

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010824\
 Data File : VX039665.D
 Acq On : 08 Jan 2024 16:44
 Operator : JC/MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

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

Quant Time: Jan 09 06:03:22 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

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

Internal Standards						
1) Bromochloromethane	4.891	128	8054	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	65234	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	79230	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	38623	30.589	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.967%			
60) 4-Bromofluorobenzene	11.079	95	50271	28.767	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.900%			
63) Toluene-d8	8.647	98	100023	30.706	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.367%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	13073	9.608	ug/l	93
3) Chloromethane	1.294	50	14438	9.551	ug/l	96
4) Vinyl Chloride	1.374	62	13417	9.094	ug/l	95
5) Bromomethane	1.593	94	6920	9.815	ug/l	96
6) Chloroethane	1.666	64	7904	11.797	ug/l	92
7) Trichlorofluoromethane	1.874	101	19032	9.135	ug/l	97
8) Diethyl Ether	2.130	74	7225	9.268	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	11870	9.302	ug/l	96
10) 1,1-Dichloroethene	2.313	96	11058	9.044	ug/l	94
11) Methyl Iodide	2.447	142	10510	7.844	ug/l	99
12) Methyl Acetate	2.703	43	18759	9.526	ug/l	98
13) Acrolein	2.233	56	12075	41.099	ug/l	98
14) Acrylonitrile	3.062	53	42864	47.467	ug/l	98
15) Acetone	2.380	58	13762	48.315	ug/l	94
16) Carbon Disulfide	2.502	76	29492	8.947	ug/l #	94
17) Allyl chloride	2.660	41	20916	8.675	ug/l	96
18) Methylene Chloride	2.782	84	13187	9.226	ug/l	97
19) trans-1,2-Dichloroethene	3.087	96	12173	9.383	ug/l	90
20) Diisopropyl ether	3.751	45	43707	9.287	ug/l #	71
21) 1,1-Dichloroethane	3.605	63	24143	9.188	ug/l	98
22) cis-1,2-Dichloroethene	4.483	96	13680	9.021	ug/l	96
23) tert-Butyl Alcohol	2.989	59	21922	51.543	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	40521	9.042	ug/l	97
25) Chloroform	5.093	83	23513	9.118	ug/l	98
26) Cyclohexane	5.464	56	20941	9.187	ug/l #	96
29) 1,1-Dichloropropene	5.684	75	16815	8.982	ug/l	96
30) 2-Butanone	4.550	43	62535	46.575	ug/l	98
31) 2,2-Dichloropropane	4.471	77	18559	8.917	ug/l #	81
32) 1,1,1-Trichloroethane	5.379	97	18982	8.773	ug/l	97
33) Carbon Tetrachloride	5.672	117	14405	8.445	ug/l	92
34) Benzene	6.031	78	50938	9.172	ug/l	95
35) Methacrylonitrile	4.922	41	11295	8.743	ug/l	97
36) 1,2-Dichloroethane	6.080	62	19728	9.059	ug/l	96
37) Trichloroethene	7.123	130	12107	9.176	ug/l	98
38) Methylcyclohexane	7.373	83	20734	9.053	ug/l	98
39) 1,2-Dichloropropane	7.428	63	13463	8.997	ug/l	99
40) Dibromomethane	7.580	93	9093	8.997	ug/l	96
41) Bromodichloromethane	7.818	83	15647	8.354	ug/l	98
42) Vinyl Acetate	3.721	43	199828	45.013	ug/l	100

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 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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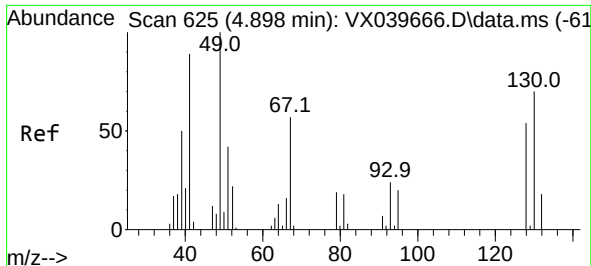
Manual Integrations
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Reviewed By : John Carlone 01/09/2024
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Quant Time: Jan 09 06:03:22 2024
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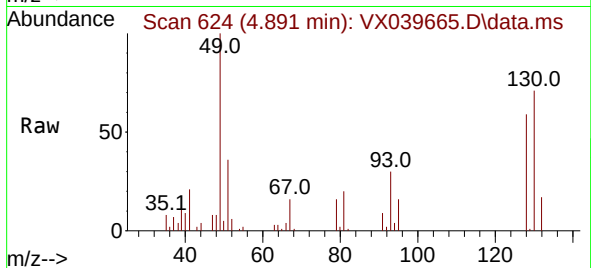
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	23381	9.291	ug/l	98
44) Isopropyl Acetate	6.336	43	34392	8.840	ug/l	97
45) 1,4-Dioxane	7.665	88	7233	192.836	ug/l	99
46) Methyl methacrylate	7.696	41	16361	8.756	ug/l	97
47) n-amyl Acetate	10.842	43	28166	8.290	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	16648	8.259	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	18942	8.580	ug/l	95
50) 1,1,2-Trichloroethane	9.153	97	12498	9.021	ug/l	98
51) Ethyl methacrylate	9.116	69	19783	8.548	ug/l	97
52) 1,3-Dichloropropane	9.305	76	21743	9.094	ug/l	99
53) Dibromochloromethane	9.519	129	10567	8.195	ug/l	100
54) 1,2-Dibromoethane	9.610	107	13171	9.071	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	51274	45.530	ug/l	98
56) Bromoform	10.799	173	6739	7.760	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	121944	46.791	ug/l	99
59) 2-Hexanone	9.433	43	96476	45.732	ug/l	96
61) Tetrachloroethene	9.269	164	9511	9.062	ug/l	90
62) Toluene	8.714	91	52782	8.986	ug/l	99
64) Chlorobenzene	10.079	112	29826	8.734	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	10017	8.251	ug/l	99
66) Ethyl Benzene	10.195	91	56287	8.727	ug/l	95
67) m/p-Xylenes	10.299	106	41568	17.644	ug/l	97
68) o-Xylene	10.640	106	21366	9.034	ug/l	96
69) Styrene	10.653	104	32243	8.527	ug/l	98
70) Isopropylbenzene	10.963	105	55781	8.936	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	20999	8.758	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	17883m	8.744	ug/l	
73) Bromobenzene	11.195	156	12024	8.724	ug/l	98
74) n-propylbenzene	11.305	91	63201	8.491	ug/l	100
75) 2-Chlorotoluene	11.366	91	41843	9.049	ug/l	97
76) 1,3,5-Trimethylbenzene	11.451	105	47345	8.878	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	4642	7.053	ug/l	70
78) 4-Chlorotoluene	11.451	91	43892	8.558	ug/l	99
79) tert-butylbenzene	11.713	119	44076	8.722	ug/l	96
80) 1,2,4-Trimethylbenzene	11.750	105	46006	8.693	ug/l	97
81) sec-Butylbenzene	11.890	105	56021	8.626	ug/l	99
82) p-Isopropyltoluene	12.006	119	44006	8.514	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	22345	8.674	ug/l	96
84) 1,4-Dichlorobenzene	12.043	146	21864	8.557	ug/l	99
85) n-Butylbenzene	12.329	91	36649	7.747	ug/l	98
86) Hexachloroethane	12.536	117	6740	7.622	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	22534	8.729	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	4444	7.740	ug/l	91
89) 1,2,4-Trichlorobenzene	13.585	180	11478	7.886	ug/l	95
90) Hexachlorobutadiene	13.725	225	5399	8.473	ug/l	96
91) Naphthalene	13.774	128	46053	8.110	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	12455	8.265	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

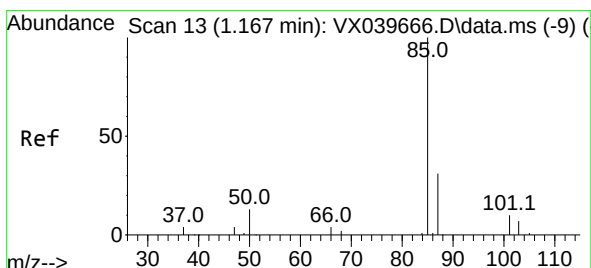
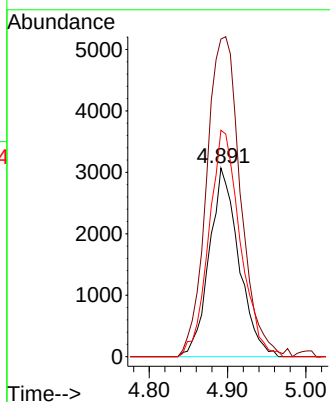
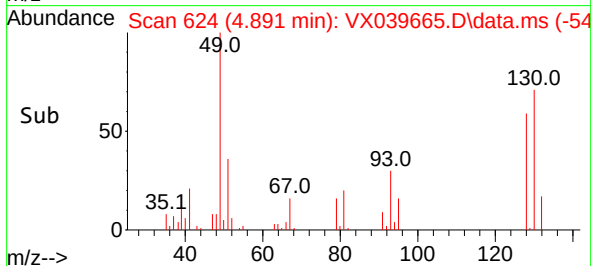
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010



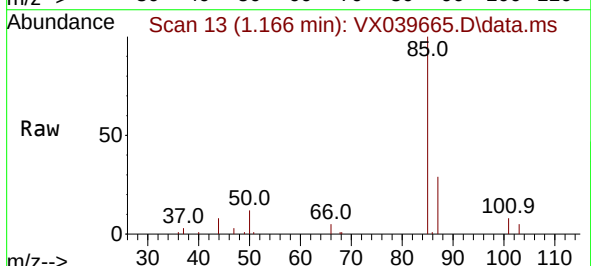
Tgt Ion:128 Resp: 8054
Ion Ratio Lower Upper
128 100
49 194.6 0.0 444.0
130 127.2 0.0 297.8

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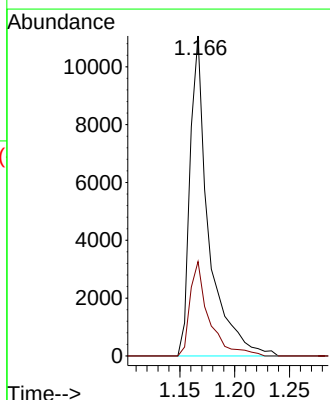
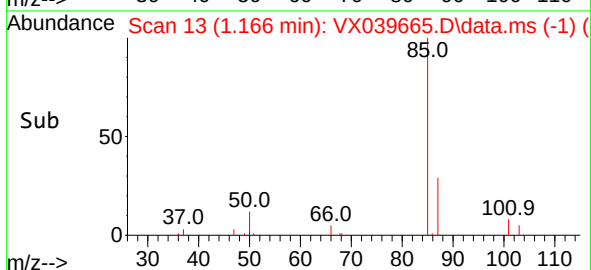
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024

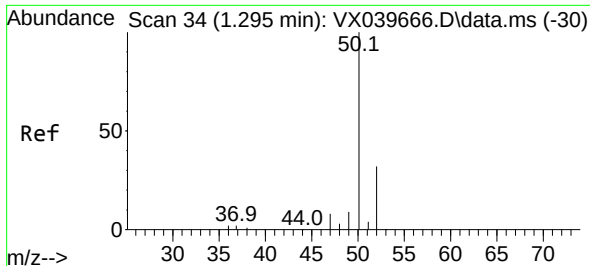


#2
Dichlorodifluoromethane
Concen: 9.608 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44



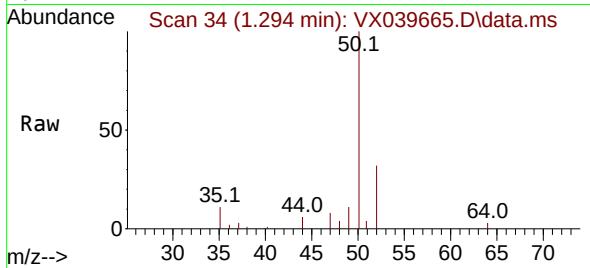
Tgt Ion: 85 Resp: 13073
Ion Ratio Lower Upper
85 100
87 29.5 16.7 50.1





#3
Chloromethane
Concen: 9.551 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

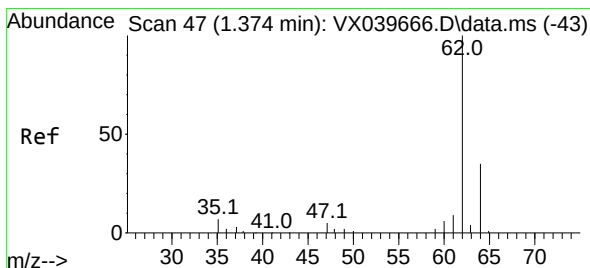
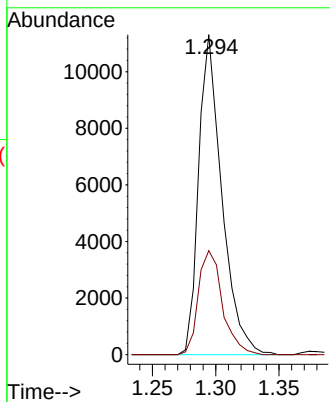
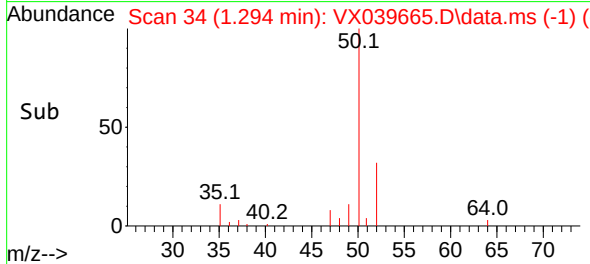
Instrument :
MSVOA_X
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VSTDICC010



Tgt Ion: 50 Resp: 14438
Ion Ratio Lower Upper
50 100
52 32.5 27.8 41.8

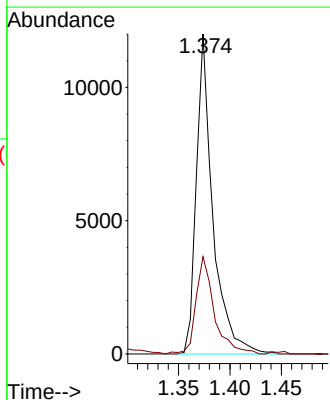
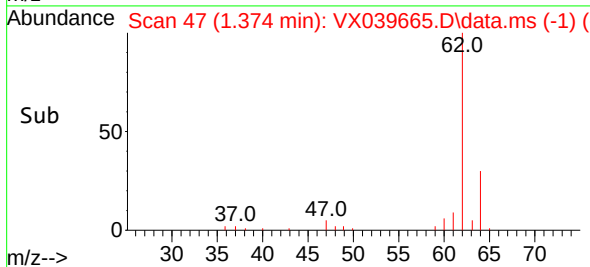
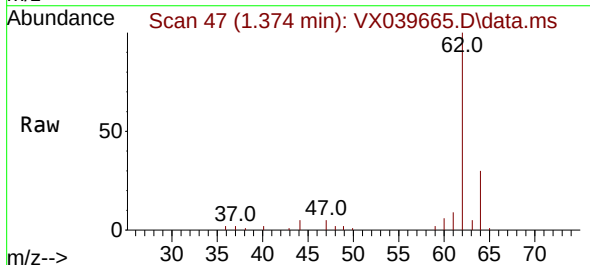
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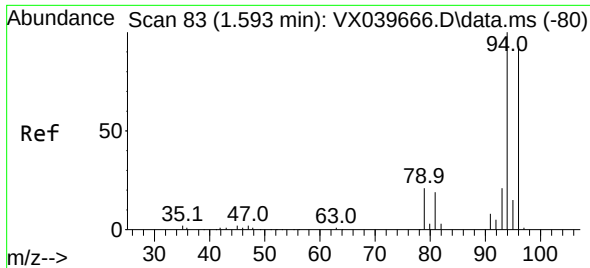
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#4
Vinyl Chloride
Concen: 9.094 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

Tgt Ion: 62 Resp: 13417
Ion Ratio Lower Upper
62 100
64 30.0 26.3 39.5





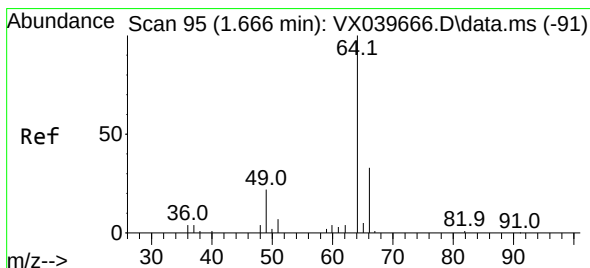
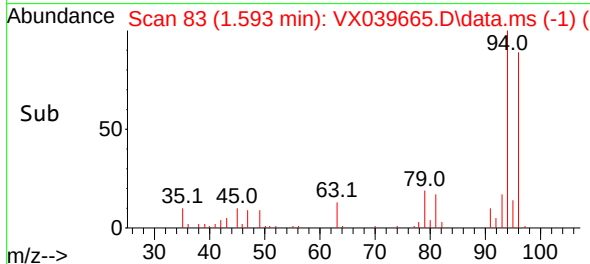
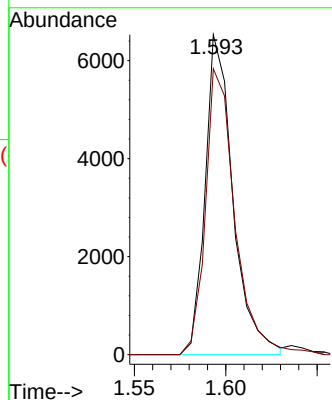
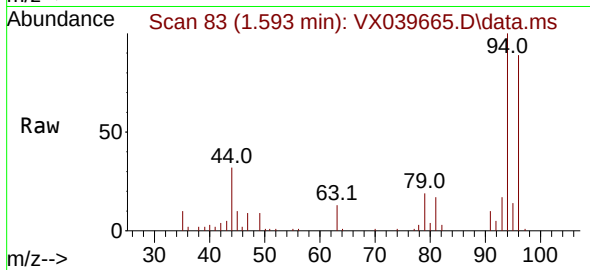
#5
Bromomethane
Concen: 9.815 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 94 Resp: 6920
Ion Ratio Lower Upper
94 100
96 89.4 74.9 112.3

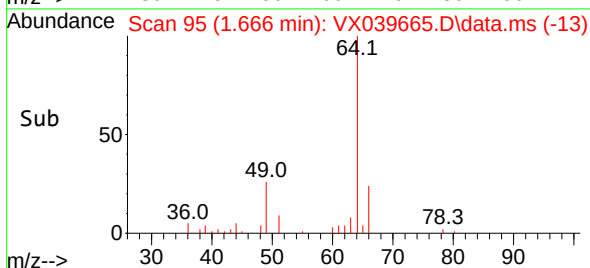
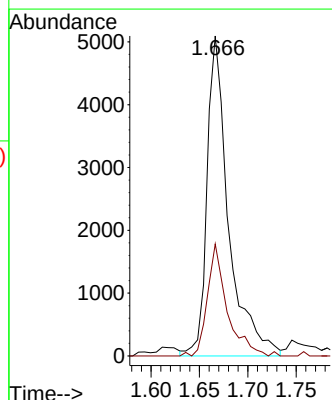
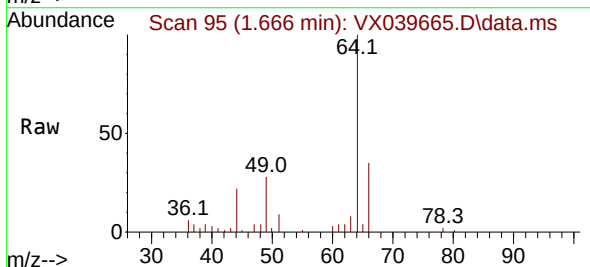
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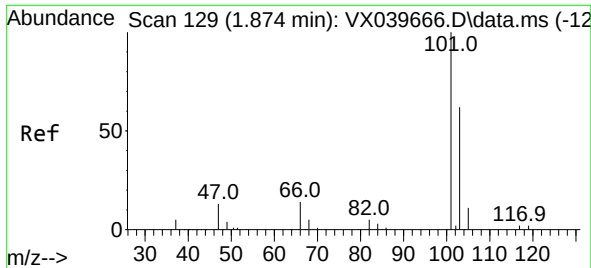
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#6
Chloroethane
Concen: 11.797 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

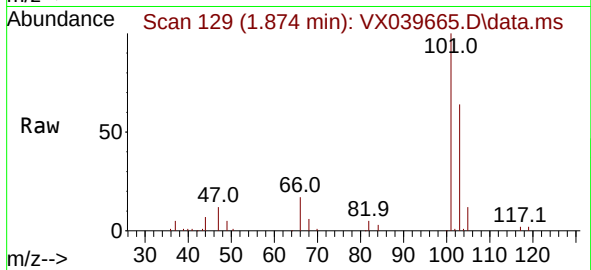
Tgt Ion: 64 Resp: 7904
Ion Ratio Lower Upper
64 100
66 35.6 25.0 37.6





#7
Trichlorofluoromethane
Concen: 9.135 ug/l
RT: 1.874 min Scan# 129
Delta R.T. -0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

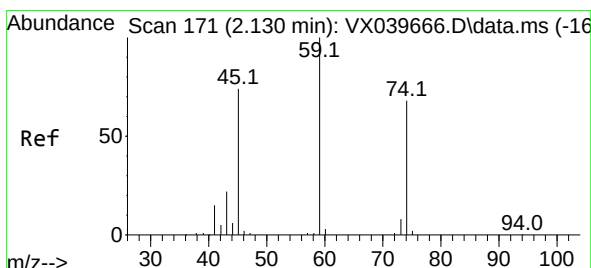
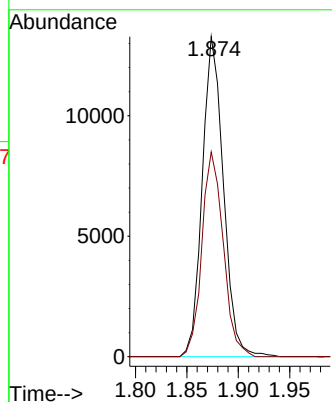
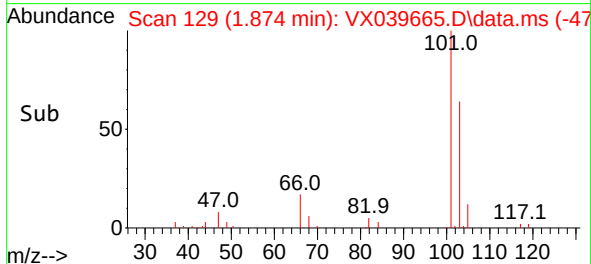
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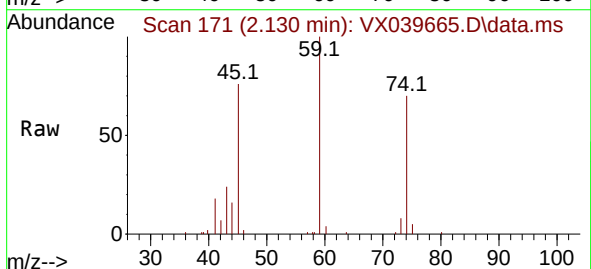
Tgt Ion:101 Resp: 1903
Ion Ratio Lower Upper
101 100
103 64.0 49.1 73.7

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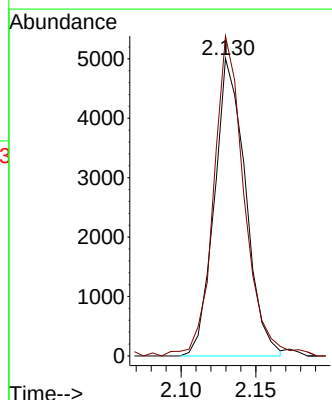
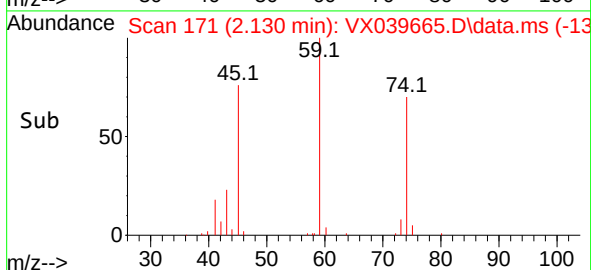
Reviewed By :John Carlone 01/09/2024
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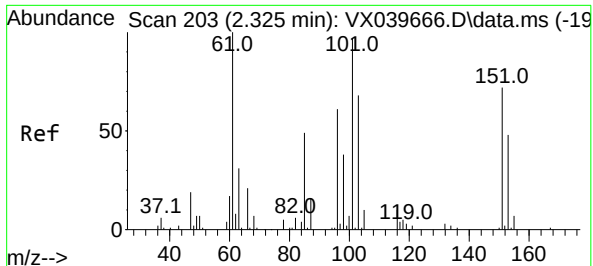


#8
Diethyl Ether
Concen: 9.268 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44



Tgt Ion: 74 Resp: 7225
Ion Ratio Lower Upper
74 100
45 105.1 20.5 184.5





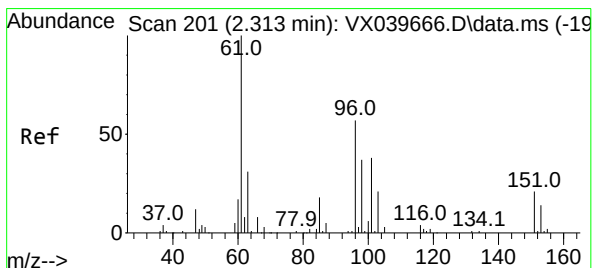
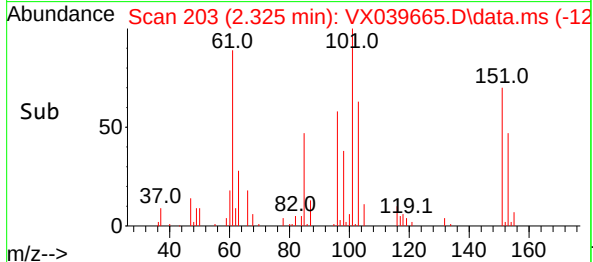
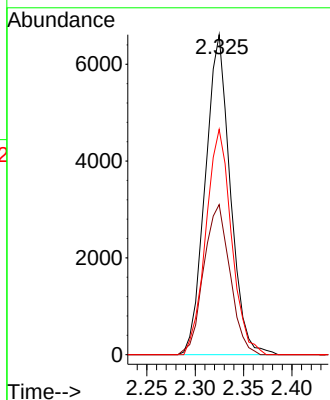
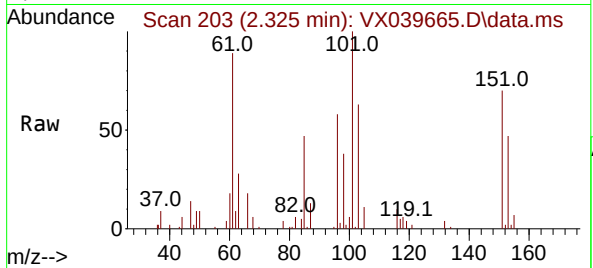
#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.302 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 11870
Ion Ratio Lower Upper
101 100
85 49.4 0.0 95.2
151 72.3 0.0 136.8

