

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061424\
 Data File : VX041876.D
 Acq On : 14 Jun 2024 14:29
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/17/2024
 Supervised By : Mahesh Dadoda 06/17/2024

Quant Time: Jun 15 03:41:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 03:37:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	30325	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	177176	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	167553	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	61689	29.551	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	98.500%	
60) 4-Bromofluorobenzene	11.079	95	78474	30.257	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	100.867%	
63) Toluene-d8	8.647	98	209845	29.273	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	97.567%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	300910	153.290	ug/l	99
3) Chloromethane	1.301	50	332089	151.338	ug/l	98
4) Vinyl Chloride	1.374	62	326855	152.316	ug/l	98
5) Bromomethane	1.599	94	172760	150.603	ug/l	100
6) Chloroethane	1.660	64	133934	146.085	ug/l	99
7) Trichlorofluoromethane	1.868	101	383182	141.788	ug/l	98
8) Diethyl Ether	2.136	74	176231	150.681	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.313	101	277444	151.013	ug/l	99
10) 1,1-Dichloroethene	2.307	96	284357	153.434	ug/l	97
11) Methyl Iodide	2.441	142	368794	152.893	ug/l	99
12) Methyl Acetate	2.709	43	343682	145.453	ug/l	99
13) Acrolein	2.239	56	373714	784.408	ug/l	99
14) Acrylonitrile	3.075	53	849337	757.339	ug/l	98
15) Acetone	2.398	58	236194	736.227	ug/l	95
16) Carbon Disulfide	2.502	76	709134	174.597	ug/l	100
17) Allyl chloride	2.660	41	423673	150.524	ug/l	99
18) Methylene Chloride	2.782	84	306523	144.195	ug/l	95
19) trans-1,2-Dichloroethene	3.087	96	285120	153.577	ug/l	99
20) Diisopropyl ether	3.770	45	874246	151.112	ug/l	93
21) 1,1-Dichloroethane	3.605	63	501924	151.883	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	347383	154.575	ug/l	99
23) tert-Butyl Alcohol	3.008	59	355709	808.588	ug/l #	100
24) Methyl tert-Butyl Ether	3.123	73	883120	154.044	ug/l	98
25) Chloroform	5.099	83	507313	151.054	ug/l	99
26) Cyclohexane	5.464	56	443828	154.627	ug/l #	99
29) 1,1-Dichloropropene	5.690	75	361963	156.528	ug/l	97
30) 2-Butanone	4.568	43	1149643	744.049	ug/l	99
31) 2,2-Dichloropropane	4.471	77	392183	154.781	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	456294	155.735	ug/l	99
33) Carbon Tetrachloride	5.672	117	407058	161.013	ug/l	98
34) Benzene	6.038	78	1151418	149.470	ug/l	99
35) Methacrylonitrile	4.928	41	243414	156.843	ug/l	95
36) 1,2-Dichloroethane	6.086	62	356955	148.744	ug/l	100
37) Trichloroethene	7.123	130	324619	154.278	ug/l	95
38) Methylcyclohexane	7.379	83	480250	156.793	ug/l	98
39) 1,2-Dichloropropane	7.428	63	276956	150.933	ug/l	98
40) Dibromomethane	7.580	93	205575	151.445	ug/l	98
41) Bromodichloromethane	7.824	83	392495	161.400	ug/l	98
42) Vinyl Acetate	3.727	43	3971225	767.852	ug/l	99

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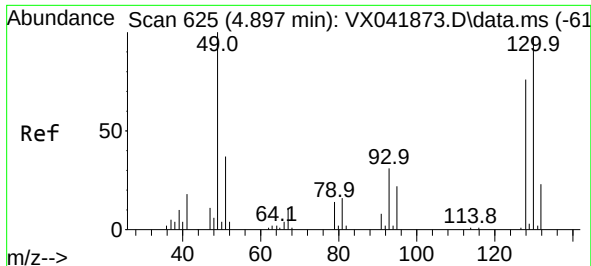
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 Supervised By : Mahesh Dadoda 06/17/2024

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.727	43	439286	151.630	ug/l	99
44) Isopropyl Acetate	6.348	43	686855	158.289	ug/l	100
45) 1,4-Dioxane	7.665	88	161609	3003.988	ug/l	99
46) Methyl methacrylate	7.696	41	341635	161.027	ug/l	99
47) n-amyl Acetate	10.842	43	648153	166.433	ug/l	97
48) t-1,3-Dichloropropene	8.976	75	428241	171.034	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	460966	164.126	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	297115	150.533	ug/l	98
51) Ethyl methacrylate	9.116	69	506238	161.455	ug/l	99
52) 1,3-Dichloropropane	9.311	76	479536	148.612	ug/l	100
53) Dibromochloromethane	9.525	129	361352	167.295	ug/l	99
54) 1,2-Dibromoethane	9.610	107	320901	154.175	ug/l	100
55) 2-Chloroethyl vinyl ether	8.244	63	1102524	755.446	ug/l	99
56) Bromoform	10.799	173	310844	176.488	ug/l	99
58) 4-Methyl-2-Pentanone	8.580	43	2227491	741.901	ug/l	98
59) 2-Hexanone	9.433	43	1738052	750.011	ug/l	98
61) Tetrachloroethene	9.275	164	309629	146.857	ug/l	98
62) Toluene	8.720	91	1252754	147.752	ug/l	99
64) Chlorobenzene	10.079	112	865732	149.943	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	315900	158.423	ug/l	99
66) Ethyl Benzene	10.195	91	1409804	152.087	ug/l	99
67) m/p-Xylenes	10.299	106	1138061	305.226	ug/l	96
68) o-Xylene	10.640	106	567397	152.633	ug/l	97
69) Styrene	10.659	104	978238	157.474	ug/l	99
70) Isopropylbenzene	10.963	105	1414092	151.291	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	482437	149.141	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	381465m	137.581	ug/l	
73) Bromobenzene	11.201	156	419068	153.710	ug/l	99
74) n-propylbenzene	11.305	91	1603399	156.162	ug/l	99
75) 2-Chlorotoluene	11.366	91	984586	151.013	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	1217672	155.503	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	172365	177.835	ug/l	85
78) 4-Chlorotoluene	11.457	91	1128949	155.872	ug/l	99
79) tert-butylbenzene	11.713	119	1289242	155.108	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	1222879	156.318	ug/l	99
81) sec-Butylbenzene	11.890	105	1524360	157.237	ug/l	99
82) p-Isopropyltoluene	12.012	119	1354315	159.415	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	762539	156.864	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	766403	158.389	ug/l	100
85) n-Butylbenzene	12.329	91	1118664	170.282	ug/l	99
86) Hexachloroethane	12.536	117	240935	173.660	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	763300	155.261	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	111827	167.133	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	562192	168.933	ug/l	99
90) Hexachlorobutadiene	13.725	225	262105	159.834	ug/l	98
91) Naphthalene	13.774	128	1652215	164.311	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	564908	163.907	ug/l	99

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



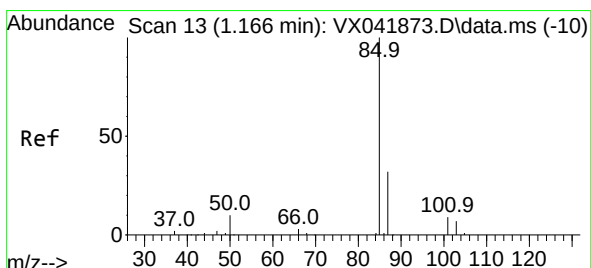
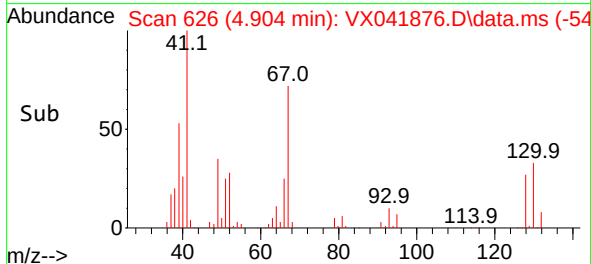
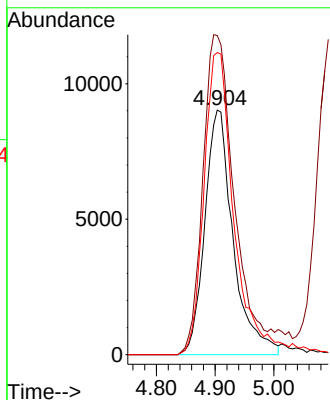
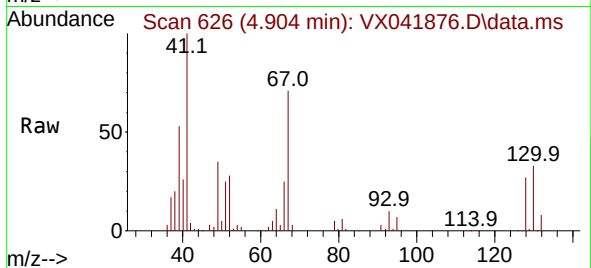
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Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 3032
Ion Ratio Lower Upper
128 100
49 143.3 0.0 338.5
130 129.9 0.0 324.5

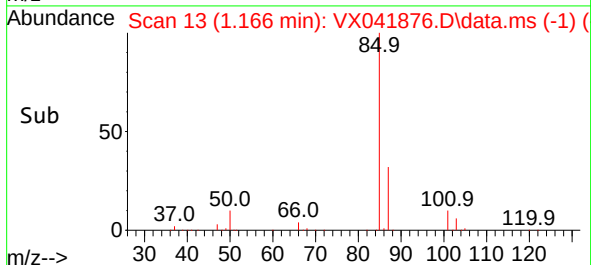
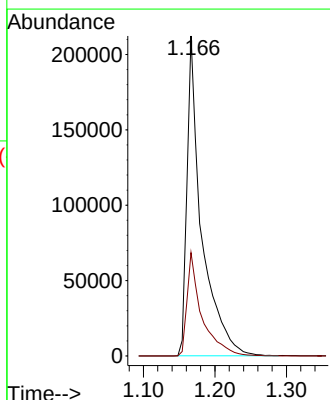
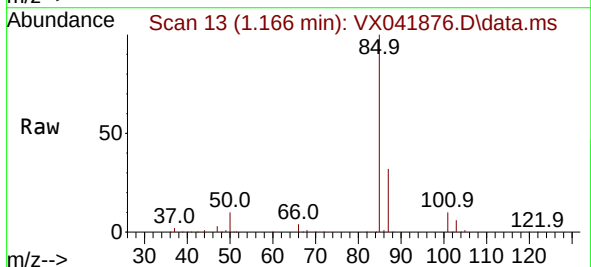
Manual Integrations
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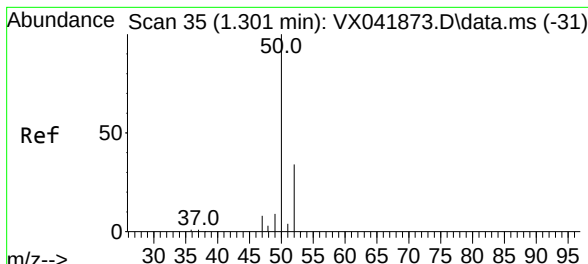
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#2
Dichlorodifluoromethane
Concen: 153.290 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

Tgt Ion: 85 Resp: 300910
Ion Ratio Lower Upper
85 100
87 32.3 15.8 47.3





#3
Chloromethane
Concen: 151.338 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

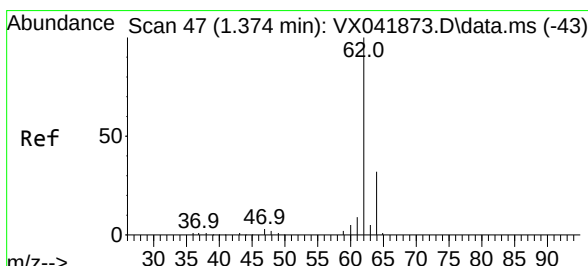
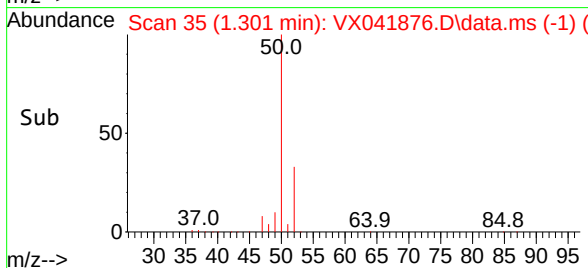
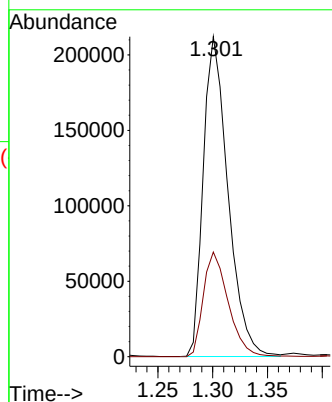
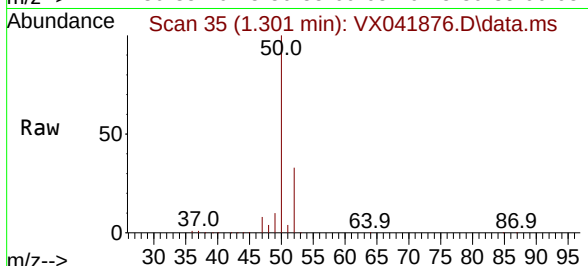
Tgt Ion: 50 Resp: 332085
Ion Ratio Lower Upper
50 100
52 32.7 26.9 40.3

Manual Integrations

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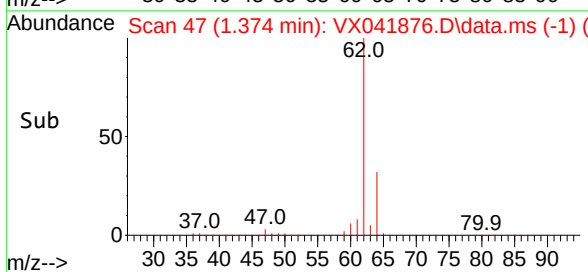
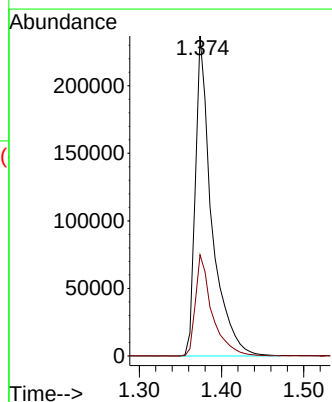
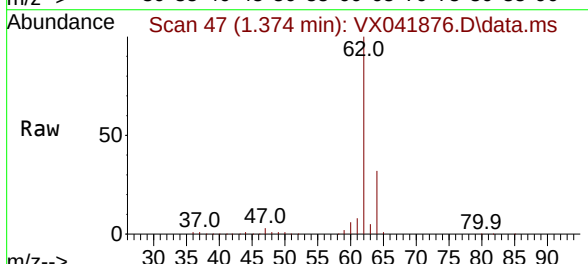
Reviewed By :John Carlone 06/17/2024

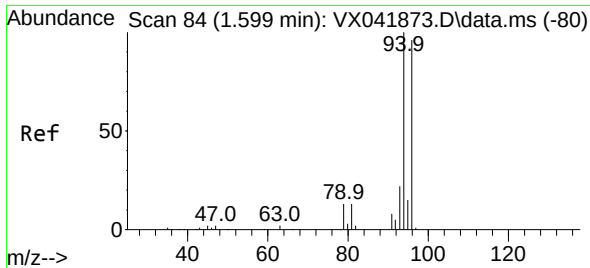
Supervised By :Mahesh Dadoda 06/17/2024



#4
Vinyl Chloride
Concen: 152.316 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

Tgt Ion: 62 Resp: 326855
Ion Ratio Lower Upper
62 100
64 31.6 26.1 39.1





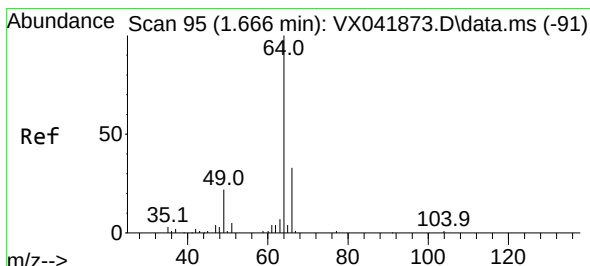
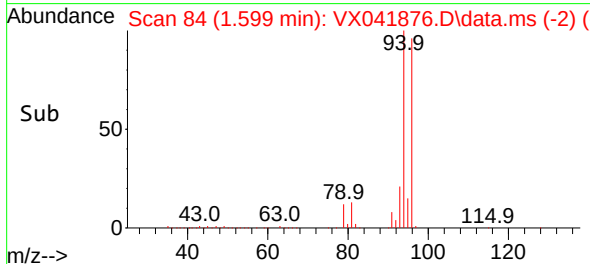
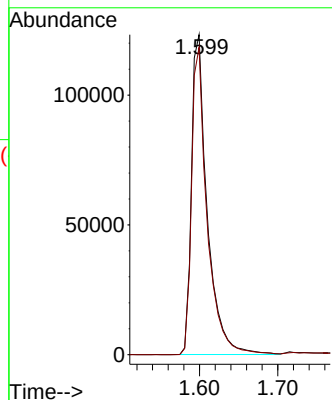
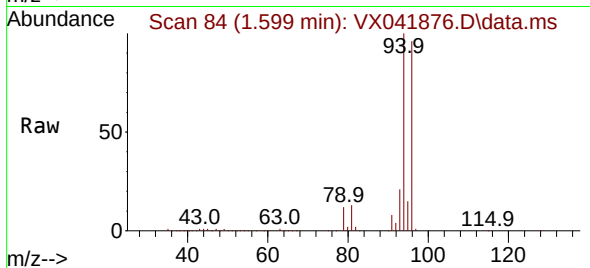
#5
Bromomethane
Concen: 150.603 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 94 Resp: 172760
Ion Ratio Lower Upper
94 100
96 96.0 76.6 115.0

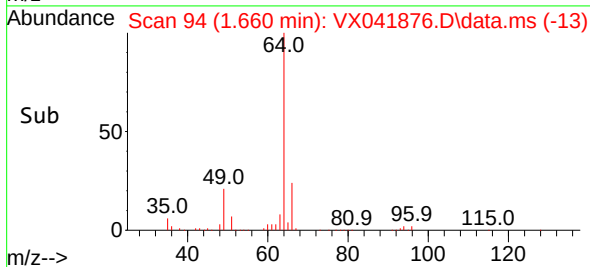
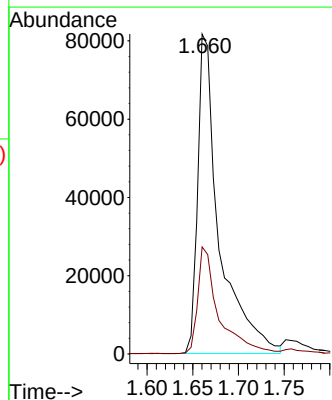
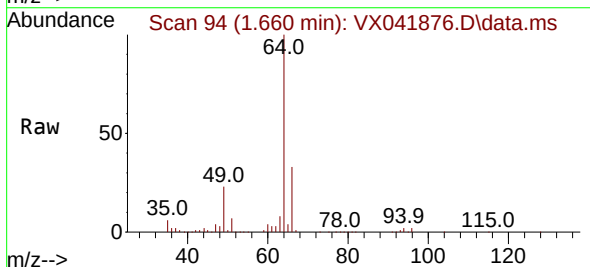
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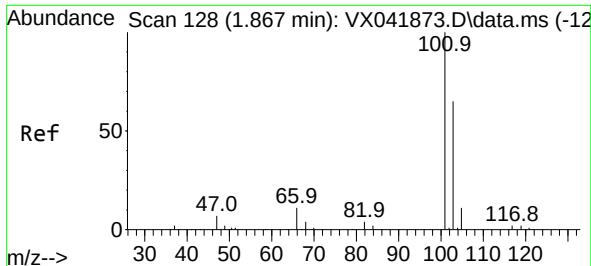
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#6
Chloroethane
Concen: 146.085 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

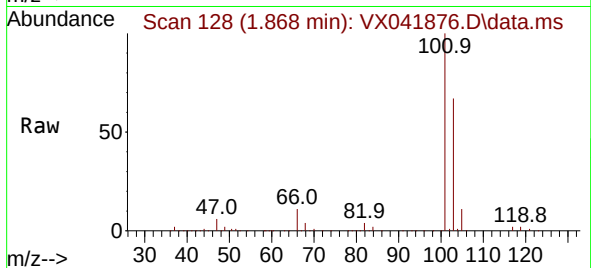
Tgt Ion: 64 Resp: 133934
Ion Ratio Lower Upper
64 100
66 33.3 26.4 39.6





#7
Trichlorofluoromethane
Concen: 141.788 ug/l
RT: 1.868 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

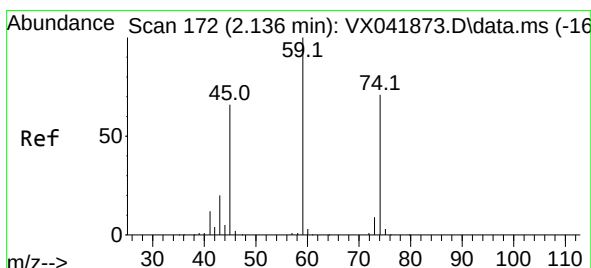
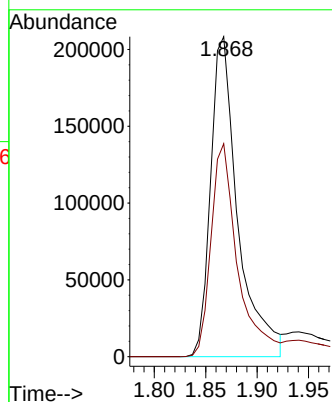
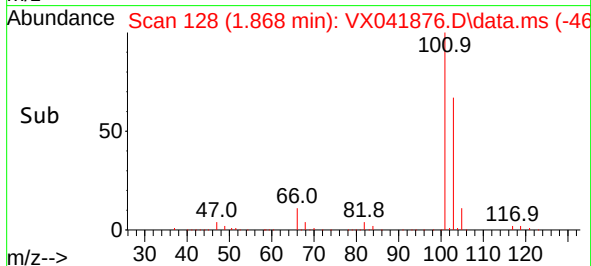
Instrument :
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VSTDICC150



Tgt Ion:101 Resp: 38318
Ion Ratio Lower Upper
101 100
103 66.6 51.8 77.8

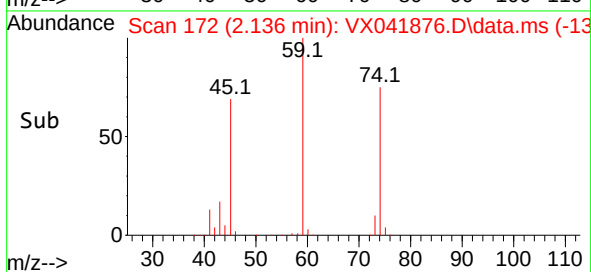
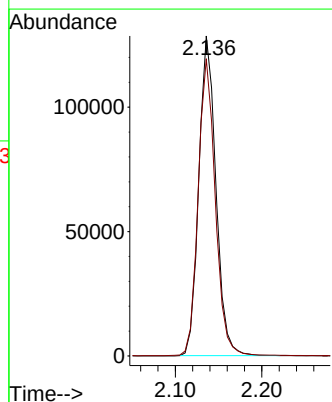
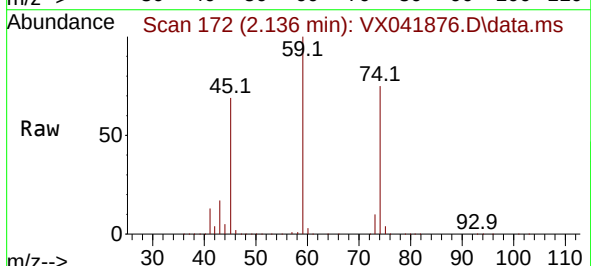
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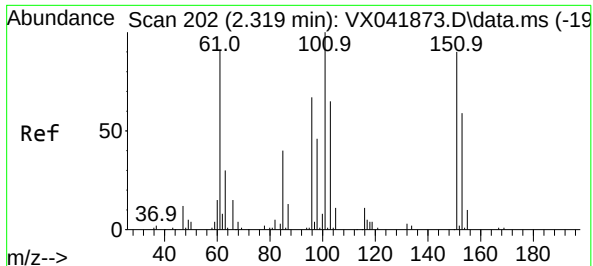
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#8
Diethyl Ether
Concen: 150.681 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

Tgt Ion: 74 Resp: 176231
Ion Ratio Lower Upper
74 100
45 92.5 18.7 168.7





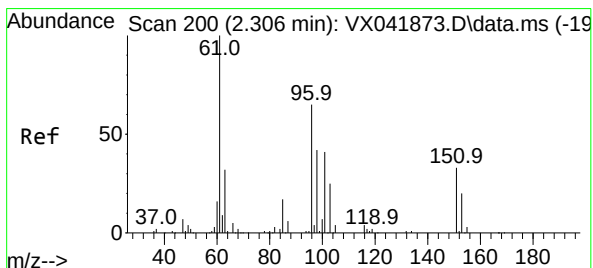
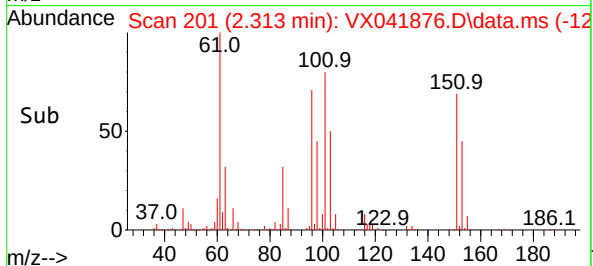
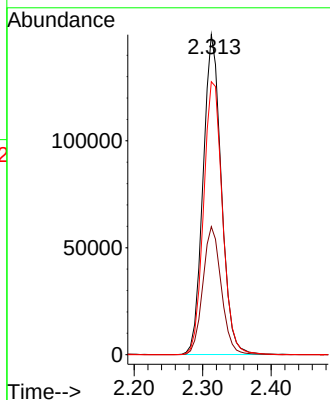
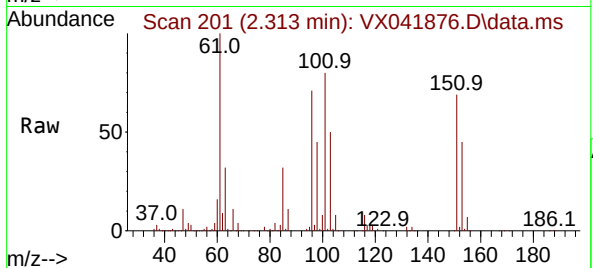
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1,1,2-Trichlorotrifluoroethane
Concen: 151.013 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 27744
Ion Ratio Lower Upper
101 100
85 40.4 0.0 80.4
151 88.4 0.0 175.2

