

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061424\
 Data File : VX041874.D
 Acq On : 14 Jun 2024 13:42
 Operator : JC/MD
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Manual Integrations
 APPROVED

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

Quant Time: Jun 15 03:39:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 03:37:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	31148	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	182423	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	171140	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	65326	30.466	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.567%			
60) 4-Bromofluorobenzene	11.079	95	81019	30.583	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.933%			
63) Toluene-d8	8.647	98	219116	29.926	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.767%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	100921	50.053	ug/l	97
3) Chloromethane	1.301	50	112654	49.982	ug/l	99
4) Vinyl Chloride	1.374	62	110357	50.068	ug/l	99
5) Bromomethane	1.599	94	57948	49.181	ug/l	99
6) Chloroethane	1.666	64	48078	51.054	ug/l	99
7) Trichlorofluoromethane	1.868	101	133684	48.160	ug/l	97
8) Diethyl Ether	2.136	74	58635	48.809	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	91693	48.590	ug/l	99
10) 1,1-Dichloroethene	2.307	96	93223	48.972	ug/l	97
11) Methyl Iodide	2.441	142	128813	51.992	ug/l	99
12) Methyl Acetate	2.709	43	119435	49.212	ug/l	99
13) Acrolein	2.239	56	118803	242.773	ug/l	99
14) Acrylonitrile	3.069	53	289942	251.705	ug/l	99
15) Acetone	2.392	58	79540	241.379	ug/l	94
16) Carbon Disulfide	2.502	76	207913	49.838	ug/l	100
17) Allyl chloride	2.660	41	146943	50.827	ug/l	98
18) Methylene Chloride	2.788	84	105699	48.409	ug/l	97
19) trans-1,2-Dichloroethene	3.087	96	94124	49.359	ug/l	99
20) Diisopropyl ether	3.770	45	295730	49.766	ug/l	95
21) 1,1-Dichloroethane	3.605	63	167665	49.395	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	114865	49.761	ug/l	99
23) tert-Butyl Alcohol	3.002	59	108024	239.069	ug/l #	100
24) Methyl tert-Butyl Ether	3.123	73	291079	49.432	ug/l	99
25) Chloroform	5.093	83	168464	48.835	ug/l	99
26) Cyclohexane	5.465	56	146243	49.604	ug/l #	99
29) 1,1-Dichloropropene	5.690	75	116573	48.961	ug/l	98
30) 2-Butanone	4.568	43	399472	251.102	ug/l	100
31) 2,2-Dichloropropane	4.471	77	127830	48.999	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	147866	49.016	ug/l	99
33) Carbon Tetrachloride	5.672	117	128574	49.395	ug/l	99
34) Benzene	6.038	78	386060	48.675	ug/l	99
35) Methacrylonitrile	4.928	41	81586	51.058	ug/l	96
36) 1,2-Dichloroethane	6.086	62	121052	48.992	ug/l	100
37) Trichloroethene	7.123	130	105294	48.602	ug/l	99
38) Methylcyclohexane	7.379	83	154796	49.084	ug/l	97
39) 1,2-Dichloropropane	7.428	63	94239	49.880	ug/l	96
40) Dibromomethane	7.580	93	68209	48.804	ug/l	99
41) Bromodichloromethane	7.824	83	124314	49.649	ug/l	99
42) Vinyl Acetate	3.721	43	1340398	251.717	ug/l	100

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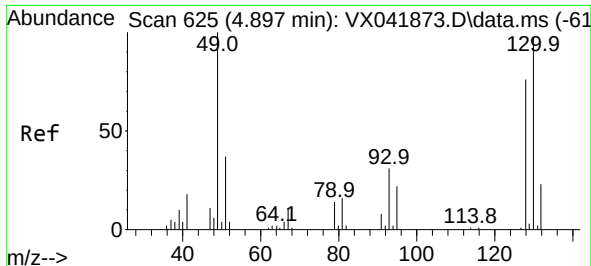
Manual Integrations
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Reviewed By : John Carlone 06/17/2024
 Supervised By : Mahesh Dadoda 06/17/2024

Quant Time: Jun 15 03:39:42 2024
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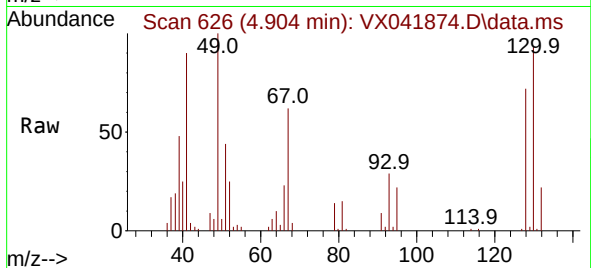
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	150824	50.563	ug/l	100
44) Isopropyl Acetate	6.348	43	221771	49.638	ug/l	100
45) 1,4-Dioxane	7.665	88	52987m	956.593	ug/l	
46) Methyl methacrylate	7.696	41	110183	50.440	ug/l	99
47) n-amyl Acetate	10.842	43	204683	51.047	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	129362	50.179	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	145899	50.453	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	100761	49.582	ug/l	99
51) Ethyl methacrylate	9.116	69	162333	50.284	ug/l	100
52) 1,3-Dichloropropane	9.305	76	163351	49.168	ug/l	99
53) Dibromochloromethane	9.519	129	112760	50.703	ug/l	99
54) 1,2-Dibromoethane	9.610	107	107027	49.942	ug/l	100
55) 2-Chloroethyl vinyl ether	8.245	63	385678	256.664	ug/l	100
56) Bromoform	10.799	173	91587	50.505	ug/l	100
58) 4-Methyl-2-Pentanone	8.574	43	767921	250.407	ug/l	100
59) 2-Hexanone	9.433	43	599993	253.485	ug/l	99
61) Tetrachloroethene	9.275	164	103866	48.231	ug/l	99
62) Toluene	8.720	91	420347	48.537	ug/l	100
64) Chlorobenzene	10.080	112	287448	48.742	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	100989	49.584	ug/l	98
66) Ethyl Benzene	10.195	91	469649	49.603	ug/l	99
67) m/p-Xylenes	10.299	106	381039	100.052	ug/l	96
68) o-Xylene	10.640	106	188692	49.695	ug/l	98
69) Styrene	10.653	104	322458	50.820	ug/l	99
70) Isopropylbenzene	10.964	105	477852	50.053	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	164021	49.643	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	132463m	46.773	ug/l	
73) Bromobenzene	11.195	156	136045	48.854	ug/l	99
74) n-propylbenzene	11.305	91	528503	50.394	ug/l	100
75) 2-Chlorotoluene	11.366	91	330727	49.663	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	398020	49.764	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	51961	52.486	ug/l	86
78) 4-Chlorotoluene	11.451	91	370323	50.058	ug/l	100
79) tert-butylbenzene	11.713	119	425324	50.098	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	403469	50.494	ug/l	99
81) sec-Butylbenzene	11.890	105	496370	50.127	ug/l	100
82) p-Isopropyltoluene	12.006	119	438944	50.585	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	245038	49.351	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	244563	49.483	ug/l	100
85) n-Butylbenzene	12.329	91	342720	51.075	ug/l	100
86) Hexachloroethane	12.536	117	70770	49.940	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	247583	49.305	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	34979	51.183	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	169387	49.832	ug/l	99
90) Hexachlorobutadiene	13.725	225	81667	48.757	ug/l	98
91) Naphthalene	13.774	128	524390	51.057	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	173643	49.326	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

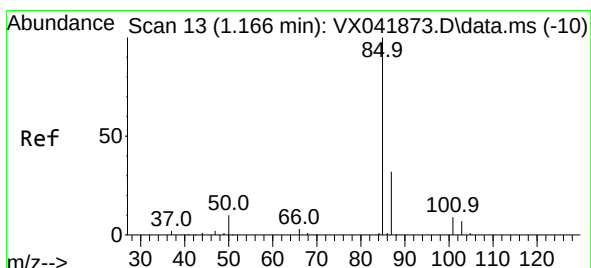
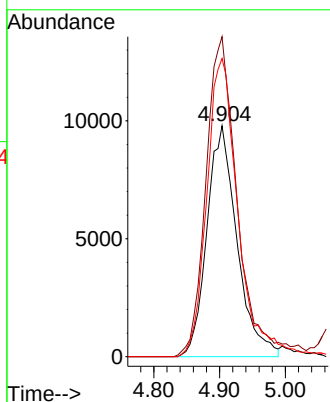
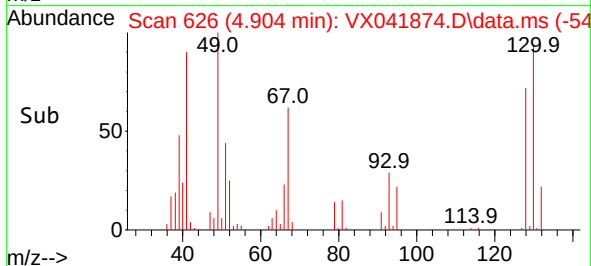
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:128 Resp: 31148
Ion Ratio Lower Upper
128 100
49 143.6 0.0 338.5
130 133.9 0.0 324.5

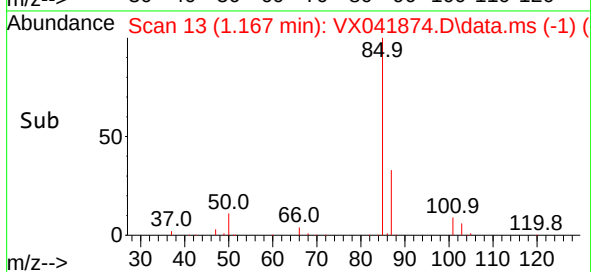
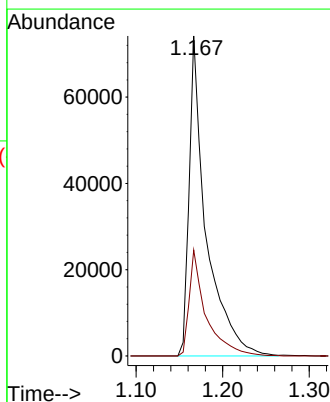
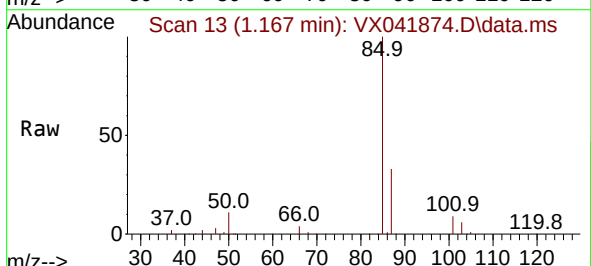
Manual Integrations
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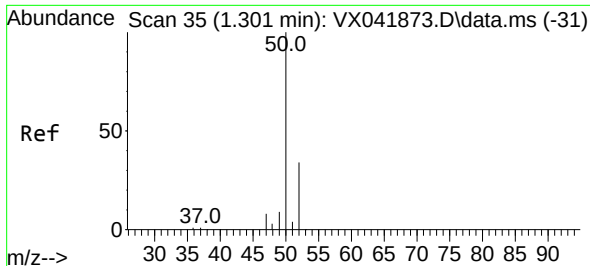
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#2
Dichlorodifluoromethane
Concen: 50.053 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

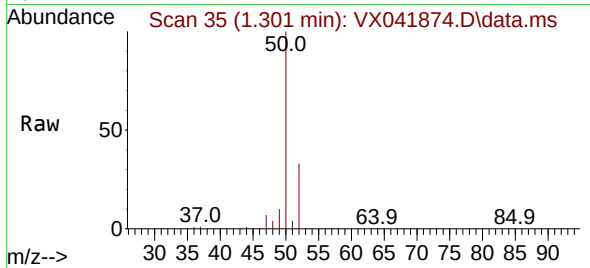
Tgt Ion: 85 Resp: 100921
Ion Ratio Lower Upper
85 100
87 33.1 15.8 47.3





#3
Chloromethane
Concen: 49.982 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

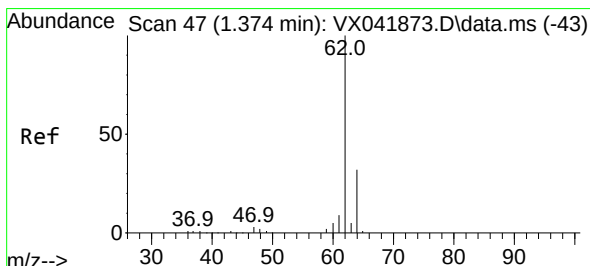
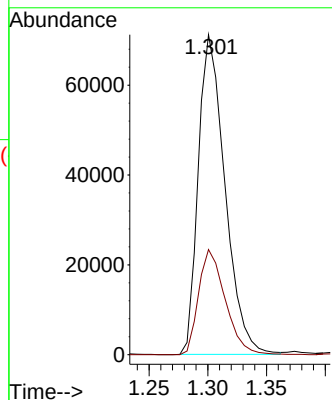
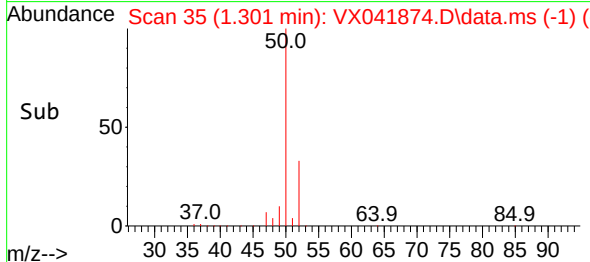
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 50 Resp: 112654
Ion Ratio Lower Upper
50 100
52 32.9 26.9 40.3

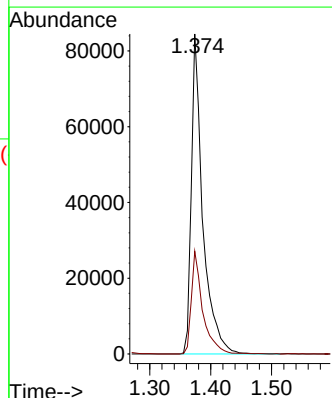
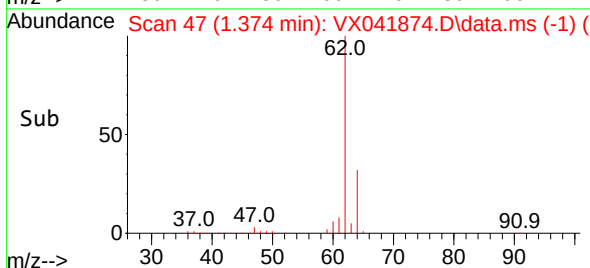
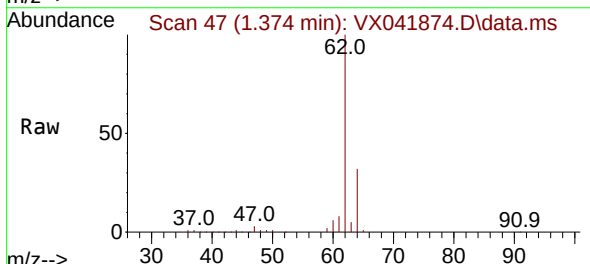
Manual Integrations
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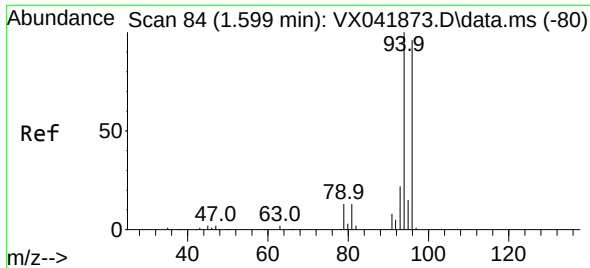
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#4
Vinyl Chloride
Concen: 50.068 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

Tgt Ion: 62 Resp: 110357
Ion Ratio Lower Upper
62 100
64 32.1 26.1 39.1





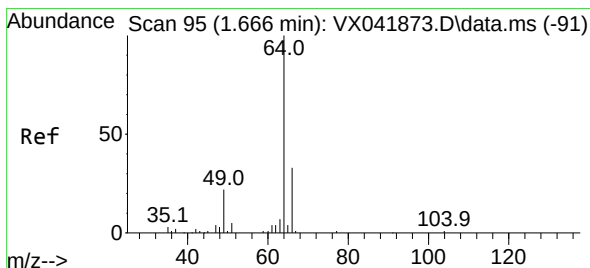
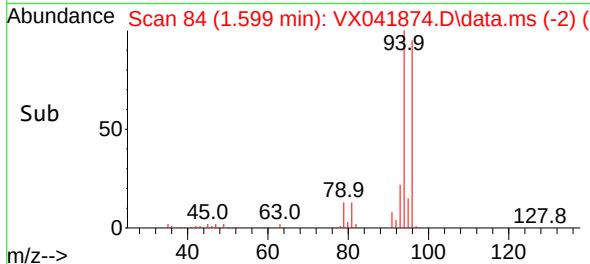
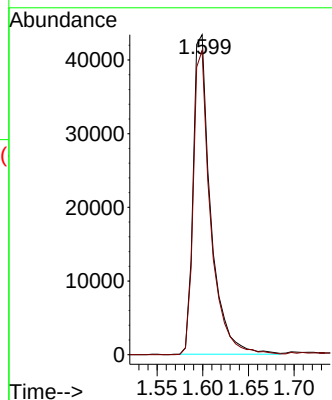
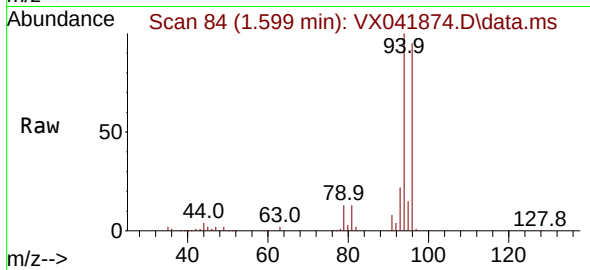
#5
Bromomethane
Concen: 49.181 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 94 Resp: 57948
Ion Ratio Lower Upper
94 100
96 95.0 76.6 115.0

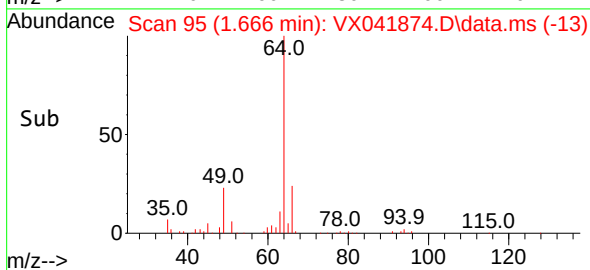
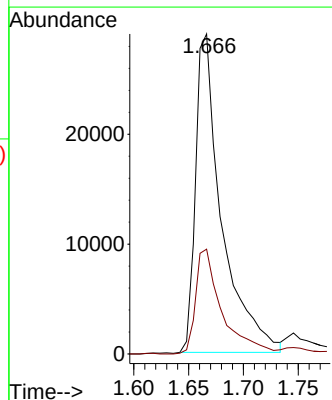
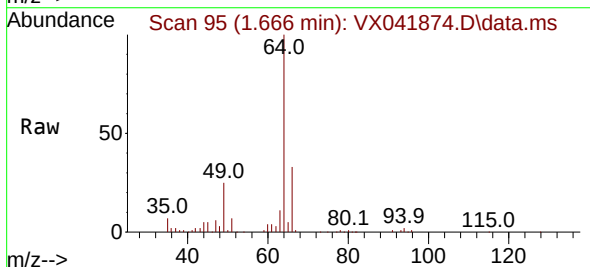
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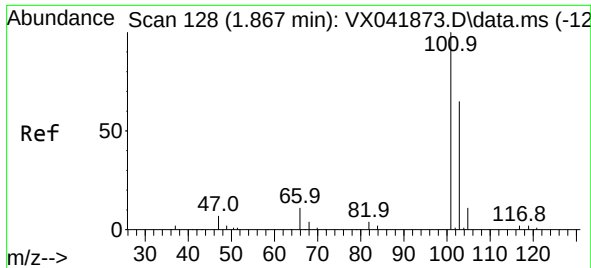
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#6
Chloroethane
Concen: 51.054 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

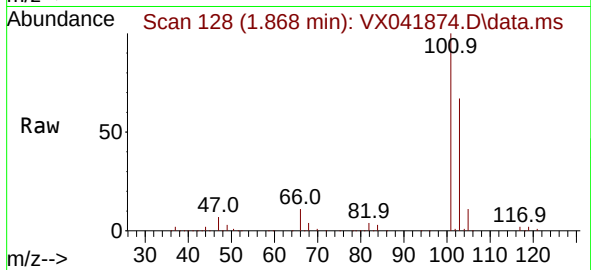
Tgt Ion: 64 Resp: 48078
Ion Ratio Lower Upper
64 100
66 32.7 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 48.160 ug/l
 RT: 1.868 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX041874.D
 Acq: 14 Jun 2024 13:42

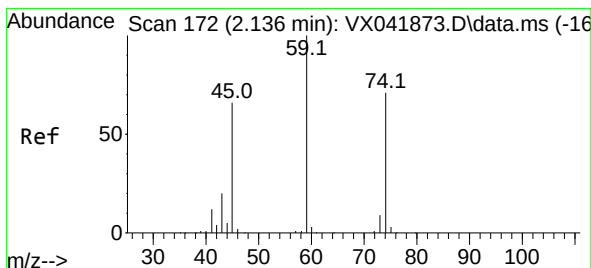
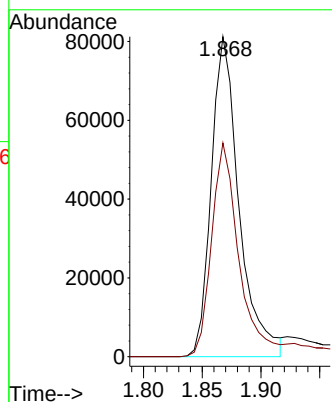
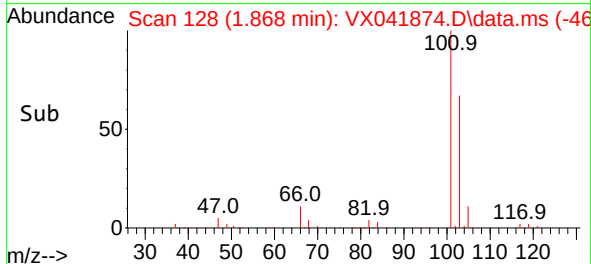
Instrument :
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 VSTDIC050



Tgt Ion:101 Resp: 133684
 Ion Ratio Lower Upper
 101 100
 103 66.8 51.8 77.8

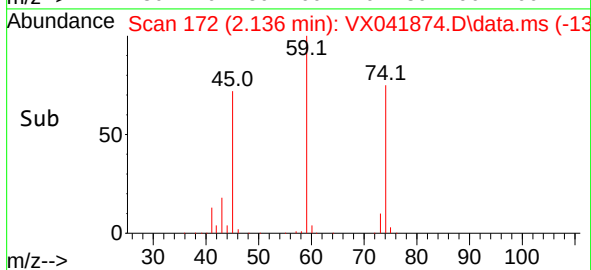
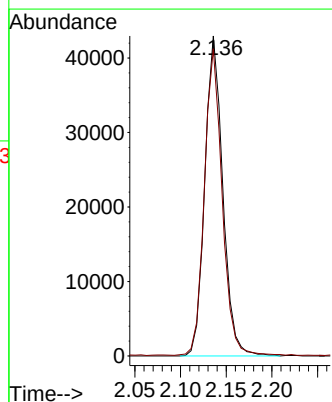
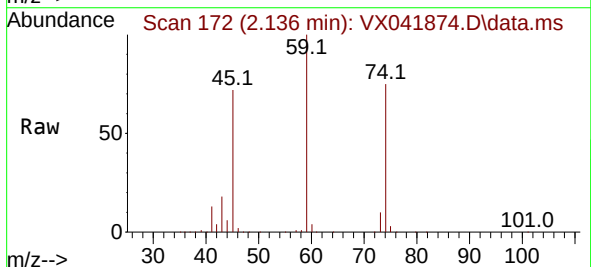
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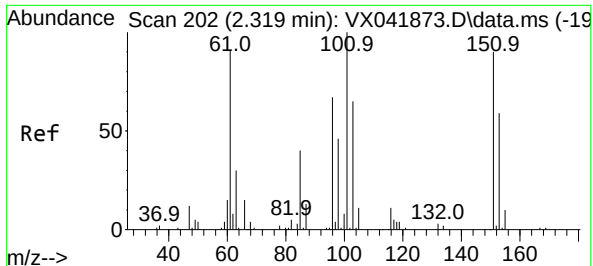
Reviewed By :John Carlone 06/17/2024
 Supervised By :Mahesh Dadoda 06/17/2024



#8
 Diethyl Ether
 Concen: 48.809 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX041874.D
 Acq: 14 Jun 2024 13:42

Tgt Ion: 74 Resp: 58635
 Ion Ratio Lower Upper
 74 100
 45 94.8 18.7 168.7





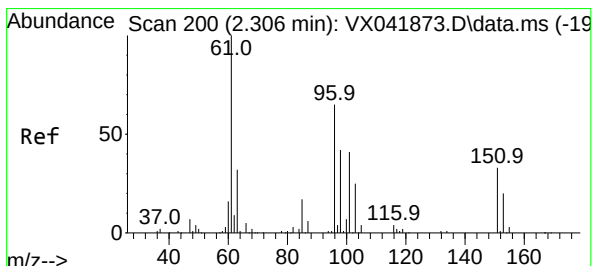
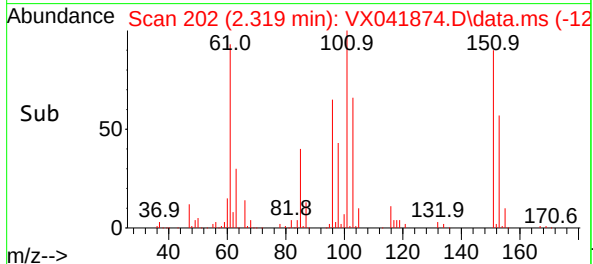
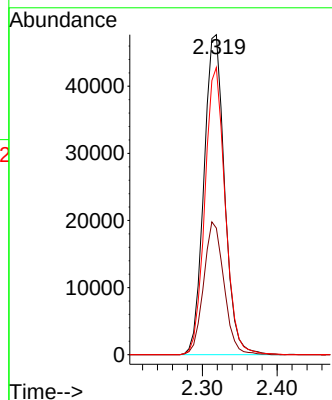
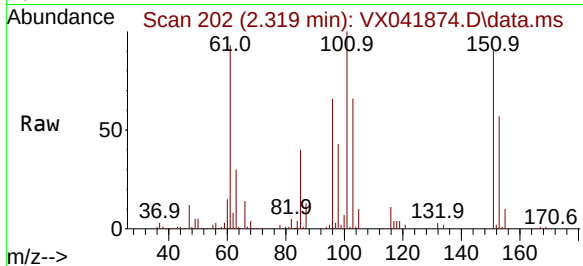
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.590 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:101 Resp: 9169
Ion Ratio Lower Upper
101 100
85 40.9 0.0 80.4
151 88.2 0.0 175.2