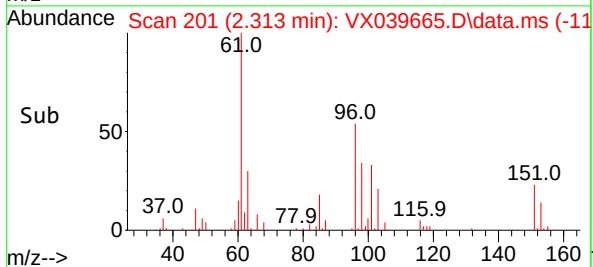
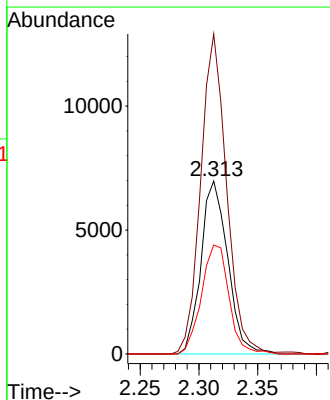
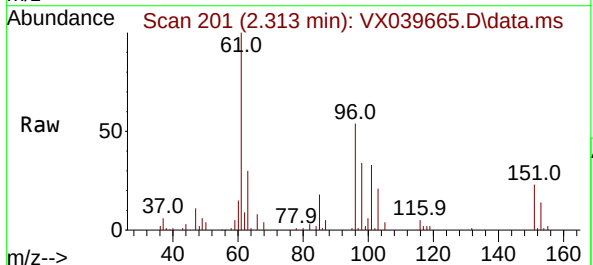
Manual Integrations
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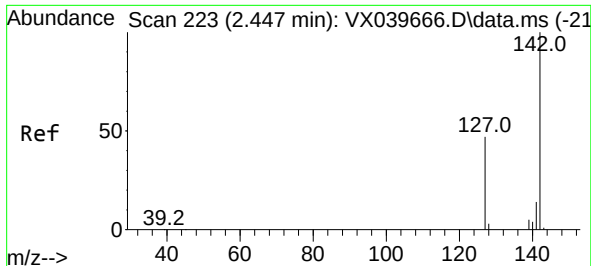
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#10
1,1-Dichloroethene
Concen: 9.044 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

Tgt Ion: 96 Resp: 11058
Ion Ratio Lower Upper
96 100
61 184.0 138.3 207.5
98 63.0 49.8 74.6





#11

Methyl Iodide

Concen: 7.844 ug/l

RT: 2.447 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX039665.D

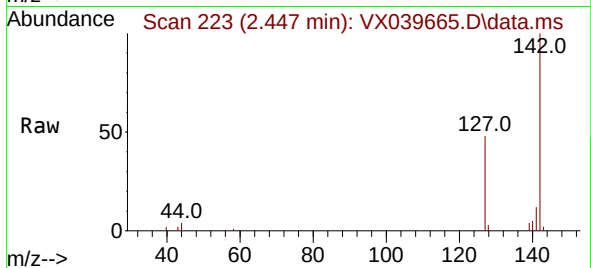
Acq: 08 Jan 2024 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010



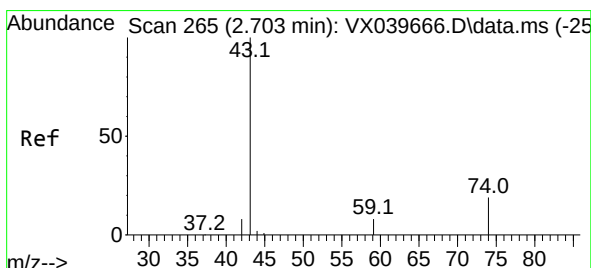
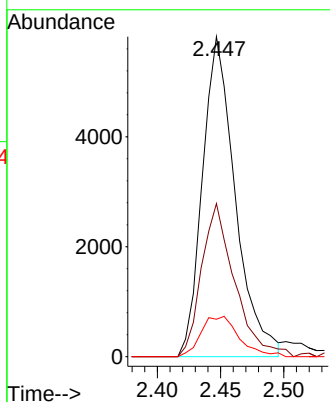
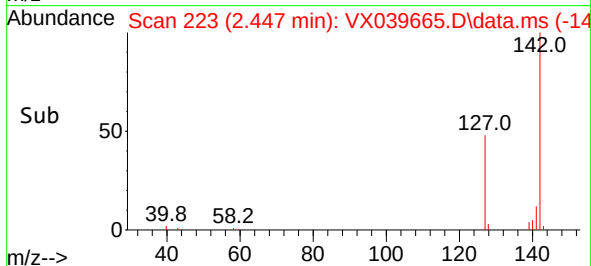
Tgt Ion:	142	Resp:	10510
Ion	Ratio	Lower	Upper
142	100		
127	47.7	23.8	71.4
141	11.4	6.9	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#12

Methyl Acetate

Concen: 9.526 ug/l

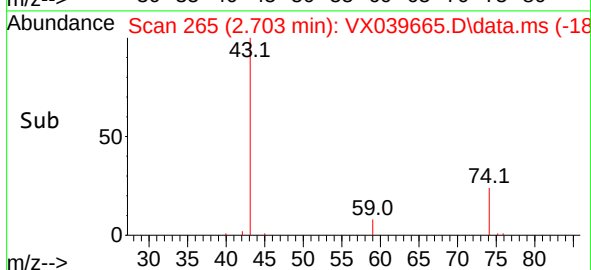
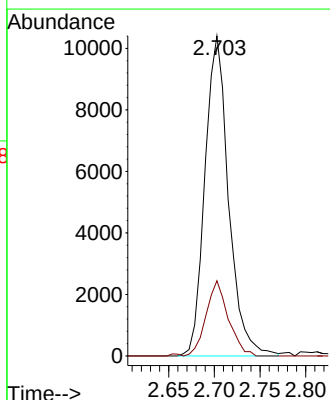
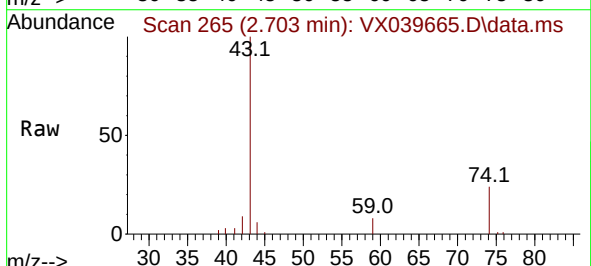
RT: 2.703 min Scan# 265

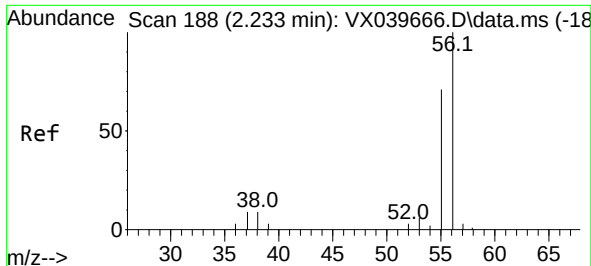
Delta R.T. -0.000 min

Lab File: VX039665.D

Acq: 08 Jan 2024 16:44

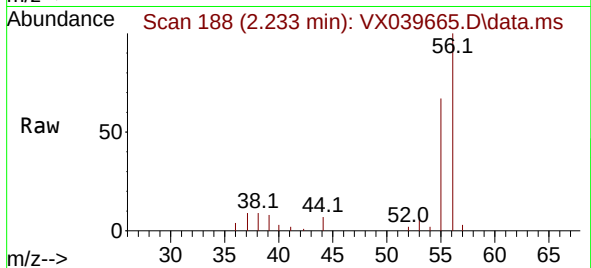
Tgt Ion:	43	Resp:	18759
Ion	Ratio	Lower	Upper
43	100		
74	23.3	17.8	26.6





#13
Acrolein
Concen: 41.099 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

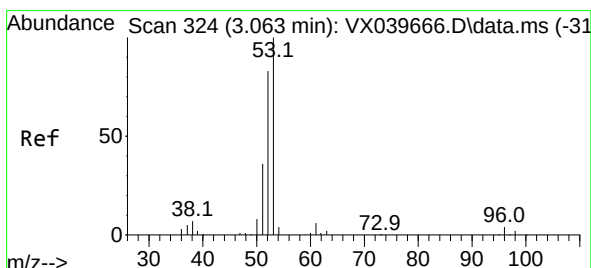
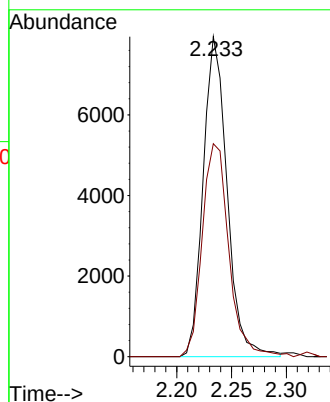
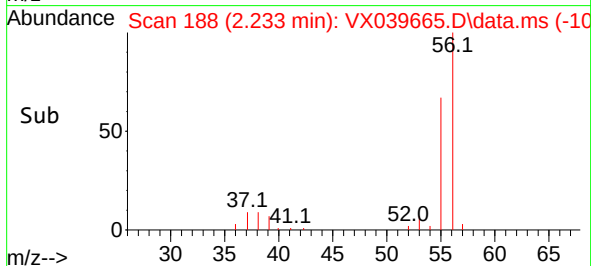
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



Tgt Ion: 56 Resp: 12075
Ion Ratio Lower Upper
56 100
55 73.5 57.2 85.8

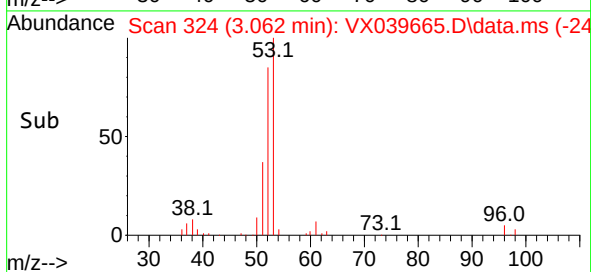
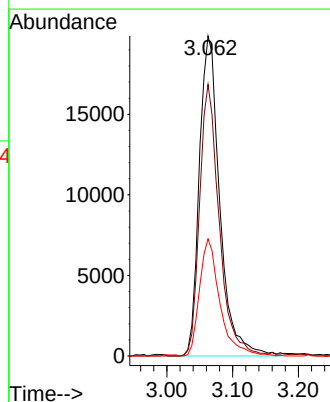
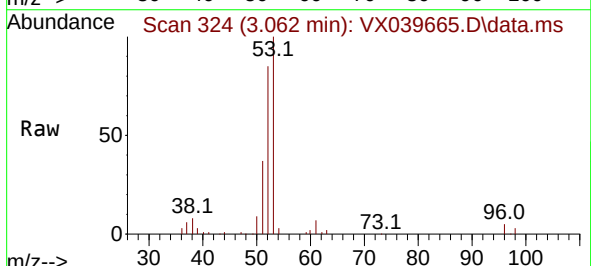
Manual Integrations
APPROVED

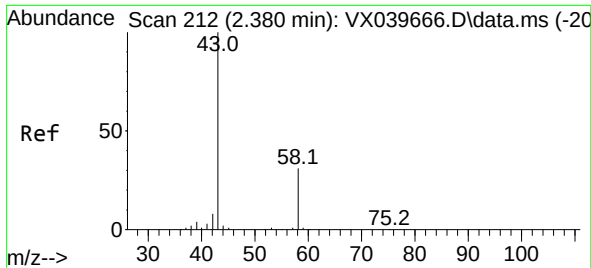
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#14
Acrylonitrile
Concen: 47.467 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.001 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

Tgt Ion: 53 Resp: 42864
Ion Ratio Lower Upper
53 100
52 81.4 41.9 125.6
51 36.3 18.3 54.9





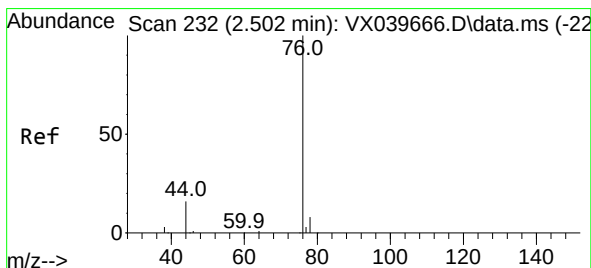
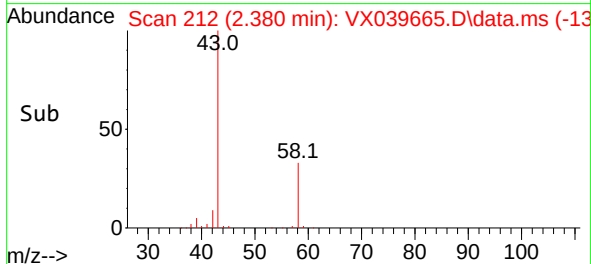
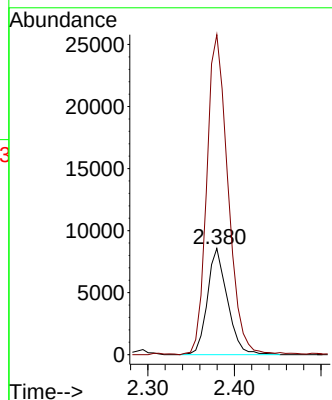
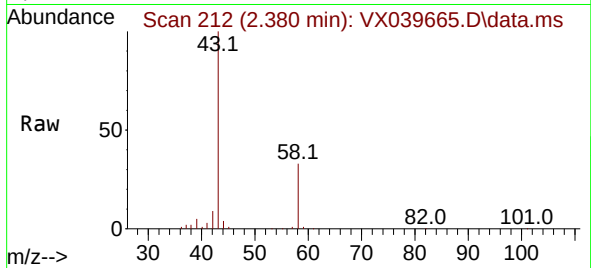
#15
Acetone
Concen: 48.315 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 58 Resp: 13762
Ion Ratio Lower Upper
58 100
43 301.3 249.9 374.9

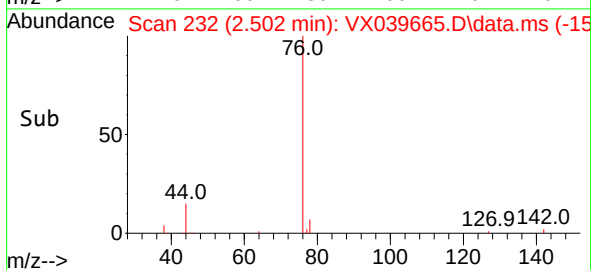
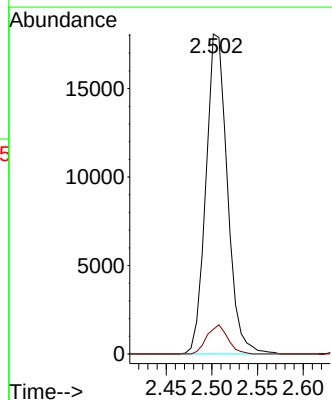
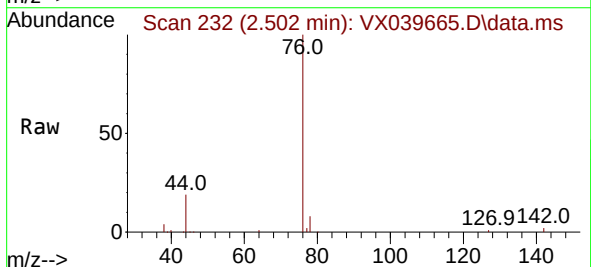
Manual Integrations
APPROVED

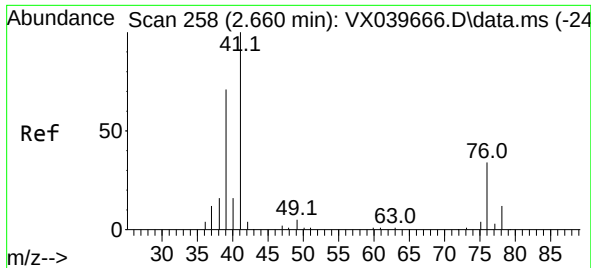
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#16
Carbon Disulfide
Concen: 8.947 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

Tgt Ion: 76 Resp: 29492
Ion Ratio Lower Upper
76 100
78 7.7 8.0 12.0#





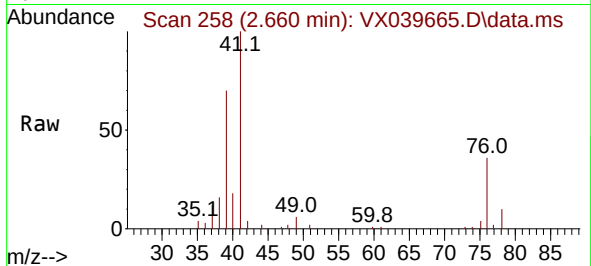
#17
 Allyl chloride
 Concen: 8.675 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. 0.000 min
 Lab File: VX039665.D
 Acq: 08 Jan 2024 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010



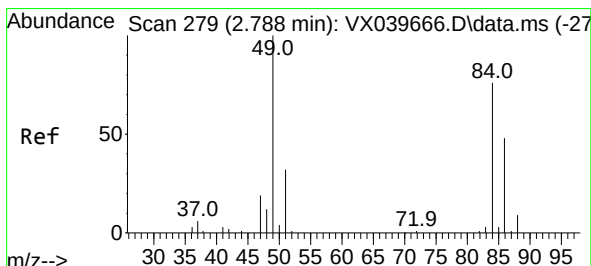
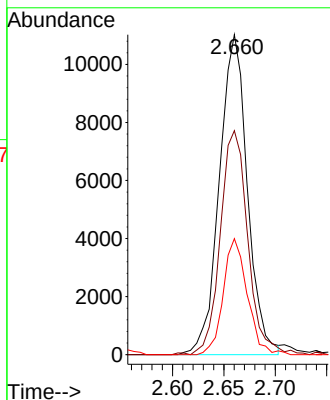
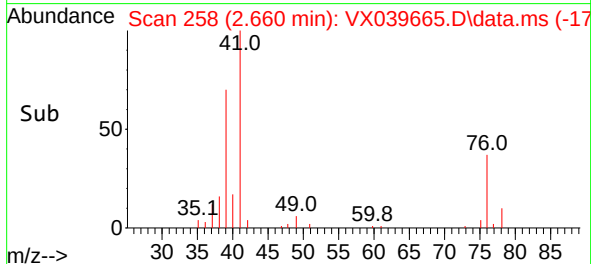
Tgt Ion: 41 Resp: 20910
 Ion Ratio Lower Upper
 41 100
 39 69.5 36.5 109.5
 76 36.3 19.7 59.0

Manual Integrations

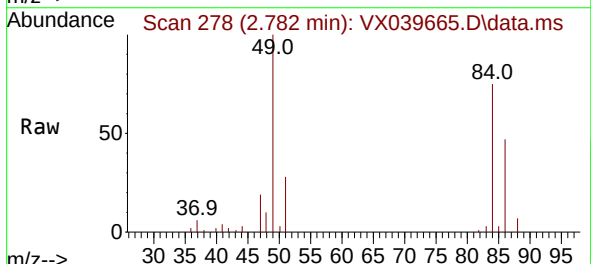
APPROVED

Reviewed By :John Carlone 01/09/2024

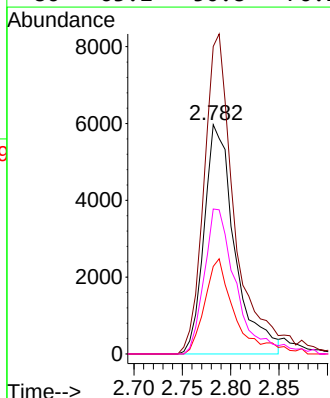
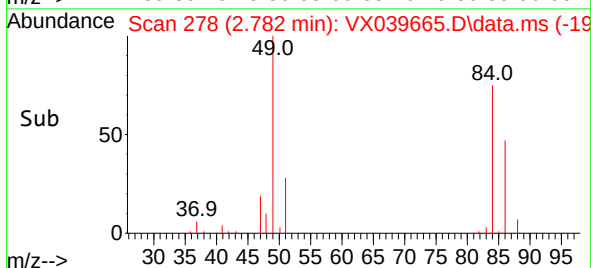
Supervised By :Mahesh Dadoda 01/09/2024

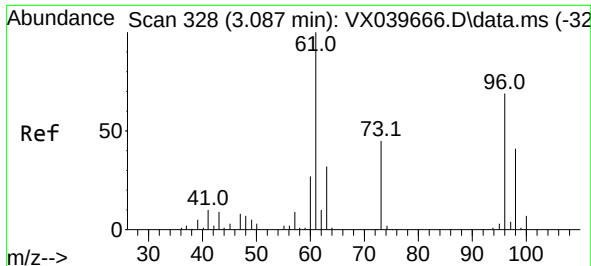


#18
 Methylene Chloride
 Concen: 9.226 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.006 min
 Lab File: VX039665.D
 Acq: 08 Jan 2024 16:44



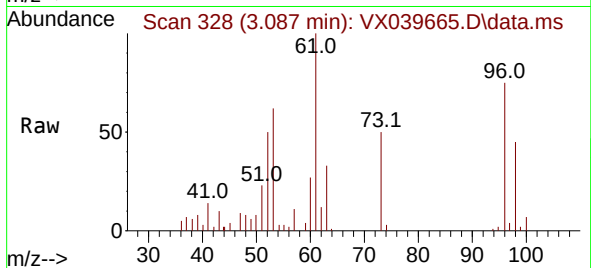
Tgt Ion: 84 Resp: 13187
 Ion Ratio Lower Upper
 84 100
 49 134.1 103.8 155.8
 51 38.2 31.8 47.6
 86 63.2 50.8 76.2





#19
trans-1,2-Dichloroethene
Concen: 9.383 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

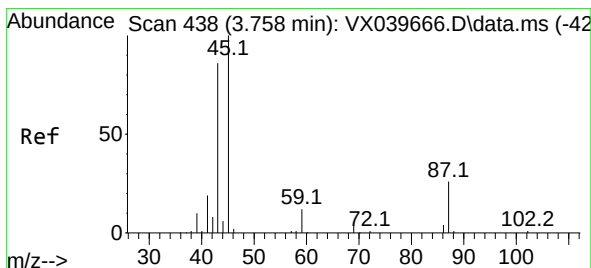
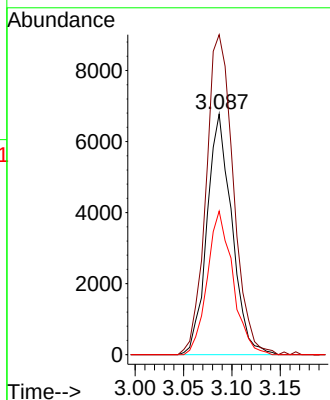
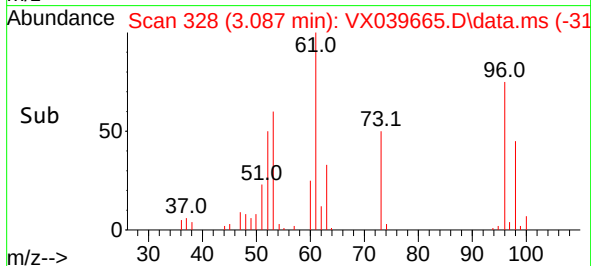
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



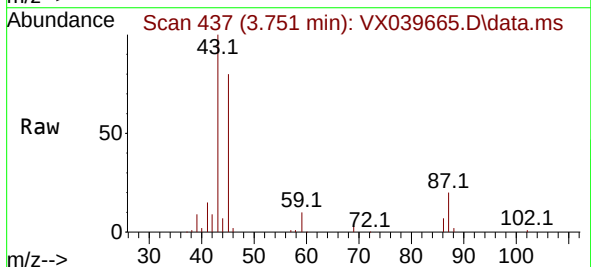
Tgt Ion: 96 Resp: 1217
Ion Ratio Lower Upper
96 100
61 133.0 117.9 176.9
98 59.7 51.0 76.6

Manual Integrations
APPROVED

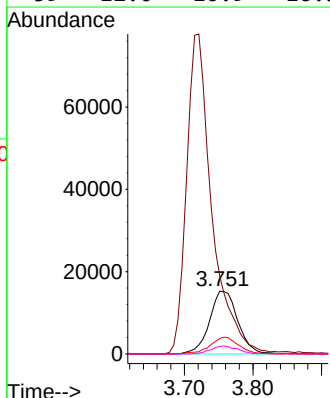
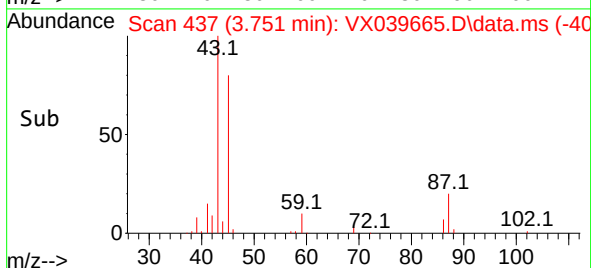
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024

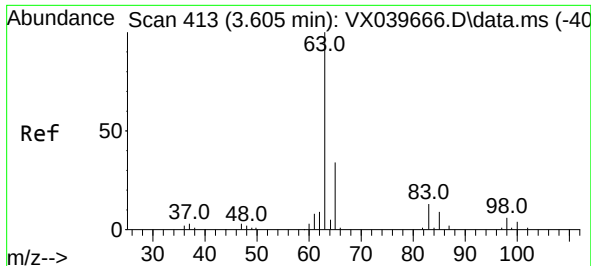


#20
Diisopropyl ether
Concen: 9.287 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.007 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44



Tgt Ion: 45 Resp: 43707
Ion Ratio Lower Upper
45 100
43 121.7 67.7 101.5#
87 24.6 21.5 32.3
59 12.0 10.9 16.3





