

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061424\
 Data File : VX041875.D
 Acq On : 14 Jun 2024 14:06
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 15 03:40:30 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	4.904	128	29746	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	179425	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	165184	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	63027	30.780	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.600%			
60) 4-Bromofluorobenzene	11.079	95	77348	30.250	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.833%			
63) Toluene-d8	8.647	98	209772	29.683	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.933%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	204587	106.249	ug/l	97
3) Chloromethane	1.301	50	219864	102.146	ug/l	98
4) Vinyl Chloride	1.374	62	223516	106.187	ug/l	99
5) Bromomethane	1.599	94	116761	103.768	ug/l	100
6) Chloroethane	1.666	64	90175	100.270	ug/l	99
7) Trichlorofluoromethane	1.861	101	272113	102.649	ug/l	100
8) Diethyl Ether	2.136	74	121696	106.078	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.313	101	189783	105.310	ug/l	99
10) 1,1-Dichloroethene	2.307	96	192642	105.970	ug/l	97
11) Methyl Iodide	2.441	142	260011	109.892	ug/l	99
12) Methyl Acetate	2.715	43	241042	103.999	ug/l	99
13) Acrolein	2.246	56	247577	529.767	ug/l	100
14) Acrylonitrile	3.075	53	582080	529.134	ug/l	97
15) Acetone	2.398	58	156553	497.481	ug/l	93
16) Carbon Disulfide	2.502	76	462230	116.021	ug/l	100
17) Allyl chloride	2.660	41	292400	105.907	ug/l	100
18) Methylene Chloride	2.782	84	210467	100.935	ug/l	96
19) trans-1,2-Dichloroethene	3.087	96	195831	107.535	ug/l	98
20) Diisopropyl ether	3.770	45	600684	105.849	ug/l	95
21) 1,1-Dichloroethane	3.605	63	344941	106.411	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	236111	107.107	ug/l	98
23) tert-Butyl Alcohol	3.014	59	222459	515.531	ug/l #	100
24) Methyl tert-Butyl Ether	3.123	73	603510	107.321	ug/l	99
25) Chloroform	5.099	83	348287	105.722	ug/l	99
26) Cyclohexane	5.464	56	303143	107.669	ug/l #	99
29) 1,1-Dichloropropene	5.690	75	242064	103.367	ug/l	99
30) 2-Butanone	4.574	43	798232	510.140	ug/l	100
31) 2,2-Dichloropropane	4.471	77	270872	105.563	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	310752	104.731	ug/l	99
33) Carbon Tetrachloride	5.672	117	272885	106.587	ug/l	97
34) Benzene	6.038	78	791283	101.432	ug/l	99
35) Methacrylonitrile	4.928	41	162637	103.481	ug/l	94
36) 1,2-Dichloroethane	6.086	62	245525	101.028	ug/l	99
37) Trichloroethene	7.123	130	220777	103.611	ug/l	99
38) Methylcyclohexane	7.379	83	325323	104.881	ug/l	98
39) 1,2-Dichloropropane	7.434	63	191396	102.998	ug/l	99
40) Dibromomethane	7.580	93	140651	102.318	ug/l	98
41) Bromodichloromethane	7.824	83	263798	107.118	ug/l	99
42) Vinyl Acetate	3.727	43	2742722	523.669	ug/l	99

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 ClientSampleId :
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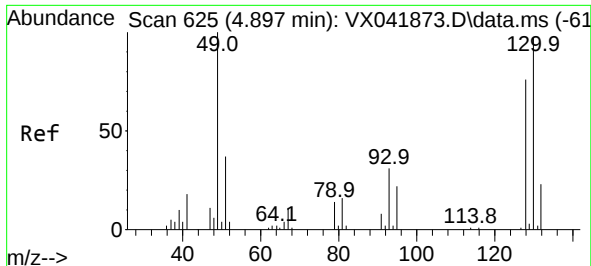
Manual Integrations
 APPROVED

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

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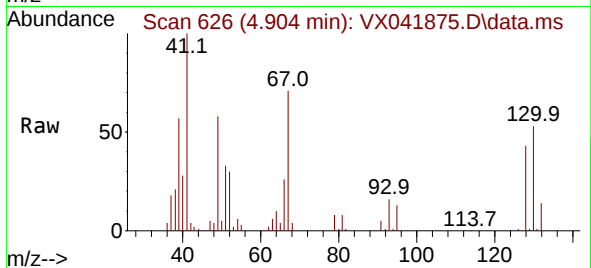
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.727	43	299153	101.965	ug/l	98
44) Isopropyl Acetate	6.348	43	458292	104.292	ug/l	100
45) 1,4-Dioxane	7.665	88	111048m	2038.287	ug/l	
46) Methyl methacrylate	7.696	41	228795	106.489	ug/l	99
47) n-amyl Acetate	10.842	43	427667	108.440	ug/l	97
48) t-1,3-Dichloropropene	8.976	75	278980	110.024	ug/l	100
49) cis-1,3-Dichloropropene	8.366	75	310282	109.091	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	200396	100.258	ug/l	99
51) Ethyl methacrylate	9.116	69	340911	107.364	ug/l	100
52) 1,3-Dichloropropane	9.305	76	328930	100.660	ug/l	99
53) Dibromochloromethane	9.519	129	237516	108.584	ug/l	99
54) 1,2-Dibromoethane	9.610	107	213141	101.119	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	756694	511.985	ug/l	100
56) Bromoform	10.799	173	197234	110.580	ug/l	99
58) 4-Methyl-2-Pentanone	8.580	43	1515292	511.930	ug/l	99
59) 2-Hexanone	9.433	43	1189022	520.450	ug/l	98
61) Tetrachloroethene	9.275	164	210457	101.251	ug/l	98
62) Toluene	8.720	91	857149	102.543	ug/l	100
64) Chlorobenzene	10.079	112	579675	101.839	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	207951	105.782	ug/l	98
66) Ethyl Benzene	10.195	91	946185	103.537	ug/l	100
67) m/p-Xylenes	10.299	106	762630	207.469	ug/l	97
68) o-Xylene	10.640	106	379262	103.487	ug/l	98
69) Styrene	10.653	104	651272	106.344	ug/l	99
70) Isopropylbenzene	10.963	105	955589	103.703	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	326039	102.237	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	260198m	95.190	ug/l	
73) Bromobenzene	11.201	156	278902	103.765	ug/l	99
74) n-propylbenzene	11.305	91	1062778	104.993	ug/l	99
75) 2-Chlorotoluene	11.366	91	652331	101.487	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	802324	103.930	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	110743	115.896	ug/l	87
78) 4-Chlorotoluene	11.451	91	742001	103.916	ug/l	99
79) tert-butylbenzene	11.713	119	858272	104.739	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	813310	105.455	ug/l	99
81) sec-Butylbenzene	11.890	105	1004438	105.093	ug/l	99
82) p-Isopropyltoluene	12.006	119	896373	107.024	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	498166	103.949	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	506437	106.164	ug/l	99
85) n-Butylbenzene	12.329	91	723755	111.750	ug/l	100
86) Hexachloroethane	12.536	117	152294	111.344	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	509026	105.025	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.939	75	73377	111.240	ug/l	97
89) 1,2,4-Trichlorobenzene	13.585	180	371090	113.108	ug/l	98
90) Hexachlorobutadiene	13.725	225	167043	103.325	ug/l	97
91) Naphthalene	13.774	128	1120659	113.047	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	377278	111.037	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: VX041875.D
Acq: 14 Jun 2024 14:06

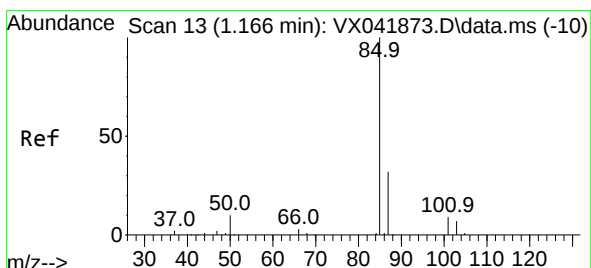
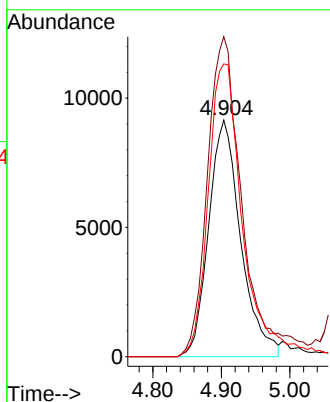
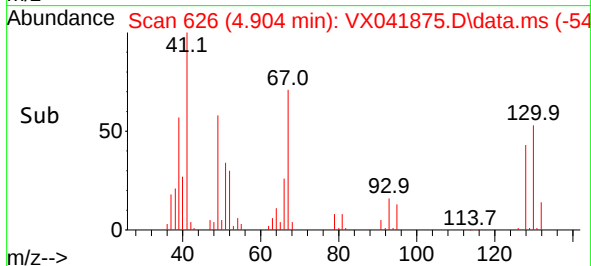
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:128 Resp: 29740
Ion Ratio Lower Upper
128 100
49 142.3 0.0 338.5
130 129.9 0.0 324.5

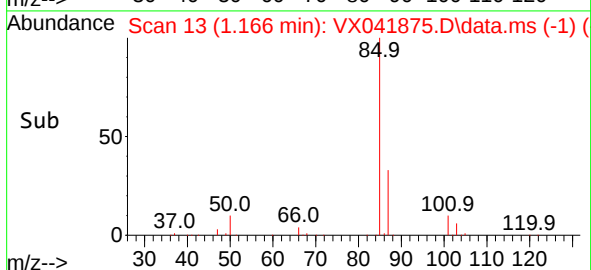
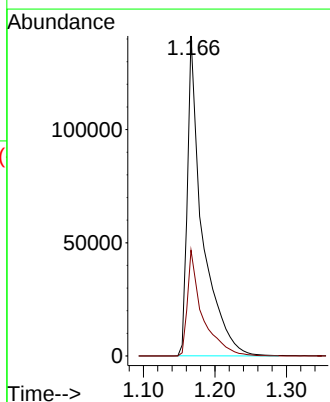
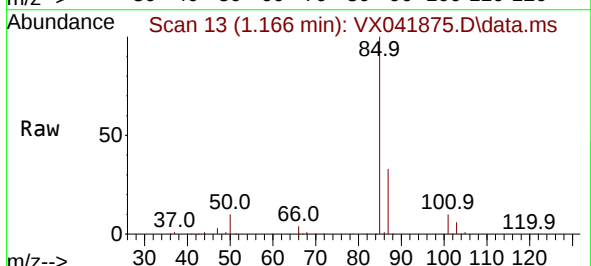
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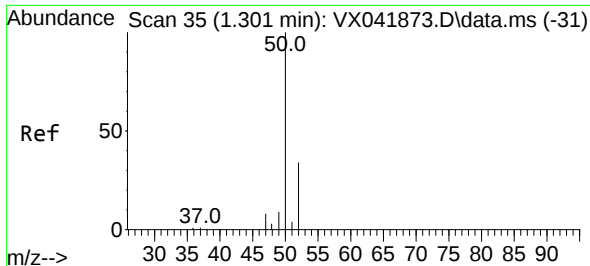
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#2
Dichlorodifluoromethane
Concen: 106.249 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

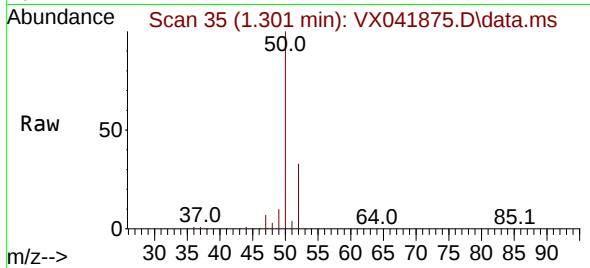
Tgt Ion: 85 Resp: 204587
Ion Ratio Lower Upper
85 100
87 33.1 15.8 47.3





#3
Chloromethane
Concen: 102.146 ug/l
RT: 1.301 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

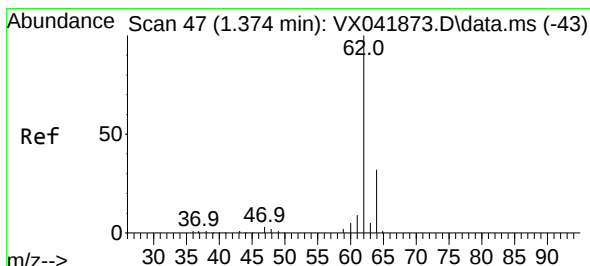
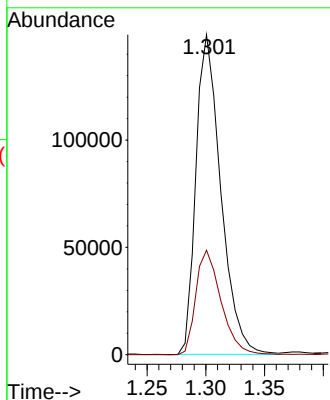
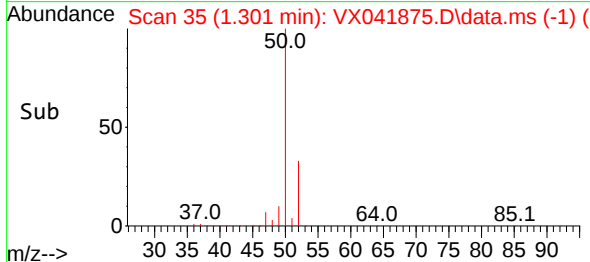
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 50 Resp: 219864
Ion Ratio Lower Upper
50 100
52 32.7 26.9 40.3

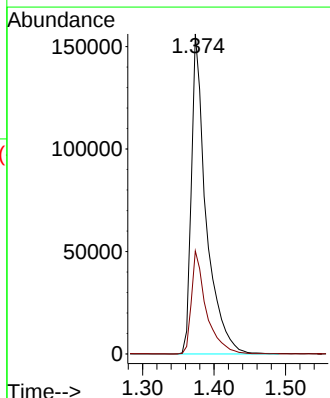
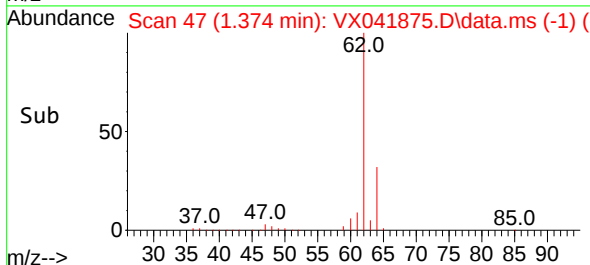
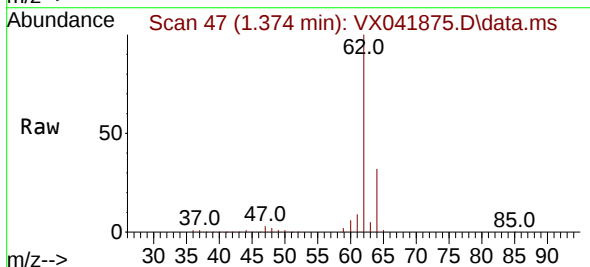
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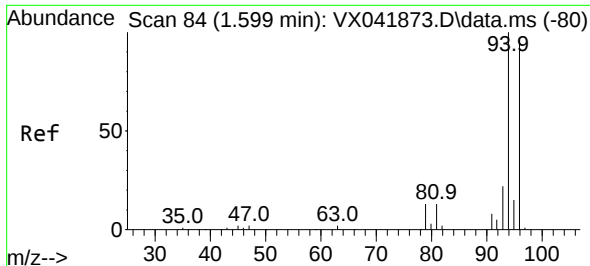
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#4
Vinyl Chloride
Concen: 106.187 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

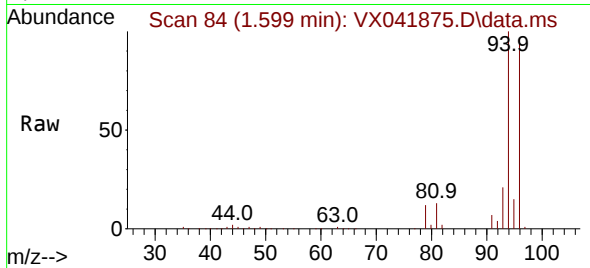
Tgt Ion: 62 Resp: 223516
Ion Ratio Lower Upper
62 100
64 32.2 26.1 39.1





#5
Bromomethane
Concen: 103.768 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

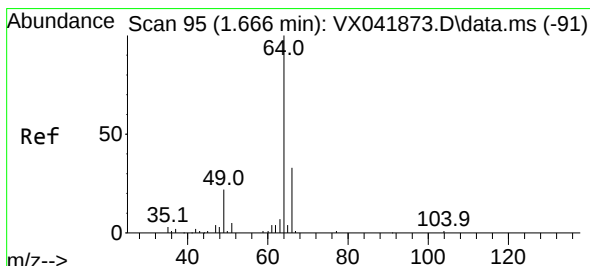
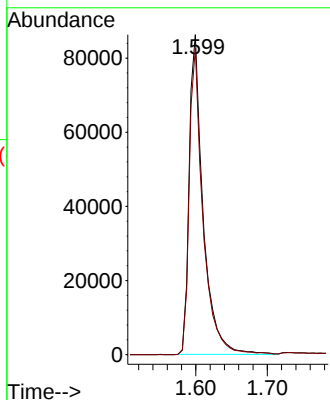
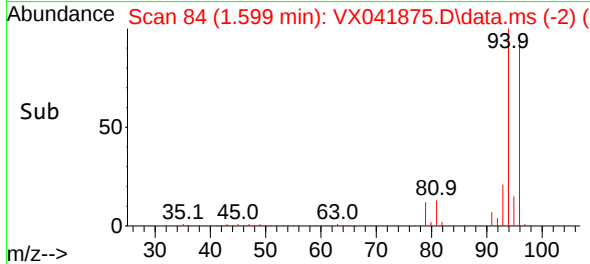
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 94 Resp: 11676
Ion Ratio Lower Upper
94 100
96 95.8 76.6 115.0

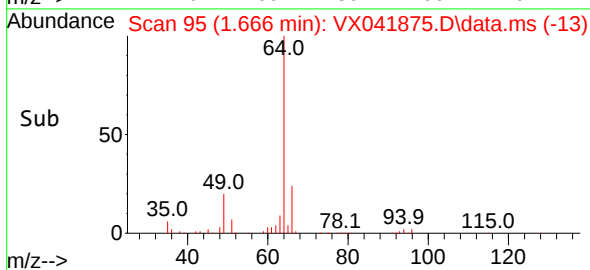
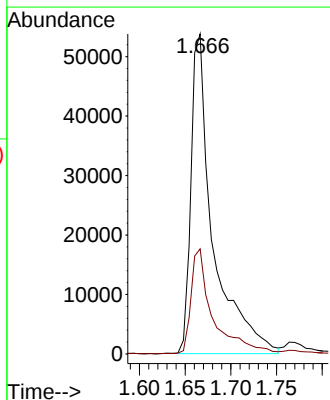
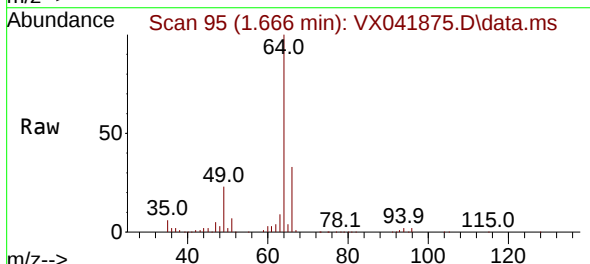
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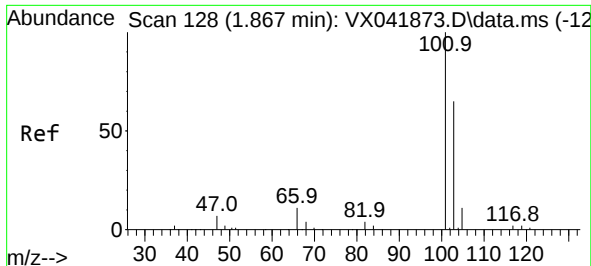
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#6
Chloroethane
Concen: 100.270 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

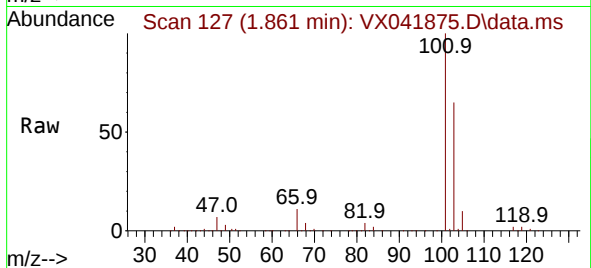
Tgt Ion: 64 Resp: 90175
Ion Ratio Lower Upper
64 100
66 32.7 26.4 39.6





#7
Trichlorofluoromethane
Concen: 102.649 ug/l
RT: 1.861 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

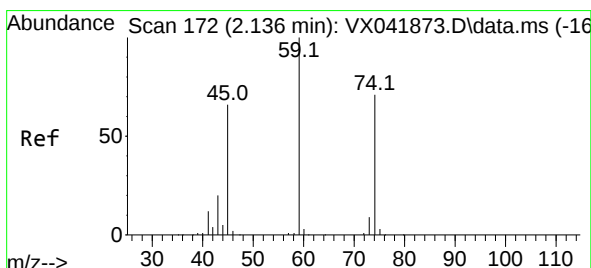
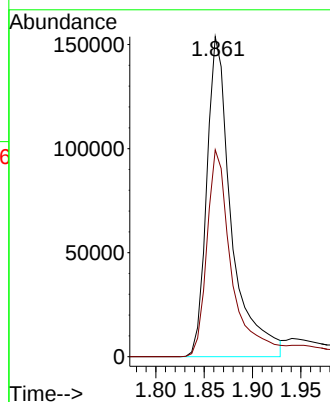
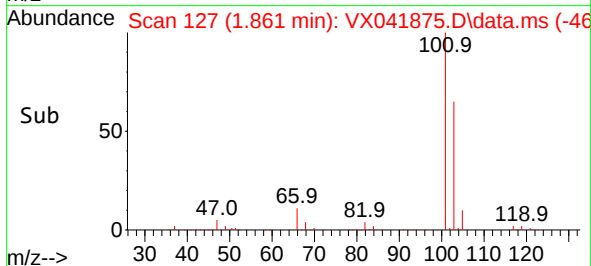
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:101 Resp: 27211
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.8

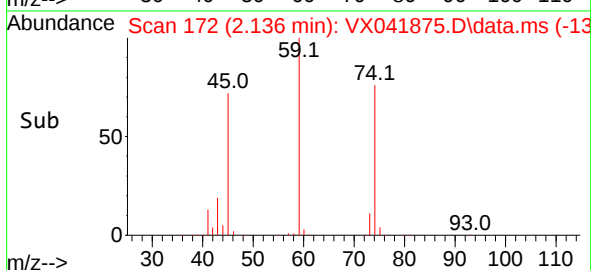
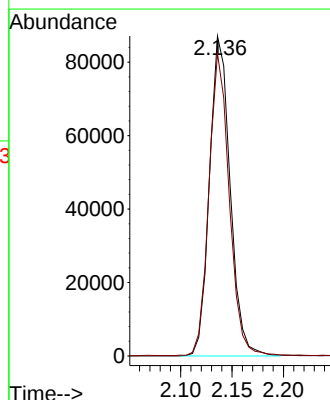
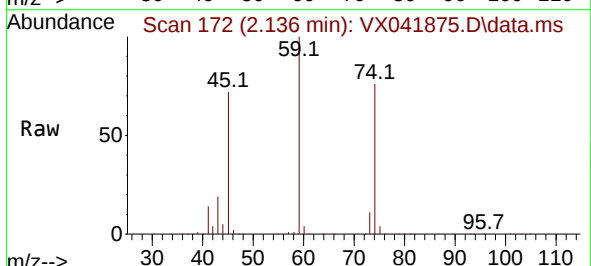
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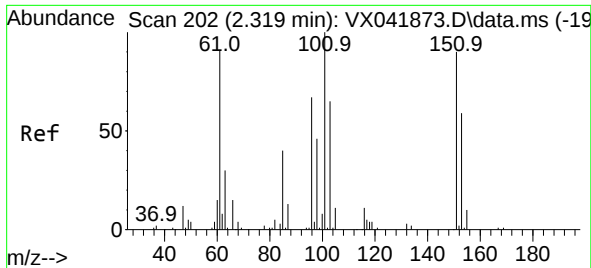
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#8
Diethyl Ether
Concen: 106.078 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

Tgt Ion: 74 Resp: 121696
Ion Ratio Lower Upper
74 100
45 92.7 18.7 168.7





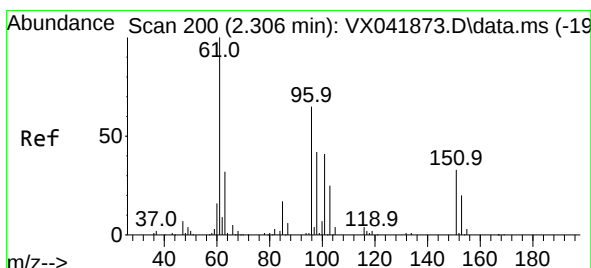
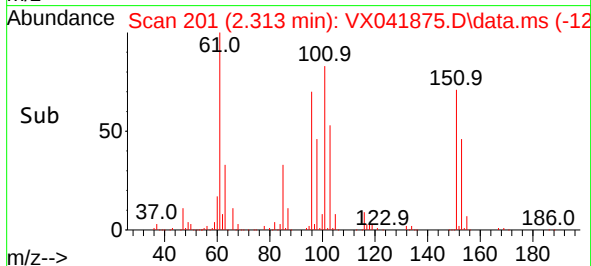
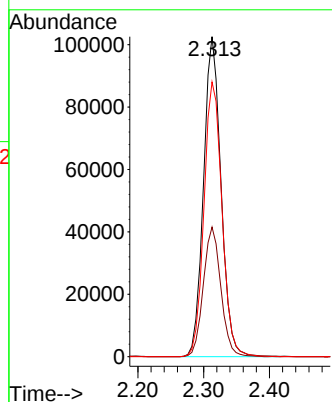
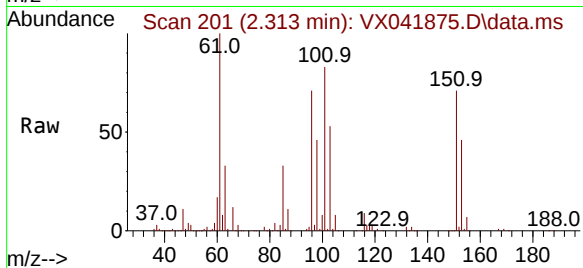
#9
1,1,2-Trichlorotrifluoroethane
Concen: 105.310 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 18978
Ion Ratio Lower Upper
101 100
85 40.5 0.0 80.4
151 88.4 0.0 175.2

