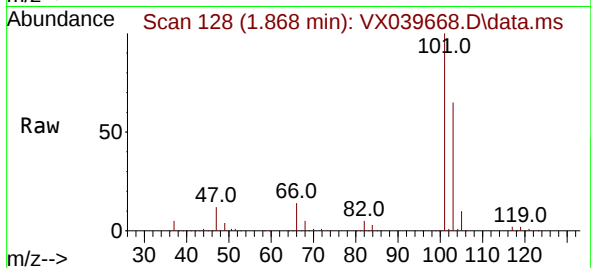
Tgt Ion: 64 Resp: 61798
Ion Ratio Lower Upper
64 100
66 33.6 25.0 37.6





#7
Trichlorofluoromethane
Concen: 99.010 ug/l
RT: 1.868 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

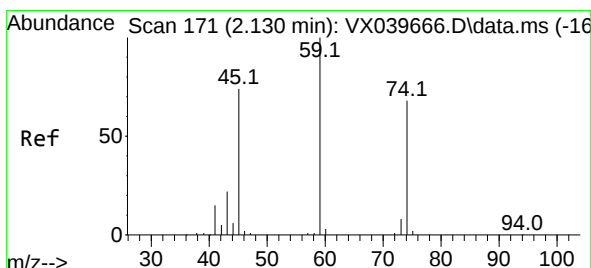
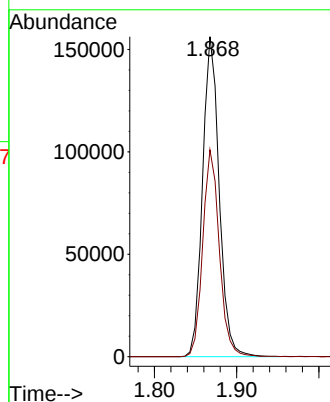
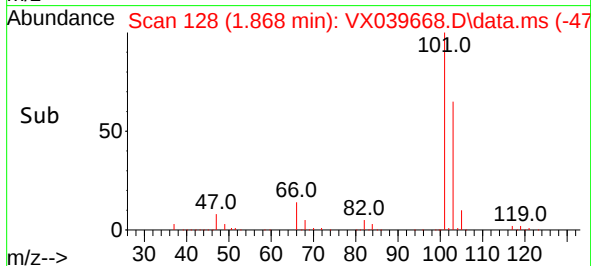
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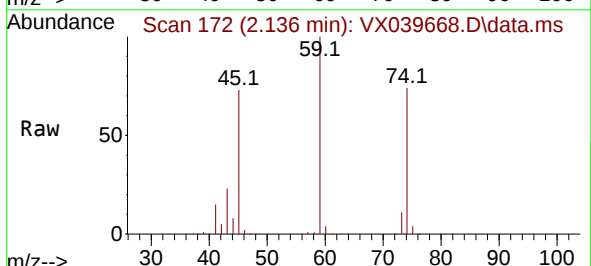
Tgt Ion:101 Resp: 21954
Ion Ratio Lower Upper
101 100
103 64.7 49.1 73.7

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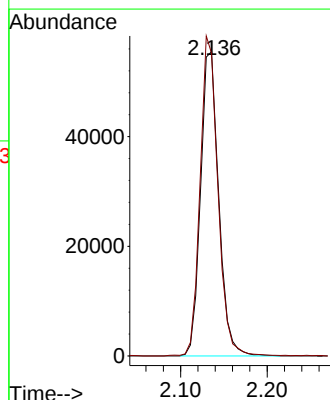
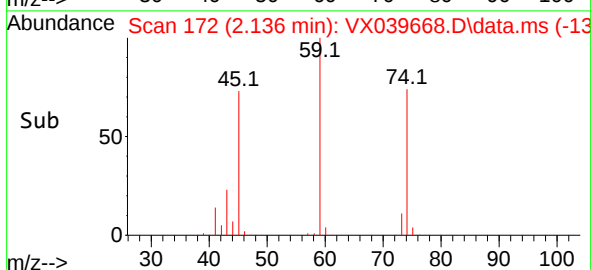
Reviewed By :John Carlone 01/09/2024
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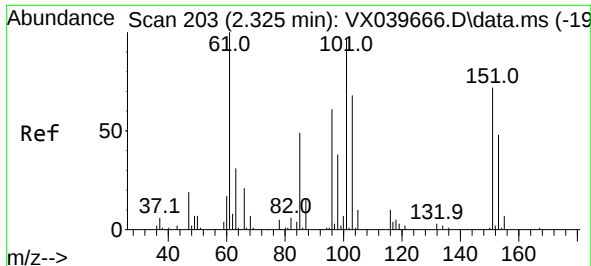


#8
Diethyl Ether
Concen: 97.478 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52



Tgt Ion: 74 Resp: 80874
Ion Ratio Lower Upper
74 100
45 103.1 20.5 184.5





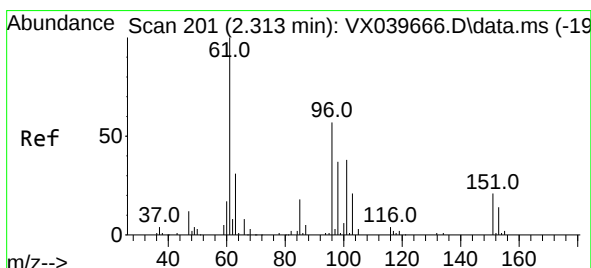
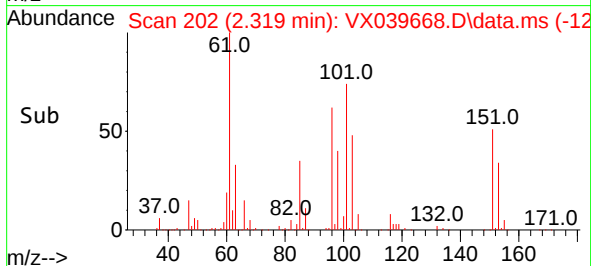
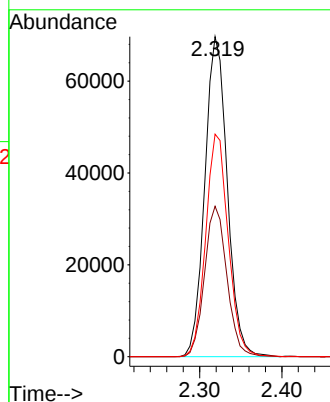
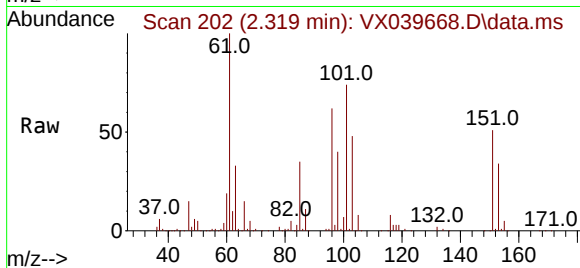
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1,1,2-Trichlorotrifluoroethane
Concen: 97.502 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 13242
Ion Ratio Lower Upper
101 100
85 46.7 0.0 95.2
151 69.9 0.0 136.8

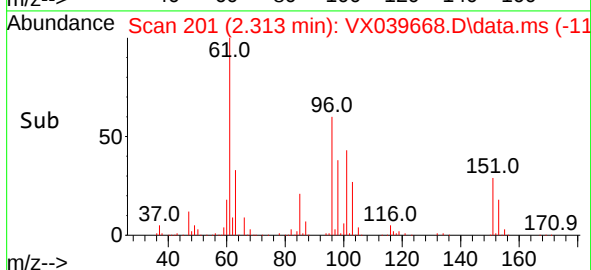
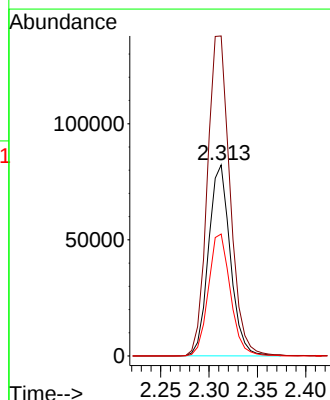
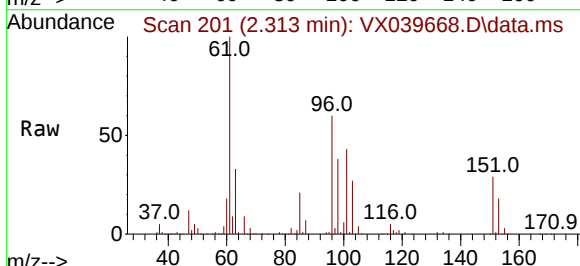
Manual Integrations
APPROVED

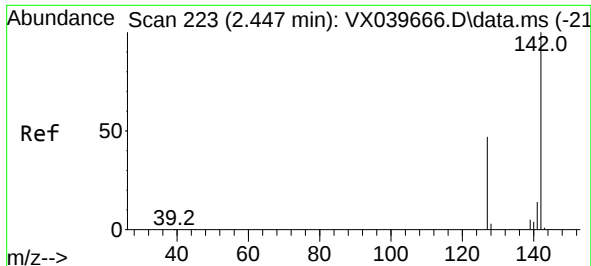
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#10
1,1-Dichloroethene
Concen: 98.737 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

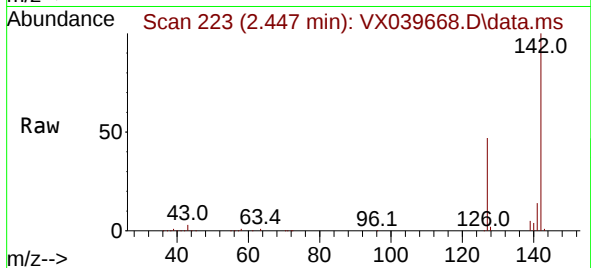
Tgt Ion: 96 Resp: 128487
Ion Ratio Lower Upper
96 100
61 167.6 138.3 207.5
98 63.8 49.8 74.6





#11
Methyl Iodide
Concen: 112.033 ug/l
RT: 2.447 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

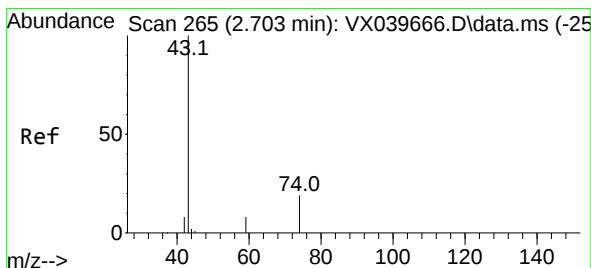
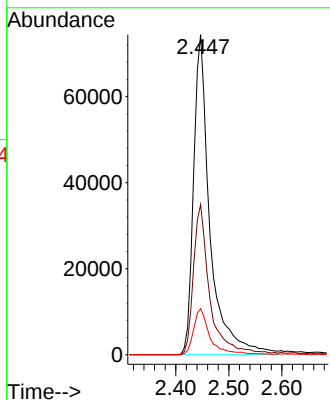
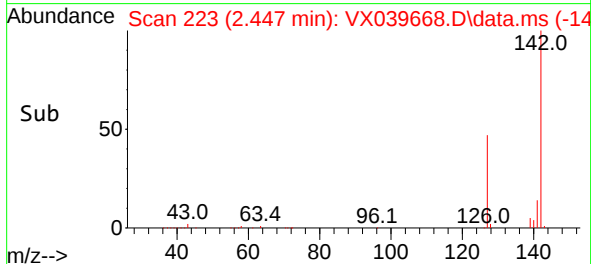
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:142 Resp: 15975
Ion Ratio Lower Upper
142 100
127 46.9 23.8 71.4
141 14.4 6.9 20.6

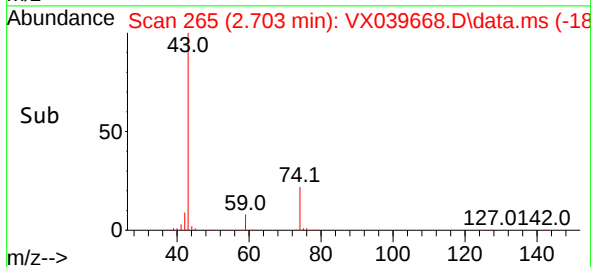
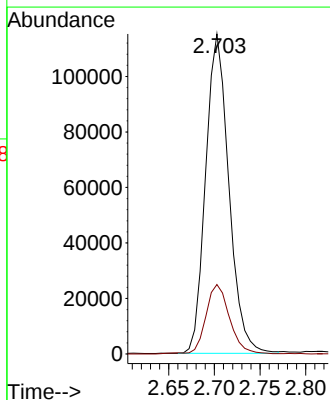
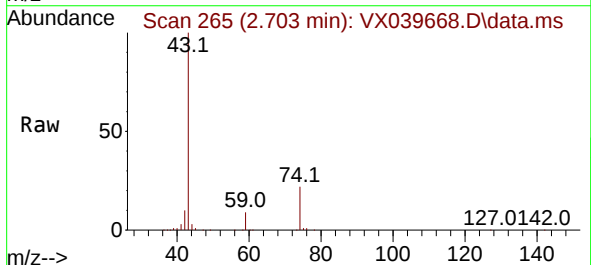
Manual Integrations
APPROVED

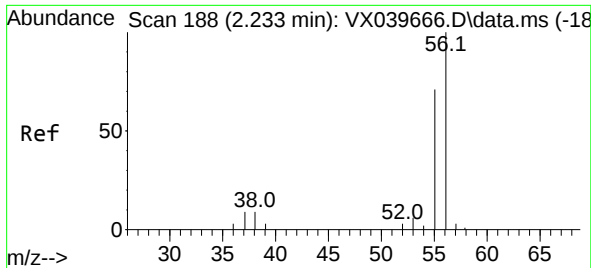
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#12
Methyl Acetate
Concen: 96.839 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

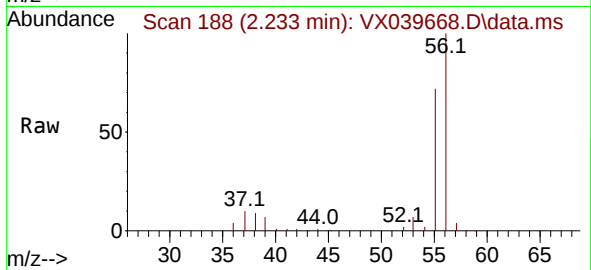
Tgt Ion: 43 Resp: 202956
Ion Ratio Lower Upper
43 100
74 21.6 17.8 26.6





#13
Acrolein
Concen: 457.154 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

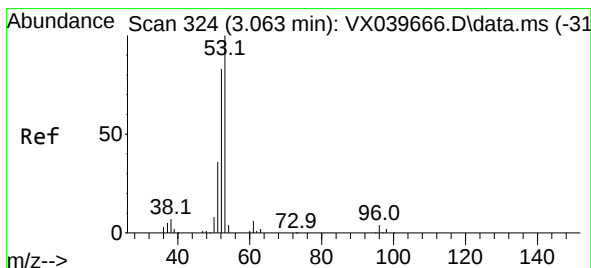
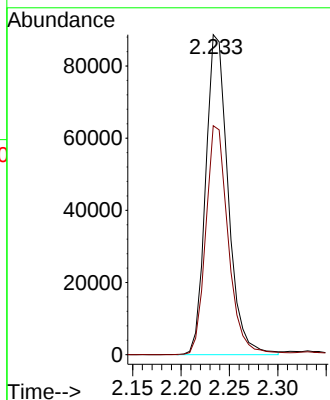
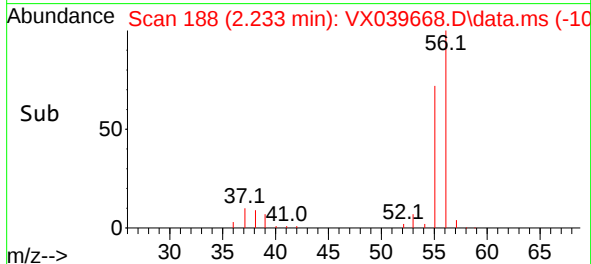
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 14295
Ion Ratio Lower Upper
56 100
55 71.3 57.2 85.8

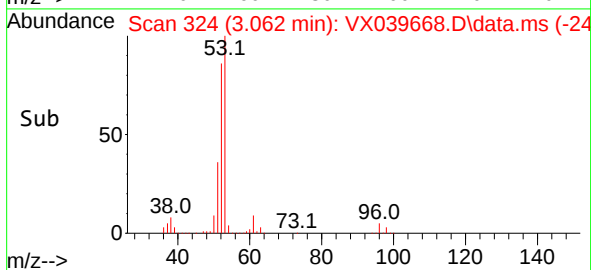
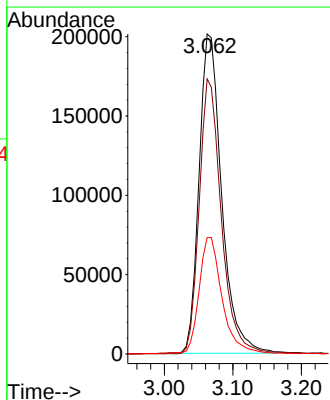
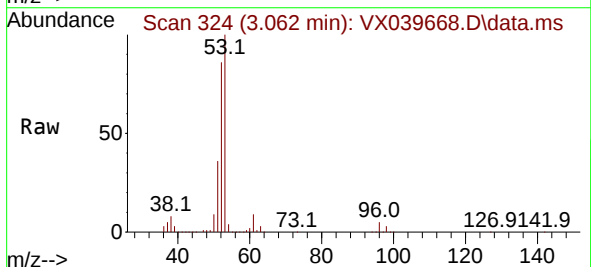
Manual Integrations
APPROVED

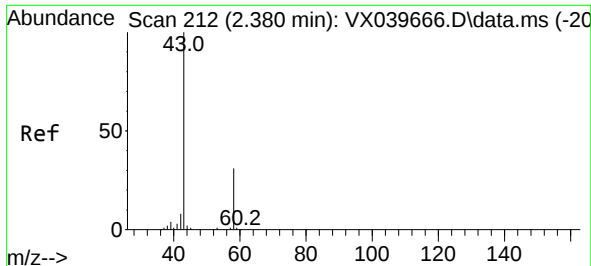
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#14
Acrylonitrile
Concen: 481.231 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.001 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

Tgt Ion: 53 Resp: 462516
Ion Ratio Lower Upper
53 100
52 84.3 41.9 125.6
51 36.4 18.3 54.9





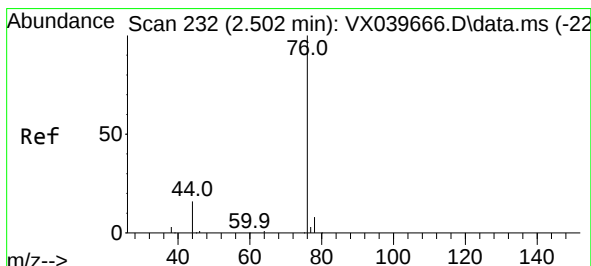
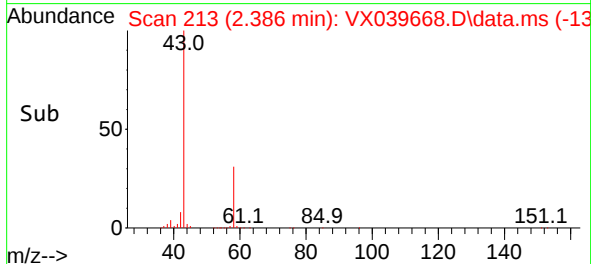
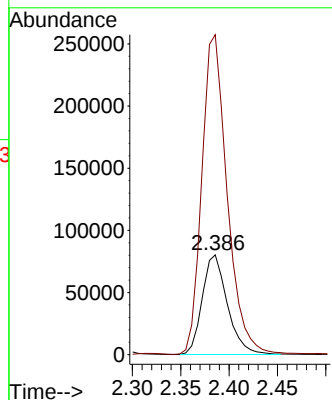
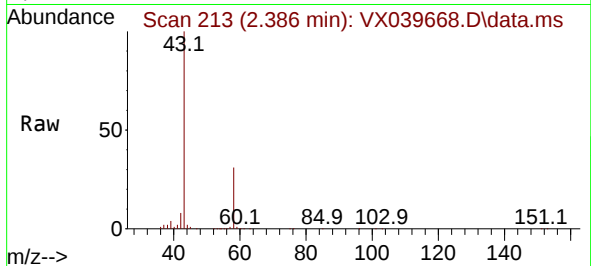
#15
Acetone
Concen: 478.991 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 58 Resp: 145210
Ion Ratio Lower Upper
58 100
43 320.1 249.9 374.9

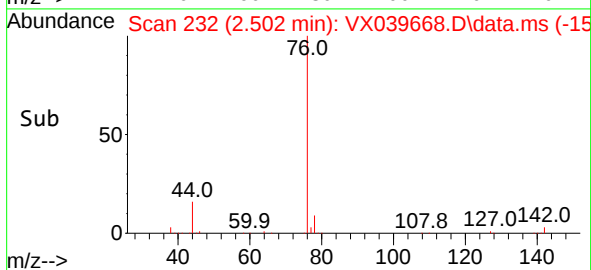
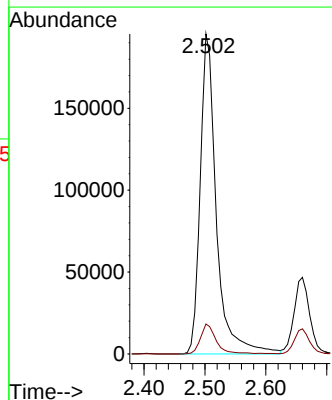
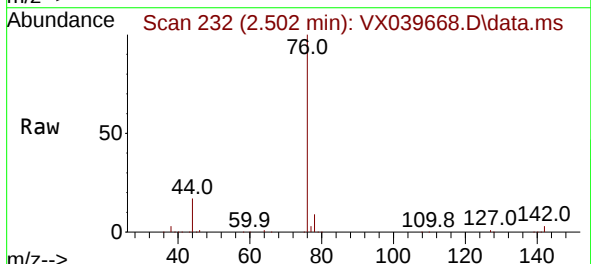
Manual Integrations
APPROVED

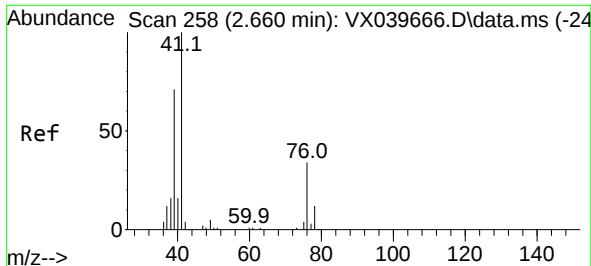
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#16
Carbon Disulfide
Concen: 102.504 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

Tgt Ion: 76 Resp: 359618
Ion Ratio Lower Upper
76 100
78 9.4 8.0 12.0





#17

Allyl chloride

Concen: 101.518 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX039668.D

Acq: 08 Jan 2024 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 41 Resp: 260502

Ion Ratio Lower Upper

41 100

39 71.0 36.5 109.5

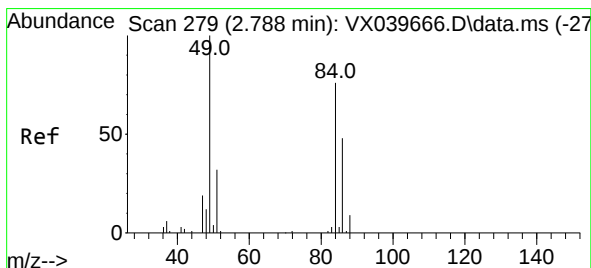
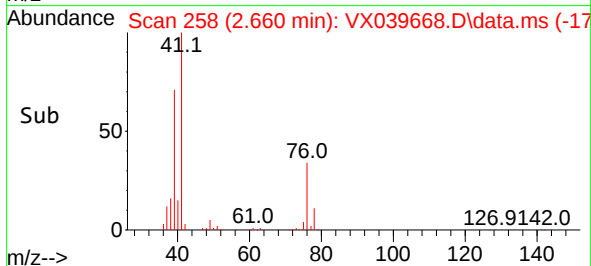
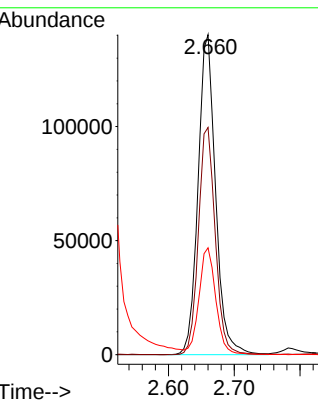
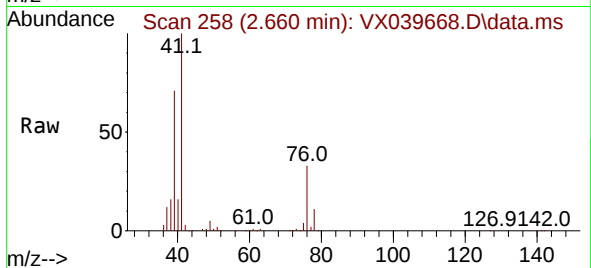
76 33.3 19.7 59.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#18