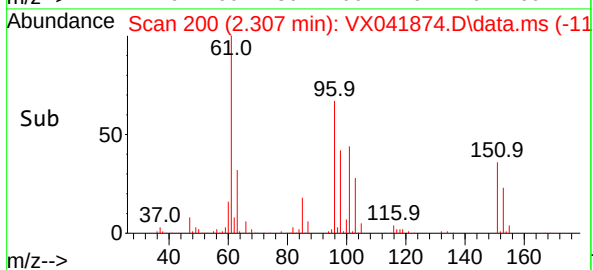
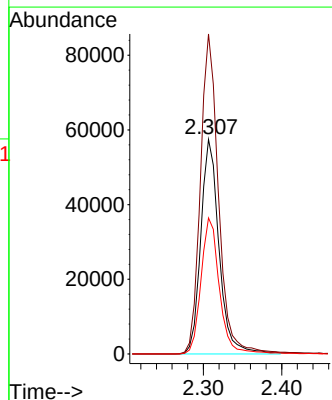
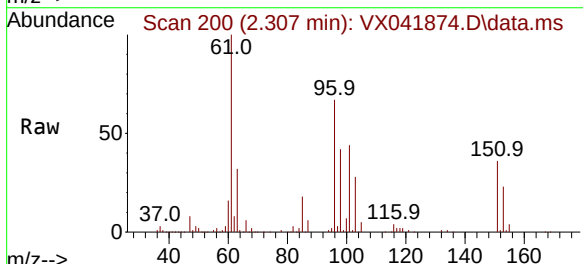
Manual Integrations
APPROVED

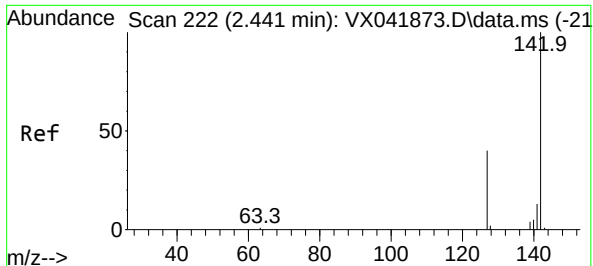
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#10
1,1-Dichloroethene
Concen: 48.972 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

Tgt Ion: 96 Resp: 93223
Ion Ratio Lower Upper
96 100
61 149.0 122.3 183.5
98 63.3 51.5 77.3





#11

Methyl Iodide

Concen: 51.992 ug/l

RT: 2.441 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX041874.D

Acq: 14 Jun 2024 13:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion:142 Resp: 12881

Ion Ratio Lower Upper

142 100

127 40.1 19.8 59.3

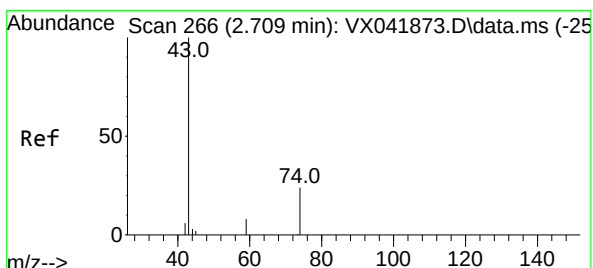
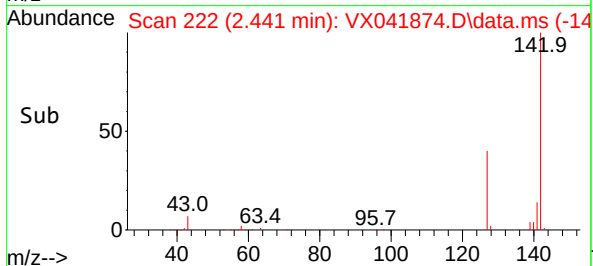
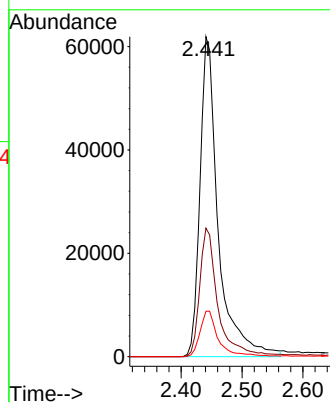
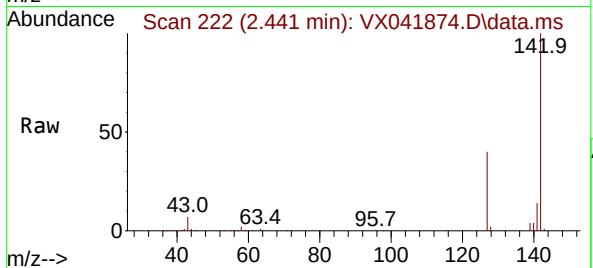
141 14.2 6.7 20.1

Manual Integrations

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Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#12

Methyl Acetate

Concen: 49.212 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX041874.D

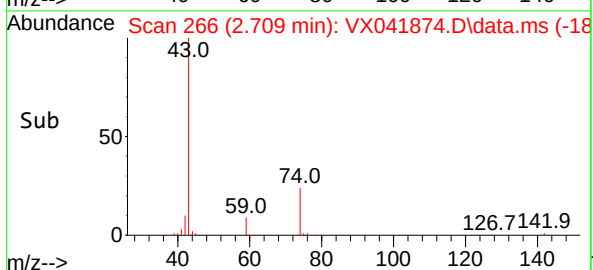
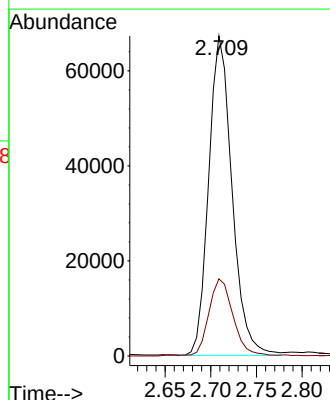
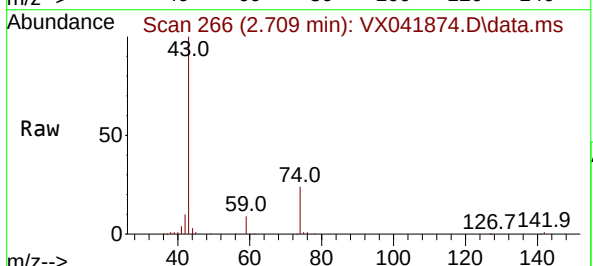
Acq: 14 Jun 2024 13:42

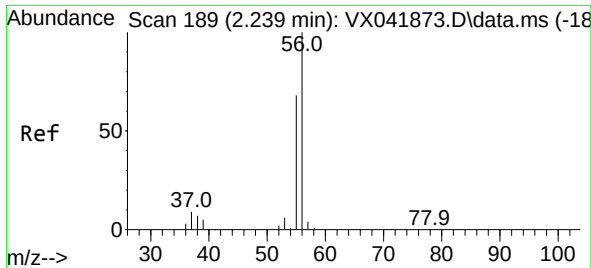
Tgt Ion: 43 Resp: 119435

Ion Ratio Lower Upper

43 100

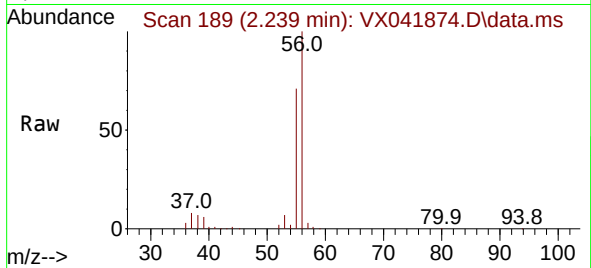
74 24.0 19.4 29.2





#13
Acrolein
Concen: 242.773 ug/l
RT: 2.239 min Scan# 11880
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

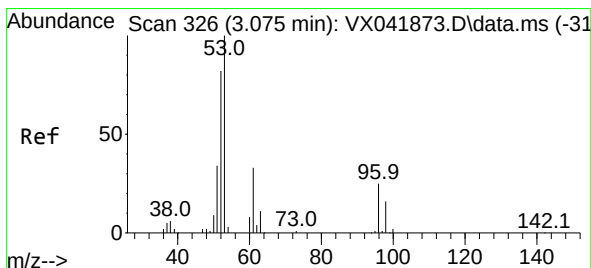
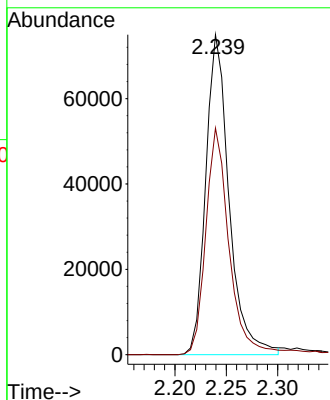
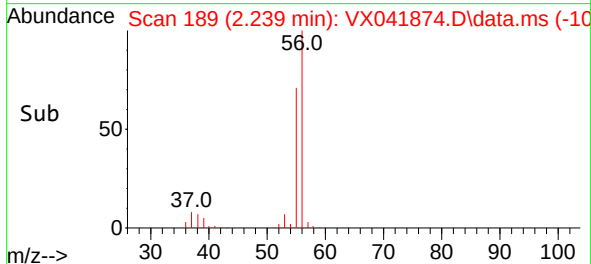
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



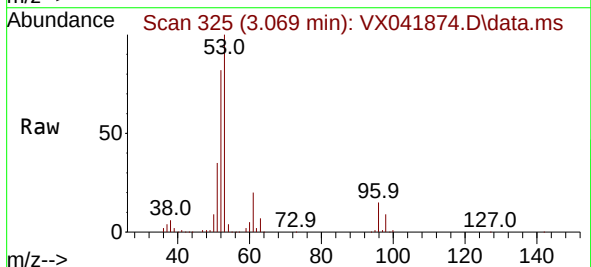
Tgt Ion: 56 Resp: 11880
Ion Ratio Lower Upper
56 100
55 70.2 55.4 83.0

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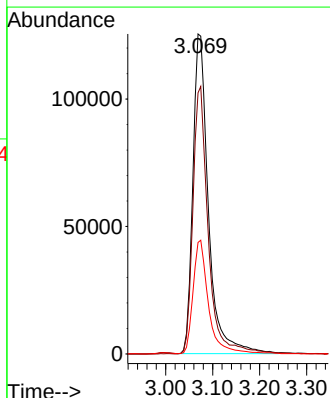
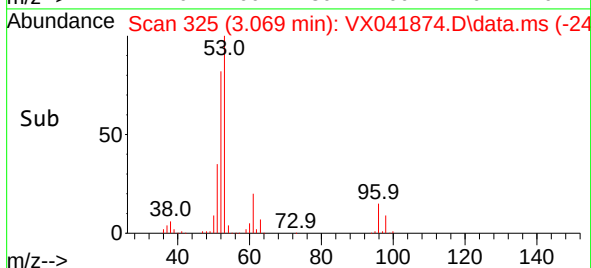
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

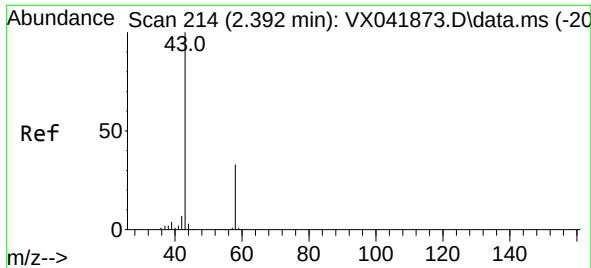


#14
Acrylonitrile
Concen: 251.705 ug/l
RT: 3.069 min Scan# 325
Delta R.T. -0.006 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42



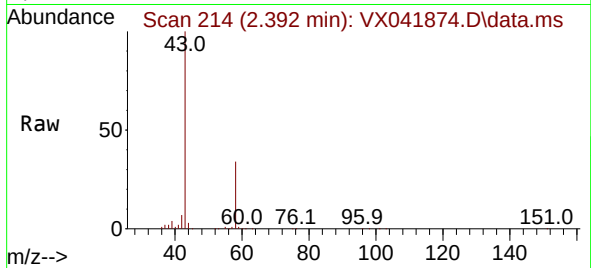
Tgt Ion: 53 Resp: 289942
Ion Ratio Lower Upper
53 100
52 79.0 39.9 119.7
51 34.9 17.4 52.3





#15
Acetone
Concen: 241.379 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

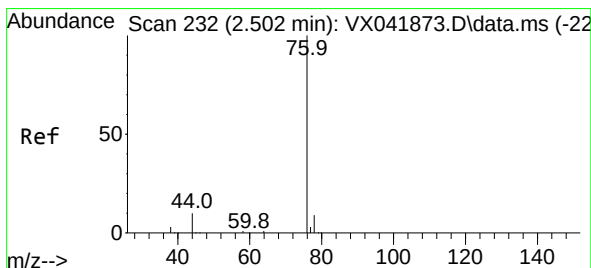
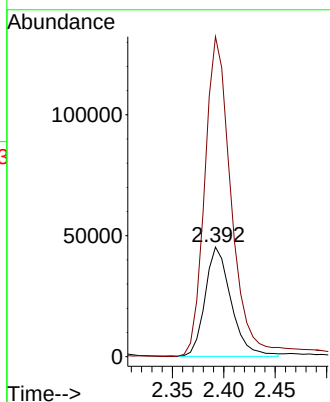
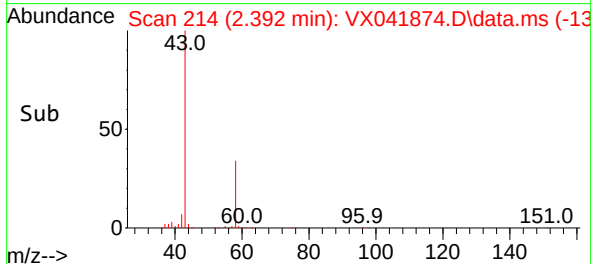
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



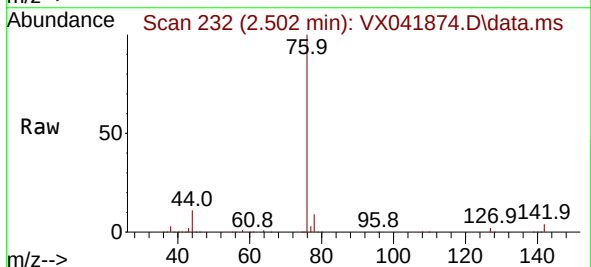
Tgt Ion: 58 Resp: 79540
Ion Ratio Lower Upper
58 100
43 292.1 243.4 365.2

Manual Integrations
APPROVED

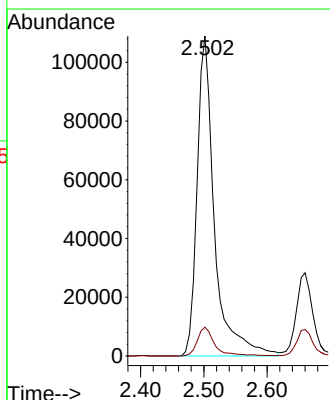
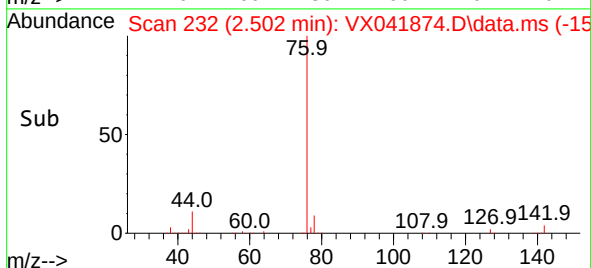
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

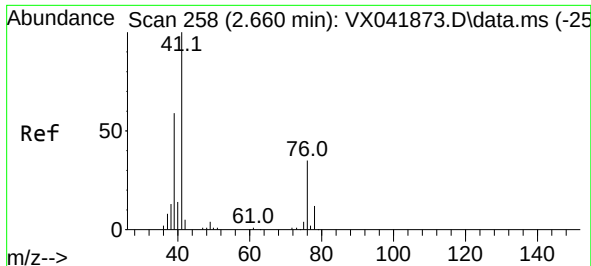


#16
Carbon Disulfide
Concen: 49.838 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42



Tgt Ion: 76 Resp: 207913
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9





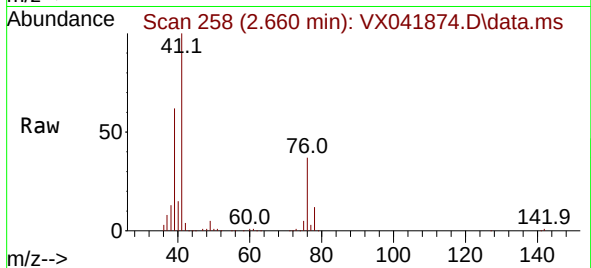
#17
 Allyl chloride
 Concen: 50.827 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. 0.000 min
 Lab File: VX041874.D
 Acq: 14 Jun 2024 13:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050



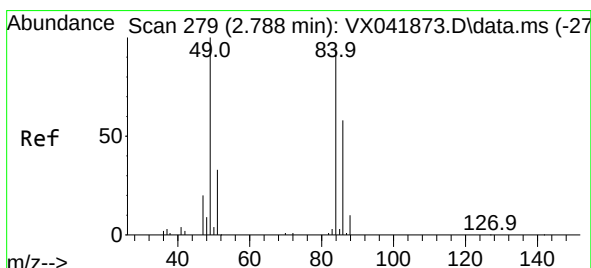
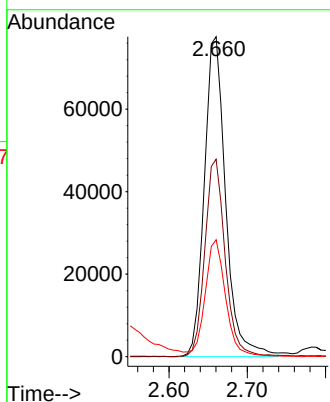
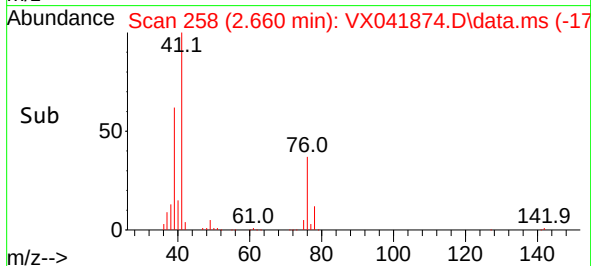
Tgt Ion: 41 Resp: 146943
 Ion Ratio Lower Upper
 41 100
 39 61.6 29.6 88.8
 76 36.3 18.1 54.4

Manual Integrations

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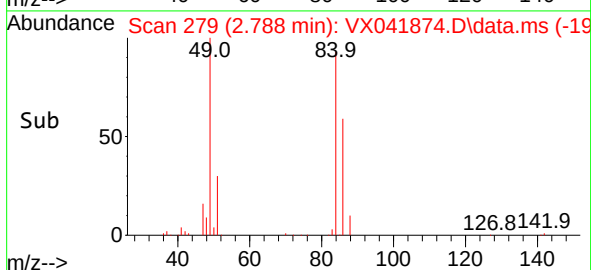
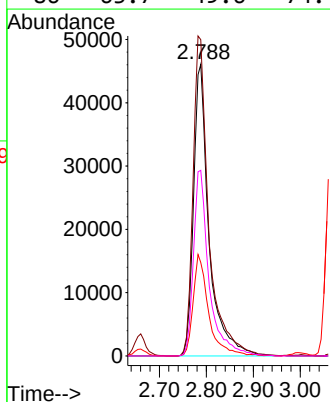
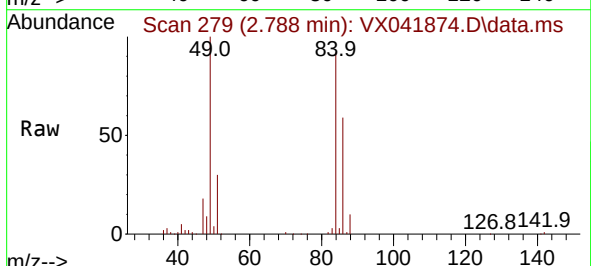
Reviewed By :John Carlone 06/17/2024

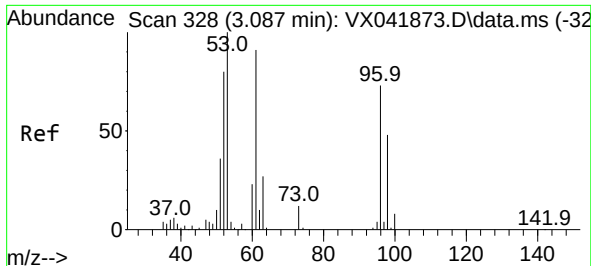
Supervised By :Mahesh Dadoda 06/17/2024



#18
 Methylene Chloride
 Concen: 48.409 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX041874.D
 Acq: 14 Jun 2024 13:42

Tgt Ion: 84 Resp: 105699
 Ion Ratio Lower Upper
 84 100
 49 108.5 85.3 127.9
 51 32.0 28.5 42.7
 86 63.7 49.6 74.4





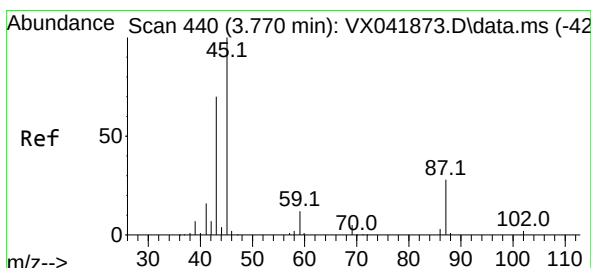
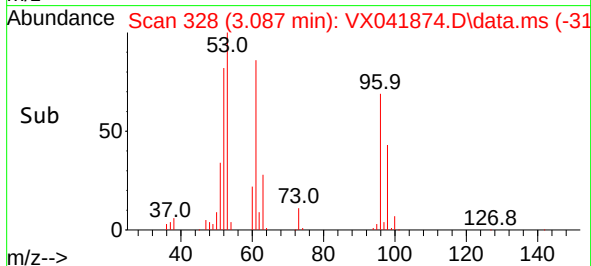
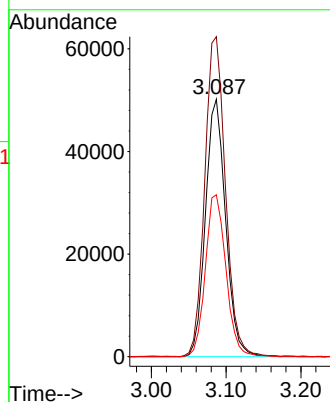
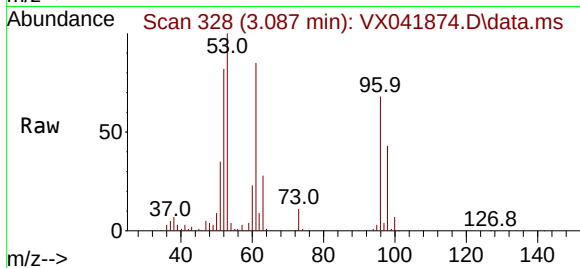
#19
trans-1,2-Dichloroethene
Concen: 49.359 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 96 Resp: 94124
Ion Ratio Lower Upper
96 100
61 124.3 100.1 150.1
98 62.9 52.1 78.1

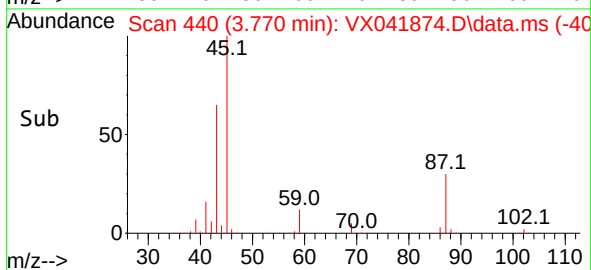
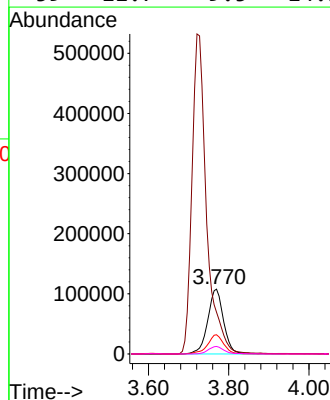
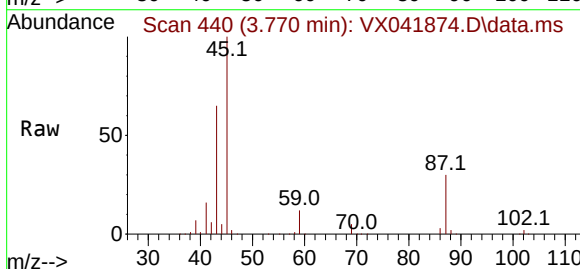
Manual Integrations
APPROVED

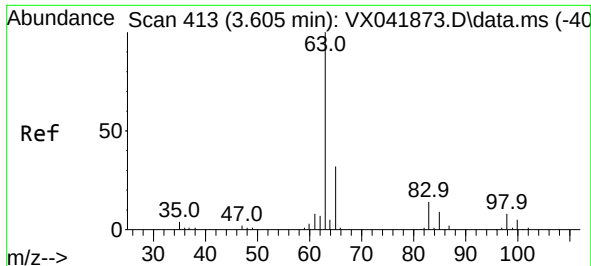
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#20
Diisopropyl ether
Concen: 49.766 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

Tgt Ion: 45 Resp: 295730
Ion Ratio Lower Upper
45 100
43 63.9 55.8 83.8
87 29.6 22.6 34.0
59 11.7 9.5 14.3





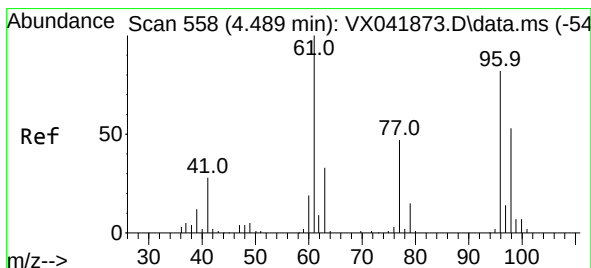
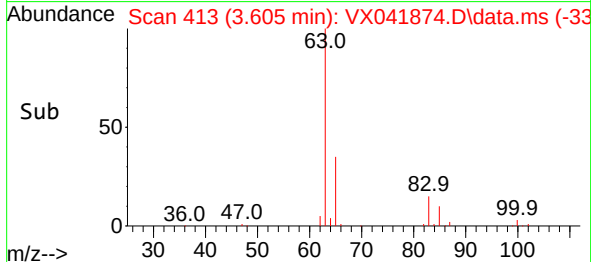
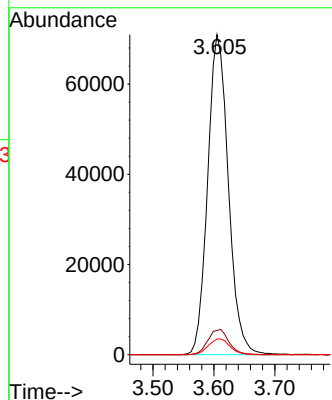
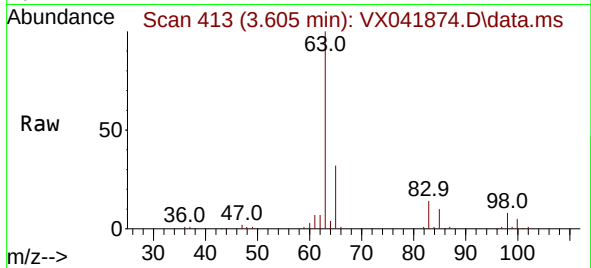
#21
 1,1-Dichloroethane
 Concen: 49.395 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX041874.D
 Acq: 14 Jun 2024 13:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tgt Ion: 63 Resp: 16766
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.2 12.4
 100 4.9 2.5 7.4

