

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
 Data File : VX041096.D
 Acq On : 16 Apr 2024 11:20
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 17 01:41:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 01:32:05 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/17/2024
 Supervised By : Mahesh Dadoda 04/17/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	216891	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	302707	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	286710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	336605	143.747	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 287.500%#			
35) Dibromofluoromethane	5.385	113	300156	148.435	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 296.880%#			
50) Toluene-d8	8.647	98	1043550	147.332	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 294.660%#			
62) 4-Bromofluorobenzene	11.079	95	417512	155.280	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 310.560%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	243191	141.363	ug/l	98
3) Chloromethane	1.301	50	262680	137.391	ug/l	99
4) Vinyl Chloride	1.374	62	292890	133.657	ug/l	98
5) Bromomethane	1.599	94	176212	128.263	ug/l	97
6) Chloroethane	1.666	64	179434	124.054	ug/l	100
7) Trichlorofluoromethane	1.880	101	388814	113.040	ug/l	98
8) Diethyl Ether	2.136	74	182977	135.560	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.325	101	276819	138.444	ug/l	# 86
10) Methyl Iodide	2.447	142	309270	147.237	ug/l	89
11) Tert butyl alcohol	2.983	59	332161	725.076	ug/l	# 92
12) 1,1-Dichloroethene	2.313	96	265771	138.837	ug/l	84
13) Acrolein	2.239	56	412565	716.100	ug/l	98
14) Allyl chloride	2.660	41	439685	142.022	ug/l	# 91
15) Acrylonitrile	3.069	53	814744	718.313	ug/l	99
16) Acetone	2.386	43	641487	651.751	ug/l	93
17) Carbon Disulfide	2.508	76	604377	138.701	ug/l	99
18) Methyl Acetate	2.703	43	357470	145.477	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	877107	148.243	ug/l	99
20) Methylene Chloride	2.788	84	291737	138.909	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	274176	139.629	ug/l	87
22) Diisopropyl ether	3.764	45	859029	144.887	ug/l	86
23) Vinyl Acetate	3.721	43	3983280	741.320	ug/l	# 94
24) 1,1-Dichloroethane	3.611	63	491723	141.653	ug/l	97
25) 2-Butanone	4.556	43	1107793	716.348	ug/l	94
26) 2,2-Dichloropropane	4.477	77	414121	150.295	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	337976	142.473	ug/l	88
28) Bromochloromethane	4.904	49	191021	147.199	ug/l	# 70
29) Tetrahydrofuran	5.007	42	727777	710.869	ug/l	94
30) Chloroform	5.099	83	522607	138.546	ug/l	98
31) Cyclohexane	5.471	56	406575	140.161	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	475673	143.693	ug/l	97
36) 1,1-Dichloropropene	5.690	75	353730	138.171	ug/l	95
37) Ethyl Acetate	4.715	43	431265	141.061	ug/l	98
38) Carbon Tetrachloride	5.678	117	431728	145.437	ug/l	99
39) Methylcyclohexane	7.379	83	469285	146.088	ug/l	91
40) Benzene	6.038	78	1088125	139.238	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	248310	154.976	ug/l	95
42) 1,2-Dichloroethane	6.086	62	387884	138.515	ug/l	94
43) Isopropyl Acetate	6.342	43	695824	153.266	ug/l	96
44) Trichloroethene	7.123	130	324065	139.616	ug/l	88
45) 1,2-Dichloropropane	7.428	63	271572	146.349	ug/l	99
46) Dibromomethane	7.580	93	211463	144.935	ug/l #	76
47) Bromodichloromethane	7.824	83	425836	149.945	ug/l	98
48) Methyl methacrylate	7.696	41	348002	157.039	ug/l	91
49) 1,4-Dioxane	7.665	88	150269	2901.903	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	2255876	731.444	ug/l	95
52) Toluene	8.720	92	728509	142.805	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	444718	163.264	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	466982	156.048	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	296000	144.512	ug/l	97
56) Ethyl methacrylate	9.116	69	496278	149.767	ug/l	93
57) 1,3-Dichloropropane	9.305	76	478594	143.394	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1128336	783.280	ug/l	92
59) 2-Hexanone	9.433	43	1772492	742.932	ug/l	93
60) Dibromochloromethane	9.519	129	386084	155.833	ug/l	99
61) 1,2-Dibromoethane	9.610	107	321758	143.808	ug/l	99
64) Tetrachloroethene	9.275	164	311868	136.873	ug/l	90
65) Chlorobenzene	10.080	112	869105	137.321	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	327747	151.377	ug/l	98
67) Ethyl Benzene	10.195	91	1410868	142.857	ug/l	96
68) m/p-Xylenes	10.299	106	1149108	292.525	ug/l	89
69) o-Xylene	10.640	106	567006	148.280	ug/l	90
70) Styrene	10.653	104	981645	151.185	ug/l	95
71) Bromoform	10.799	173	338222	165.856	ug/l #	99
73) Isopropylbenzene	10.964	105	1451892	142.546	ug/l	96
74) N-amyl acetate	10.842	43	652352	161.454	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	480020	143.624	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	389768m	138.515	ug/l	
77) Bromobenzene	11.195	156	432307	144.573	ug/l	77
78) n-propylbenzene	11.305	91	1638303	143.434	ug/l	94
79) 2-Chlorotoluene	11.366	91	984776	141.429	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	1248308	147.129	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	170091	150.903	ug/l	86
82) 4-Chlorotoluene	11.451	91	1168738	144.158	ug/l	90
83) tert-Butylbenzene	11.713	119	1376222	152.088	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	1256927	148.441	ug/l	92
85) sec-Butylbenzene	11.890	105	1595753	146.971	ug/l	94
86) p-Isopropyltoluene	12.006	119	1435057	148.928	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	808940	143.403	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	820515	137.923	ug/l	95
89) n-Butylbenzene	12.329	91	1254740	153.484	ug/l	96
90) Hexachloroethane	12.536	117	264298	161.975	ug/l #	58
91) 1,2-Dichlorobenzene	12.335	146	803112	143.468	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	114334	157.718	ug/l #	51
93) 1,2,4-Trichlorobenzene	13.585	180	633448	150.565	ug/l	96
94) Hexachlorobutadiene	13.725	225	300118	149.639	ug/l	99
95) Naphthalene	13.774	128	1762418	155.097	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	628416	150.431	ug/l	95

