

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071924\
 Data File : VX042392.D
 Acq On : 19 Jul 2024 10:10
 Operator : JC/MD
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Manual Integrations
 APPROVED

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

Quant Time: Jul 19 10:47:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 10:46:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	29796	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	162779	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	155581	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	61169	29.822	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 99.400%			
60) 4-Bromofluorobenzene	11.079	95	73343	30.455	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.500%			
63) Toluene-d8	8.647	98	201820	30.320	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.067%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	80636	41.807	ug/l	98
3) Chloromethane	1.294	50	83656	38.800	ug/l	97
4) Vinyl Chloride	1.374	62	83118	39.421	ug/l	99
5) Bromomethane	1.599	94	41131	36.492	ug/l	98
6) Chloroethane	1.666	64	37345	41.456	ug/l	98
7) Trichlorofluoromethane	1.874	101	103705	39.055	ug/l	99
8) Diethyl Ether	2.136	74	44368	38.609	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	80432	44.557	ug/l	99
10) 1,1-Dichloroethene	2.313	96	76590	42.060	ug/l	97
11) Methyl Iodide	2.447	142	91123	38.448	ug/l	98
12) Methyl Acetate	2.709	43	134767	58.049	ug/l	99
13) Acrolein	2.239	56	80931	172.886	ug/l	98
14) Acrylonitrile	3.069	53	247606	224.706	ug/l	99
15) Acetone	2.392	58	66054	209.549	ug/l	99
16) Carbon Disulfide	2.502	76	149262	37.402	ug/l	99
17) Allyl chloride	2.660	41	130342	47.131	ug/l	97
18) Methylene Chloride	2.788	84	88765	42.498	ug/l	97
19) trans-1,2-Dichloroethene	3.087	96	77740	42.617	ug/l	96
20) Diisopropyl ether	3.764	45	264070	46.455	ug/l	99
21) 1,1-Dichloroethane	3.605	63	148155	45.628	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	99696	45.149	ug/l	98
23) tert-Butyl Alcohol	2.995	59	92912	226.794	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	260657	46.274	ug/l	99
25) Chloroform	5.093	83	153688	46.573	ug/l	100
26) Cyclohexane	5.464	56	121685	43.147	ug/l #	100
29) 1,1-Dichloropropene	5.690	75	100564	47.334	ug/l	97
30) 2-Butanone	4.562	43	336009	236.699	ug/l	99
31) 2,2-Dichloropropane	4.477	77	115841	49.762	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	130352	48.403	ug/l	99
33) Carbon Tetrachloride	5.672	117	115153	49.578	ug/l	98
34) Benzene	6.038	78	332675	47.006	ug/l	99
35) Methacrylonitrile	4.922	41	69567	48.790	ug/l	97
36) 1,2-Dichloroethane	6.086	62	108719	49.310	ug/l	98
37) Trichloroethene	7.123	130	89446	46.270	ug/l	97
38) Methylcyclohexane	7.379	83	128548	45.680	ug/l	99
39) 1,2-Dichloropropane	7.428	63	82750	49.085	ug/l	100
40) Dibromomethane	7.580	93	59267	47.523	ug/l	99
41) Bromodichloromethane	7.824	83	111694	49.993	ug/l	100
42) Vinyl Acetate	3.721	43	1116225	234.915	ug/l	99

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 ClientSampleId :
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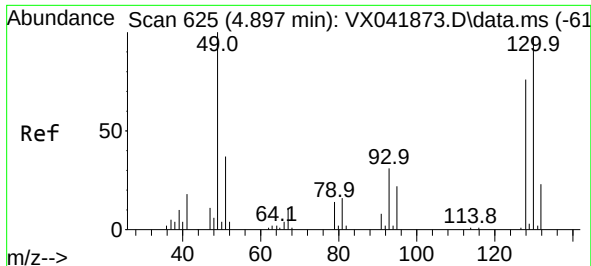
Manual Integrations
 APPROVED

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

Quant Time: Jul 19 10:47:38 2024
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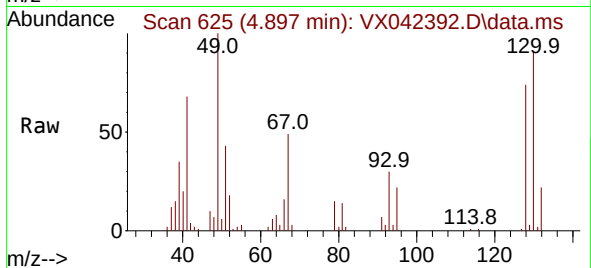
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	121696	45.721	ug/l	97
44) Isopropyl Acetate	6.342	43	191773	48.104	ug/l	99
45) 1,4-Dioxane	7.665	88	42799	880.737	ug/l	93
46) Methyl methacrylate	7.696	41	95763	49.129	ug/l	99
47) n-amyl Acetate	10.842	43	174861	48.872	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	112719	49.000	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	127460	49.396	ug/l	99
50) 1,1,2-Trichloroethane	9.153	97	87808	48.422	ug/l	99
51) Ethyl methacrylate	9.116	69	140309	48.707	ug/l	99
52) 1,3-Dichloropropane	9.305	76	142664	48.123	ug/l	99
53) Dibromochloromethane	9.519	129	98809	49.792	ug/l	100
54) 1,2-Dibromoethane	9.610	107	92774	48.515	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	350750	261.589	ug/l	100
56) Bromoform	10.799	173	78629	48.592	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	661173	237.160	ug/l	99
59) 2-Hexanone	9.433	43	506754	235.504	ug/l	100
61) Tetrachloroethene	9.275	164	86563	44.216	ug/l	98
62) Toluene	8.720	91	361287	45.890	ug/l	100
64) Chlorobenzene	10.079	112	247409	46.148	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	88181	47.625	ug/l	99
66) Ethyl Benzene	10.195	91	404162	46.955	ug/l	99
67) m/p-Xylenes	10.299	106	323982	93.578	ug/l	97
68) o-Xylene	10.640	106	161139	46.683	ug/l	99
69) Styrene	10.653	104	276524	47.939	ug/l	99
70) Isopropylbenzene	10.963	105	414596	47.770	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	140908	46.912	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	113445m	46.631	ug/l	
73) Bromobenzene	11.195	156	117586	46.448	ug/l	100
74) n-propylbenzene	11.305	91	459360	48.182	ug/l	100
75) 2-Chlorotoluene	11.366	91	286858	47.383	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	347709	47.821	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	42767	47.520	ug/l	90
78) 4-Chlorotoluene	11.451	91	323034	48.033	ug/l	99
79) tert-butylbenzene	11.713	119	366351	47.467	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	348312	47.950	ug/l	98
81) sec-Butylbenzene	11.890	105	436705	48.512	ug/l	100
82) p-Isopropyltoluene	12.006	119	384638	48.759	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	209392	46.389	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	210165	46.776	ug/l	99
85) n-Butylbenzene	12.329	91	299439	49.088	ug/l	99
86) Hexachloroethane	12.536	117	63419	49.228	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	214127	46.907	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.945	75	29051	46.760	ug/l	97
89) 1,2,4-Trichlorobenzene	13.585	180	144166	46.654	ug/l	100
90) Hexachlorobutadiene	13.725	225	71345	46.855	ug/l	100
91) Naphthalene	13.774	128	445670	47.732	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	148691	46.462	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

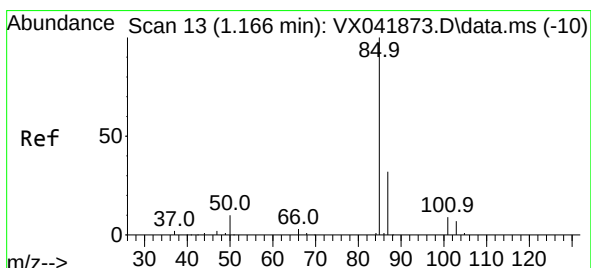
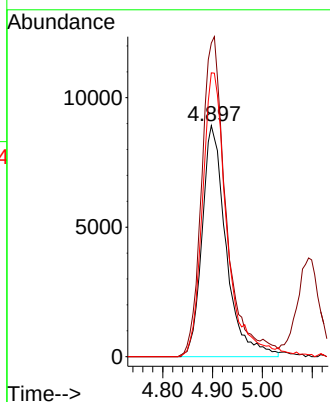
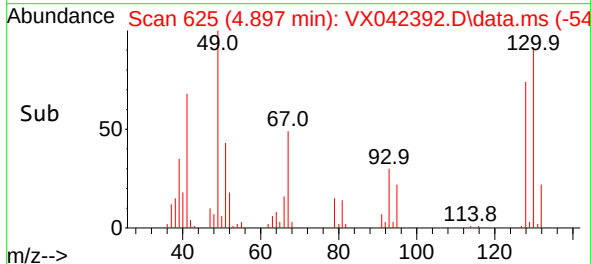
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:128 Resp: 29790
Ion Ratio Lower Upper
128 100
49 138.3 0.0 338.5
130 116.8 0.0 324.5

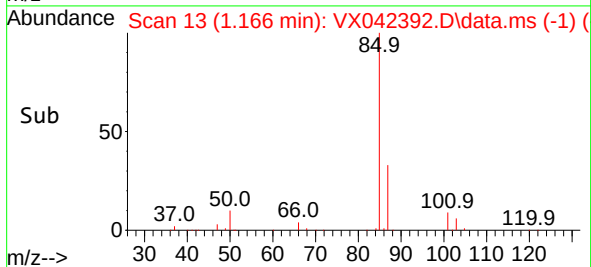
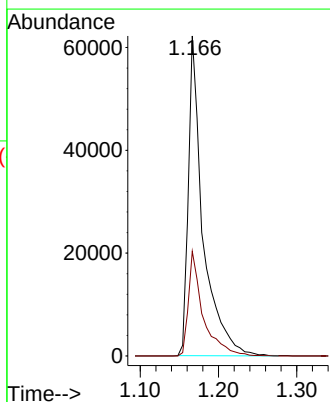
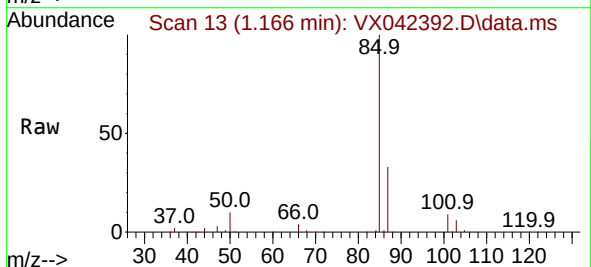
Manual Integrations
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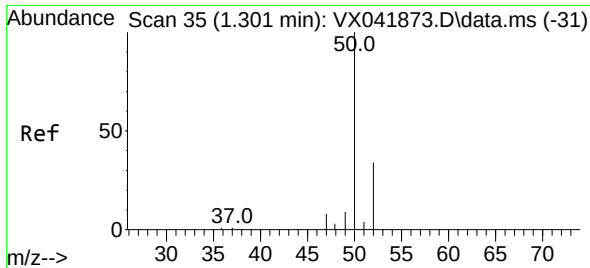
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#2
Dichlorodifluoromethane
Concen: 41.807 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

Tgt Ion: 85 Resp: 80636
Ion Ratio Lower Upper
85 100
87 32.7 15.8 47.3





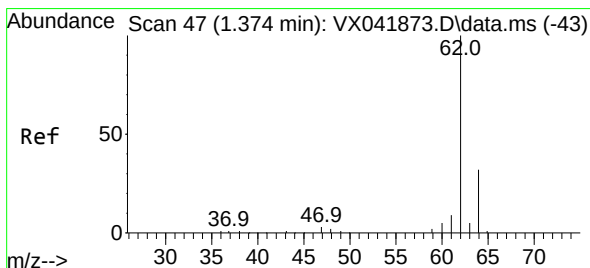
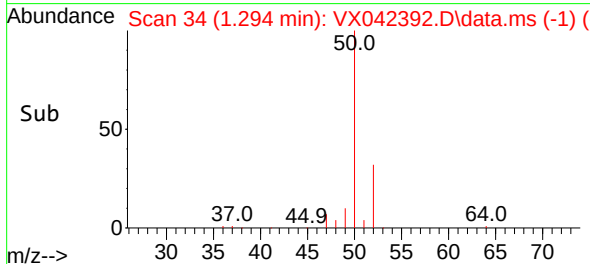
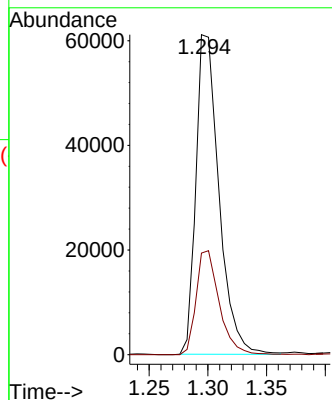
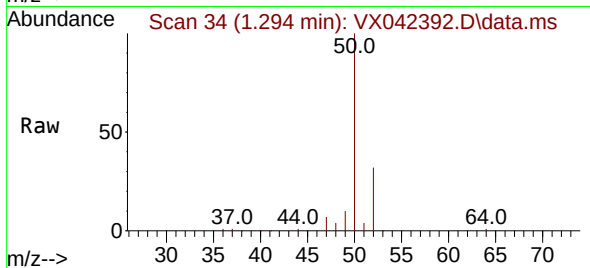
#3
Chloromethane
Concen: 38.800 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 50 Resp: 83650
Ion Ratio Lower Upper
50 100
52 31.8 26.9 40.3

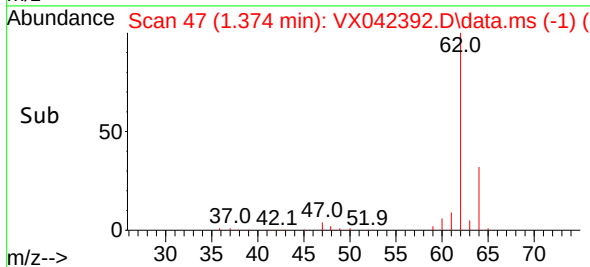
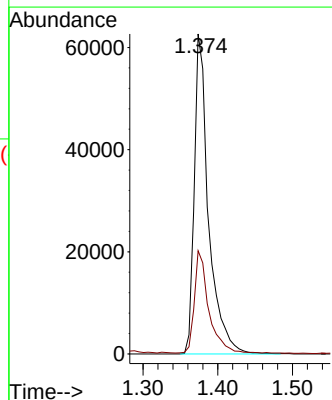
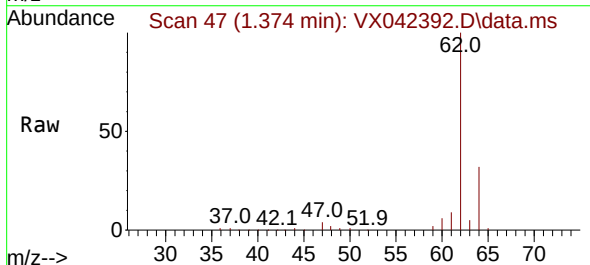
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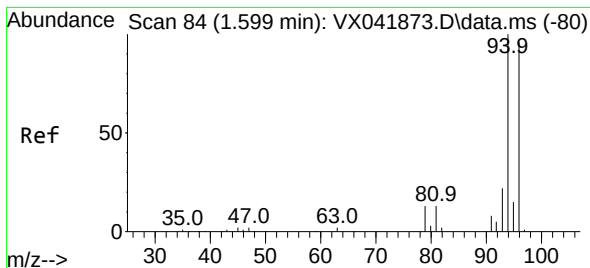
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#4
Vinyl Chloride
Concen: 39.421 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

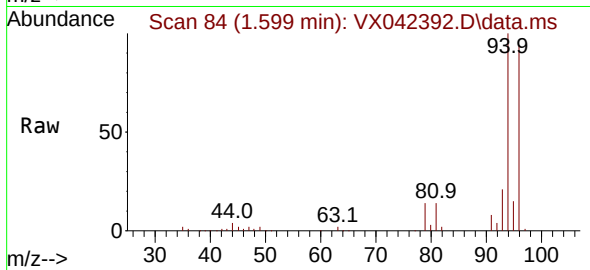
Tgt Ion: 62 Resp: 83118
Ion Ratio Lower Upper
62 100
64 31.9 26.1 39.1





#5
Bromomethane
Concen: 36.492 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

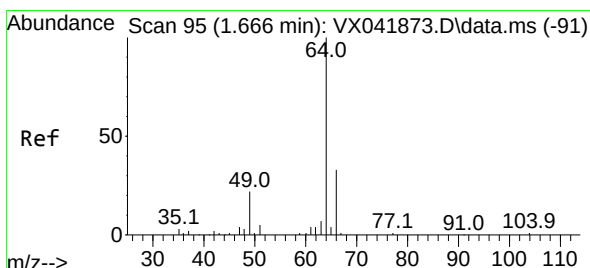
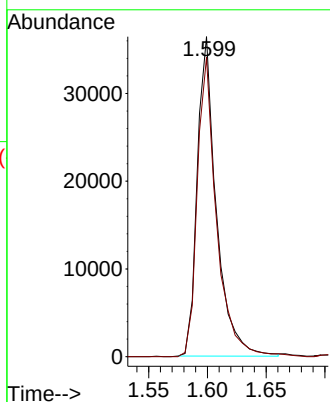
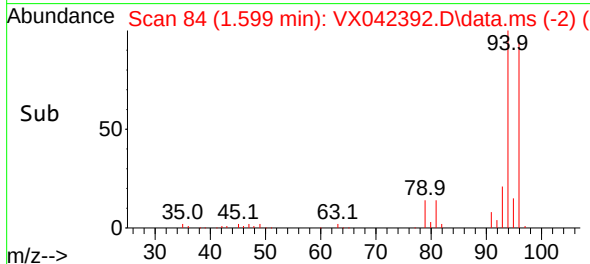
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 94 Resp: 4113
Ion Ratio Lower Upper
94 100
96 93.8 76.6 115.0

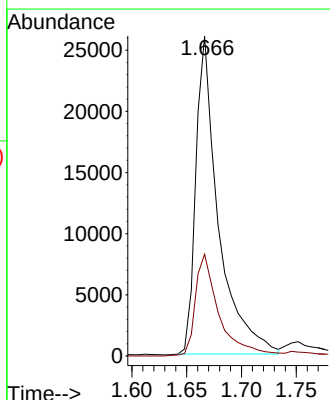
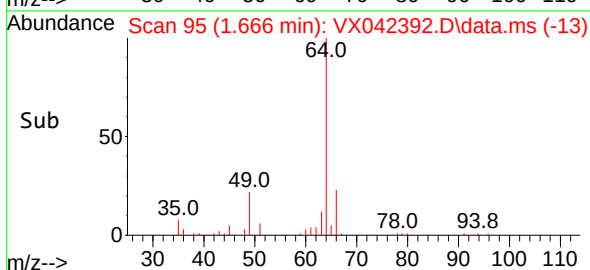
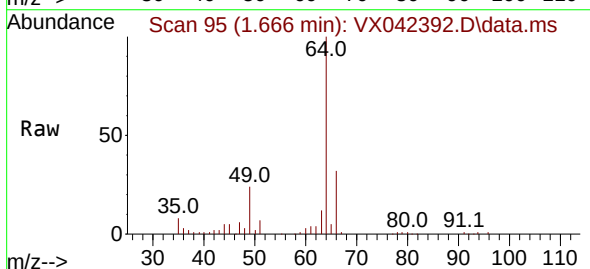
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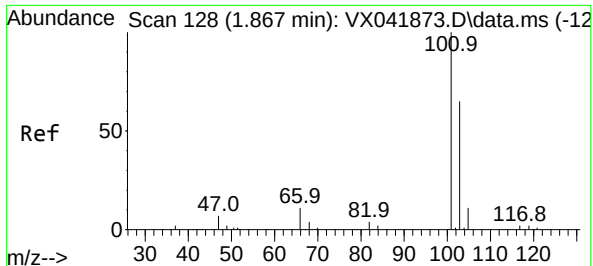
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#6
Chloroethane
Concen: 41.456 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

Tgt Ion: 64 Resp: 37345
Ion Ratio Lower Upper
64 100
66 31.7 26.4 39.6





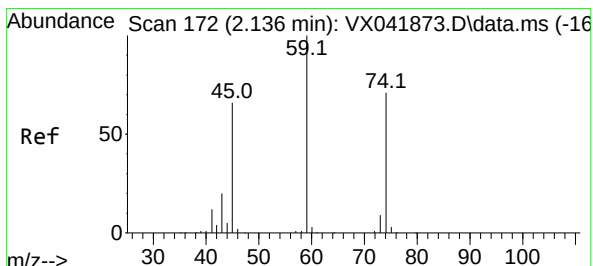
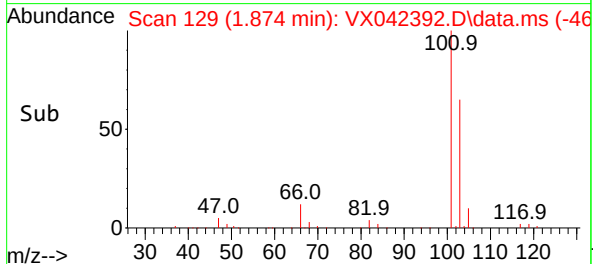
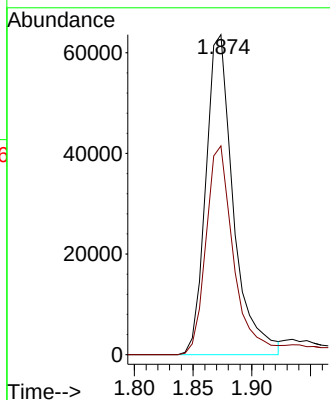
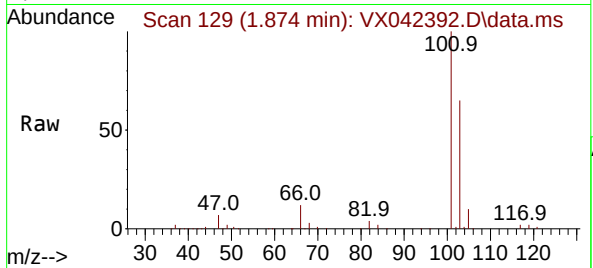
#7
Trichlorofluoromethane
Concen: 39.055 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:101 Resp: 10370
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.8

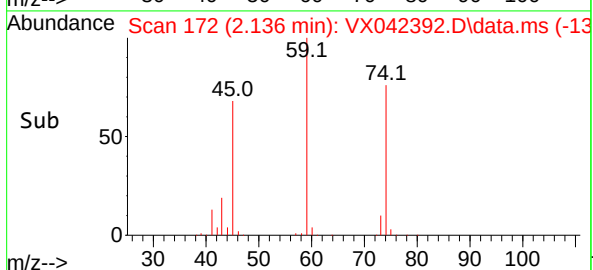
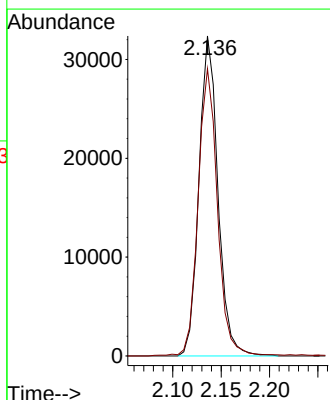
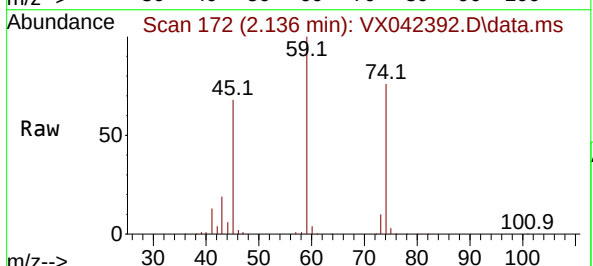
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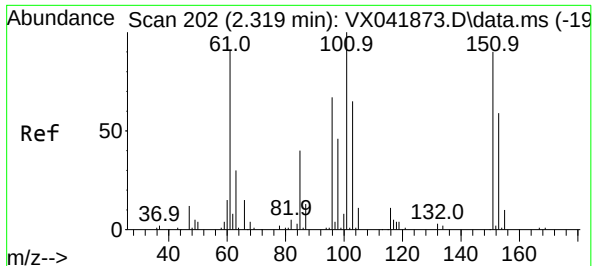
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#8
Diethyl Ether
Concen: 38.609 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

Tgt Ion: 74 Resp: 44368
Ion Ratio Lower Upper
74 100
45 89.9 18.7 168.7





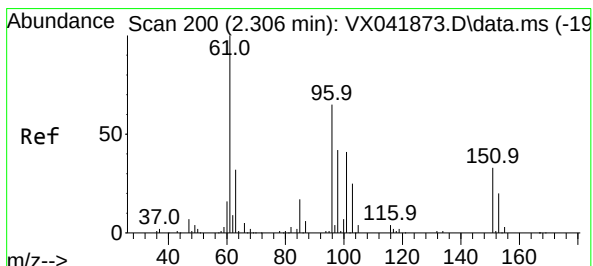
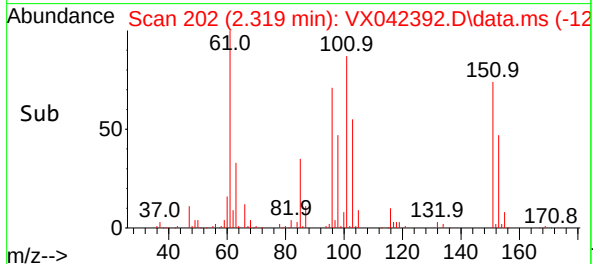
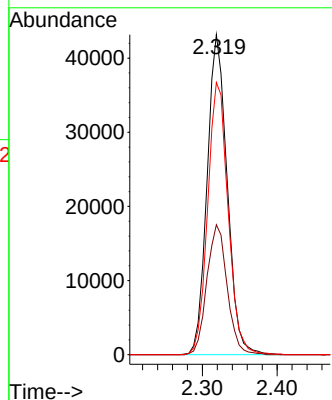
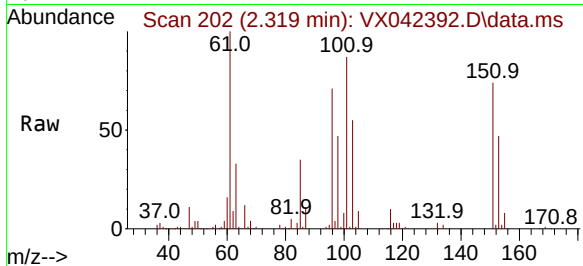
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.557 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:101 Resp: 8043
Ion Ratio Lower Upper
101 100
85 41.1 0.0 80.4
151 86.6 0.0 175.2

