

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071924\
 Data File : VX042393.D
 Acq On : 19 Jul 2024 10:33
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/19/2024
 Supervised By : Mahesh Dadoda 07/22/2024

Quant Time: Jul 19 11:24:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 11:18:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	25527	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	161437	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	152505	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	59172	33.673	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 112.233%#			
60) 4-Bromofluorobenzene	11.079	95	71781	30.407	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.367%			
63) Toluene-d8	8.647	98	193120	29.598	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.667%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	169894	102.815	ug/l	100
3) Chloromethane	1.300	50	173717	94.045	ug/l	99
4) Vinyl Chloride	1.374	62	175974	97.418	ug/l	100
5) Bromomethane	1.599	94	89899	93.099	ug/l	100
6) Chloroethane	1.666	64	73264	94.930	ug/l	98
7) Trichlorofluoromethane	1.867	101	204066	89.703	ug/l	100
8) Diethyl Ether	2.136	74	92422	93.876	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	170473	110.229	ug/l	99
10) 1,1-Dichloroethene	2.312	96	165617	106.161	ug/l	96
11) Methyl Iodide	2.447	142	202944	99.949	ug/l	97
12) Methyl Acetate	2.709	43	284933	143.255	ug/l	100
13) Acrolein	2.239	56	168661	420.550	ug/l	100
14) Acrylonitrile	3.075	53	522846	553.841	ug/l	98
15) Acetone	2.392	58	132306	489.918	ug/l	100
16) Carbon Disulfide	2.501	76	345615	101.088	ug/l	100
17) Allyl chloride	2.660	41	259232	109.412	ug/l	98
18) Methylene Chloride	2.788	84	187115	104.567	ug/l	96
19) trans-1,2-Dichloroethene	3.087	96	169253	108.302	ug/l	97
20) Diisopropyl ether	3.770	45	556676	114.306	ug/l	92
21) 1,1-Dichloroethane	3.605	63	314388	113.015	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	211804	111.961	ug/l	97
23) tert-Butyl Alcohol	3.007	59	201498	574.102	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	560835	116.215	ug/l	99
25) Chloroform	5.092	83	323664	114.486	ug/l	98
26) Cyclohexane	5.464	56	261894	108.392	ug/l #	100
29) 1,1-Dichloropropene	5.690	75	217288	103.125	ug/l	98
30) 2-Butanone	4.568	43	708692	503.382	ug/l	100
31) 2,2-Dichloropropane	4.471	77	254598	110.277	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	284012	106.337	ug/l	100
33) Carbon Tetrachloride	5.672	117	250495	108.744	ug/l	97
34) Benzene	6.031	78	706675	100.680	ug/l	99
35) Methacrylonitrile	4.928	41	147765	104.494	ug/l	97
36) 1,2-Dichloroethane	6.086	62	229723	105.058	ug/l	99
37) Trichloroethene	7.123	130	193987	101.182	ug/l	97
38) Methylcyclohexane	7.379	83	280404	100.472	ug/l	98
39) 1,2-Dichloropropane	7.427	63	176521	105.577	ug/l	98
40) Dibromomethane	7.580	93	127124	102.782	ug/l	100
41) Bromodichloromethane	7.824	83	247583	111.736	ug/l	99
42) Vinyl Acetate	3.721	43	2391743	507.539	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	264322	100.132	ug/l	100
44) Isopropyl Acetate	6.348	43	419518	106.105	ug/l	100
45) 1,4-Dioxane	7.665	88	94407	1958.899	ug/l	99
46) Methyl methacrylate	7.696	41	207457	107.316	ug/l	99
47) n-amyl Acetate	10.841	43	389731	109.832	ug/l	97
48) t-1,3-Dichloropropene	8.976	75	257878	113.034	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	282280	110.304	ug/l	100
50) 1,1,2-Trichloroethane	9.153	97	186653	103.787	ug/l	98
51) Ethyl methacrylate	9.116	69	310281	108.606	ug/l	100
52) 1,3-Dichloropropane	9.305	76	302103	102.752	ug/l	99
53) Dibromochloromethane	9.518	129	219791	111.677	ug/l	100
54) 1,2-Dibromoethane	9.610	107	194202	102.400	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	709318	533.406	ug/l	100
56) Bromoform	10.799	173	183827	114.547	ug/l	100
58) 4-Methyl-2-Pentanone	8.580	43	1393342	509.866	ug/l	100
59) 2-Hexanone	9.433	43	1076102	510.183	ug/l	99
61) Tetrachloroethene	9.275	164	183251	95.492	ug/l	98
62) Toluene	8.720	91	769346	99.691	ug/l	100
64) Chlorobenzene	10.079	112	530875	101.019	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	194441	107.133	ug/l	98
66) Ethyl Benzene	10.195	91	862403	102.215	ug/l	98
67) m/p-Xylenes	10.299	106	688712	202.937	ug/l	98
68) o-Xylene	10.640	106	343506	101.523	ug/l	100
69) Styrene	10.652	104	596211	105.447	ug/l	99
70) Isopropylbenzene	10.963	105	879490	103.379	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	304877	103.549	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	243340m	102.041	ug/l	
73) Bromobenzene	11.195	156	252613	101.798	ug/l	99
74) n-propylbenzene	11.305	91	999818	106.985	ug/l	100
75) 2-Chlorotoluene	11.366	91	607678	102.400	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	741817	104.081	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	99318	112.581	ug/l	88
78) 4-Chlorotoluene	11.451	91	691549	104.903	ug/l	99
79) tert-butylbenzene	11.713	119	805678	106.495	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	751479	105.538	ug/l	99
81) sec-Butylbenzene	11.890	105	946090	107.218	ug/l	100
82) p-Isopropyltoluene	12.006	119	837543	108.314	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	461594	104.325	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	463052	105.139	ug/l	99
85) n-Butylbenzene	12.329	91	685141	114.583	ug/l	99
86) Hexachloroethane	12.536	117	145169	114.959	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	465928	104.125	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.939	75	67175	110.304	ug/l	97
89) 1,2,4-Trichlorobenzene	13.585	180	333901	110.234	ug/l	100
90) Hexachlorobutadiene	13.725	225	157780	105.709	ug/l	97
91) Naphthalene	13.774	128	1002426	109.527	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	339609	108.260	ug/l	98

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

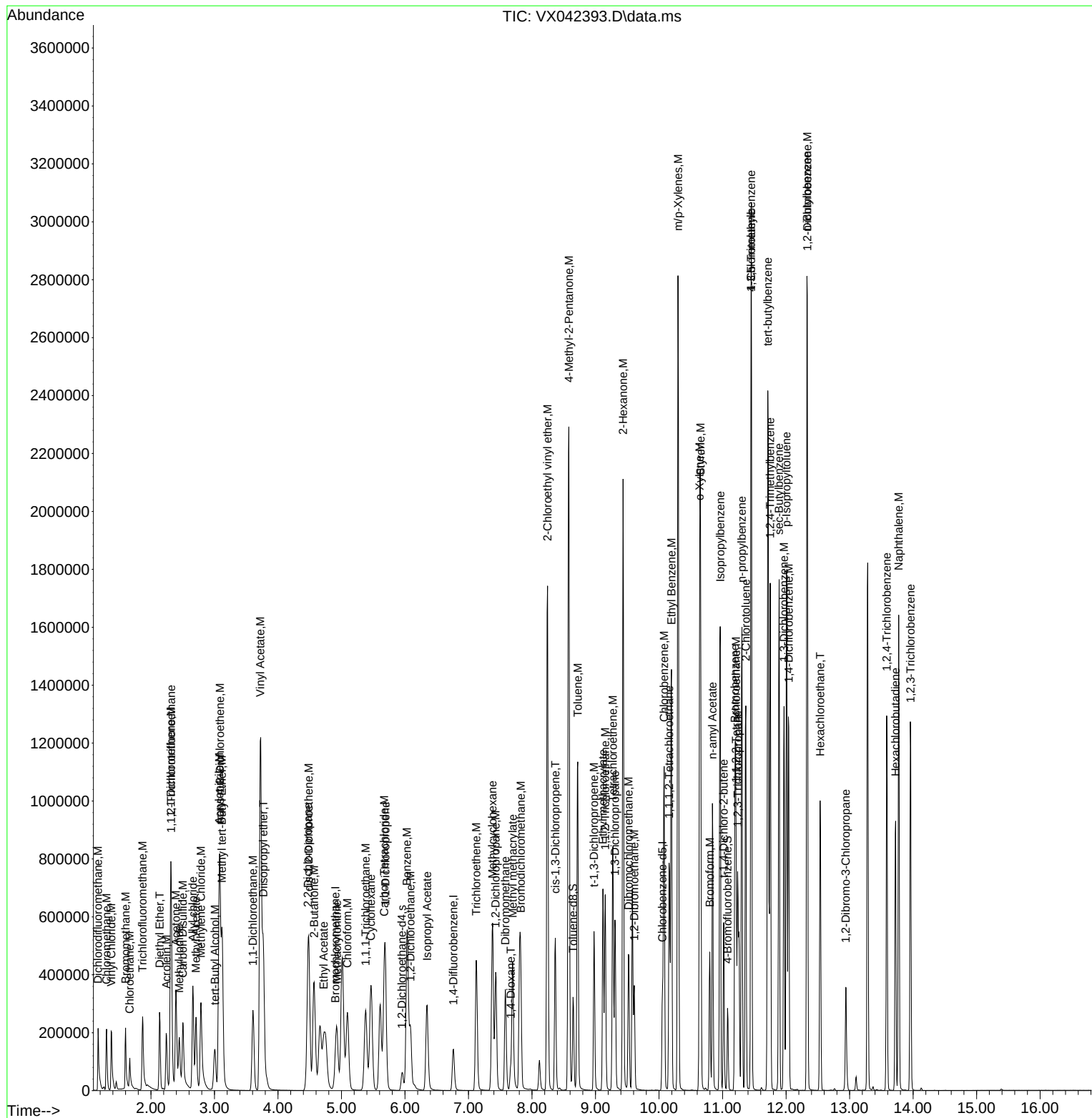
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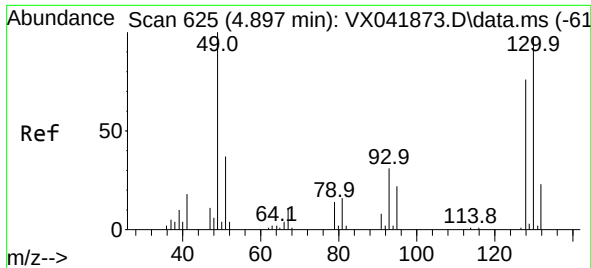
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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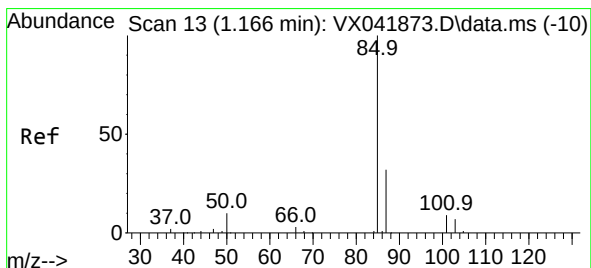
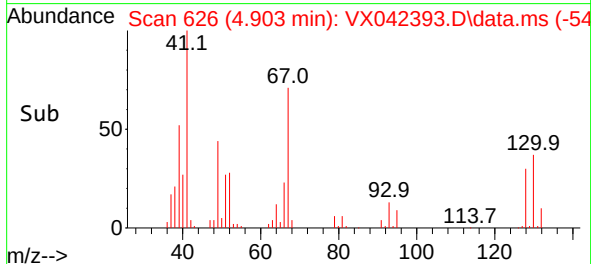
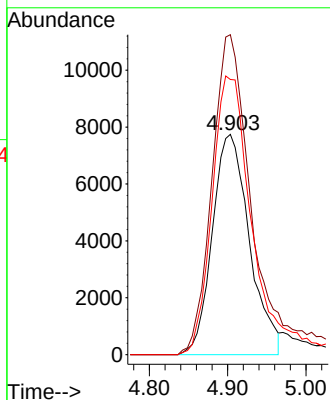
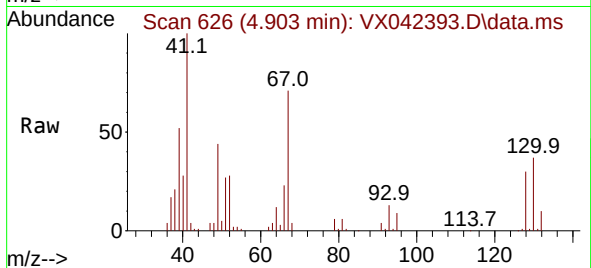
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 2552
Ion Ratio Lower Upper
128 100
49 158.4 0.0 338.5
130 138.2 0.0 324.5

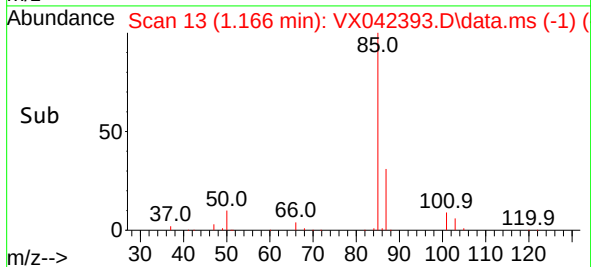
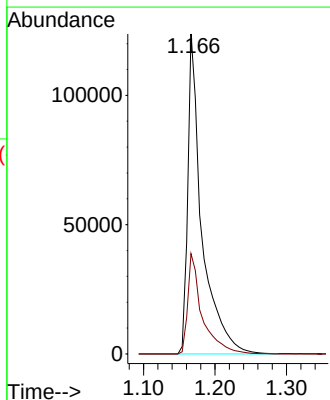
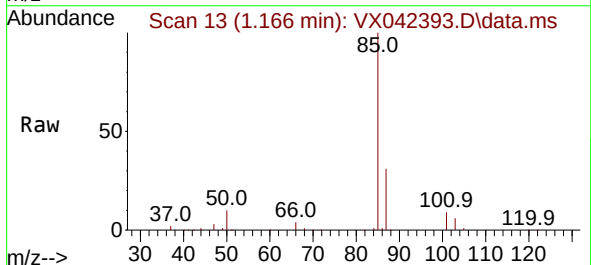
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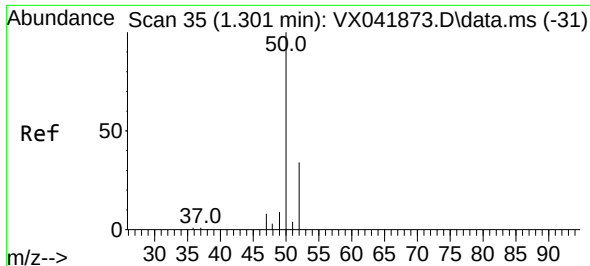
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#2
Dichlorodifluoromethane
Concen: 102.815 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

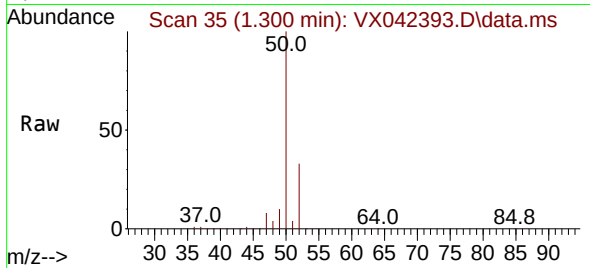
Tgt Ion: 85 Resp: 169894
Ion Ratio Lower Upper
85 100
87 31.4 15.8 47.3





#3
Chloromethane
Concen: 94.045 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

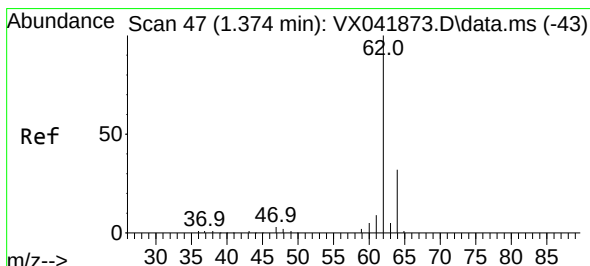
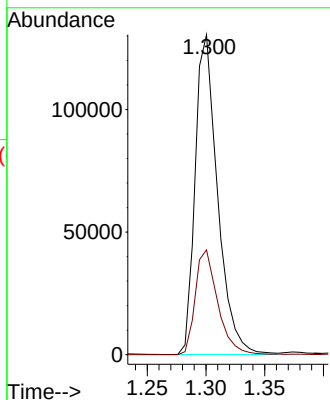
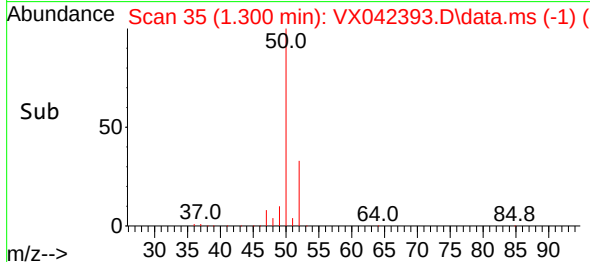
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 50 Resp: 17371
Ion Ratio Lower Upper
50 100
52 32.8 26.9 40.3

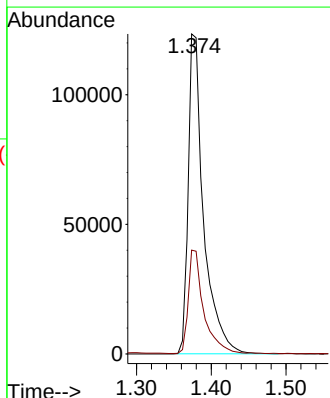
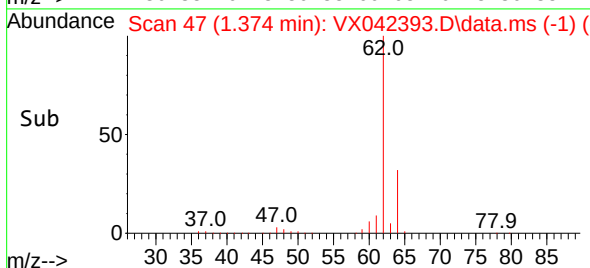
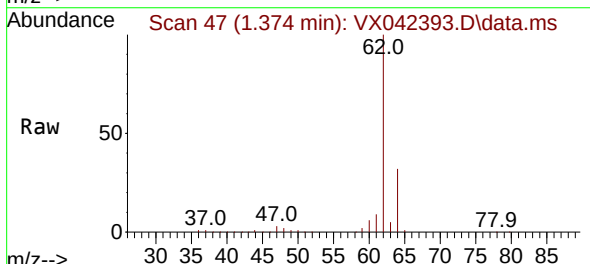
Manual Integrations
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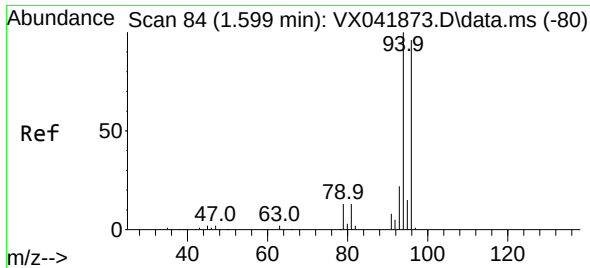
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#4
Vinyl Chloride
Concen: 97.418 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Tgt Ion: 62 Resp: 175974
Ion Ratio Lower Upper
62 100
64 32.4 26.1 39.1





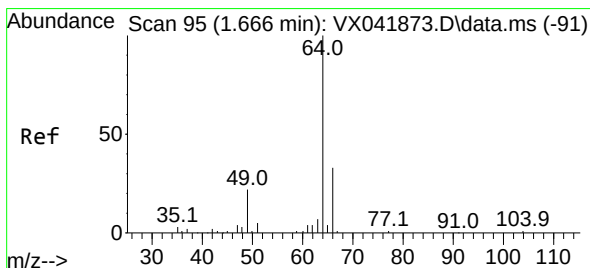
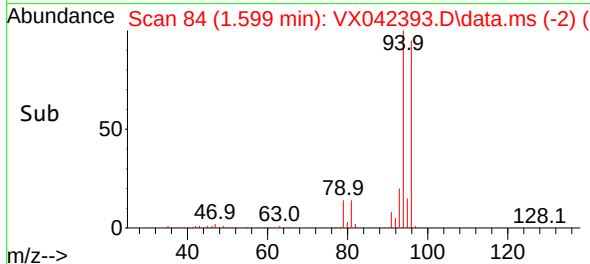
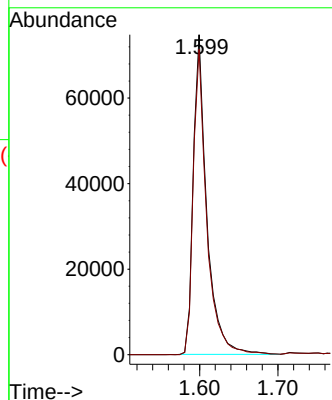
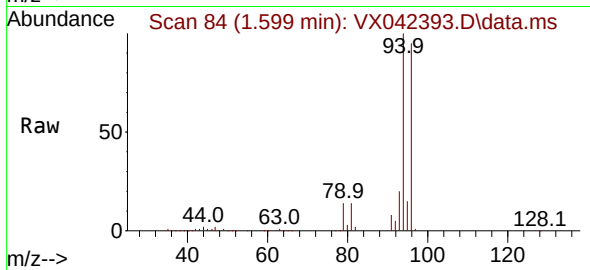
#5
Bromomethane
Concen: 93.099 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 94 Resp: 89899
Ion Ratio Lower Upper
94 100
96 95.6 76.6 115.0

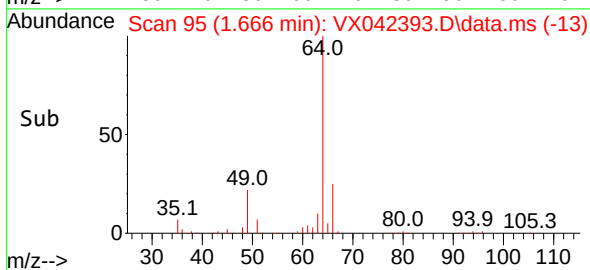
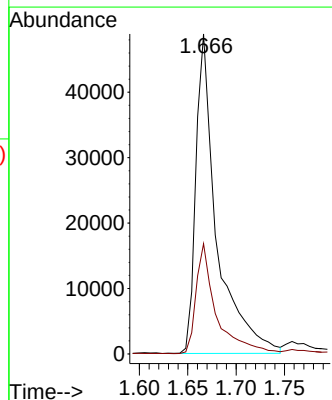
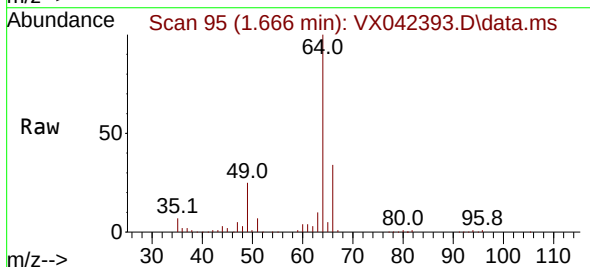
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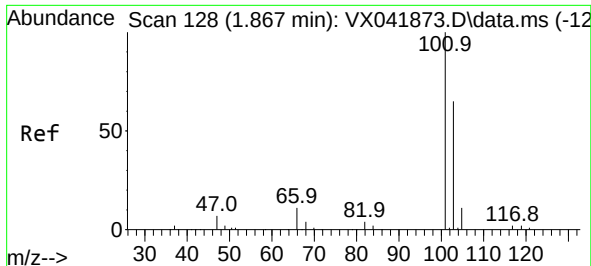
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#6
Chloroethane
Concen: 94.930 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

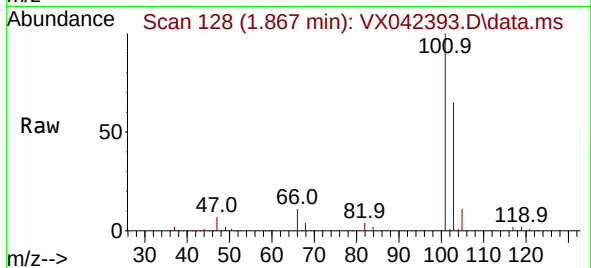
Tgt Ion: 64 Resp: 73264
Ion Ratio Lower Upper
64 100
66 34.4 26.4 39.6





#7
Trichlorofluoromethane
Concen: 89.703 ug/l
RT: 1.867 min Scan# 11
Delta R.T. -0.000 min
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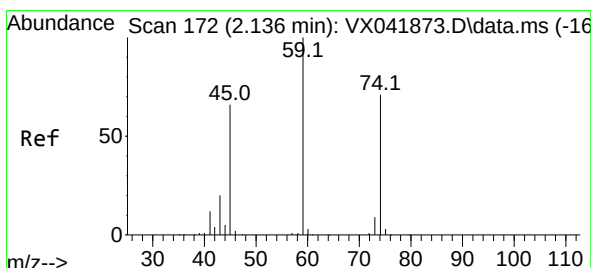
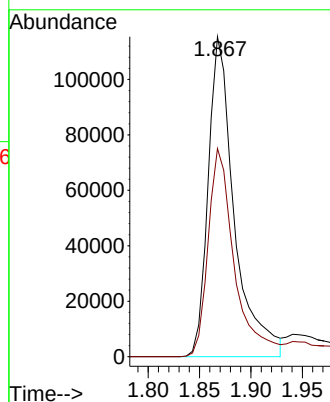
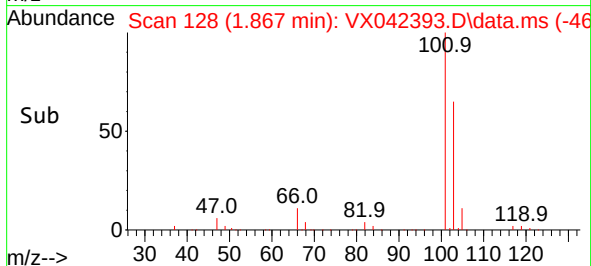
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:101 Resp: 204060
Ion Ratio Lower Upper
101 100
103 65.0 51.8 77.8