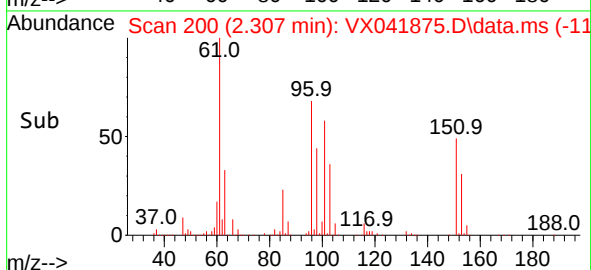
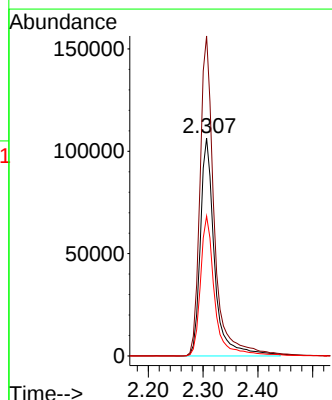
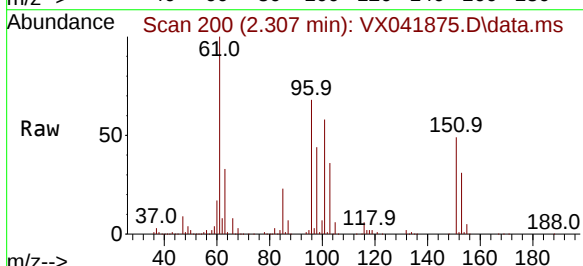
Manual Integrations
APPROVED

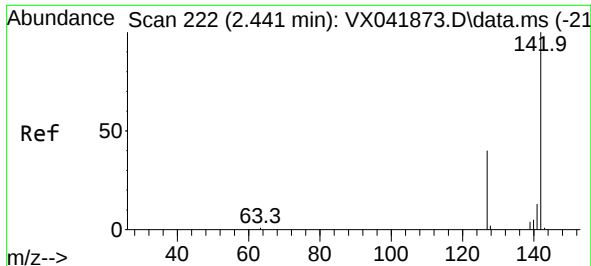
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#10
1,1-Dichloroethene
Concen: 105.970 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

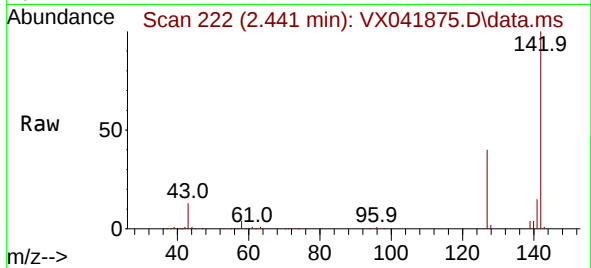
Tgt Ion: 96 Resp: 192642
Ion Ratio Lower Upper
96 100
61 146.9 122.3 183.5
98 64.2 51.5 77.3





#11
Methyl Iodide
Concen: 109.892 ug/l
RT: 2.441 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

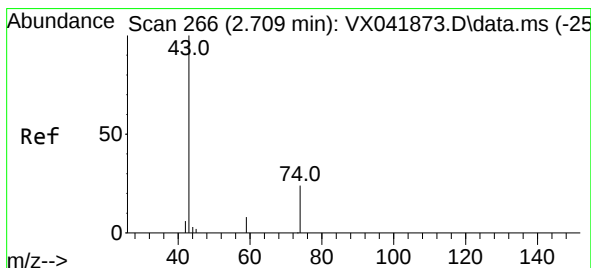
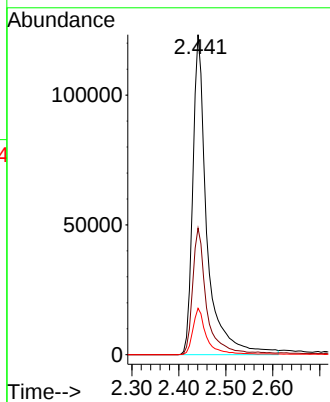
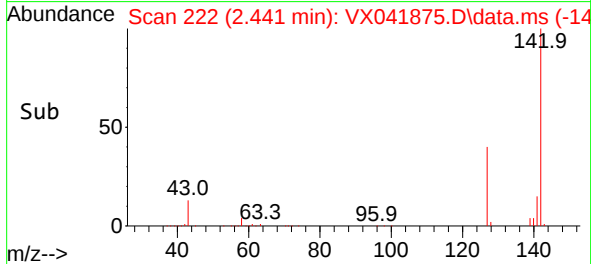
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:142 Resp: 26001
Ion Ratio Lower Upper
142 100
127 39.5 19.8 59.3
141 14.5 6.7 20.1

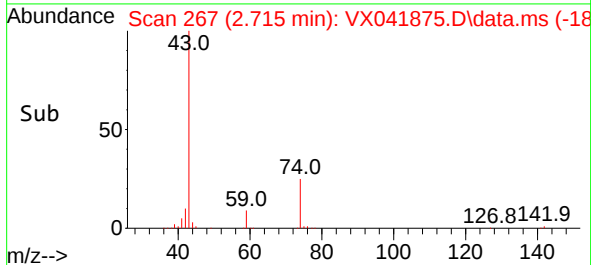
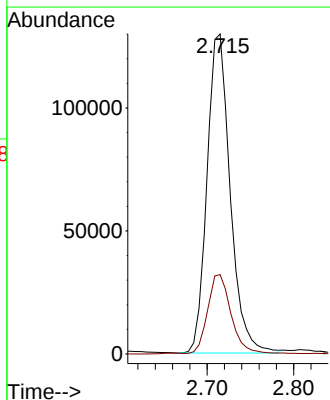
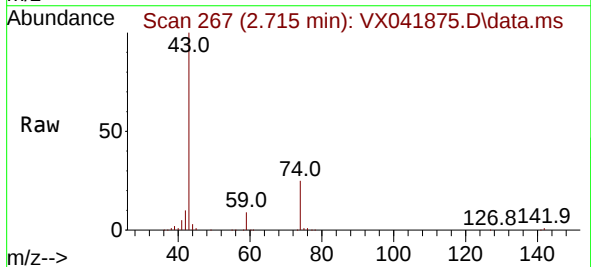
Manual Integrations
APPROVED

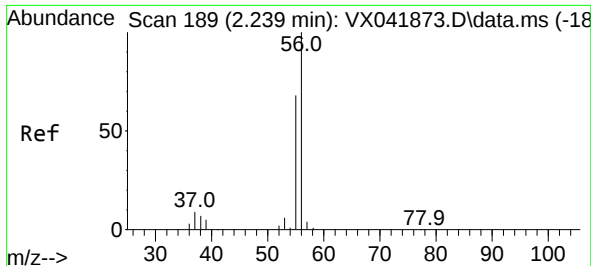
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#12
Methyl Acetate
Concen: 103.999 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

Tgt Ion: 43 Resp: 241042
Ion Ratio Lower Upper
43 100
74 24.7 19.4 29.2





#13

Acrolein

Concen: 529.767 ug/l

RT: 2.246 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX041875.D

Acq: 14 Jun 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 56 Resp: 24757

Ion Ratio Lower Upper

56 100

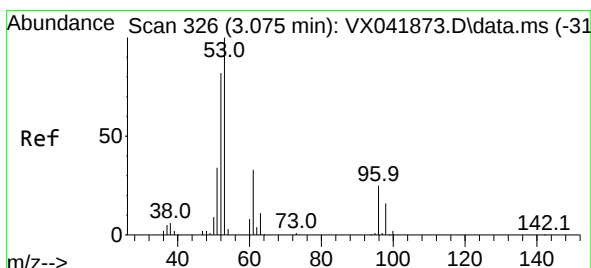
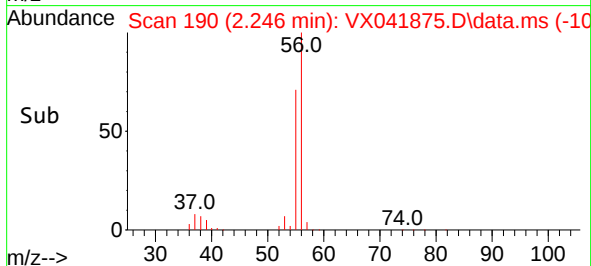
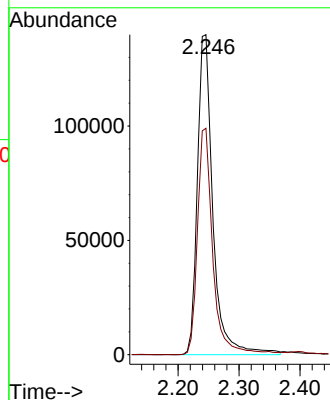
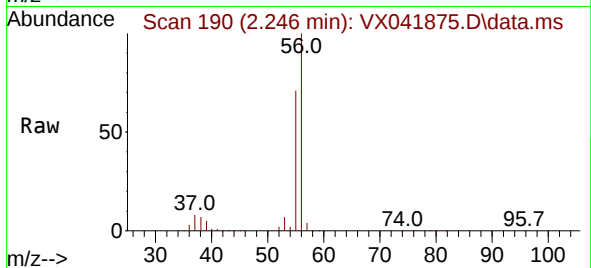
55 69.3 55.4 83.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#14

Acrylonitrile

Concen: 529.134 ug/l

RT: 3.075 min Scan# 326

Delta R.T. 0.000 min

Lab File: VX041875.D

Acq: 14 Jun 2024 14:06

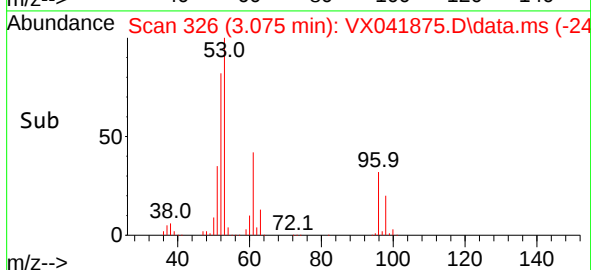
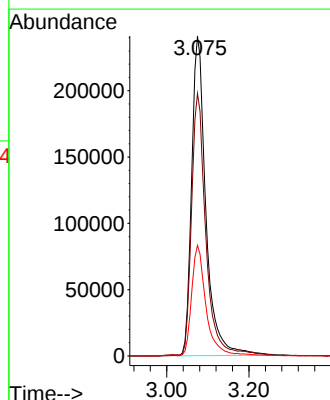
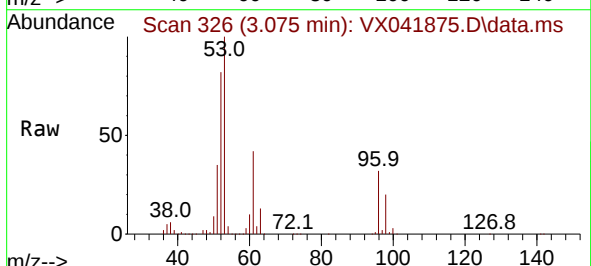
Tgt Ion: 53 Resp: 582080

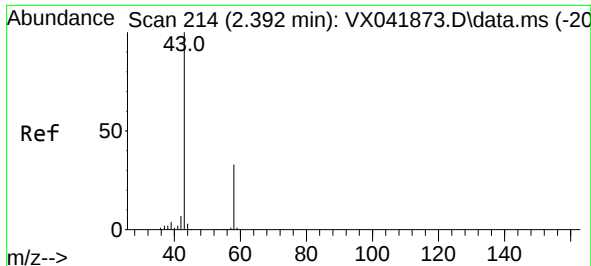
Ion Ratio Lower Upper

53 100

52 82.5 39.9 119.7

51 33.7 17.4 52.3





#15

Acetone

Concen: 497.481 ug/l

RT: 2.398 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX041875.D

Acq: 14 Jun 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 58 Resp: 15655

Ion Ratio Lower Upper

58 100

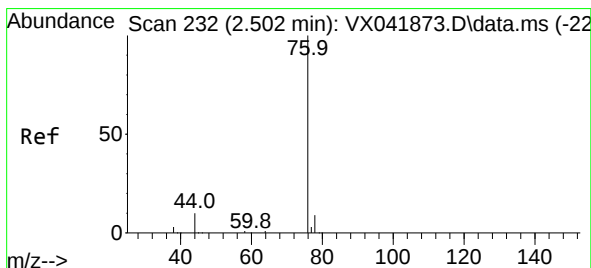
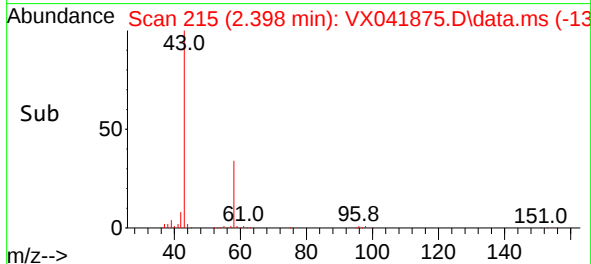
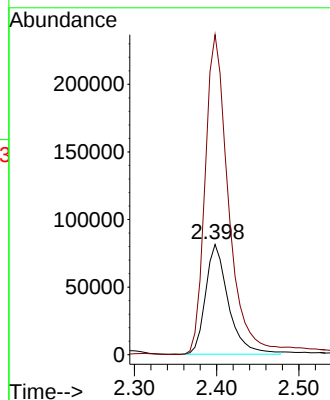
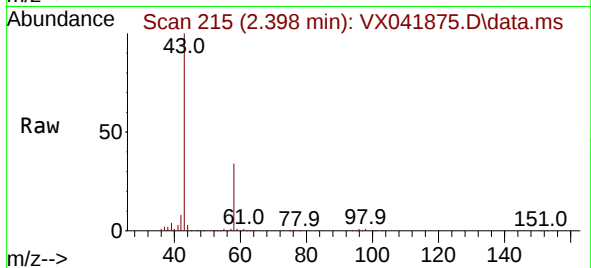
43 291.4 243.4 365.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#16

Carbon Disulfide

Concen: 116.021 ug/l

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX041875.D

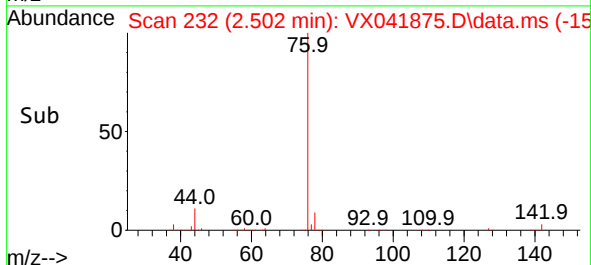
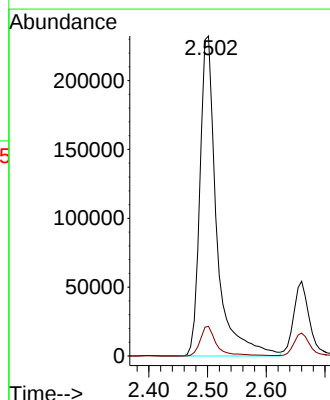
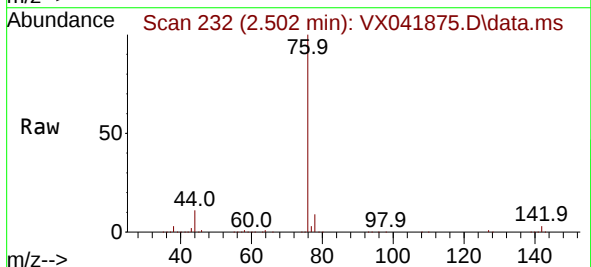
Acq: 14 Jun 2024 14:06

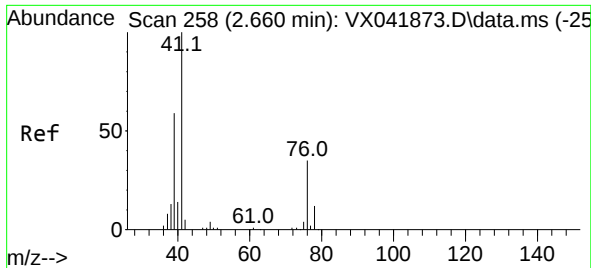
Tgt Ion: 76 Resp: 462230

Ion Ratio Lower Upper

76 100

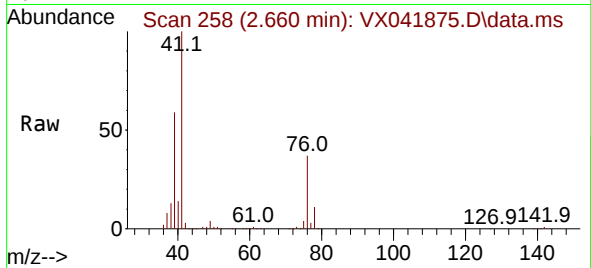
78 9.2 7.3 10.9





#17
 Allyl chloride
 Concen: 105.907 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. 0.000 min
 Lab File: VX041875.D
 Acq: 14 Jun 2024 14:06

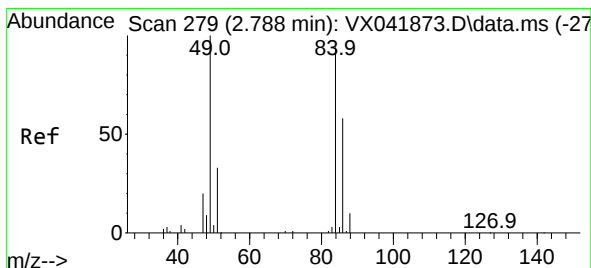
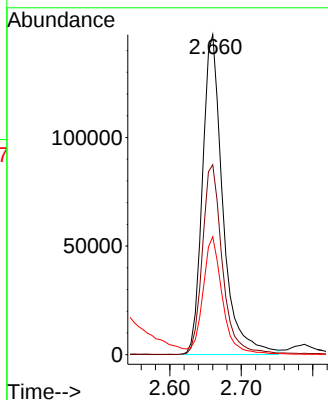
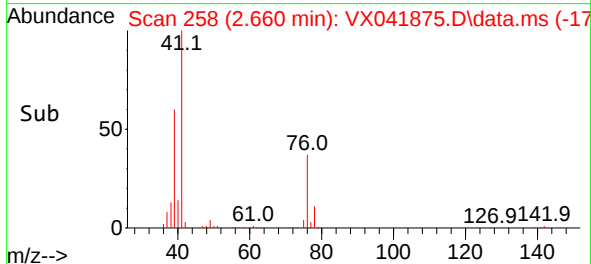
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



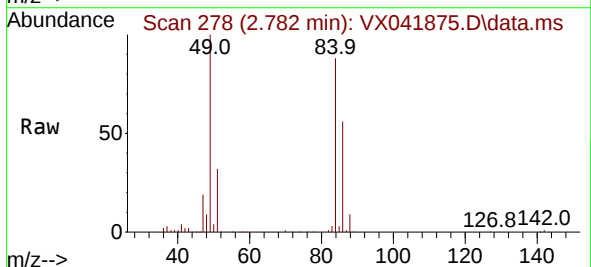
Tgt Ion: 41 Resp: 292400
 Ion Ratio Lower Upper
 41 100
 39 59.3 29.6 88.8
 76 36.5 18.1 54.4

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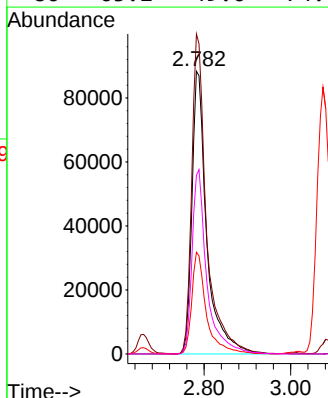
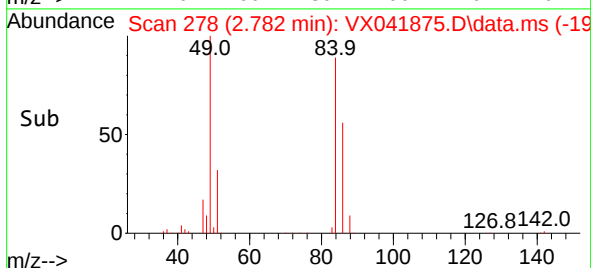
Reviewed By :John Carlone 06/17/2024
 Supervised By :Mahesh Dadoda 06/17/2024

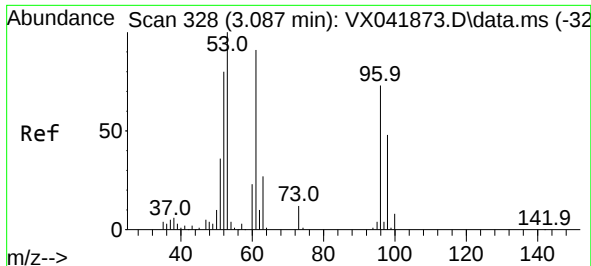


#18
 Methylene Chloride
 Concen: 100.935 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.006 min
 Lab File: VX041875.D
 Acq: 14 Jun 2024 14:06



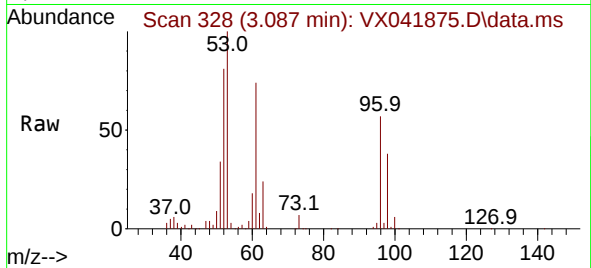
Tgt Ion: 84 Resp: 210467
 Ion Ratio Lower Upper
 84 100
 49 113.1 85.3 127.9
 51 35.9 28.5 42.7
 86 63.2 49.6 74.4





#19
trans-1,2-Dichloroethene
Concen: 107.535 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

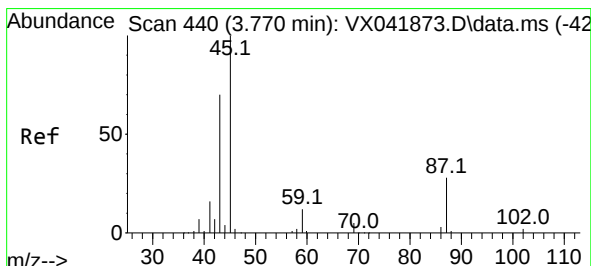
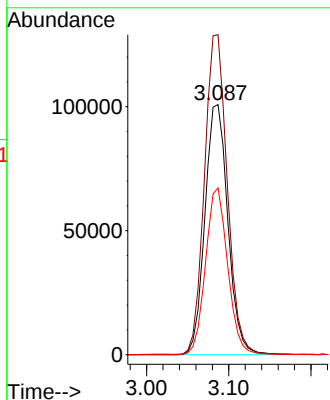
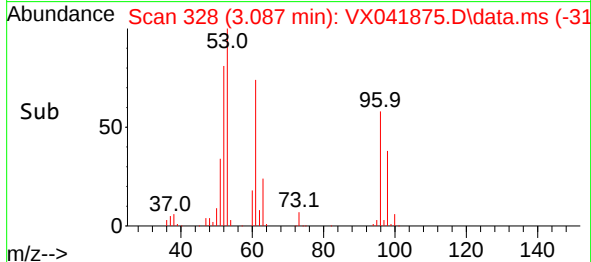
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



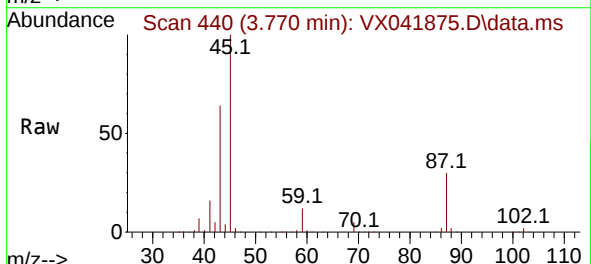
Tgt Ion: 96 Resp: 19583
Ion Ratio Lower Upper
96 100
61 127.8 100.1 150.1
98 66.7 52.1 78.1

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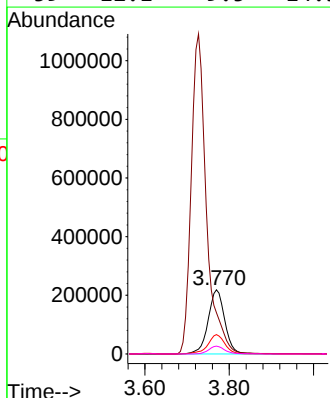
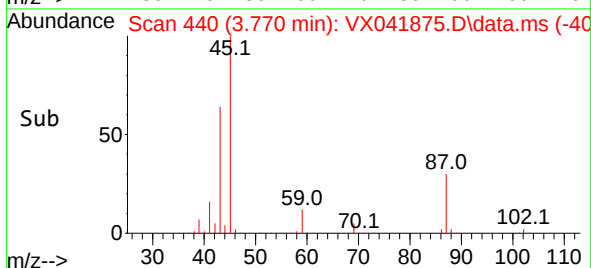
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

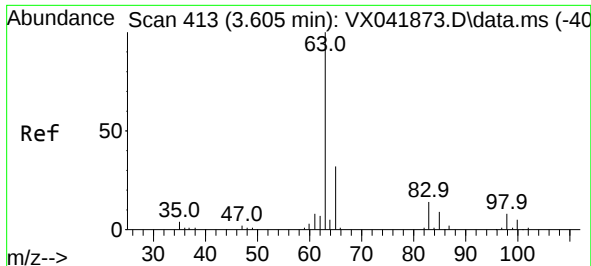


#20
Diisopropyl ether
Concen: 105.849 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06



Tgt Ion: 45 Resp: 600684
Ion Ratio Lower Upper
45 100
43 64.0 55.8 83.8
87 30.1 22.6 34.0
59 12.1 9.5 14.3