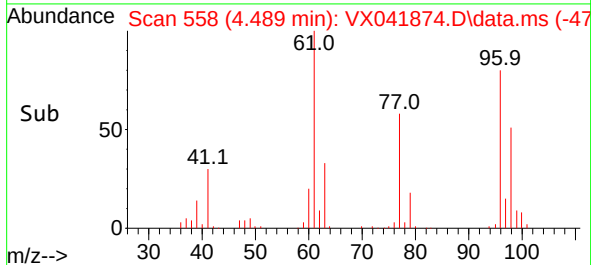
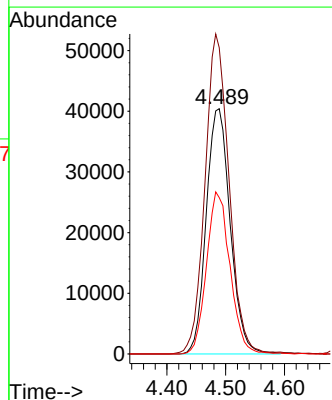
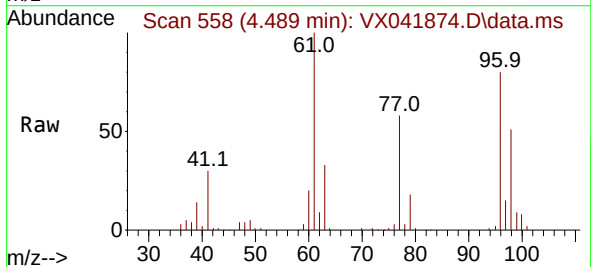
Manual Integrations
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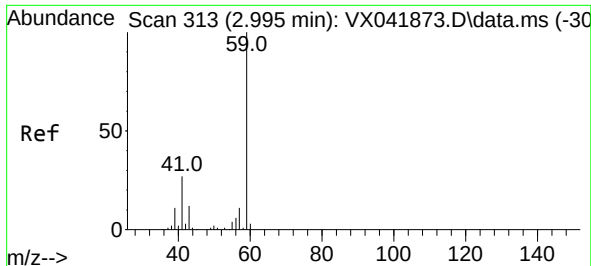
Reviewed By :John Carlone 06/17/2024
 Supervised By :Mahesh Dadoda 06/17/2024



#22
 cis-1,2-Dichloroethene
 Concen: 49.761 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX041874.D
 Acq: 14 Jun 2024 13:42

Tgt Ion: 96 Resp: 114865
 Ion Ratio Lower Upper
 96 100
 61 130.4 103.3 154.9
 98 64.5 52.2 78.2





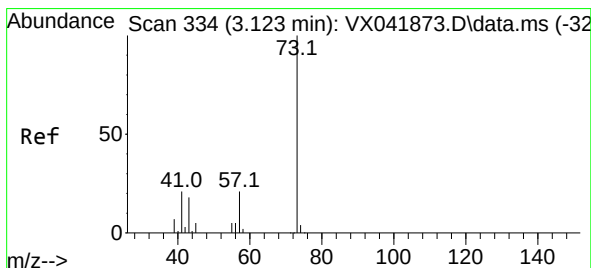
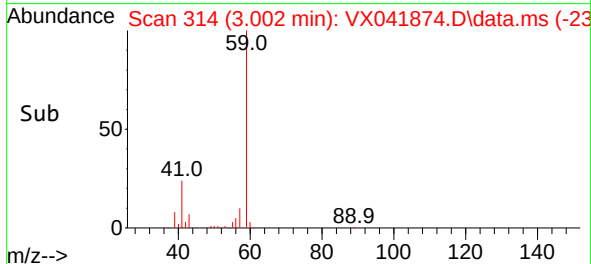
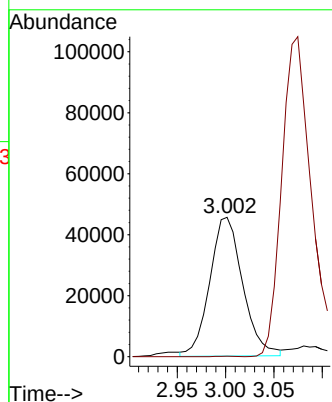
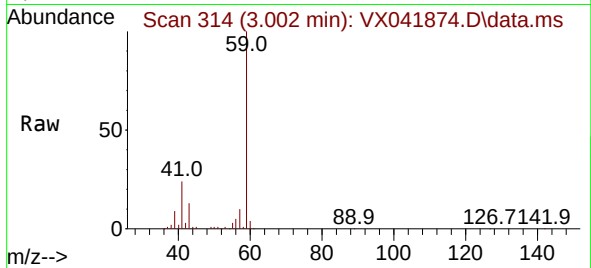
#23
tert-Butyl Alcohol
Concen: 239.069 ug/l
RT: 3.002 min Scan# 313
Delta R.T. 0.006 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 59 Resp: 108024
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0

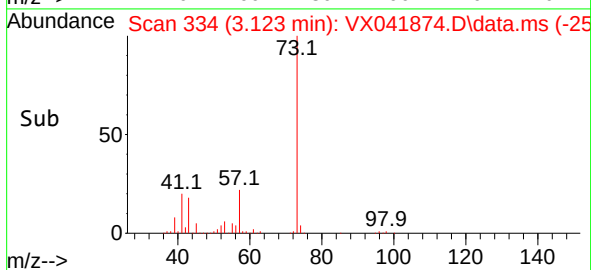
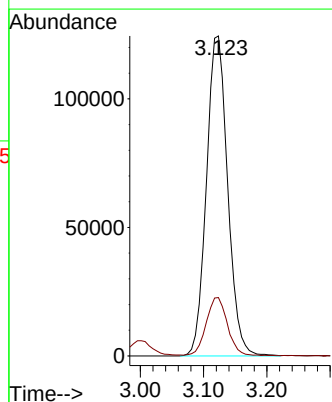
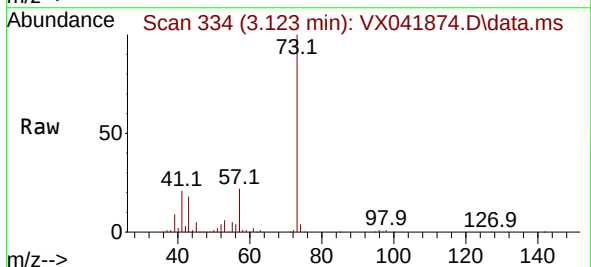
Manual Integrations
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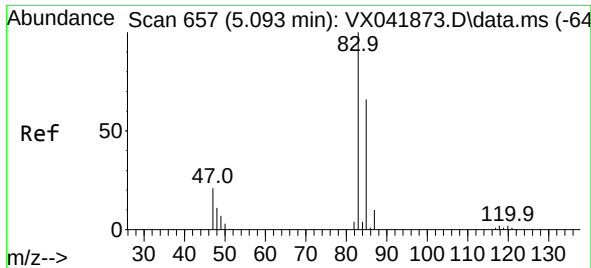
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#24
Methyl tert-Butyl Ether
Concen: 49.432 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

Tgt Ion: 73 Resp: 291079
Ion Ratio Lower Upper
73 100
43 18.3 15.1 22.7





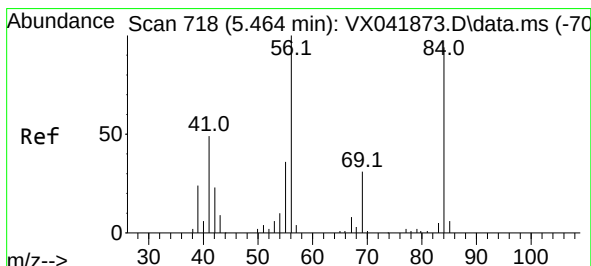
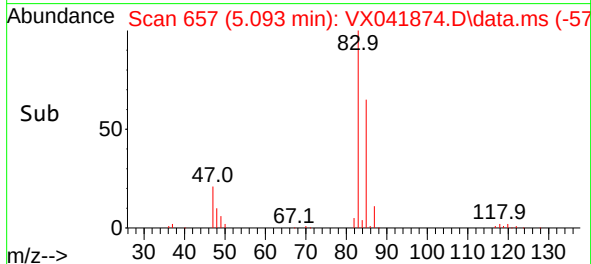
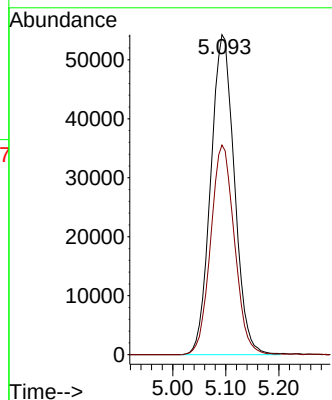
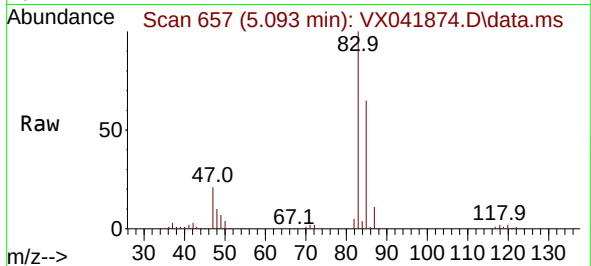
#25
Chloroform
Concen: 48.835 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 83 Resp: 168464
Ion Ratio Lower Upper
83 100
85 65.5 52.7 79.1

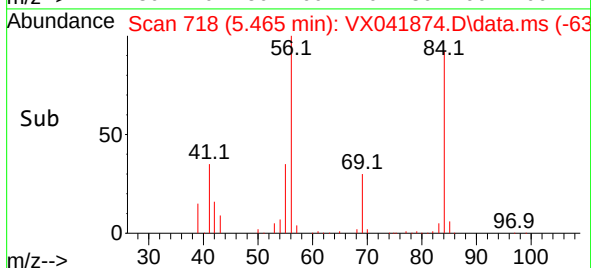
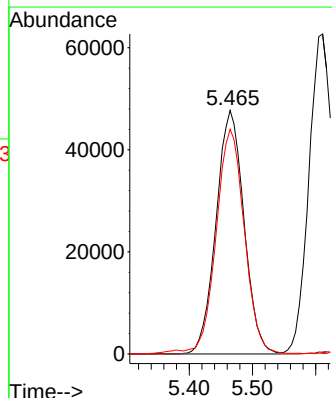
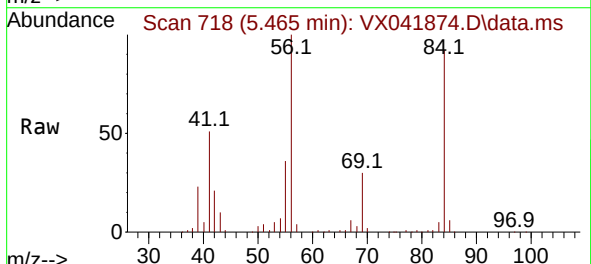
Manual Integrations
APPROVED

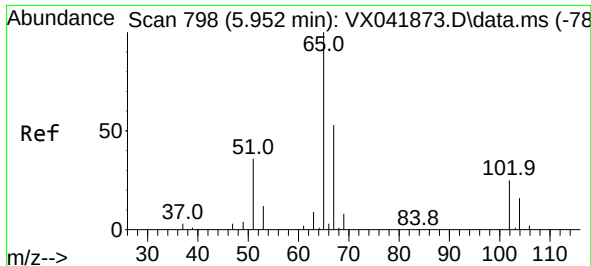
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#26
Cyclohexane
Concen: 49.604 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

Tgt Ion: 56 Resp: 146243
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 92.8 73.1 109.7





#27
1,2-Dichloroethane-d4
Concen: 30.466 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

Instrument :

MSVOA_X

ClientSampleId :

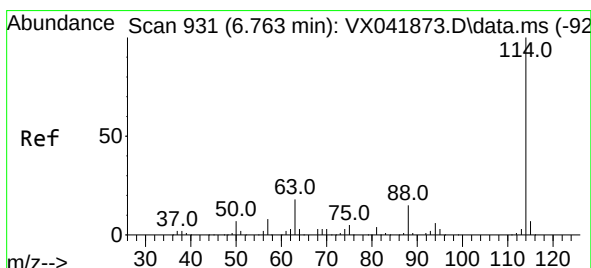
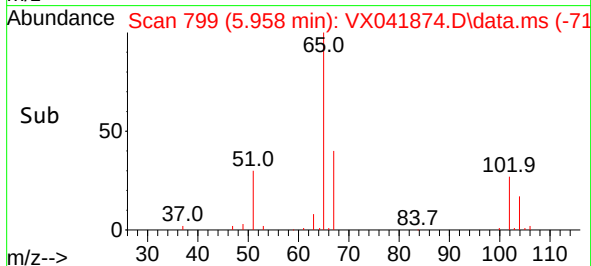
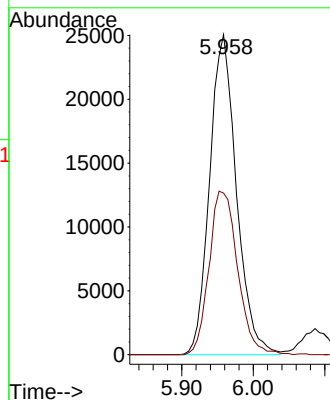
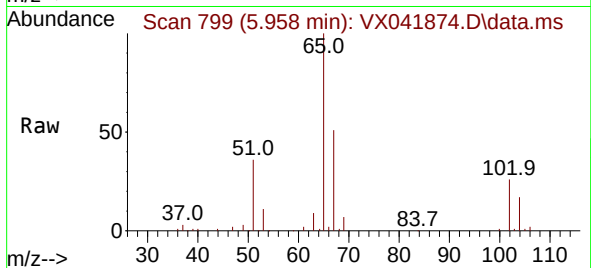
VSTDIC050

Tgt Ion: 65 Resp: 65320
Ion Ratio Lower Upper
65 100
67 54.1 43.4 65.0

Manual Integrations

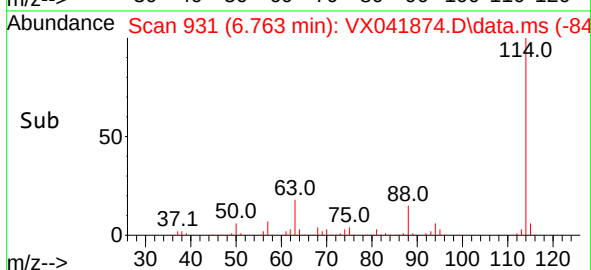
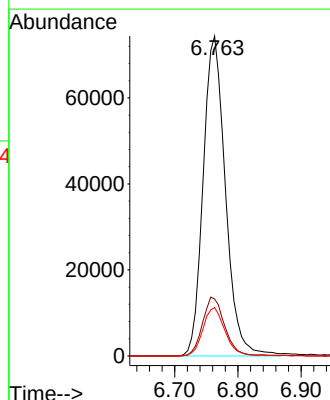
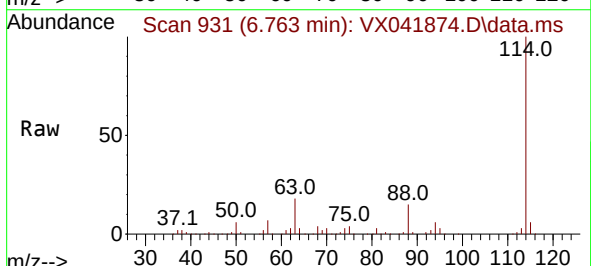
APPROVED

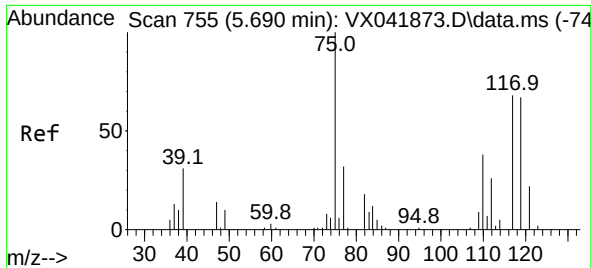
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

Tgt Ion:114 Resp: 182423
Ion Ratio Lower Upper
114 100
63 18.1 14.6 21.8
88 14.9 11.8 17.8





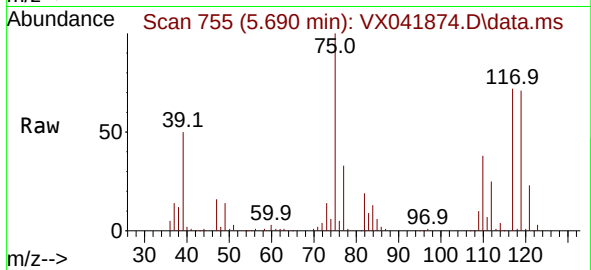
#29
1,1-Dichloropropene
Concen: 48.961 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050



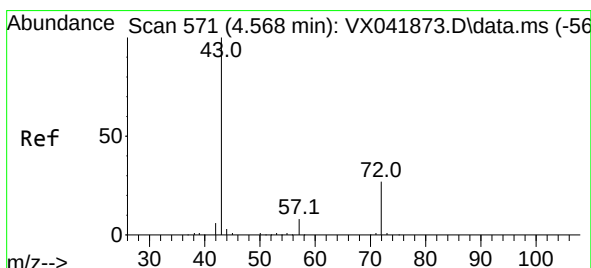
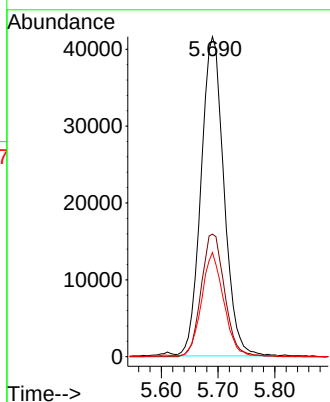
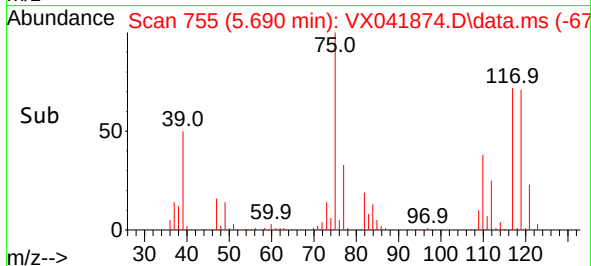
Tgt Ion: 75 Resp: 116572
Ion Ratio Lower Upper
75 100
110 39.1 0.0 80.2
77 30.9 0.0 65.2

Manual Integrations

APPROVED

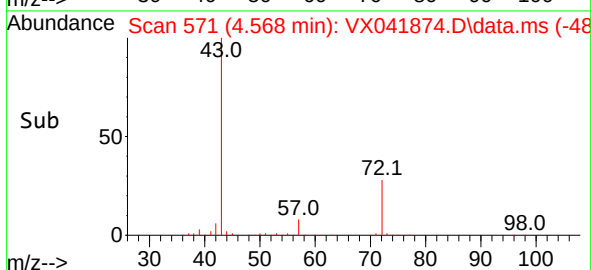
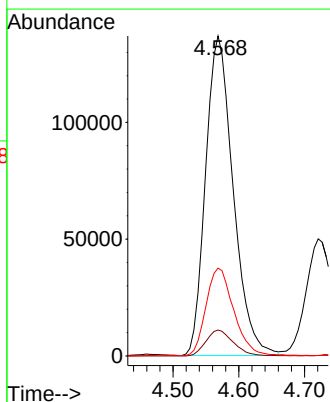
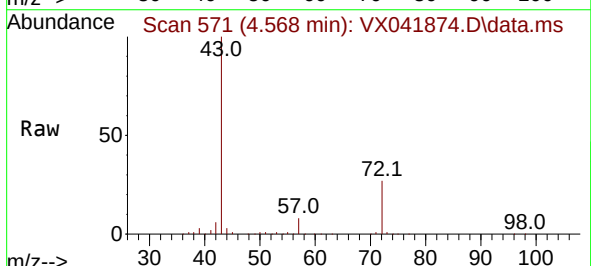
Reviewed By :John Carlone 06/17/2024

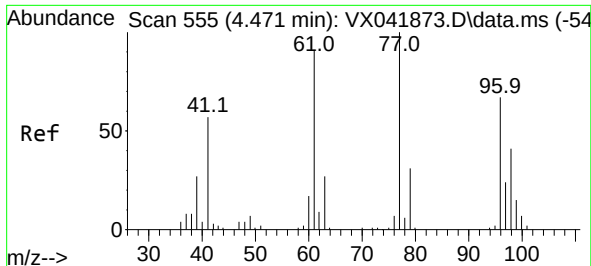
Supervised By :Mahesh Dadoda 06/17/2024



#30
2-Butanone
Concen: 251.102 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

Tgt Ion: 43 Resp: 399472
Ion Ratio Lower Upper
43 100
57 8.1 6.5 9.7
72 27.4 22.0 33.0





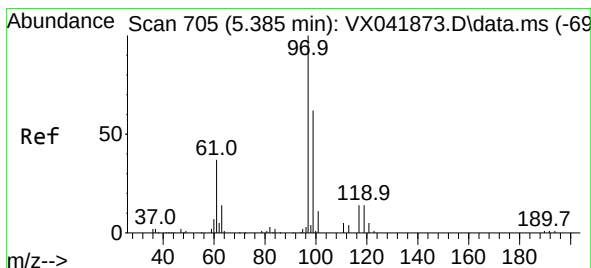
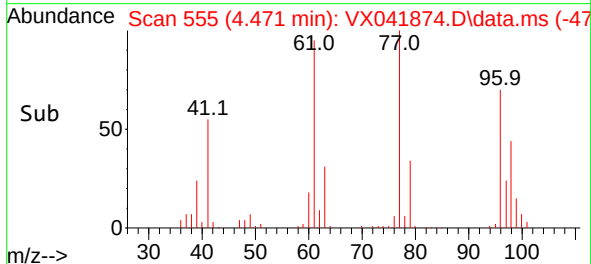
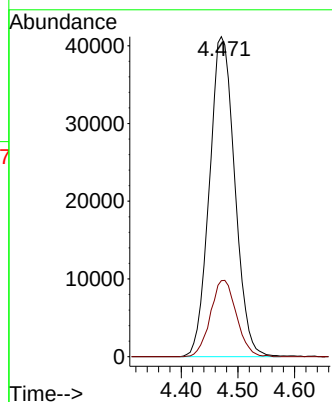
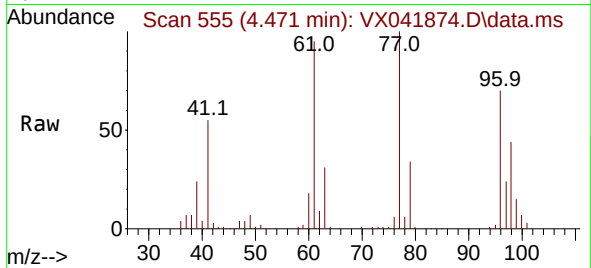
#31
2,2-Dichloropropane
Concen: 48.999 ug/l
RT: 4.471 min Scan# 511
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 77 Resp: 127830
Ion Ratio Lower Upper
77 100
97 24.4 20.2 30.2

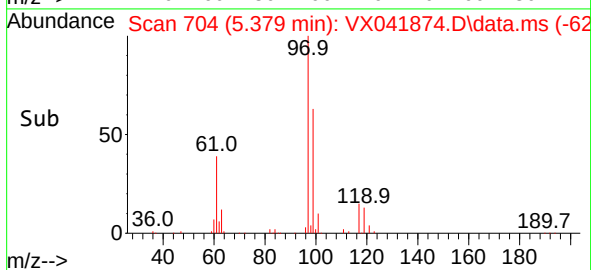
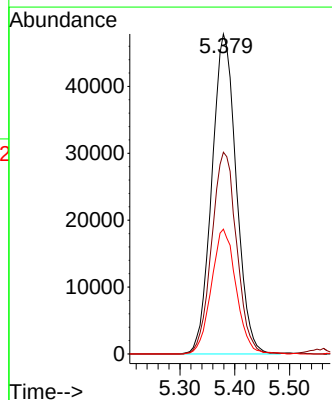
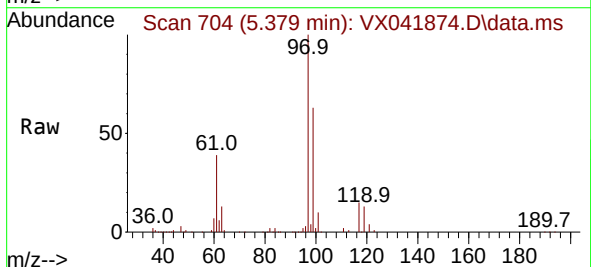
Manual Integrations
APPROVED

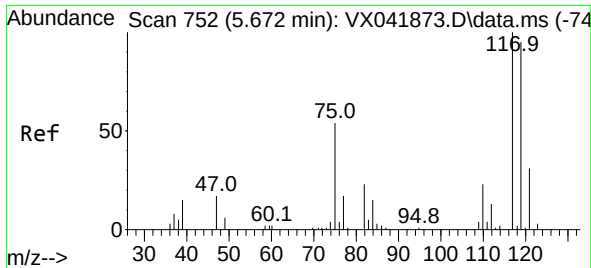
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#32
1,1,1-Trichloroethane
Concen: 49.016 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

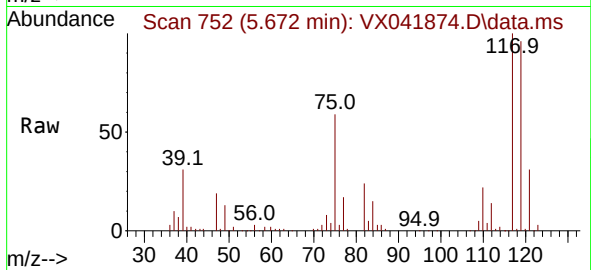
Tgt Ion: 97 Resp: 147866
Ion Ratio Lower Upper
97 100
99 64.4 52.0 78.0
61 39.4 31.7 47.5





#33
Carbon Tetrachloride
Concen: 49.395 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