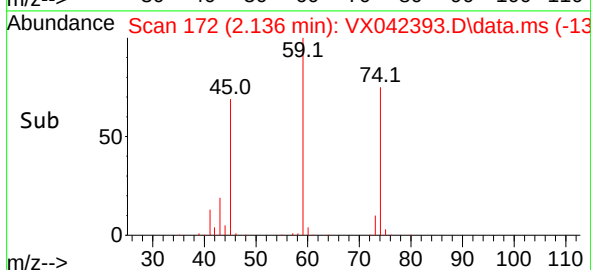
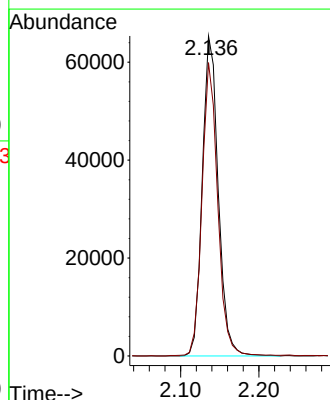
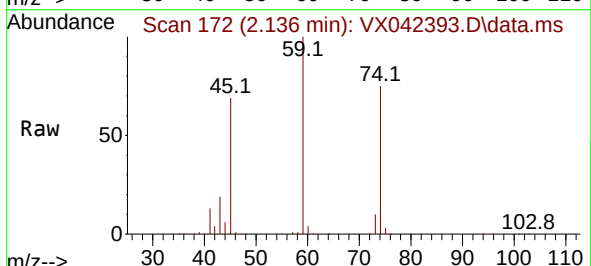
Manual Integrations
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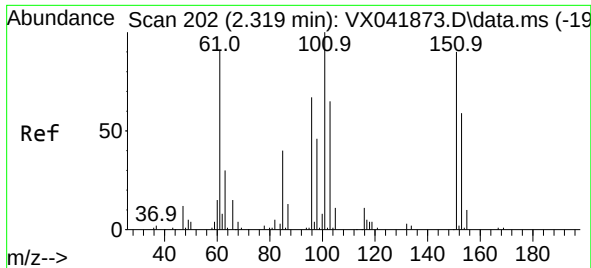
Reviewed By :John Carlone 07/19/2024
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#8
Diethyl Ether
Concen: 93.876 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Tgt Ion: 74 Resp: 92422
Ion Ratio Lower Upper
74 100
45 90.5 18.7 168.7





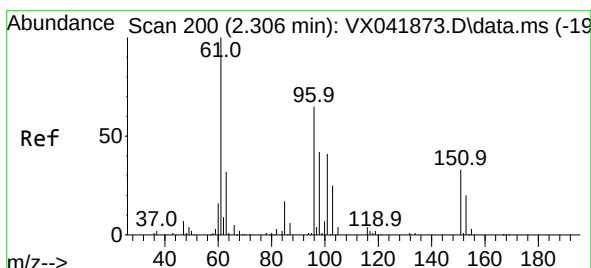
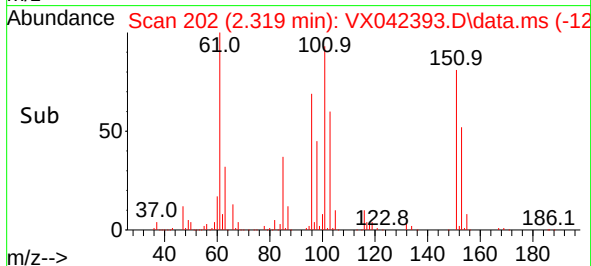
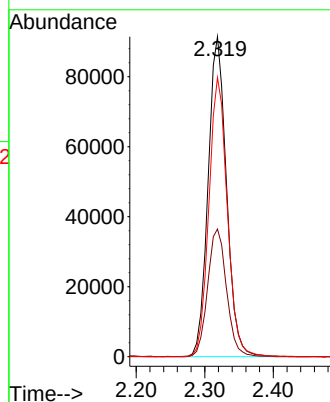
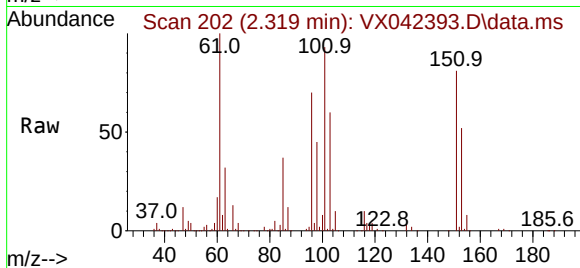
#9
1,1,2-Trichlorotrifluoroethane
Concen: 110.229 ug/l
RT: 2.319 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 17047
Ion Ratio Lower Upper
101 100
85 41.0 0.0 80.4
151 87.3 0.0 175.2

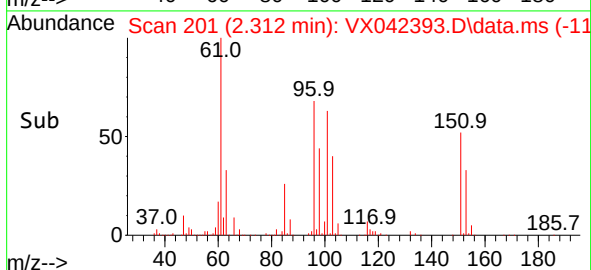
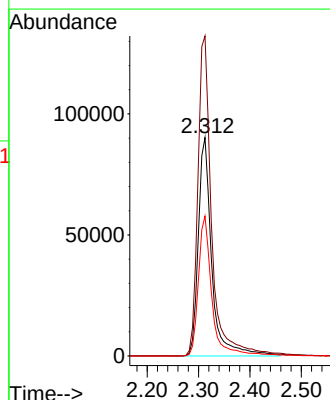
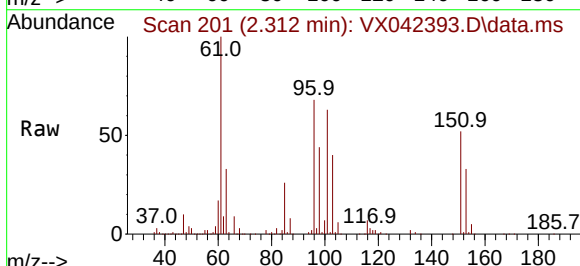
Manual Integrations
APPROVED

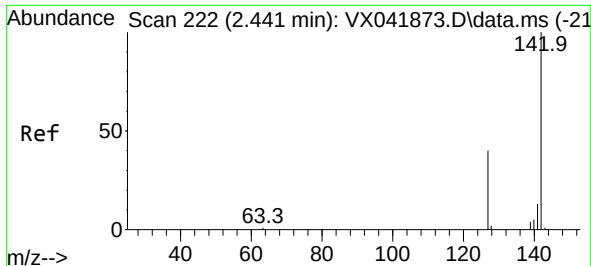
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#10
1,1-Dichloroethene
Concen: 106.161 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

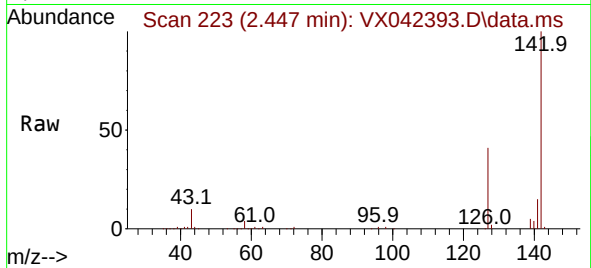
Tgt Ion: 96 Resp: 165617
Ion Ratio Lower Upper
96 100
61 146.6 122.3 183.5
98 64.1 51.5 77.3





#11
Methyl Iodide
Concen: 99.949 ug/l
RT: 2.447 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

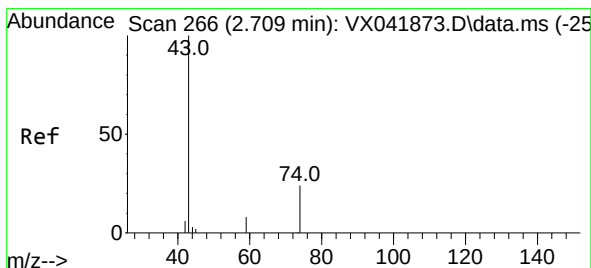
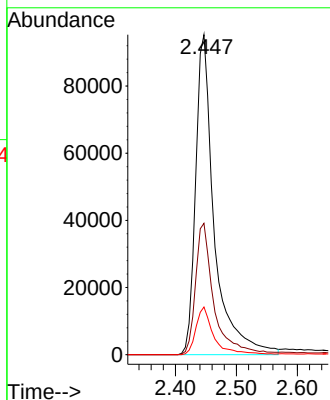
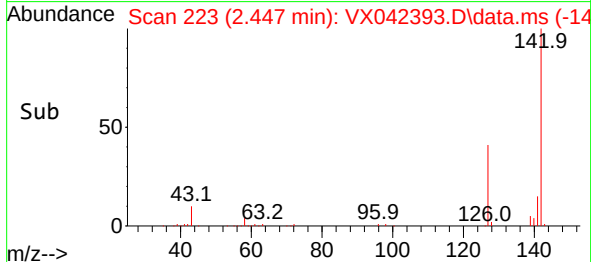
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:142 Resp: 202944
Ion Ratio Lower Upper
142 100
127 41.0 19.8 59.3
141 14.9 6.7 20.1

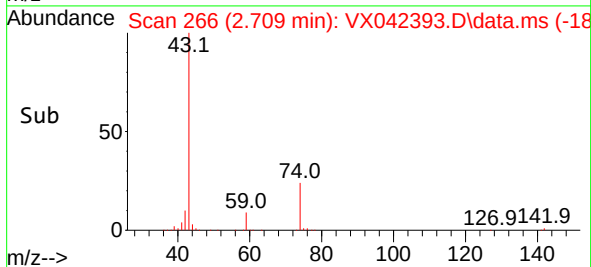
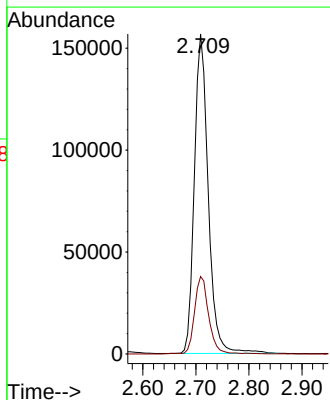
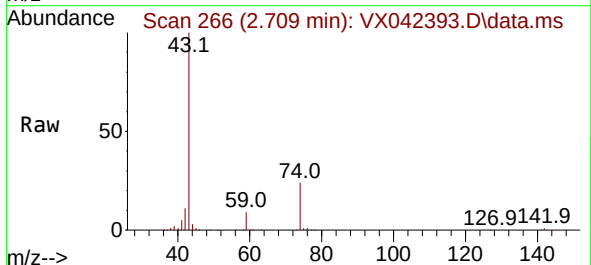
Manual Integrations
APPROVED

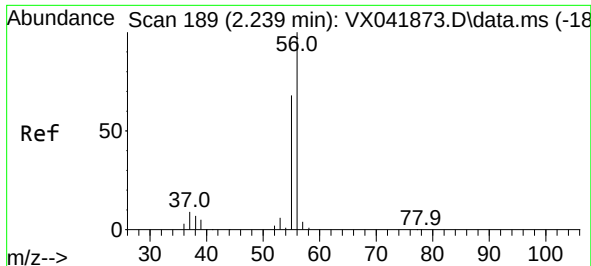
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#12
Methyl Acetate
Concen: 143.255 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Tgt Ion: 43 Resp: 284933
Ion Ratio Lower Upper
43 100
74 24.1 19.4 29.2





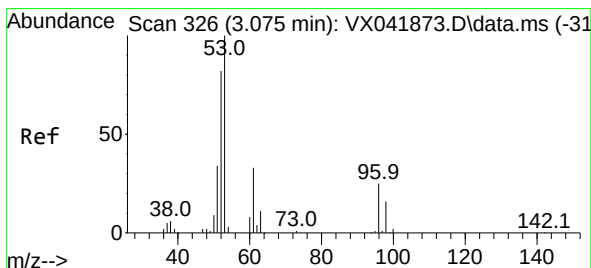
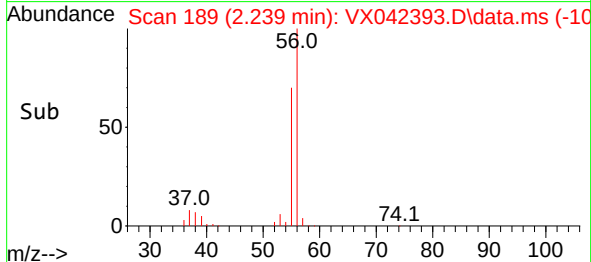
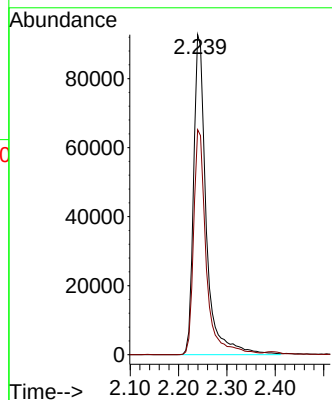
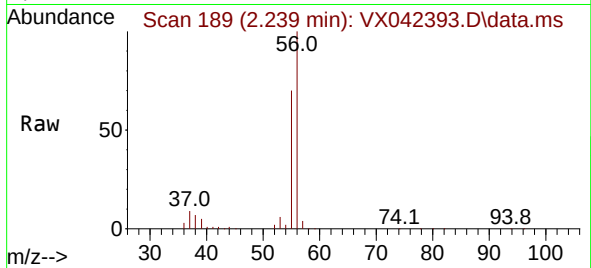
#13
Acrolein
Concen: 420.550 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 16866
Ion Ratio Lower Upper
56 100
55 69.2 55.4 83.0

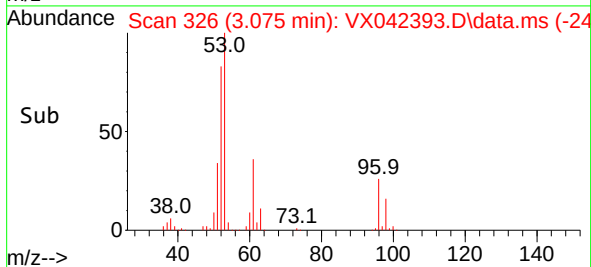
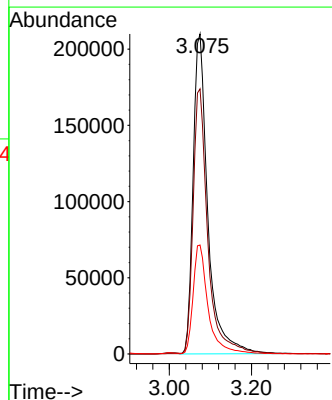
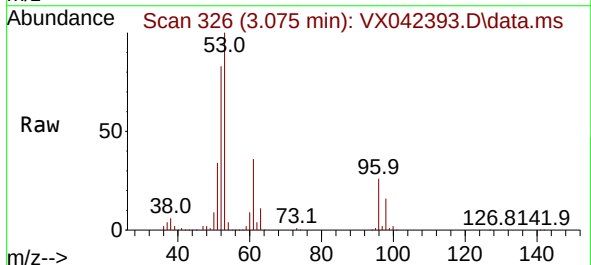
Manual Integrations
APPROVED

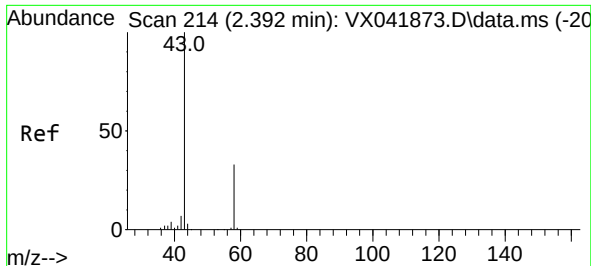
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#14
Acrylonitrile
Concen: 553.841 ug/l
RT: 3.075 min Scan# 326
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

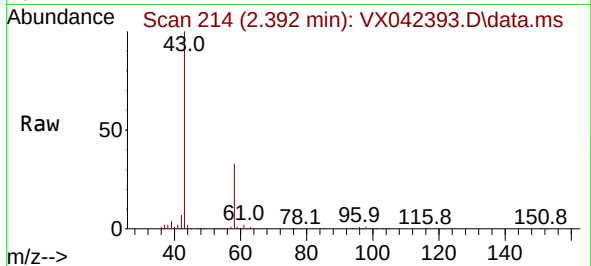
Tgt Ion: 53 Resp: 522846
Ion Ratio Lower Upper
53 100
52 82.4 39.9 119.7
51 34.1 17.4 52.3





#15
Acetone
Concen: 489.918 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

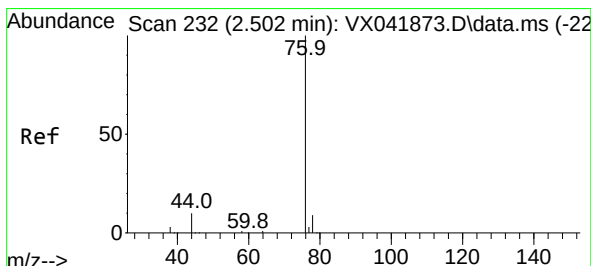
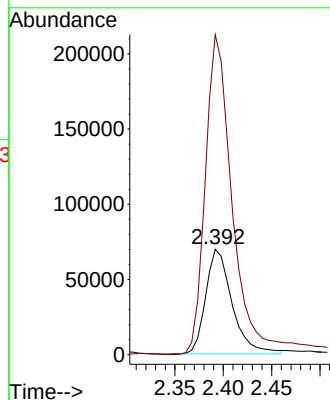
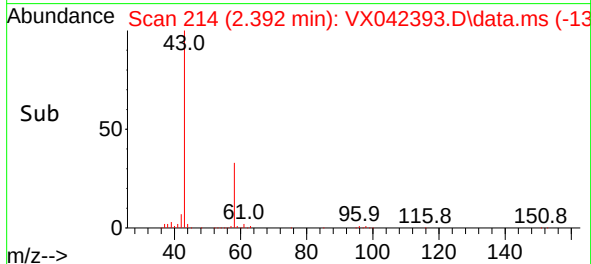
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



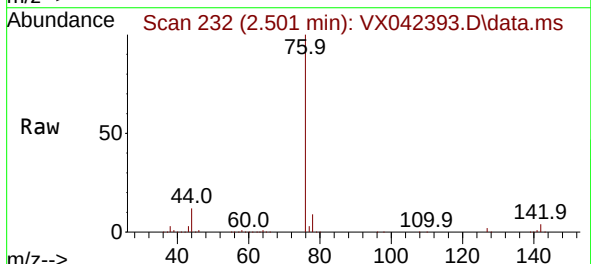
Tgt Ion: 58 Resp: 132300
Ion Ratio Lower Upper
58 100
43 305.2 243.4 365.2

Manual Integrations
APPROVED

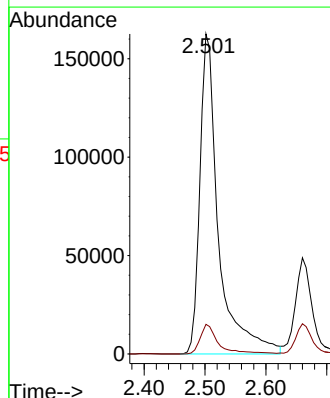
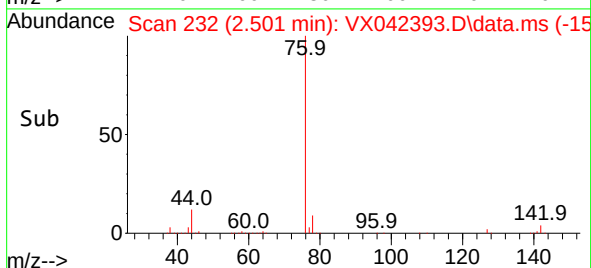
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

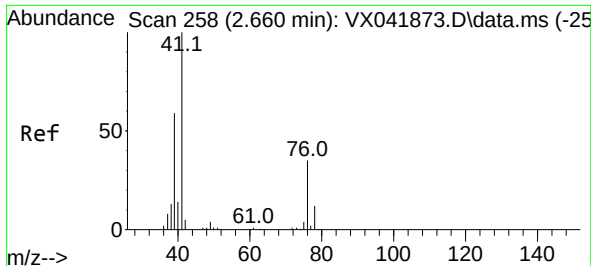


#16
Carbon Disulfide
Concen: 101.088 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33



Tgt Ion: 76 Resp: 345615
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9





#17
 Allyl chloride
 Concen: 109.412 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. -0.000 min
 Lab File: VX042393.D
 Acq: 19 Jul 2024 10:33

Instrument :

MSVOA_X

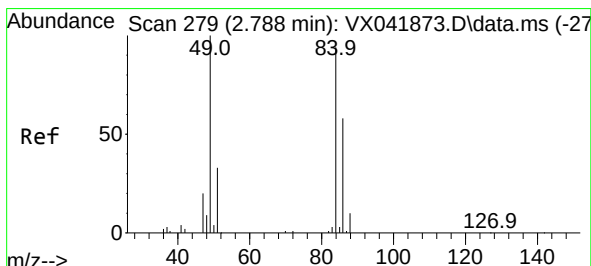
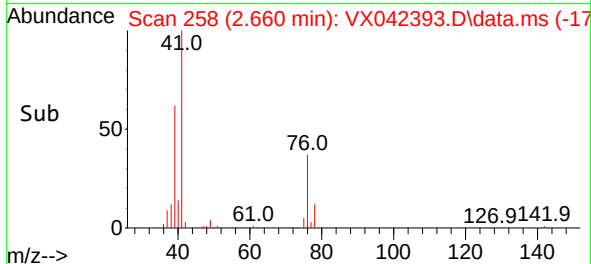
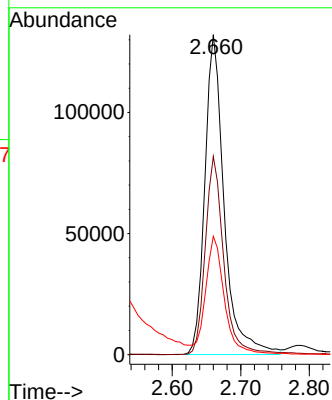
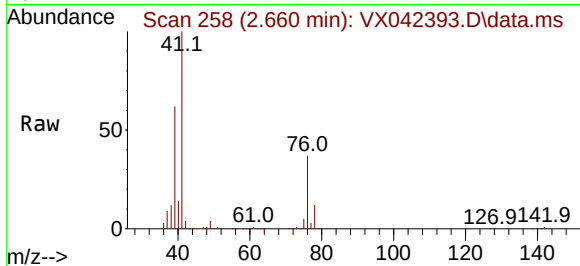
ClientSampleId :

VSTDICC100

Tgt Ion: 41 Resp: 25923
 Ion Ratio Lower Upper
 41 100
 39 61.9 29.6 88.8
 76 36.6 18.1 54.4

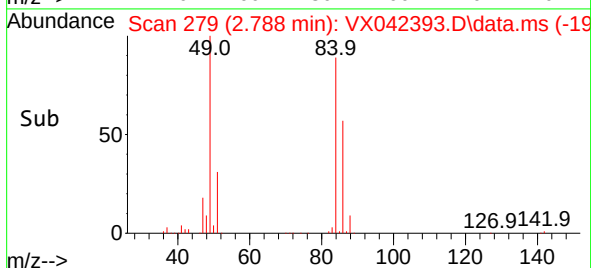
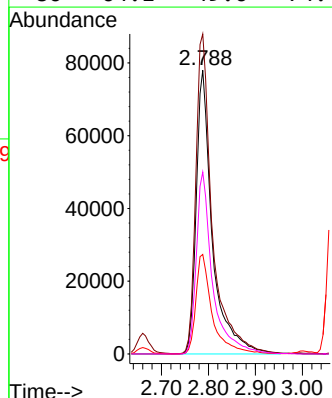
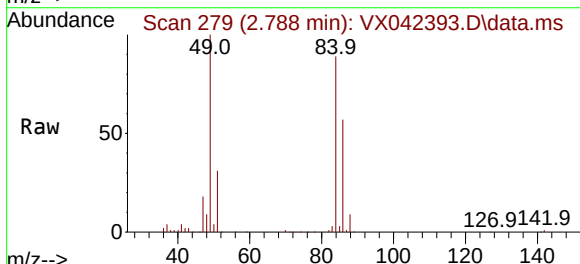
Manual Integrations
 APPROVED

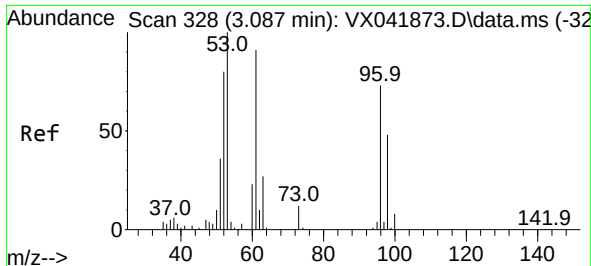
Reviewed By :John Carlone 07/19/2024
 Supervised By :Mahesh Dadoda 07/22/2024



#18
 Methylene Chloride
 Concen: 104.567 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX042393.D
 Acq: 19 Jul 2024 10:33

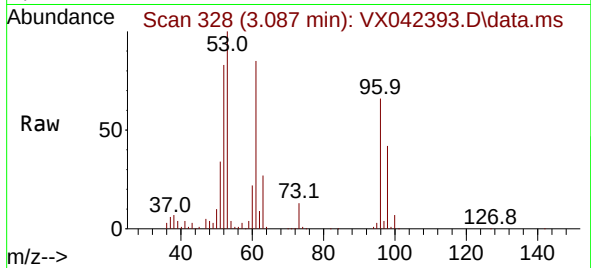
Tgt Ion: 84 Resp: 187115
 Ion Ratio Lower Upper
 84 100
 49 112.7 85.3 127.9
 51 35.0 28.5 42.7
 86 64.1 49.6 74.4





#19
trans-1,2-Dichloroethene
Concen: 108.302 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

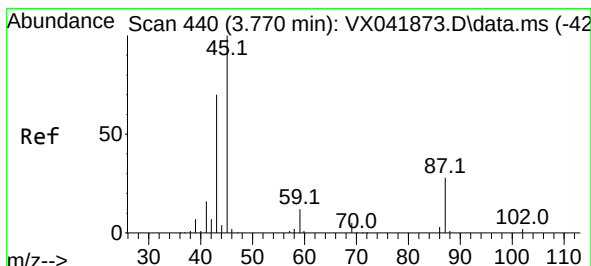
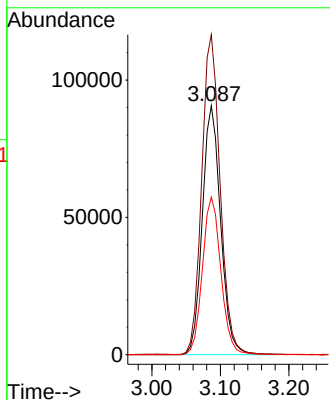
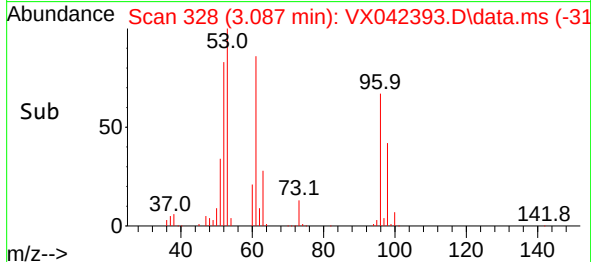
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



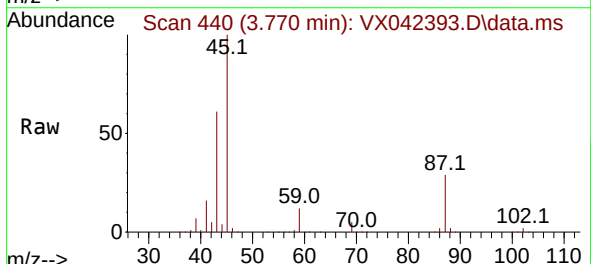
Tgt Ion: 96 Resp: 16925
Ion Ratio Lower Upper
96 100
61 128.4 100.1 150.1
98 63.3 52.1 78.1