Methylene Chloride

Concen: 99.118 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX039668.D

Acq: 08 Jan 2024 17:52

Tgt Ion: 84 Resp: 150779

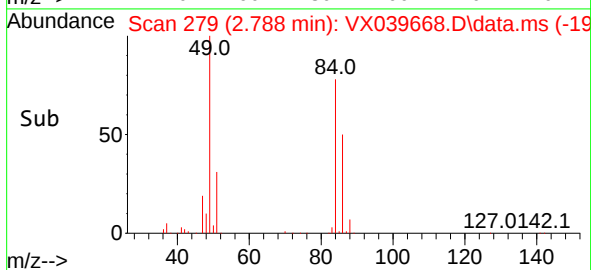
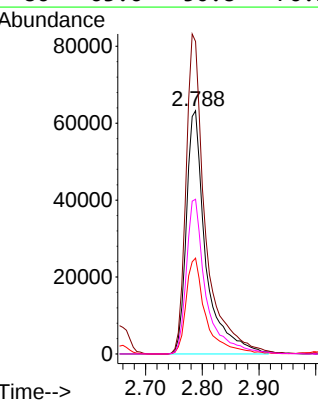
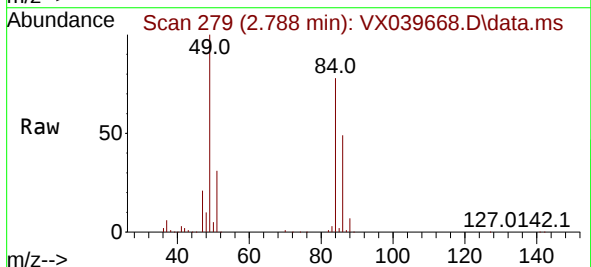
Ion Ratio Lower Upper

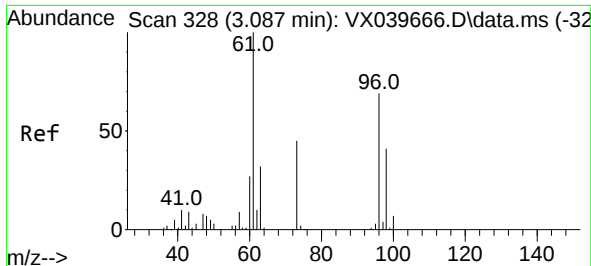
84 100

49 128.5 103.8 155.8

51 39.4 31.8 47.6

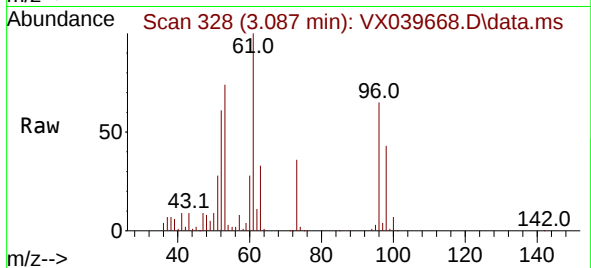
86 63.6 50.8 76.2





#19
trans-1,2-Dichloroethene
Concen: 97.133 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

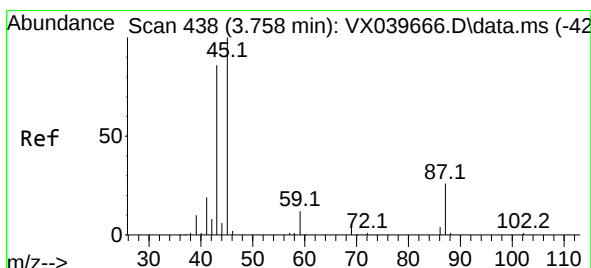
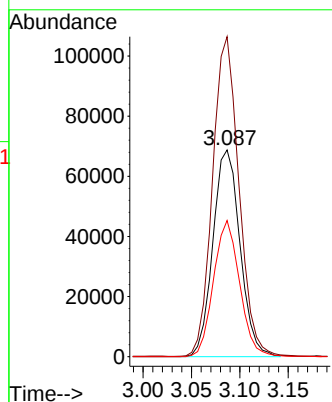
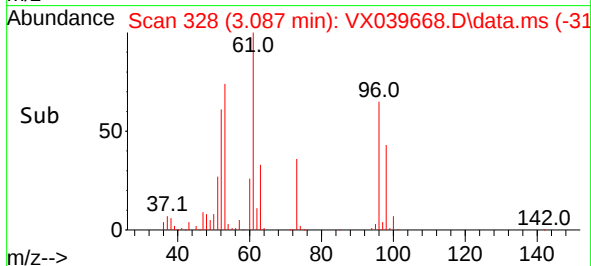
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 13412
Ion Ratio Lower Upper
96 100
61 154.6 117.9 176.9
98 65.9 51.0 76.6

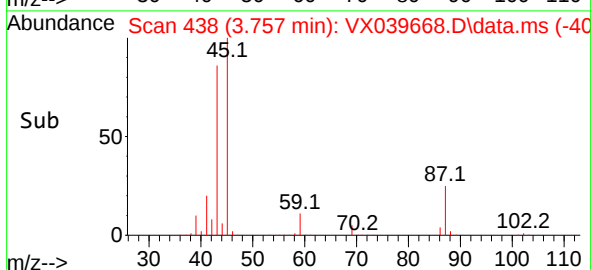
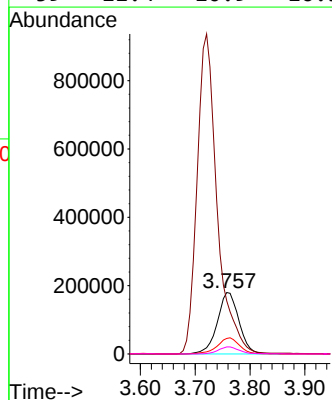
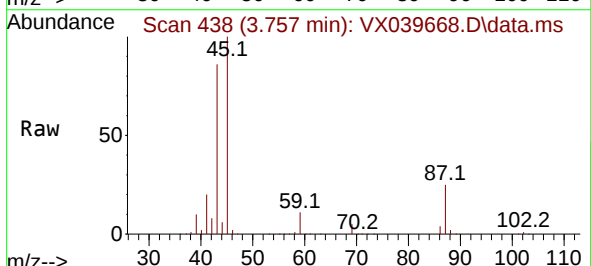
Manual Integrations
APPROVED

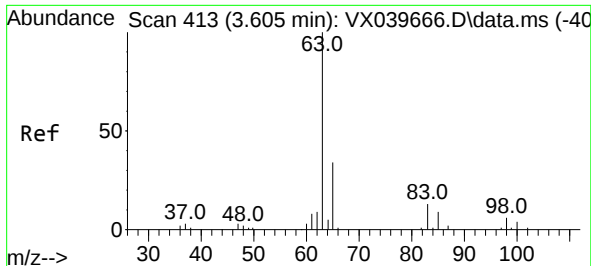
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#20
Diisopropyl ether
Concen: 98.512 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.001 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

Tgt Ion: 45 Resp: 493420
Ion Ratio Lower Upper
45 100
43 85.2 67.7 101.5
87 25.4 21.5 32.3
59 11.4 10.9 16.3





#21

1,1-Dichloroethane

Concen: 97.885 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX039668.D

Acq: 08 Jan 2024 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 273749

Ion Ratio Lower Upper

63 100

98 6.1 2.9 8.8

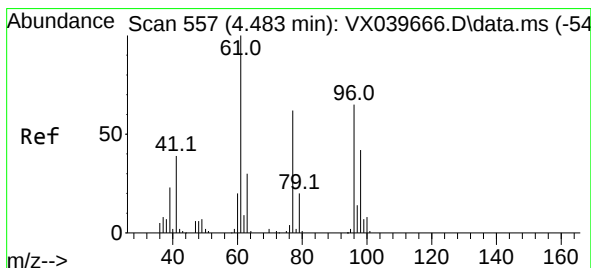
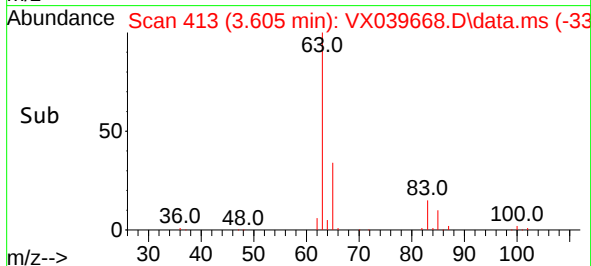
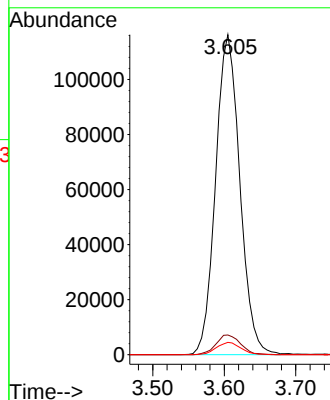
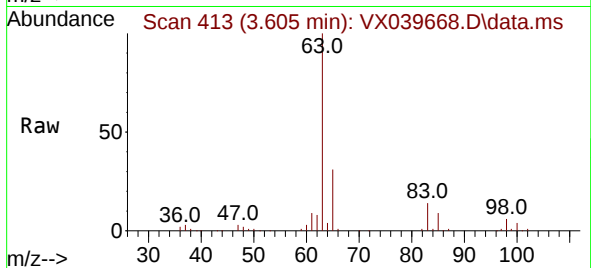
100 3.8 2.0 5.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#22

cis-1,2-Dichloroethene

Concen: 98.873 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX039668.D

Acq: 08 Jan 2024 17:52

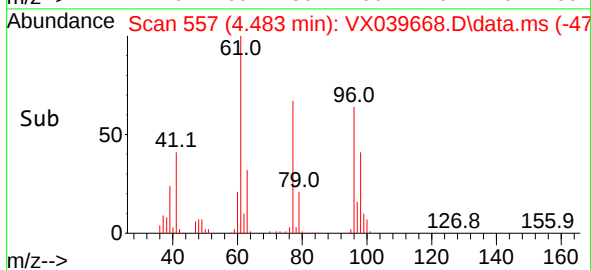
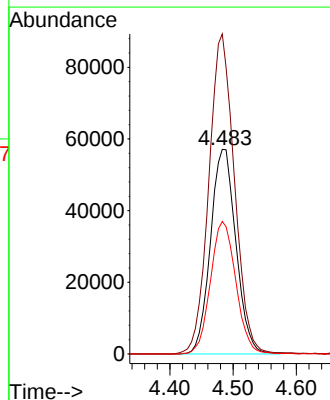
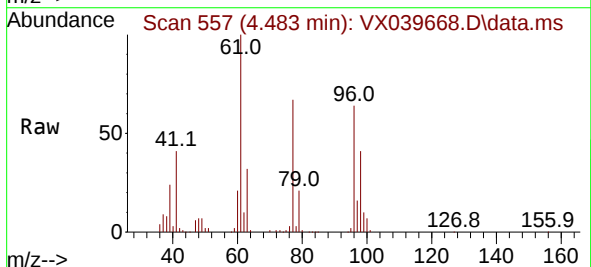
Tgt Ion: 96 Resp: 159586

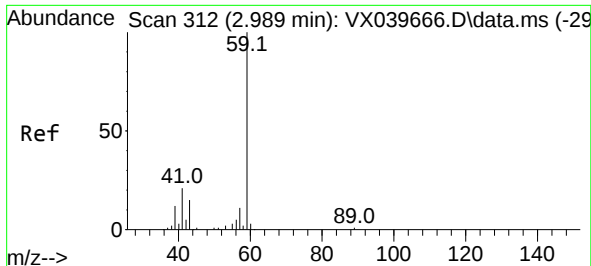
Ion Ratio Lower Upper

96 100

61 157.2 119.8 179.6

98 64.5 50.9 76.3





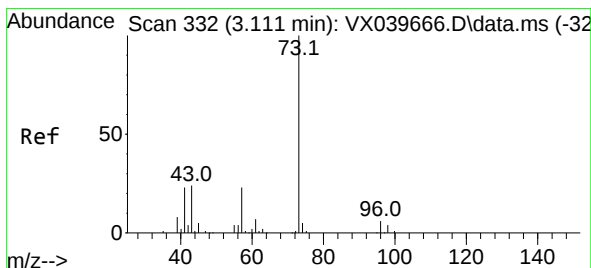
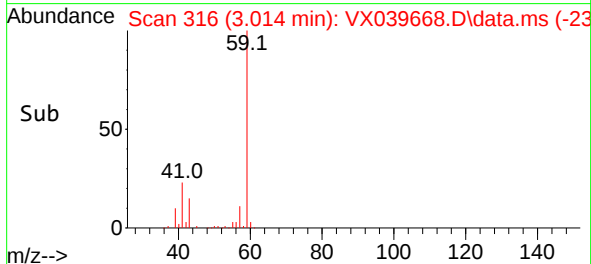
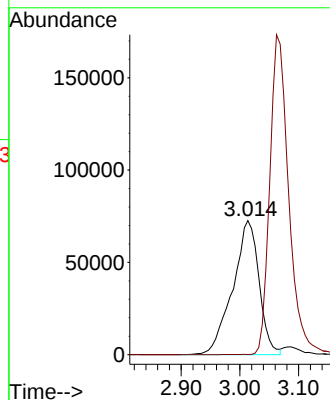
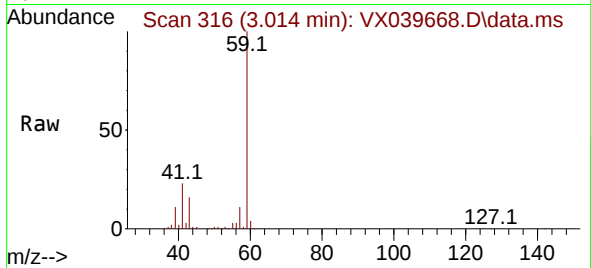
#23
tert-Butyl Alcohol
Concen: 499.687 ug/l
RT: 3.014 min Scan# 316
Delta R.T. 0.025 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 22619
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

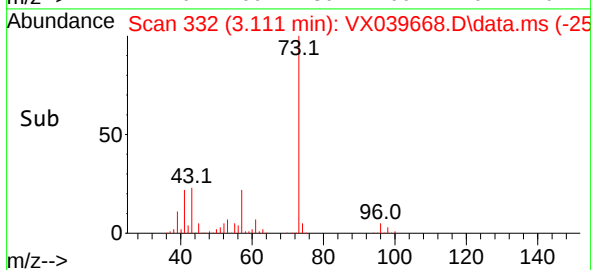
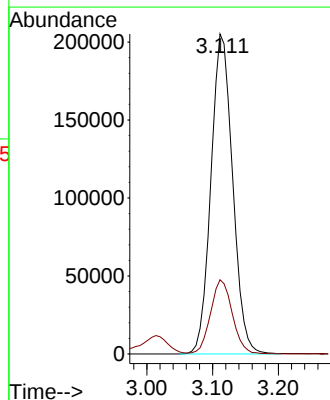
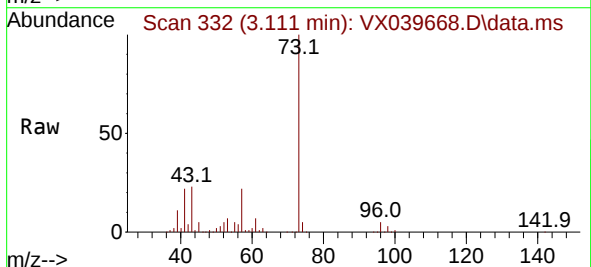
Manual Integrations
APPROVED

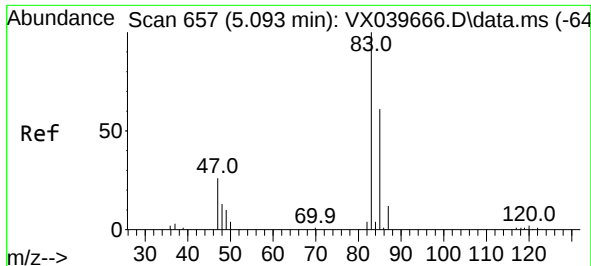
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#24
Methyl tert-Butyl Ether
Concen: 98.701 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

Tgt Ion: 73 Resp: 470766
Ion Ratio Lower Upper
73 100
43 23.2 17.0 25.6





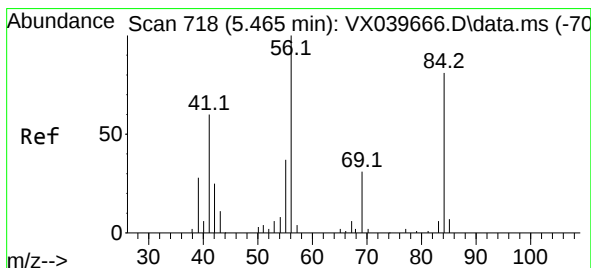
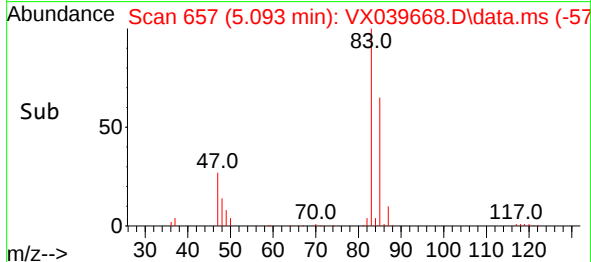
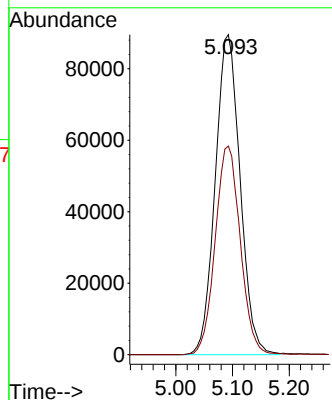
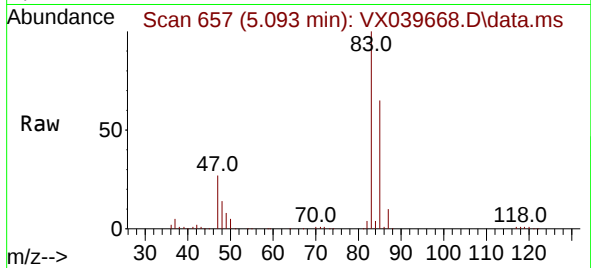
#25
Chloroform
Concen: 99.493 ug/l
RT: 5.093 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 273079
Ion Ratio Lower Upper
83 100
85 65.2 54.6 81.8

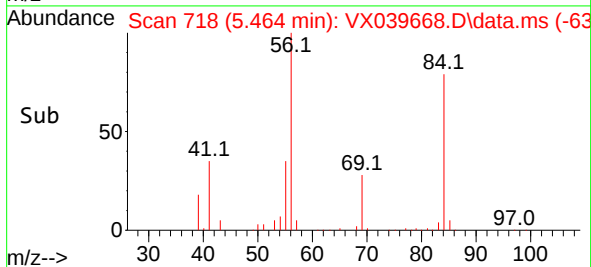
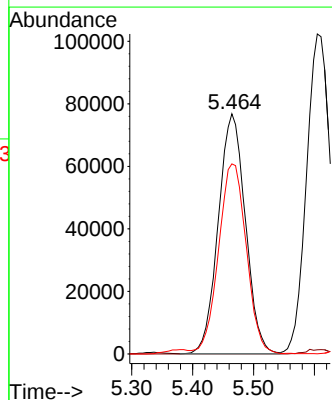
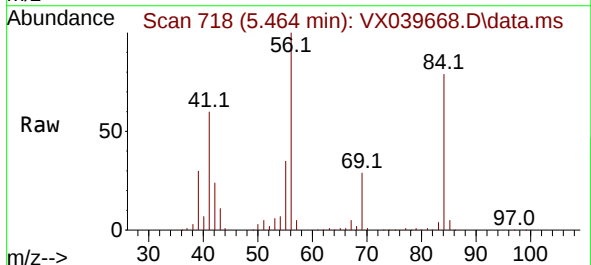
Manual Integrations
APPROVED

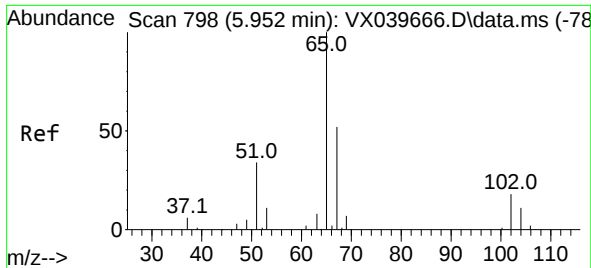
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#26
Cyclohexane
Concen: 97.602 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

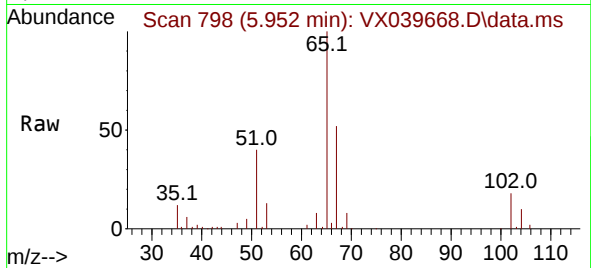
Tgt Ion: 56 Resp: 236792
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 81.2 67.2 100.8





#27
1,2-Dichloroethane-d4
Concen: 29.285 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

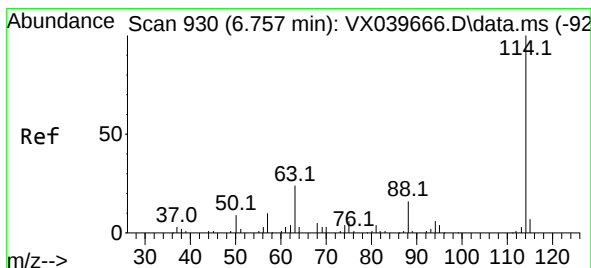
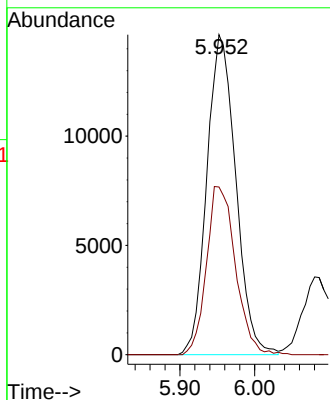
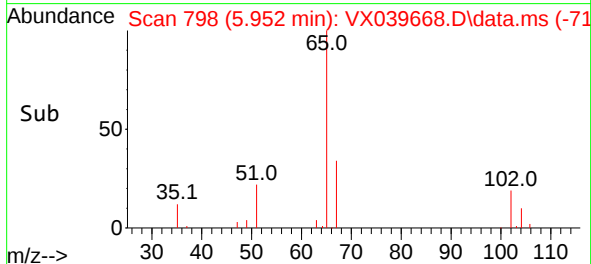
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



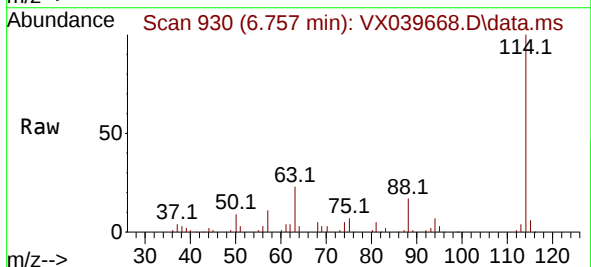
Tgt Ion: 65 Resp: 3935
Ion Ratio Lower Upper
65 100
67 52.2 42.5 63.7