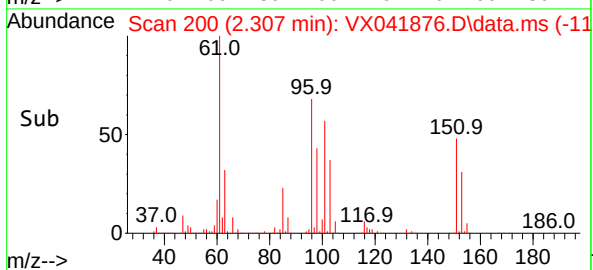
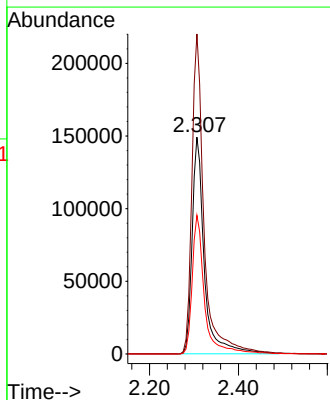
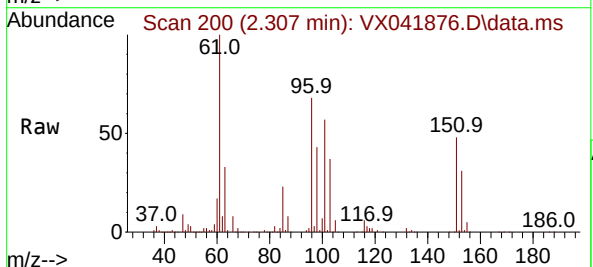
Manual Integrations
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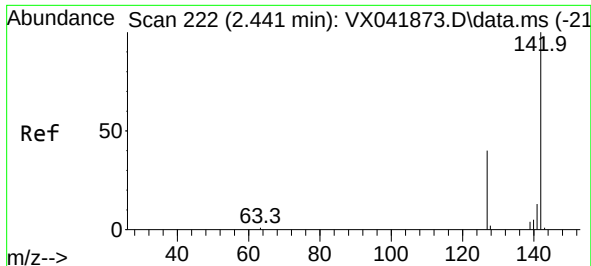
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#10
1,1-Dichloroethene
Concen: 153.434 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

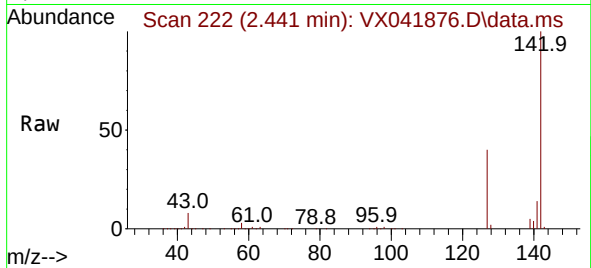
Tgt Ion: 96 Resp: 284357
Ion Ratio Lower Upper
96 100
61 147.8 122.3 183.5
98 64.0 51.5 77.3





#11
Methyl Iodide
Concen: 152.893 ug/l
RT: 2.441 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

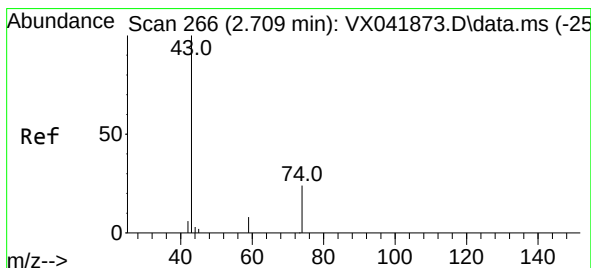
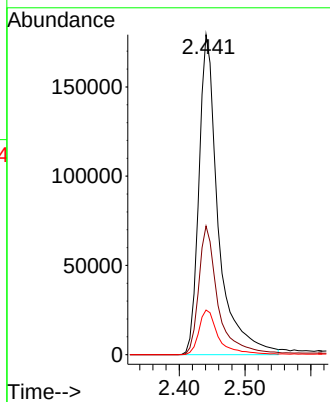
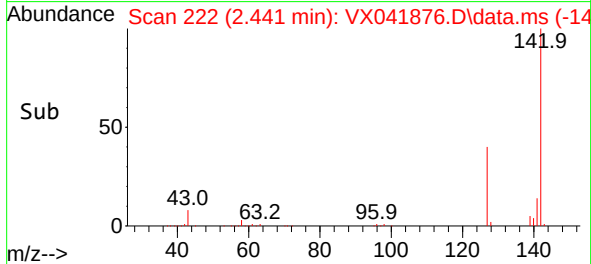
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:142 Resp: 368794
Ion Ratio Lower Upper
142 100
127 40.2 19.8 59.3
141 14.0 6.7 20.1

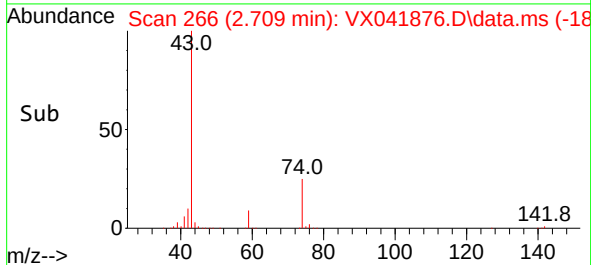
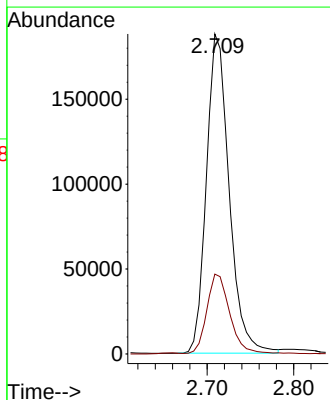
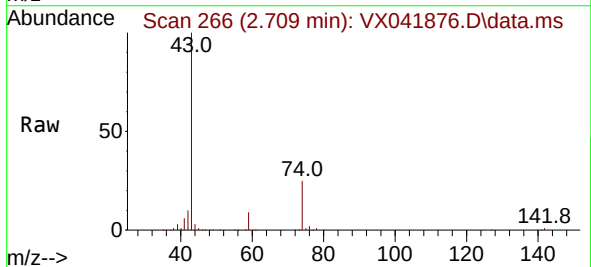
Manual Integrations
APPROVED

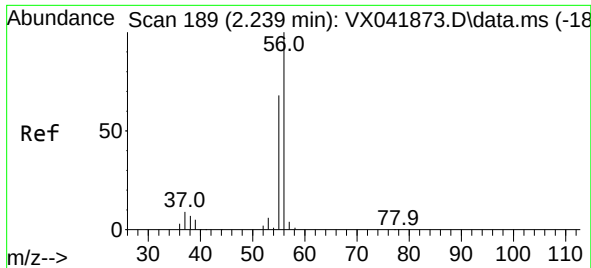
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#12
Methyl Acetate
Concen: 145.453 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

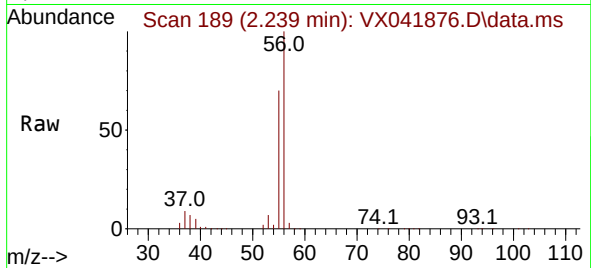
Tgt Ion: 43 Resp: 343682
Ion Ratio Lower Upper
43 100
74 24.9 19.4 29.2





#13
Acrolein
Concen: 784.408 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

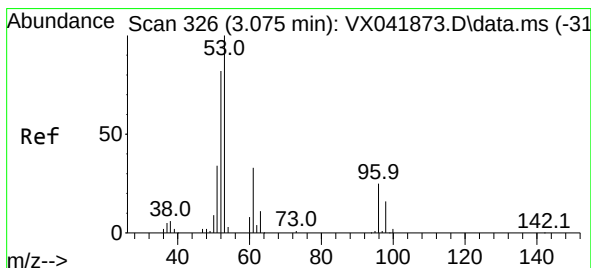
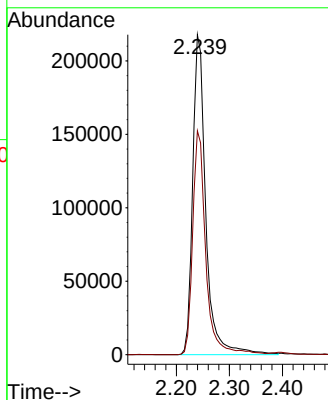
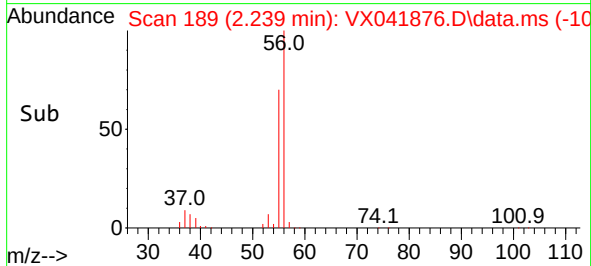
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



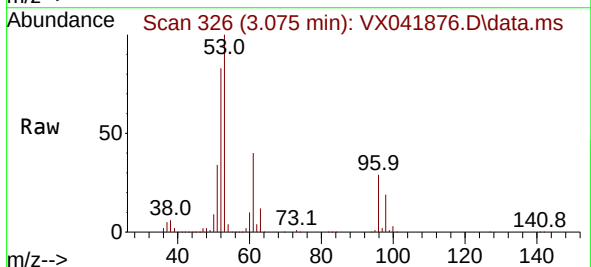
Tgt Ion: 56 Resp: 373714
Ion Ratio Lower Upper
56 100
55 68.3 55.4 83.0

Manual Integrations
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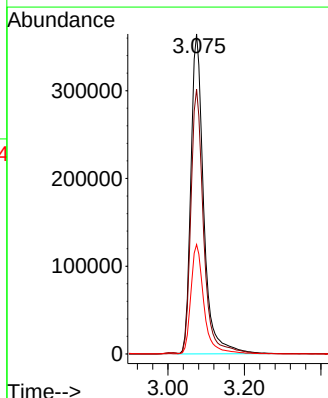
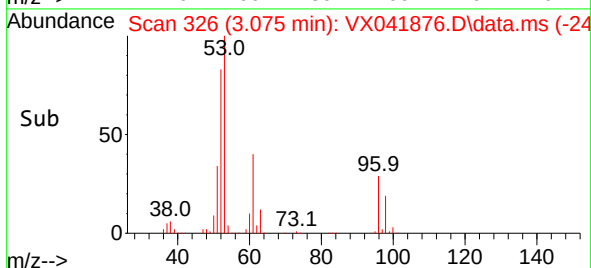
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

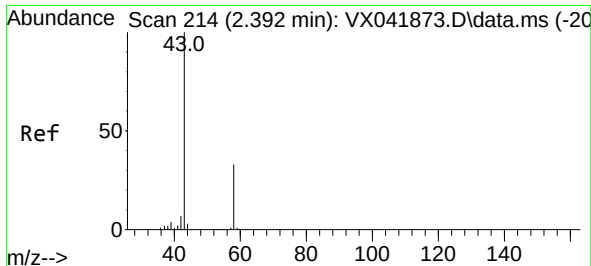


#14
Acrylonitrile
Concen: 757.339 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29



Tgt Ion: 53 Resp: 849337
Ion Ratio Lower Upper
53 100
52 81.9 39.9 119.7
51 34.3 17.4 52.3





#15

Acetone

Concen: 736.227 ug/l

RT: 2.398 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX041876.D

Acq: 14 Jun 2024 14:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 58 Resp: 236194

Ion Ratio Lower Upper

58 100

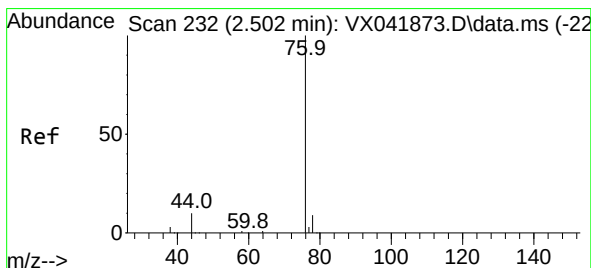
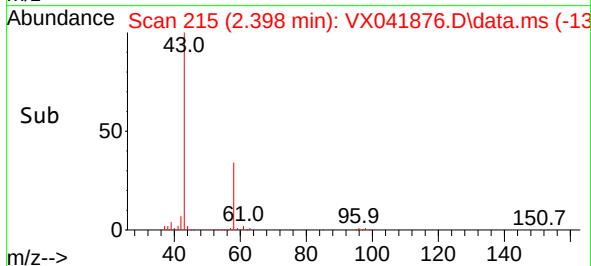
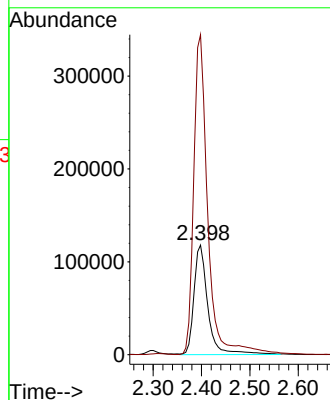
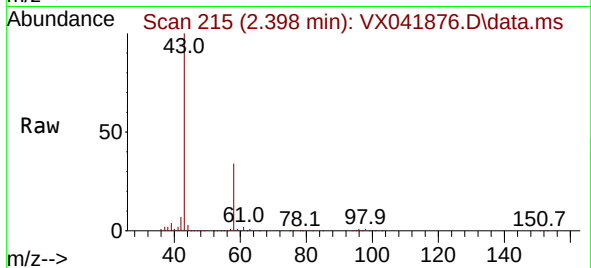
43 293.4 243.4 365.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#16

Carbon Disulfide

Concen: 174.597 ug/l

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX041876.D

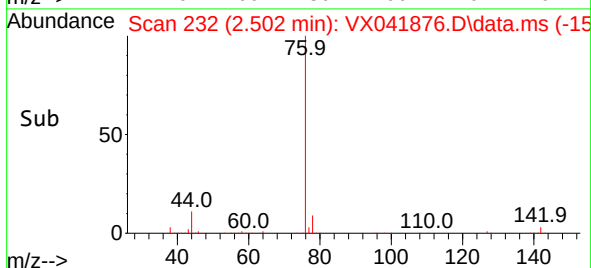
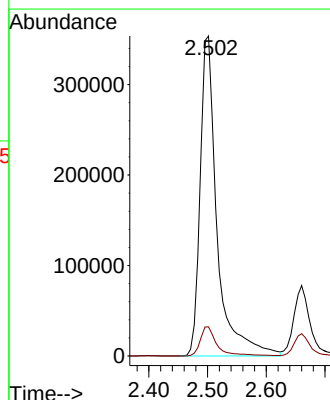
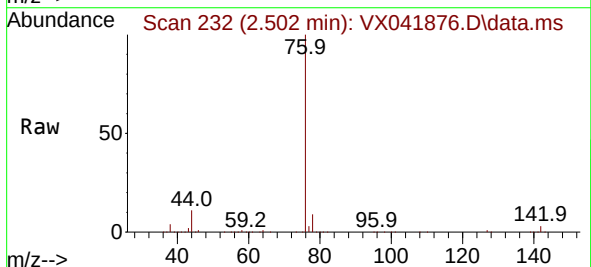
Acq: 14 Jun 2024 14:29

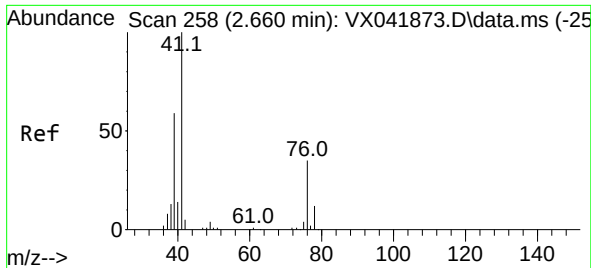
Tgt Ion: 76 Resp: 709134

Ion Ratio Lower Upper

76 100

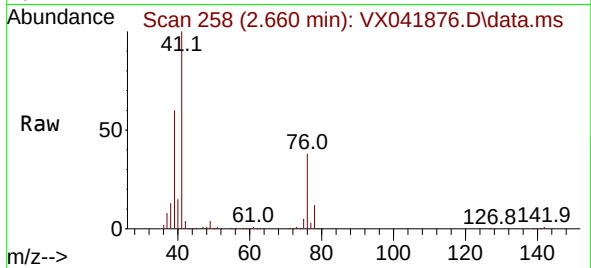
78 9.1 7.3 10.9





#17
 Allyl chloride
 Concen: 150.524 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. 0.000 min
 Lab File: VX041876.D
 Acq: 14 Jun 2024 14:29

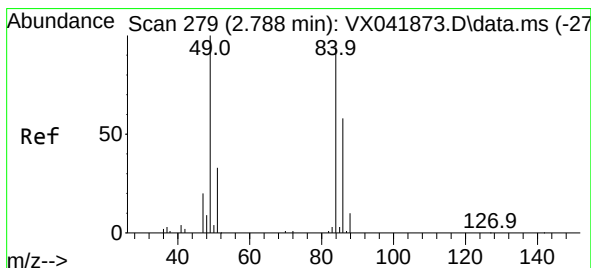
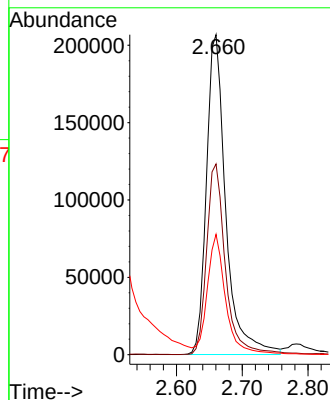
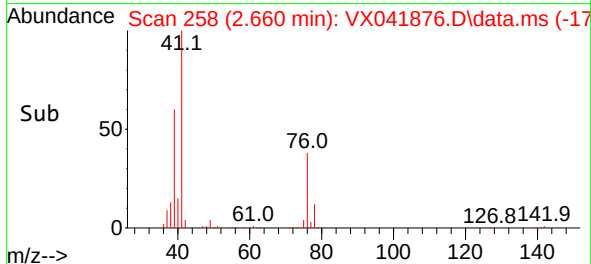
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



Tgt Ion: 41 Resp: 42367
 Ion Ratio Lower Upper
 41 100
 39 59.6 29.6 88.8
 76 37.1 18.1 54.4

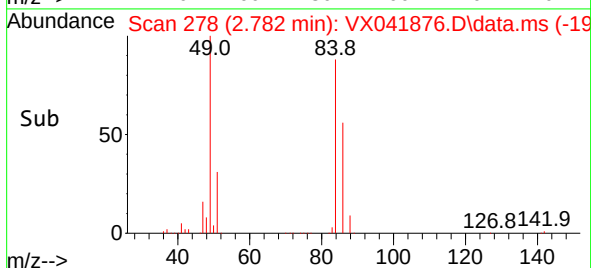
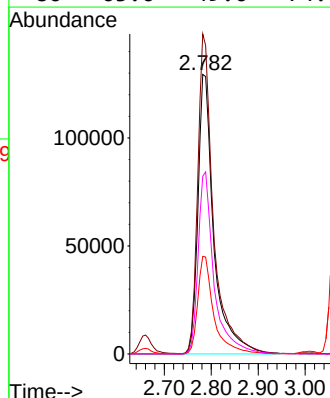
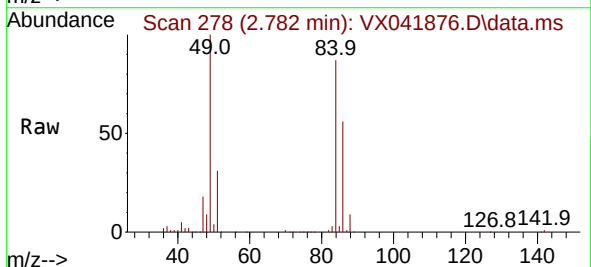
Manual Integrations
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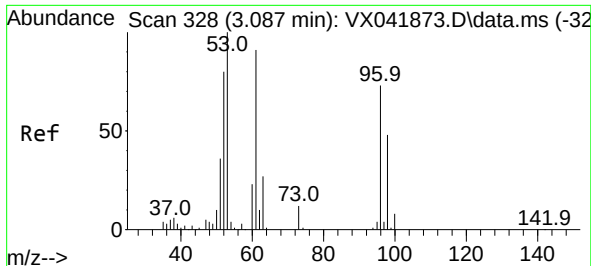
Reviewed By :John Carlone 06/17/2024
 Supervised By :Mahesh Dadoda 06/17/2024



#18
 Methylene Chloride
 Concen: 144.195 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.006 min
 Lab File: VX041876.D
 Acq: 14 Jun 2024 14:29

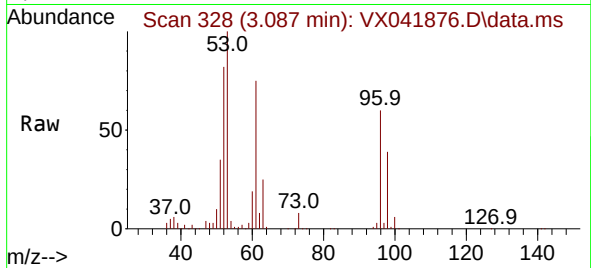
Tgt Ion: 84 Resp: 306523
 Ion Ratio Lower Upper
 84 100
 49 114.4 85.3 127.9
 51 34.9 28.5 42.7
 86 63.6 49.6 74.4





#19
trans-1,2-Dichloroethene
Concen: 153.577 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

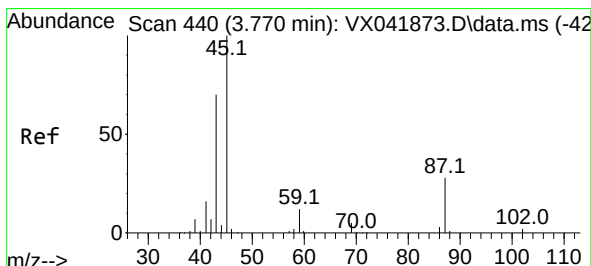
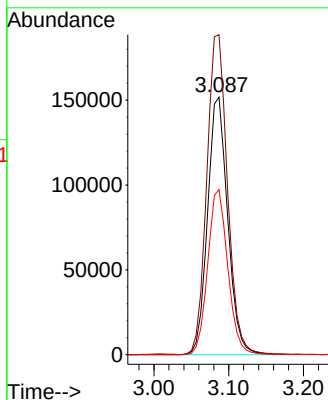
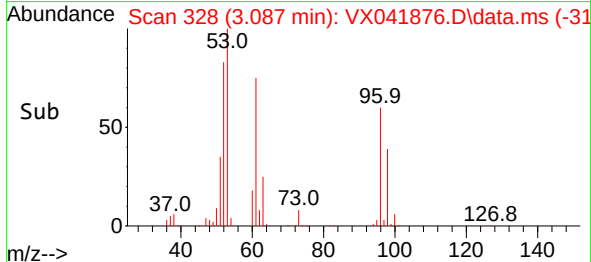
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



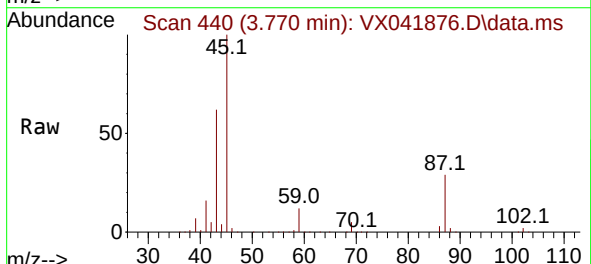
Tgt Ion: 96 Resp: 285120
Ion Ratio Lower Upper
96 100
61 124.1 100.1 150.1
98 64.1 52.1 78.1

Manual Integrations
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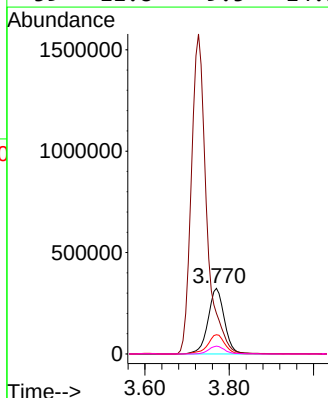
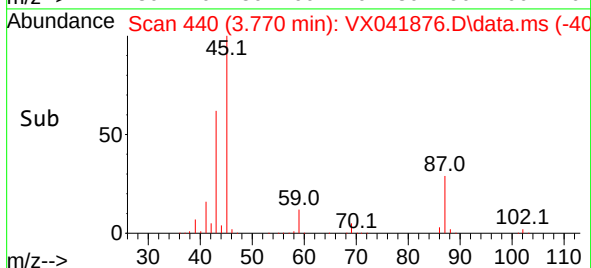
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

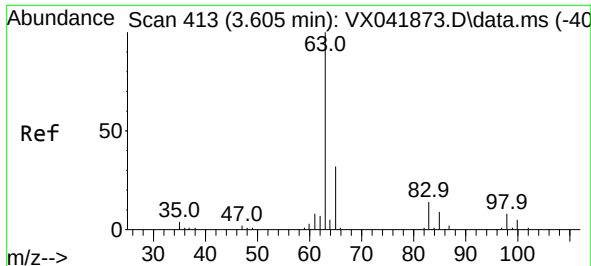


#20
Diisopropyl ether
Concen: 151.112 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29



Tgt Ion: 45 Resp: 874246
Ion Ratio Lower Upper
45 100
43 61.4 55.8 83.8
87 29.3 22.6 34.0
59 11.8 9.5 14.3





#21

1,1-Dichloroethane

Concen: 151.883 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX041876.D

Acq: 14 Jun 2024 14:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 63 Resp: 501924