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MSVOA_X
ClientSampleId :
VSTDICC150

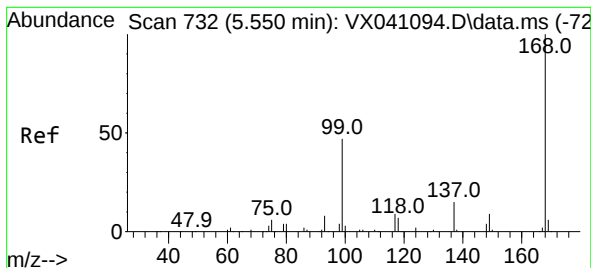
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 01:32:05 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min MSVOA_X

Lab File: VX041096.D

Acq: 16 Apr 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:168 Resp: 21689

Ion Ratio Lower Upper

168 100

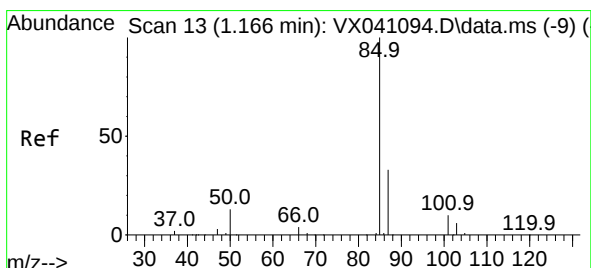
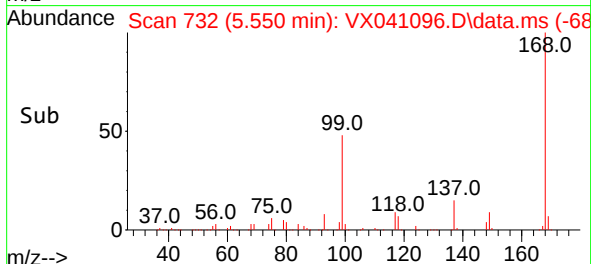
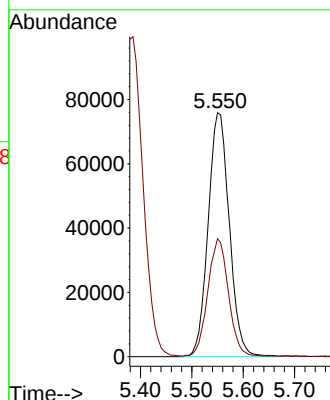
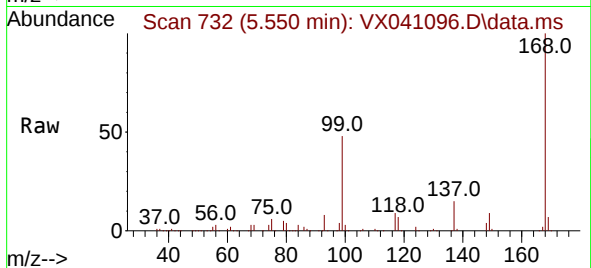
99 48.2 56.6 85.0

Manual Integrations

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Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#2

Dichlorodifluoromethane

Concen: 141.363 ug/l

RT: 1.166 min Scan# 13

Delta R.T. 0.000 min

Lab File: VX041096.D

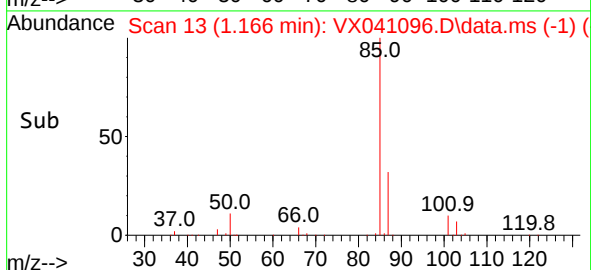
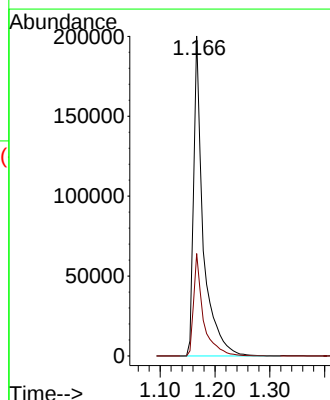
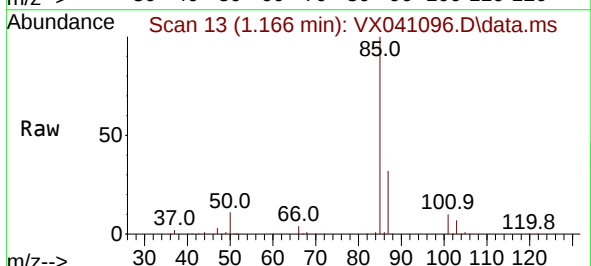
Acq: 16 Apr 2024 11:20