Manual Integrations
APPROVED

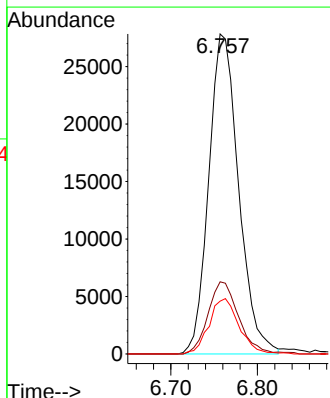
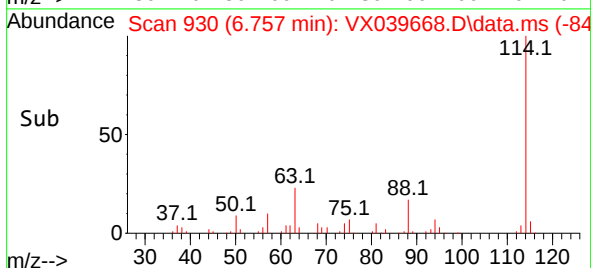
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024

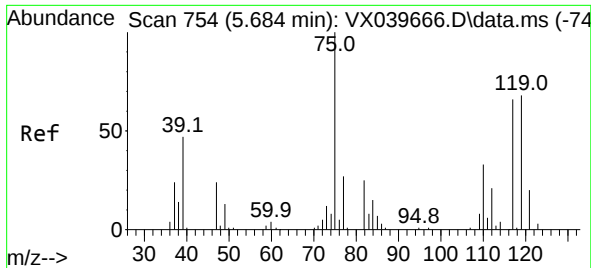


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52



Tgt Ion:114 Resp: 66749
Ion Ratio Lower Upper
114 100
63 22.8 17.0 25.4
88 17.4 12.7 19.1





#29
1,1-Dichloropropene
Concen: 104.169 ug/l
RT: 5.690 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

Instrument :

MSVOA_X

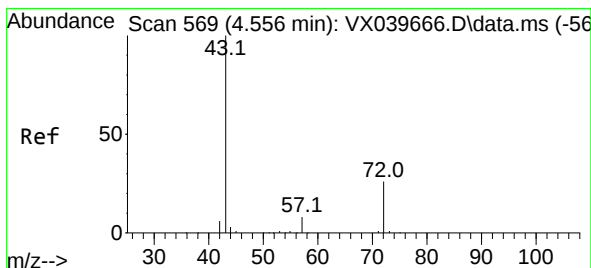
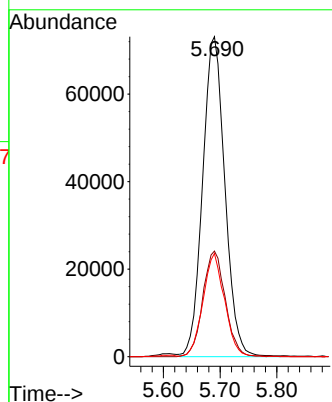
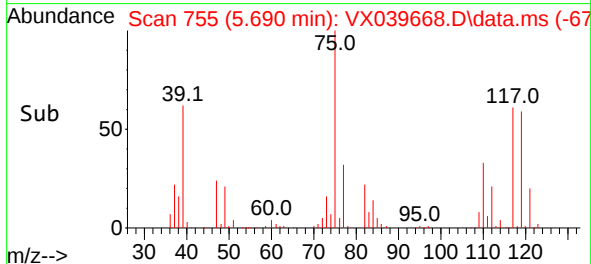
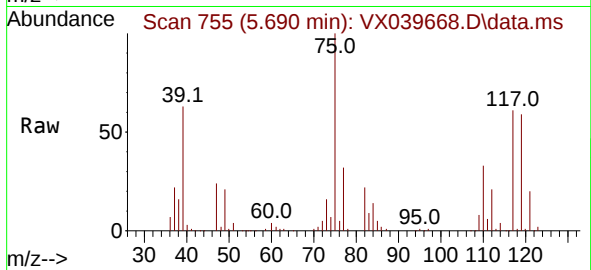
ClientSampleId :

VSTDIC100

Tgt Ion: 75 Resp: 19953
Ion Ratio Lower Upper
75 100
110 33.3 0.0 71.2
77 31.3 0.0 62.6

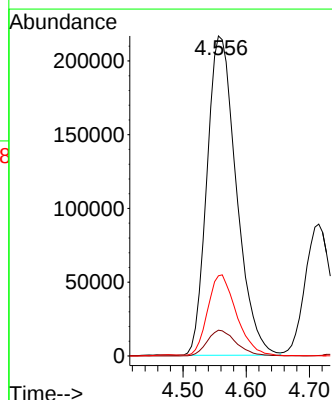
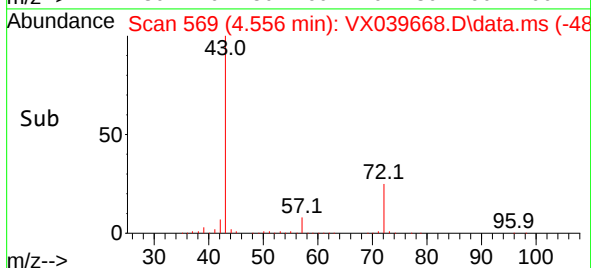
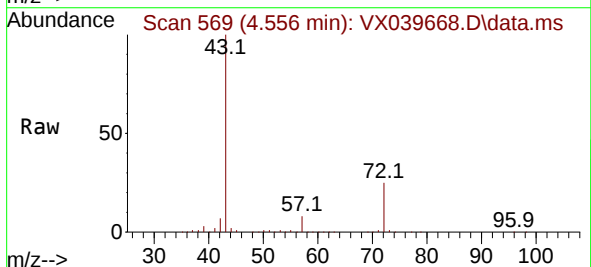
Manual Integrations
APPROVED

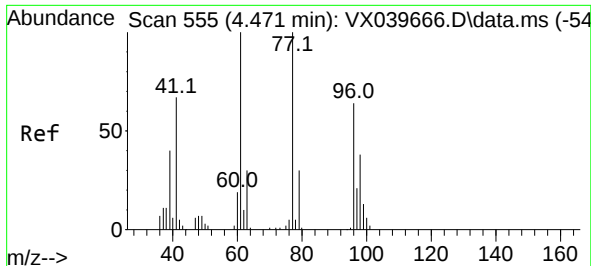
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#30
2-Butanone
Concen: 508.880 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

Tgt Ion: 43 Resp: 699121
Ion Ratio Lower Upper
43 100
57 8.0 6.6 10.0
72 25.0 20.6 31.0





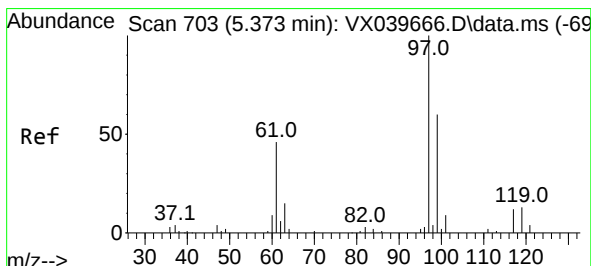
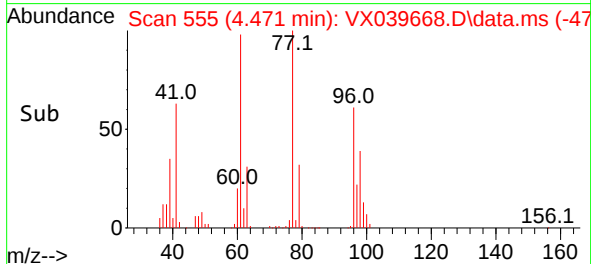
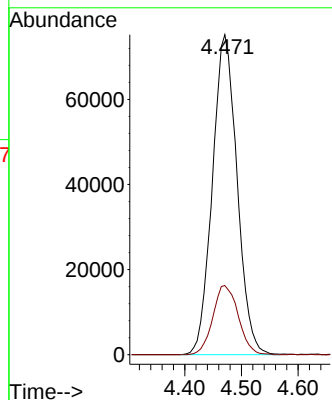
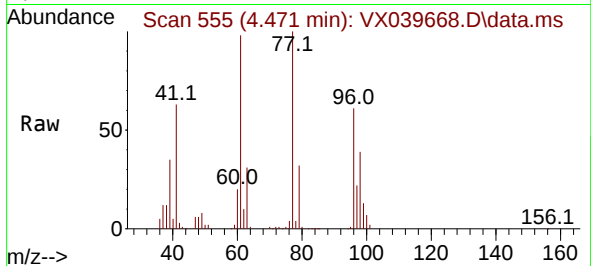
#31
2,2-Dichloropropane
Concen: 106.748 ug/l
RT: 4.471 min Scan# 511
Delta R.T. -0.000 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 77 Resp: 227338
Ion Ratio Lower Upper
77 100
97 22.2 18.2 27.4

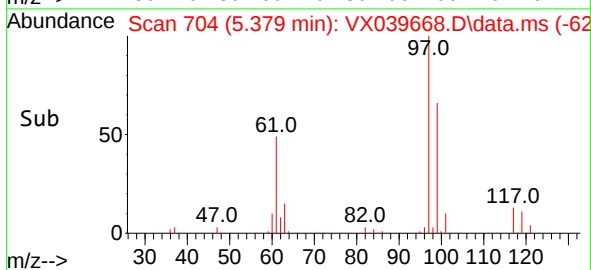
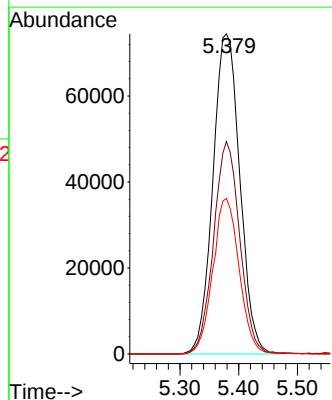
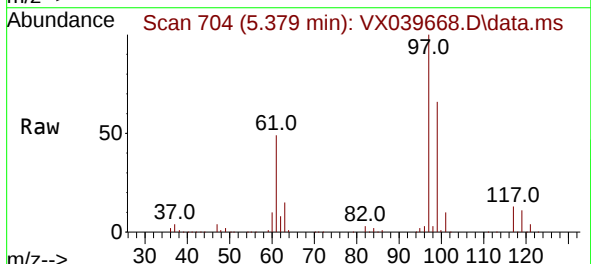
Manual Integrations
APPROVED

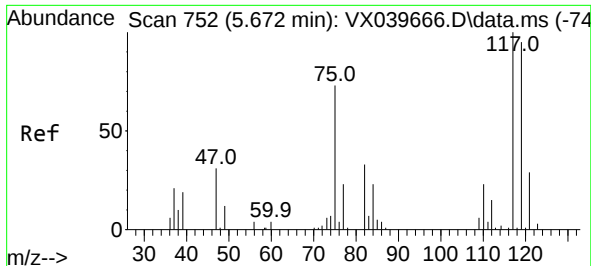
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#32
1,1,1-Trichloroethane
Concen: 107.228 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

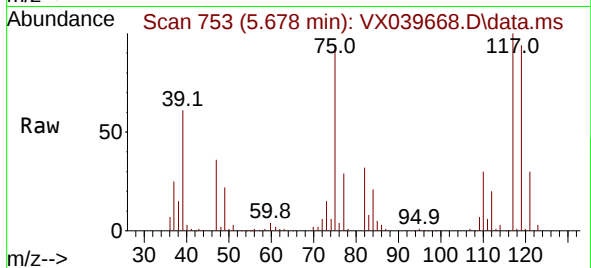
Tgt Ion: 97 Resp: 237388
Ion Ratio Lower Upper
97 100
99 64.4 52.6 79.0
61 47.5 36.9 55.3





#33
Carbon Tetrachloride
Concen: 110.164 ug/l
RT: 5.678 min Scan# 752
Delta R.T. 0.006 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

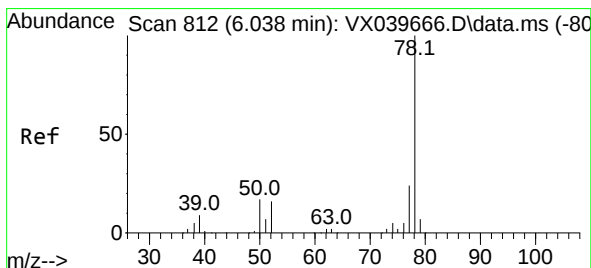
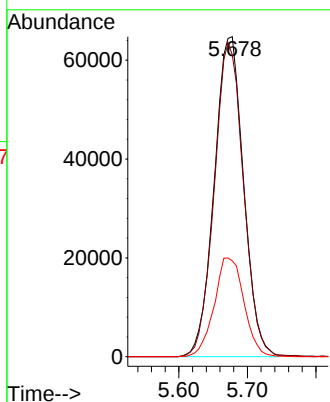
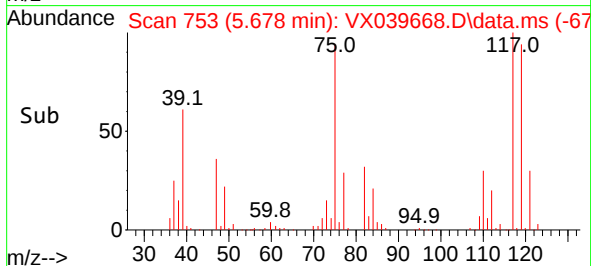
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



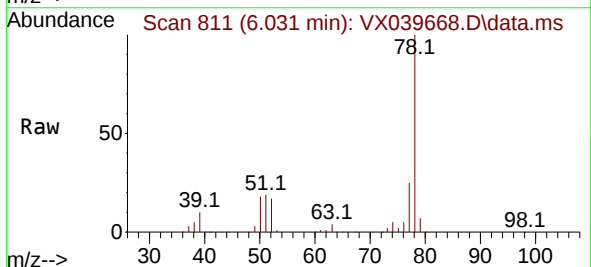
Tgt Ion: 117 Resp: 19226
Ion Ratio Lower Upper
117 100
119 94.3 78.2 117.4
121 29.9 24.7 37.1

Manual Integrations
APPROVED

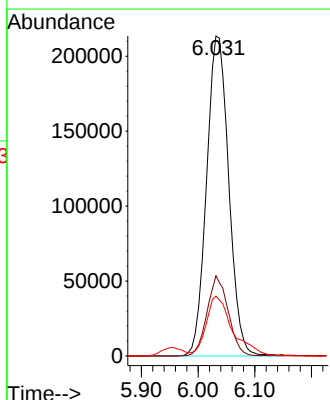
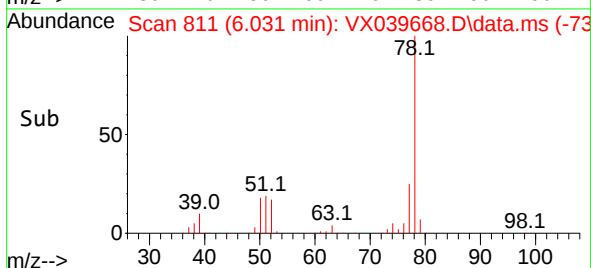
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024

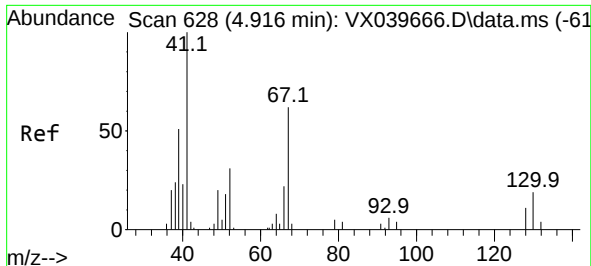


#34
Benzene
Concen: 102.210 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.007 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52



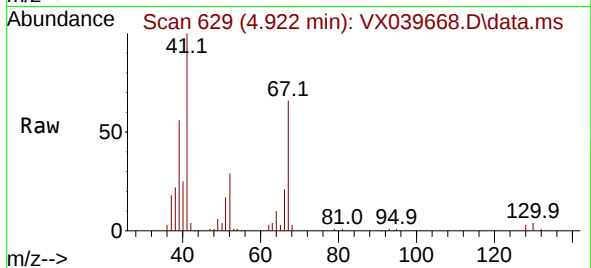
Tgt Ion: 78 Resp: 580793
Ion Ratio Lower Upper
78 100
77 25.1 19.3 28.9
51 18.6 14.4 21.6





#35
Methacrylonitrile
Concen: 104.694 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

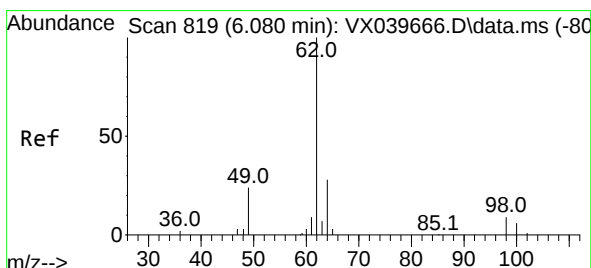
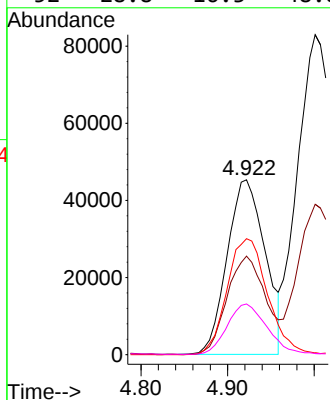
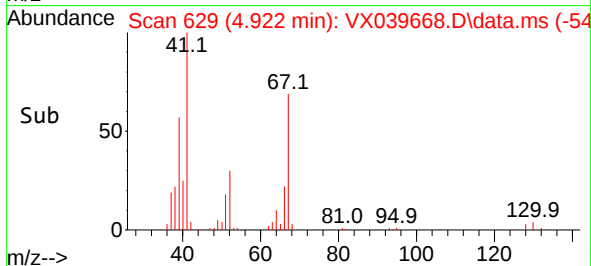
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 13839
Ion Ratio Lower Upper
41 100
39 56.4 28.2 84.7
67 66.4 34.5 103.5
52 28.8 16.3 48.8

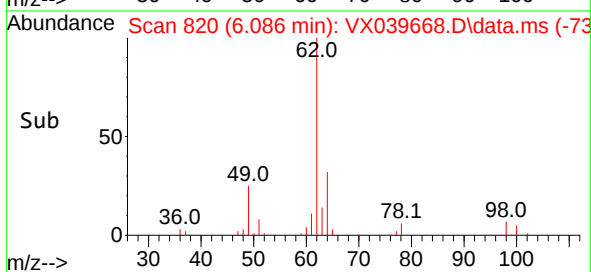
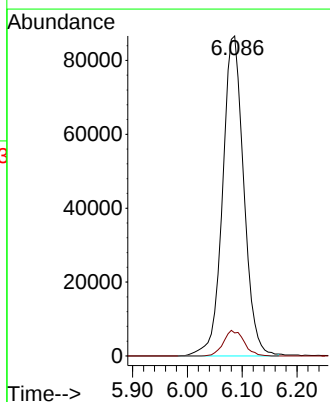
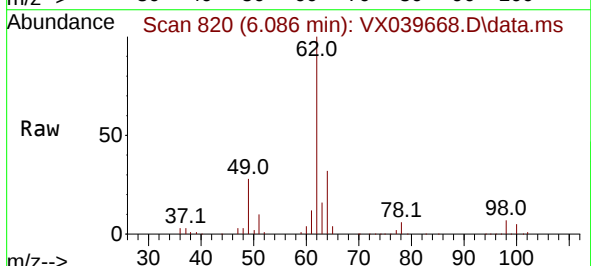
Manual Integrations
APPROVED

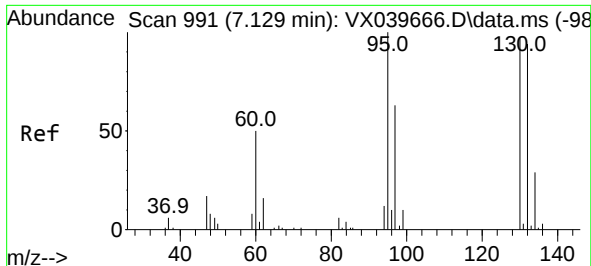
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#36
1,2-Dichloroethane
Concen: 104.350 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

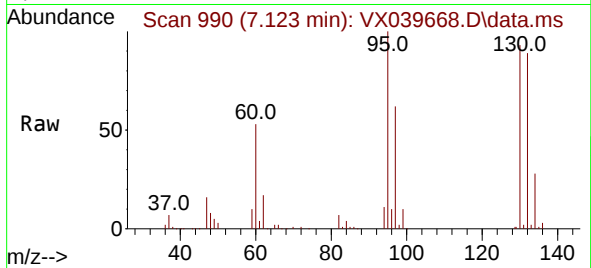
Tgt Ion: 62 Resp: 232518
Ion Ratio Lower Upper
62 100
98 7.8 7.0 10.4





#37
Trichloroethene
Concen: 103.727 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

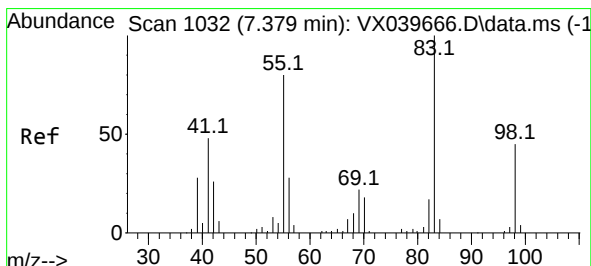
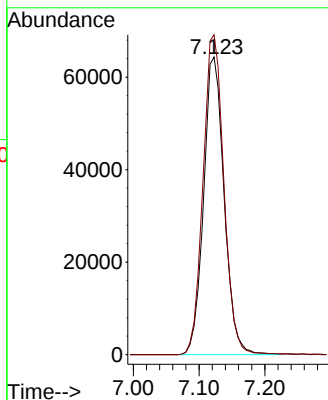
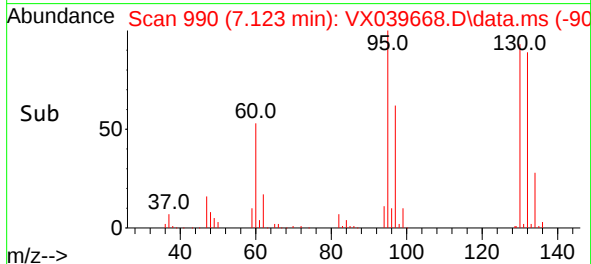
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



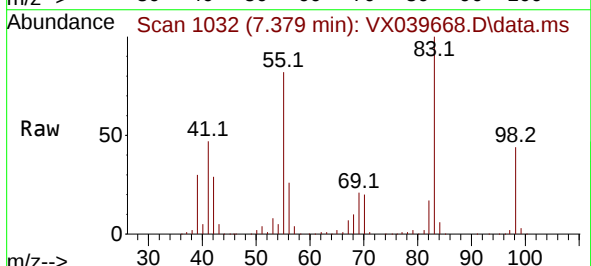
Tgt Ion:130 Resp: 140038
Ion Ratio Lower Upper
130 100
95 107.4 85.8 128.8

Manual Integrations
APPROVED

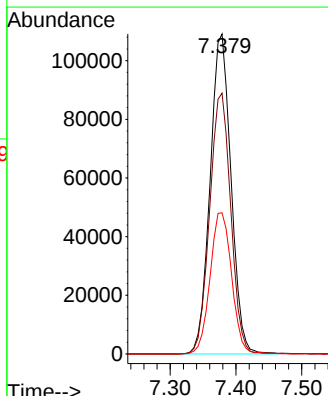
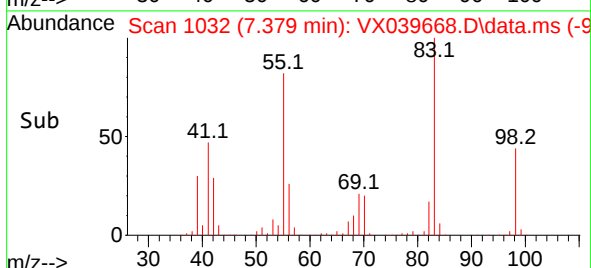
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024

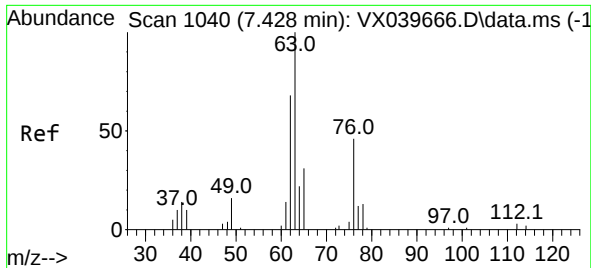


#38
Methylcyclohexane
Concen: 103.101 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52