Ion Ratio Lower Upper

63 100

98 7.7 4.2 12.4

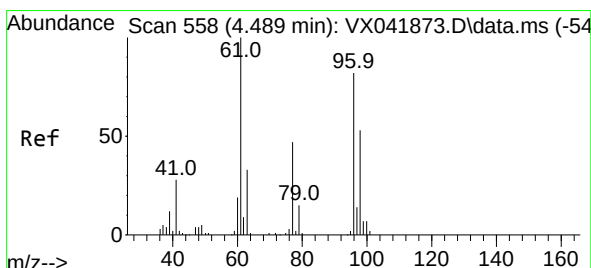
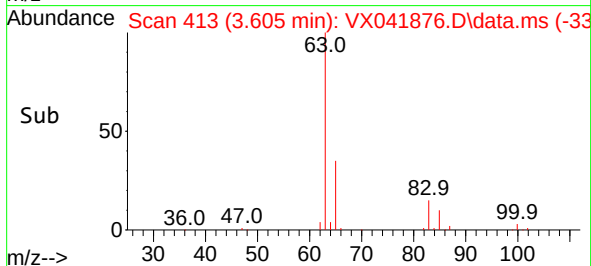
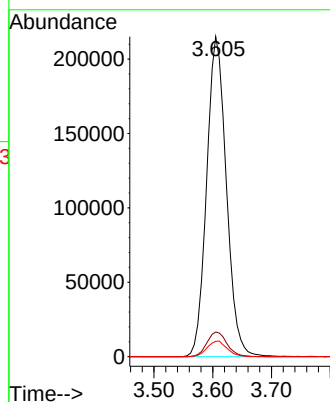
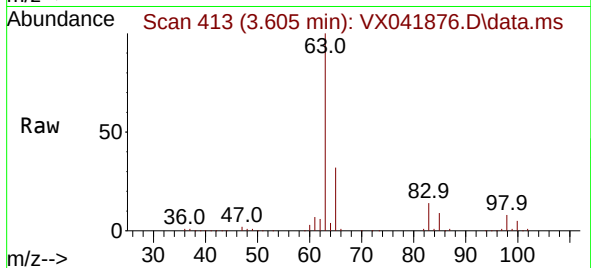
100 4.8 2.5 7.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#22

cis-1,2-Dichloroethene

Concen: 154.575 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX041876.D

Acq: 14 Jun 2024 14:29

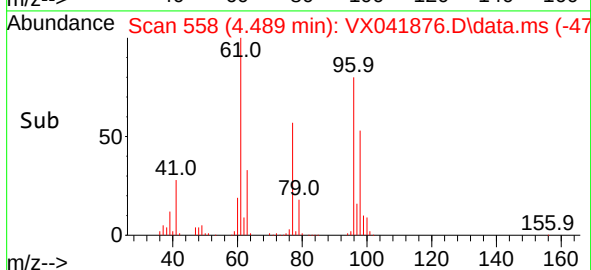
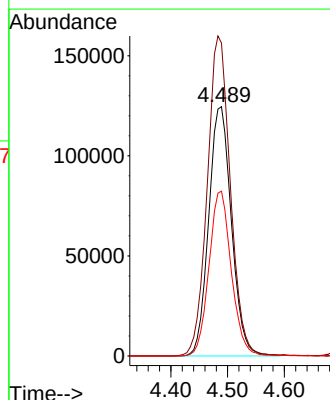
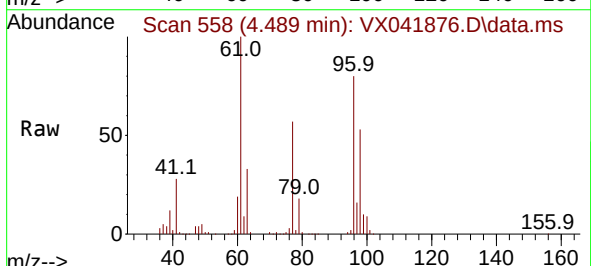
Tgt Ion: 96 Resp: 347383

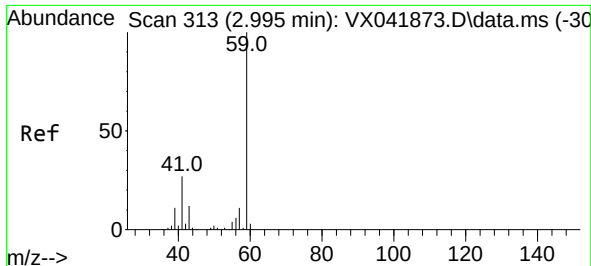
Ion Ratio Lower Upper

96 100

61 130.2 103.3 154.9

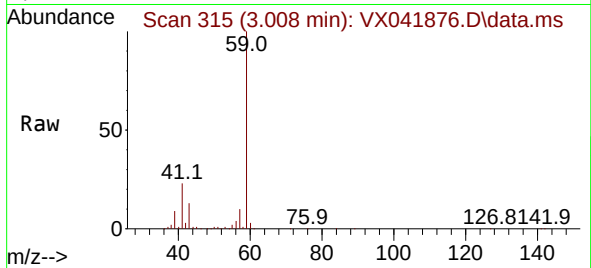
98 64.7 52.2 78.2





#23
tert-Butyl Alcohol
Concen: 808.588 ug/l
RT: 3.008 min Scan# 313
Delta R.T. 0.012 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

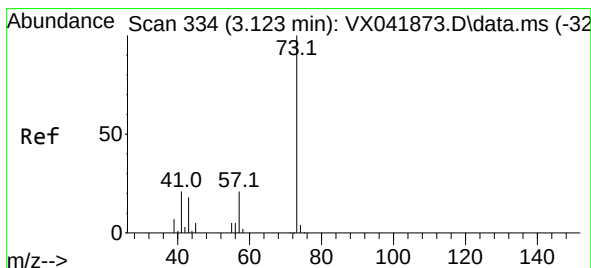
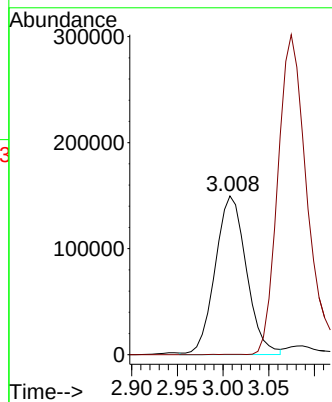
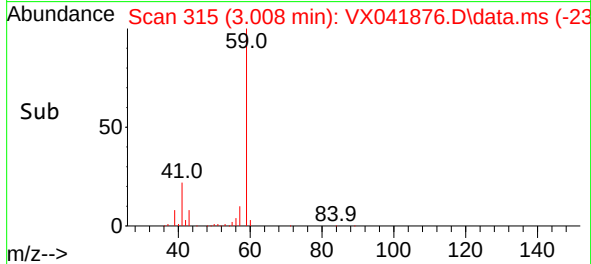
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 59 Resp: 355709
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0

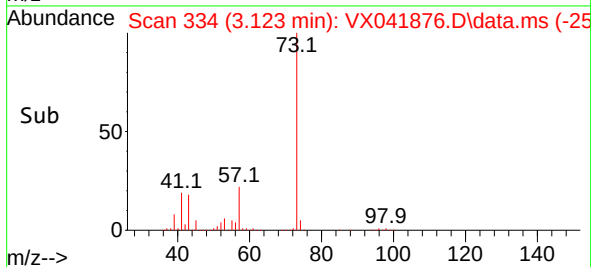
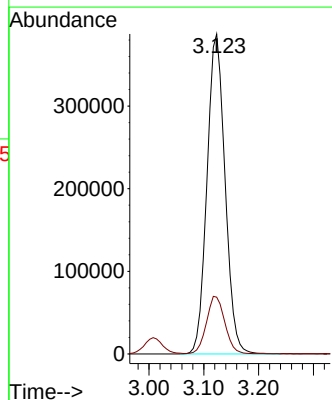
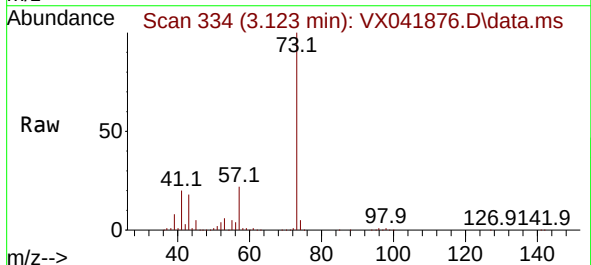
Manual Integrations
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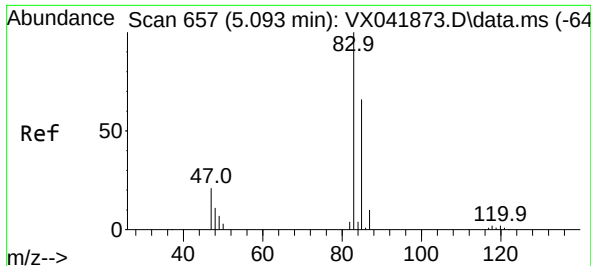
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#24
Methyl tert-Butyl Ether
Concen: 154.044 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

Tgt Ion: 73 Resp: 883120
Ion Ratio Lower Upper
73 100
43 18.2 15.1 22.7





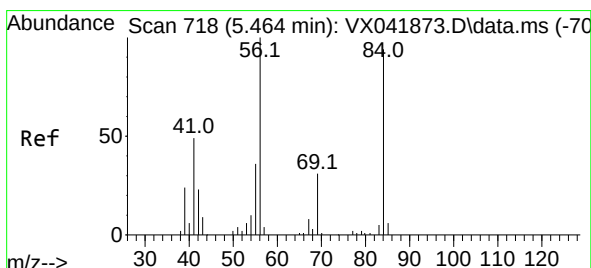
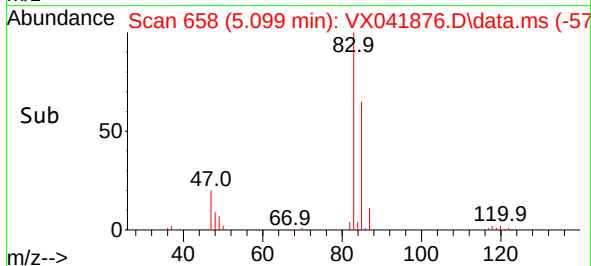
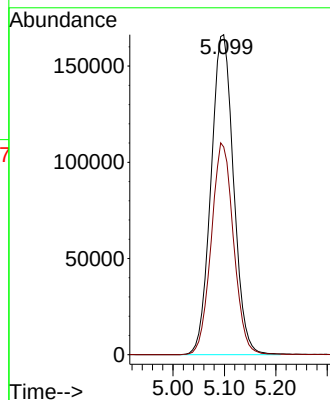
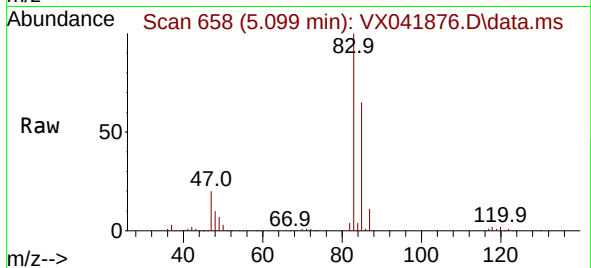
#25
Chloroform
Concen: 151.054 ug/l
RT: 5.099 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 50731
Ion Ratio Lower Upper
83 100
85 64.9 52.7 79.1

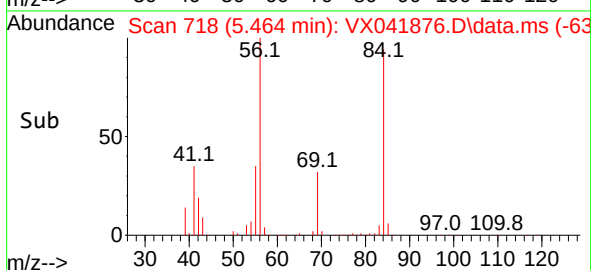
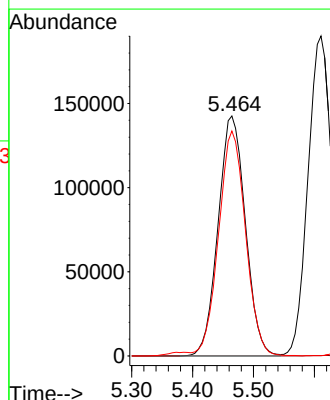
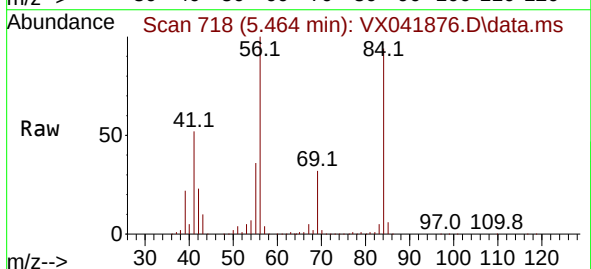
Manual Integrations
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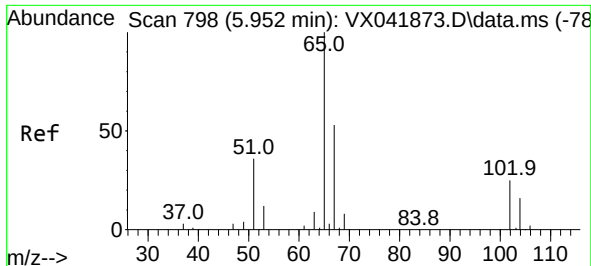
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#26
Cyclohexane
Concen: 154.627 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

Tgt Ion: 56 Resp: 443828
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 92.7 73.1 109.7





#27
1,2-Dichloroethane-d4
Concen: 29.551 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

Instrument :

MSVOA_X

Client Sample Id :

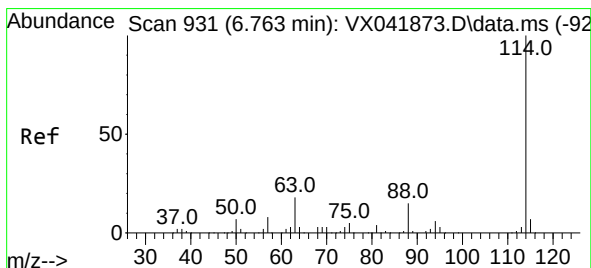
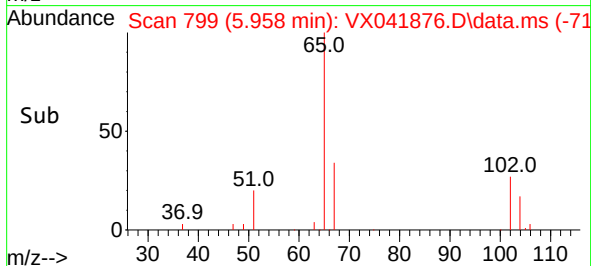
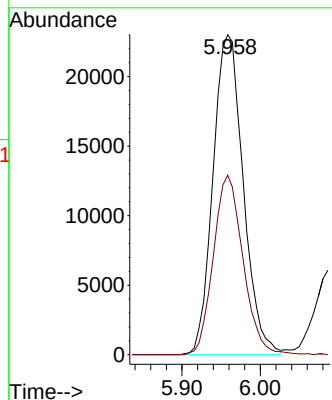
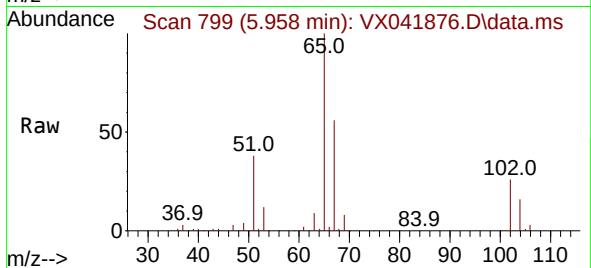
VSTDICC150

Tgt Ion: 65 Resp: 61689
Ion Ratio Lower Upper
65 100
67 55.0 43.4 65.0

Manual Integrations

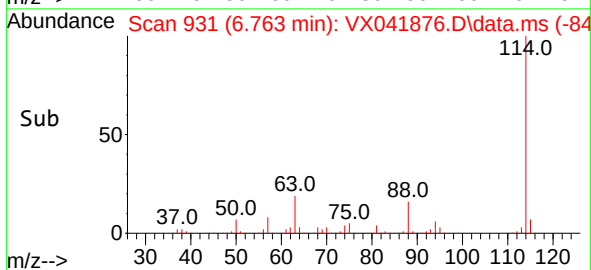
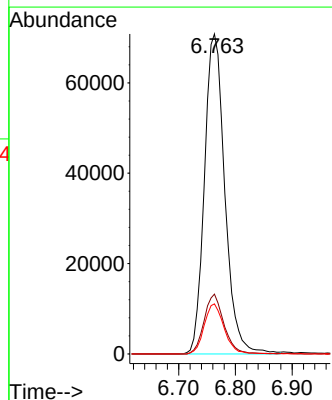
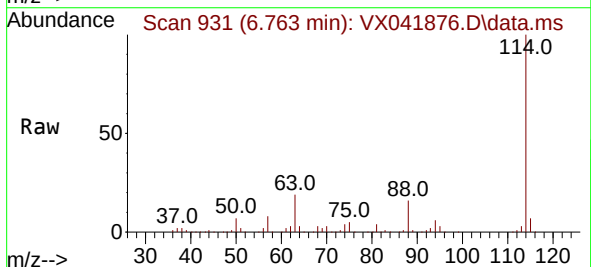
APPROVED

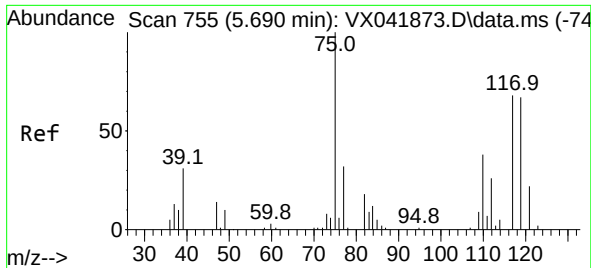
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

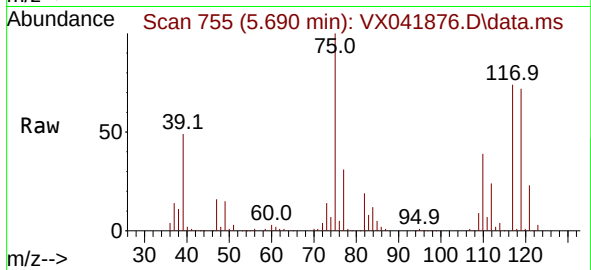
Tgt Ion:114 Resp: 177176
Ion Ratio Lower Upper
114 100
63 18.0 14.6 21.8
88 15.2 11.8 17.8





#29
1,1-Dichloropropene
Concen: 156.528 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

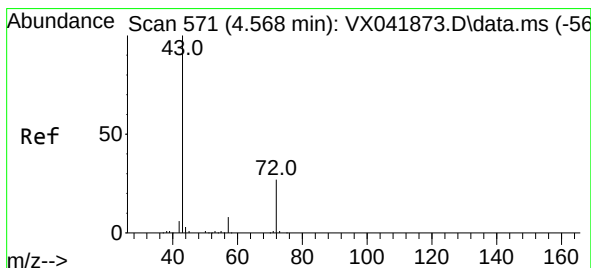
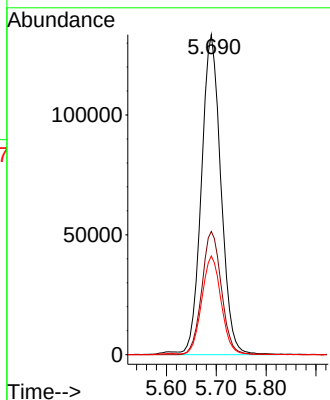
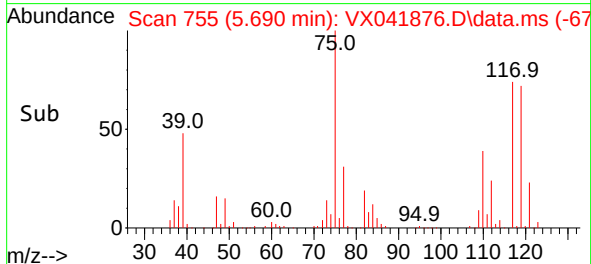
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 75 Resp: 361963
Ion Ratio Lower Upper
75 100
110 38.6 0.0 80.2
77 30.7 0.0 65.2

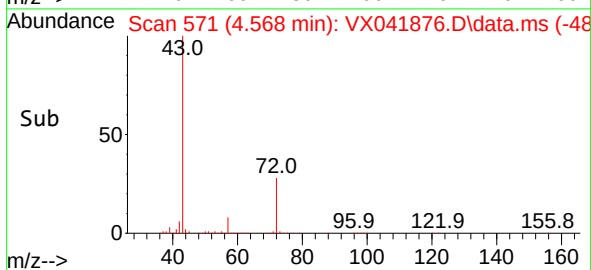
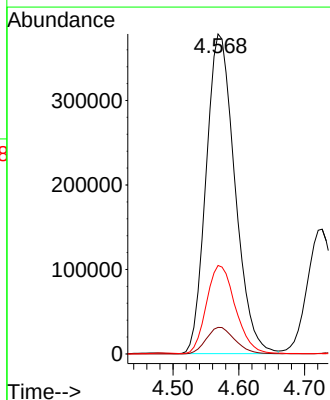
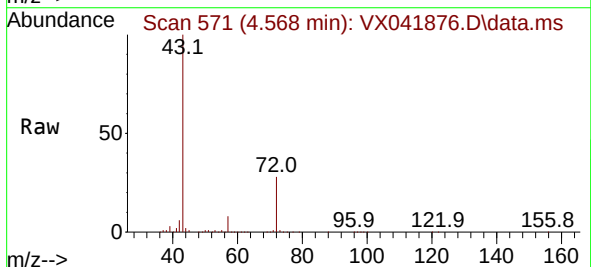
Manual Integrations
APPROVED

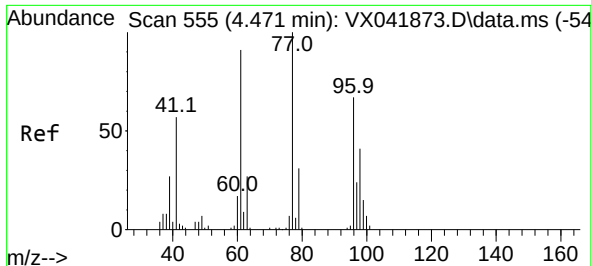
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#30
2-Butanone
Concen: 744.049 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

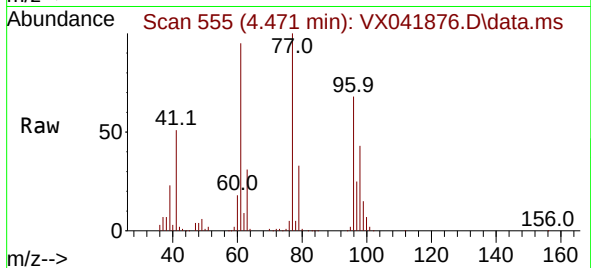
Tgt Ion: 43 Resp: 1149643
Ion Ratio Lower Upper
43 100
57 8.4 6.5 9.7
72 27.8 22.0 33.0





#31
2,2-Dichloropropane
Concen: 154.781 ug/l
RT: 4.471 min Scan# 511
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

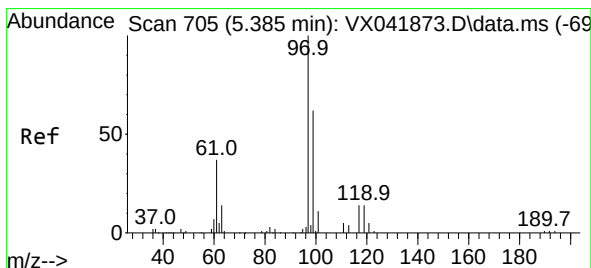
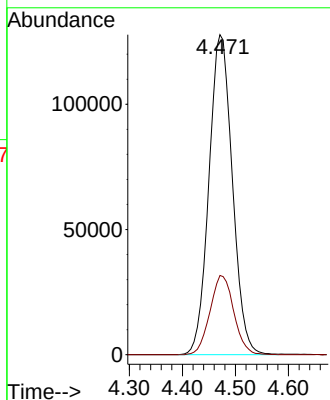
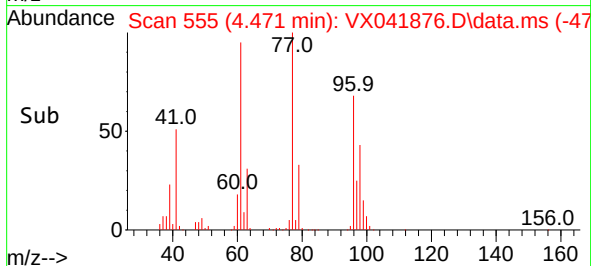
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 77 Resp: 392183
Ion Ratio Lower Upper
77 100
97 25.2 20.2 30.2

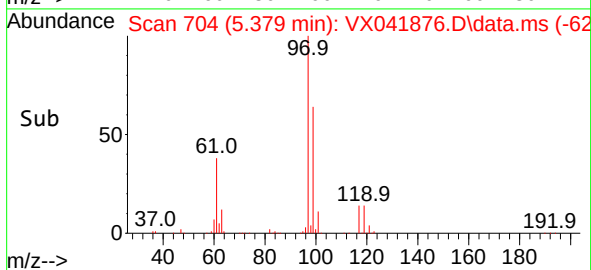
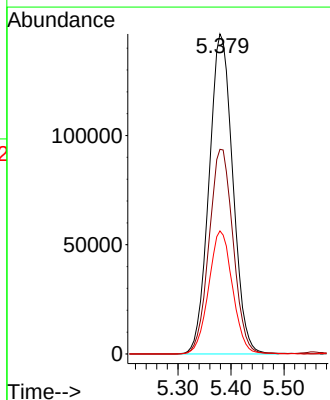
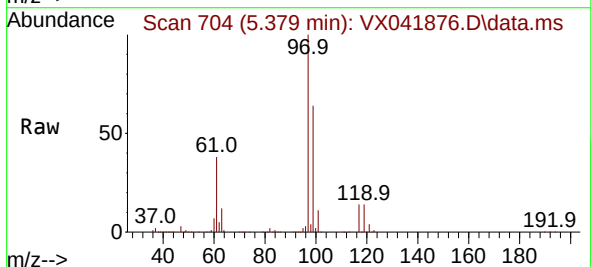
Manual Integrations
APPROVED

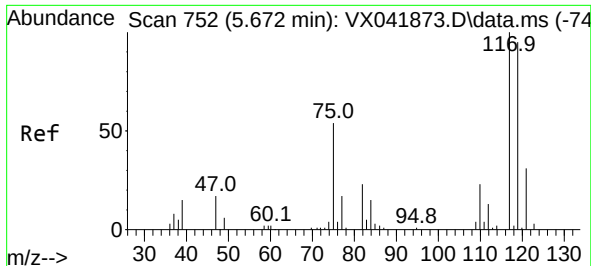
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#32
1,1,1-Trichloroethane
Concen: 155.735 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

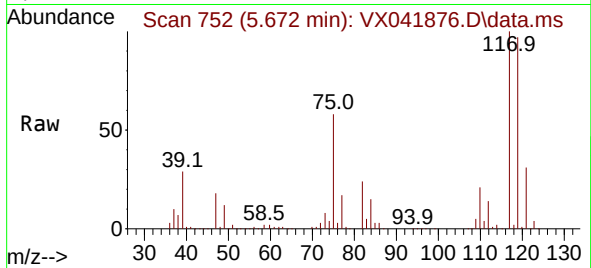
Tgt Ion: 97 Resp: 456294
Ion Ratio Lower Upper
97 100
99 64.8 52.0 78.0
61 38.5 31.7 47.5