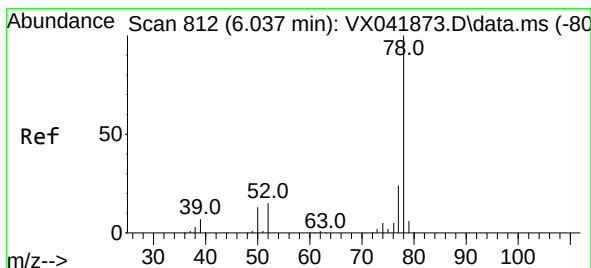
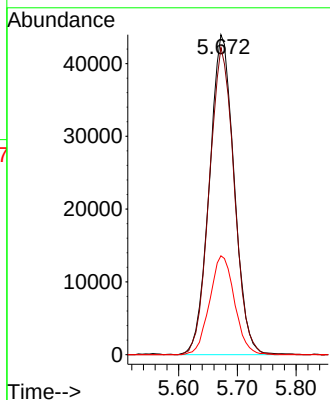
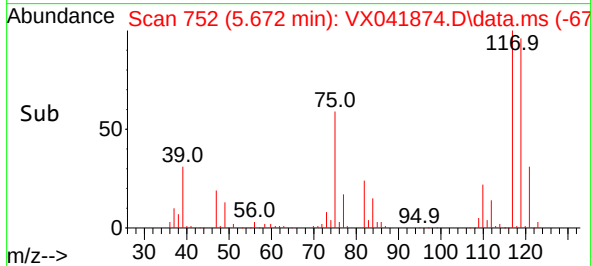
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:117 Resp: 128574
Ion Ratio Lower Upper
117 100
119 96.0 75.7 113.5
121 30.9 24.9 37.3

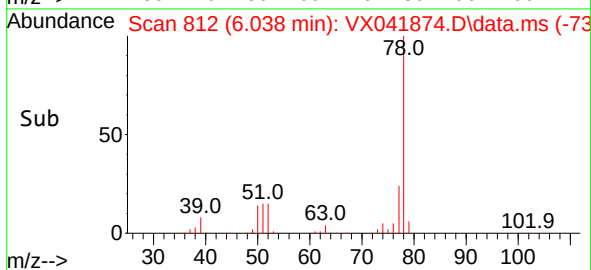
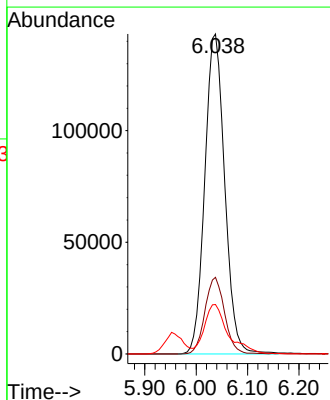
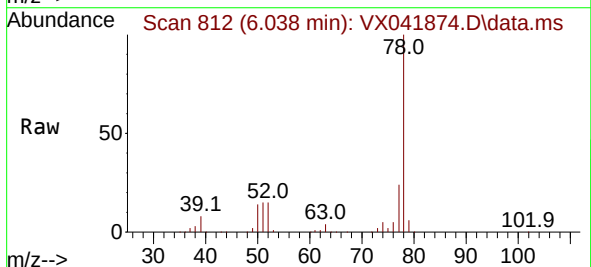
Manual Integrations
APPROVED

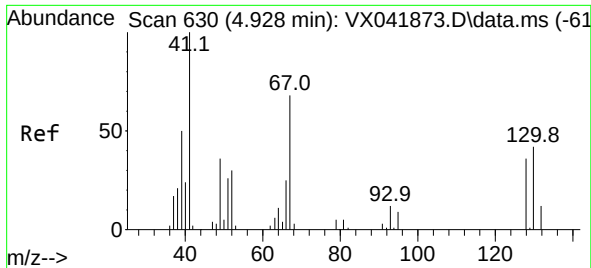
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#34
Benzene
Concen: 48.675 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

Tgt Ion: 78 Resp: 386060
Ion Ratio Lower Upper
78 100
77 23.9 18.9 28.3
51 15.3 11.8 17.8





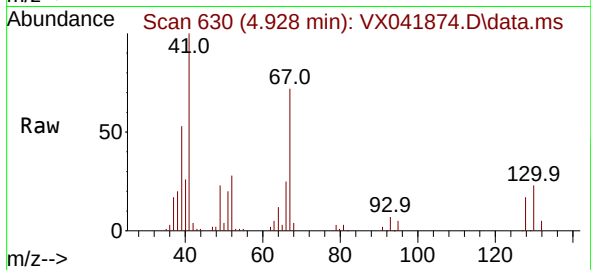
#35
Methacrylonitrile
Concen: 51.058 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050



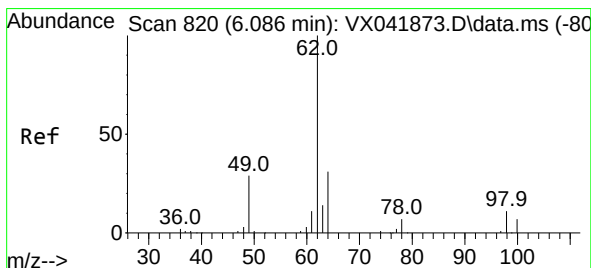
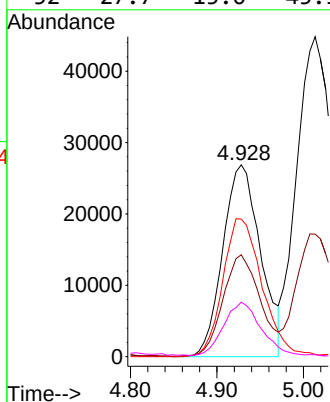
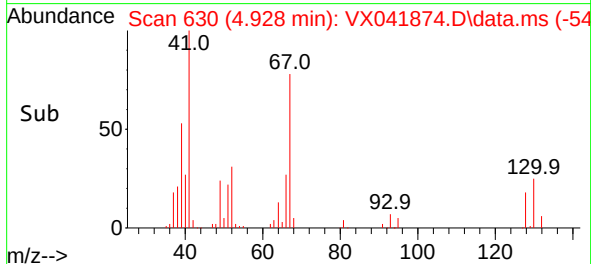
Tgt Ion: 41 Resp: 81580
Ion Ratio Lower Upper
41 100
39 52.9 25.2 75.6
67 71.8 34.2 102.5
52 27.7 15.0 45.1

Manual Integrations

APPROVED

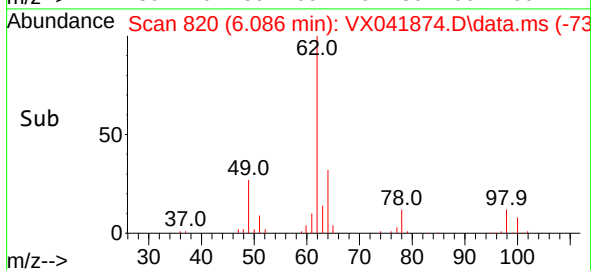
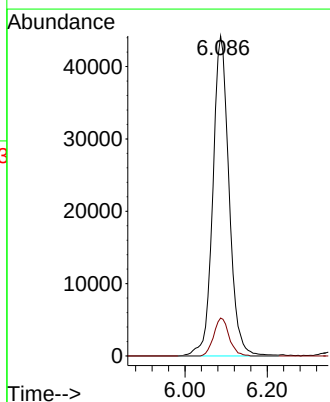
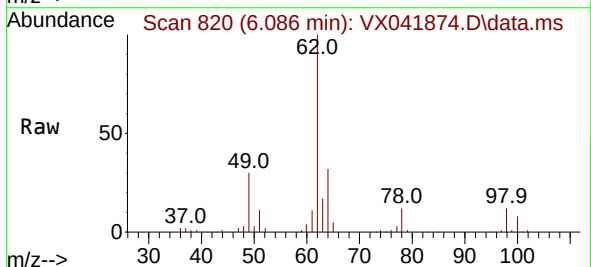
Reviewed By :John Carlone 06/17/2024

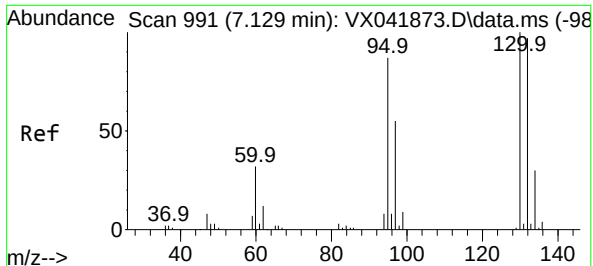
Supervised By :Mahesh Dadoda 06/17/2024



#36
1,2-Dichloroethane
Concen: 48.992 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

Tgt Ion: 62 Resp: 121052
Ion Ratio Lower Upper
62 100
98 11.2 9.1 13.7





#37

Trichloroethene

Concen: 48.602 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX041874.D

Acq: 14 Jun 2024 13:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion:130 Resp: 105294

Ion Ratio Lower Upper

130 100

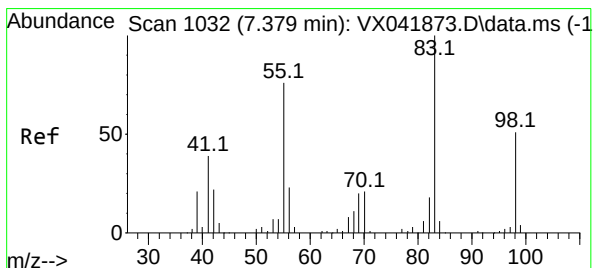
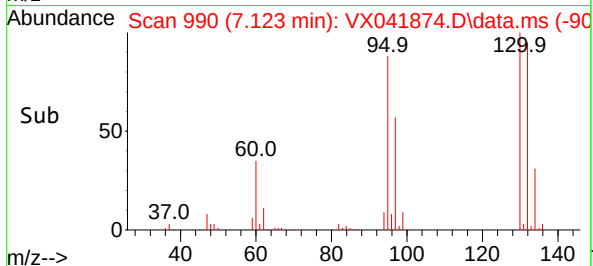
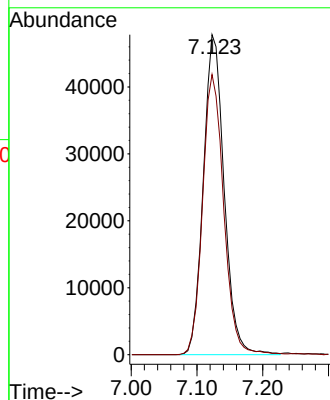
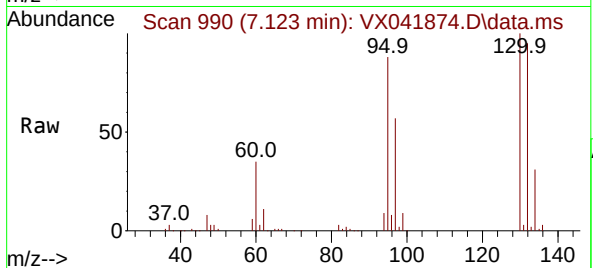
95 87.4 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#38

Methylcyclohexane

Concen: 49.084 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX041874.D

Acq: 14 Jun 2024 13:42

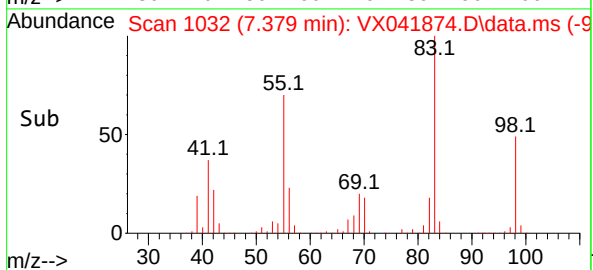
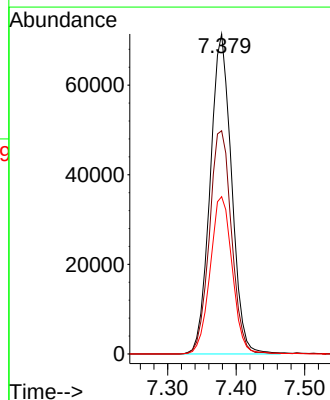
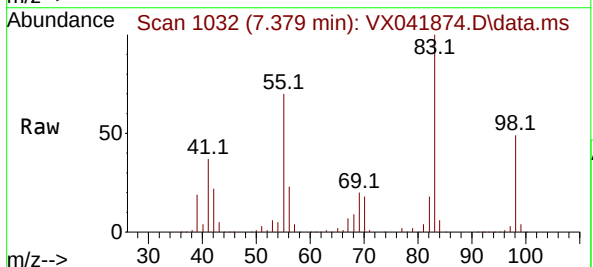
Tgt Ion: 83 Resp: 154796

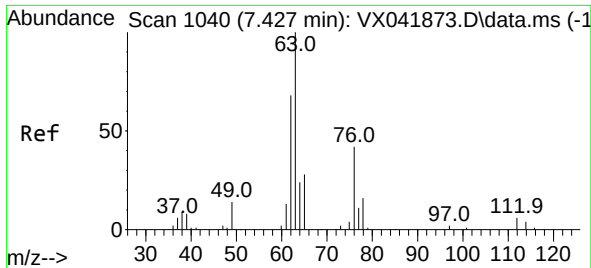
Ion Ratio Lower Upper

83 100

55 72.0 37.3 111.9

98 50.8 24.8 74.4





#39

1,2-Dichloropropane

Concen: 49.880 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX041874.D

Acq: 14 Jun 2024 13:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 63 Resp: 94239

Ion Ratio Lower Upper

63 100

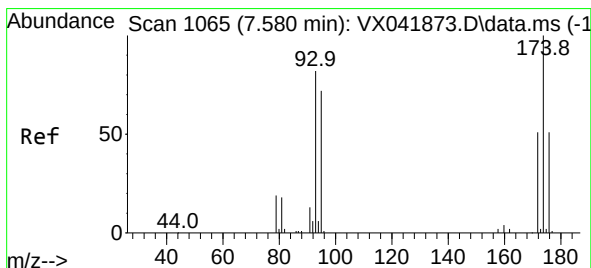
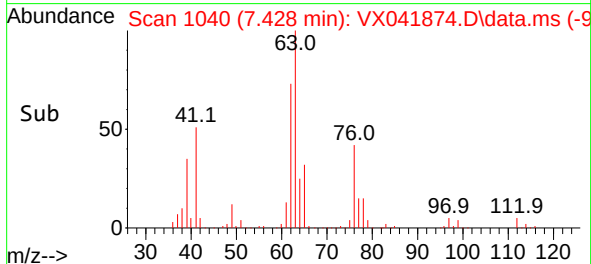
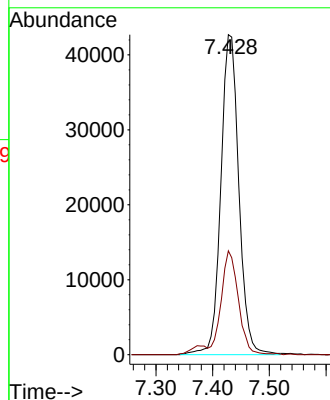
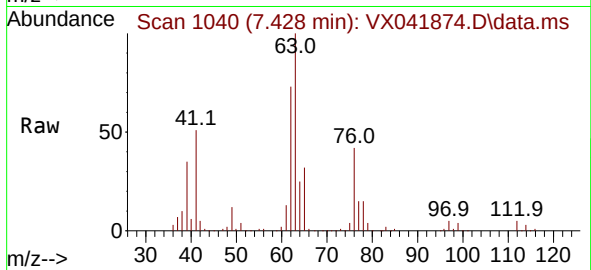
65 32.3 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#40

Dibromomethane

Concen: 48.804 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX041874.D

Acq: 14 Jun 2024 13:42

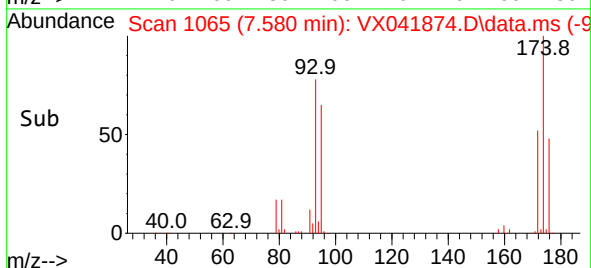
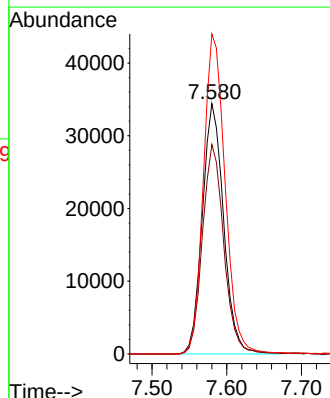
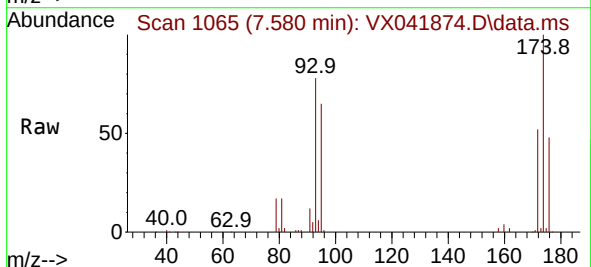
Tgt Ion: 93 Resp: 68209

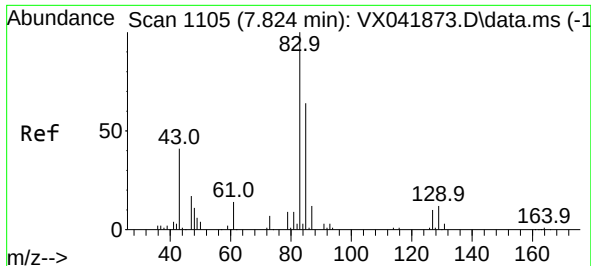
Ion Ratio Lower Upper

93 100

95 83.6 0.0 168.6

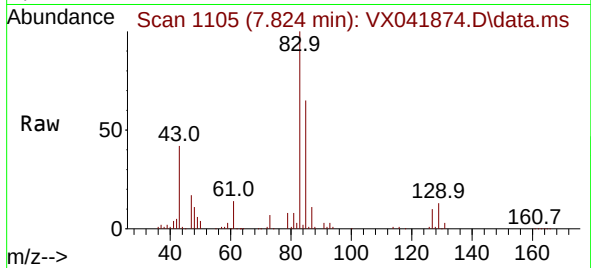
174 129.3 0.0 255.0





#41
Bromodichloromethane
Concen: 49.649 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

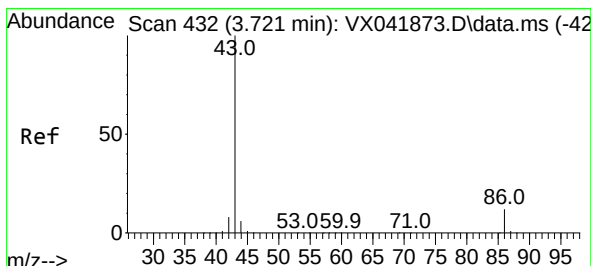
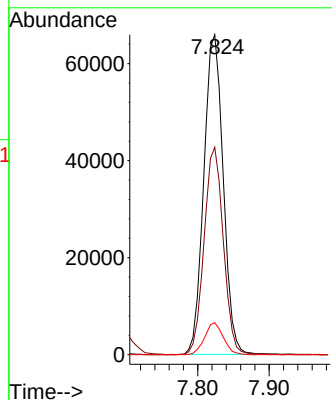
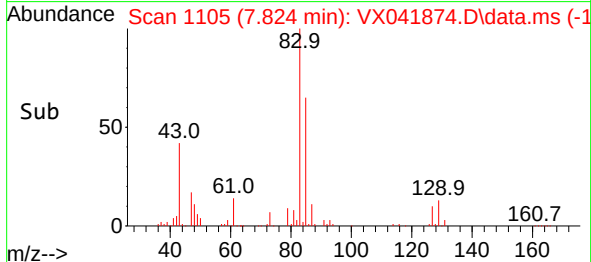
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



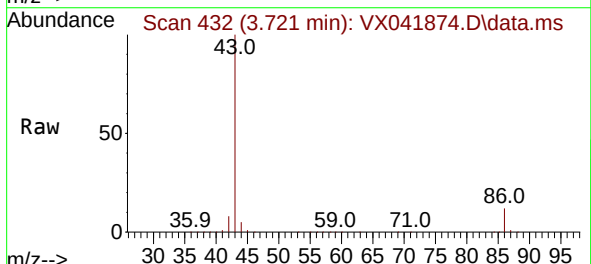
Tgt Ion: 83 Resp: 124314
Ion Ratio Lower Upper
83 100
85 64.8 51.1 76.7
127 10.0 8.1 12.1

Manual Integrations
APPROVED

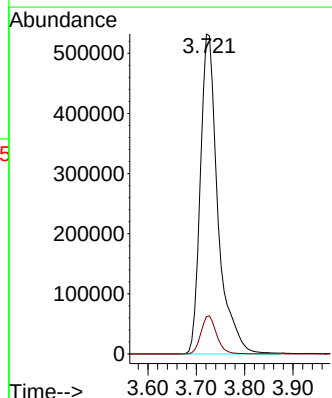
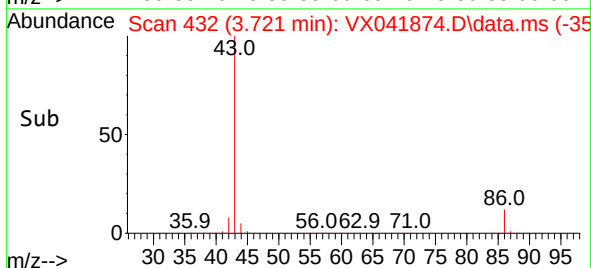
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

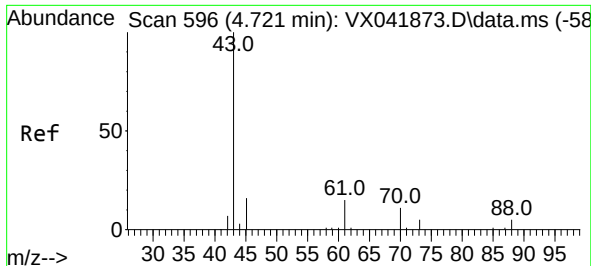


#42
Vinyl Acetate
Concen: 251.717 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42



Tgt Ion: 43 Resp: 1340398
Ion Ratio Lower Upper
43 100
86 10.6 8.5 12.7





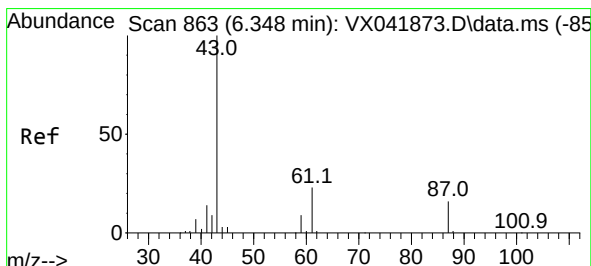
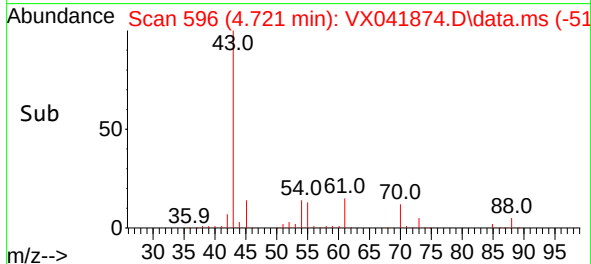
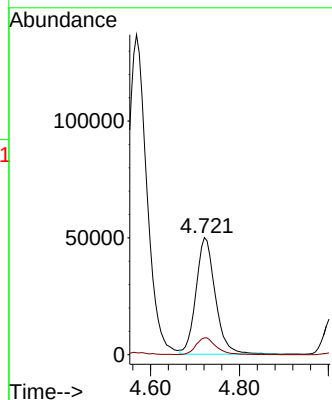
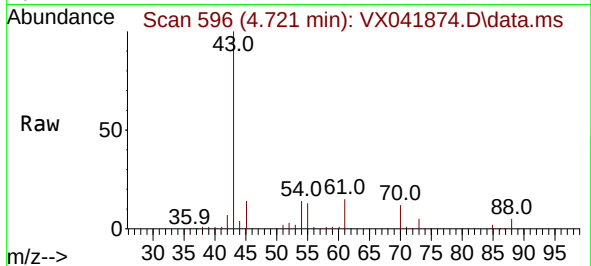
#43
Ethyl Acetate
Concen: 50.563 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 43 Resp: 150824
Ion Ratio Lower Upper
43 100
45 15.3 12.4 18.6

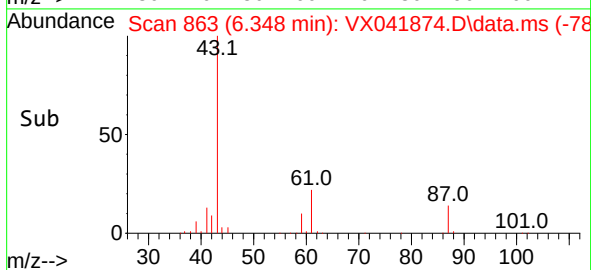
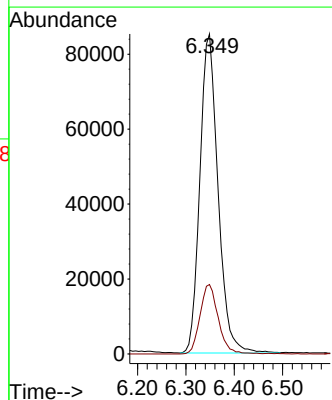
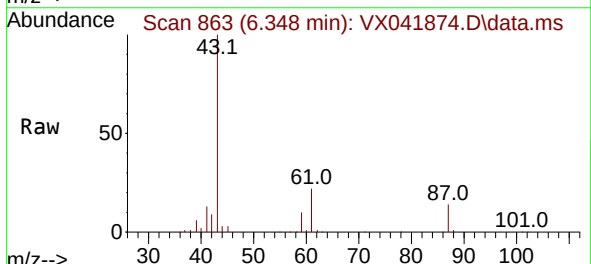
Manual Integrations
APPROVED

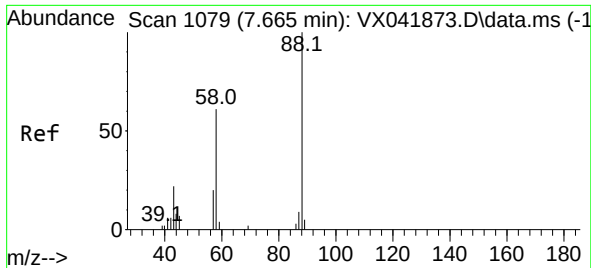
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#44
Isopropyl Acetate
Concen: 49.638 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

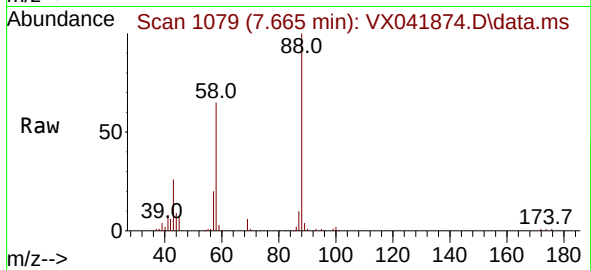
Tgt Ion: 43 Resp: 221771
Ion Ratio Lower Upper
43 100
61 21.7 17.4 26.0