#21

1,1-Dichloroethane

Concen: 9.188 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX039665.D

Acq: 08 Jan 2024 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

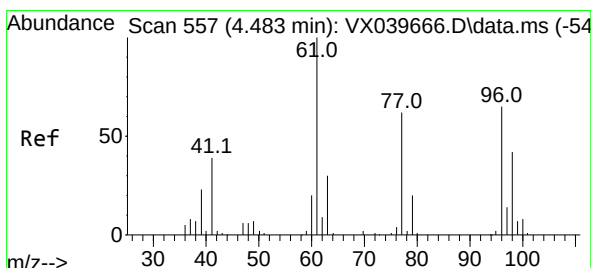
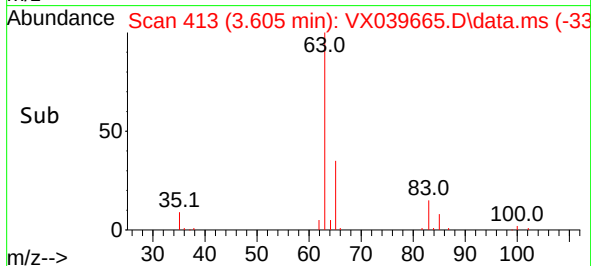
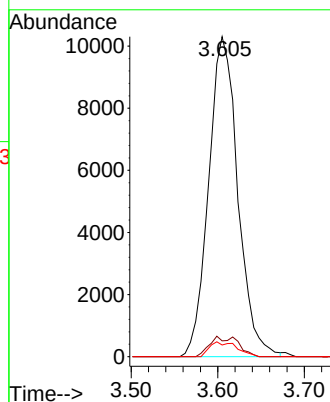
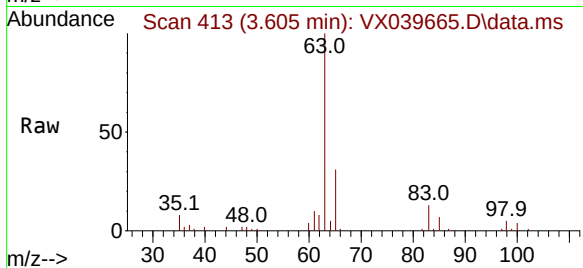
Tgt Ion: 63	Resp: 2414
Ion Ratio	Lower Upper
63 100	
98 5.0	2.9 8.8
100 3.7	2.0 5.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#22

cis-1,2-Dichloroethene

Concen: 9.021 ug/l

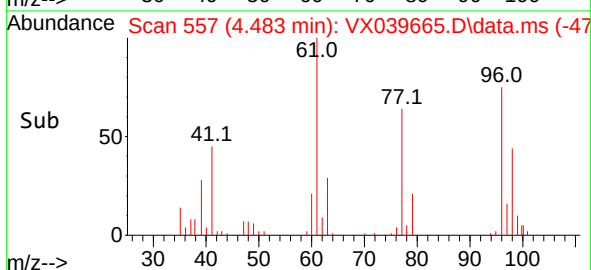
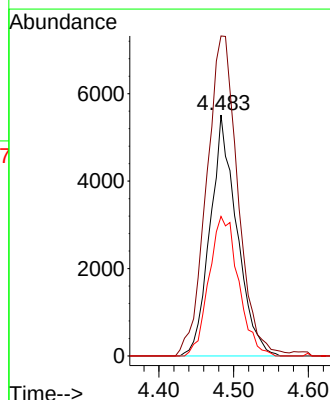
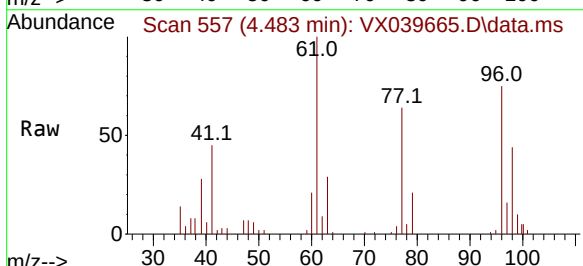
RT: 4.483 min Scan# 557

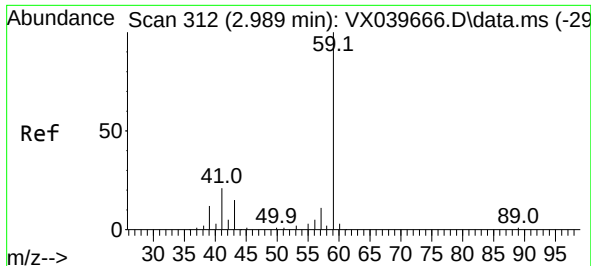
Delta R.T. -0.000 min

Lab File: VX039665.D

Acq: 08 Jan 2024 16:44

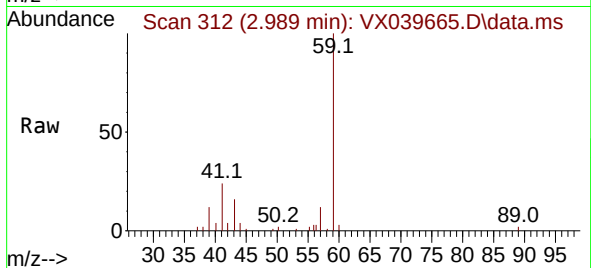
Tgt Ion: 96	Resp: 13680
Ion Ratio	Lower Upper
96 100	
61 156.0	119.8 179.6
98 64.0	50.9 76.3





#23
tert-Butyl Alcohol
Concen: 51.543 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

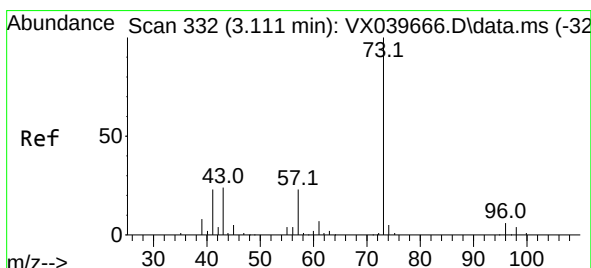
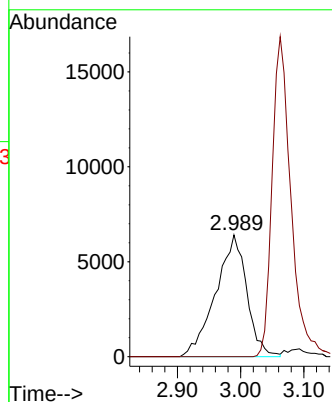
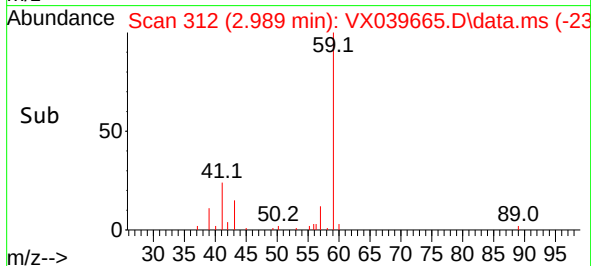
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



Tgt Ion: 59 Resp: 2192
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

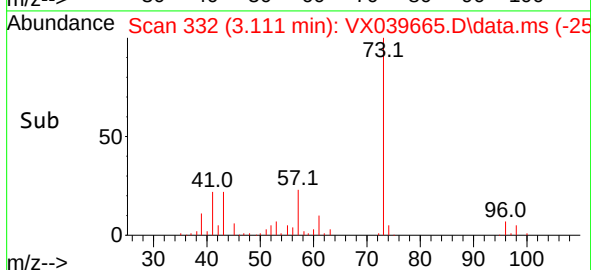
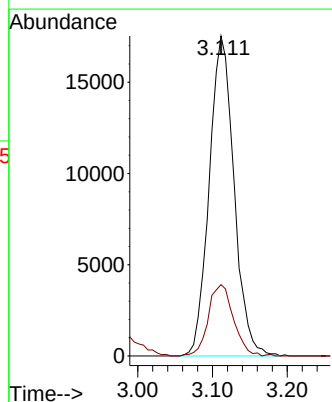
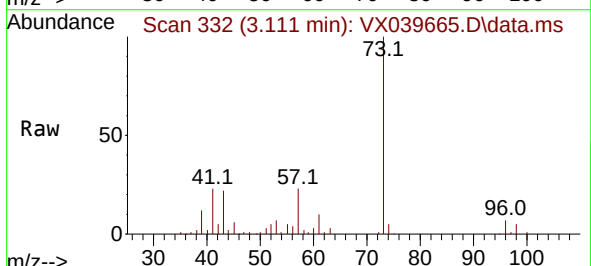
Manual Integrations
APPROVED

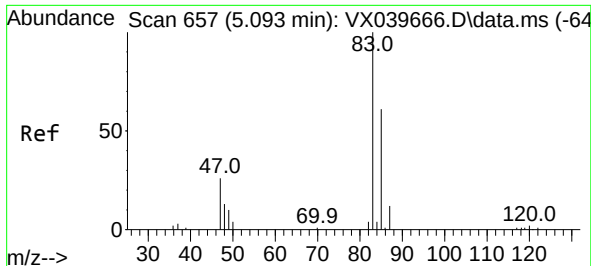
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#24
Methyl tert-Butyl Ether
Concen: 9.042 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

Tgt Ion: 73 Resp: 40521
Ion Ratio Lower Upper
73 100
43 22.5 17.0 25.6





#25

Chloroform

Concen: 9.118 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX039665.D

Acq: 08 Jan 2024 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

Tgt Ion: 83 Resp: 2351

Ion Ratio Lower Upper

83 100

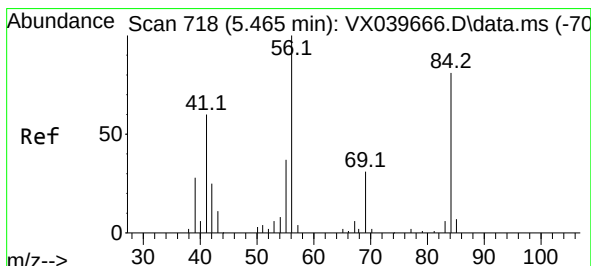
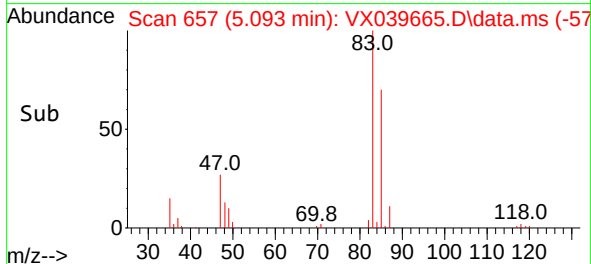
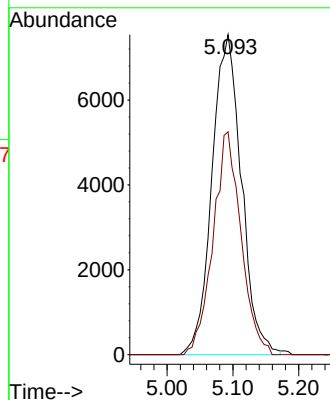
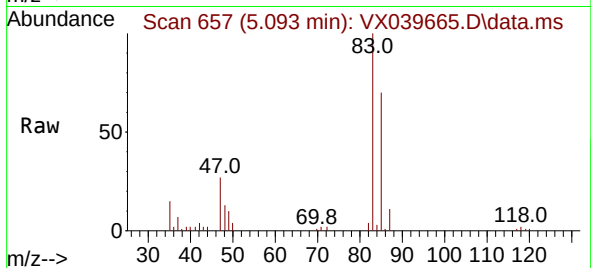
85 69.7 54.6 81.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#26

Cyclohexane

Concen: 9.187 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.001 min

Lab File: VX039665.D

Acq: 08 Jan 2024 16:44

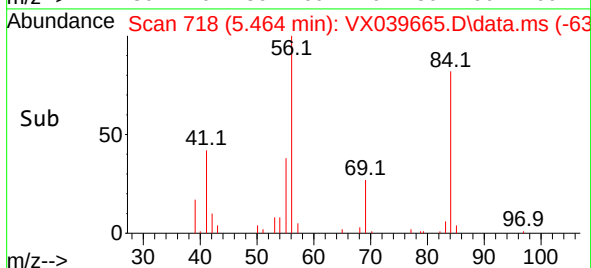
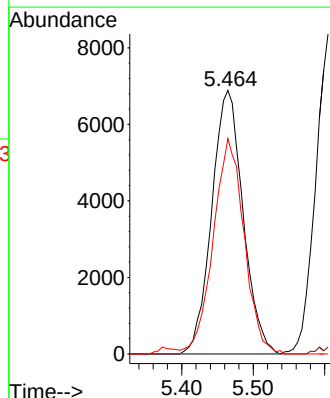
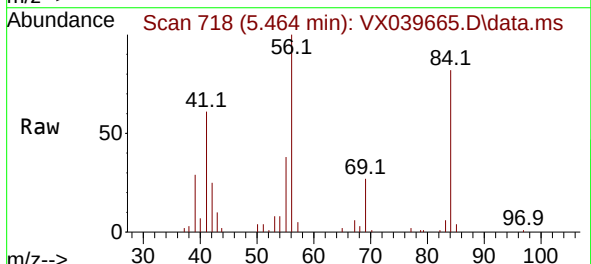
Tgt Ion: 56 Resp: 20941

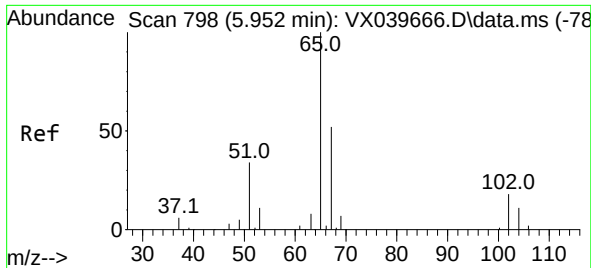
Ion Ratio Lower Upper

56 100

89 0.7 0.0 0.0#

84 80.5 67.2 100.8





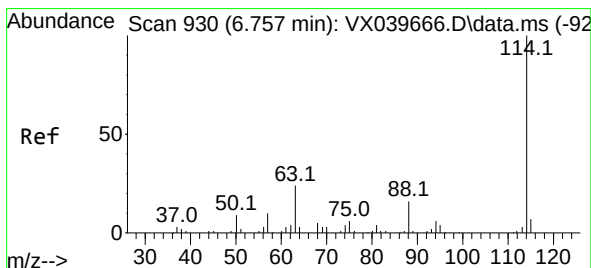
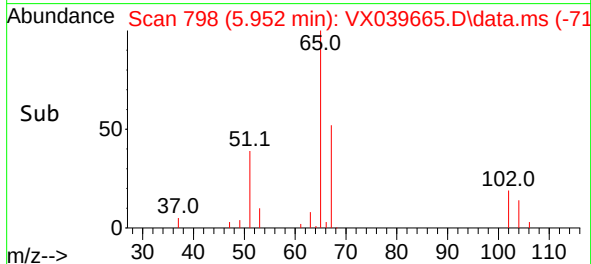
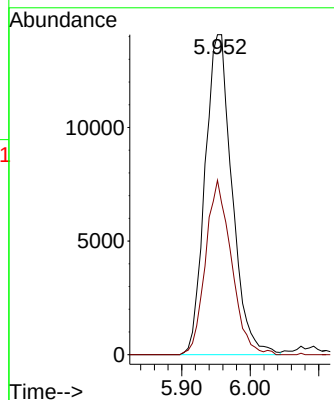
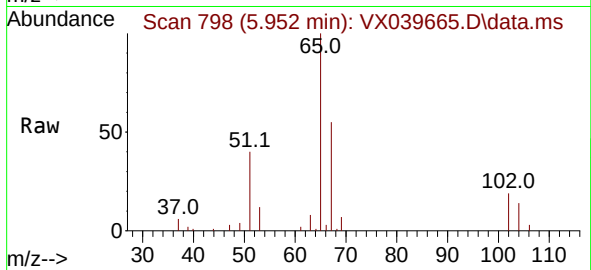
#27
1,2-Dichloroethane-d4
Concen: 30.589 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 65 Resp: 3862
Ion Ratio Lower Upper
65 100
67 51.8 42.5 63.7

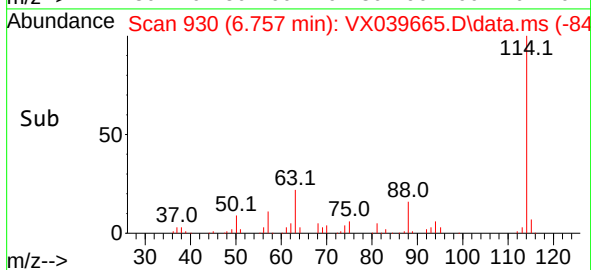
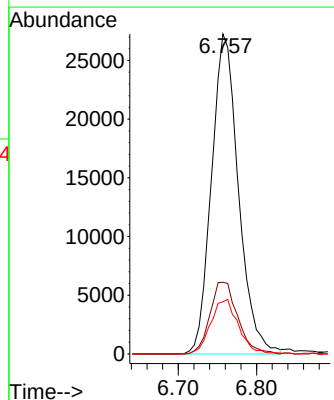
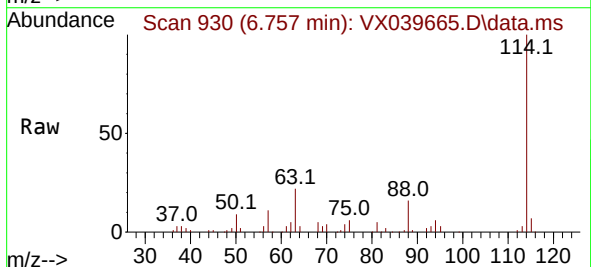
Manual Integrations
APPROVED

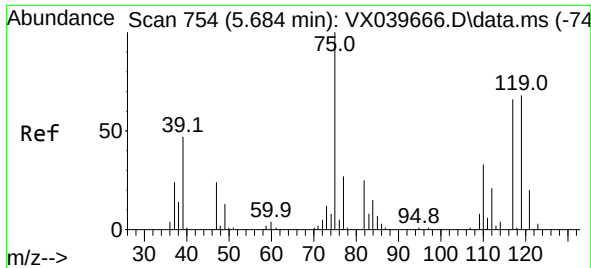
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

Tgt Ion:114 Resp: 65234
Ion Ratio Lower Upper
114 100
63 23.0 17.0 25.4
88 17.4 12.7 19.1





#29
1,1-Dichloropropene
Concen: 8.982 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

Instrument :

MSVOA_X

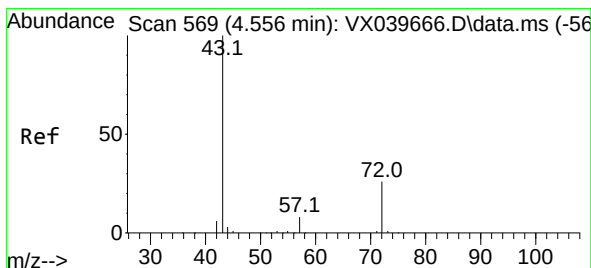
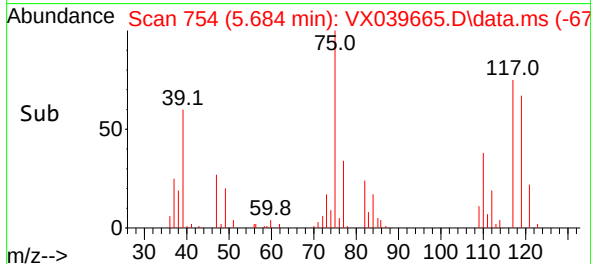
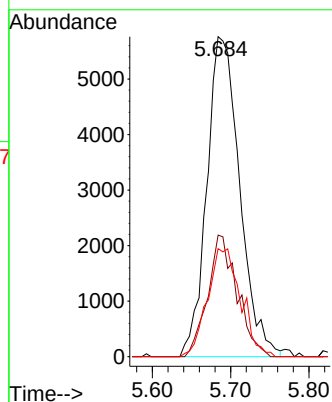
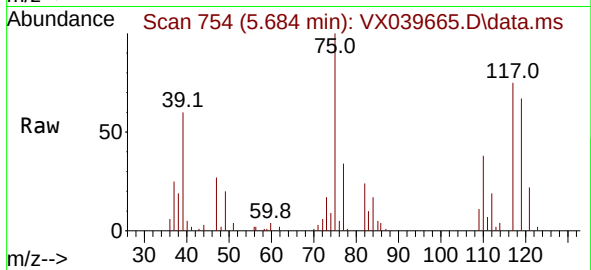
ClientSampleId :

VSTDICC010

Tgt Ion: 75 Resp: 1681
Ion Ratio Lower Upper
75 100
110 34.0 0.0 71.2
77 34.2 0.0 62.6

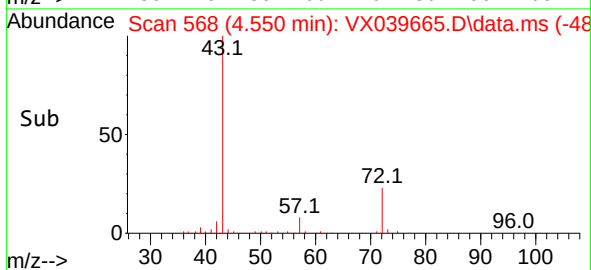
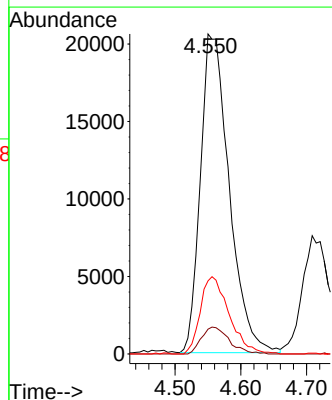
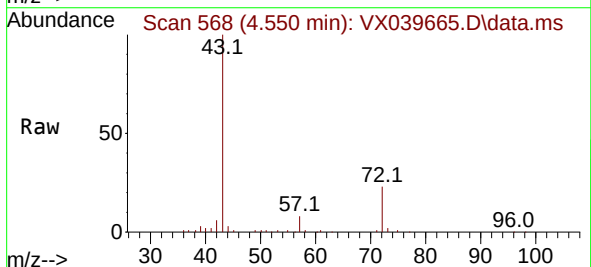
Manual Integrations
APPROVED

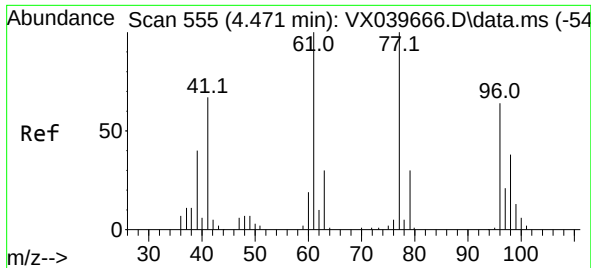
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#30
2-Butanone
Concen: 46.575 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.006 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

Tgt Ion: 43 Resp: 62535
Ion Ratio Lower Upper
43 100
57 8.1 6.6 10.0
72 24.2 20.6 31.0





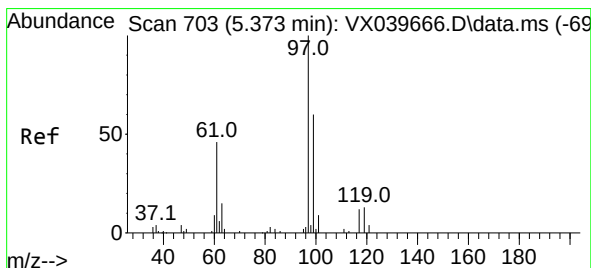
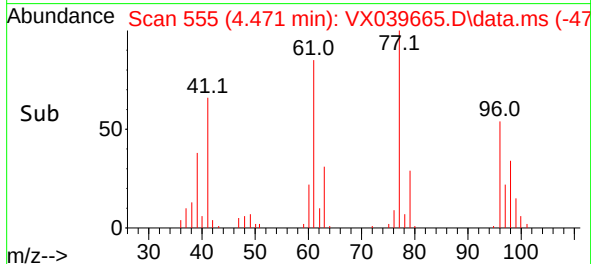
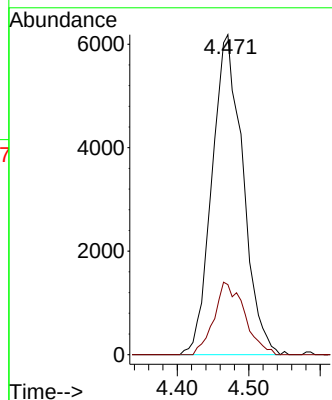
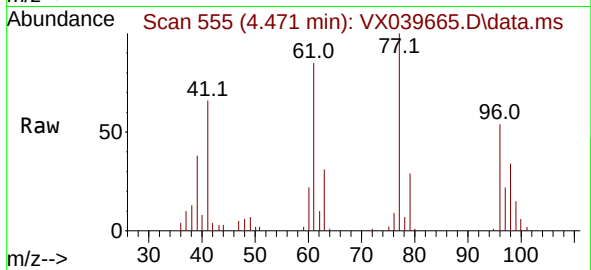
#31
2,2-Dichloropropane
Concen: 8.917 ug/l
RT: 4.471 min Scan# 511
Delta R.T. -0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010

Tgt Ion: 77 Resp: 1855
Ion Ratio Lower Upper
77 100
97 13.5 18.2 27.4

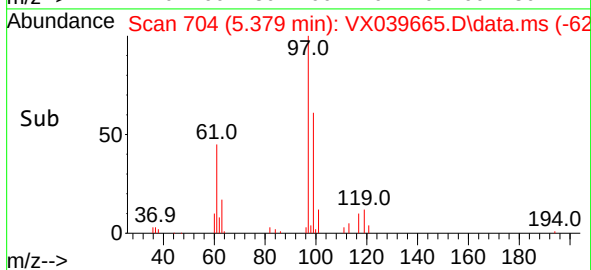
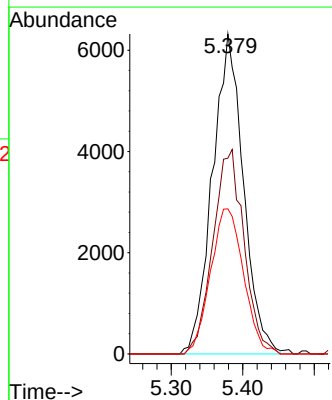
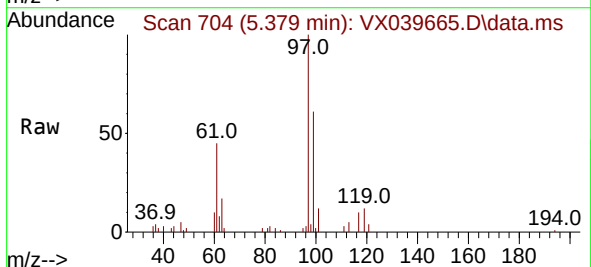
Manual Integrations
APPROVED

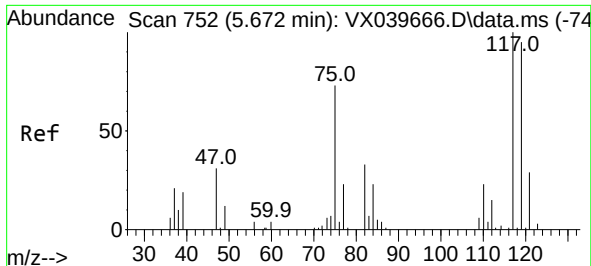
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#32
1,1,1-Trichloroethane
Concen: 8.773 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

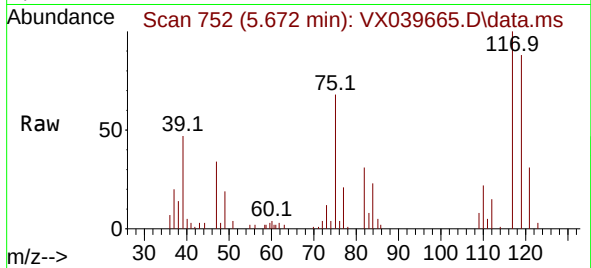
Tgt Ion: 97 Resp: 18982
Ion Ratio Lower Upper
97 100
99 64.2 52.6 79.0
61 48.5 36.9 55.3





#33
Carbon Tetrachloride
Concen: 8.445 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