#33
Carbon Tetrachloride
Concen: 161.013 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

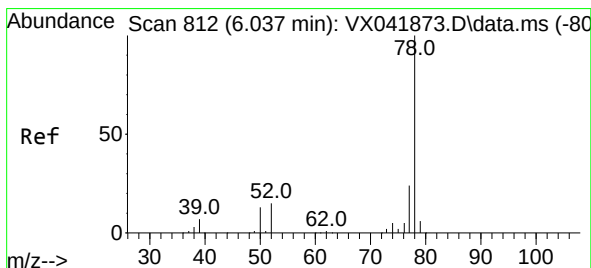
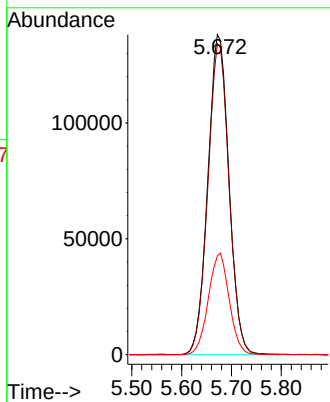
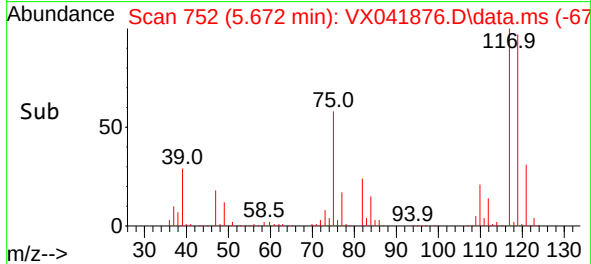
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 407058
Ion Ratio Lower Upper
117 100
119 97.3 75.7 113.5
121 30.9 24.9 37.3

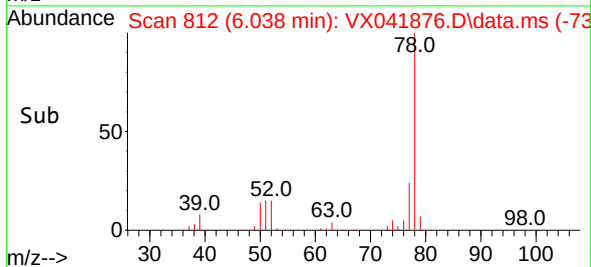
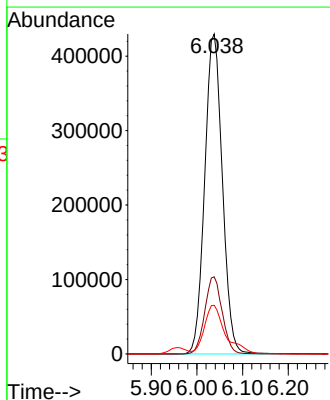
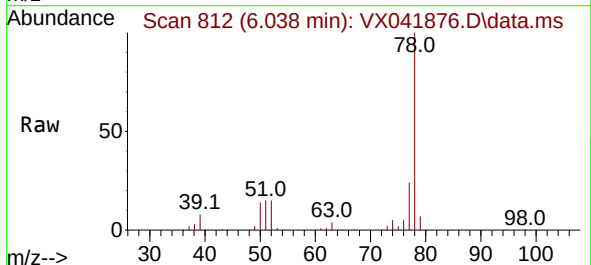
Manual Integrations
APPROVED

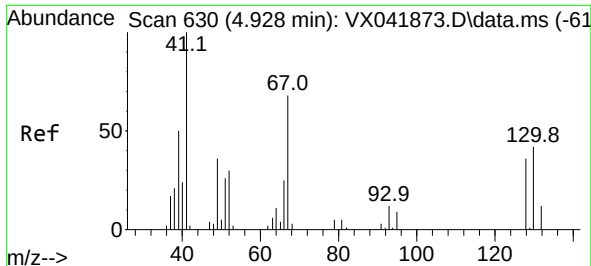
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#34
Benzene
Concen: 149.470 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

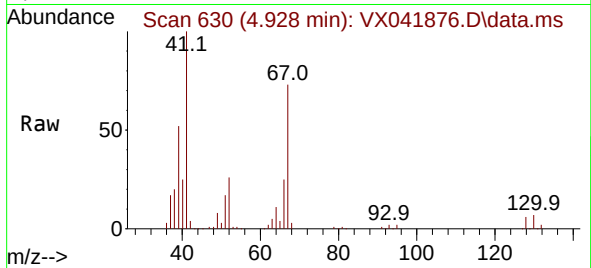
Tgt Ion: 78 Resp: 1151418
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3
51 15.2 11.8 17.8





#35
Methacrylonitrile
Concen: 156.843 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

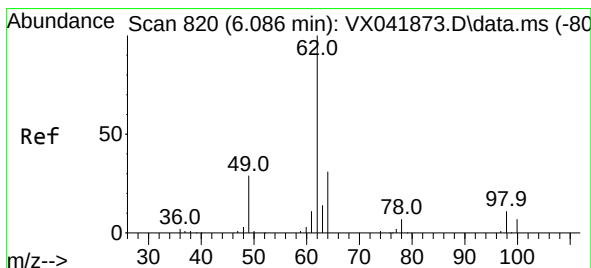
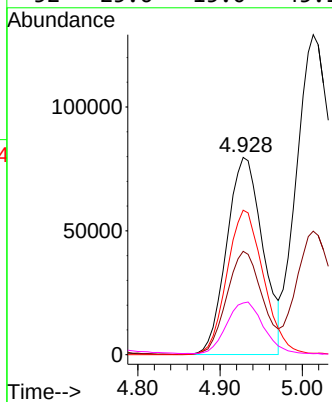
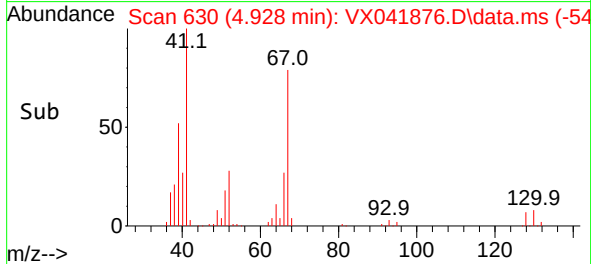
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



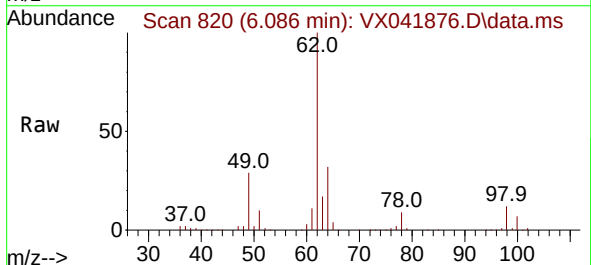
Tgt Ion: 41 Resp: 243414
Ion Ratio Lower Upper
41 100
39 52.2 25.2 75.6
67 73.2 34.2 102.5
52 25.6 15.0 45.1

Manual Integrations
APPROVED

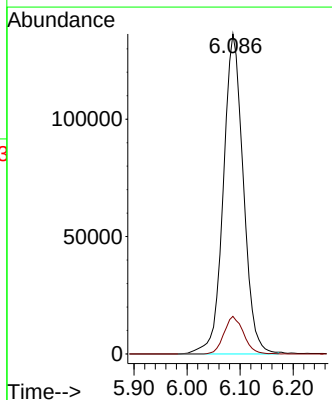
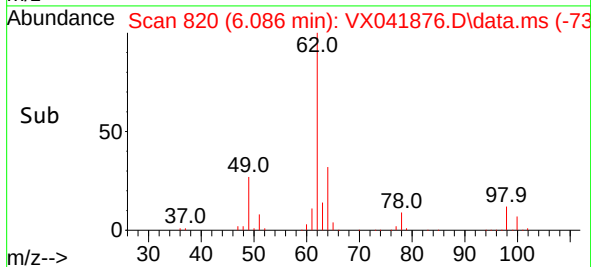
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

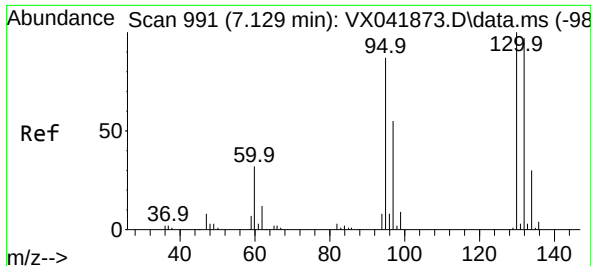


#36
1,2-Dichloroethane
Concen: 148.744 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29



Tgt Ion: 62 Resp: 356955
Ion Ratio Lower Upper
62 100
98 11.4 9.1 13.7





#37

Trichloroethene

Concen: 154.278 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX041876.D

Acq: 14 Jun 2024 14:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:130 Resp: 324619

Ion Ratio Lower Upper

130 100

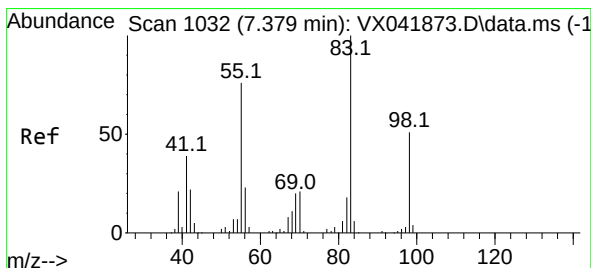
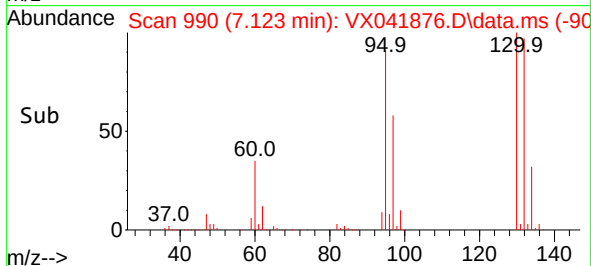
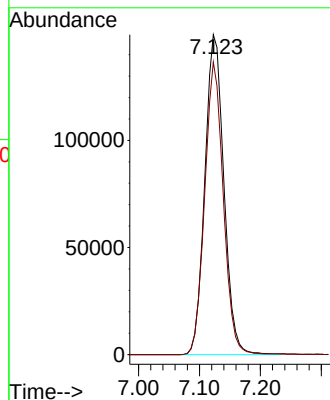
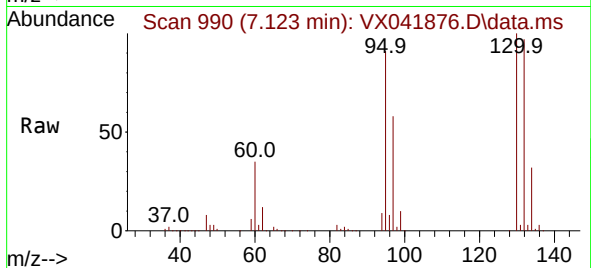
95 91.4 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#38

Methylcyclohexane

Concen: 156.793 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX041876.D

Acq: 14 Jun 2024 14:29

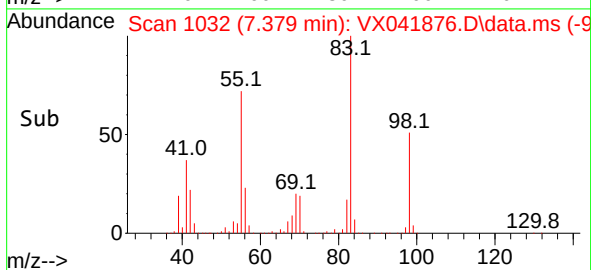
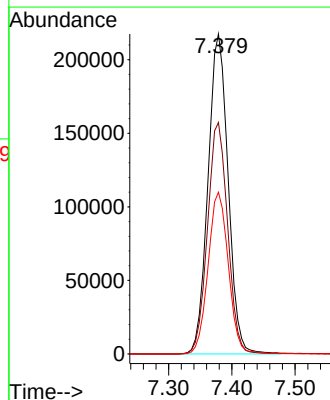
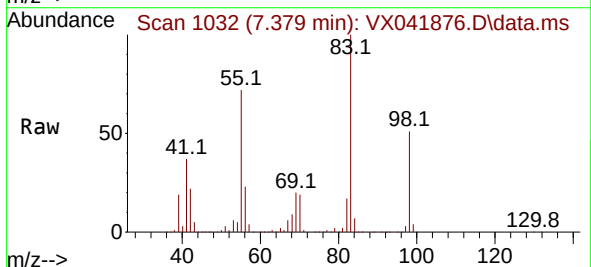
Tgt Ion: 83 Resp: 480250

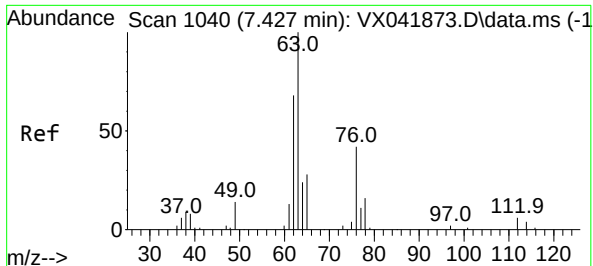
Ion Ratio Lower Upper

83 100

55 72.4 37.3 111.9

98 51.1 24.8 74.4





#39

1,2-Dichloropropane

Concen: 150.933 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX041876.D

Acq: 14 Jun 2024 14:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 276950

Ion Ratio Lower Upper

63 100

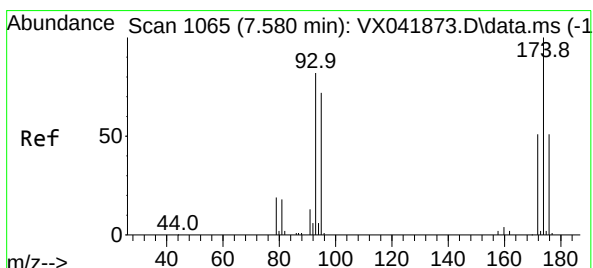
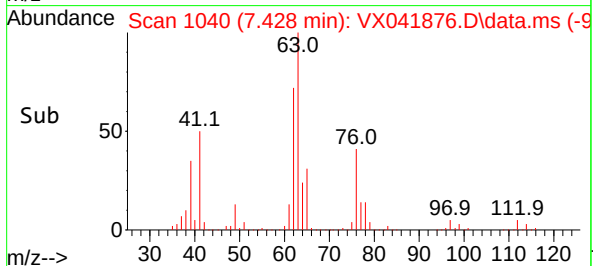
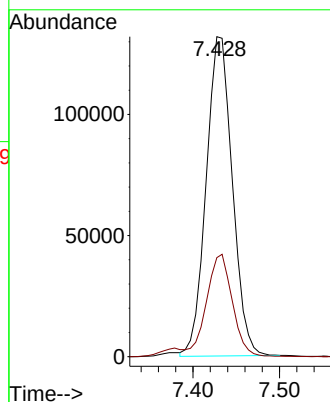
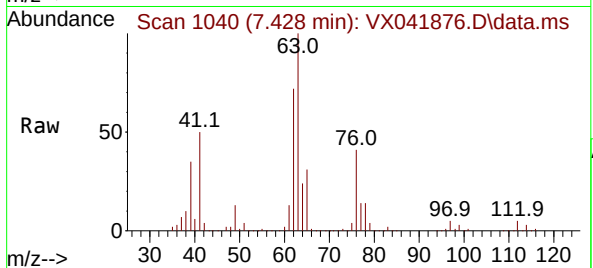
65 30.9 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#40

Dibromomethane

Concen: 151.445 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX041876.D

Acq: 14 Jun 2024 14:29

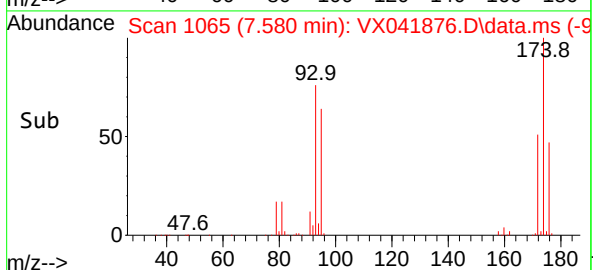
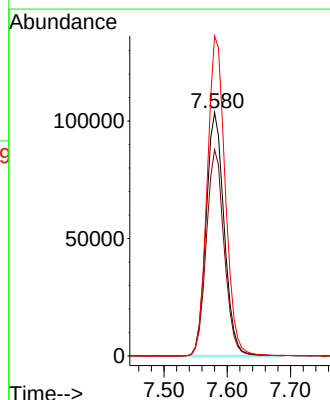
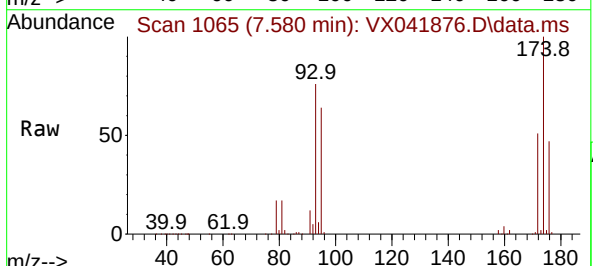
Tgt Ion: 93 Resp: 205575

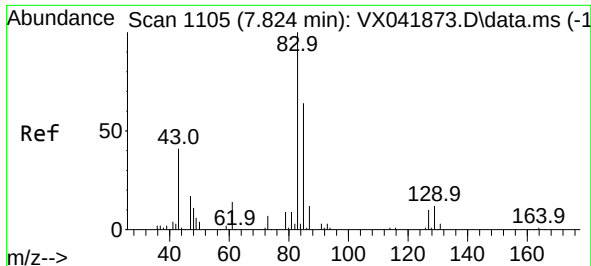
Ion Ratio Lower Upper

93 100

95 83.9 0.0 168.6

174 130.8 0.0 255.0





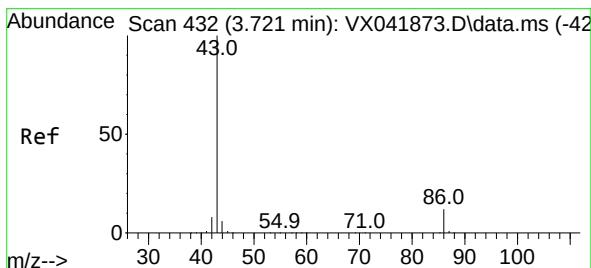
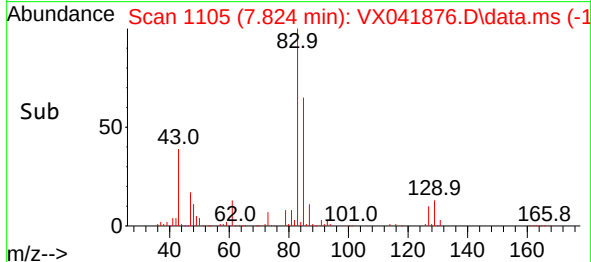
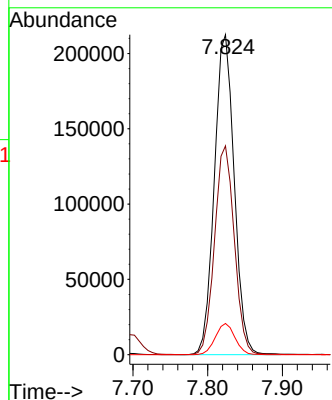
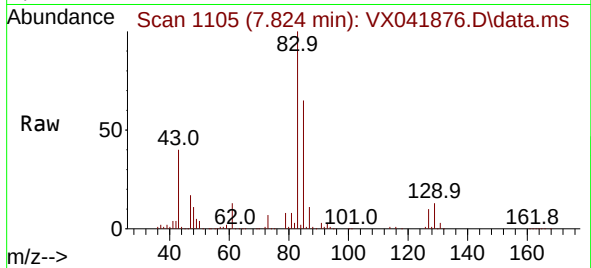
#41
Bromodichloromethane
Concen: 161.400 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 392495
Ion Ratio Lower Upper
83 100
85 65.2 51.1 76.7
127 9.8 8.1 12.1

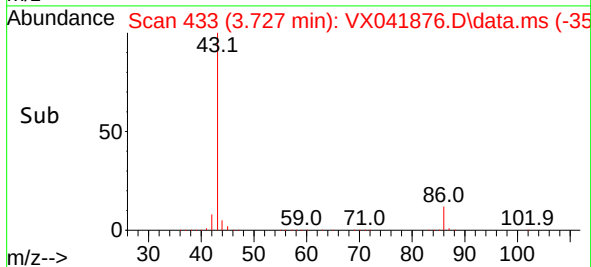
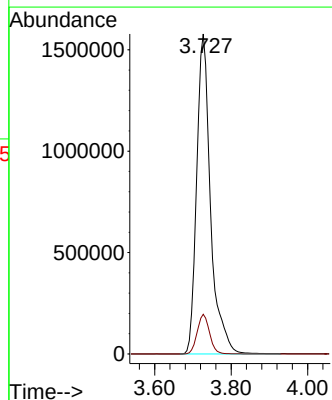
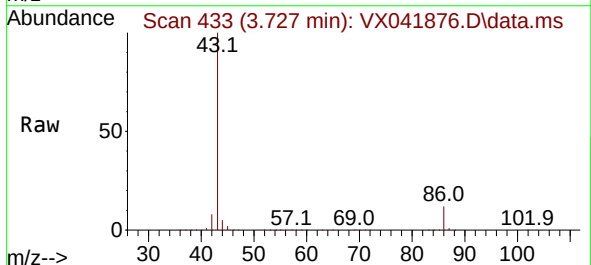
Manual Integrations
APPROVED

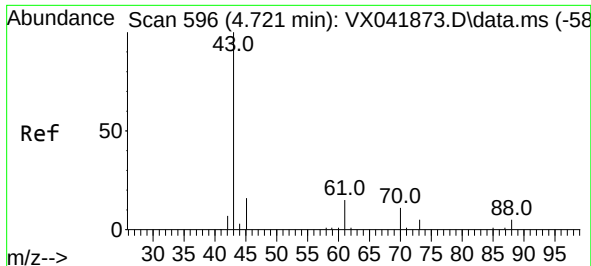
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#42
Vinyl Acetate
Concen: 767.852 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.006 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

Tgt Ion: 43 Resp: 3971225
Ion Ratio Lower Upper
43 100
86 11.0 8.5 12.7





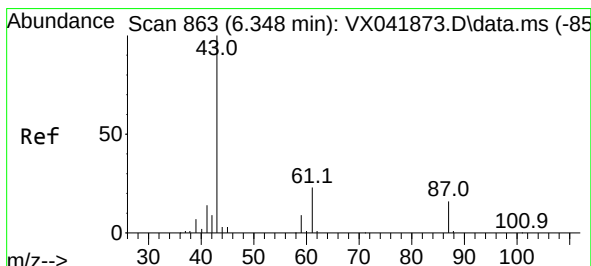
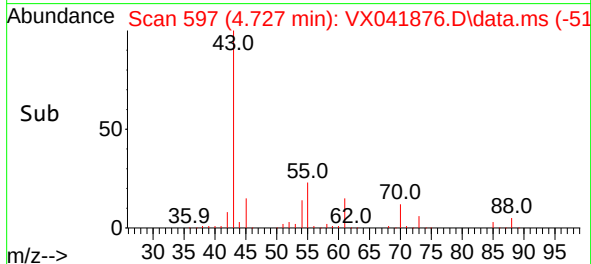
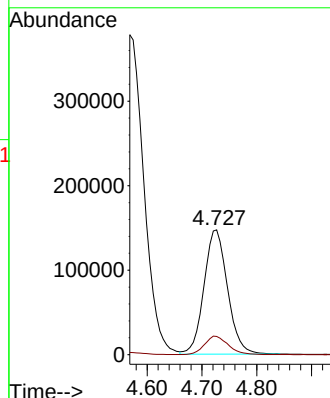
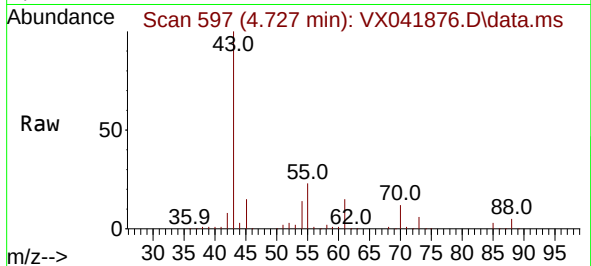
#43
Ethyl Acetate
Concen: 151.630 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.006 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 439280
Ion Ratio Lower Upper
43 100
45 15.0 12.4 18.6

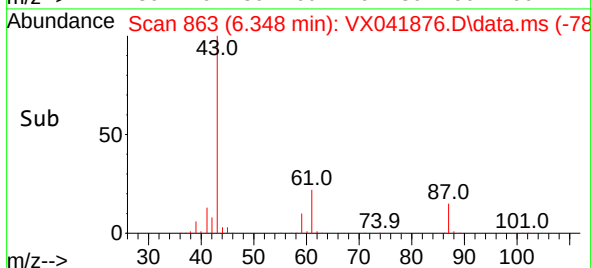
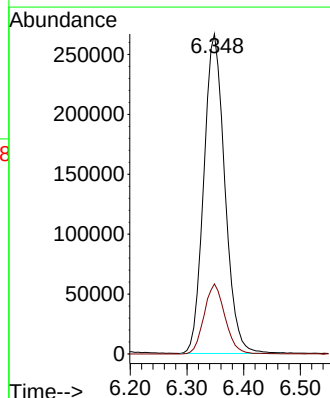
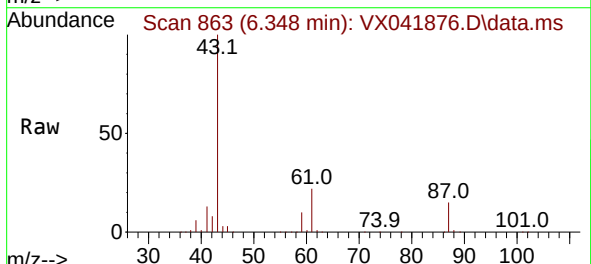
Manual Integrations
APPROVED

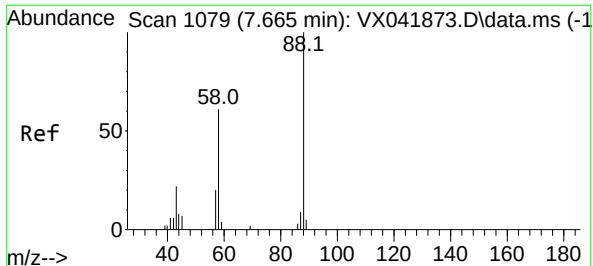
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#44
Isopropyl Acetate
Concen: 158.289 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

