

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061424\
 Data File : VX041872.D
 Acq On : 14 Jun 2024 12:56
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Jun 15 03:38:11 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	4.897	128	31237	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	175777	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	163223	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	64059	29.790	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.300%		
60) 4-Bromofluorobenzene	11.079	95	72490	28.691	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	95.633%		
63) Toluene-d8	8.647	98	210991	30.214	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	9091	4.496	ug/l	99
3) Chloromethane	1.300	50	10829	4.791	ug/l	98
4) Vinyl Chloride	1.373	62	10548	4.772	ug/l	97
5) Bromomethane	1.599	94	5997	5.075	ug/l	94
6) Chloroethane	1.666	64	4737	5.016	ug/l	97
7) Trichlorofluoromethane	1.867	101	14669	5.269	ug/l	89
8) Diethyl Ether	2.136	74	5953	4.941	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.312	101	9429	4.982	ug/l	99
10) 1,1-Dichloroethene	2.306	96	9235	4.838	ug/l	94
11) Methyl Iodide	2.440	142	10617	4.273	ug/l	96
12) Methyl Acetate	2.709	43	12318	5.061	ug/l	99
13) Acrolein	2.239	56	12071	24.597	ug/l	95
14) Acrylonitrile	3.074	53	26873	23.263	ug/l	99
15) Acetone	2.392	58	8604	26.036	ug/l	100
16) Carbon Disulfide	2.501	76	16871	4.033	ug/l	98
17) Allyl chloride	2.654	41	13330	4.598	ug/l	92
18) Methylene Chloride	2.782	84	11623	5.308	ug/l	90
19) trans-1,2-Dichloroethene	3.087	96	9043	4.729	ug/l	94
20) Diisopropyl ether	3.763	45	28562	4.793	ug/l #	79
21) 1,1-Dichloroethane	3.605	63	16462	4.836	ug/l	97
22) cis-1,2-Dichloroethene	4.489	96	10866	4.694	ug/l	97
23) tert-Butyl Alcohol	3.001	59	8157m	18.001	ug/l	
24) Methyl tert-Butyl Ether	3.117	73	27778	4.704	ug/l	98
25) Chloroform	5.098	83	16903	4.886	ug/l	94
26) Cyclohexane	5.464	56	13835	4.679	ug/l #	97
29) 1,1-Dichloropropene	5.690	75	11108	4.842	ug/l	97
30) 2-Butanone	4.574	43	35936	23.443	ug/l #	98
31) 2,2-Dichloropropane	4.470	77	12041	4.790	ug/l #	74
32) 1,1,1-Trichloroethane	5.373	97	13872m	4.772	ug/l	
33) Carbon Tetrachloride	5.678	117	11165	4.451	ug/l	97
34) Benzene	6.031	78	38137	4.990	ug/l	96
35) Methacrylonitrile	4.928	41	6871	4.463	ug/l	93
36) 1,2-Dichloroethane	6.086	62	11912	5.003	ug/l	98
37) Trichloroethene	7.122	130	10320	4.944	ug/l	99
38) Methylcyclohexane	7.372	83	14410	4.742	ug/l	99
39) 1,2-Dichloropropane	7.433	63	8738	4.800	ug/l	97
40) Dibromomethane	7.586	93	6712	4.984	ug/l	99
41) Bromodichloromethane	7.824	83	10728	4.447	ug/l	94
42) Vinyl Acetate	3.727	43	117104	22.823	ug/l	98

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 ALS Vial : 7 Sample Multiplier: 1

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 ClientSampleId :
 VSTDICC005

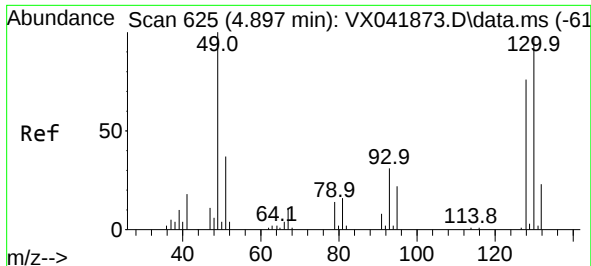
Manual Integrations
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Quant Time: Jun 15 03:38:11 2024
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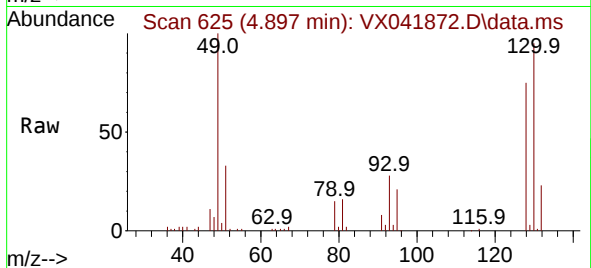
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.727	43	13861	4.823	ug/l	97
44) Isopropyl Acetate	6.354	43	19680	4.571	ug/l	99
45) 1,4-Dioxane	7.677	88	5067m	94.935	ug/l	
46) Methyl methacrylate	7.702	41	8865	4.212	ug/l	98
47) n-amyl Acetate	10.847	43	15762	4.080	ug/l	97
48) t-1,3-Dichloropropene	8.982	75	10016	4.032	ug/l	95
49) cis-1,3-Dichloropropene	8.366	75	11515	4.133	ug/l	96
50) 1,1,2-Trichloroethane	9.153	97	9695	4.951	ug/l	97
51) Ethyl methacrylate	9.122	69	13531	4.350	ug/l	96
52) 1,3-Dichloropropane	9.311	76	16097	5.028	ug/l	98
53) Dibromochloromethane	9.518	129	8843	4.127	ug/l	99
54) 1,2-Dibromoethane	9.610	107	9725	4.710	ug/l	98
55) 2-Chloroethyl vinyl ether	8.244	63	32305	22.311	ug/l	99
56) Bromoform	10.799	173	6780	3.880	ug/l	99
58) 4-Methyl-2-Pentanone	8.579	43	68855	23.542	ug/l	99
59) 2-Hexanone	9.433	43	51155	22.660	ug/l	99
61) Tetrachloroethene	9.274	164	10399	5.063	ug/l	98
62) Toluene	8.720	91	41381	5.010	ug/l	100
64) Chlorobenzene	10.079	112	27966	4.972	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.165	131	8789	4.525	ug/l	97
66) Ethyl Benzene	10.195	91	42985	4.760	ug/l	98
67) m/p-Xylenes	10.299	106	34078	9.382	ug/l	94
68) o-Xylene	10.640	106	17022	4.700	ug/l	98
69) Styrene	10.658	104	25771	4.259	ug/l	95
70) Isopropylbenzene	10.963	105	42685	4.688	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	15168	4.813	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	13098m	4.849	ug/l	
73) Bromobenzene	11.201	156	12772	4.809	ug/l	99
74) n-propylbenzene	11.305	91	45019	4.501	ug/l	99
75) 2-Chlorotoluene	11.366	91	30847	4.857	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	34628	4.539	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	3323	3.519	ug/l	93
78) 4-Chlorotoluene	11.457	91	32575	4.617	ug/l	99
79) tert-butylbenzene	11.713	119	36857	4.552	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	33838	4.440	ug/l	99
81) sec-Butylbenzene	11.890	105	42345	4.484	ug/l	99
82) p-Isopropyltoluene	12.006	119	35720	4.316	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	22133	4.674	ug/l	98
84) 1,4-Dichlorobenzene	12.042	146	21522	4.566	ug/l	99
85) n-Butylbenzene	12.335	91	25073	3.918	ug/l	99
86) Hexachloroethane	12.536	117	5358	3.964	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	22236	4.643	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	2604	3.995	ug/l	97
89) 1,2,4-Trichlorobenzene	13.591	180	13401	4.134	ug/l	99
90) Hexachlorobutadiene	13.725	225	7619	4.769	ug/l	99
91) Naphthalene	13.780	128	38727	3.954	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	14452	4.304	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

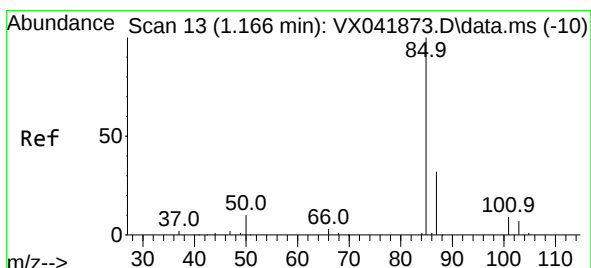
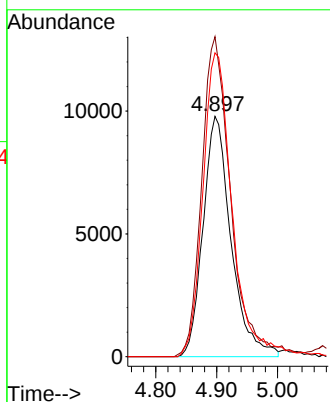
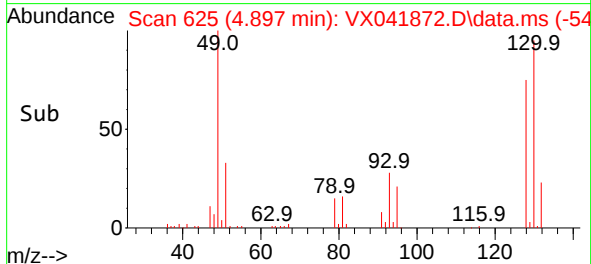
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:128 Resp: 3123
Ion Ratio Lower Upper
128 100
49 137.0 0.0 338.5
130 129.3 0.0 324.5

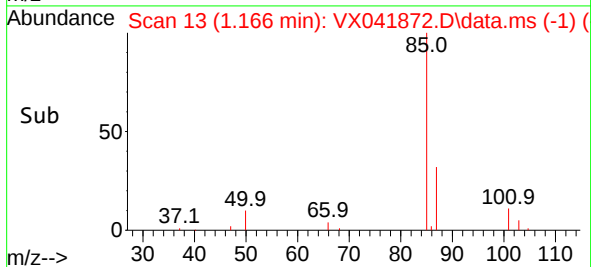
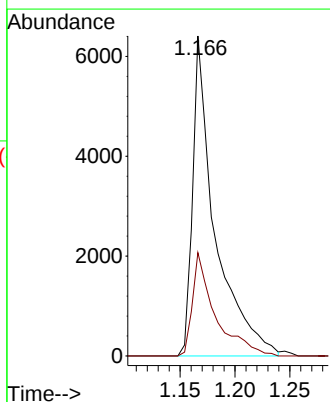
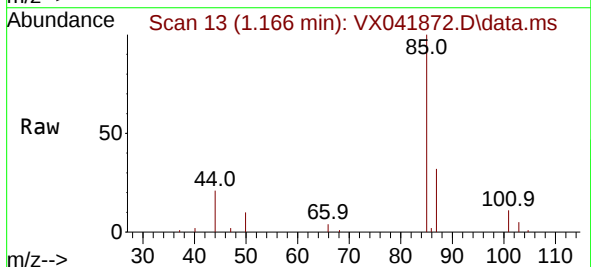
Manual Integrations
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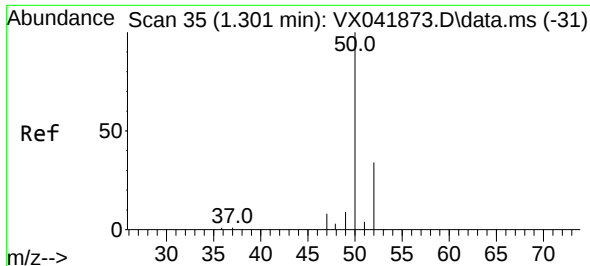
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#2
Dichlorodifluoromethane
Concen: 4.496 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

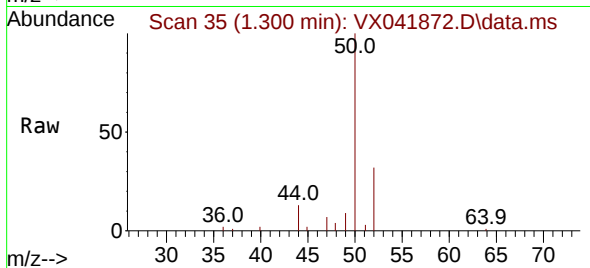
Tgt Ion: 85 Resp: 9091
Ion Ratio Lower Upper
85 100
87 32.3 15.8 47.3





#3
Chloromethane
Concen: 4.791 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

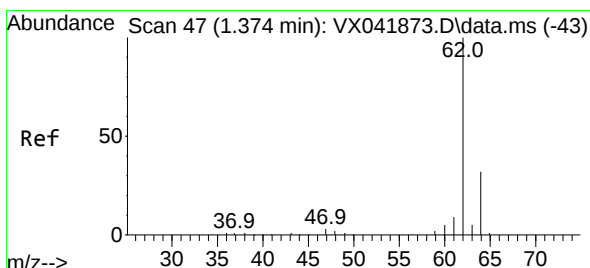
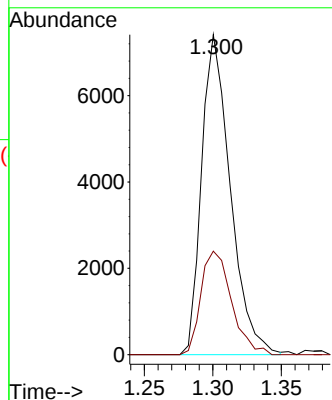
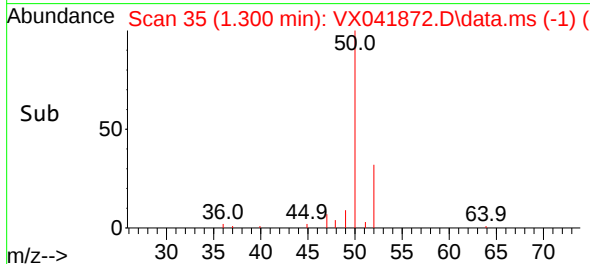
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 50 Resp: 10829
Ion Ratio Lower Upper
50 100
52 32.3 26.9 40.3

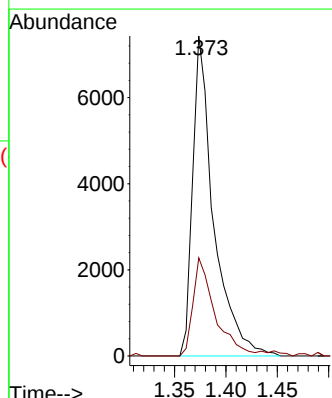
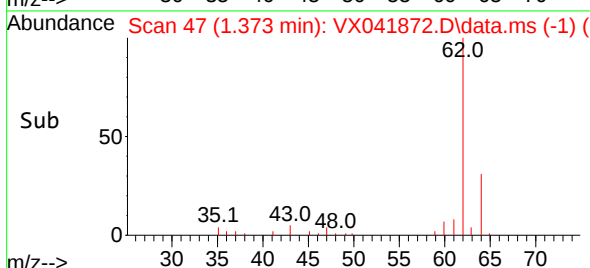
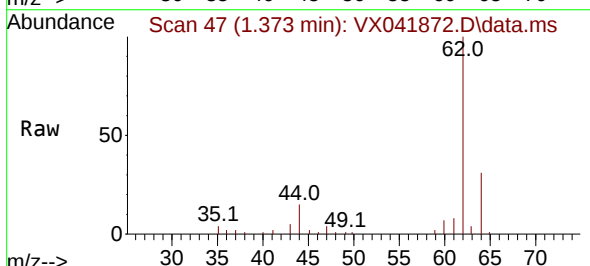
Manual Integrations
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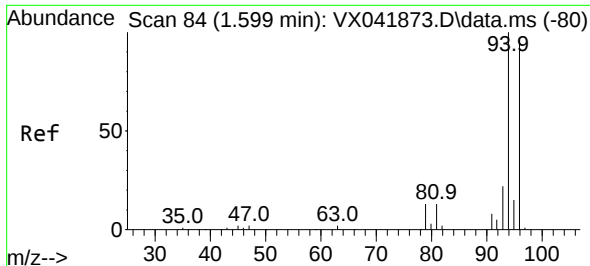
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#4
Vinyl Chloride
Concen: 4.772 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

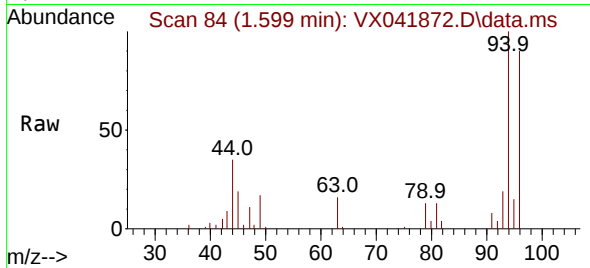
Tgt Ion: 62 Resp: 10548
Ion Ratio Lower Upper
62 100
64 30.6 26.1 39.1





#5
Bromomethane
Concen: 5.075 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

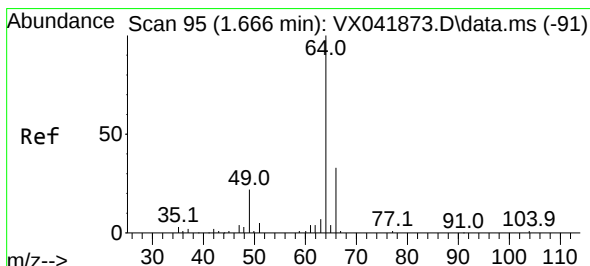
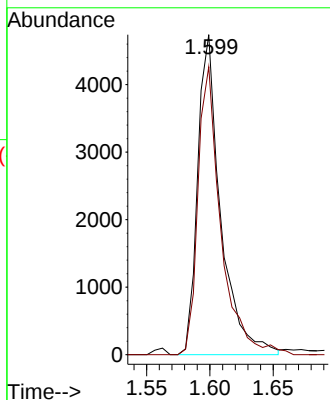
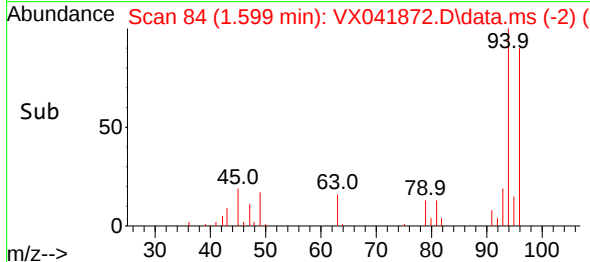
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 599
Ion Ratio Lower Upper
94 100
96 90.0 76.6 115.0

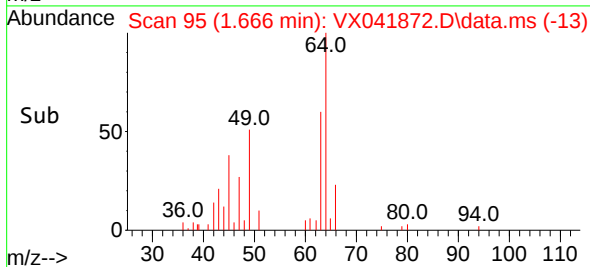
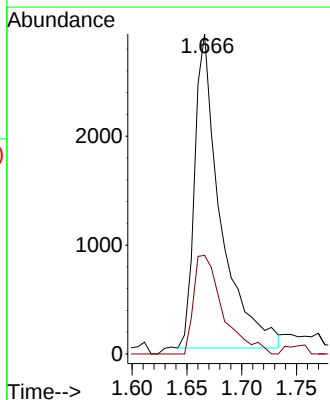
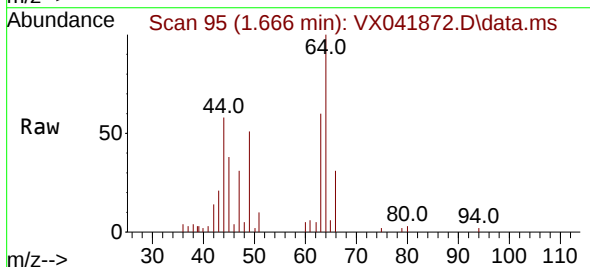
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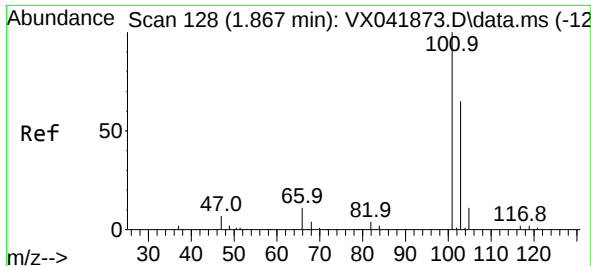
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#6
Chloroethane
Concen: 5.016 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX041872.D
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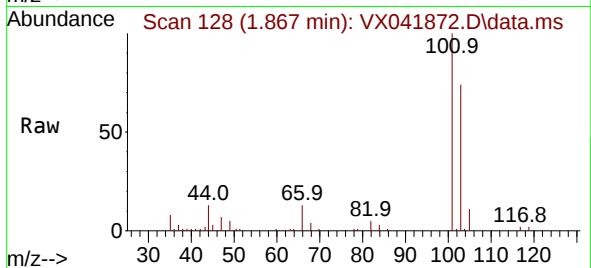
Tgt Ion: 64 Resp: 4737
Ion Ratio Lower Upper
64 100
66 31.4 26.4 39.6





#7
Trichlorofluoromethane
Concen: 5.269 ug/l
RT: 1.867 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

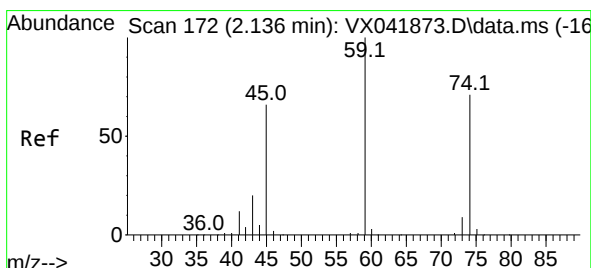
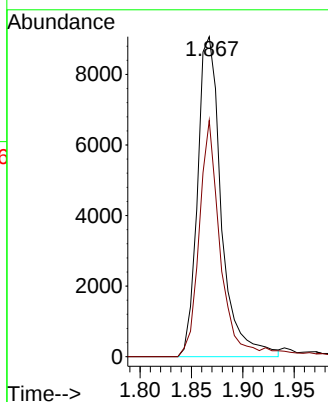
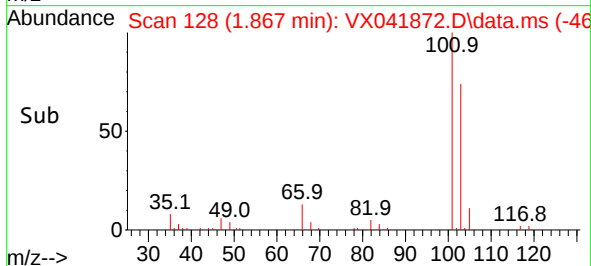
Instrument :
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Tgt Ion:101 Resp: 14669
Ion Ratio Lower Upper
101 100
103 73.8 51.8 77.8

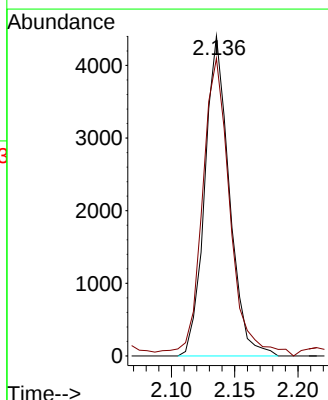
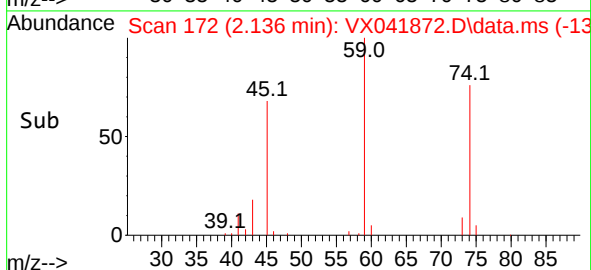
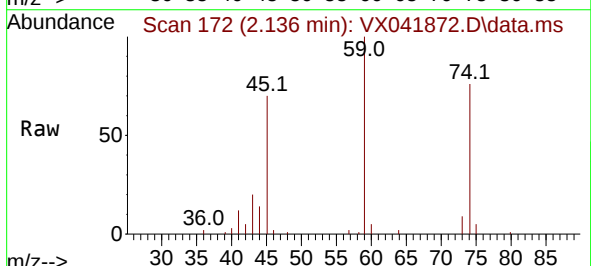
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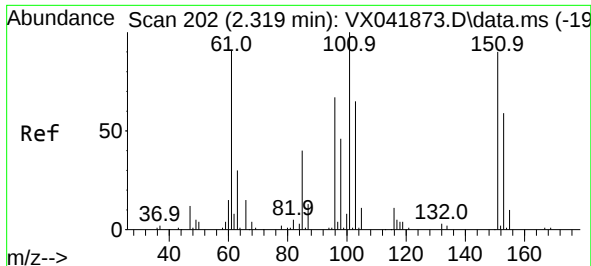
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#8
Diethyl Ether
Concen: 4.941 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Tgt Ion: 74 Resp: 5953
Ion Ratio Lower Upper
74 100
45 104.6 18.7 168.7





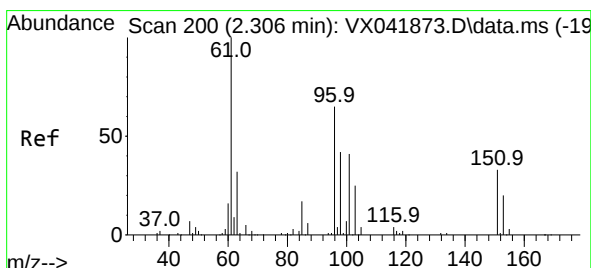
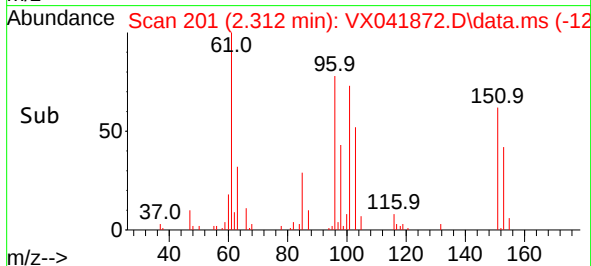
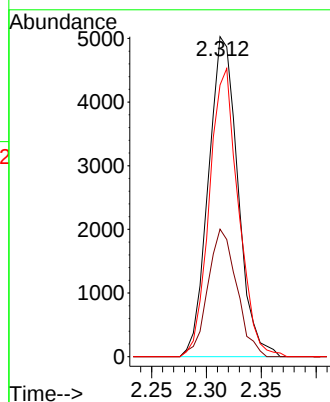
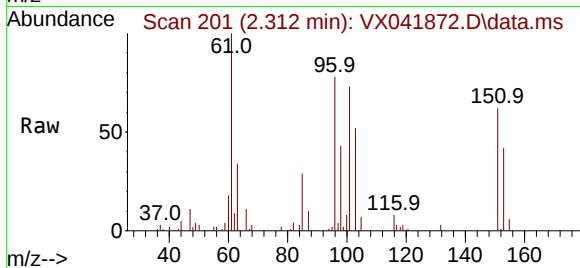
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.982 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 9429
Ion Ratio Lower Upper
101 100
85 38.9 0.0 80.4
151 88.4 0.0 175.2