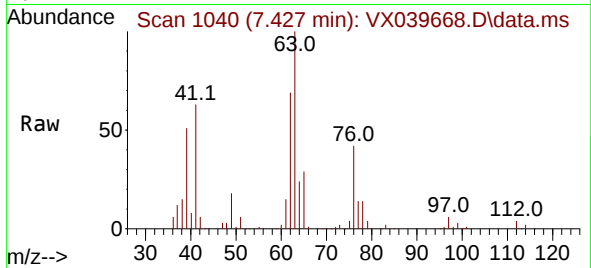
Tgt Ion: 83 Resp: 241626
Ion Ratio Lower Upper
83 100
55 82.1 38.6 116.0
98 45.6 22.3 66.8





#39
1,2-Dichloropropane
Concen: 102.329 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.001 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

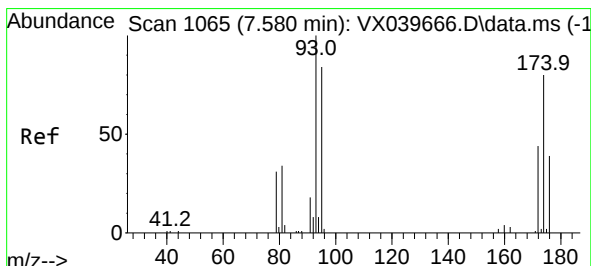
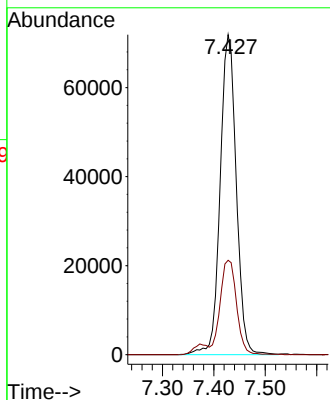
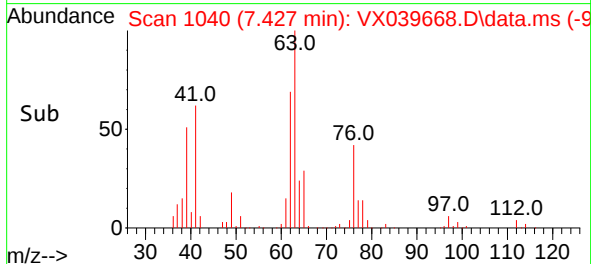
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 63 Resp: 15667
Ion Ratio Lower Upper
63 100
65 29.5 24.6 37.0

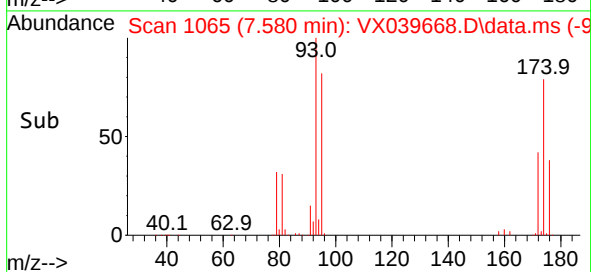
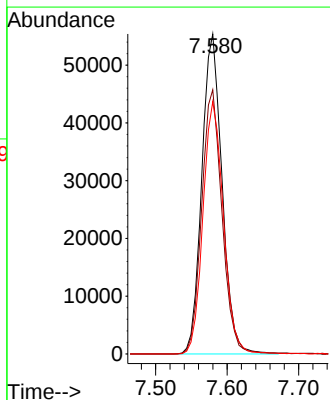
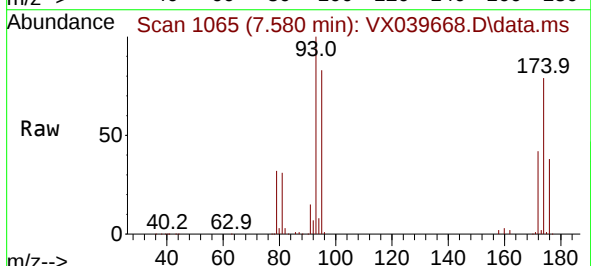
Manual Integrations
APPROVED

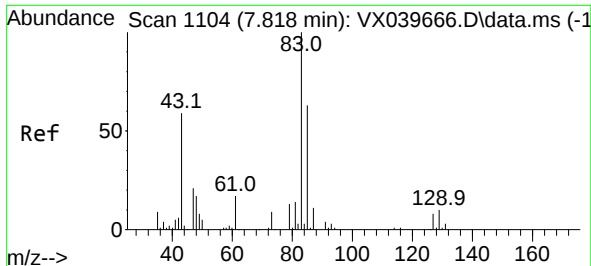
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#40
Dibromomethane
Concen: 105.377 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

Tgt Ion: 93 Resp: 108980
Ion Ratio Lower Upper
93 100
95 82.9 0.0 163.4
174 79.7 0.0 166.4





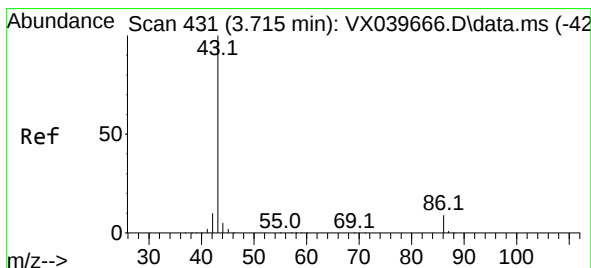
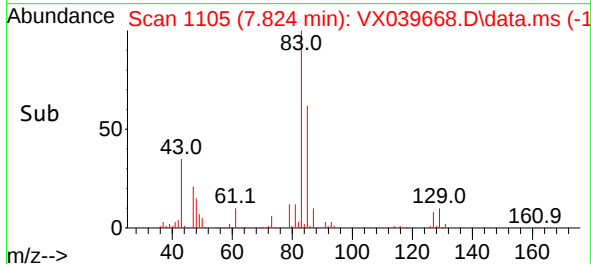
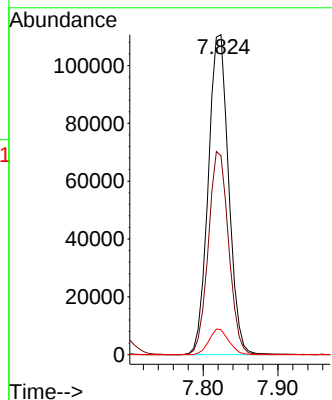
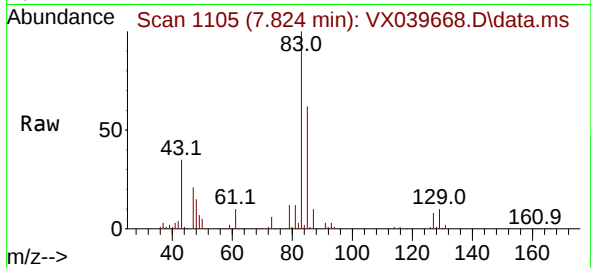
#41
Bromodichloromethane
Concen: 109.321 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 209500
Ion Ratio Lower Upper
83 100
85 62.2 50.8 76.2
127 7.8 5.9 8.9

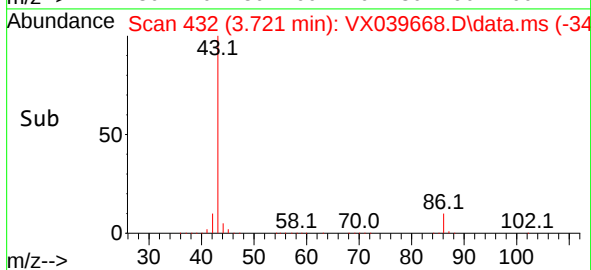
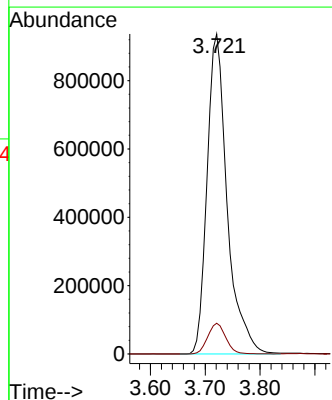
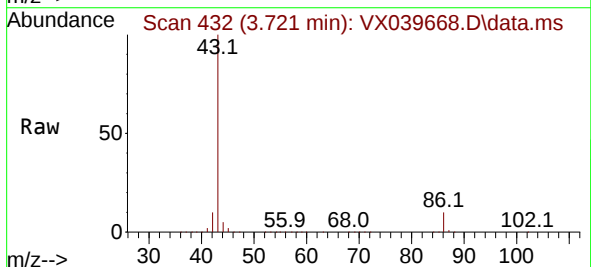
Manual Integrations
APPROVED

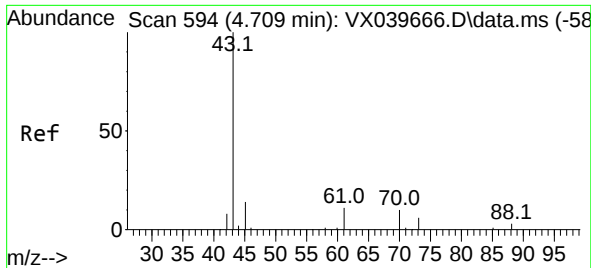
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#42
Vinyl Acetate
Concen: 524.130 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.006 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

Tgt Ion: 43 Resp: 2380833
Ion Ratio Lower Upper
43 100
86 8.6 6.7 10.1





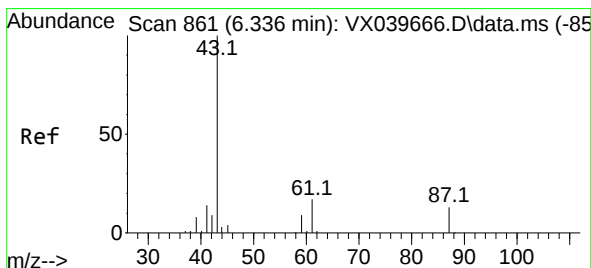
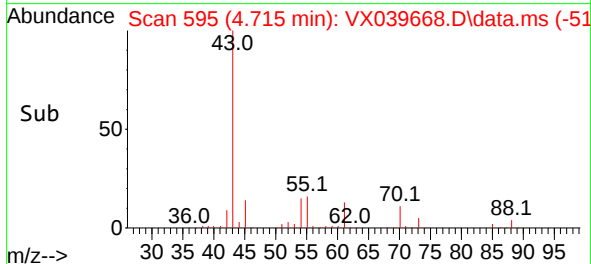
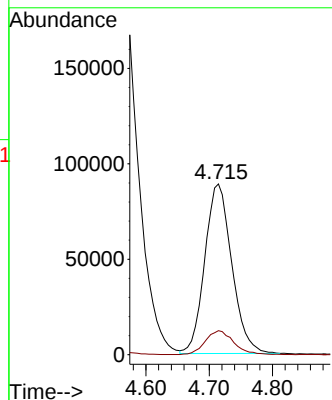
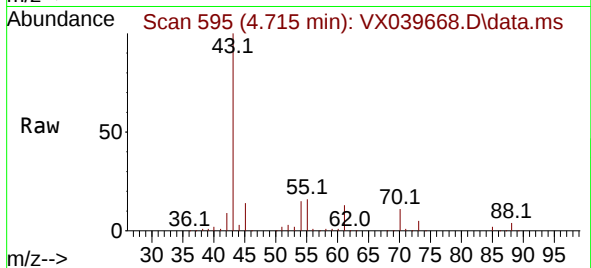
#43
Ethyl Acetate
Concen: 102.492 ug/l
RT: 4.715 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 263925
Ion Ratio Lower Upper
43 100
45 14.7 11.8 17.8

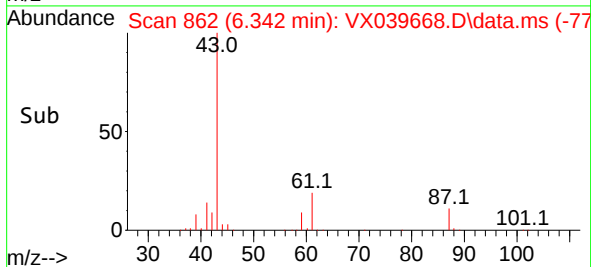
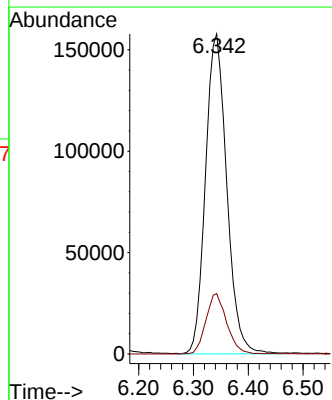
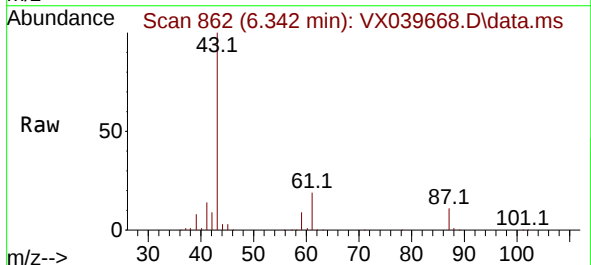
Manual Integrations
APPROVED

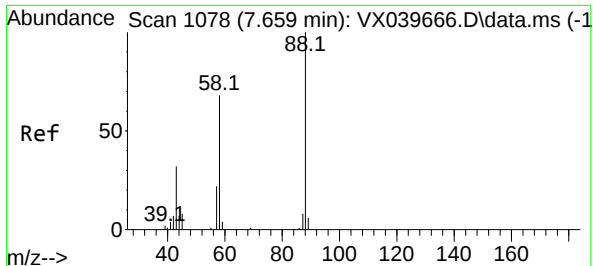
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#44
Isopropyl Acetate
Concen: 106.566 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

Tgt Ion: 43 Resp: 424220
Ion Ratio Lower Upper
43 100
61 18.3 15.6 23.4





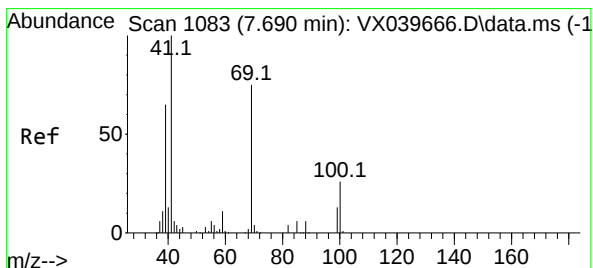
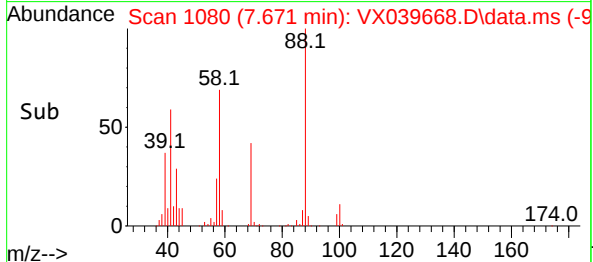
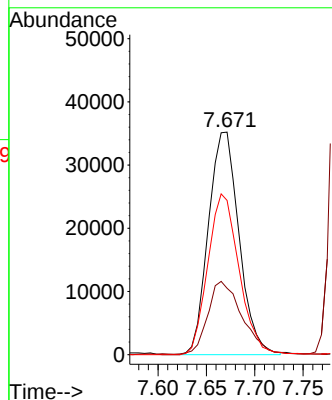
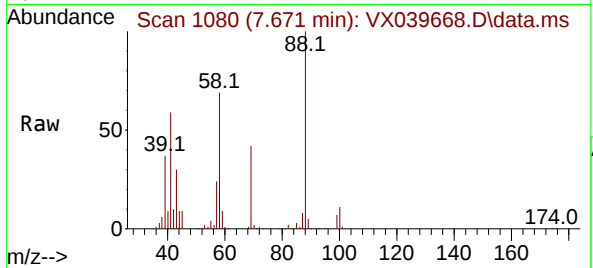
#45
1,4-Dioxane
Concen: 2024.062 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.012 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 88 Resp: 7768
Ion Ratio Lower Upper
88 100
43 36.3 28.1 42.1
58 73.6 57.7 86.5

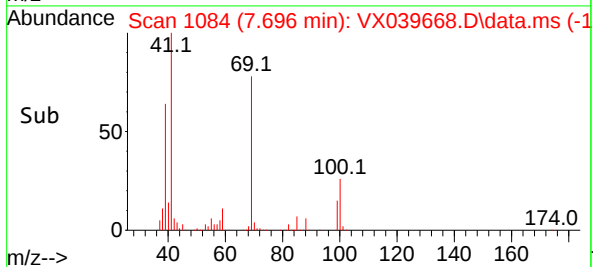
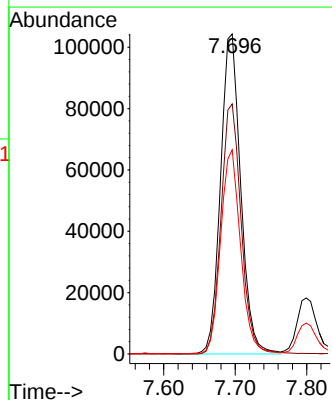
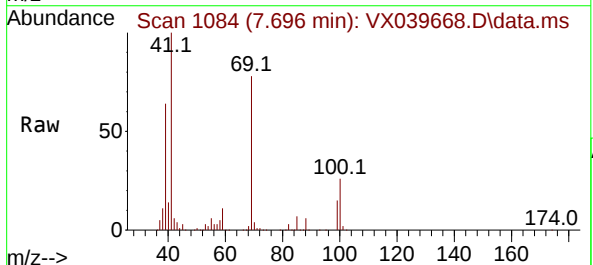
Manual Integrations
APPROVED

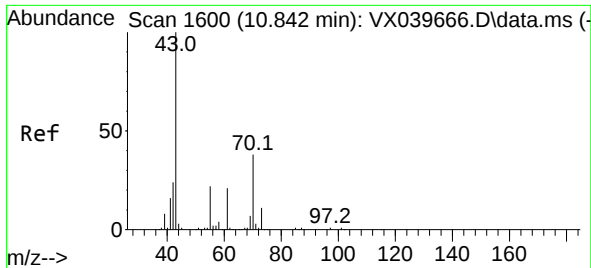
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#46
Methyl methacrylate
Concen: 107.011 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

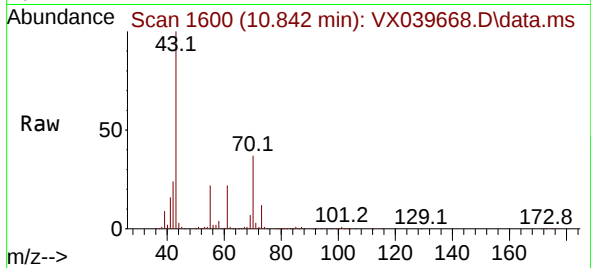
Tgt Ion: 41 Resp: 204590
Ion Ratio Lower Upper
41 100
69 78.1 39.6 118.8
39 63.7 30.1 90.3





#47
n-amyl acetate
Concen: 111.781 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

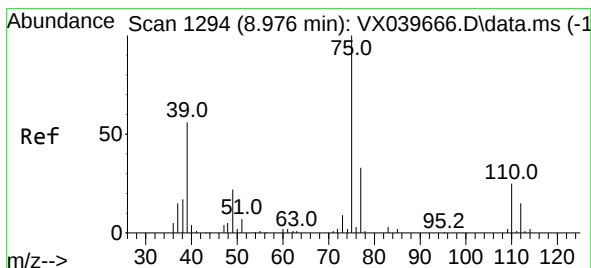
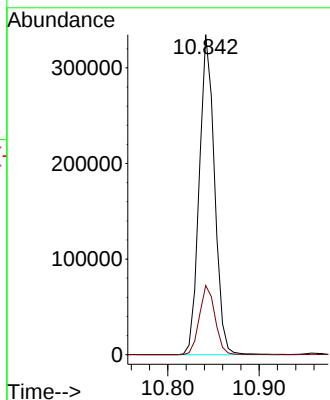
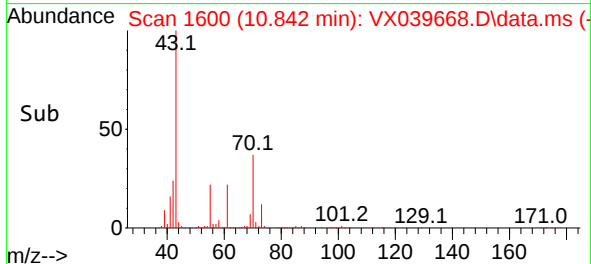
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 388610
Ion Ratio Lower Upper
43 100
55 22.1 18.2 27.2

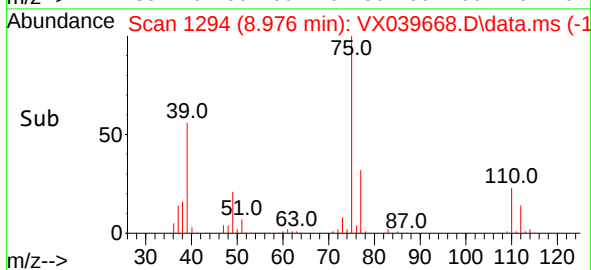
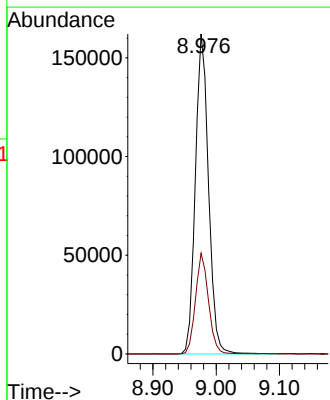
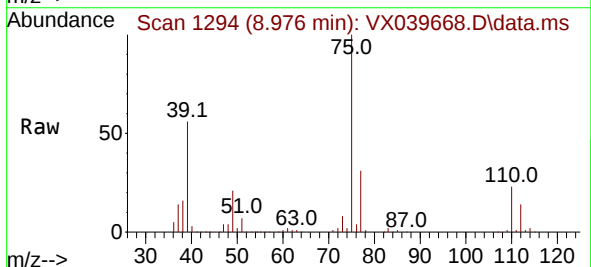
Manual Integrations
APPROVED

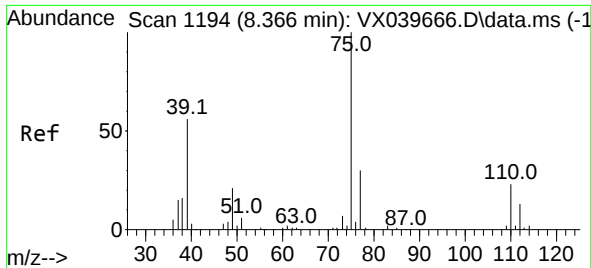
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#48
t-1,3-Dichloropropene
Concen: 114.150 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

Tgt Ion: 75 Resp: 235445
Ion Ratio Lower Upper
75 100
77 31.5 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 110.761 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039668.D

Acq: 08 Jan 2024 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 75 Resp: 250198

Ion Ratio Lower Upper

75 100

77 32.4 24.4 36.6

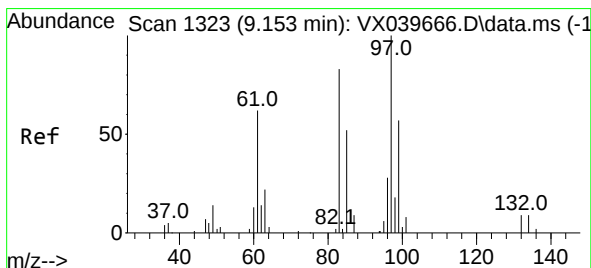
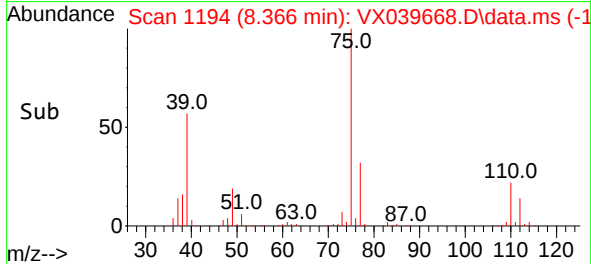
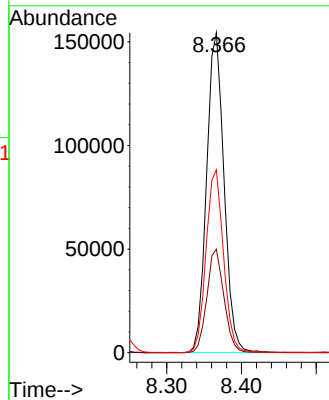
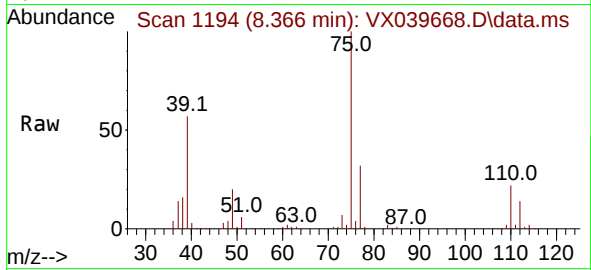
39 57.1 40.6 60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#50