Manual Integrations
APPROVED

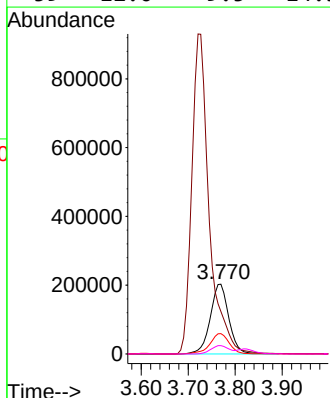
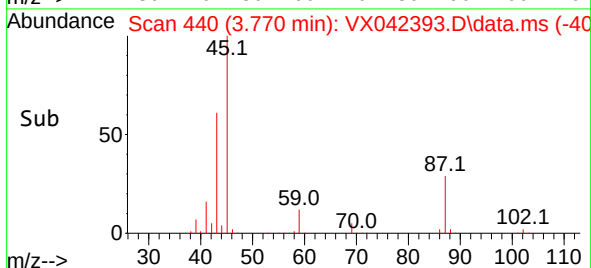
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

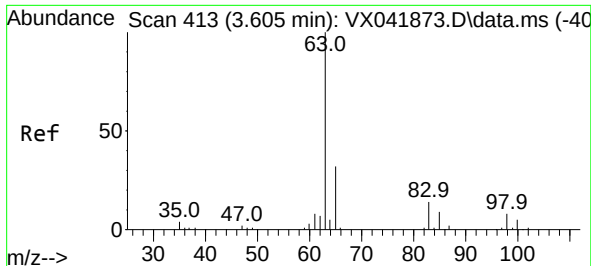


#20
Diisopropyl ether
Concen: 114.306 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33



Tgt Ion: 45 Resp: 556676
Ion Ratio Lower Upper
45 100
43 60.1 55.8 83.8
87 29.3 22.6 34.0
59 12.0 9.5 14.3





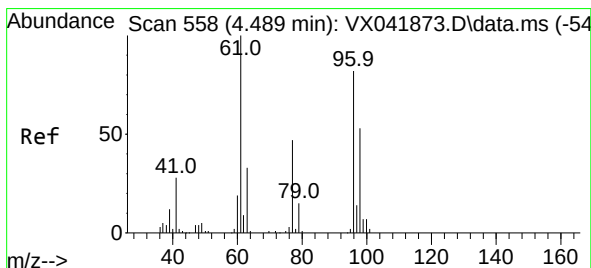
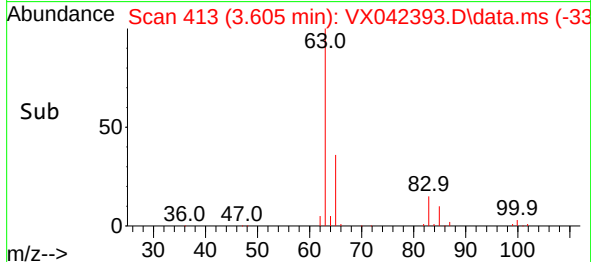
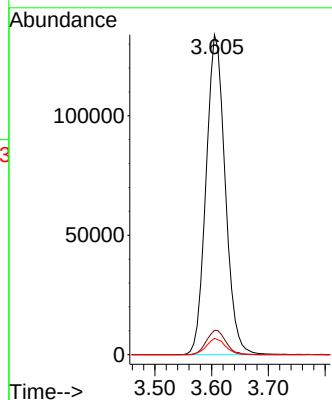
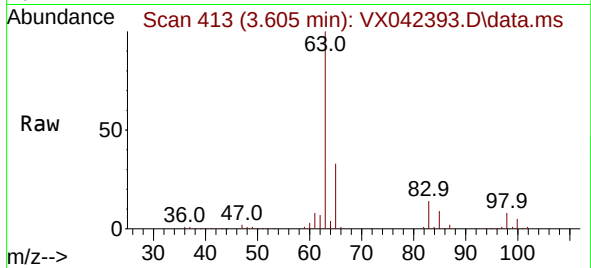
#21
1,1-Dichloroethane
Concen: 113.015 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 63 Resp: 31438
Ion Ratio Lower Upper
63 100
98 7.6 4.2 12.4
100 5.1 2.5 7.4

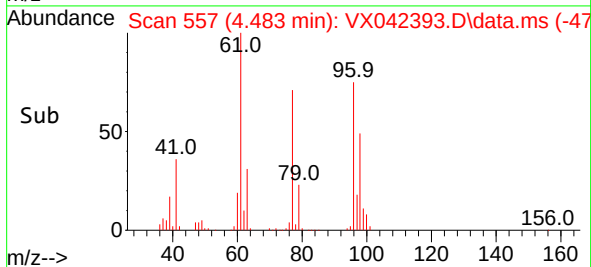
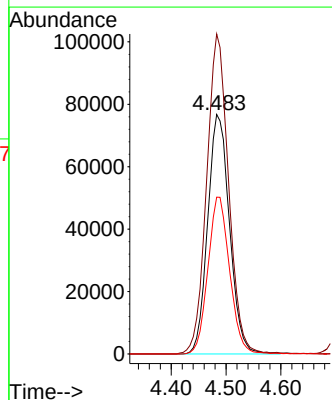
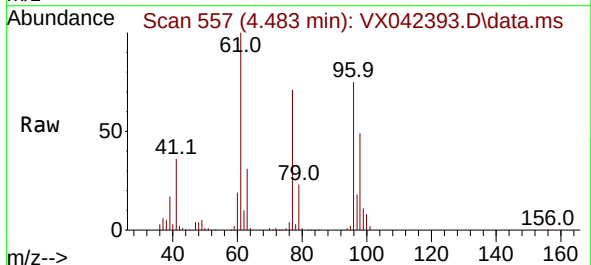
Manual Integrations
APPROVED

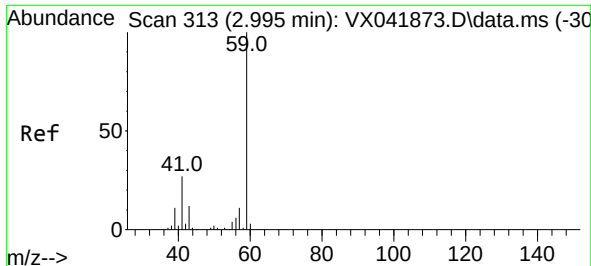
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#22
cis-1,2-Dichloroethene
Concen: 111.961 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Tgt Ion: 96 Resp: 211804
Ion Ratio Lower Upper
96 100
61 134.1 103.3 154.9
98 65.0 52.2 78.2





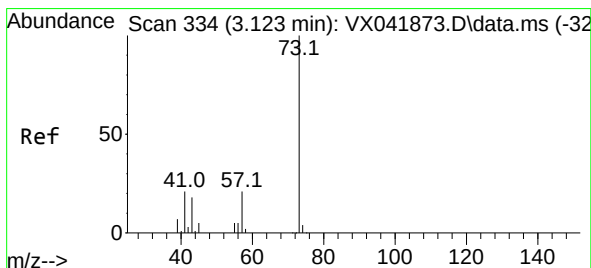
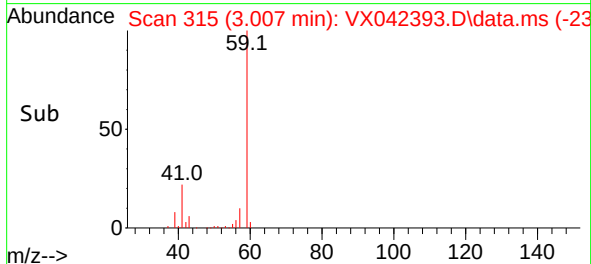
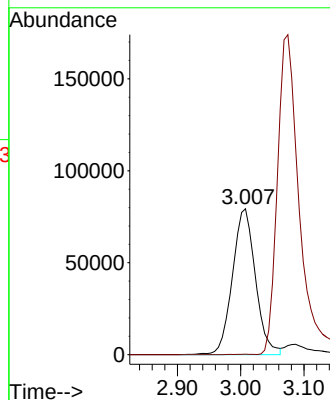
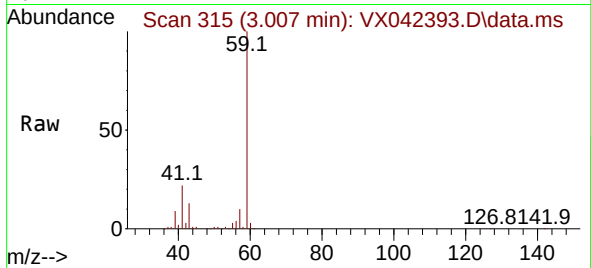
#23
tert-Butyl Alcohol
Concen: 574.102 ug/l
RT: 3.007 min Scan# 313
Delta R.T. 0.012 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 59 Resp: 201498
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0

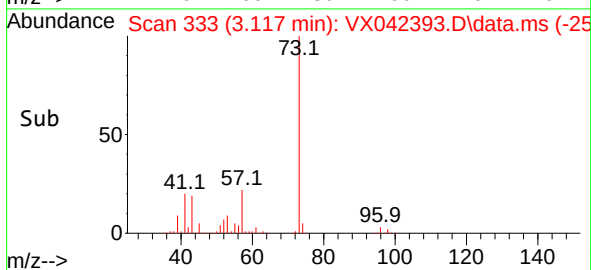
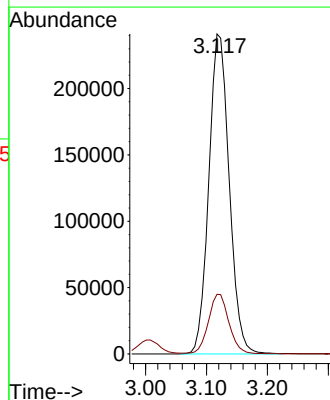
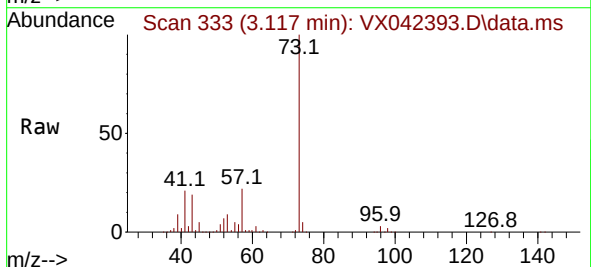
Manual Integrations
APPROVED

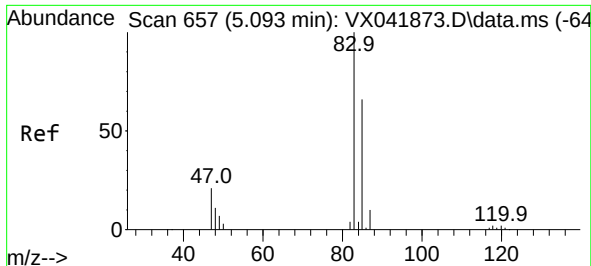
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#24
Methyl tert-Butyl Ether
Concen: 116.215 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Tgt Ion: 73 Resp: 560835
Ion Ratio Lower Upper
73 100
43 18.5 15.1 22.7





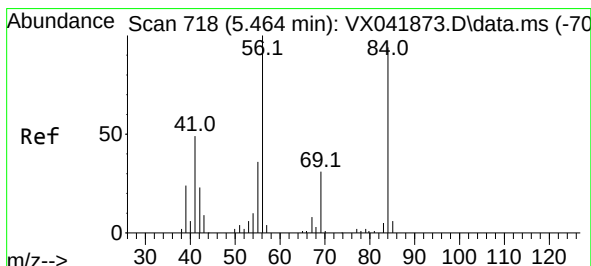
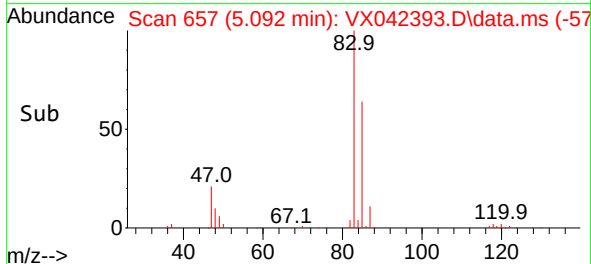
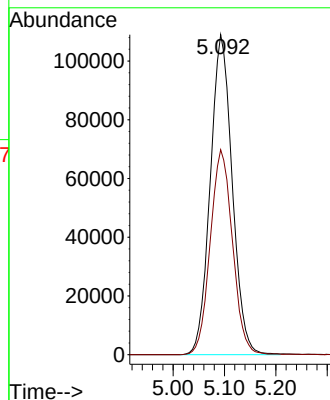
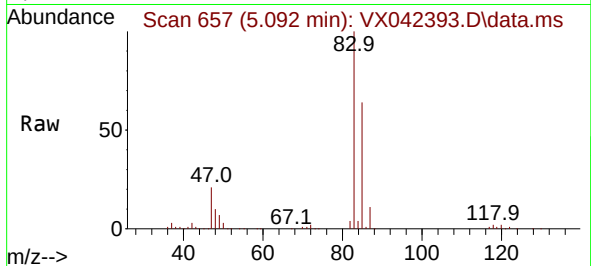
#25
Chloroform
Concen: 114.486 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 32364
Ion Ratio Lower Upper
83 100
85 64.0 52.7 79.1

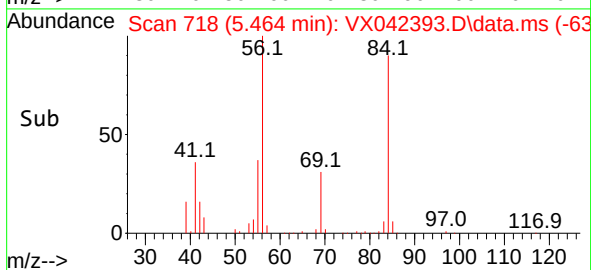
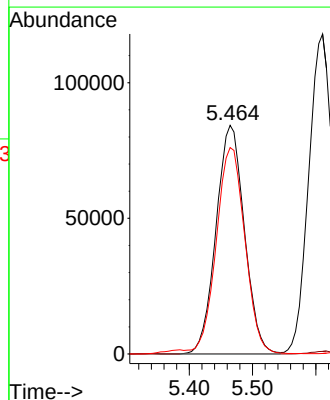
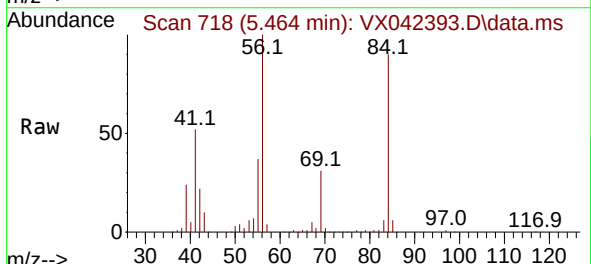
Manual Integrations
APPROVED

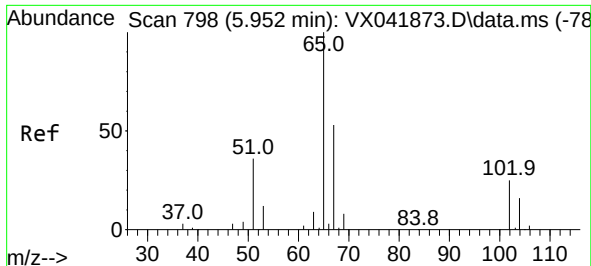
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#26
Cyclohexane
Concen: 108.392 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Tgt Ion: 56 Resp: 261894
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 91.4 73.1 109.7





#27
1,2-Dichloroethane-d4
Concen: 33.673 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Instrument :

MSVOA_X

ClientSampleId :

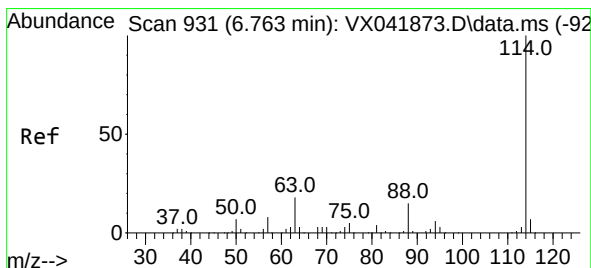
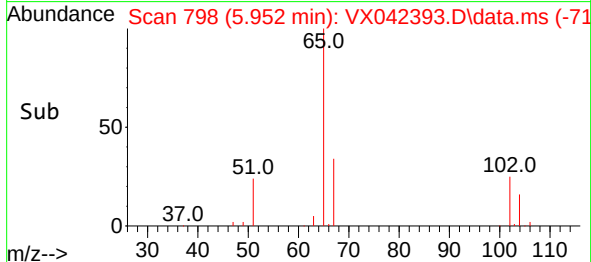
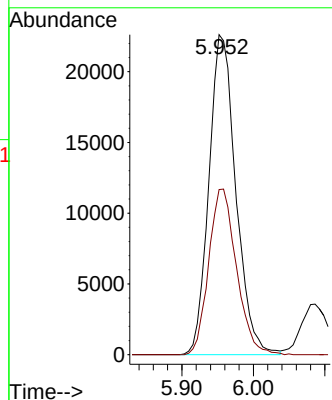
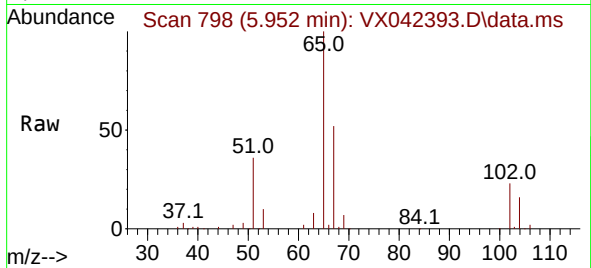
VSTDICC100

Tgt Ion: 65 Resp: 59172
Ion Ratio Lower Upper
65 100
67 53.3 43.4 65.0

Manual Integrations

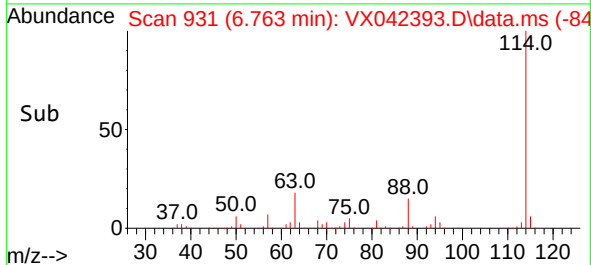
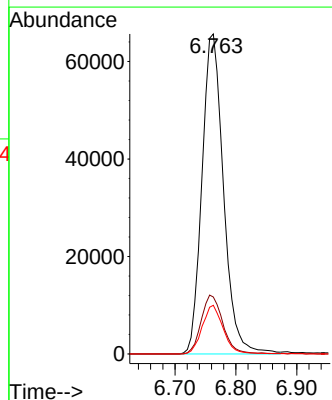
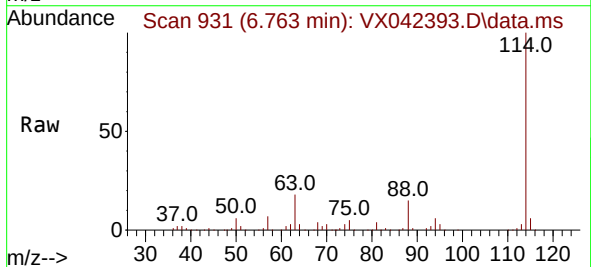
APPROVED

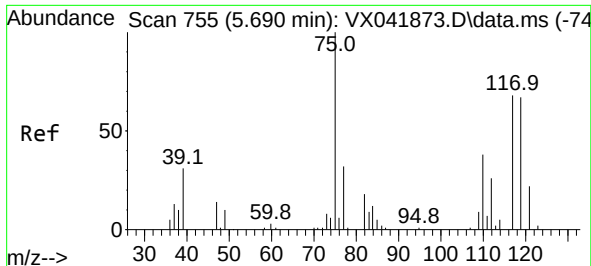
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Tgt Ion:114 Resp: 161437
Ion Ratio Lower Upper
114 100
63 18.4 14.6 21.8
88 14.7 11.8 17.8





#29

1,1-Dichloropropene

Concen: 103.125 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.000 min

Lab File: VX042393.D

Acq: 19 Jul 2024 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 75 Resp: 21728

Ion Ratio Lower Upper

75 100

110 38.4 0.0 80.2

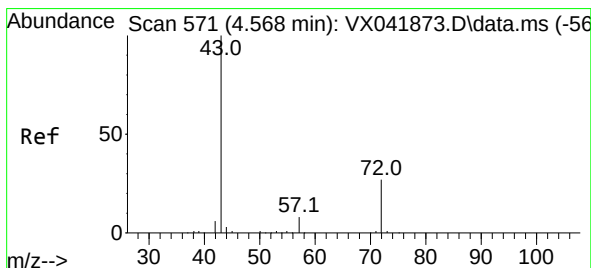
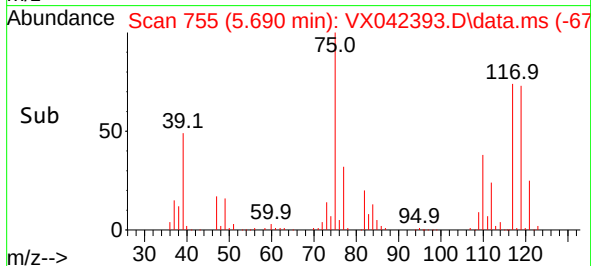
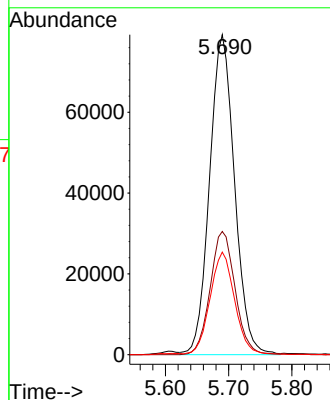
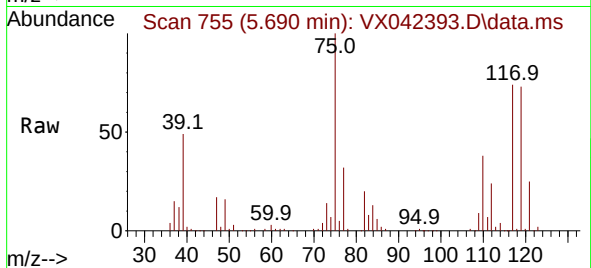
77 31.5 0.0 65.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#30

2-Butanone

Concen: 503.382 ug/l

RT: 4.568 min Scan# 571

Delta R.T. -0.000 min

Lab File: VX042393.D

Acq: 19 Jul 2024 10:33

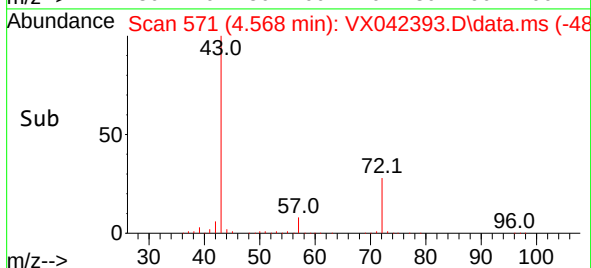
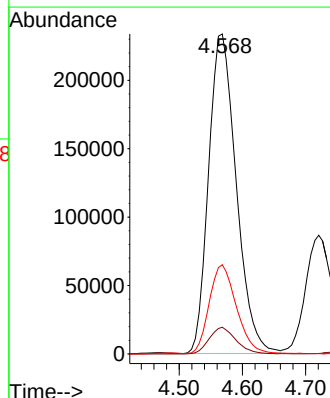
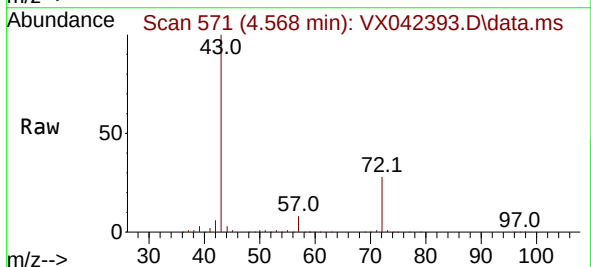
Tgt Ion: 43 Resp: 708692

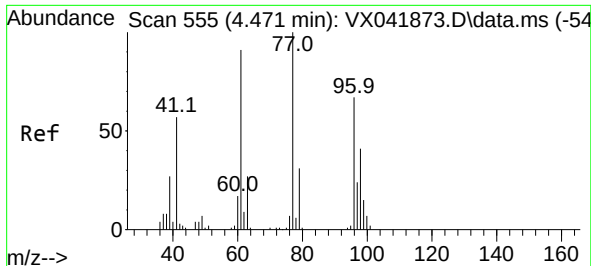
Ion Ratio Lower Upper

43 100

57 8.1 6.5 9.7

72 27.7 22.0 33.0





#31

2,2-Dichloropropane

Concen: 110.277 ug/l

RT: 4.471 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX042393.D

Acq: 19 Jul 2024 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 77 Resp: 254598

Ion Ratio Lower Upper

77 100

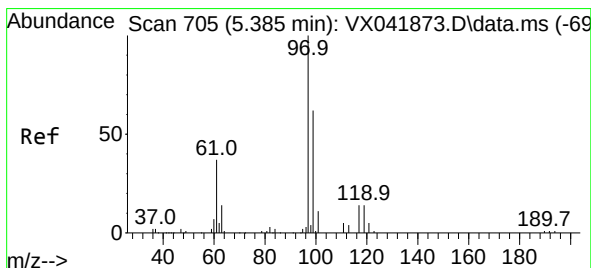
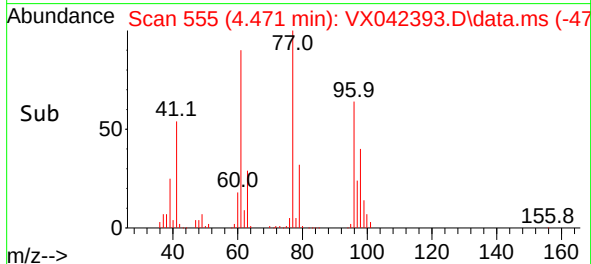
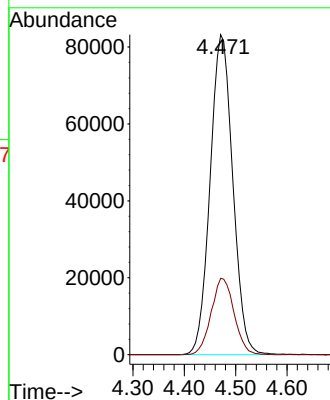
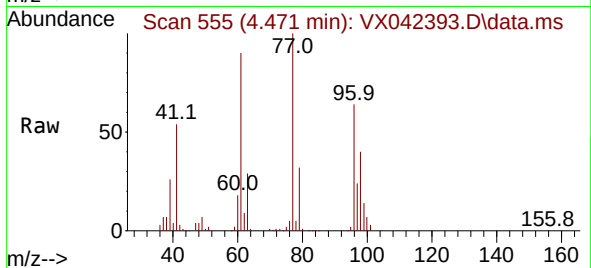
97 24.1 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#32