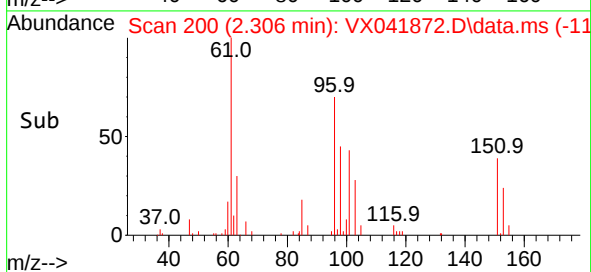
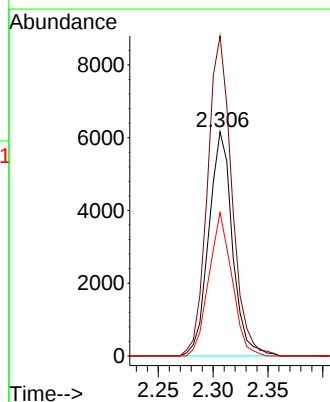
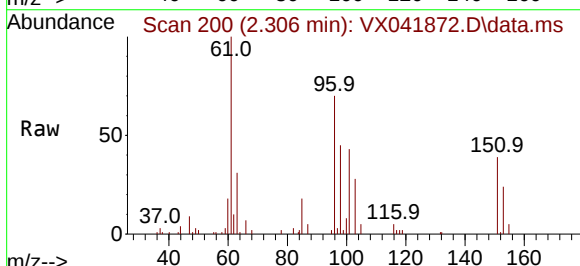
Manual Integrations
APPROVED

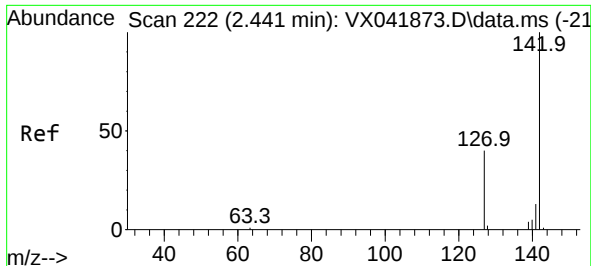
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#10
1,1-Dichloroethene
Concen: 4.838 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Tgt Ion: 96 Resp: 9235
Ion Ratio Lower Upper
96 100
61 142.8 122.3 183.5
98 64.0 51.5 77.3





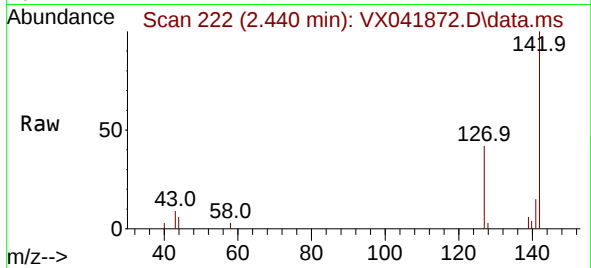
#11
Methyl Iodide
Concen: 4.273 ug/l
RT: 2.440 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005



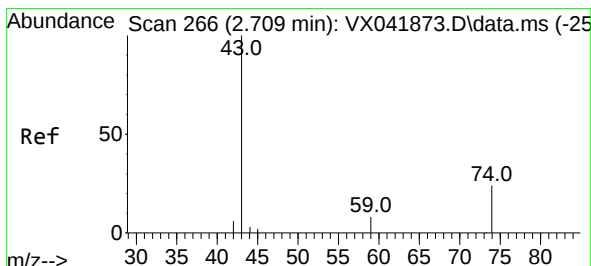
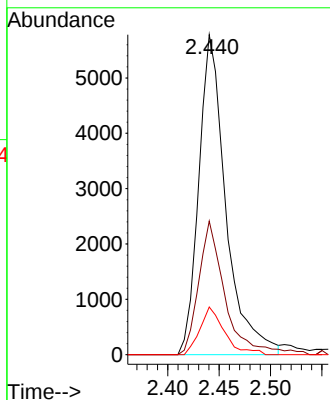
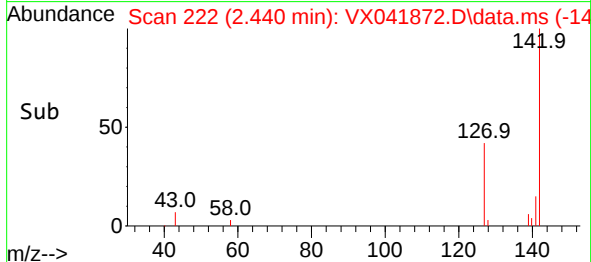
Tgt Ion:142 Resp: 1061
Ion Ratio Lower Upper
142 100
127 41.5 19.8 59.3
141 15.1 6.7 20.1

Manual Integrations

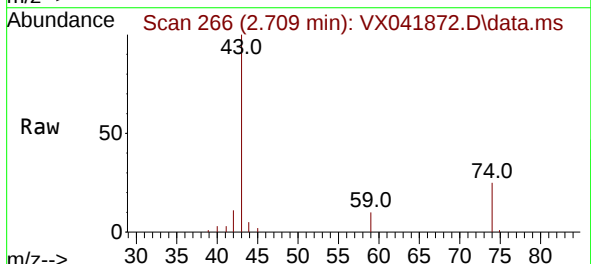
APPROVED

Reviewed By :John Carlone 06/17/2024

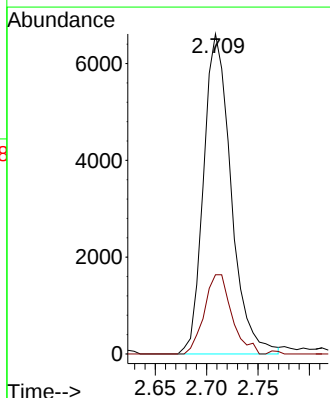
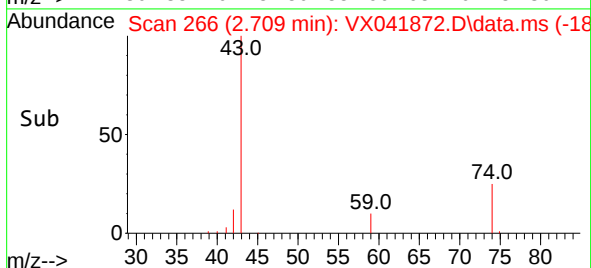
Supervised By :Mahesh Dadoda 06/17/2024

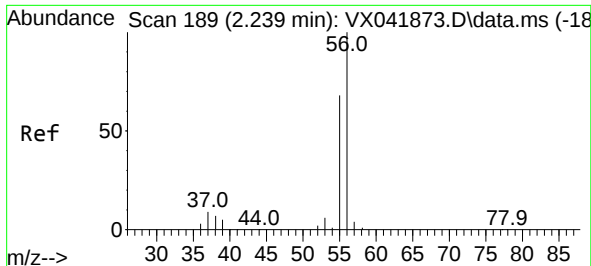


#12
Methyl Acetate
Concen: 5.061 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56



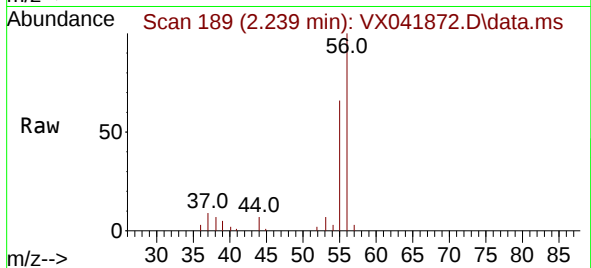
Tgt Ion: 43 Resp: 12318
Ion Ratio Lower Upper
43 100
74 24.6 19.4 29.2





#13
Acrolein
Concen: 24.597 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

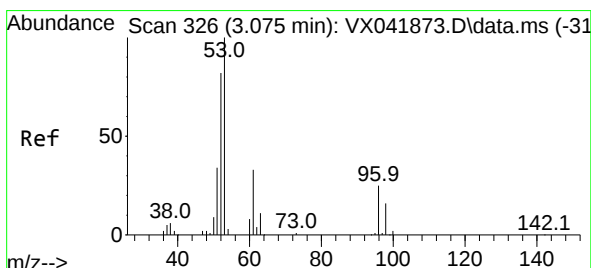
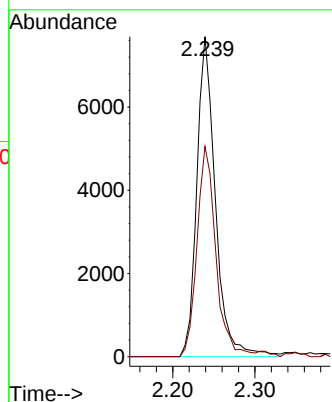
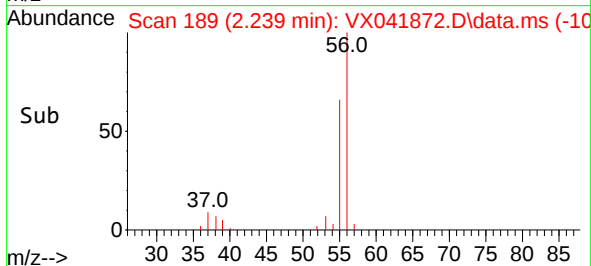
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 12073
Ion Ratio Lower Upper
56 100
55 65.1 55.4 83.0

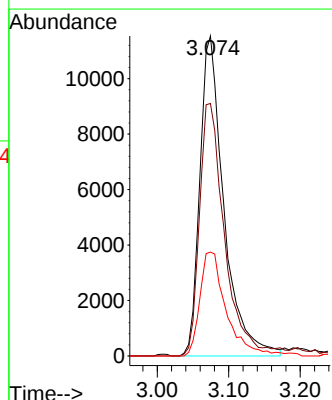
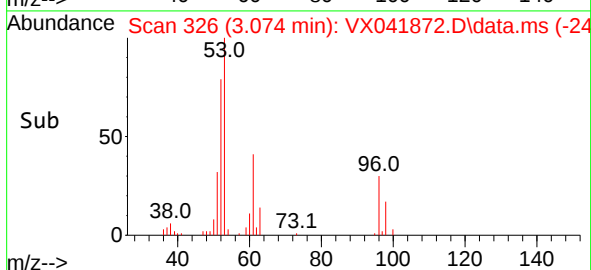
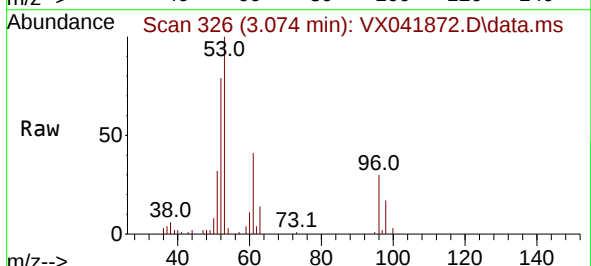
Manual Integrations
APPROVED

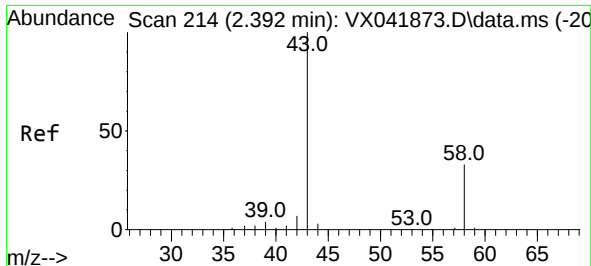
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#14
Acrylonitrile
Concen: 23.263 ug/l
RT: 3.074 min Scan# 326
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

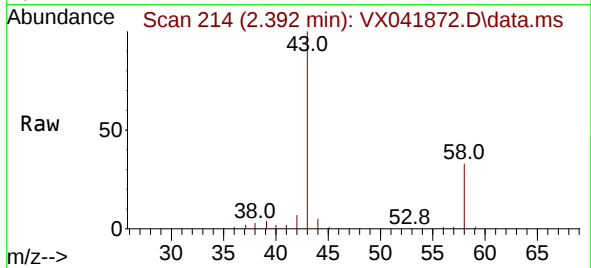
Tgt Ion: 53 Resp: 26873
Ion Ratio Lower Upper
53 100
52 81.1 39.9 119.7
51 35.2 17.4 52.3





#15
Acetone
Concen: 26.036 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

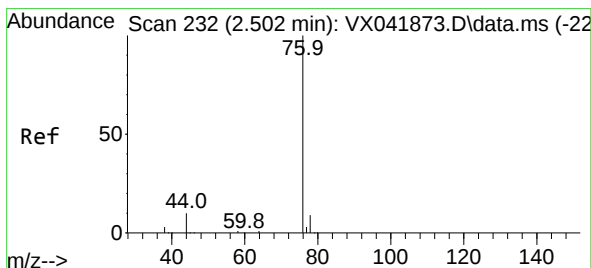
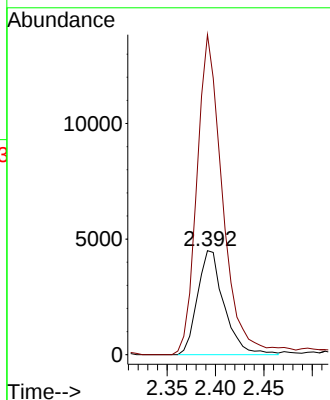
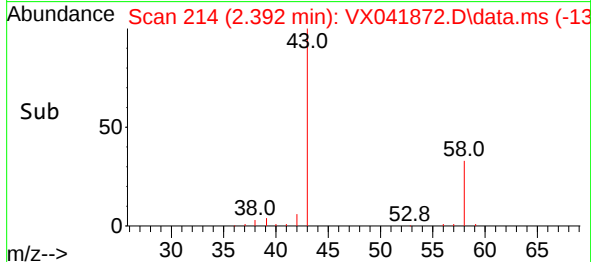
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 58 Resp: 8604
Ion Ratio Lower Upper
58 100
43 303.9 243.4 365.2

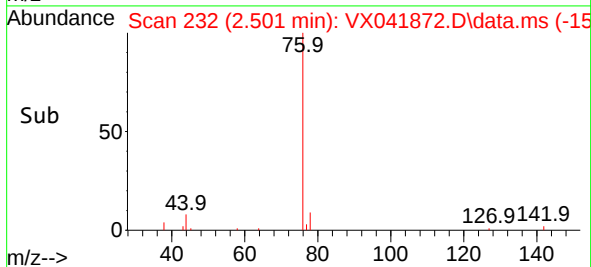
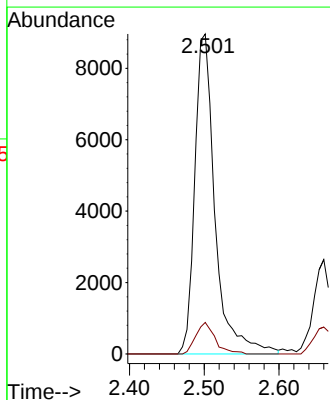
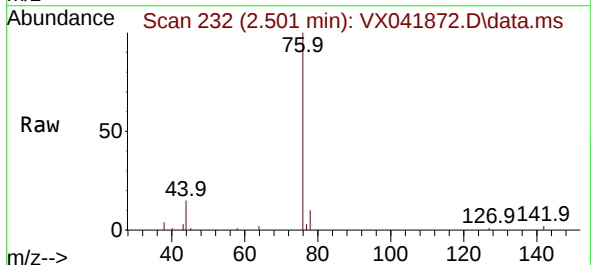
Manual Integrations
APPROVED

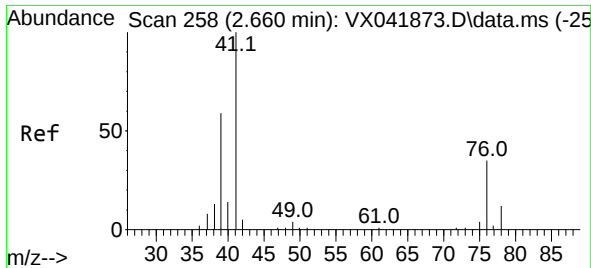
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#16
Carbon Disulfide
Concen: 4.033 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Tgt Ion: 76 Resp: 16871
Ion Ratio Lower Upper
76 100
78 9.9 7.3 10.9





#17
 Allyl chloride
 Concen: 4.598 ug/l
 RT: 2.654 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VX041872.D
 Acq: 14 Jun 2024 12:56

Instrument :

MSVOA_X

ClientSampleId :

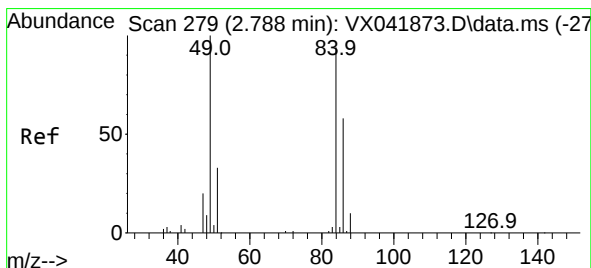
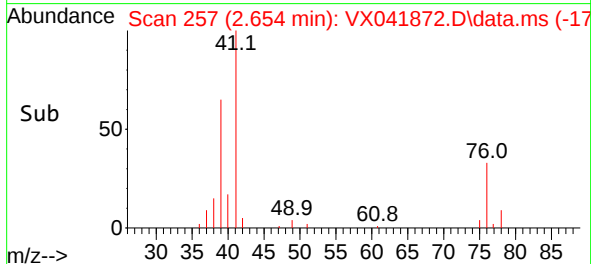
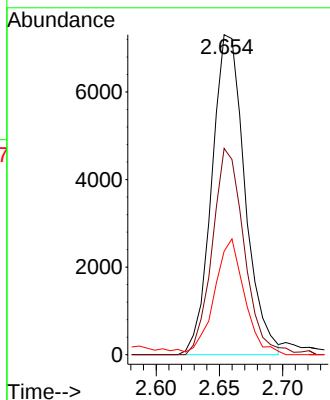
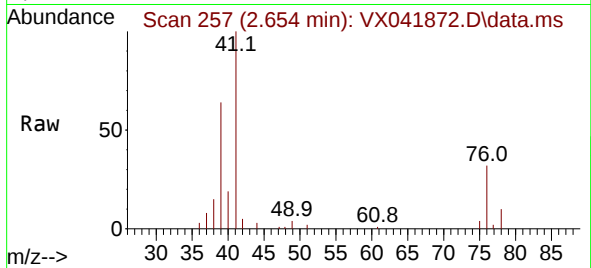
VSTDIC005

Tgt Ion: 41 Resp: 13330
 Ion Ratio Lower Upper
 41 100
 39 64.4 29.6 88.8
 76 31.2 18.1 54.4

Manual Integrations

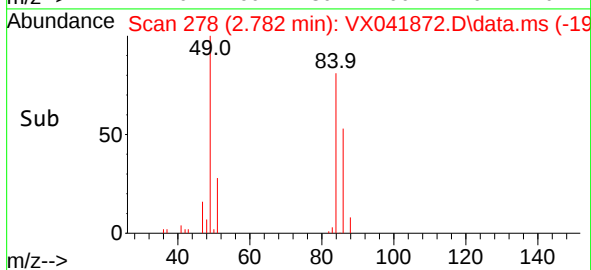
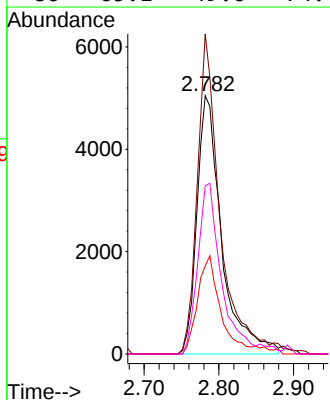
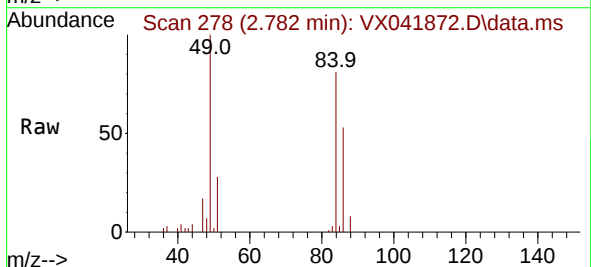
APPROVED

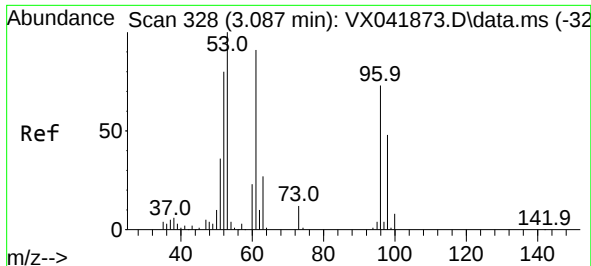
Reviewed By :John Carlone 06/17/2024
 Supervised By :Mahesh Dadoda 06/17/2024



#18
 Methylene Chloride
 Concen: 5.308 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.006 min
 Lab File: VX041872.D
 Acq: 14 Jun 2024 12:56

Tgt Ion: 84 Resp: 11623
 Ion Ratio Lower Upper
 84 100
 49 123.9 85.3 127.9
 51 34.1 28.5 42.7
 86 65.1 49.6 74.4





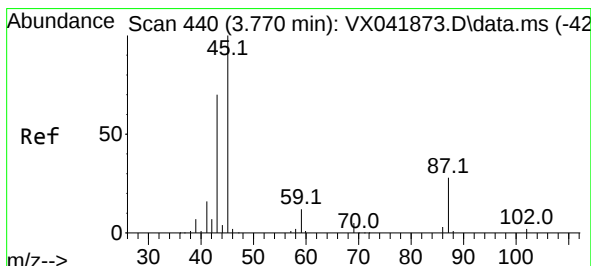
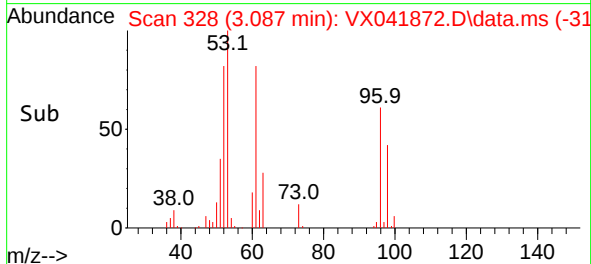
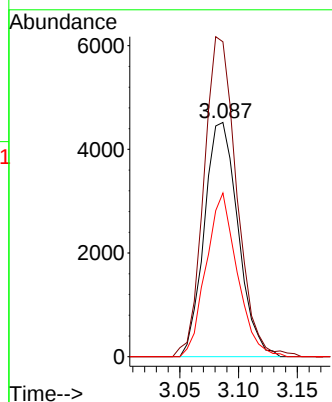
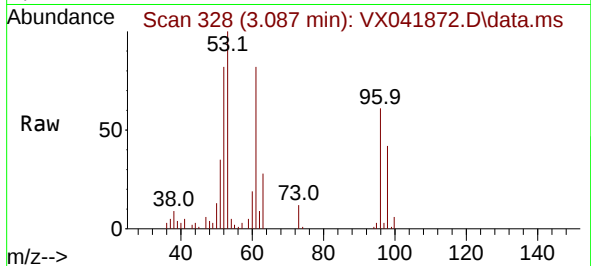
#19
trans-1,2-Dichloroethene
Concen: 4.729 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 904
Ion Ratio Lower Upper
96 100
61 132.0 100.1 150.1
98 69.9 52.1 78.1

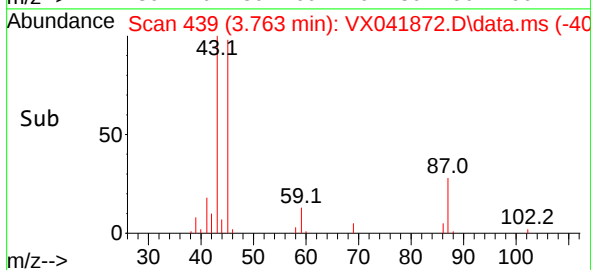
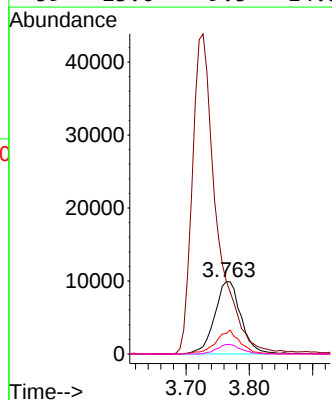
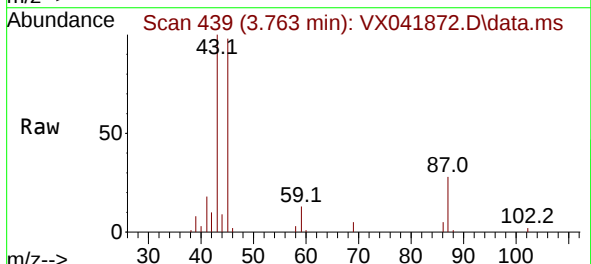
Manual Integrations
APPROVED

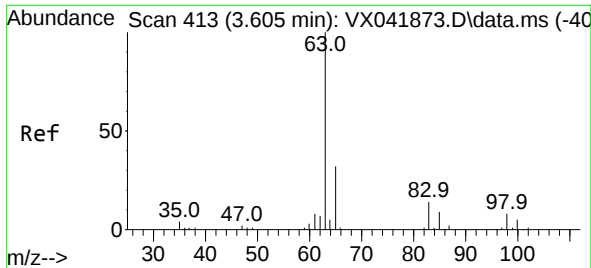
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#20
Diisopropyl ether
Concen: 4.793 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Tgt Ion: 45 Resp: 28562
Ion Ratio Lower Upper
45 100
43 97.0 55.8 83.8#
87 28.3 22.6 34.0
59 13.0 9.5 14.3