1,1,2-Trichloroethane

Concen: 103.040 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX039668.D

Acq: 08 Jan 2024 17:52

Tgt Ion: 97 Resp: 146076

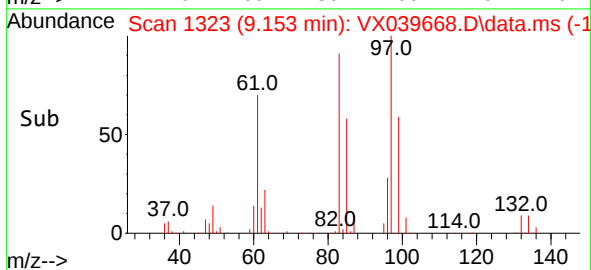
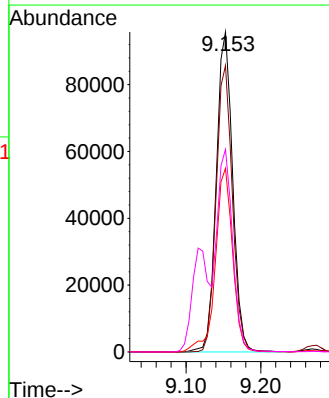
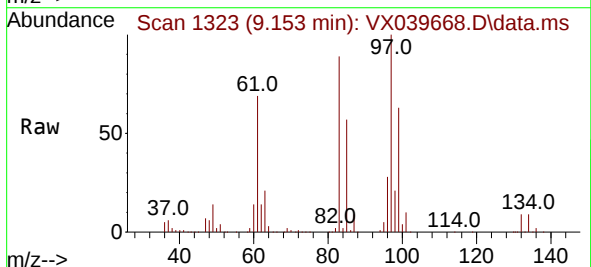
Ion Ratio Lower Upper

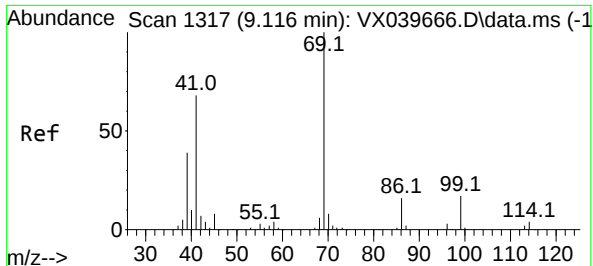
97 100

83 89.5 69.0 103.6

85 57.3 46.3 69.5

99 63.2 50.9 76.3





#51
Ethyl methacrylate
Concen: 107.993 ug/l
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

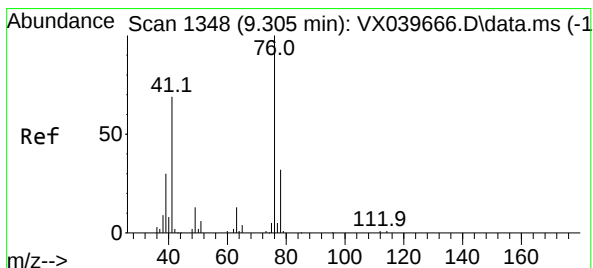
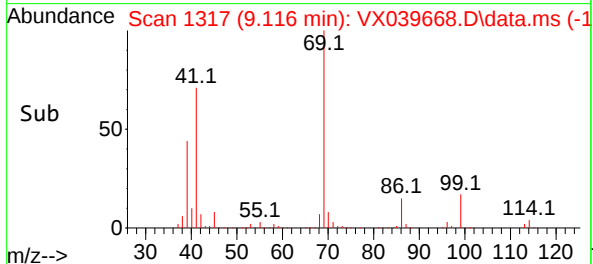
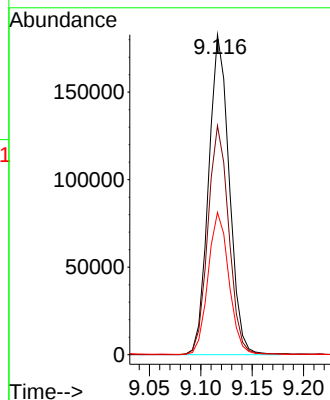
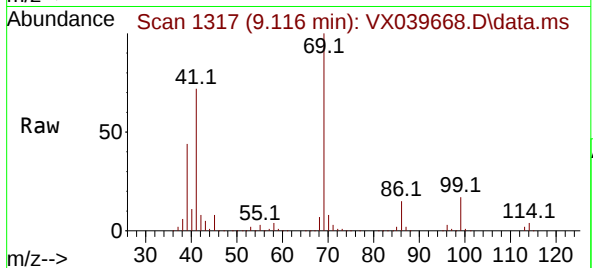
Tgt Ion: 69 Resp: 255744
Ion Ratio Lower Upper
69 100
41 71.5 36.2 108.6
39 44.3 21.1 63.4

Manual Integrations

APPROVED

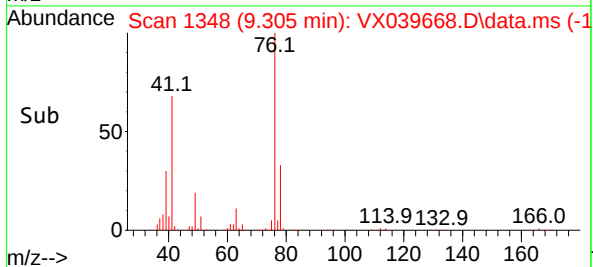
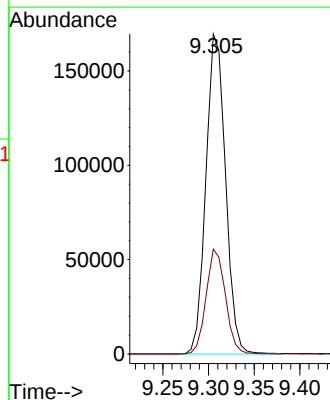
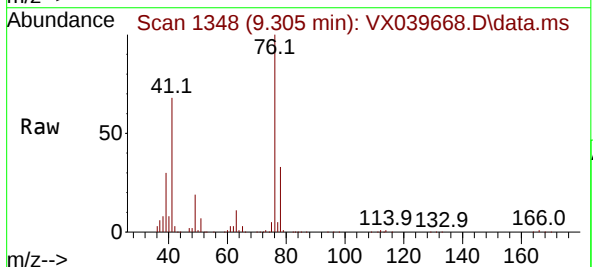
Reviewed By :John Carlone 01/09/2024

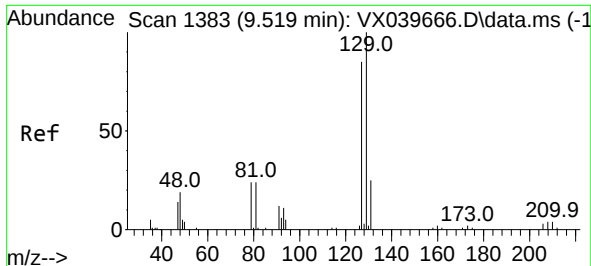
Supervised By :Mahesh Dadoda 01/09/2024



#52
1,3-Dichloropropane
Concen: 103.163 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

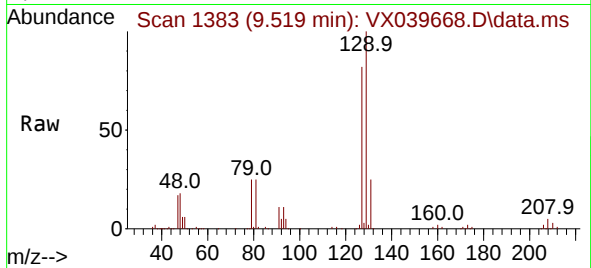
Tgt Ion: 76 Resp: 252375
Ion Ratio Lower Upper
76 100
78 32.2 0.0 65.0





#53
Dibromochloromethane
Concen: 111.993 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

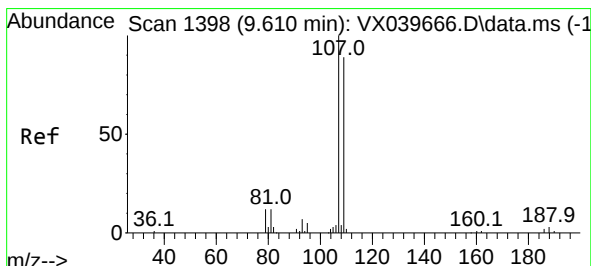
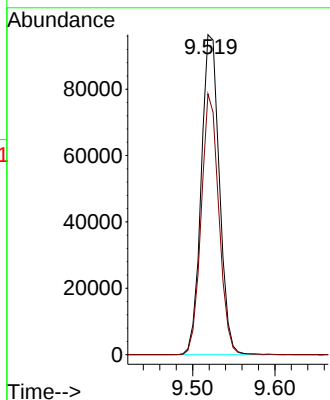
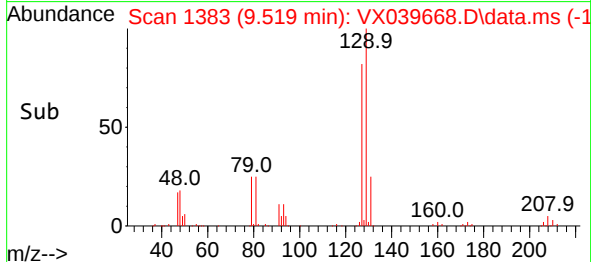
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:129 Resp: 14775
Ion Ratio Lower Upper
129 100
127 79.1 38.3 114.9

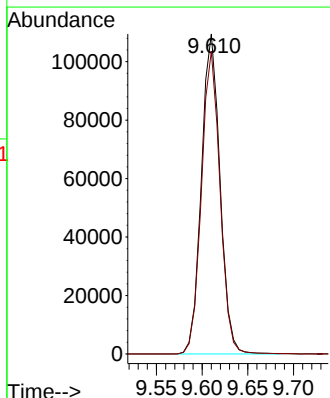
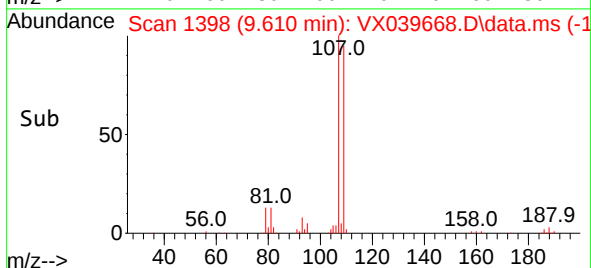
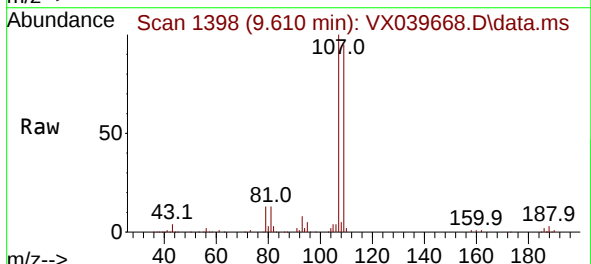
Manual Integrations
APPROVED

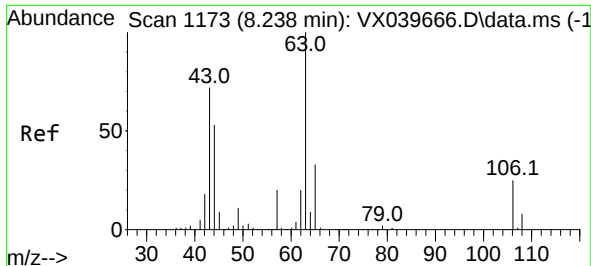
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#54
1,2-Dibromoethane
Concen: 104.460 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

Tgt Ion:107 Resp: 155200
Ion Ratio Lower Upper
107 100
109 94.2 75.1 112.7





#55

2-Chloroethyl vinyl ether

Concen: 513.449 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX039668.D

Acq: 08 Jan 2024 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 591659

Ion Ratio Lower Upper

63 100

65 32.3 25.8 38.6

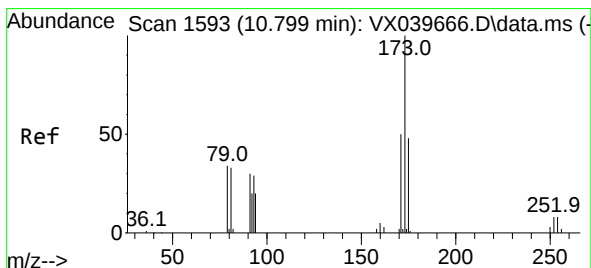
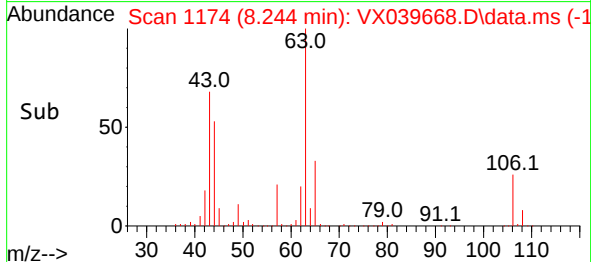
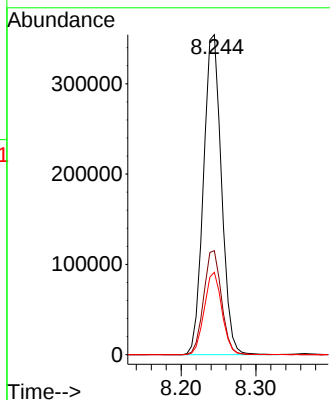
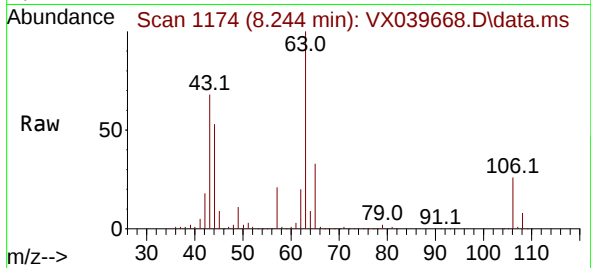
106 25.3 20.6 31.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#56

Bromoform

Concen: 117.404 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX039668.D

Acq: 08 Jan 2024 17:52

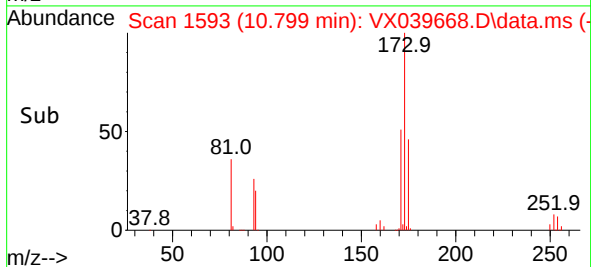
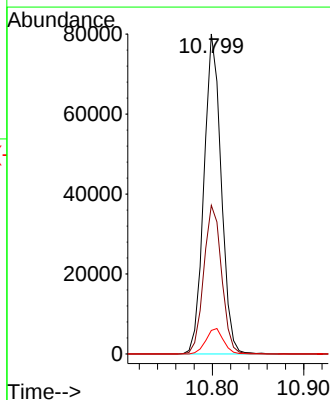
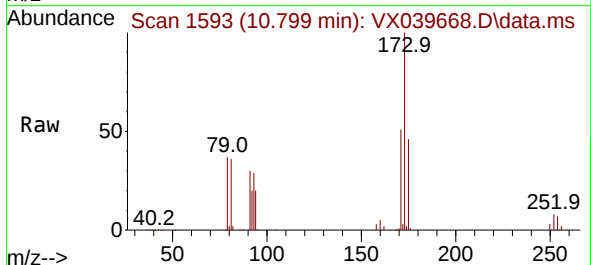
Tgt Ion:173 Resp: 104329

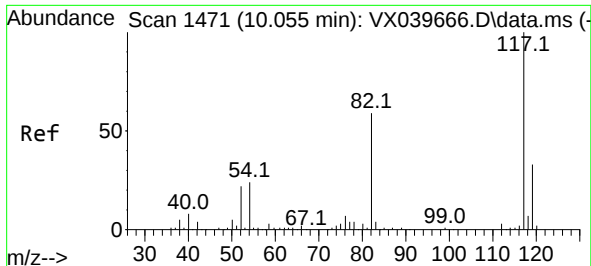
Ion Ratio Lower Upper

173 100

175 48.2 37.6 56.4

254 8.1 5.8 8.8





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX039668.D

Acq: 08 Jan 2024 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 117 Resp: 8154

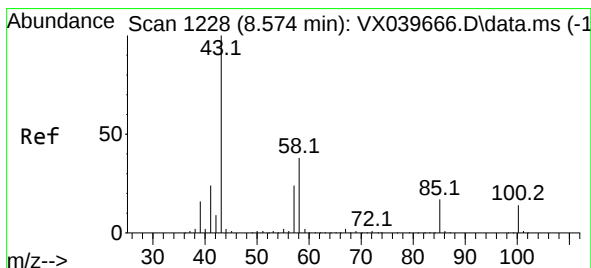
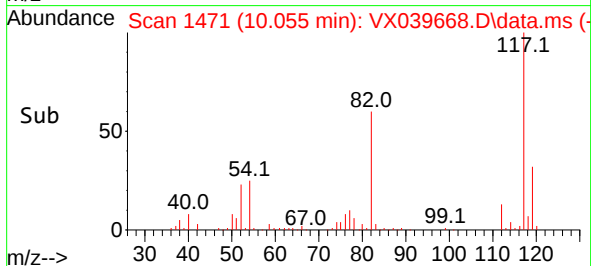
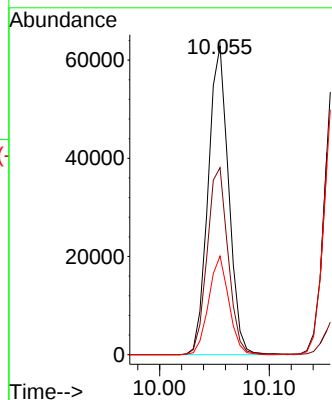
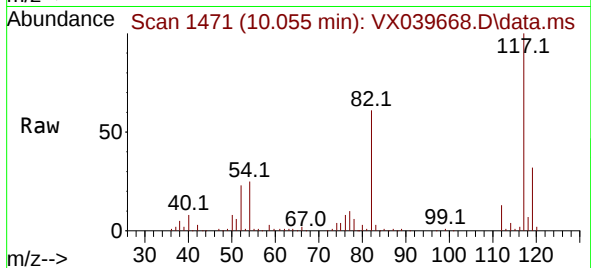
Ion	Ratio	Lower	Upper
117	100		
82	62.0	47.0	70.6
119	31.5	25.2	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#58

4-Methyl-2-Pentanone

Concen: 498.814 ug/l

RT: 8.580 min Scan# 1229

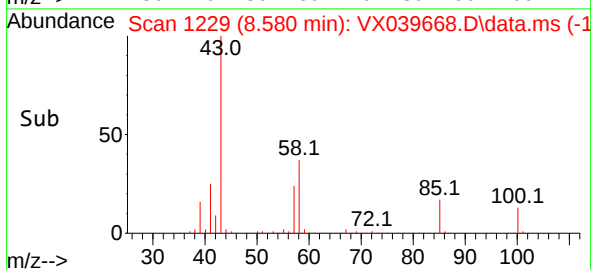
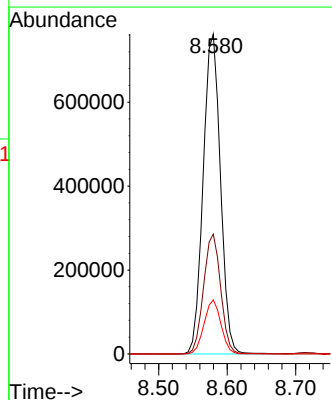
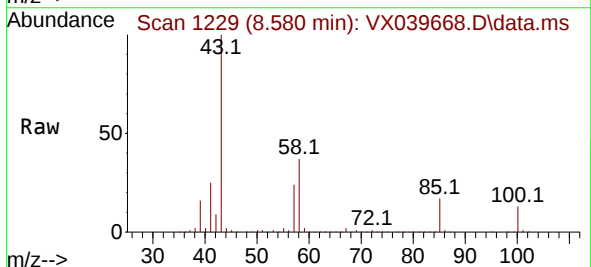
Delta R.T. 0.006 min

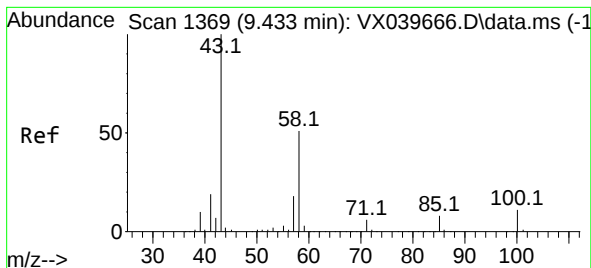
Lab File: VX039668.D

Acq: 08 Jan 2024 17:52

Tgt Ion: 43 Resp: 1337891

Ion	Ratio	Lower	Upper
43	100		
58	37.2	30.1	45.1
85	16.5	13.9	20.9





#59

2-Hexanone

Concen: 497.622 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX039668.D

Acq: 08 Jan 2024 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 108040

Ion Ratio Lower Upper

43 100

58 51.3 42.7 64.1

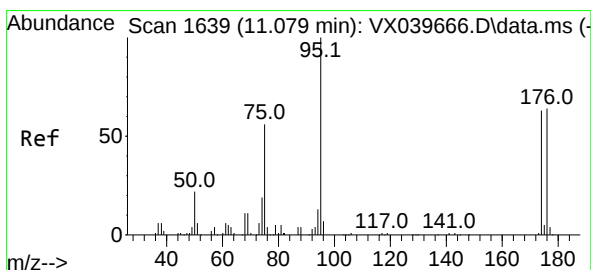
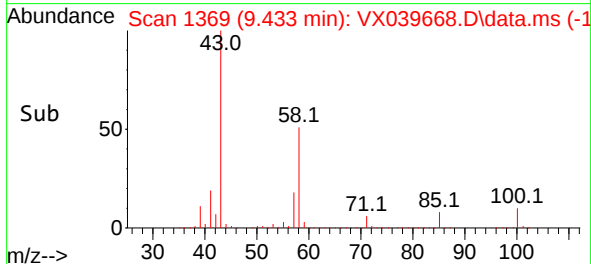
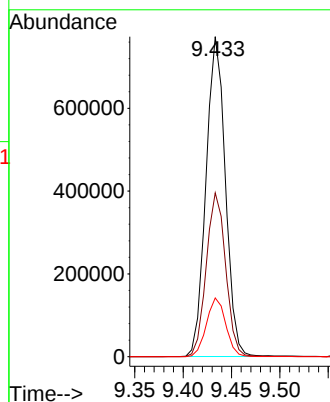
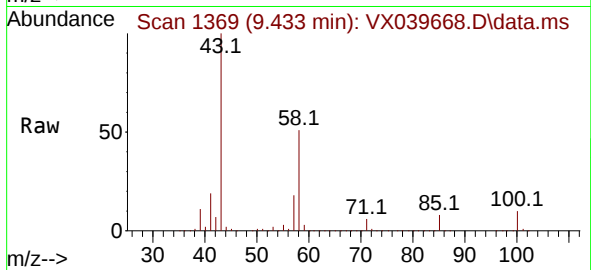
57 18.4 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#60