#45
1,4-Dioxane
Concen: 956.593 ug/l m
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

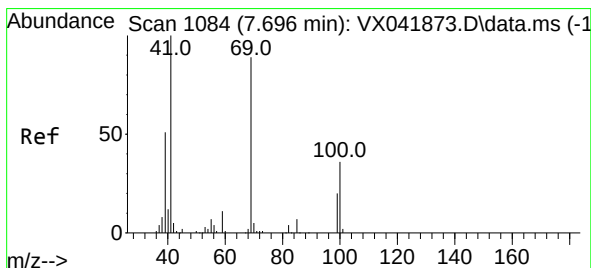
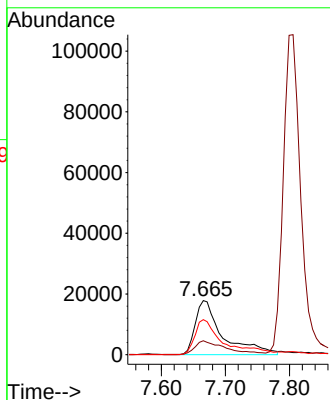
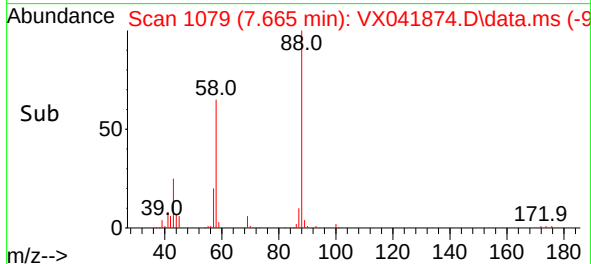
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 88 Resp: 5298
Ion Ratio Lower Upper
88 100
43 27.8 23.2 34.8
58 56.8 52.6 78.8

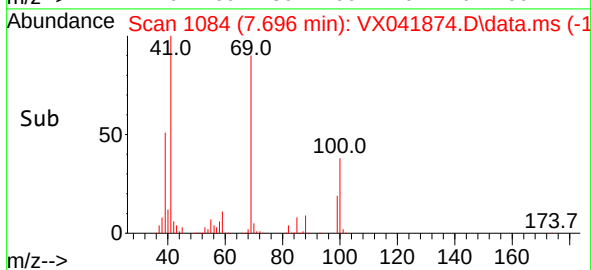
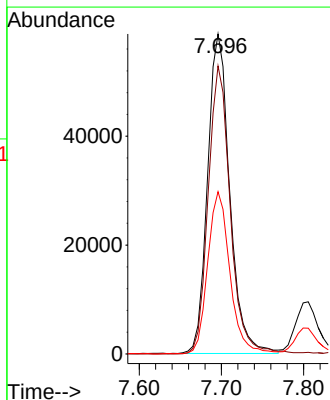
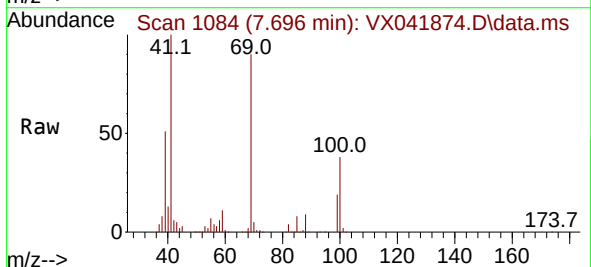
Manual Integrations
APPROVED

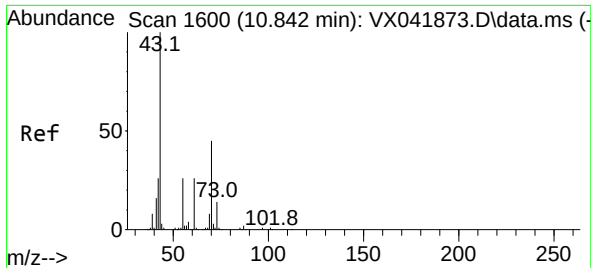
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#46
Methyl methacrylate
Concen: 50.440 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

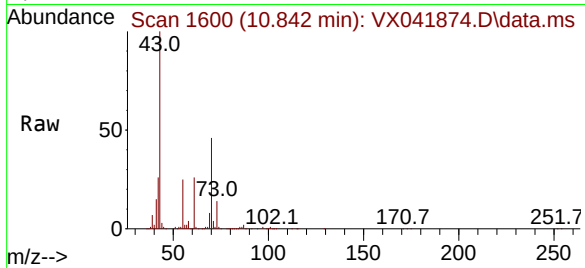
Tgt Ion: 41 Resp: 110183
Ion Ratio Lower Upper
41 100
69 90.2 44.4 133.1
39 50.6 25.5 76.5





#47
n-amyl acetate
Concen: 51.047 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

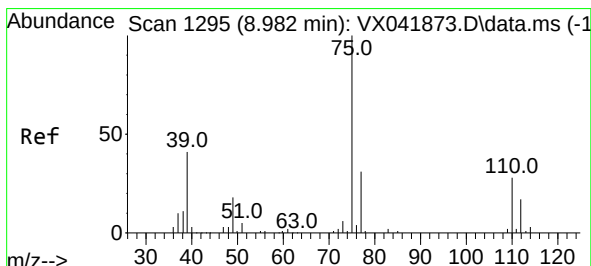
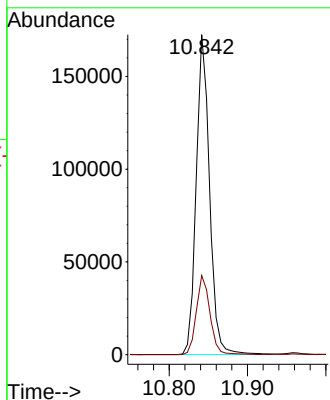
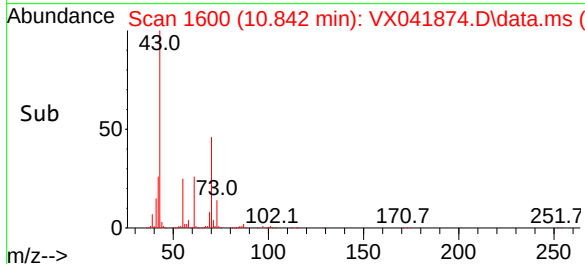
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 43 Resp: 204683
Ion Ratio Lower Upper
43 100
55 25.3 21.0 31.4

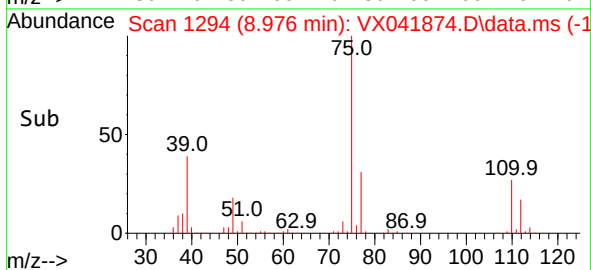
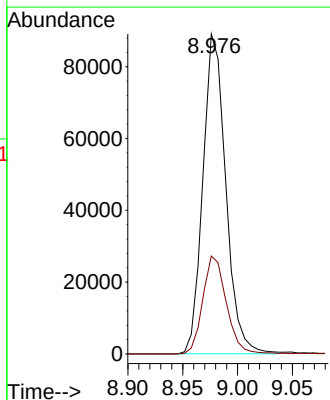
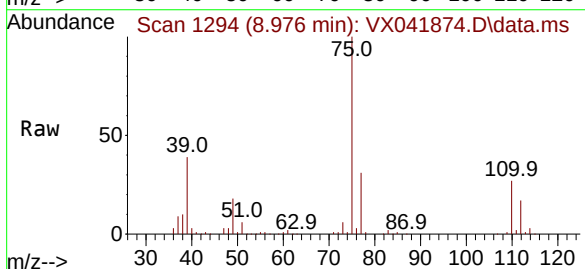
Manual Integrations
APPROVED

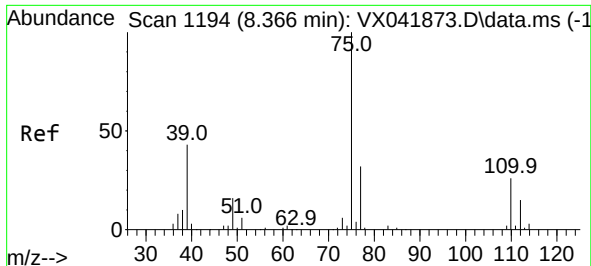
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#48
t-1,3-Dichloropropene
Concen: 50.179 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

Tgt Ion: 75 Resp: 129362
Ion Ratio Lower Upper
75 100
77 30.6 25.1 37.7





#49

cis-1,3-Dichloropropene

Concen: 50.453 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX041874.D

Acq: 14 Jun 2024 13:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 75 Resp: 14589

Ion Ratio Lower Upper

75 100

77 30.6 25.8 38.8

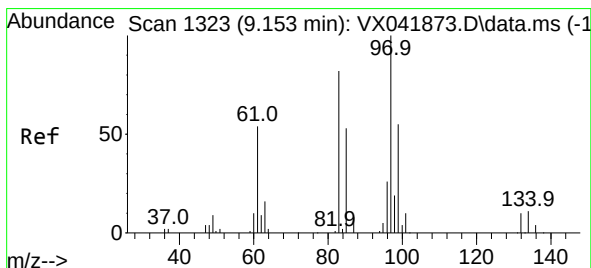
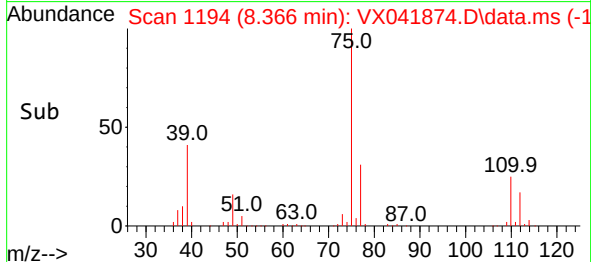
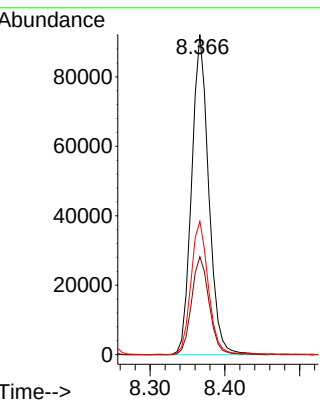
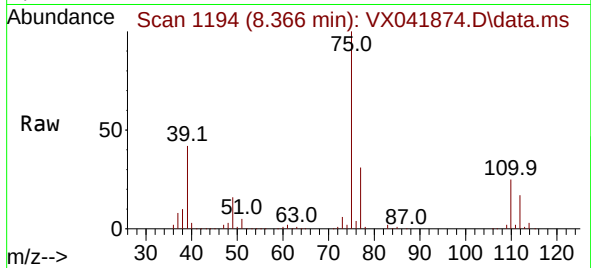
39 41.7 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#50

1,1,2-Trichloroethane

Concen: 49.582 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX041874.D

Acq: 14 Jun 2024 13:42

Tgt Ion: 97 Resp: 100761

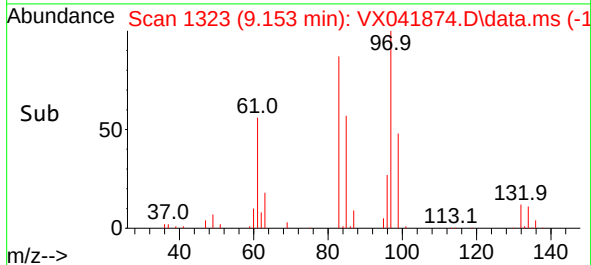
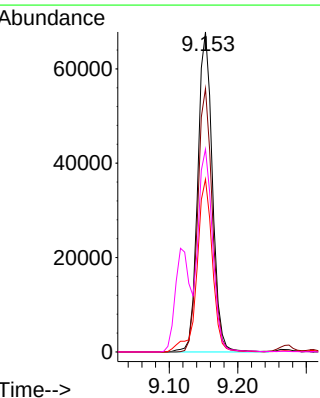
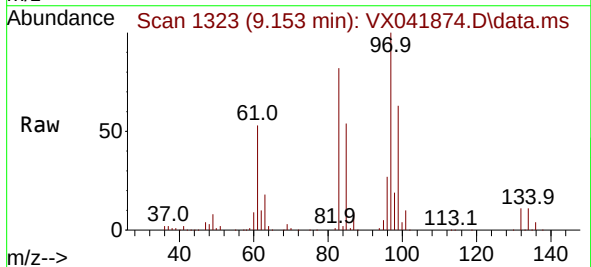
Ion Ratio Lower Upper

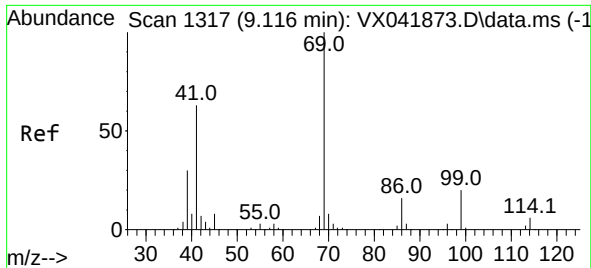
97 100

83 82.3 65.9 98.9

85 53.8 42.9 64.3

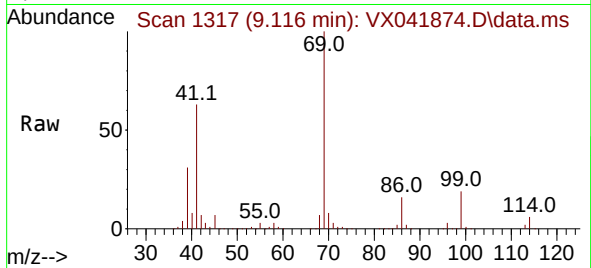
99 63.2 48.8 73.2





#51
Ethyl methacrylate
Concen: 50.284 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

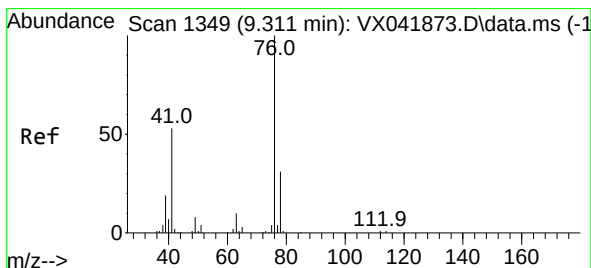
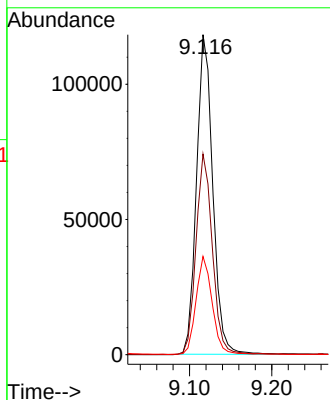
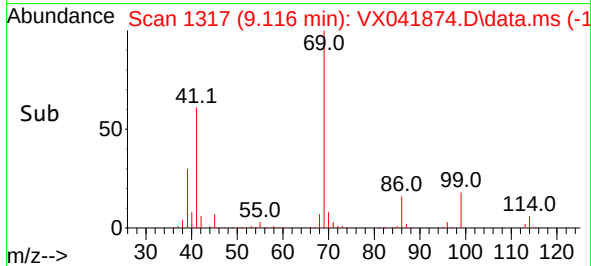
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 69 Resp: 162333
Ion Ratio Lower Upper
69 100
41 62.6 31.6 94.7
39 30.6 15.3 45.8

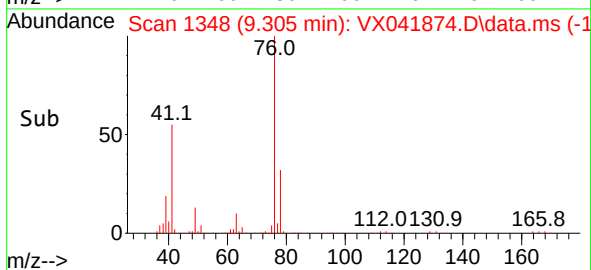
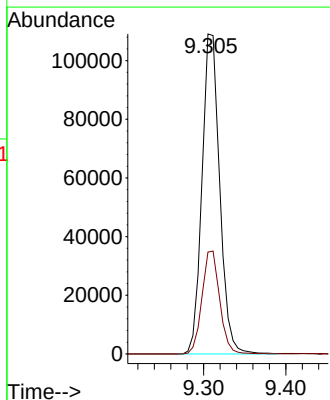
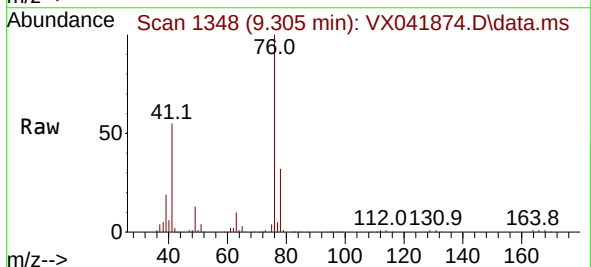
Manual Integrations
APPROVED

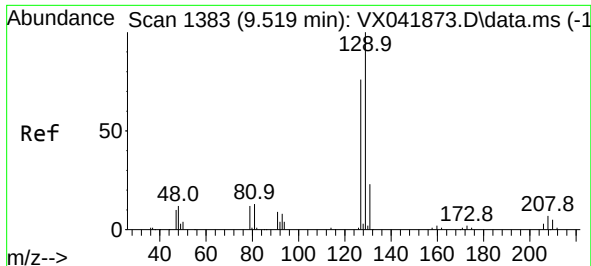
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#52
1,3-Dichloropropane
Concen: 49.168 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

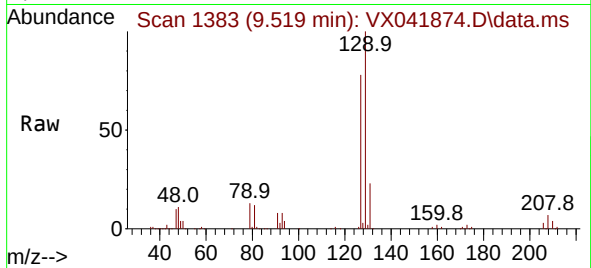
Tgt Ion: 76 Resp: 163351
Ion Ratio Lower Upper
76 100
78 32.2 0.0 66.0





#53
Dibromochloromethane
Concen: 50.703 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

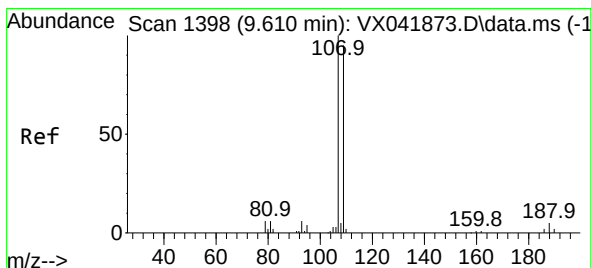
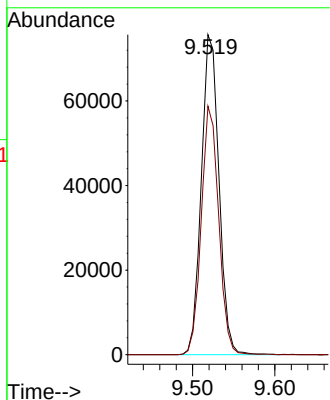
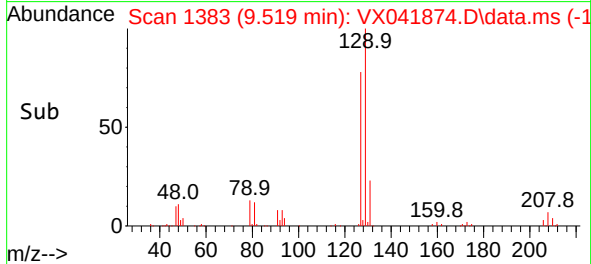
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



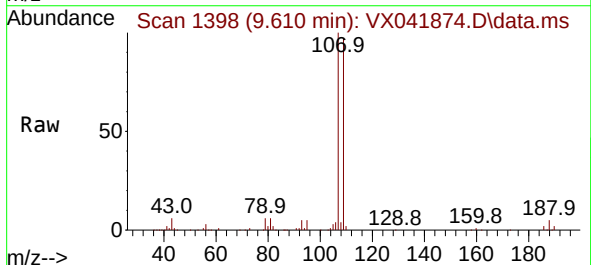
Tgt Ion:129 Resp: 112760
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.4

Manual Integrations
APPROVED

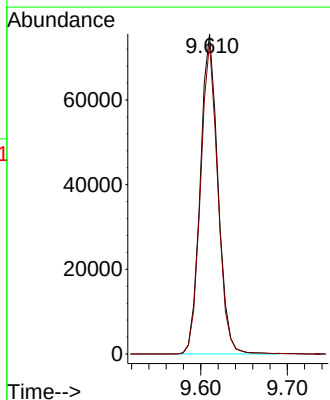
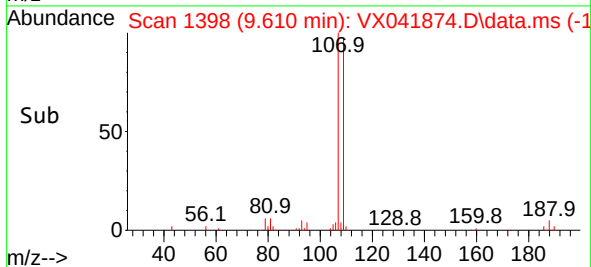
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

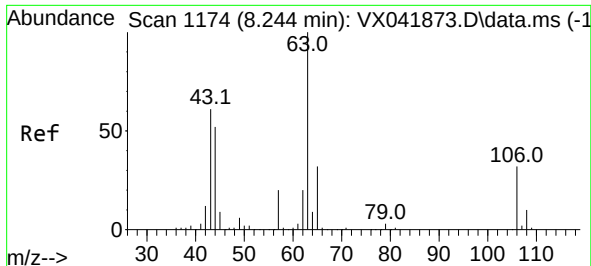


#54
1,2-Dibromoethane
Concen: 49.942 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42



Tgt Ion:107 Resp: 107027
Ion Ratio Lower Upper
107 100
109 94.5 75.7 113.5





#55

2-Chloroethyl vinyl ether

Concen: 256.664 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX041874.D

Acq: 14 Jun 2024 13:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 63 Resp: 385678

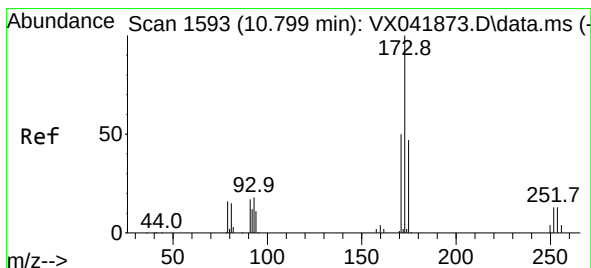
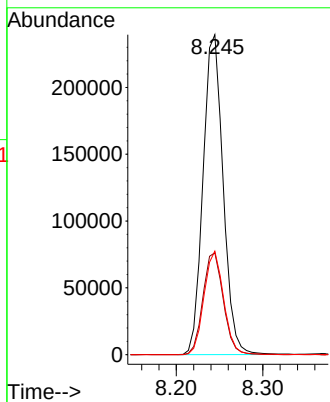
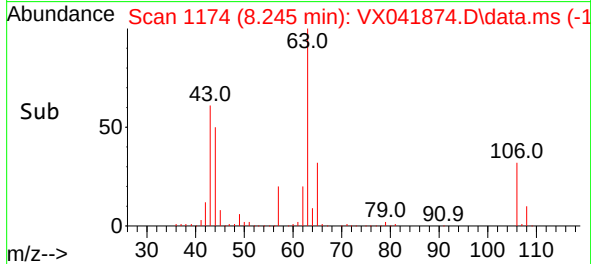
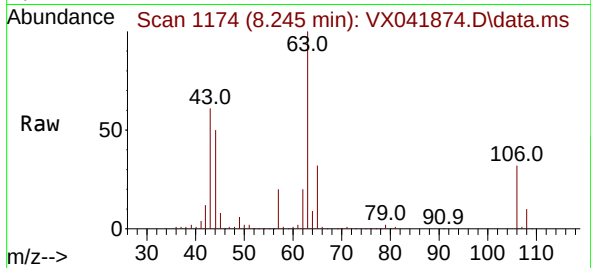
Ion	Ratio	Lower	Upper
63	100		
65	32.3	25.7	38.5
106	31.6	25.3	37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#56

Bromoform

Concen: 50.505 ug/l

RT: 10.799 min Scan# 1593

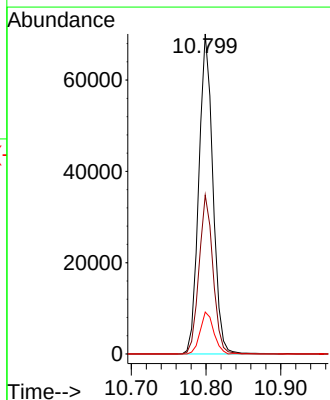
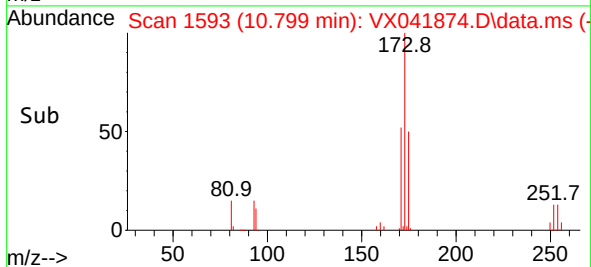
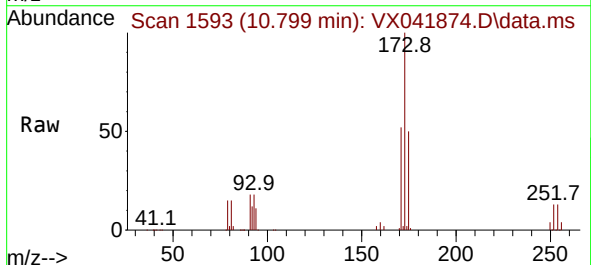
Delta R.T. 0.000 min

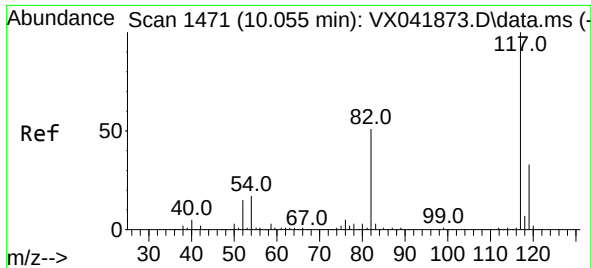
Lab File: VX041874.D

Acq: 14 Jun 2024 13:42

Tgt Ion:173 Resp: 91587

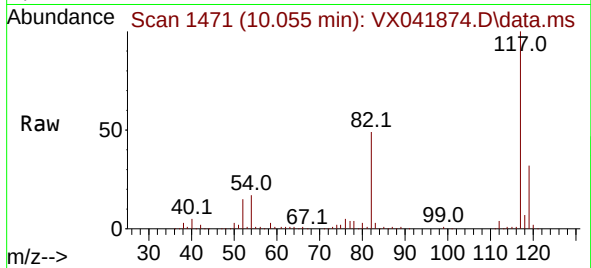
Ion	Ratio	Lower	Upper
173	100		
175	49.1	39.3	58.9
254	12.7	9.6	14.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