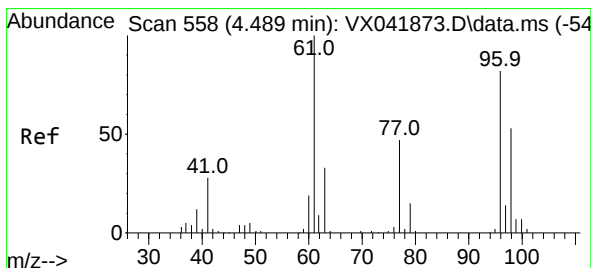
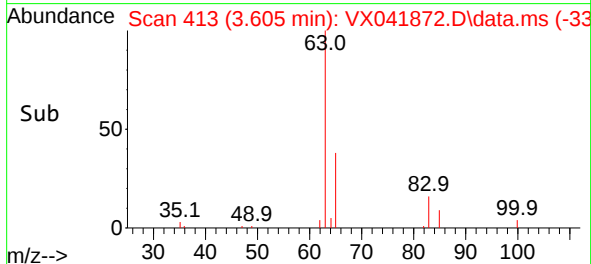
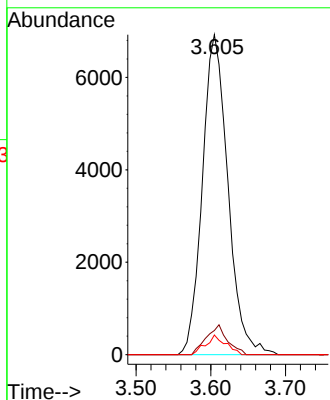
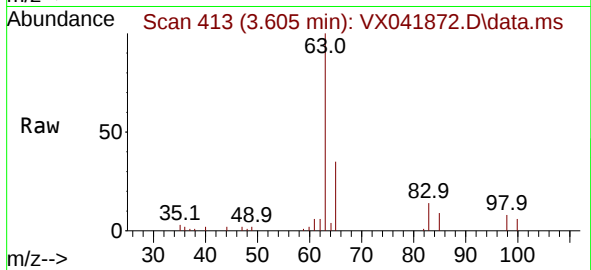
#21
1,1-Dichloroethane
Concen: 4.836 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 1646
Ion Ratio Lower Upper
63 100
98 7.5 4.2 12.4
100 6.1 2.5 7.4

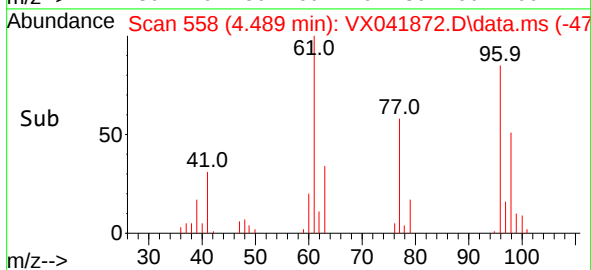
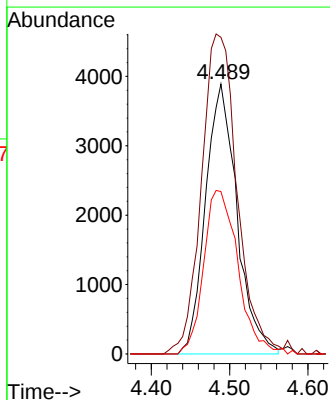
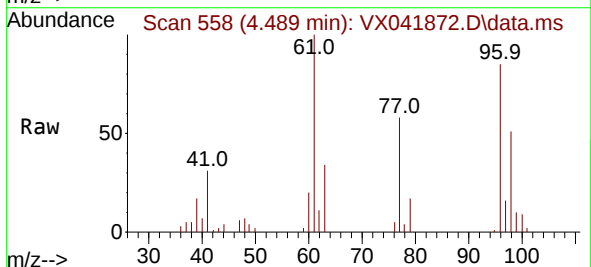
Manual Integrations
APPROVED

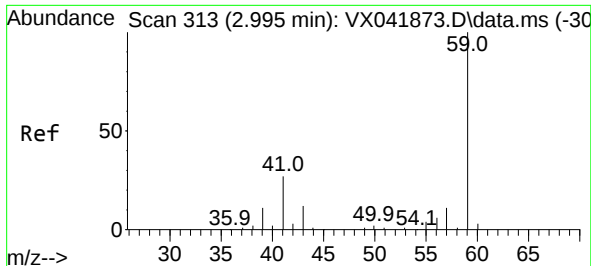
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#22
cis-1,2-Dichloroethene
Concen: 4.694 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

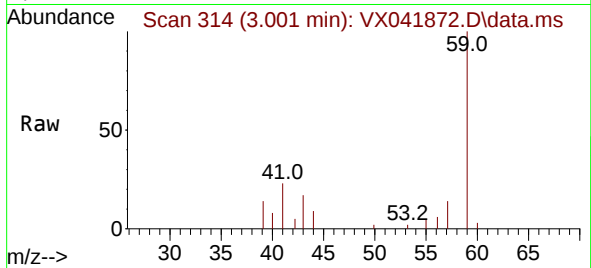
Tgt Ion: 96 Resp: 10866
Ion Ratio Lower Upper
96 100
61 134.4 103.3 154.9
98 65.4 52.2 78.2





#23
tert-Butyl Alcohol
Concen: 18.001 ug/l m
RT: 3.001 min Scan# 313
Delta R.T. 0.006 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

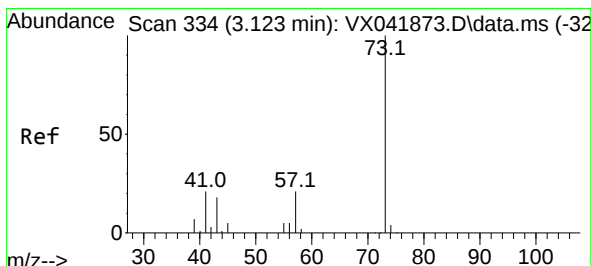
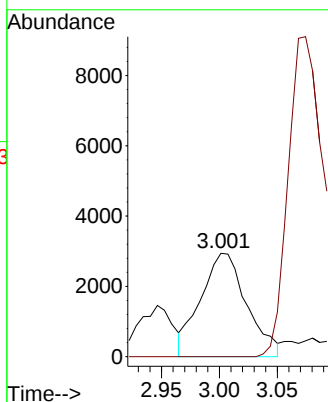
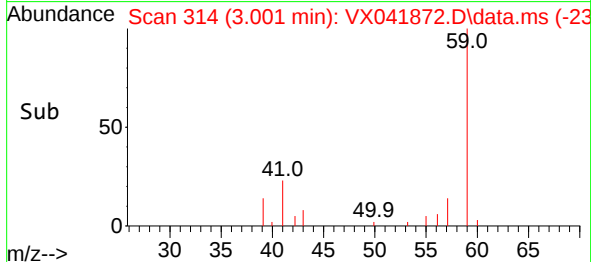
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 59 Resp: 815
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

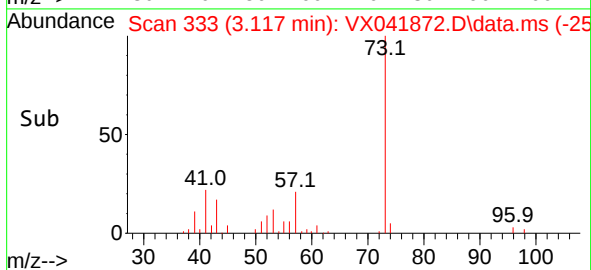
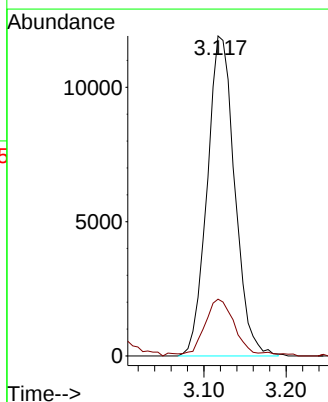
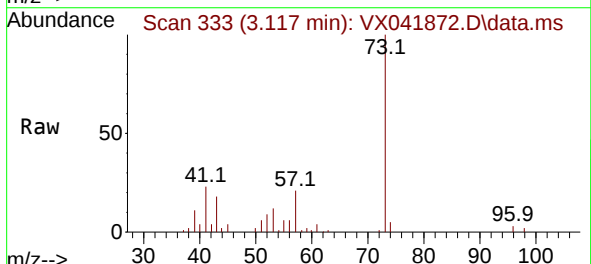
Manual Integrations
APPROVED

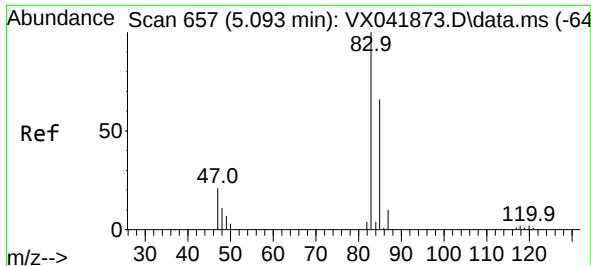
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#24
Methyl tert-Butyl Ether
Concen: 4.704 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Tgt Ion: 73 Resp: 27778
Ion Ratio Lower Upper
73 100
43 18.0 15.1 22.7





#25

Chloroform

Concen: 4.886 ug/l

RT: 5.098 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX041872.D

Acq: 14 Jun 2024 12:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 1690

Ion Ratio Lower Upper

83 100

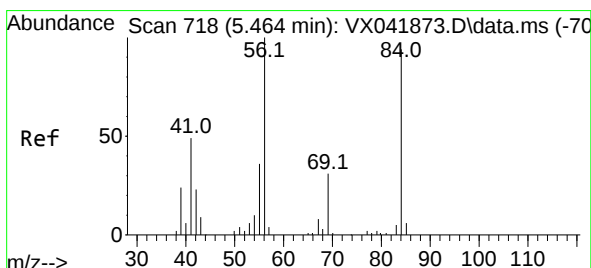
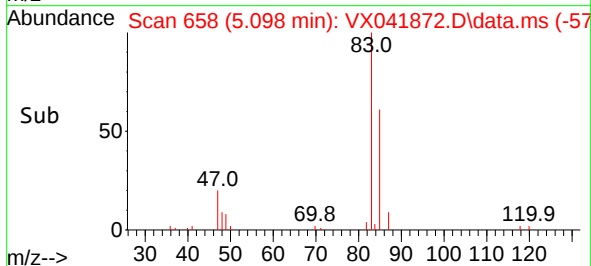
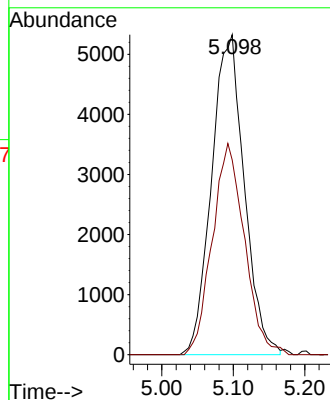
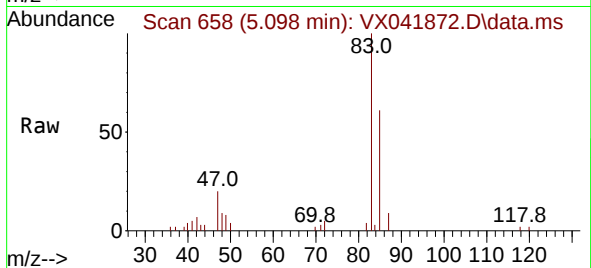
85 60.8 52.7 79.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#26

Cyclohexane

Concen: 4.679 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.000 min

Lab File: VX041872.D

Acq: 14 Jun 2024 12:56

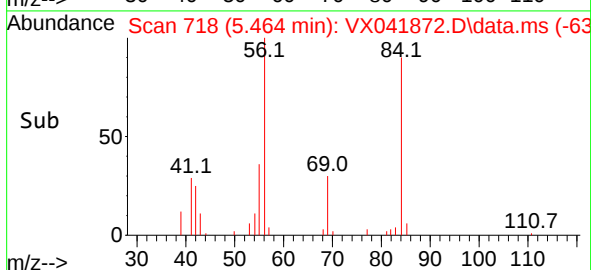
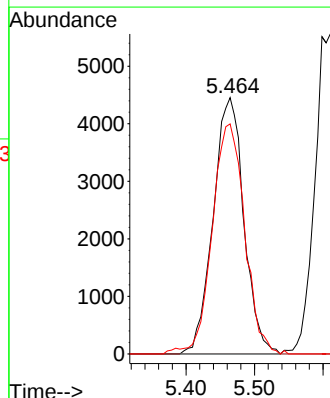
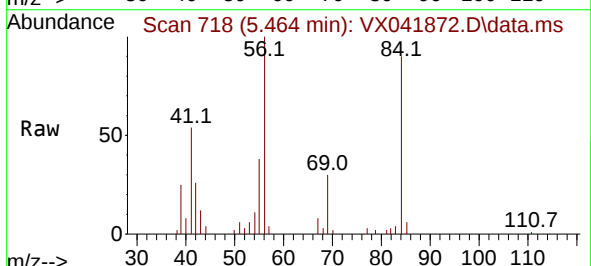
Tgt Ion: 56 Resp: 13835

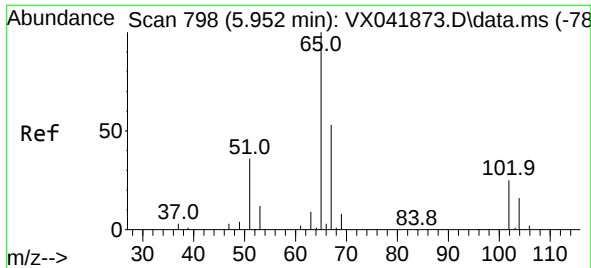
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 94.2 73.1 109.7





#27
1,2-Dichloroethane-d4
Concen: 29.790 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Instrument :

MSVOA_X

ClientSampleId :

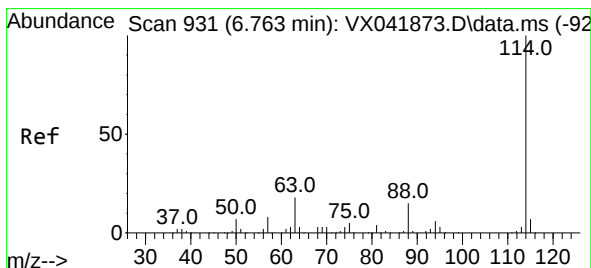
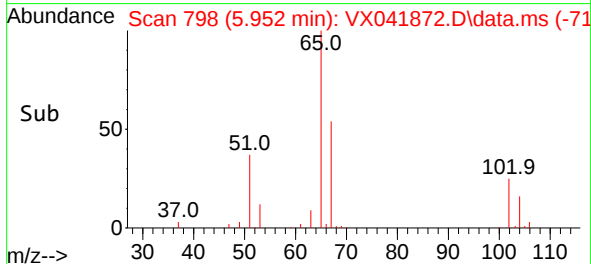
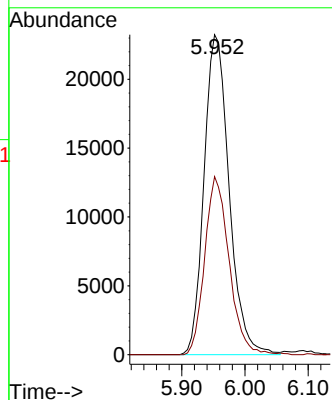
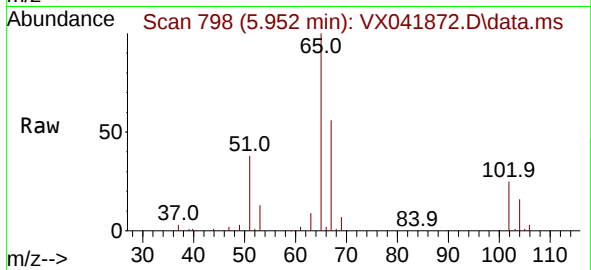
VSTDIC005

Tgt Ion: 65 Resp: 64059
Ion Ratio Lower Upper
65 100
67 54.0 43.4 65.0

Manual Integrations

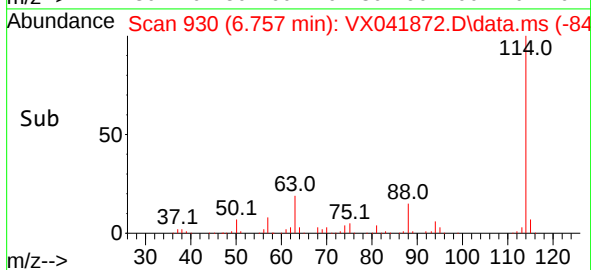
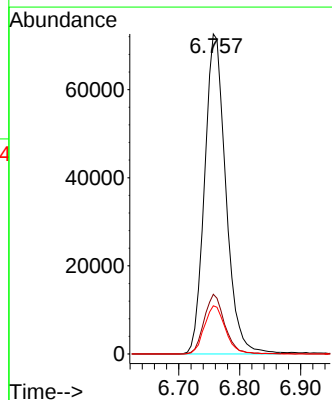
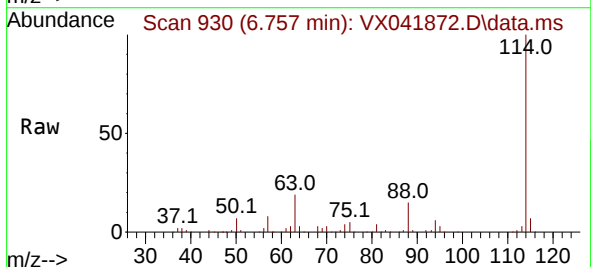
APPROVED

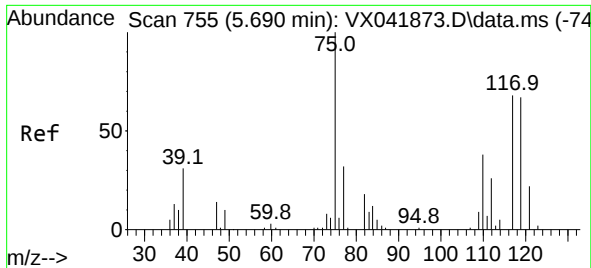
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Tgt Ion:114 Resp: 175777
Ion Ratio Lower Upper
114 100
63 18.0 14.6 21.8
88 15.0 11.8 17.8





#29
1,1-Dichloropropene
Concen: 4.842 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

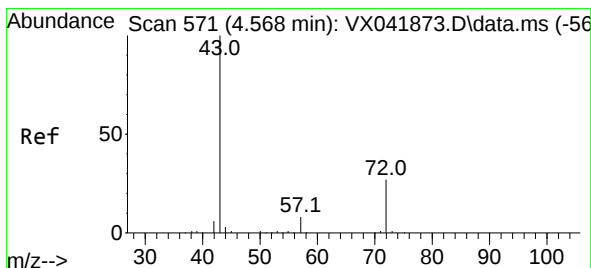
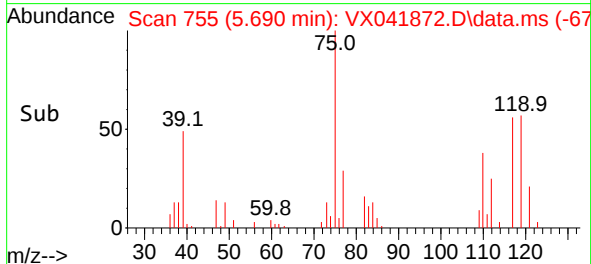
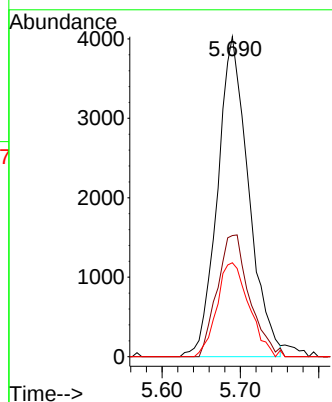
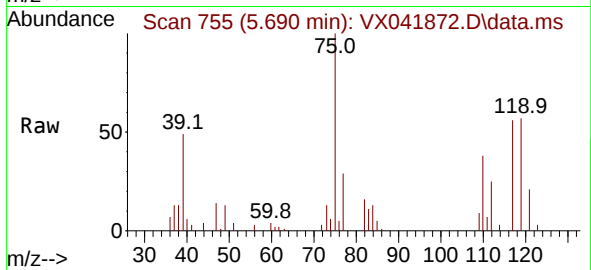
Tgt Ion: 75 Resp: 11108
Ion Ratio Lower Upper
75 100
110 39.4 0.0 80.2
77 30.2 0.0 65.2

Manual Integrations

APPROVED

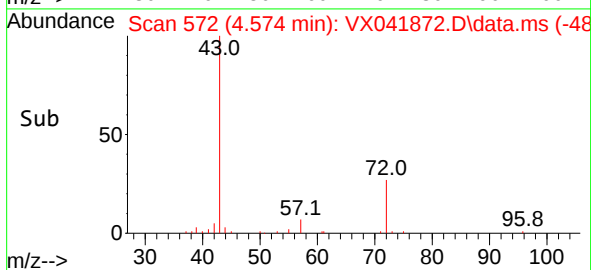
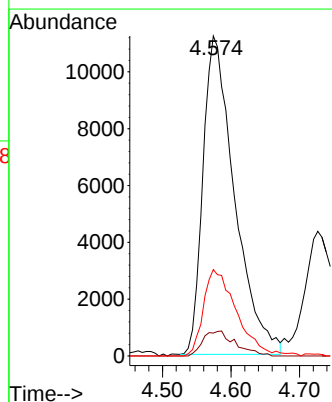
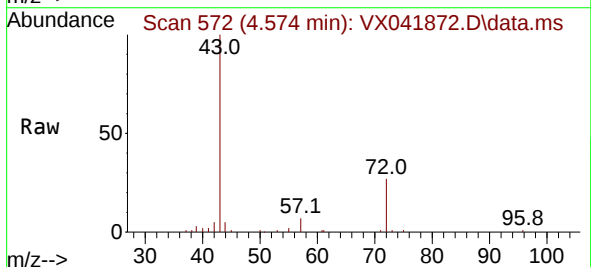
Reviewed By :John Carlone 06/17/2024

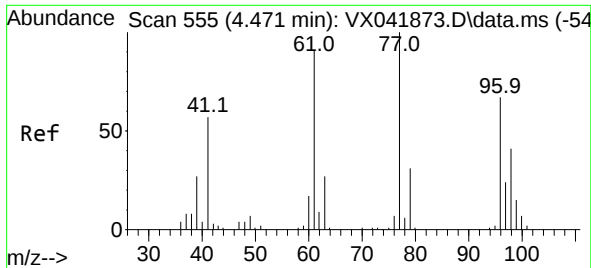
Supervised By :Mahesh Dadoda 06/17/2024



#30
2-Butanone
Concen: 23.443 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Tgt Ion: 43 Resp: 35936
Ion Ratio Lower Upper
43 100
57 6.0 6.5 9.7#
72 27.9 22.0 33.0





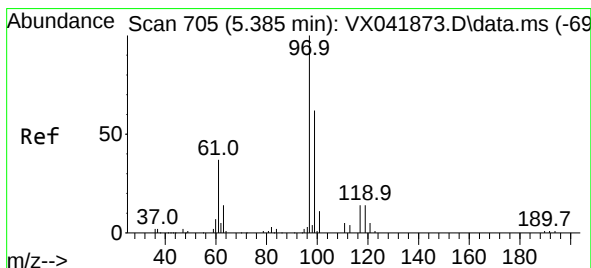
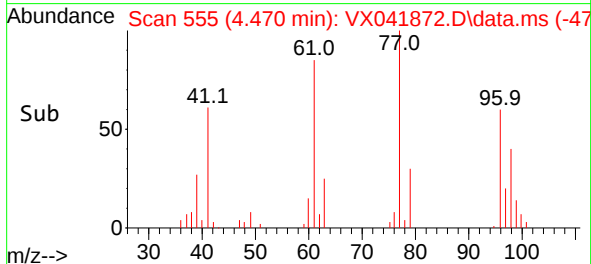
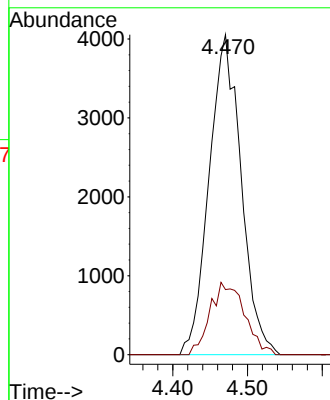
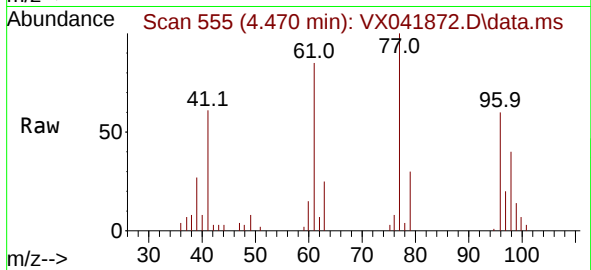
#31
2,2-Dichloropropane
Concen: 4.790 ug/l
RT: 4.470 min Scan# 511
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 77 Resp: 1204
Ion Ratio Lower Upper
77 100
97 12.0 20.2 30.2

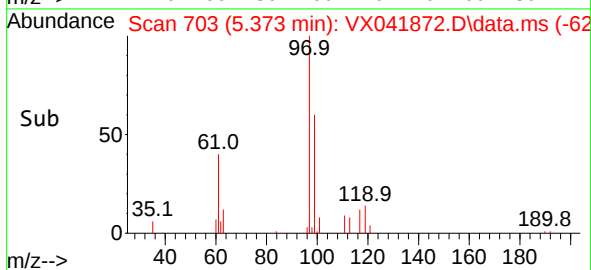
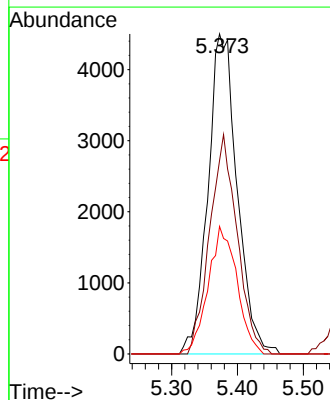
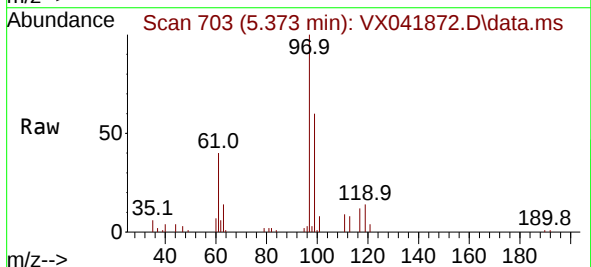
Manual Integrations
APPROVED

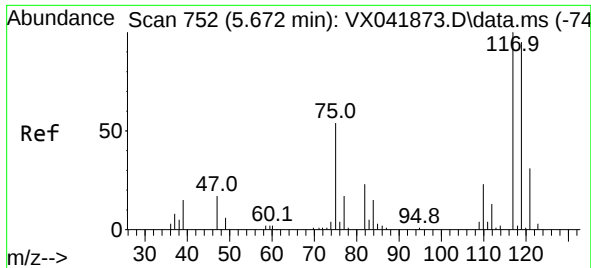
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#32
1,1,1-Trichloroethane
Concen: 4.772 ug/l m
RT: 5.373 min Scan# 703
Delta R.T. -0.012 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Tgt Ion: 97 Resp: 13872
Ion Ratio Lower Upper
97 100
99 64.6 52.0 78.0
61 39.2 31.7 47.5