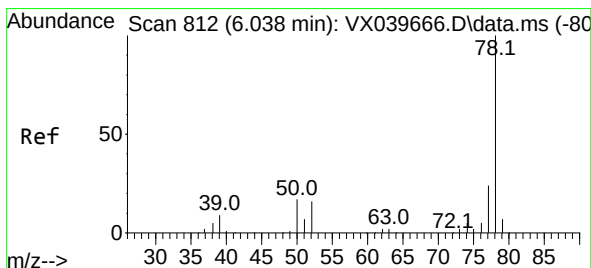
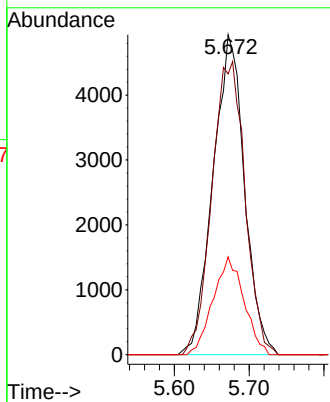
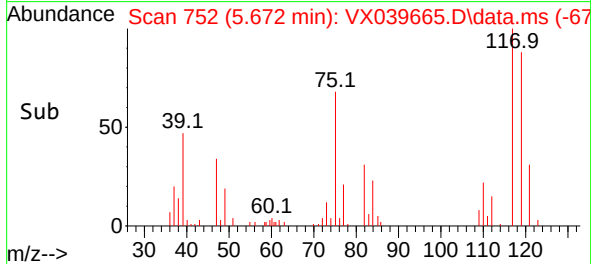
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



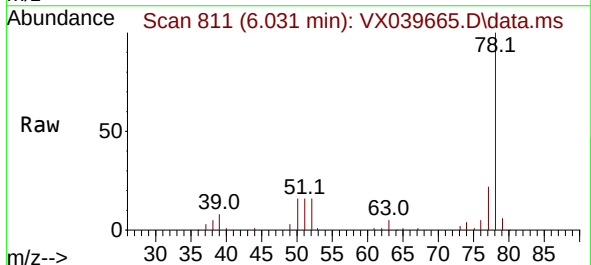
Tgt Ion: 117 Resp: 1440
Ion Ratio Lower Upper
117 100
119 87.8 78.2 117.4
121 30.6 24.7 37.1

Manual Integrations
APPROVED

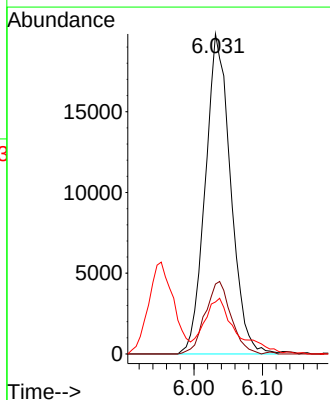
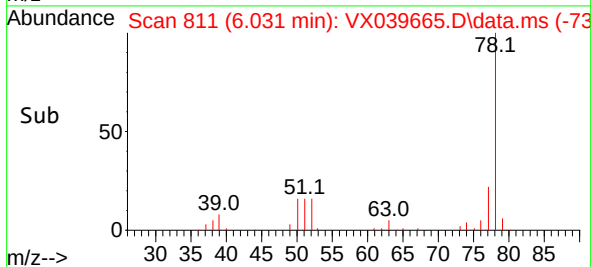
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024

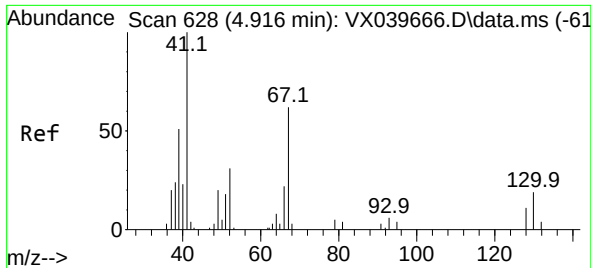


#34
Benzene
Concen: 9.172 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.007 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44



Tgt Ion: 78 Resp: 50938
Ion Ratio Lower Upper
78 100
77 21.9 19.3 28.9
51 15.4 14.4 21.6





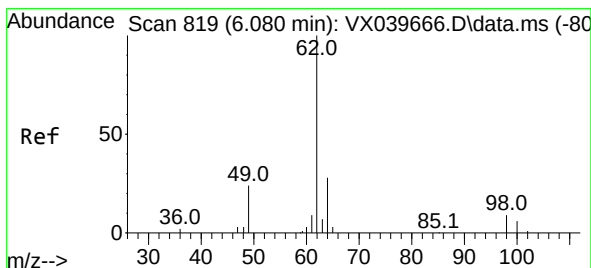
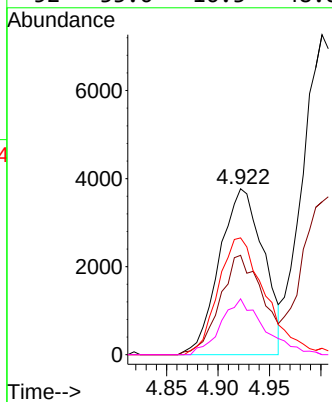
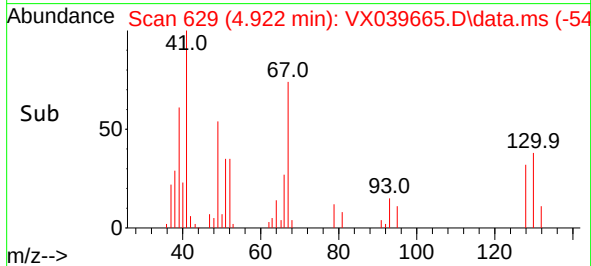
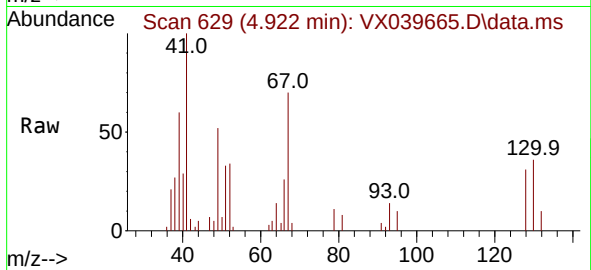
#35
Methacrylonitrile
Concen: 8.743 ug/l
RT: 4.922 min Scan# 612
Delta R.T. 0.006 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 41	Resp: 1129
Ion Ratio	Lower Upper
41 100	
39 59.9	28.2 84.7
67 70.4	34.5 103.5
52 33.6	16.3 48.8

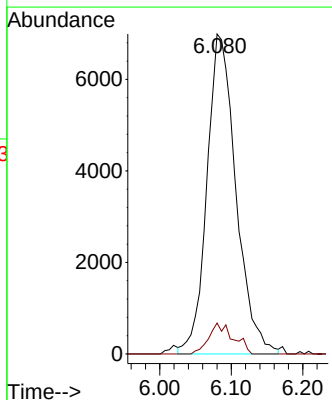
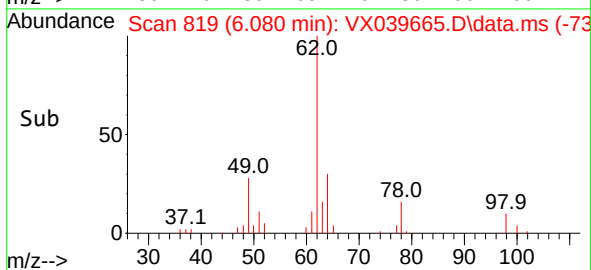
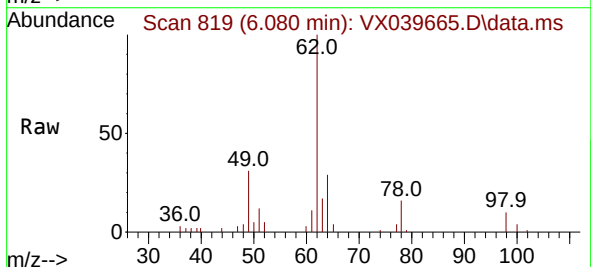
Manual Integrations
APPROVED

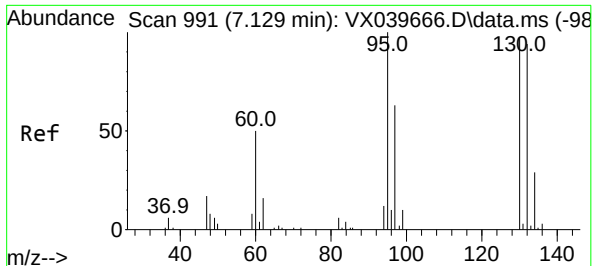
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#36
1,2-Dichloroethane
Concen: 9.059 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

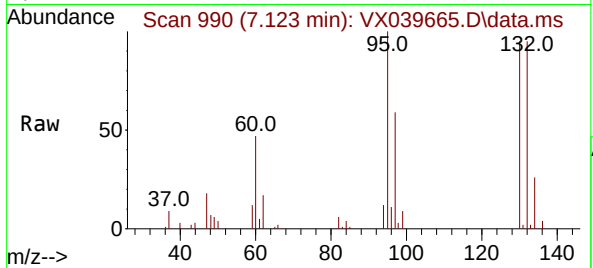
Tgt Ion: 62	Resp: 19728
Ion Ratio	Lower Upper
62 100	
98 7.3	7.0 10.4





#37
Trichloroethene
Concen: 9.176 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

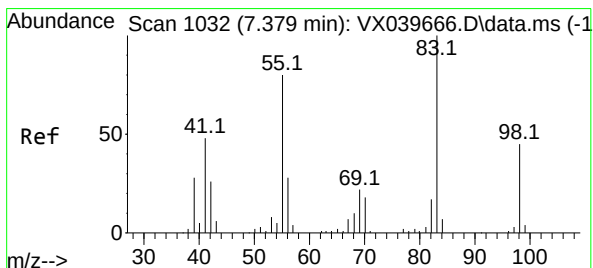
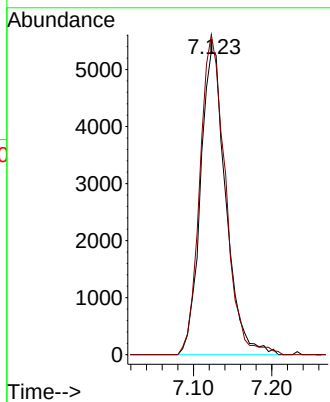
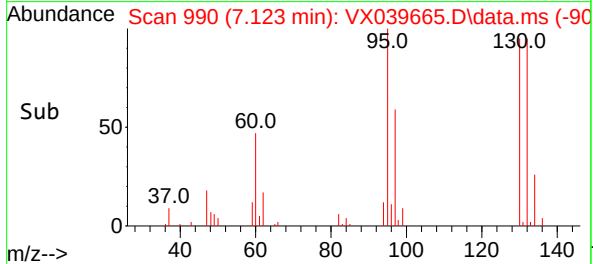
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



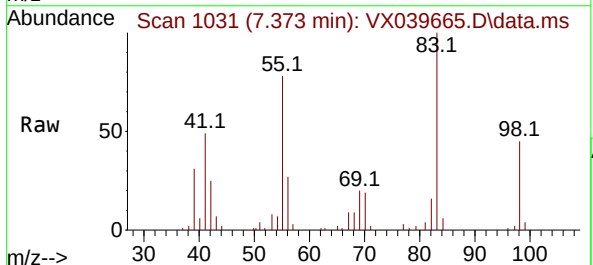
Tgt Ion:130 Resp: 1210
Ion Ratio Lower Upper
130 100
95 105.5 85.8 128.8

Manual Integrations
APPROVED

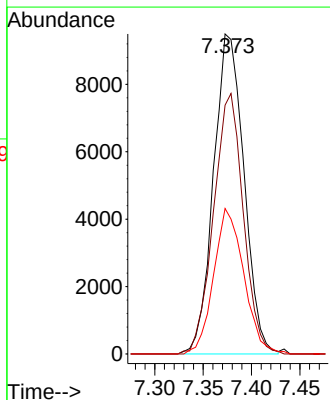
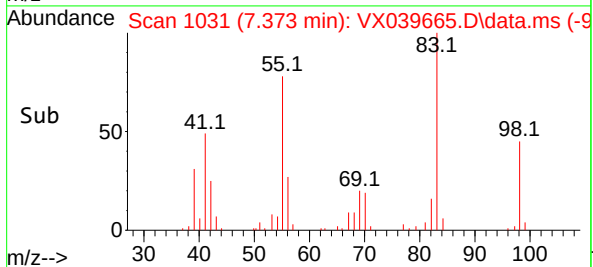
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024

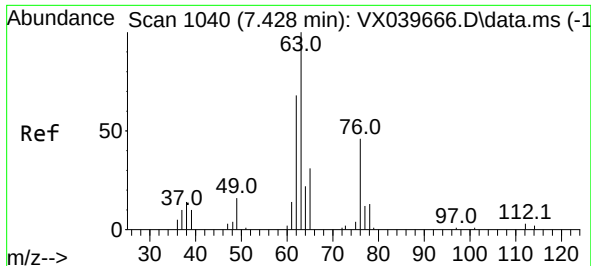


#38
Methylcyclohexane
Concen: 9.053 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44



Tgt Ion: 83 Resp: 20734
Ion Ratio Lower Upper
83 100
55 79.6 38.6 116.0
98 45.1 22.3 66.8





#39
1,2-Dichloropropane
Concen: 8.997 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

Instrument :

MSVOA_X

ClientSampleId :

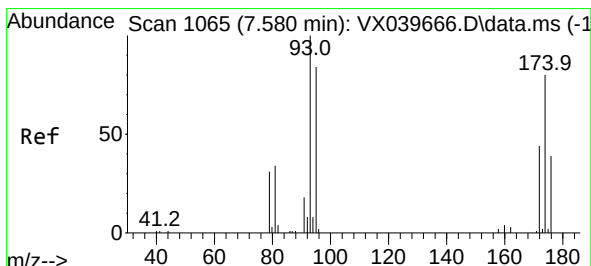
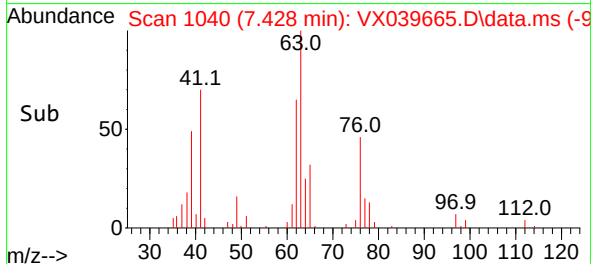
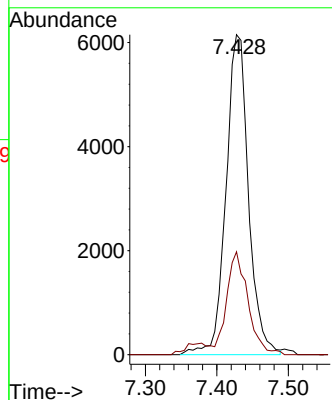
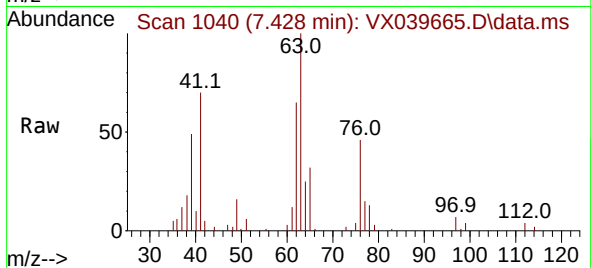
VSTDICC010

Tgt Ion: 63 Resp: 1346
Ion Ratio Lower Upper
63 100
65 31.2 24.6 37.0

Manual Integrations

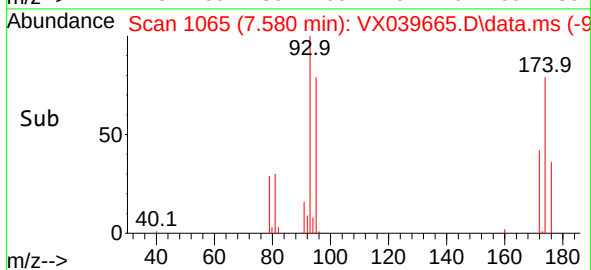
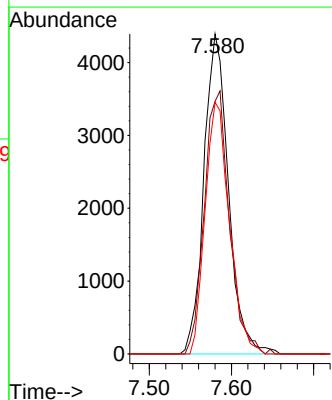
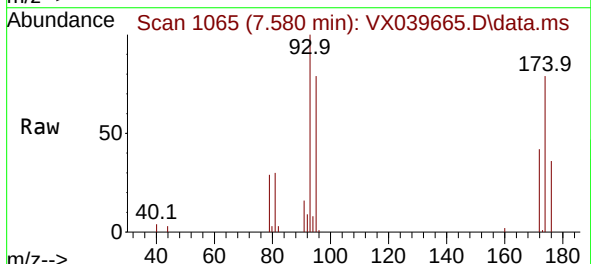
APPROVED

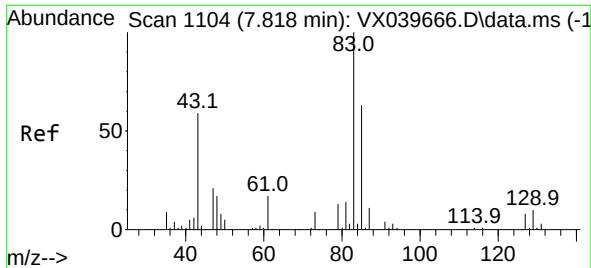
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#40
Dibromomethane
Concen: 8.997 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

Tgt Ion: 93 Resp: 9093
Ion Ratio Lower Upper
93 100
95 84.1 0.0 163.4
174 78.0 0.0 166.4





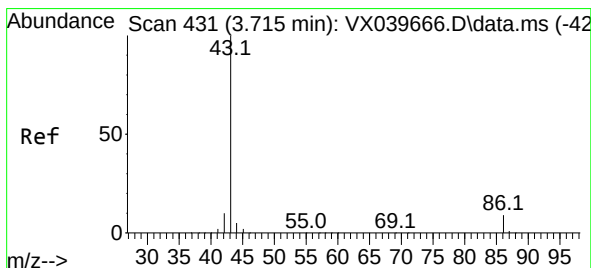
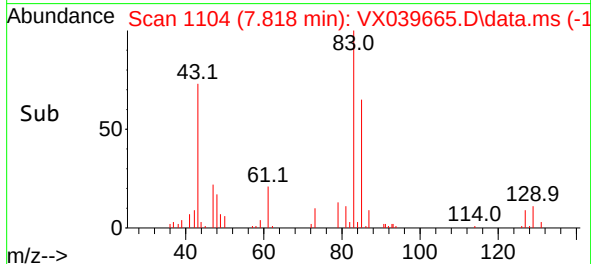
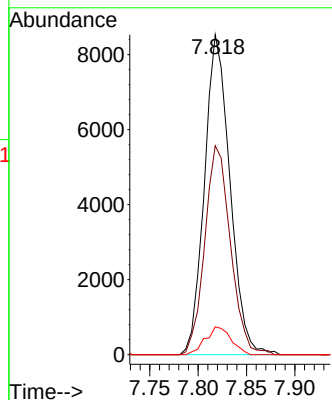
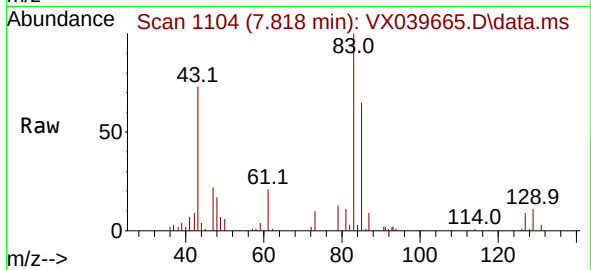
#41
Bromodichloromethane
Concen: 8.354 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 1564
Ion Ratio Lower Upper
83 100
85 65.3 50.8 76.2
127 8.7 5.9 8.9

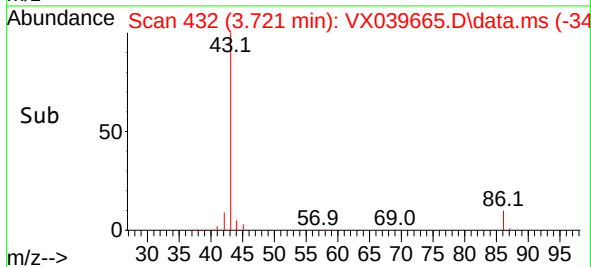
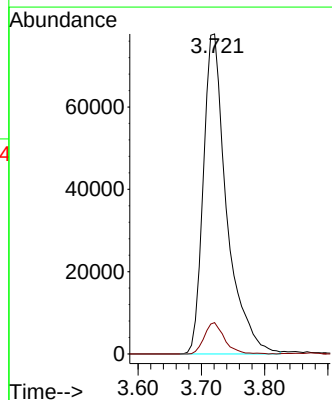
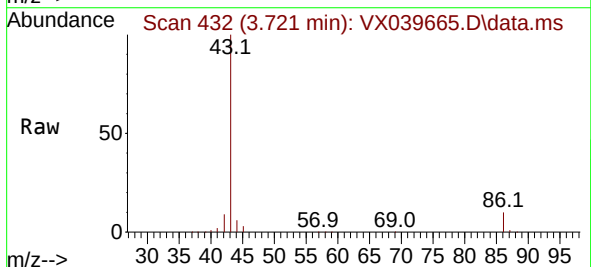
Manual Integrations
APPROVED

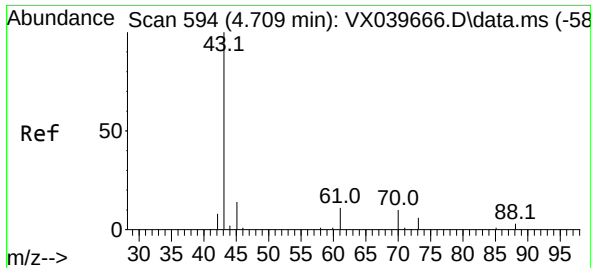
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#42
Vinyl Acetate
Concen: 45.013 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.006 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

Tgt Ion: 43 Resp: 199828
Ion Ratio Lower Upper
43 100
86 8.4 6.7 10.1





#43
Ethyl Acetate
Concen: 9.291 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

Instrument :

MSVOA_X

ClientSampleId :

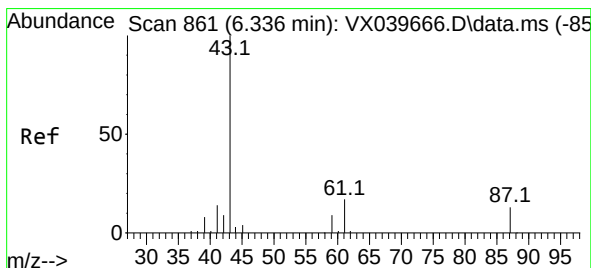
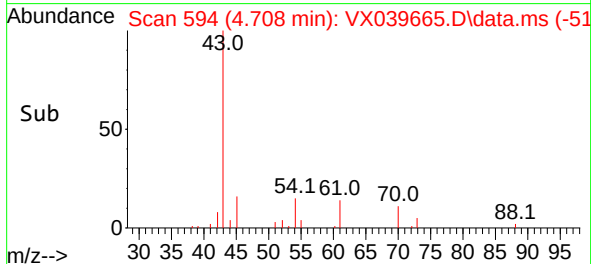
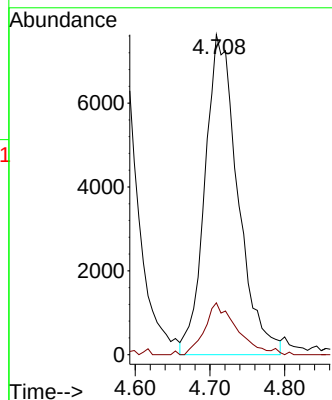
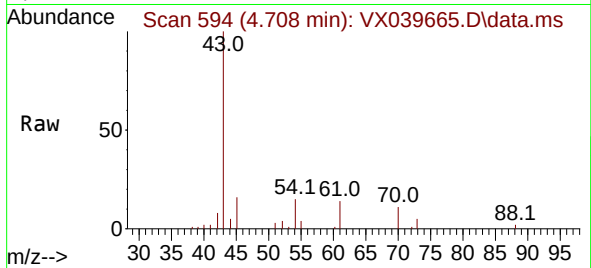
VSTDICC010

Tgt Ion: 43 Resp: 2338
Ion Ratio Lower Upper
43 100
45 15.6 11.8 17.8

Manual Integrations

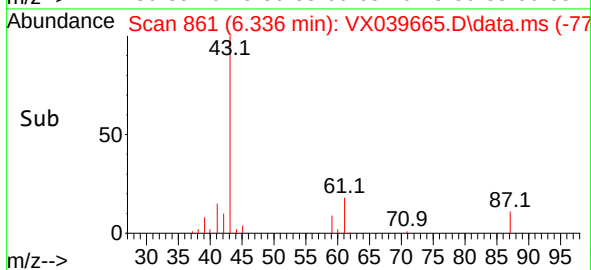
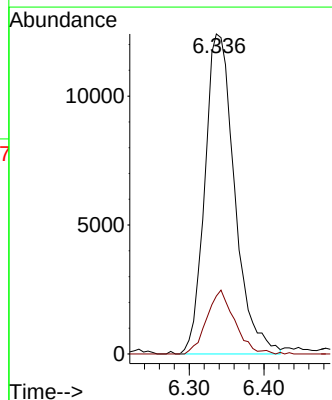
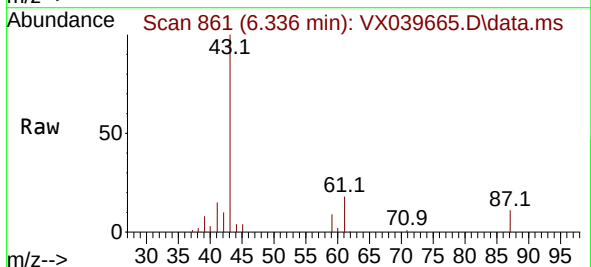
APPROVED

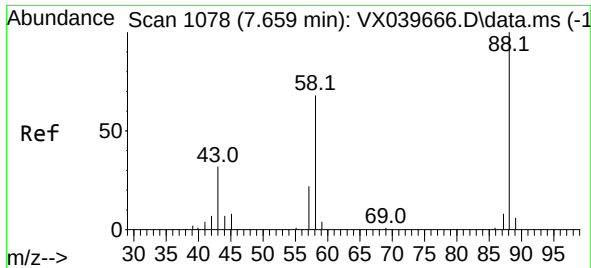
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#44
Isopropyl Acetate
Concen: 8.840 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

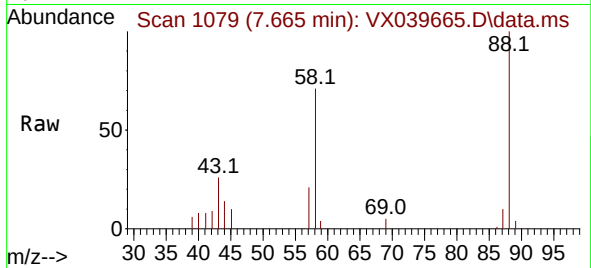
Tgt Ion: 43 Resp: 34392
Ion Ratio Lower Upper
43 100
61 18.3 15.6 23.4