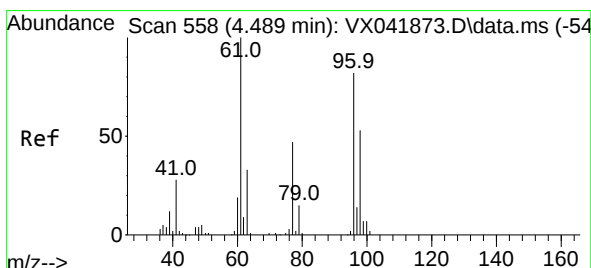
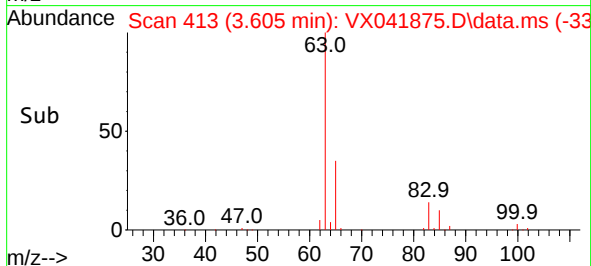
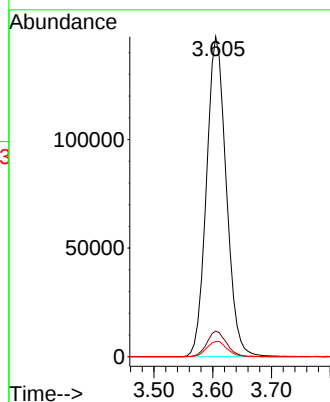
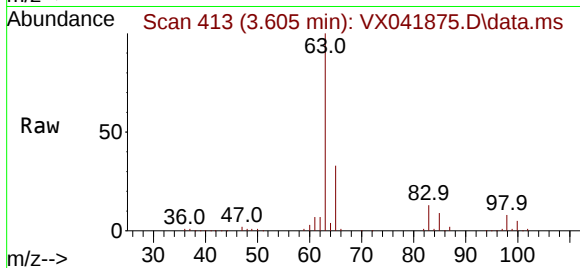
#21
1,1-Dichloroethane
Concen: 106.411 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 34494
Ion Ratio Lower Upper
63 100
98 8.0 4.2 12.4
100 4.7 2.5 7.4

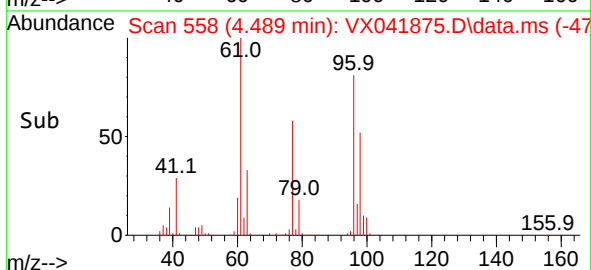
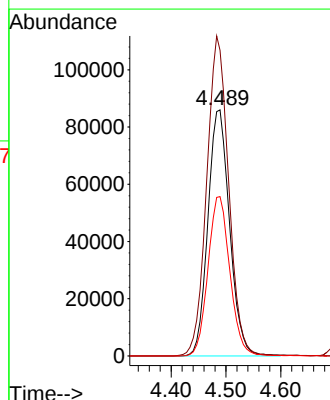
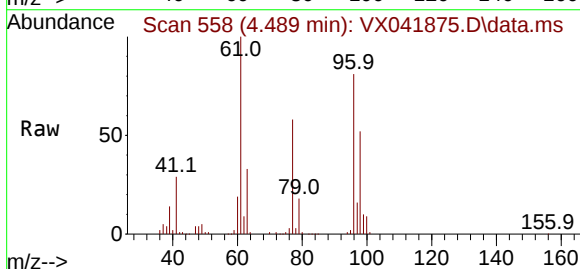
Manual Integrations
APPROVED

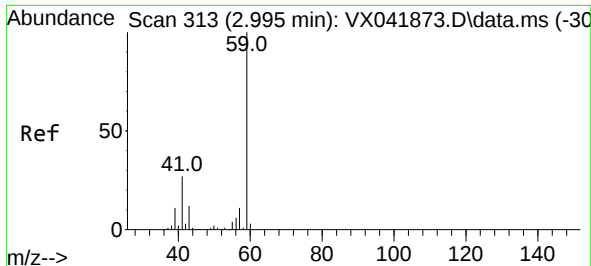
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#22
cis-1,2-Dichloroethene
Concen: 107.107 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

Tgt Ion: 96 Resp: 236111
Ion Ratio Lower Upper
96 100
61 131.7 103.3 154.9
98 65.4 52.2 78.2





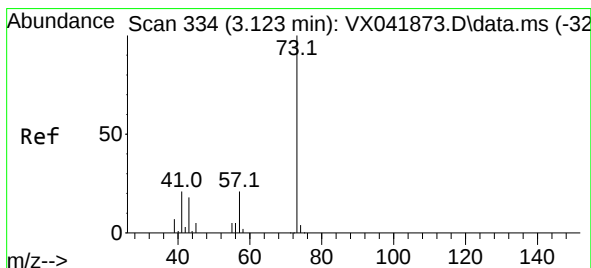
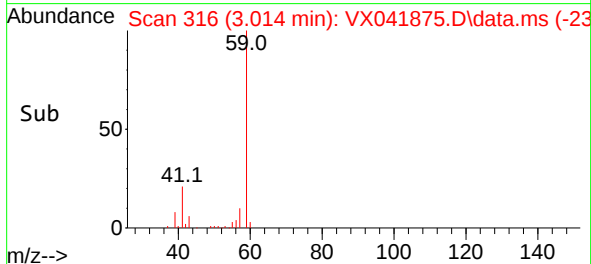
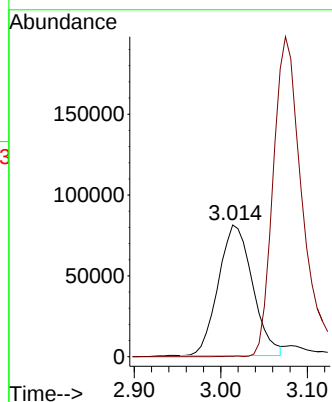
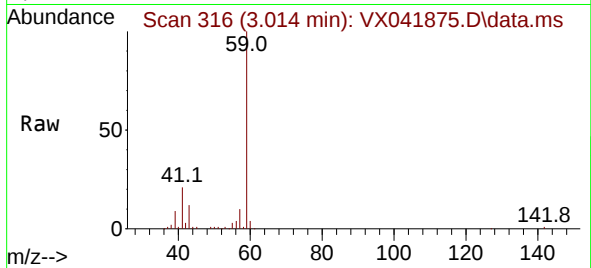
#23
tert-Butyl Alcohol
Concen: 515.531 ug/l
RT: 3.014 min Scan# 313
Delta R.T. 0.018 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 59 Resp: 222459
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0

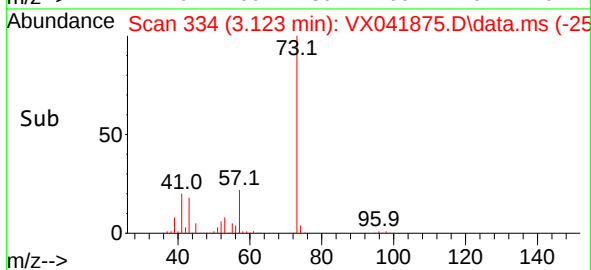
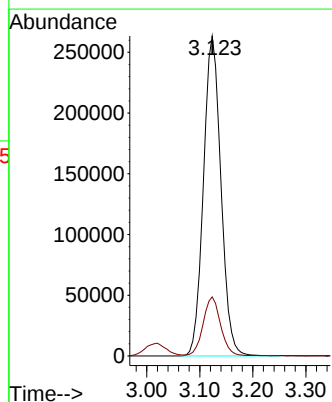
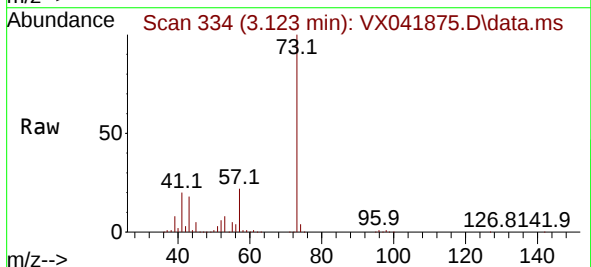
Manual Integrations
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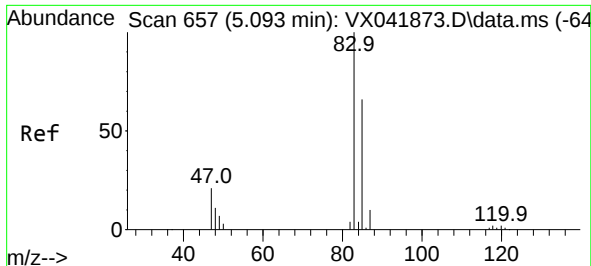
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#24
Methyl tert-Butyl Ether
Concen: 107.321 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

Tgt Ion: 73 Resp: 603510
Ion Ratio Lower Upper
73 100
43 18.4 15.1 22.7





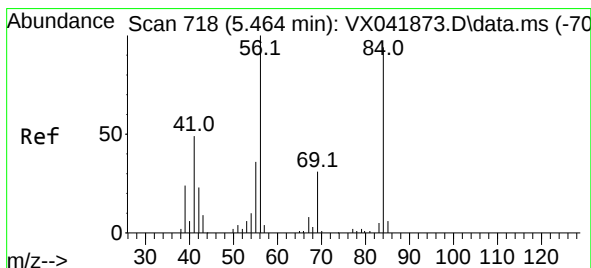
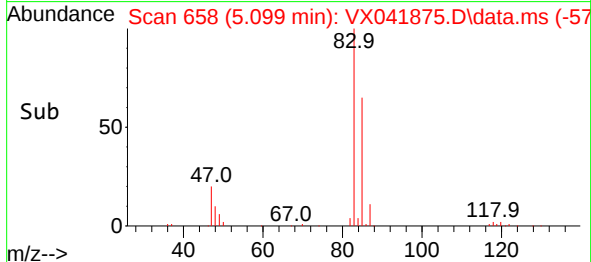
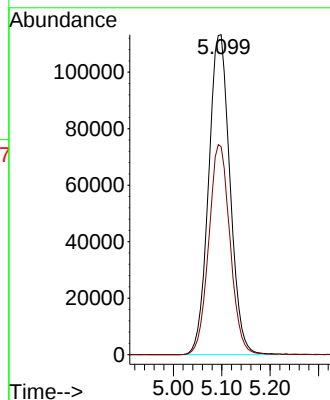
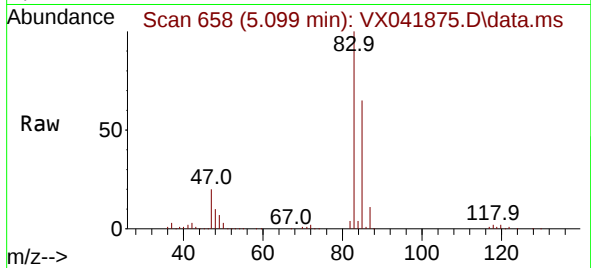
#25
Chloroform
Concen: 105.722 ug/l
RT: 5.099 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 34828
Ion Ratio Lower Upper
83 100
85 65.0 52.7 79.1

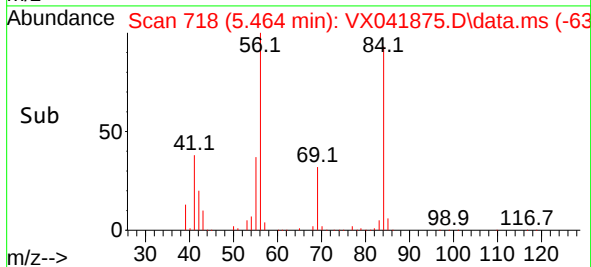
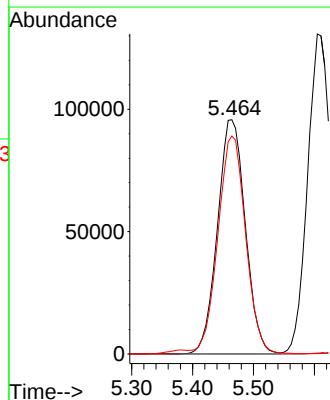
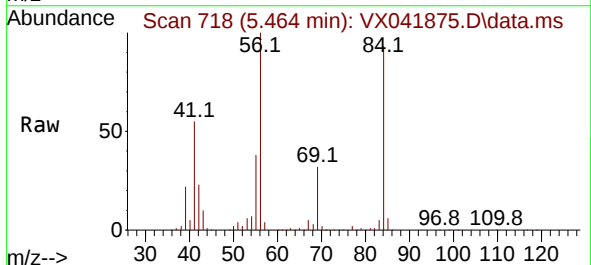
Manual Integrations
APPROVED

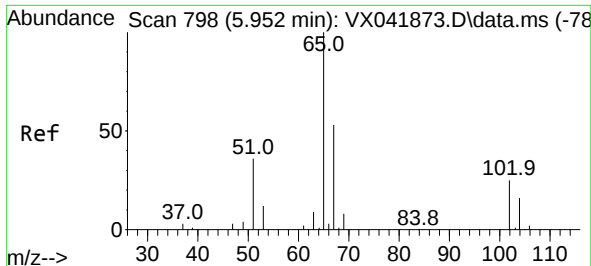
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#26
Cyclohexane
Concen: 107.669 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

Tgt Ion: 56 Resp: 303143
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: 30.780 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

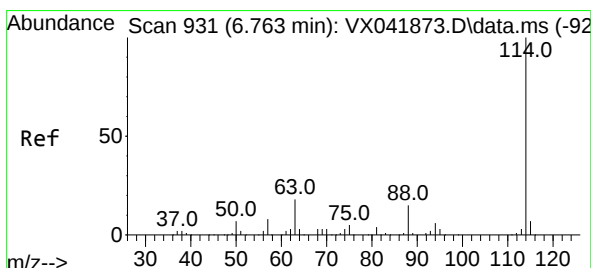
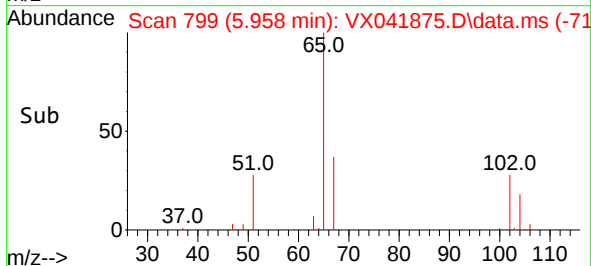
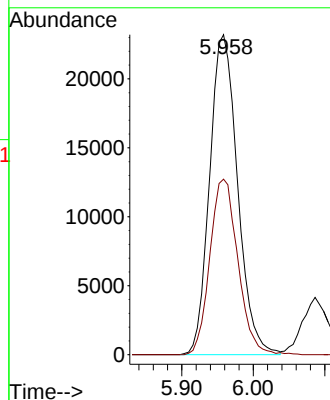
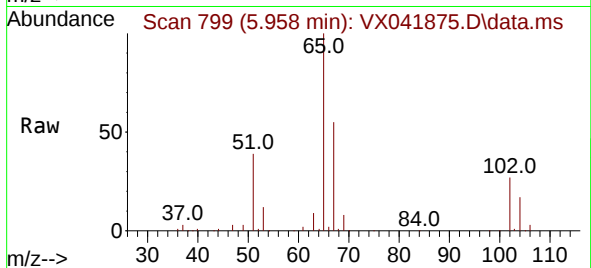
VSTDICC100

Tgt Ion: 65 Resp: 6302
Ion Ratio Lower Upper
65 100
67 54.8 43.4 65.0

Manual Integrations

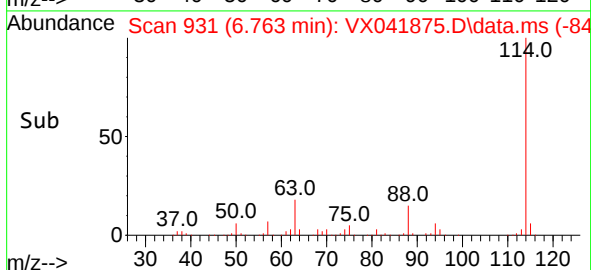
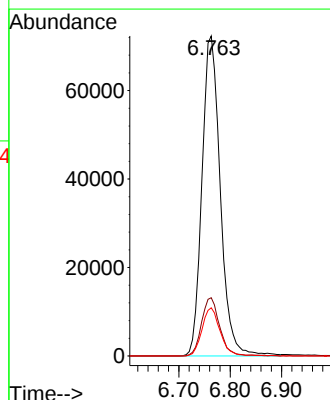
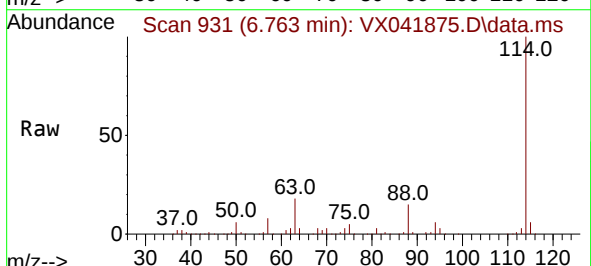
APPROVED

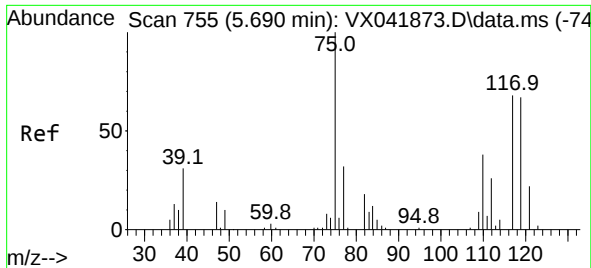
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

Tgt Ion:114 Resp: 179425
Ion Ratio Lower Upper
114 100
63 17.8 14.6 21.8
88 14.7 11.8 17.8





#29
1,1-Dichloropropene
Concen: 103.367 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

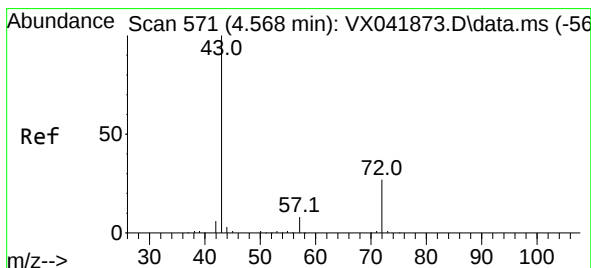
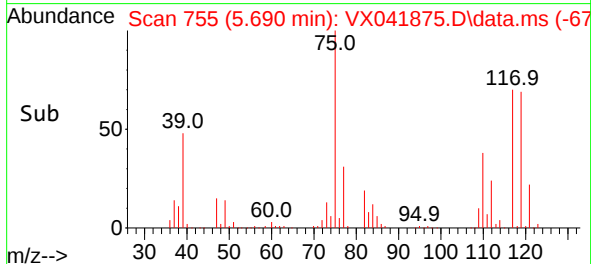
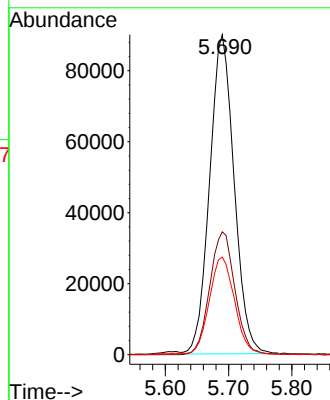
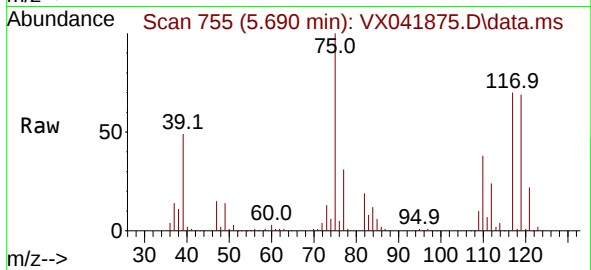
Tgt Ion: 75 Resp: 242064
Ion Ratio Lower Upper
75 100
110 39.5 0.0 80.2
77 31.5 0.0 65.2

Manual Integrations

APPROVED

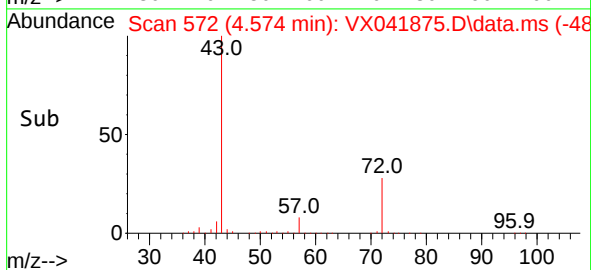
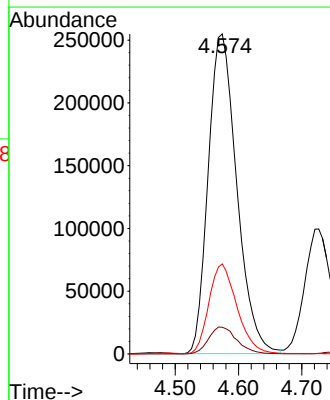
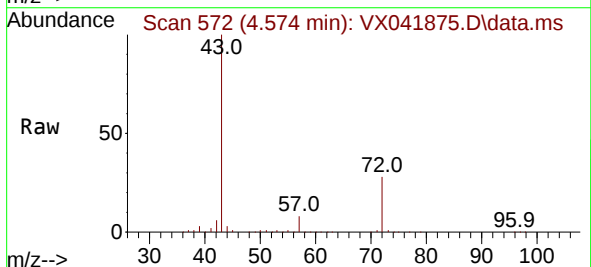
Reviewed By :John Carlone 06/17/2024

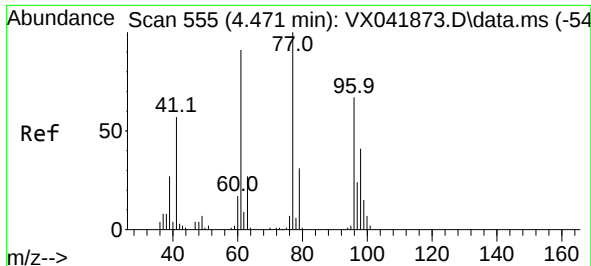
Supervised By :Mahesh Dadoda 06/17/2024



#30
2-Butanone
Concen: 510.140 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

Tgt Ion: 43 Resp: 798232
Ion Ratio Lower Upper
43 100
57 8.4 6.5 9.7
72 27.5 22.0 33.0





#31

2,2-Dichloropropane

Concen: 105.563 ug/l

RT: 4.471 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX041875.D

Acq: 14 Jun 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 77 Resp: 270872

Ion Ratio Lower Upper

77 100

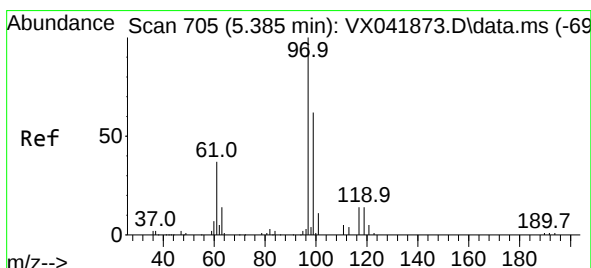
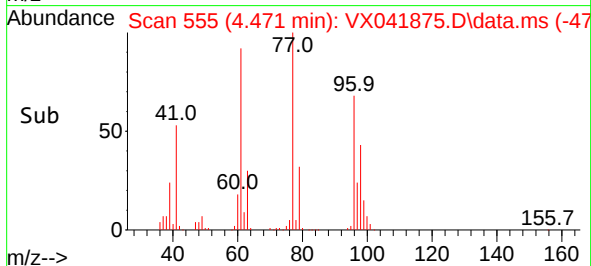
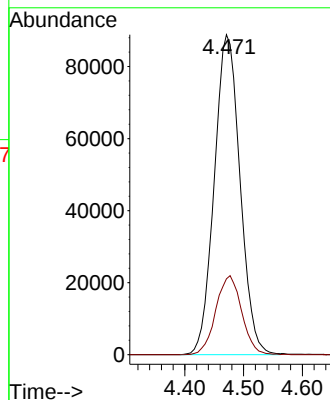
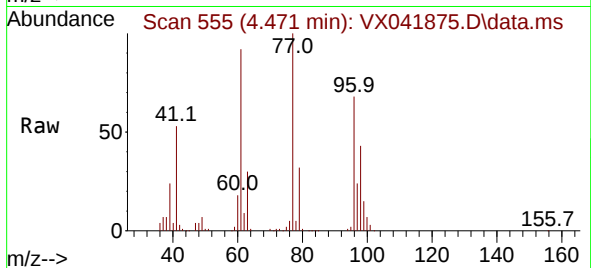
97 24.7 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#32

1,1,1-Trichloroethane

Concen: 104.731 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX041875.D

Acq: 14 Jun 2024 14:06

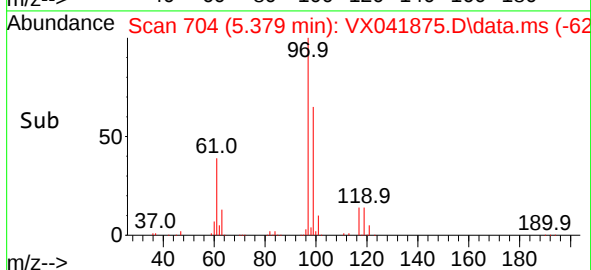
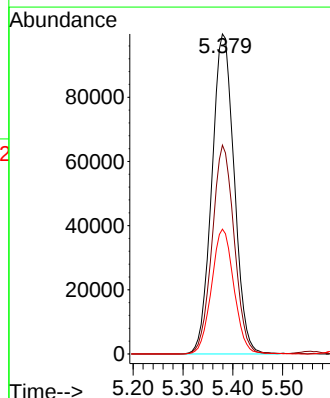
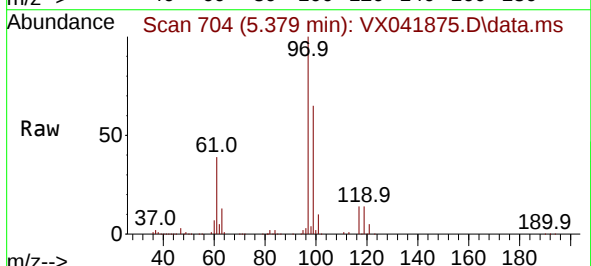
Tgt Ion: 97 Resp: 310752

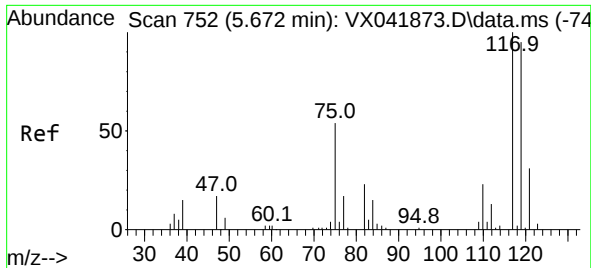
Ion Ratio Lower Upper

97 100

99 64.4 52.0 78.0

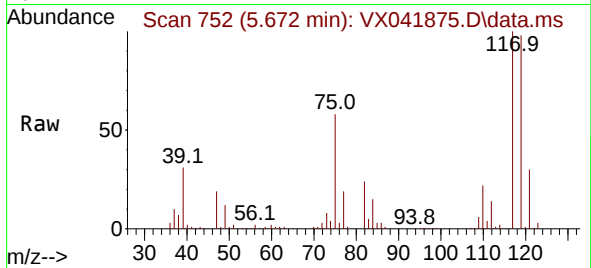
61 39.1 31.7 47.5





#33
Carbon Tetrachloride
Concen: 106.587 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