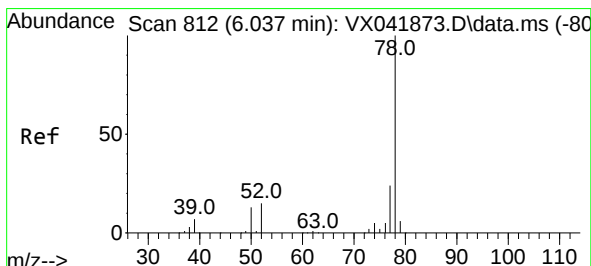
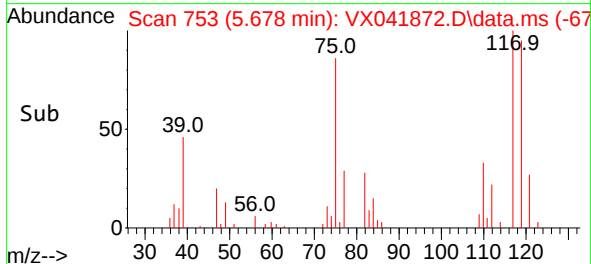
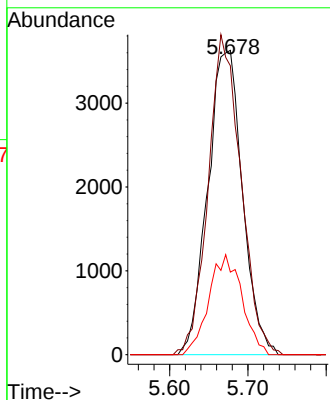
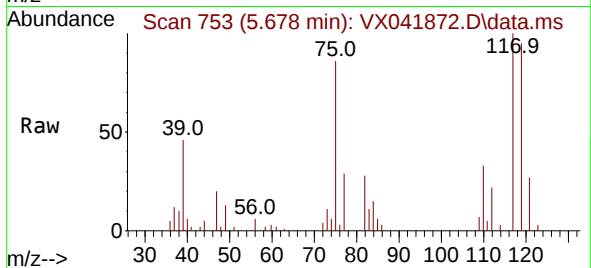
#33
Carbon Tetrachloride
Concen: 4.451 ug/l
RT: 5.678 min Scan# 711
Delta R.T. 0.006 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 1116
Ion Ratio Lower Upper
117 100
119 93.6 75.7 113.5
121 27.1 24.9 37.3

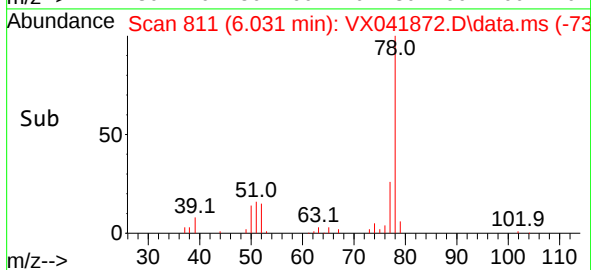
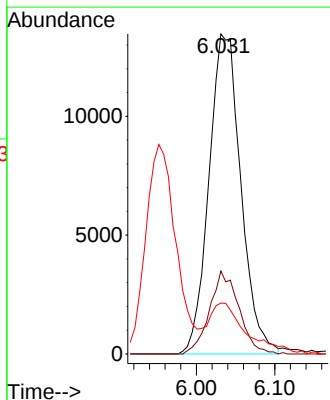
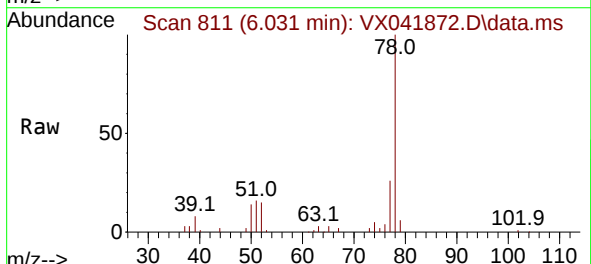
Manual Integrations
APPROVED

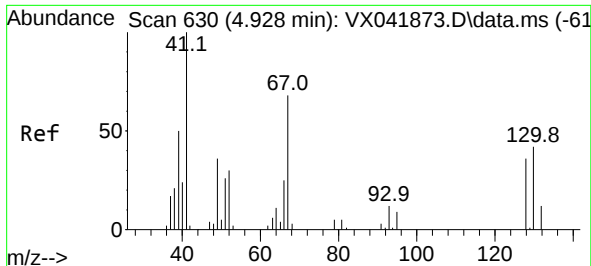
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#34
Benzene
Concen: 4.990 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Tgt Ion: 78 Resp: 38137
Ion Ratio Lower Upper
78 100
77 25.9 18.9 28.3
51 13.6 11.8 17.8





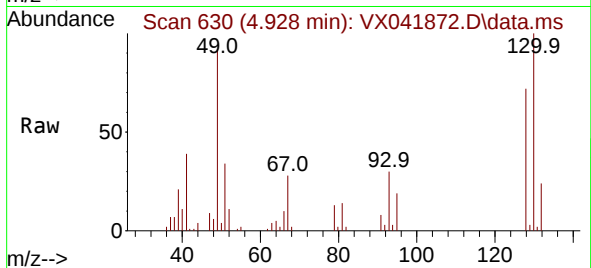
#35
Methacrylonitrile
Concen: 4.463 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



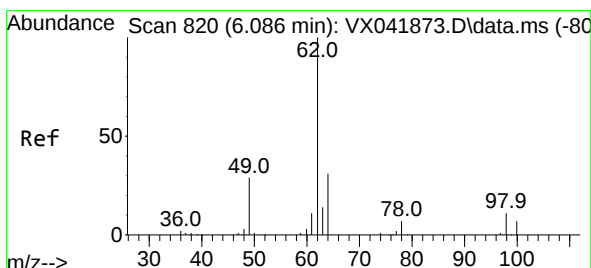
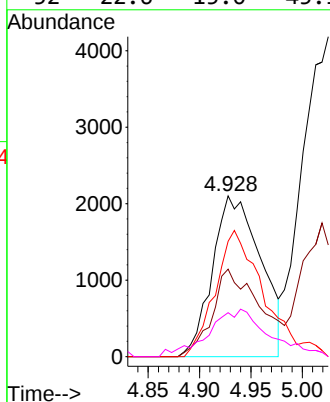
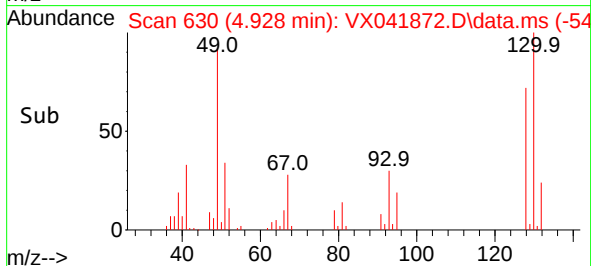
Tgt Ion: 41 Resp: 687
Ion Ratio Lower Upper
41 100
39 54.4 25.2 75.6
67 71.7 34.2 102.5
52 22.6 15.0 45.1

Manual Integrations

APPROVED

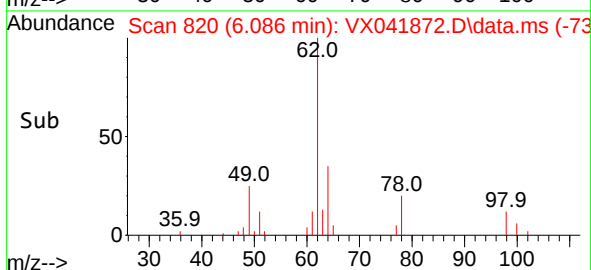
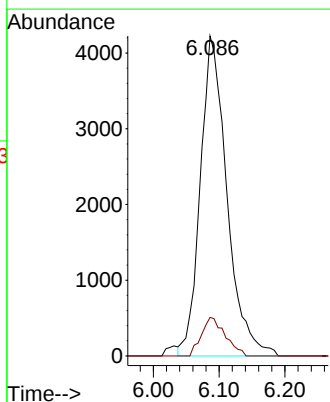
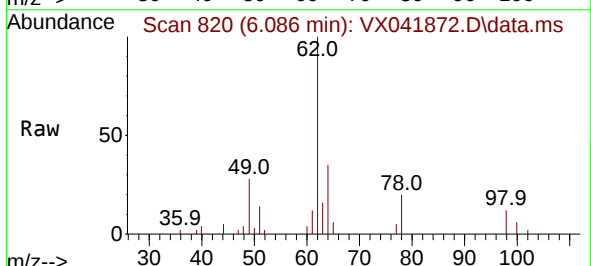
Reviewed By :John Carlone 06/17/2024

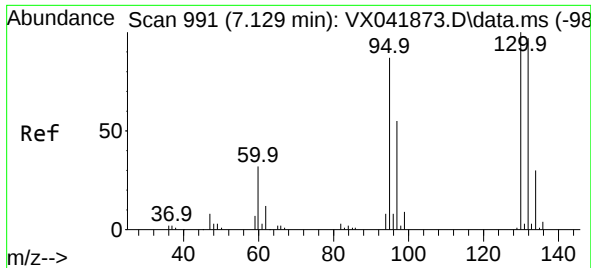
Supervised By :Mahesh Dadoda 06/17/2024



#36
1,2-Dichloroethane
Concen: 5.003 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Tgt Ion: 62 Resp: 11912
Ion Ratio Lower Upper
62 100
98 10.7 9.1 13.7





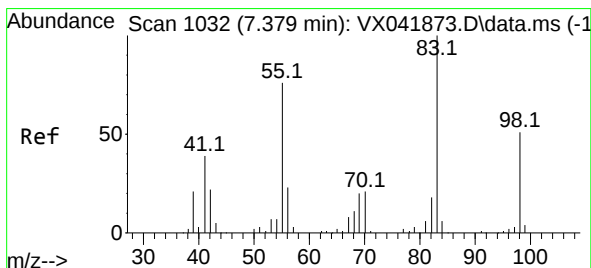
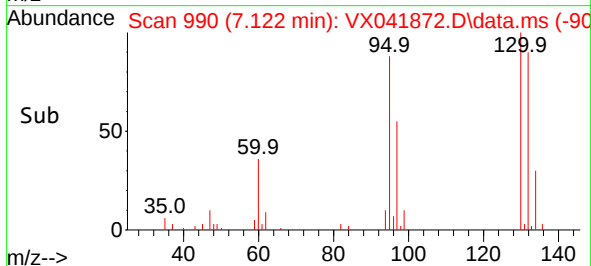
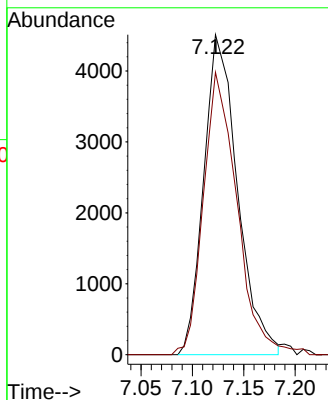
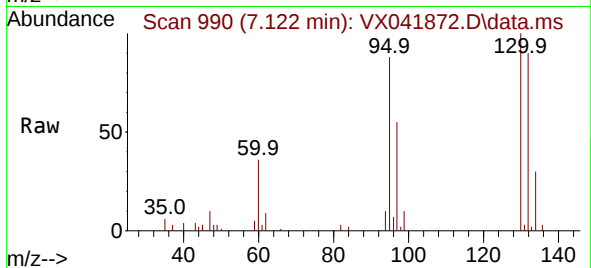
#37
Trichloroethene
Concen: 4.944 ug/l
RT: 7.122 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:130 Resp: 10320
Ion Ratio Lower Upper
130 100
95 86.2 69.4 104.0

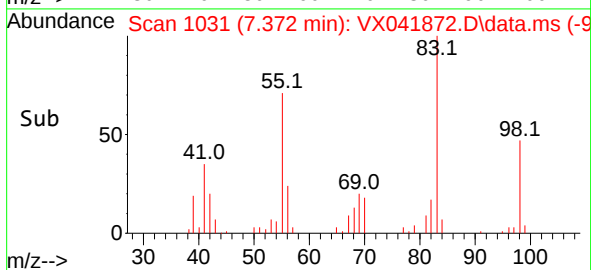
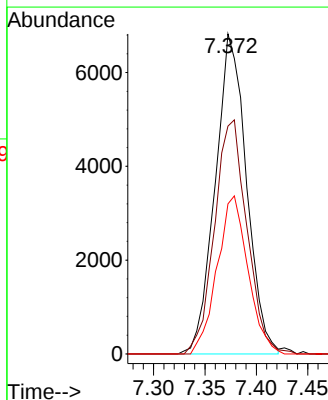
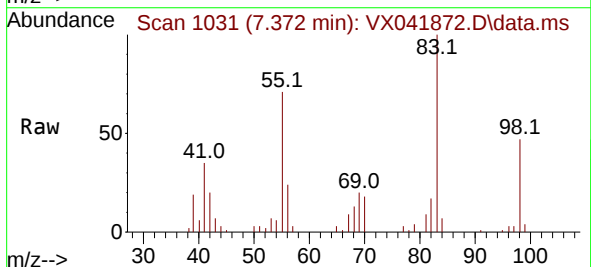
Manual Integrations
APPROVED

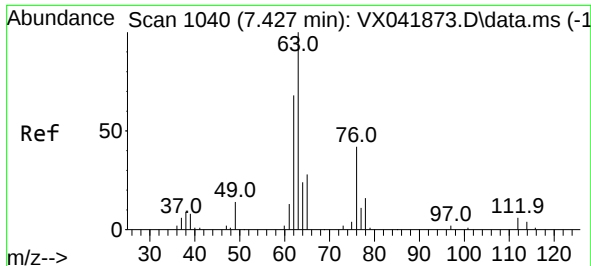
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#38
Methylcyclohexane
Concen: 4.742 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Tgt Ion: 83 Resp: 14410
Ion Ratio Lower Upper
83 100
55 76.1 37.3 111.9
98 48.9 24.8 74.4





#39

1,2-Dichloropropane

Concen: 4.800 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX041872.D

Acq: 14 Jun 2024 12:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 8738

Ion Ratio Lower Upper

63 100

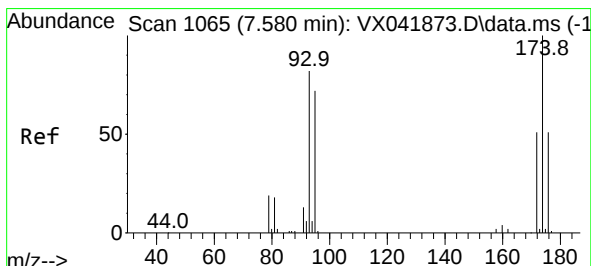
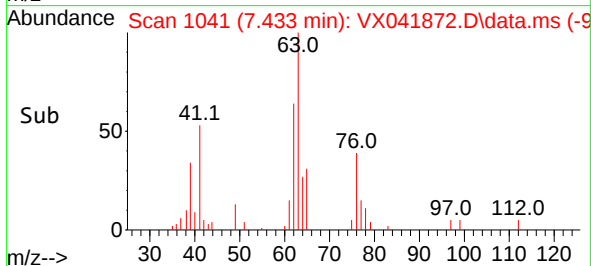
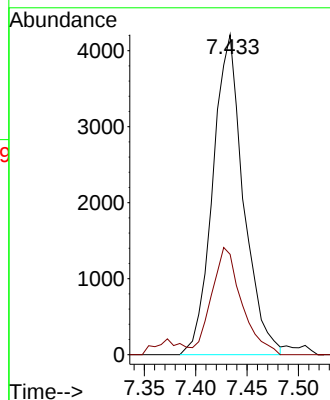
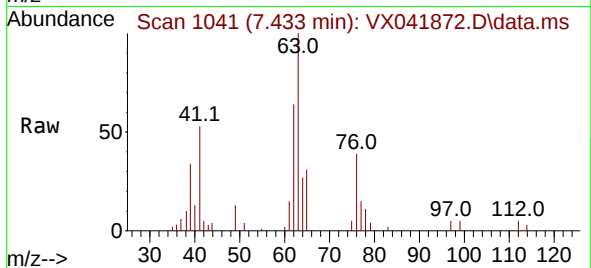
65 31.4 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#40

Dibromomethane

Concen: 4.984 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX041872.D

Acq: 14 Jun 2024 12:56

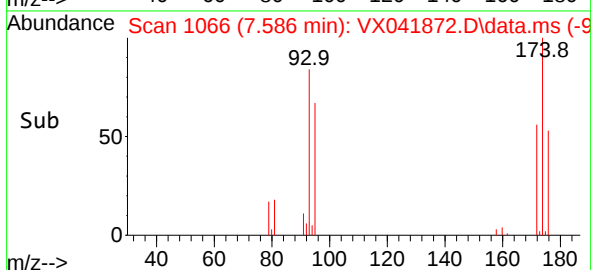
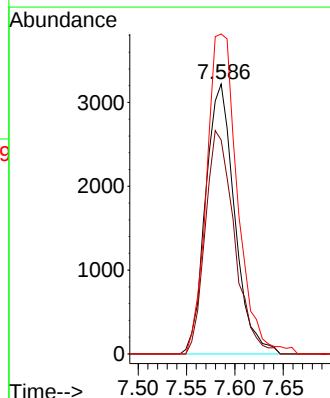
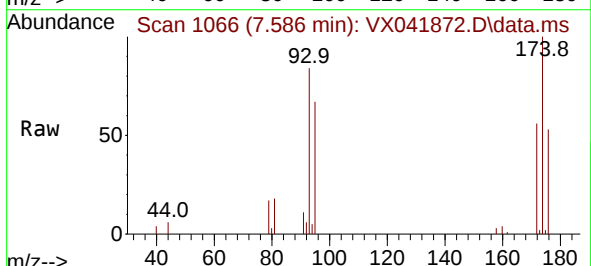
Tgt Ion: 93 Resp: 6712

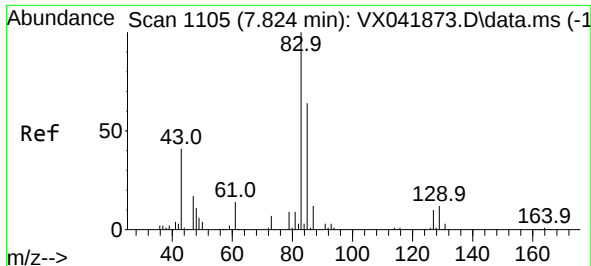
Ion Ratio Lower Upper

93 100

95 82.9 0.0 168.6

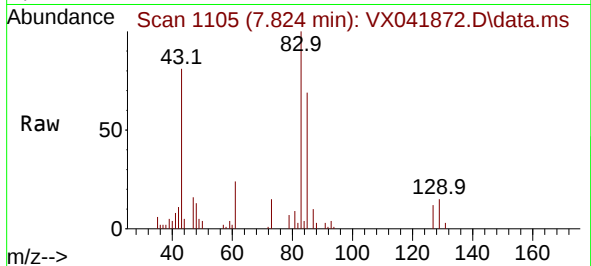
174 126.0 0.0 255.0





#41
Bromodichloromethane
Concen: 4.447 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

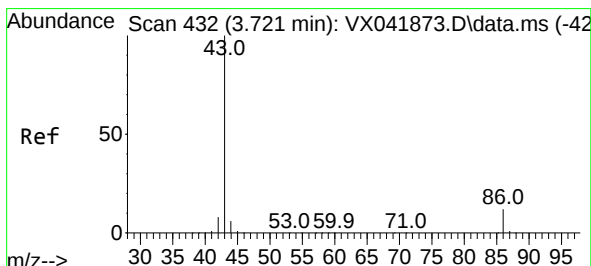
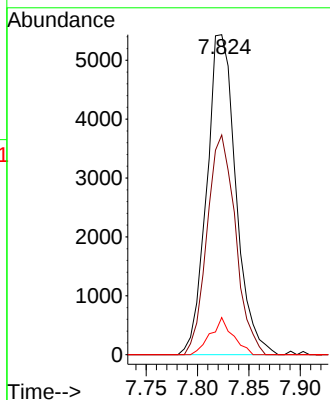
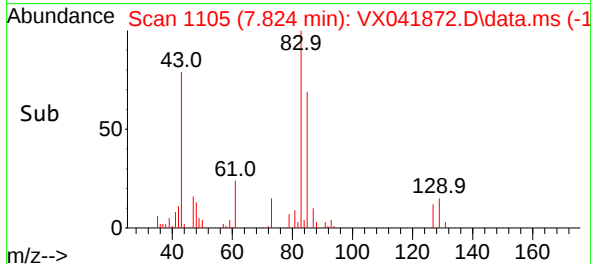
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



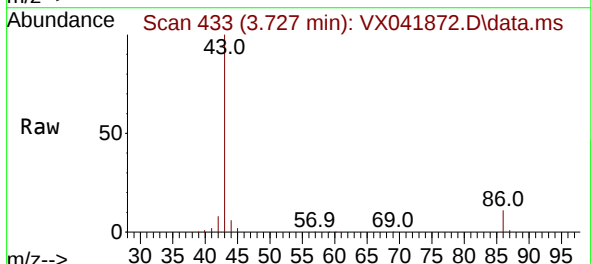
Tgt Ion: 83 Resp: 10728
Ion Ratio Lower Upper
83 100
85 68.6 51.1 76.7
127 11.6 8.1 12.1

Manual Integrations
APPROVED

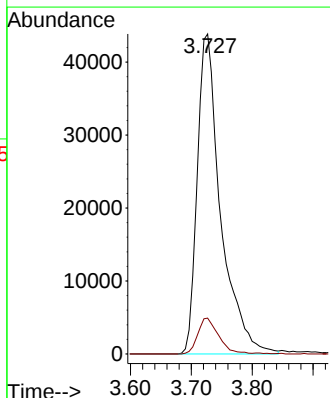
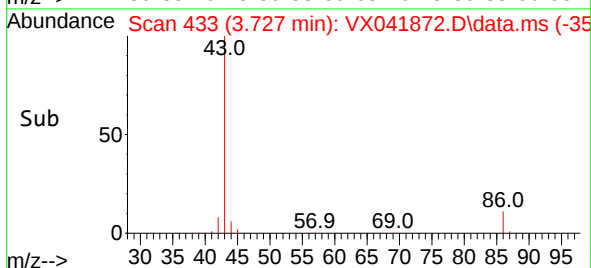
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

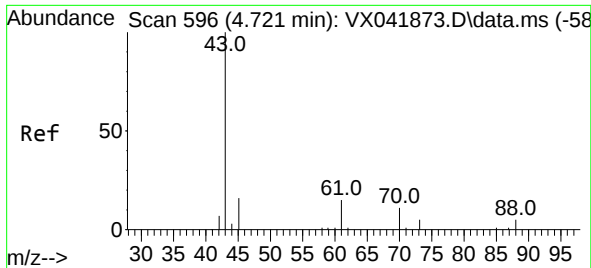


#42
Vinyl Acetate
Concen: 22.823 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.006 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56



Tgt Ion: 43 Resp: 117104
Ion Ratio Lower Upper
43 100
86 9.9 8.5 12.7





#43
Ethyl Acetate
Concen: 4.823 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.006 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Instrument :

MSVOA_X

ClientSampleId :

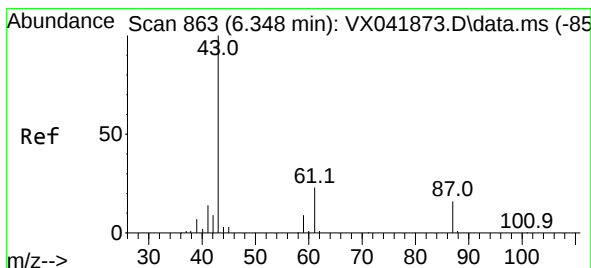
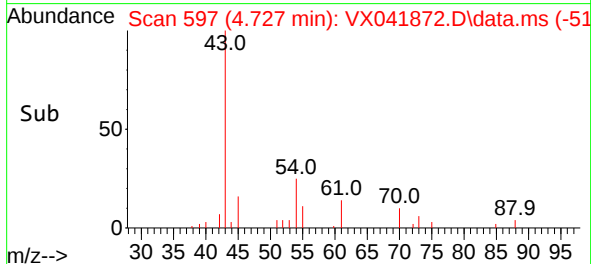
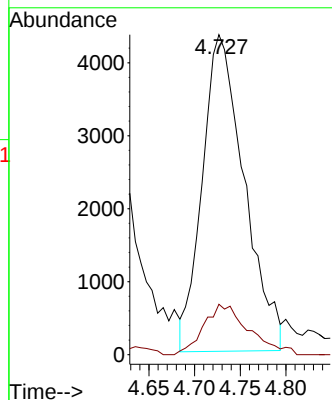
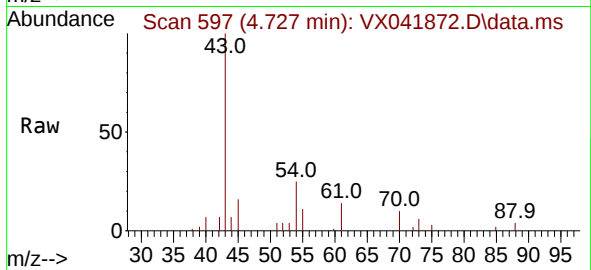
VSTDICC005

Tgt Ion: 43 Resp: 1386
Ion Ratio Lower Upper
43 100
45 16.6 12.4 18.6

Manual Integrations

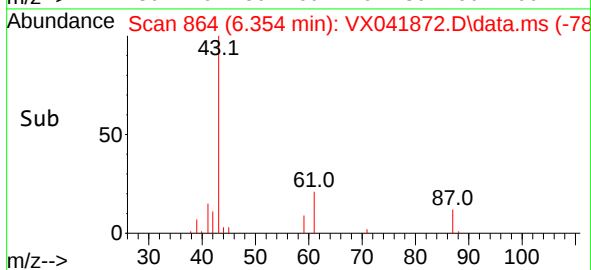
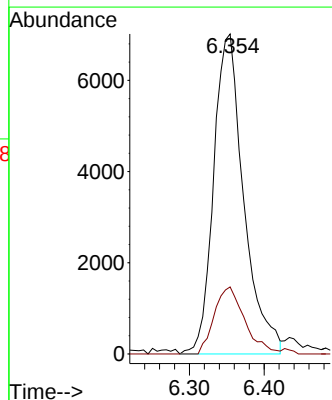
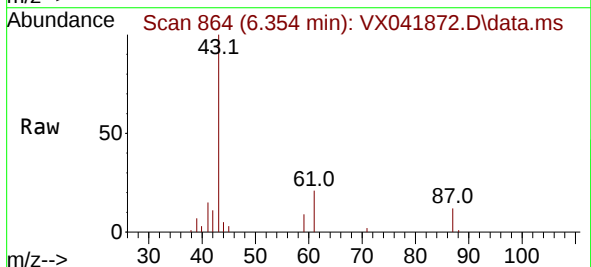
APPROVED

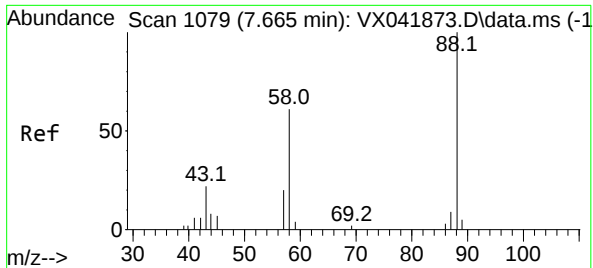
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#44
Isopropyl Acetate
Concen: 4.571 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