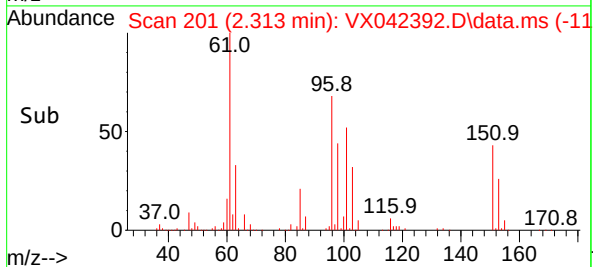
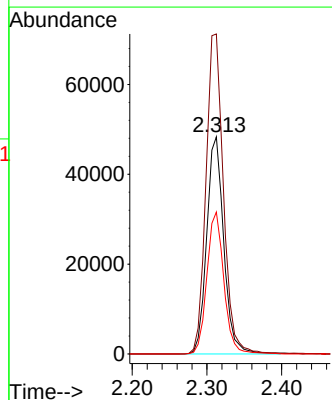
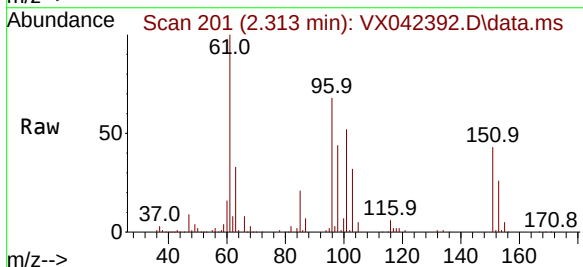
Manual Integrations
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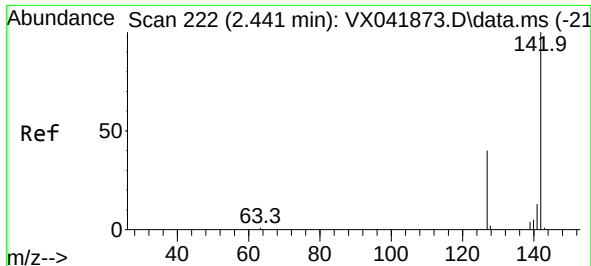
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#10
1,1-Dichloroethene
Concen: 42.060 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

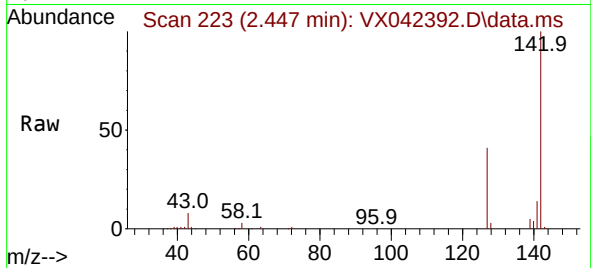
Tgt Ion: 96 Resp: 76590
Ion Ratio Lower Upper
96 100
61 147.4 122.3 183.5
98 65.4 51.5 77.3





#11
Methyl Iodide
Concen: 38.448 ug/l
RT: 2.447 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

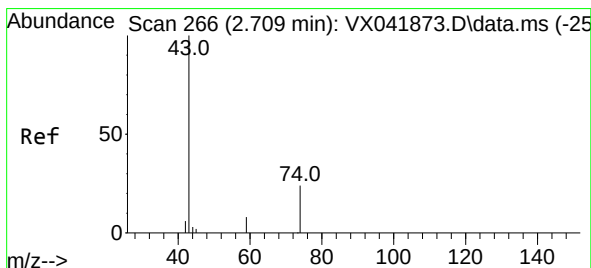
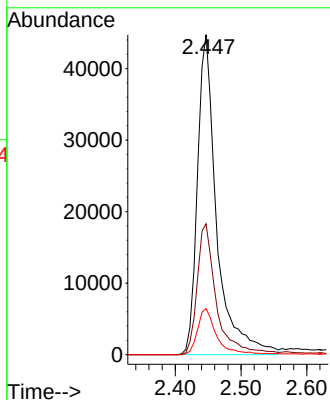
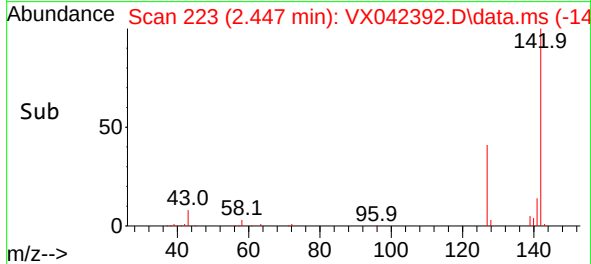
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:142 Resp: 91123
Ion Ratio Lower Upper
142 100
127 40.9 19.8 59.3
141 14.3 6.7 20.1

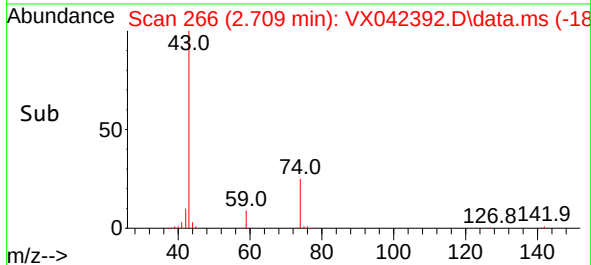
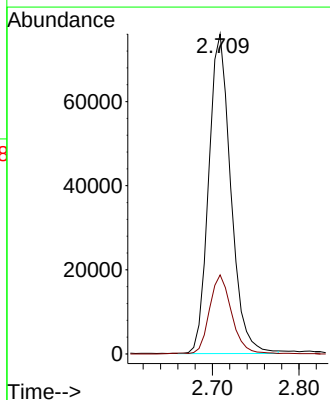
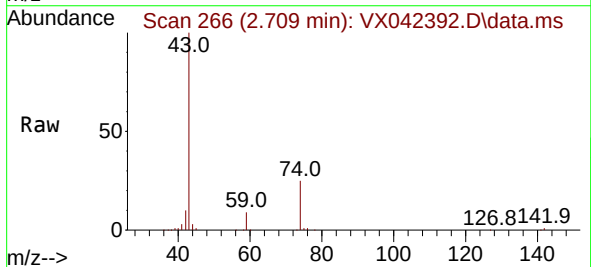
Manual Integrations
APPROVED

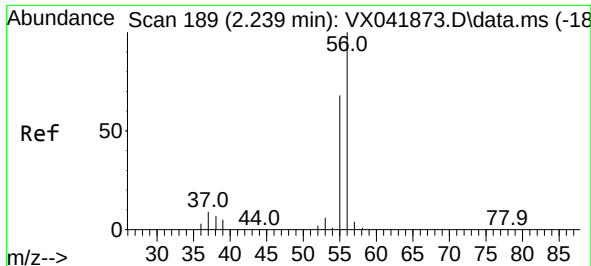
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#12
Methyl Acetate
Concen: 58.049 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

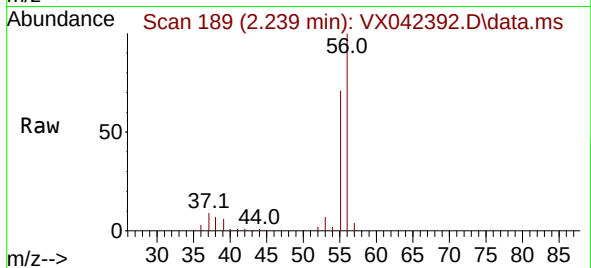
Tgt Ion: 43 Resp: 134767
Ion Ratio Lower Upper
43 100
74 24.6 19.4 29.2





#13
Acrolein
Concen: 172.886 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

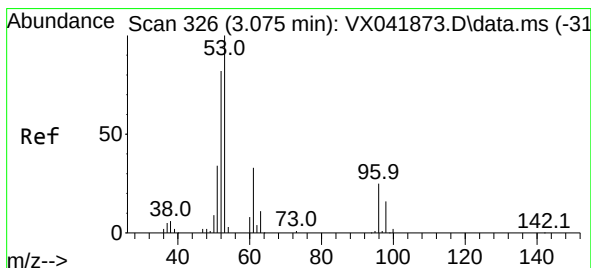
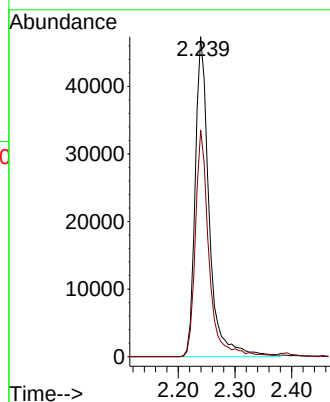
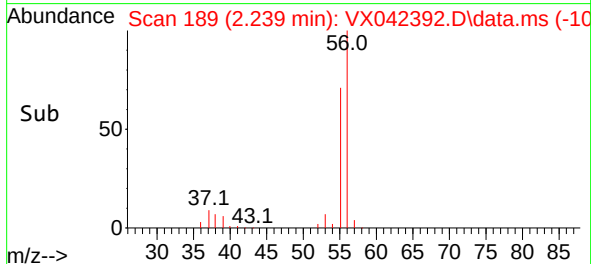
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



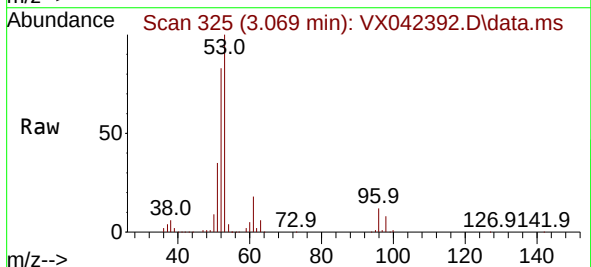
Tgt Ion: 56 Resp: 8093
Ion Ratio Lower Upper
56 100
55 67.8 55.4 83.0

Manual Integrations
APPROVED

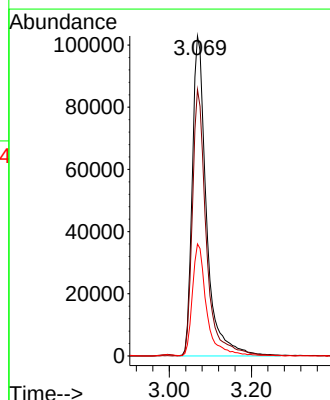
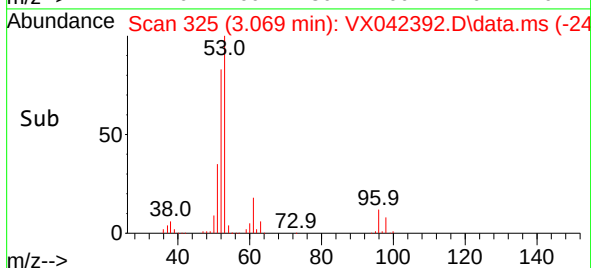
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

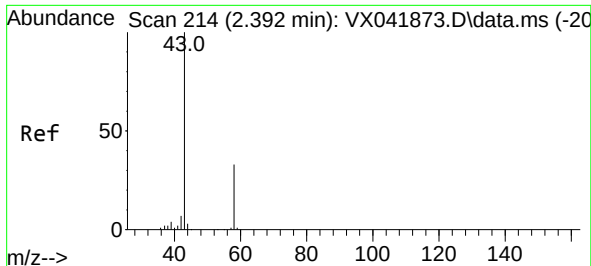


#14
Acrylonitrile
Concen: 224.706 ug/l
RT: 3.069 min Scan# 325
Delta R.T. -0.006 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10



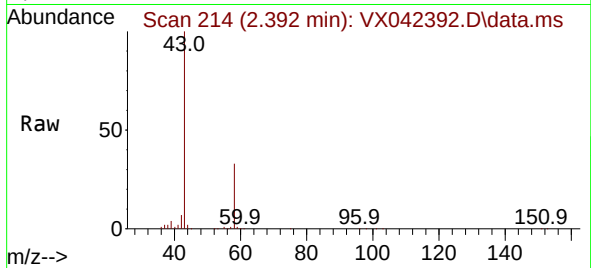
Tgt Ion: 53 Resp: 247606
Ion Ratio Lower Upper
53 100
52 81.4 39.9 119.7
51 35.1 17.4 52.3





#15
Acetone
Concen: 209.549 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

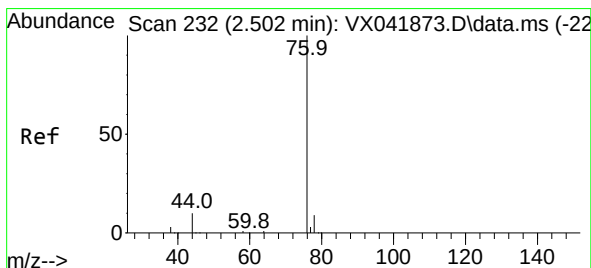
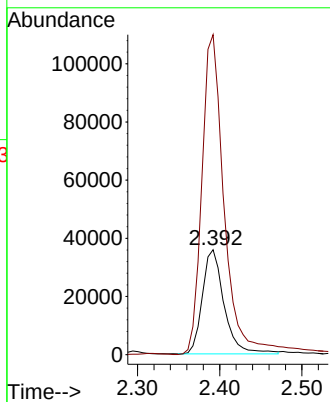
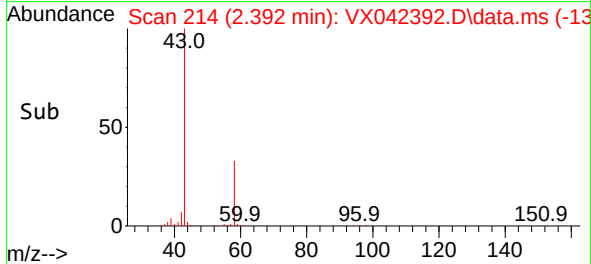
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 58 Resp: 66054
Ion Ratio Lower Upper
58 100
43 306.8 243.4 365.2

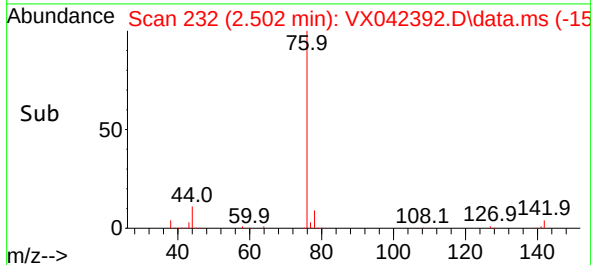
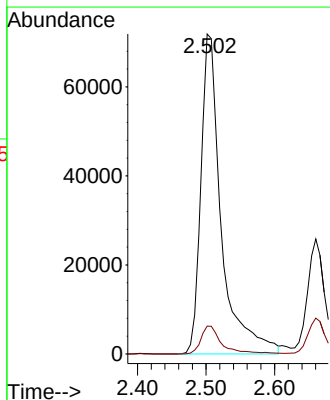
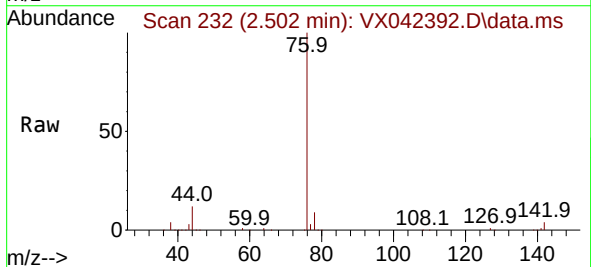
Manual Integrations
APPROVED

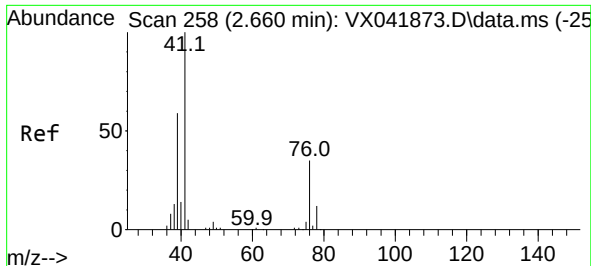
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#16
Carbon Disulfide
Concen: 37.402 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

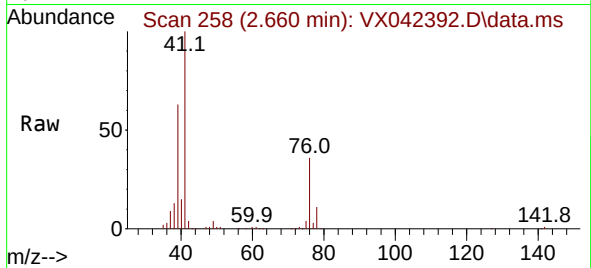
Tgt Ion: 76 Resp: 149262
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9





#17
 Allyl chloride
 Concen: 47.131 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. 0.000 min
 Lab File: VX042392.D
 Acq: 19 Jul 2024 10:10

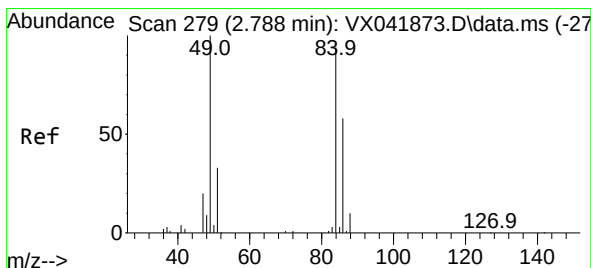
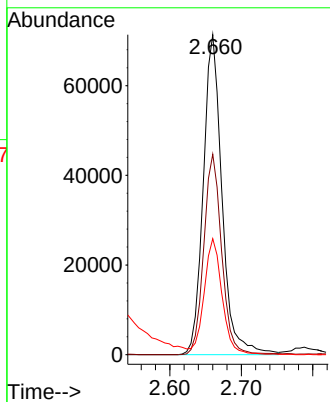
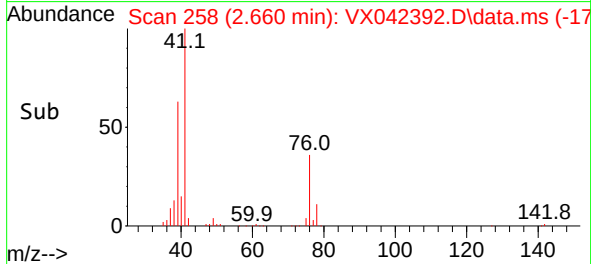
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050



Tgt Ion: 41 Resp: 13034
 Ion Ratio Lower Upper
 41 100
 39 62.6 29.6 88.8
 76 36.1 18.1 54.4

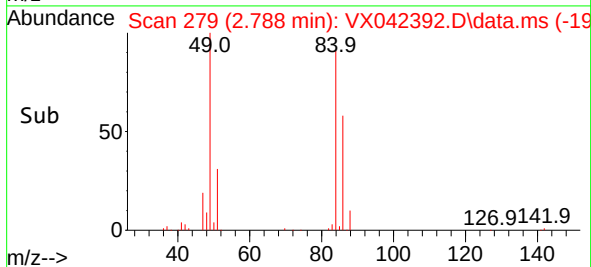
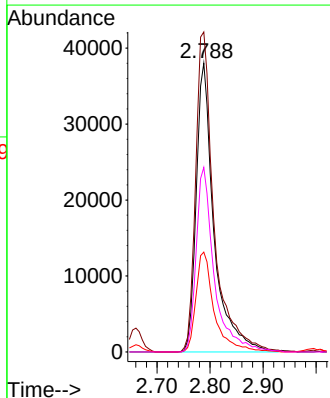
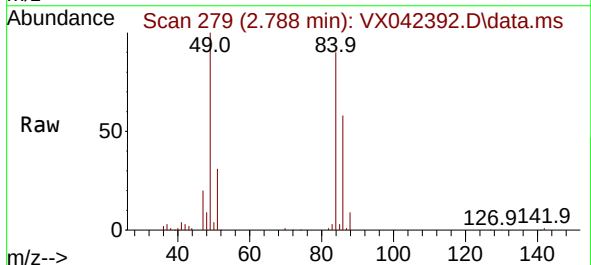
Manual Integrations
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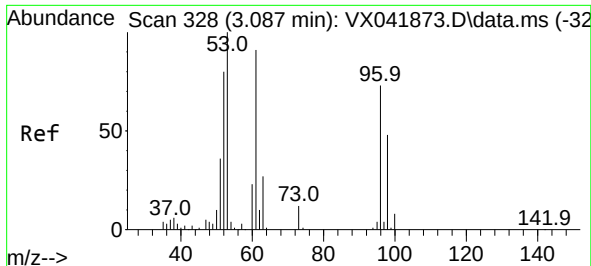
Reviewed By :John Carlone 07/19/2024
 Supervised By :Mahesh Dadoda 07/22/2024



#18
 Methylene Chloride
 Concen: 42.498 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX042392.D
 Acq: 19 Jul 2024 10:10

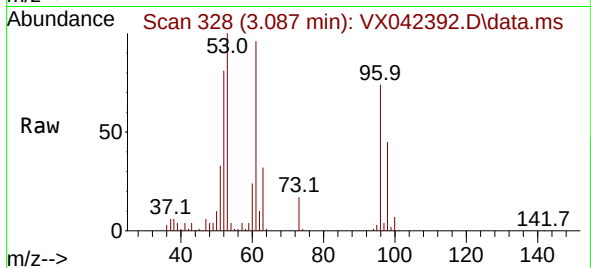
Tgt Ion: 84 Resp: 88765
 Ion Ratio Lower Upper
 84 100
 49 110.8 85.3 127.9
 51 34.6 28.5 42.7
 86 63.9 49.6 74.4





#19
trans-1,2-Dichloroethene
Concen: 42.617 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

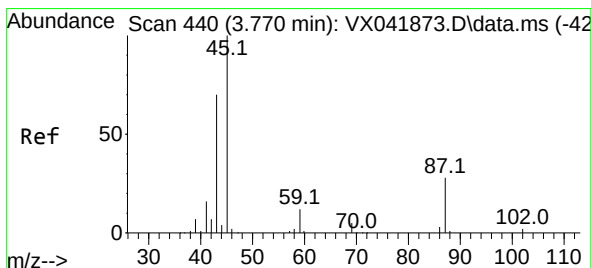
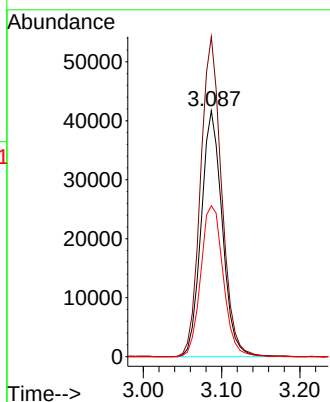
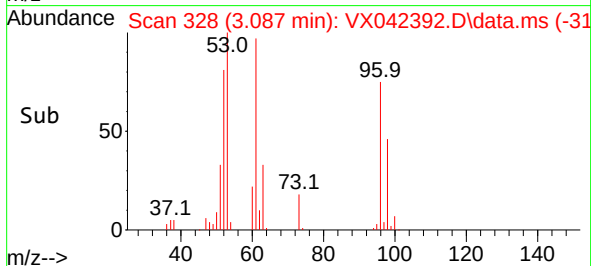
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 96 Resp: 77740
Ion Ratio Lower Upper
96 100
61 129.9 100.1 150.1
98 61.4 52.1 78.1

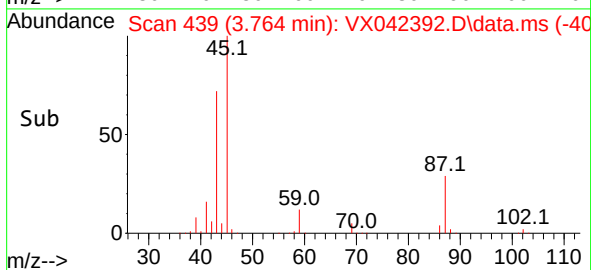
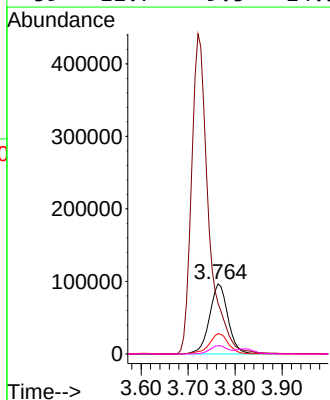
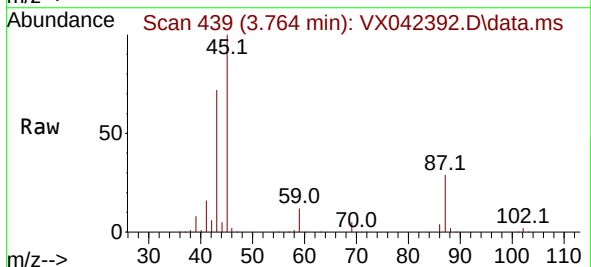
Manual Integrations
APPROVED

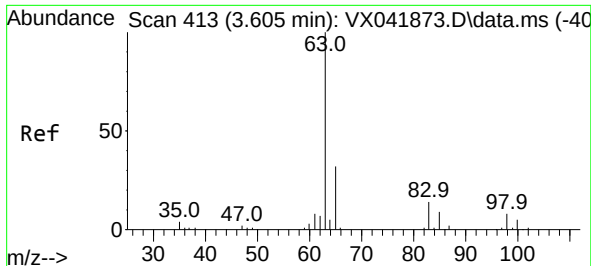
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#20
Diisopropyl ether
Concen: 46.455 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

Tgt Ion: 45 Resp: 264070
Ion Ratio Lower Upper
45 100
43 71.3 55.8 83.8
87 28.9 22.6 34.0
59 11.7 9.5 14.3





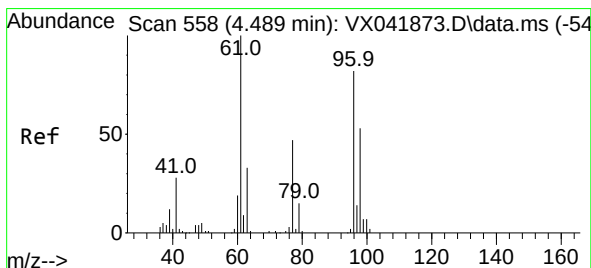
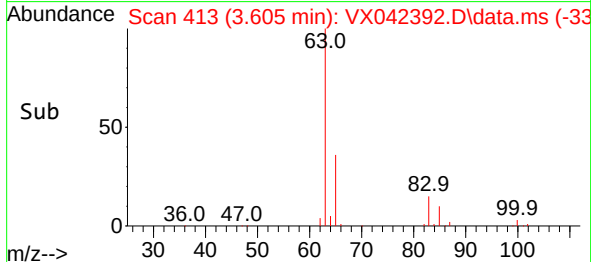
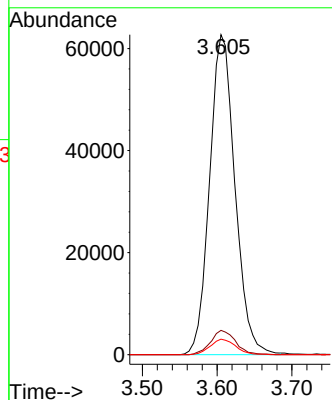
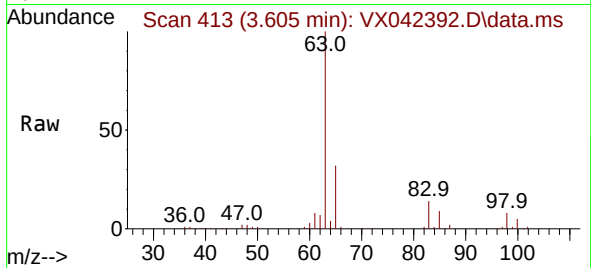
#21
1,1-Dichloroethane
Concen: 45.628 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 63 Resp: 14815
Ion Ratio Lower Upper
63 100
98 7.6 4.2 12.4
100 4.9 2.5 7.4