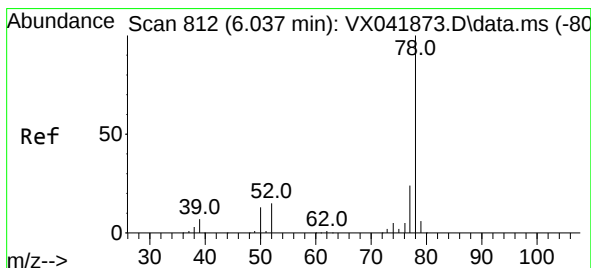
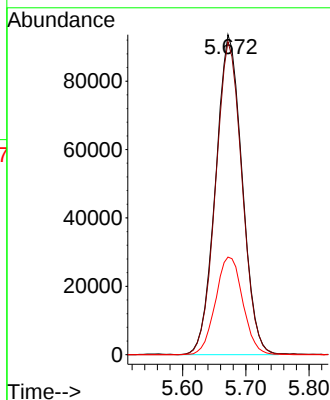
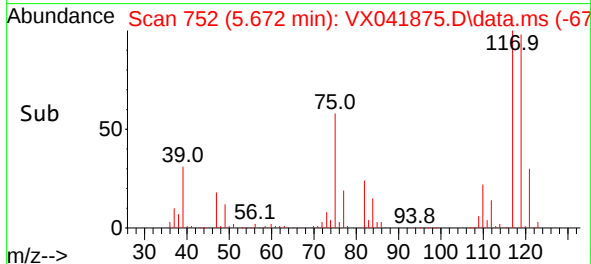
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 117 Resp: 272885
Ion Ratio Lower Upper
117 100
119 97.8 75.7 113.5
121 30.5 24.9 37.3

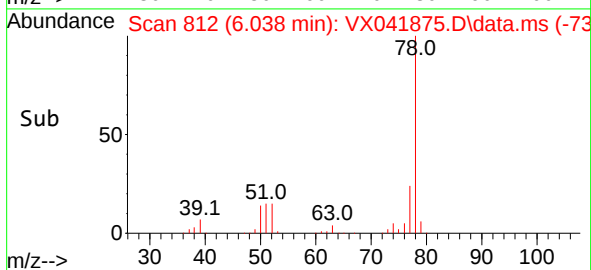
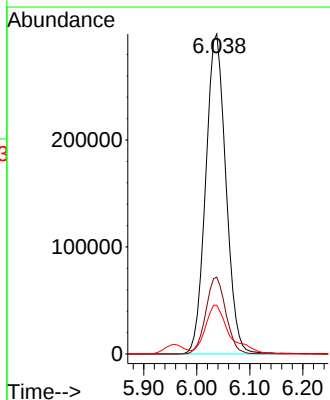
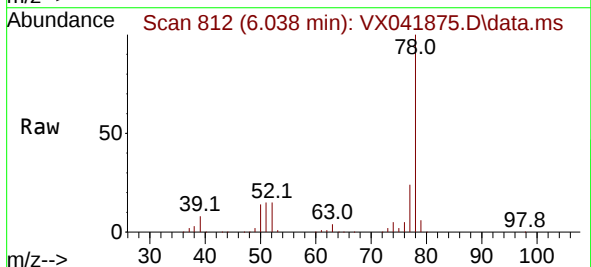
Manual Integrations
APPROVED

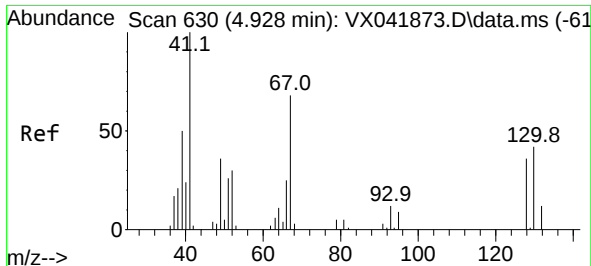
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#34
Benzene
Concen: 101.432 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

Tgt Ion: 78 Resp: 791283
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3
51 15.2 11.8 17.8





#35
Methacrylonitrile
Concen: 103.481 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

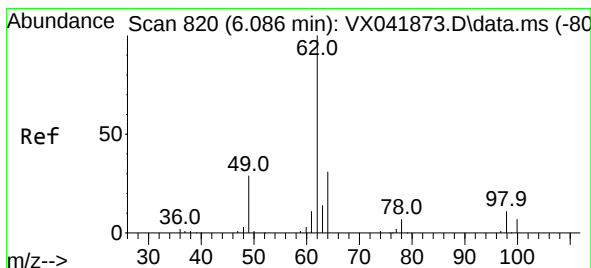
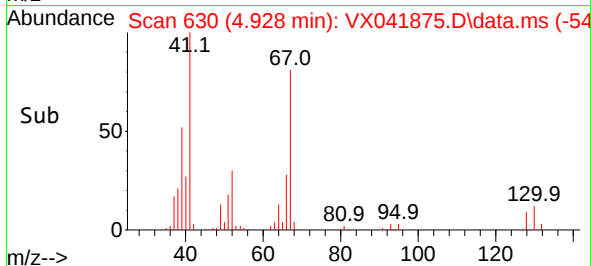
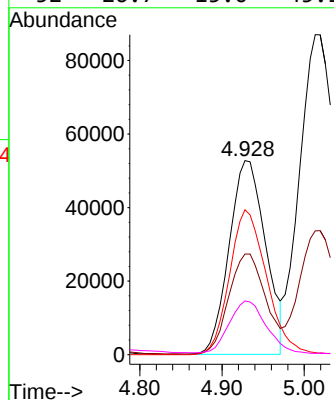
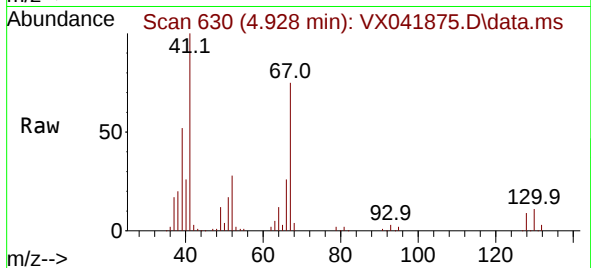
Tgt Ion: 41 Resp: 16263
Ion Ratio Lower Upper
41 100
39 51.5 25.2 75.6
67 74.8 34.2 102.5
52 26.7 15.0 45.1

Manual Integrations

APPROVED

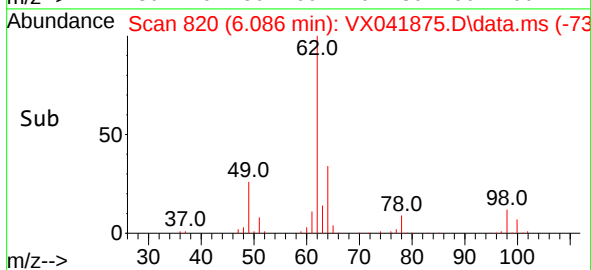
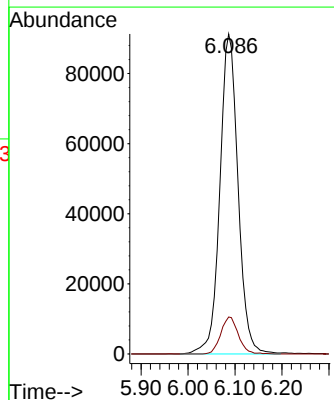
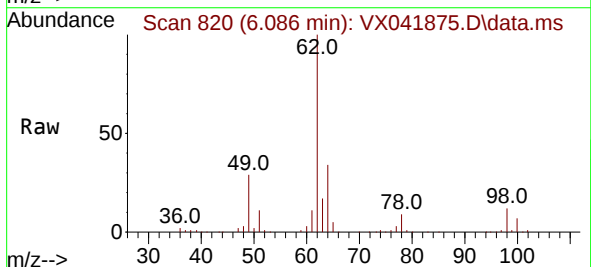
Reviewed By :John Carlone 06/17/2024

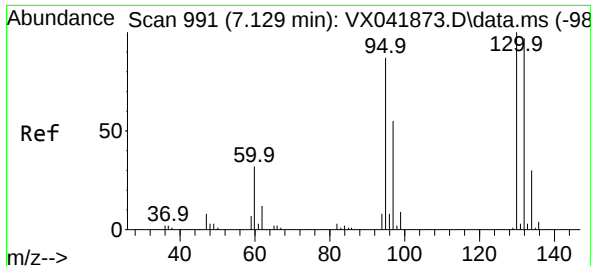
Supervised By :Mahesh Dadoda 06/17/2024



#36
1,2-Dichloroethane
Concen: 101.028 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

Tgt Ion: 62 Resp: 245525
Ion Ratio Lower Upper
62 100
98 11.0 9.1 13.7





#37

Trichloroethene

Concen: 103.611 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX041875.D

Acq: 14 Jun 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:130 Resp: 22077

Ion Ratio Lower Upper

130 100

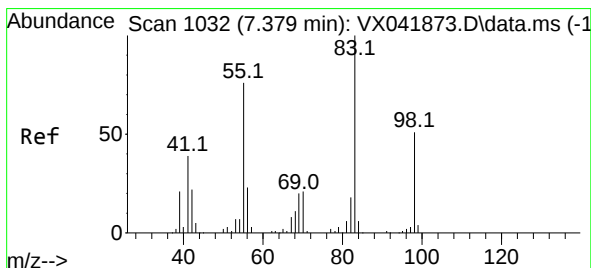
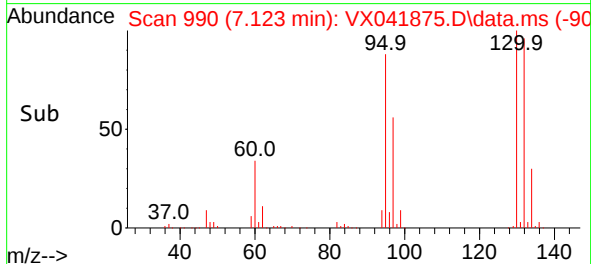
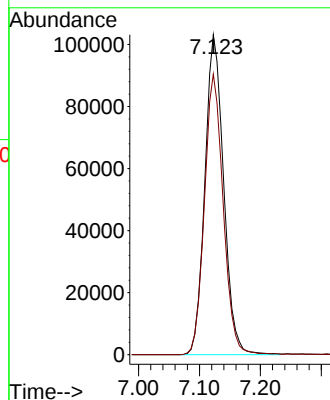
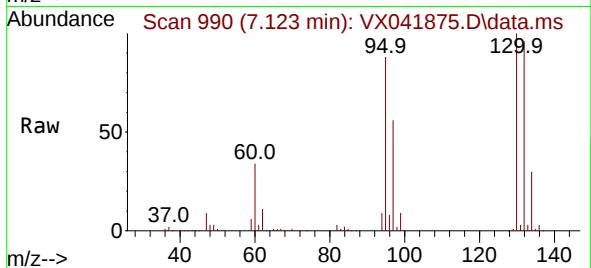
95 87.7 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#38

Methylcyclohexane

Concen: 104.881 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX041875.D

Acq: 14 Jun 2024 14:06

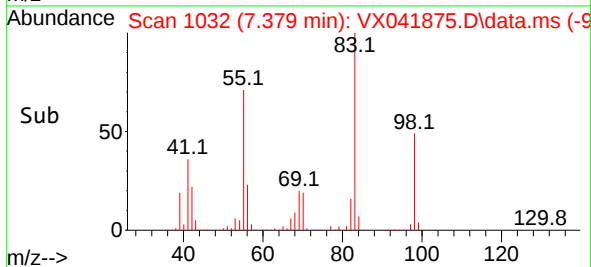
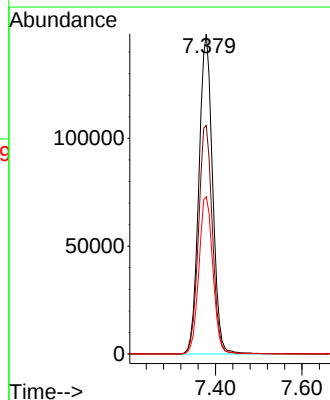
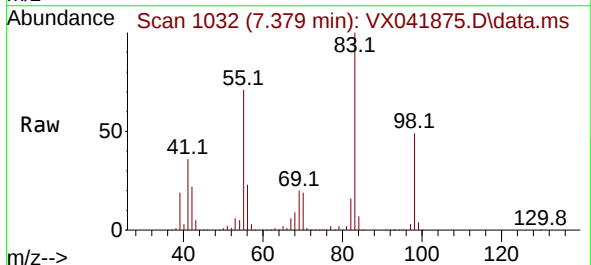
Tgt Ion: 83 Resp: 325323

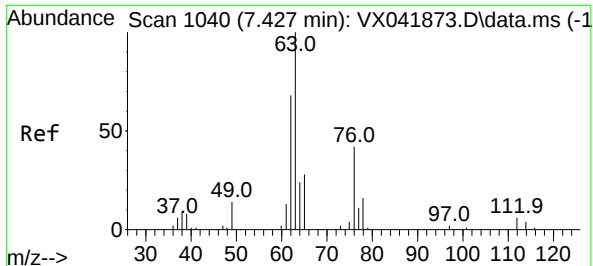
Ion Ratio Lower Upper

83 100

55 72.2 37.3 111.9

98 50.4 24.8 74.4





#39

1,2-Dichloropropane

Concen: 102.998 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX041875.D

Acq: 14 Jun 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 191390

Ion Ratio Lower Upper

63 100

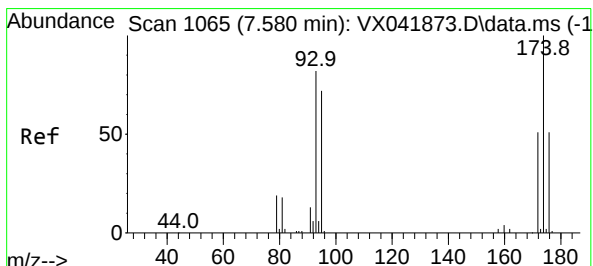
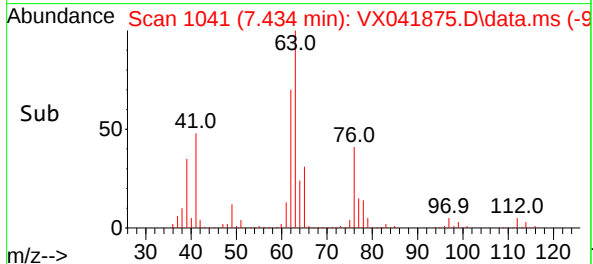
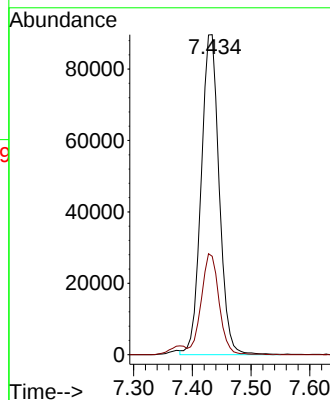
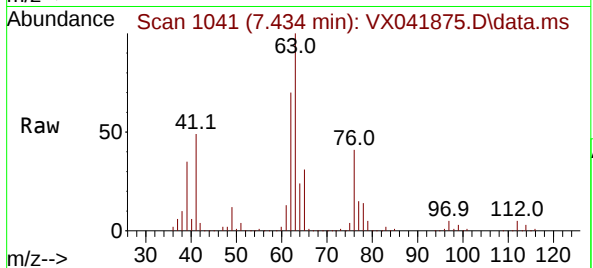
65 30.8 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#40

Dibromomethane

Concen: 102.318 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX041875.D

Acq: 14 Jun 2024 14:06

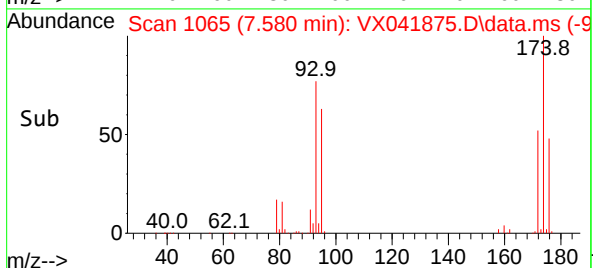
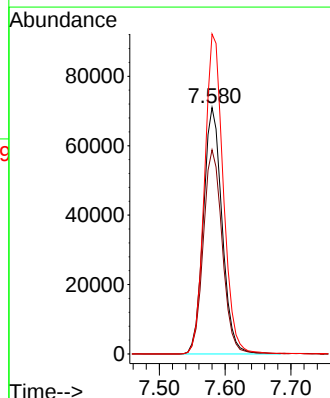
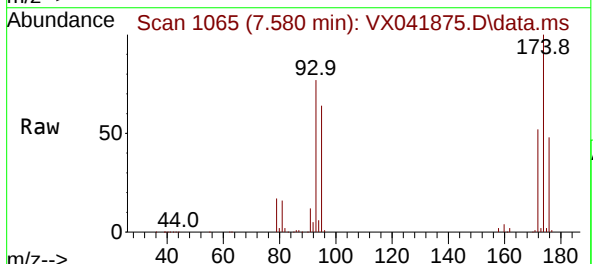
Tgt Ion: 93 Resp: 140651

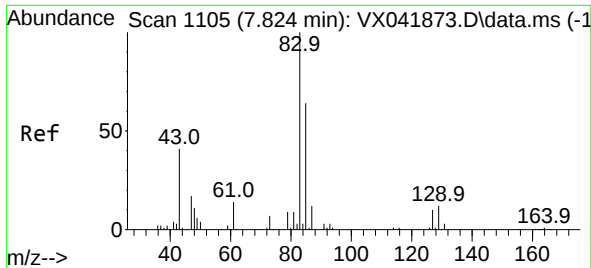
Ion Ratio Lower Upper

93 100

95 83.5 0.0 168.6

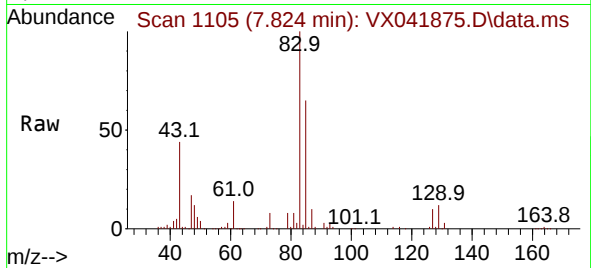
174 129.8 0.0 255.0





#41
Bromodichloromethane
Concen: 107.118 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

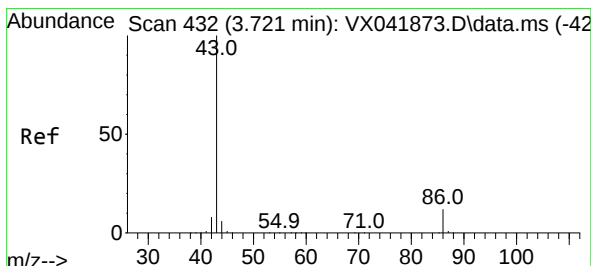
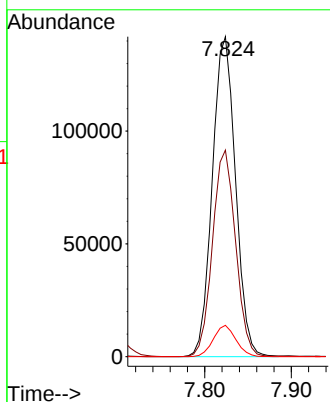
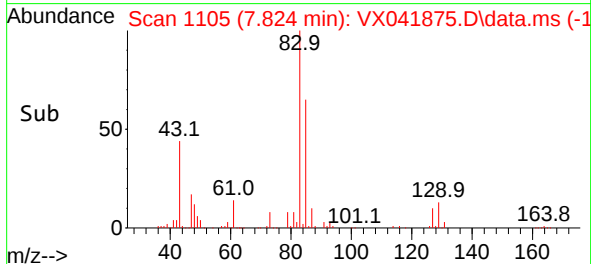
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



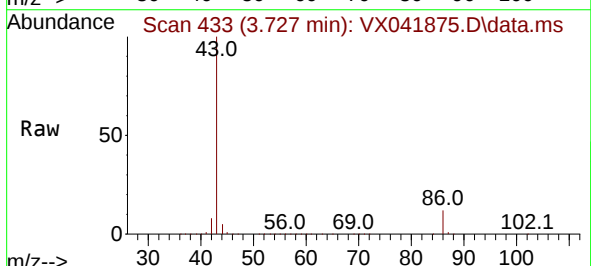
Tgt Ion: 83 Resp: 263798
Ion Ratio Lower Upper
83 100
85 64.5 51.1 76.7
127 9.8 8.1 12.1

Manual Integrations
APPROVED

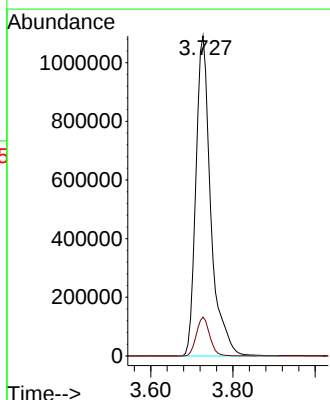
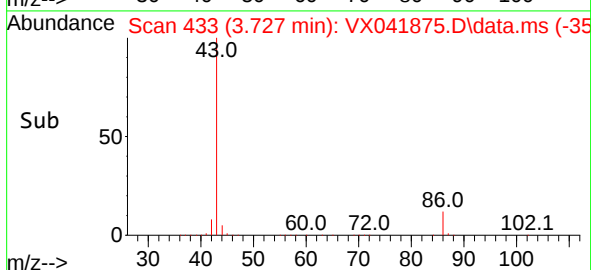
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

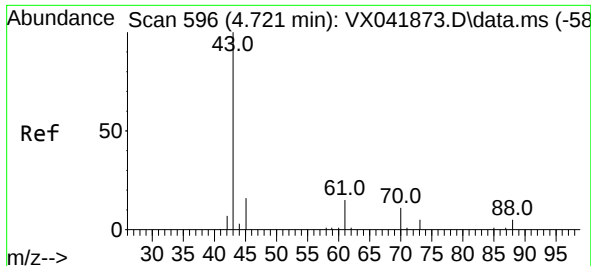


#42
Vinyl Acetate
Concen: 523.669 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.006 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06



Tgt Ion: 43 Resp: 2742722
Ion Ratio Lower Upper
43 100
86 10.8 8.5 12.7





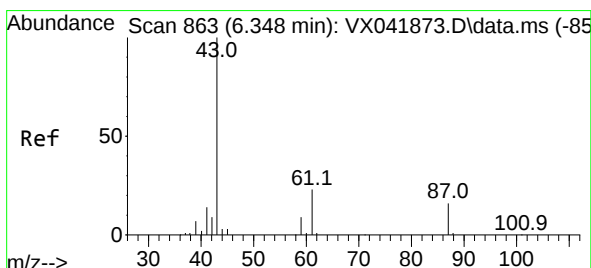
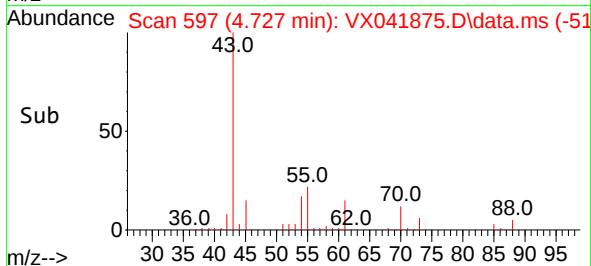
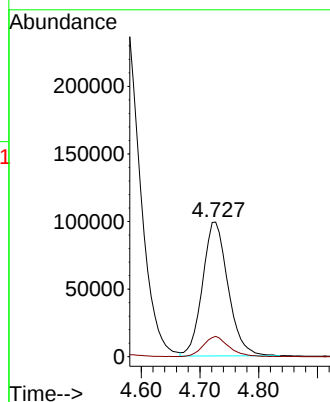
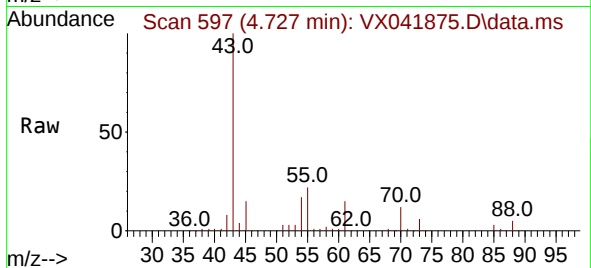
#43
Ethyl Acetate
Concen: 101.965 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.006 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 29915
Ion Ratio Lower Upper
43 100
45 14.8 12.4 18.6

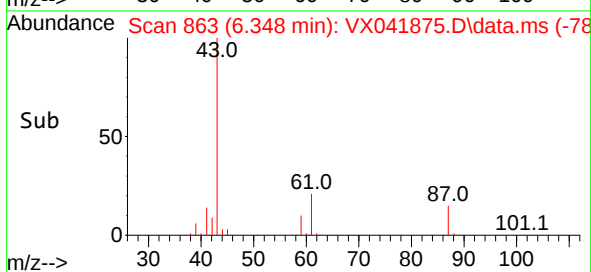
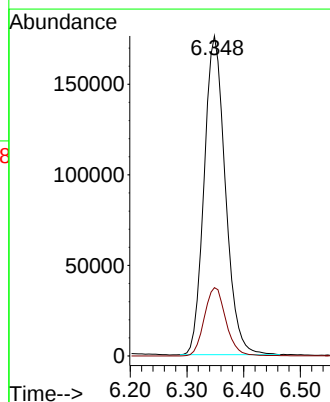
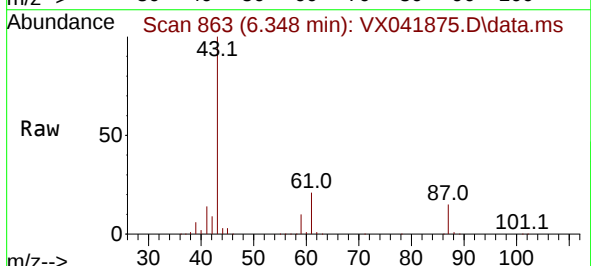
Manual Integrations
APPROVED

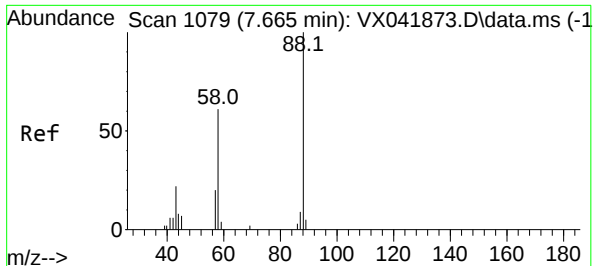
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#44
Isopropyl Acetate
Concen: 104.292 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