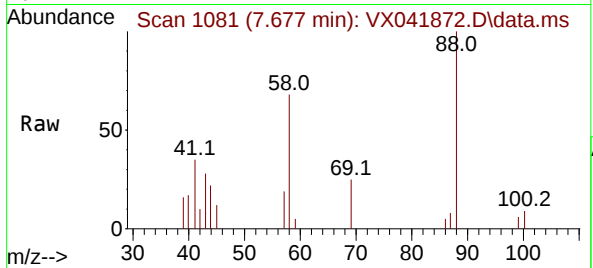
Tgt Ion: 43 Resp: 19680
Ion Ratio Lower Upper
43 100
61 21.1 17.4 26.0





#45
1,4-Dioxane
Concen: 94.935 ug/l m
RT: 7.677 min Scan# 1081
Delta R.T. 0.012 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

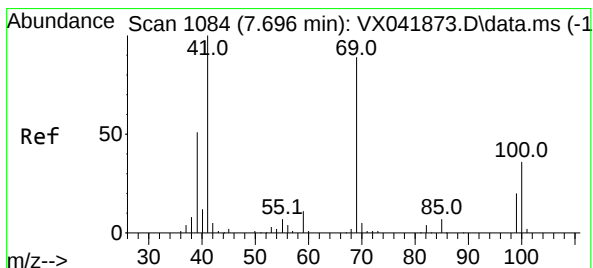
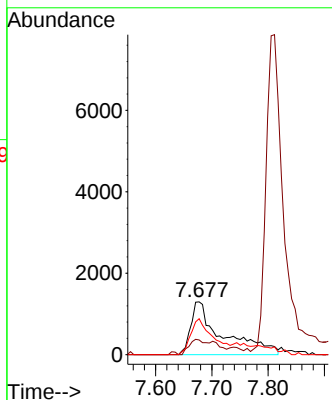
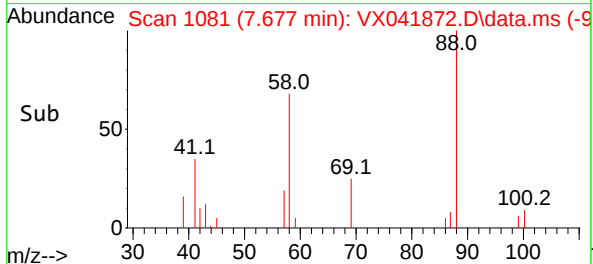
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 88 Resp: 506
Ion Ratio Lower Upper
88 100
43 16.4 23.2 34.8
58 47.9 52.6 78.8

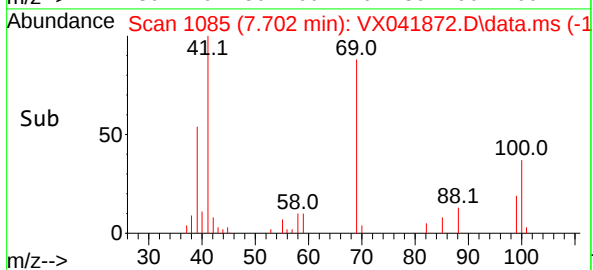
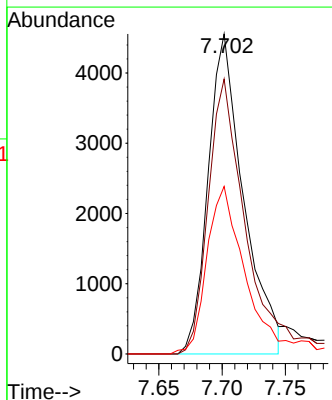
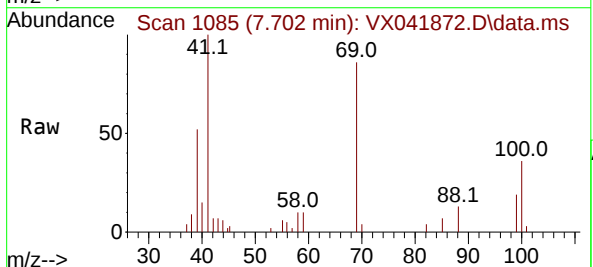
Manual Integrations
APPROVED

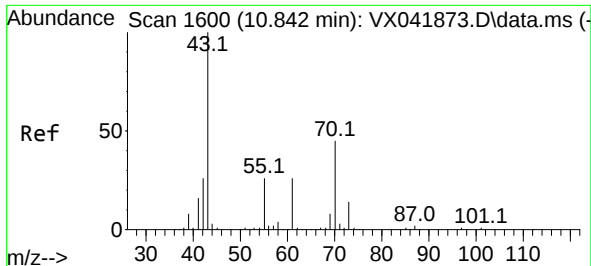
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#46
Methyl methacrylate
Concen: 4.212 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

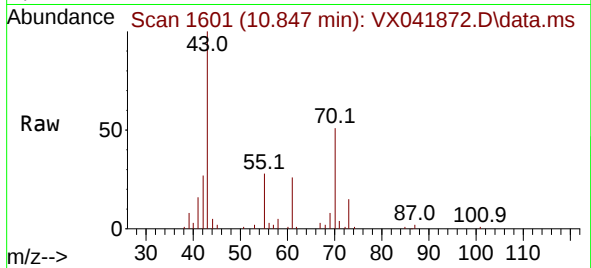
Tgt Ion: 41 Resp: 8865
Ion Ratio Lower Upper
41 100
69 85.9 44.4 133.1
39 51.2 25.5 76.5





#47
n-amy1 Acetate
Concen: 4.080 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

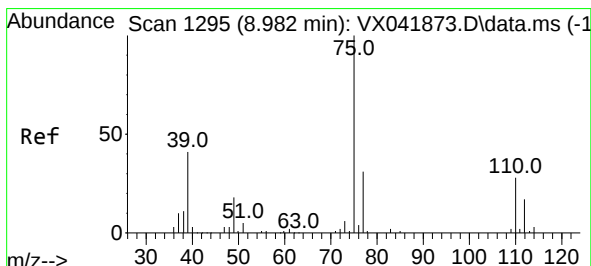
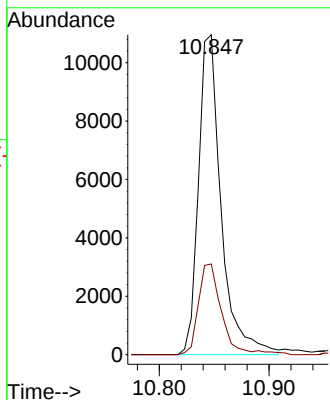
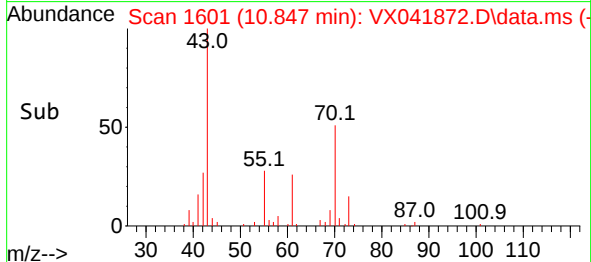
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 15762
Ion Ratio Lower Upper
43 100
55 27.9 21.0 31.4

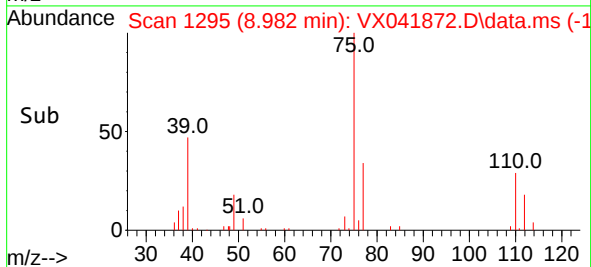
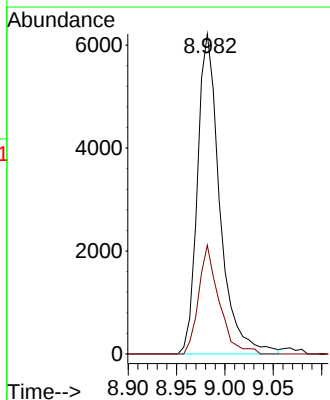
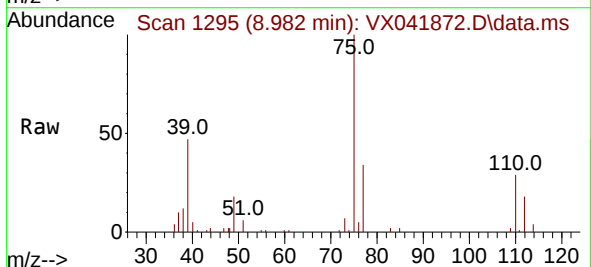
Manual Integrations
APPROVED

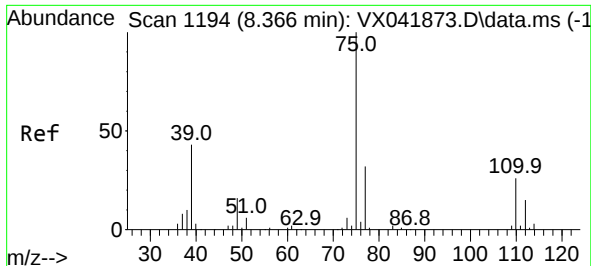
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#48
t-1,3-Dichloropropene
Concen: 4.032 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Tgt Ion: 75 Resp: 10016
Ion Ratio Lower Upper
75 100
77 34.0 25.1 37.7





#49

cis-1,3-Dichloropropene

Concen: 4.133 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX041872.D

Acq: 14 Jun 2024 12:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 1151

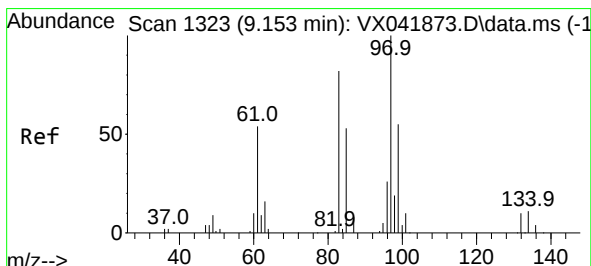
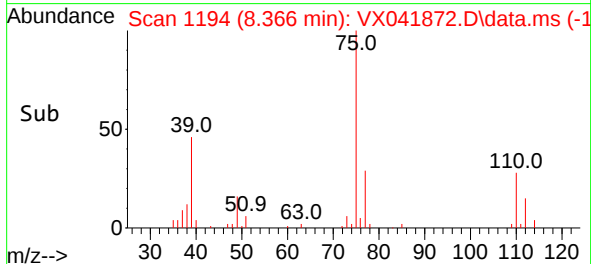
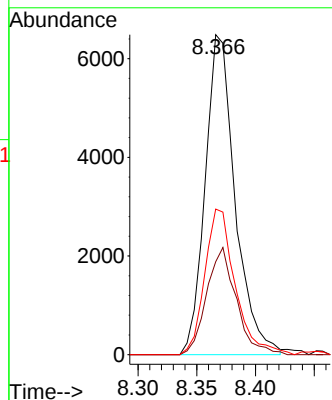
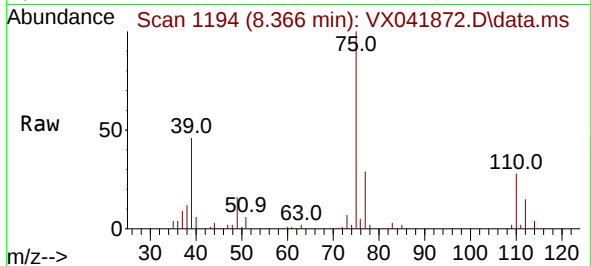
Ion	Ratio	Lower	Upper
75	100		
77	29.0	25.8	38.8
39	45.5	34.8	52.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#50

1,1,2-Trichloroethane

Concen: 4.951 ug/l

RT: 9.153 min Scan# 1323

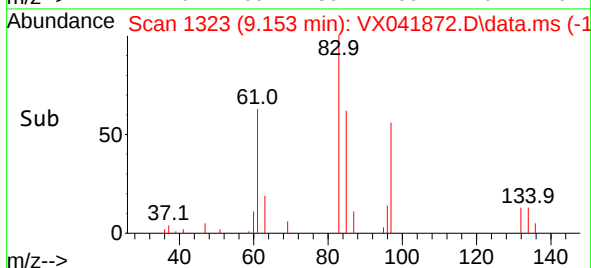
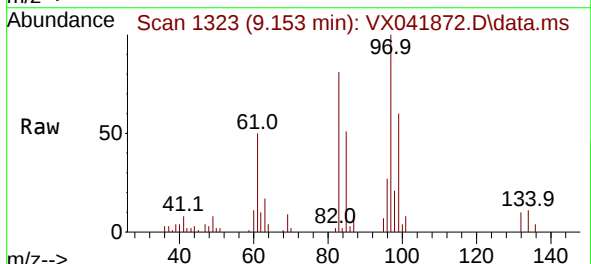
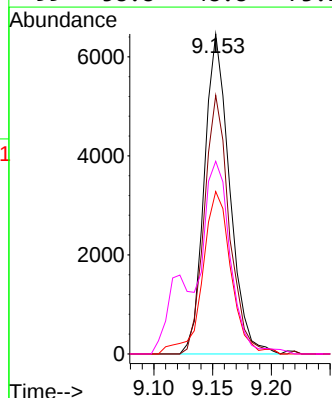
Delta R.T. -0.000 min

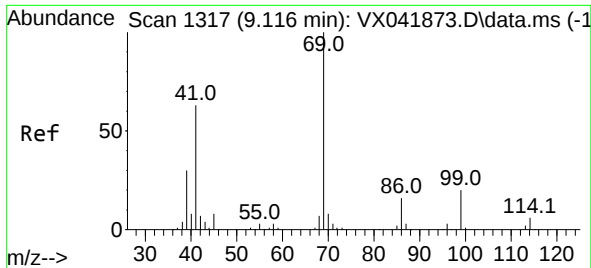
Lab File: VX041872.D

Acq: 14 Jun 2024 12:56

Tgt Ion: 97 Resp: 9695

Ion	Ratio	Lower	Upper
97	100		
83	80.8	65.9	98.9
85	50.8	42.9	64.3
99	58.8	48.8	73.2





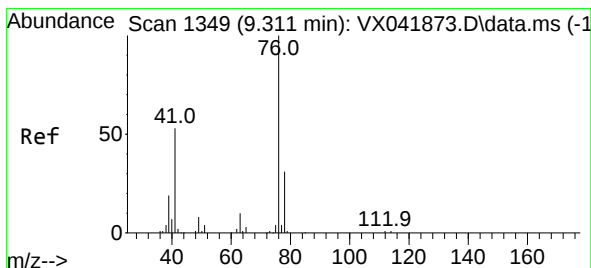
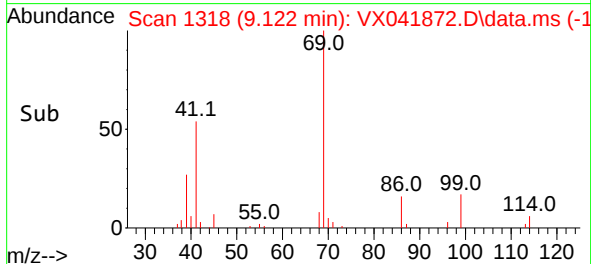
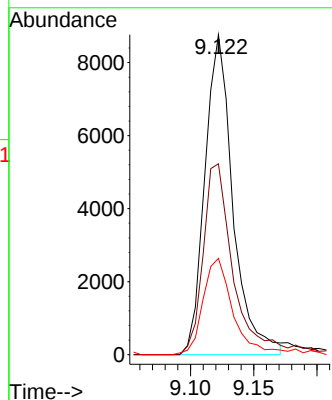
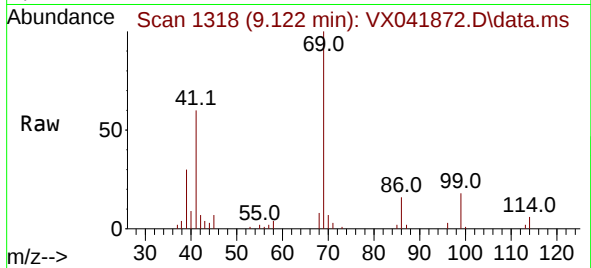
#51
Ethyl methacrylate
Concen: 4.350 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 69 Resp: 1353
Ion Ratio Lower Upper
69 100
41 59.7 31.6 94.7
39 29.6 15.3 45.8

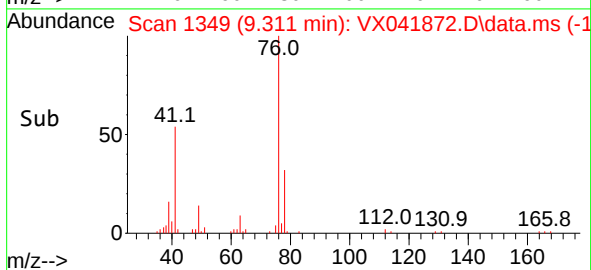
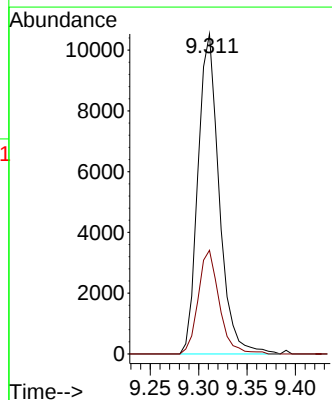
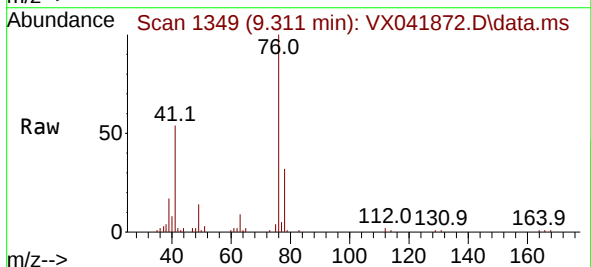
Manual Integrations
APPROVED

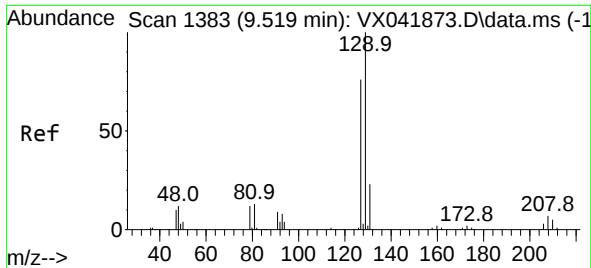
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#52
1,3-Dichloropropane
Concen: 5.028 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Tgt Ion: 76 Resp: 16097
Ion Ratio Lower Upper
76 100
78 32.0 0.0 66.0





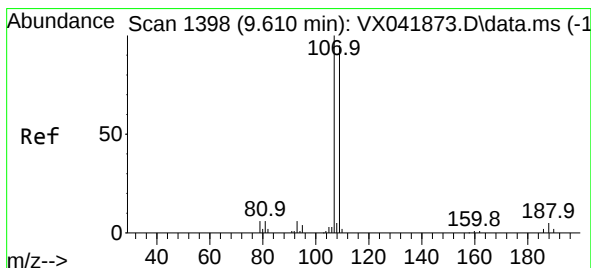
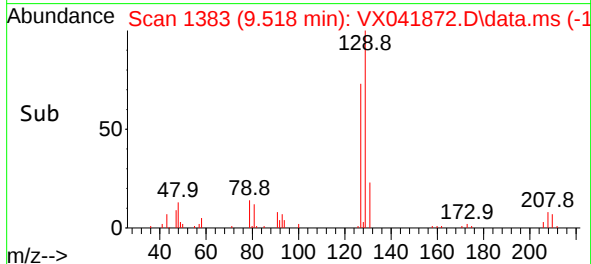
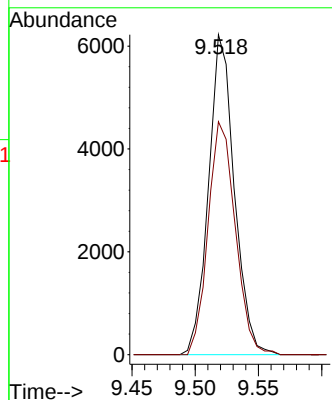
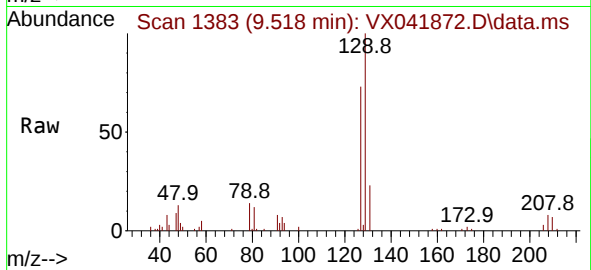
#53
Dibromochloromethane
Concen: 4.127 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:129 Resp: 884
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.4

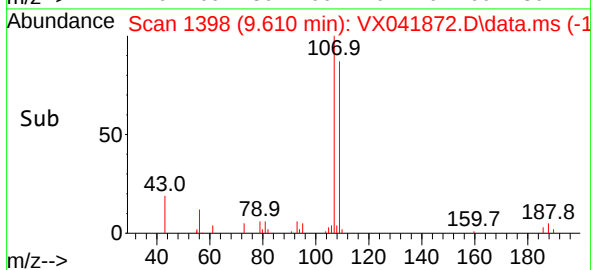
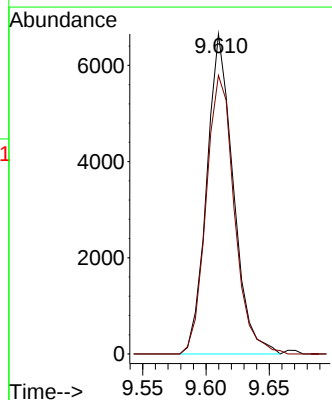
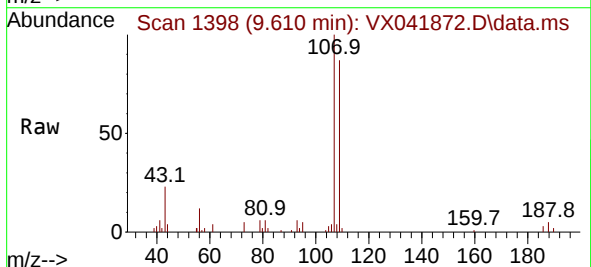
Manual Integrations
APPROVED

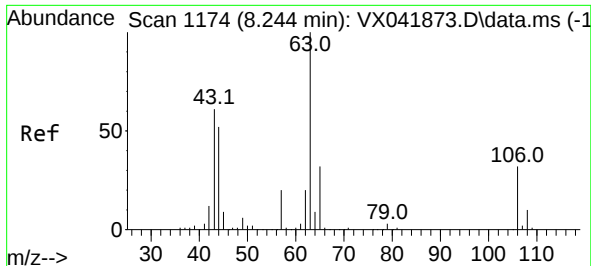
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#54
1,2-Dibromoethane
Concen: 4.710 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Tgt Ion:107 Resp: 9725
Ion Ratio Lower Upper
107 100
109 92.3 75.7 113.5





#55

2-Chloroethyl vinyl ether

Concen: 22.311 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX041872.D

Acq: 14 Jun 2024 12:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

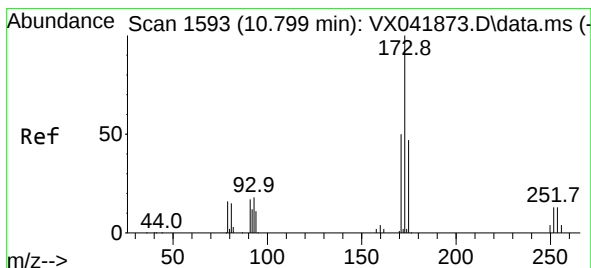
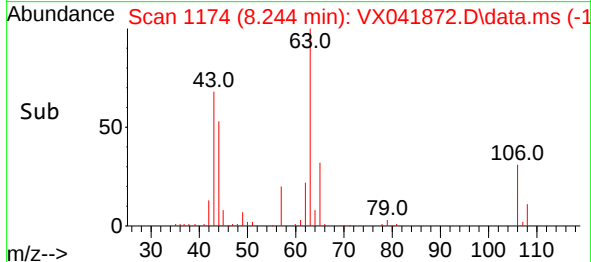
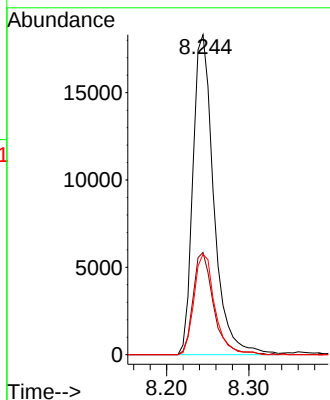
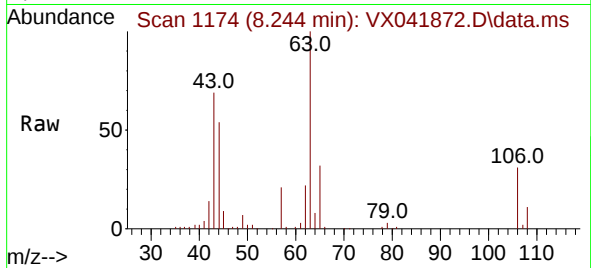
Tgt Ion:	63	Resp:	3230
Ion	Ratio	Lower	Upper
63	100		
65	31.2	25.7	38.5
106	31.2	25.3	37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#56

Bromoform

Concen: 3.880 ug/l

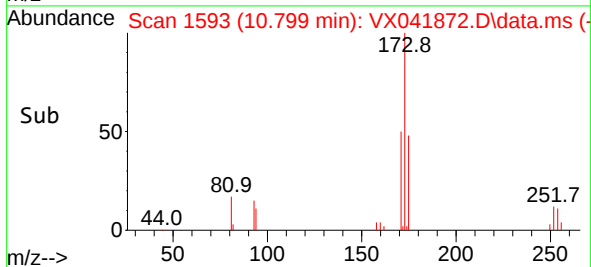
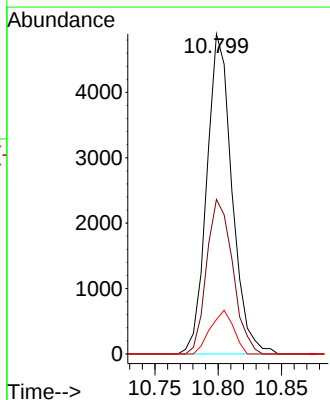
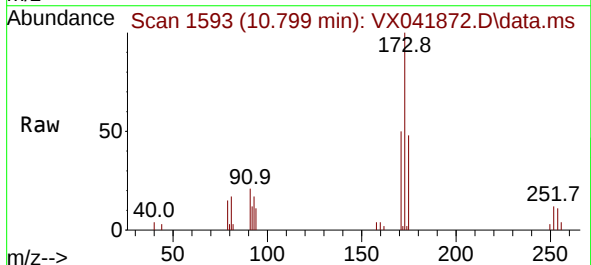
RT: 10.799 min Scan# 1593