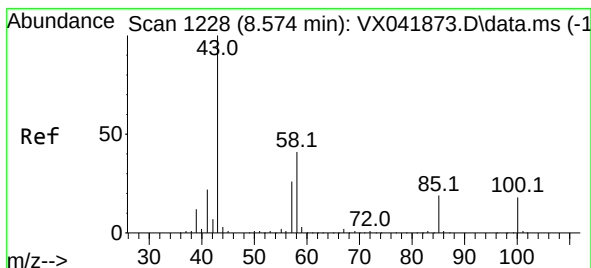
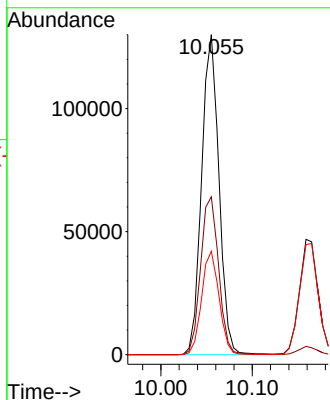
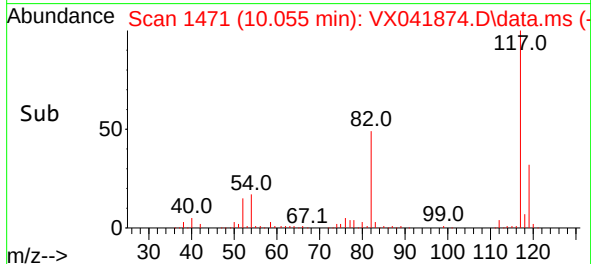
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 117 Resp: 171140
Ion Ratio Lower Upper
117 100
82 51.3 41.1 61.7
119 32.6 26.1 39.1

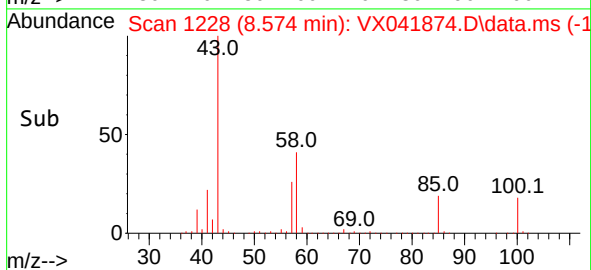
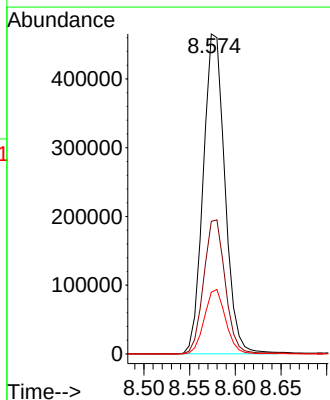
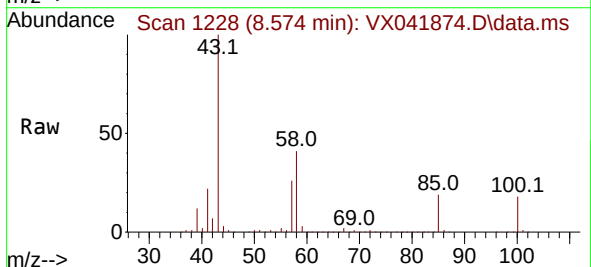
Manual Integrations
APPROVED

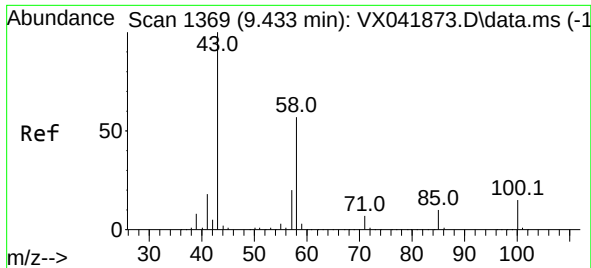
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#58
4-Methyl-2-Pentanone
Concen: 250.407 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

Tgt Ion: 43 Resp: 767921
Ion Ratio Lower Upper
43 100
58 41.7 33.2 49.8
85 19.7 15.5 23.3





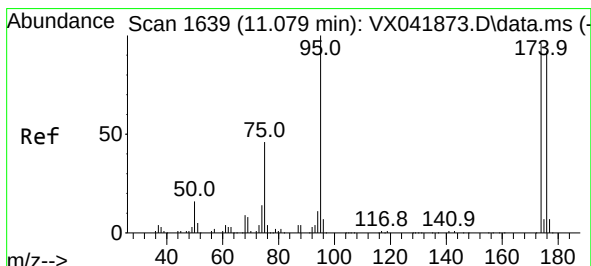
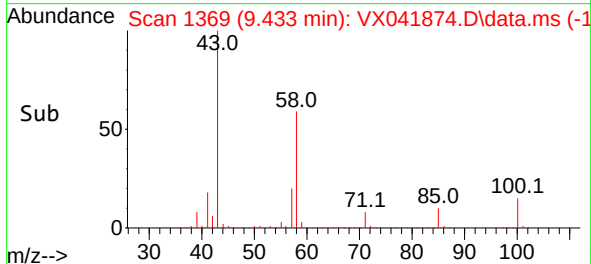
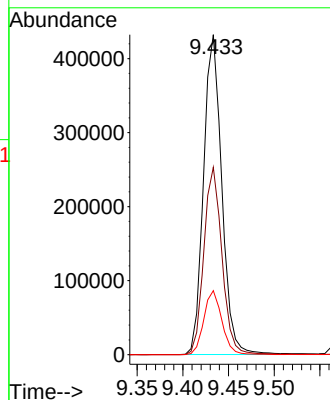
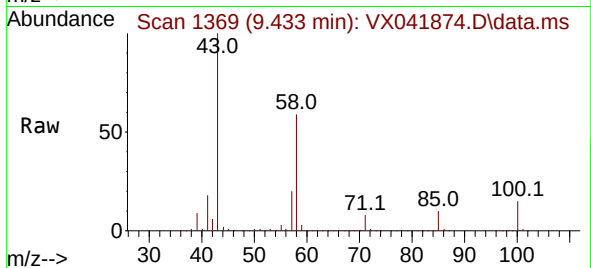
#59
2-Hexanone
Concen: 253.485 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 43 Resp: 599999
Ion Ratio Lower Upper
43 100
58 58.3 46.0 69.0
57 19.9 15.8 23.6

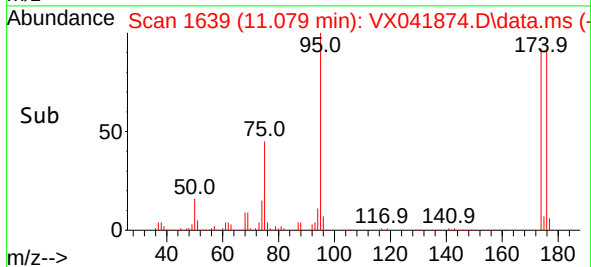
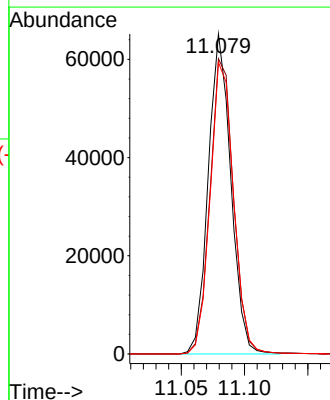
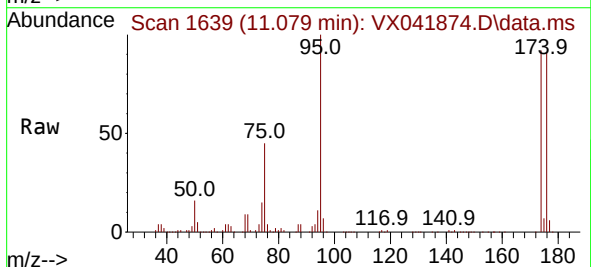
Manual Integrations
APPROVED

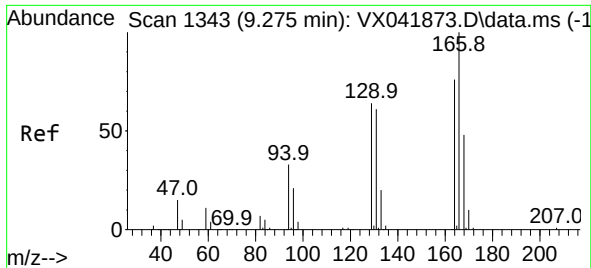
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#60
4-Bromofluorobenzene
Concen: 30.583 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

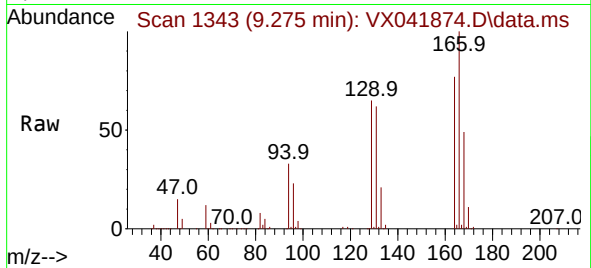
Tgt Ion: 95 Resp: 81019
Ion Ratio Lower Upper
95 100
174 96.1 78.9 118.3
176 94.5 77.1 115.7





#61
Tetrachloroethene
Concen: 48.231 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

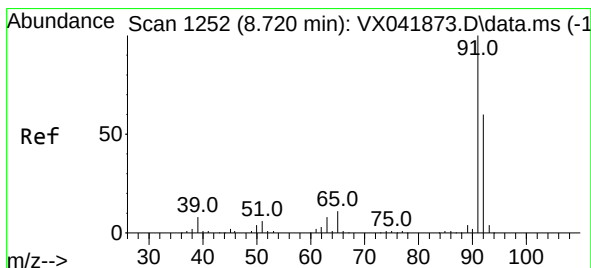
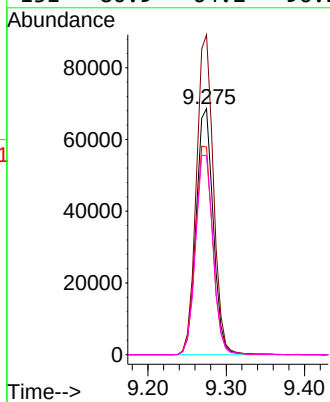
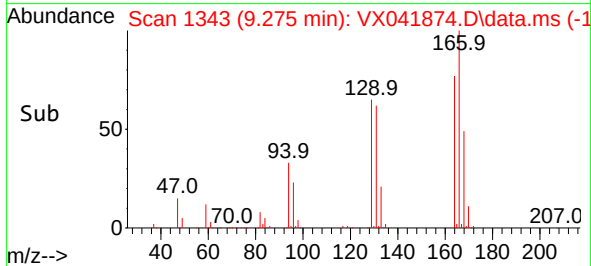
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:164 Resp: 103860
Ion Ratio Lower Upper
164 100
166 129.9 105.0 157.6
129 84.3 67.1 100.7
131 80.9 64.2 96.2

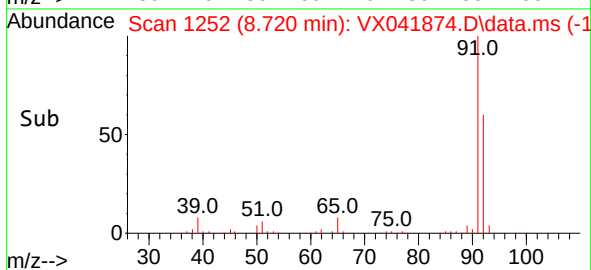
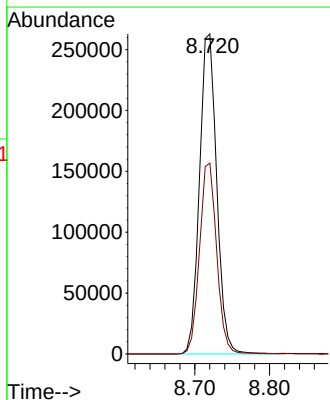
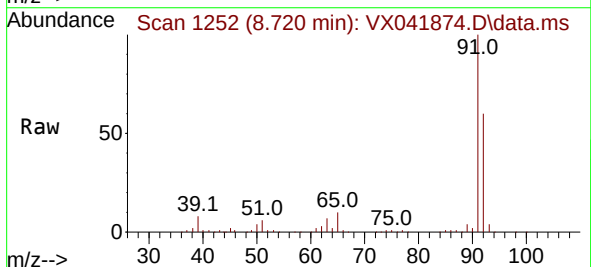
Manual Integrations
APPROVED

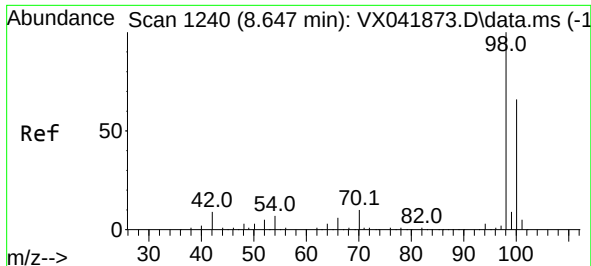
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#62
Toluene
Concen: 48.537 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

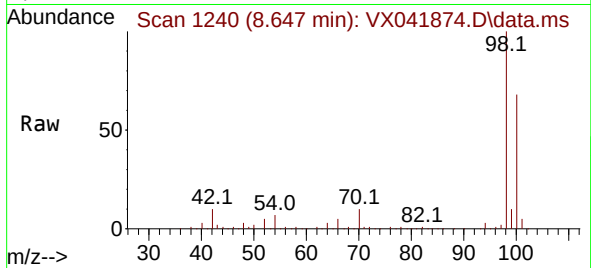
Tgt Ion: 91 Resp: 420347
Ion Ratio Lower Upper
91 100
92 59.5 47.4 71.2





#63
Toluene-d8
Concen: 29.926 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

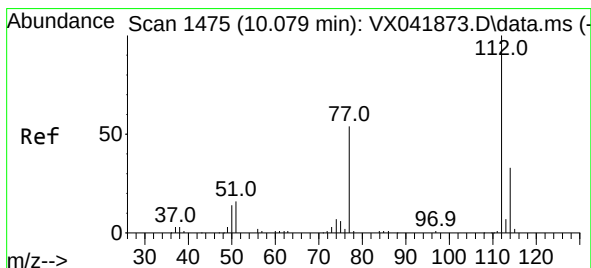
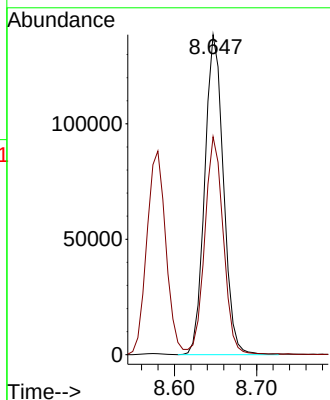
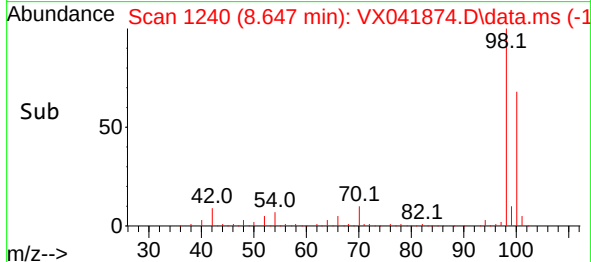
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



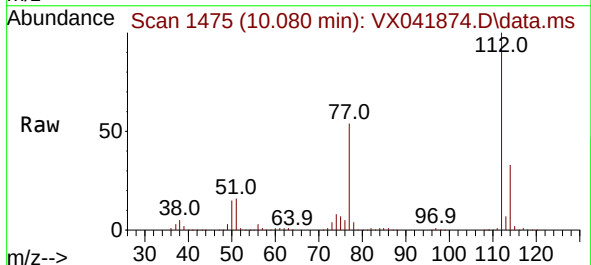
Tgt Ion: 98 Resp: 219110
Ion Ratio Lower Upper
98 100
100 67.3 52.7 79.1

Manual Integrations
APPROVED

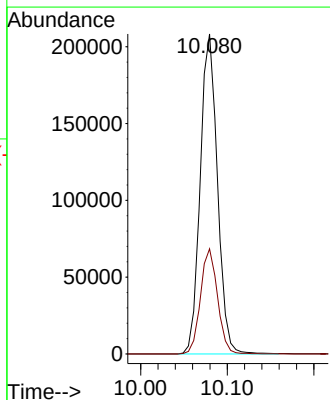
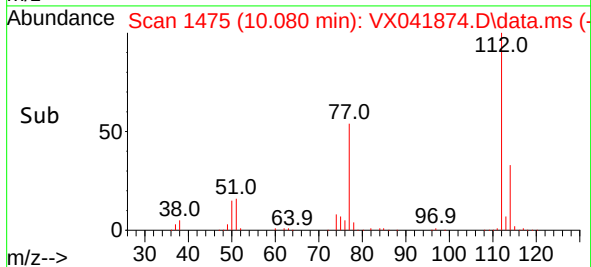
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

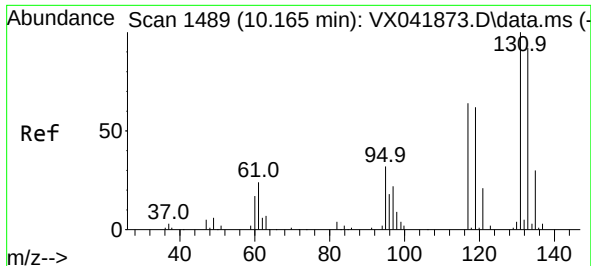


#64
Chlorobenzene
Concen: 48.742 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42



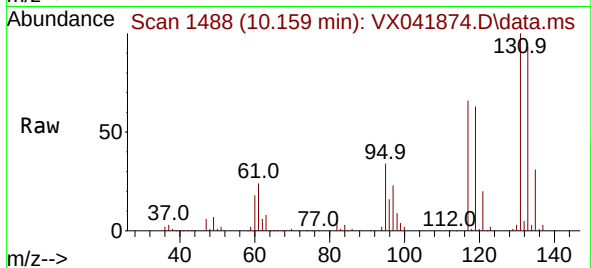
Tgt Ion:112 Resp: 287448
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.4





#65
1,1,1,2-Tetrachloroethane
Concen: 49.584 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

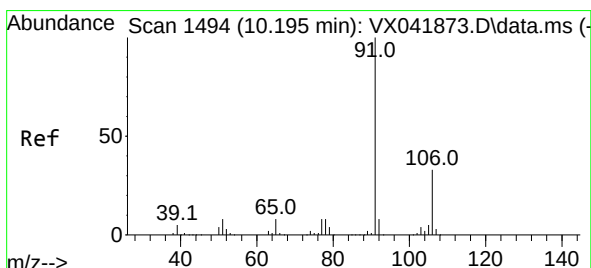
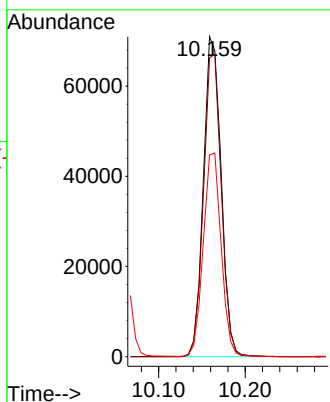
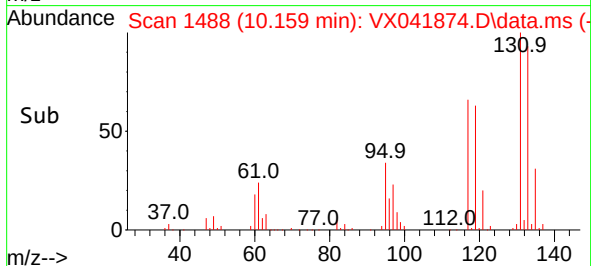
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:131 Resp: 100989
Ion Ratio Lower Upper
131 100
133 94.9 0.0 194.8
119 64.4 0.0 127.6

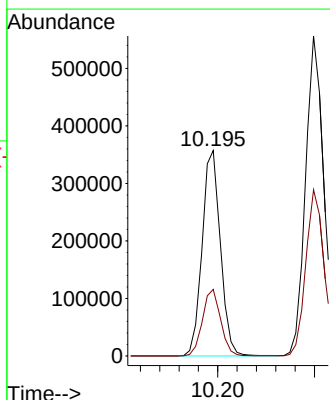
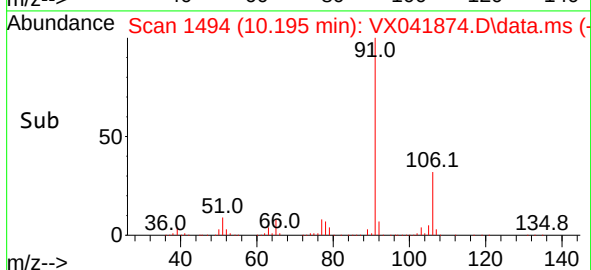
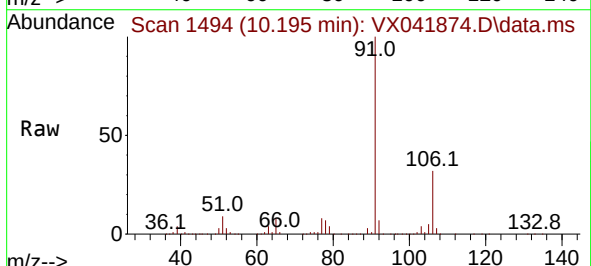
Manual Integrations
APPROVED

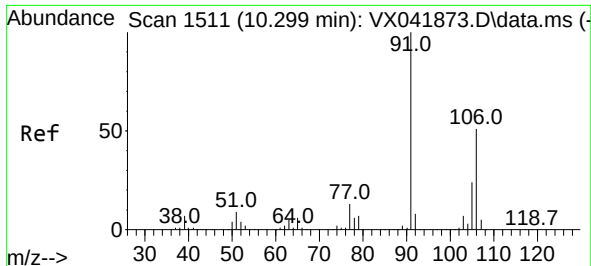
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#66
Ethyl Benzene
Concen: 49.603 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

Tgt Ion: 91 Resp: 469649
Ion Ratio Lower Upper
91 100
106 32.4 26.4 39.6





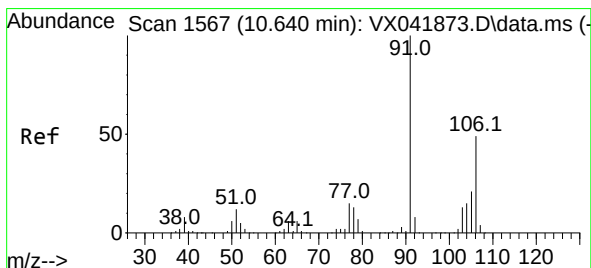
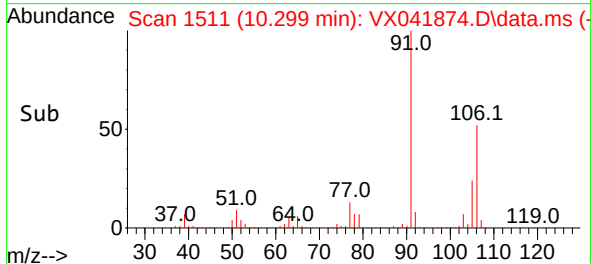
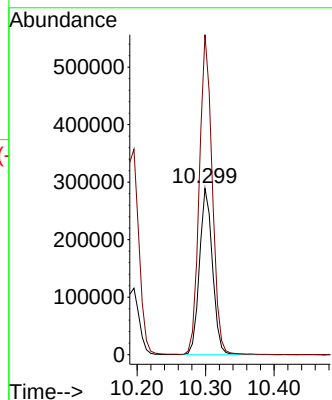
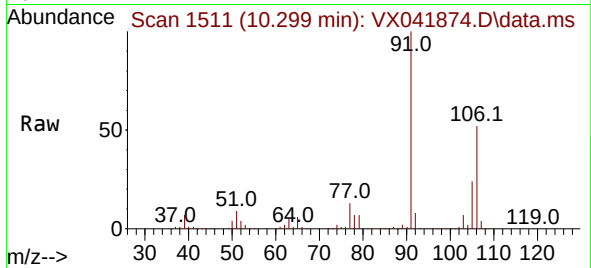
#67
m/p-Xylenes
Concen: 100.052 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:106 Resp: 381039
Ion Ratio Lower Upper
106 100
91 190.4 157.0 235.6

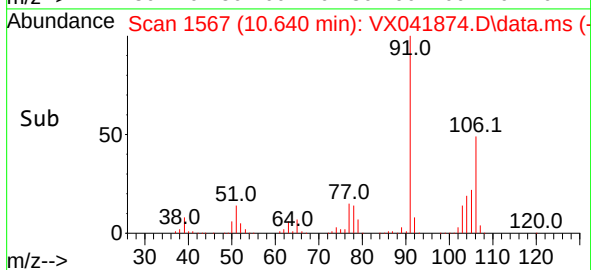
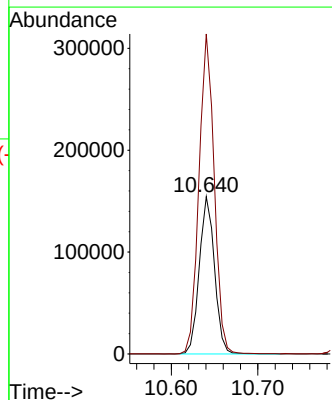
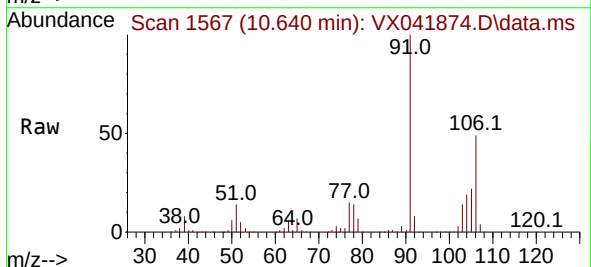
Manual Integrations
APPROVED

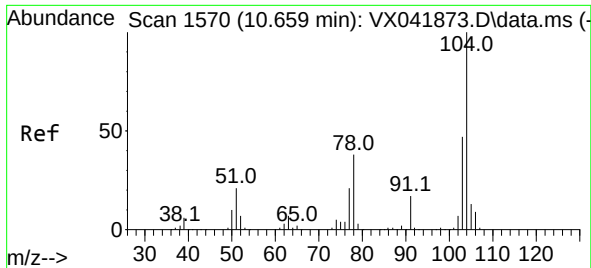
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#68
o-Xylene
Concen: 49.695 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