1,1,1-Trichloroethane

Concen: 106.337 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX042393.D

Acq: 19 Jul 2024 10:33

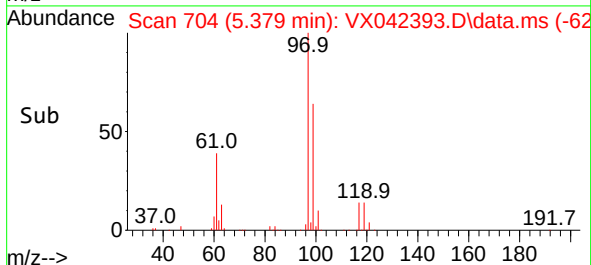
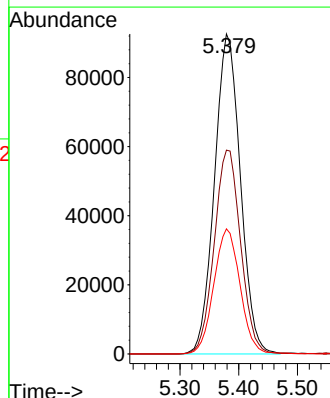
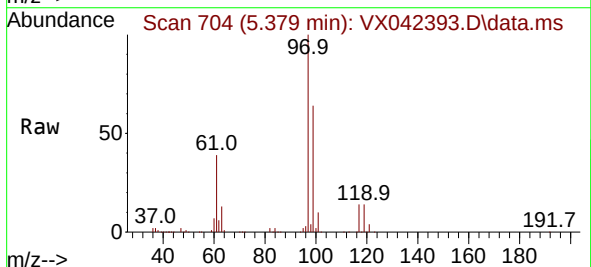
Tgt Ion: 97 Resp: 284012

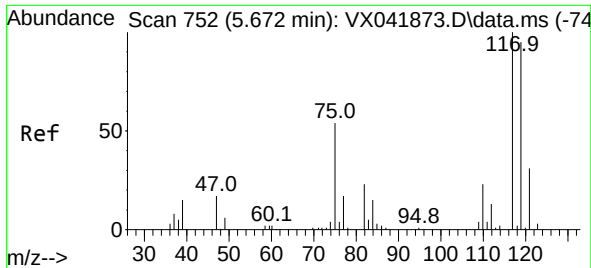
Ion Ratio Lower Upper

97 100

99 64.9 52.0 78.0

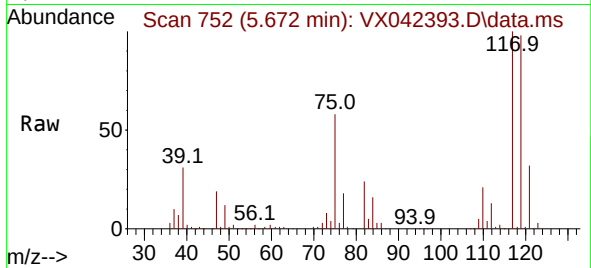
61 39.6 31.7 47.5





#33
Carbon Tetrachloride
Concen: 108.744 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

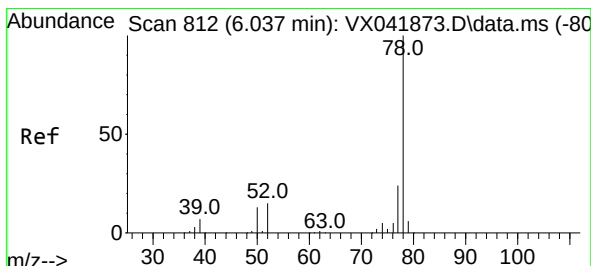
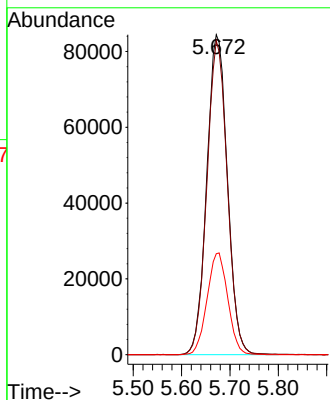
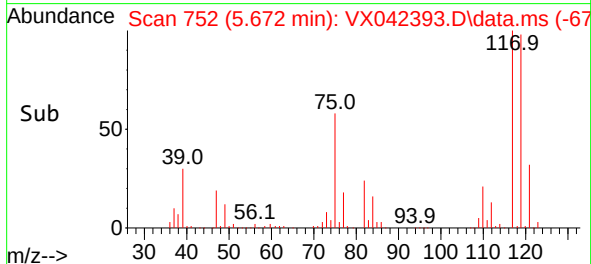
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:117 Resp: 250495
Ion Ratio Lower Upper
117 100
119 98.1 75.7 113.5
121 31.5 24.9 37.3

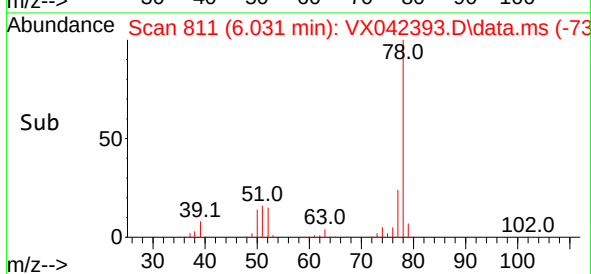
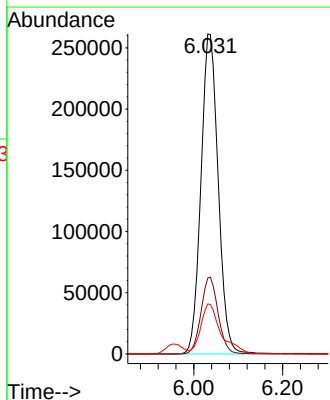
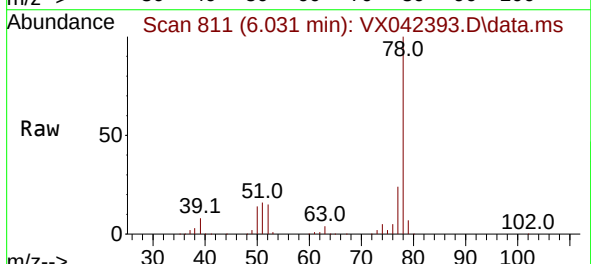
Manual Integrations
APPROVED

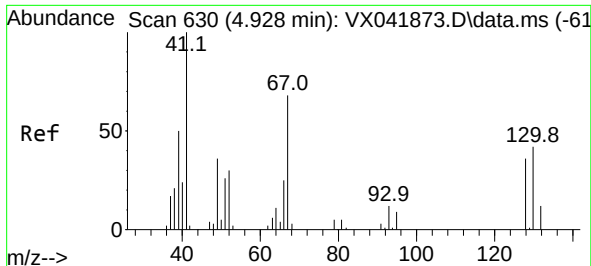
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#34
Benzene
Concen: 100.680 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Tgt Ion: 78 Resp: 706675
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3
51 15.6 11.8 17.8





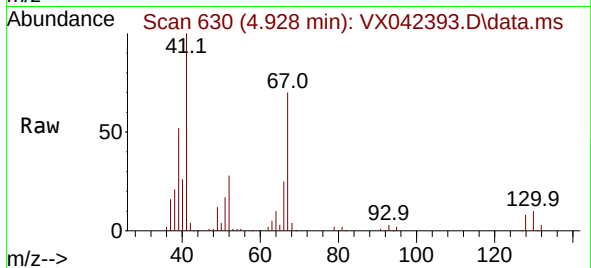
#35
Methacrylonitrile
Concen: 104.494 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100



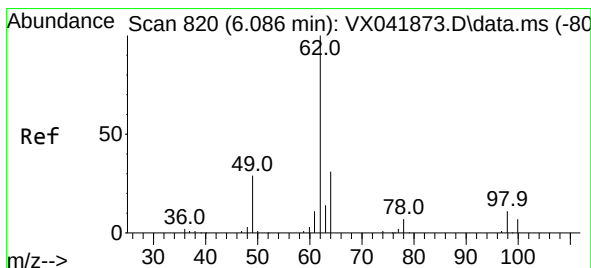
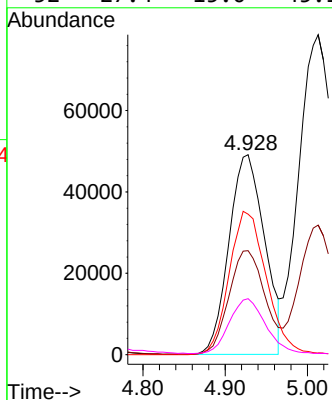
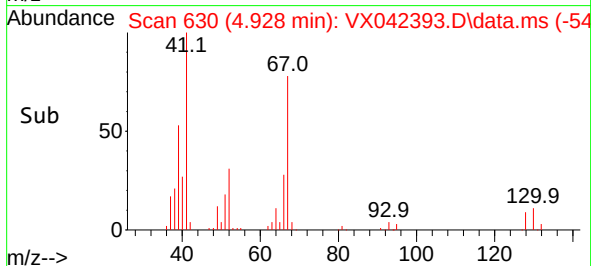
Tgt Ion: 41 Resp: 14776
Ion Ratio Lower Upper
41 100
39 51.7 25.2 75.6
67 70.4 34.2 102.5
52 27.4 15.0 45.1

Manual Integrations

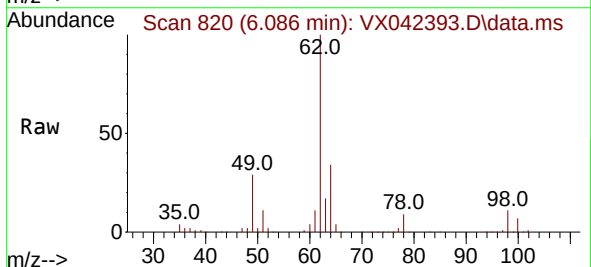
APPROVED

Reviewed By :John Carlone 07/19/2024

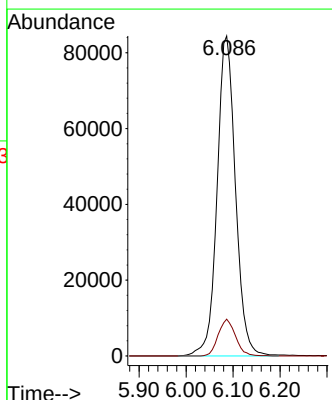
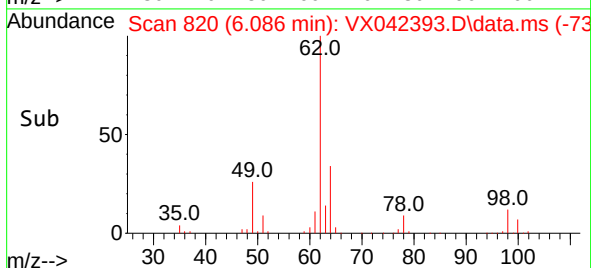
Supervised By :Mahesh Dadoda 07/22/2024

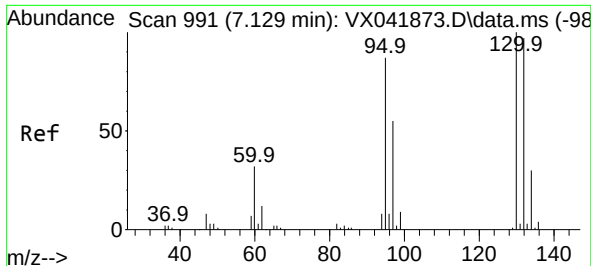


#36
1,2-Dichloroethane
Concen: 105.058 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33



Tgt Ion: 62 Resp: 229723
Ion Ratio Lower Upper
62 100
98 10.8 9.1 13.7





#37

Trichloroethene

Concen: 101.182 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX042393.D

Acq: 19 Jul 2024 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:130 Resp: 19398

Ion Ratio Lower Upper

130 100

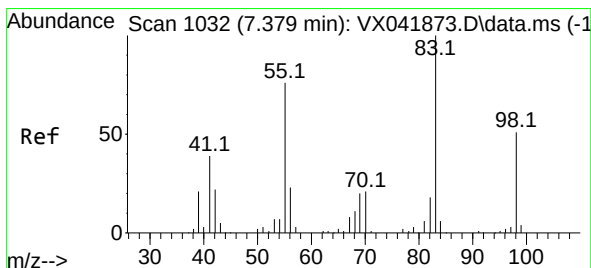
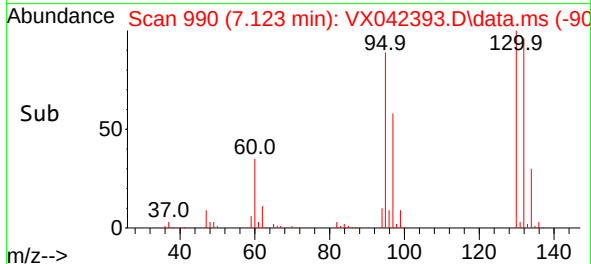
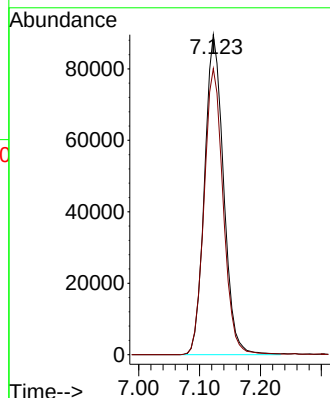
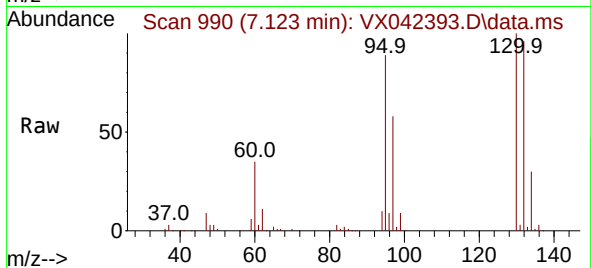
95 89.4 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#38

Methylcyclohexane

Concen: 100.472 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX042393.D

Acq: 19 Jul 2024 10:33

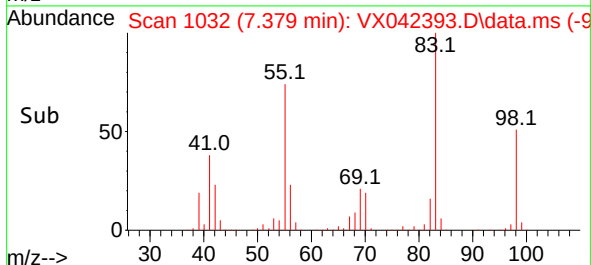
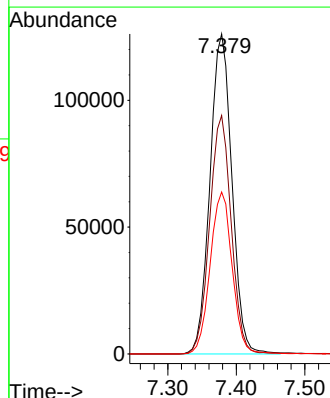
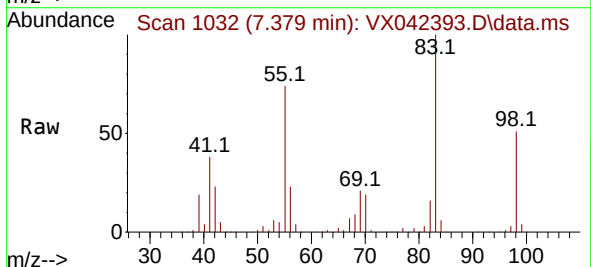
Tgt Ion: 83 Resp: 280404

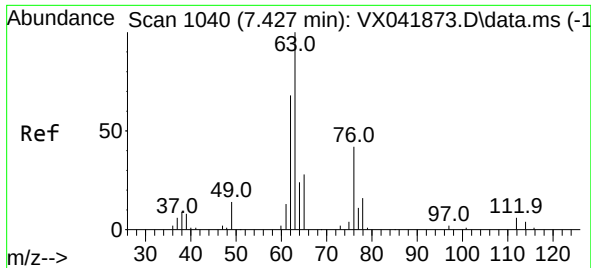
Ion Ratio Lower Upper

83 100

55 73.2 37.3 111.9

98 50.8 24.8 74.4





#39
1,2-Dichloropropane
Concen: 105.577 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Instrument :

MSVOA_X

ClientSampleId :

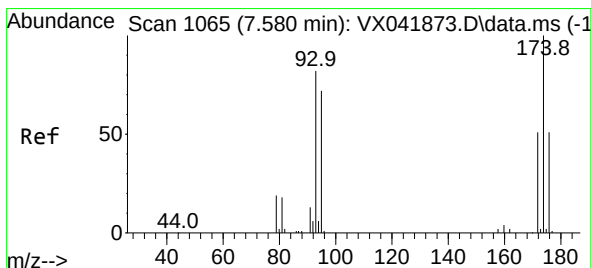
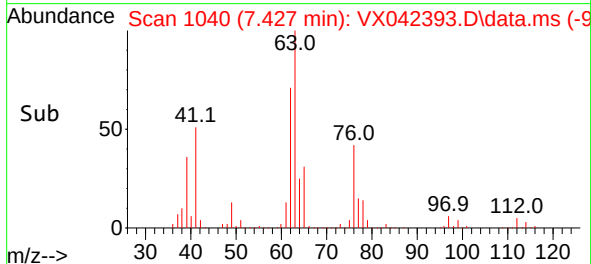
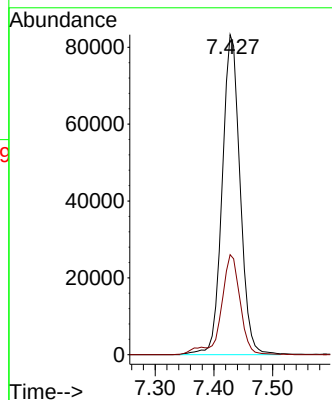
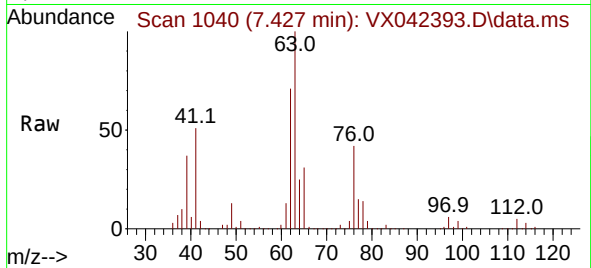
VSTDICC100

Tgt Ion: 63 Resp: 17652
Ion Ratio Lower Upper
63 100
65 31.2 24.0 36.0

Manual Integrations

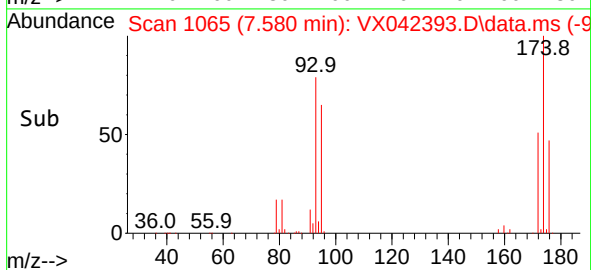
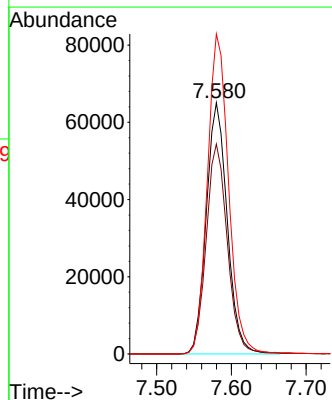
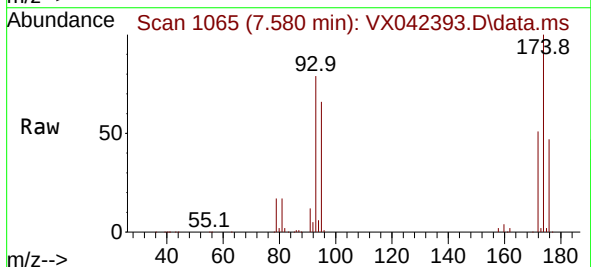
APPROVED

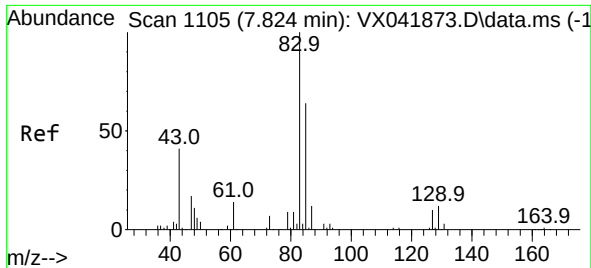
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#40
Dibromomethane
Concen: 102.782 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

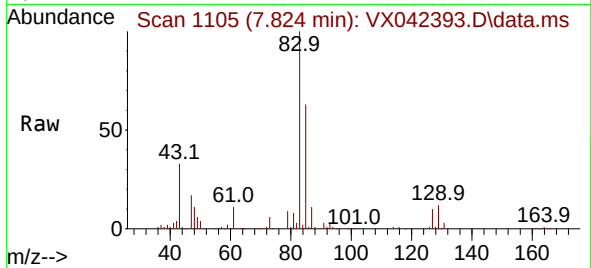
Tgt Ion: 93 Resp: 127124
Ion Ratio Lower Upper
93 100
95 84.0 0.0 168.6
174 128.1 0.0 255.0





#41
Bromodichloromethane
Concen: 111.736 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

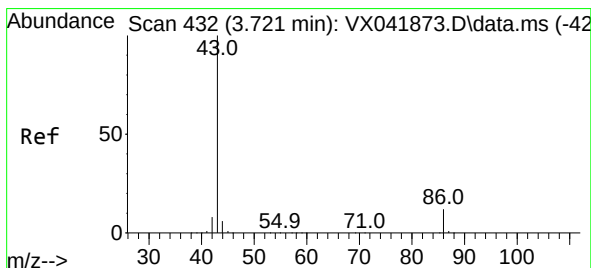
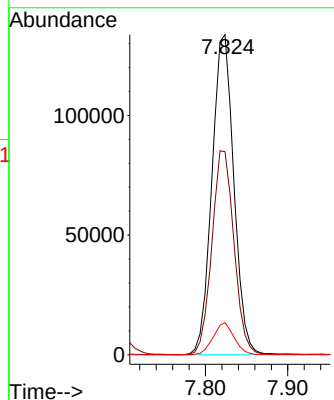
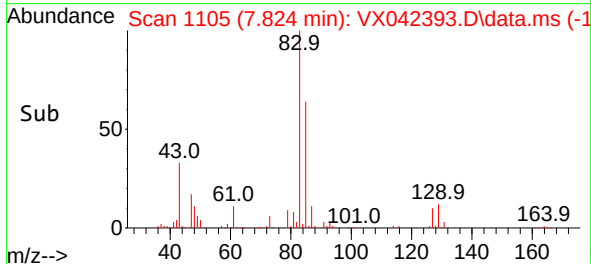
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 247583
Ion Ratio Lower Upper
83 100
85 63.5 51.1 76.7
127 10.0 8.1 12.1

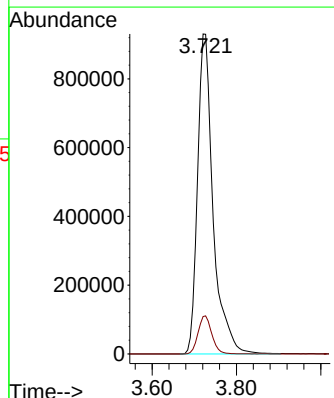
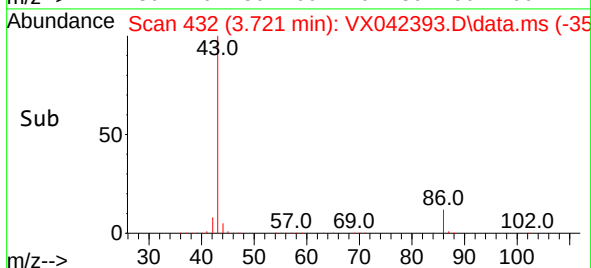
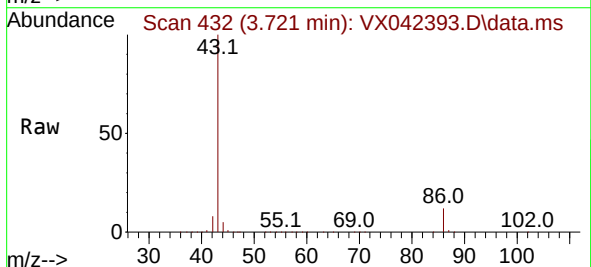
Manual Integrations
APPROVED

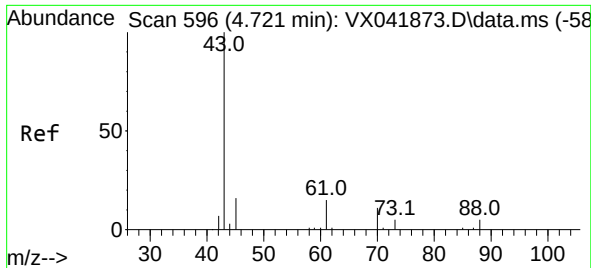
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#42
Vinyl Acetate
Concen: 507.539 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Tgt Ion: 43 Resp: 2391743
Ion Ratio Lower Upper
43 100
86 10.5 8.5 12.7





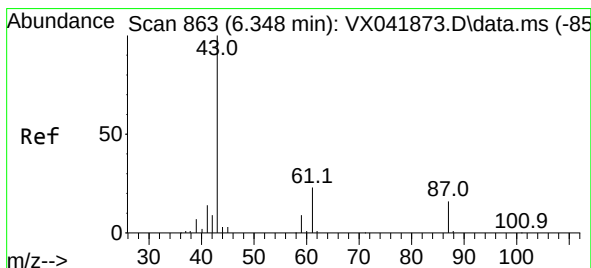
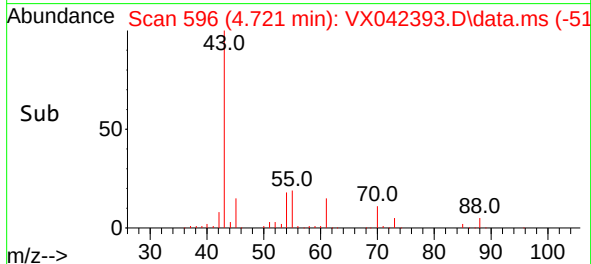
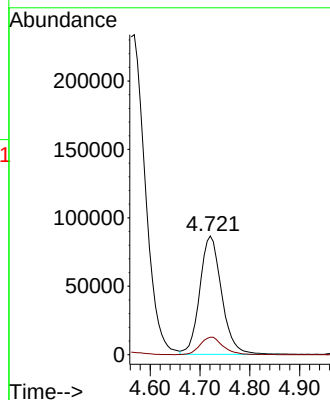
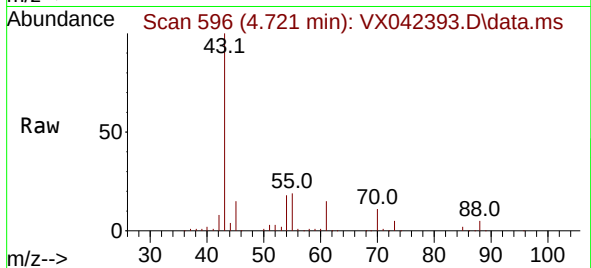
#43
Ethyl Acetate
Concen: 100.132 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 26432
Ion Ratio Lower Upper
43 100
45 15.5 12.4 18.6