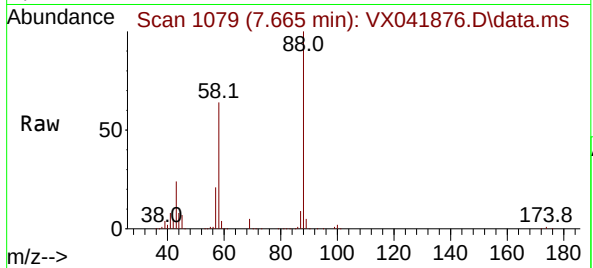
Tgt Ion: 43 Resp: 686855
Ion Ratio Lower Upper
43 100
61 21.7 17.4 26.0





#45
1,4-Dioxane
Concen: 3003.988 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

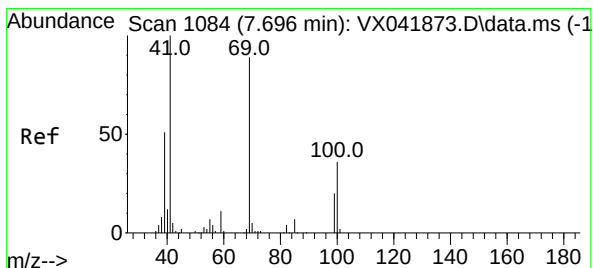
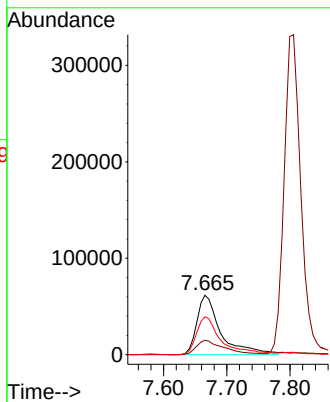
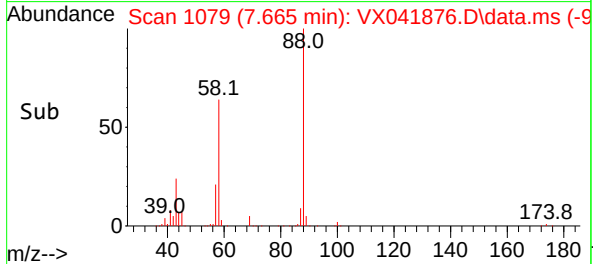
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 88 Resp: 161609
Ion Ratio Lower Upper
88 100
43 27.8 23.2 34.8
58 65.8 52.6 78.8

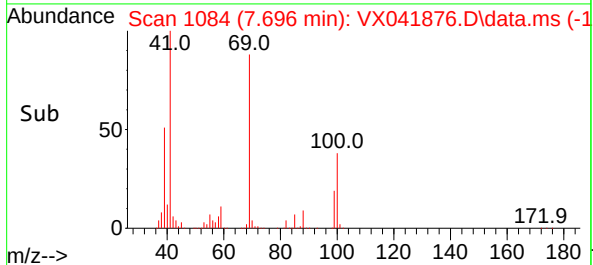
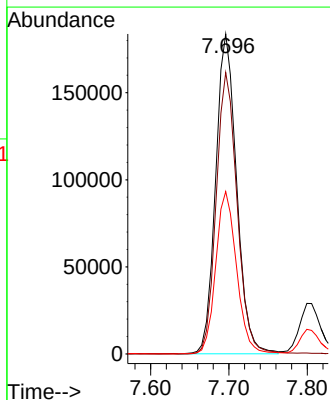
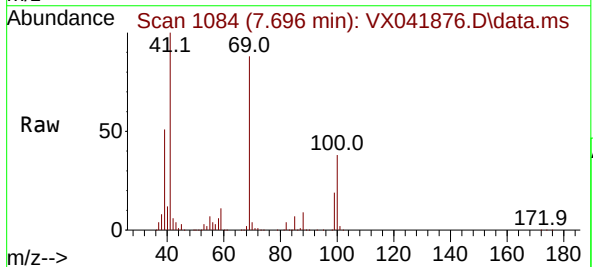
Manual Integrations
APPROVED

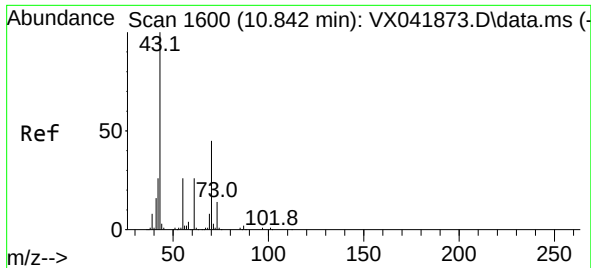
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#46
Methyl methacrylate
Concen: 161.027 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

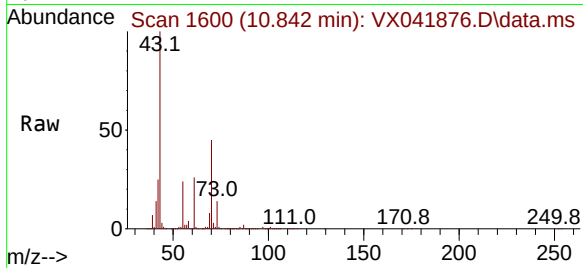
Tgt Ion: 41 Resp: 341635
Ion Ratio Lower Upper
41 100
69 88.0 44.4 133.1
39 50.7 25.5 76.5





#47
n-amy1 Acetate
Concen: 166.433 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

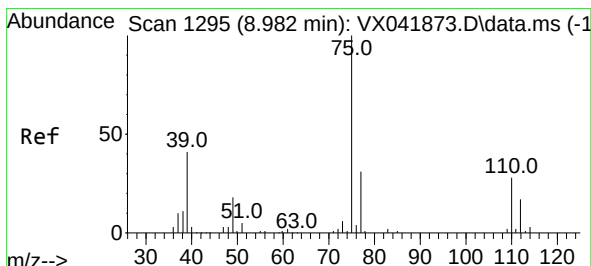
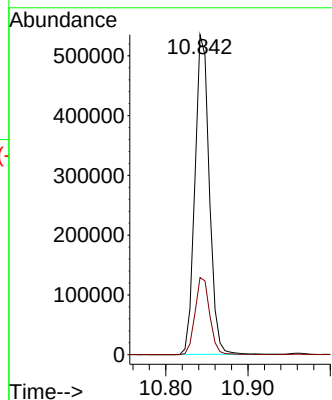
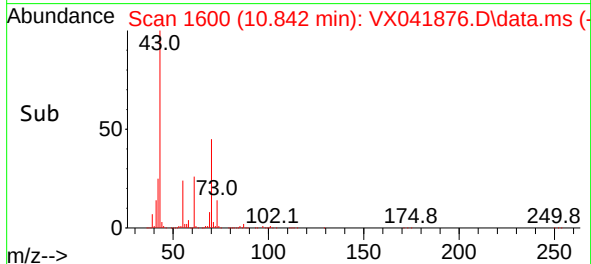
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 64815
Ion Ratio Lower Upper
43 100
55 24.7 21.0 31.4

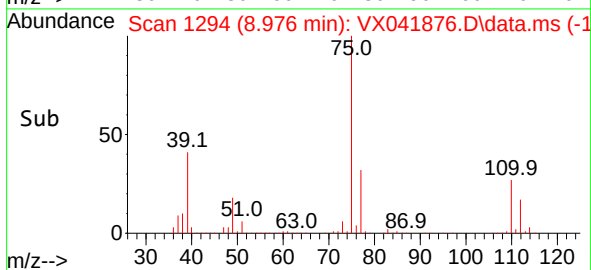
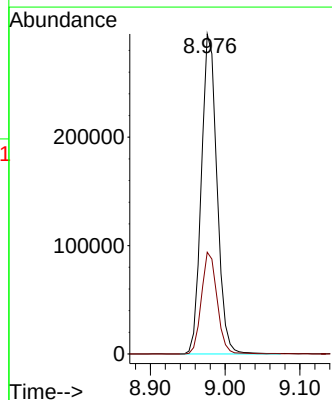
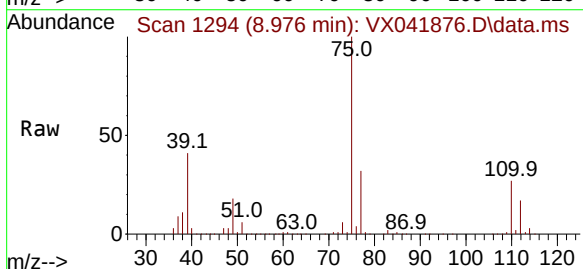
Manual Integrations
APPROVED

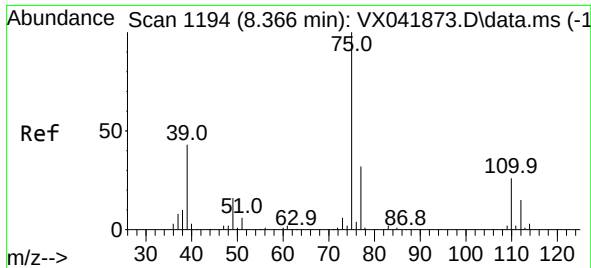
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#48
t-1,3-Dichloropropene
Concen: 171.034 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

Tgt Ion: 75 Resp: 428241
Ion Ratio Lower Upper
75 100
77 31.8 25.1 37.7





#49

cis-1,3-Dichloropropene

Concen: 164.126 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX041876.D

Acq: 14 Jun 2024 14:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 75 Resp: 46096

Ion Ratio Lower Upper

75 100

77 32.4 25.8 38.8

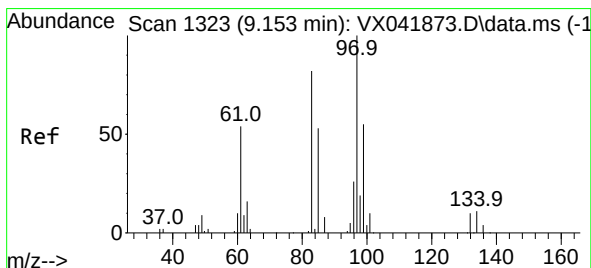
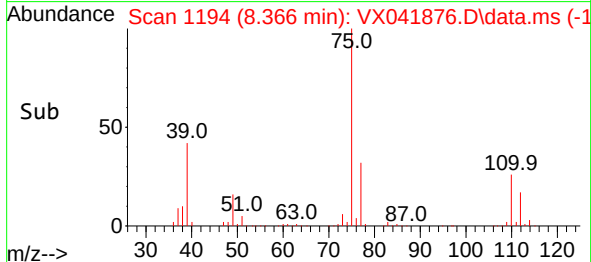
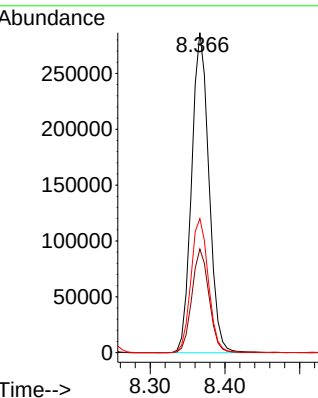
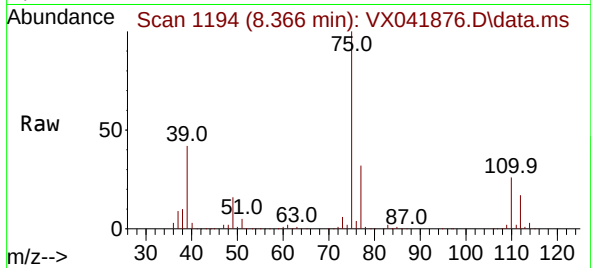
39 41.9 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#50

1,1,2-Trichloroethane

Concen: 150.533 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX041876.D

Acq: 14 Jun 2024 14:29

Tgt Ion: 97 Resp: 297115

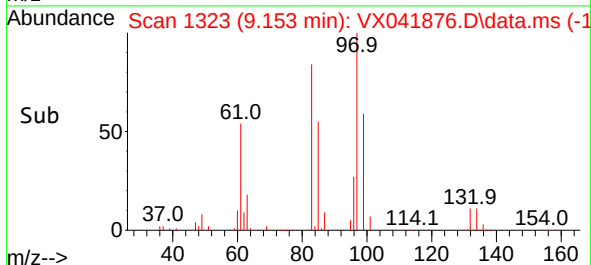
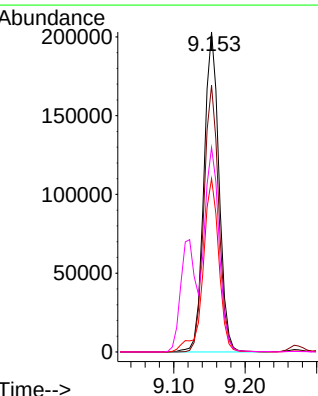
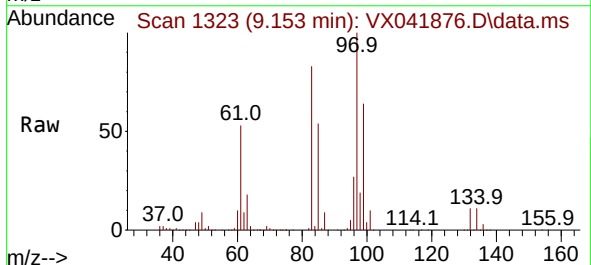
Ion Ratio Lower Upper

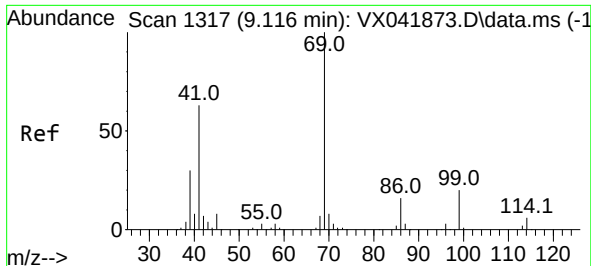
97 100

83 83.3 65.9 98.9

85 54.1 42.9 64.3

99 63.8 48.8 73.2





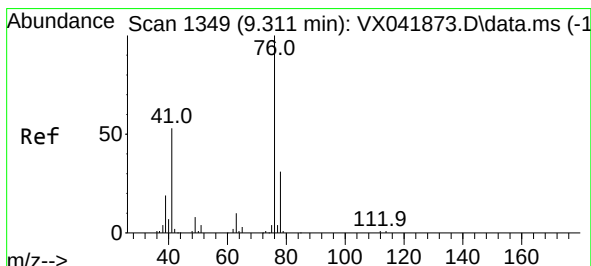
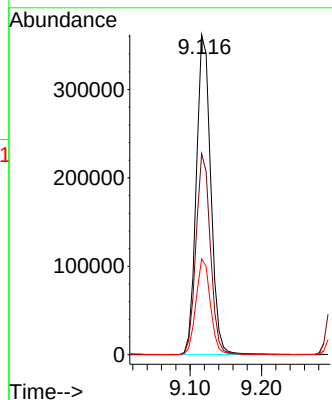
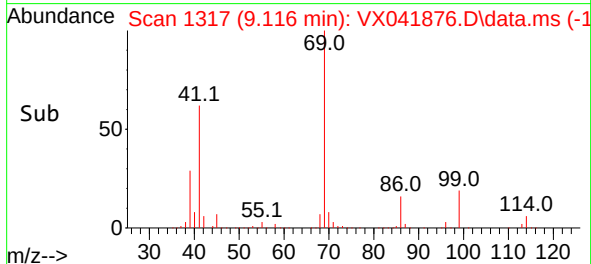
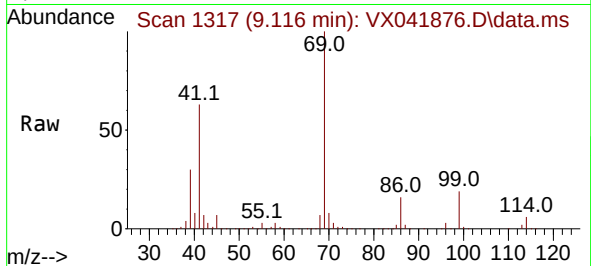
#51
Ethyl methacrylate
Concen: 161.455 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 69 Resp: 506238
Ion Ratio Lower Upper
69 100
41 62.8 31.6 94.7
39 29.9 15.3 45.8

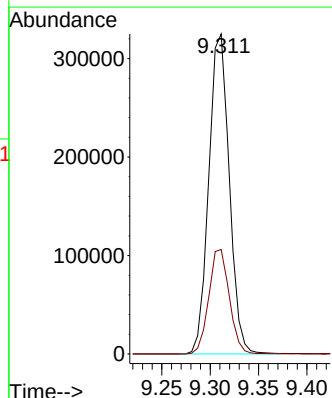
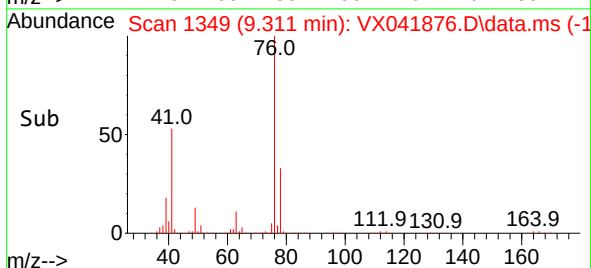
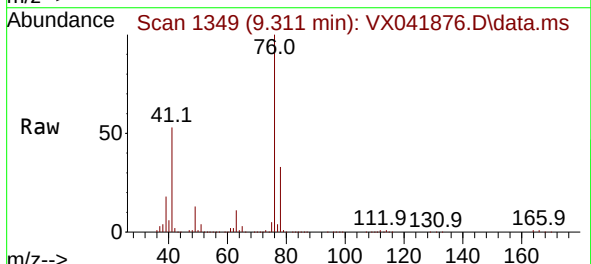
Manual Integrations
APPROVED

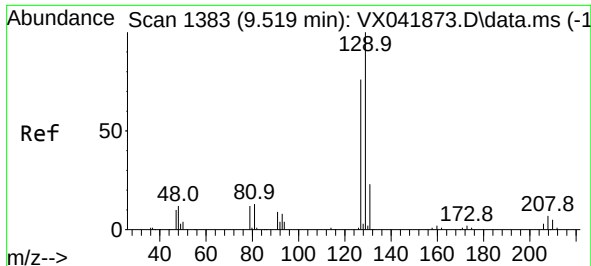
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#52
1,3-Dichloropropane
Concen: 148.612 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

Tgt Ion: 76 Resp: 479536
Ion Ratio Lower Upper
76 100
78 32.8 0.0 66.0





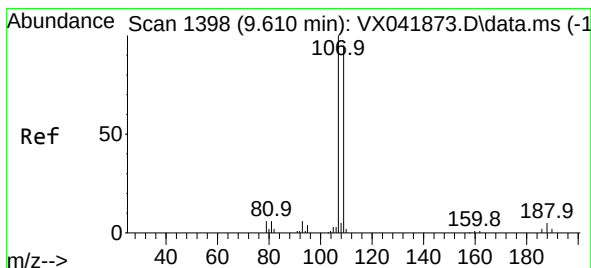
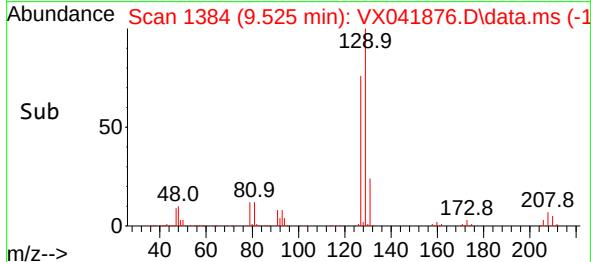
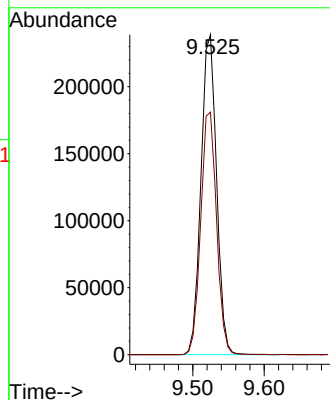
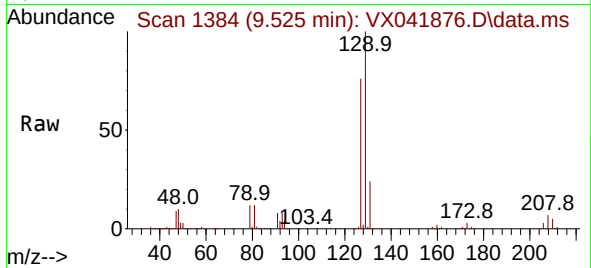
#53
Dibromochloromethane
Concen: 167.295 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:129 Resp: 361352
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.4

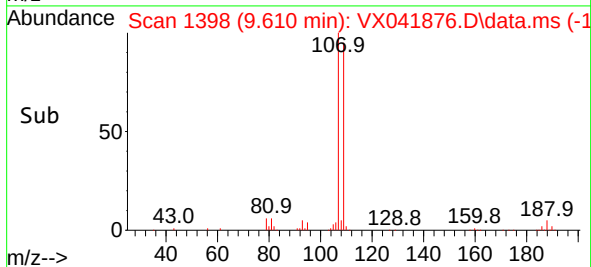
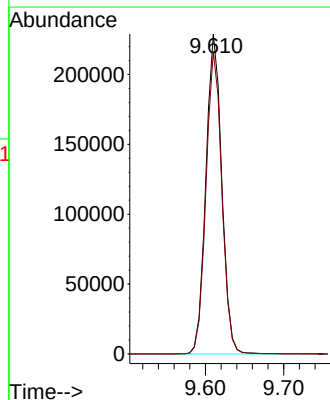
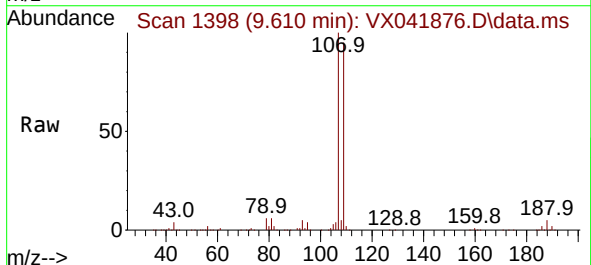
Manual Integrations
APPROVED

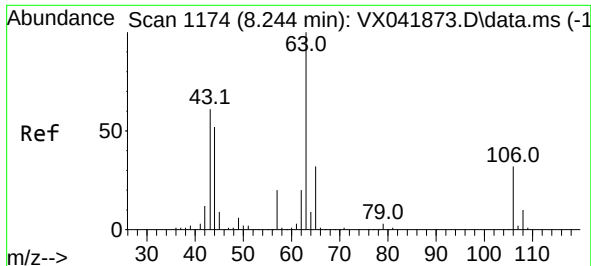
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#54
1,2-Dibromoethane
Concen: 154.175 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

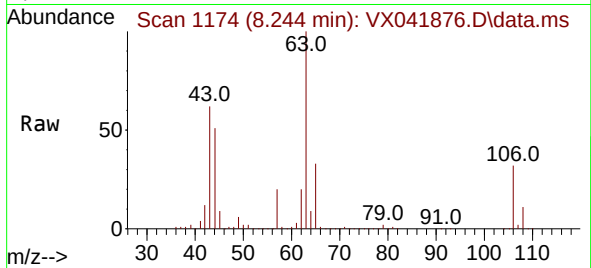
Tgt Ion:107 Resp: 320901
Ion Ratio Lower Upper
107 100
109 94.1 75.7 113.5





#55
2-Chloroethyl vinyl ether
Concen: 755.446 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

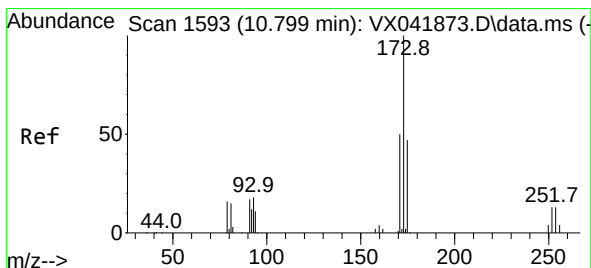
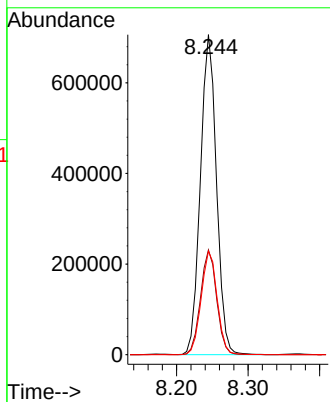
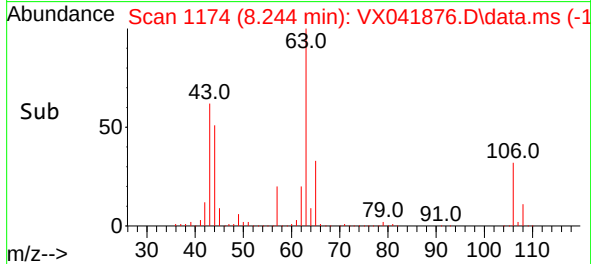
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 63 Resp: 1102524
Ion Ratio Lower Upper
63 100
65 32.7 25.7 38.5
106 32.2 25.3 37.9

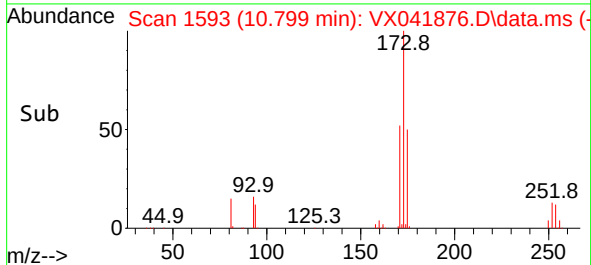
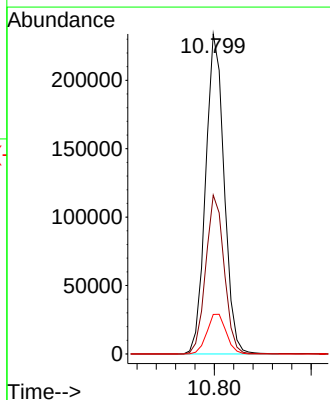
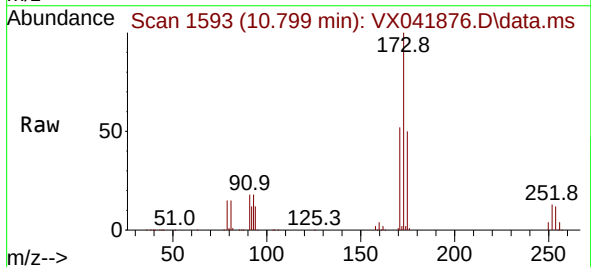
Manual Integrations
APPROVED