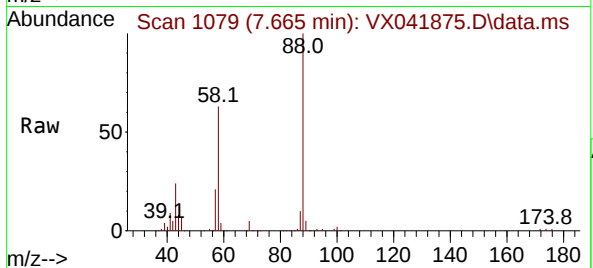
Tgt Ion: 43 Resp: 458292
Ion Ratio Lower Upper
43 100
61 21.9 17.4 26.0





#45
1,4-Dioxane
Concen: 2038.287 ug/l m
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

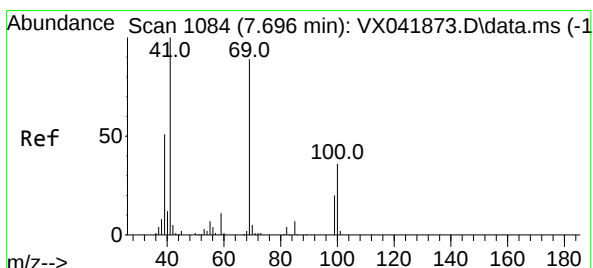
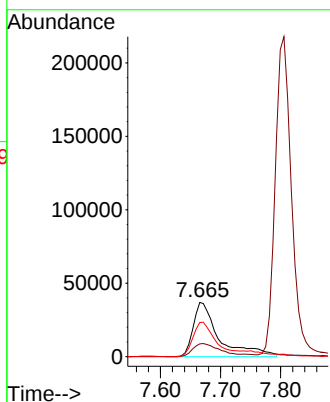
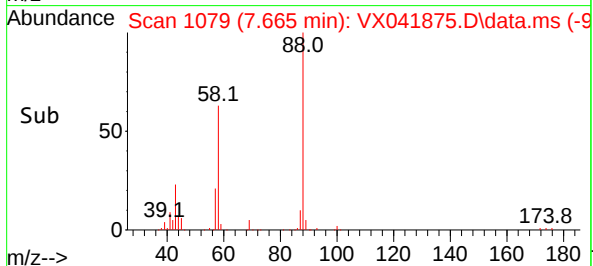
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



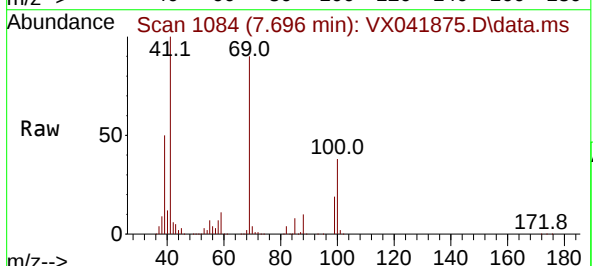
Tgt Ion: 88 Resp: 111048
Ion Ratio Lower Upper
88 100
43 24.6 23.2 34.8
58 59.0 52.6 78.8

Manual Integrations
APPROVED

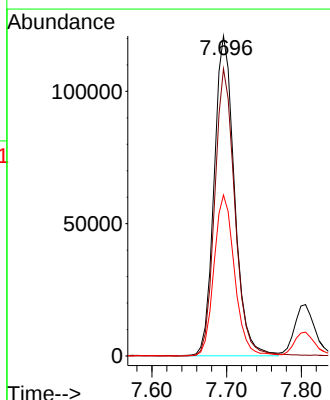
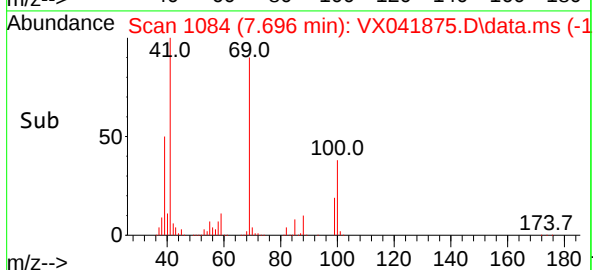
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

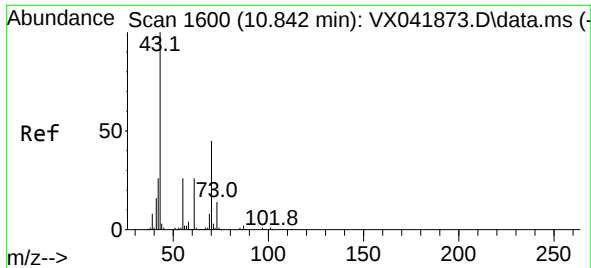


#46
Methyl methacrylate
Concen: 106.489 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06



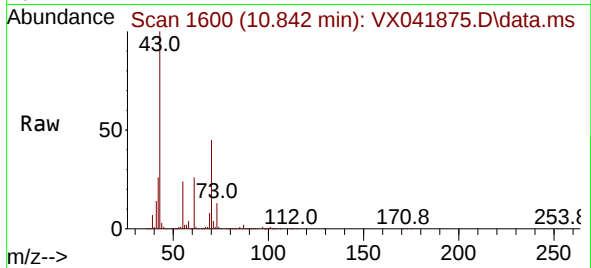
Tgt Ion: 41 Resp: 228795
Ion Ratio Lower Upper
41 100
69 89.8 44.4 133.1
39 50.3 25.5 76.5





#47
n-amy1 Acetate
Concen: 108.440 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

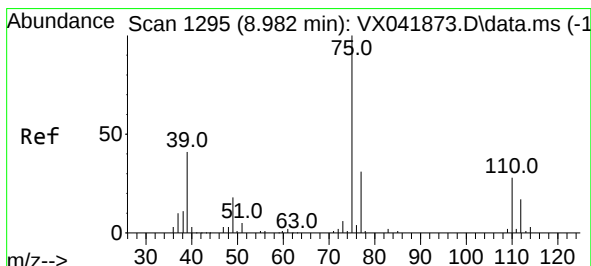
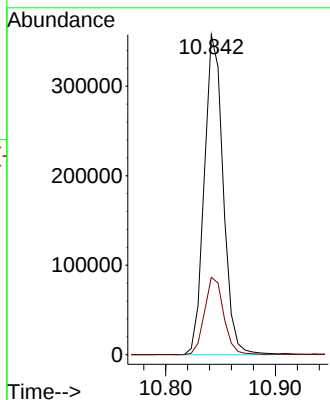
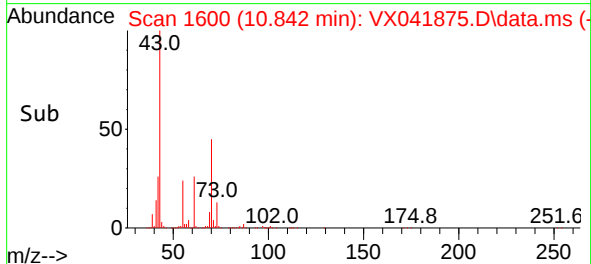
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 42766
Ion Ratio Lower Upper
43 100
55 24.8 21.0 31.4

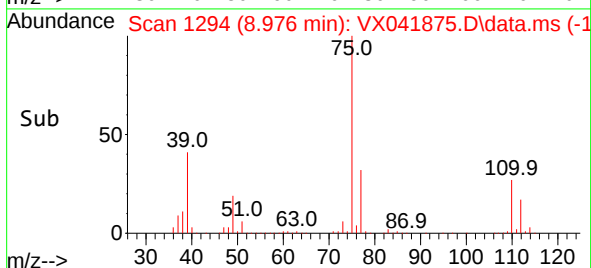
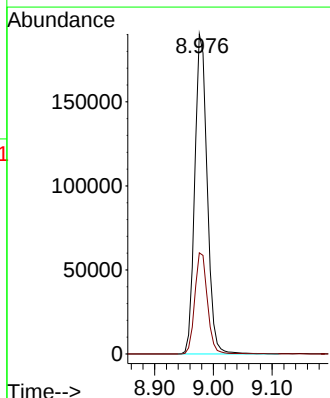
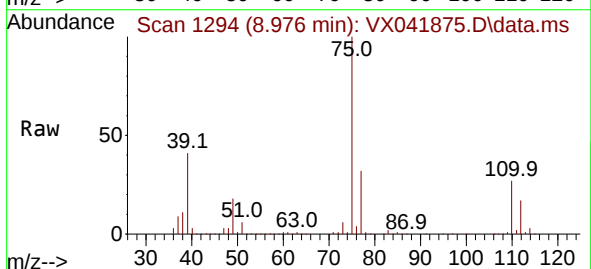
Manual Integrations
APPROVED

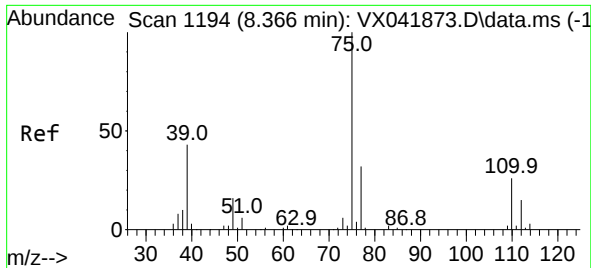
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#48
t-1,3-Dichloropropene
Concen: 110.024 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

Tgt Ion: 75 Resp: 278980
Ion Ratio Lower Upper
75 100
77 31.6 25.1 37.7





#49

cis-1,3-Dichloropropene

Concen: 109.091 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX041875.D

Acq: 14 Jun 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 75 Resp: 31028

Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.8

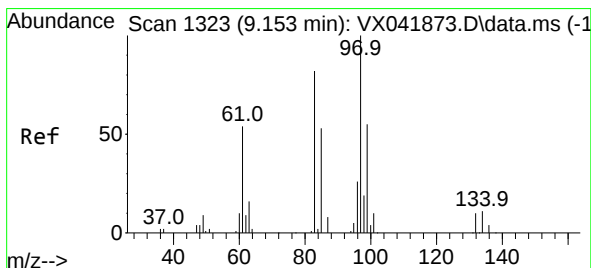
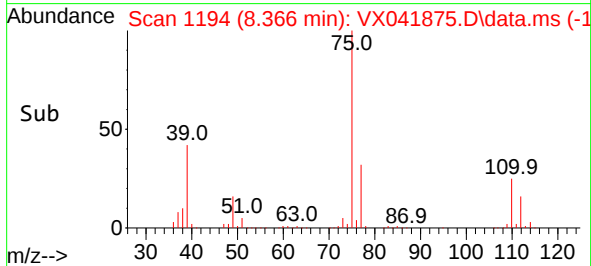
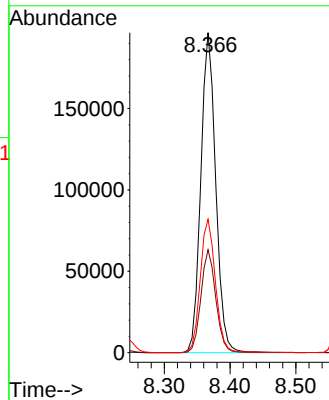
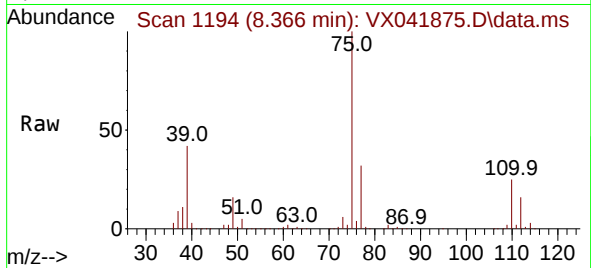
39 41.7 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#50

1,1,2-Trichloroethane

Concen: 100.258 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX041875.D

Acq: 14 Jun 2024 14:06

Tgt Ion: 97 Resp: 200396

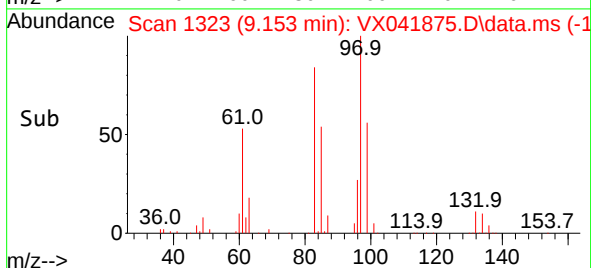
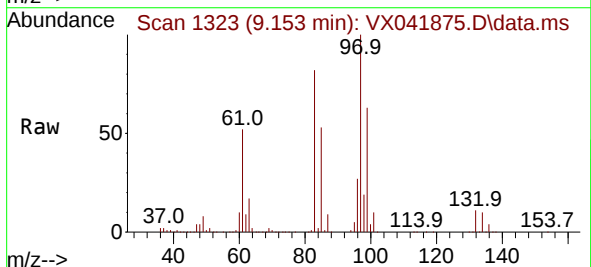
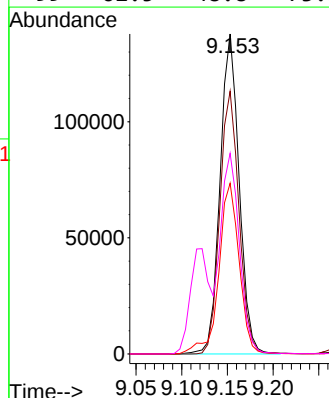
Ion Ratio Lower Upper

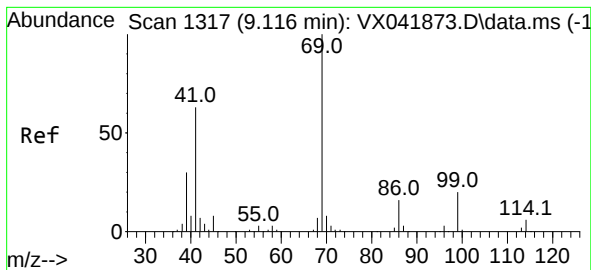
97 100

83 82.1 65.9 98.9

85 53.2 42.9 64.3

99 62.5 48.8 73.2





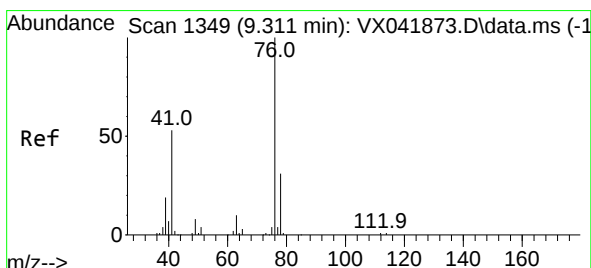
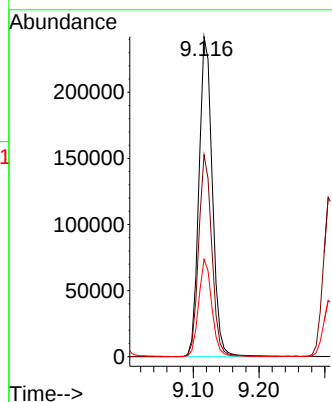
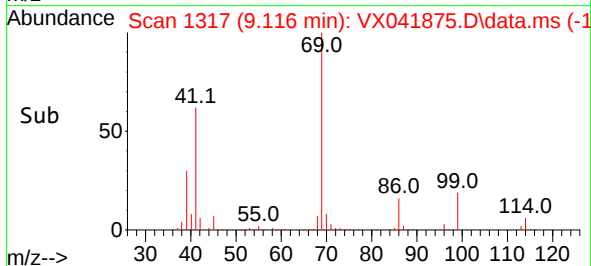
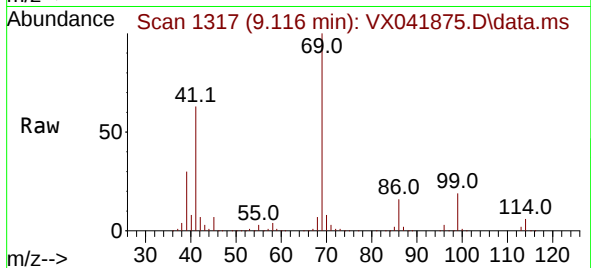
#51
Ethyl methacrylate
Concen: 107.364 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 69 Resp: 34091
Ion Ratio Lower Upper
69 100
41 63.1 31.6 94.7
39 30.4 15.3 45.8

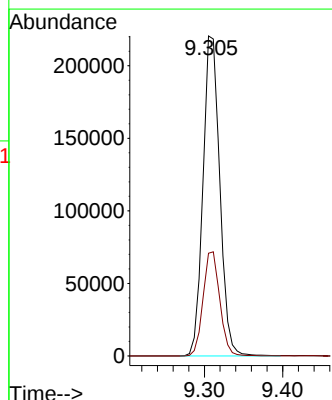
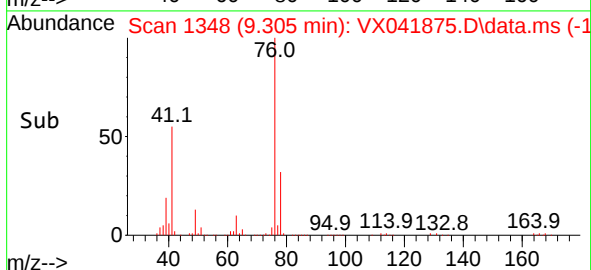
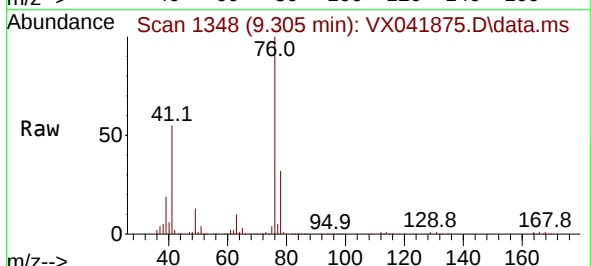
Manual Integrations
APPROVED

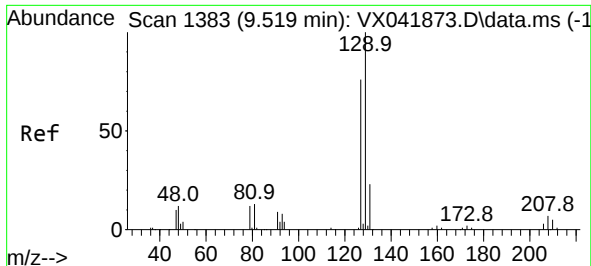
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#52
1,3-Dichloropropane
Concen: 100.660 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

Tgt Ion: 76 Resp: 328930
Ion Ratio Lower Upper
76 100
78 32.4 0.0 66.0





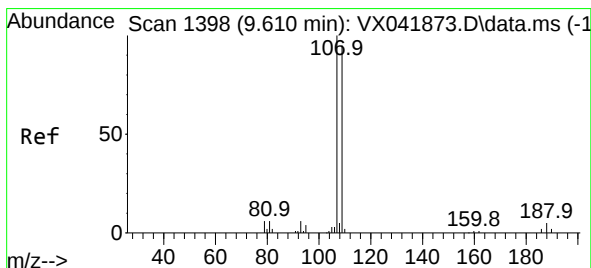
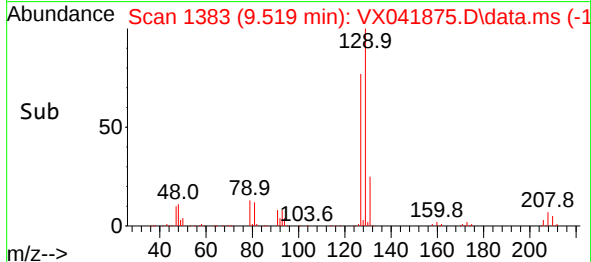
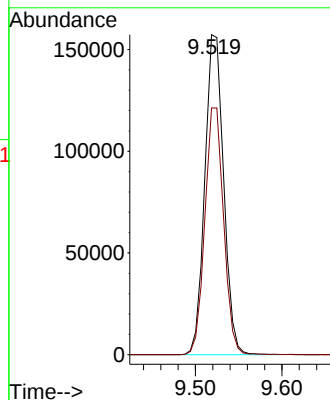
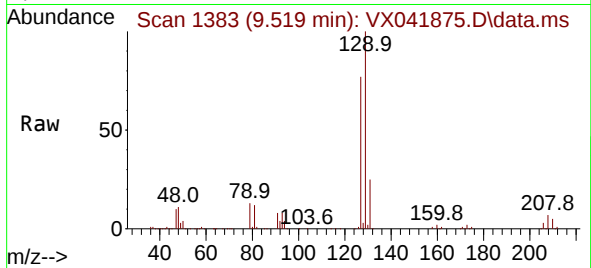
#53
Dibromochloromethane
Concen: 108.584 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:129 Resp: 237510
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.4

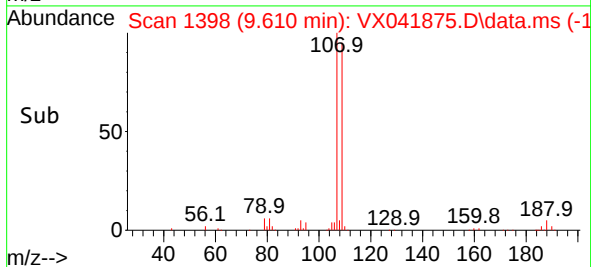
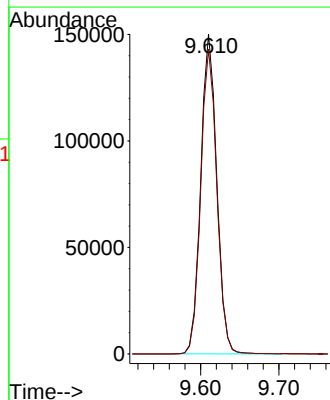
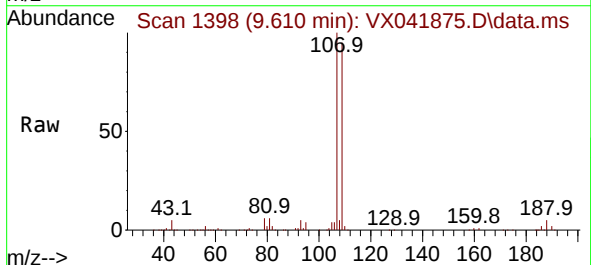
Manual Integrations
APPROVED

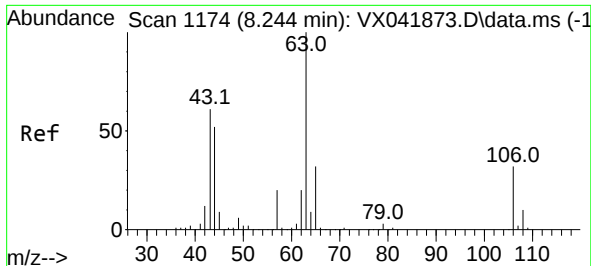
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#54
1,2-Dibromoethane
Concen: 101.119 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

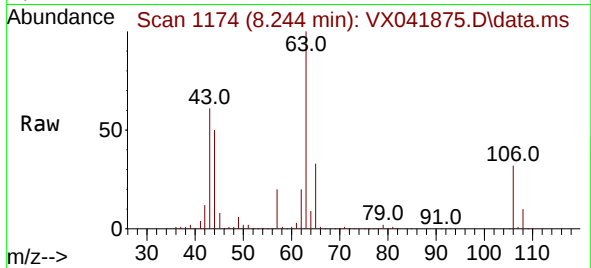
Tgt Ion:107 Resp: 213141
Ion Ratio Lower Upper
107 100
109 95.6 75.7 113.5





#55
2-Chloroethyl vinyl ether
Concen: 511.985 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

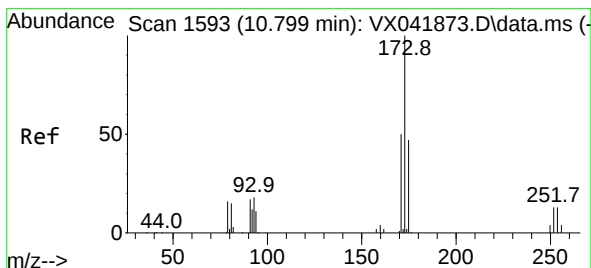
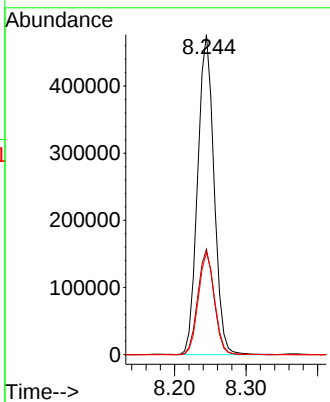
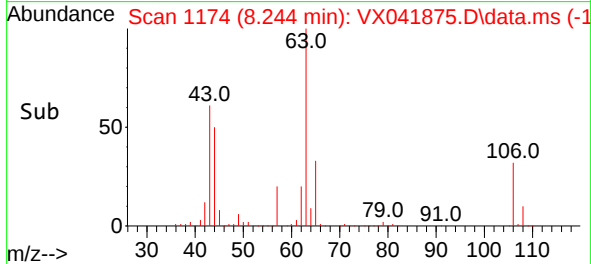
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 63 Resp: 756694
Ion Ratio Lower Upper
63 100
65 32.6 25.7 38.5
106 31.6 25.3 37.9

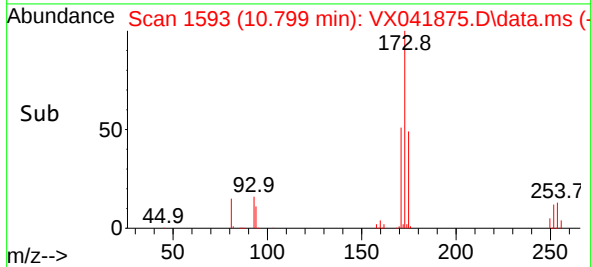
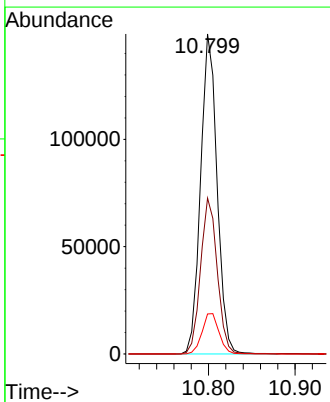
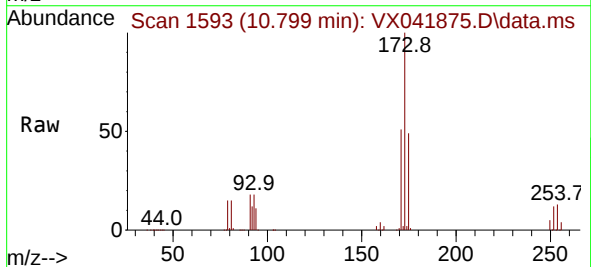
Manual Integrations
APPROVED

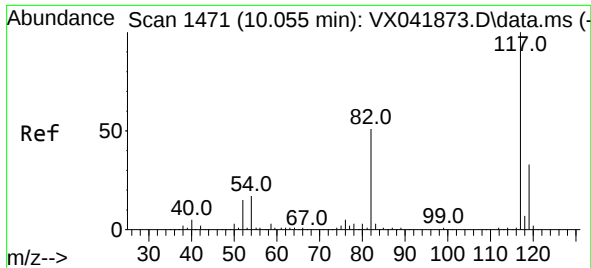
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#56
Bromoform
Concen: 110.580 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