#45
1,4-Dioxane
Concen: 192.836 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

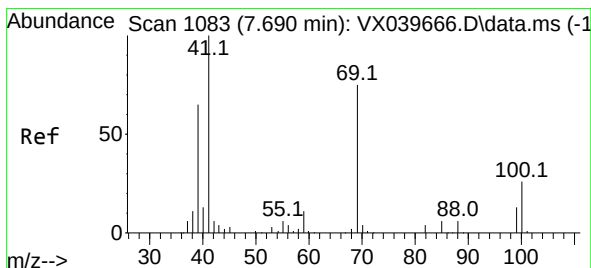
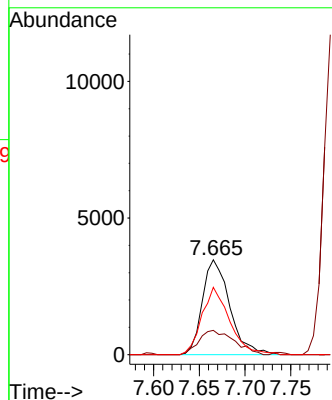
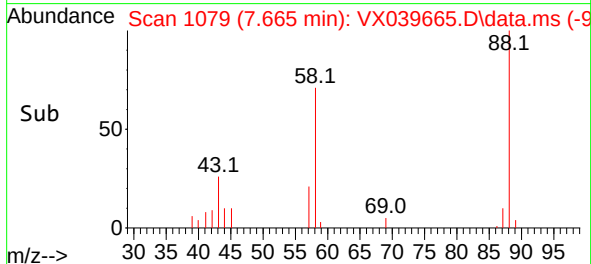
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



Tgt Ion: 88 Resp: 723
Ion Ratio Lower Upper
88 100
43 33.1 28.1 42.1
58 71.8 57.7 86.5

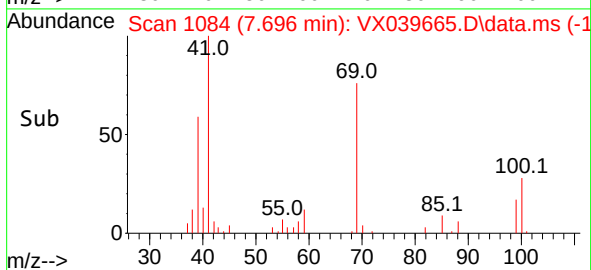
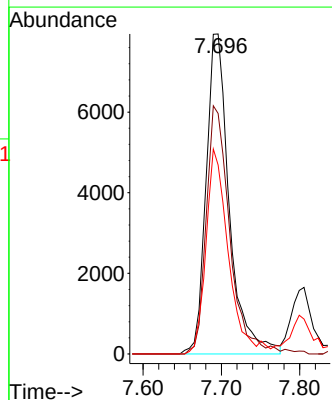
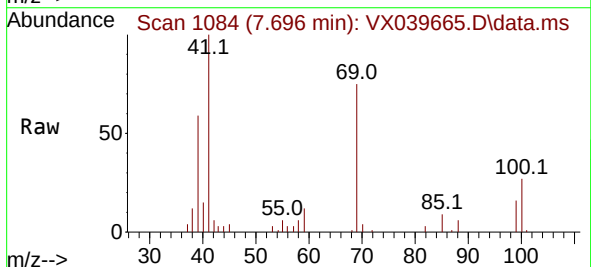
Manual Integrations
APPROVED

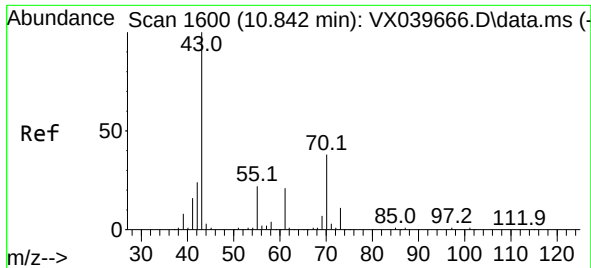
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#46
Methyl methacrylate
Concen: 8.756 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

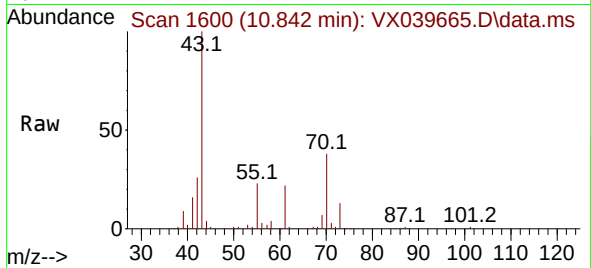
Tgt Ion: 41 Resp: 16361
Ion Ratio Lower Upper
41 100
69 75.2 39.6 118.8
39 59.1 30.1 90.3





#47
n-amy1 Acetate
Concen: 8.290 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

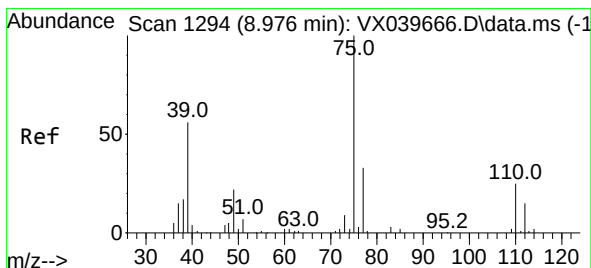
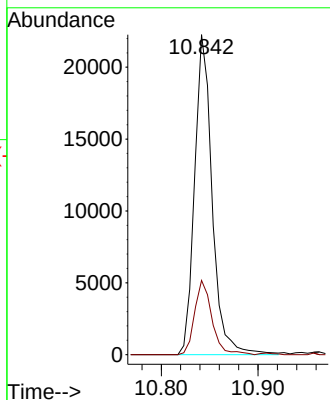
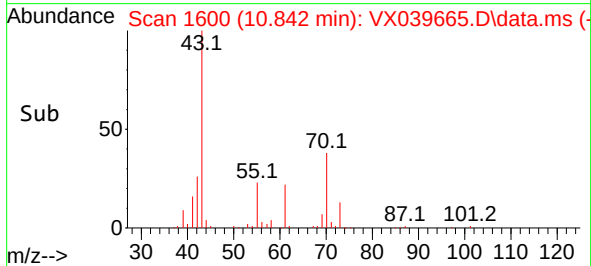
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 2816
Ion Ratio Lower Upper
43 100
55 22.3 18.2 27.2

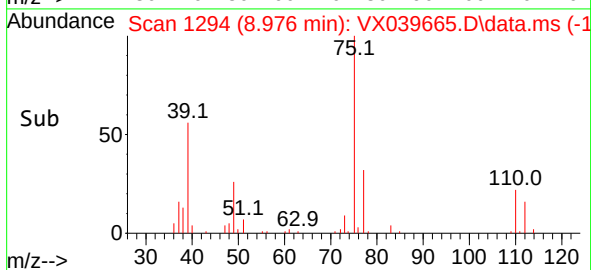
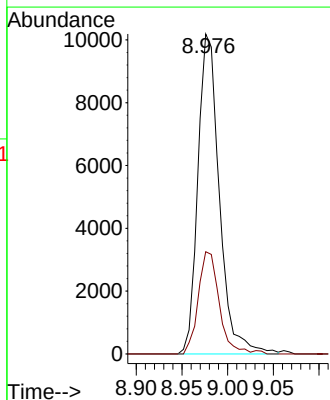
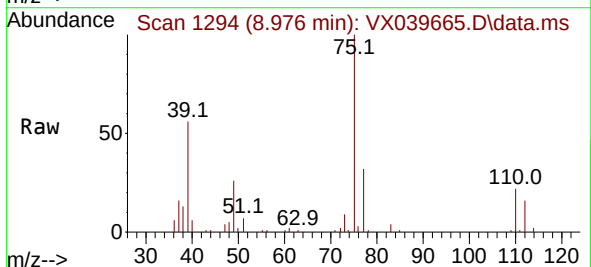
Manual Integrations
APPROVED

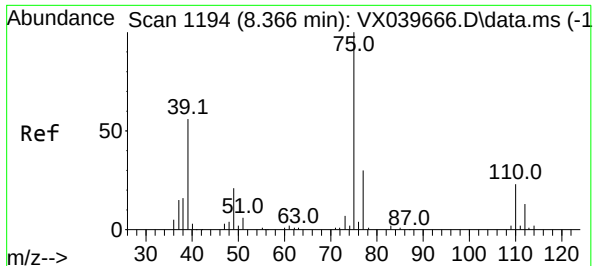
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#48
t-1,3-Dichloropropene
Concen: 8.259 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

Tgt Ion: 75 Resp: 16648
Ion Ratio Lower Upper
75 100
77 31.9 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 8.580 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039665.D

Acq: 08 Jan 2024 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

Tgt Ion: 75 Resp: 1894

Ion Ratio Lower Upper

75 100

77 29.7 24.4 36.6

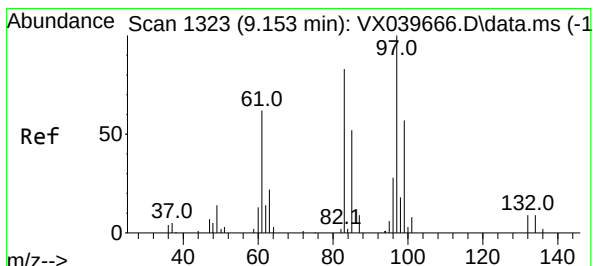
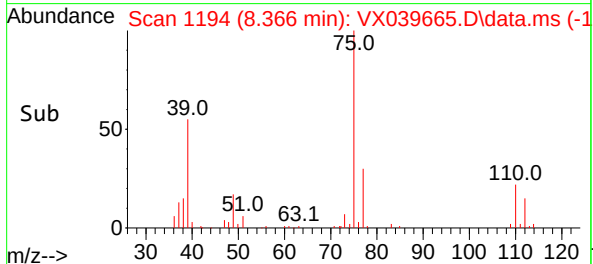
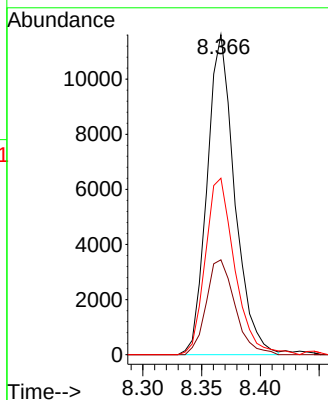
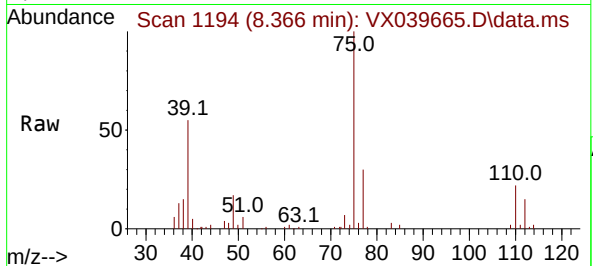
39 55.1 40.6 60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#50

1,1,2-Trichloroethane

Concen: 9.021 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX039665.D

Acq: 08 Jan 2024 16:44

Tgt Ion: 97 Resp: 12498

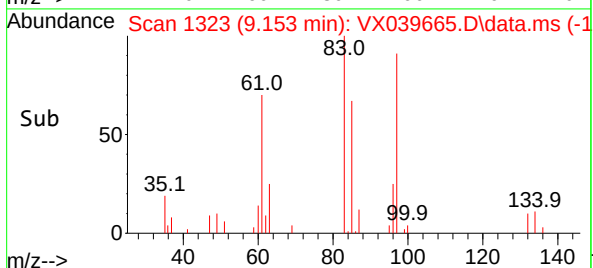
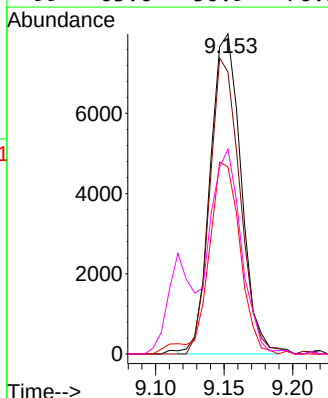
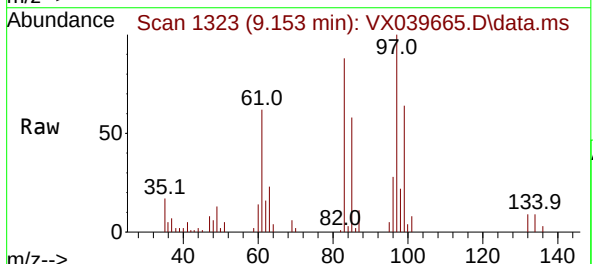
Ion Ratio Lower Upper

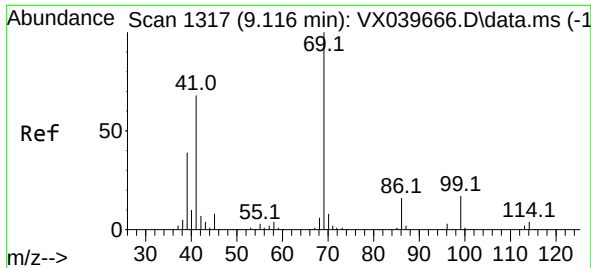
97 100

83 89.0 69.0 103.6

85 59.0 46.3 69.5

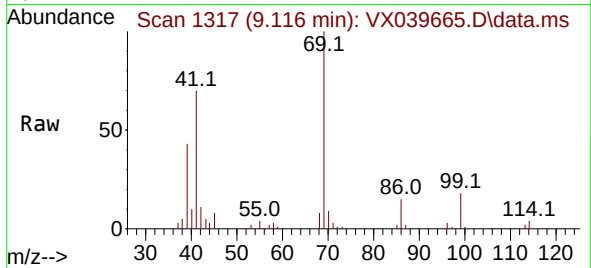
99 63.6 50.9 76.3





#51
Ethyl methacrylate
Concen: 8.548 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

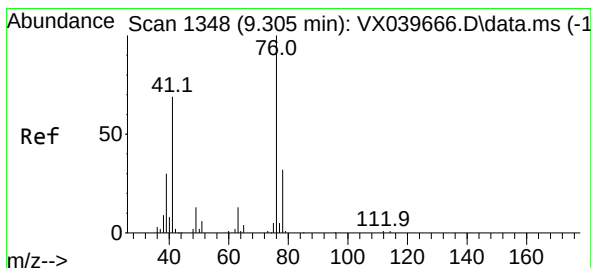
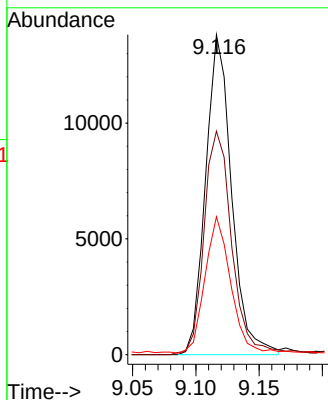
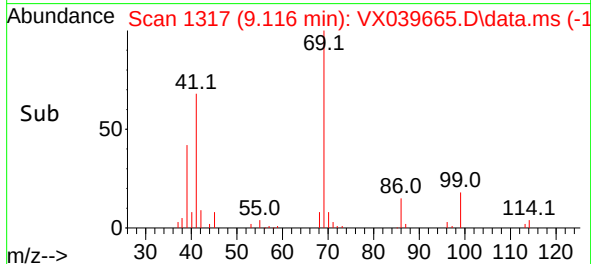
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



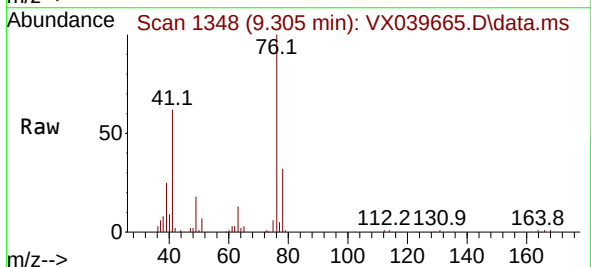
Tgt Ion: 69 Resp: 1978
Ion Ratio Lower Upper
69 100
41 69.2 36.2 108.6
39 42.6 21.1 63.4

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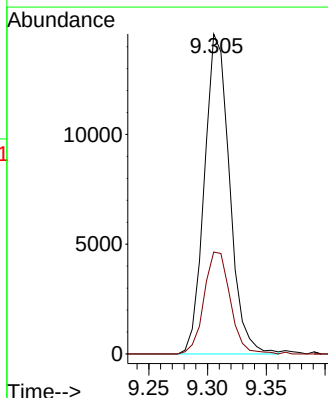
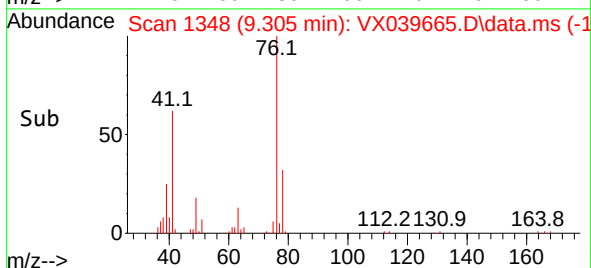
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024

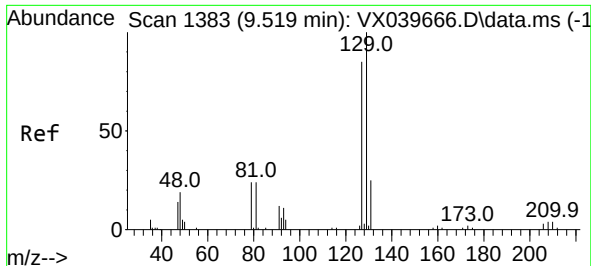


#52
1,3-Dichloropropane
Concen: 9.094 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44



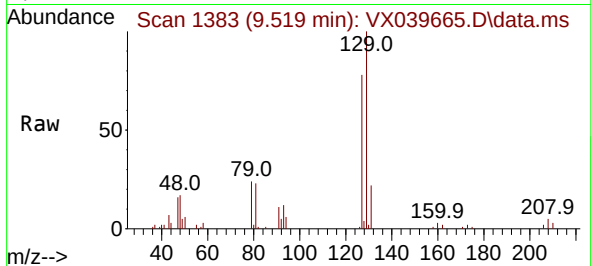
Tgt Ion: 76 Resp: 21743
Ion Ratio Lower Upper
76 100
78 33.0 0.0 65.0





#53
Dibromochloromethane
Concen: 8.195 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

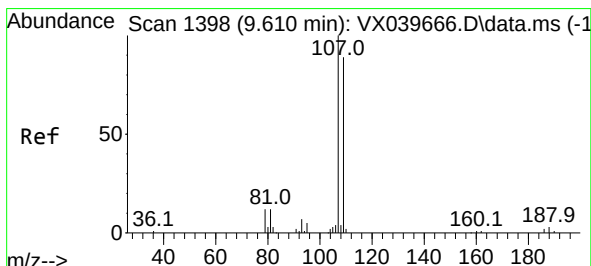
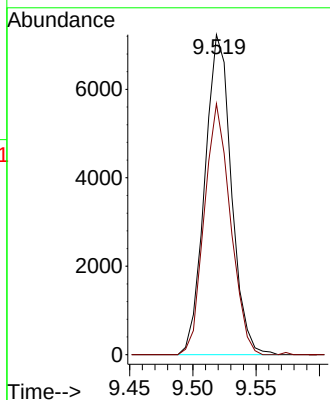
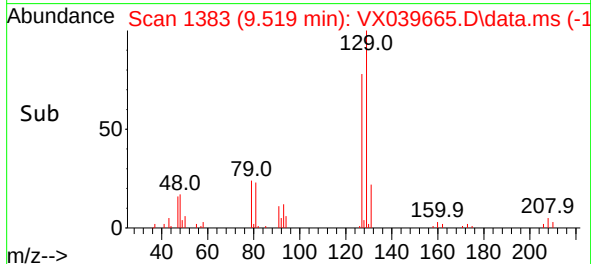
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



Tgt Ion:129 Resp: 1056
Ion Ratio Lower Upper
129 100
127 77.0 38.3 114.9

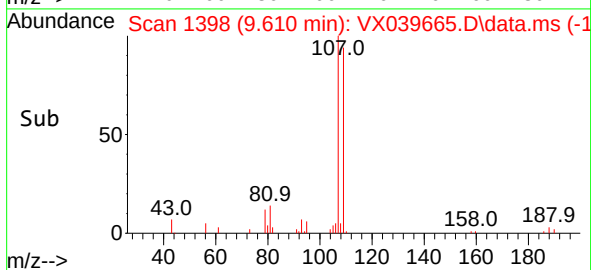
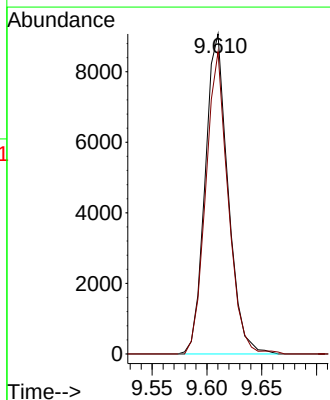
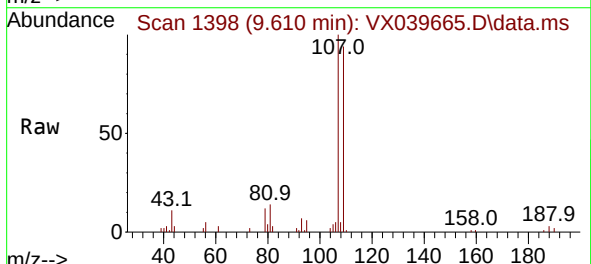
Manual Integrations
APPROVED

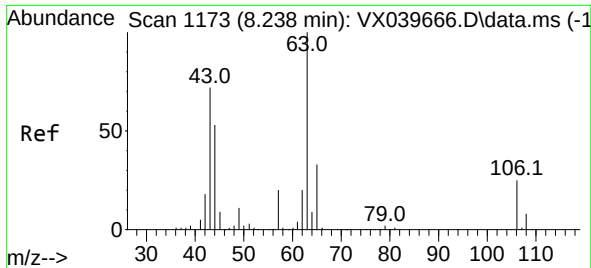
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#54
1,2-Dibromoethane
Concen: 9.071 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

Tgt Ion:107 Resp: 13171
Ion Ratio Lower Upper
107 100
109 91.7 75.1 112.7





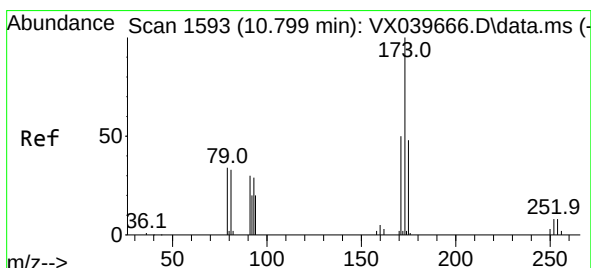
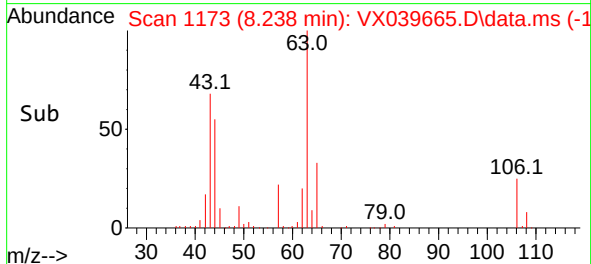
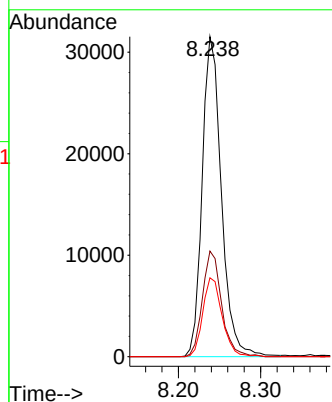
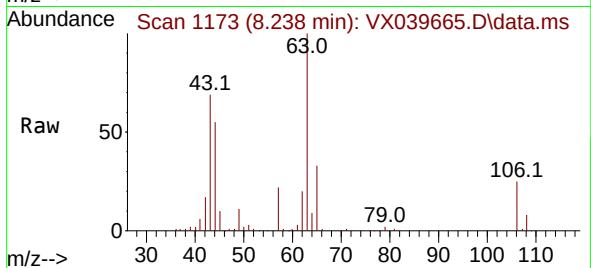
#55
2-Chloroethyl vinyl ether
Concen: 45.530 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010

Tgt Ion: 63 Resp: 51274
Ion Ratio Lower Upper
63 100
65 32.9 25.8 38.6
106 24.7 20.6 31.0

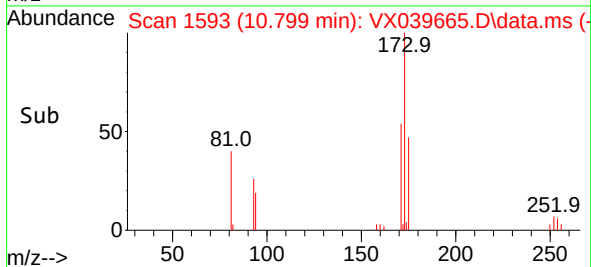
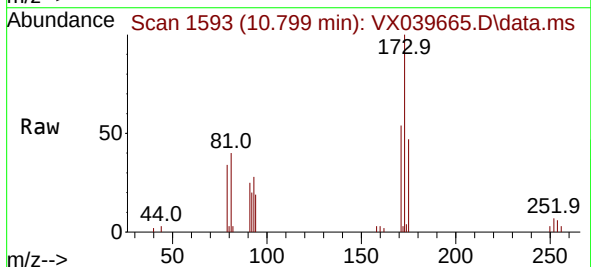
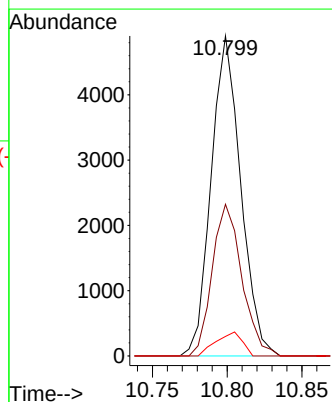
Manual Integrations
APPROVED

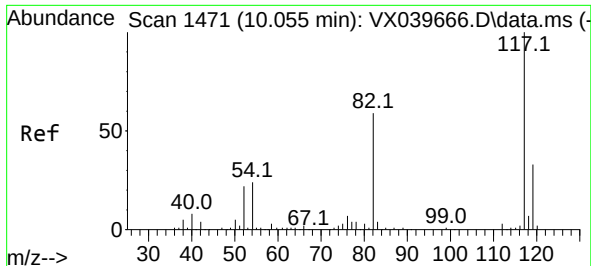
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#56
Bromoform
Concen: 7.760 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

Tgt Ion:173 Resp: 6739
Ion Ratio Lower Upper
173 100
175 47.5 37.6 56.4
254 6.7 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: VX039665.D