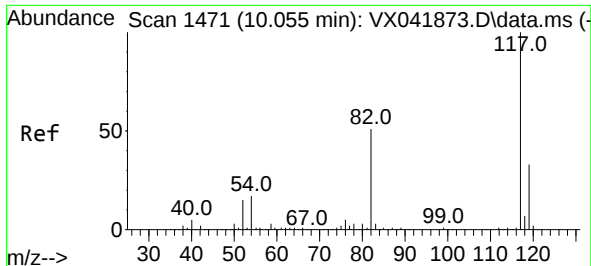
Delta R.T. -0.000 min

Lab File: VX041872.D

Acq: 14 Jun 2024 12:56

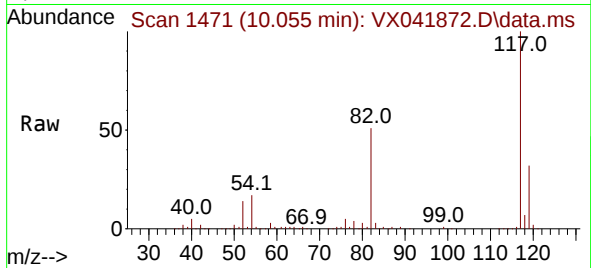
Tgt Ion:	173	Resp:	6780
Ion	Ratio	Lower	Upper
173	100		
175	49.9	39.3	58.9
254	12.4	9.6	14.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

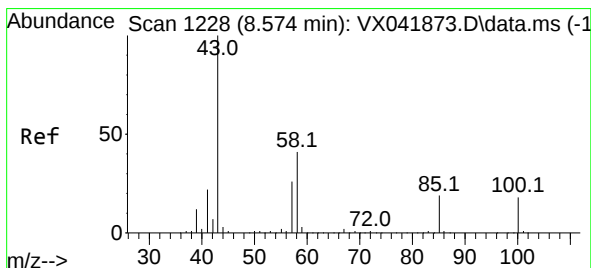
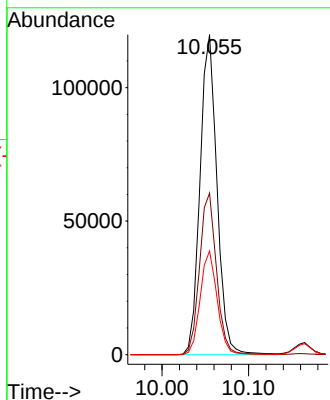
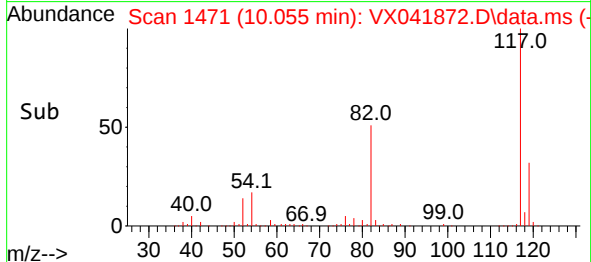
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 117 Resp: 16322
Ion Ratio Lower Upper
117 100
82 50.6 41.1 61.7
119 32.4 26.1 39.1

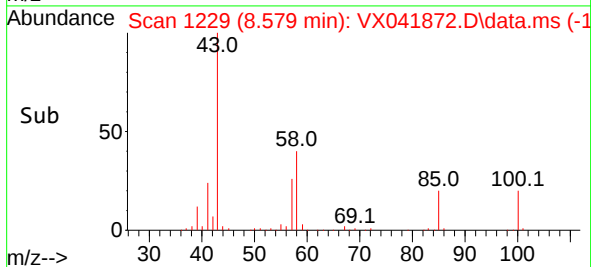
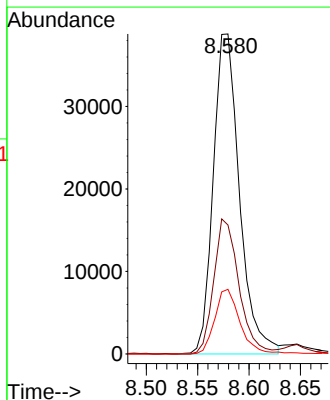
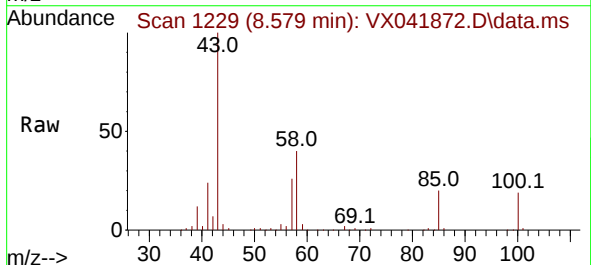
Manual Integrations
APPROVED

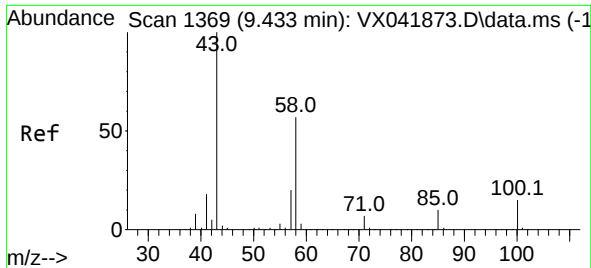
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#58
4-Methyl-2-Pentanone
Concen: 23.542 ug/l
RT: 8.579 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Tgt Ion: 43 Resp: 68855
Ion Ratio Lower Upper
43 100
58 40.4 33.2 49.8
85 19.3 15.5 23.3





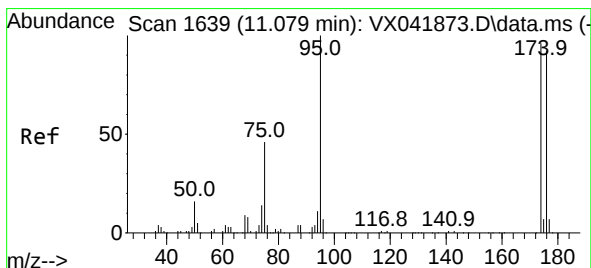
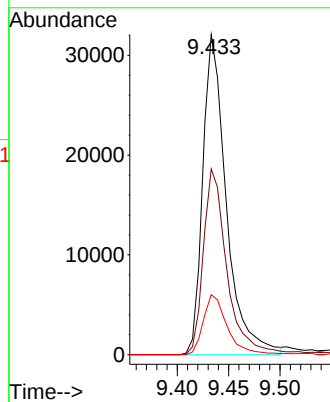
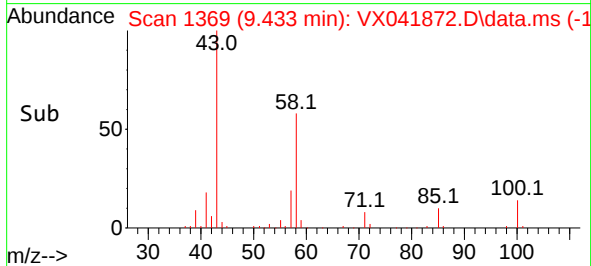
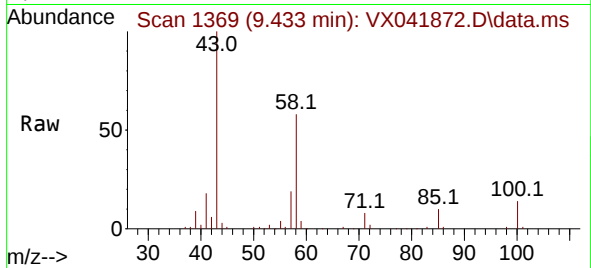
#59
2-Hexanone
Concen: 22.660 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 5115
Ion Ratio Lower Upper
43 100
58 58.0 46.0 69.0
57 19.2 15.8 23.6

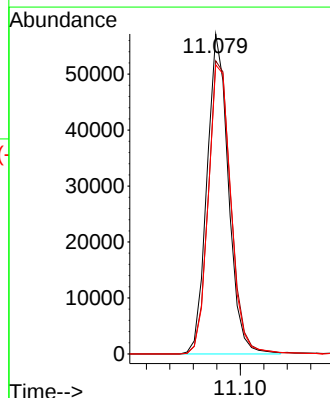
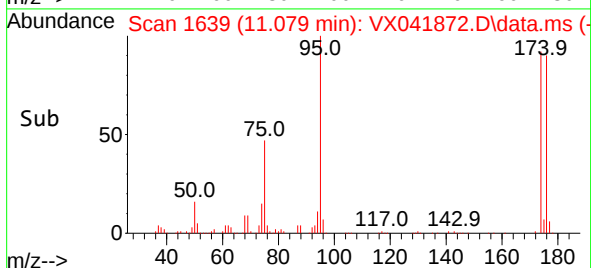
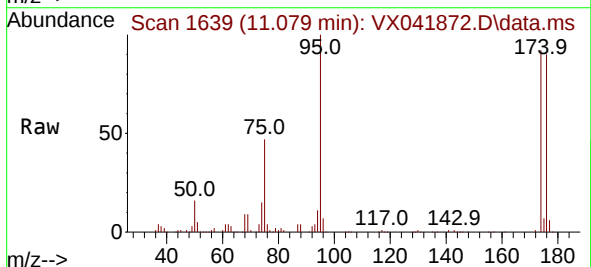
Manual Integrations
APPROVED

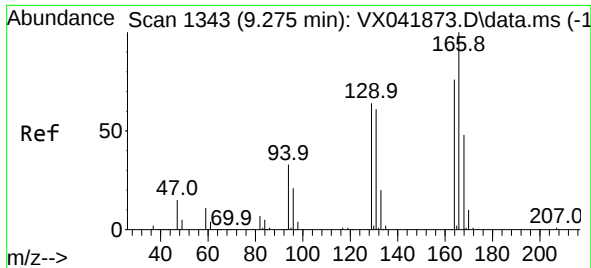
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#60
4-Bromofluorobenzene
Concen: 28.691 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Tgt Ion: 95 Resp: 72490
Ion Ratio Lower Upper
95 100
174 96.4 78.9 118.3
176 95.2 77.1 115.7





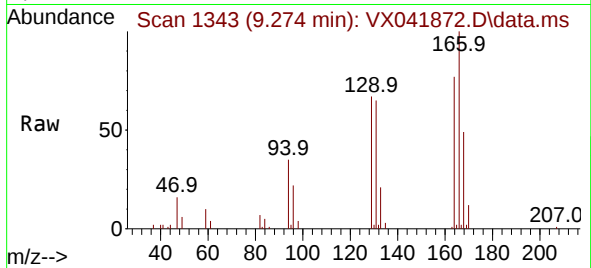
#61
Tetrachloroethene
Concen: 5.063 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



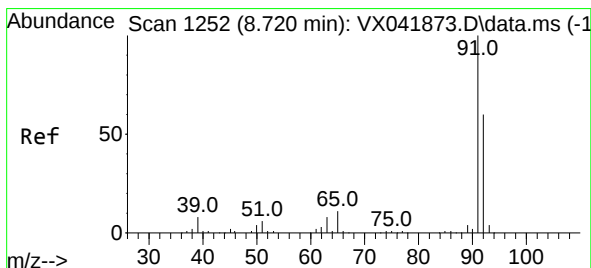
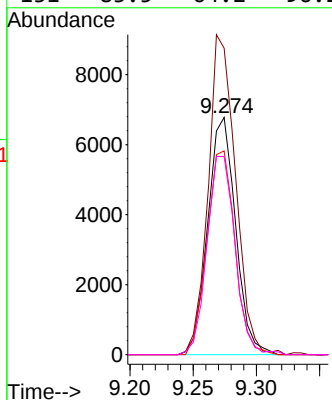
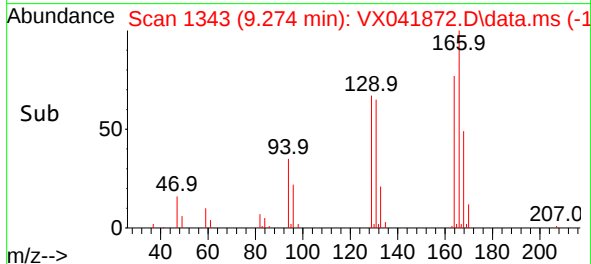
Tgt Ion:164 Resp: 10399
Ion Ratio Lower Upper
164 100
166 129.2 105.0 157.6
129 85.9 67.1 100.7
131 83.5 64.2 96.2

Manual Integrations

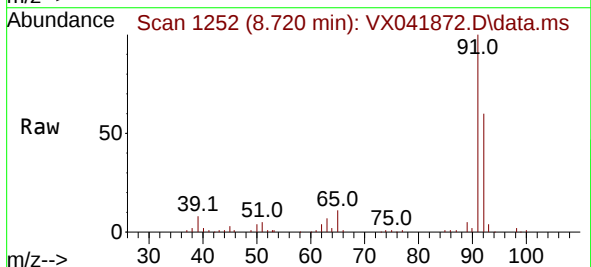
APPROVED

Reviewed By :John Carlone 06/17/2024

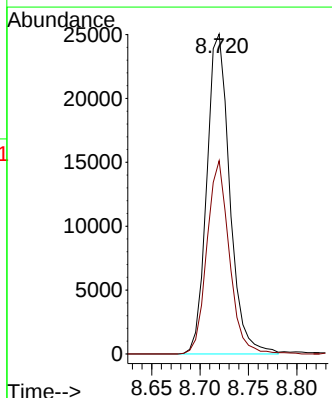
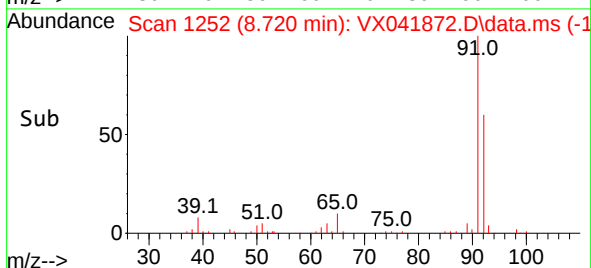
Supervised By :Mahesh Dadoda 06/17/2024

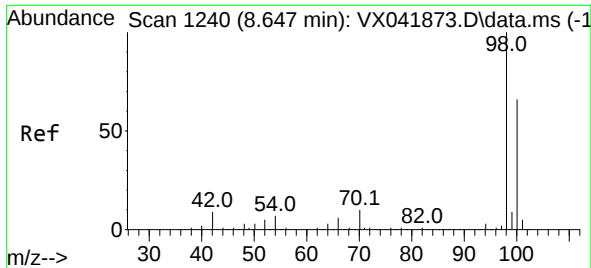


#62
Toluene
Concen: 5.010 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56



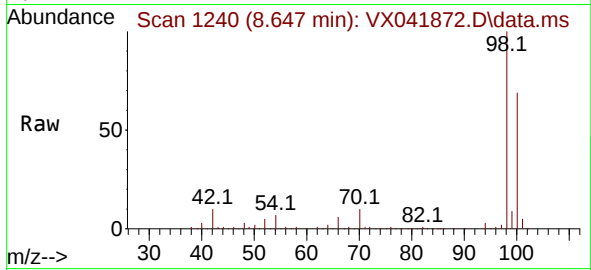
Tgt Ion: 91 Resp: 41381
Ion Ratio Lower Upper
91 100
92 59.1 47.4 71.2





#63
Toluene-d8
Concen: 30.214 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

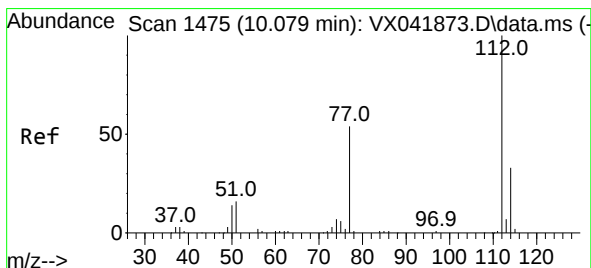
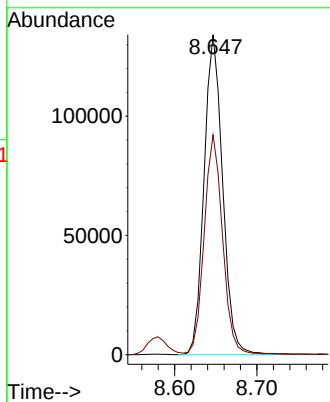
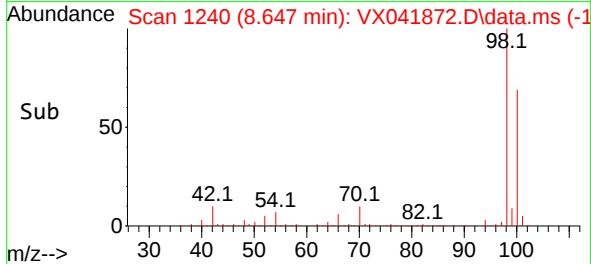
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 98 Resp: 21099
Ion Ratio Lower Upper
98 100
100 67.2 52.7 79.1

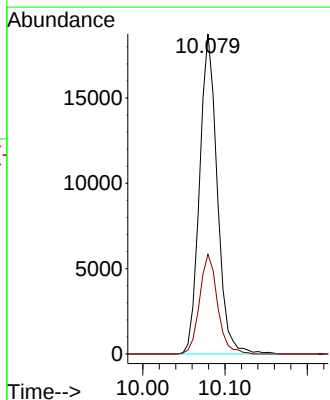
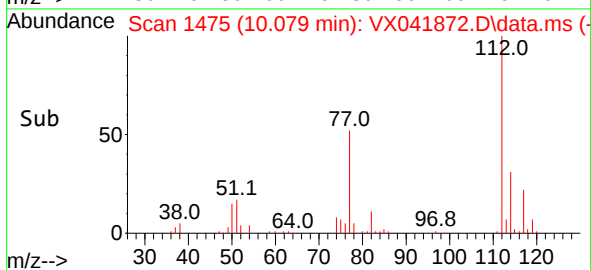
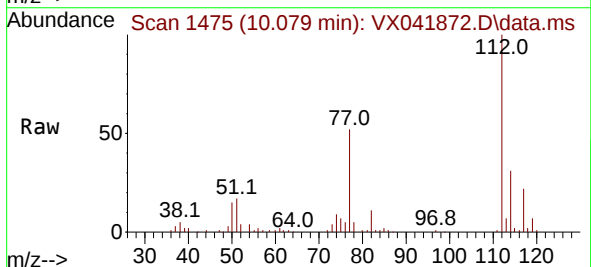
Manual Integrations
APPROVED

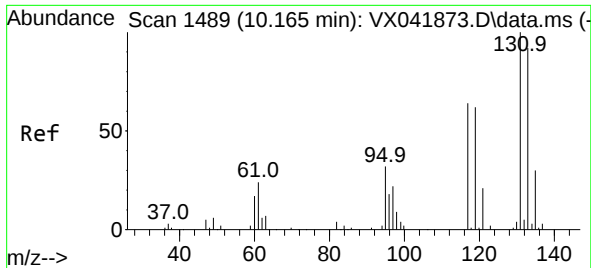
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#64
Chlorobenzene
Concen: 4.972 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Tgt Ion:112 Resp: 27966
Ion Ratio Lower Upper
112 100
114 31.1 26.2 39.4





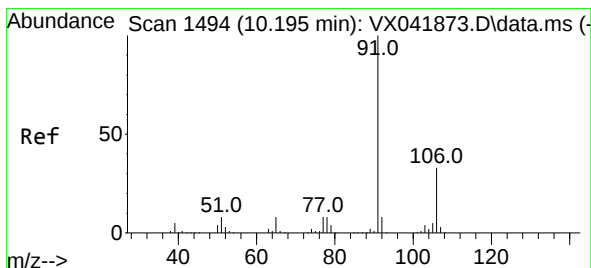
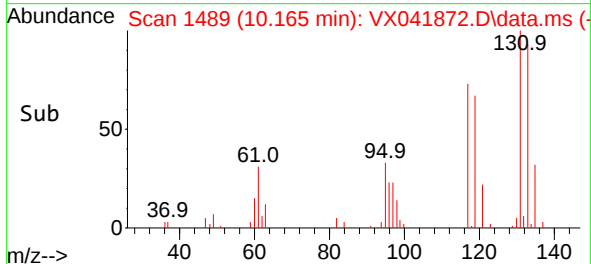
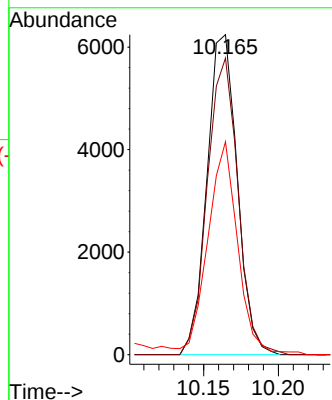
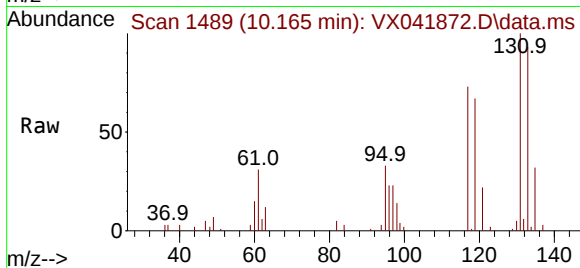
#65
1,1,1,2-Tetrachloroethane
Concen: 4.525 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:131 Resp: 8789
Ion Ratio Lower Upper
131 100
133 93.9 0.0 194.8
119 62.7 0.0 127.6

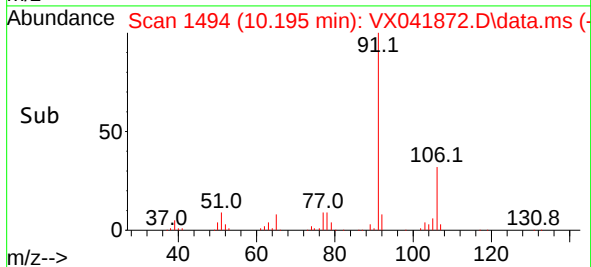
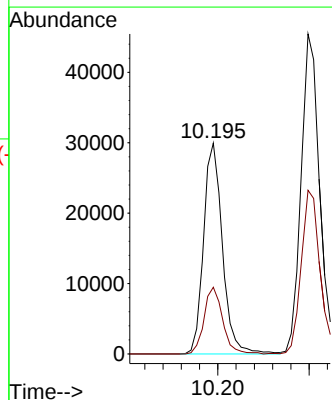
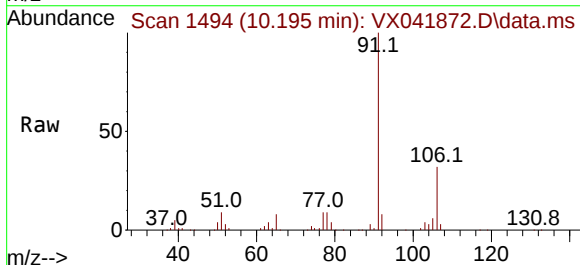
Manual Integrations
APPROVED

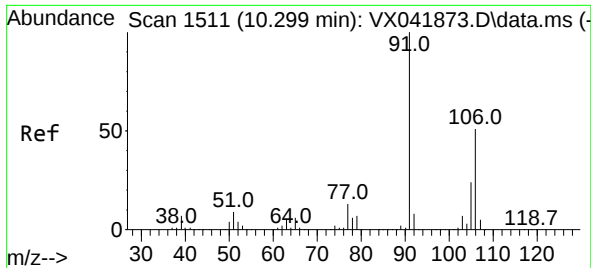
Reviewed By :John Carbone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#66
Ethyl Benzene
Concen: 4.760 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Tgt Ion: 91 Resp: 42985
Ion Ratio Lower Upper
91 100
106 31.6 26.4 39.6





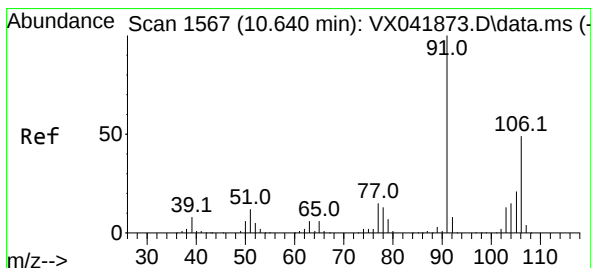
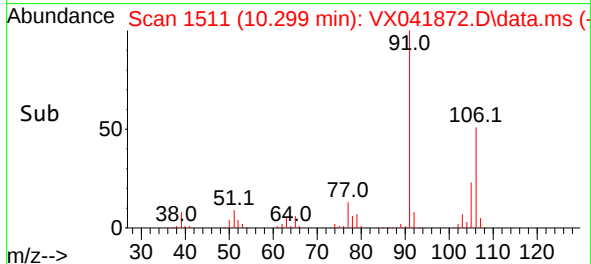
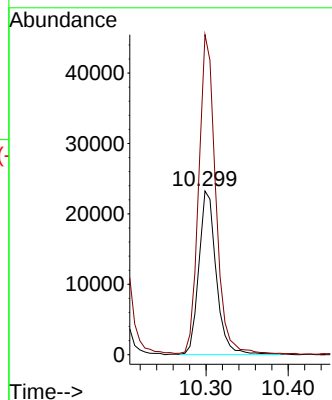
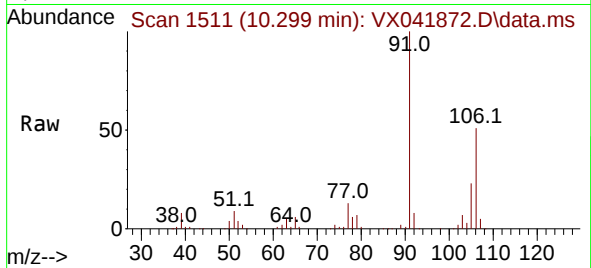
#67
m/p-Xylenes
Concen: 9.382 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 34078
Ion Ratio Lower Upper
106 100
91 187.1 157.0 235.6

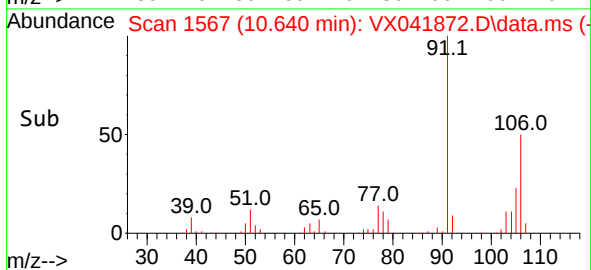
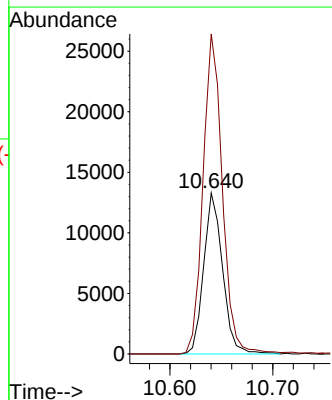
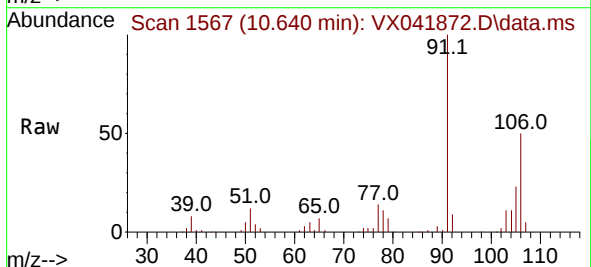
Manual Integrations
APPROVED