4-Bromofluorobenzene

Concen: 30.955 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX039668.D

Acq: 08 Jan 2024 17:52

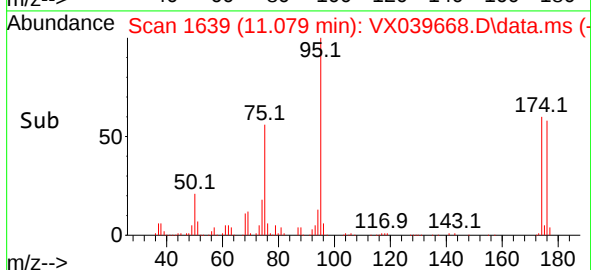
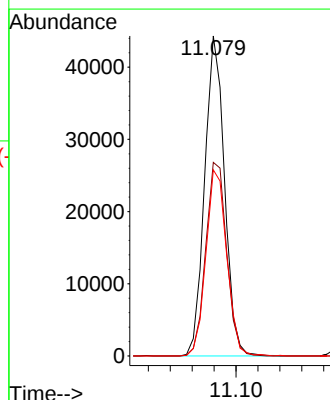
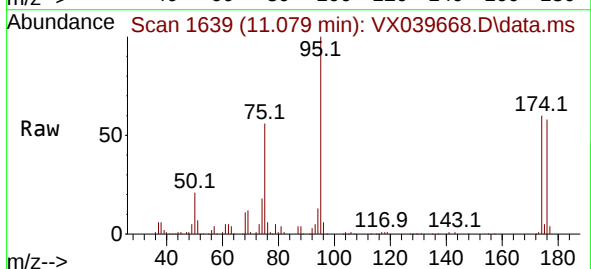
Tgt Ion: 95 Resp: 55672

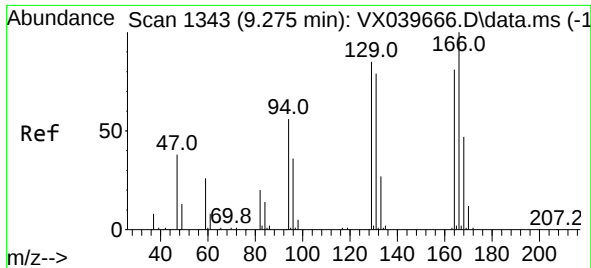
Ion Ratio Lower Upper

95 100

174 63.8 55.4 83.2

176 60.9 52.6 78.8





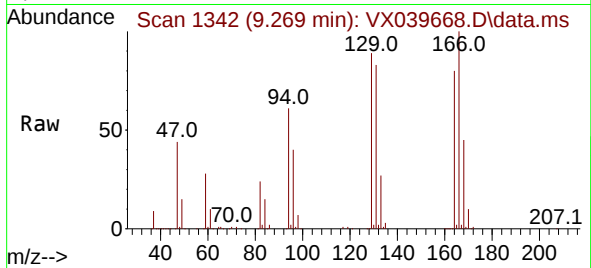
#61
Tetrachloroethene
Concen: 99.327 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100



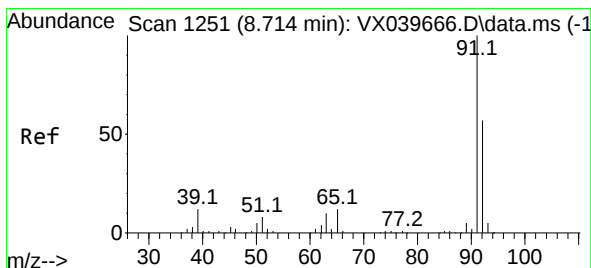
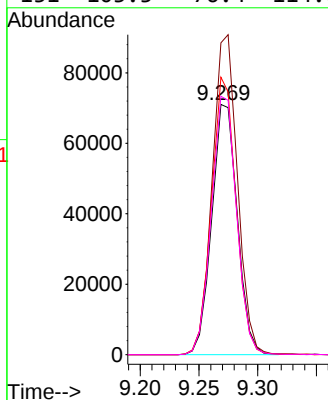
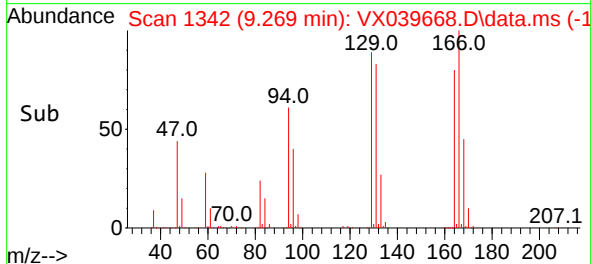
Tgt Ion:164 Resp: 107280
Ion Ratio Lower Upper
164 100
166 124.6 104.0 156.0
129 110.9 82.0 123.0
131 103.3 76.4 114.6

Manual Integrations

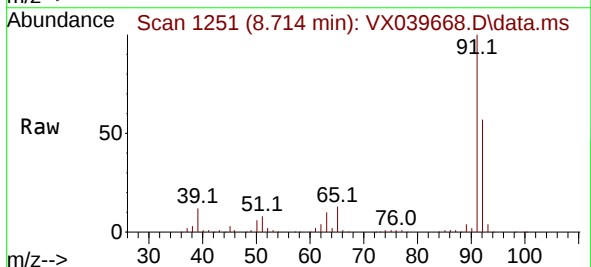
APPROVED

Reviewed By :John Carlone 01/09/2024

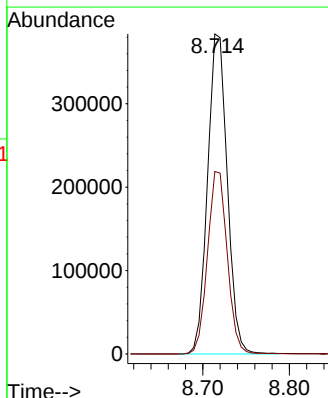
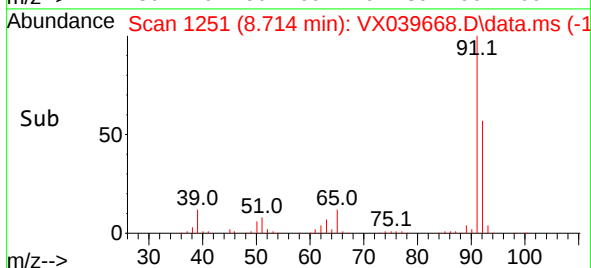
Supervised By :Mahesh Dadoda 01/09/2024

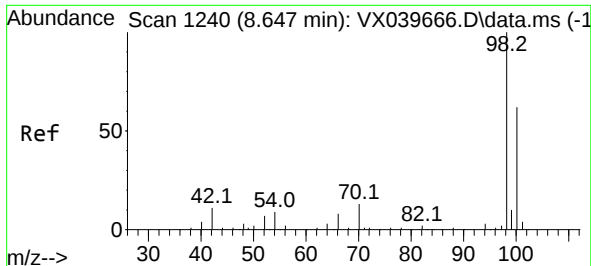


#62
Toluene
Concen: 100.447 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52



Tgt Ion: 91 Resp: 607198
Ion Ratio Lower Upper
91 100
92 57.1 45.9 68.9





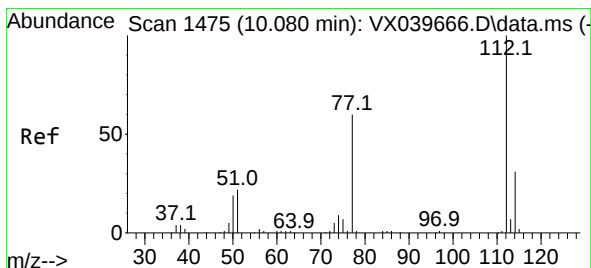
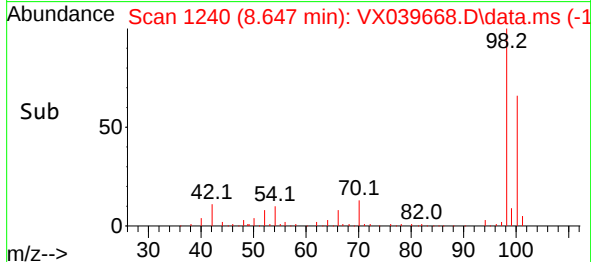
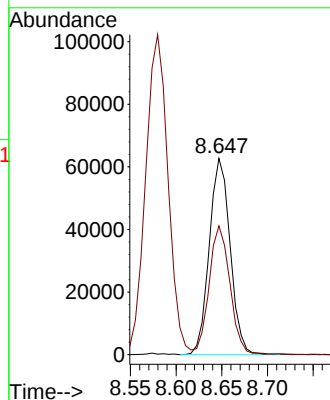
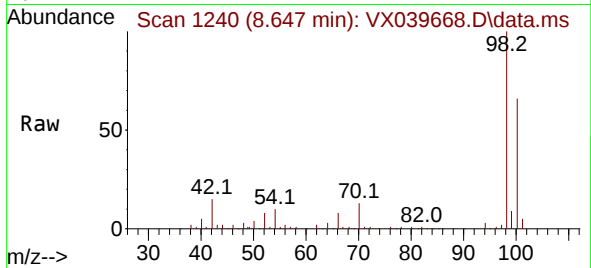
#63
Toluene-d8
Concen: 29.727 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 98 Resp: 99660
Ion Ratio Lower Upper
98 100
100 65.1 51.0 76.4

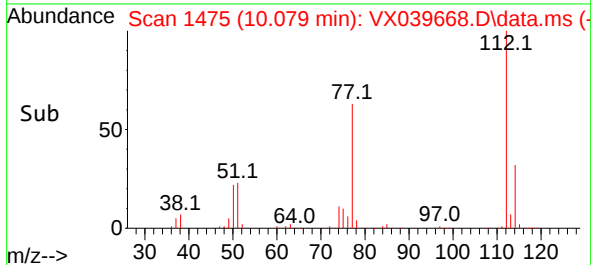
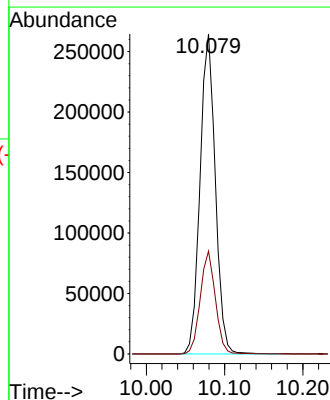
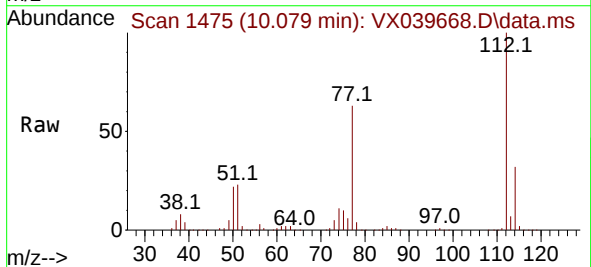
Manual Integrations
APPROVED

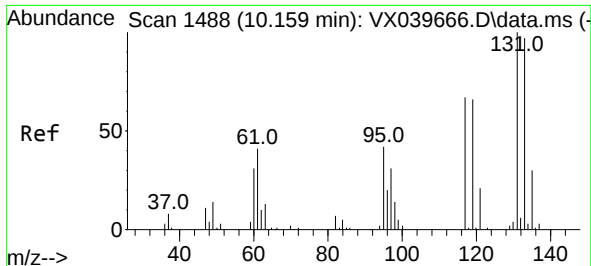
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#64
Chlorobenzene
Concen: 102.027 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

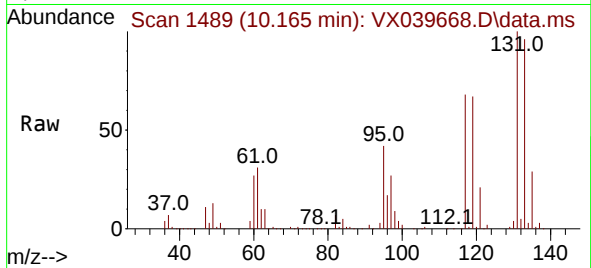
Tgt Ion:112 Resp: 358587
Ion Ratio Lower Upper
112 100
114 32.1 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 106.678 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

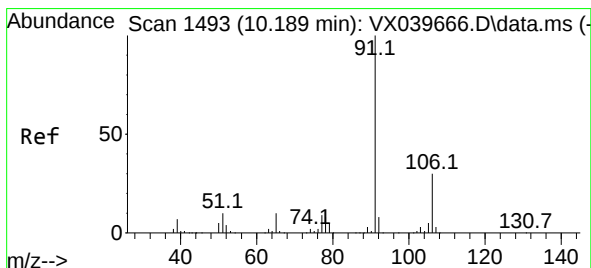
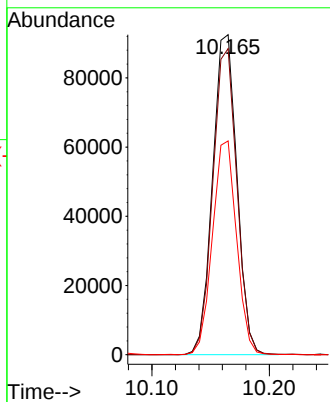
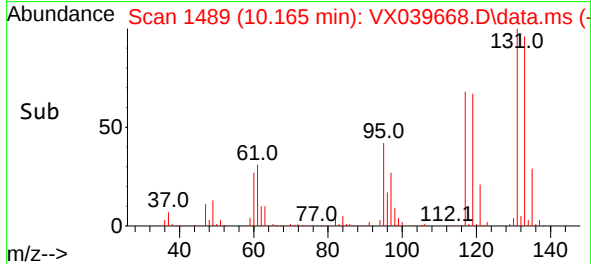
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



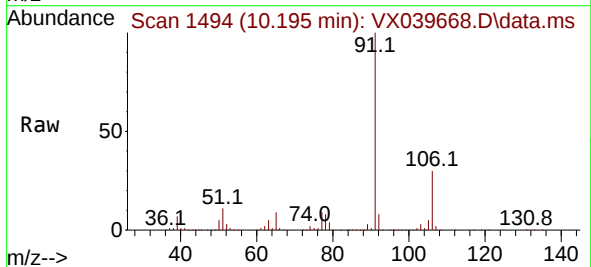
Tgt Ion:131 Resp: 133290
Ion Ratio Lower Upper
131 100
133 94.6 0.0 191.8
119 66.2 0.0 135.4

Manual Integrations
APPROVED

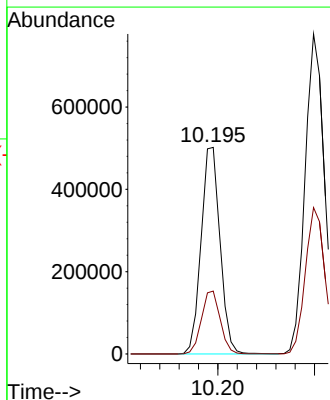
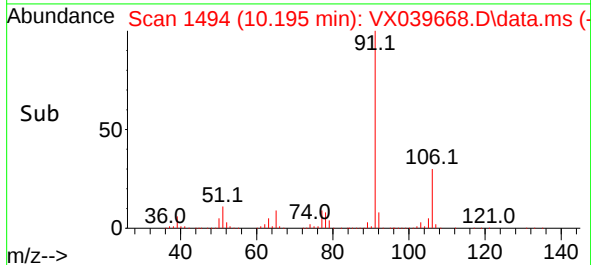
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024

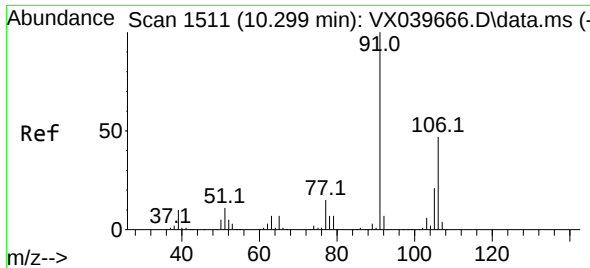


#66
Ethyl Benzene
Concen: 103.314 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52



Tgt Ion: 91 Resp: 685780
Ion Ratio Lower Upper
91 100
106 30.5 24.4 36.6





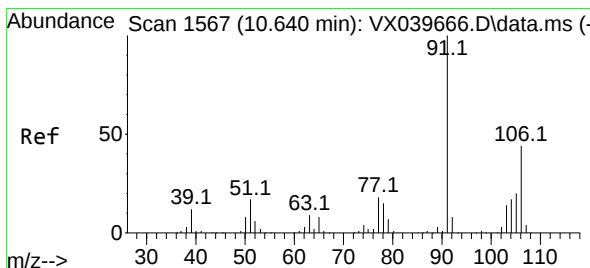
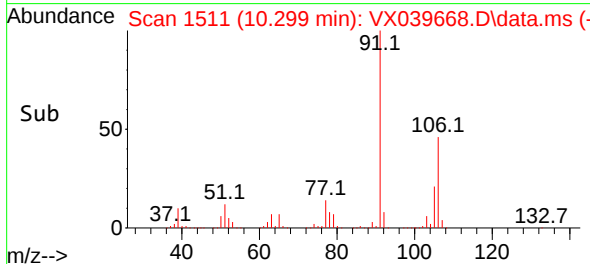
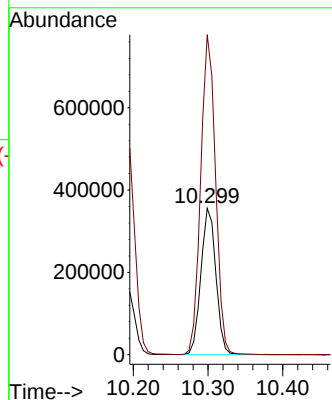
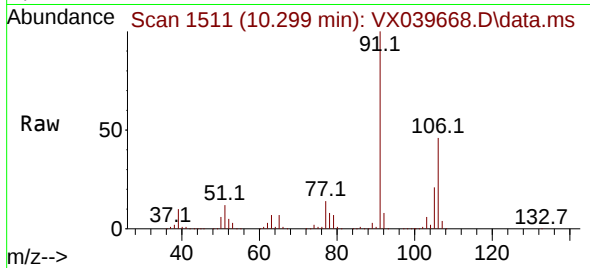
#67
m/p-Xylenes
Concen: 203.737 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 493980
Ion Ratio Lower Upper
106 100
91 217.1 169.4 254.0

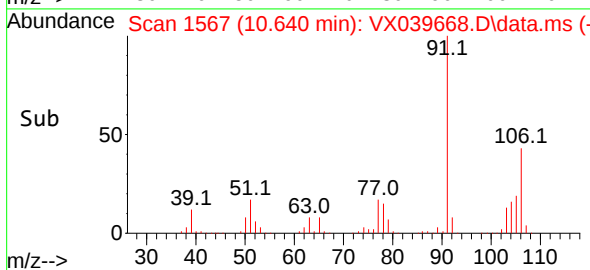
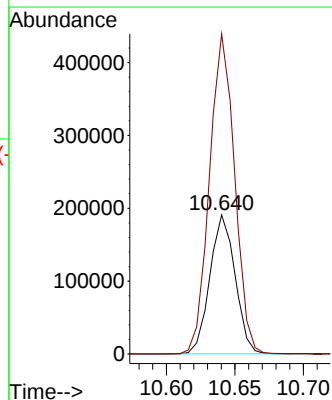
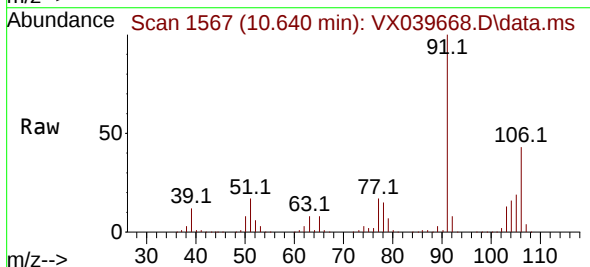
Manual Integrations
APPROVED

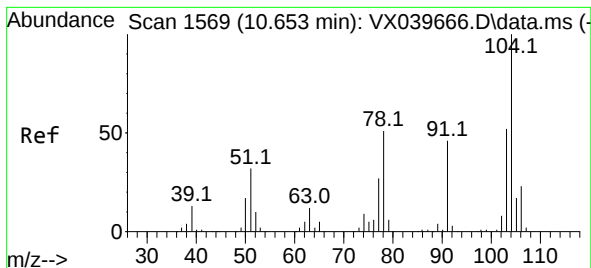
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#68
o-Xylene
Concen: 100.042 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

Tgt Ion:106 Resp: 243515
Ion Ratio Lower Upper
106 100
91 230.3 111.2 333.6





#69

Styrene

Concen: 105.564 ug/l

RT: 10.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039668.D

Acq: 08 Jan 2024 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

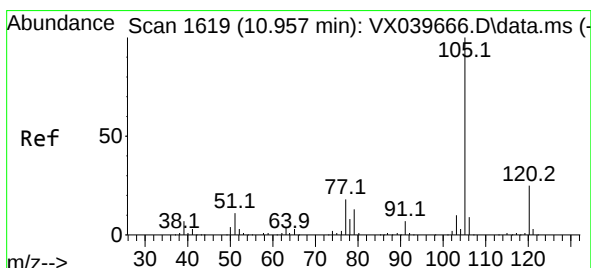
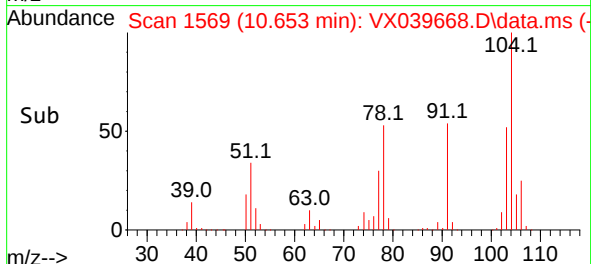
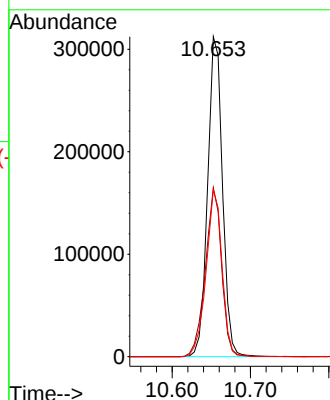
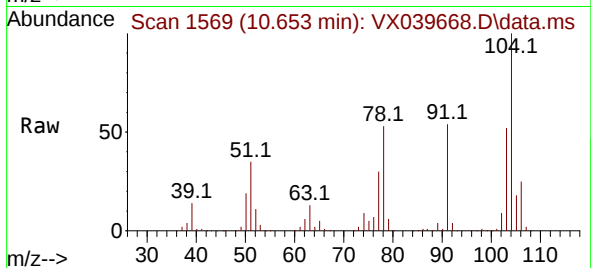
Tgt Ion:104 Resp: 410793
 Ion Ratio Lower Upper
 104 100
 78 57.4 43.7 65.5
 103 56.1 44.6 67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#70

Isopropylbenzene

Concen: 102.204 ug/l

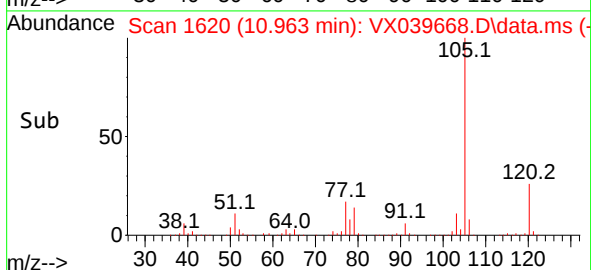
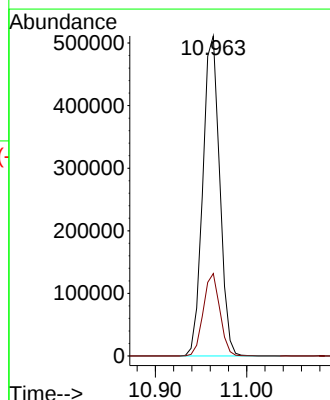
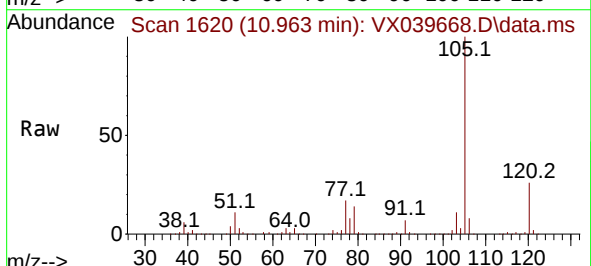
RT: 10.963 min Scan# 1620