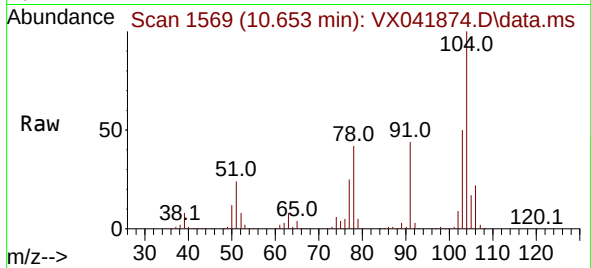
Tgt Ion:106 Resp: 188692
Ion Ratio Lower Upper
106 100
91 203.2 103.2 309.6





#69
Styrene
Concen: 50.820 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

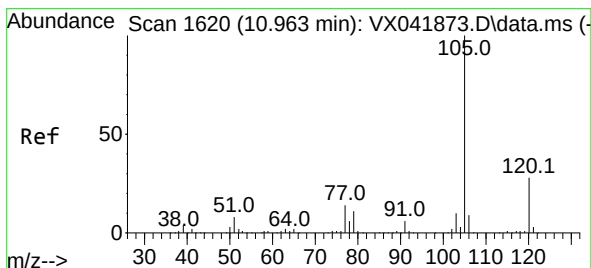
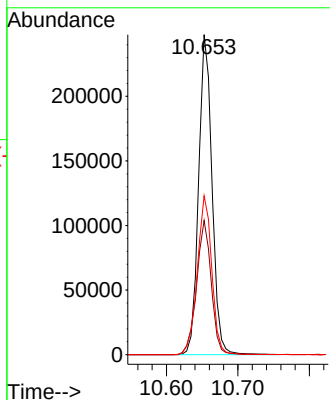
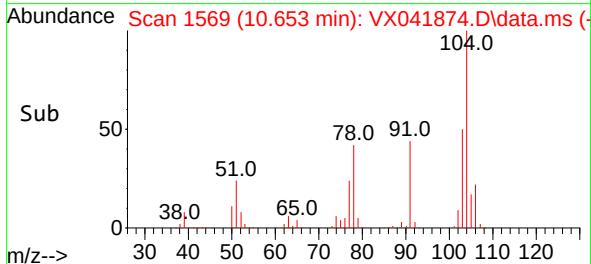
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



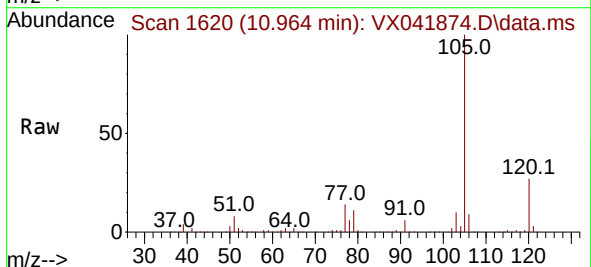
Tgt Ion:104 Resp: 322458
Ion Ratio Lower Upper
104 100
78 45.7 36.5 54.7
103 53.7 43.4 65.2

Manual Integrations
APPROVED

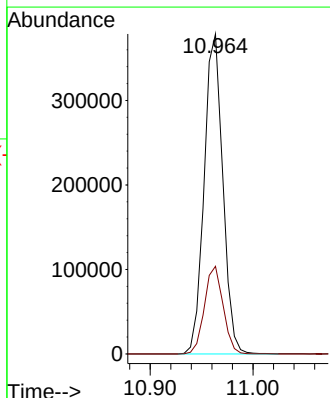
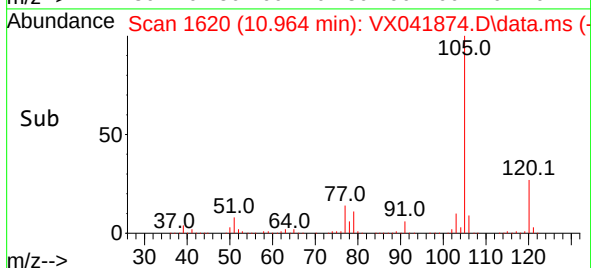
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

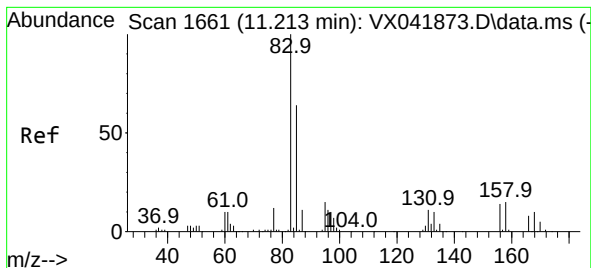


#70
Isopropylbenzene
Concen: 50.053 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42



Tgt Ion:105 Resp: 477852
Ion Ratio Lower Upper
105 100
120 27.4 19.2 35.6





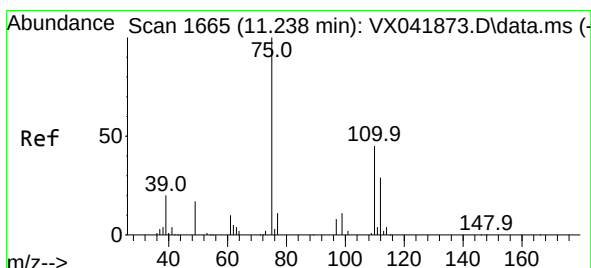
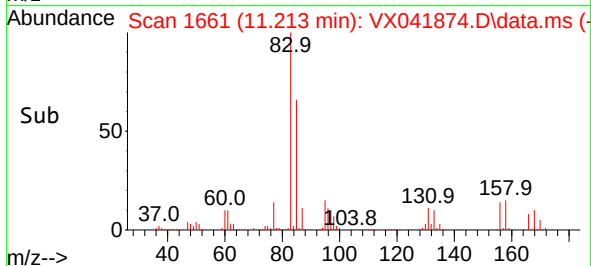
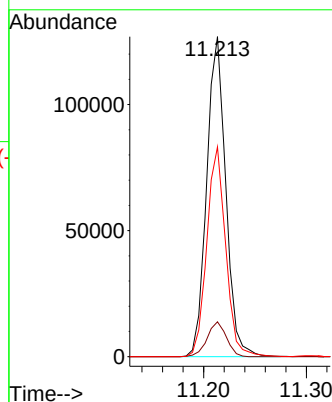
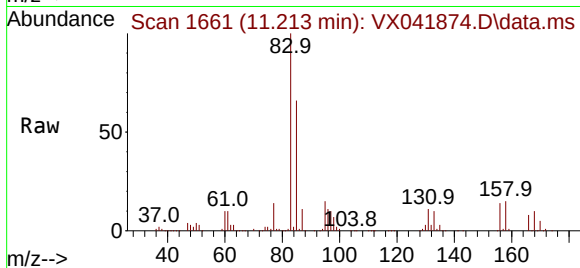
#71
1,1,2,2-Tetrachloroethane
Concen: 49.643 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 83 Resp: 16402
Ion Ratio Lower Upper
83 100
131 10.9 5.5 16.7
85 64.9 32.6 97.7

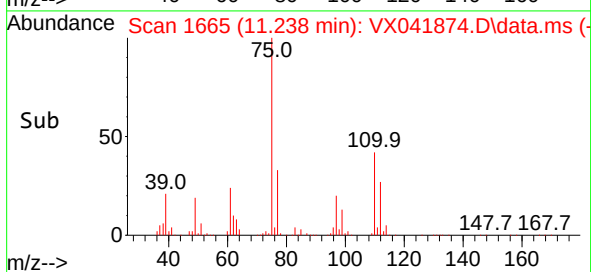
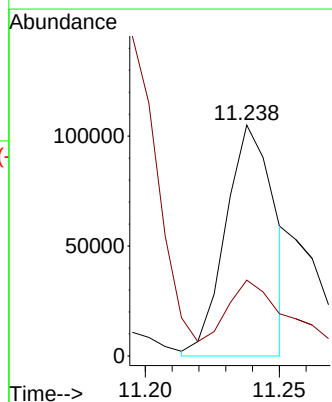
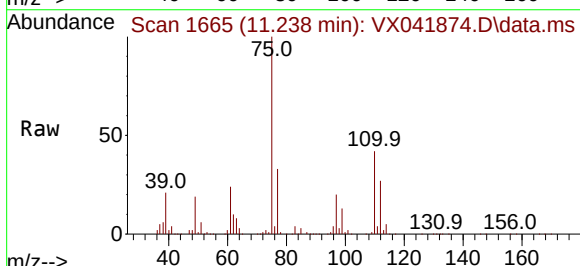
Manual Integrations
APPROVED

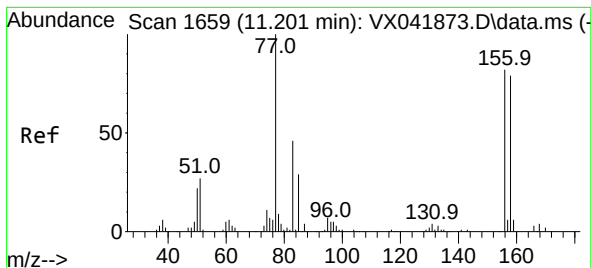
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#72
1,2,3-Trichloropropane
Concen: 46.773 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

Tgt Ion: 75 Resp: 132463
Ion Ratio Lower Upper
75 100
77 44.1 0.0 79.6





#73

Bromobenzene

Concen: 48.854 ug/l

RT: 11.195 min Scan# 1659

Delta R.T. -0.006 min

Lab File: VX041874.D

Acq: 14 Jun 2024 13:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

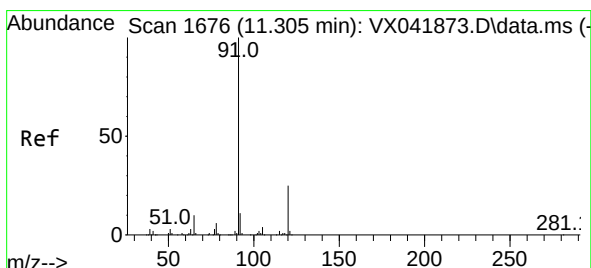
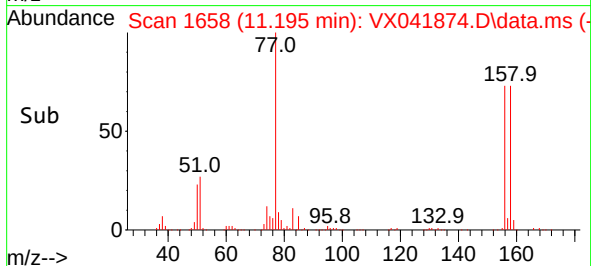
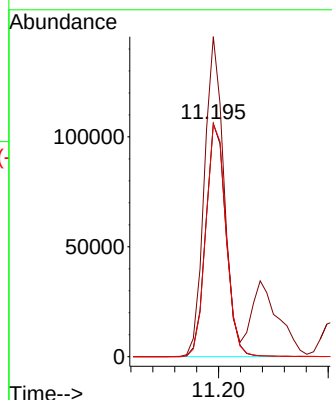
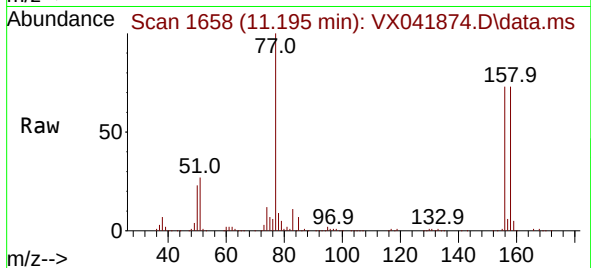
Tgt Ion:	156	Resp:	136049
Ion Ratio	Lower	Upper	
156	100		
77	132.0	0.0	266.2
158	99.7	0.0	195.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#74

n-propylbenzene

Concen: 50.394 ug/l

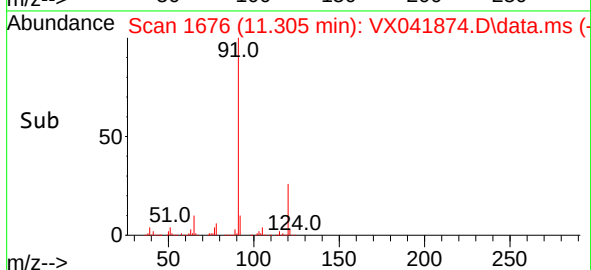
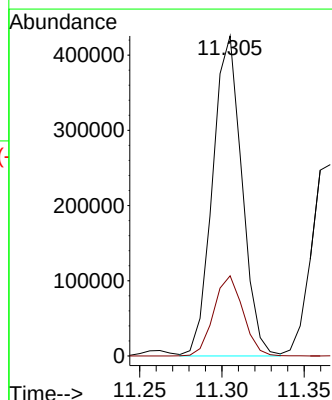
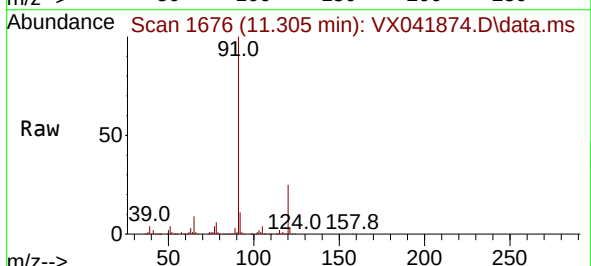
RT: 11.305 min Scan# 1676

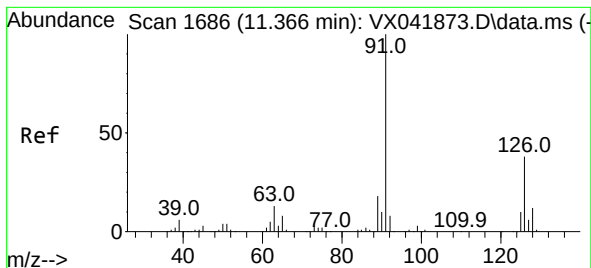
Delta R.T. 0.000 min

Lab File: VX041874.D

Acq: 14 Jun 2024 13:42

Tgt Ion:	91	Resp:	528503
Ion Ratio	Lower	Upper	
91	100		
120	24.8	0.0	49.6





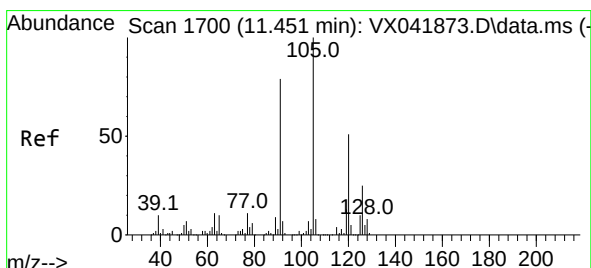
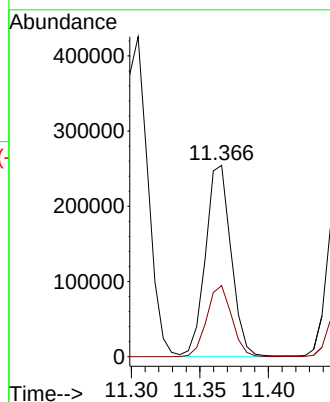
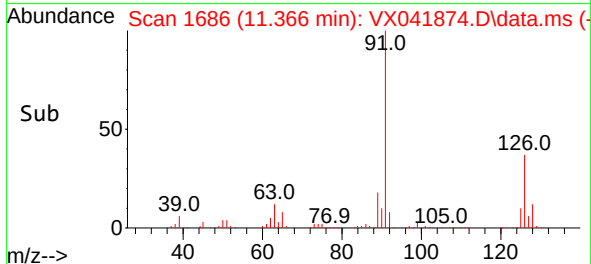
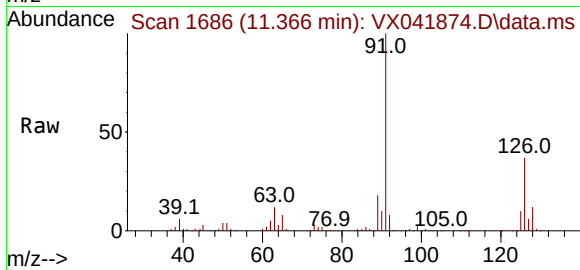
#75
2-Chlorotoluene
Concen: 49.663 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 91 Resp: 33072
Ion Ratio Lower Upper
91 100
126 36.3 0.0 72.6

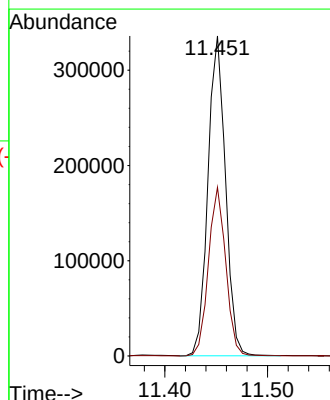
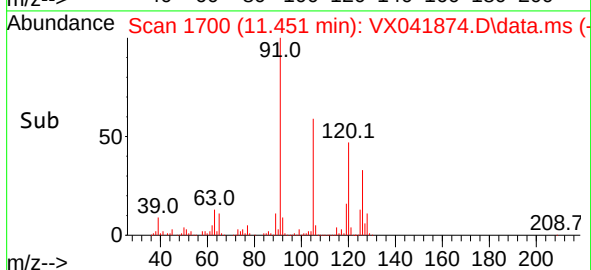
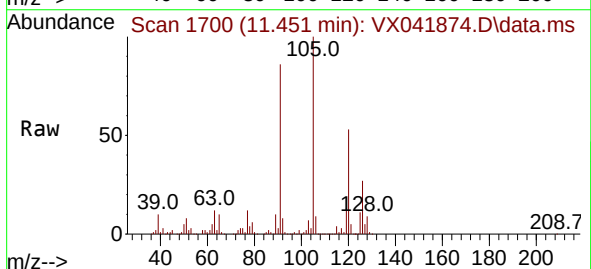
Manual Integrations
APPROVED

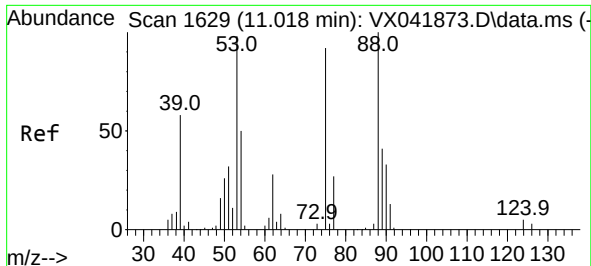
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#76
1,3,5-Trimethylbenzene
Concen: 49.764 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

Tgt Ion:105 Resp: 398020
Ion Ratio Lower Upper
105 100
120 52.2 0.0 103.0





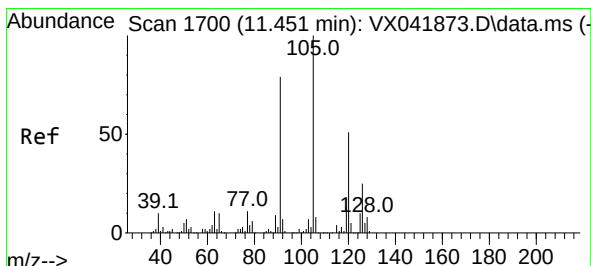
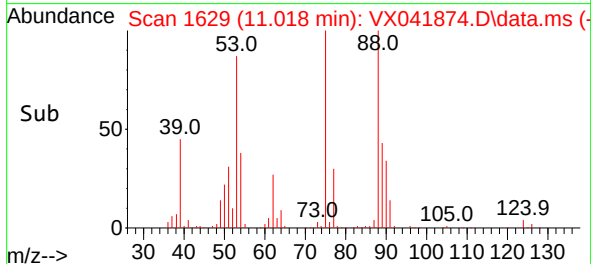
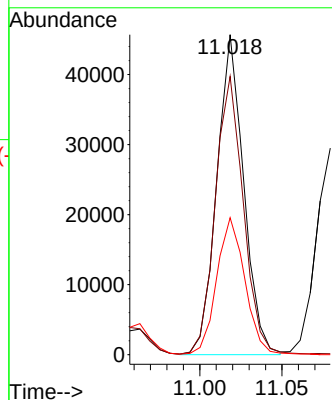
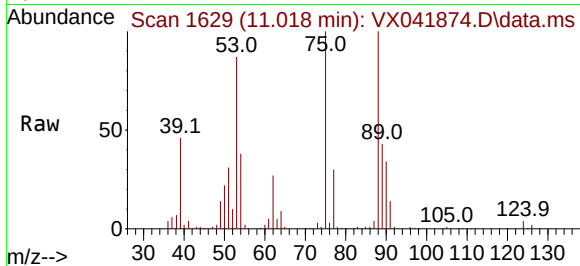
#77
t-1,4-Dichloro-2-butene
Concen: 52.486 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 75 Resp: 5196
Ion Ratio Lower Upper
75 100
53 86.9 53.4 160.2
89 42.8 22.5 67.5

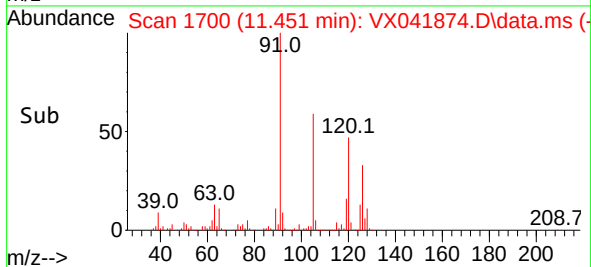
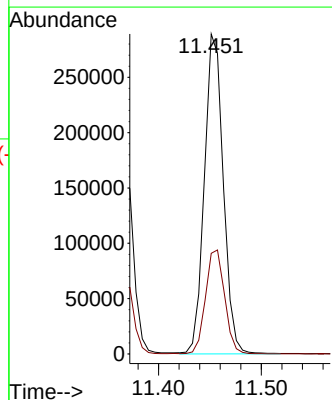
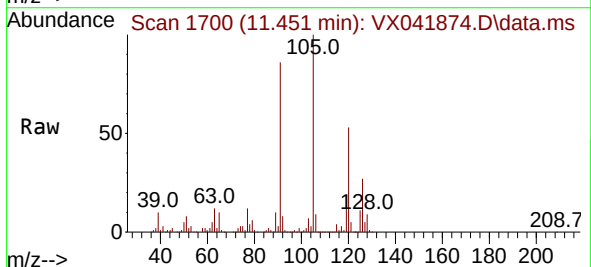
Manual Integrations
APPROVED

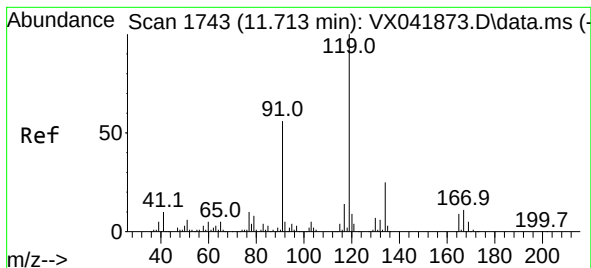
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#78
4-Chlorotoluene
Concen: 50.058 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

Tgt Ion: 91 Resp: 370323
Ion Ratio Lower Upper
91 100
126 32.6 0.0 64.8





#79

tert-butylbenzene

Concen: 50.098 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041874.D

Acq: 14 Jun 2024 13:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

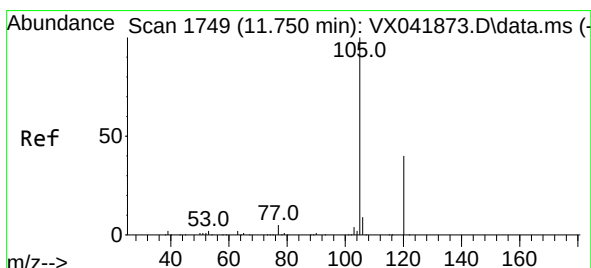
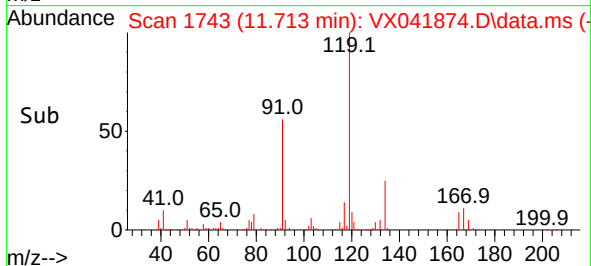
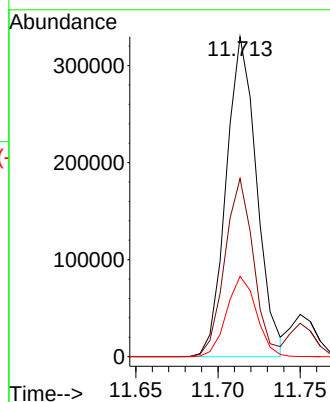
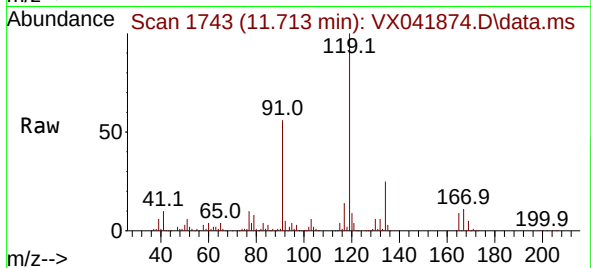
Tgt Ion:119 Resp: 425324
 Ion Ratio Lower Upper
 119 100
 91 52.7 0.0 106.0
 134 24.5 0.0 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#80

1,2,4-Trimethylbenzene

Concen: 50.494 ug/l

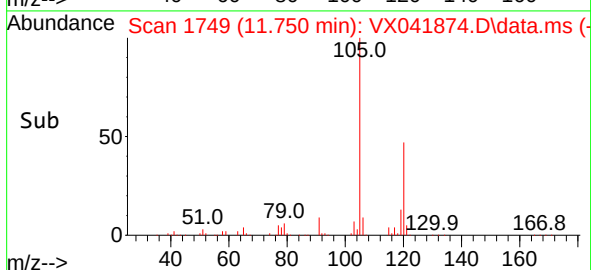
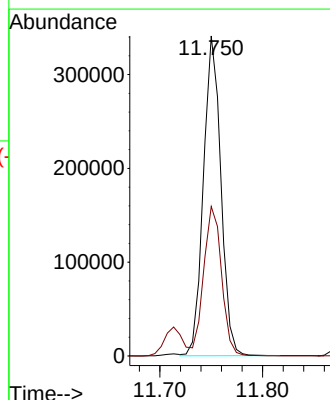
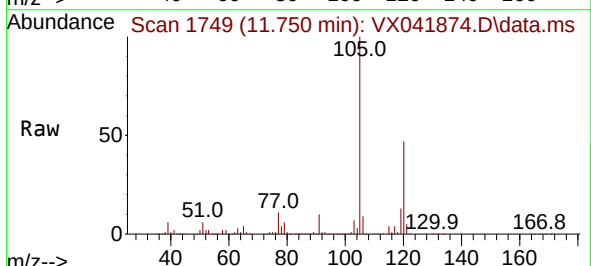
RT: 11.750 min Scan# 1749