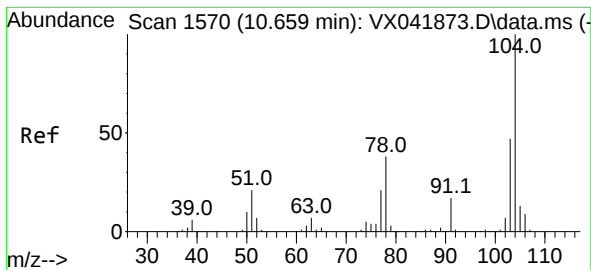
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#68
o-Xylene
Concen: 4.700 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Tgt Ion:106 Resp: 17022
Ion Ratio Lower Upper
106 100
91 202.9 103.2 309.6





#69

Styrene

Concen: 4.259 ug/l

RT: 10.658 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX041872.D

Acq: 14 Jun 2024 12:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

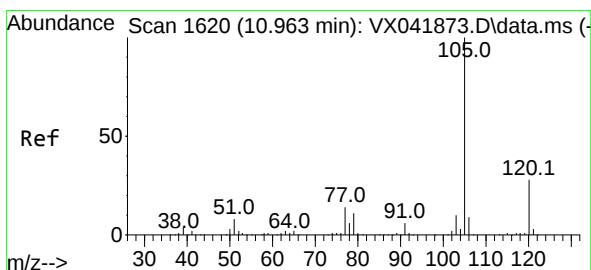
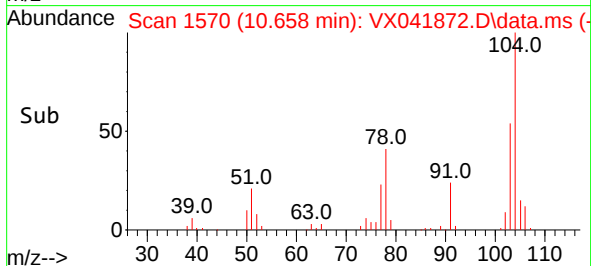
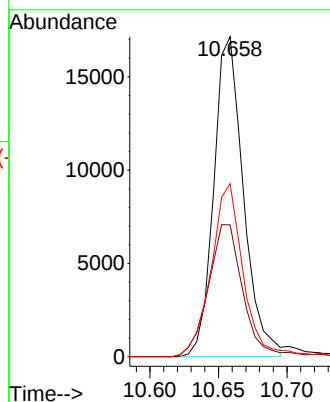
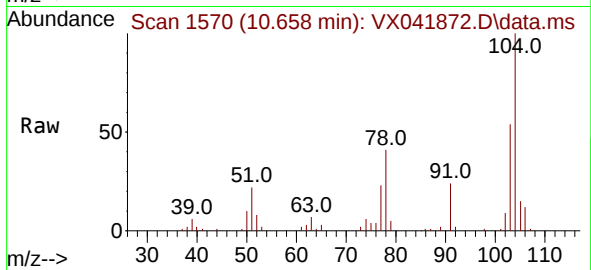
Tgt Ion:104	Resp:	2577
Ion Ratio	Lower	Upper
104	100	
78	48.0	36.5 54.7
103	58.4	43.4 65.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#70

Isopropylbenzene

Concen: 4.688 ug/l

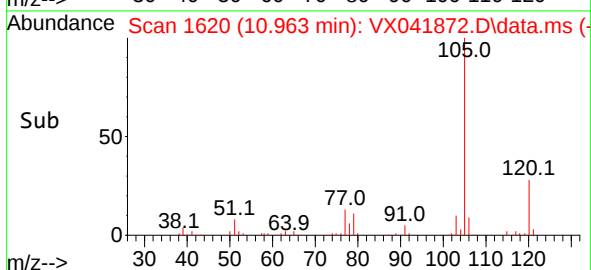
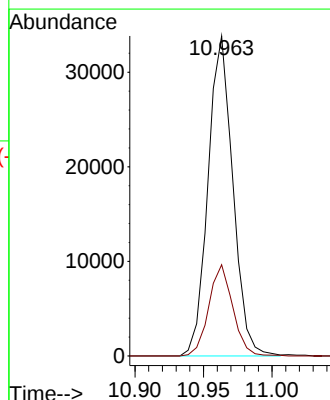
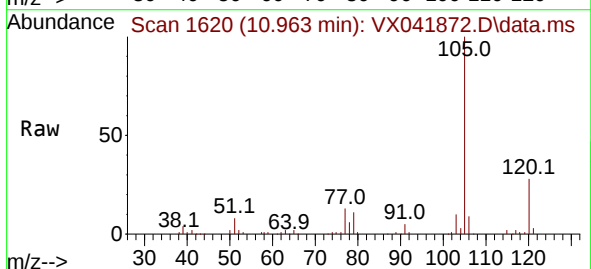
RT: 10.963 min Scan# 1620

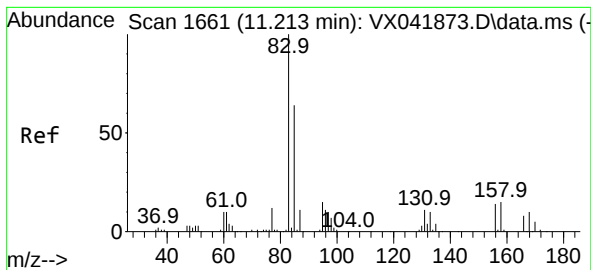
Delta R.T. -0.000 min

Lab File: VX041872.D

Acq: 14 Jun 2024 12:56

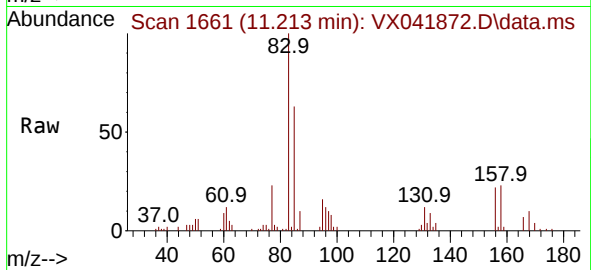
Tgt Ion:105	Resp:	42685
Ion Ratio	Lower	Upper
105	100	
120	27.5	19.2 35.6





#71
1,1,2,2-Tetrachloroethane
Concen: 4.813 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

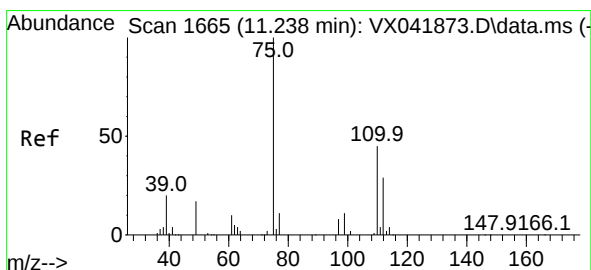
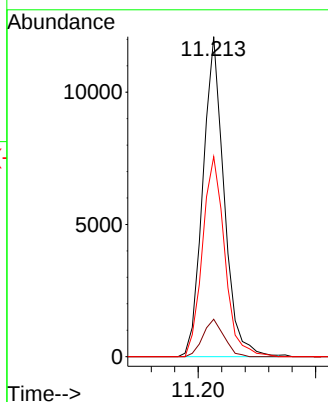
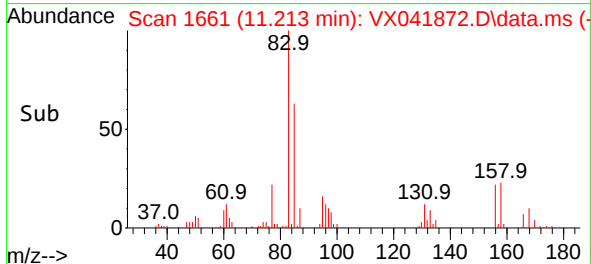
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



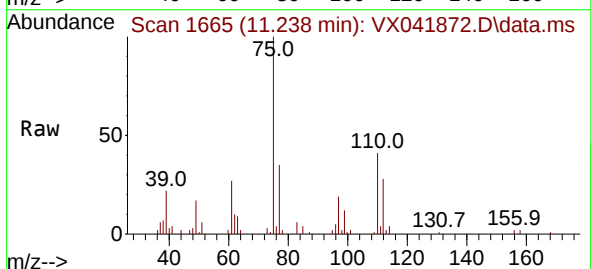
Tgt Ion: 83 Resp: 1516
Ion Ratio Lower Upper
83 100
131 11.6 5.5 16.7
85 65.6 32.6 97.7

Manual Integrations
APPROVED

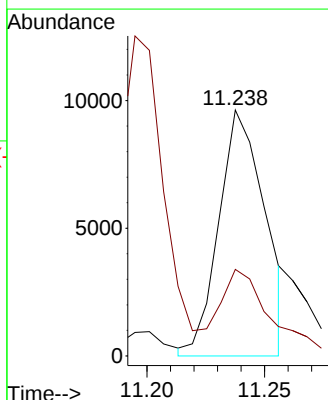
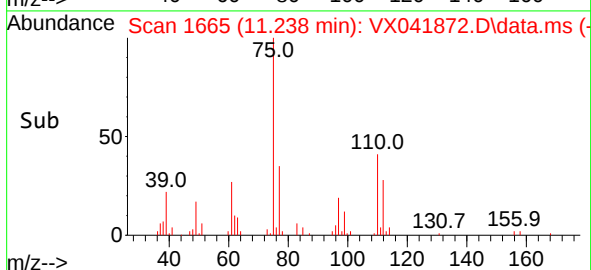
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

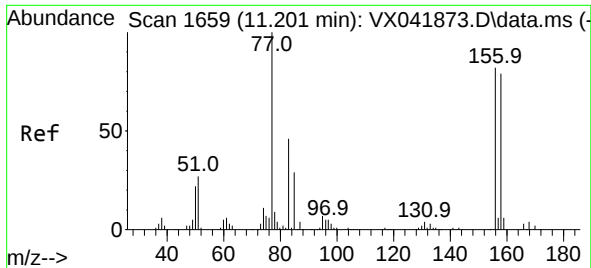


#72
1,2,3-Trichloropropane
Concen: 4.849 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56



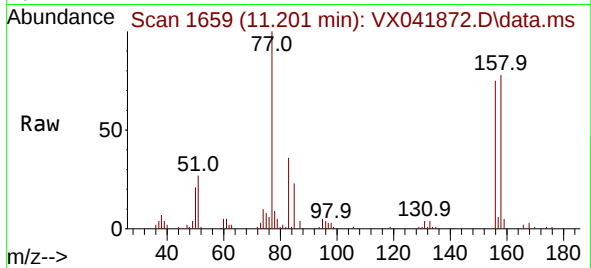
Tgt Ion: 75 Resp: 13098
Ion Ratio Lower Upper
75 100
77 41.0 0.0 79.6





#73
Bromobenzene
Concen: 4.809 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

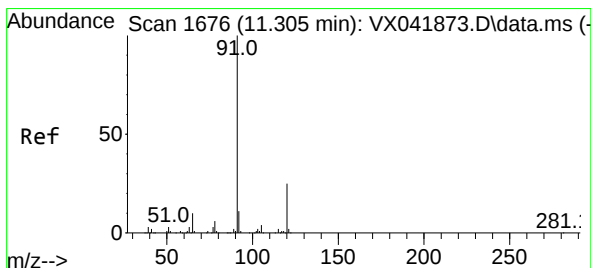
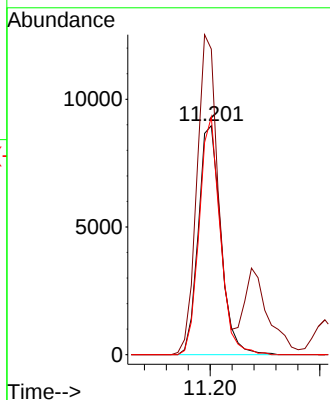
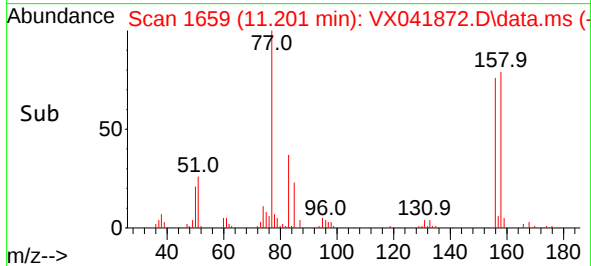
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



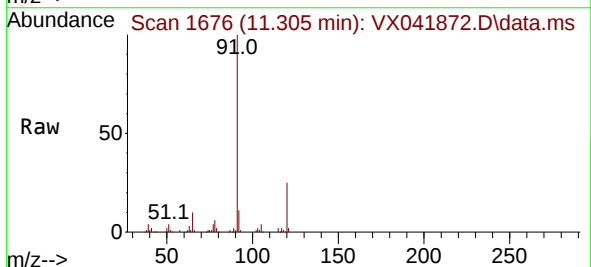
Tgt Ion:156 Resp: 12772
Ion Ratio Lower Upper
156 100
77 131.4 0.0 266.2
158 97.0 0.0 195.2

Manual Integrations
APPROVED

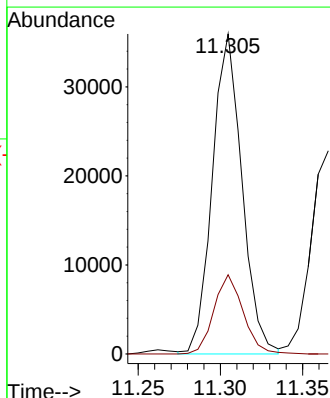
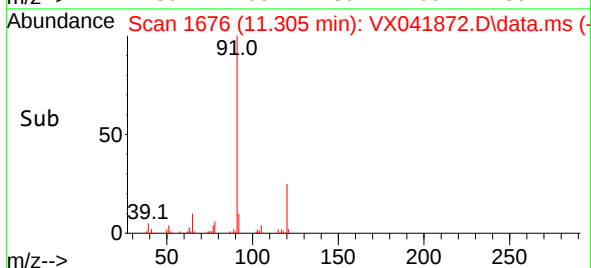
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

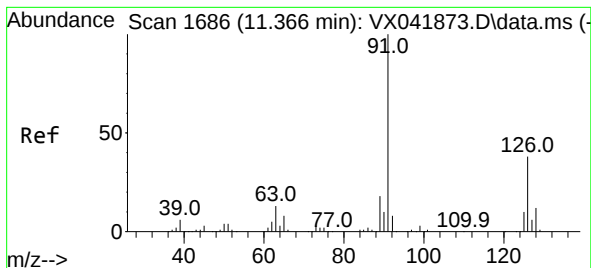


#74
n-propylbenzene
Concen: 4.501 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56



Tgt Ion: 91 Resp: 45019
Ion Ratio Lower Upper
91 100
120 24.4 0.0 49.6





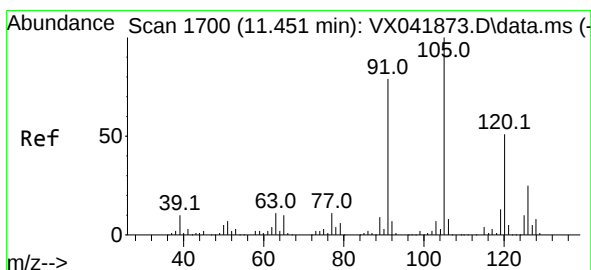
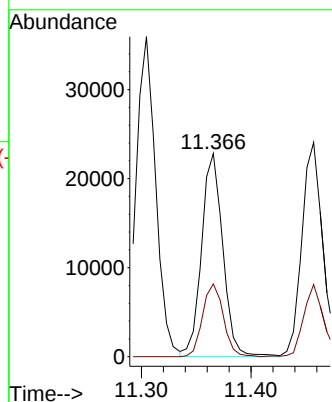
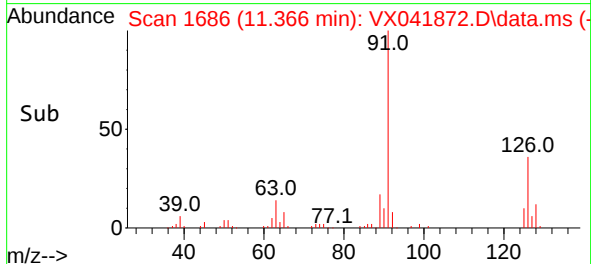
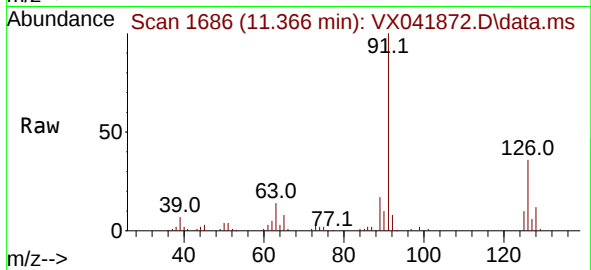
#75
2-Chlorotoluene
Concen: 4.857 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 3084
Ion Ratio Lower Upper
91 100
126 34.9 0.0 72.6

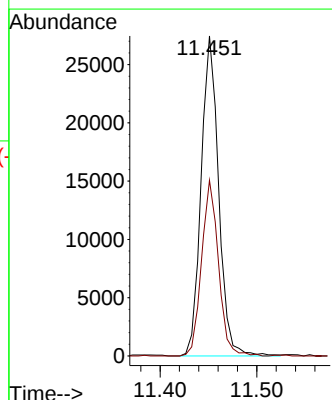
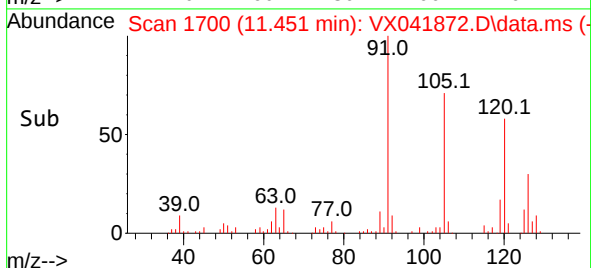
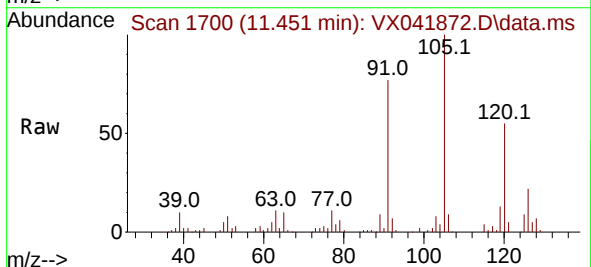
Manual Integrations
APPROVED

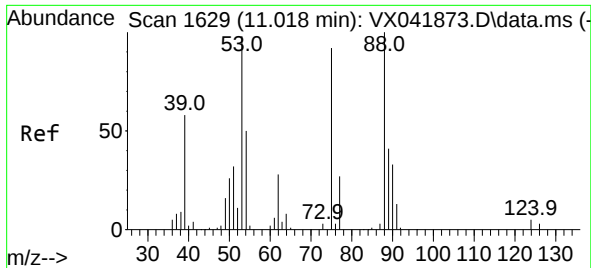
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#76
1,3,5-Trimethylbenzene
Concen: 4.539 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Tgt Ion:105 Resp: 34628
Ion Ratio Lower Upper
105 100
120 52.9 0.0 103.0





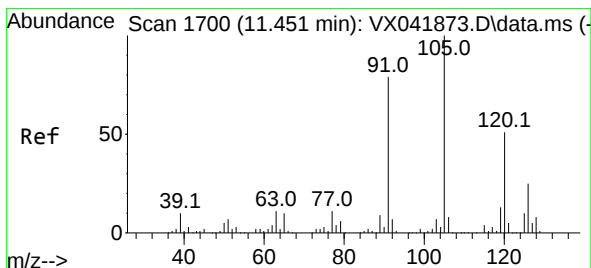
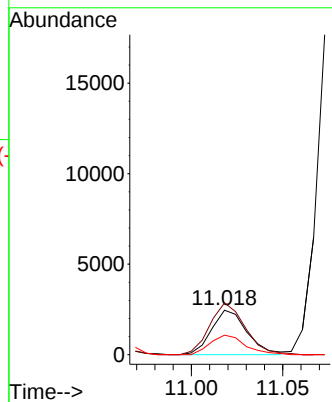
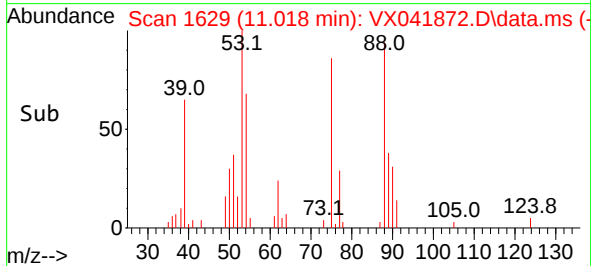
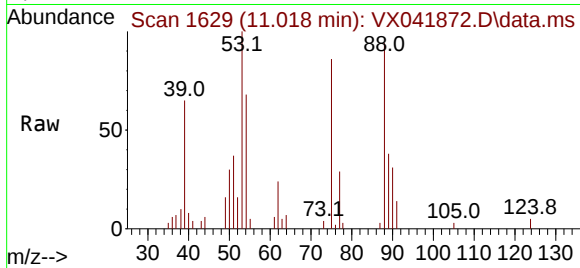
#77
t-1,4-Dichloro-2-butene
Concen: 3.519 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 332
Ion Ratio Lower Upper
75 100
53 116.8 53.4 160.2
89 44.0 22.5 67.5

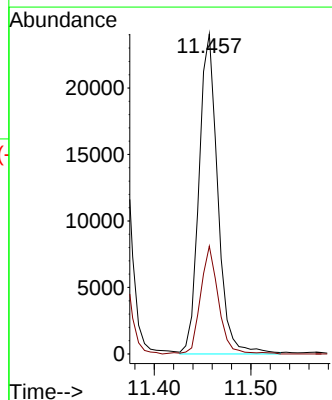
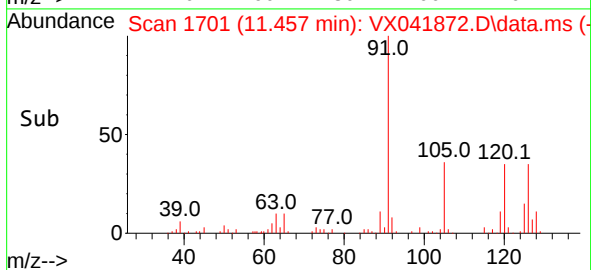
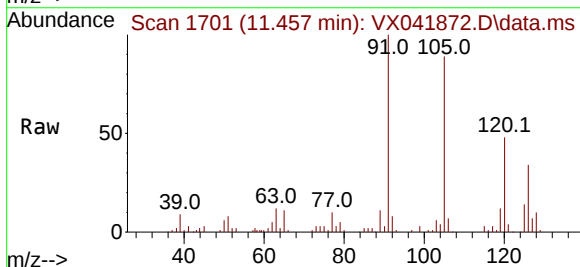
Manual Integrations
APPROVED

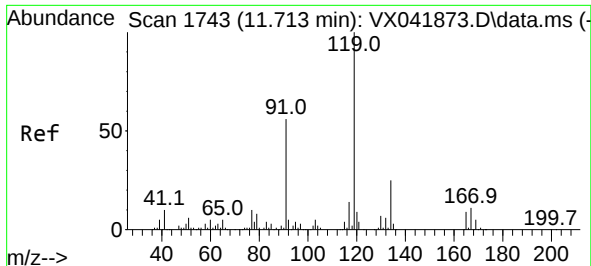
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#78
4-Chlorotoluene
Concen: 4.617 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Tgt Ion: 91 Resp: 32575
Ion Ratio Lower Upper
91 100
126 31.7 0.0 64.8





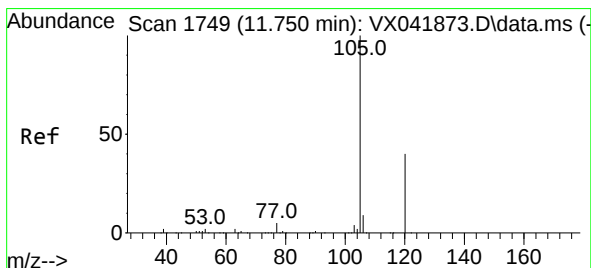
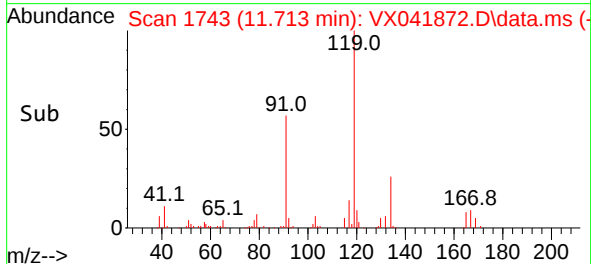
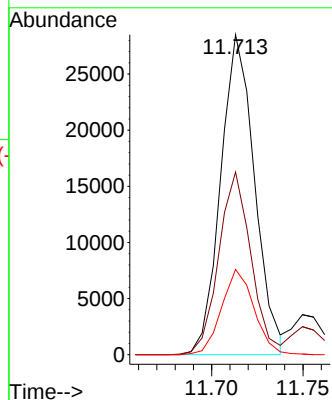
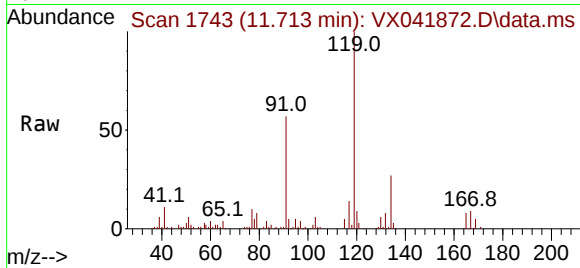
#79
tert-butylbenzene
Concen: 4.552 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 3685
Ion Ratio Lower Upper
119 100
91 54.4 0.0 106.0
134 25.6 0.0 49.4

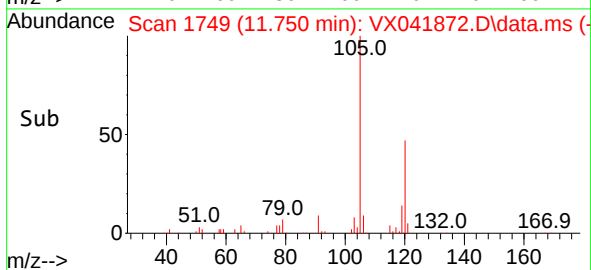
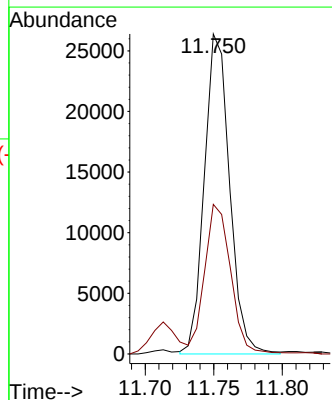
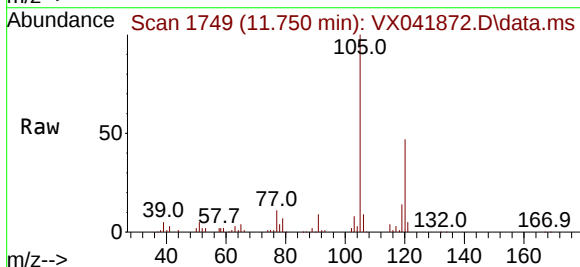
Manual Integrations
APPROVED