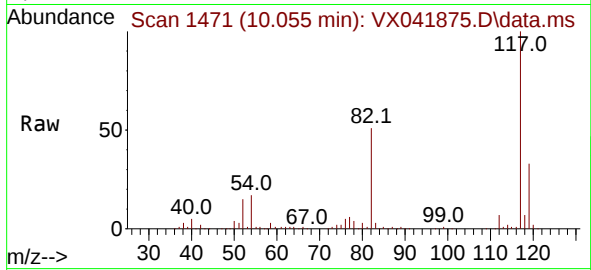
Tgt Ion:173 Resp: 197234
Ion Ratio Lower Upper
173 100
175 49.1 39.3 58.9
254 13.0 9.6 14.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

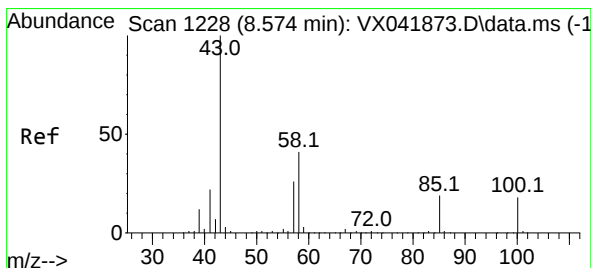
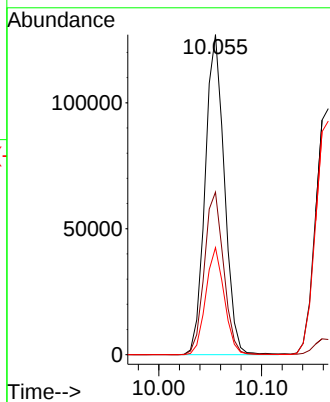
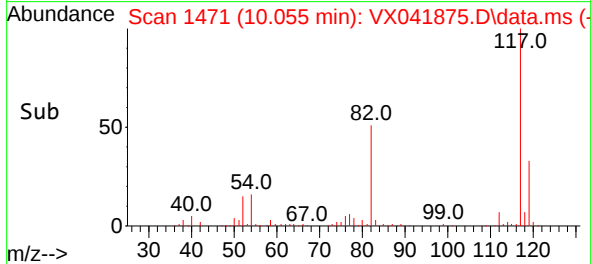
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 117 Resp: 165184
Ion Ratio Lower Upper
117 100
82 50.9 41.1 61.7
119 32.3 26.1 39.1

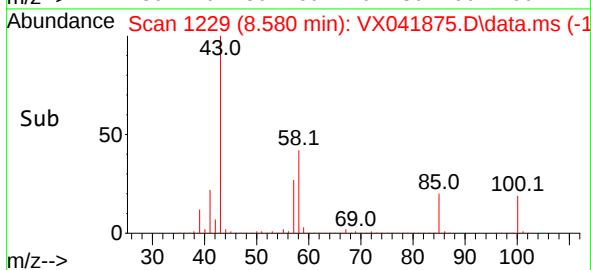
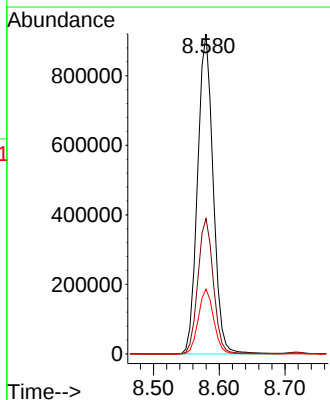
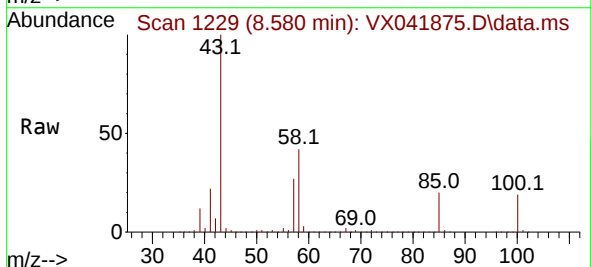
Manual Integrations
APPROVED

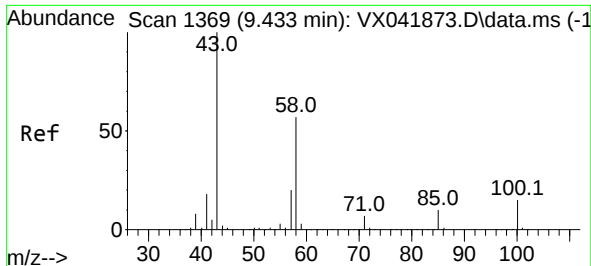
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#58
4-Methyl-2-Pentanone
Concen: 511.930 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

Tgt Ion: 43 Resp: 1515292
Ion Ratio Lower Upper
43 100
58 42.2 33.2 49.8
85 20.0 15.5 23.3





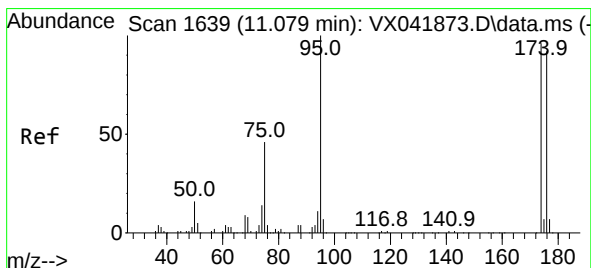
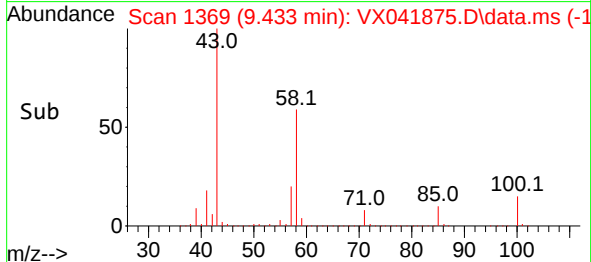
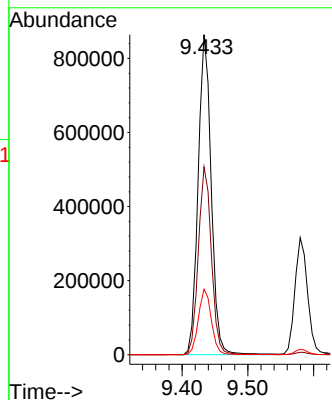
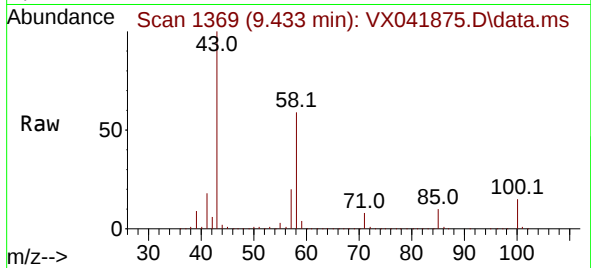
#59
2-Hexanone
Concen: 520.450 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 118902
Ion Ratio Lower Upper
43 100
58 58.7 46.0 69.0
57 20.3 15.8 23.6

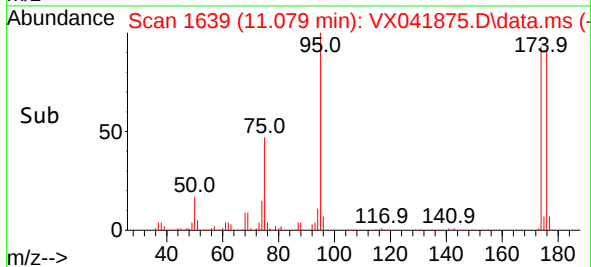
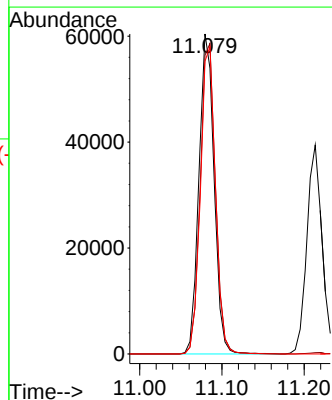
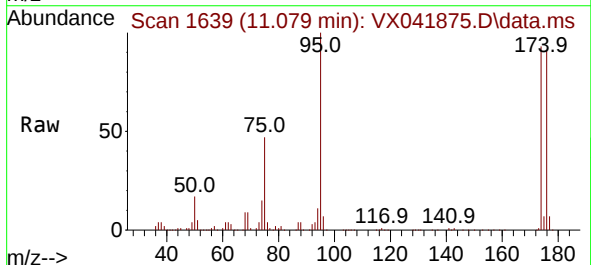
Manual Integrations
APPROVED

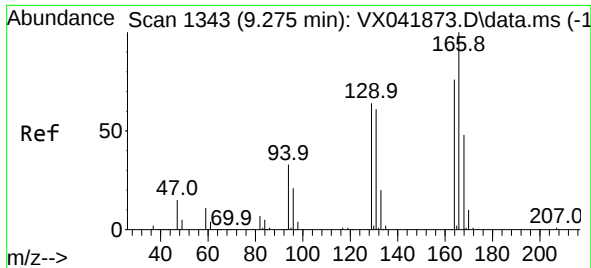
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#60
4-Bromofluorobenzene
Concen: 30.250 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

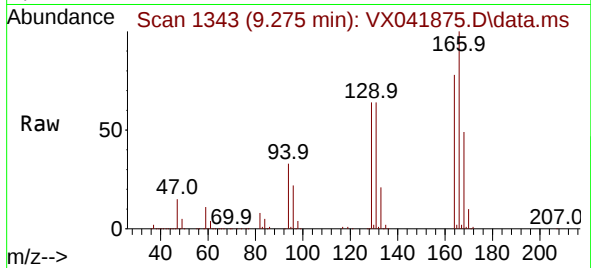
Tgt Ion: 95 Resp: 77348
Ion Ratio Lower Upper
95 100
174 97.4 78.9 118.3
176 95.5 77.1 115.7





#61
Tetrachloroethene
Concen: 101.251 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

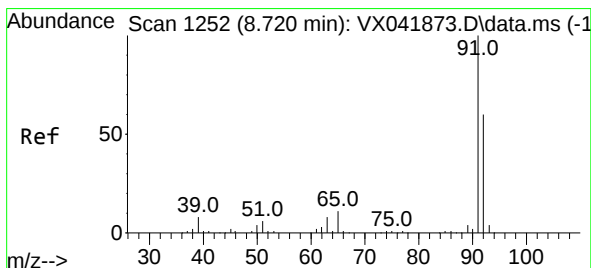
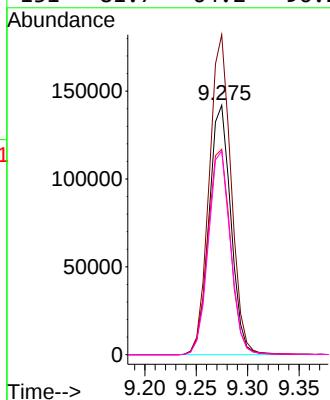
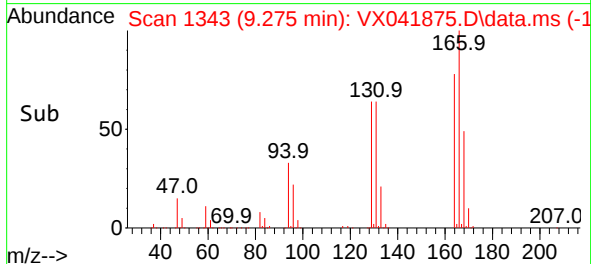
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:164 Resp: 21045
Ion Ratio Lower Upper
164 100
166 128.3 105.0 157.6
129 82.4 67.1 100.7
131 81.7 64.2 96.2

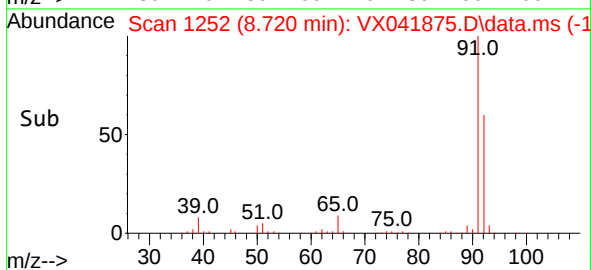
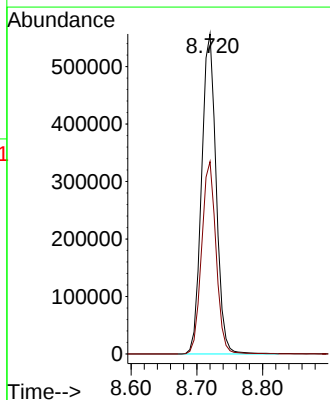
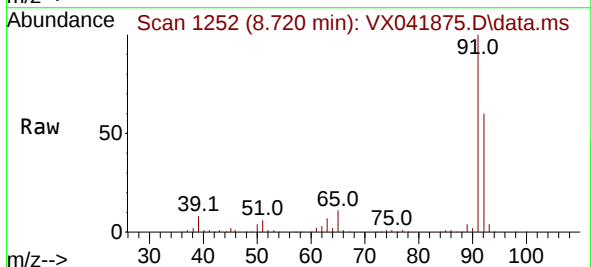
Manual Integrations
APPROVED

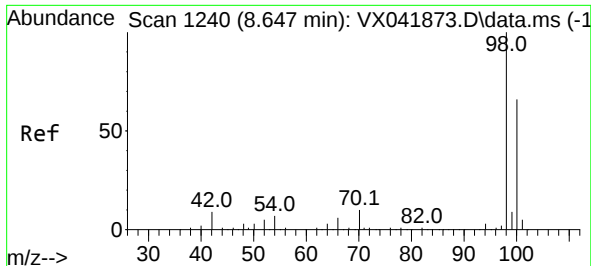
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#62
Toluene
Concen: 102.543 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

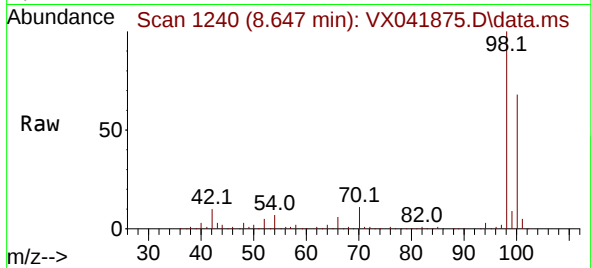
Tgt Ion: 91 Resp: 857149
Ion Ratio Lower Upper
91 100
92 59.6 47.4 71.2





#63
Toluene-d8
Concen: 29.683 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

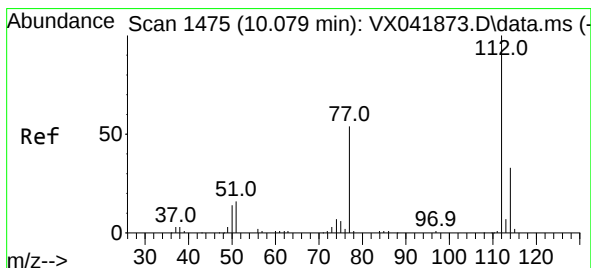
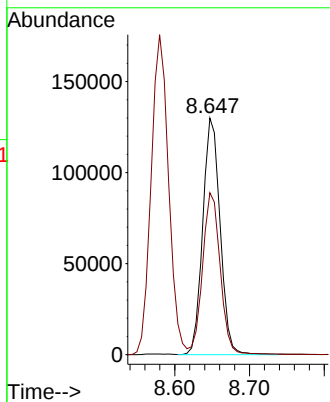
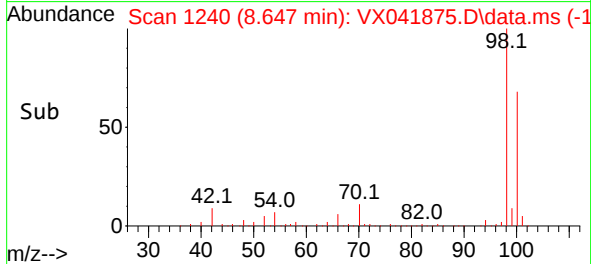
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



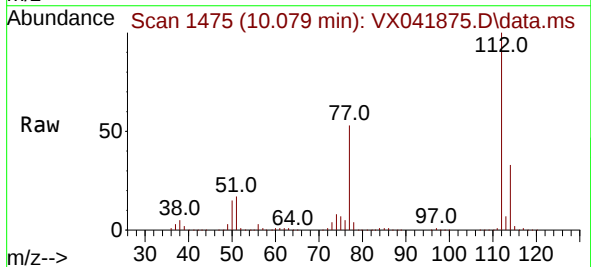
Tgt Ion: 98 Resp: 209772
Ion Ratio Lower Upper
98 100
100 69.0 52.7 79.1

Manual Integrations
APPROVED

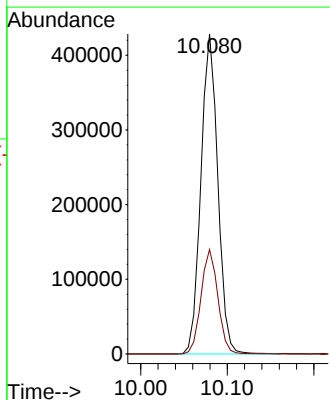
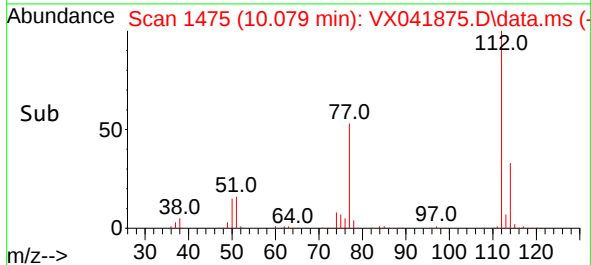
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

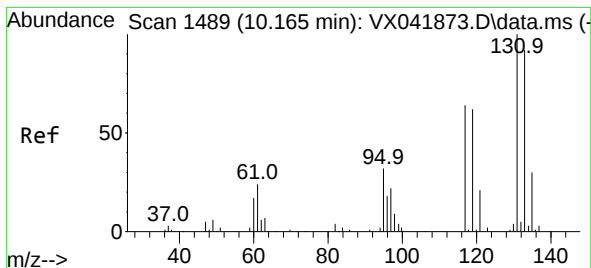


#64
Chlorobenzene
Concen: 101.839 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06



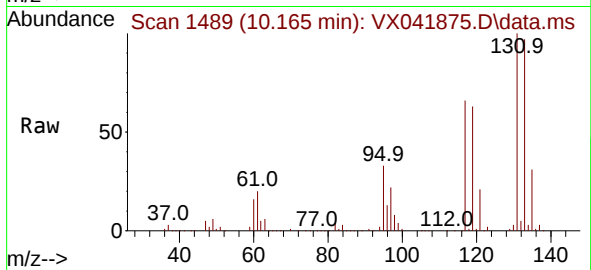
Tgt Ion:112 Resp: 579675
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.4





#65
1,1,1,2-Tetrachloroethane
Concen: 105.782 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

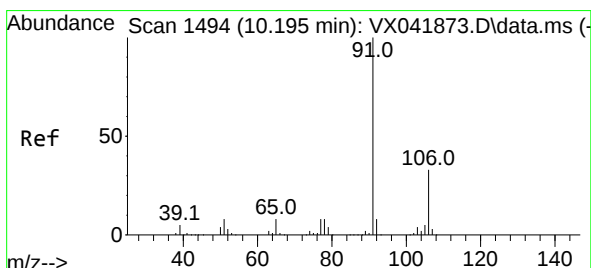
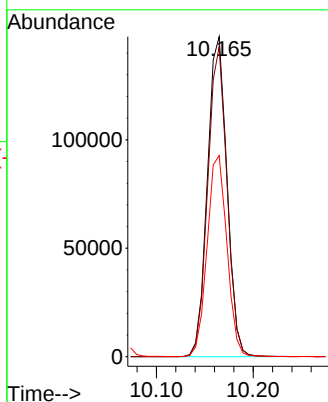
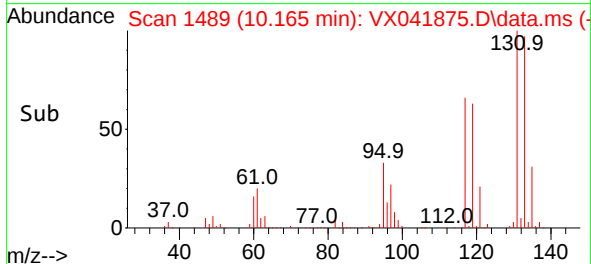
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



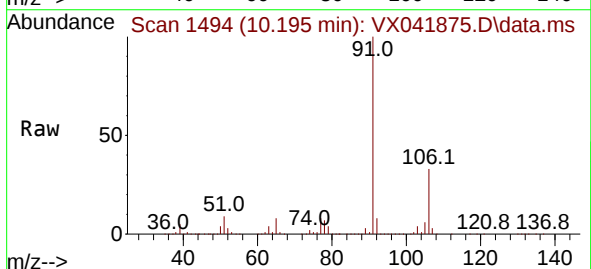
Tgt Ion:131 Resp: 20795
Ion Ratio Lower Upper
131 100
133 95.1 0.0 194.8
119 63.5 0.0 127.6

Manual Integrations
APPROVED

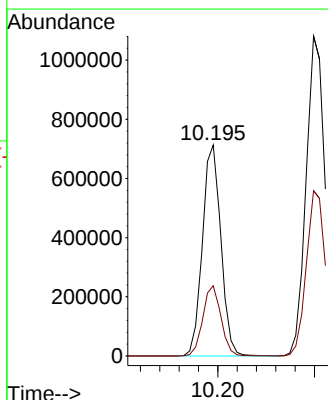
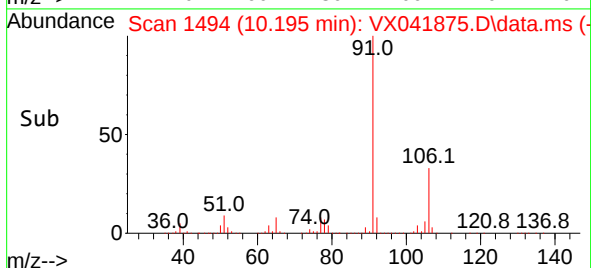
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

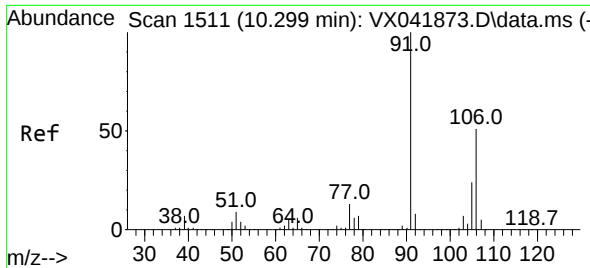


#66
Ethyl Benzene
Concen: 103.537 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06



Tgt Ion: 91 Resp: 946185
Ion Ratio Lower Upper
91 100
106 33.3 26.4 39.6





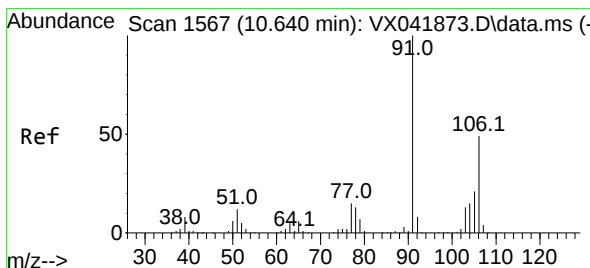
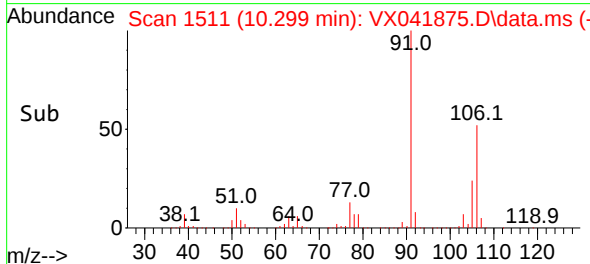
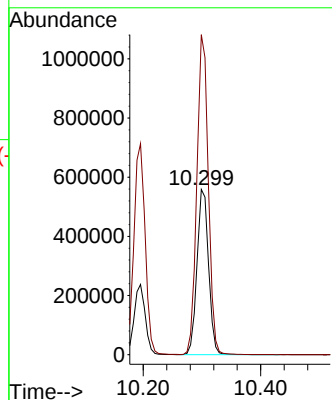
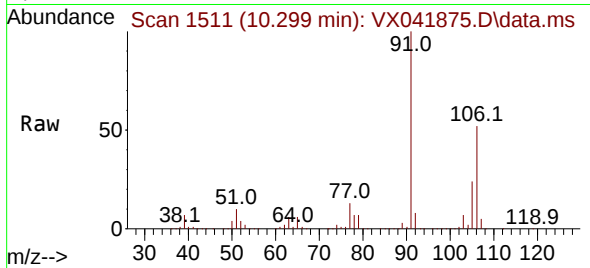
#67
m/p-Xylenes
Concen: 207.469 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 762630
Ion Ratio Lower Upper
106 100
91 191.9 157.0 235.6

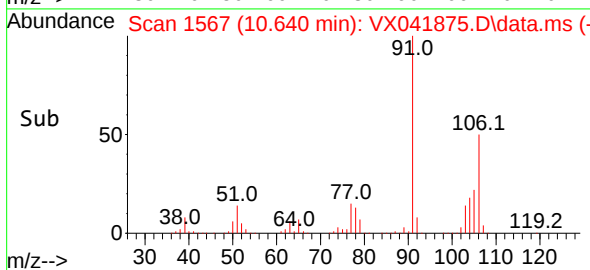
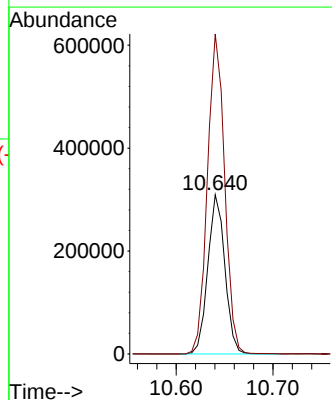
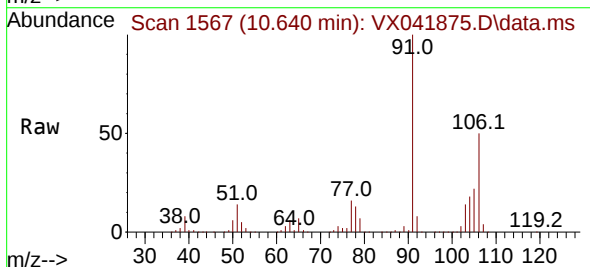
Manual Integrations
APPROVED