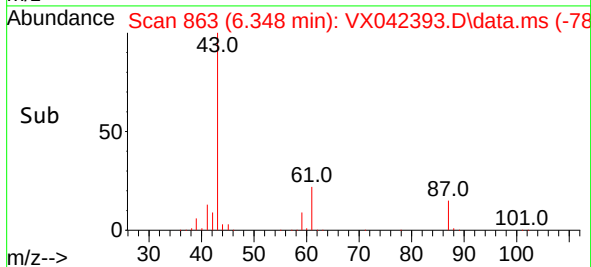
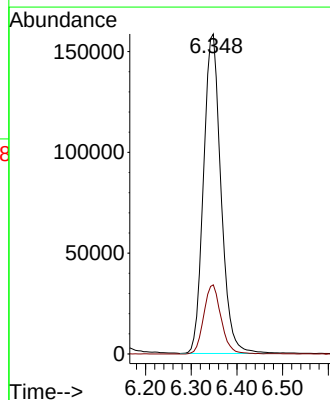
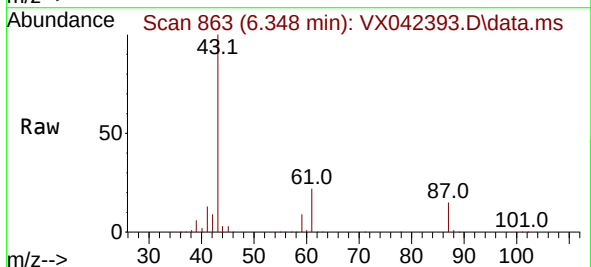
Manual Integrations
APPROVED

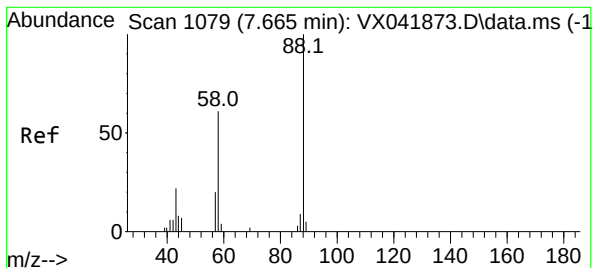
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#44
Isopropyl Acetate
Concen: 106.105 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Tgt Ion: 43 Resp: 419518
Ion Ratio Lower Upper
43 100
61 21.5 17.4 26.0





#45

1,4-Dioxane

Concen: 1958.899 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. -0.000 min

Lab File: VX042393.D

Acq: 19 Jul 2024 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 9440

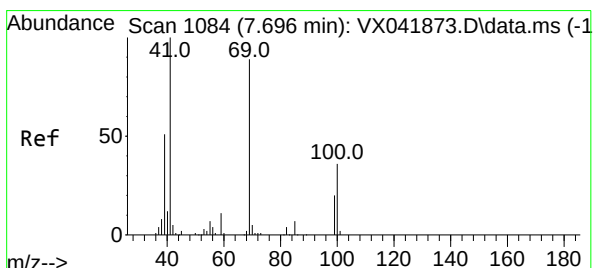
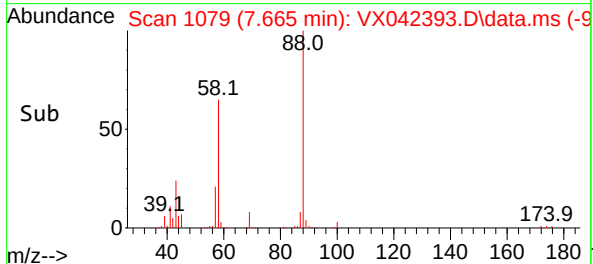
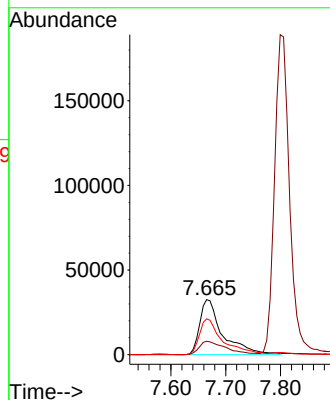
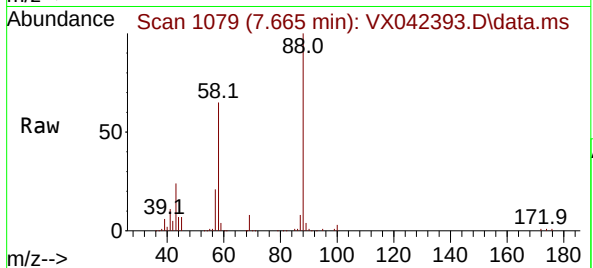
Ion	Ratio	Lower	Upper
88	100		
43	27.8	23.2	34.8
58	65.7	52.6	78.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#46

Methyl methacrylate

Concen: 107.316 ug/l

RT: 7.696 min Scan# 1084

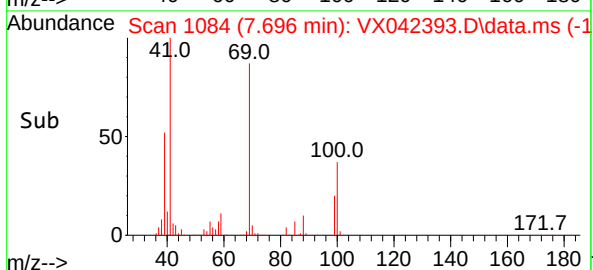
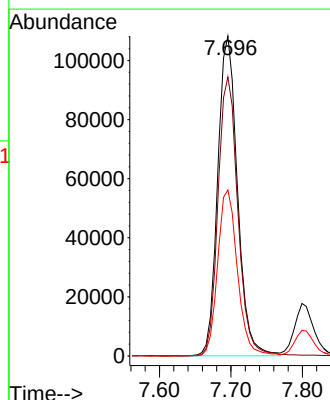
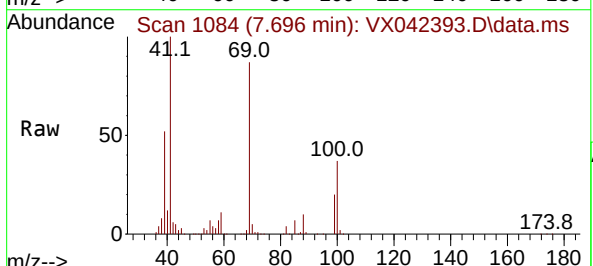
Delta R.T. -0.000 min

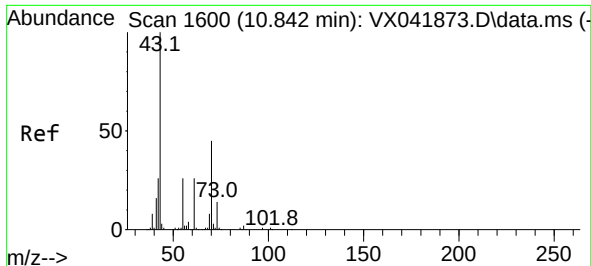
Lab File: VX042393.D

Acq: 19 Jul 2024 10:33

Tgt Ion: 41 Resp: 207457

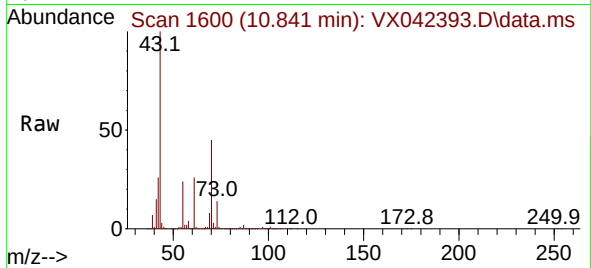
Ion	Ratio	Lower	Upper
41	100		
69	87.3	44.4	133.1
39	51.9	25.5	76.5





#47
n-amy1 Acetate
Concen: 109.832 ug/l
RT: 10.841 min Scan# 110
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

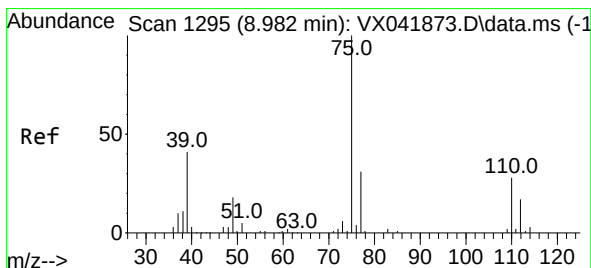
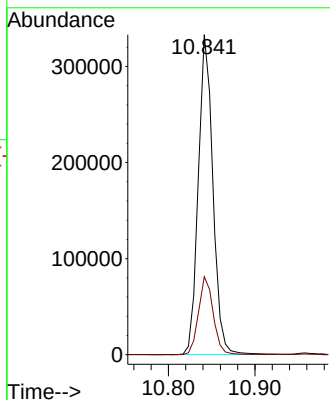
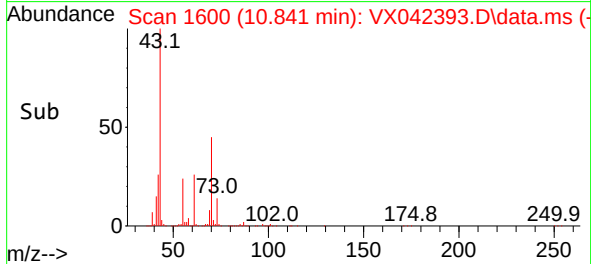
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 38973
Ion Ratio Lower Upper
43 100
55 24.7 21.0 31.4

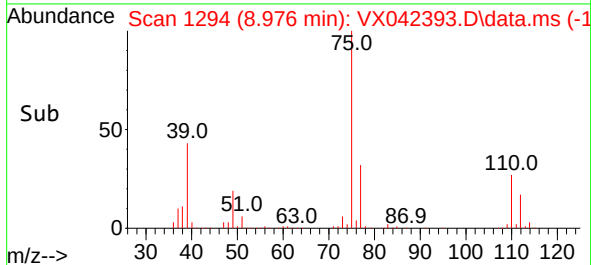
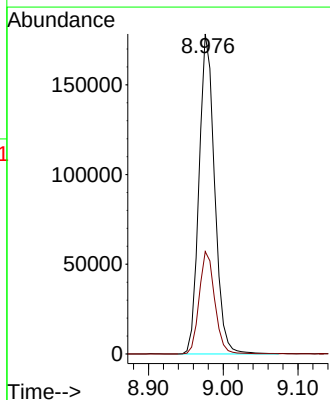
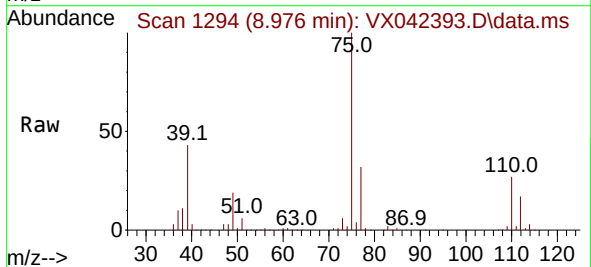
Manual Integrations
APPROVED

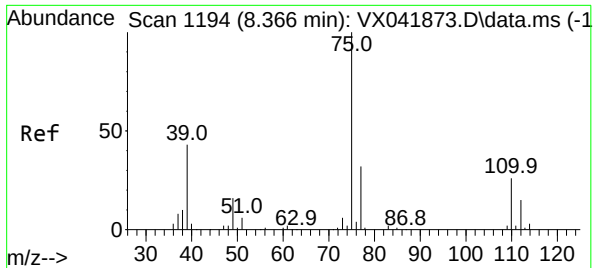
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#48
t-1,3-Dichloropropene
Concen: 113.034 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Tgt Ion: 75 Resp: 257878
Ion Ratio Lower Upper
75 100
77 32.0 25.1 37.7





#49

cis-1,3-Dichloropropene

Concen: 110.304 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX042393.D

Acq: 19 Jul 2024 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 75 Resp: 282280

Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.8

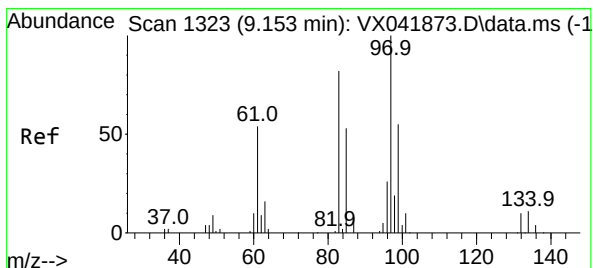
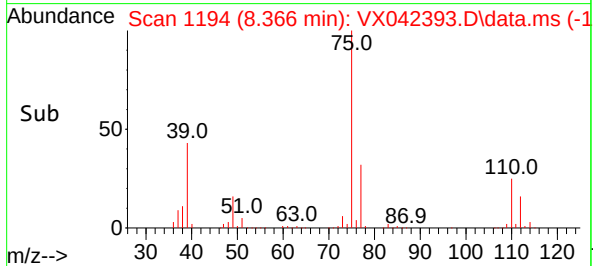
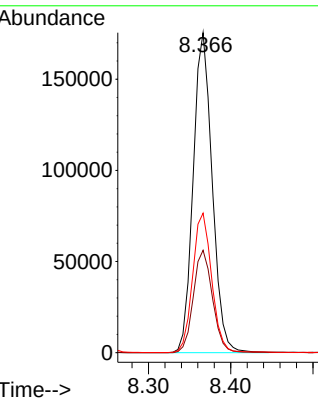
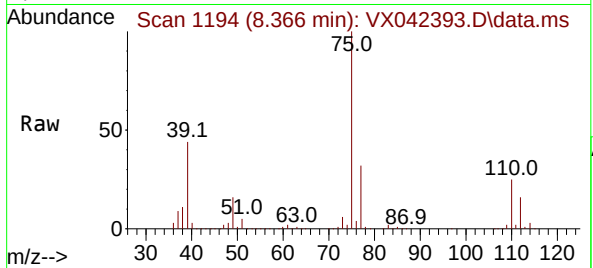
39 43.6 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#50

1,1,2-Trichloroethane

Concen: 103.787 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX042393.D

Acq: 19 Jul 2024 10:33

Tgt Ion: 97 Resp: 186653

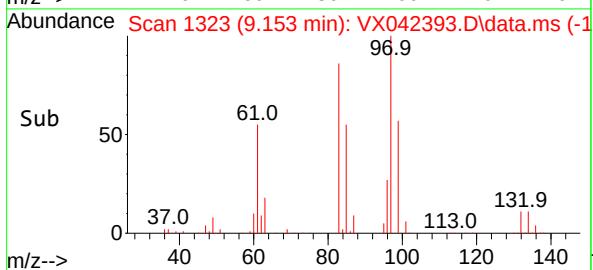
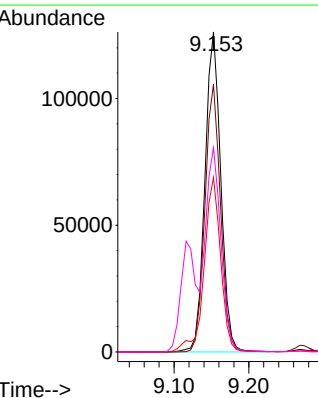
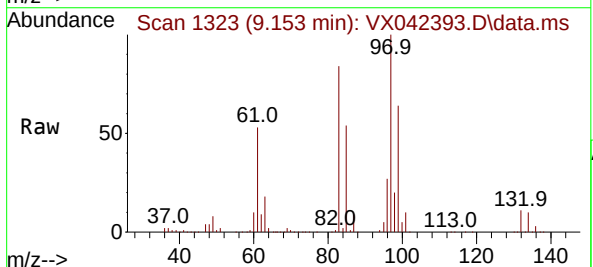
Ion Ratio Lower Upper

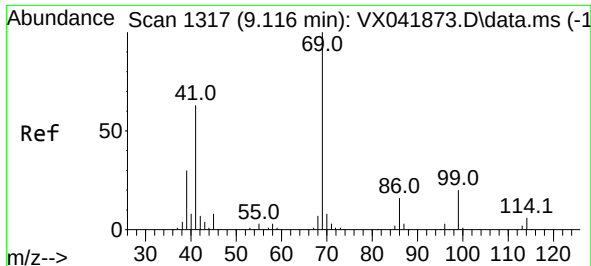
97 100

83 83.7 65.9 98.9

85 54.4 42.9 64.3

99 63.7 48.8 73.2





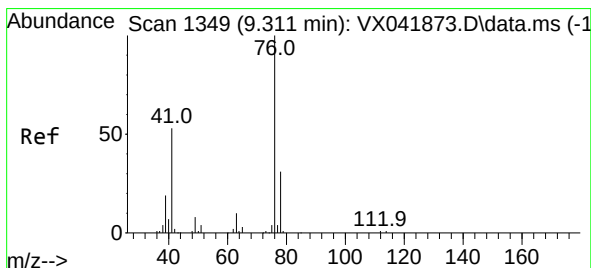
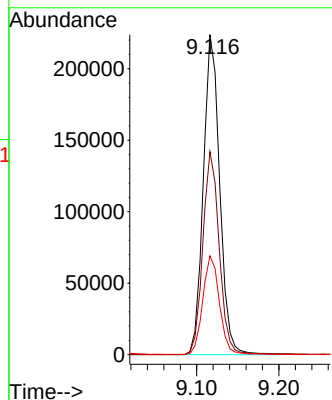
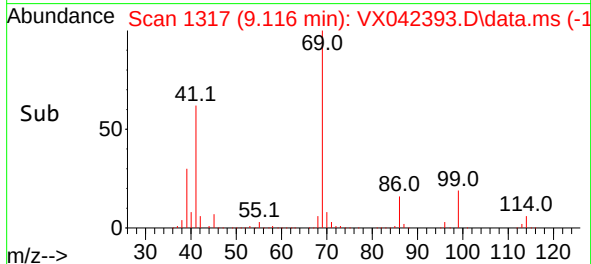
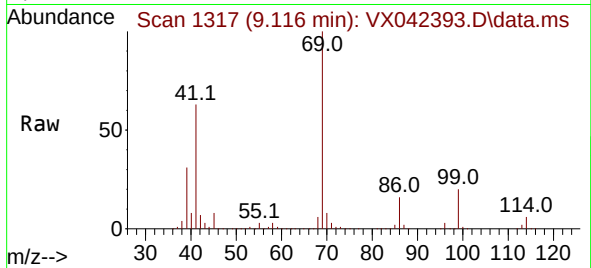
#51
Ethyl methacrylate
Concen: 108.606 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 69 Resp: 31028
Ion Ratio Lower Upper
69 100
41 63.4 31.6 94.7
39 30.8 15.3 45.8

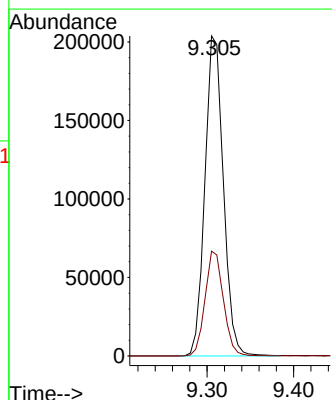
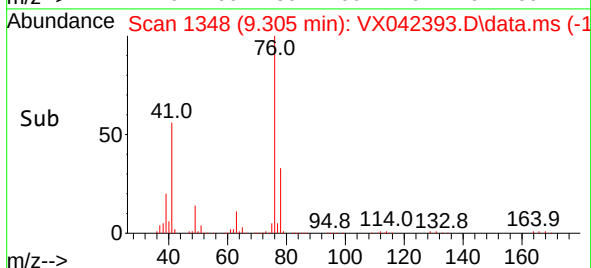
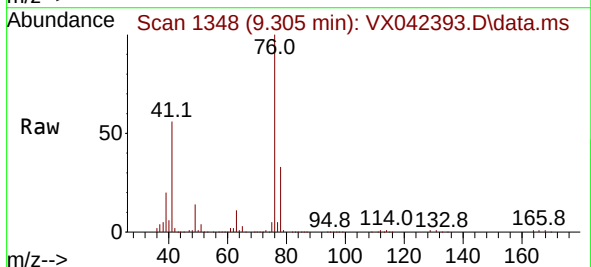
Manual Integrations
APPROVED

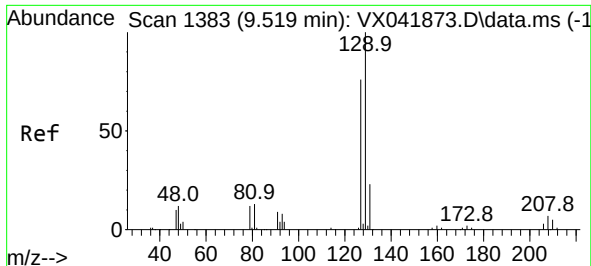
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#52
1,3-Dichloropropane
Concen: 102.752 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Tgt Ion: 76 Resp: 302103
Ion Ratio Lower Upper
76 100
78 32.6 0.0 66.0





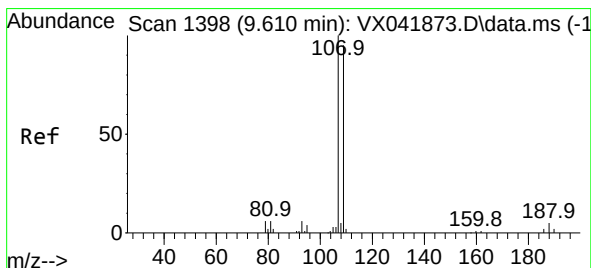
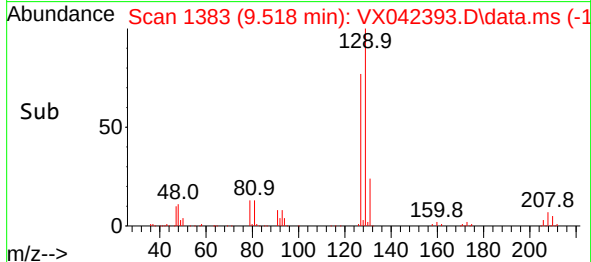
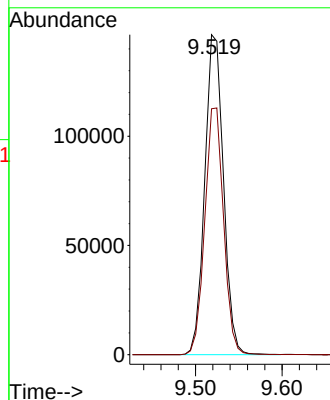
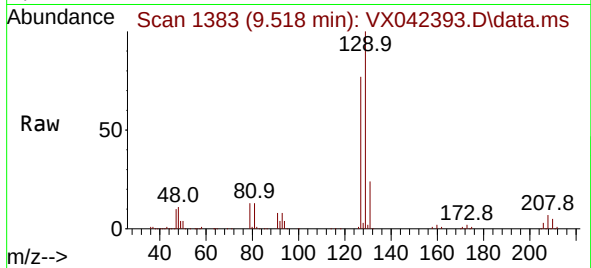
#53
Dibromochloromethane
Concen: 111.677 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:129 Resp: 21979
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.4

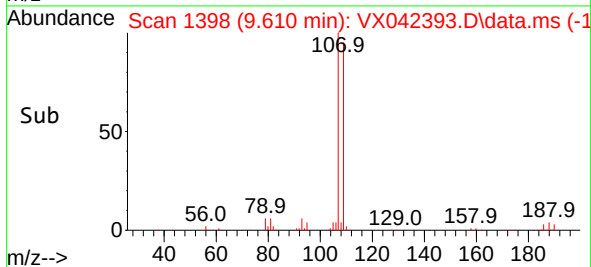
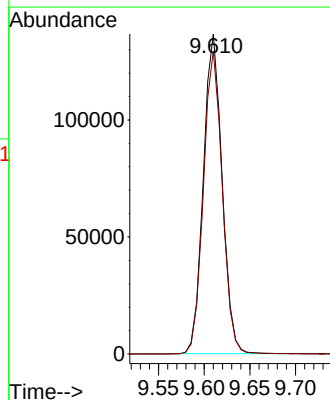
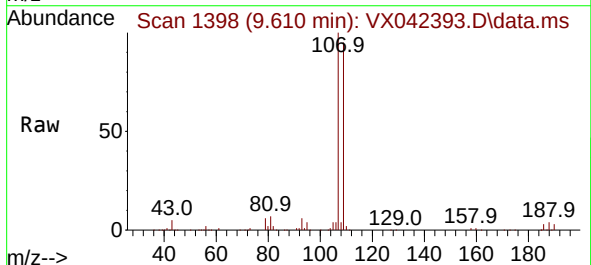
Manual Integrations
APPROVED

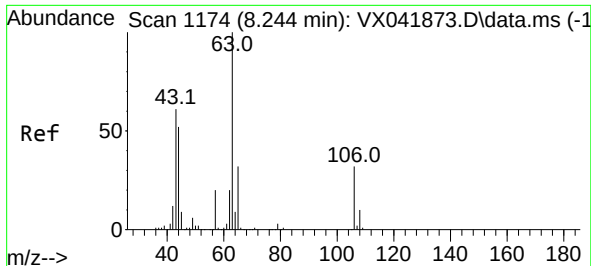
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#54
1,2-Dibromoethane
Concen: 102.400 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

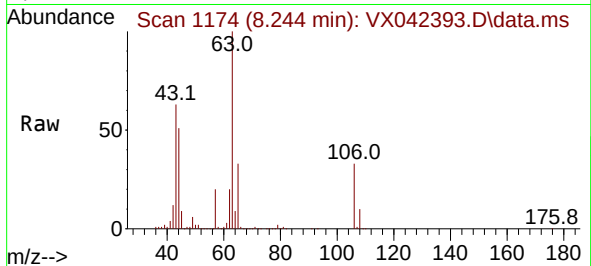
Tgt Ion:107 Resp: 194202
Ion Ratio Lower Upper
107 100
109 95.1 75.7 113.5





#55
2-Chloroethyl vinyl ether
Concen: 533.406 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

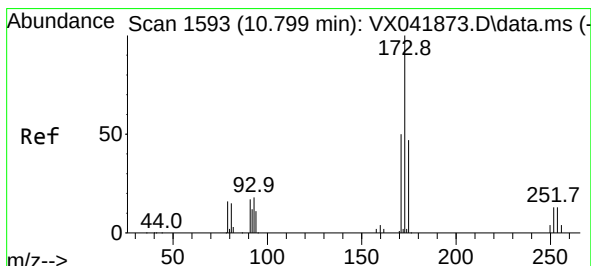
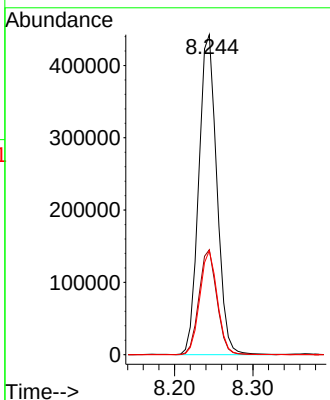
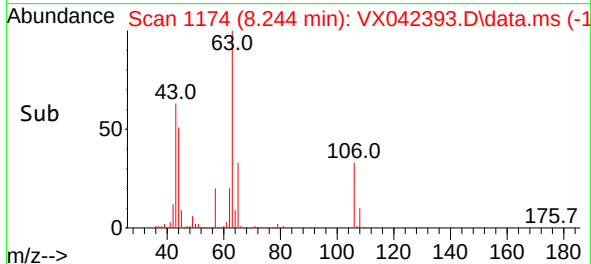
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 63 Resp: 709318
Ion Ratio Lower Upper
63 100
65 32.4 25.7 38.5
106 31.6 25.3 37.9