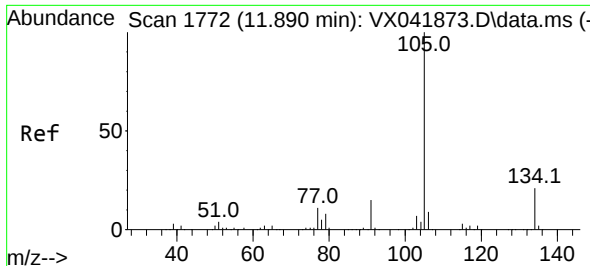
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#80
1,2,4-Trimethylbenzene
Concen: 4.440 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Tgt Ion:105 Resp: 33838
Ion Ratio Lower Upper
105 100
120 47.2 0.0 96.2





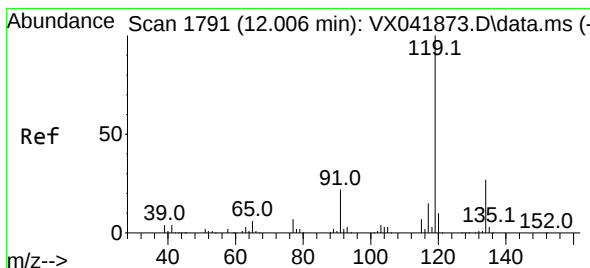
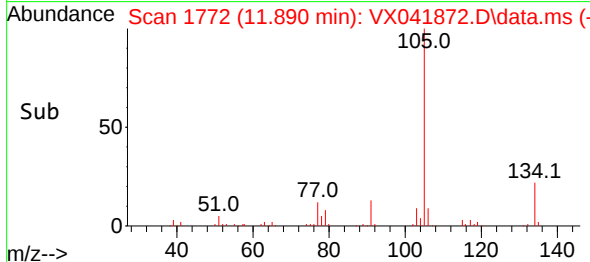
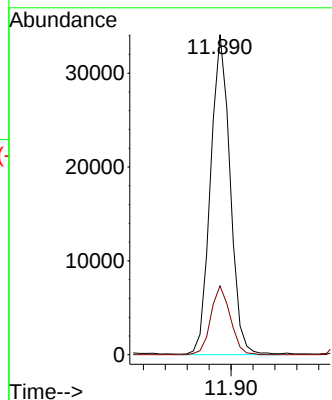
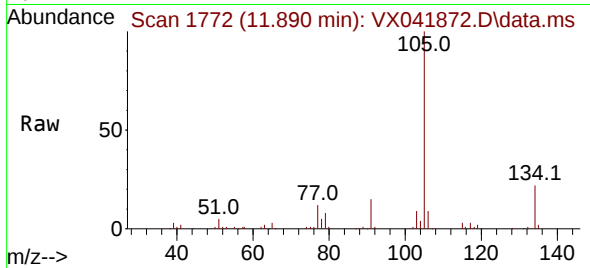
#81
 sec-Butylbenzene
 Concen: 4.484 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX041872.D
 Acq: 14 Jun 2024 12:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 42345
 Ion Ratio Lower Upper
 105 100
 134 21.3 0.0 43.2

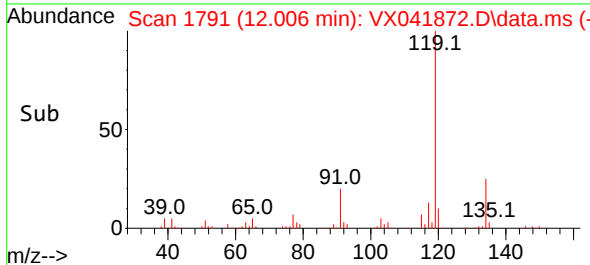
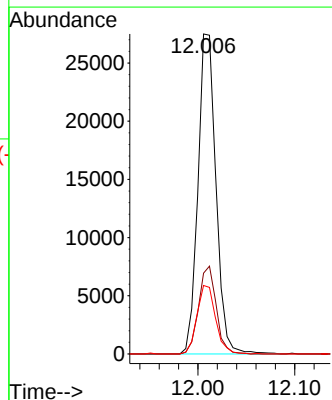
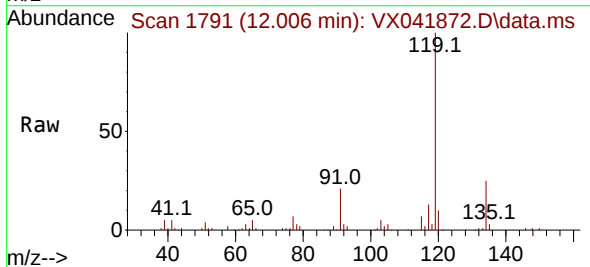
Manual Integrations
 APPROVED

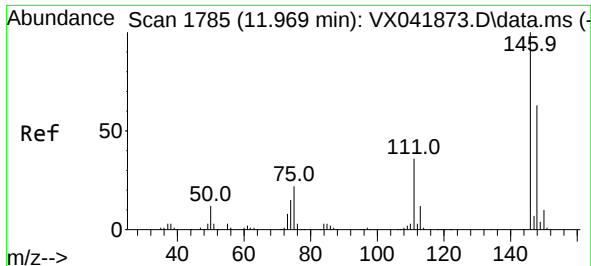
Reviewed By :John Carlone 06/17/2024
 Supervised By :Mahesh Dadoda 06/17/2024



#82
 p-Isopropyltoluene
 Concen: 4.316 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX041872.D
 Acq: 14 Jun 2024 12:56

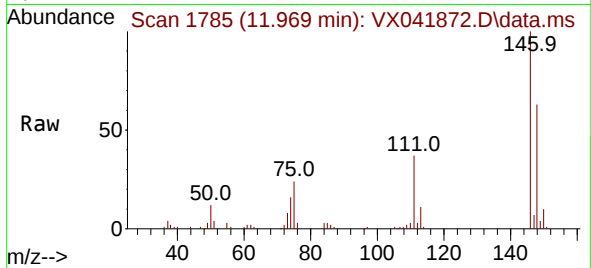
Tgt Ion:119 Resp: 35720
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 54.0
 91 22.0 0.0 42.2





#83
1,3-Dichlorobenzene
Concen: 4.674 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

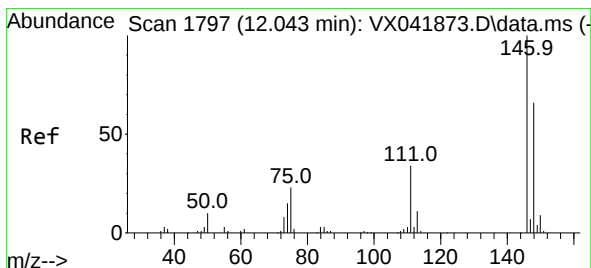
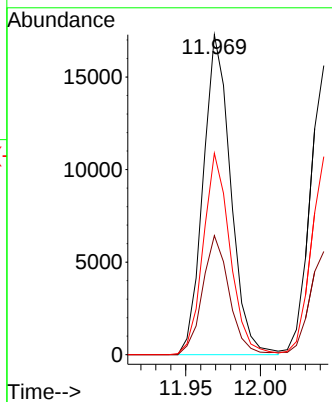
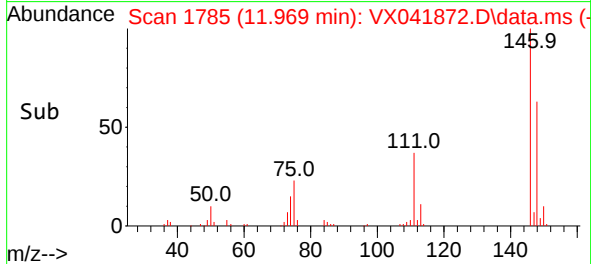
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



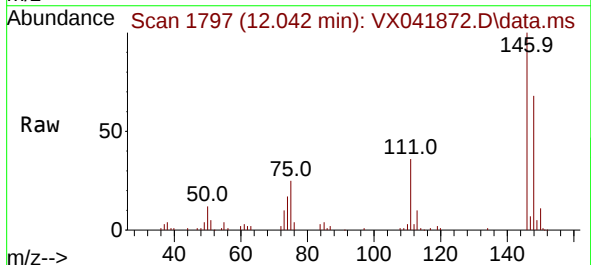
Tgt Ion:146 Resp: 2213
Ion Ratio Lower Upper
146 100
111 36.0 18.0 54.0
148 61.5 31.9 95.7

Manual Integrations
APPROVED

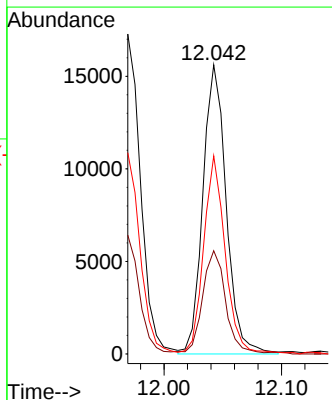
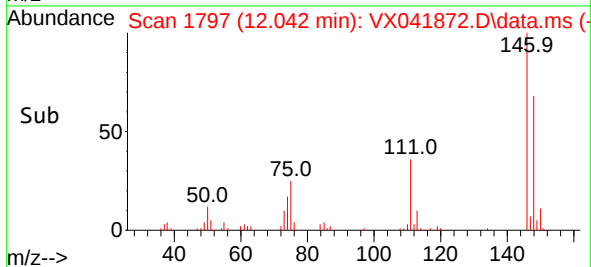
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

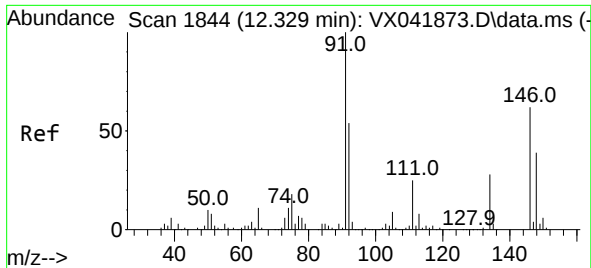


#84
1,4-Dichlorobenzene
Concen: 4.566 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56



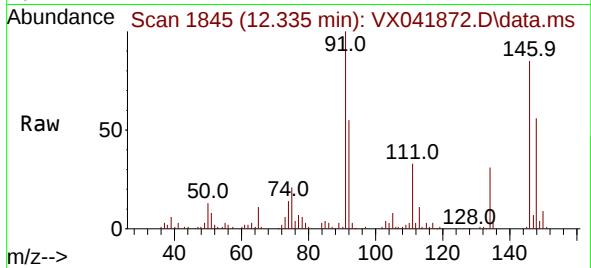
Tgt Ion:146 Resp: 21522
Ion Ratio Lower Upper
146 100
111 35.0 17.4 52.3
148 63.5 32.3 96.9





#85
n-Butylbenzene
Concen: 3.918 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

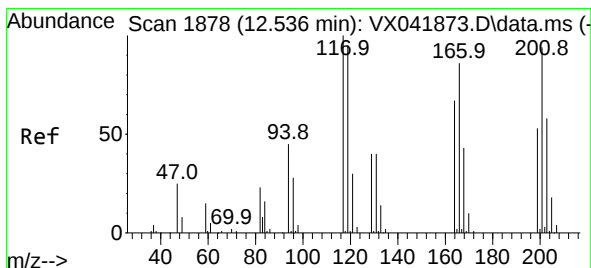
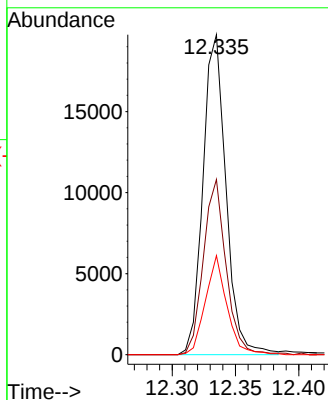
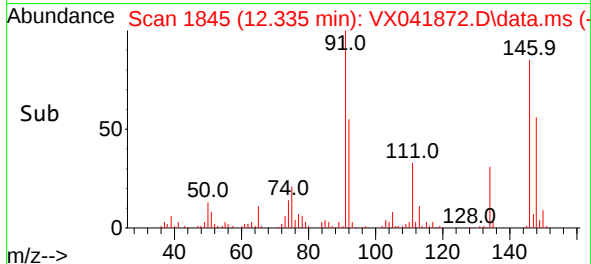
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 91 Resp: 2507
Ion Ratio Lower Upper
91 100
92 53.9 0.0 109.8
134 29.0 0.0 58.4

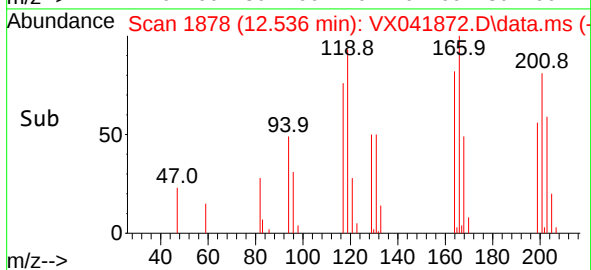
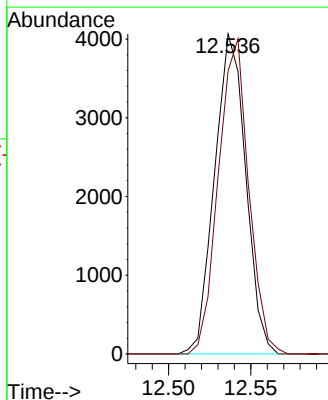
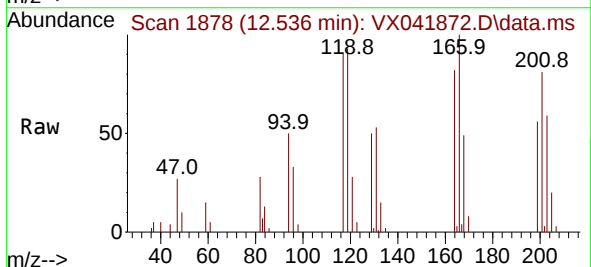
Manual Integrations
APPROVED

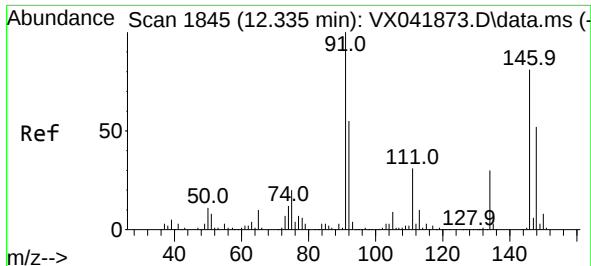
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#86
Hexachloroethane
Concen: 3.964 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

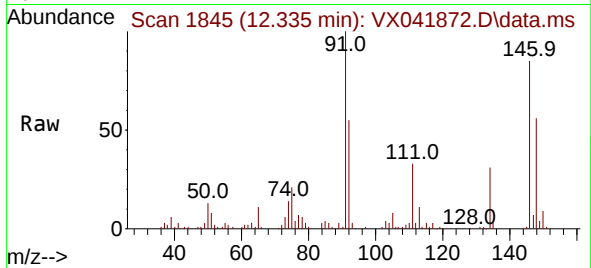
Tgt Ion:117 Resp: 5358
Ion Ratio Lower Upper
117 100
201 95.8 48.9 146.8





#87
1,2-Dichlorobenzene
Concen: 4.643 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

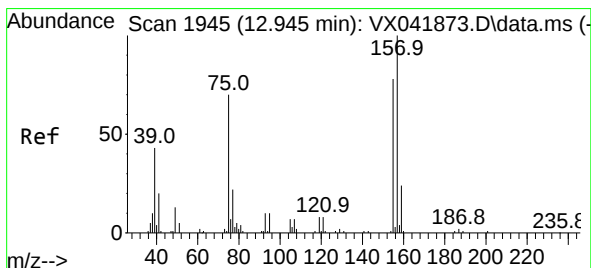
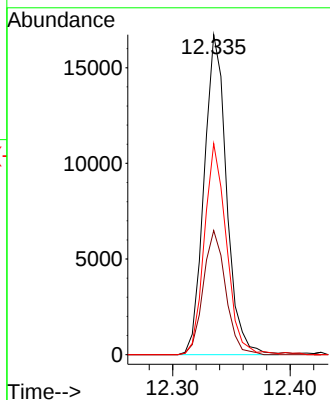
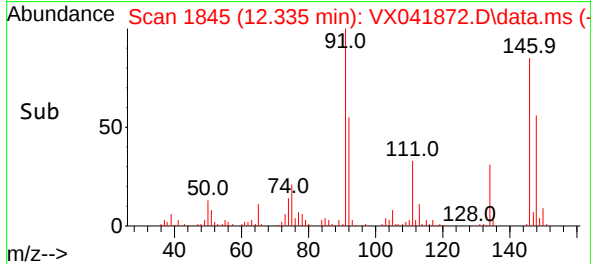
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



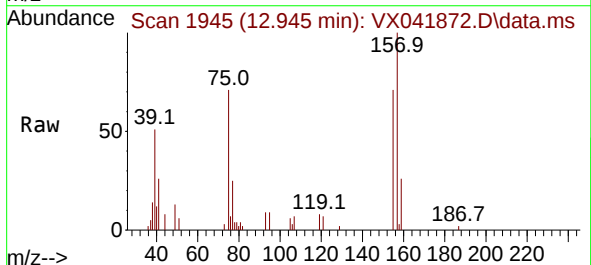
Tgt Ion:146 Resp: 22230
Ion Ratio Lower Upper
146 100
111 38.6 19.1 57.3
148 64.3 32.4 97.0

Manual Integrations
APPROVED

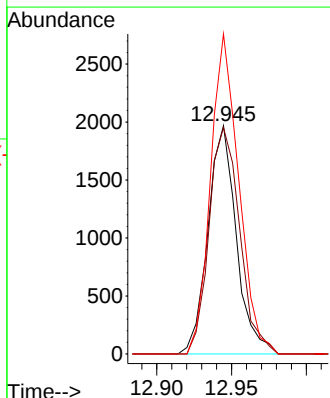
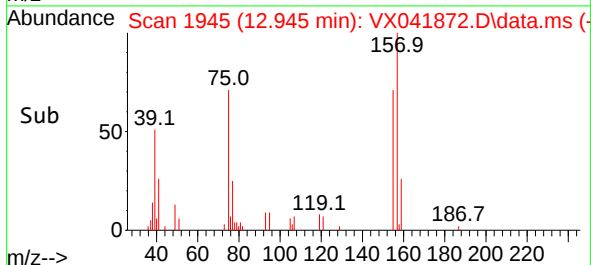
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

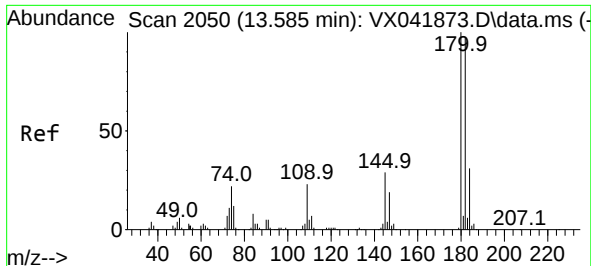


#88
1,2-Dibromo-3-Chloropropane
Concen: 3.995 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56



Tgt Ion: 75 Resp: 2604
Ion Ratio Lower Upper
75 100
155 106.7 88.6 133.0
157 138.7 112.8 169.2





#89

1,2,4-Trichlorobenzene

Concen: 4.134 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX041872.D

Acq: 14 Jun 2024 12:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

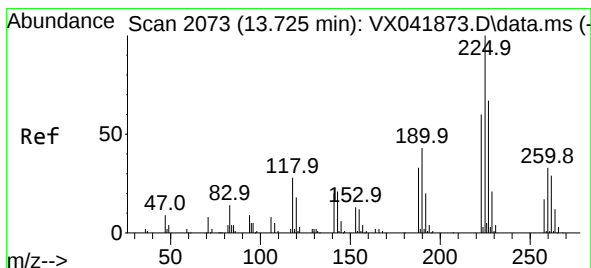
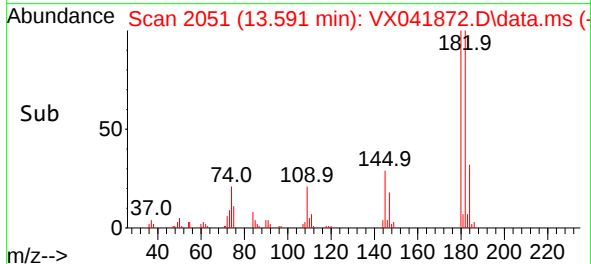
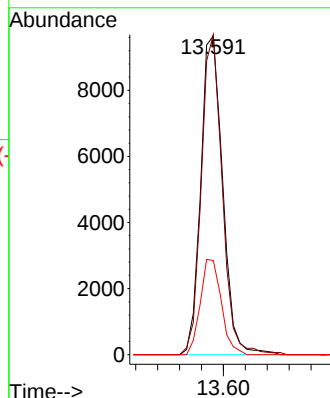
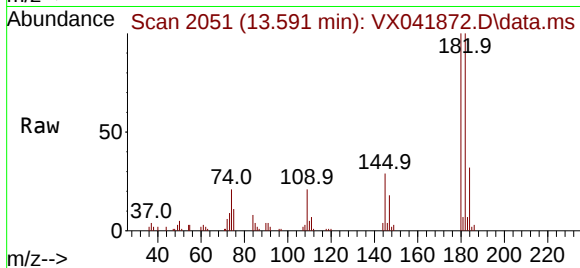
Tgt Ion:	180	Resp:	1340
Ion Ratio	Lower	Upper	
180	100		
182	95.4	76.9	115.3
145	28.6	22.8	34.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#90

Hexachlorobutadiene

Concen: 4.769 ug/l

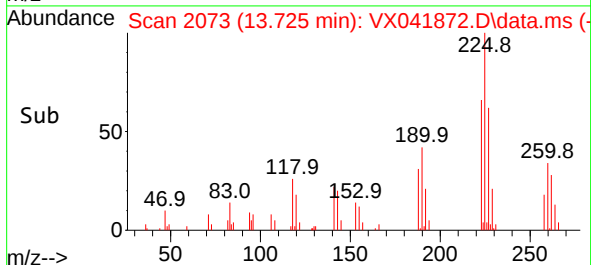
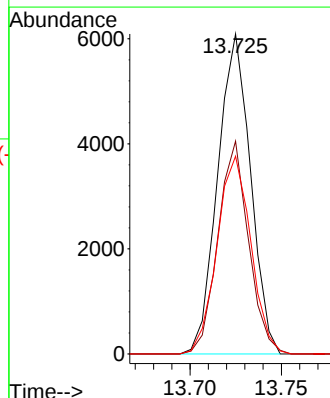
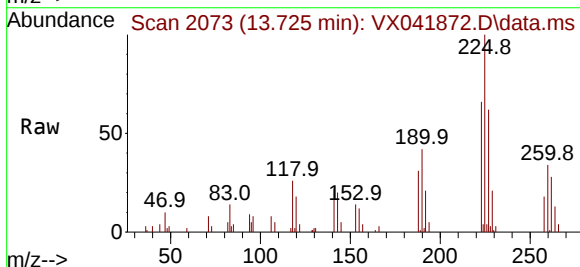
RT: 13.725 min Scan# 2073

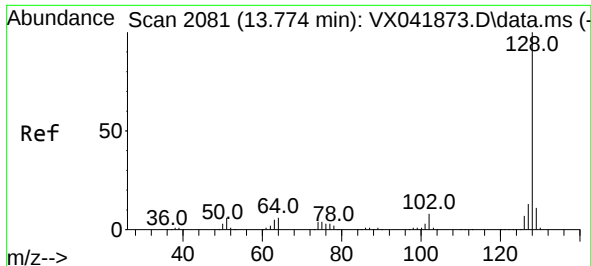
Delta R.T. -0.000 min

Lab File: VX041872.D

Acq: 14 Jun 2024 12:56

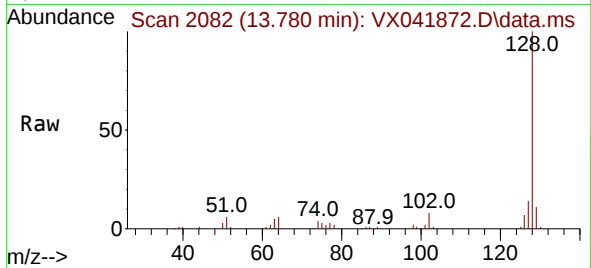
Tgt Ion:	225	Resp:	7619
Ion Ratio	Lower	Upper	
225	100		
223	62.2	0.0	120.8
227	63.7	0.0	126.6





#91
Naphthalene
Concen: 3.954 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

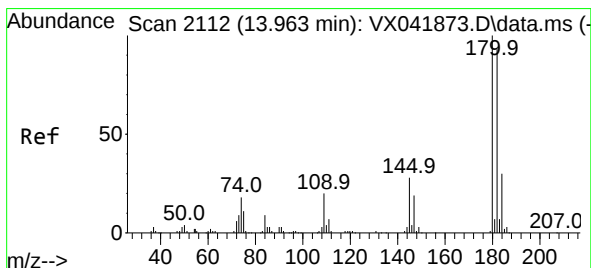
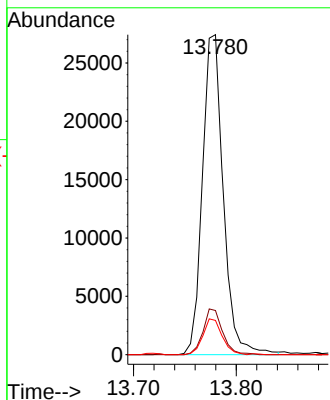
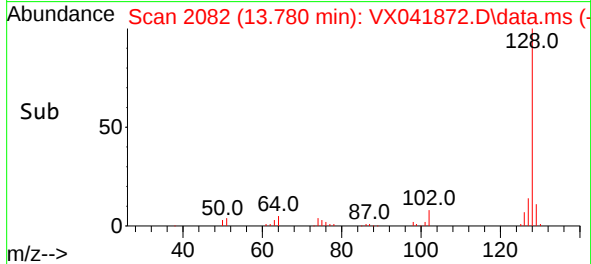
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:128 Resp: 3872
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.3 8.7 13.1

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 4.304 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX041872.D
Acq: 14 Jun 2024 12:56

Tgt Ion:180 Resp: 14452
Ion Ratio Lower Upper
180 100
182 96.2 0.0 187.8
145 29.4 0.0 58.4