Acq: 08 Jan 2024 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

Tgt Ion: 117 Resp: 79230

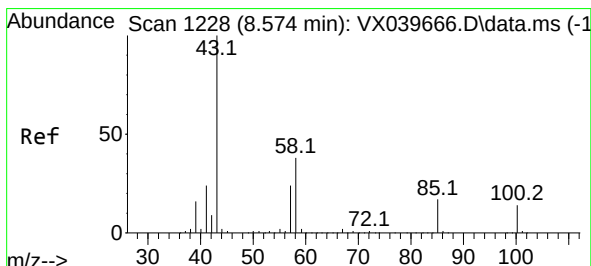
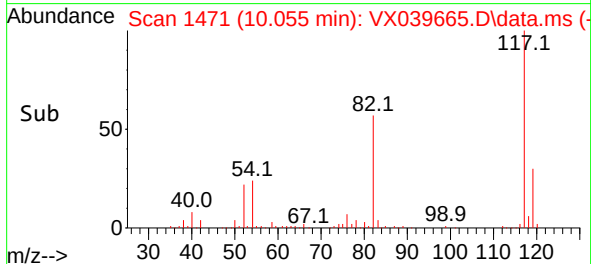
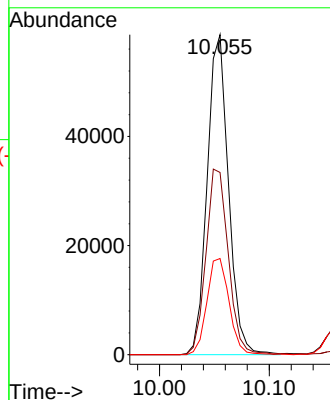
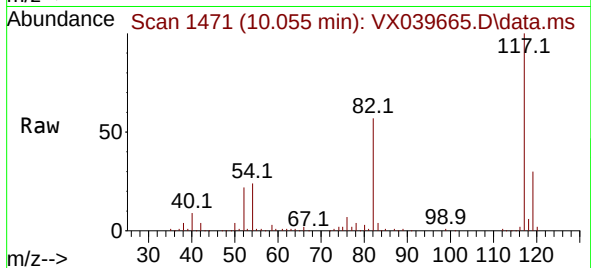
Ion	Ratio	Lower	Upper
117	100		
82	60.9	47.0	70.6
119	31.4	25.2	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#58

4-Methyl-2-Pentanone

Concen: 46.791 ug/l

RT: 8.574 min Scan# 1228

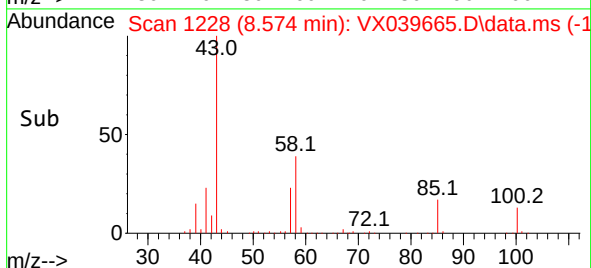
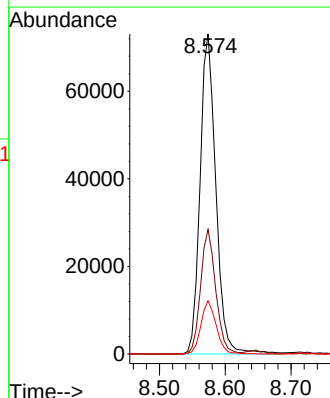
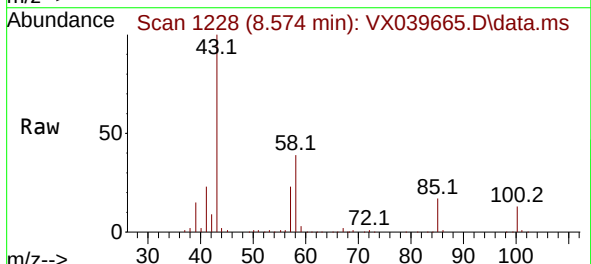
Delta R.T. -0.000 min

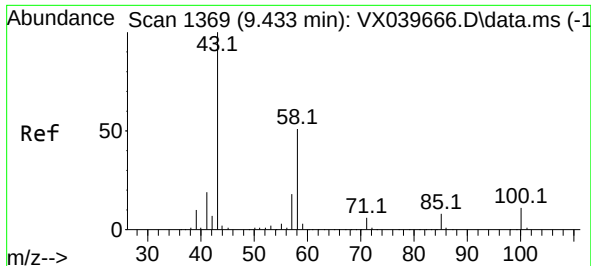
Lab File: VX039665.D

Acq: 08 Jan 2024 16:44

Tgt Ion: 43 Resp: 121944

Ion	Ratio	Lower	Upper
43	100		
58	37.2	30.1	45.1
85	16.0	13.9	20.9





#59

2-Hexanone

Concen: 45.732 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX039665.D

Acq: 08 Jan 2024 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

Tgt Ion: 43 Resp: 96470

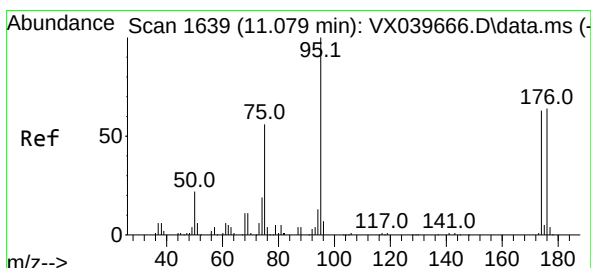
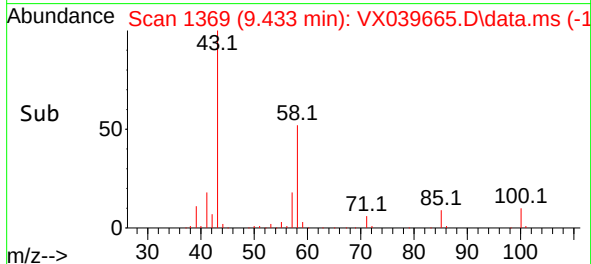
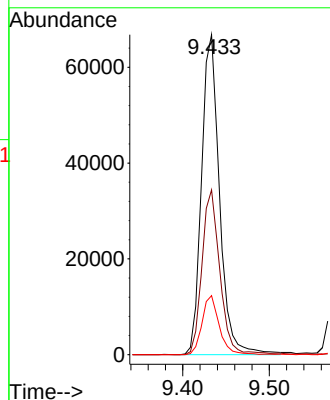
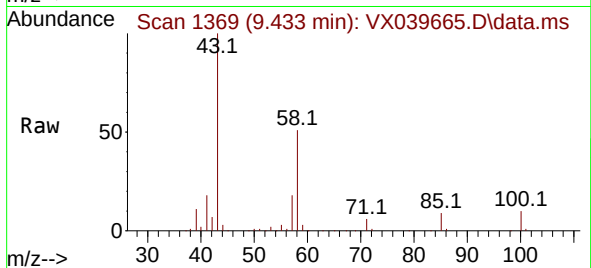
Ion	Ratio	Lower	Upper
43	100		
58	50.2	42.7	64.1
57	17.6	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#60

4-Bromofluorobenzene

Concen: 28.767 ug/l

RT: 11.079 min Scan# 1639

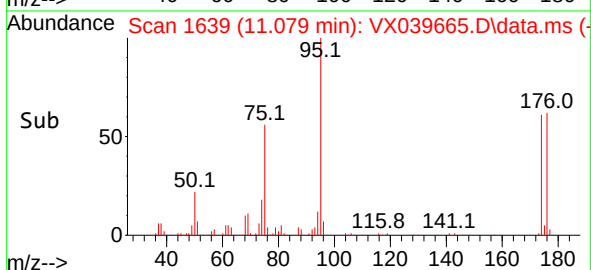
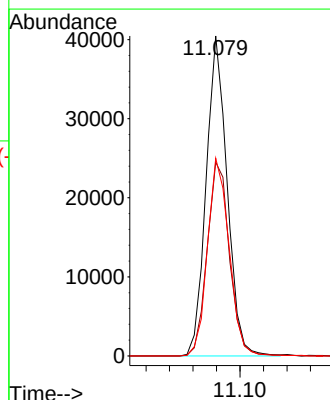
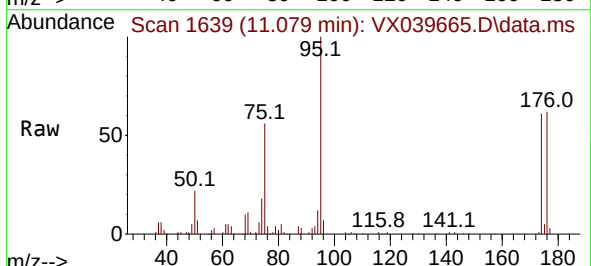
Delta R.T. 0.000 min

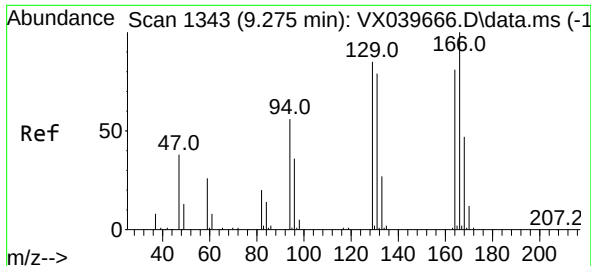
Lab File: VX039665.D

Acq: 08 Jan 2024 16:44

Tgt Ion: 95 Resp: 50271

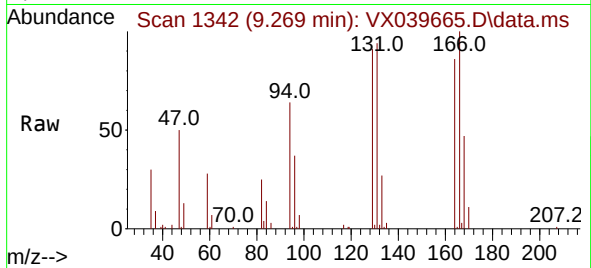
Ion	Ratio	Lower	Upper
95	100		
174	64.4	55.4	83.2
176	63.6	52.6	78.8





#61
Tetrachloroethene
Concen: 9.062 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

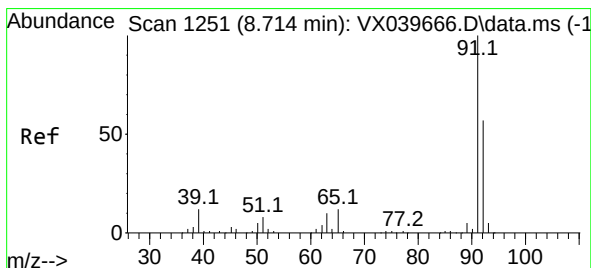
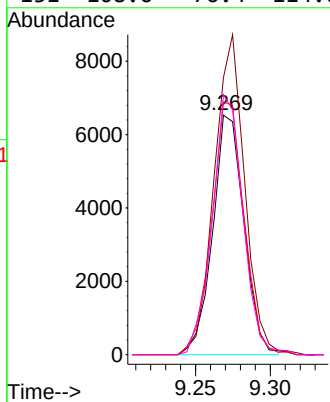
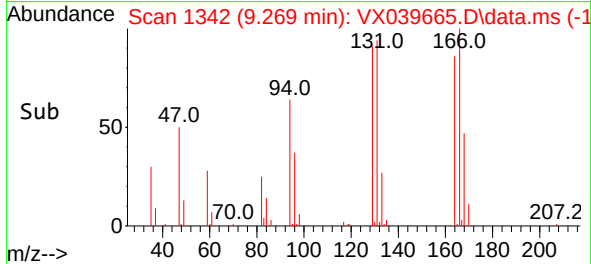
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



Tgt Ion:164 Resp: 951
Ion Ratio Lower Upper
164 100
166 115.8 104.0 156.0
129 105.5 82.0 123.0
131 108.6 76.4 114.6

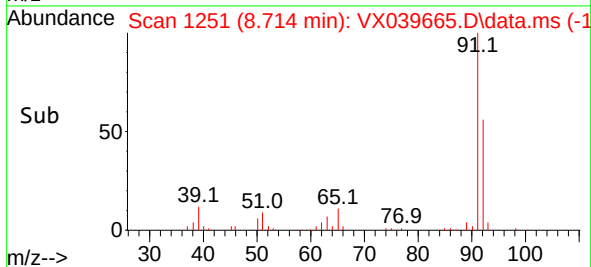
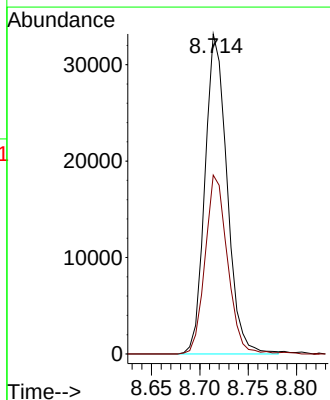
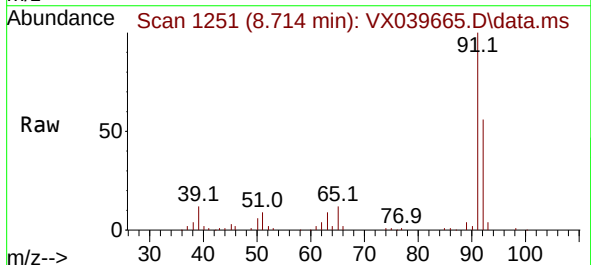
Manual Integrations
APPROVED

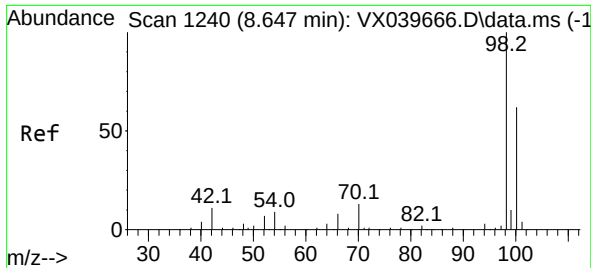
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#62
Toluene
Concen: 8.986 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

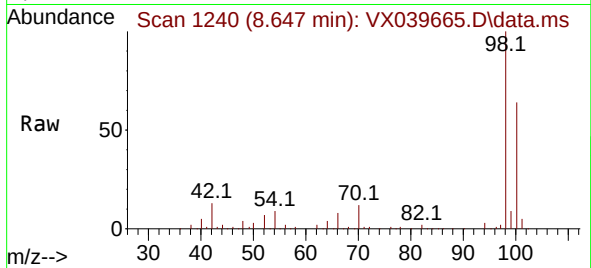
Tgt Ion: 91 Resp: 52782
Ion Ratio Lower Upper
91 100
92 56.5 45.9 68.9





#63
Toluene-d8
Concen: 30.706 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

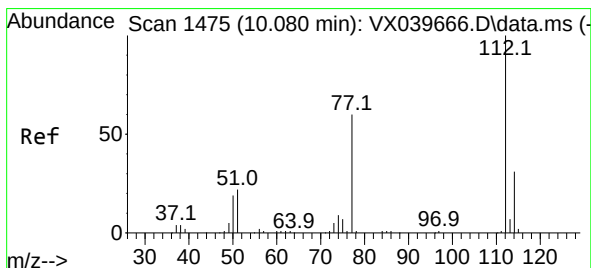
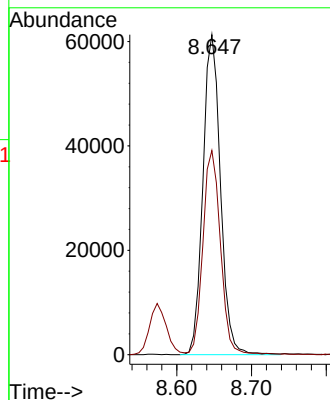
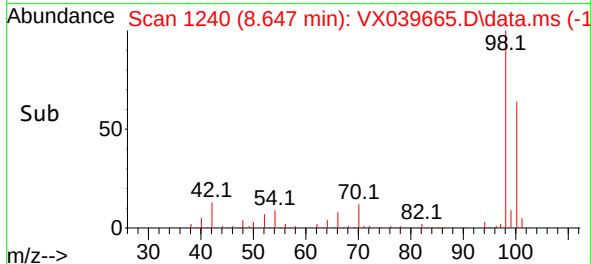
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010



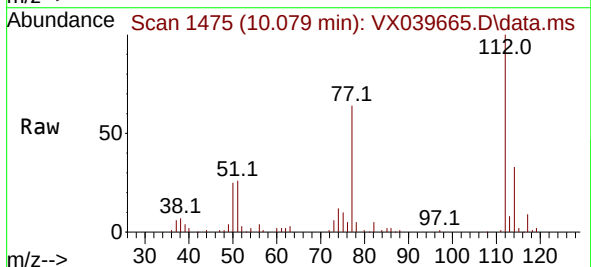
Tgt Ion: 98 Resp: 100023
Ion Ratio Lower Upper
98 100
100 63.6 51.0 76.4

Manual Integrations
APPROVED

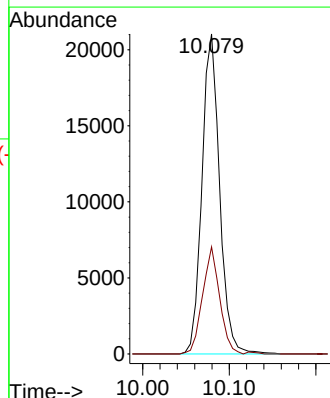
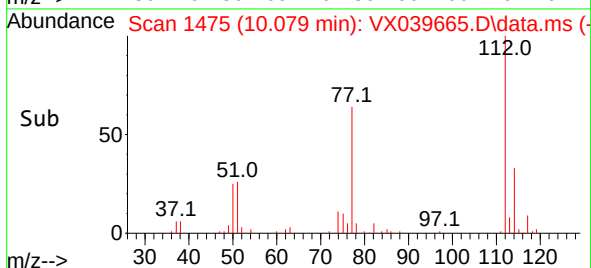
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024

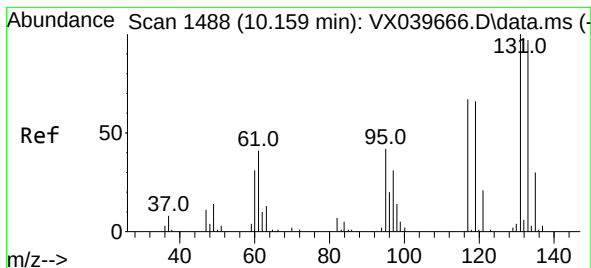


#64
Chlorobenzene
Concen: 8.734 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44



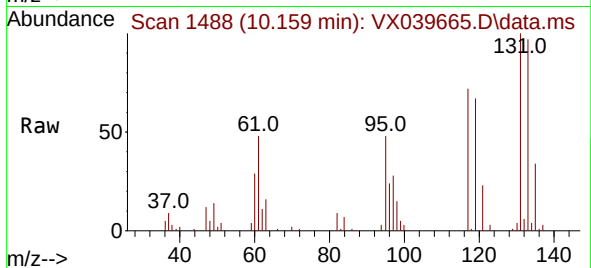
Tgt Ion:112 Resp: 29826
Ion Ratio Lower Upper
112 100
114 33.5 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 8.251 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

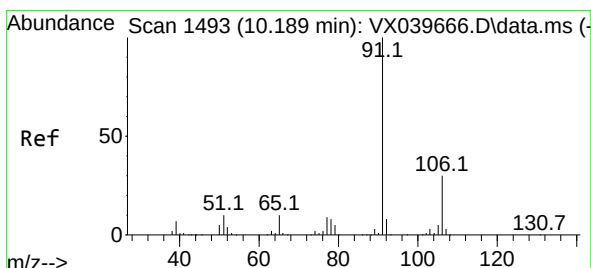
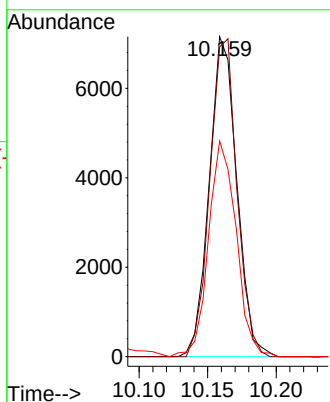
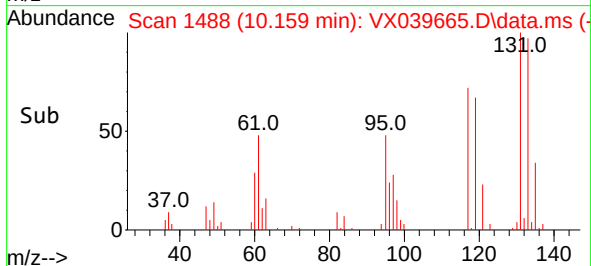
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



Tgt Ion:131 Resp: 1001
Ion Ratio Lower Upper
131 100
133 97.7 0.0 191.8
119 67.7 0.0 135.4

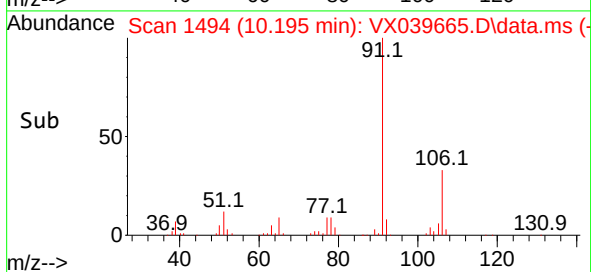
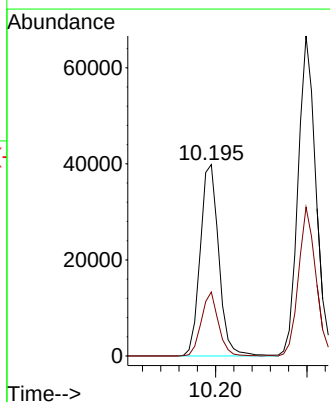
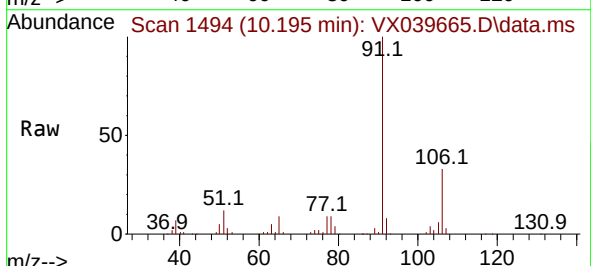
Manual Integrations
APPROVED

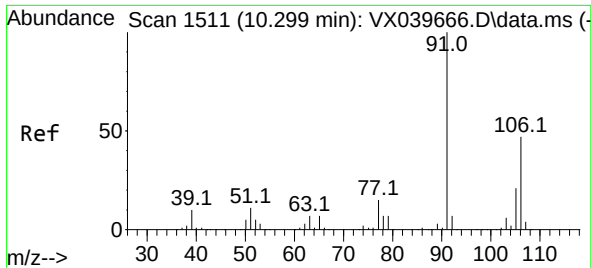
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#66
Ethyl Benzene
Concen: 8.727 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

Tgt Ion: 91 Resp: 56287
Ion Ratio Lower Upper
91 100
106 33.4 24.4 36.6





#67

m/p-Xylenes

Concen: 17.644 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX039665.D

Acq: 08 Jan 2024 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

Tgt Ion:106 Resp: 41568

Ion Ratio Lower Upper

106 100

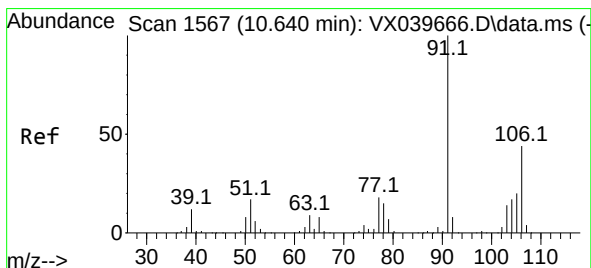
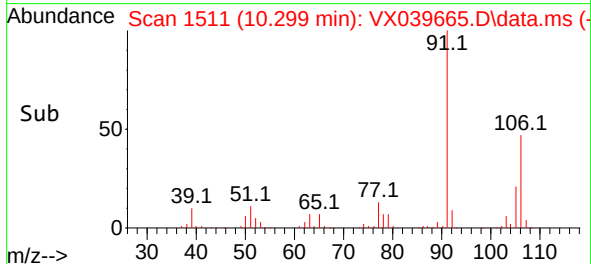
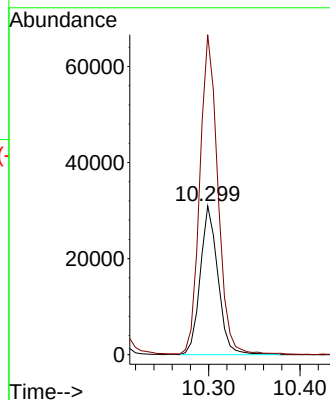
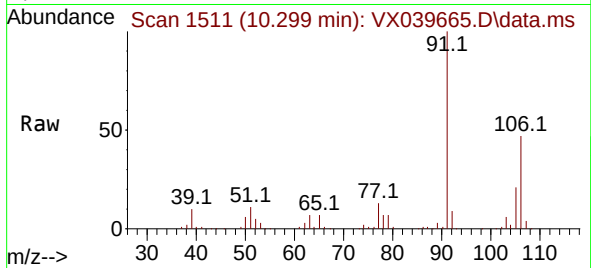
91 216.8 169.4 254.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#68

o-Xylene

Concen: 9.034 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX039665.D

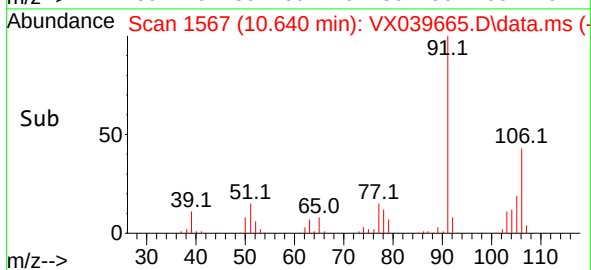
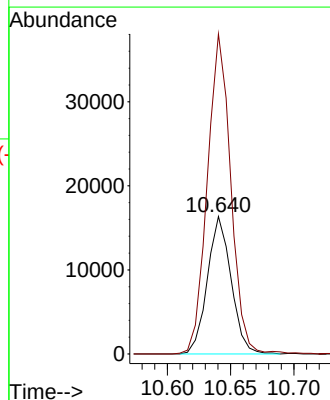
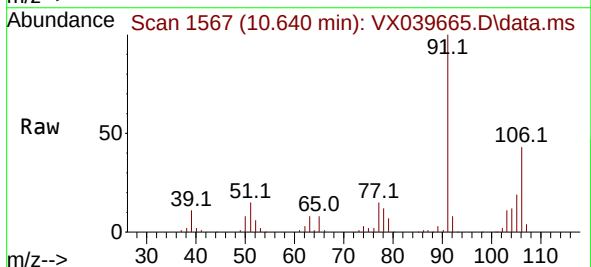
Acq: 08 Jan 2024 16:44