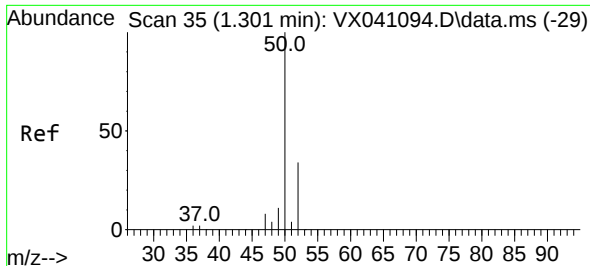
Tgt Ion: 85 Resp: 243191

Ion Ratio Lower Upper

85 100

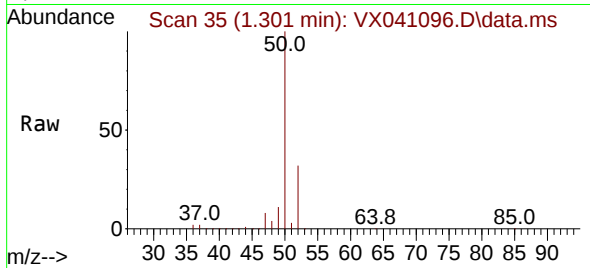
87 32.0 16.7 50.1





#3
Chloromethane
Concen: 137.391 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

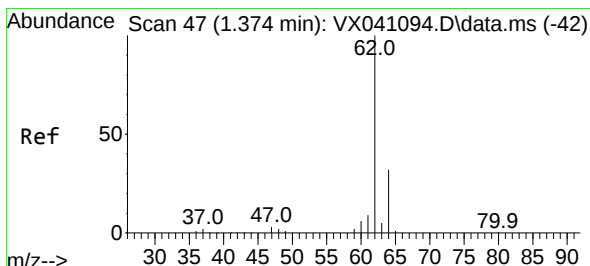
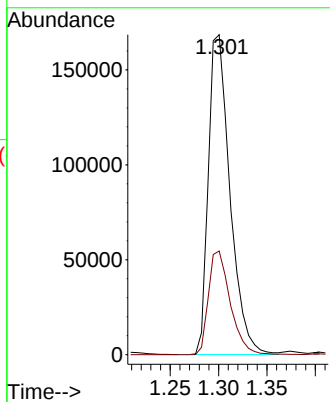
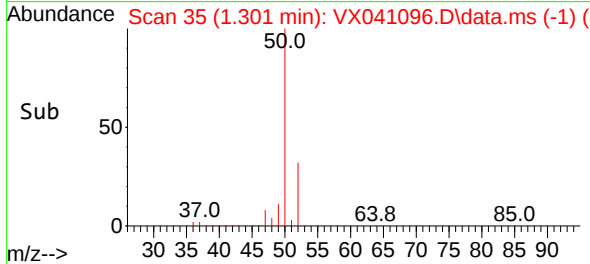
Instrument :
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ClientSampleId :
VSTDIC150



Tgt Ion: 50 Resp: 262680
Ion Ratio Lower Upper
50 100
52 32.4 25.5 38.3

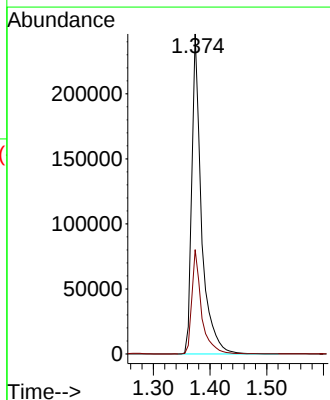
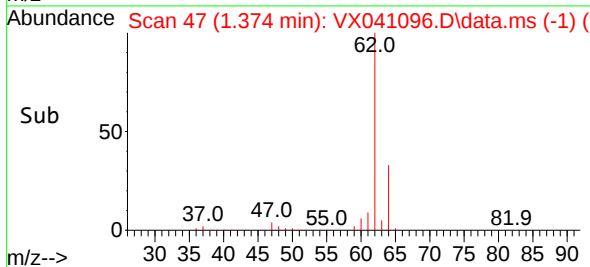
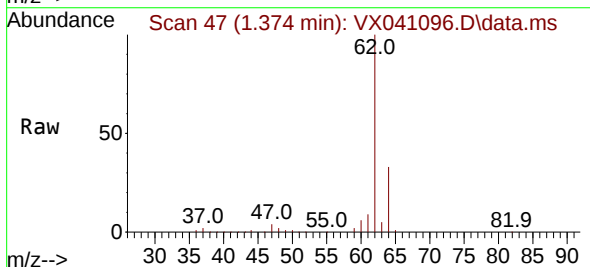
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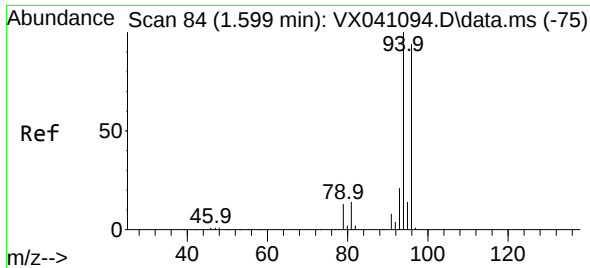
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#4
Vinyl Chloride
Concen: 133.657 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

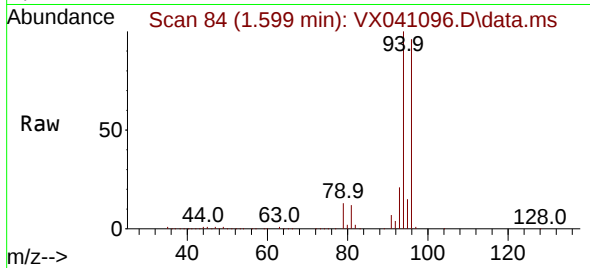
Tgt Ion: 62 Resp: 292890
Ion Ratio Lower Upper
62 100
64 32.6 25.4 38.0





#5
Bromomethane
Concen: 128.263 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