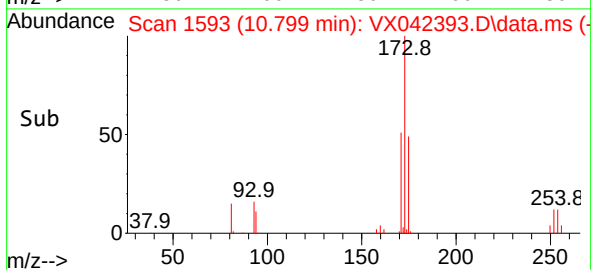
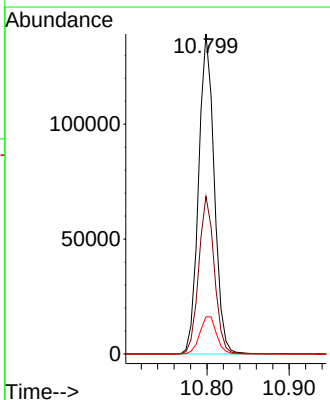
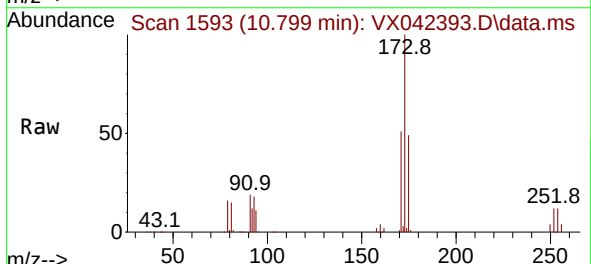
Manual Integrations
APPROVED

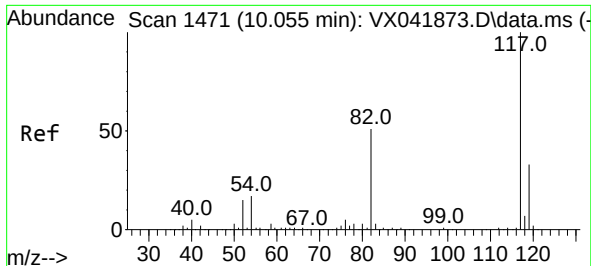
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#56
Bromoform
Concen: 114.547 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

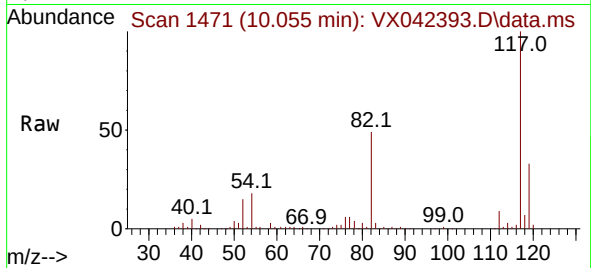
Tgt Ion:173 Resp: 183827
Ion Ratio Lower Upper
173 100
175 49.1 39.3 58.9
254 12.5 9.6 14.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

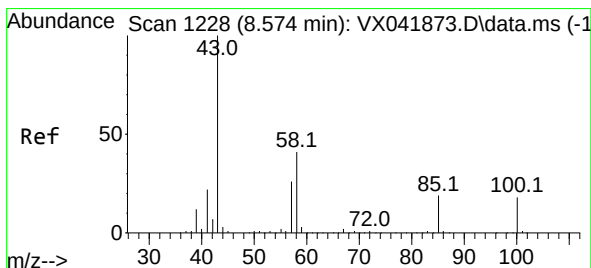
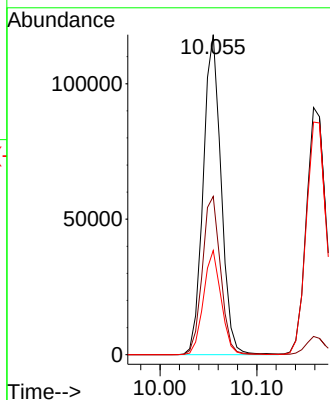
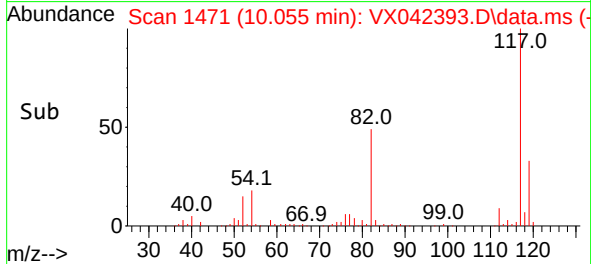
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 117 Resp: 15250
Ion Ratio Lower Upper
117 100
82 50.2 41.1 61.7
119 32.0 26.1 39.1

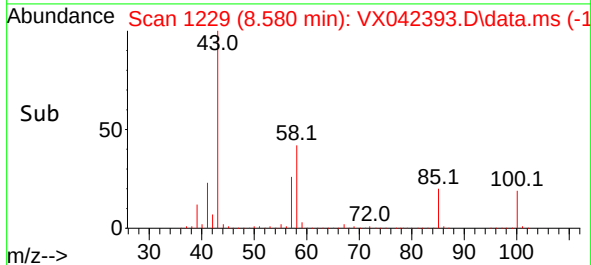
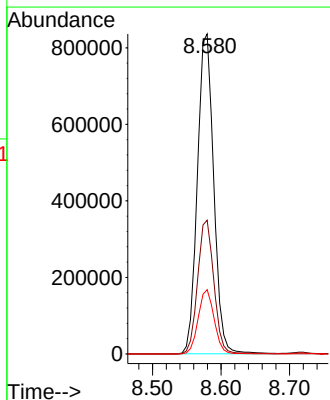
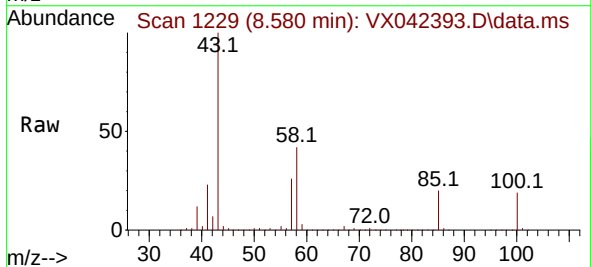
Manual Integrations
APPROVED

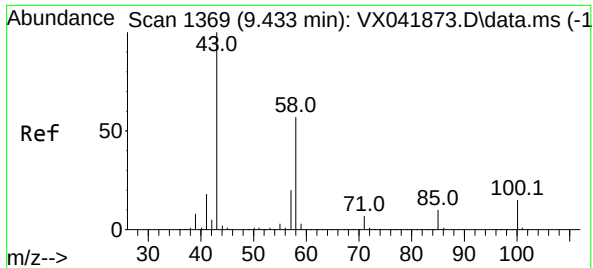
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#58
4-Methyl-2-Pentanone
Concen: 509.866 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Tgt Ion: 43 Resp: 1393342
Ion Ratio Lower Upper
43 100
58 41.3 33.2 49.8
85 19.7 15.5 23.3





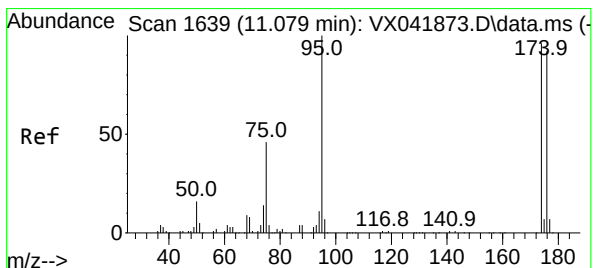
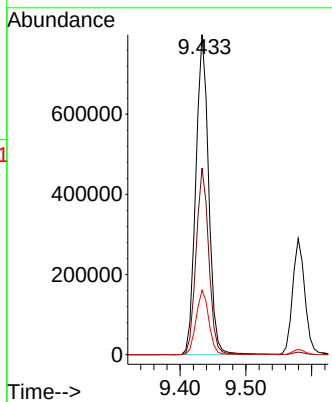
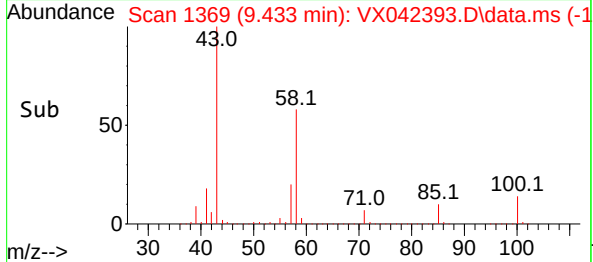
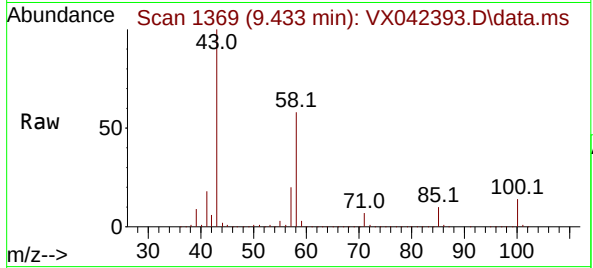
#59
2-Hexanone
Concen: 510.183 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 107610
Ion Ratio Lower Upper
43 100
58 58.0 46.0 69.0
57 20.0 15.8 23.6

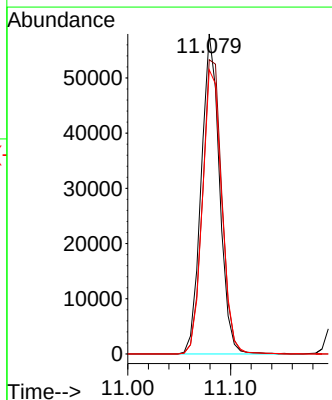
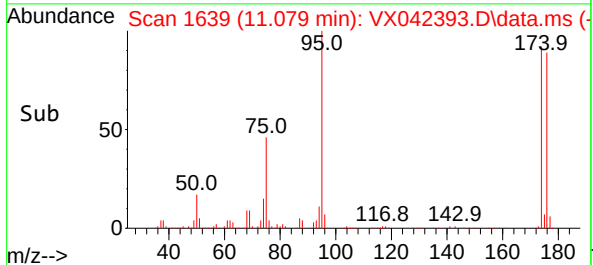
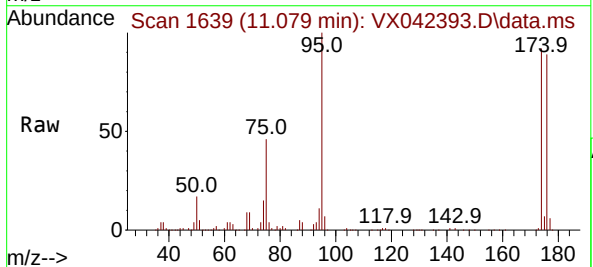
Manual Integrations
APPROVED

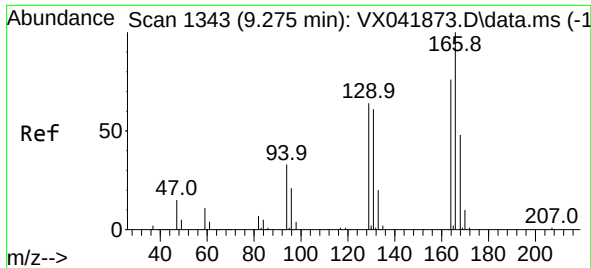
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#60
4-Bromofluorobenzene
Concen: 30.407 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

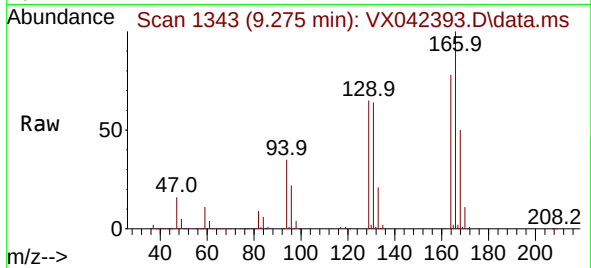
Tgt Ion: 95 Resp: 71781
Ion Ratio Lower Upper
95 100
174 97.2 78.9 118.3
176 93.7 77.1 115.7





#61
Tetrachloroethene
Concen: 95.492 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

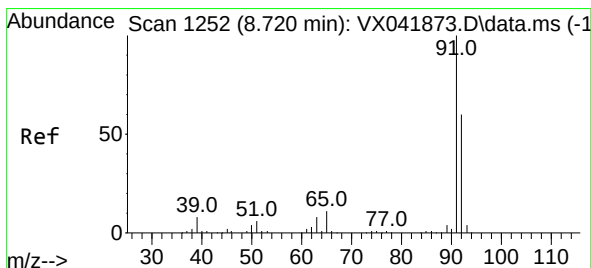
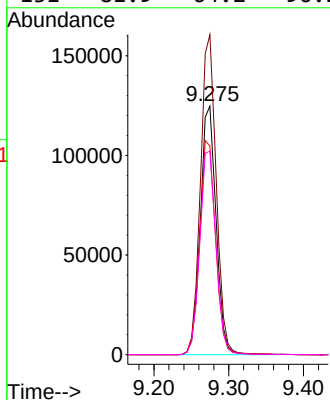
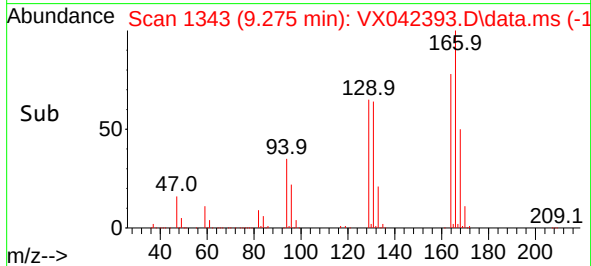
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:164 Resp: 18325
Ion Ratio Lower Upper
164 100
166 128.8 105.0 157.6
129 84.0 67.1 100.7
131 81.9 64.2 96.2

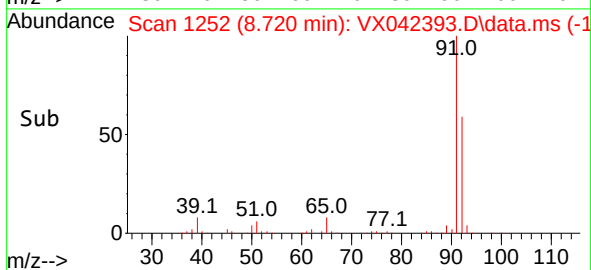
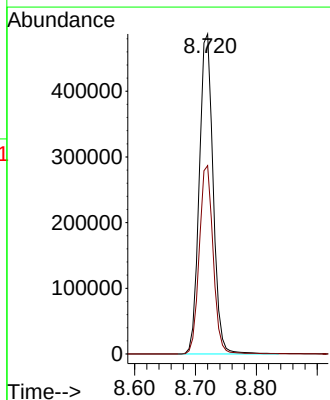
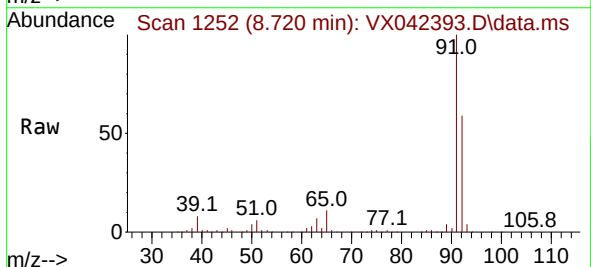
Manual Integrations
APPROVED

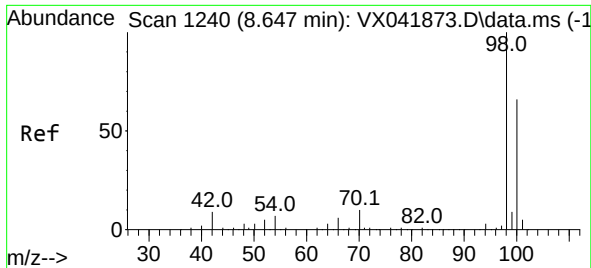
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#62
Toluene
Concen: 99.691 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

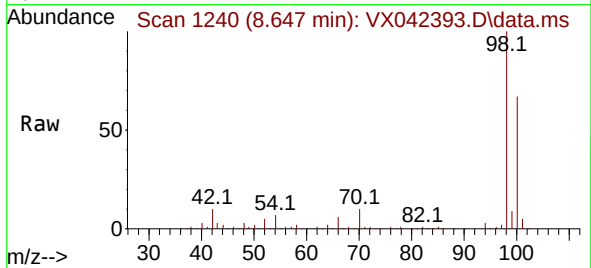
Tgt Ion: 91 Resp: 769346
Ion Ratio Lower Upper
91 100
92 58.9 47.4 71.2





#63
Toluene-d8
Concen: 29.598 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

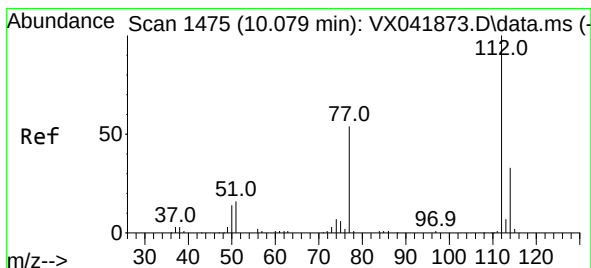
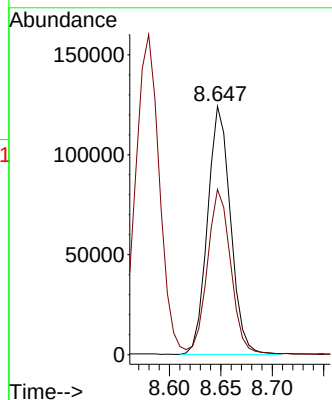
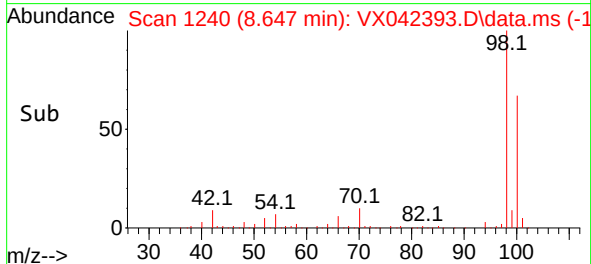
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



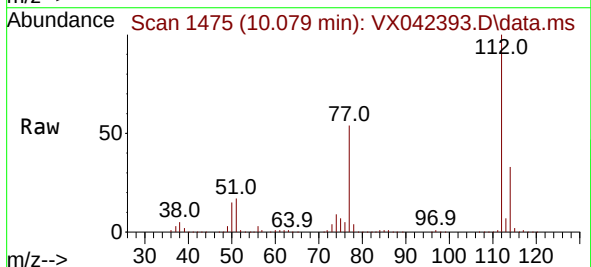
Tgt Ion: 98 Resp: 193120
Ion Ratio Lower Upper
98 100
100 67.2 52.7 79.1

Manual Integrations
APPROVED

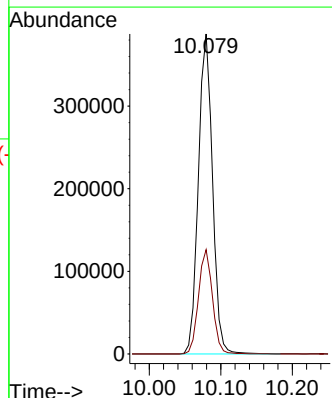
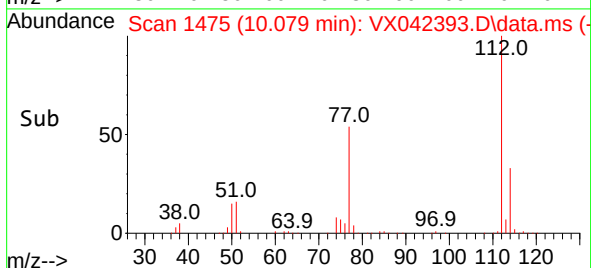
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

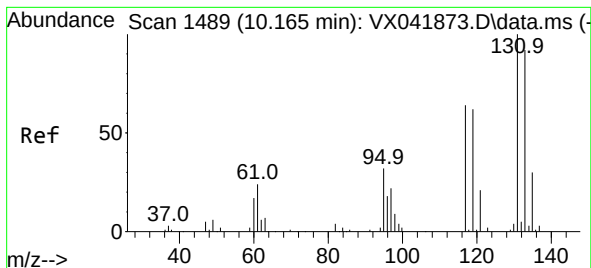


#64
Chlorobenzene
Concen: 101.019 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33



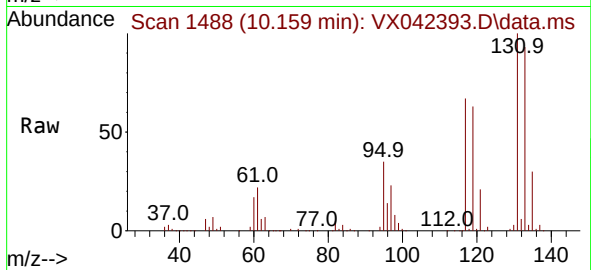
Tgt Ion:112 Resp: 530875
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.4





#65
1,1,1,2-Tetrachloroethane
Concen: 107.133 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

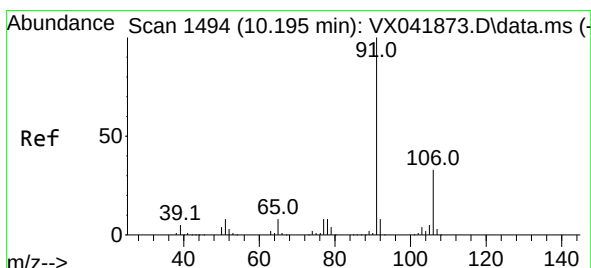
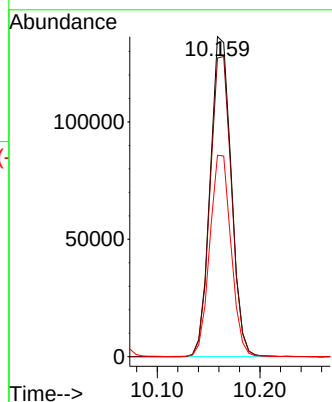
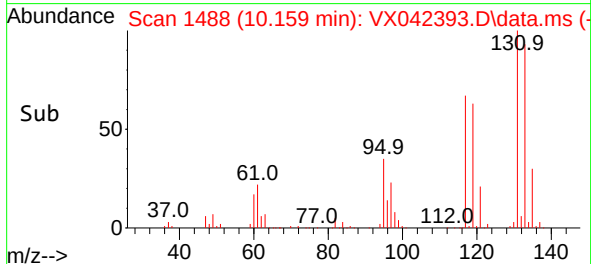
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:131 Resp: 19444
Ion Ratio Lower Upper
131 100
133 95.4 0.0 194.8
119 63.2 0.0 127.6

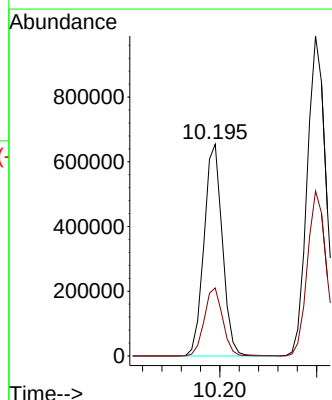
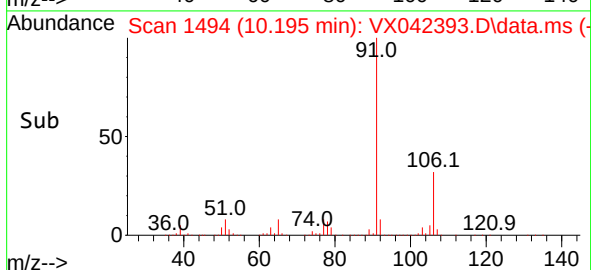
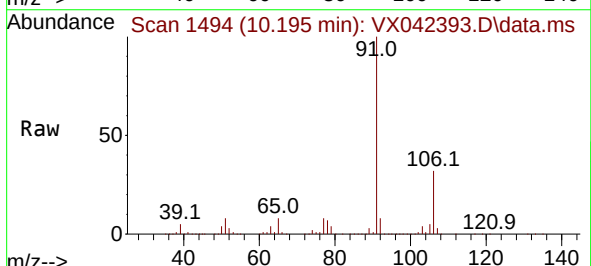
Manual Integrations
APPROVED

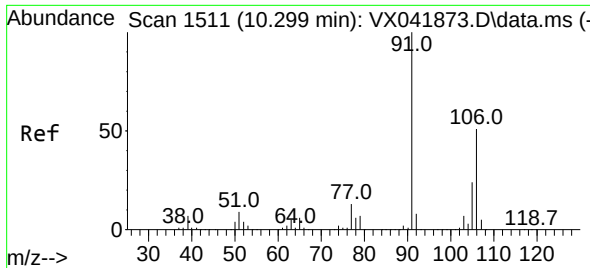
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#66
Ethyl Benzene
Concen: 102.215 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Tgt Ion: 91 Resp: 862403
Ion Ratio Lower Upper
91 100
106 32.1 26.4 39.6





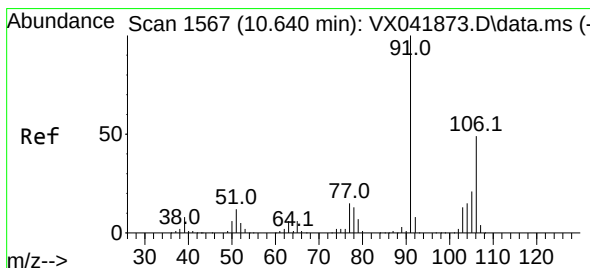
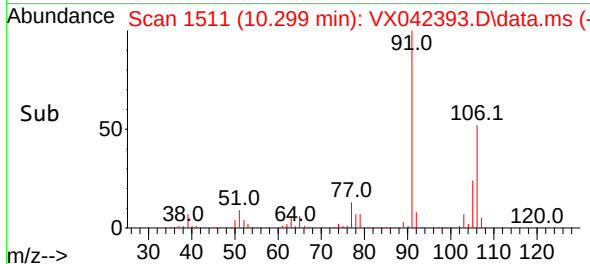
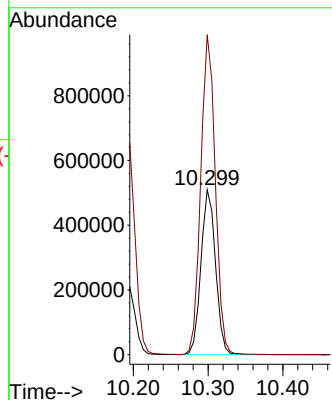
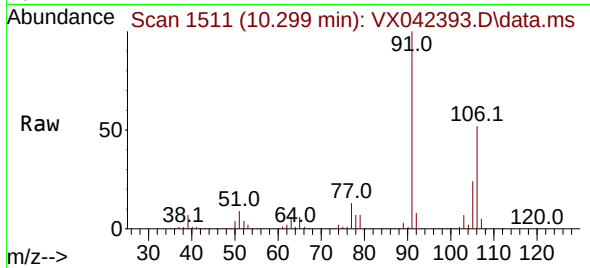
#67
m/p-Xylenes
Concen: 202.937 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 688712
Ion Ratio Lower Upper
106 100
91 193.8 157.0 235.6