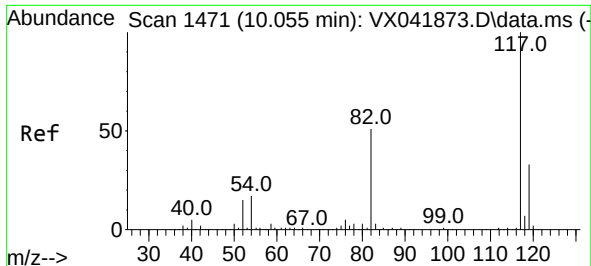
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#56
Bromoform
Concen: 176.488 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

Tgt Ion:173 Resp: 310844
Ion Ratio Lower Upper
173 100
175 49.6 39.3 58.9
254 13.0 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: VX041876.D

Acq: 14 Jun 2024 14:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:117 Resp: 16755

Ion Ratio Lower Upper

117 100

82 50.2 41.1 61.7

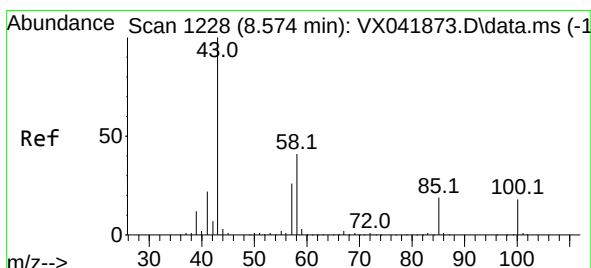
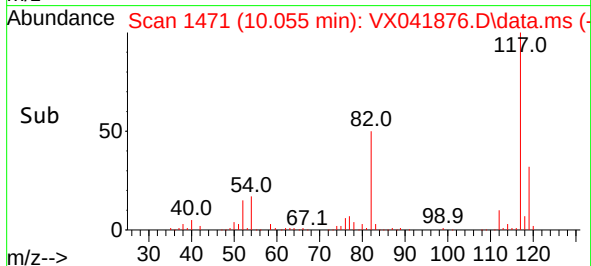
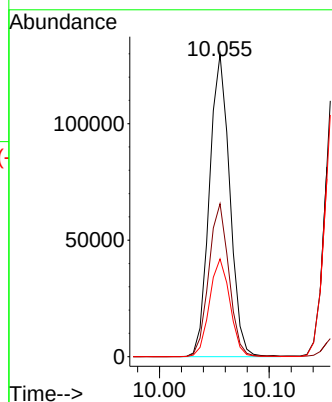
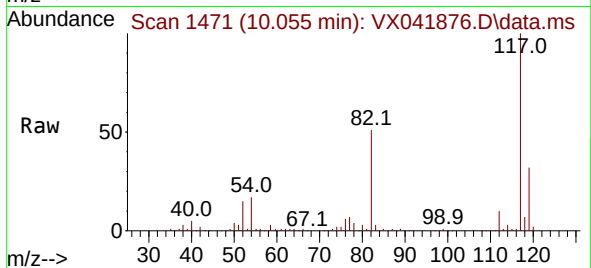
119 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#58

4-Methyl-2-Pentanone

Concen: 741.901 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX041876.D

Acq: 14 Jun 2024 14:29

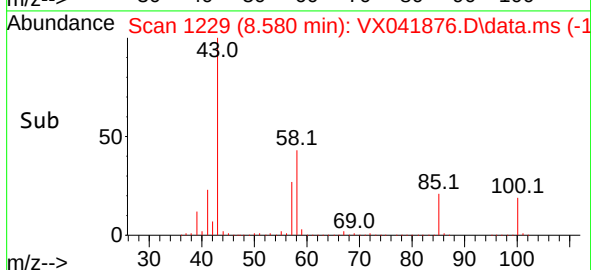
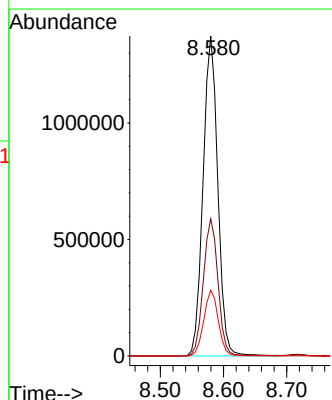
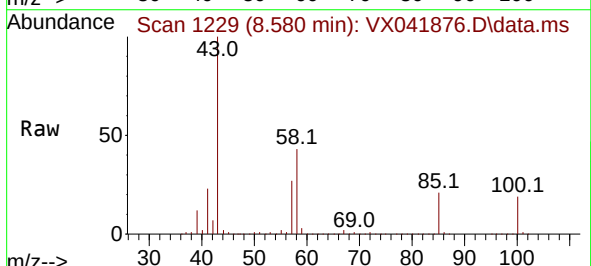
Tgt Ion: 43 Resp: 2227491

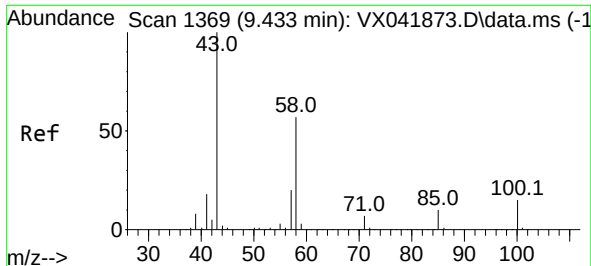
Ion Ratio Lower Upper

43 100

58 42.5 33.2 49.8

85 20.3 15.5 23.3





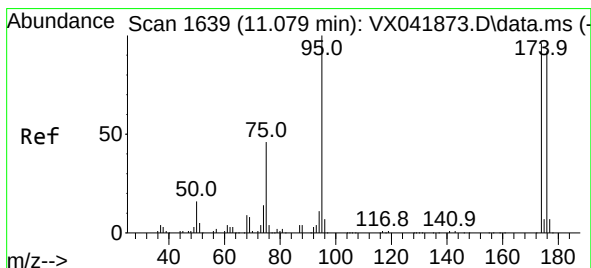
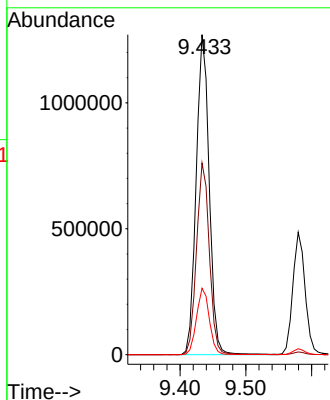
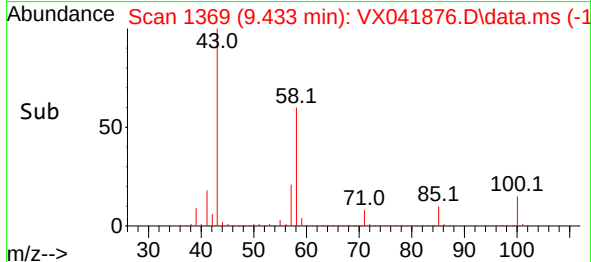
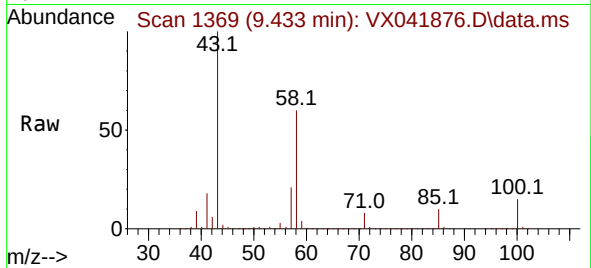
#59
2-Hexanone
Concen: 750.011 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 1738052
Ion Ratio Lower Upper
43 100
58 59.4 46.0 69.0
57 20.5 15.8 23.6

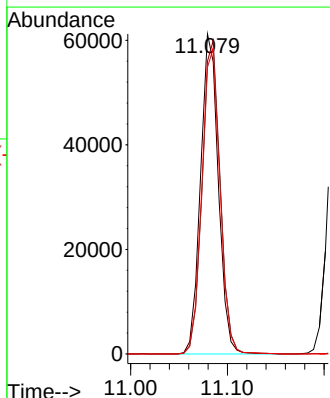
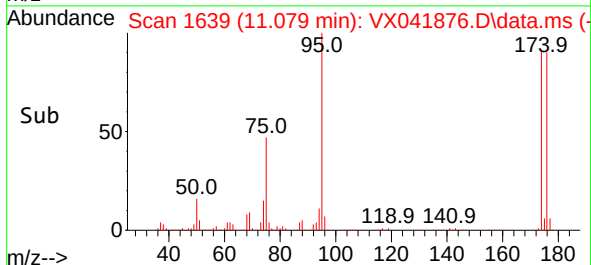
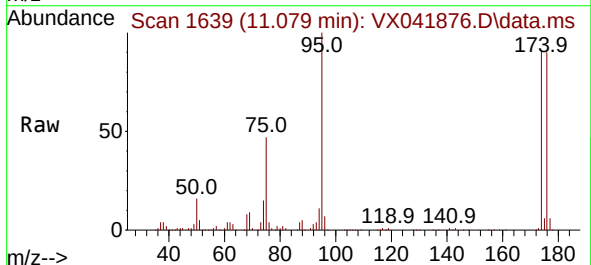
Manual Integrations
APPROVED

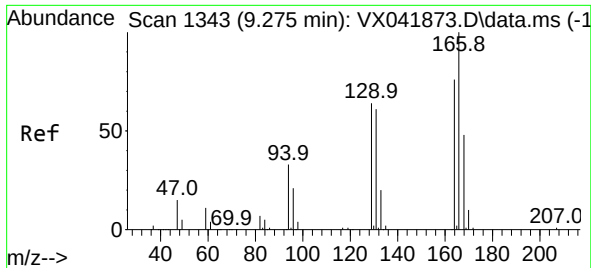
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#60
4-Bromofluorobenzene
Concen: 30.257 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

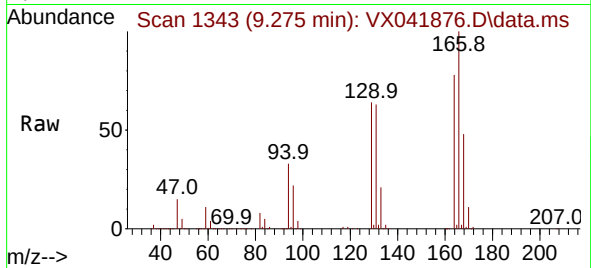
Tgt Ion: 95 Resp: 78474
Ion Ratio Lower Upper
95 100
174 99.3 78.9 118.3
176 96.7 77.1 115.7





#61
Tetrachloroethene
Concen: 146.857 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

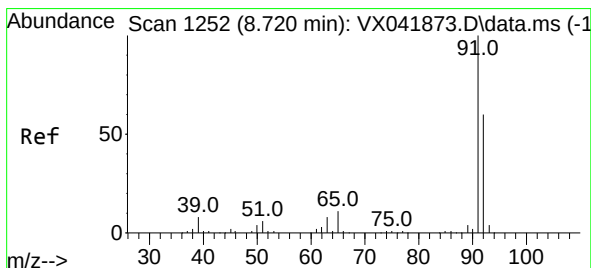
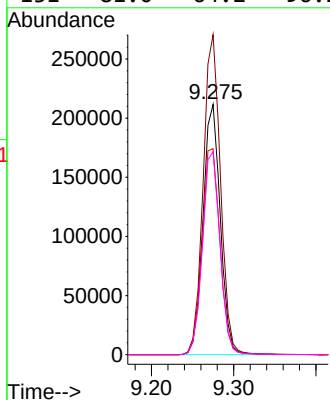
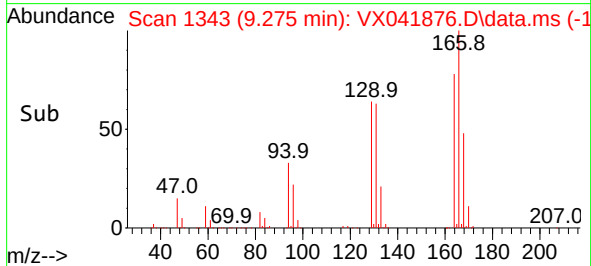
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



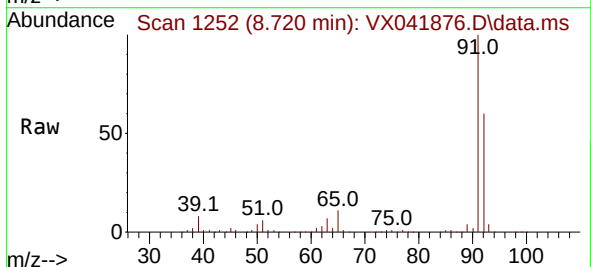
Tgt Ion:164 Resp: 309629
Ion Ratio Lower Upper
164 100
166 127.9 105.0 157.6
129 82.3 67.1 100.7
131 81.0 64.2 96.2

Manual Integrations
APPROVED

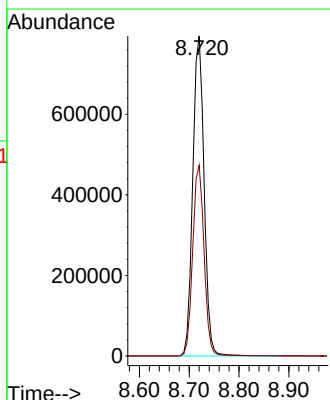
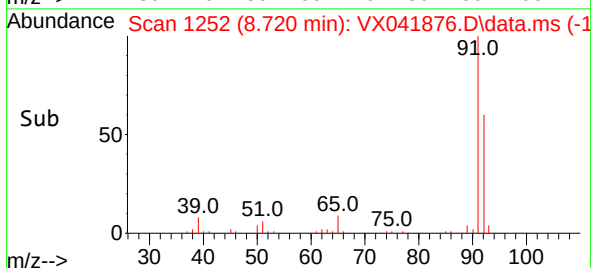
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

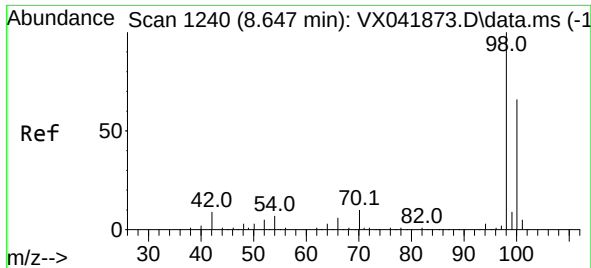


#62
Toluene
Concen: 147.752 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29



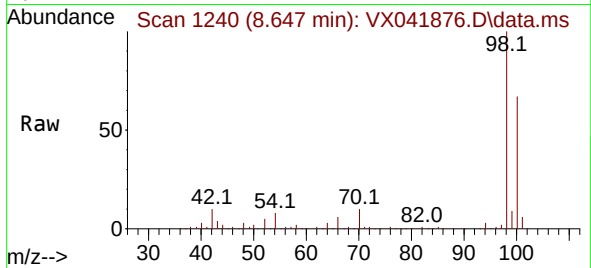
Tgt Ion: 91 Resp: 1252754
Ion Ratio Lower Upper
91 100
92 59.9 47.4 71.2





#63
Toluene-d8
Concen: 29.273 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

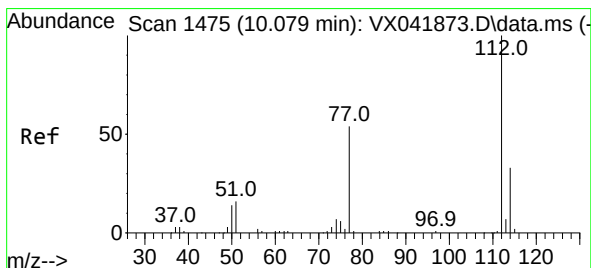
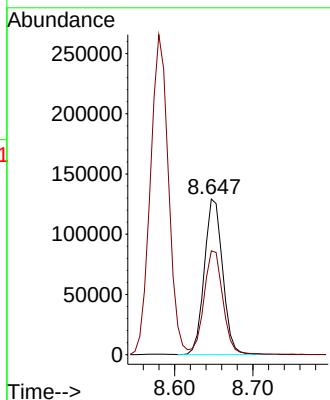
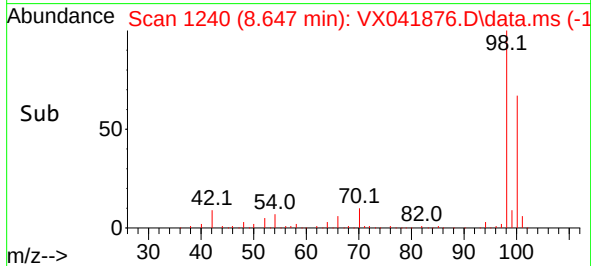
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



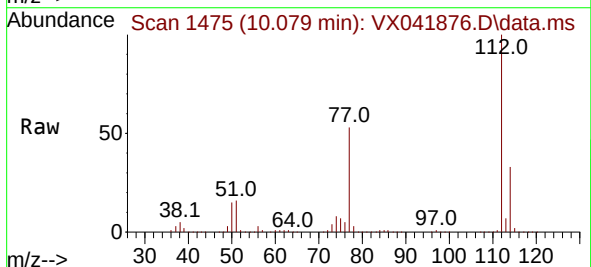
Tgt Ion: 98 Resp: 209845
Ion Ratio Lower Upper
98 100
100 68.0 52.7 79.1

Manual Integrations
APPROVED

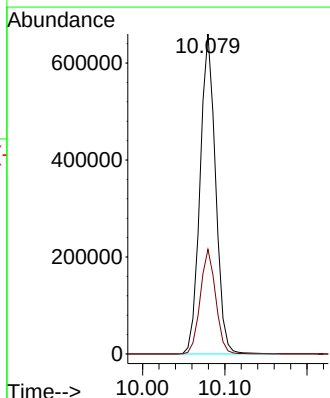
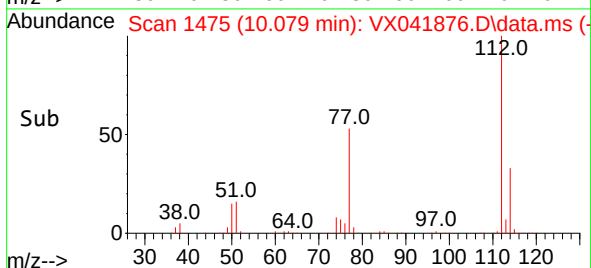
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

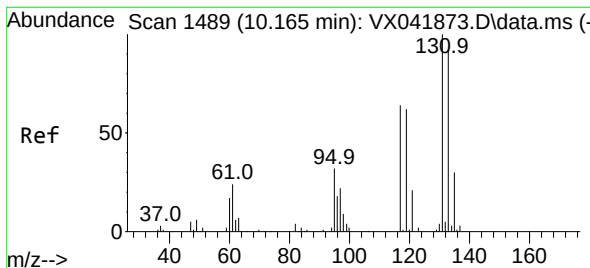


#64
Chlorobenzene
Concen: 149.943 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29



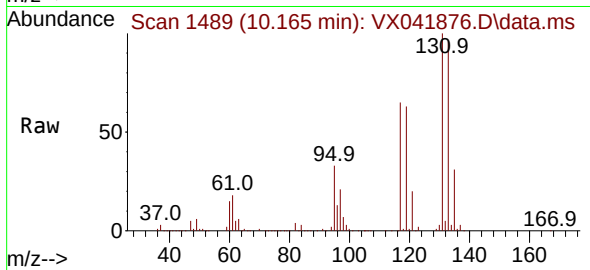
Tgt Ion:112 Resp: 865732
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.4





#65
1,1,1,2-Tetrachloroethane
Concen: 158.423 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

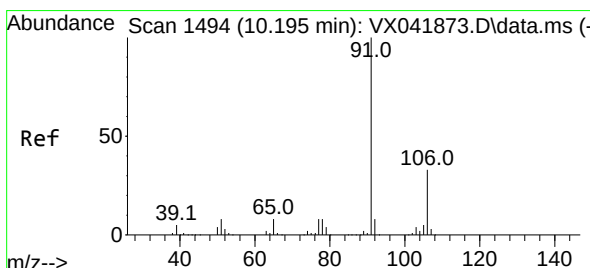
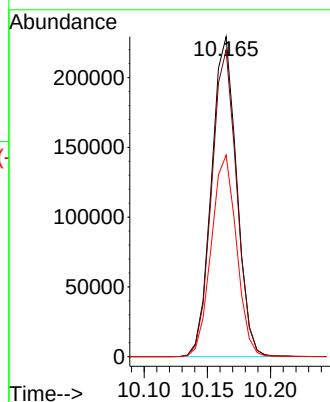
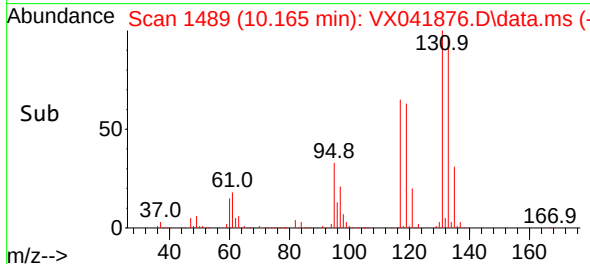
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:131 Resp: 315900
Ion Ratio Lower Upper
131 100
133 95.6 0.0 194.8
119 63.5 0.0 127.6

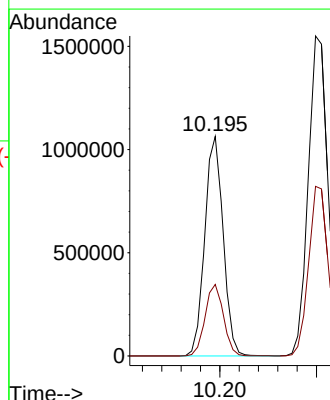
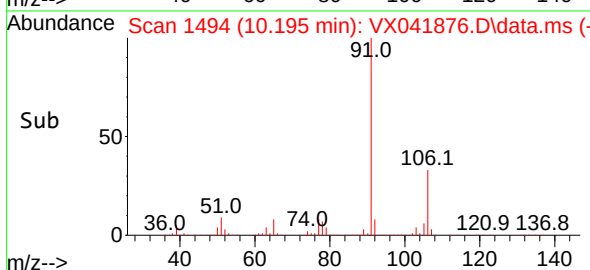
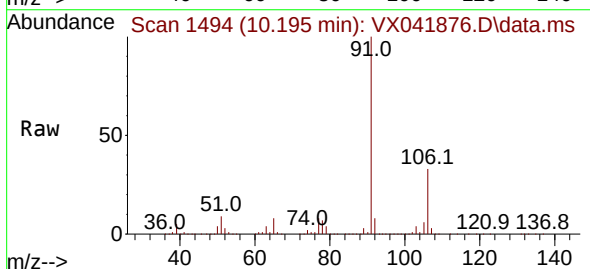
Manual Integrations
APPROVED

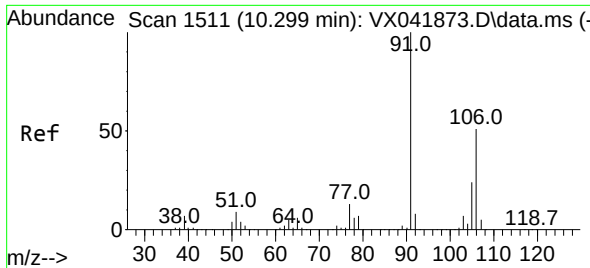
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#66
Ethyl Benzene
Concen: 152.087 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

Tgt Ion: 91 Resp: 1409804
Ion Ratio Lower Upper
91 100
106 32.6 26.4 39.6





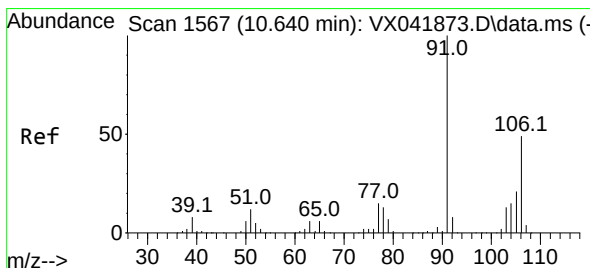
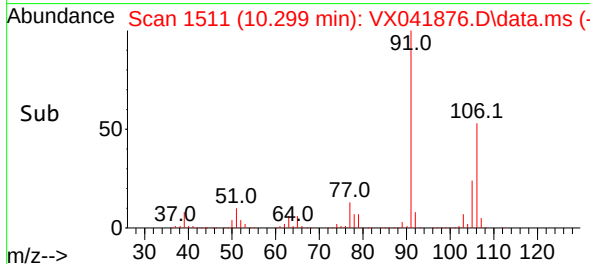
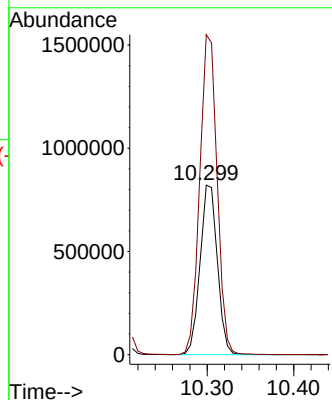
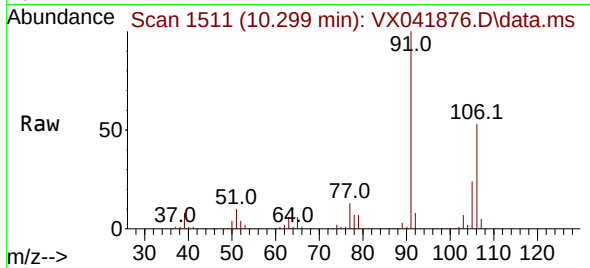
#67
m/p-Xylenes
Concen: 305.226 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 113806
Ion Ratio Lower Upper
106 100
91 190.0 157.0 235.6

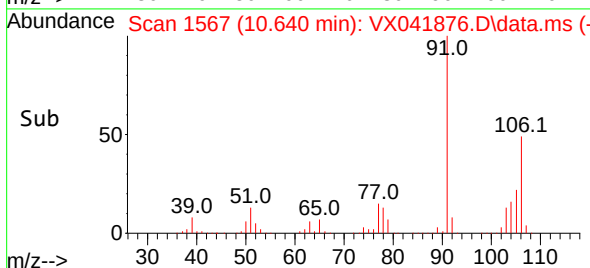
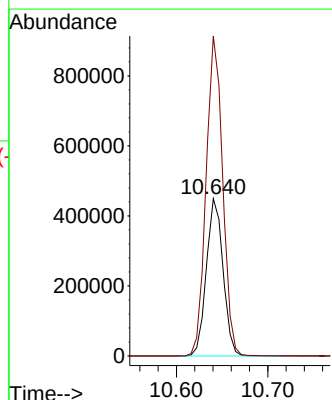
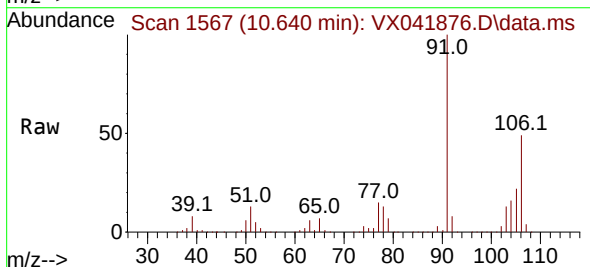
Manual Integrations
APPROVED