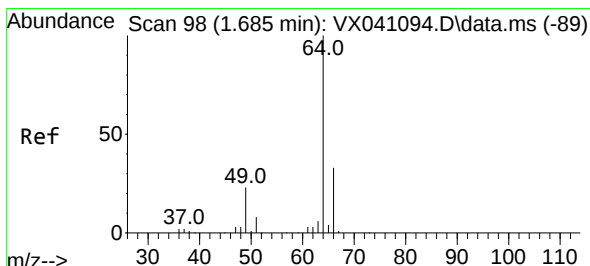
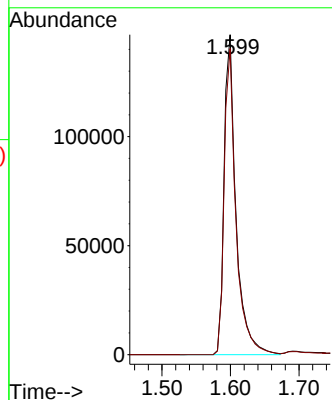
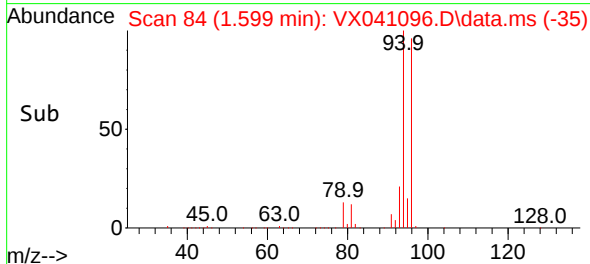
Instrument :
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Tgt Ion: 94 Resp: 176212
Ion Ratio Lower Upper
94 100
96 95.7 74.6 111.8

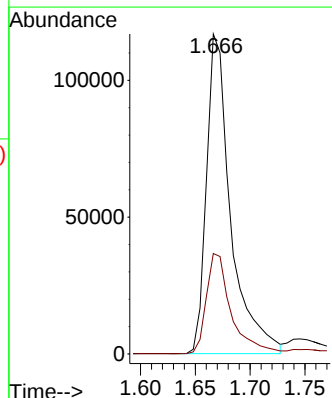
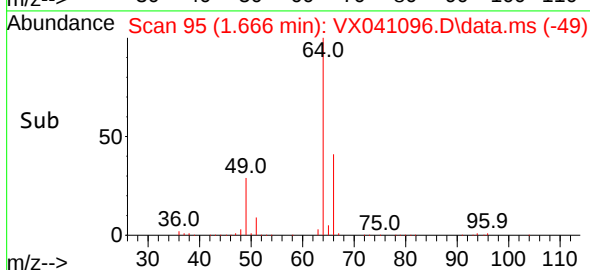
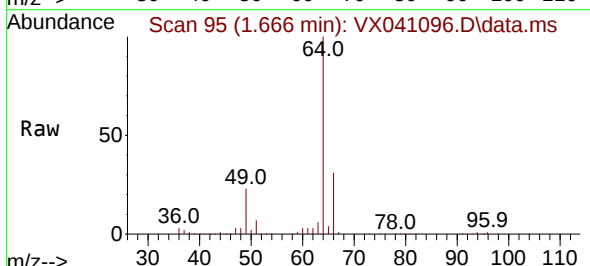
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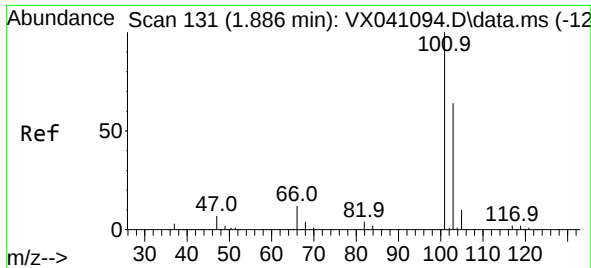
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#6
Chloroethane
Concen: 124.054 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.018 min
Lab File: VX041096.D
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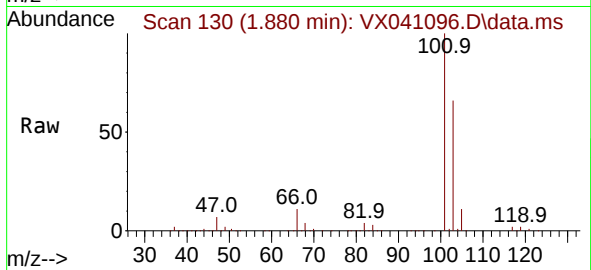
Tgt Ion: 64 Resp: 179434
Ion Ratio Lower Upper
64 100
66 31.4 25.1 37.7





#7
Trichlorofluoromethane
Concen: 113.040 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

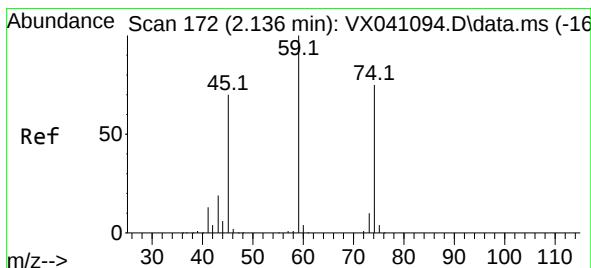
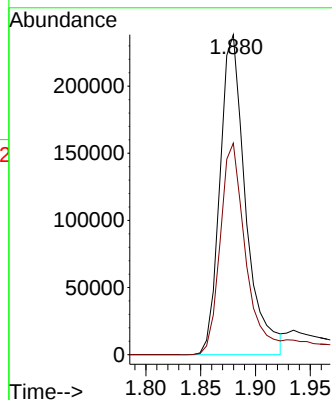
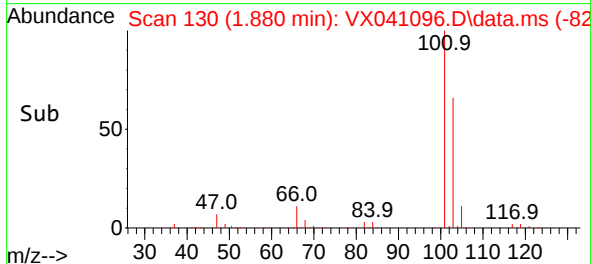
Instrument :
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VSTDICC150