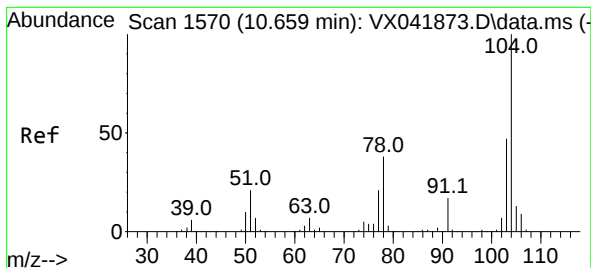
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#68
o-Xylene
Concen: 103.487 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

Tgt Ion:106 Resp: 379262
Ion Ratio Lower Upper
106 100
91 202.9 103.2 309.6





#69

Styrene

Concen: 106.344 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX041875.D

Acq: 14 Jun 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:104 Resp: 651272

Ion Ratio Lower Upper

104 100

78 45.9 36.5 54.7

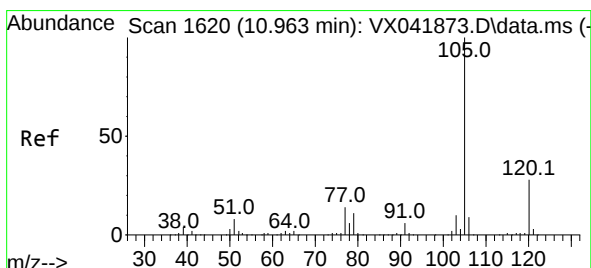
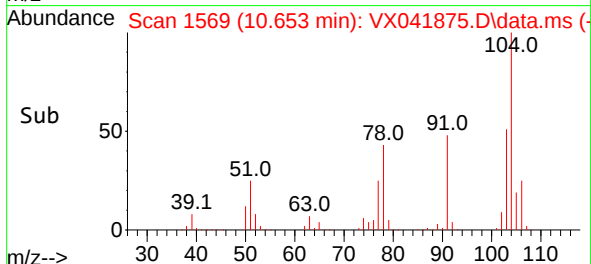
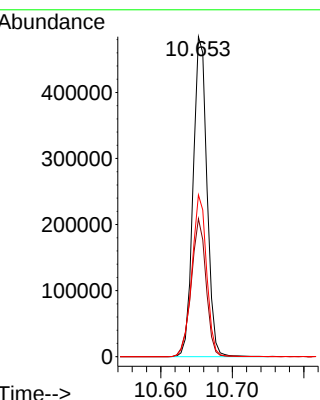
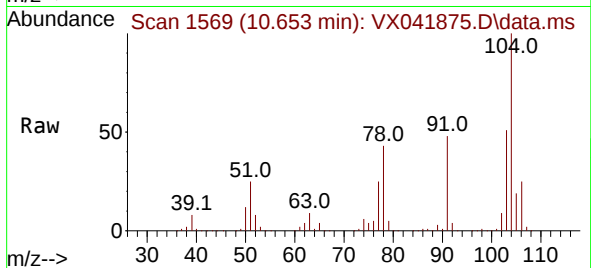
103 53.8 43.4 65.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#70

Isopropylbenzene

Concen: 103.703 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX041875.D

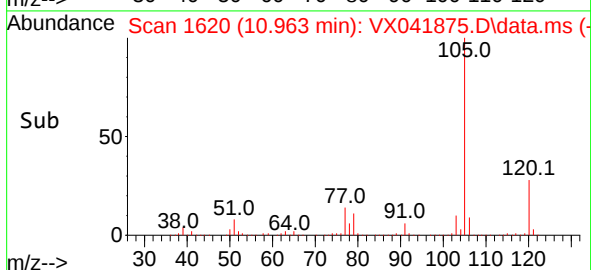
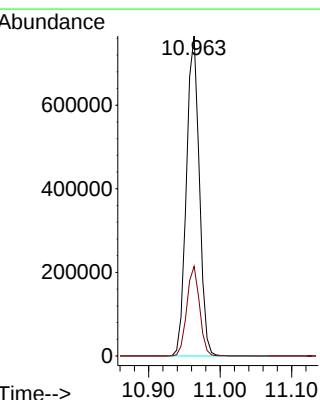
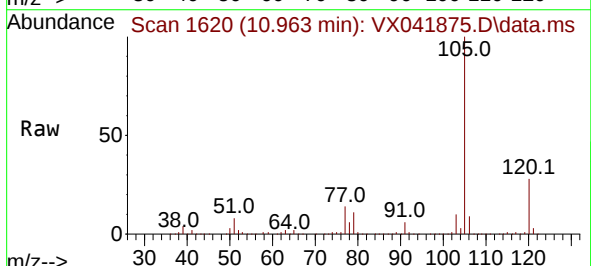
Acq: 14 Jun 2024 14:06

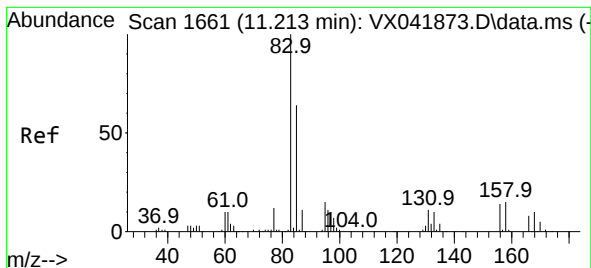
Tgt Ion:105 Resp: 955589

Ion Ratio Lower Upper

105 100

120 27.7 19.2 35.6





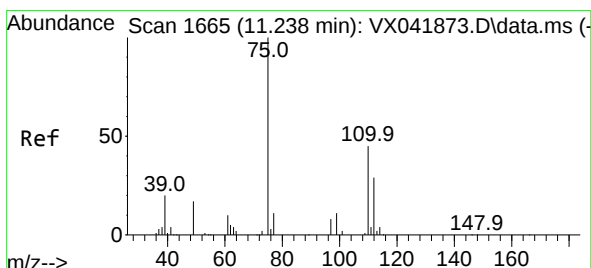
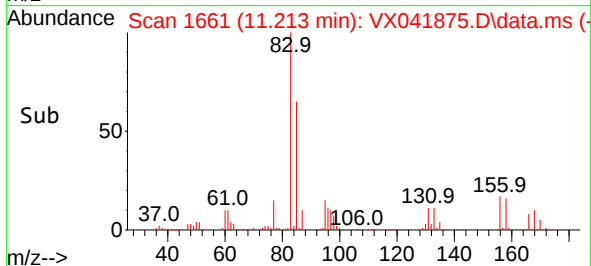
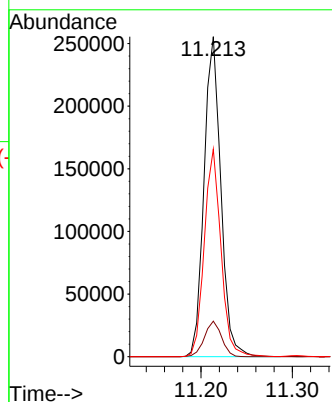
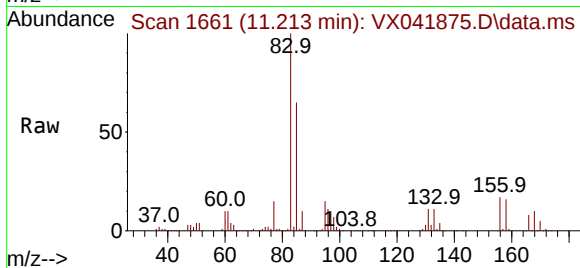
#71
1,1,2,2-Tetrachloroethane
Concen: 102.237 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 326039
Ion Ratio Lower Upper
83 100
131 11.3 5.5 16.7
85 64.3 32.6 97.7

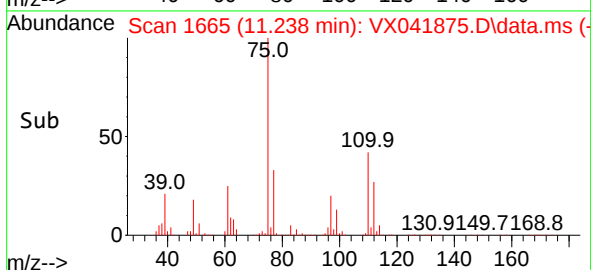
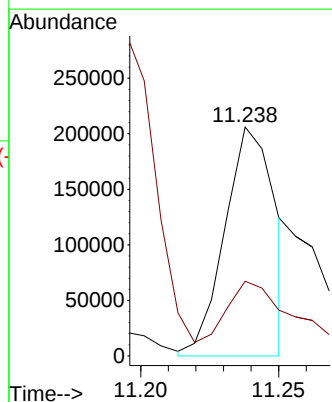
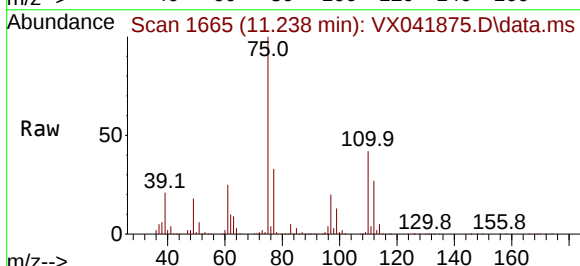
Manual Integrations
APPROVED

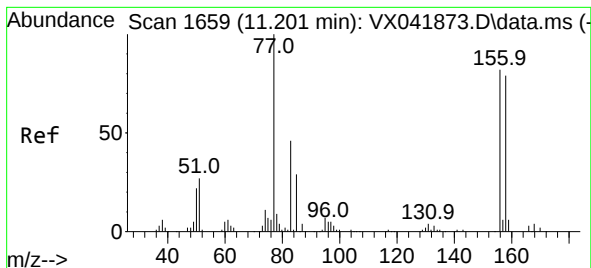
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#72
1,2,3-Trichloropropane
Concen: 95.190 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

Tgt Ion: 75 Resp: 260198
Ion Ratio Lower Upper
75 100
77 46.3 0.0 79.6





#73

Bromobenzene

Concen: 103.765 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX041875.D

Acq: 14 Jun 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

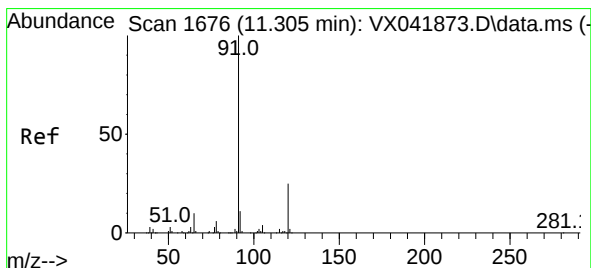
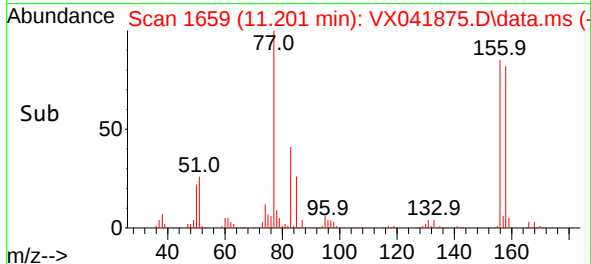
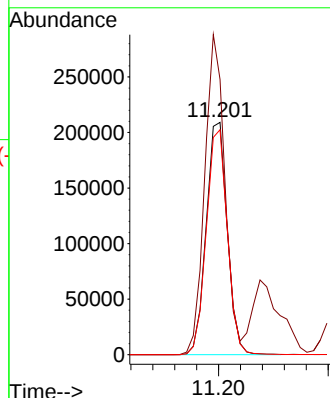
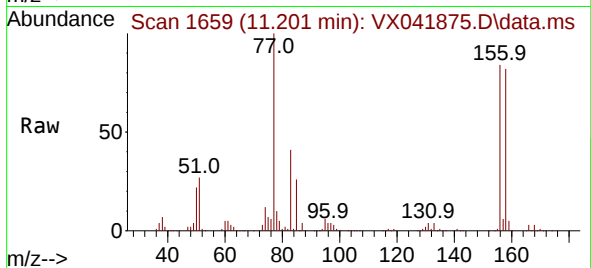
Tgt Ion:	156	Resp:	27890
Ion Ratio	Lower	Upper	
156	100		
77	131.2	0.0	266.2
158	96.8	0.0	195.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#74

n-propylbenzene

Concen: 104.993 ug/l

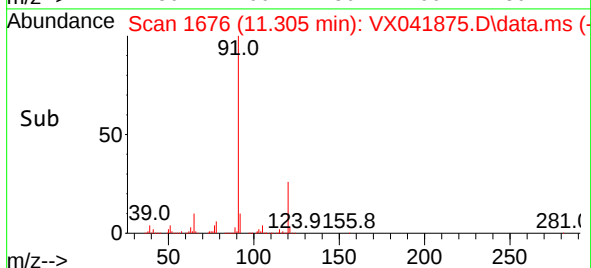
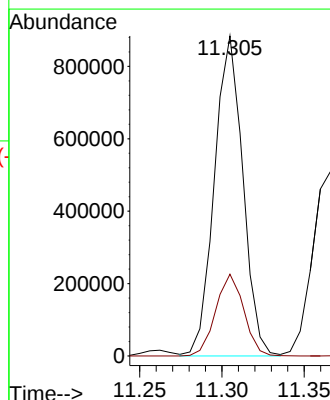
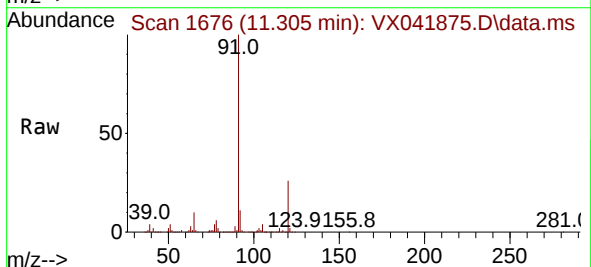
RT: 11.305 min Scan# 1676

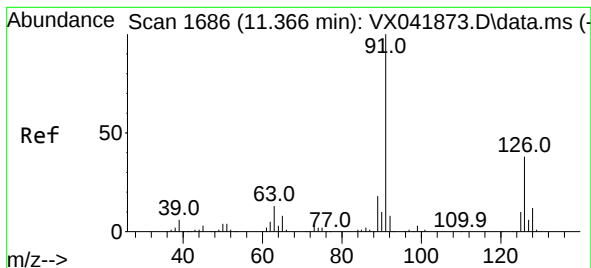
Delta R.T. 0.000 min

Lab File: VX041875.D

Acq: 14 Jun 2024 14:06

Tgt Ion:	91	Resp:	1062778
Ion Ratio	Lower	Upper	
91	100		
120	25.2	0.0	49.6





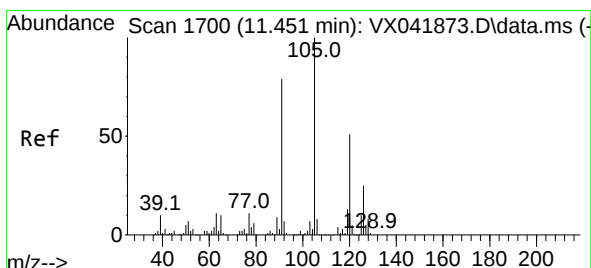
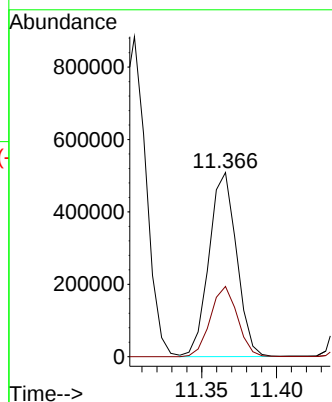
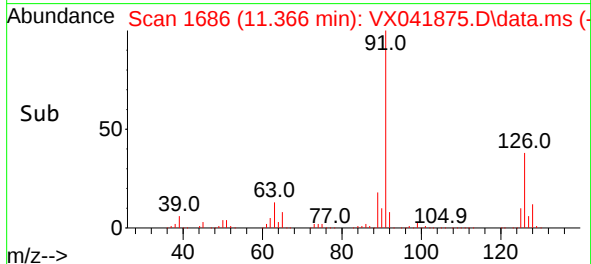
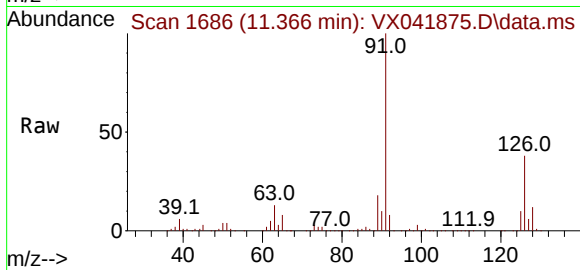
#75
2-Chlorotoluene
Concen: 101.487 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 65233
Ion Ratio Lower Upper
91 100
126 37.5 0.0 72.6

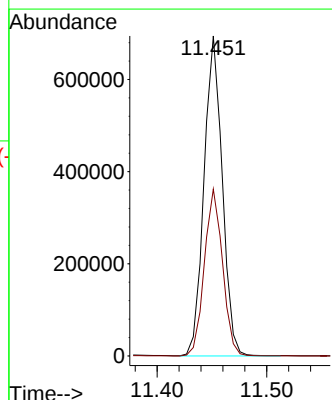
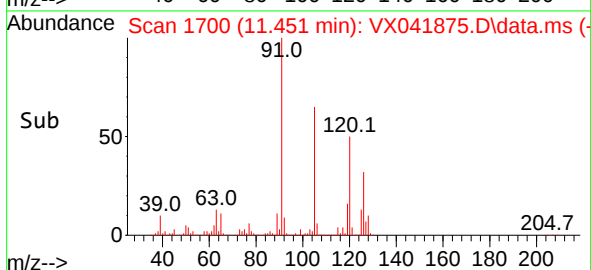
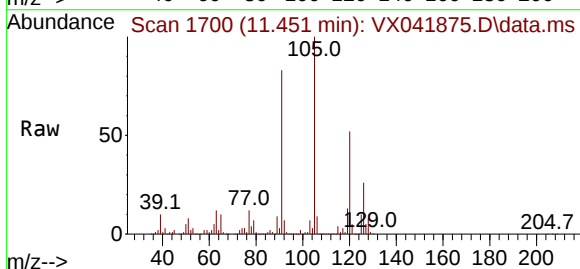
Manual Integrations
APPROVED

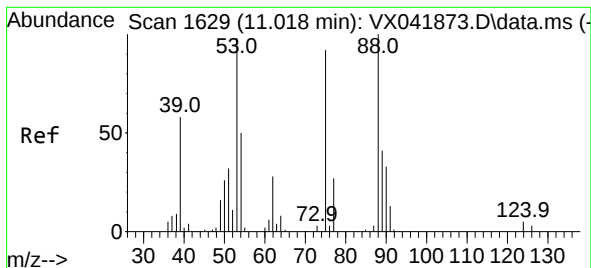
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#76
1,3,5-Trimethylbenzene
Concen: 103.930 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

Tgt Ion:105 Resp: 802324
Ion Ratio Lower Upper
105 100
120 51.9 0.0 103.0





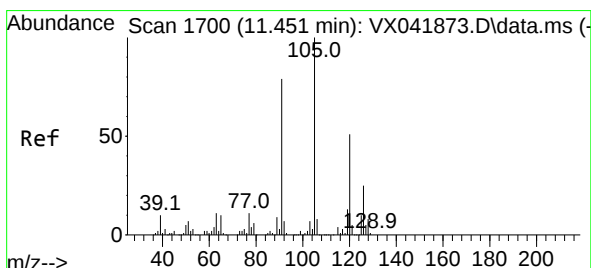
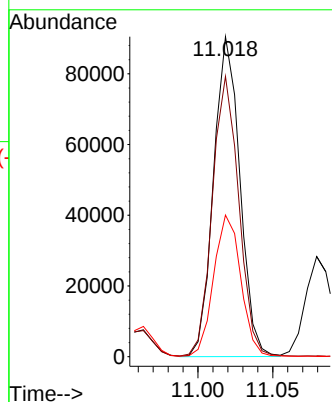
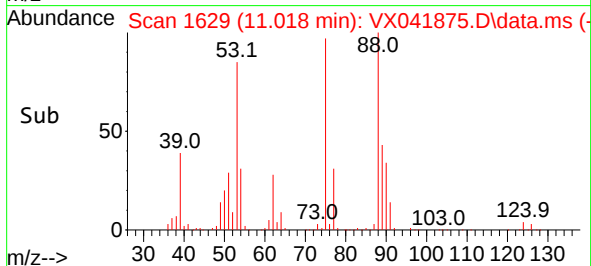
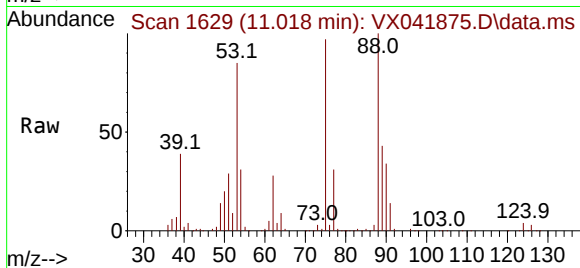
#77
t-1,4-Dichloro-2-butene
Concen: 115.896 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 11074
Ion Ratio Lower Upper
75 100
53 87.5 53.4 160.2
89 44.2 22.5 67.5

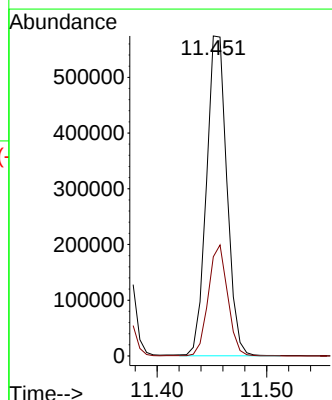
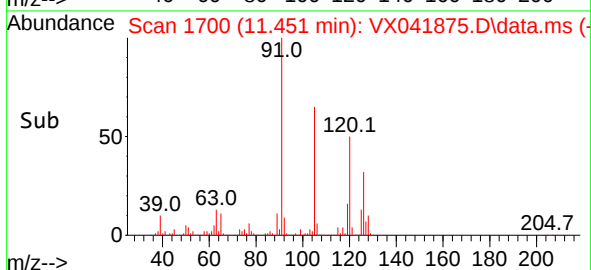
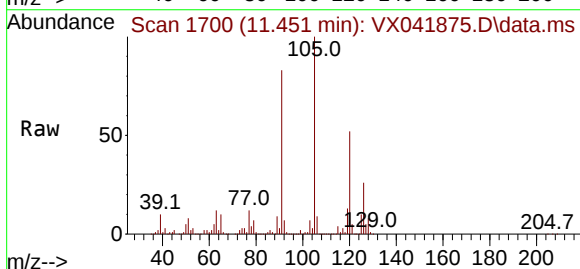
Manual Integrations
APPROVED

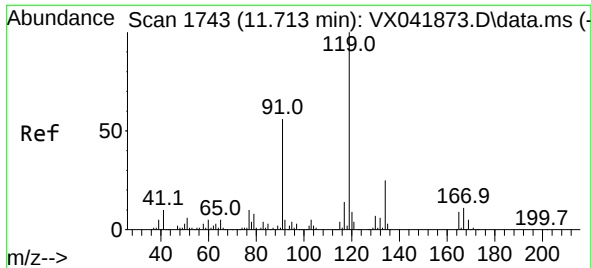
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#78
4-Chlorotoluene
Concen: 103.916 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

Tgt Ion: 91 Resp: 742001
Ion Ratio Lower Upper
91 100
126 32.8 0.0 64.8





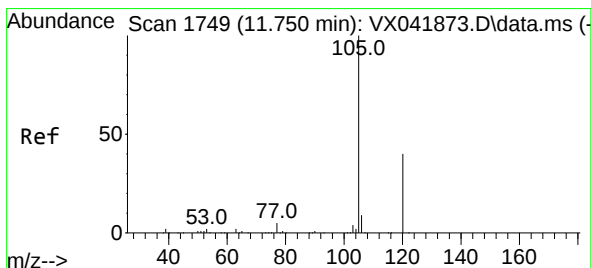
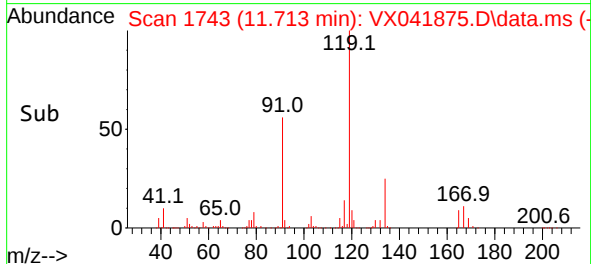
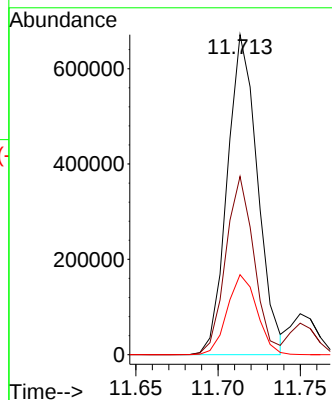
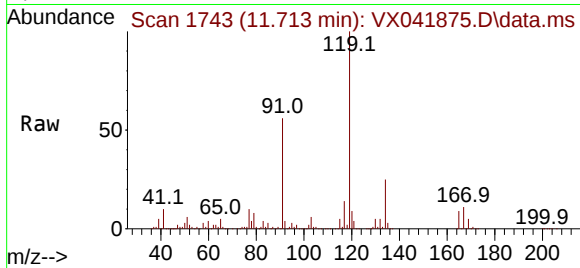
#79
tert-butylbenzene
Concen: 104.739 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:119 Resp: 858272
Ion Ratio Lower Upper
119 100
91 52.3 0.0 106.0
134 24.5 0.0 49.4

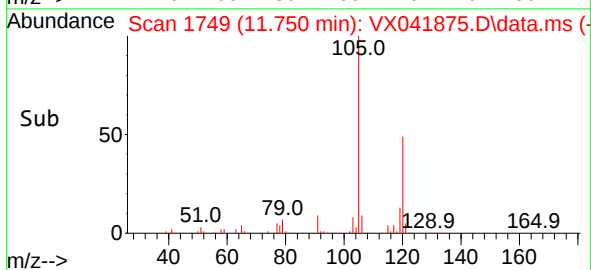
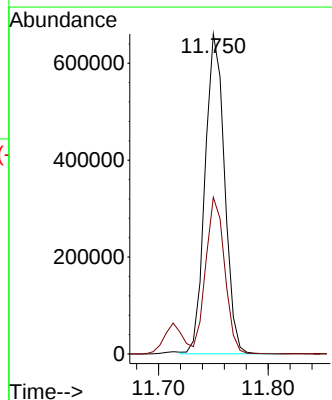
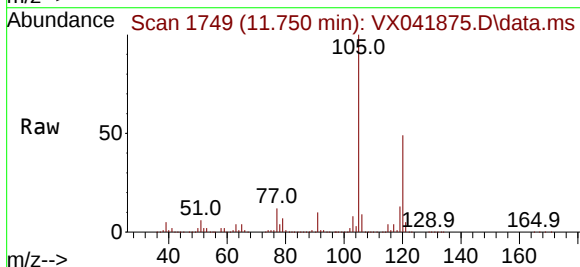
Manual Integrations
APPROVED