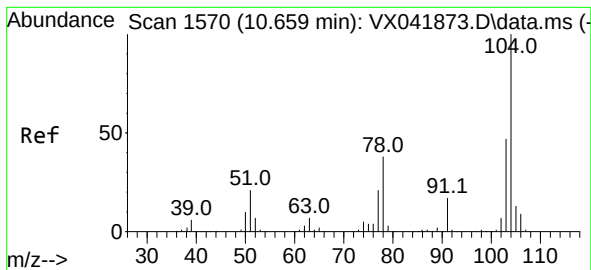
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#68
o-Xylene
Concen: 152.633 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

Tgt Ion:106 Resp: 567397
Ion Ratio Lower Upper
106 100
91 202.3 103.2 309.6





#69

Styrene

Concen: 157.474 ug/l

RT: 10.659 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041876.D

Acq: 14 Jun 2024 14:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:104 Resp: 978238

Ion Ratio Lower Upper

104 100

78 46.4 36.5 54.7

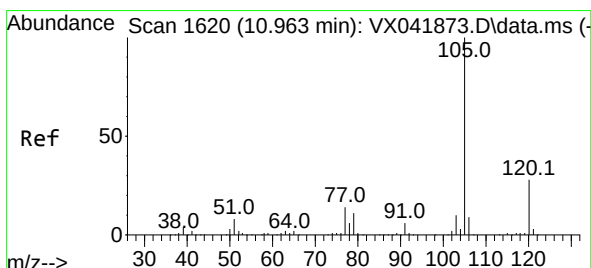
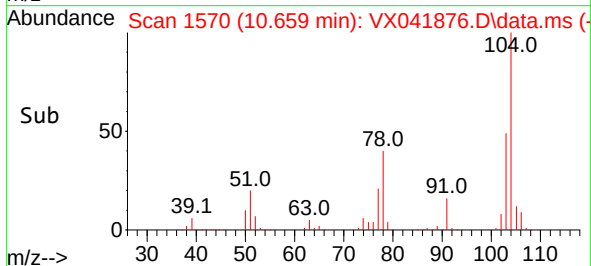
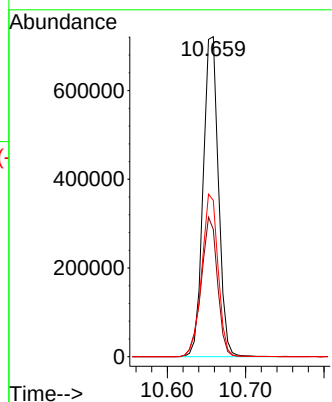
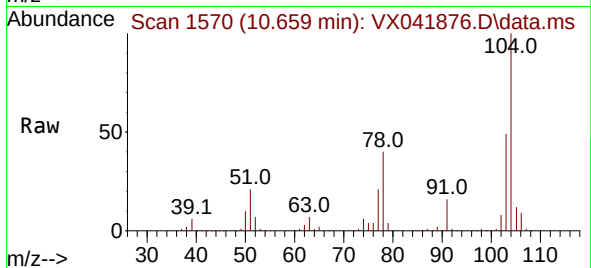
103 54.4 43.4 65.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#70

Isopropylbenzene

Concen: 151.291 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX041876.D

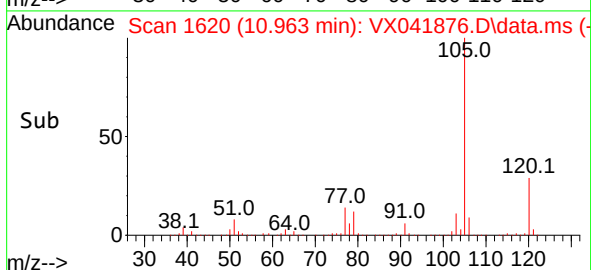
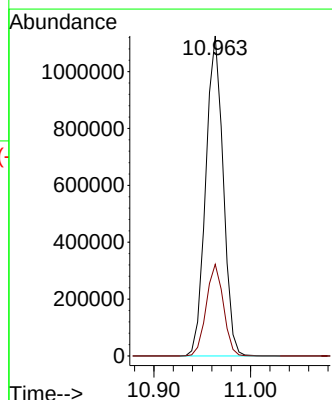
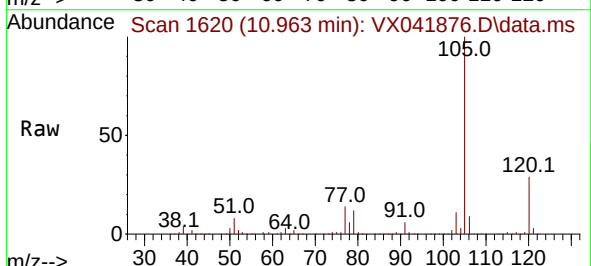
Acq: 14 Jun 2024 14:29

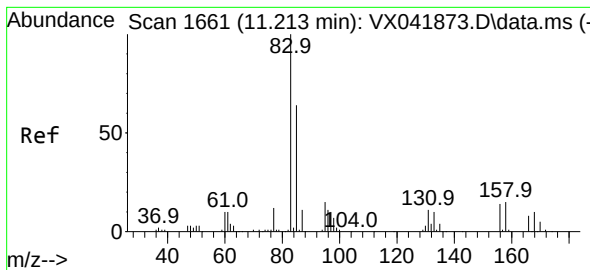
Tgt Ion:105 Resp: 1414092

Ion Ratio Lower Upper

105 100

120 28.2 19.2 35.6





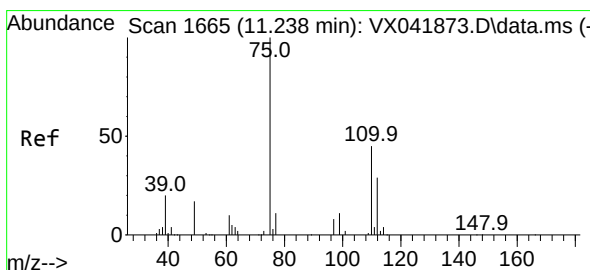
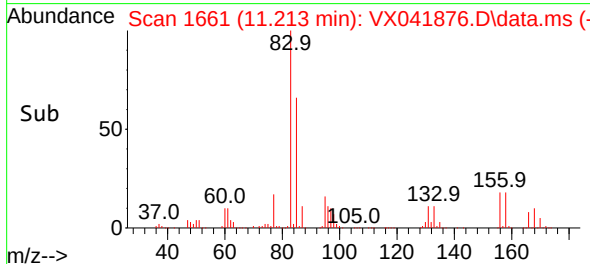
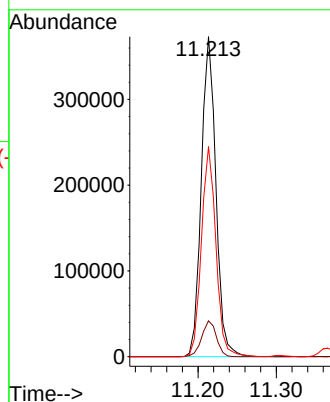
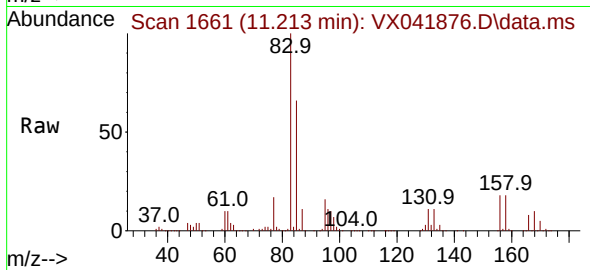
#71
1,1,2,2-Tetrachloroethane
Concen: 149.141 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 48243
Ion Ratio Lower Upper
83 100
131 11.3 5.5 16.7
85 65.2 32.6 97.7

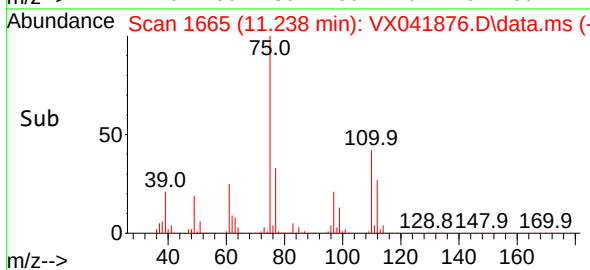
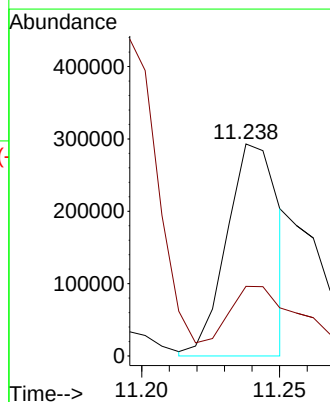
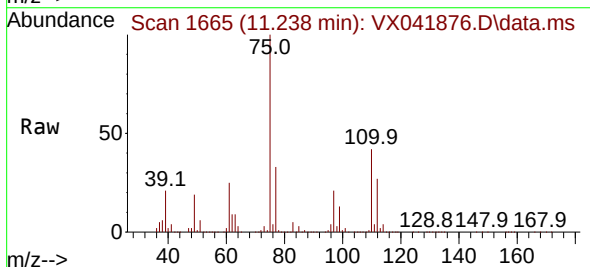
Manual Integrations
APPROVED

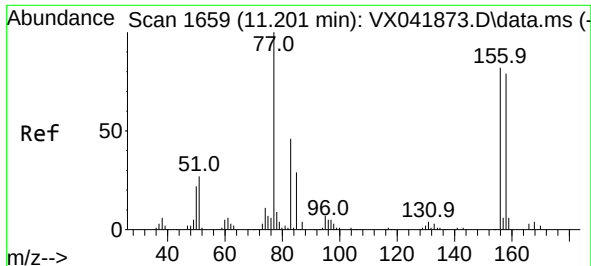
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#72
1,2,3-Trichloropropane
Concen: 137.581 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

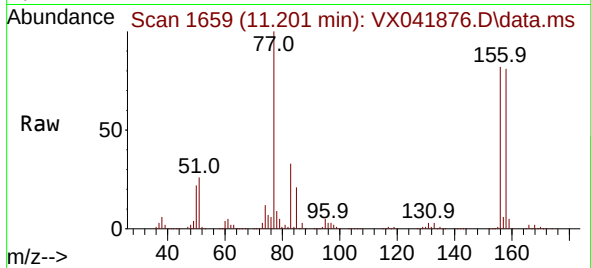
Tgt Ion: 75 Resp: 381465
Ion Ratio Lower Upper
75 100
77 47.7 0.0 79.6





#73
Bromobenzene
Concen: 153.710 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

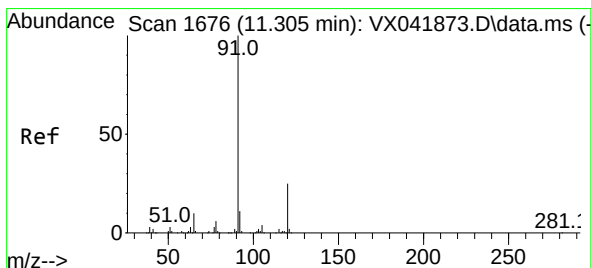
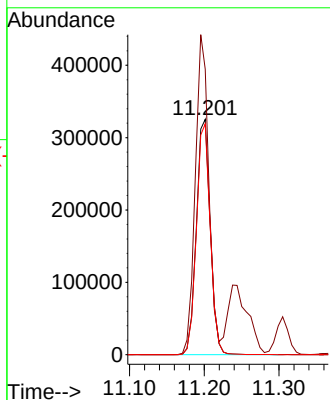
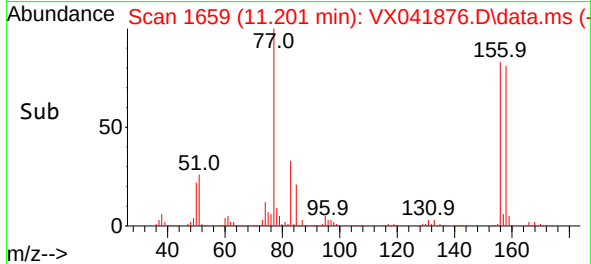
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



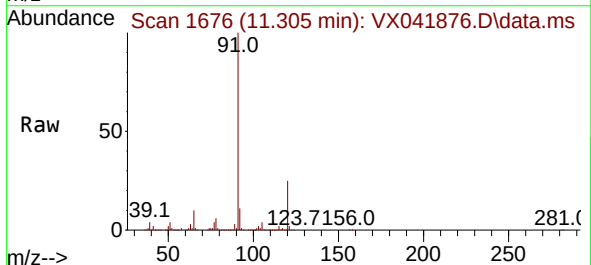
Tgt Ion:156 Resp: 419068
Ion Ratio Lower Upper
156 100
77 132.0 0.0 266.2
158 97.8 0.0 195.2

Manual Integrations
APPROVED

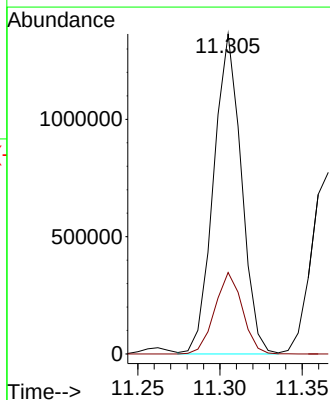
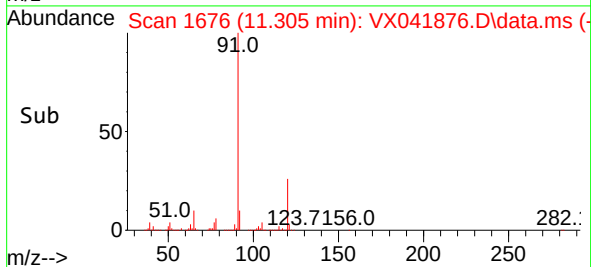
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

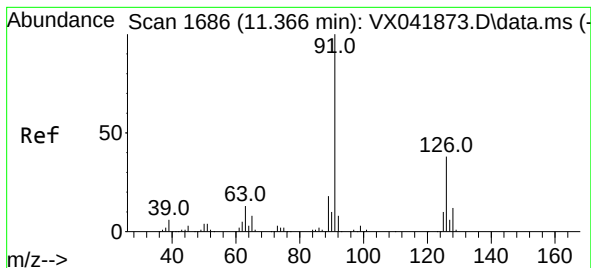


#74
n-propylbenzene
Concen: 156.162 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29



Tgt Ion: 91 Resp: 1603399
Ion Ratio Lower Upper
91 100
120 25.1 0.0 49.6





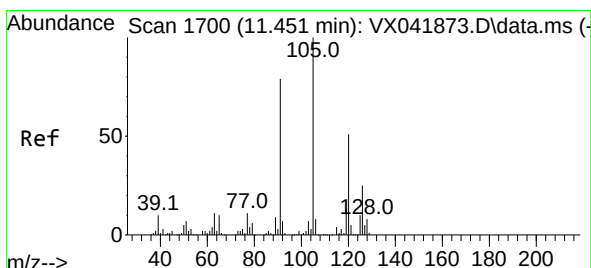
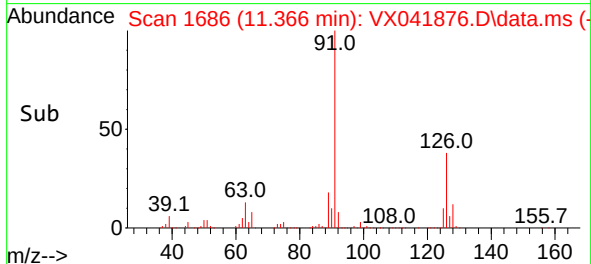
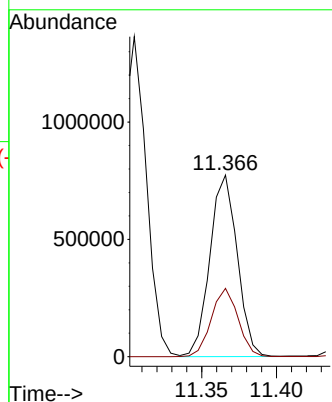
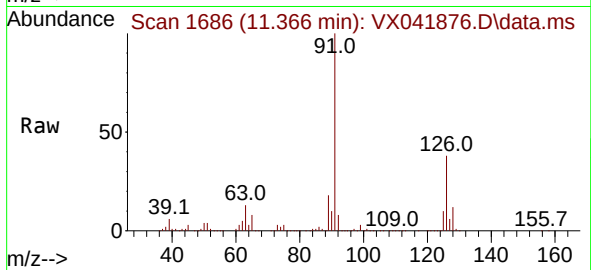
#75
2-Chlorotoluene
Concen: 151.013 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 984580
Ion Ratio Lower Upper
91 100
126 36.7 0.0 72.6

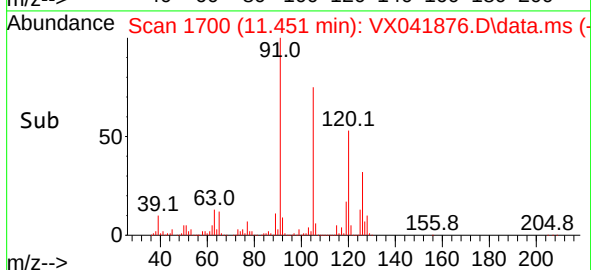
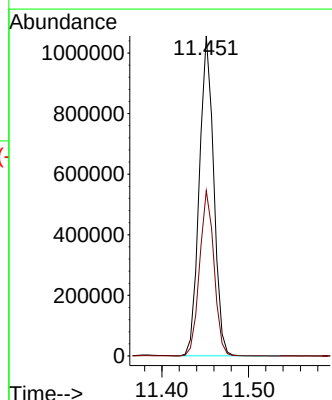
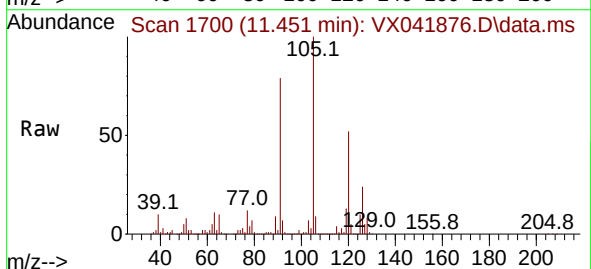
Manual Integrations
APPROVED

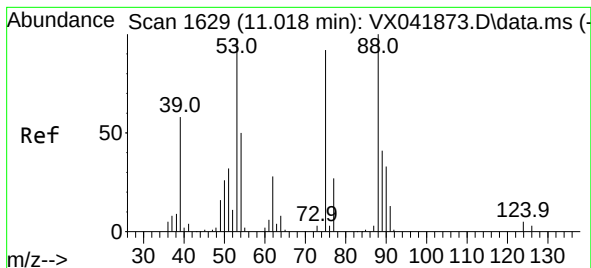
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#76
1,3,5-Trimethylbenzene
Concen: 155.503 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

Tgt Ion:105 Resp: 1217672
Ion Ratio Lower Upper
105 100
120 51.7 0.0 103.0





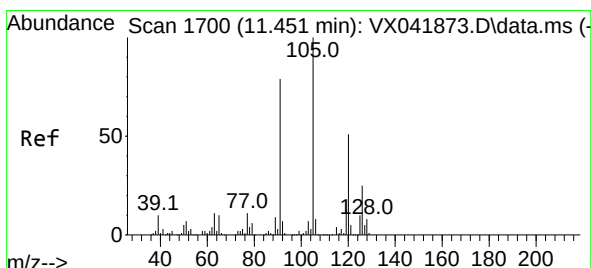
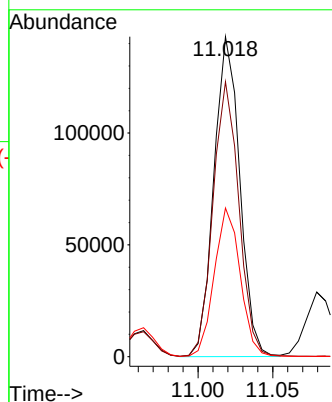
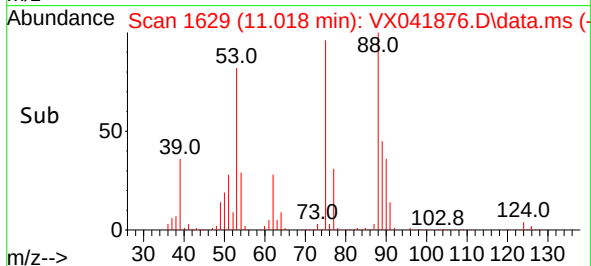
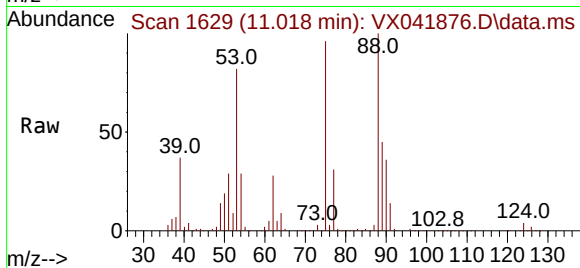
#77
t-1,4-Dichloro-2-butene
Concen: 177.835 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 17236
Ion Ratio Lower Upper
75 100
53 85.9 53.4 160.2
89 46.4 22.5 67.5

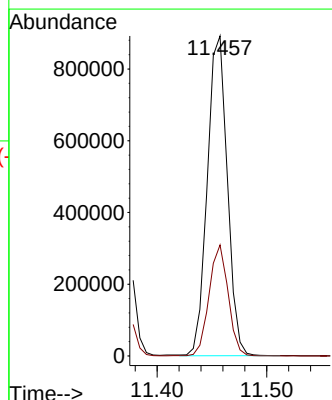
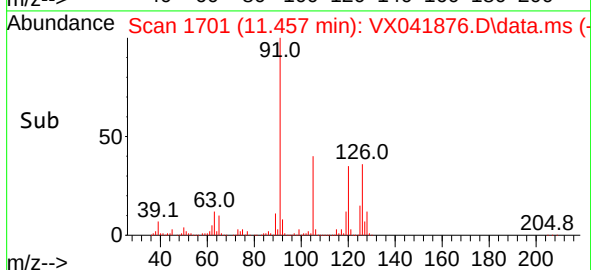
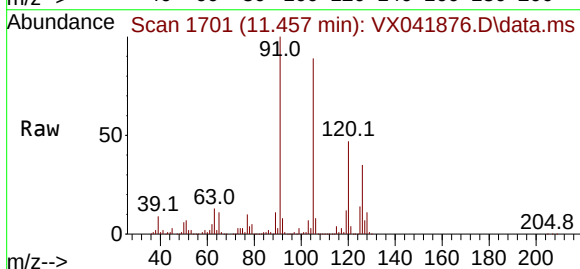
Manual Integrations
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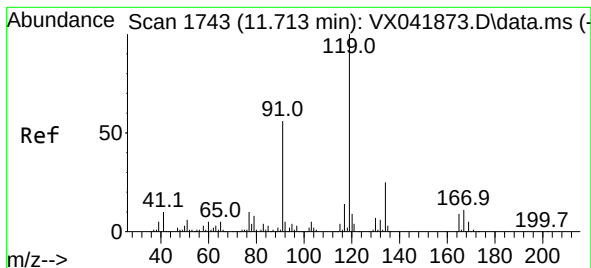
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#78
4-Chlorotoluene
Concen: 155.872 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

Tgt Ion: 91 Resp: 1128949
Ion Ratio Lower Upper
91 100
126 33.1 0.0 64.8





#79

tert-butylbenzene

Concen: 155.108 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041876.D

Acq: 14 Jun 2024 14:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:119 Resp: 128924

Ion Ratio Lower Upper

119 100

91 52.3 0.0 106.0

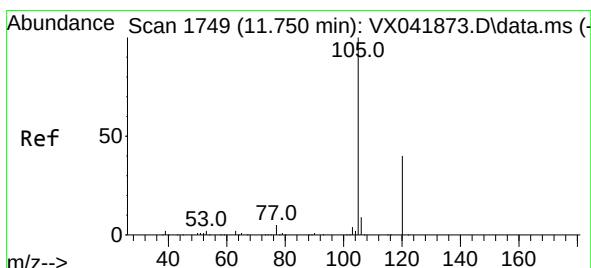
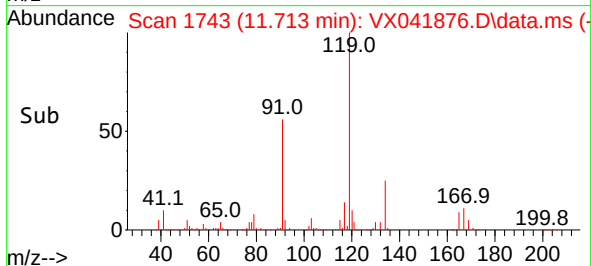
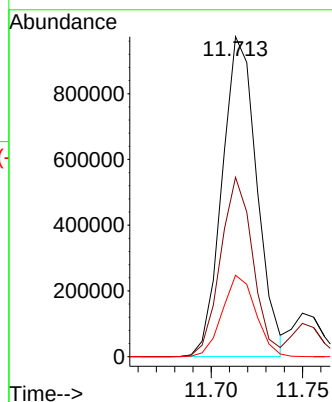
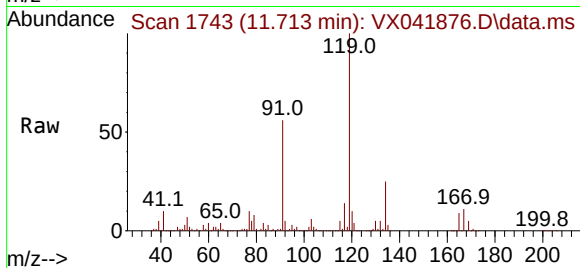
134 24.4 0.0 49.4

Manual Integrations

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Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#80