Tgt Ion:101 Resp: 388814
Ion Ratio Lower Upper
101 100
103 66.1 51.4 77.2

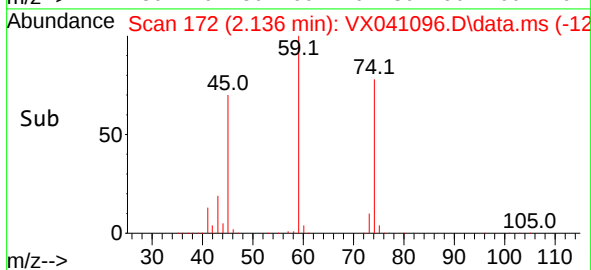
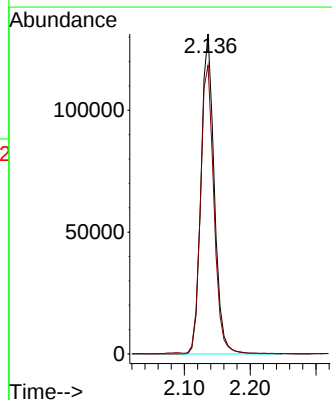
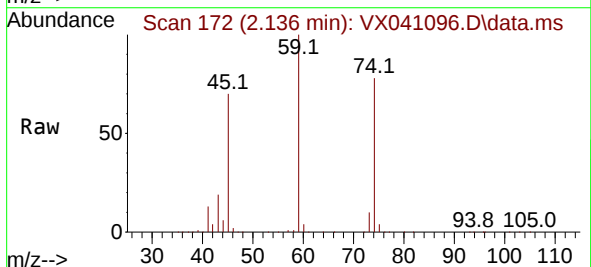
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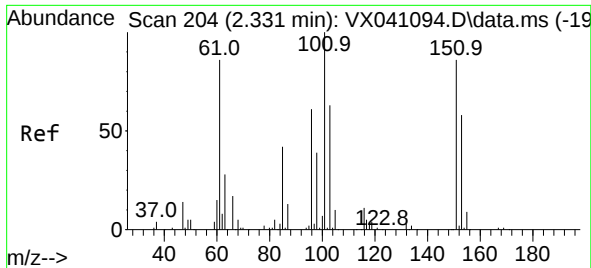
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#8
Diethyl Ether
Concen: 135.560 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

Tgt Ion: 74 Resp: 182977
Ion Ratio Lower Upper
74 100
45 91.9 53.3 159.8





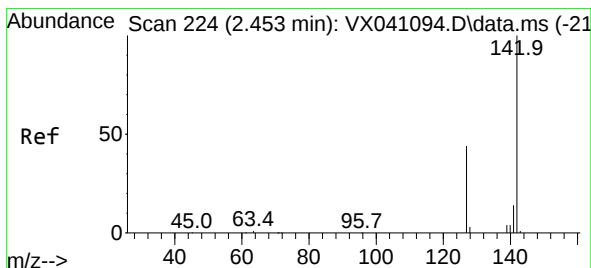
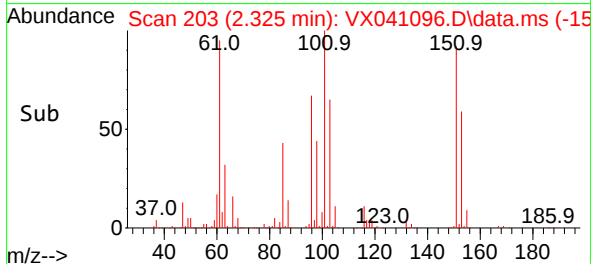
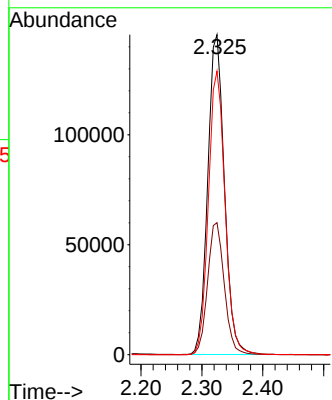
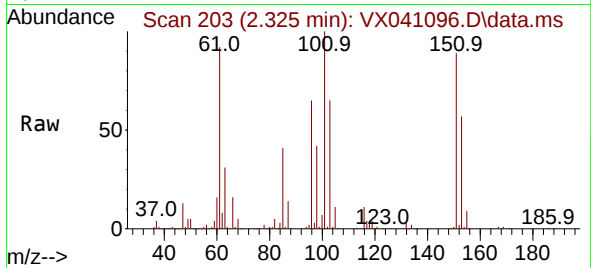
#9
1,1,2-Trichlorotrifluoroethane
Concen: 138.444 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 276819
Ion Ratio Lower Upper
101 100
85 41.5 37.0 55.6
151 88.5 58.6 87.8