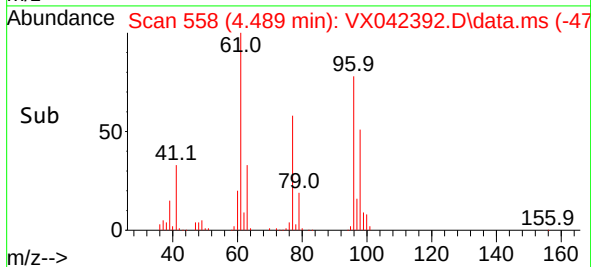
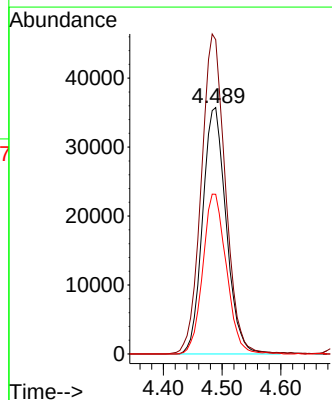
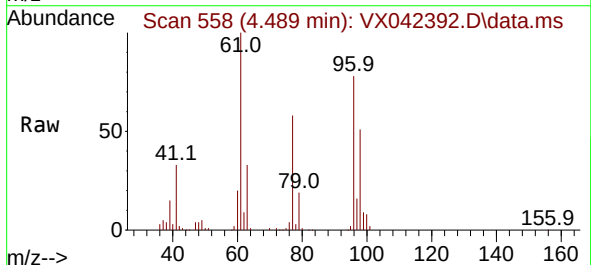
Manual Integrations
APPROVED

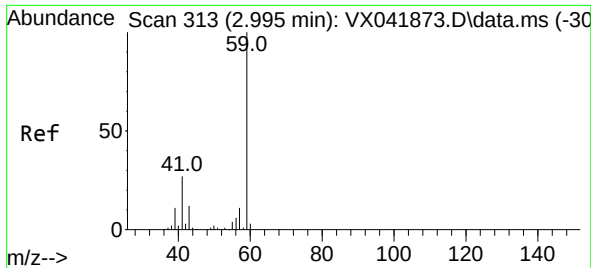
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#22
cis-1,2-Dichloroethene
Concen: 45.149 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

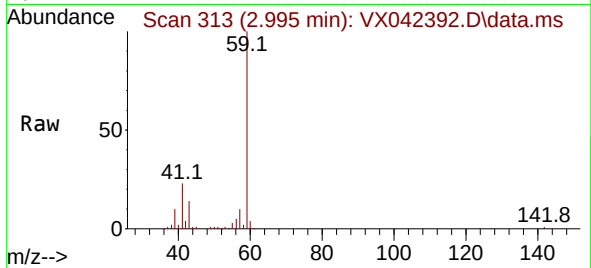
Tgt Ion: 96 Resp: 99696
Ion Ratio Lower Upper
96 100
61 133.1 103.3 154.9
98 64.7 52.2 78.2





#23
tert-Butyl Alcohol
Concen: 226.794 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

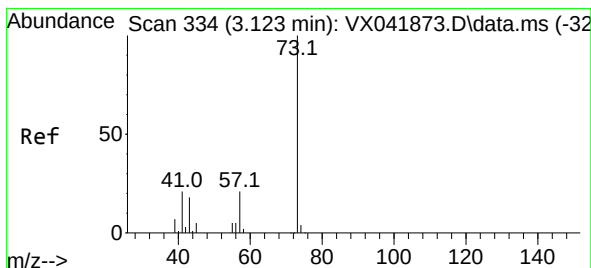
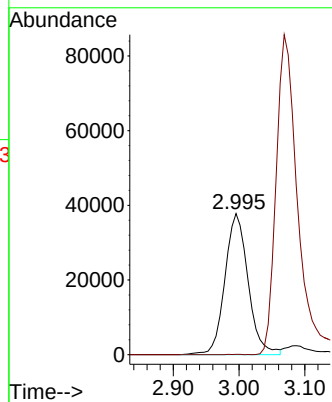
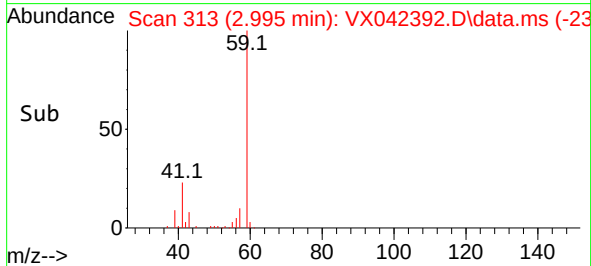
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 59 Resp: 92912
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

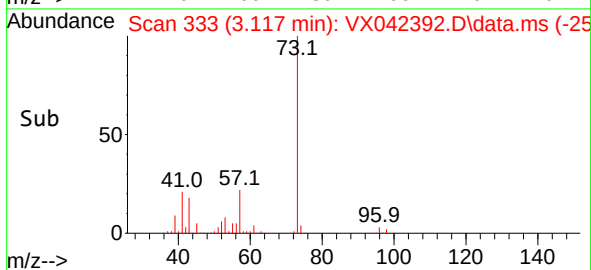
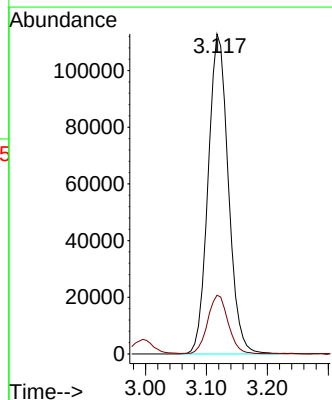
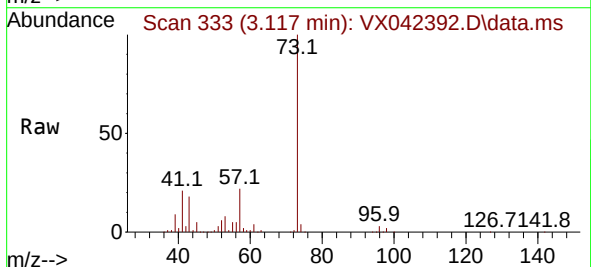
Manual Integrations
APPROVED

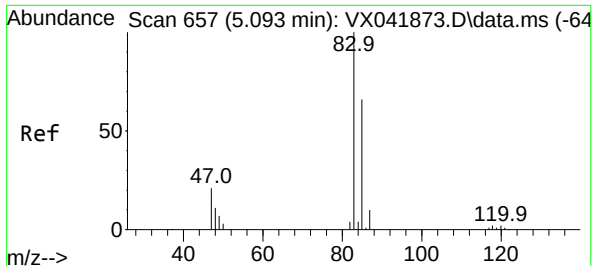
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#24
Methyl tert-Butyl Ether
Concen: 46.274 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

Tgt Ion: 73 Resp: 260657
Ion Ratio Lower Upper
73 100
43 18.4 15.1 22.7





#25

Chloroform

Concen: 46.573 ug/l

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX042392.D

Acq: 19 Jul 2024 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 83 Resp: 15368

Ion Ratio Lower Upper

83 100

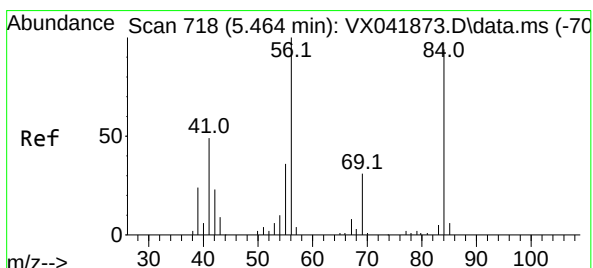
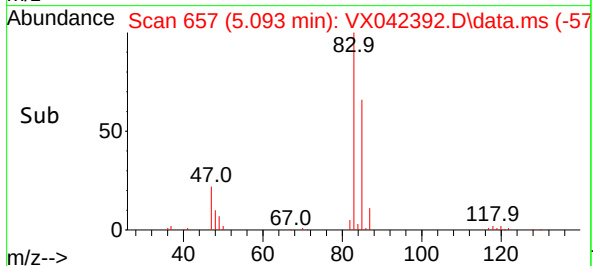
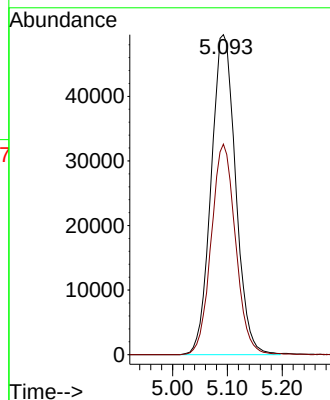
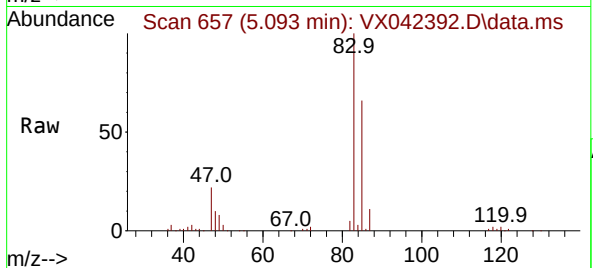
85 65.8 52.7 79.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#26

Cyclohexane

Concen: 43.147 ug/l

RT: 5.464 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX042392.D

Acq: 19 Jul 2024 10:10

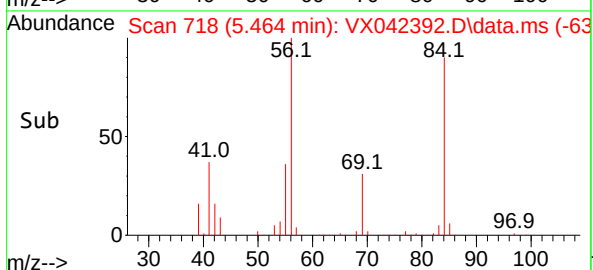
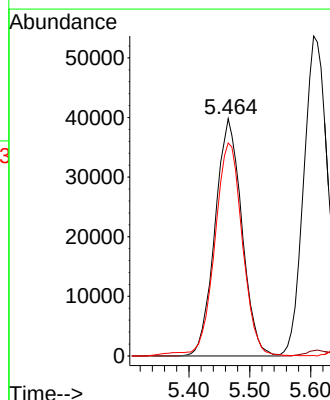
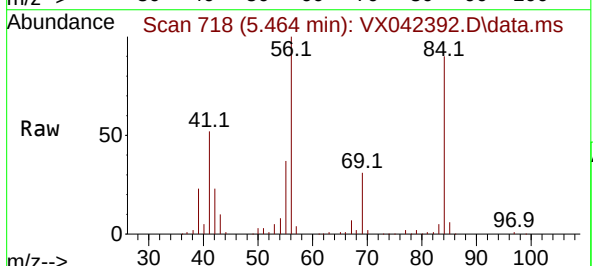
Tgt Ion: 56 Resp: 121685

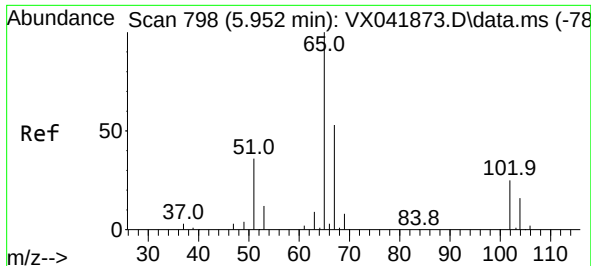
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 91.4 73.1 109.7





#27

1,2-Dichloroethane-d4

Concen: 29.822 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX042392.D

Acq: 19 Jul 2024 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 65 Resp: 61169

Ion Ratio Lower Upper

65 100

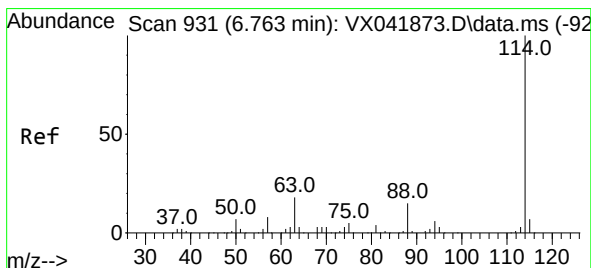
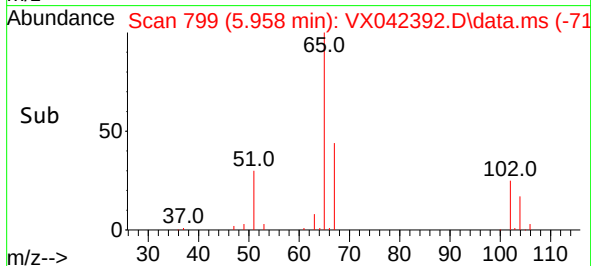
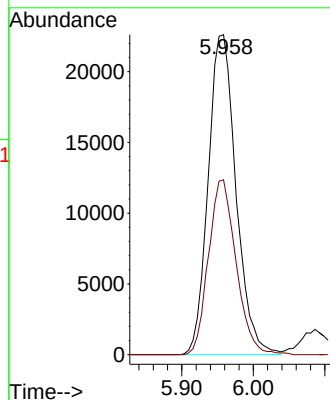
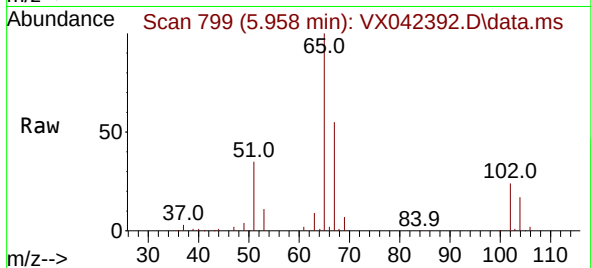
67 54.1 43.4 65.0

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: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX042392.D

Acq: 19 Jul 2024 10:10

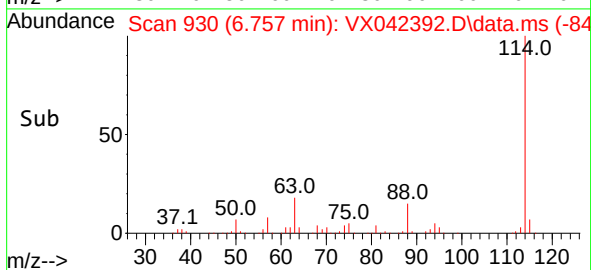
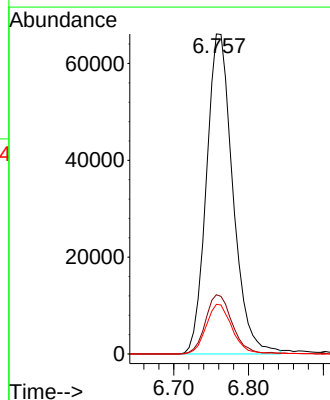
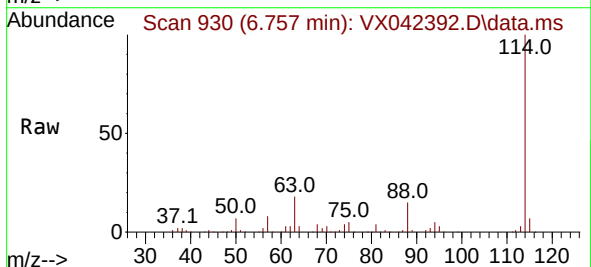
Tgt Ion:114 Resp: 162779

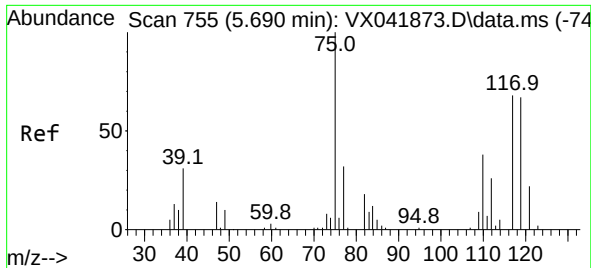
Ion Ratio Lower Upper

114 100

63 18.5 14.6 21.8

88 15.3 11.8 17.8





#29
1,1-Dichloropropene
Concen: 47.334 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

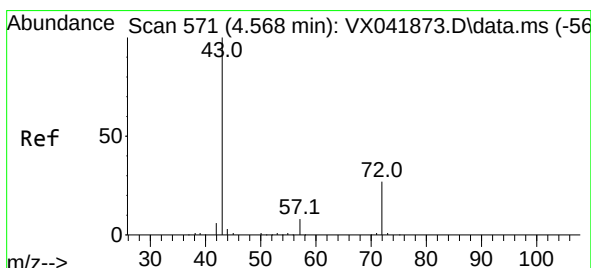
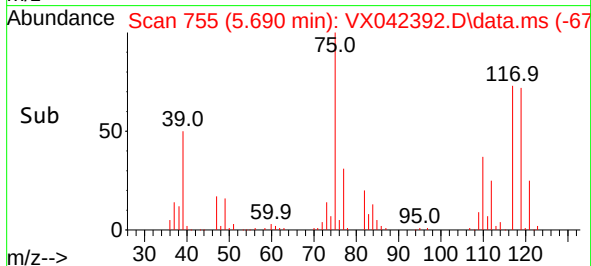
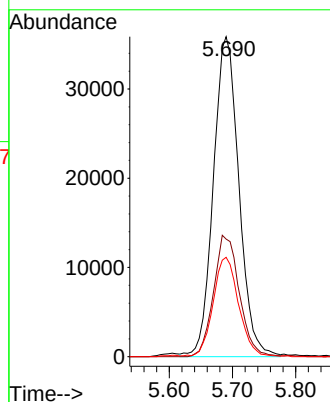
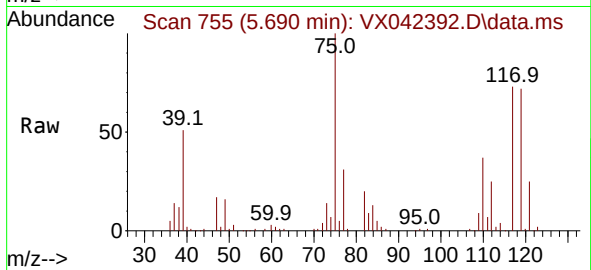
Tgt Ion: 75 Resp: 100564
Ion Ratio Lower Upper
75 100
110 38.2 0.0 80.2
77 30.9 0.0 65.2

Manual Integrations

APPROVED

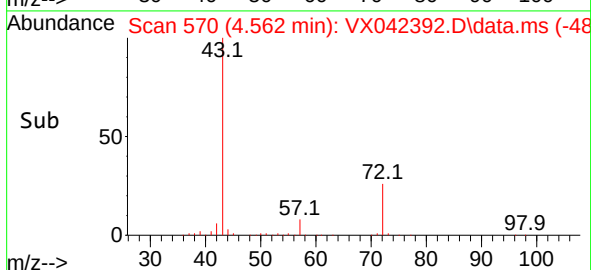
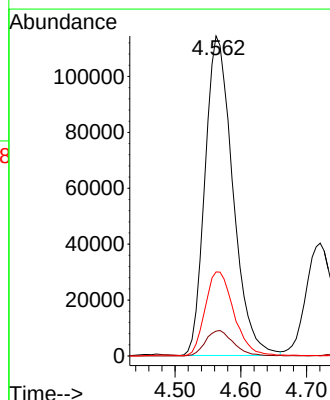
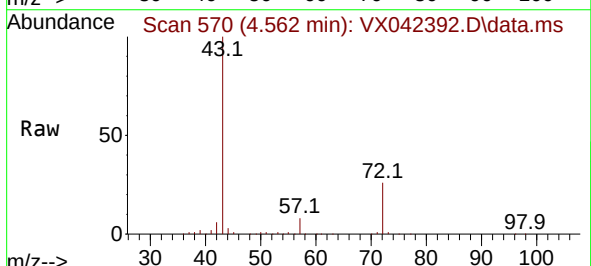
Reviewed By :John Carlone 07/19/2024

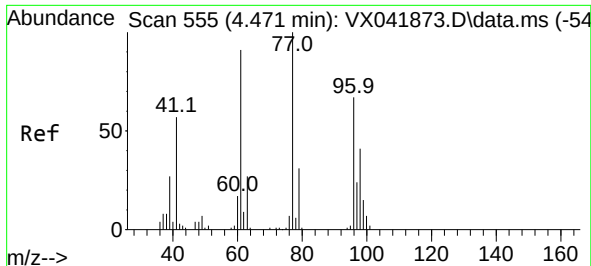
Supervised By :Mahesh Dadoda 07/22/2024



#30
2-Butanone
Concen: 236.699 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

Tgt Ion: 43 Resp: 336009
Ion Ratio Lower Upper
43 100
57 8.0 6.5 9.7
72 26.9 22.0 33.0





#31

2,2-Dichloropropane

Concen: 49.762 ug/l

RT: 4.477 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX042392.D

Acq: 19 Jul 2024 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 77 Resp: 11584

Ion Ratio Lower Upper

77 100

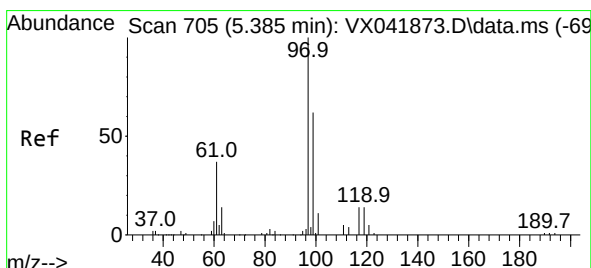
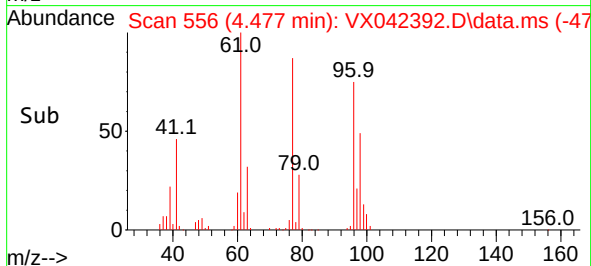
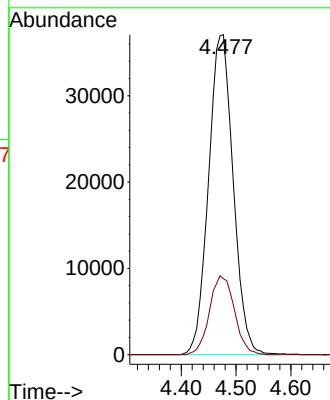
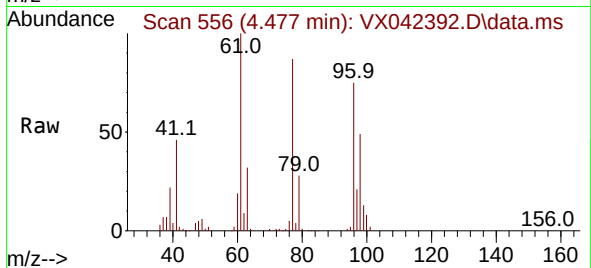
97 24.9 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#32

1,1,1-Trichloroethane

Concen: 48.403 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX042392.D

Acq: 19 Jul 2024 10:10

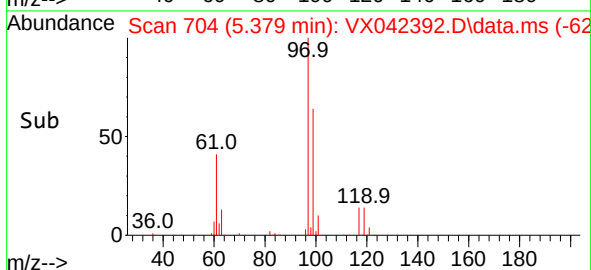
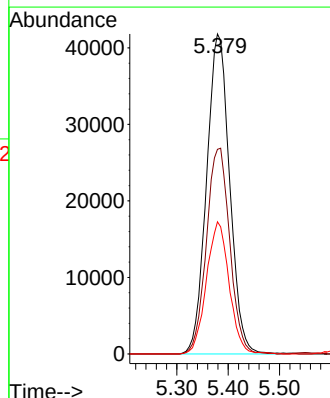
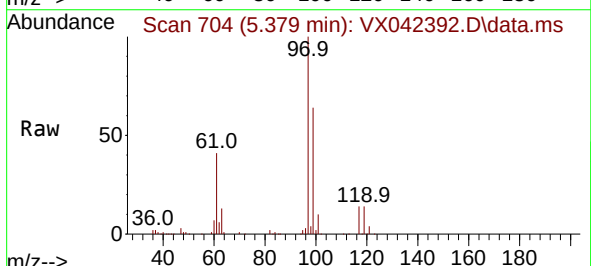
Tgt Ion: 97 Resp: 130352

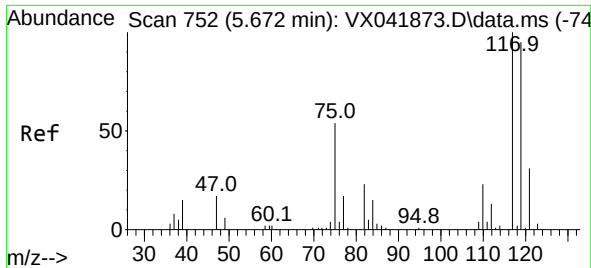
Ion Ratio Lower Upper

97 100

99 65.1 52.0 78.0

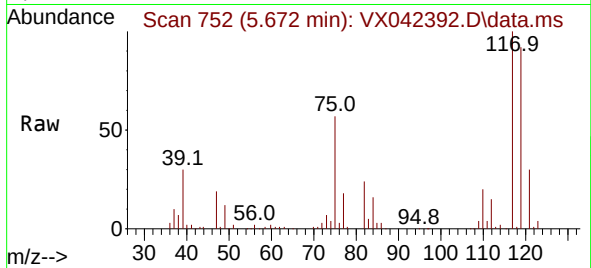
61 40.5 31.7 47.5





#33
Carbon Tetrachloride
Concen: 49.578 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