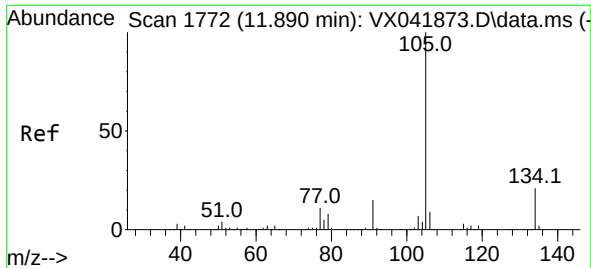
Delta R.T. 0.000 min

Lab File: VX041874.D

Acq: 14 Jun 2024 13:42

Tgt Ion:105 Resp: 403469
 Ion Ratio Lower Upper
 105 100
 120 47.4 0.0 96.2





#81
 sec-Butylbenzene
 Concen: 50.127 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041874.D
 Acq: 14 Jun 2024 13:42

Instrument :

MSVOA_X

ClientSampleId :

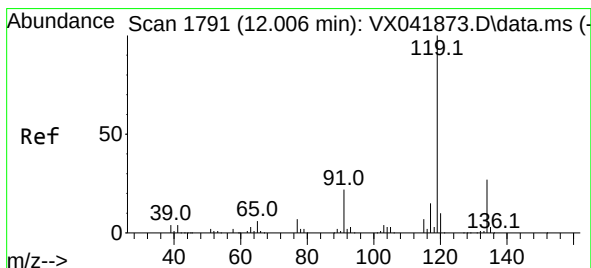
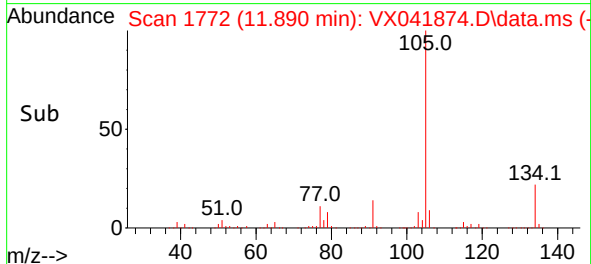
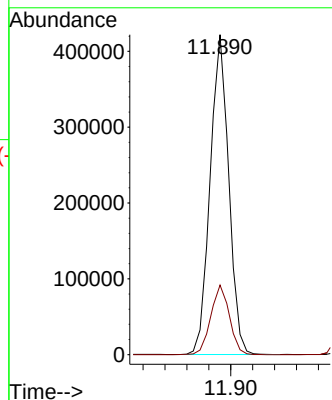
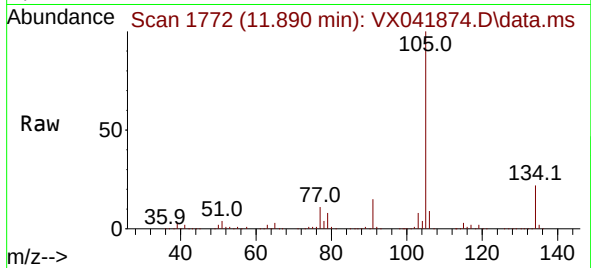
VSTDIC050

Tgt Ion:105 Resp: 496370
 Ion Ratio Lower Upper
 105 100
 134 21.8 0.0 43.2

Manual Integrations

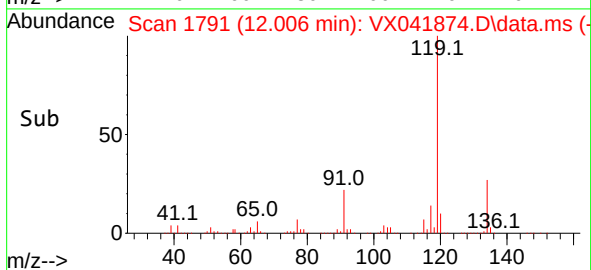
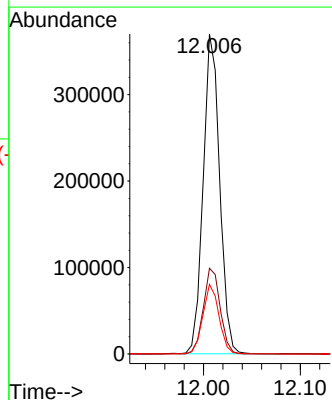
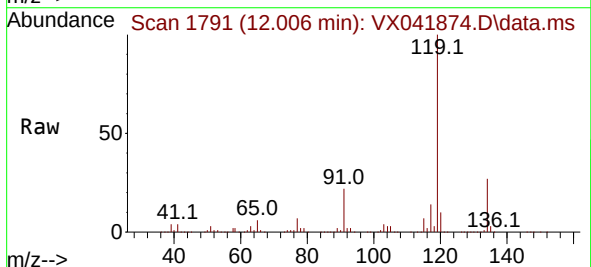
APPROVED

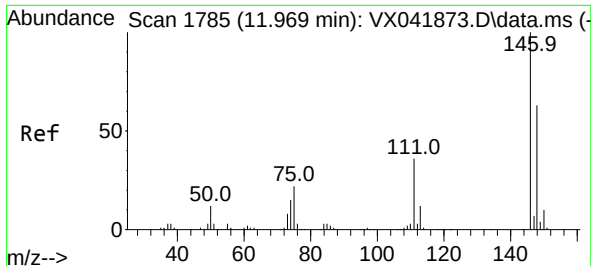
Reviewed By :John Carlone 06/17/2024
 Supervised By :Mahesh Dadoda 06/17/2024



#82
 p-Isopropyltoluene
 Concen: 50.585 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041874.D
 Acq: 14 Jun 2024 13:42

Tgt Ion:119 Resp: 438944
 Ion Ratio Lower Upper
 119 100
 134 27.4 0.0 54.0
 91 21.4 0.0 42.2





#83

1,3-Dichlorobenzene

Concen: 49.351 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041874.D

Acq: 14 Jun 2024 13:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion:146 Resp: 245038

Ion Ratio Lower Upper

146 100

111 36.2 18.0 54.0

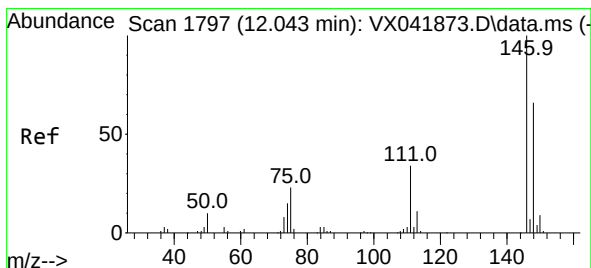
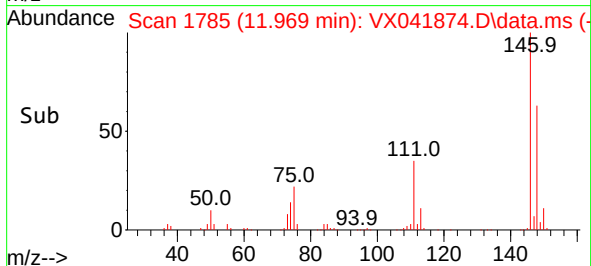
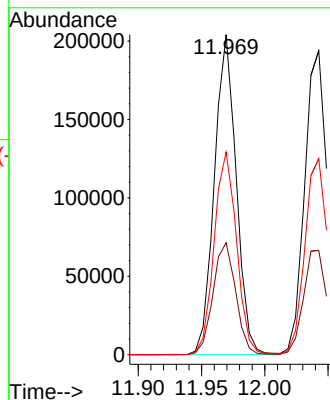
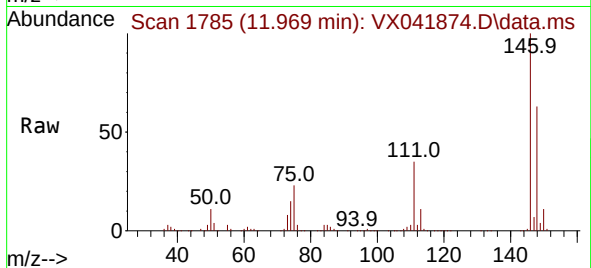
148 64.9 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#84

1,4-Dichlorobenzene

Concen: 49.483 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041874.D

Acq: 14 Jun 2024 13:42

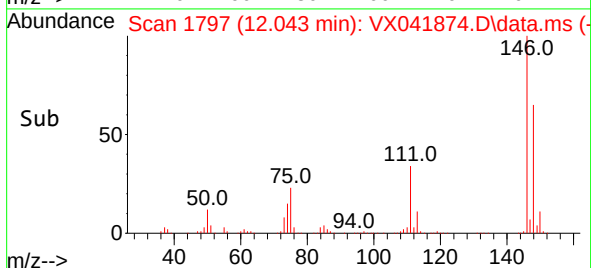
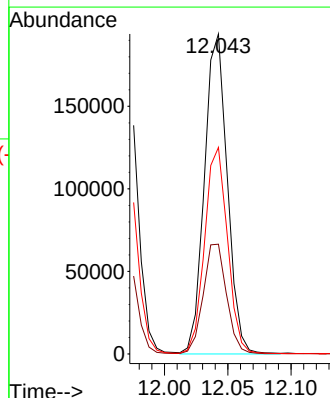
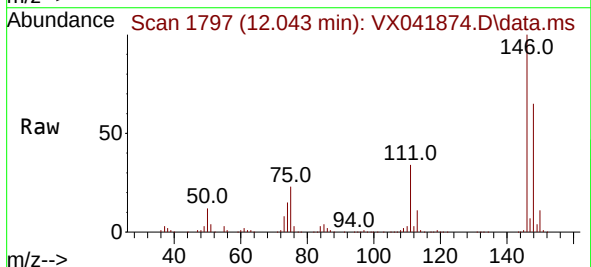
Tgt Ion:146 Resp: 244563

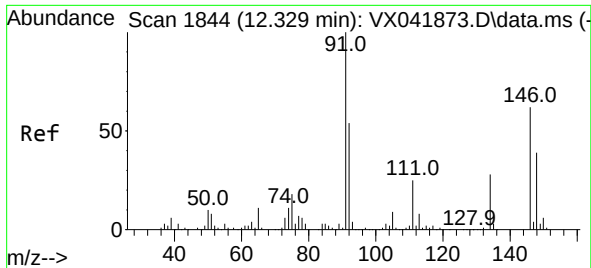
Ion Ratio Lower Upper

146 100

111 34.9 17.4 52.3

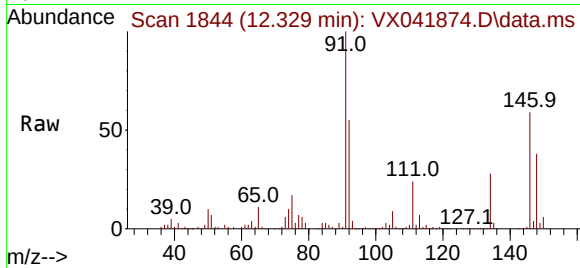
148 64.4 32.3 96.9





#85
n-Butylbenzene
Concen: 51.075 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

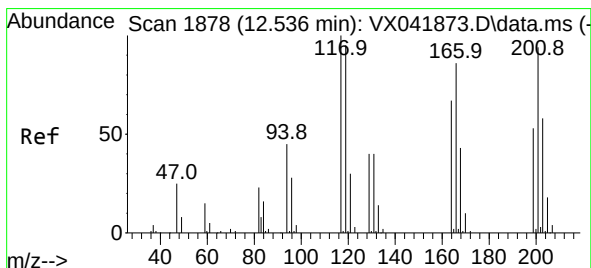
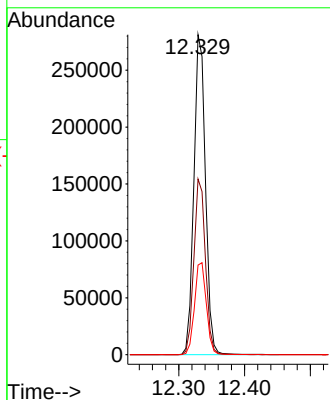
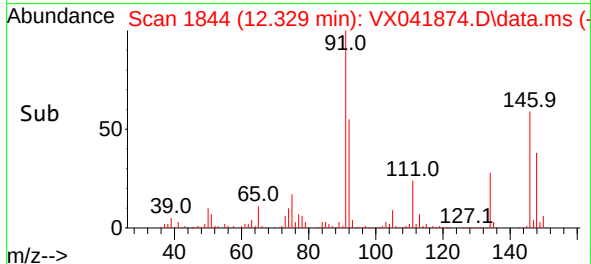
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 91 Resp: 342720
Ion Ratio Lower Upper
91 100
92 54.9 0.0 109.8
134 29.5 0.0 58.4

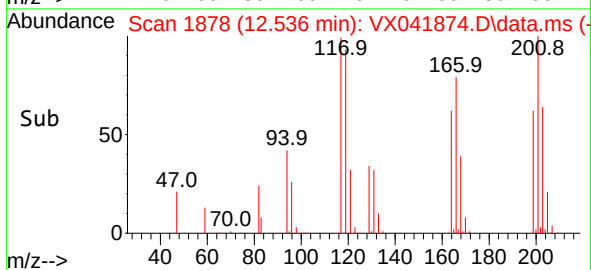
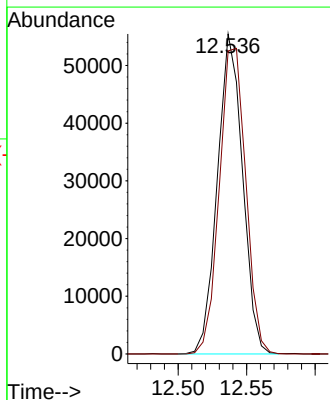
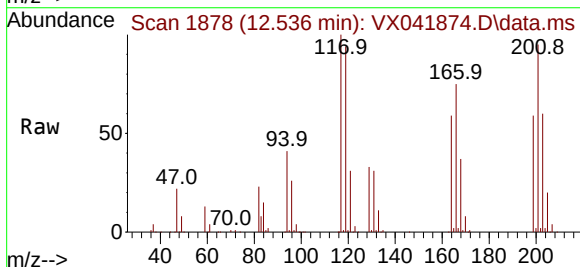
Manual Integrations
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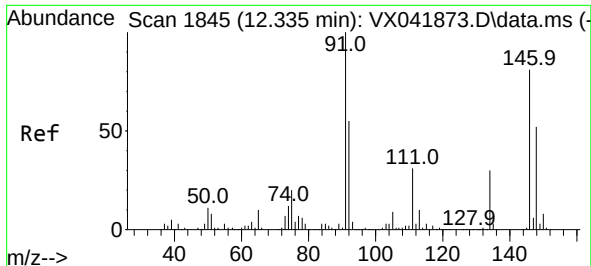
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#86
Hexachloroethane
Concen: 49.940 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

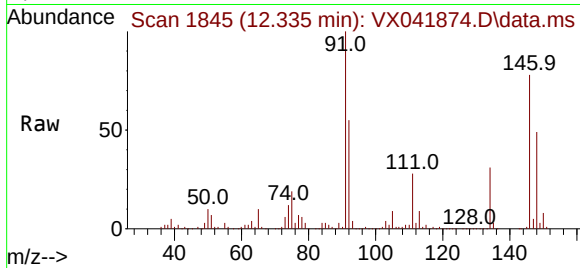
Tgt Ion:117 Resp: 70770
Ion Ratio Lower Upper
117 100
201 100.5 48.9 146.8





#87
1,2-Dichlorobenzene
Concen: 49.305 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

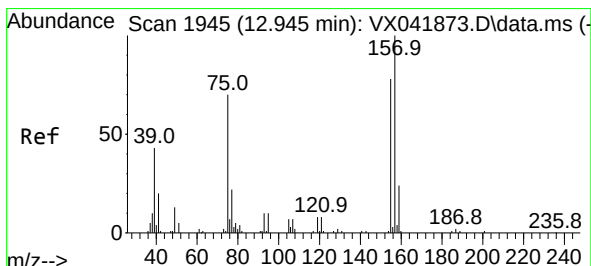
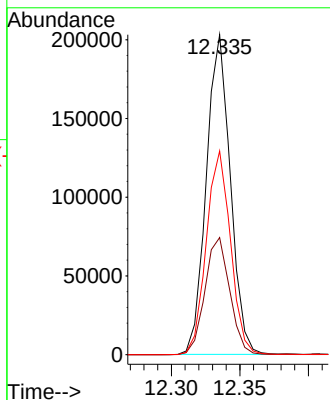
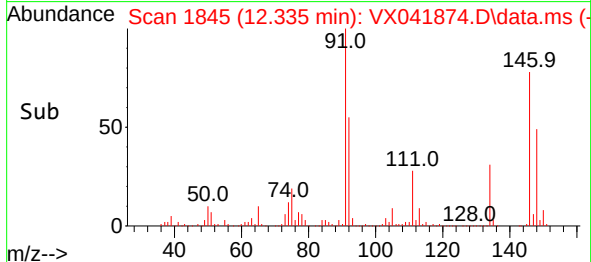
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



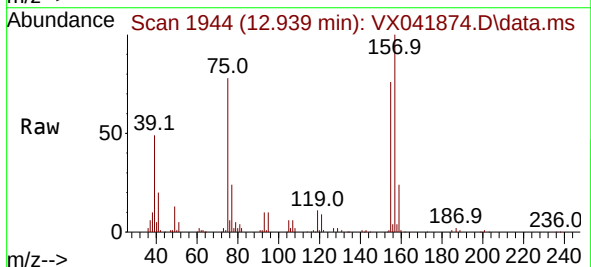
Tgt Ion:146 Resp: 24758
Ion Ratio Lower Upper
146 100
111 38.0 19.1 57.3
148 64.2 32.4 97.0

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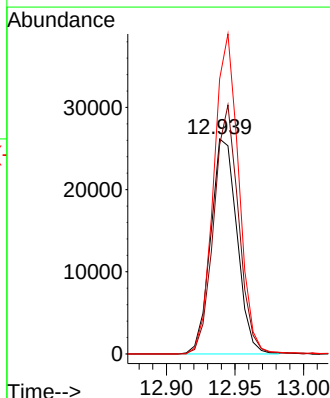
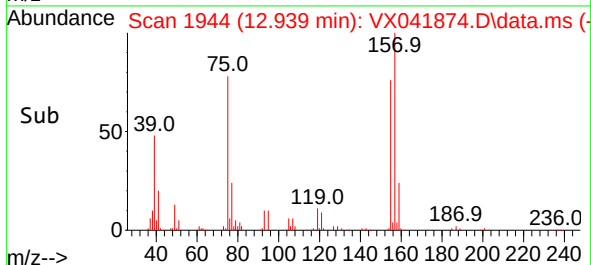
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

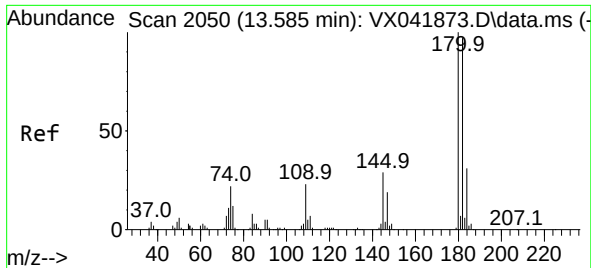


#88
1,2-Dibromo-3-Chloropropane
Concen: 51.183 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42



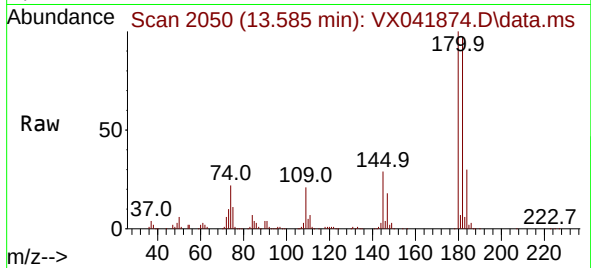
Tgt Ion: 75 Resp: 34979
Ion Ratio Lower Upper
75 100
155 108.4 88.6 133.0
157 141.2 112.8 169.2





#89
1,2,4-Trichlorobenzene
Concen: 49.832 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

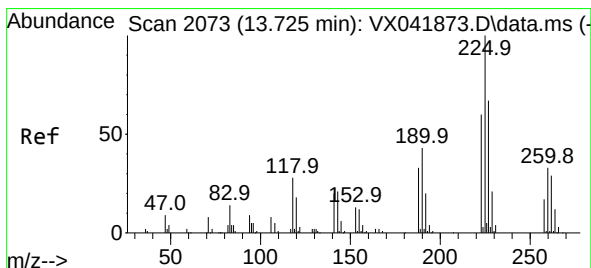
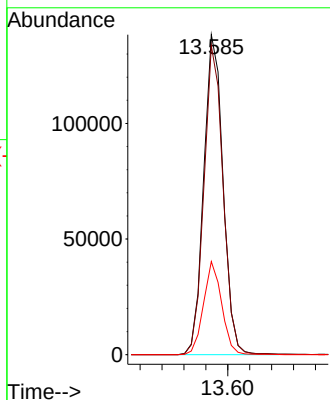
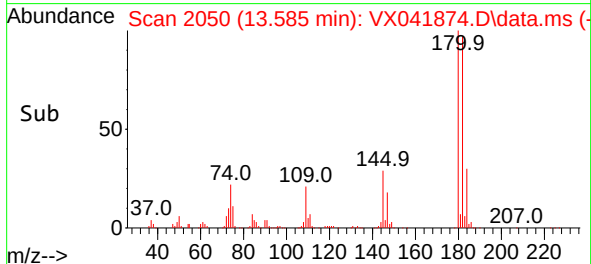
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion:180 Resp: 16938
Ion Ratio Lower Upper
180 100
182 95.7 76.9 115.3
145 27.5 22.8 34.2

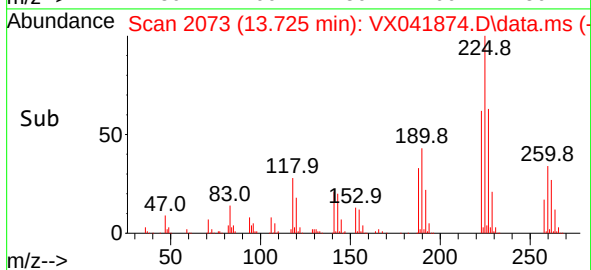
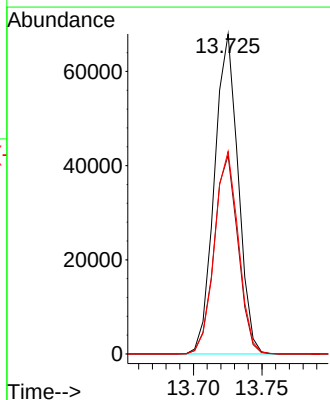
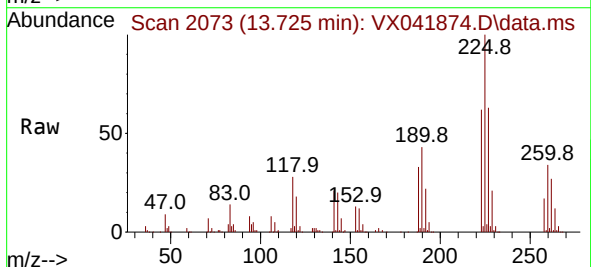
Manual Integrations
APPROVED

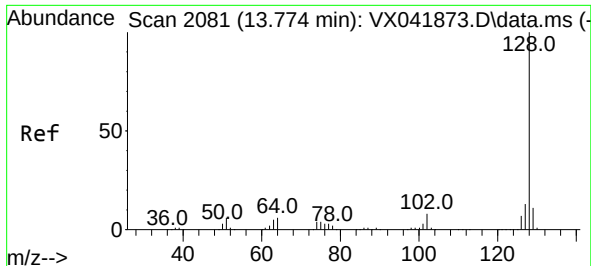
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#90
Hexachlorobutadiene
Concen: 48.757 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

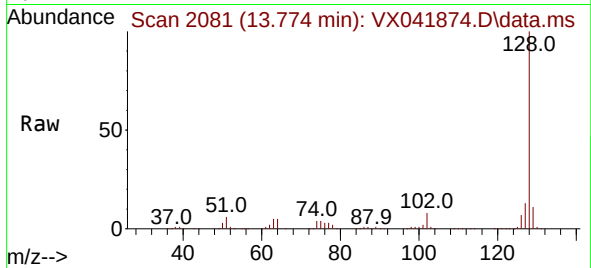
Tgt Ion:225 Resp: 81667
Ion Ratio Lower Upper
225 100
223 62.3 0.0 120.8
227 63.8 0.0 126.6





#91
Naphthalene
Concen: 51.057 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42

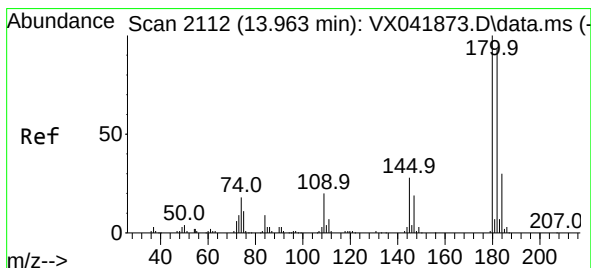
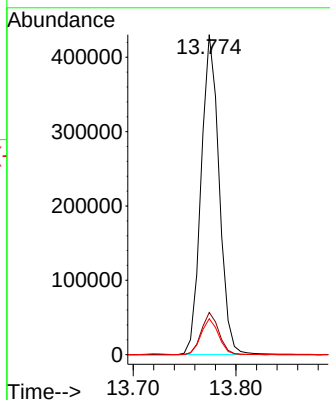
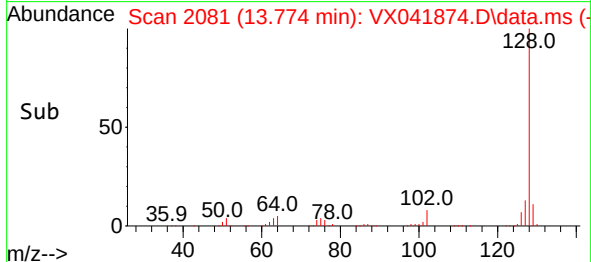
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



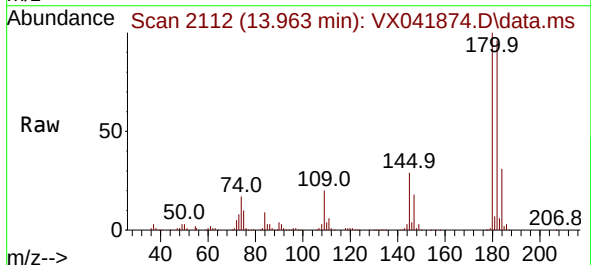
Tgt Ion:128 Resp: 524390
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.0 8.7 13.1

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 49.326 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX041874.D
Acq: 14 Jun 2024 13:42



Tgt Ion:180 Resp: 173643
Ion Ratio Lower Upper
180 100
182 96.2 0.0 187.8
145 29.9 0.0 58.4