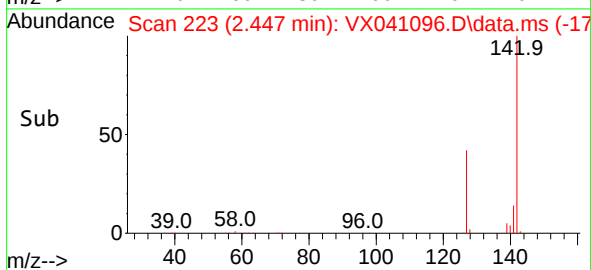
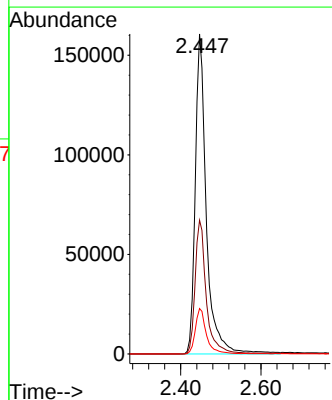
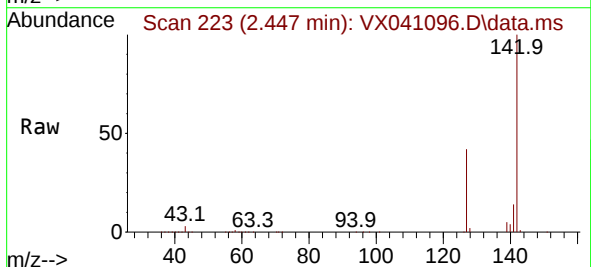
Manual Integrations
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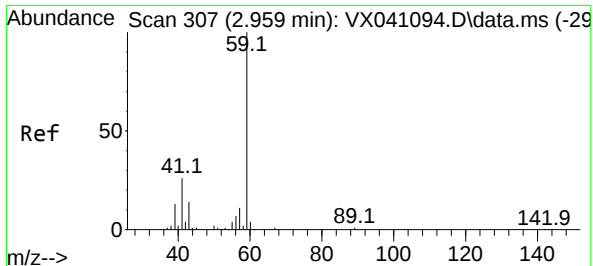
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#10
Methyl Iodide
Concen: 147.237 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

Tgt Ion:142 Resp: 309270
Ion Ratio Lower Upper
142 100
127 42.2 41.6 62.4
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 725.076 ug/l

RT: 2.983 min Scan# 311

Delta R.T. 0.024 min

Lab File: VX041096.D

Acq: 16 Apr 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 59 Resp: 33216

Ion Ratio Lower Upper

59 100

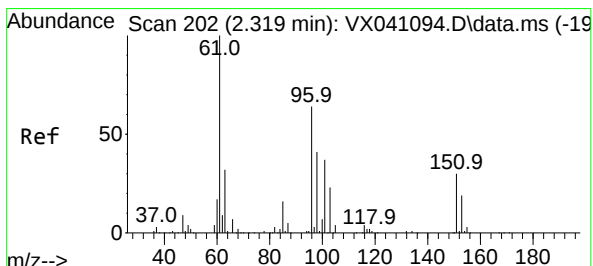
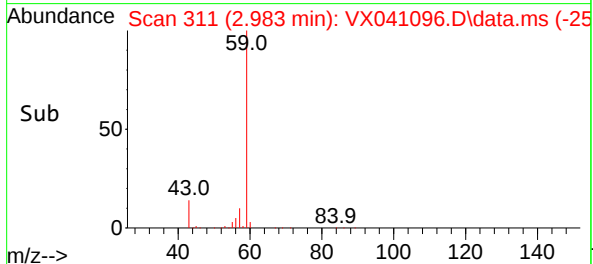
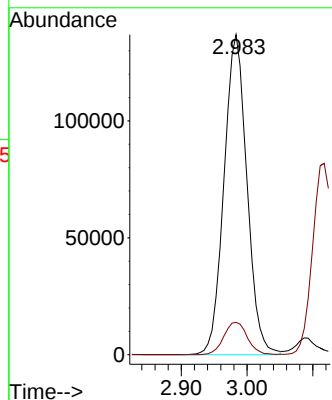
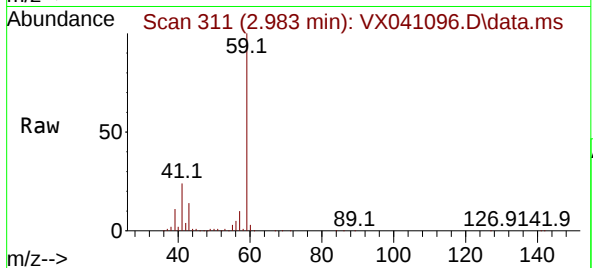
57 10.5 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#12

1,1-Dichloroethene

Concen: 138.837 ug/l

RT: 2.313 min Scan# 201

Delta R.T. -0.006 min

Lab File: VX041096.D

Acq: 16 Apr 2024 11:20

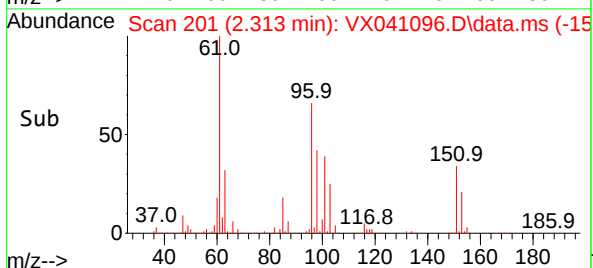
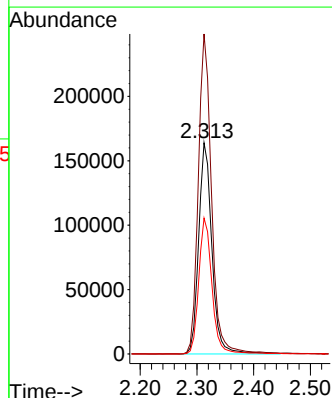
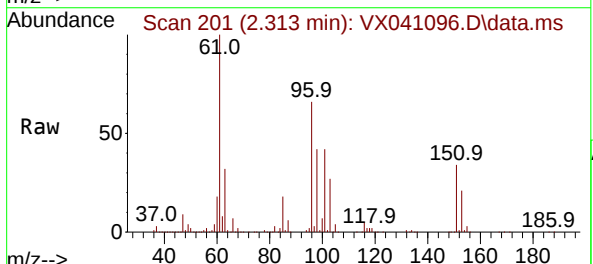
Tgt Ion: 96 Resp: 265771