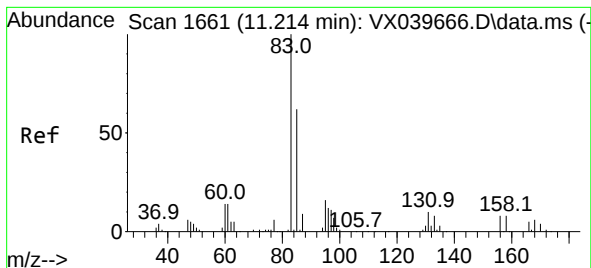
Delta R.T. 0.006 min

Lab File: VX039668.D

Acq: 08 Jan 2024 17:52

Tgt Ion:105 Resp: 656620
 Ion Ratio Lower Upper
 105 100
 120 25.3 18.5 34.3





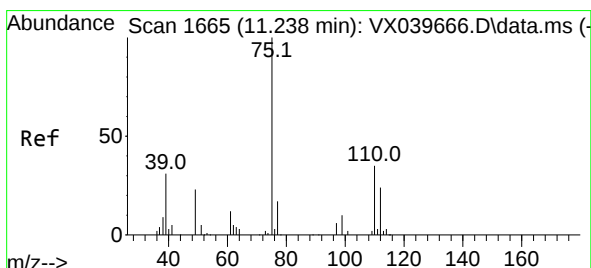
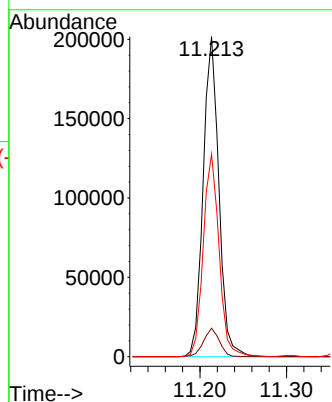
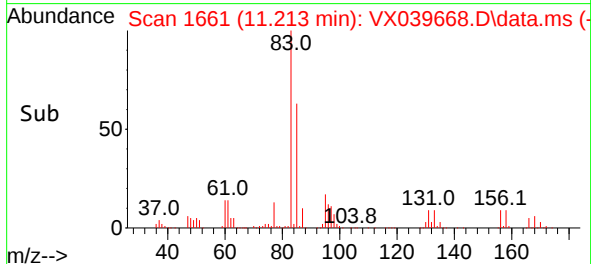
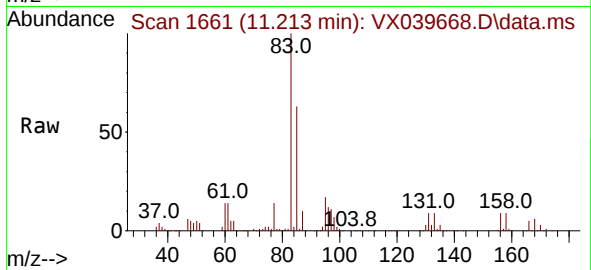
#71
1,1,2,2-Tetrachloroethane
Concen: 102.773 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.001 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 253600
Ion Ratio Lower Upper
83 100
131 9.0 4.6 13.8
85 63.5 32.5 97.4

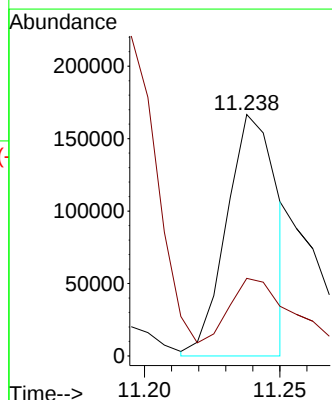
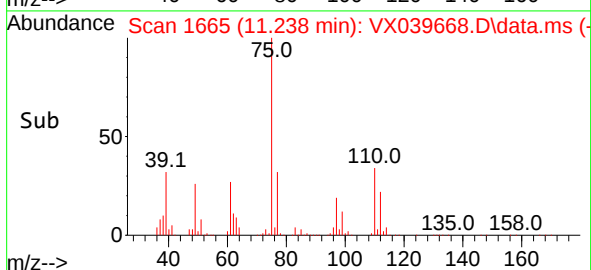
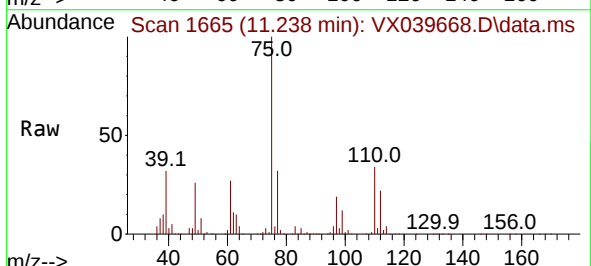
Manual Integrations
APPROVED

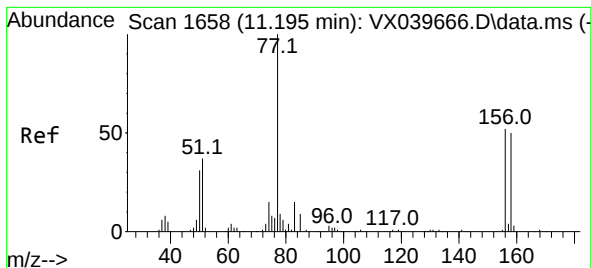
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#72
1,2,3-Trichloropropane
Concen: 102.172 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

Tgt Ion: 75 Resp: 215049
Ion Ratio Lower Upper
75 100
77 44.5 0.0 76.4





#73

Bromobenzene

Concen: 100.729 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039668.D

Acq: 08 Jan 2024 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:156 Resp: 142878

Ion Ratio Lower Upper

156 100

77 196.2 0.0 363.2

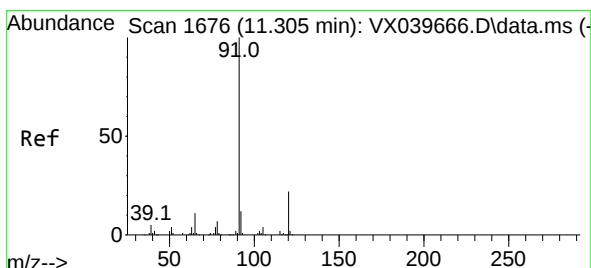
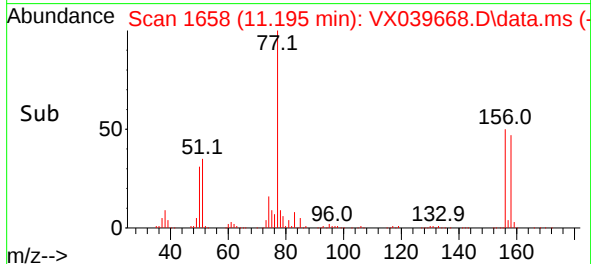
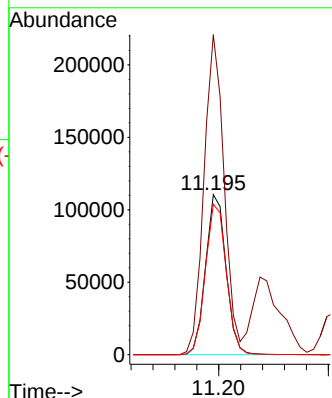
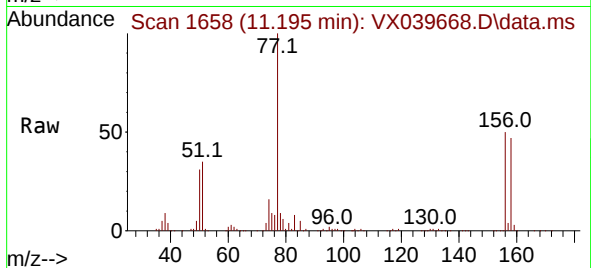
158 96.3 0.0 197.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#74

n-propylbenzene

Concen: 106.069 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX039668.D

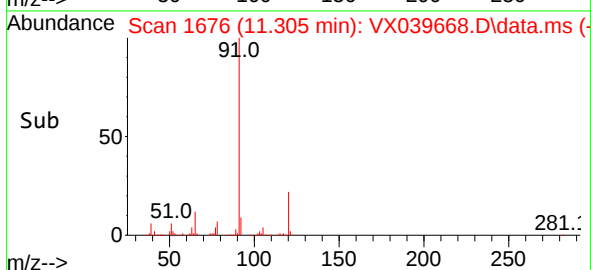
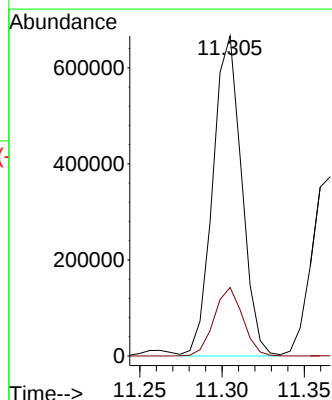
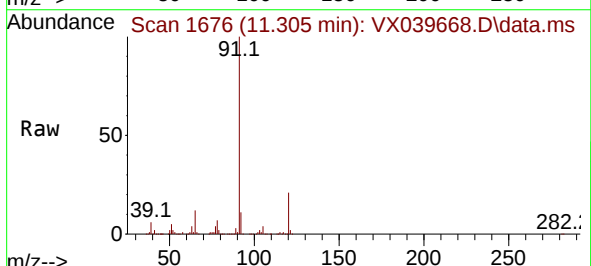
Acq: 08 Jan 2024 17:52

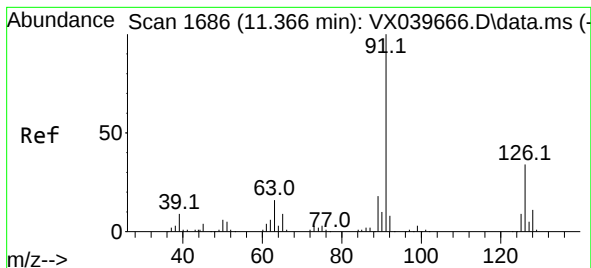
Tgt Ion: 91 Resp: 812499

Ion Ratio Lower Upper

91 100

120 21.2 0.0 43.4





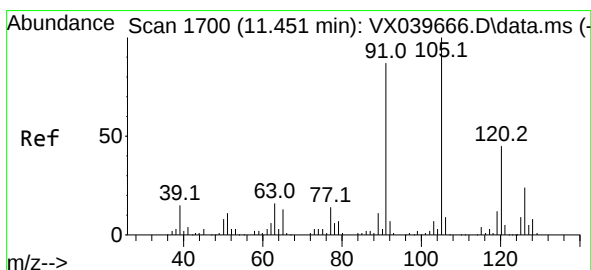
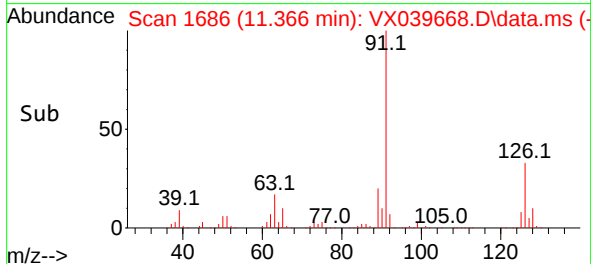
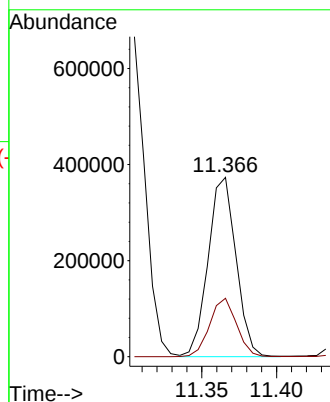
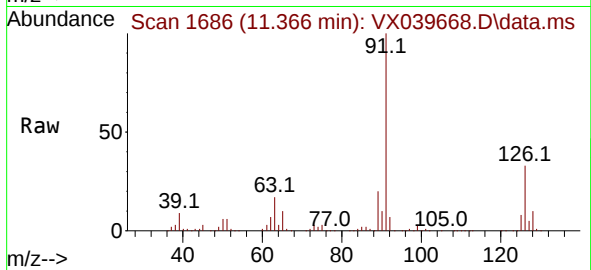
#75
2-Chlorotoluene
Concen: 101.815 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 48452
Ion Ratio Lower Upper
91 100
126 31.4 0.0 64.2

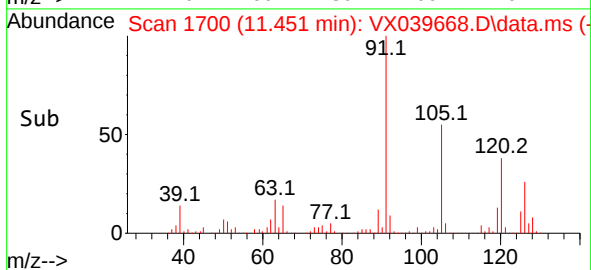
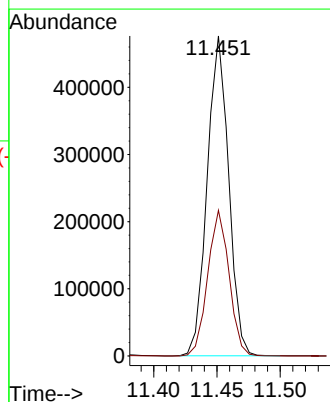
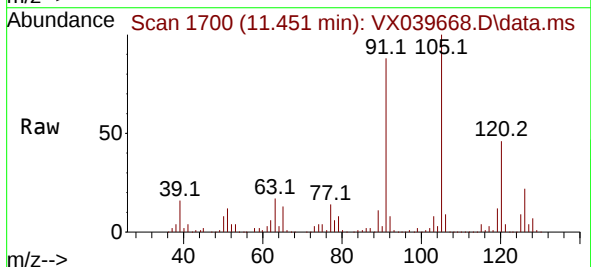
Manual Integrations
APPROVED

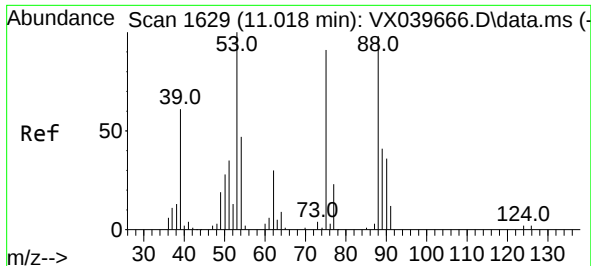
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#76
1,3,5-Trimethylbenzene
Concen: 102.314 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

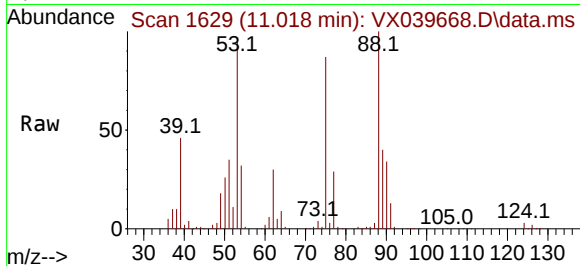
Tgt Ion:105 Resp: 561553
Ion Ratio Lower Upper
105 100
120 45.4 0.0 92.6





#77
t-1,4-Dichloro-2-butene
Concen: 122.377 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

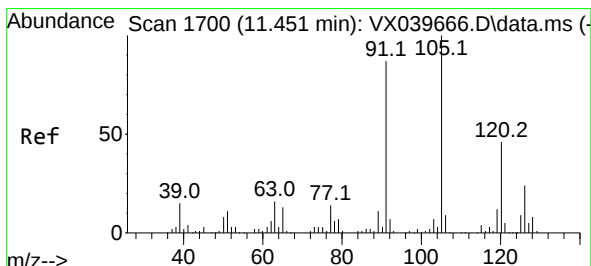
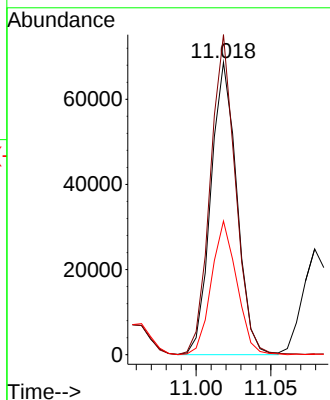
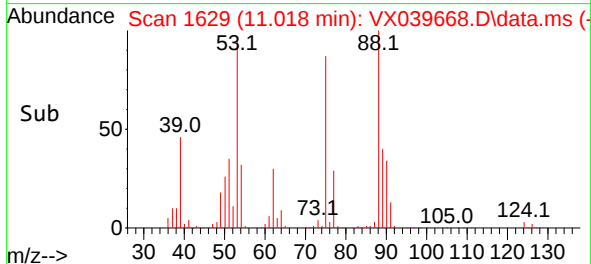
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 8289
Ion Ratio Lower Upper
75 100
53 109.5 46.9 140.8
89 45.8 21.3 63.7

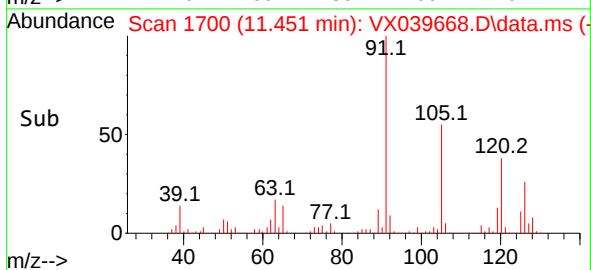
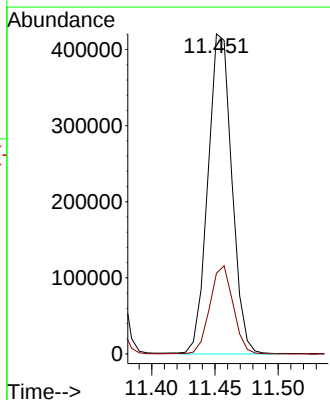
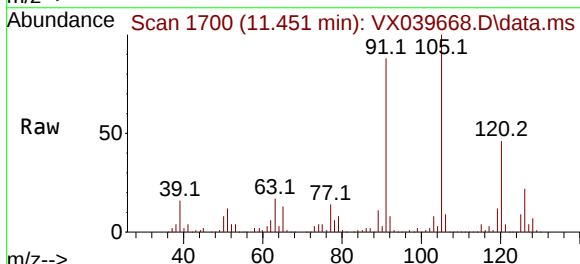
Manual Integrations
APPROVED

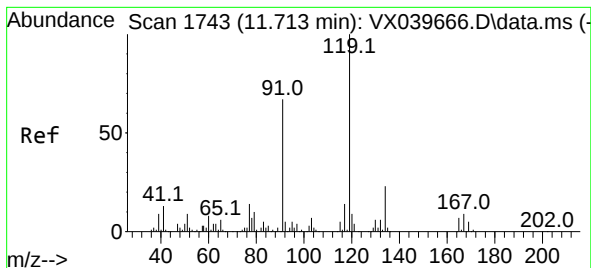
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#78
4-Chlorotoluene
Concen: 104.977 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

Tgt Ion: 91 Resp: 554087
Ion Ratio Lower Upper
91 100
126 26.7 0.0 57.4





#79

tert-butylbenzene

Concen: 103.616 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX039668.D

Acq: 08 Jan 2024 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:119 Resp: 538864

Ion Ratio Lower Upper

119 100

91 66.4 0.0 125.6

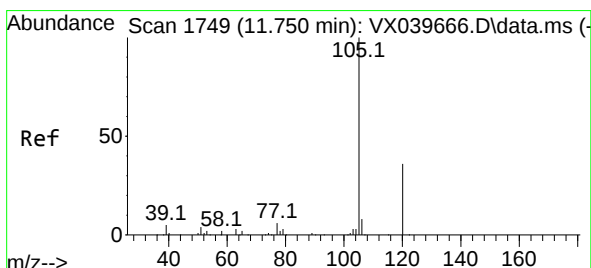
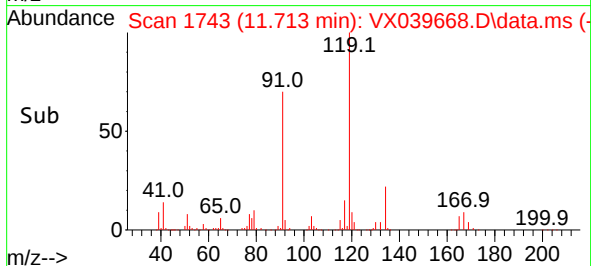
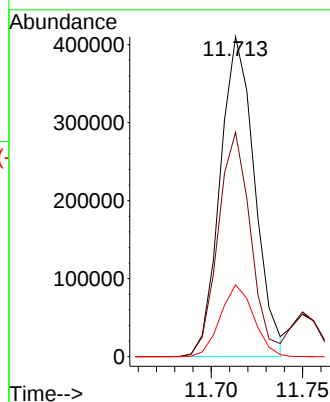
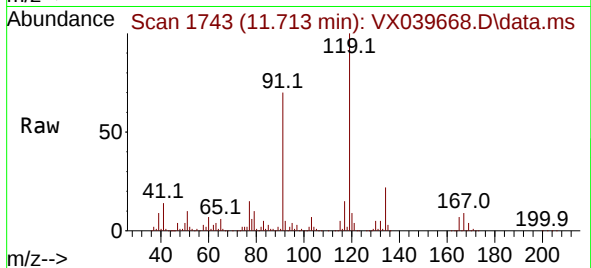
134 21.7 0.0 43.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#80

1,2,4-Trimethylbenzene

Concen: 104.586 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX039668.D

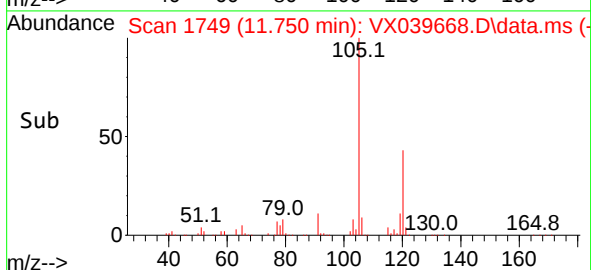
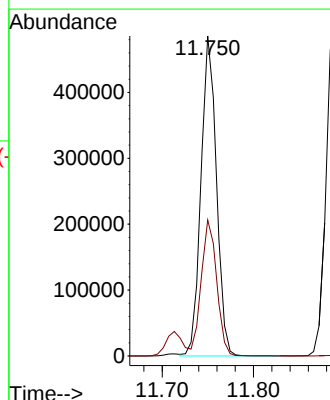
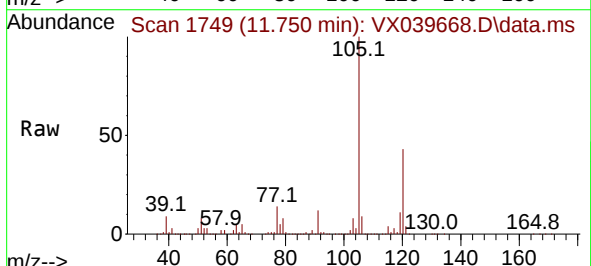
Acq: 08 Jan 2024 17:52

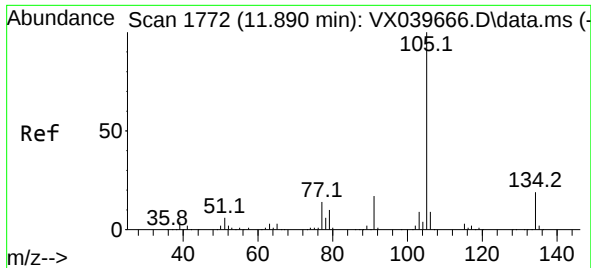
Tgt Ion:105 Resp: 569677

Ion Ratio Lower Upper

105 100

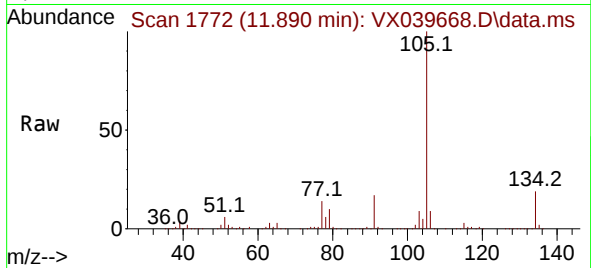
120 42.1 0.0 86.4





#81
 sec-Butylbenzene
 Concen: 105.239 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039668.D
 Acq: 08 Jan 2024 17:52

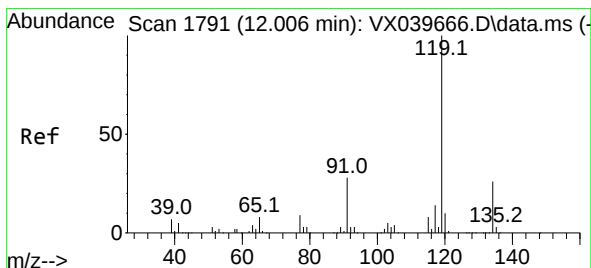
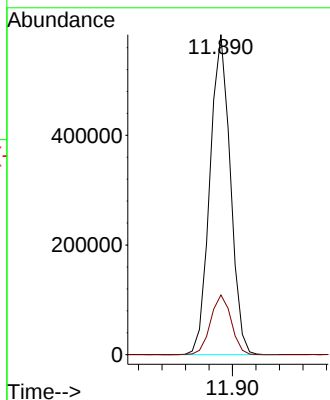
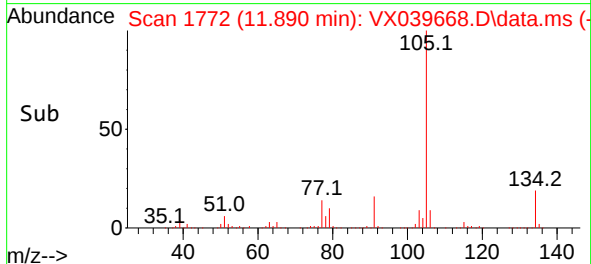
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