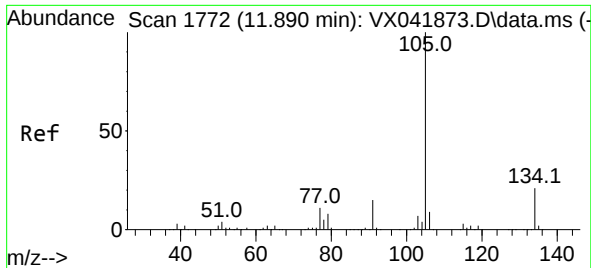
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#80
1,2,4-Trimethylbenzene
Concen: 105.455 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

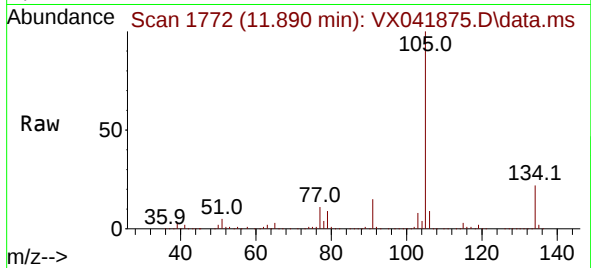
Tgt Ion:105 Resp: 813310
Ion Ratio Lower Upper
105 100
120 47.5 0.0 96.2





#81
 sec-Butylbenzene
 Concen: 105.093 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041875.D
 Acq: 14 Jun 2024 14:06

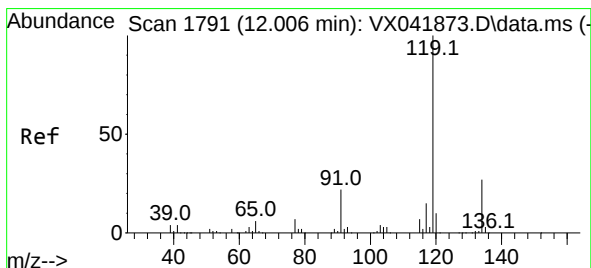
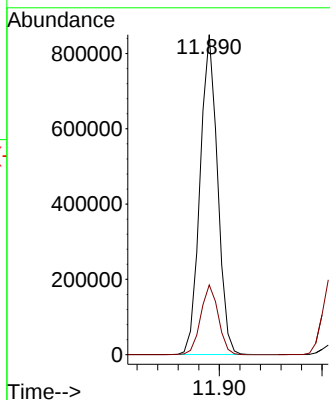
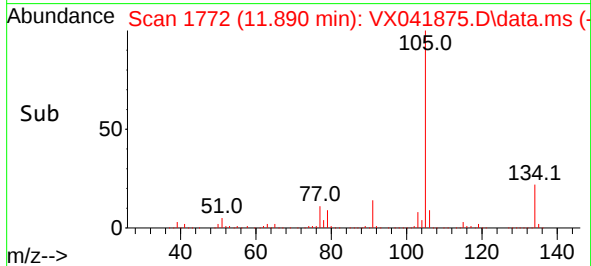
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100



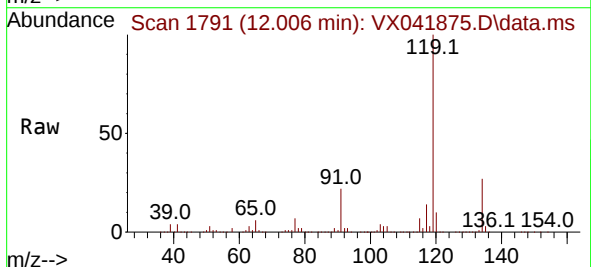
Tgt Ion:105 Resp: 1004438
 Ion Ratio Lower Upper
 105 100
 134 22.0 0.0 43.2

Manual Integrations
 APPROVED

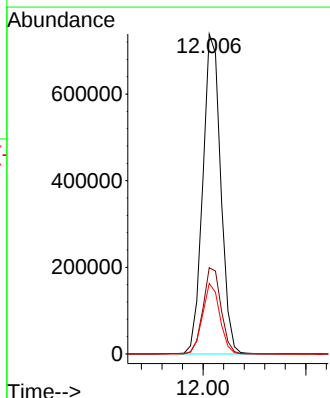
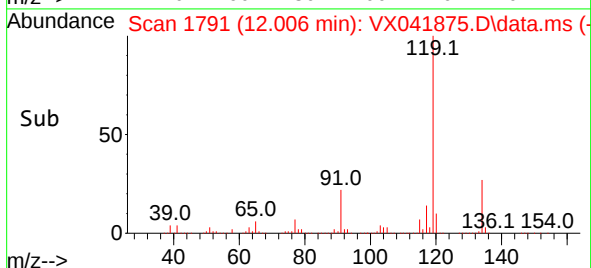
Reviewed By :John Carlone 06/17/2024
 Supervised By :Mahesh Dadoda 06/17/2024

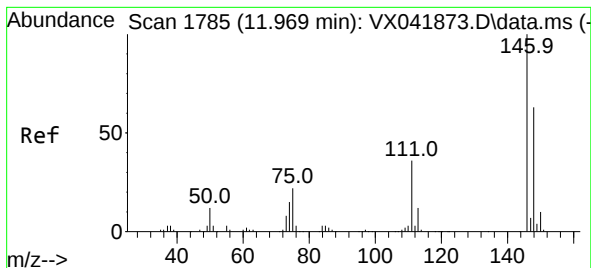


#82
 p-Isopropyltoluene
 Concen: 107.024 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041875.D
 Acq: 14 Jun 2024 14:06



Tgt Ion:119 Resp: 896373
 Ion Ratio Lower Upper
 119 100
 134 27.1 0.0 54.0
 91 21.3 0.0 42.2





#83

1,3-Dichlorobenzene

Concen: 103.949 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041875.D

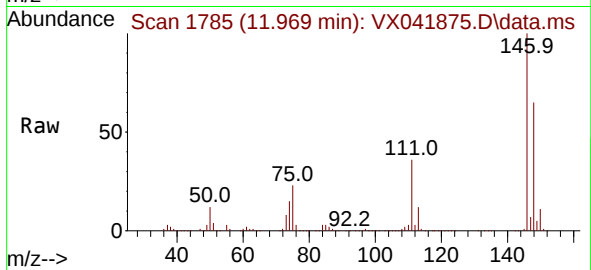
Acq: 14 Jun 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100



Tgt Ion:146 Resp: 498160

Ion Ratio Lower Upper

146 100

111 36.8 18.0 54.0

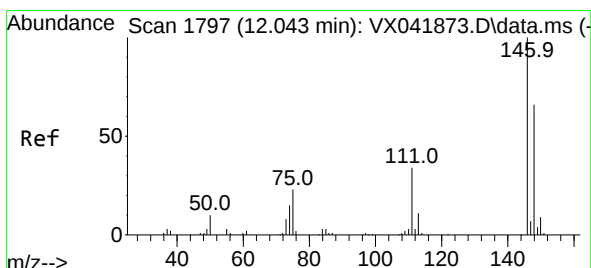
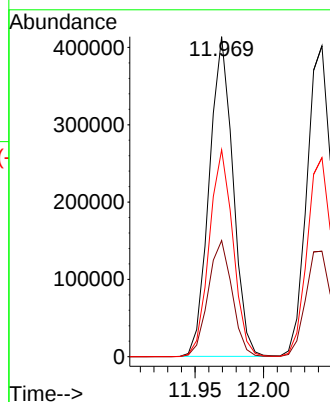
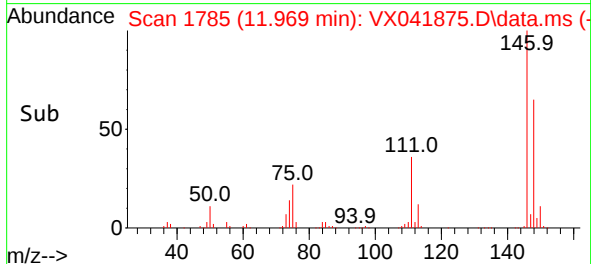
148 64.9 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#84

1,4-Dichlorobenzene

Concen: 106.164 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041875.D

Acq: 14 Jun 2024 14:06

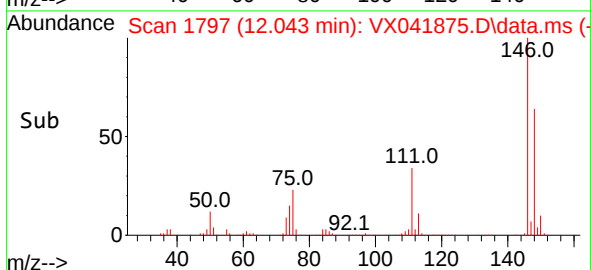
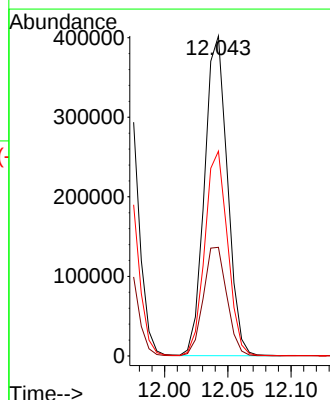
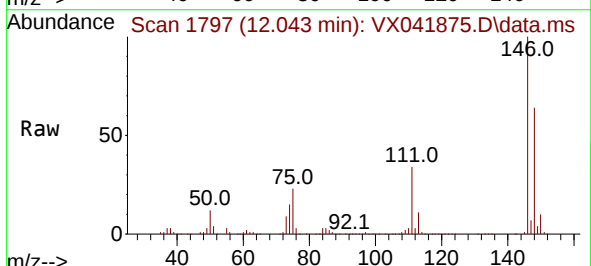
Tgt Ion:146 Resp: 506437

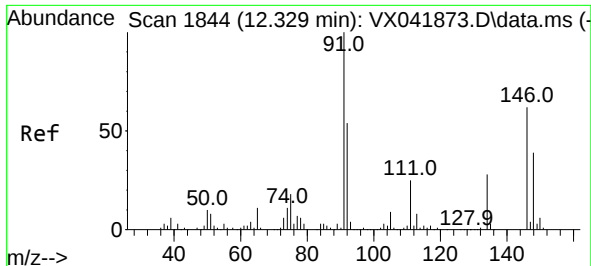
Ion Ratio Lower Upper

146 100

111 35.0 17.4 52.3

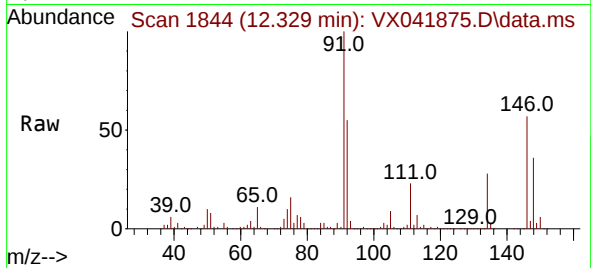
148 63.8 32.3 96.9





#85
n-Butylbenzene
Concen: 111.750 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

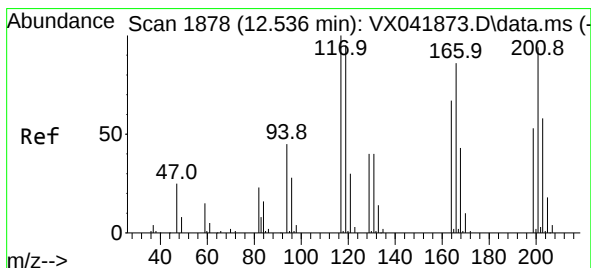
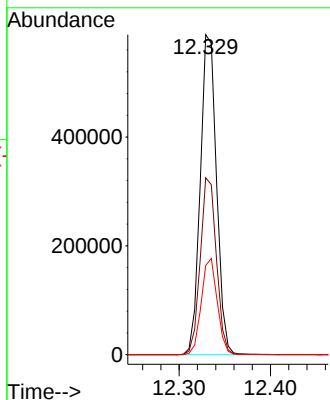
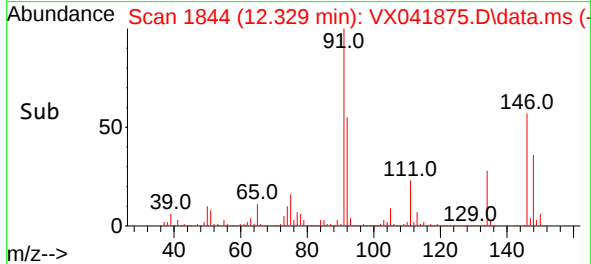
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 72375
Ion Ratio Lower Upper
91 100
92 55.1 0.0 109.8
134 29.6 0.0 58.4

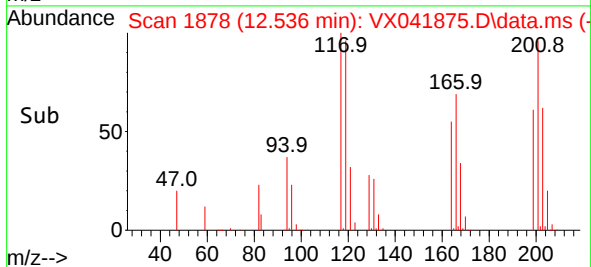
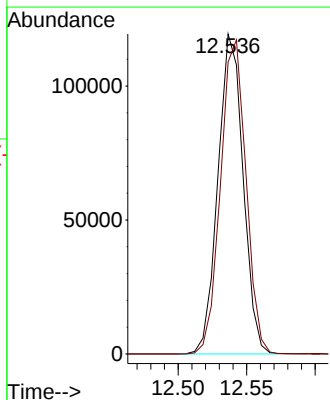
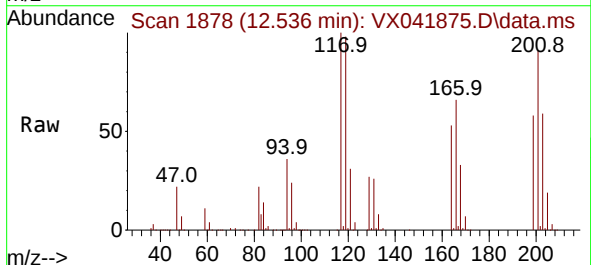
Manual Integrations
APPROVED

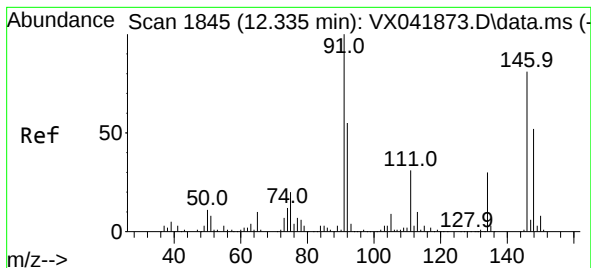
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#86
Hexachloroethane
Concen: 111.344 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

Tgt Ion:117 Resp: 152294
Ion Ratio Lower Upper
117 100
201 99.3 48.9 146.8





#87

1,2-Dichlorobenzene

Concen: 105.025 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041875.D

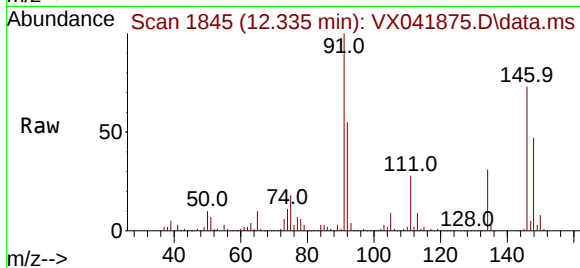
Acq: 14 Jun 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100



Tgt Ion:146 Resp: 509020

Ion Ratio Lower Upper

146 100

111 38.2 19.1 57.3

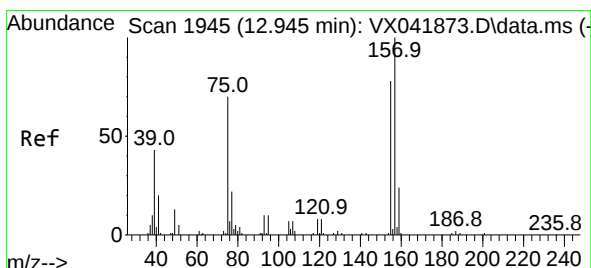
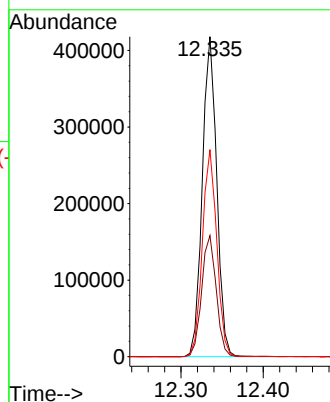
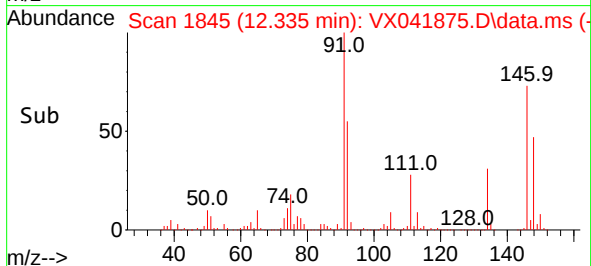
148 64.3 32.4 97.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 111.240 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX041875.D

Acq: 14 Jun 2024 14:06

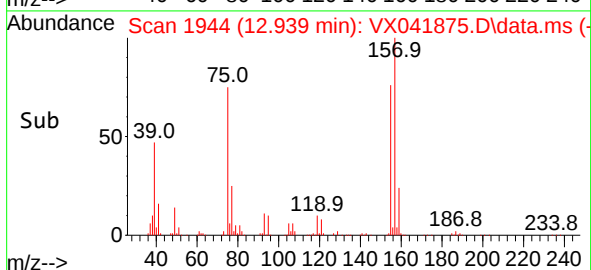
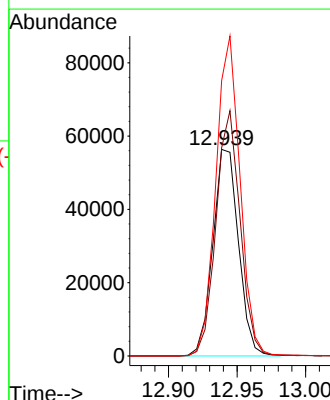
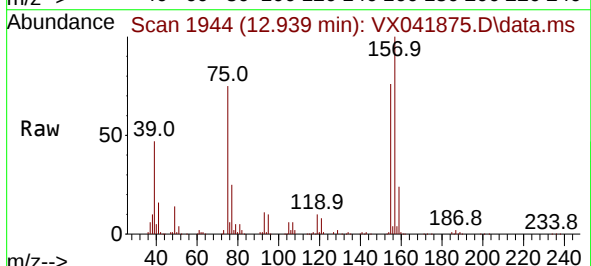
Tgt Ion: 75 Resp: 73377

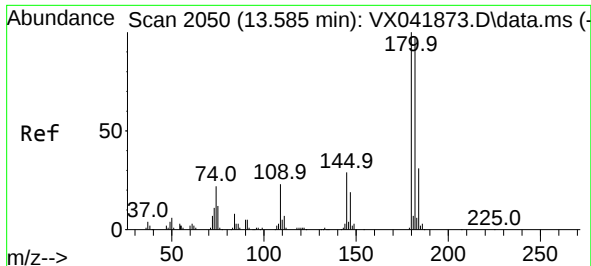
Ion Ratio Lower Upper

75 100

155 111.7 88.6 133.0

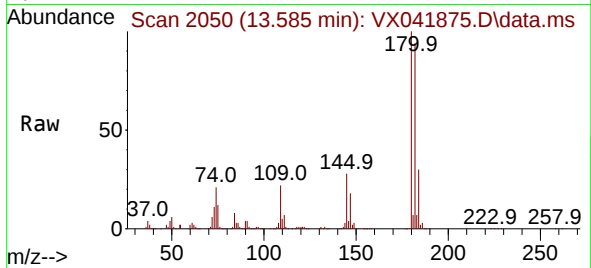
157 146.1 112.8 169.2





#89
1,2,4-Trichlorobenzene
Concen: 113.108 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

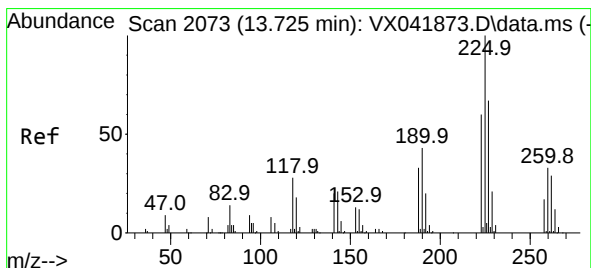
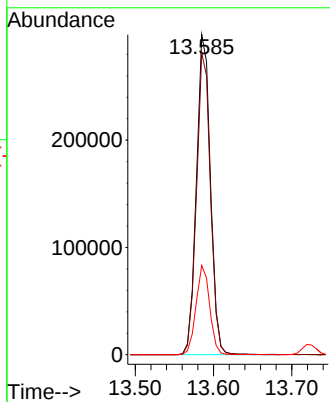
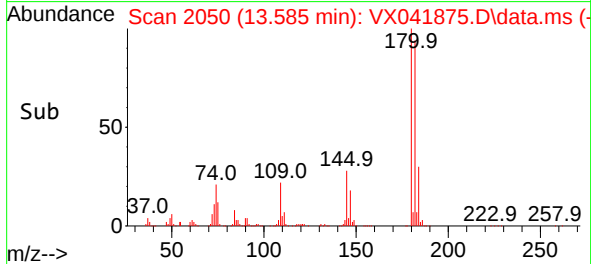
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:180 Resp: 371090
Ion Ratio Lower Upper
180 100
182 93.9 76.9 115.3
145 27.2 22.8 34.2

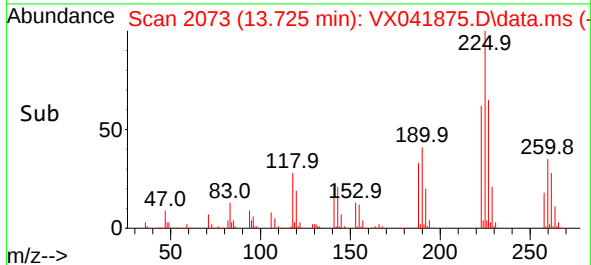
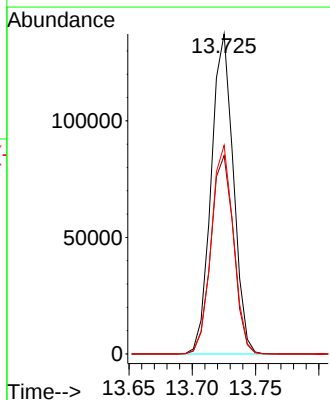
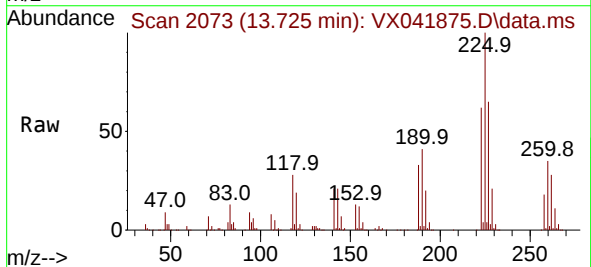
Manual Integrations
APPROVED

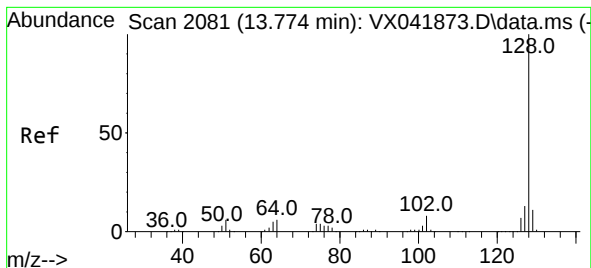
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#90
Hexachlorobutadiene
Concen: 103.325 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX041875.D
Acq: 14 Jun 2024 14:06

Tgt Ion:225 Resp: 167043
Ion Ratio Lower Upper
225 100
223 63.3 0.0 120.8
227 65.4 0.0 126.6





#91

Naphthalene

Concen: 113.047 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041875.D

Acq: 14 Jun 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:128 Resp: 1120659

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

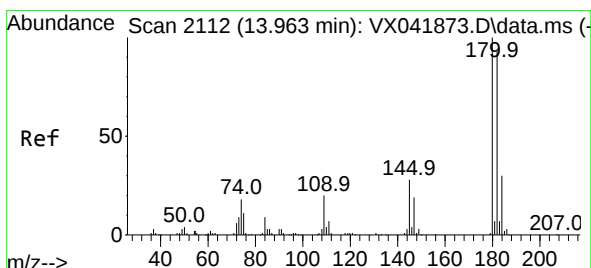
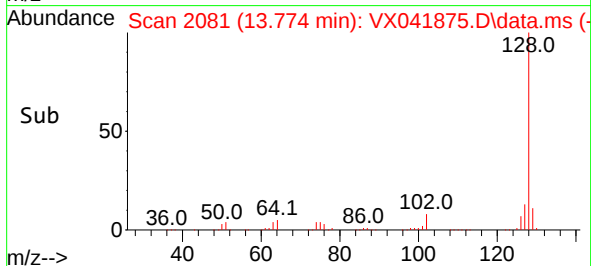
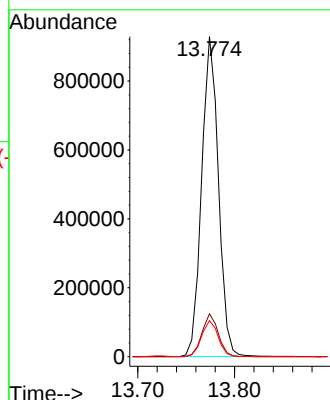
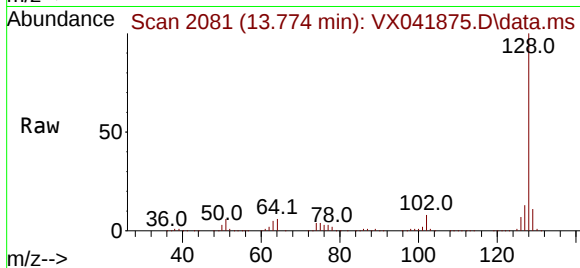
129 11.2 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#92

1,2,3-Trichlorobenzene

Concen: 111.037 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041875.D

Acq: 14 Jun 2024 14:06

Tgt Ion:180 Resp: 377278

Ion Ratio Lower Upper

180 100

182 95.9 0.0 187.8

145 29.7 0.0 58.4