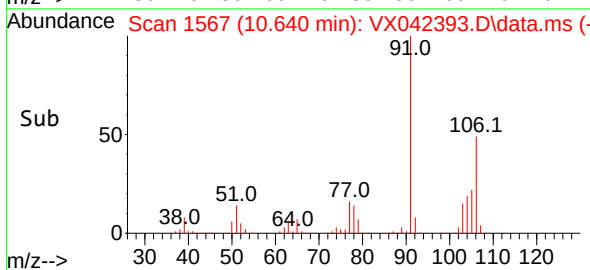
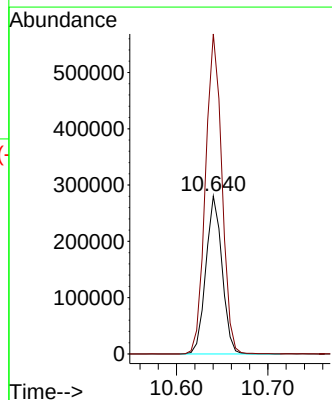
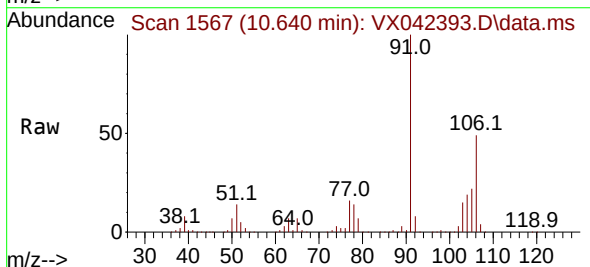
Manual Integrations
APPROVED

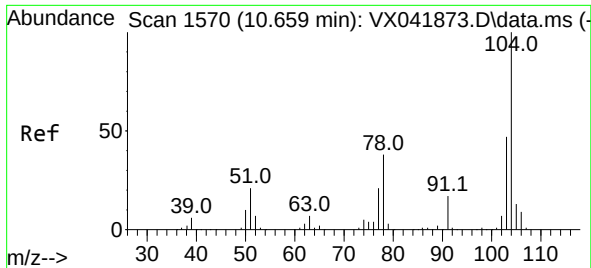
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#68
o-Xylene
Concen: 101.523 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Tgt Ion:106 Resp: 343506
Ion Ratio Lower Upper
106 100
91 205.6 103.2 309.6





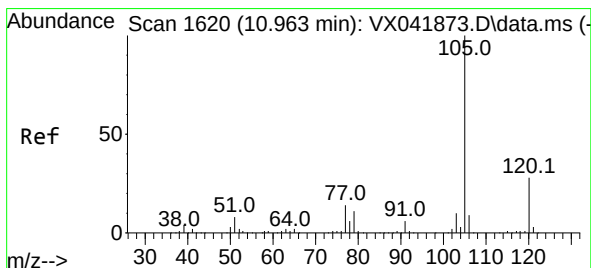
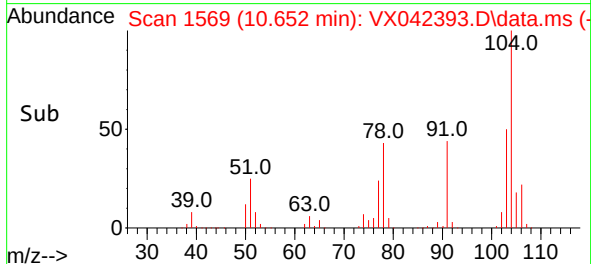
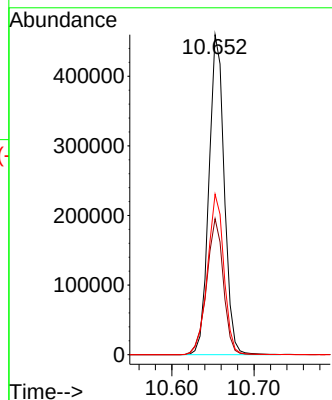
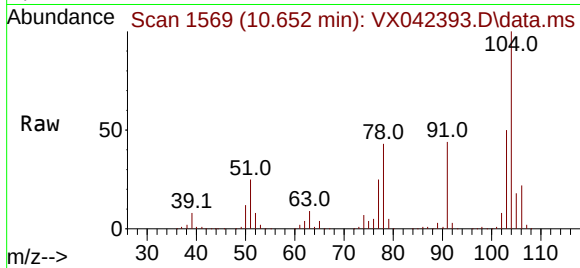
#69
Styrene
Concen: 105.447 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:104 Resp: 59621
Ion Ratio Lower Upper
104 100
78 46.3 36.5 54.7
103 53.9 43.4 65.2

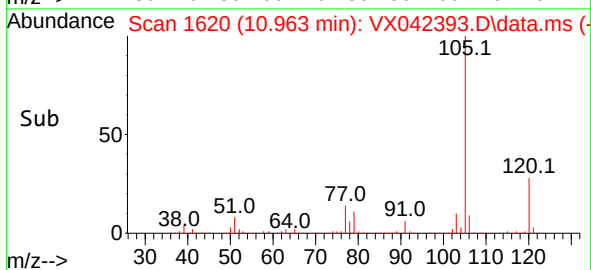
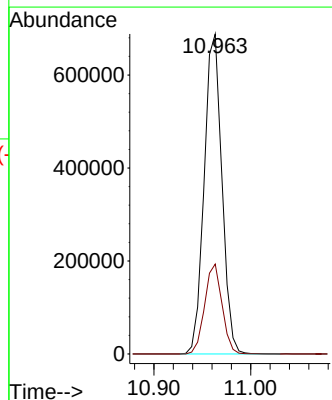
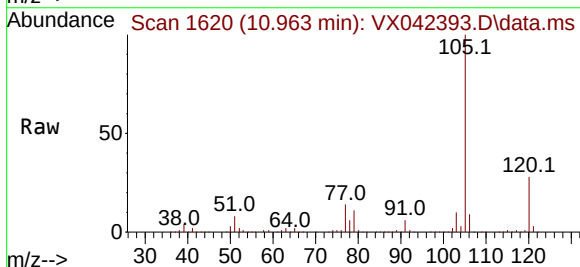
Manual Integrations
APPROVED

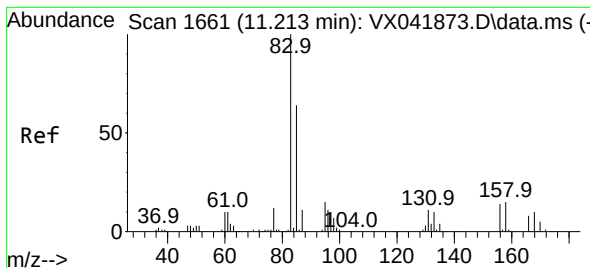
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#70
Isopropylbenzene
Concen: 103.379 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Tgt Ion:105 Resp: 879490
Ion Ratio Lower Upper
105 100
120 27.5 19.2 35.6





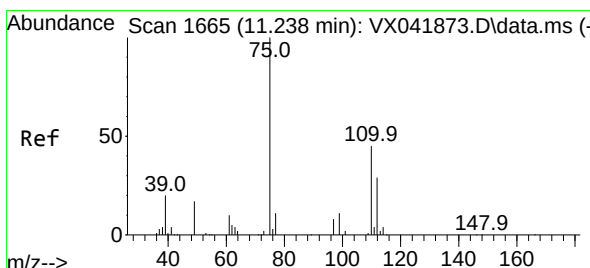
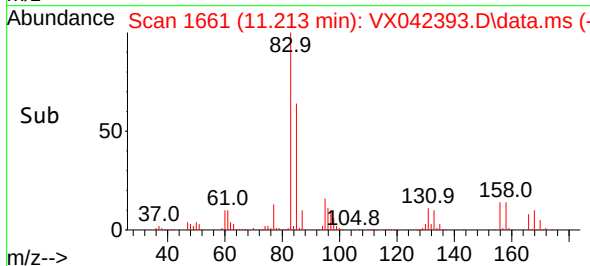
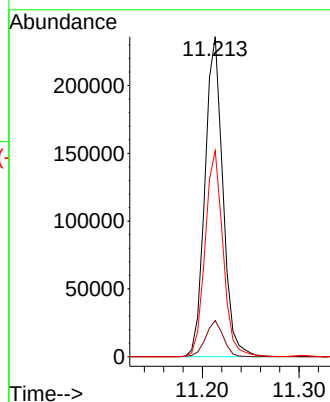
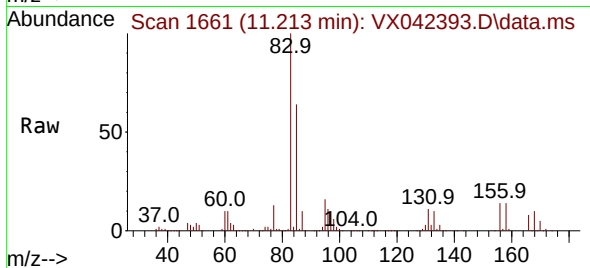
#71
1,1,2,2-Tetrachloroethane
Concen: 103.549 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 30487
Ion Ratio Lower Upper
83 100
131 11.1 5.5 16.7
85 64.3 32.6 97.7

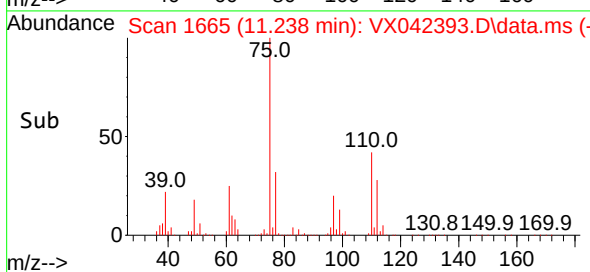
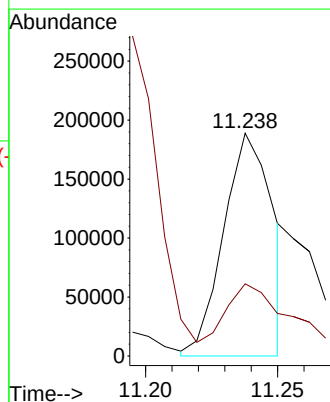
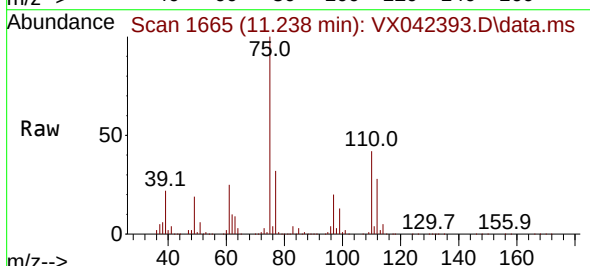
Manual Integrations
APPROVED

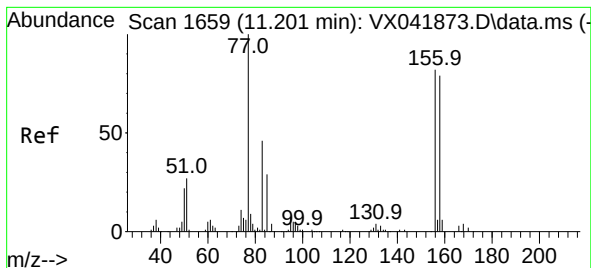
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#72
1,2,3-Trichloropropane
Concen: 102.041 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Tgt Ion: 75 Resp: 243340
Ion Ratio Lower Upper
75 100
77 44.7 0.0 79.6





#73

Bromobenzene

Concen: 101.798 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX042393.D

Acq: 19 Jul 2024 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

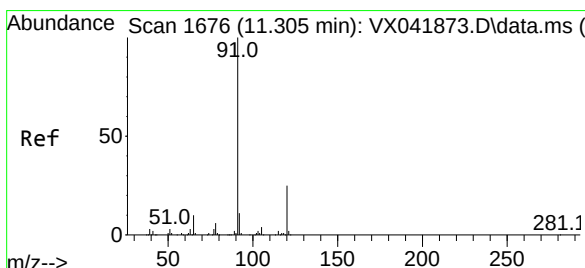
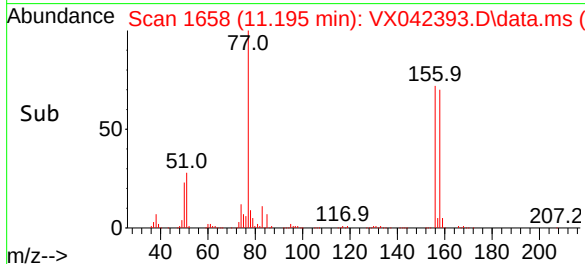
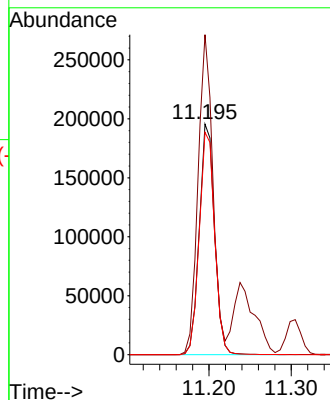
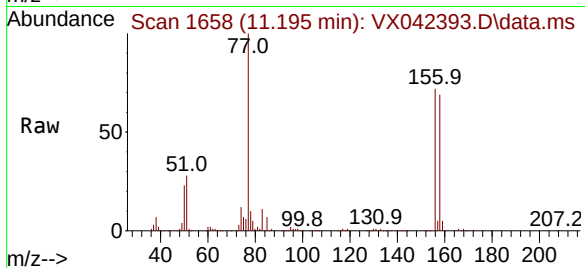
Tgt Ion:	156	Resp:	25261
Ion Ratio	Lower	Upper	
156	100		
77	134.5	0.0	266.2
158	97.6	0.0	195.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#74

n-propylbenzene

Concen: 106.985 ug/l

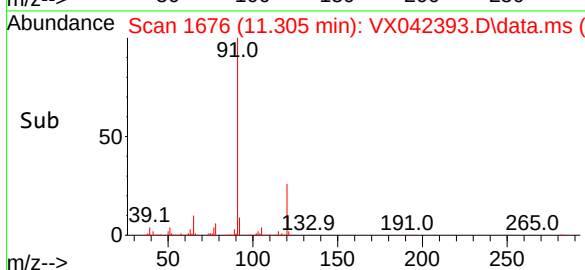
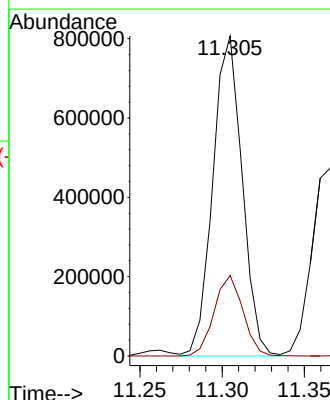
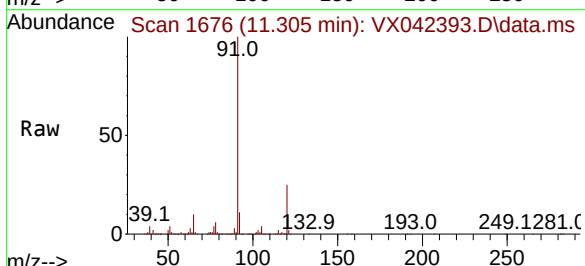
RT: 11.305 min Scan# 1676

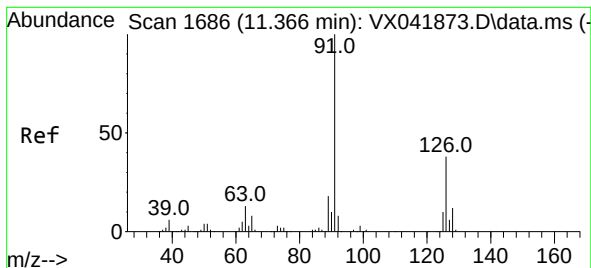
Delta R.T. -0.000 min

Lab File: VX042393.D

Acq: 19 Jul 2024 10:33

Tgt Ion:	91	Resp:	999818
Ion Ratio	Lower	Upper	
91	100		
120	24.7	0.0	49.6





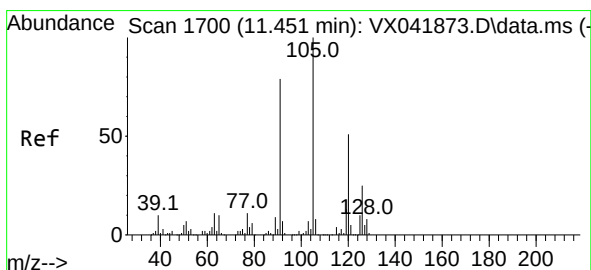
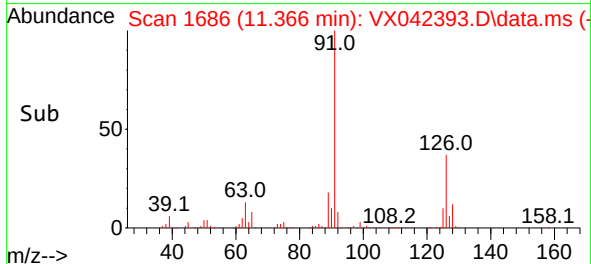
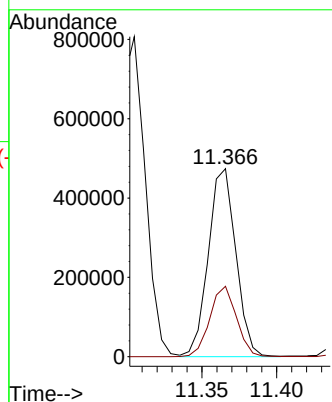
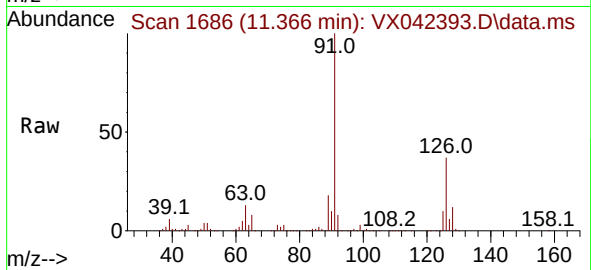
#75
2-Chlorotoluene
Concen: 102.400 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 607678
Ion Ratio Lower Upper
91 100
126 36.2 0.0 72.6

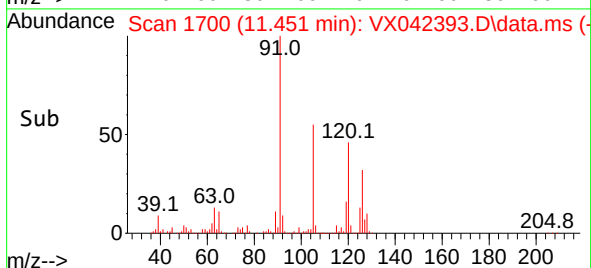
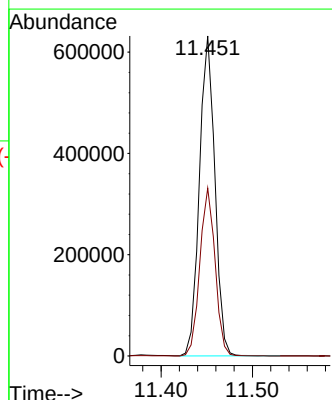
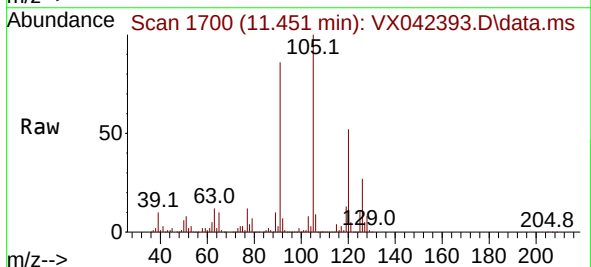
Manual Integrations
APPROVED

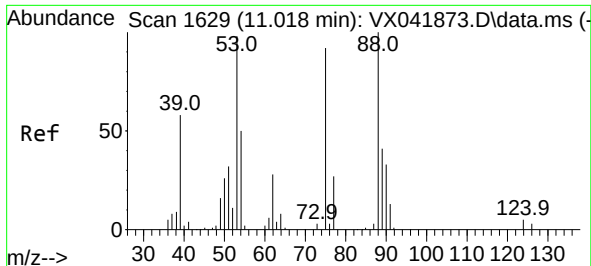
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#76
1,3,5-Trimethylbenzene
Concen: 104.081 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Tgt Ion:105 Resp: 741817
Ion Ratio Lower Upper
105 100
120 51.8 0.0 103.0





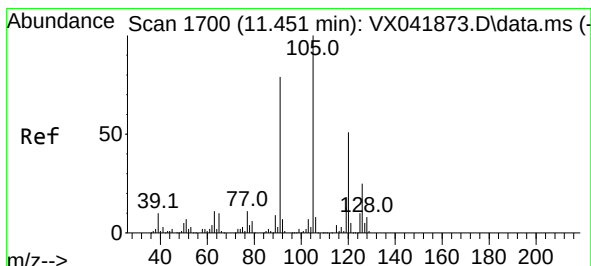
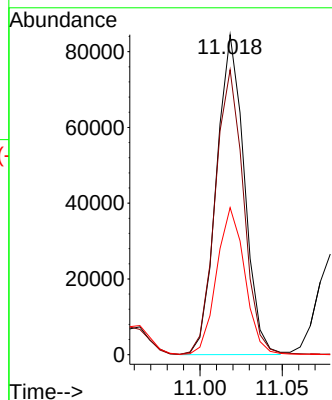
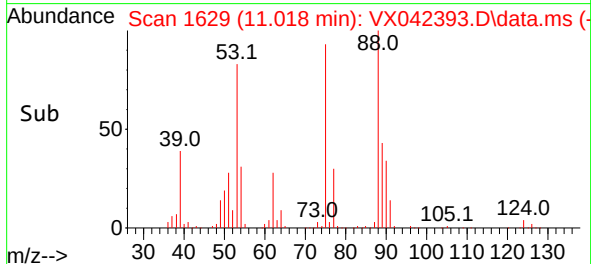
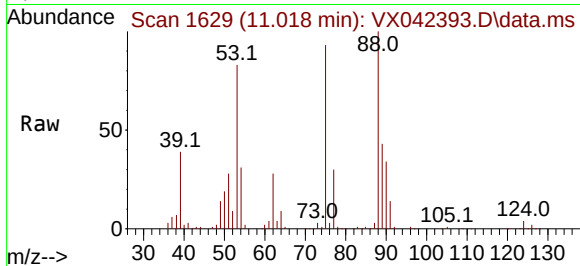
#77
t-1,4-Dichloro-2-butene
Concen: 112.581 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 99318
Ion Ratio Lower Upper
75 100
53 89.0 53.4 160.2
89 45.9 22.5 67.5

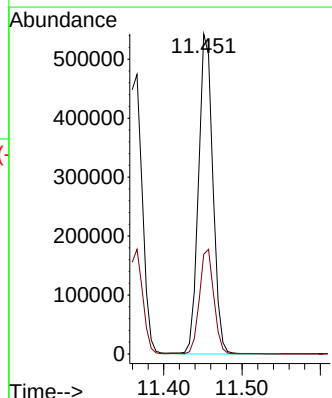
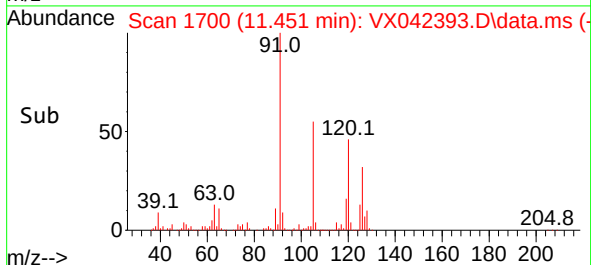
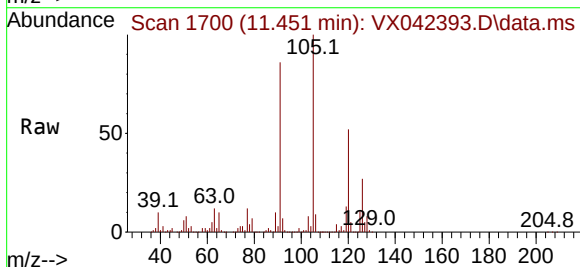
Manual Integrations
APPROVED

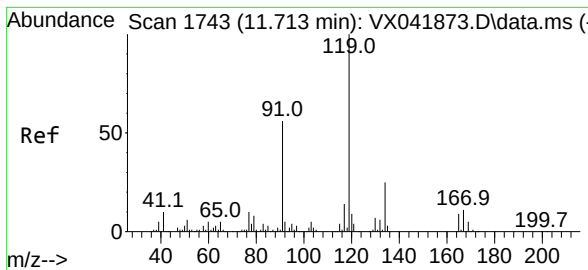
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#78
4-Chlorotoluene
Concen: 104.903 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Tgt Ion: 91 Resp: 691549
Ion Ratio Lower Upper
91 100
126 32.8 0.0 64.8





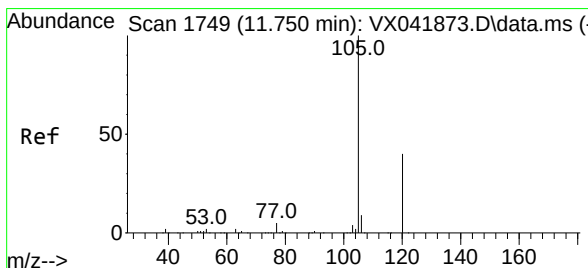
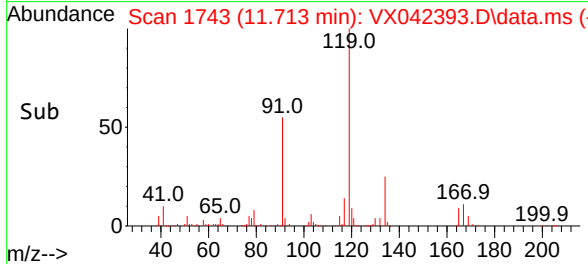
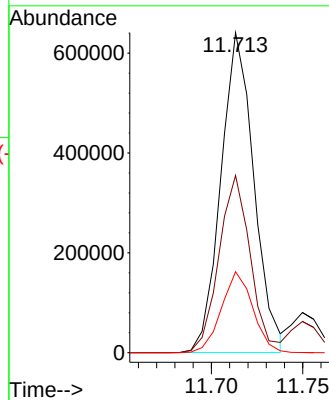
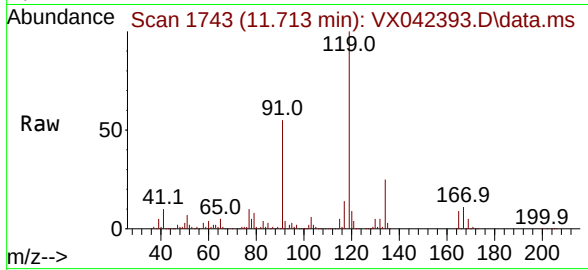
#79
tert-butylbenzene
Concen: 106.495 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:119 Resp: 805678
Ion Ratio Lower Upper
119 100
91 52.9 0.0 106.0
134 24.1 0.0 49.4