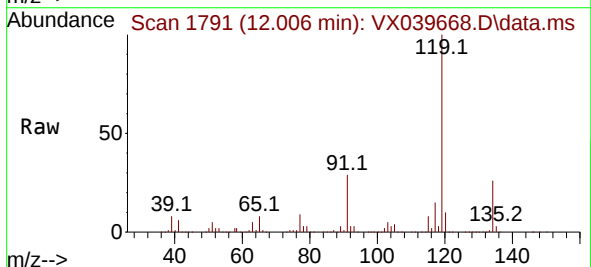
Tgt Ion:105 Resp: 703380
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 38.4

Manual Integrations
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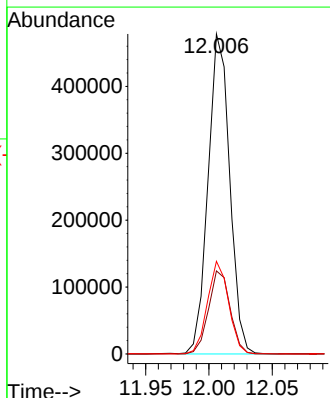
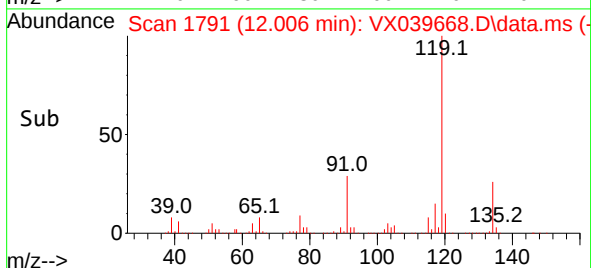
Reviewed By :John Carlone 01/09/2024
 Supervised By :Mahesh Dadoda 01/09/2024

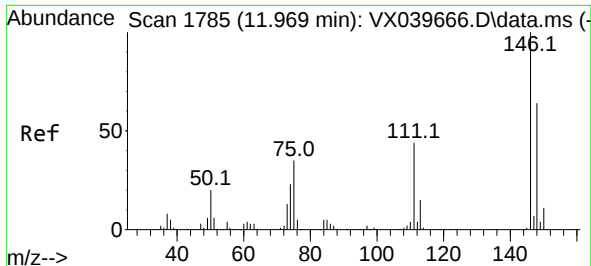


#82
 p-Isopropyltoluene
 Concen: 106.871 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX039668.D
 Acq: 08 Jan 2024 17:52



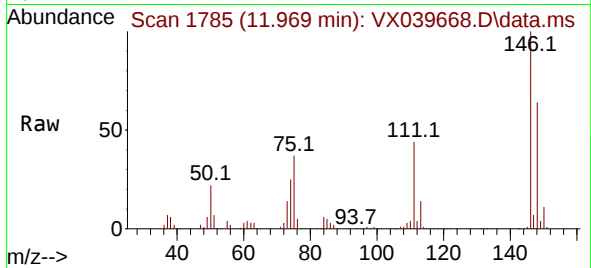
Tgt Ion:119 Resp: 568482
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 52.6
 91 28.2 0.0 54.2





#83
1,3-Dichlorobenzene
Concen: 104.197 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

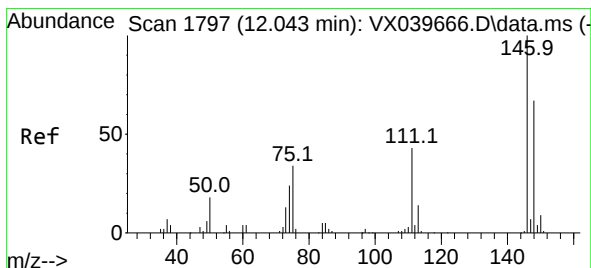
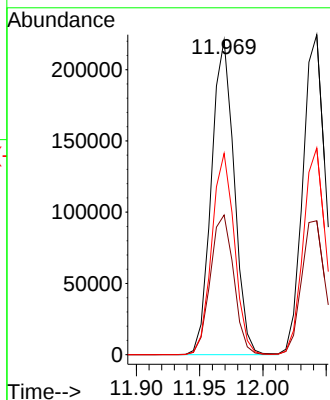
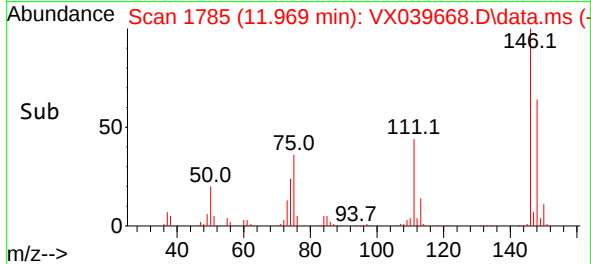
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



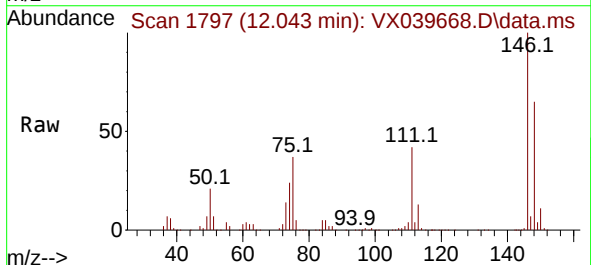
Tgt Ion:146 Resp: 27624
Ion Ratio Lower Upper
146 100
111 45.2 22.3 66.9
148 63.5 32.8 98.3

Manual Integrations
APPROVED

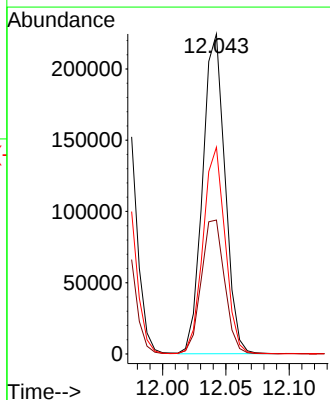
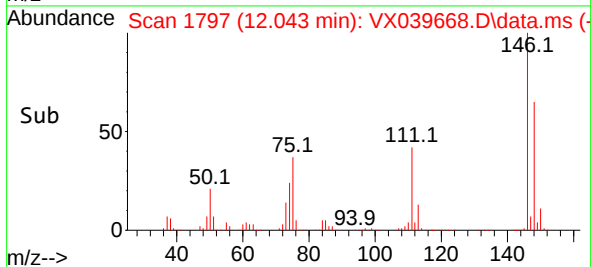
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024

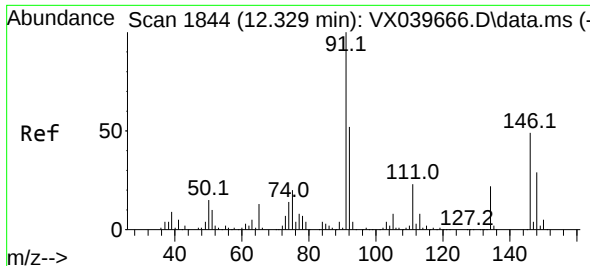


#84
1,4-Dichlorobenzene
Concen: 105.201 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52



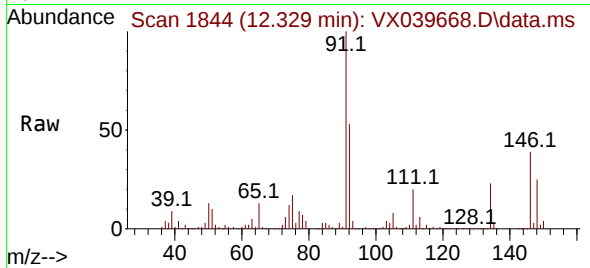
Tgt Ion:146 Resp: 276627
Ion Ratio Lower Upper
146 100
111 43.5 21.4 64.2
148 64.0 31.8 95.4





#85
n-Butylbenzene
Concen: 112.952 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

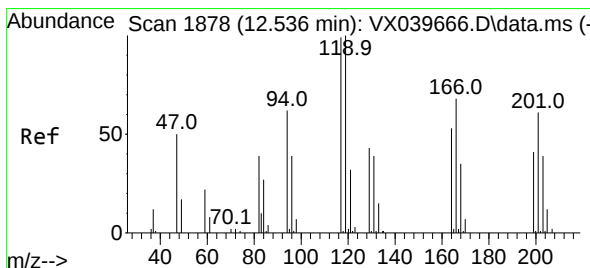
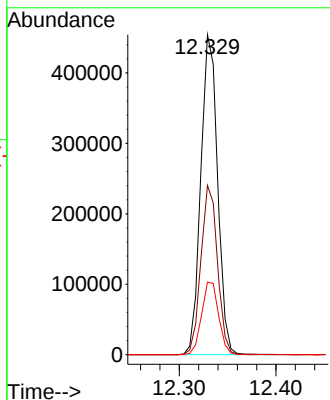
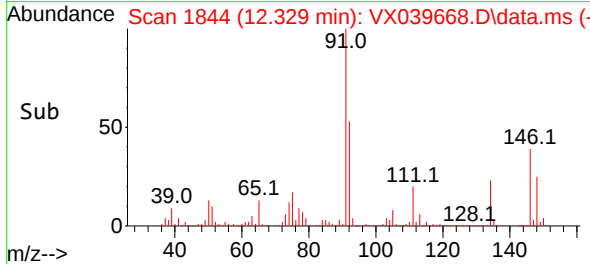
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 549900
Ion Ratio Lower Upper
91 100
92 52.2 0.0 106.2
134 23.0 0.0 48.8

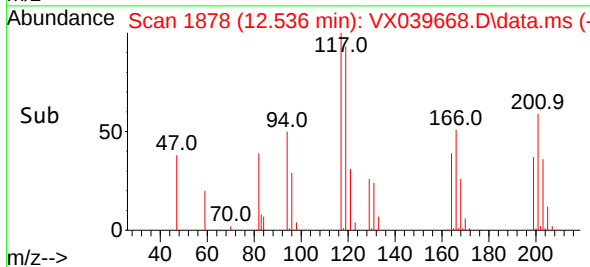
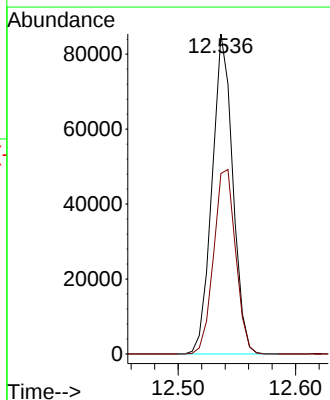
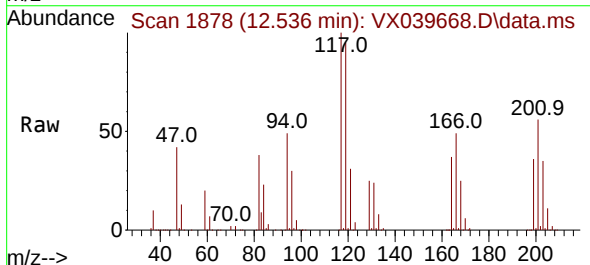
Manual Integrations
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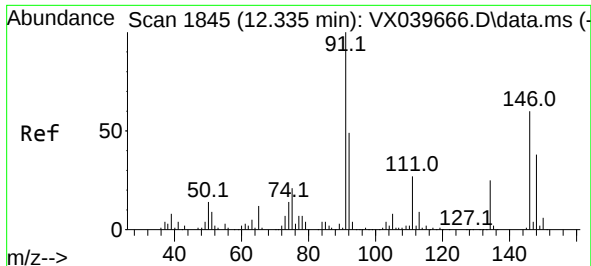
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#86
Hexachloroethane
Concen: 115.078 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

Tgt Ion:117 Resp: 104726
Ion Ratio Lower Upper
117 100
201 61.2 31.8 95.3





#87

1,2-Dichlorobenzene

Concen: 101.176 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX039668.D

Acq: 08 Jan 2024 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 268809

Ion Ratio Lower Upper

146 100

111 47.8 22.4 67.2

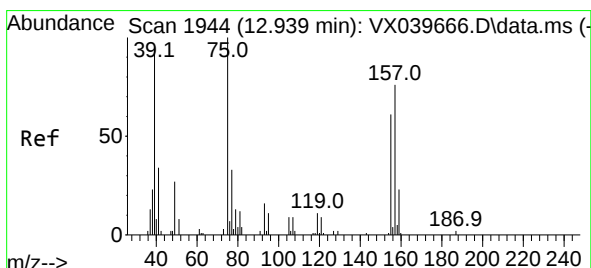
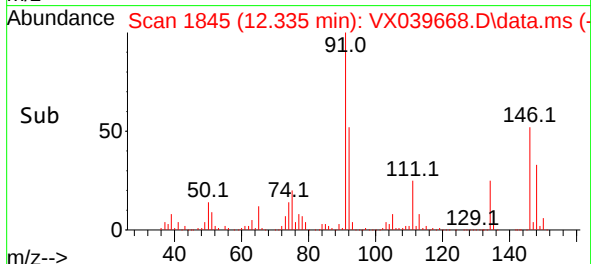
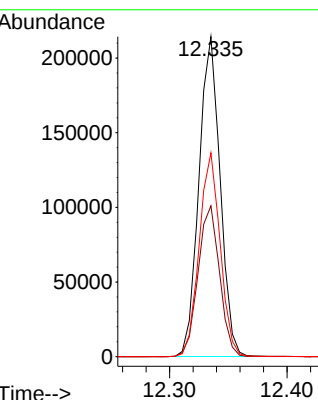
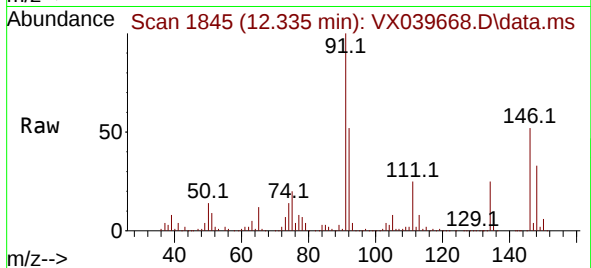
148 63.1 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 112.027 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX039668.D

Acq: 08 Jan 2024 17:52

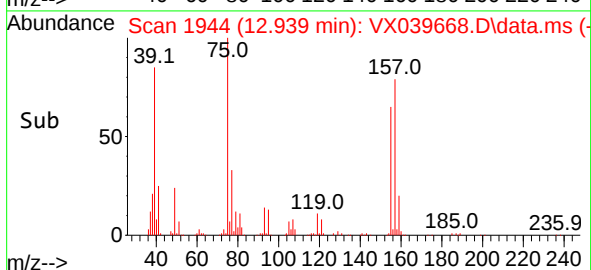
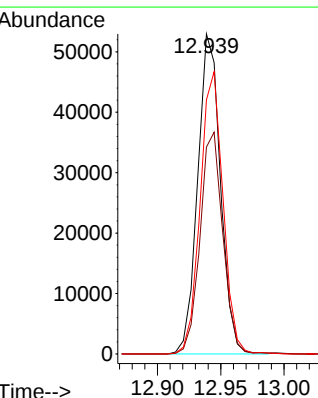
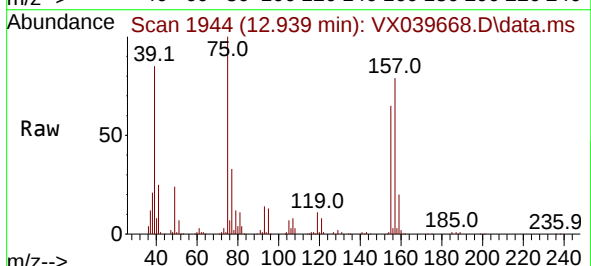
Tgt Ion: 75 Resp: 66194

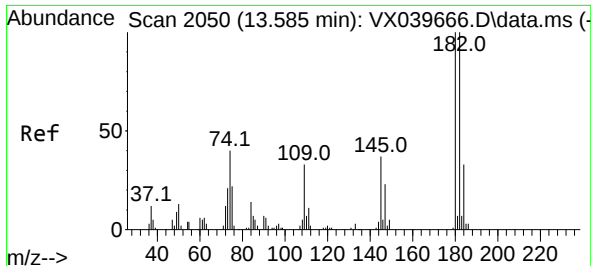
Ion Ratio Lower Upper

75 100

155 69.2 58.2 87.4

157 87.9 76.5 114.7





#89

1,2,4-Trichlorobenzene

Concen: 111.545 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039668.D

Acq: 08 Jan 2024 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:180 Resp: 16708

Ion Ratio Lower Upper

180 100

182 93.9 74.5 111.7

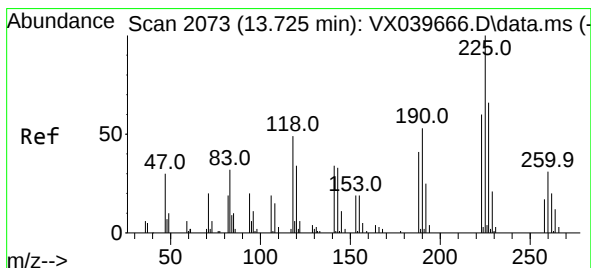
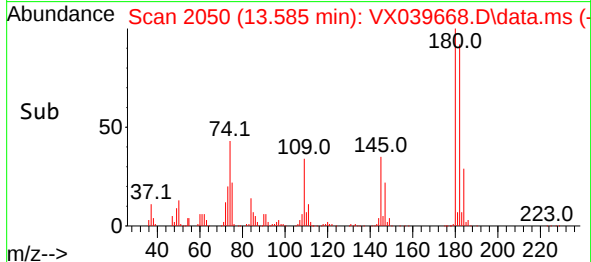
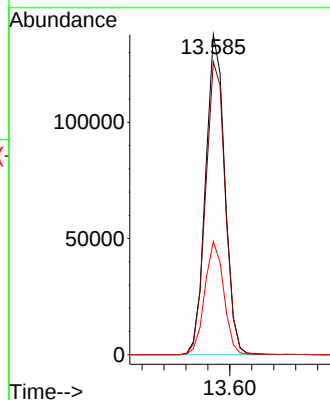
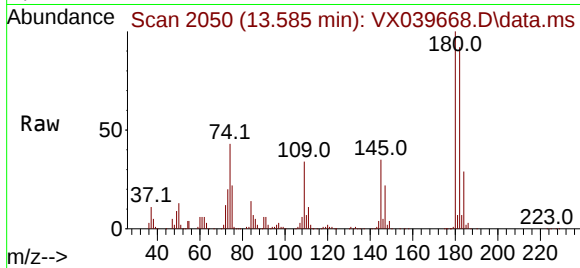
145 35.1 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#90

Hexachlorobutadiene

Concen: 103.867 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX039668.D

Acq: 08 Jan 2024 17:52

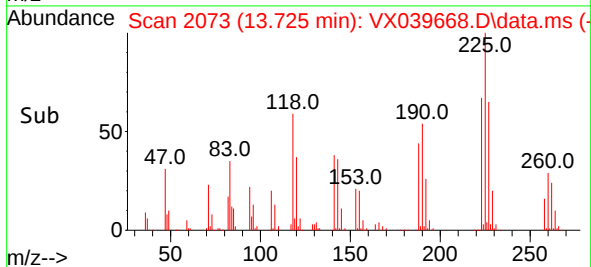
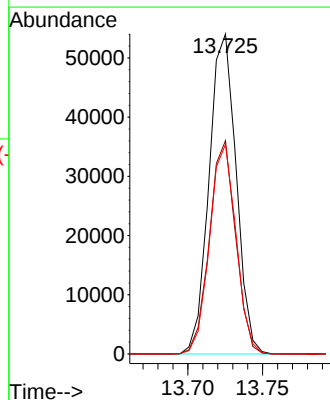
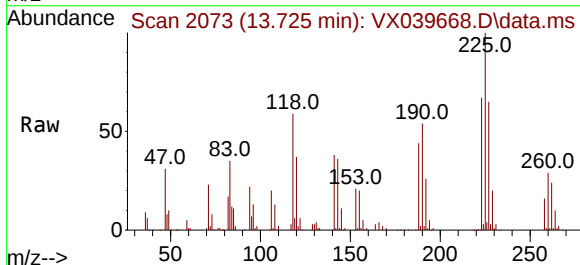
Tgt Ion:225 Resp: 68111

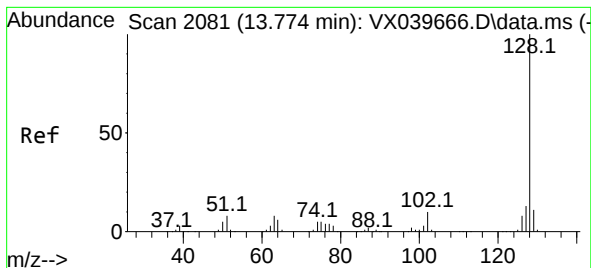
Ion Ratio Lower Upper

225 100

223 64.4 0.0 124.4

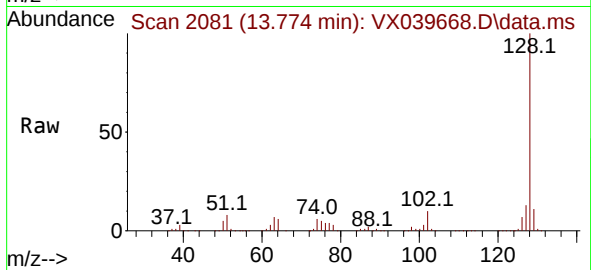
227 63.8 0.0 124.4





#91
Naphthalene
Concen: 110.517 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52

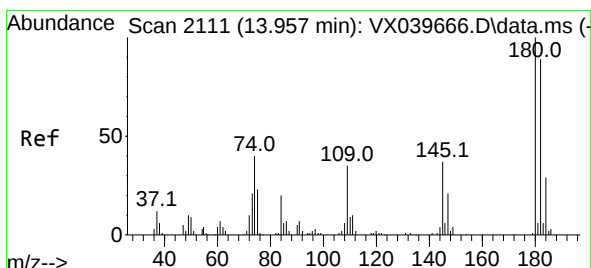
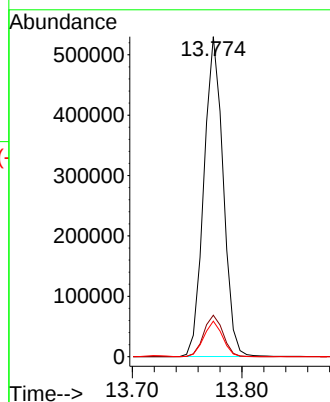
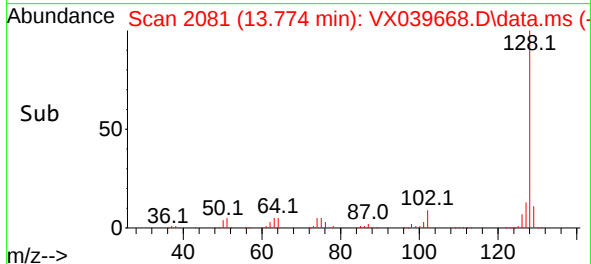
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



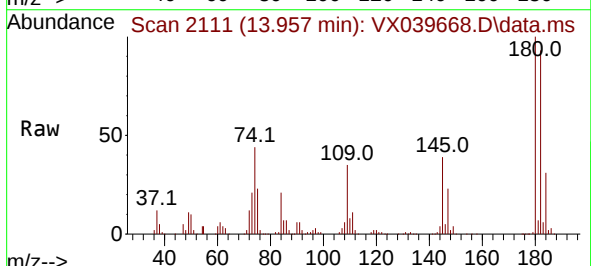
Tgt Ion:128 Resp: 64586
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#92
1,2,3-Trichlorobenzene
Concen: 108.270 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX039668.D
Acq: 08 Jan 2024 17:52



Tgt Ion:180 Resp: 167920
Ion Ratio Lower Upper
180 100
182 95.2 0.0 191.6
145 37.6 0.0 69.6