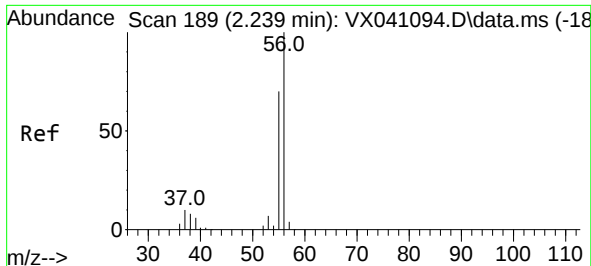
Ion Ratio Lower Upper

96 100

61 151.5 144.6 216.8

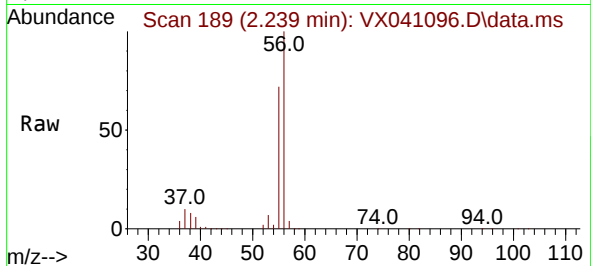
98 64.3 50.4 75.6





#13
Acrolein
Concen: 716.100 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

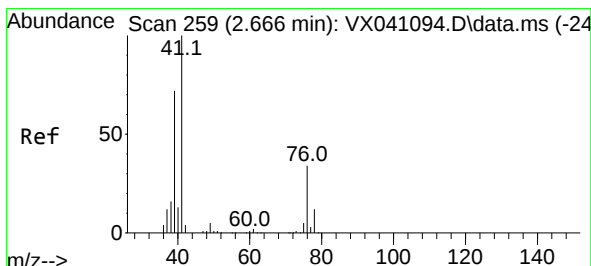
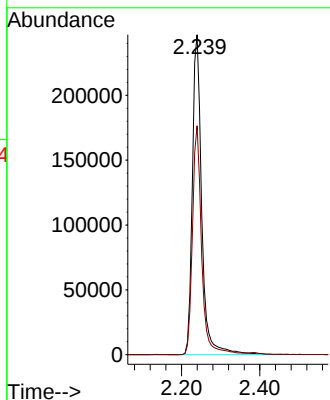
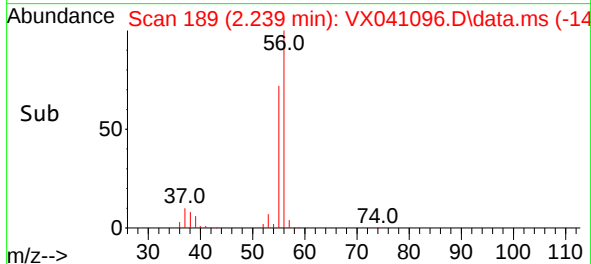
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 41256
Ion Ratio Lower Upper
56 100
55 69.9 57.1 85.7

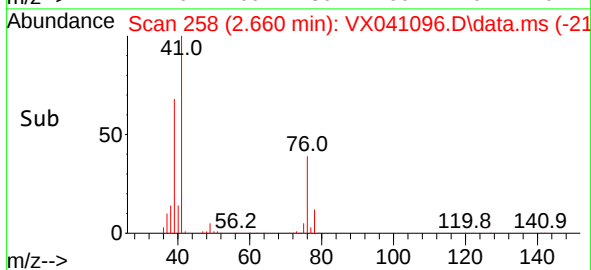
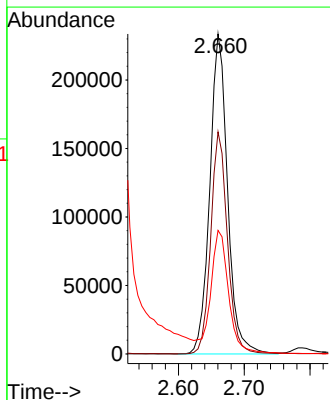
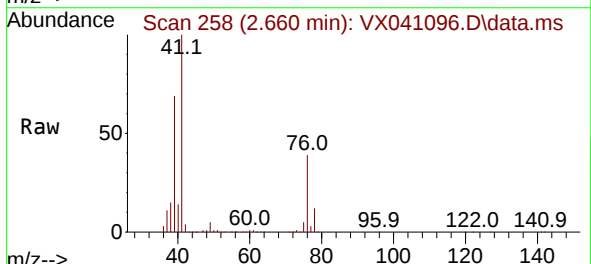
Manual Integrations
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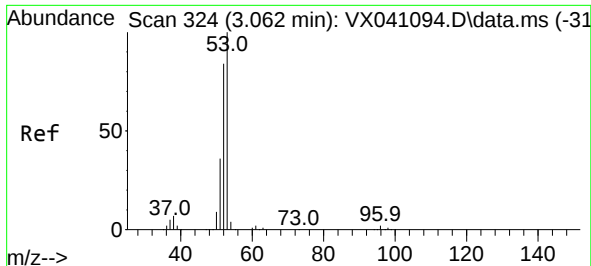
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#14
Allyl chloride
Concen: 142.022 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

Tgt Ion: 41 Resp: 439685
Ion Ratio Lower Upper
41 100
39 65.0 55.8 83.6
76 39.8 24.3 36.5