1,2,4-Trimethylbenzene

Concen: 156.318 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041876.D

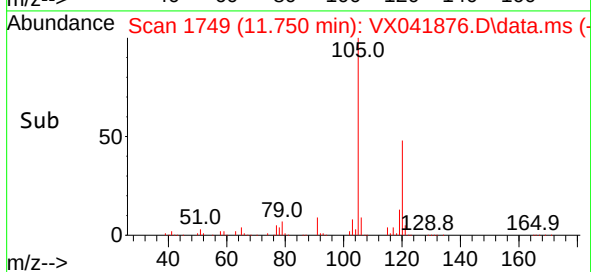
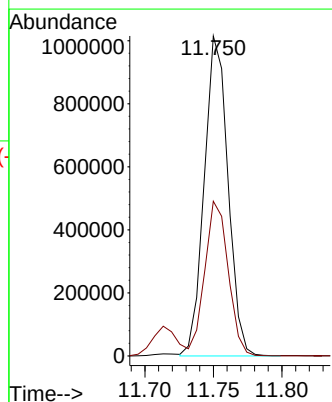
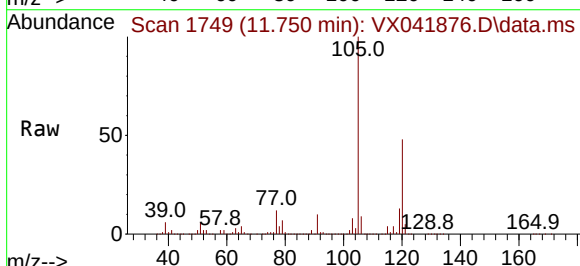
Acq: 14 Jun 2024 14:29

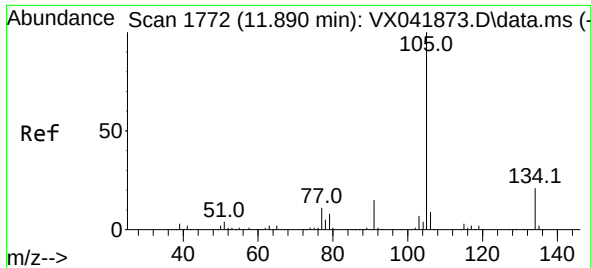
Tgt Ion:105 Resp: 1222879

Ion Ratio Lower Upper

105 100

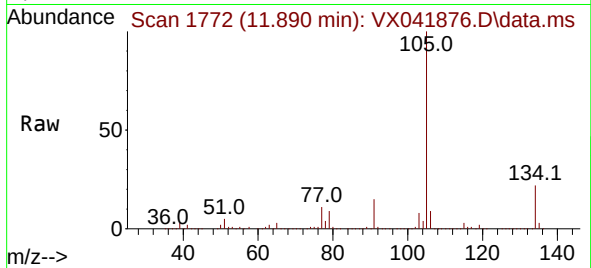
120 47.6 0.0 96.2





#81
 sec-Butylbenzene
 Concen: 157.237 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041876.D
 Acq: 14 Jun 2024 14:29

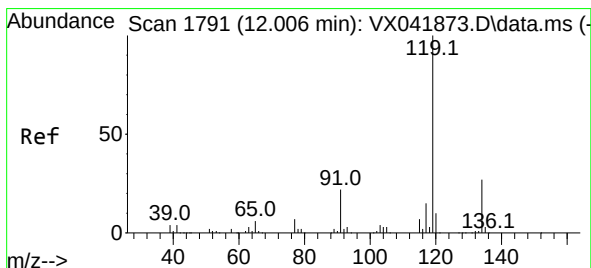
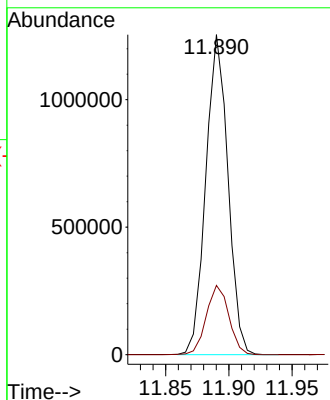
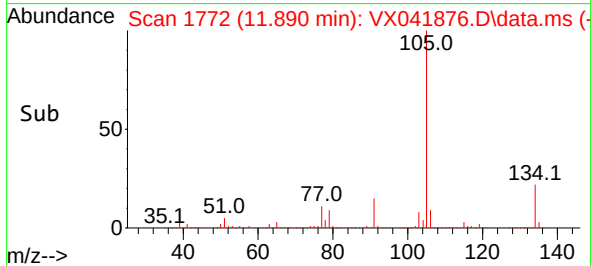
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



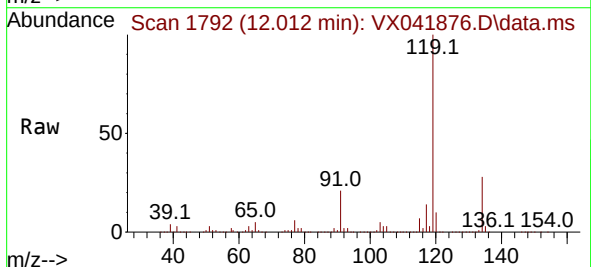
Tgt Ion:105 Resp: 1524360
 Ion Ratio Lower Upper
 105 100
 134 22.1 0.0 43.2

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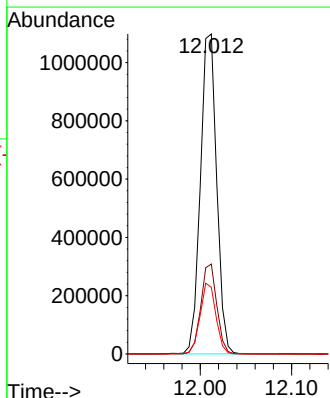
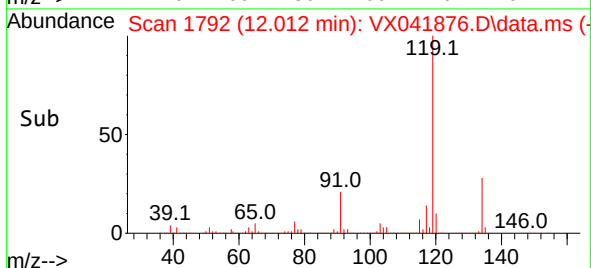
Reviewed By :John Carlone 06/17/2024
 Supervised By :Mahesh Dadoda 06/17/2024

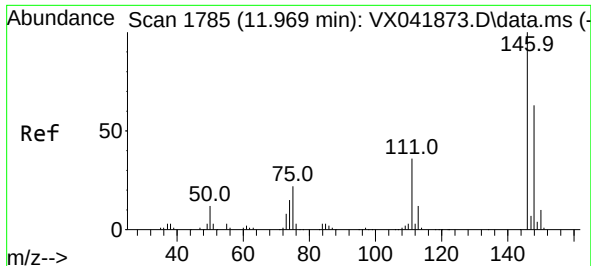


#82
 p-Isopropyltoluene
 Concen: 159.415 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX041876.D
 Acq: 14 Jun 2024 14:29



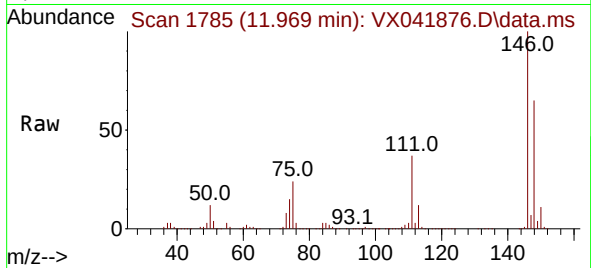
Tgt Ion:119 Resp: 1354315
 Ion Ratio Lower Upper
 119 100
 134 27.5 0.0 54.0
 91 21.5 0.0 42.2





#83
1,3-Dichlorobenzene
Concen: 156.864 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

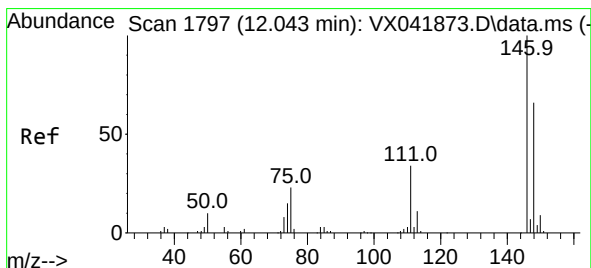
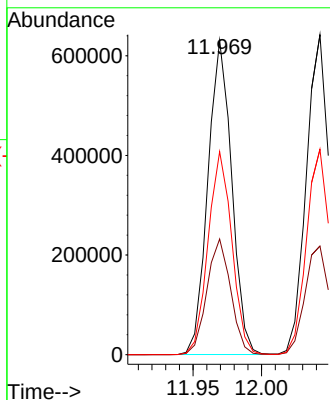
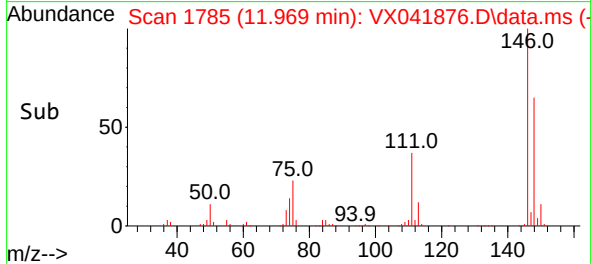
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



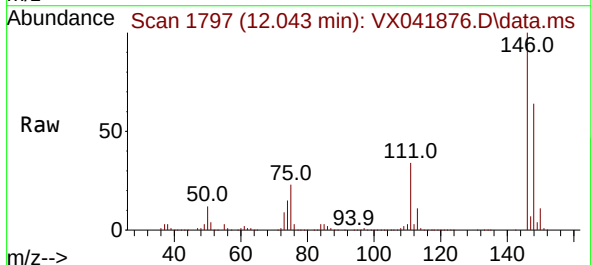
Tgt Ion:146 Resp: 762539
Ion Ratio Lower Upper
146 100
111 36.7 18.0 54.0
148 64.4 31.9 95.7

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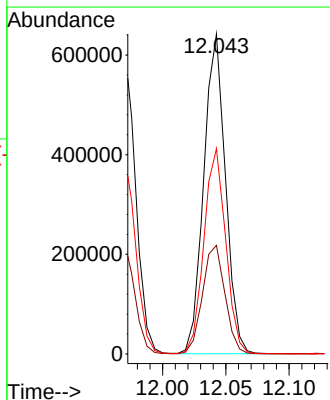
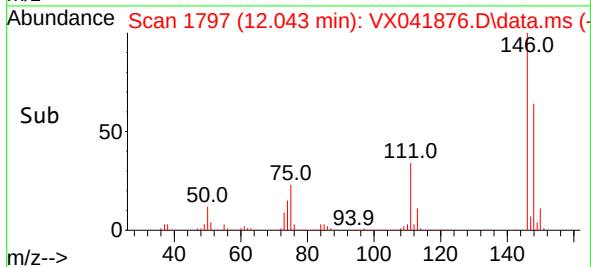
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

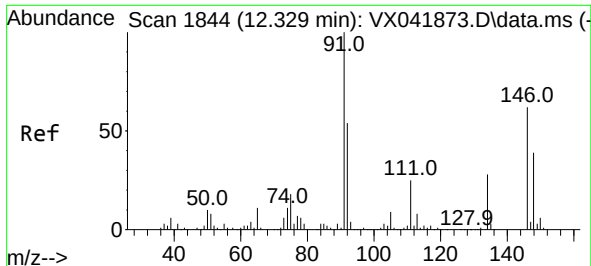


#84
1,4-Dichlorobenzene
Concen: 158.389 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29



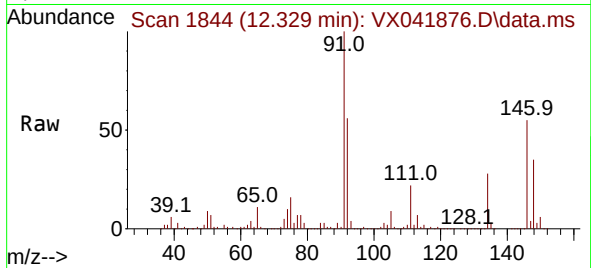
Tgt Ion:146 Resp: 766403
Ion Ratio Lower Upper
146 100
111 35.2 17.4 52.3
148 64.6 32.3 96.9





#85
n-Butylbenzene
Concen: 170.282 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

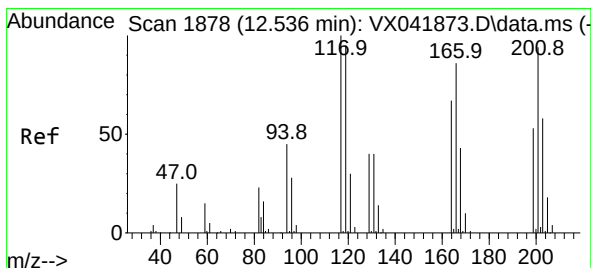
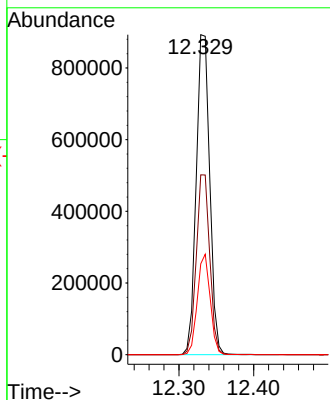
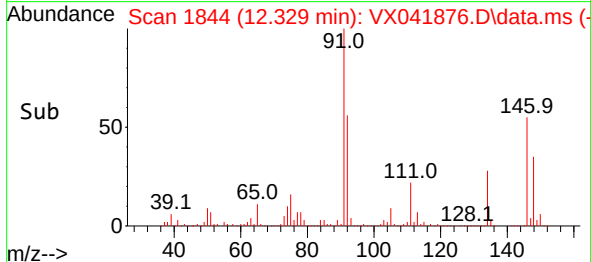
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 91 Resp: 111866
Ion Ratio Lower Upper
91 100
92 55.9 0.0 109.8
134 29.8 0.0 58.4

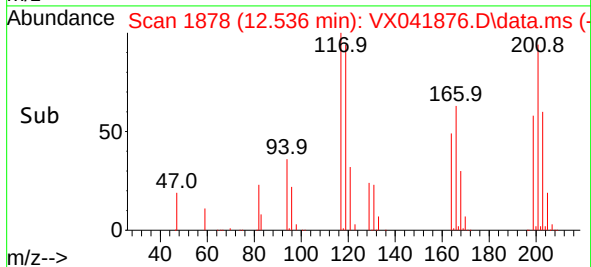
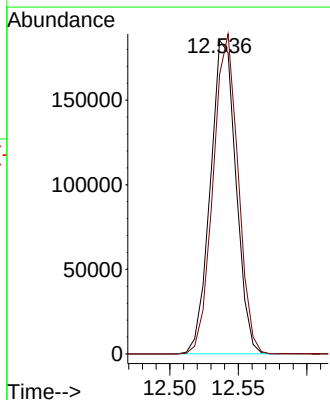
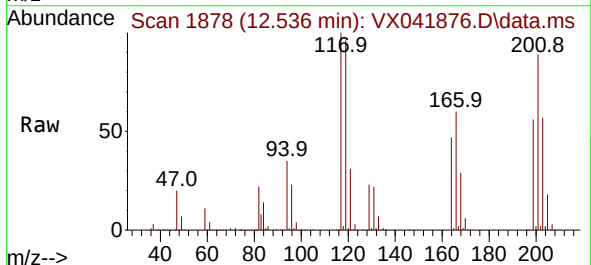
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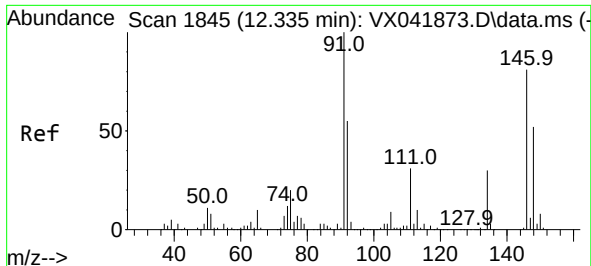
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#86
Hexachloroethane
Concen: 173.660 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

Tgt Ion:117 Resp: 240935
Ion Ratio Lower Upper
117 100
201 99.2 48.9 146.8





#87

1,2-Dichlorobenzene

Concen: 155.261 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041876.D

Acq: 14 Jun 2024 14:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:146 Resp: 763300

Ion Ratio Lower Upper

146 100

111 38.3 19.1 57.3

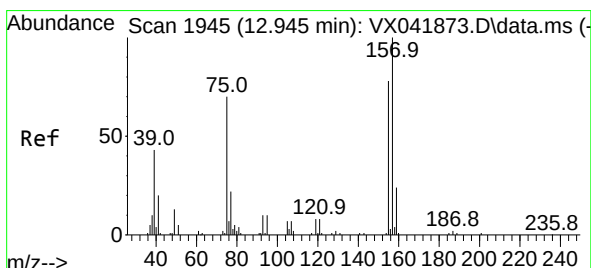
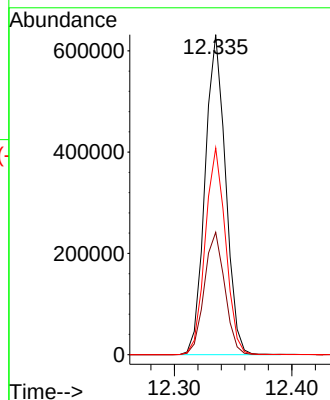
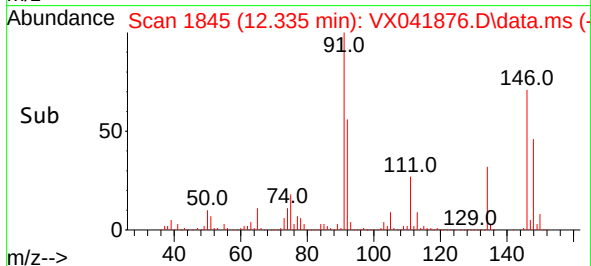
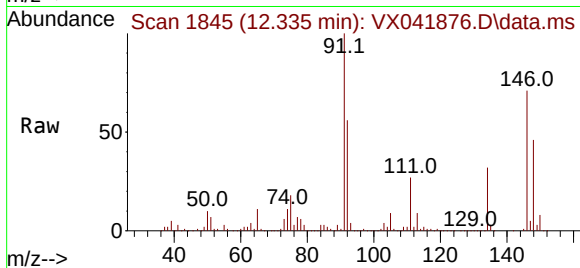
148 64.1 32.4 97.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 167.133 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX041876.D

Acq: 14 Jun 2024 14:29

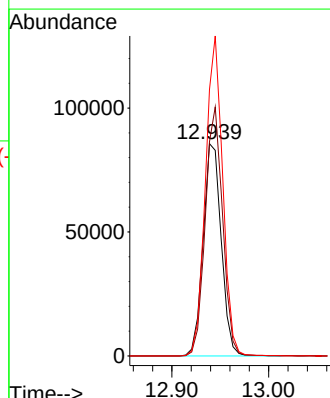
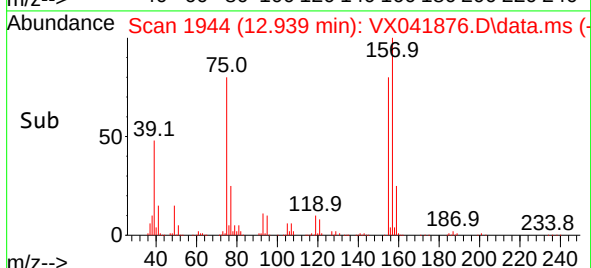
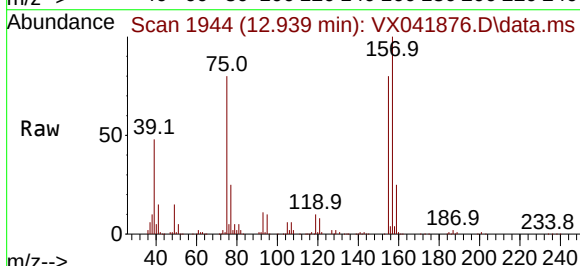
Tgt Ion: 75 Resp: 111827

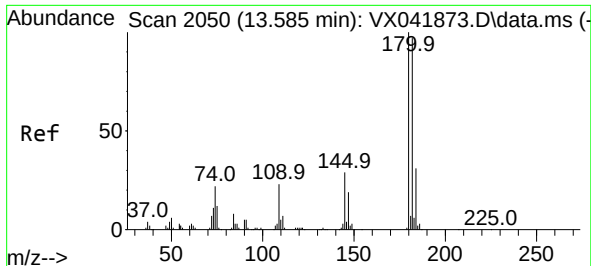
Ion Ratio Lower Upper

75 100

155 112.2 88.6 133.0

157 142.9 112.8 169.2





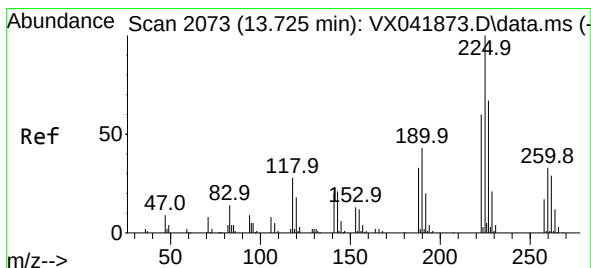
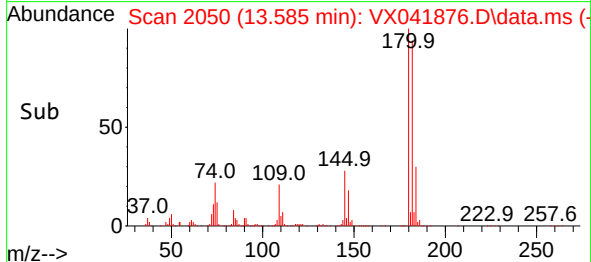
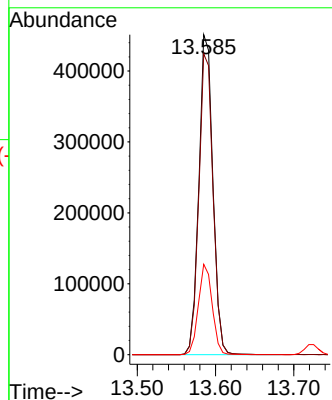
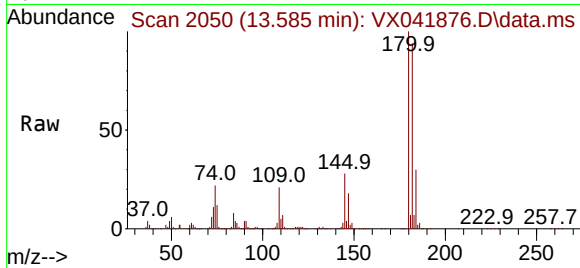
#89
1,2,4-Trichlorobenzene
Concen: 168.933 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:180 Resp: 562192
Ion Ratio Lower Upper
180 100
182 95.1 76.9 115.3
145 27.8 22.8 34.2

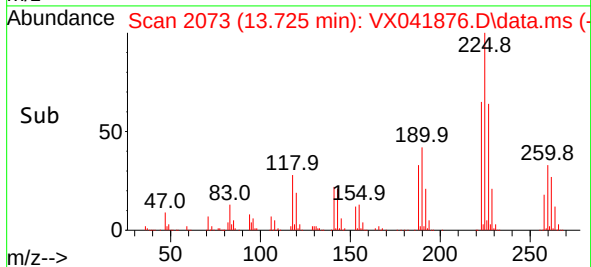
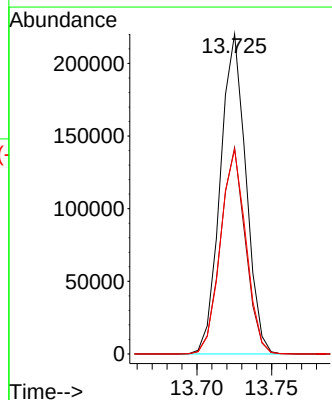
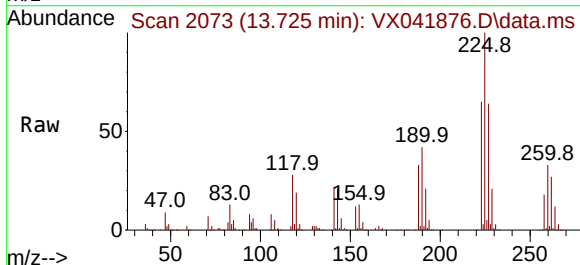
Manual Integrations
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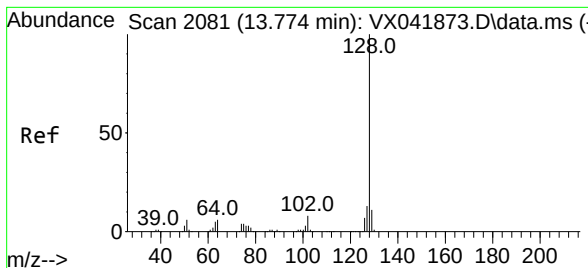
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#90
Hexachlorobutadiene
Concen: 159.834 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

Tgt Ion:225 Resp: 262105
Ion Ratio Lower Upper
225 100
223 62.7 0.0 120.8
227 63.6 0.0 126.6





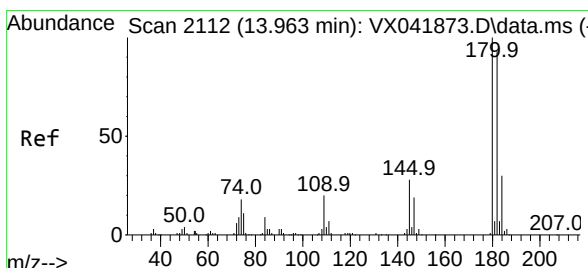
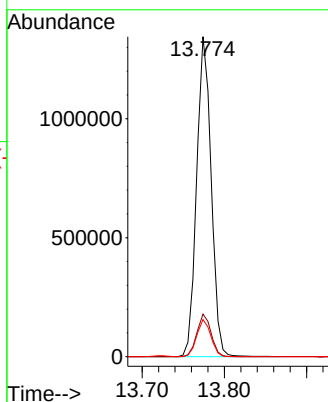
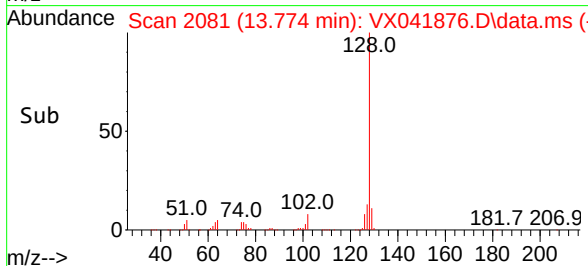
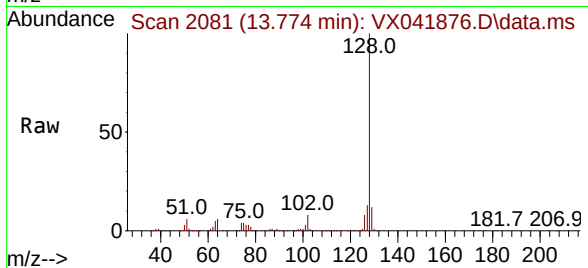
#91
Naphthalene
Concen: 164.311 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:128 Resp: 1652215
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.3 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#92
1,2,3-Trichlorobenzene
Concen: 163.907 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX041876.D
Acq: 14 Jun 2024 14:29

Tgt Ion:180 Resp: 564908
Ion Ratio Lower Upper
180 100
182 95.2 0.0 187.8
145 29.7 0.0 58.4