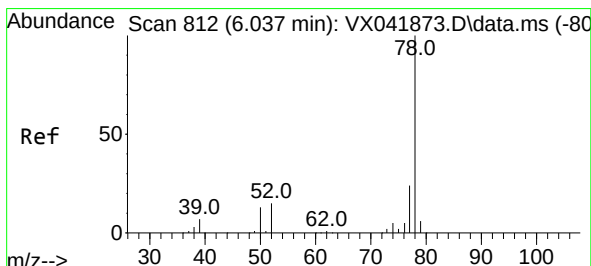
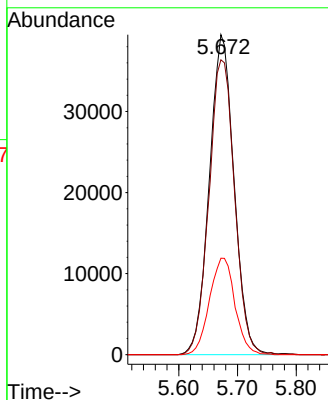
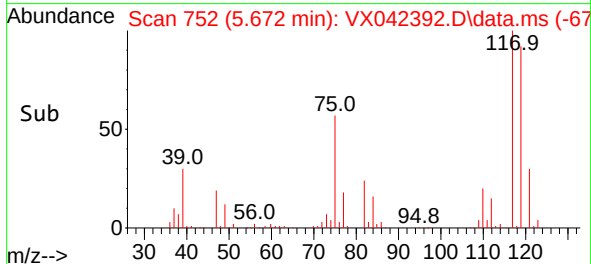
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 117 Resp: 11515
Ion Ratio Lower Upper
117 100
119 92.2 75.7 113.5
121 30.1 24.9 37.3

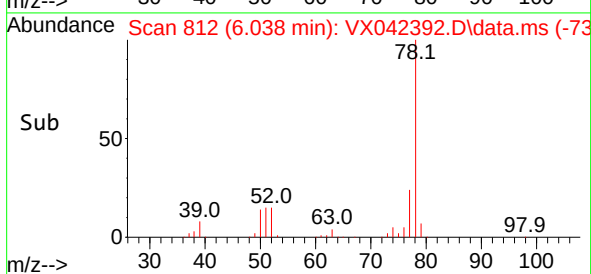
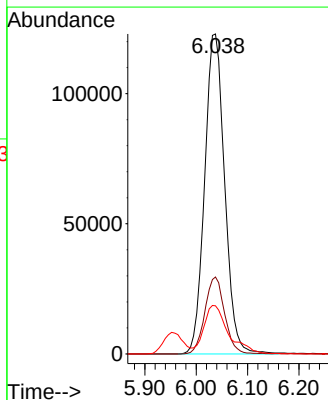
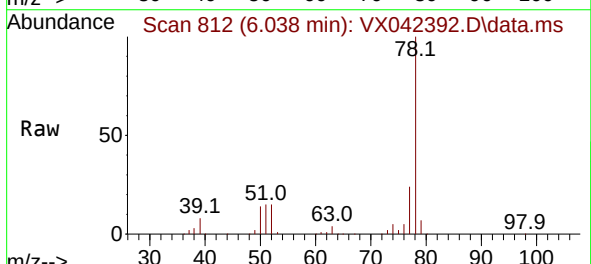
Manual Integrations
APPROVED

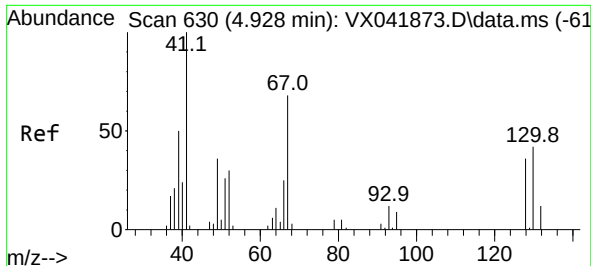
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#34
Benzene
Concen: 47.006 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

Tgt Ion: 78 Resp: 332675
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3
51 14.9 11.8 17.8





#35

Methacrylonitrile

Concen: 48.790 ug/l

RT: 4.922 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX042392.D

Acq: 19 Jul 2024 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 41 Resp: 6956

Ion Ratio Lower Upper

41 100

39 52.2 25.2 75.6

67 67.7 34.2 102.5

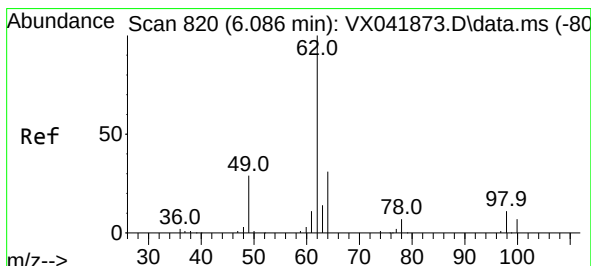
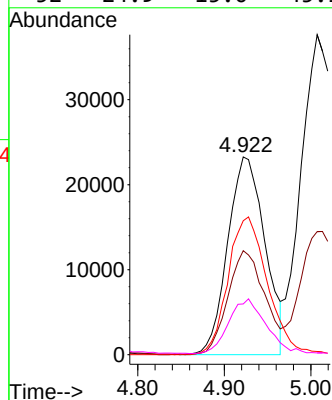
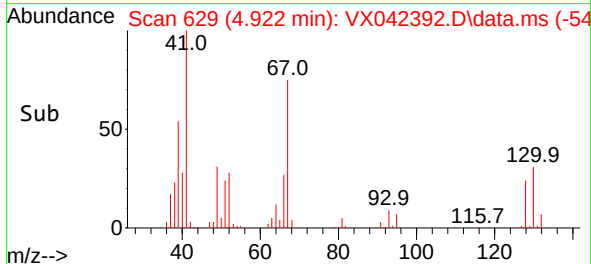
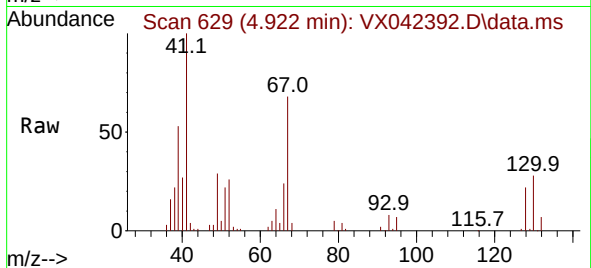
52 24.9 15.0 45.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#36

1,2-Dichloroethane

Concen: 49.310 ug/l

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX042392.D

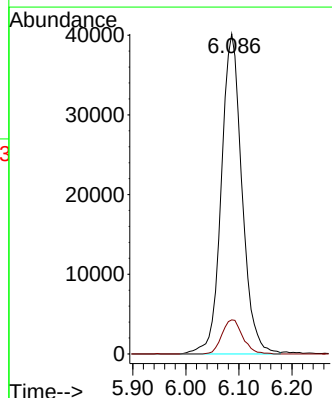
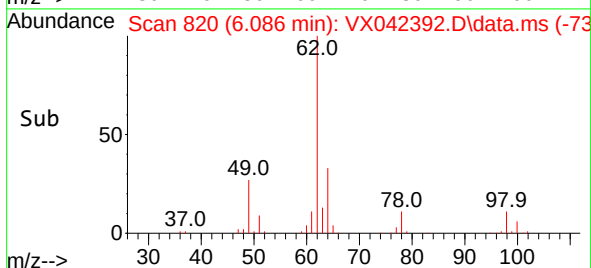
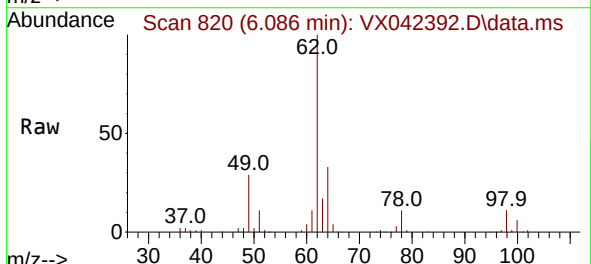
Acq: 19 Jul 2024 10:10

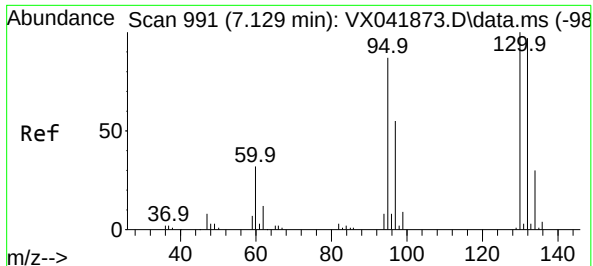
Tgt Ion: 62 Resp: 108719

Ion Ratio Lower Upper

62 100

98 10.6 9.1 13.7





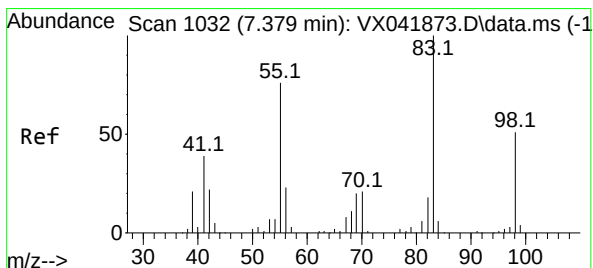
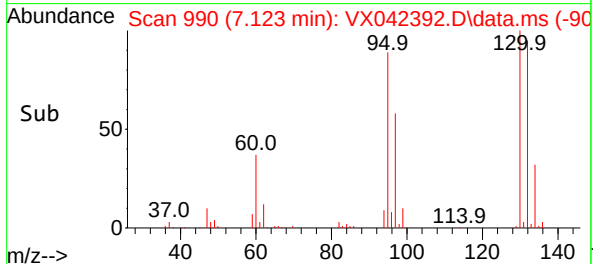
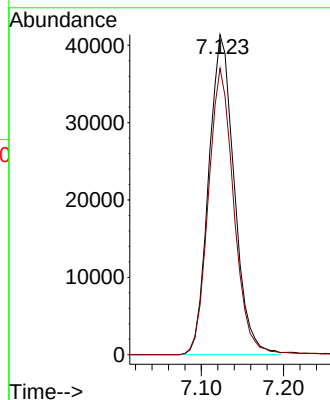
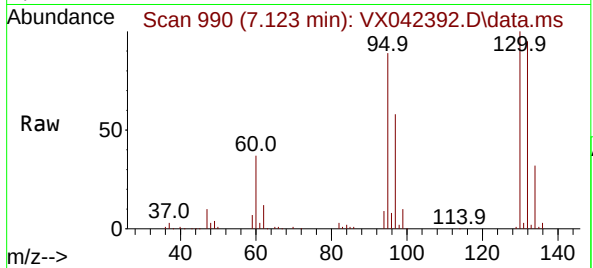
#37
Trichloroethene
Concen: 46.270 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:130 Resp: 89440
Ion Ratio Lower Upper
130 100
95 89.5 69.4 104.0

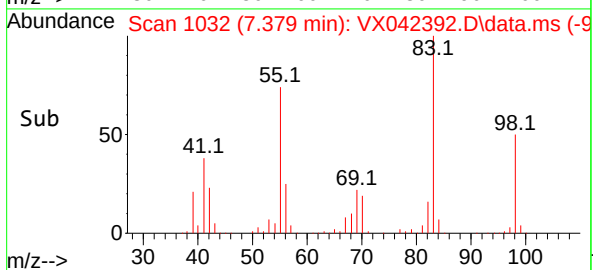
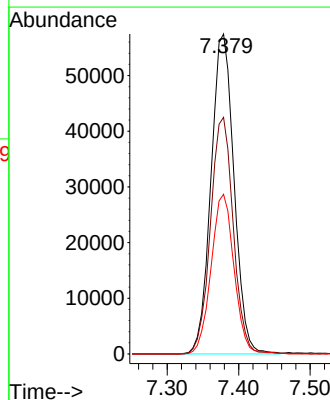
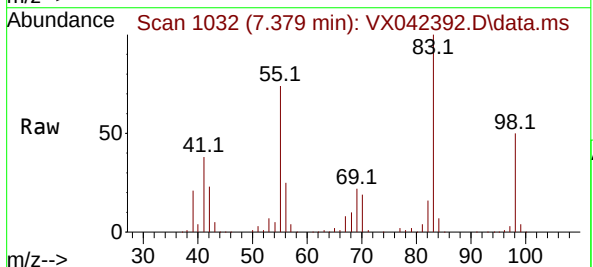
Manual Integrations
APPROVED

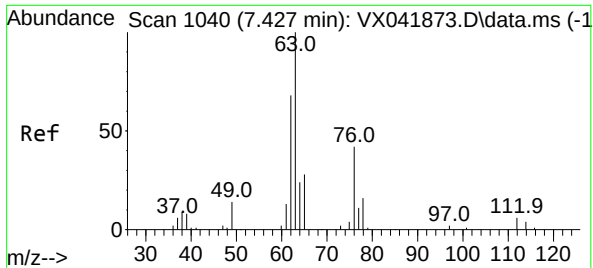
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#38
Methylcyclohexane
Concen: 45.680 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

Tgt Ion: 83 Resp: 128548
Ion Ratio Lower Upper
83 100
55 73.1 37.3 111.9
98 49.7 24.8 74.4





#39

1,2-Dichloropropane

Concen: 49.085 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX042392.D

Acq: 19 Jul 2024 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 63 Resp: 82750

Ion Ratio Lower Upper

63 100

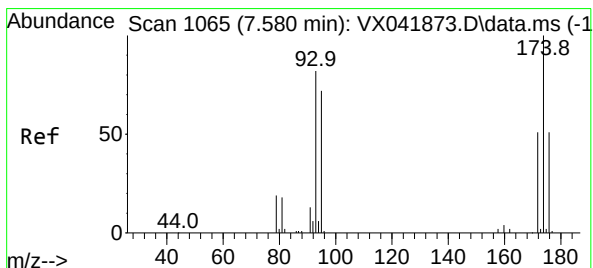
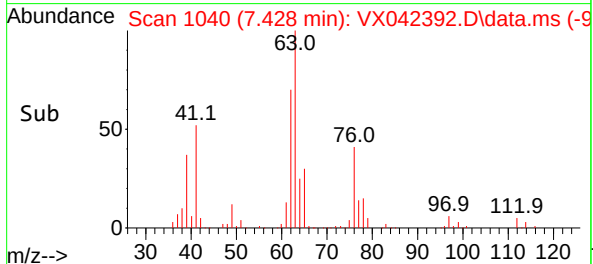
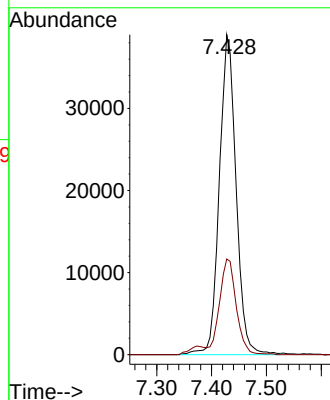
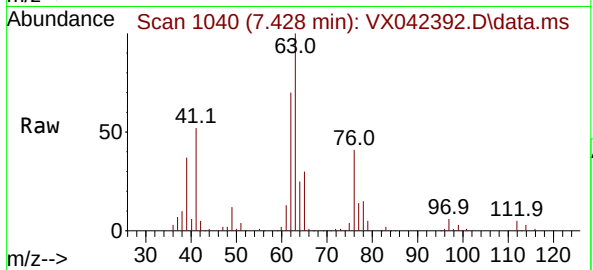
65 29.9 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#40

Dibromomethane

Concen: 47.523 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX042392.D

Acq: 19 Jul 2024 10:10

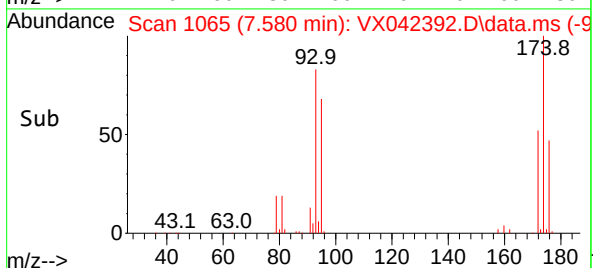
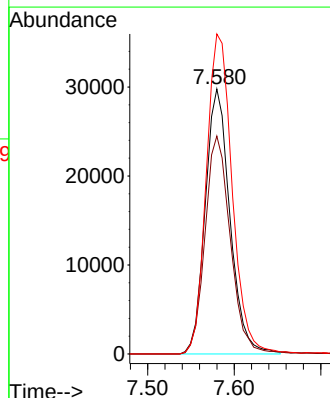
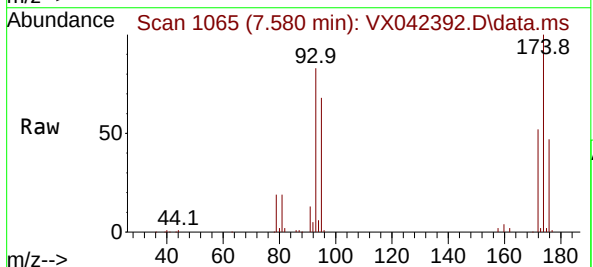
Tgt Ion: 93 Resp: 59267

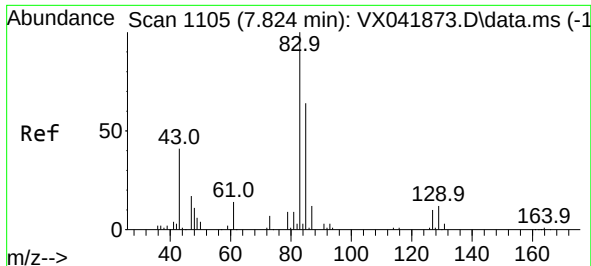
Ion Ratio Lower Upper

93 100

95 83.9 0.0 168.6

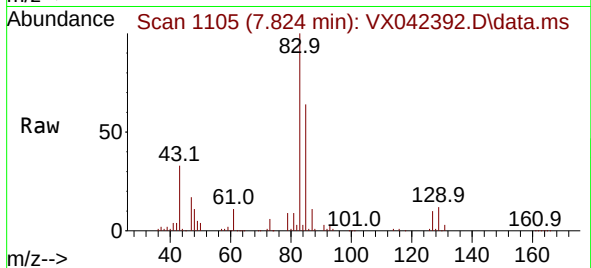
174 126.1 0.0 255.0





#41
Bromodichloromethane
Concen: 49.993 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

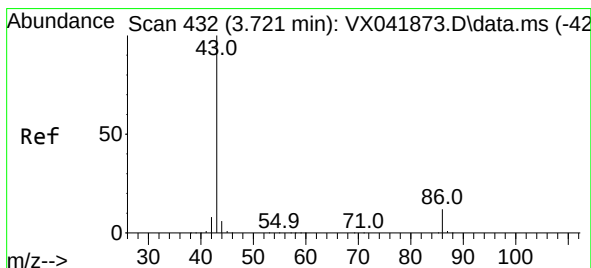
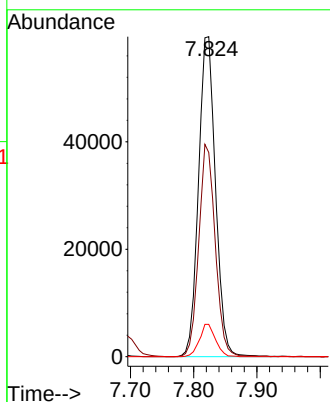
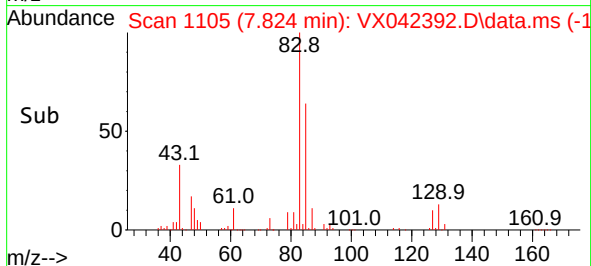
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 83 Resp: 111694
Ion Ratio Lower Upper
83 100
85 63.8 51.1 76.7
127 10.1 8.1 12.1

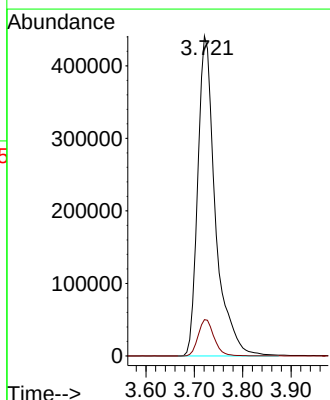
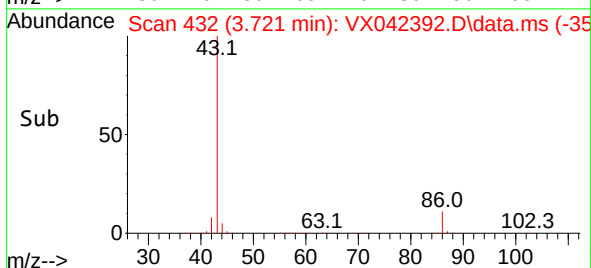
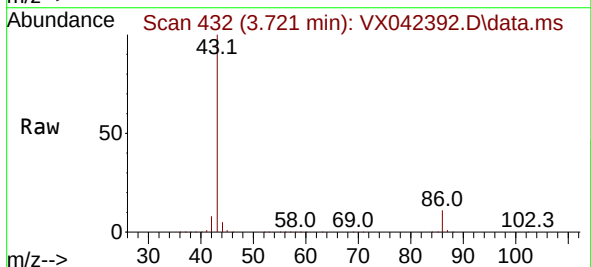
Manual Integrations
APPROVED

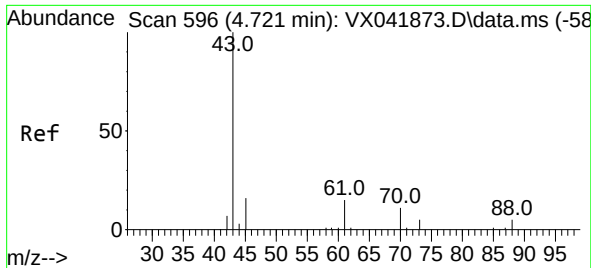
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#42
Vinyl Acetate
Concen: 234.915 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

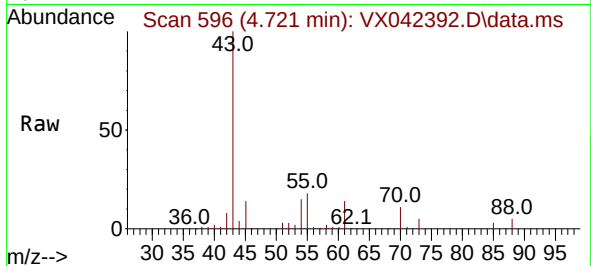
Tgt Ion: 43 Resp: 1116225
Ion Ratio Lower Upper
43 100
86 10.3 8.5 12.7





#43
Ethyl Acetate
Concen: 45.721 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

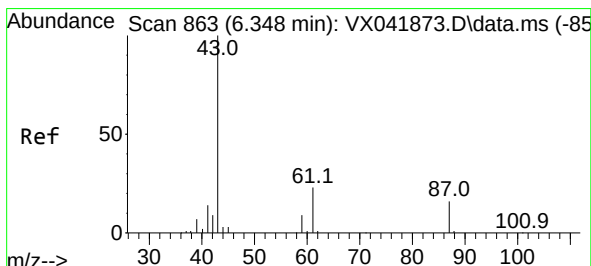
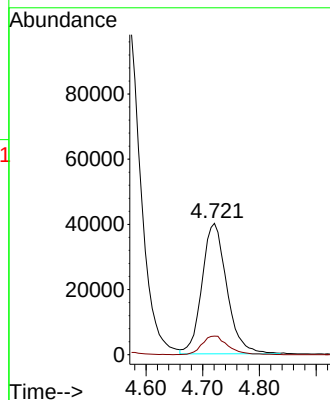
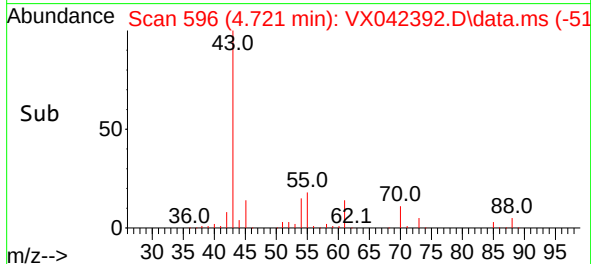
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



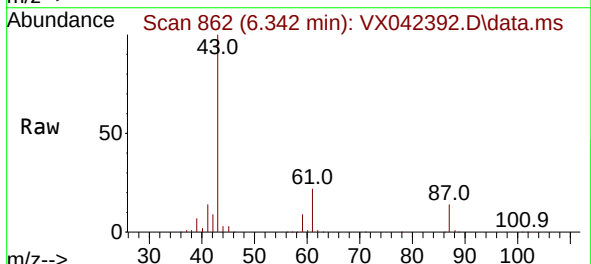
Tgt Ion: 43 Resp: 121690
Ion Ratio Lower Upper
43 100
45 14.3 12.4 18.6

Manual Integrations
APPROVED

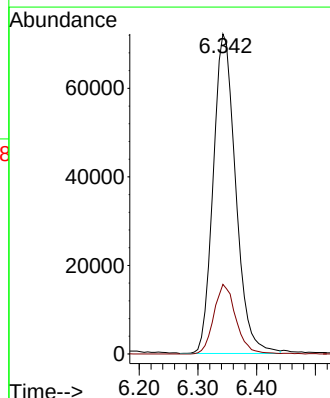
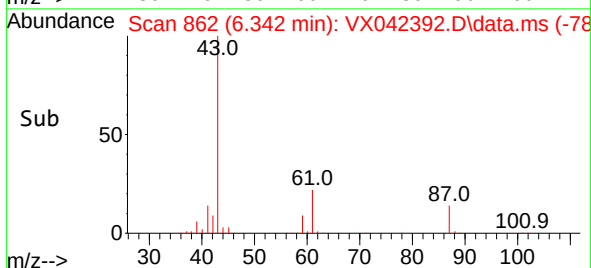
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

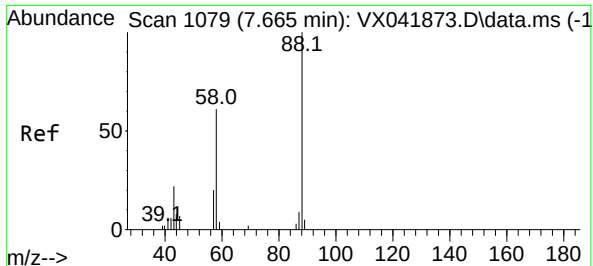


#44
Isopropyl Acetate
Concen: 48.104 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10