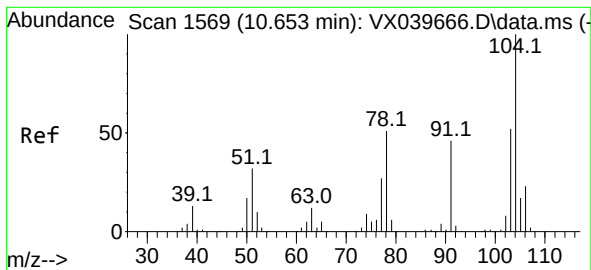
Tgt Ion:106 Resp: 21366

Ion Ratio Lower Upper

106 100

91 228.3 111.2 333.6





#69

Styrene

Concen: 8.527 ug/l

RT: 10.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039665.D

Acq: 08 Jan 2024 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

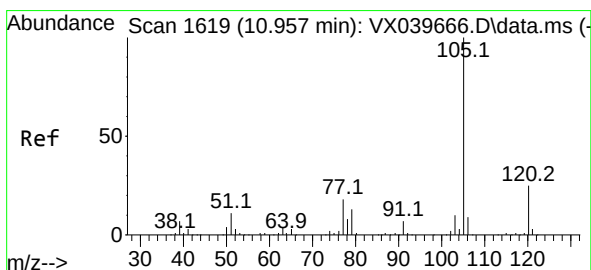
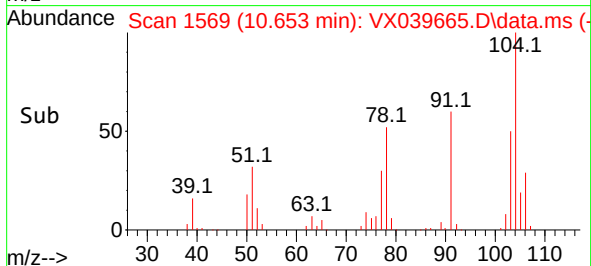
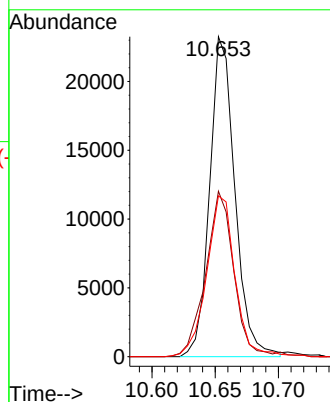
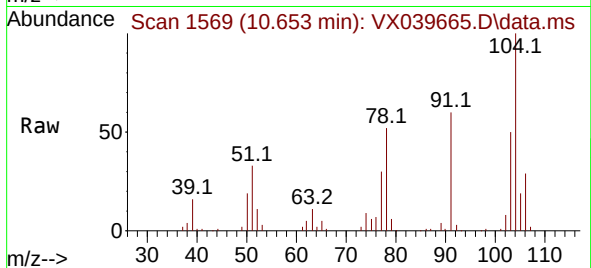
Tgt Ion:104 Resp: 3224
 Ion Ratio Lower Upper
 104 100
 78 57.0 43.7 65.5
 103 56.8 44.6 67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#70

Isopropylbenzene

Concen: 8.936 ug/l

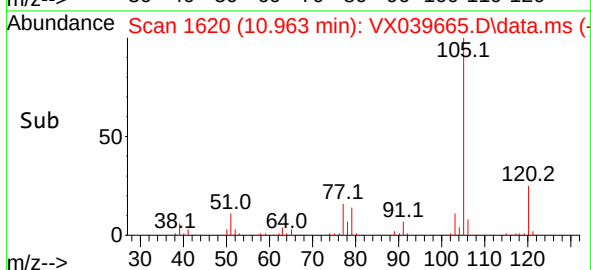
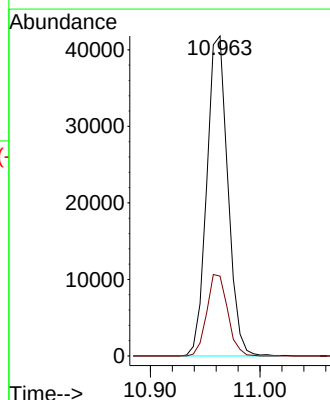
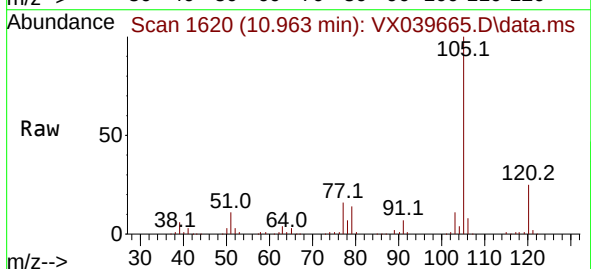
RT: 10.963 min Scan# 1620

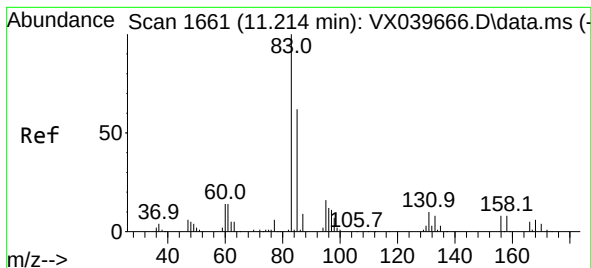
Delta R.T. 0.006 min

Lab File: VX039665.D

Acq: 08 Jan 2024 16:44

Tgt Ion:105 Resp: 55781
 Ion Ratio Lower Upper
 105 100
 120 25.2 18.5 34.3





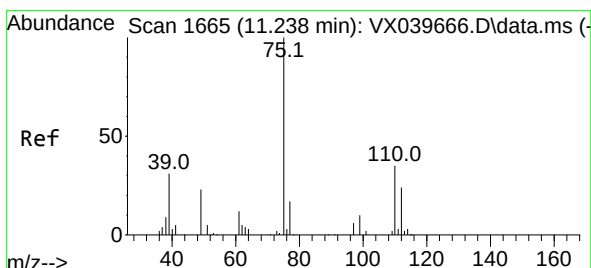
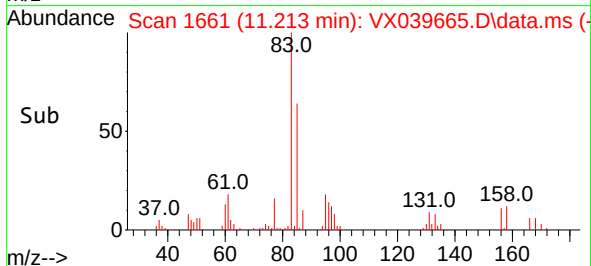
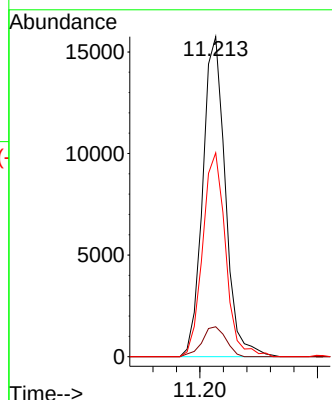
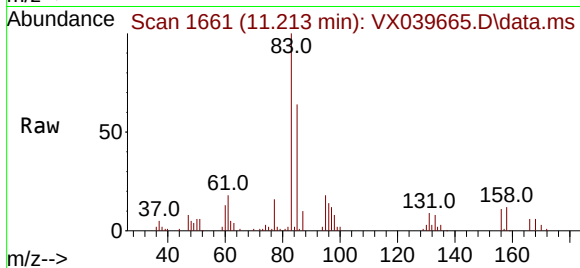
#71
1,1,2,2-Tetrachloroethane
Concen: 8.758 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.001 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 20999
Ion Ratio Lower Upper
83 100
131 9.9 4.6 13.8
85 64.6 32.5 97.4

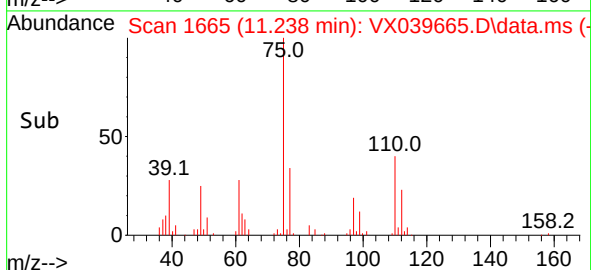
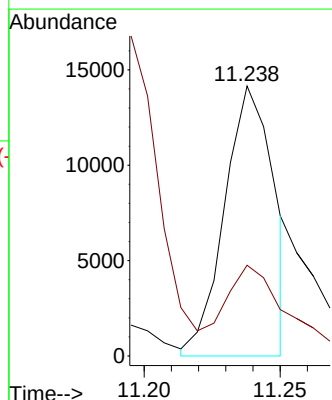
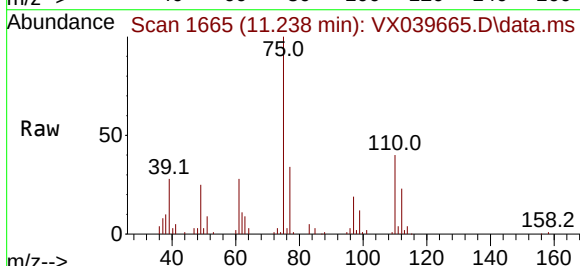
Manual Integrations
APPROVED

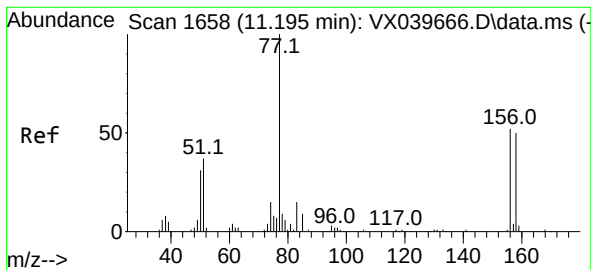
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#72
1,2,3-Trichloropropane
Concen: 8.744 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

Tgt Ion: 75 Resp: 17883
Ion Ratio Lower Upper
75 100
77 43.1 0.0 76.4





#73

Bromobenzene

Concen: 8.724 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039665.D

Acq: 08 Jan 2024 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

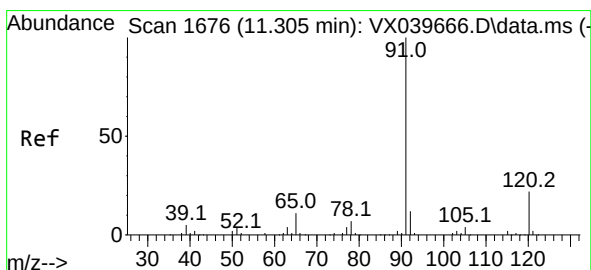
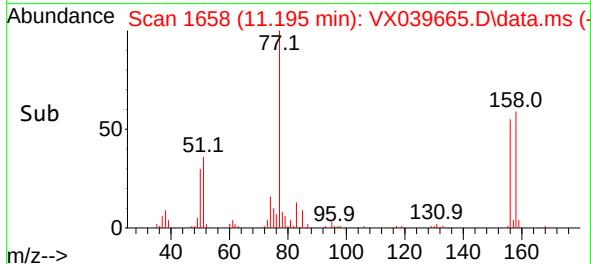
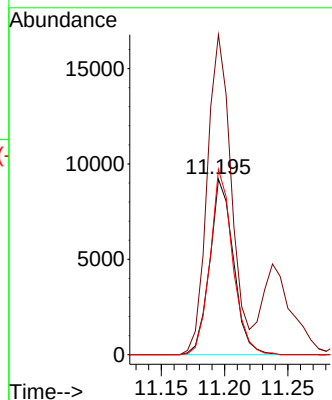
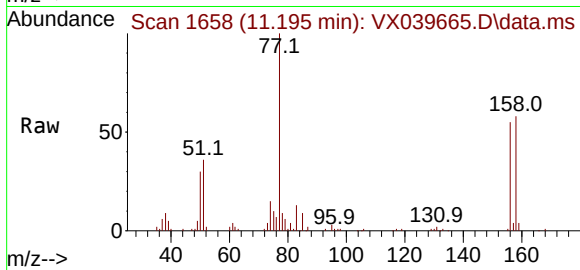
Tgt Ion:	156	Resp:	12024
Ion Ratio	Lower	Upper	
156	100		
77	184.6	0.0	363.2
158	100.6	0.0	197.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#74

n-propylbenzene

Concen: 8.491 ug/l

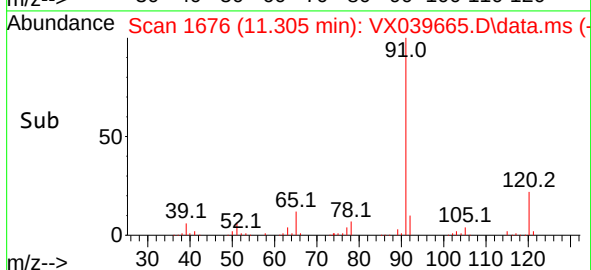
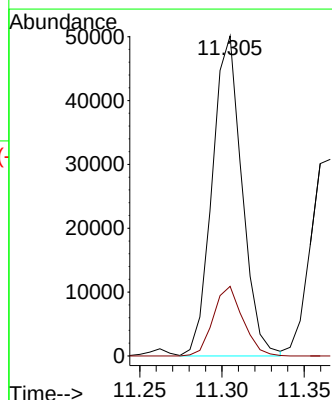
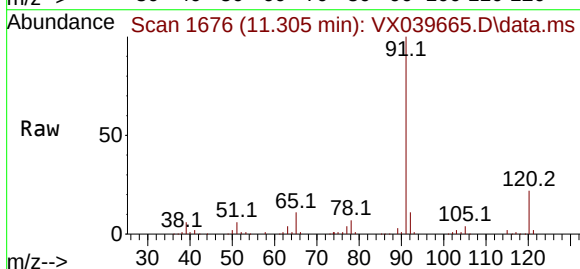
RT: 11.305 min Scan# 1676

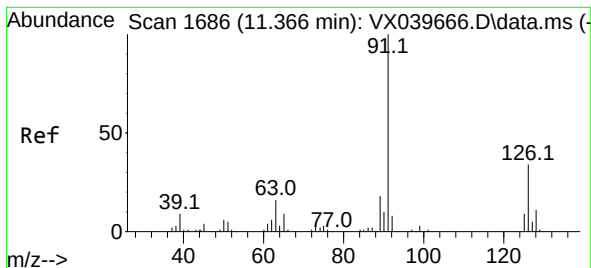
Delta R.T. -0.000 min

Lab File: VX039665.D

Acq: 08 Jan 2024 16:44

Tgt Ion:	91	Resp:	63201
Ion Ratio	Lower	Upper	
91	100		
120	21.6	0.0	43.4





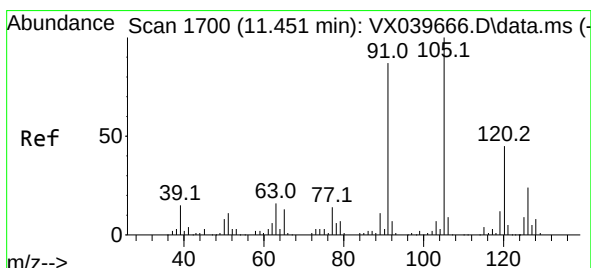
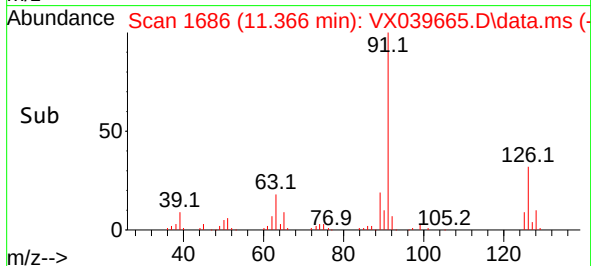
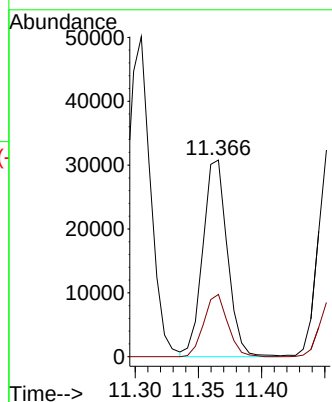
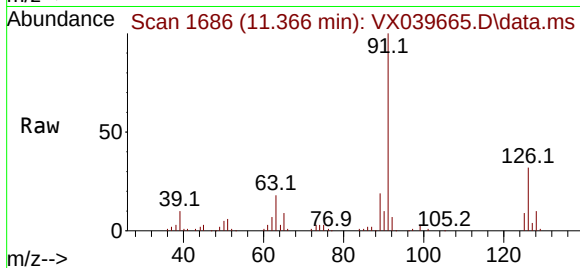
#75
2-Chlorotoluene
Concen: 9.049 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 4184
Ion Ratio Lower Upper
91 100
126 30.6 0.0 64.2

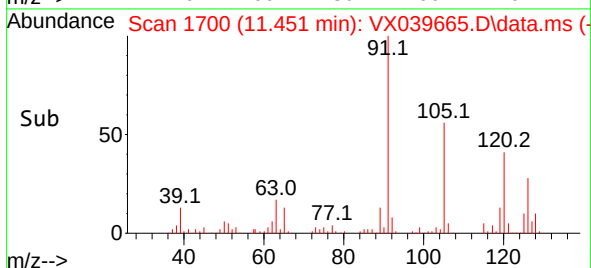
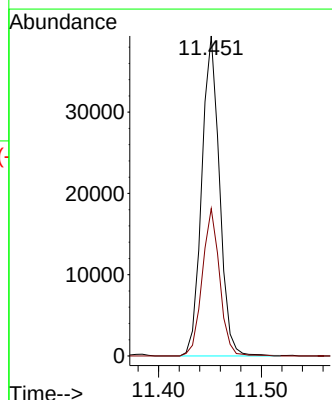
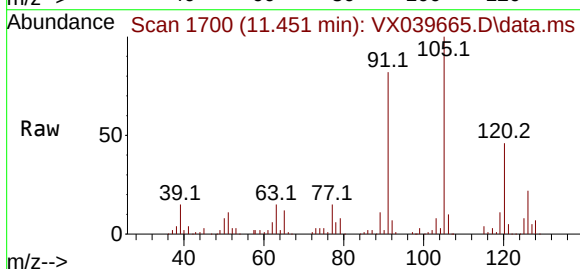
Manual Integrations
APPROVED

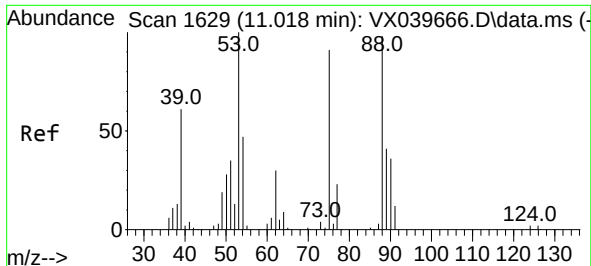
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#76
1,3,5-Trimethylbenzene
Concen: 8.878 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

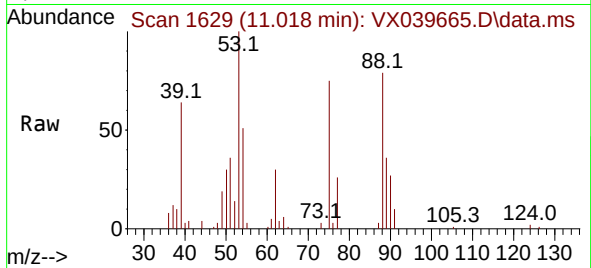
Tgt Ion:105 Resp: 47345
Ion Ratio Lower Upper
105 100
120 45.2 0.0 92.6





#77
t-1,4-Dichloro-2-butene
Concen: 7.053 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

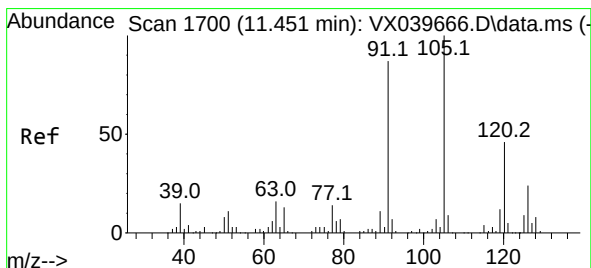
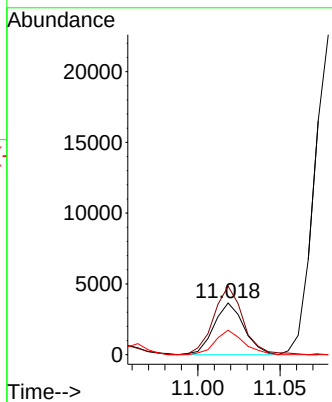
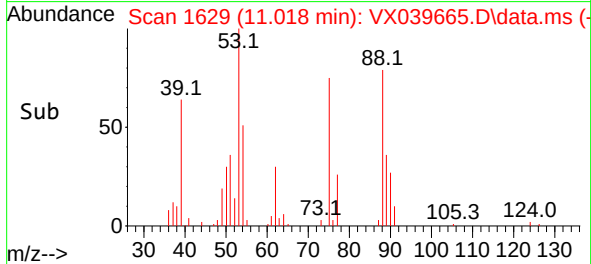
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010



Tgt Ion: 75 Resp: 4642
Ion Ratio Lower Upper
75 100
53 132.7 46.9 140.8
89 47.4 21.3 63.7

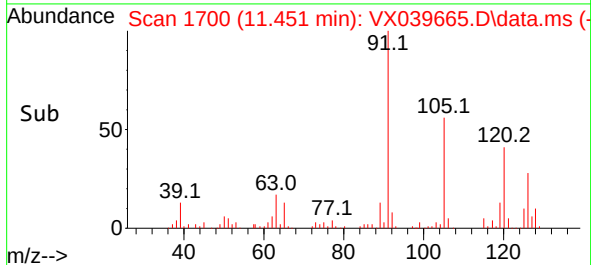
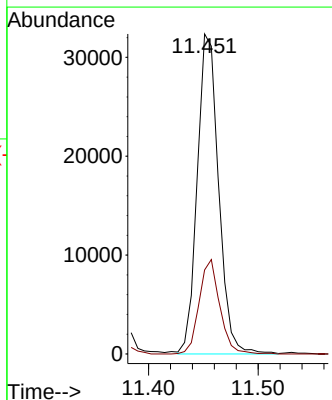
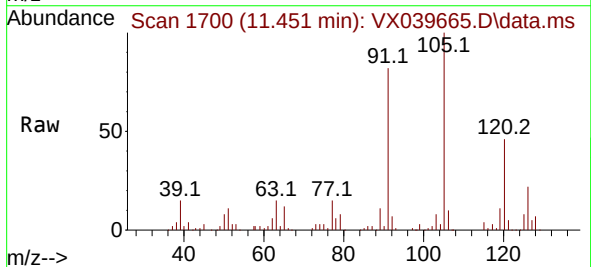
Manual Integrations
APPROVED

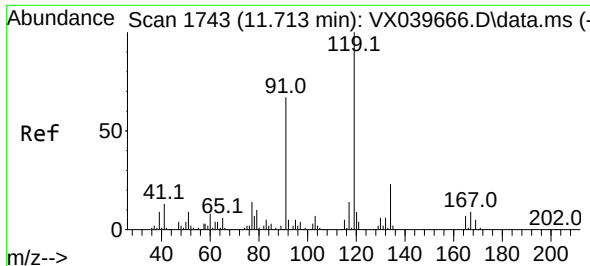
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#78
4-Chlorotoluene
Concen: 8.558 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

Tgt Ion: 91 Resp: 43892
Ion Ratio Lower Upper
91 100
126 28.4 0.0 57.4





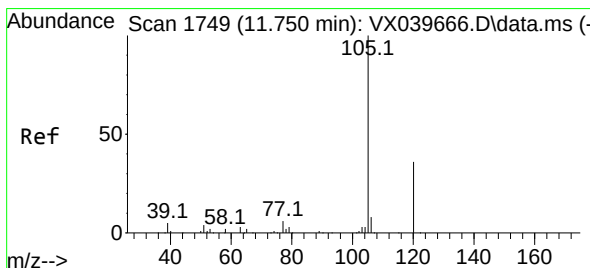
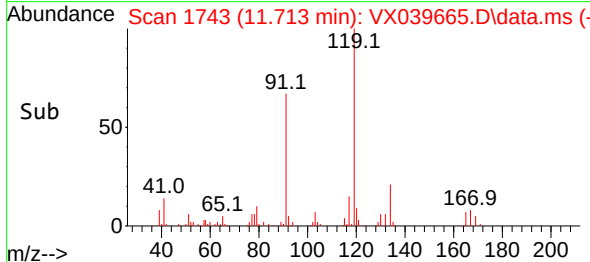
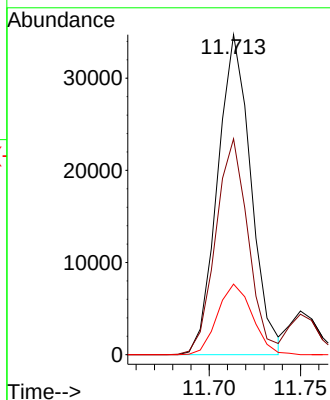
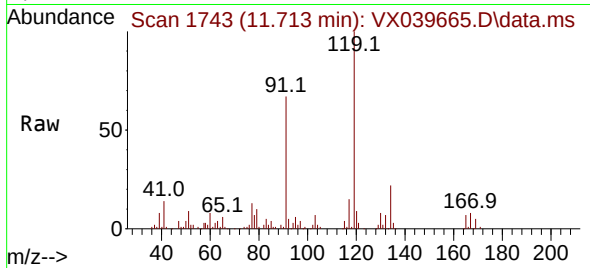
#79
tert-butylbenzene
Concen: 8.722 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 44070
Ion Ratio Lower Upper
119 100
91 66.3 0.0 125.6
134 23.1 0.0 43.8

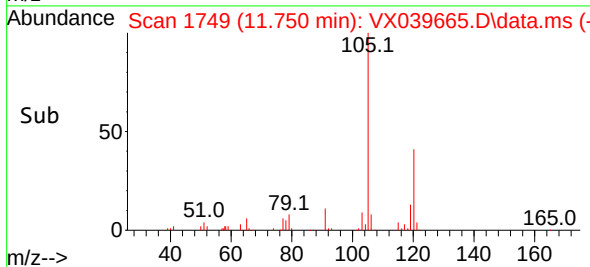
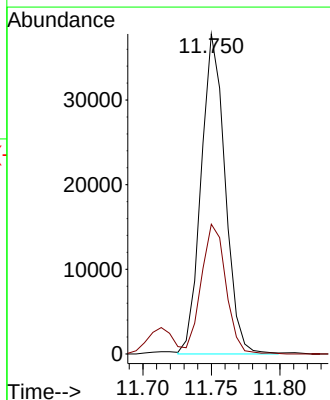
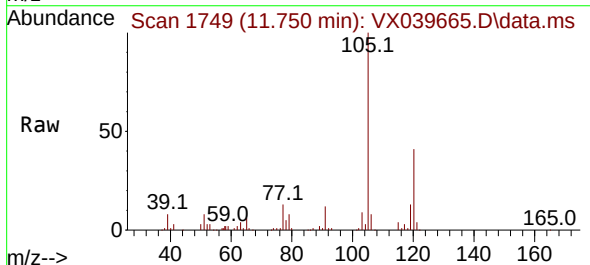
Manual Integrations
APPROVED