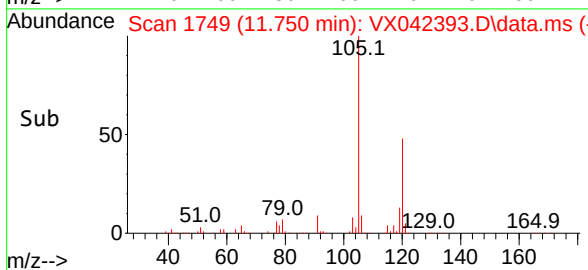
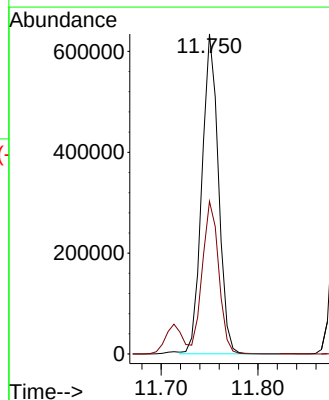
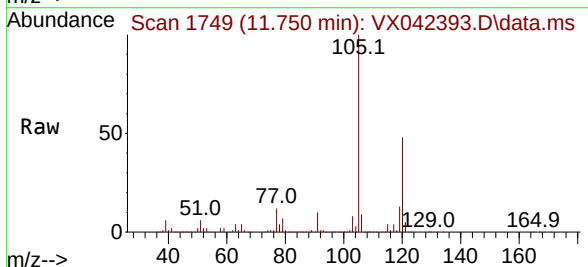
Manual Integrations
APPROVED

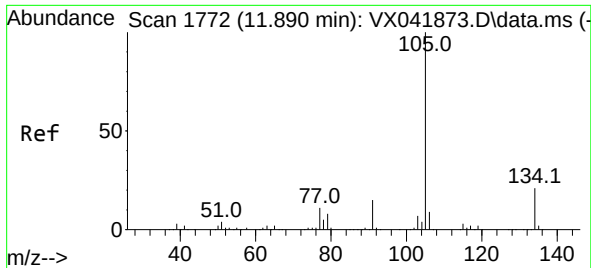
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#80
1,2,4-Trimethylbenzene
Concen: 105.538 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Tgt Ion:105 Resp: 751479
Ion Ratio Lower Upper
105 100
120 47.2 0.0 96.2





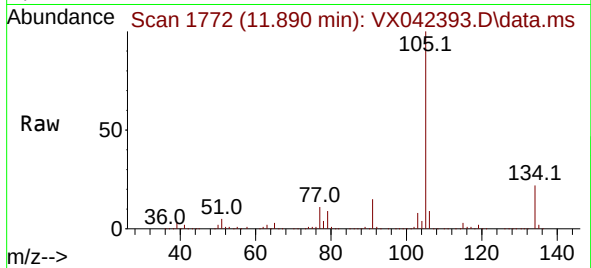
#81
sec-Butylbenzene
Concen: 107.218 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100



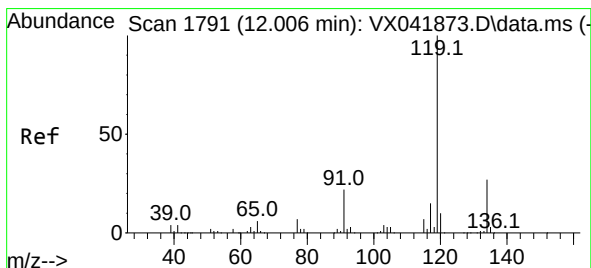
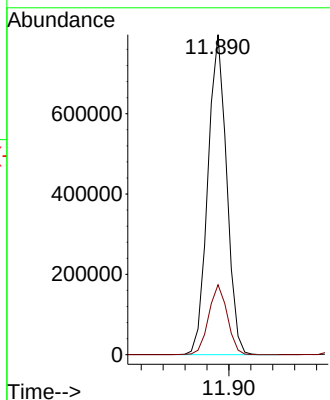
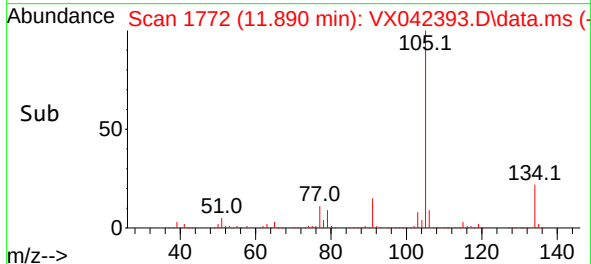
Tgt Ion:105 Resp: 946090
Ion Ratio Lower Upper
105 100
134 21.7 0.0 43.2

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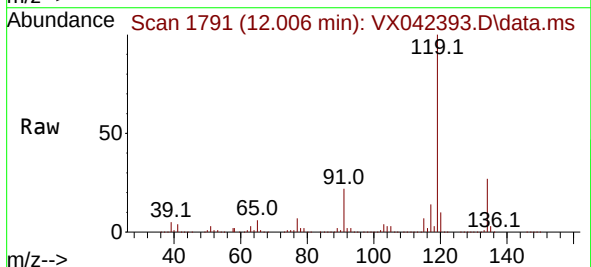
APPROVED

Reviewed By :John Carlone 07/19/2024

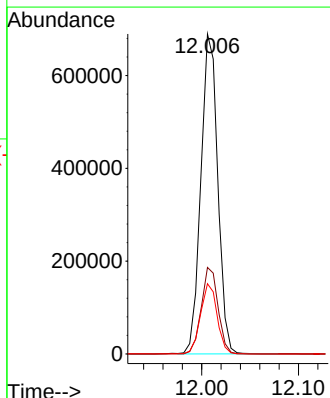
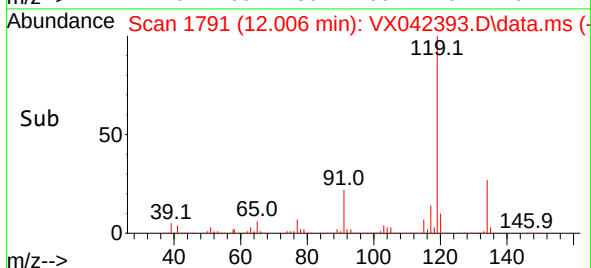
Supervised By :Mahesh Dadoda 07/22/2024

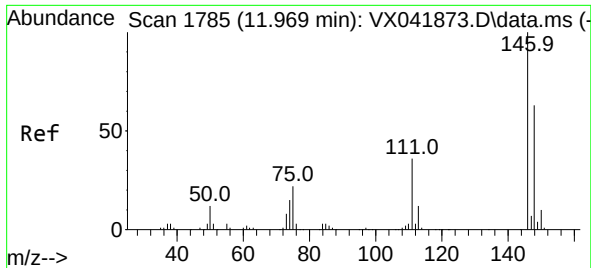


#82
p-Isopropyltoluene
Concen: 108.314 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33



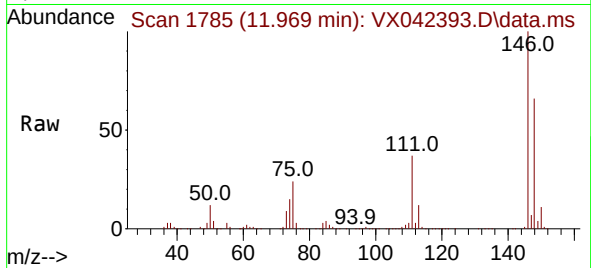
Tgt Ion:119 Resp: 837543
Ion Ratio Lower Upper
119 100
134 26.8 0.0 54.0
91 21.6 0.0 42.2





#83
1,3-Dichlorobenzene
Concen: 104.325 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

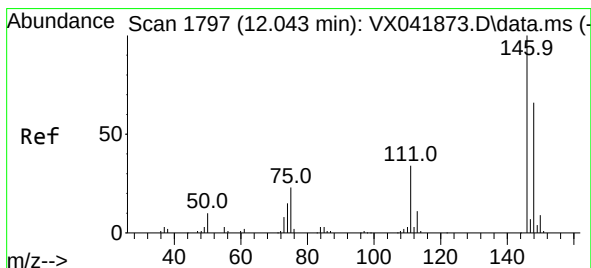
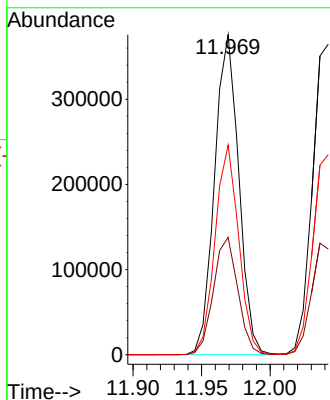
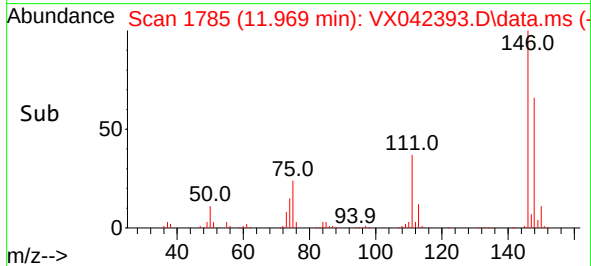
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



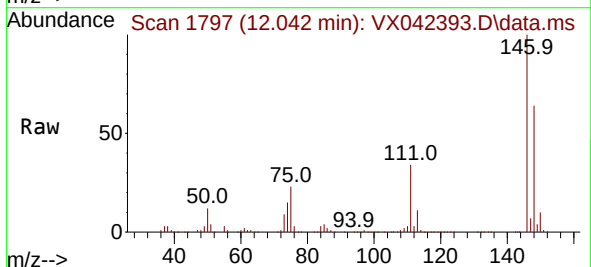
Tgt Ion:146 Resp: 461594
Ion Ratio Lower Upper
146 100
111 37.0 18.0 54.0
148 64.1 31.9 95.7

Manual Integrations
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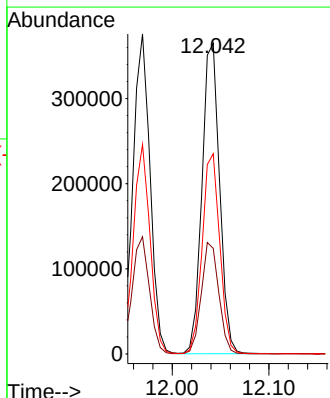
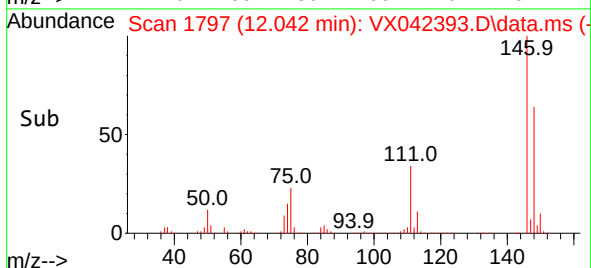
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

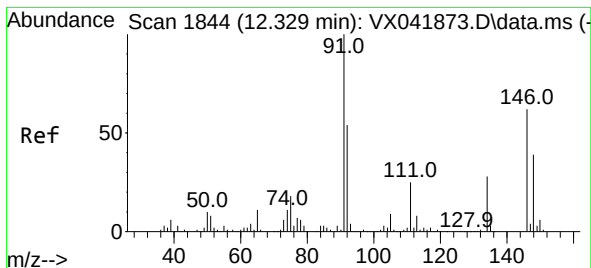


#84
1,4-Dichlorobenzene
Concen: 105.139 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33



Tgt Ion:146 Resp: 463052
Ion Ratio Lower Upper
146 100
111 35.7 17.4 52.3
148 64.2 32.3 96.9





#85

n-Butylbenzene

Concen: 114.583 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX042393.D

Acq: 19 Jul 2024 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 68514

Ion Ratio Lower Upper

91 100

92 55.4 0.0 109.8

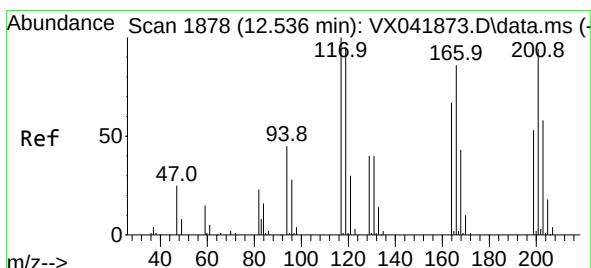
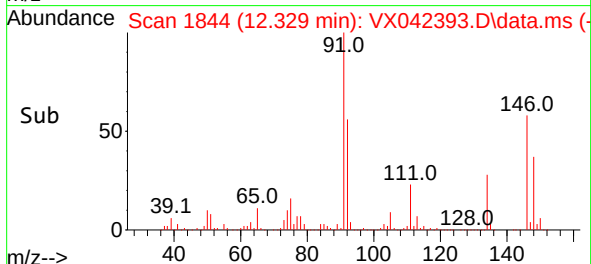
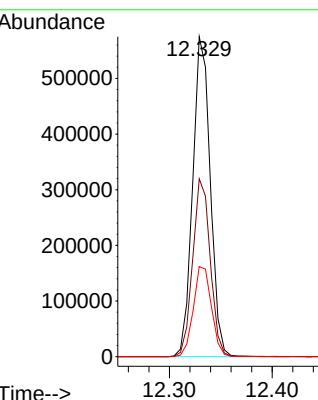
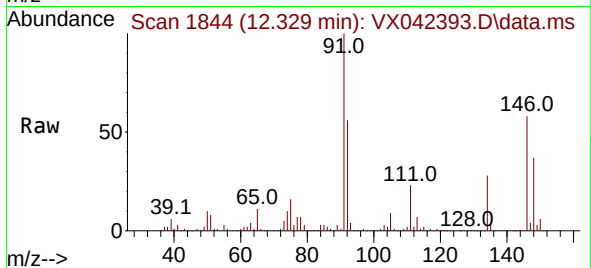
134 29.1 0.0 58.4

Manual Integrations

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Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#86

Hexachloroethane

Concen: 114.959 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX042393.D

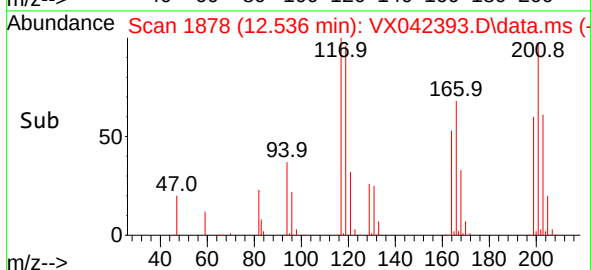
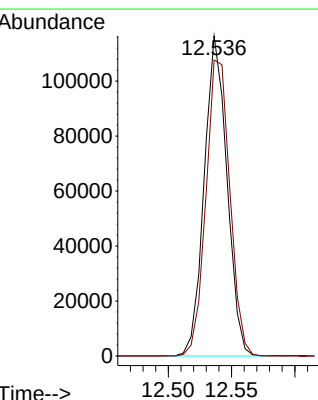
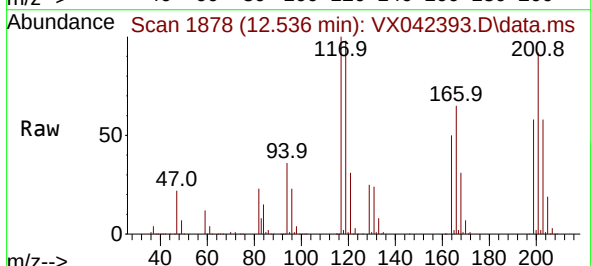
Acq: 19 Jul 2024 10:33

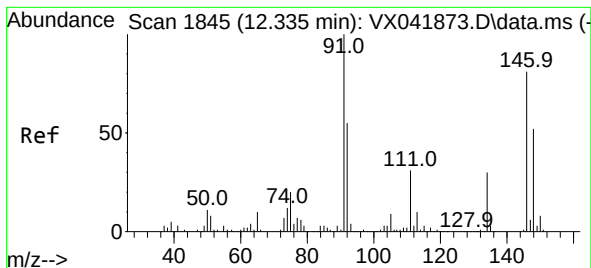
Tgt Ion:117 Resp: 145169

Ion Ratio Lower Upper

117 100

201 97.6 48.9 146.8





#87

1,2-Dichlorobenzene

Concen: 104.125 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX042393.D

Acq: 19 Jul 2024 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 465928

Ion Ratio Lower Upper

146 100

111 38.3 19.1 57.3

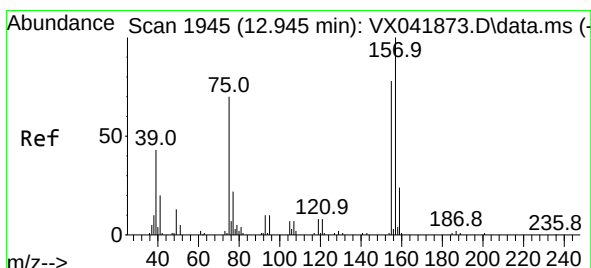
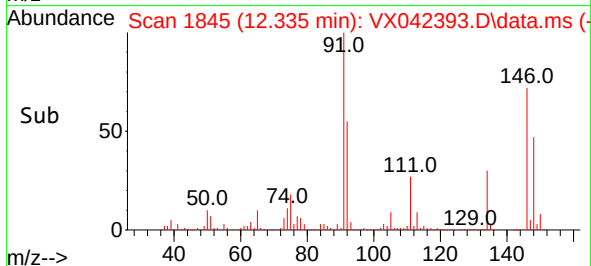
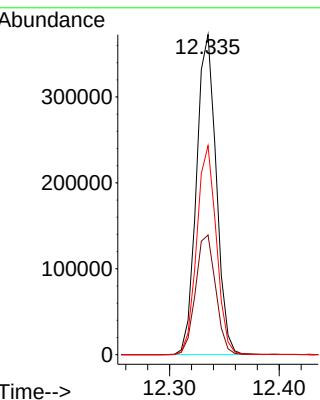
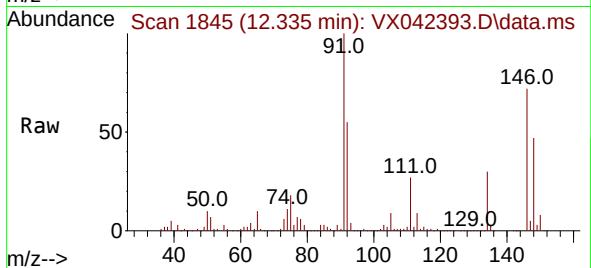
148 64.4 32.4 97.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 110.304 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX042393.D

Acq: 19 Jul 2024 10:33

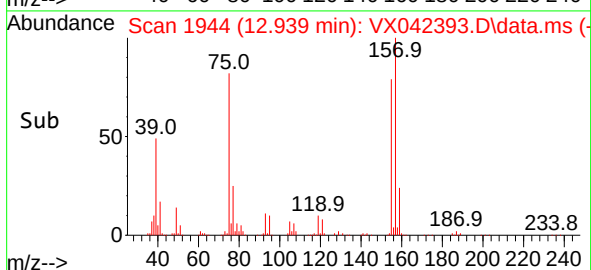
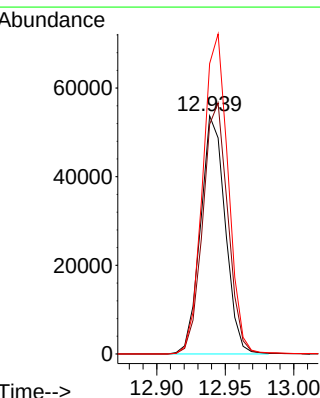
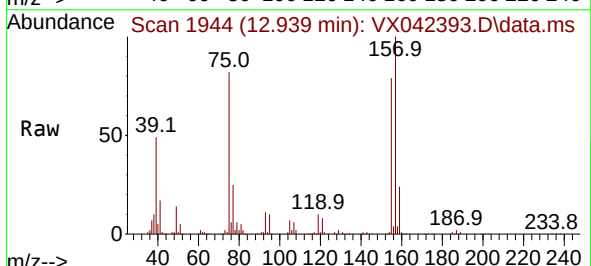
Tgt Ion: 75 Resp: 67175

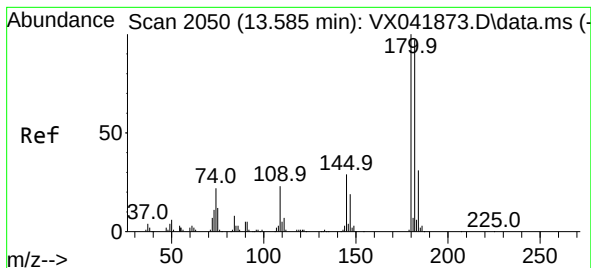
Ion Ratio Lower Upper

75 100

155 106.9 88.6 133.0

157 137.9 112.8 169.2





#89

1,2,4-Trichlorobenzene

Concen: 110.234 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX042393.D

Acq: 19 Jul 2024 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:180 Resp: 33390

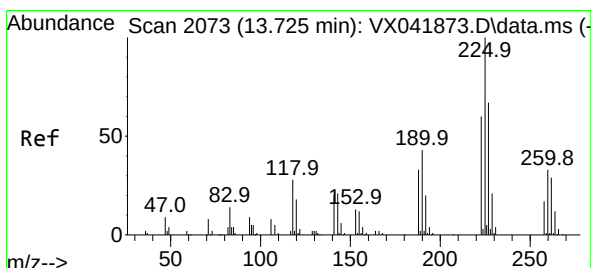
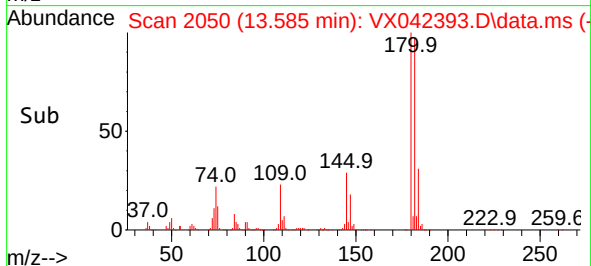
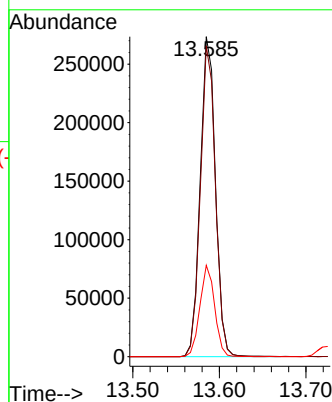
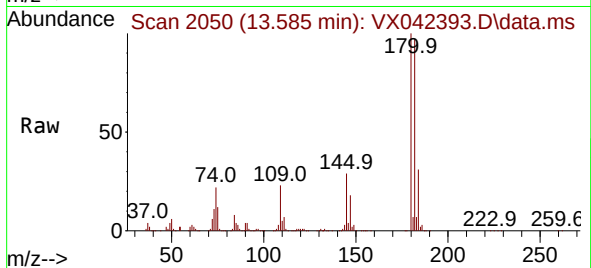
Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.9	115.3
145	27.7	22.8	34.2

Manual Integrations

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Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#90

Hexachlorobutadiene

Concen: 105.709 ug/l

RT: 13.725 min Scan# 2073

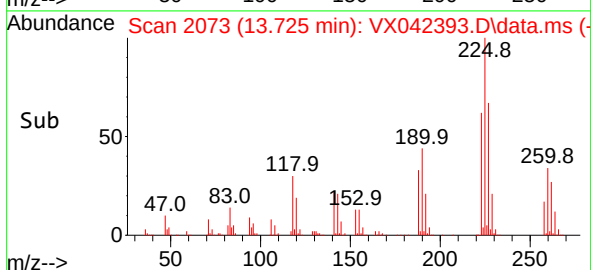
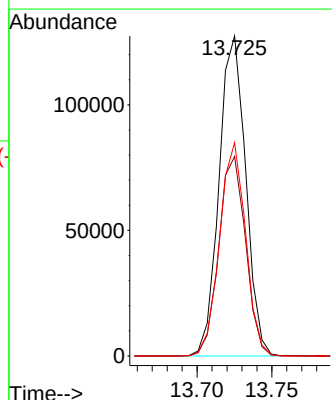
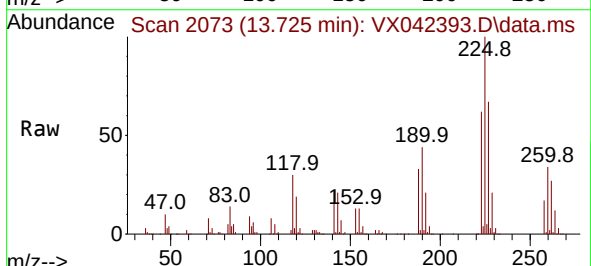
Delta R.T. -0.000 min

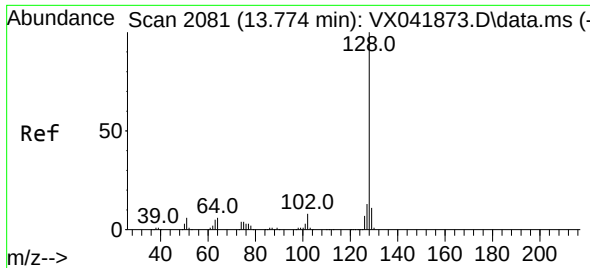
Lab File: VX042393.D

Acq: 19 Jul 2024 10:33

Tgt Ion:225 Resp: 157780

Ion	Ratio	Lower	Upper
225	100		
223	62.7	0.0	120.8
227	65.1	0.0	126.6





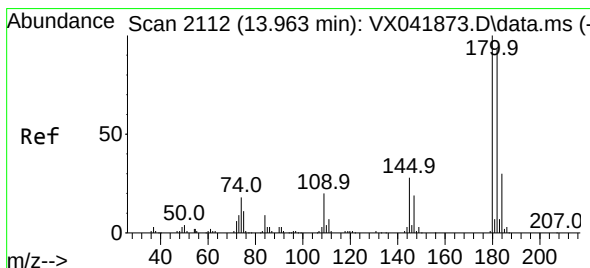
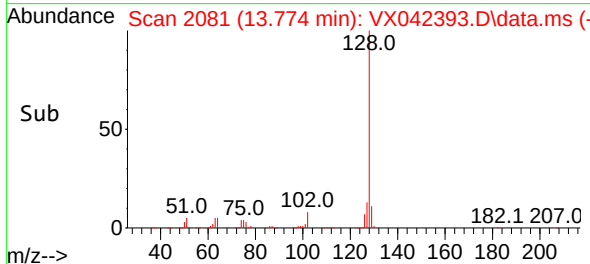
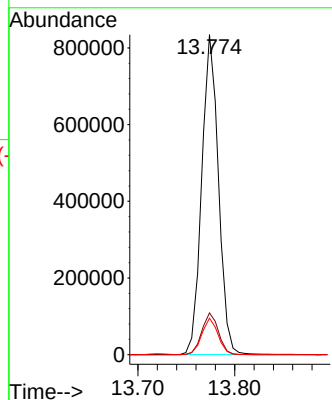
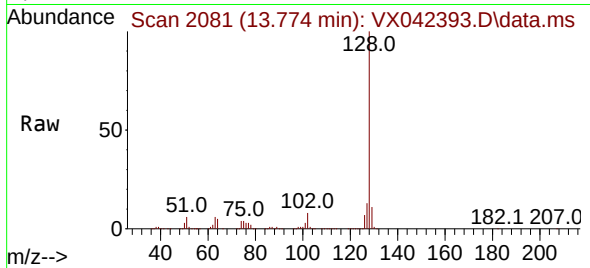
#91
Naphthalene
Concen: 109.527 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 1002420
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.2 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#92
1,2,3-Trichlorobenzene
Concen: 108.260 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX042393.D
Acq: 19 Jul 2024 10:33

Tgt Ion:180 Resp: 339609
Ion Ratio Lower Upper
180 100
182 95.8 0.0 187.8
145 29.7 0.0 58.4