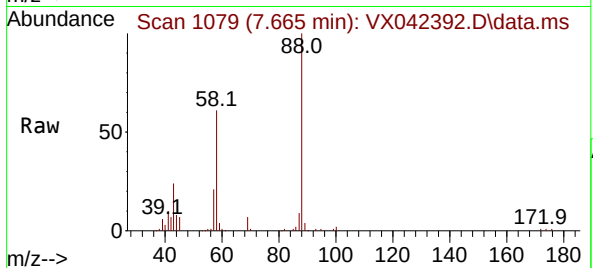
Tgt Ion: 43 Resp: 191773
Ion Ratio Lower Upper
43 100
61 21.4 17.4 26.0





#45
1,4-Dioxane
Concen: 880.737 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

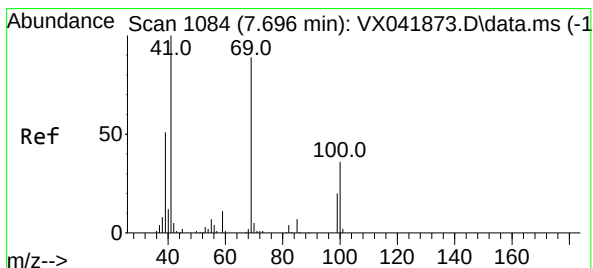
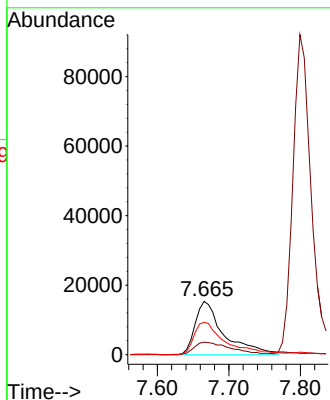
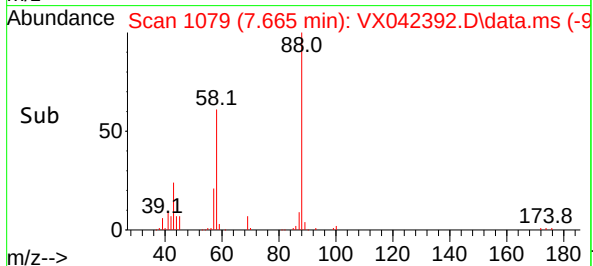
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 88 Resp: 42799
Ion Ratio Lower Upper
88 100
43 28.2 23.2 34.8
58 58.4 52.6 78.8

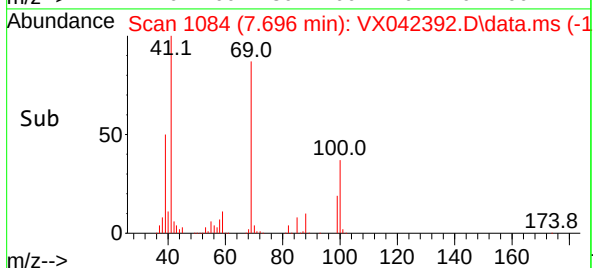
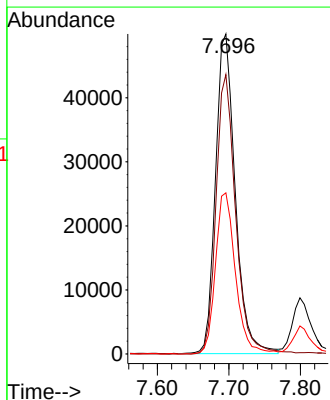
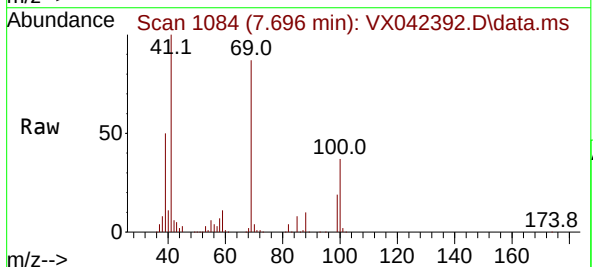
Manual Integrations
APPROVED

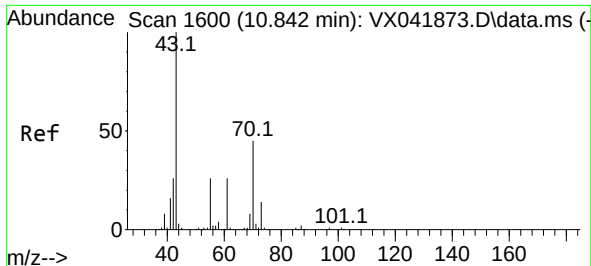
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#46
Methyl methacrylate
Concen: 49.129 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

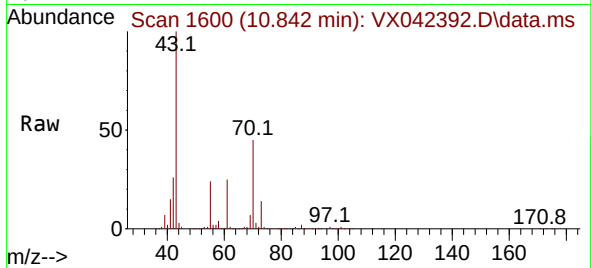
Tgt Ion: 41 Resp: 95763
Ion Ratio Lower Upper
41 100
69 87.4 44.4 133.1
39 50.4 25.5 76.5





#47
n-amyl acetate
Concen: 48.872 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

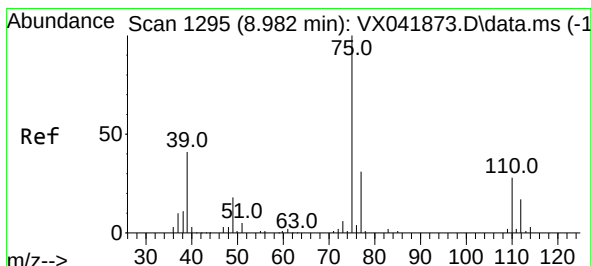
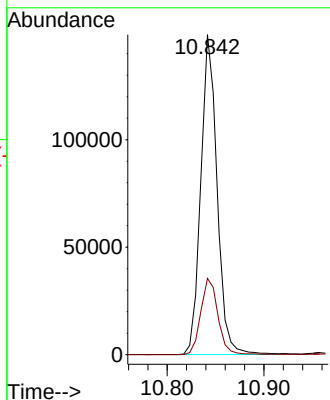
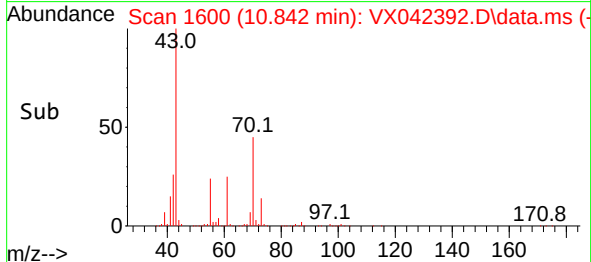
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 43 Resp: 17486
Ion Ratio Lower Upper
43 100
55 25.1 21.0 31.4

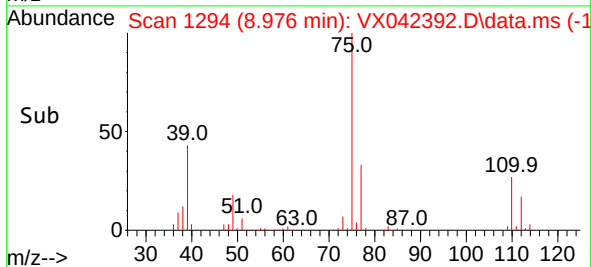
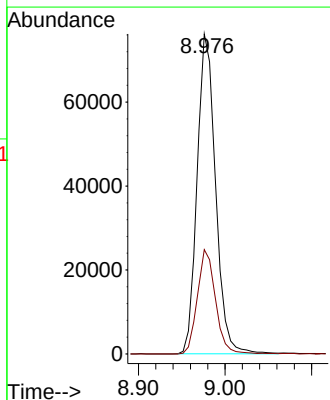
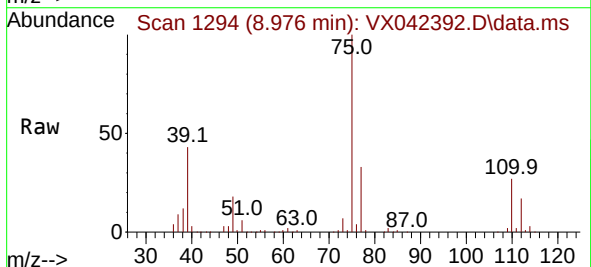
Manual Integrations
APPROVED

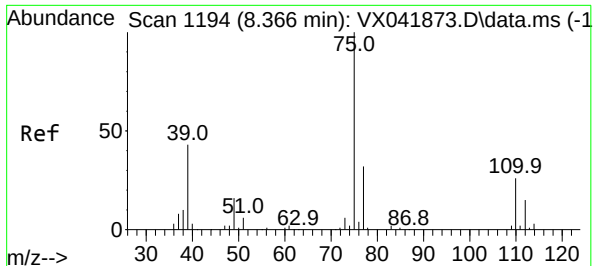
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#48
t-1,3-Dichloropropene
Concen: 49.000 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

Tgt Ion: 75 Resp: 112719
Ion Ratio Lower Upper
75 100
77 32.6 25.1 37.7





#49

cis-1,3-Dichloropropene

Concen: 49.396 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX042392.D

Acq: 19 Jul 2024 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 75 Resp: 127460

Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.8

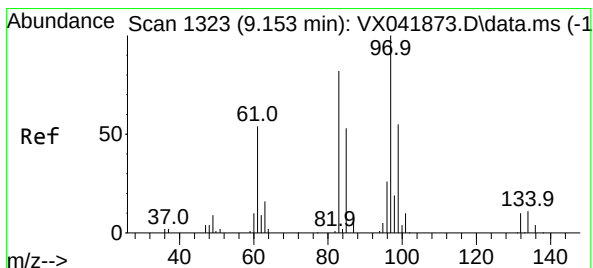
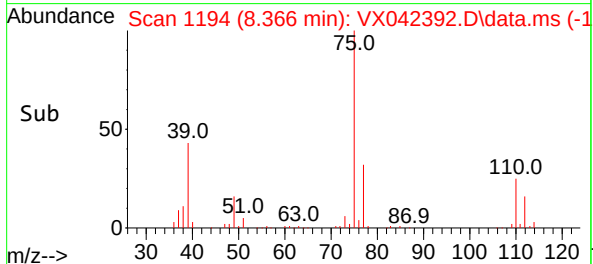
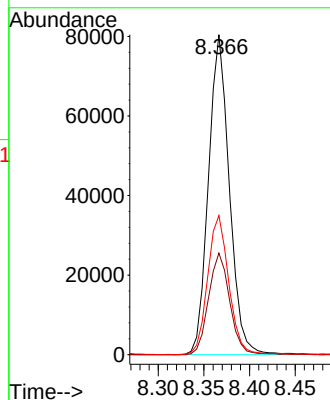
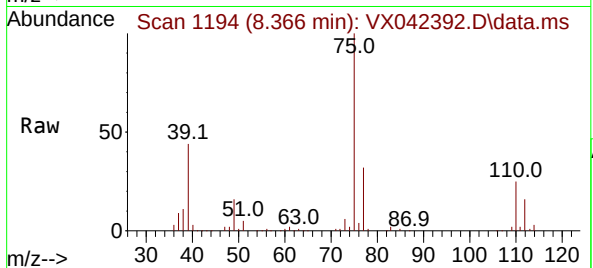
39 43.4 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#50

1,1,2-Trichloroethane

Concen: 48.422 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX042392.D

Acq: 19 Jul 2024 10:10

Tgt Ion: 97 Resp: 87808

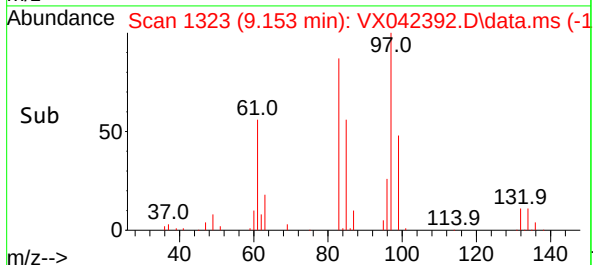
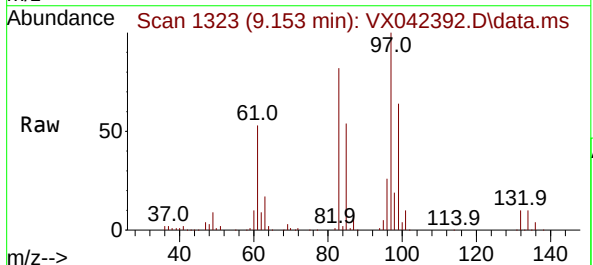
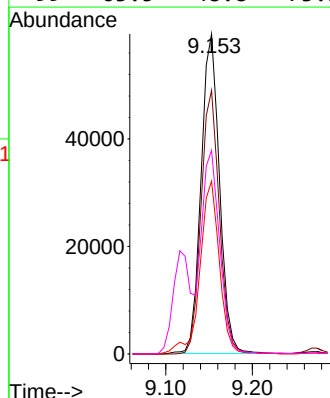
Ion Ratio Lower Upper

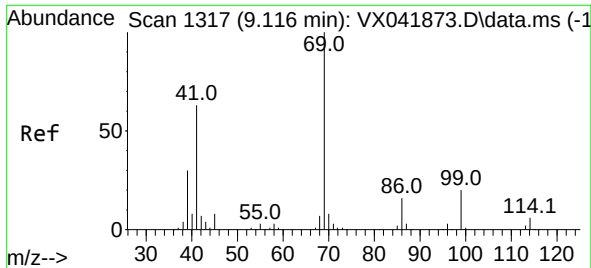
97 100

83 82.3 65.9 98.9

85 54.1 42.9 64.3

99 63.5 48.8 73.2





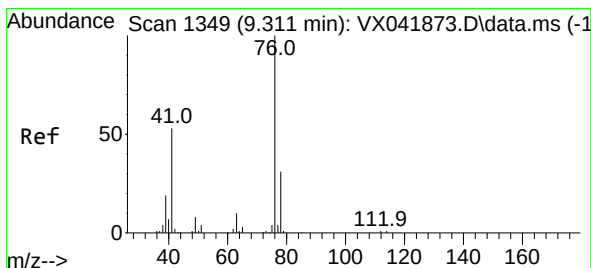
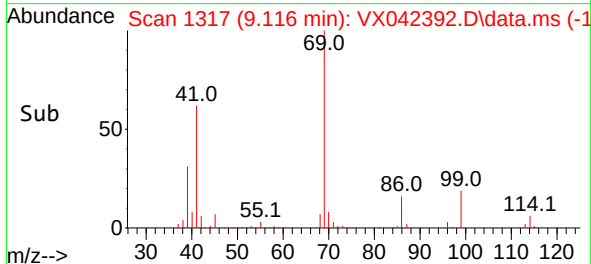
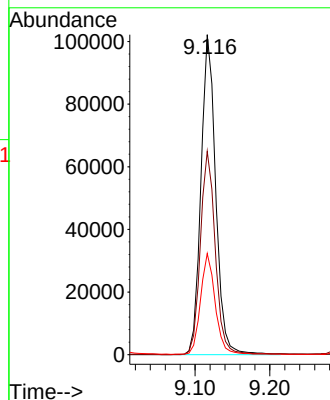
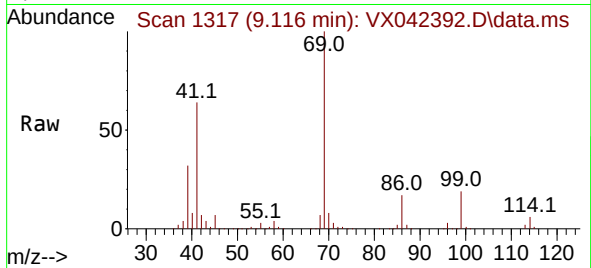
#51
Ethyl methacrylate
Concen: 48.707 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 69 Resp: 140309
Ion Ratio Lower Upper
69 100
41 63.5 31.6 94.7
39 31.5 15.3 45.8

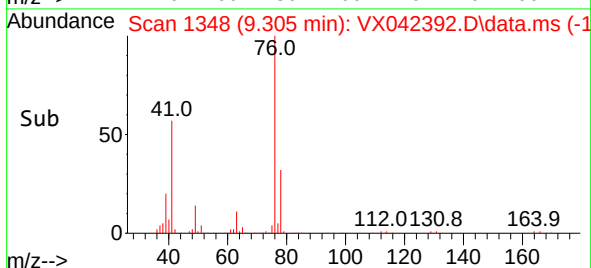
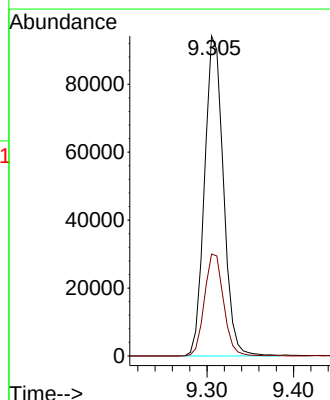
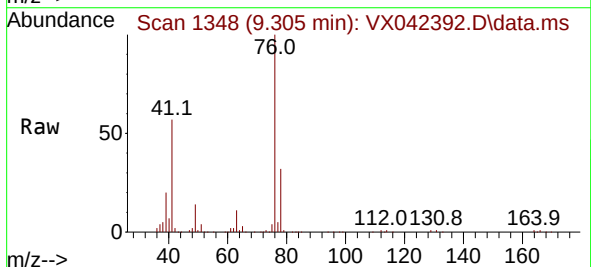
Manual Integrations
APPROVED

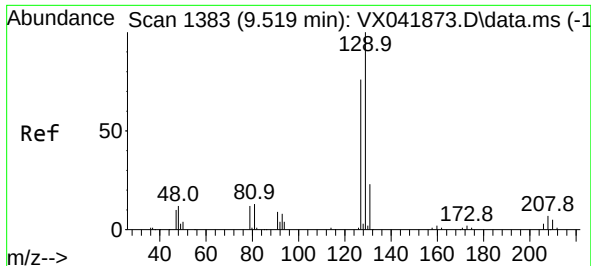
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#52
1,3-Dichloropropane
Concen: 48.123 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

Tgt Ion: 76 Resp: 142664
Ion Ratio Lower Upper
76 100
78 32.2 0.0 66.0





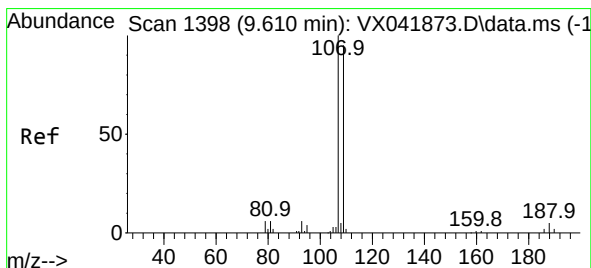
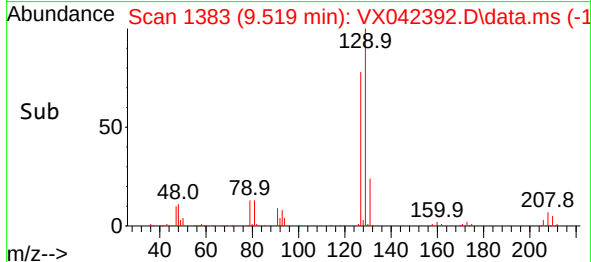
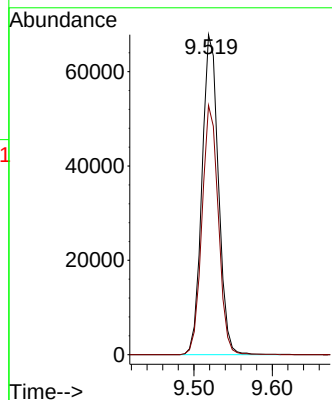
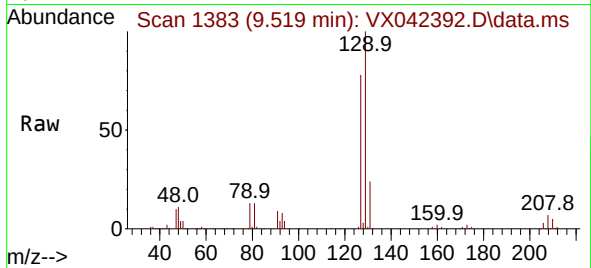
#53
Dibromochloromethane
Concen: 49.792 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:129 Resp: 98809
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.4

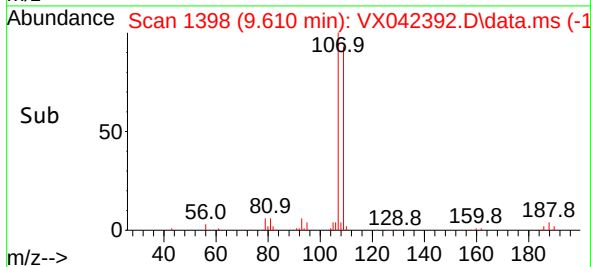
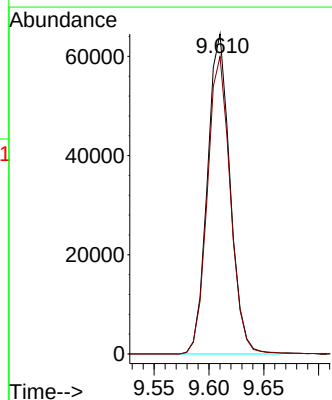
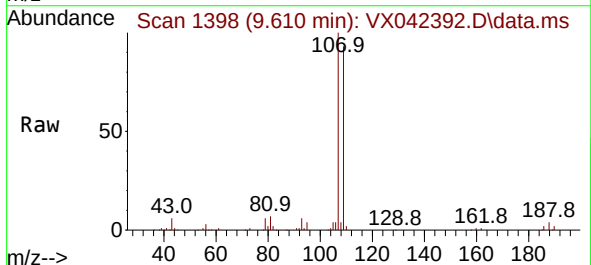
Manual Integrations
APPROVED

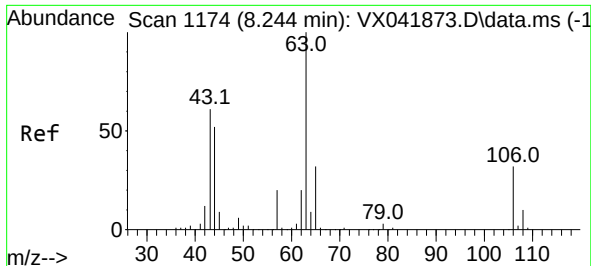
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#54
1,2-Dibromoethane
Concen: 48.515 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

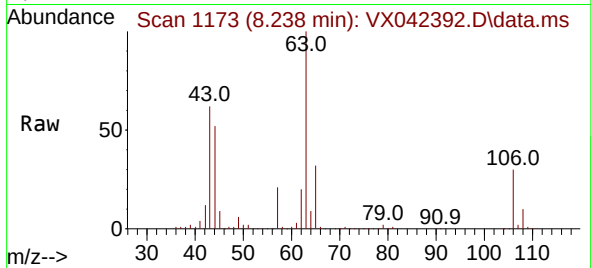
Tgt Ion:107 Resp: 92774
Ion Ratio Lower Upper
107 100
109 94.2 75.7 113.5





#55
2-Chloroethyl vinyl ether
Concen: 261.589 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

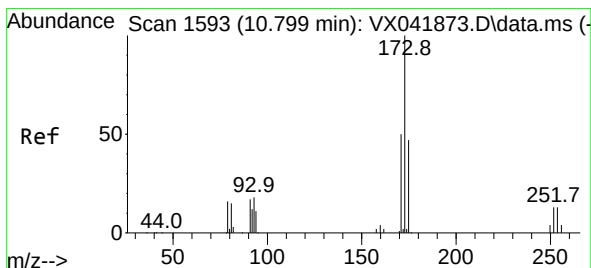
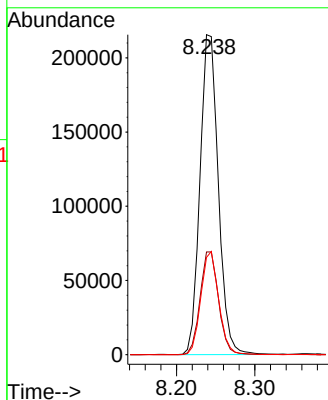
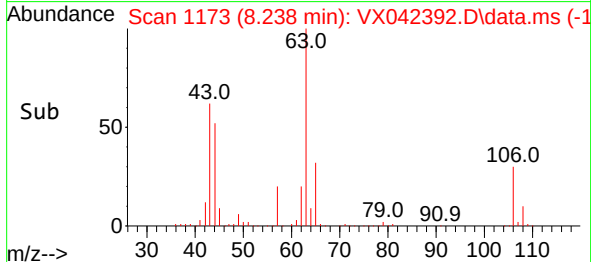
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 63 Resp: 350750
Ion Ratio Lower Upper
63 100
65 32.2 25.7 38.5
106 31.4 25.3 37.9

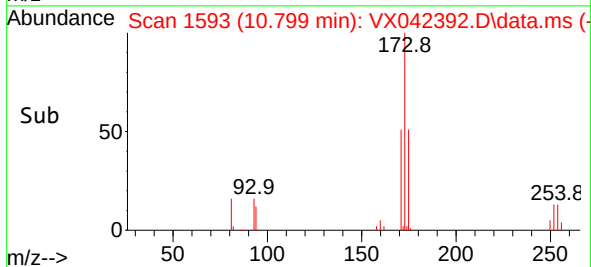
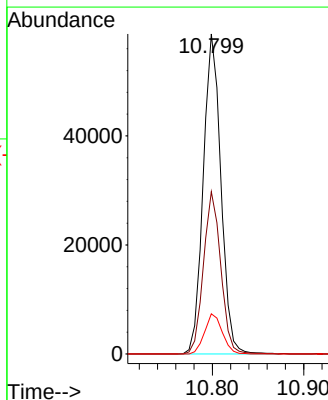
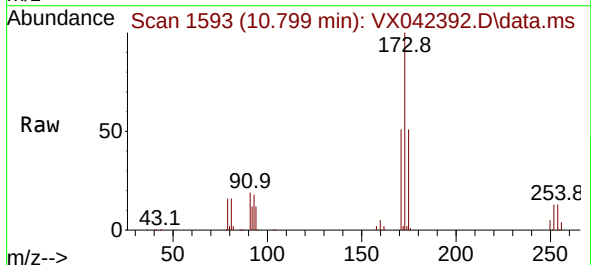
Manual Integrations
APPROVED

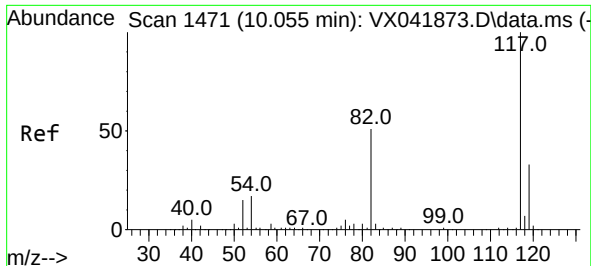
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#56
Bromoform
Concen: 48.592 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