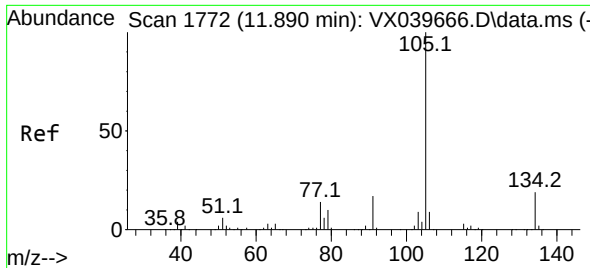
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#80
1,2,4-Trimethylbenzene
Concen: 8.693 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

Tgt Ion:105 Resp: 46006
Ion Ratio Lower Upper
105 100
120 41.4 0.0 86.4





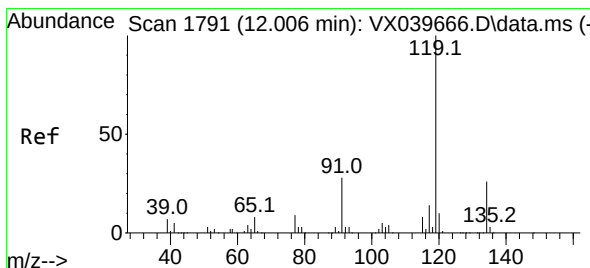
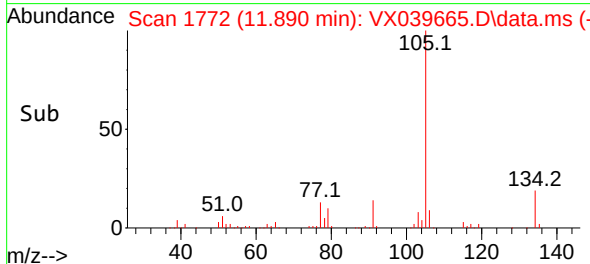
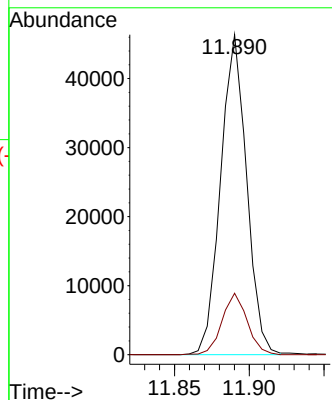
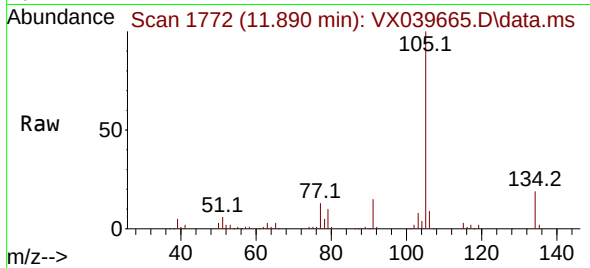
#81
 sec-Butylbenzene
 Concen: 8.626 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039665.D
 Acq: 08 Jan 2024 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 5602
 Ion Ratio Lower Upper
 105 100
 134 18.6 0.0 38.4

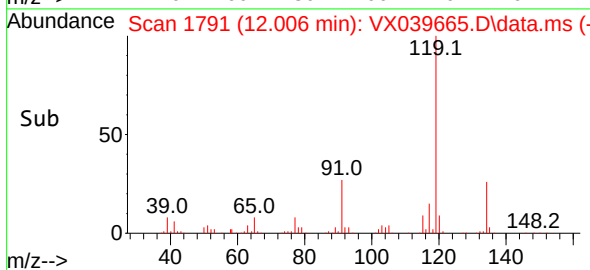
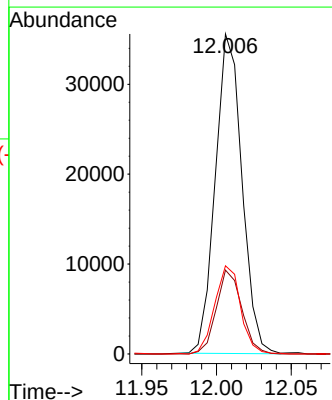
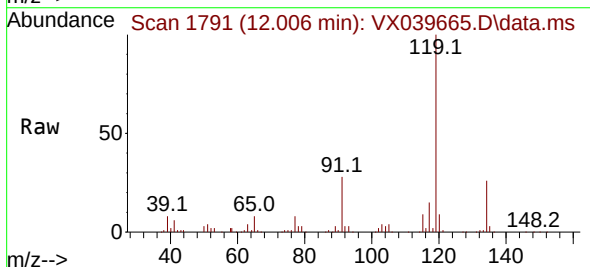
Manual Integrations
 APPROVED

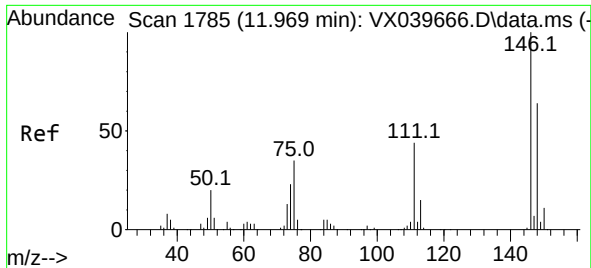
Reviewed By :John Carlone 01/09/2024
 Supervised By :Mahesh Dadoda 01/09/2024



#82
 p-Isopropyltoluene
 Concen: 8.514 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX039665.D
 Acq: 08 Jan 2024 16:44

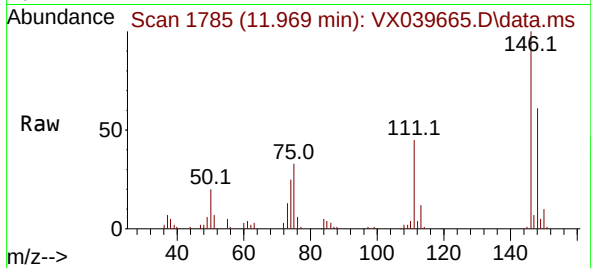
Tgt Ion:119 Resp: 44006
 Ion Ratio Lower Upper
 119 100
 134 25.0 0.0 52.6
 91 26.7 0.0 54.2





#83
1,3-Dichlorobenzene
Concen: 8.674 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

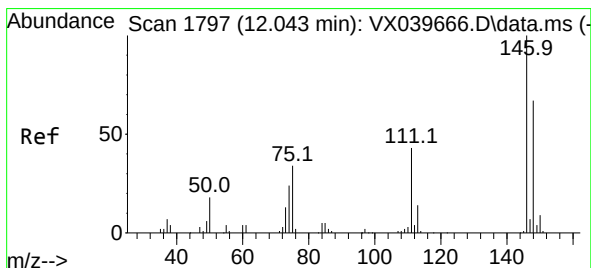
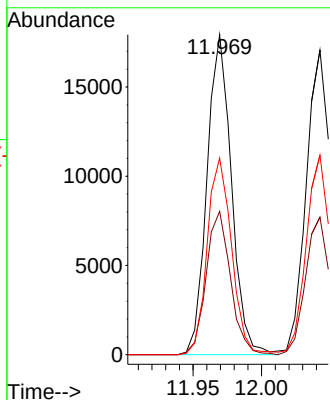
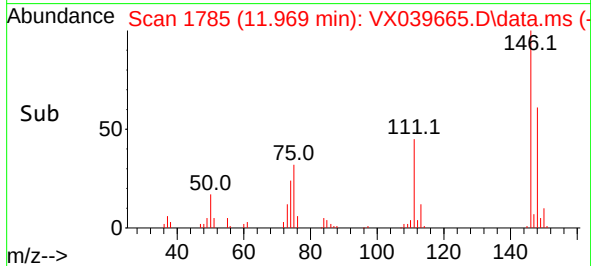
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010



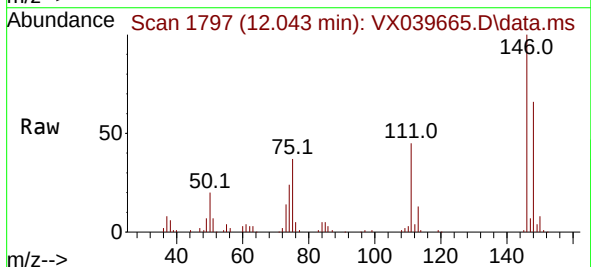
Tgt Ion:146 Resp: 22349
Ion Ratio Lower Upper
146 100
111 44.7 22.3 66.9
148 60.8 32.8 98.3

Manual Integrations
APPROVED

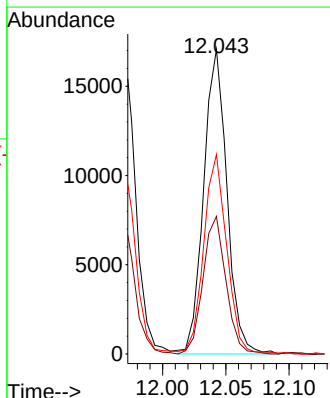
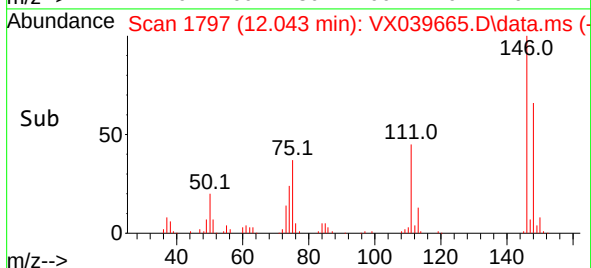
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024

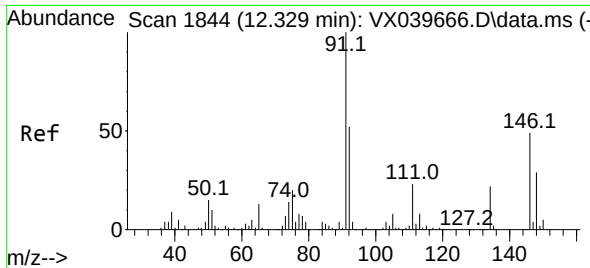


#84
1,4-Dichlorobenzene
Concen: 8.557 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44



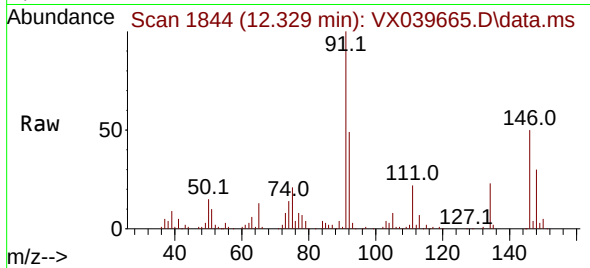
Tgt Ion:146 Resp: 21864
Ion Ratio Lower Upper
146 100
111 44.5 21.4 64.2
148 63.2 31.8 95.4





#85
n-Butylbenzene
Concen: 7.747 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

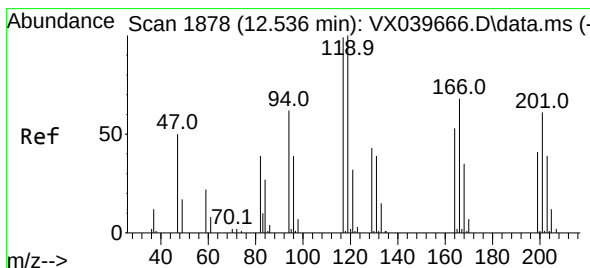
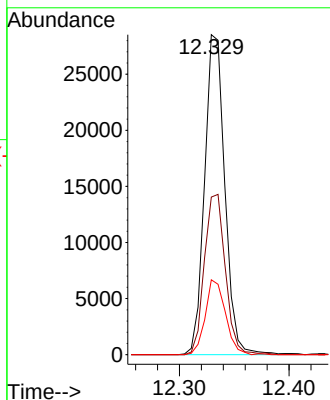
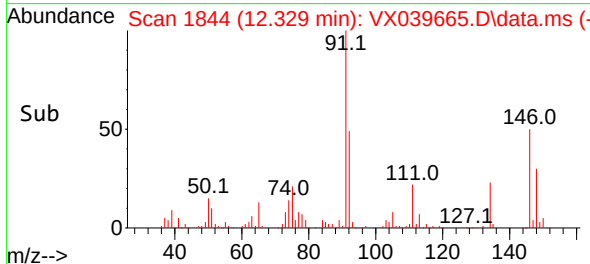
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010



Tgt Ion: 91 Resp: 36649
Ion Ratio Lower Upper
91 100
92 51.9 0.0 106.2
134 23.3 0.0 48.8

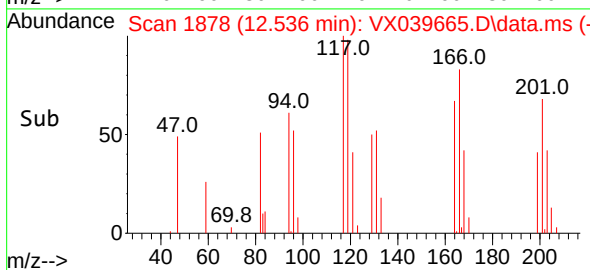
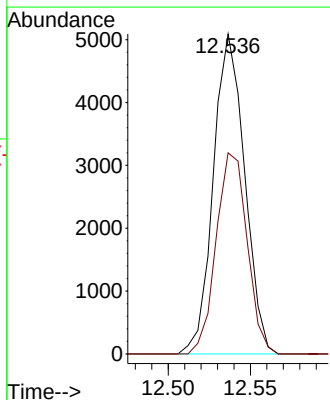
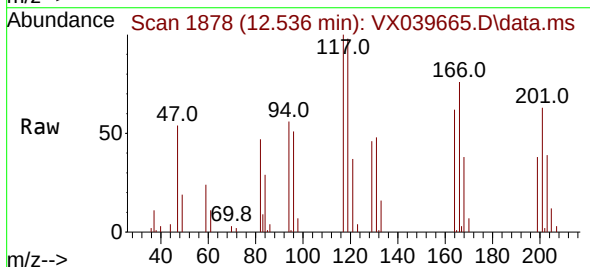
Manual Integrations
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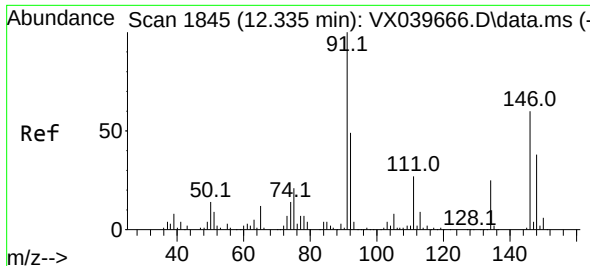
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#86
Hexachloroethane
Concen: 7.622 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

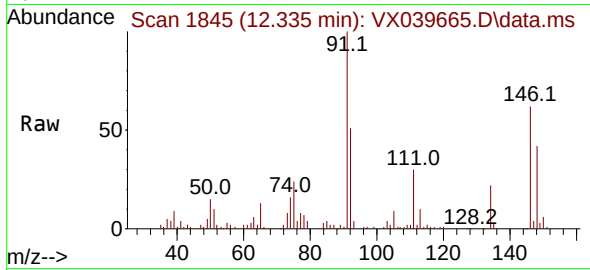
Tgt Ion:117 Resp: 6740
Ion Ratio Lower Upper
117 100
201 62.2 31.8 95.3





#87
1,2-Dichlorobenzene
Concen: 8.729 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

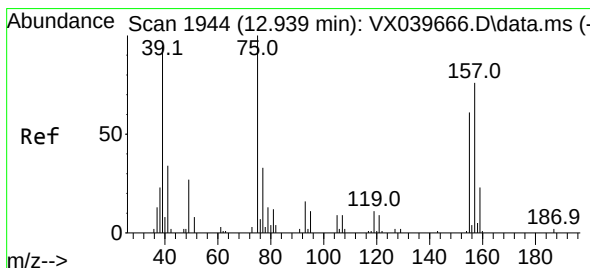
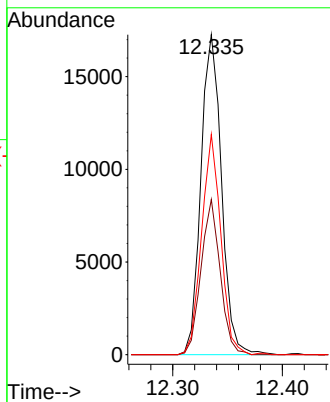
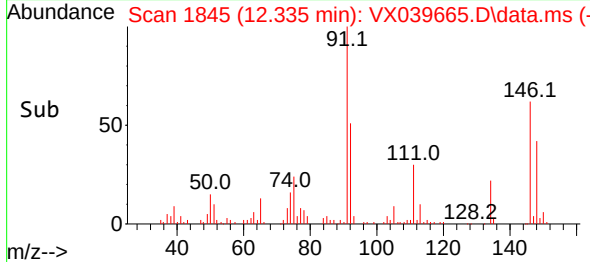
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010



Tgt Ion: 146 Resp: 22534
Ion Ratio Lower Upper
146 100
111 45.2 22.4 67.2
148 64.2 31.9 95.7

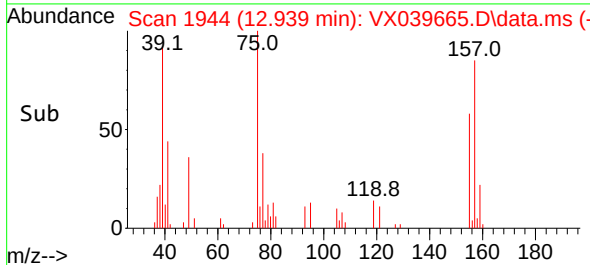
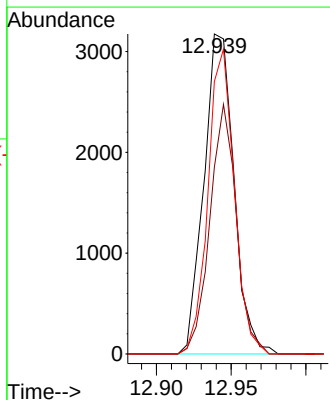
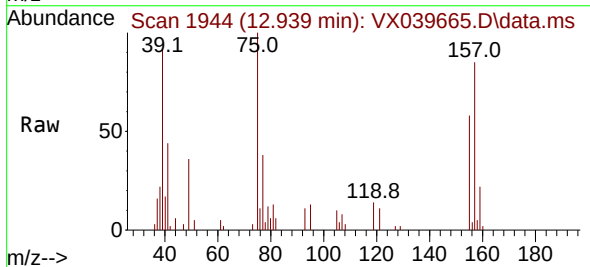
Manual Integrations
APPROVED

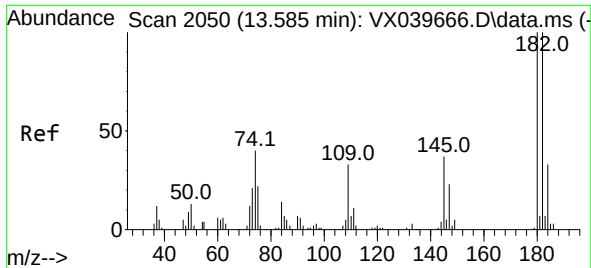
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 7.740 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

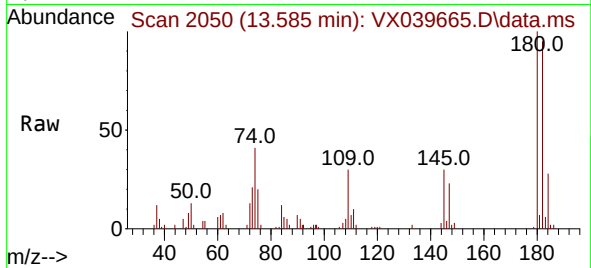
Tgt Ion: 75 Resp: 4444
Ion Ratio Lower Upper
75 100
155 68.4 58.2 87.4
157 83.5 76.5 114.7





#89
 1,2,4-Trichlorobenzene
 Concen: 7.886 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX039665.D
 Acq: 08 Jan 2024 16:44

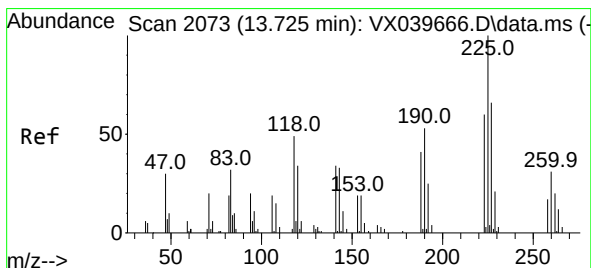
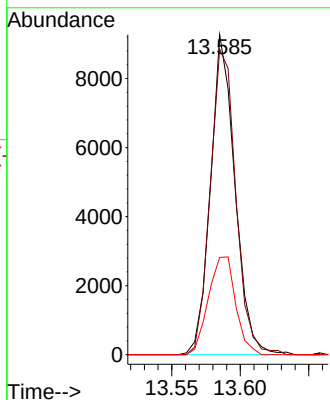
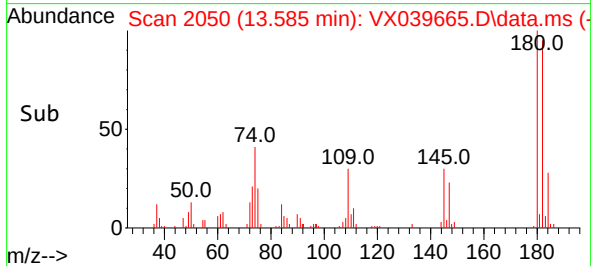
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010



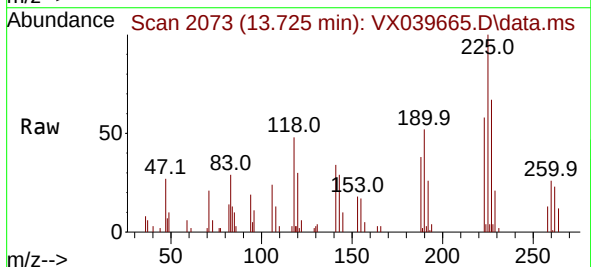
Tgt Ion:180 Resp: 11478
 Ion Ratio Lower Upper
 180 100
 182 99.2 74.5 111.7
 145 34.1 26.6 40.0

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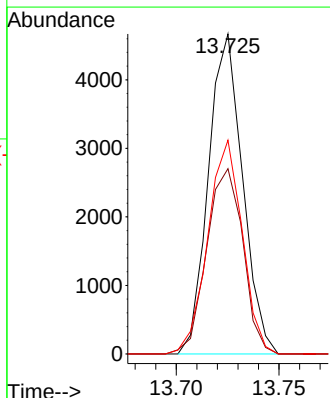
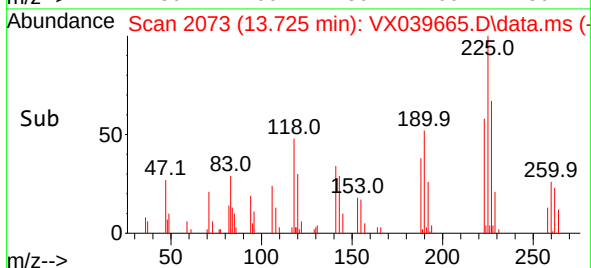
Reviewed By :John Carlone 01/09/2024
 Supervised By :Mahesh Dadoda 01/09/2024

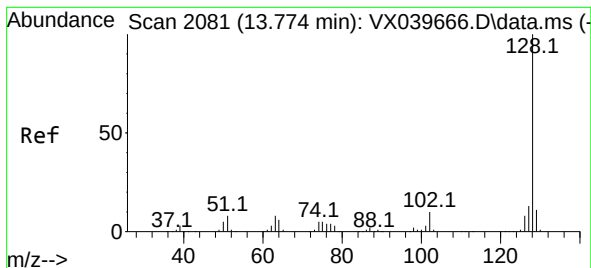


#90
 Hexachlorobutadiene
 Concen: 8.473 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX039665.D
 Acq: 08 Jan 2024 16:44



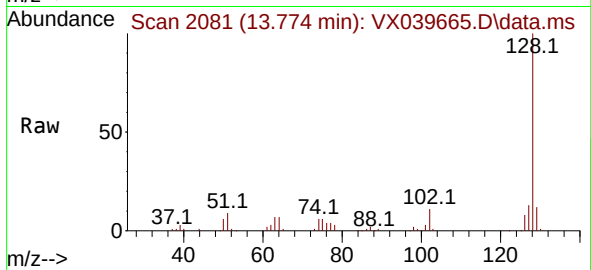
Tgt Ion:225 Resp: 5399
 Ion Ratio Lower Upper
 225 100
 223 61.5 0.0 124.4
 227 67.3 0.0 124.4





#91
Naphthalene
Concen: 8.110 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44

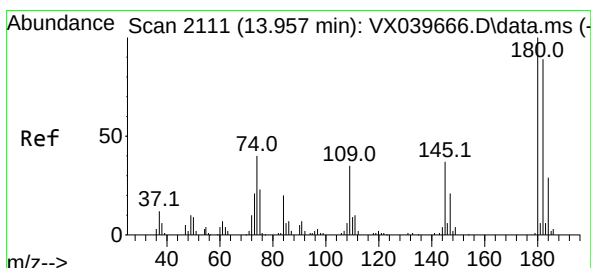
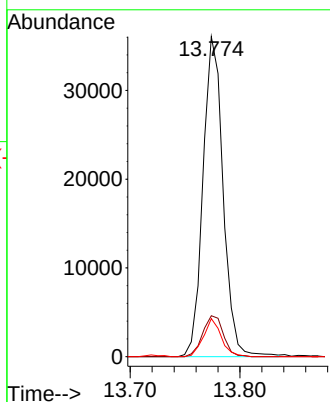
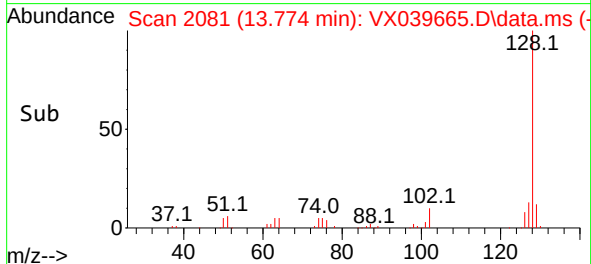
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



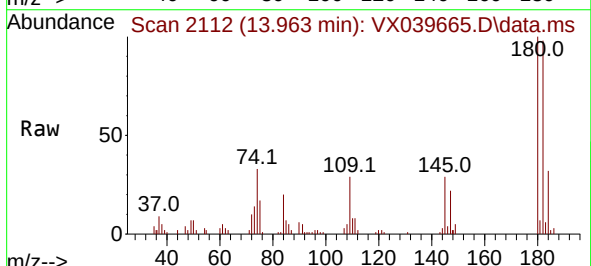
Tgt Ion:128 Resp: 4605
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 10.6 8.6 12.8

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



#92
1,2,3-Trichlorobenzene
Concen: 8.265 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX039665.D
Acq: 08 Jan 2024 16:44



Tgt Ion:180 Resp: 12455
Ion Ratio Lower Upper
180 100
182 95.3 0.0 191.6
145 34.4 0.0 69.6