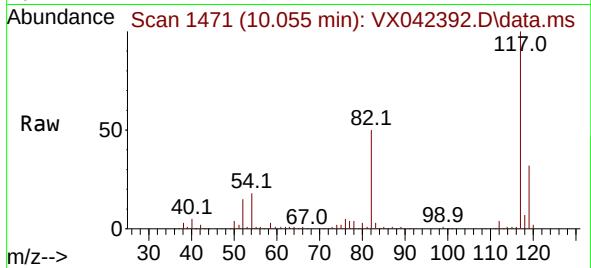
Tgt Ion:173 Resp: 78629
Ion Ratio Lower Upper
173 100
175 49.7 39.3 58.9
254 12.6 9.6 14.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

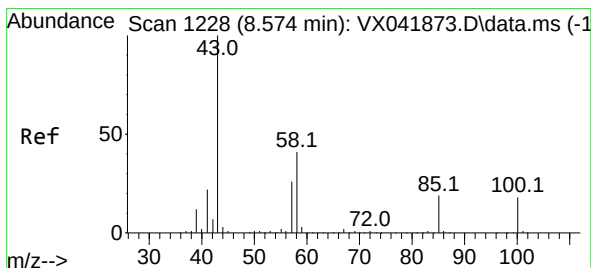
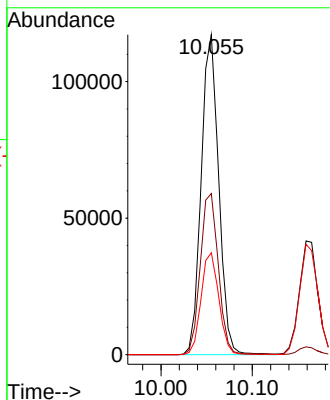
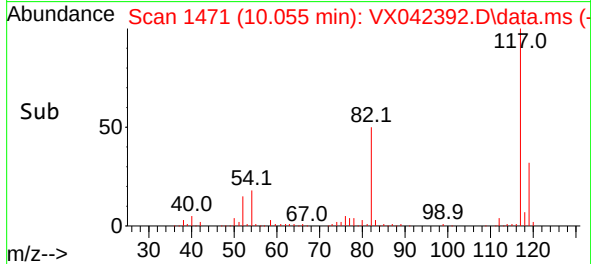
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 117 Resp: 15558
Ion Ratio Lower Upper
117 100
82 51.9 41.1 61.7
119 32.4 26.1 39.1

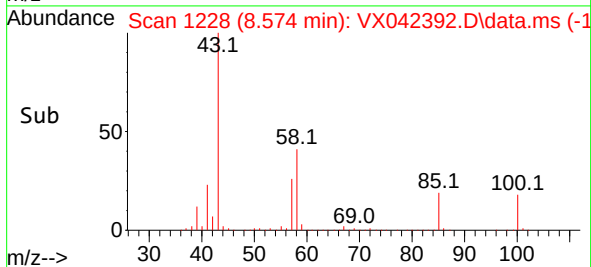
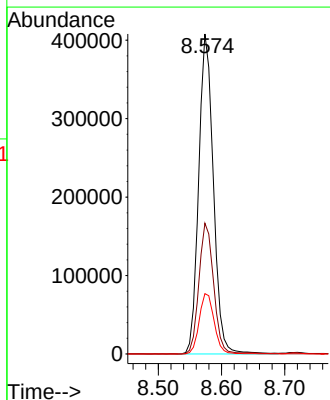
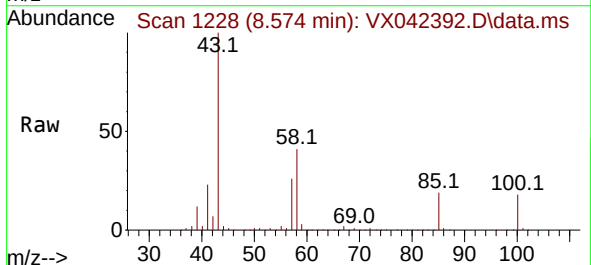
Manual Integrations
APPROVED

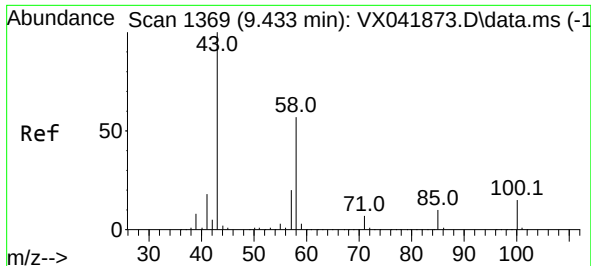
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#58
4-Methyl-2-Pentanone
Concen: 237.160 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

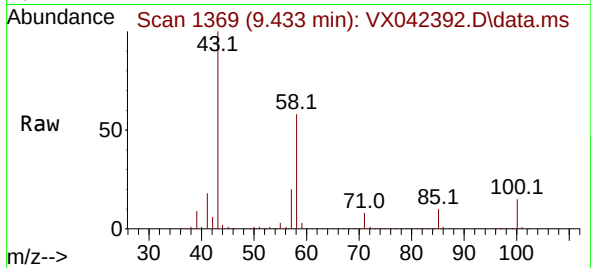
Tgt Ion: 43 Resp: 661173
Ion Ratio Lower Upper
43 100
58 40.8 33.2 49.8
85 19.2 15.5 23.3





#59
2-Hexanone
Concen: 235.504 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

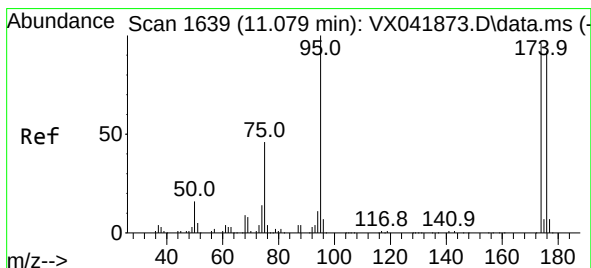
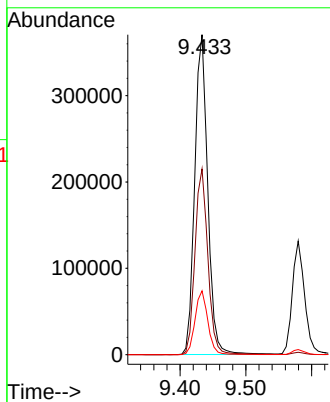
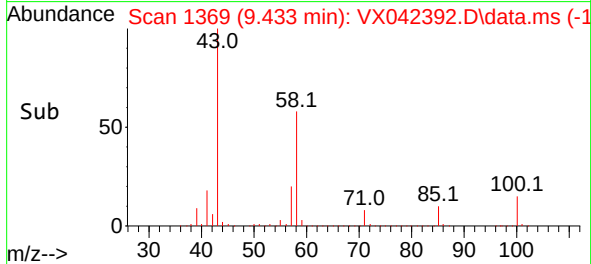
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 43 Resp: 506754
Ion Ratio Lower Upper
43 100
58 57.8 46.0 69.0
57 19.6 15.8 23.6

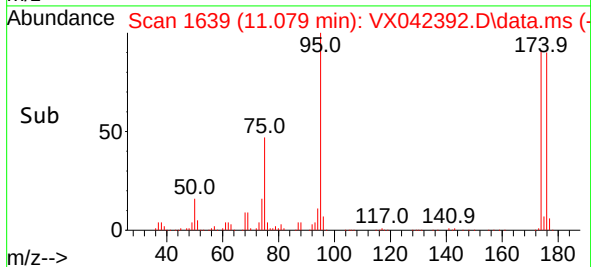
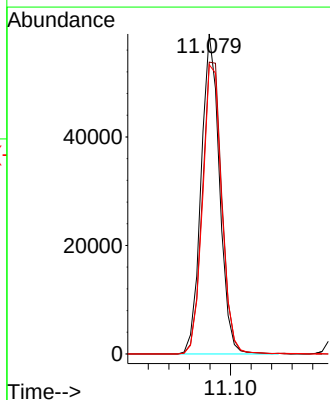
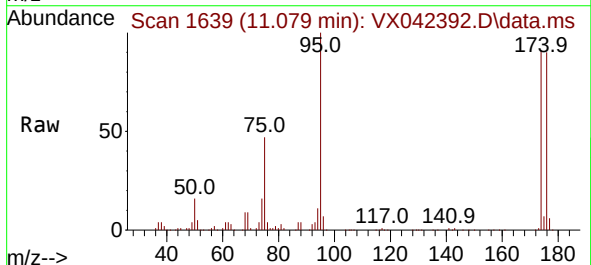
Manual Integrations
APPROVED

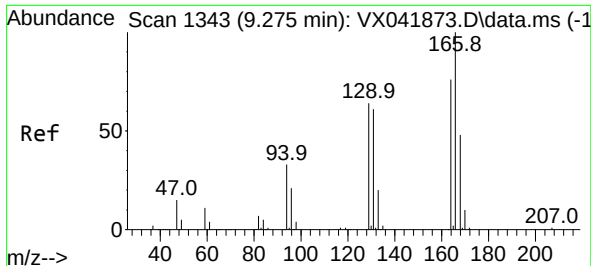
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#60
4-Bromofluorobenzene
Concen: 30.455 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

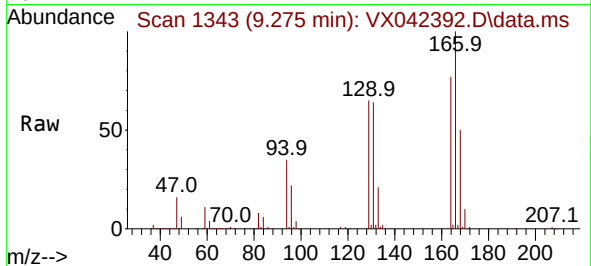
Tgt Ion: 95 Resp: 73343
Ion Ratio Lower Upper
95 100
174 96.7 78.9 118.3
176 93.9 77.1 115.7





#61
Tetrachloroethene
Concen: 44.216 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

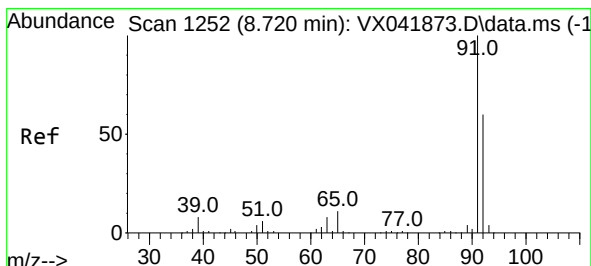
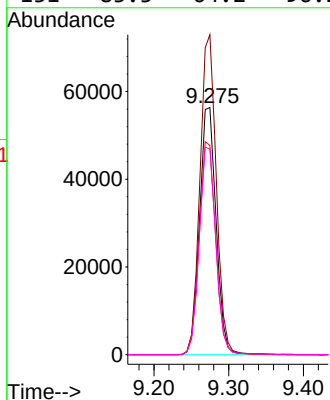
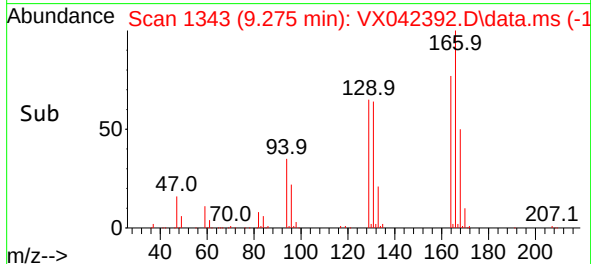
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



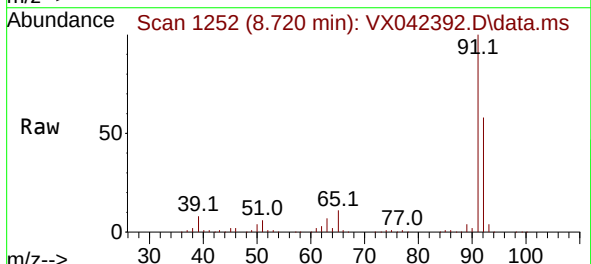
Tgt Ion:164 Resp: 8656
Ion Ratio Lower Upper
164 100
166 129.5 105.0 157.6
129 84.7 67.1 100.7
131 83.3 64.2 96.2

Manual Integrations
APPROVED

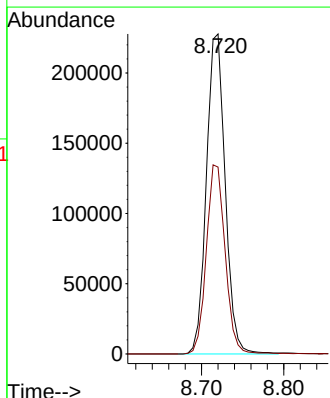
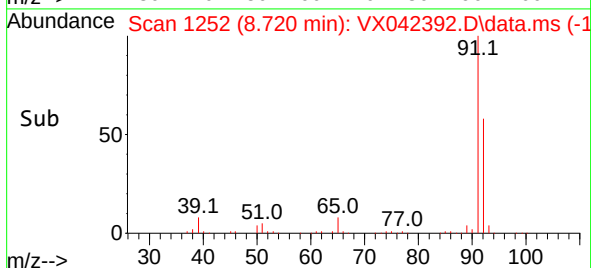
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

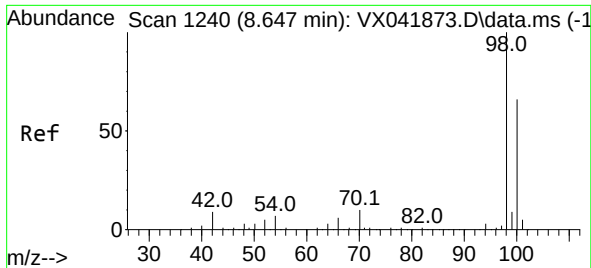


#62
Toluene
Concen: 45.890 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10



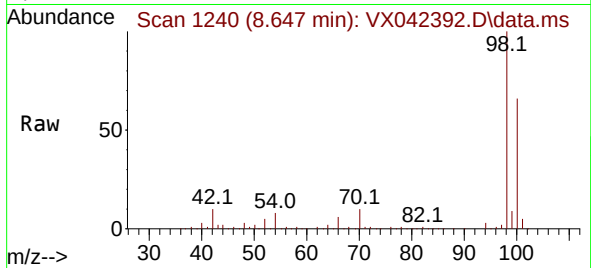
Tgt Ion: 91 Resp: 361287
Ion Ratio Lower Upper
91 100
92 59.2 47.4 71.2





#63
Toluene-d8
Concen: 30.320 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

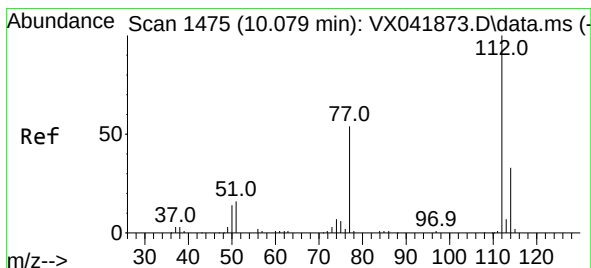
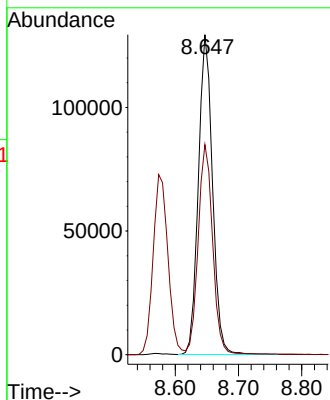
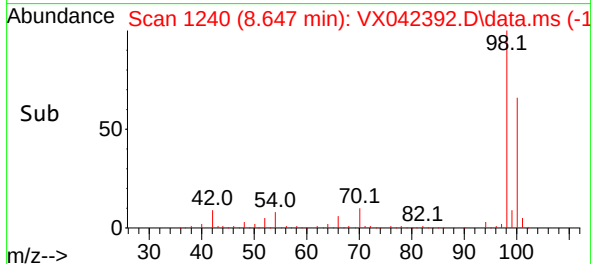
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



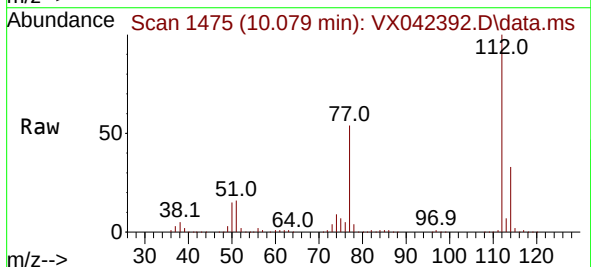
Tgt Ion: 98 Resp: 201820
Ion Ratio Lower Upper
98 100
100 66.9 52.7 79.1

Manual Integrations
APPROVED

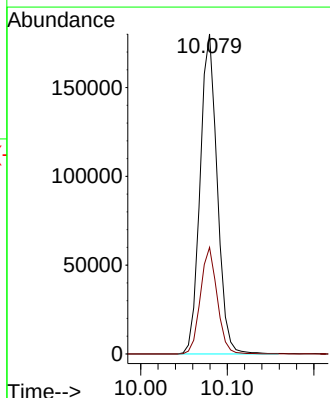
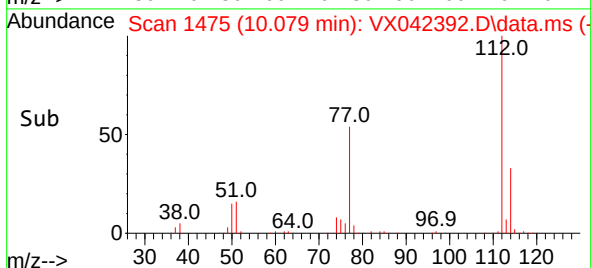
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

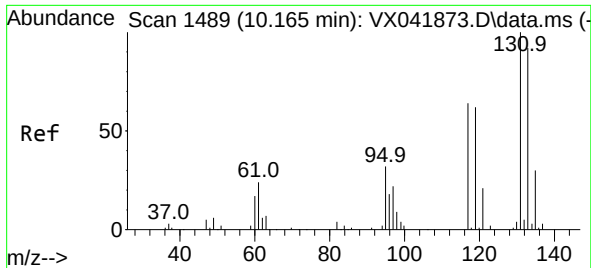


#64
Chlorobenzene
Concen: 46.148 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10



Tgt Ion:112 Resp: 247409
Ion Ratio Lower Upper
112 100
114 33.3 26.2 39.4





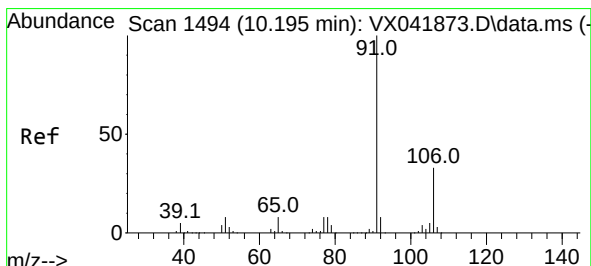
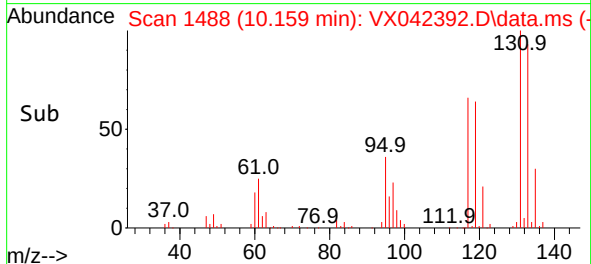
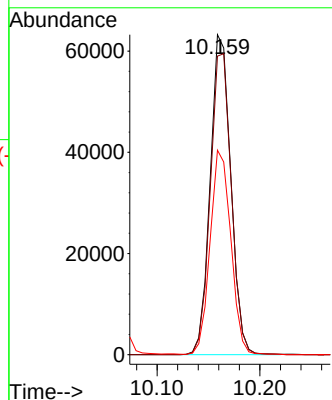
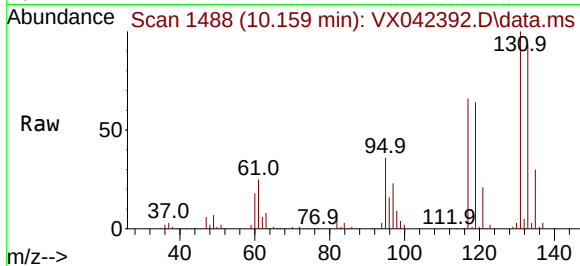
#65
1,1,1,2-Tetrachloroethane
Concen: 47.625 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:131 Resp: 8818
Ion Ratio Lower Upper
131 100
133 96.0 0.0 194.8
119 64.3 0.0 127.6

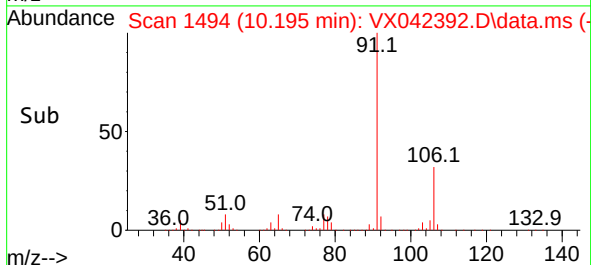
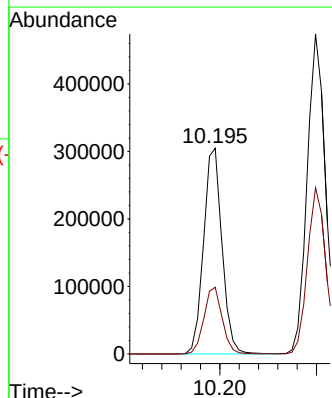
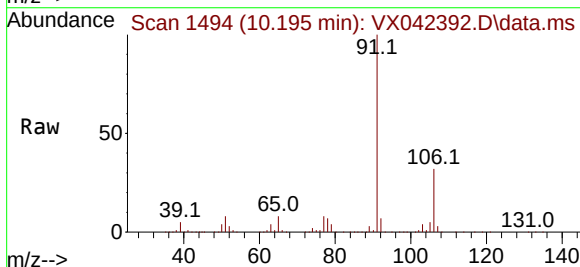
Manual Integrations
APPROVED

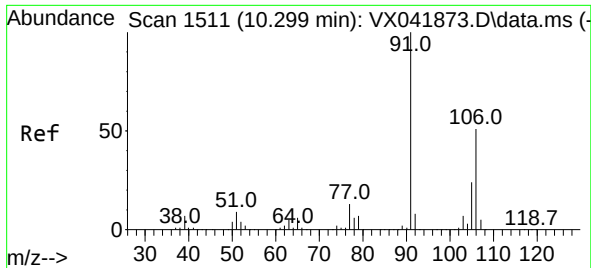
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#66
Ethyl Benzene
Concen: 46.955 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

Tgt Ion: 91 Resp: 404162
Ion Ratio Lower Upper
91 100
106 32.5 26.4 39.6





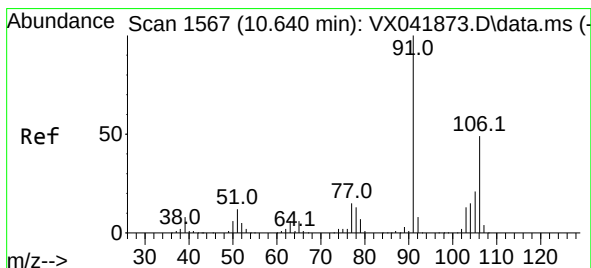
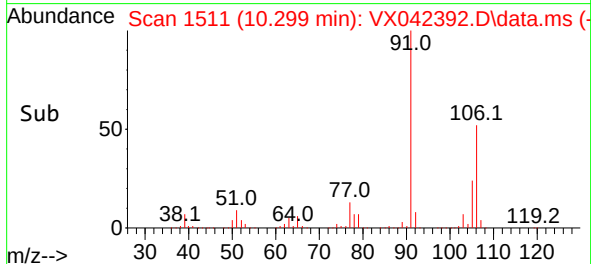
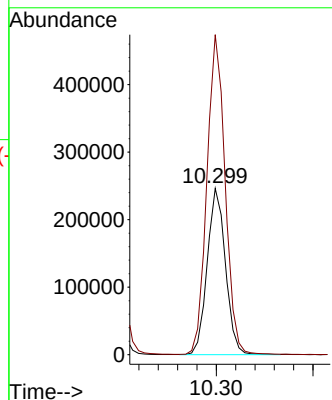
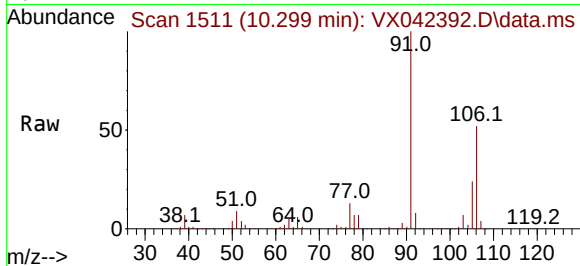
#67
m/p-Xylenes
Concen: 93.578 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:106 Resp: 32398
Ion Ratio Lower Upper
106 100
91 192.3 157.0 235.6

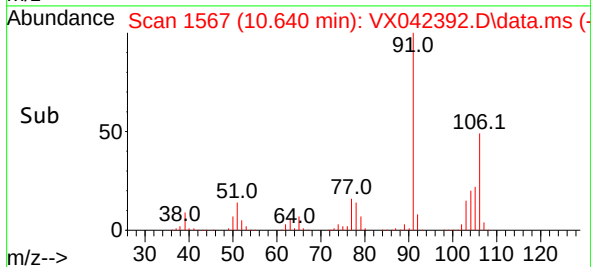
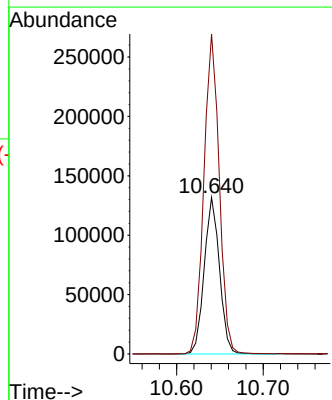
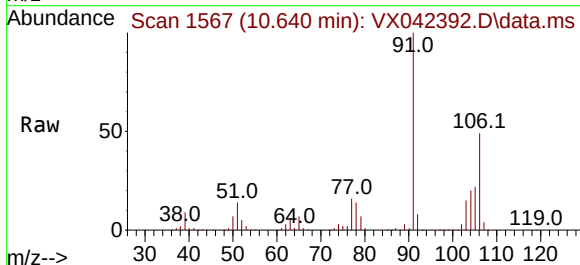
Manual Integrations
APPROVED

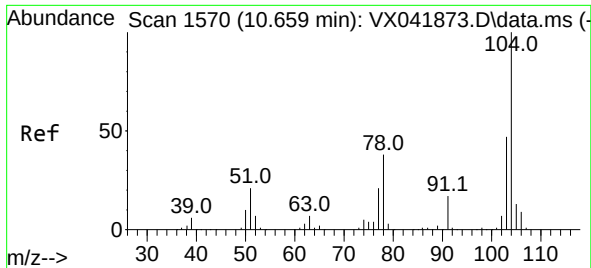
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#68
o-Xylene
Concen: 46.683 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

Tgt Ion:106 Resp: 161139
Ion Ratio Lower Upper
106 100
91 205.4 103.2 309.6





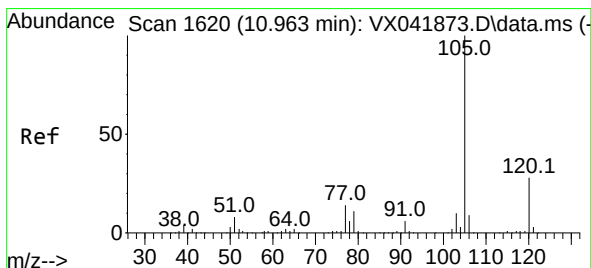
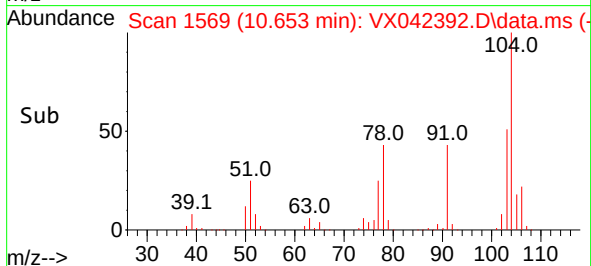
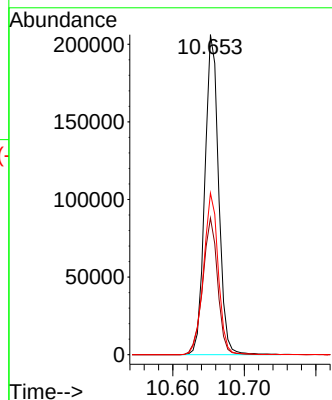
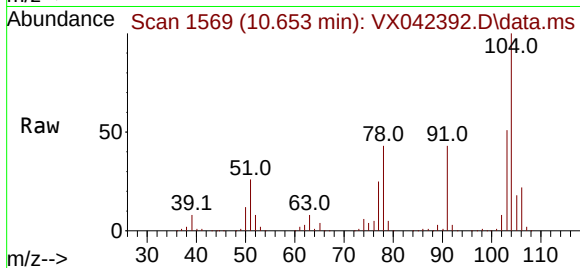
#69
Styrene
Concen: 47.939 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:104 Resp: 276524
Ion Ratio Lower Upper
104 100
78 46.2 36.5 54.7
103 54.0 43.4 65.2

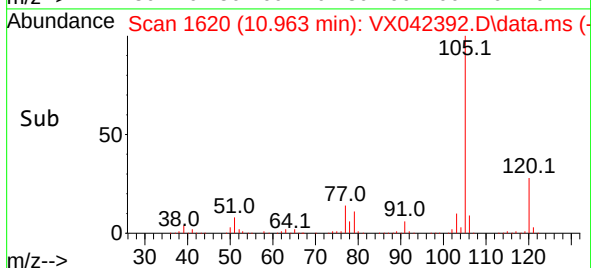
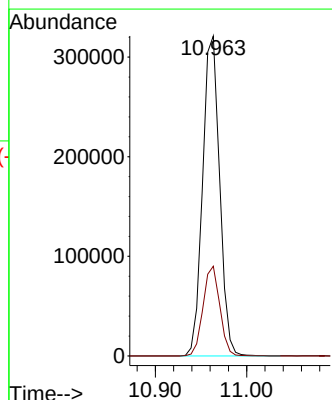
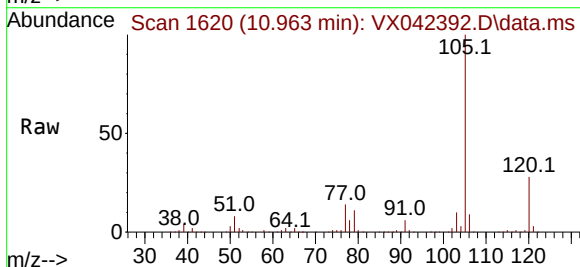
Manual Integrations
APPROVED

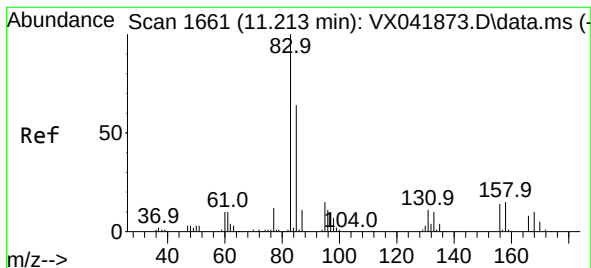
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#70
Isopropylbenzene
Concen: 47.770 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

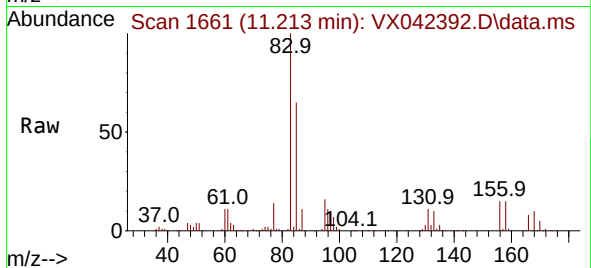
Tgt Ion:105 Resp: 414596
Ion Ratio Lower Upper
105 100
120 27.6 19.2 35.6





#71
1,1,2,2-Tetrachloroethane
Concen: 46.912 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

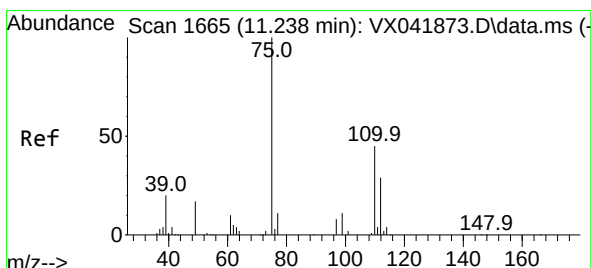
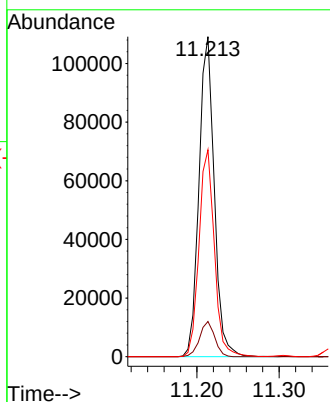
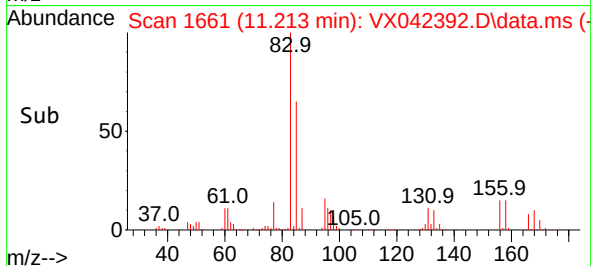
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



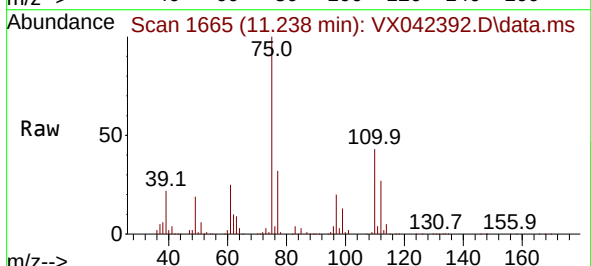
Tgt Ion: 83 Resp: 140908
Ion Ratio Lower Upper
83 100
131 10.9 5.5 16.7
85 65.1 32.6 97.7

Manual Integrations
APPROVED

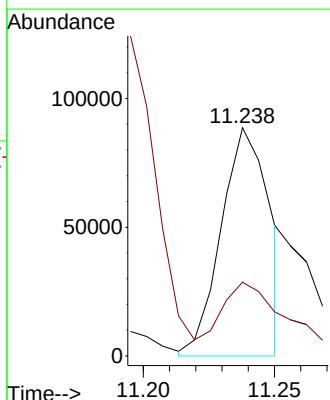
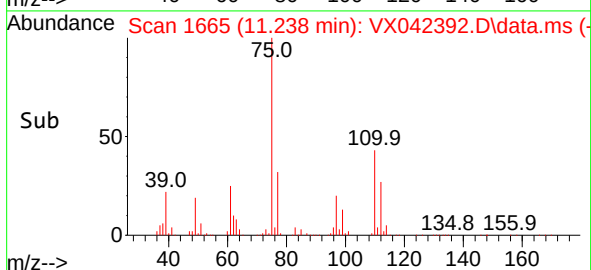
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

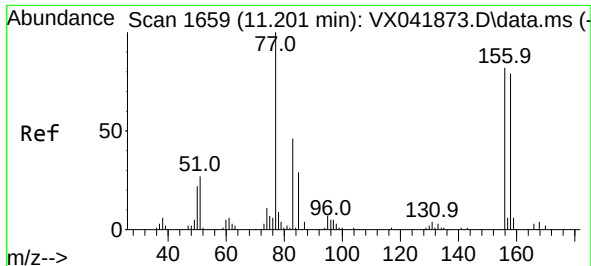


#72
1,2,3-Trichloropropane
Concen: 46.631 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10



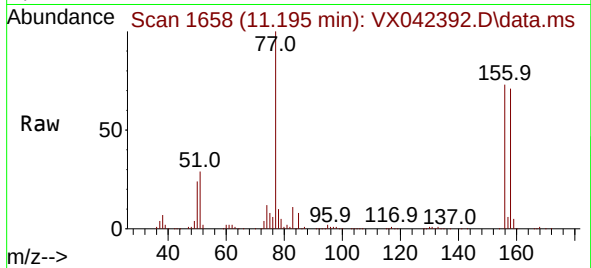
Tgt Ion: 75 Resp: 113445
Ion Ratio Lower Upper
75 100
77 44.4 0.0 79.6





#73
Bromobenzene
Concen: 46.448 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

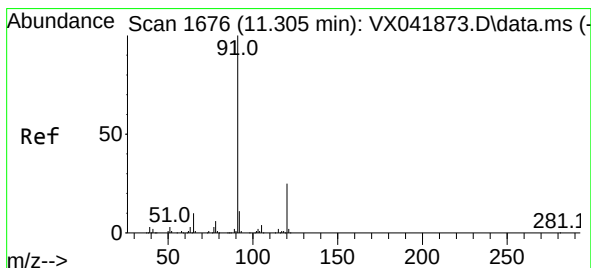
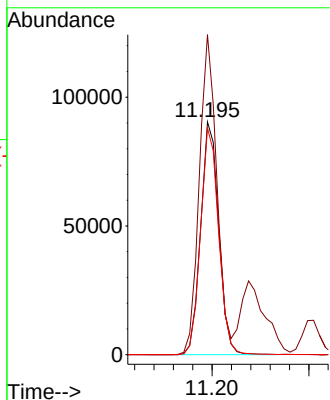
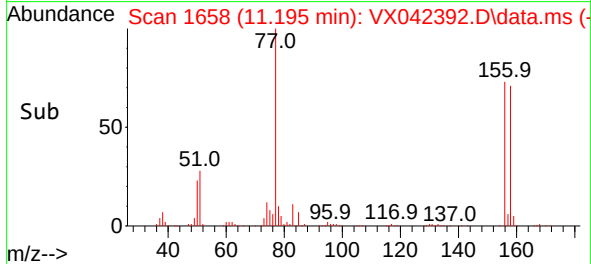
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



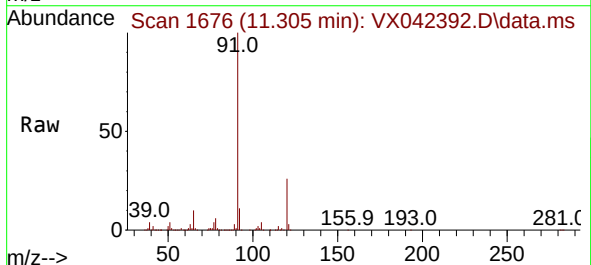
Tgt Ion:156 Resp: 117580
Ion Ratio Lower Upper
156 100
77 133.1 0.0 266.2
158 97.2 0.0 195.2

Manual Integrations
APPROVED

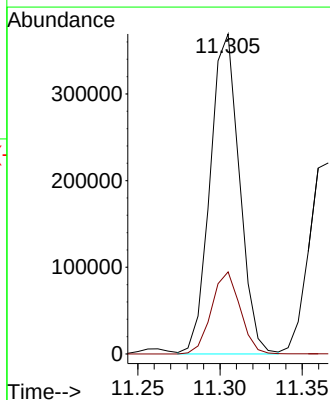
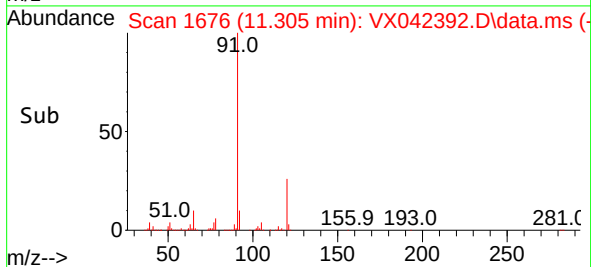
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

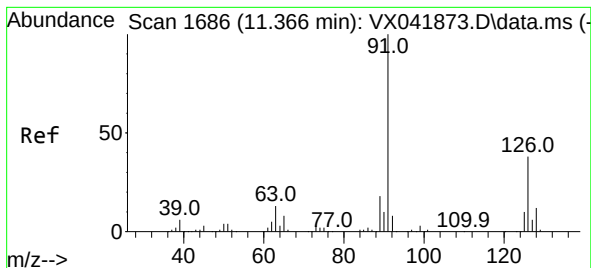


#74
n-propylbenzene
Concen: 48.182 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10



Tgt Ion: 91 Resp: 459360
Ion Ratio Lower Upper
91 100
120 24.9 0.0 49.6





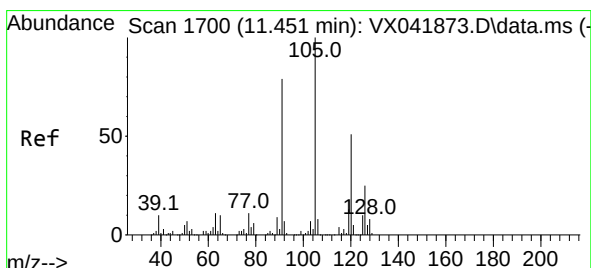
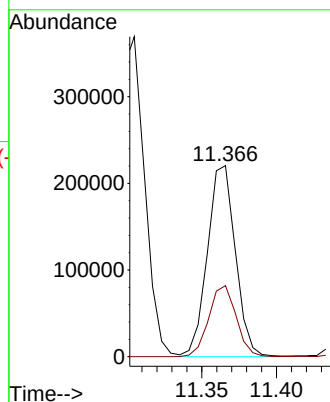
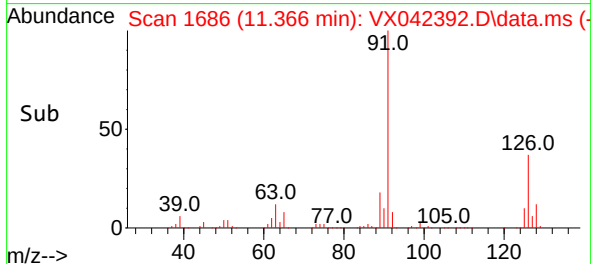
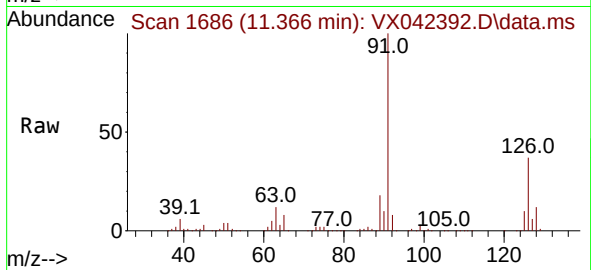
#75
2-Chlorotoluene
Concen: 47.383 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 91 Resp: 286858
Ion Ratio Lower Upper
91 100
126 36.4 0.0 72.6

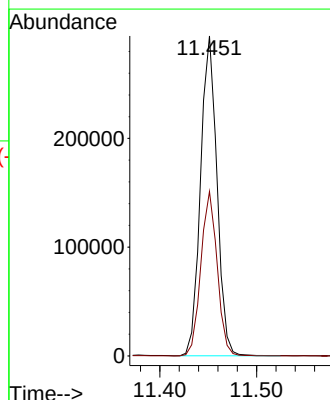
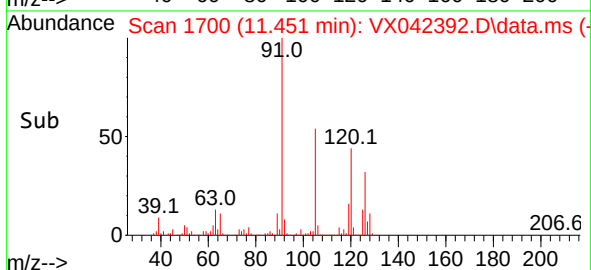
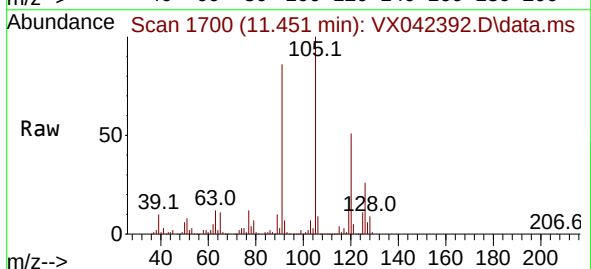
Manual Integrations
APPROVED

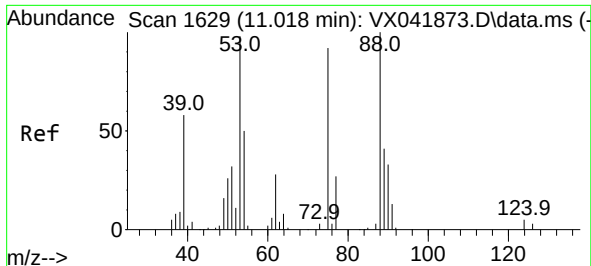
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#76
1,3,5-Trimethylbenzene
Concen: 47.821 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

Tgt Ion:105 Resp: 347709
Ion Ratio Lower Upper
105 100
120 51.2 0.0 103.0





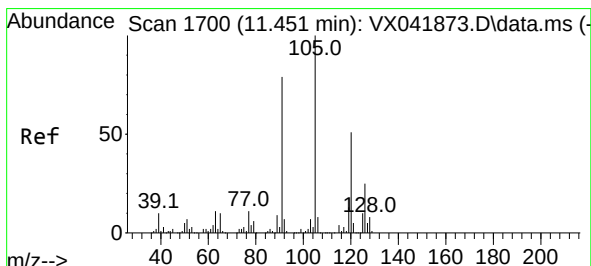
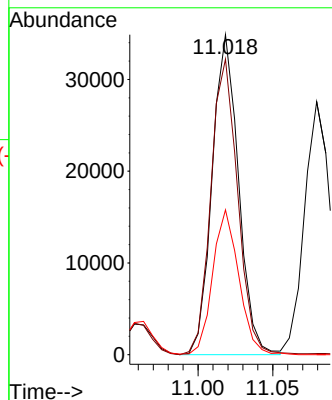
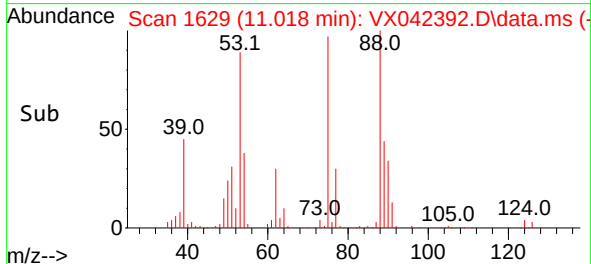
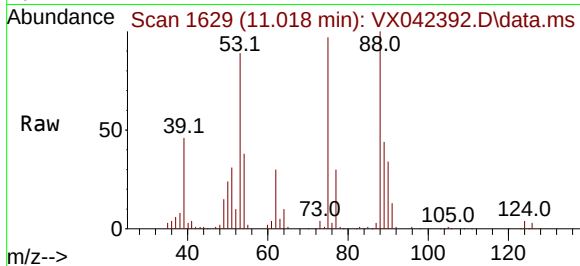
#77
t-1,4-Dichloro-2-butene
Concen: 47.520 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 75 Resp: 4276
Ion Ratio Lower Upper
75 100
53 92.3 53.4 160.2
89 45.0 22.5 67.5

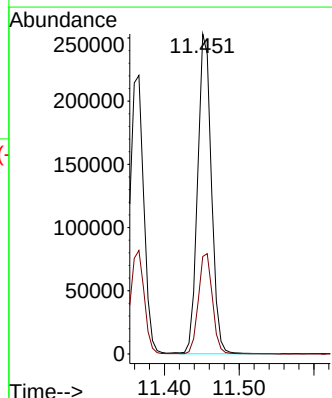
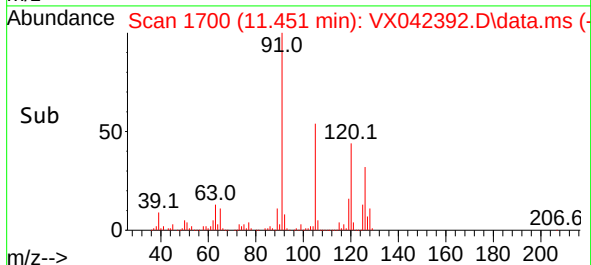
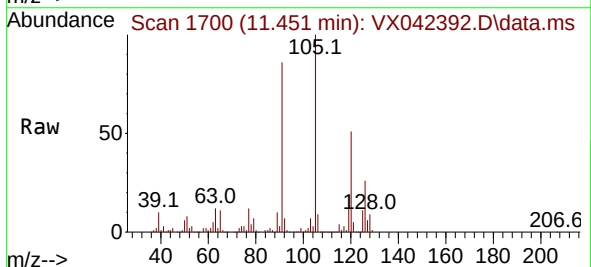
Manual Integrations
APPROVED

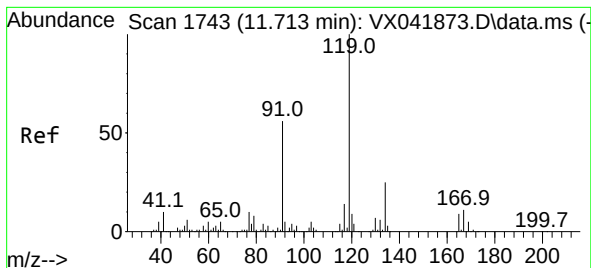
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#78
4-Chlorotoluene
Concen: 48.033 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

Tgt Ion: 91 Resp: 323034
Ion Ratio Lower Upper
91 100
126 31.8 0.0 64.8





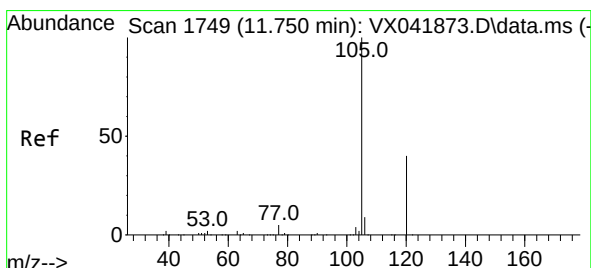
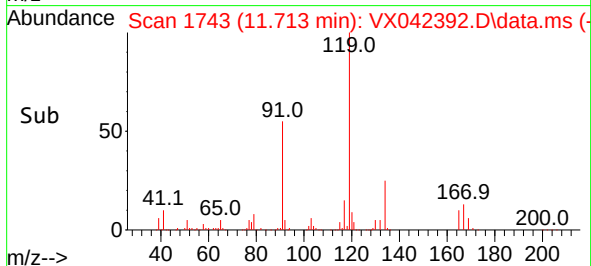
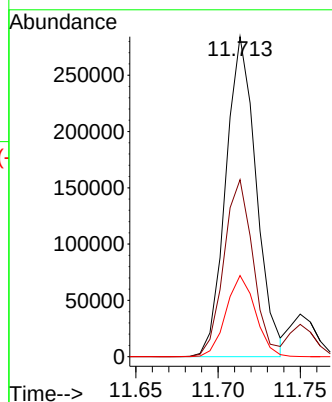
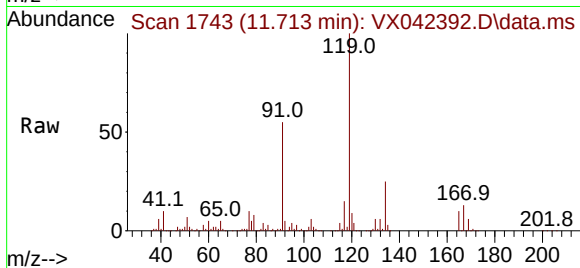
#79
tert-butylbenzene
Concen: 47.467 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion:119 Resp: 36635
Ion Ratio Lower Upper
119 100
91 53.5 0.0 106.0
134 24.5 0.0 49.4

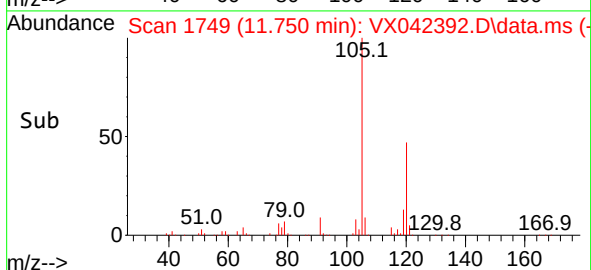
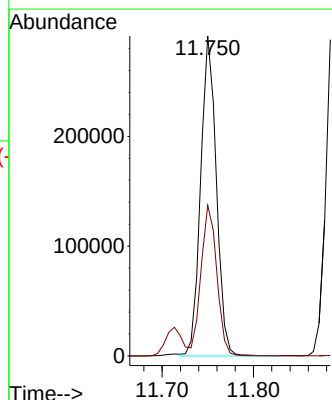
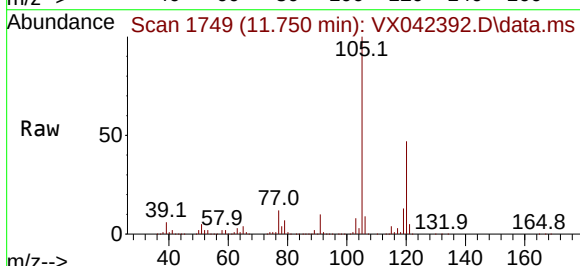
Manual Integrations
APPROVED

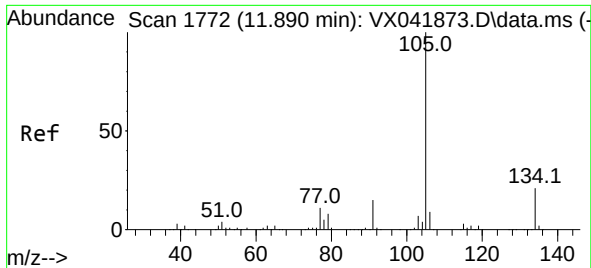
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#80
1,2,4-Trimethylbenzene
Concen: 47.950 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

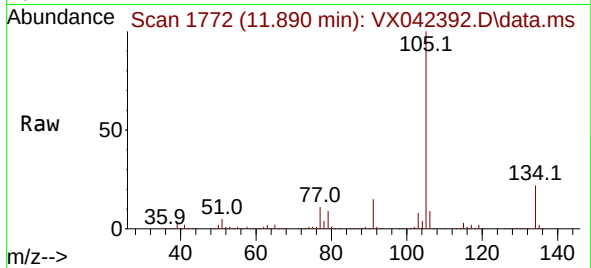
Tgt Ion:105 Resp: 348312
Ion Ratio Lower Upper
105 100
120 46.9 0.0 96.2





#81
 sec-Butylbenzene
 Concen: 48.512 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX042392.D
 Acq: 19 Jul 2024 10:10

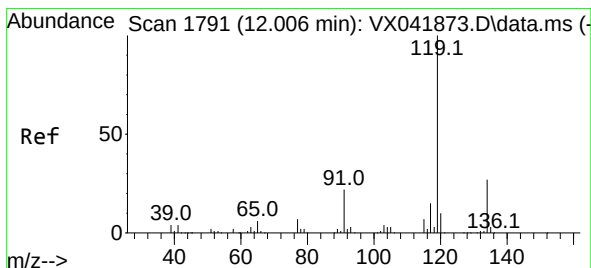
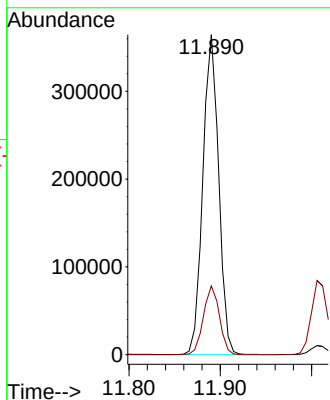
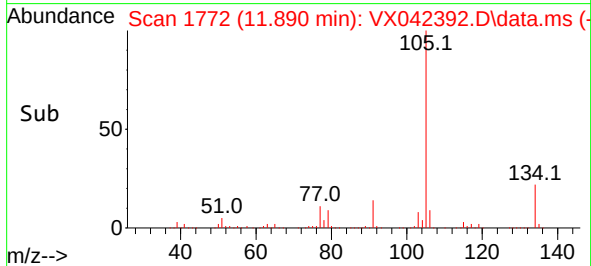
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050



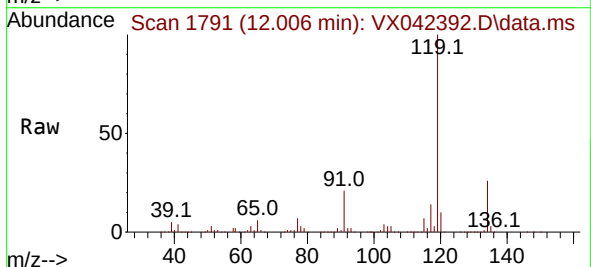
Tgt Ion:105 Resp: 436705
 Ion Ratio Lower Upper
 105 100
 134 21.7 0.0 43.2

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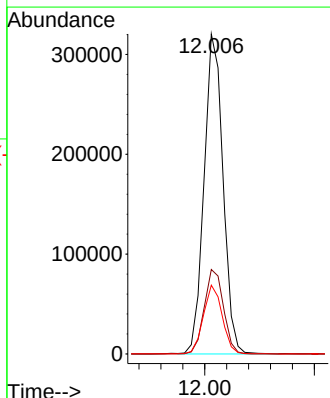
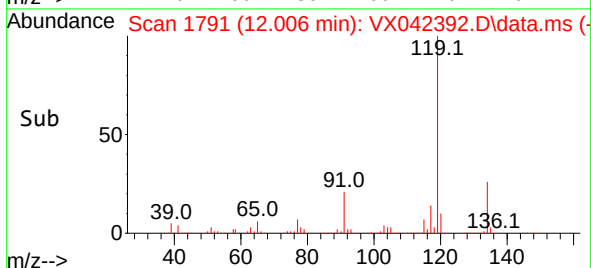
Reviewed By :John Carlone 07/19/2024
 Supervised By :Mahesh Dadoda 07/22/2024

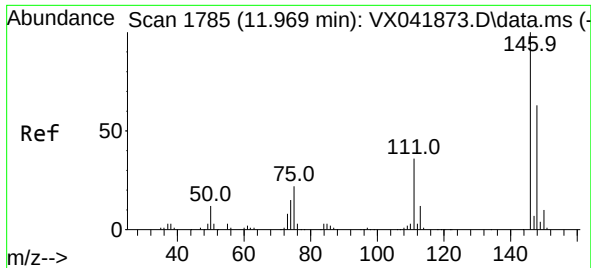


#82
 p-Isopropyltoluene
 Concen: 48.759 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX042392.D
 Acq: 19 Jul 2024 10:10



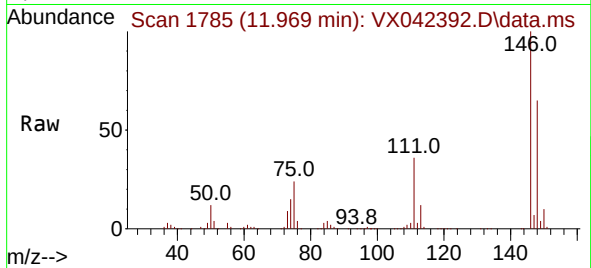
Tgt Ion:119 Resp: 384638
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 54.0
 91 21.3 0.0 42.2





#83
1,3-Dichlorobenzene
Concen: 46.389 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

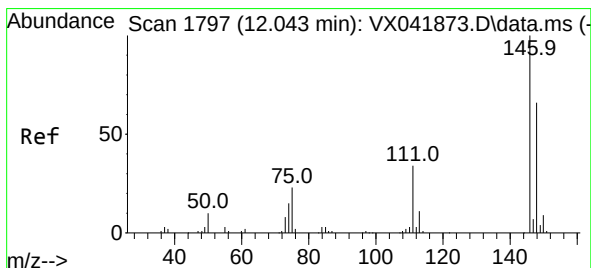
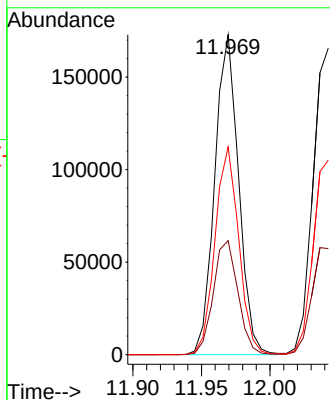
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



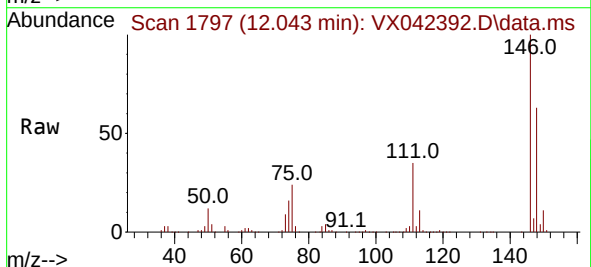
Tgt Ion:146 Resp: 209392
Ion Ratio Lower Upper
146 100
111 36.5 18.0 54.0
148 64.6 31.9 95.7

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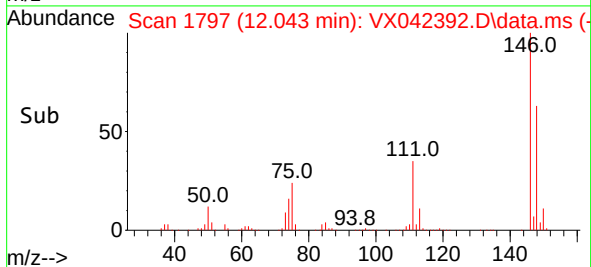
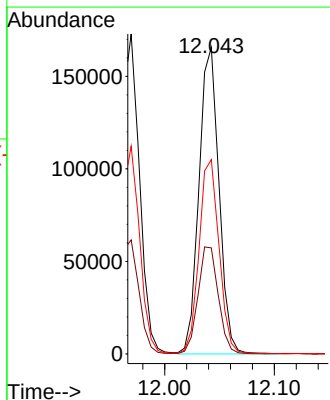
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

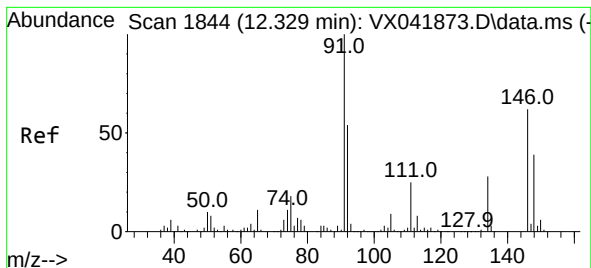


#84
1,4-Dichlorobenzene
Concen: 46.776 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10



Tgt Ion:146 Resp: 210165
Ion Ratio Lower Upper
146 100
111 35.6 17.4 52.3
148 63.7 32.3 96.9





#85

n-Butylbenzene

Concen: 49.088 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX042392.D

Acq: 19 Jul 2024 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 91 Resp: 299439

Ion Ratio Lower Upper

91 100

92 55.6 0.0 109.8

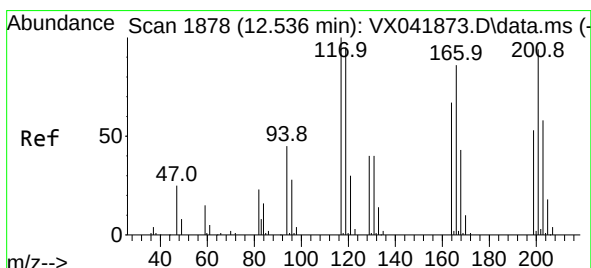
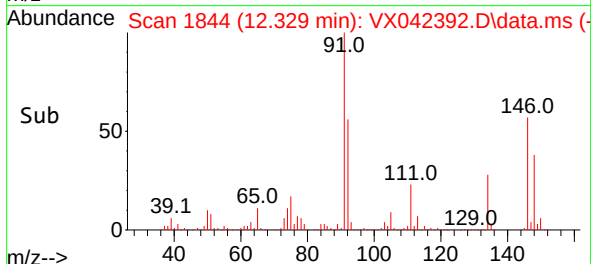
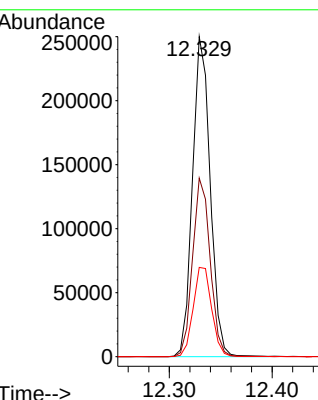
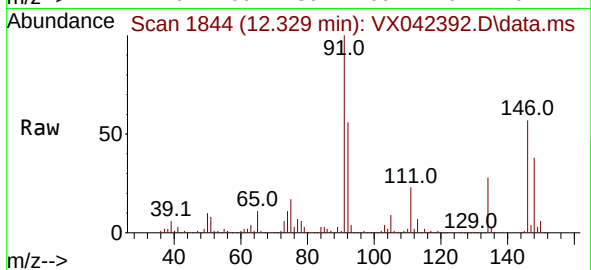
134 29.1 0.0 58.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#86

Hexachloroethane

Concen: 49.228 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX042392.D

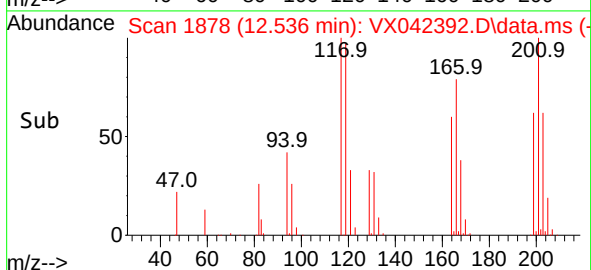
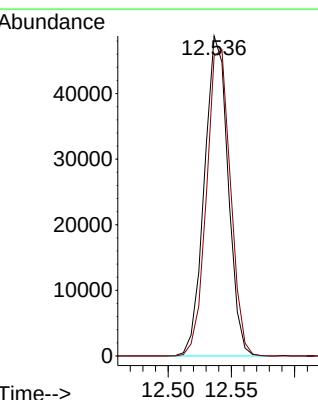
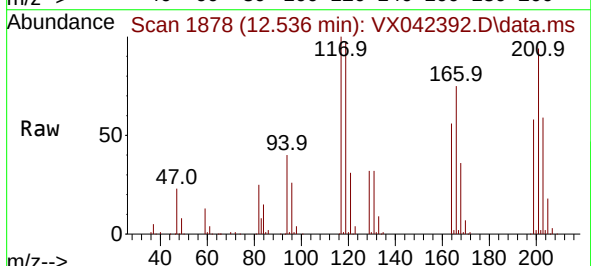
Acq: 19 Jul 2024 10:10

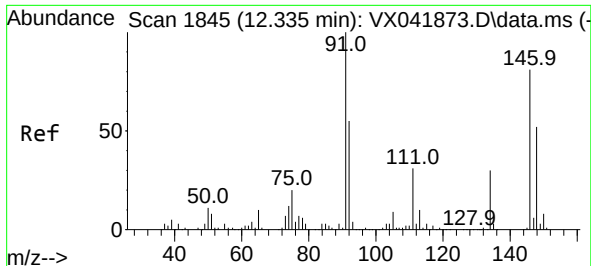
Tgt Ion:117 Resp: 63419

Ion Ratio Lower Upper

117 100

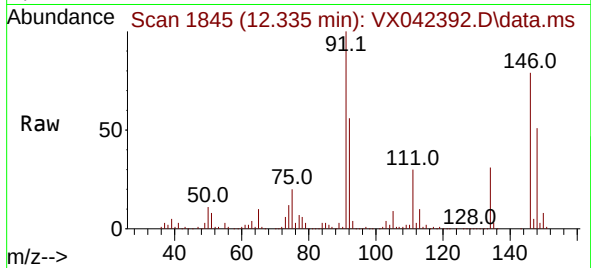
201 96.6 48.9 146.8





#87
1,2-Dichlorobenzene
Concen: 46.907 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

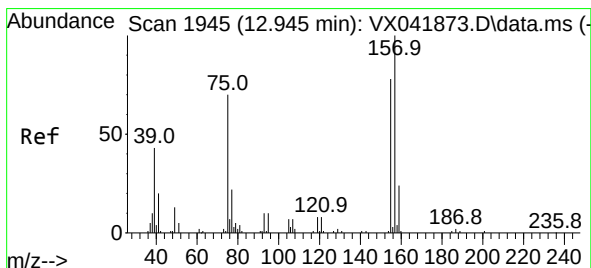
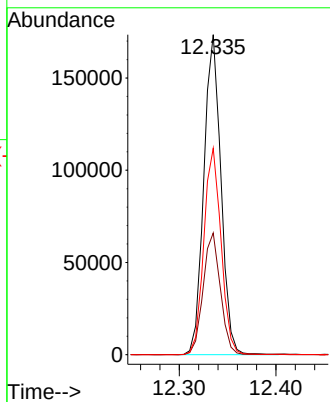
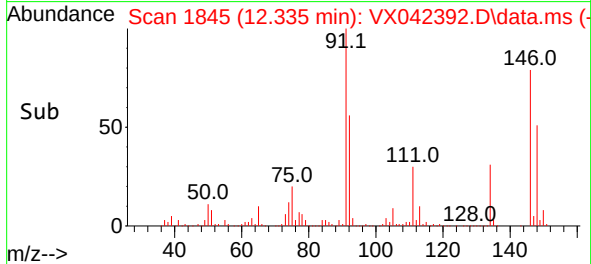
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:146 Resp: 21412
Ion Ratio Lower Upper
146 100
111 38.2 19.1 57.3
148 64.7 32.4 97.0

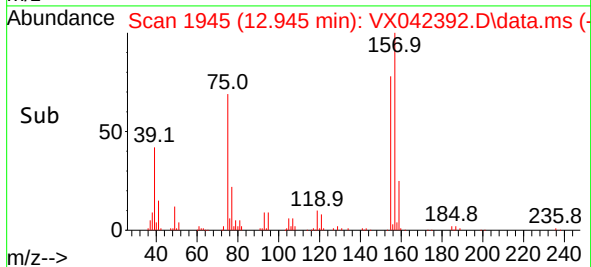
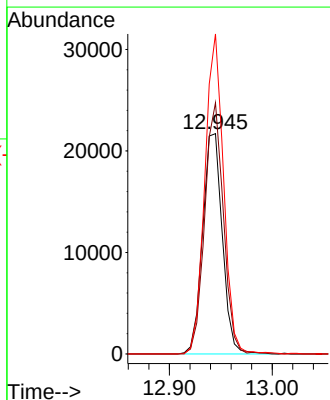
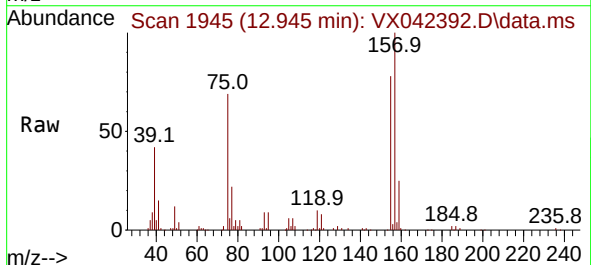
Manual Integrations
APPROVED

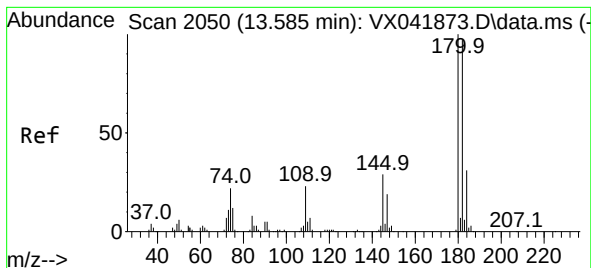
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 46.760 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

Tgt Ion: 75 Resp: 29051
Ion Ratio Lower Upper
75 100
155 108.0 88.6 133.0
157 137.3 112.8 169.2





#89

1,2,4-Trichlorobenzene

Concen: 46.654 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX042392.D

Acq: 19 Jul 2024 10:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

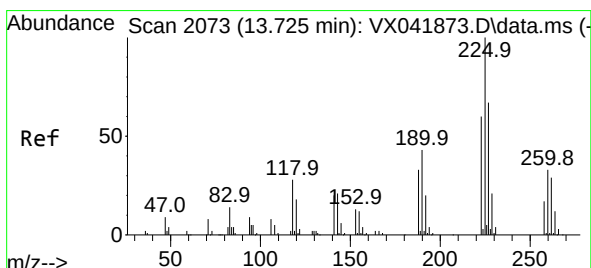
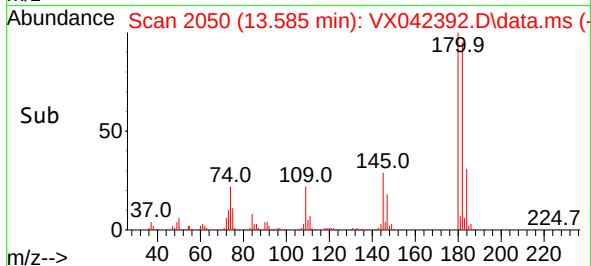
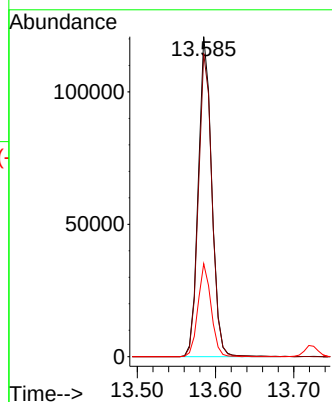
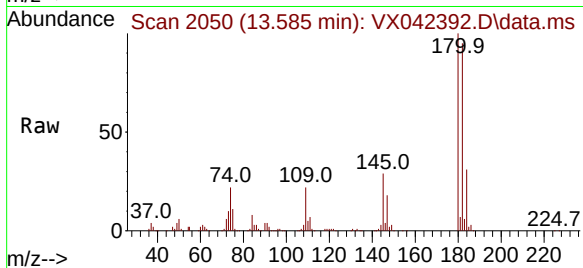
Tgt Ion:180	Resp:	144160
Ion Ratio	Lower	Upper
180	100	
182	95.8	76.9 115.3
145	28.3	22.8 34.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#90

Hexachlorobutadiene

Concen: 46.855 ug/l

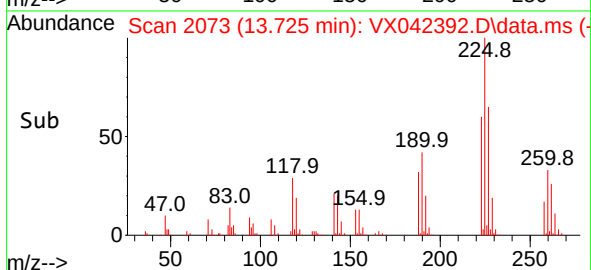
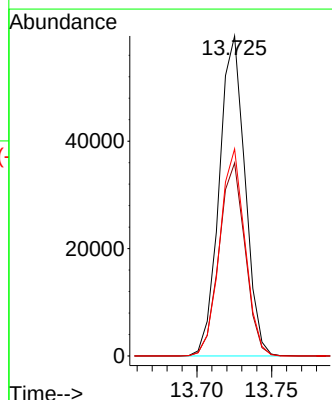
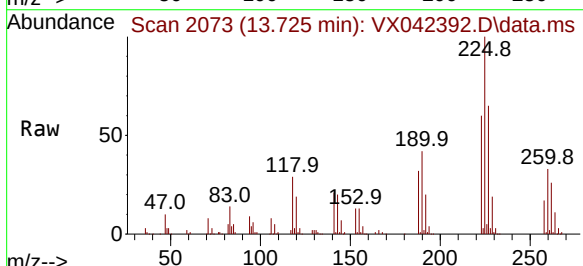
RT: 13.725 min Scan# 2073

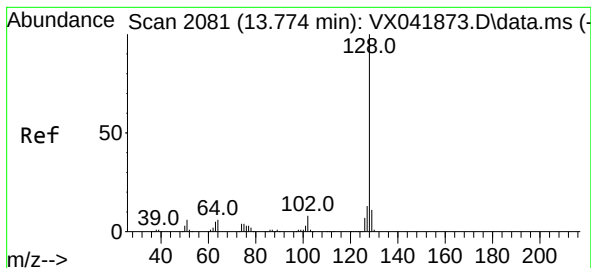
Delta R.T. 0.000 min

Lab File: VX042392.D

Acq: 19 Jul 2024 10:10

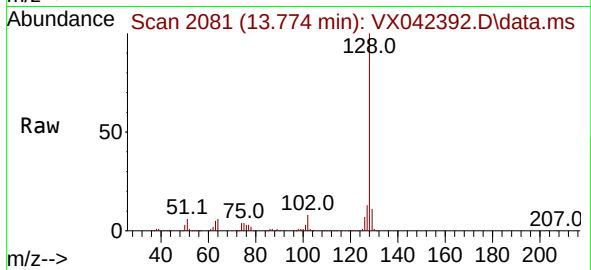
Tgt Ion:225	Resp:	71345
Ion Ratio	Lower	Upper
225	100	
223	60.7	0.0 120.8
227	63.4	0.0 126.6





#91
Naphthalene
Concen: 47.732 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10

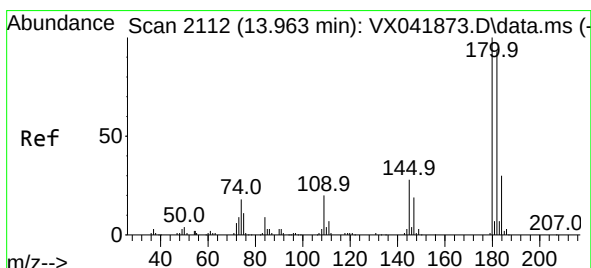
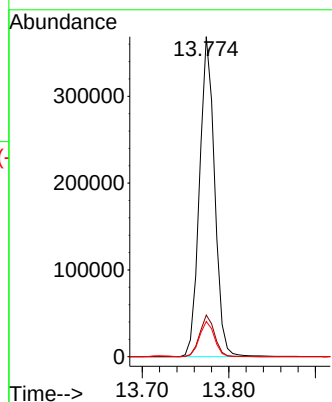
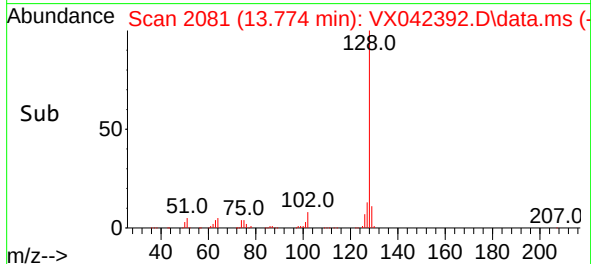
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



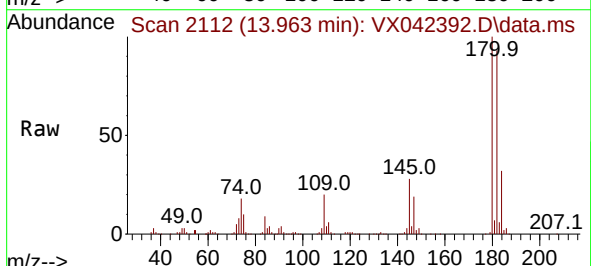
Tgt Ion:128 Resp: 445670
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.0 8.7 13.1

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: 46.462 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX042392.D
Acq: 19 Jul 2024 10:10



Tgt Ion:180 Resp: 148691
Ion Ratio Lower Upper
180 100
182 96.0 0.0 187.8
145 30.2 0.0 58.4