#15

Acrylonitrile

Concen: 718.313 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX041096.D

Acq: 16 Apr 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

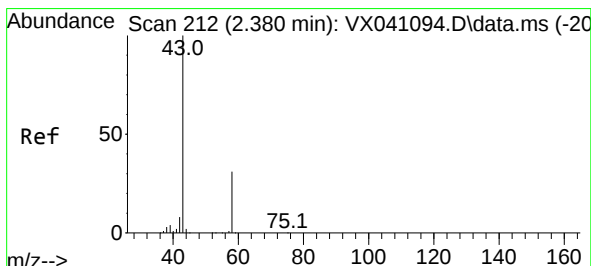
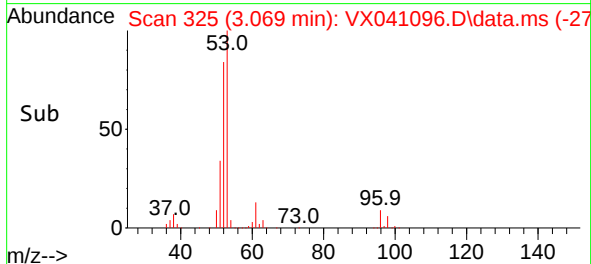
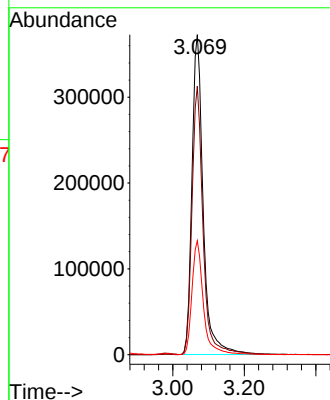
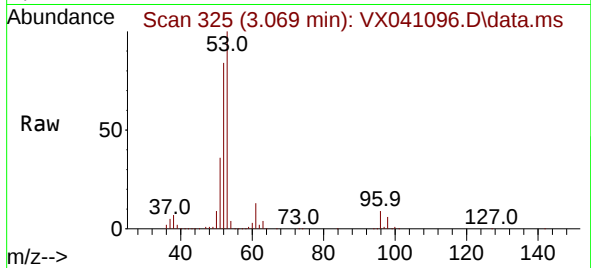
Tgt Ion: 53 Resp: 814744
 Ion Ratio Lower Upper
 53 100
 52 82.8 66.0 99.0
 51 36.0 29.8 44.6

Manual Integrations

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Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#16

Acetone

Concen: 651.751 ug/l

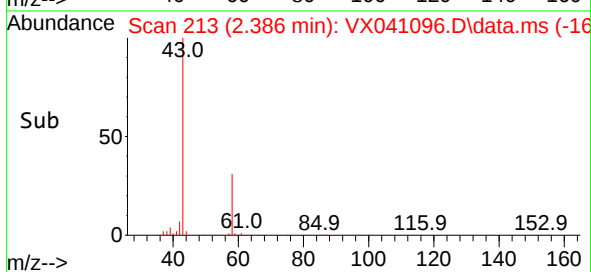
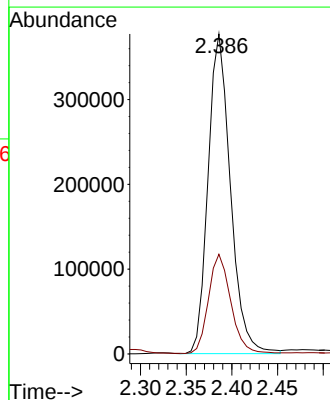
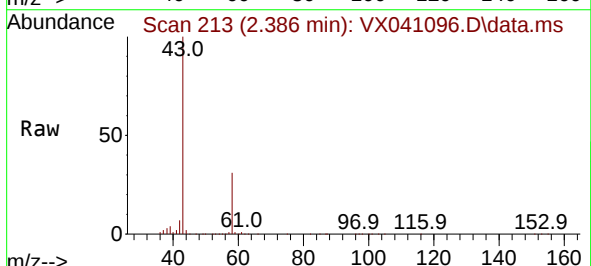
RT: 2.386 min Scan# 213

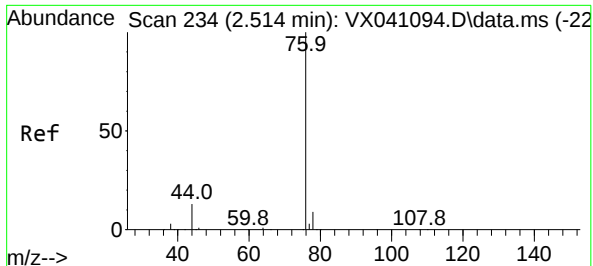
Delta R.T. 0.006 min

Lab File: VX041096.D

Acq: 16 Apr 2024 11:20

Tgt Ion: 43 Resp: 641487
 Ion Ratio Lower Upper
 43 100
 58 31.0 21.9 32.9





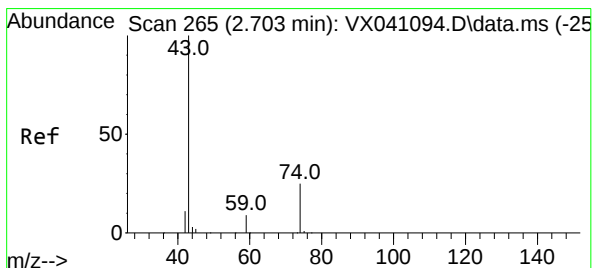
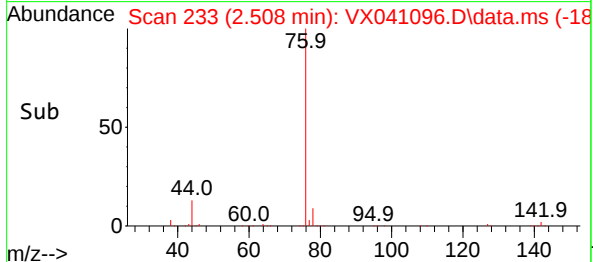
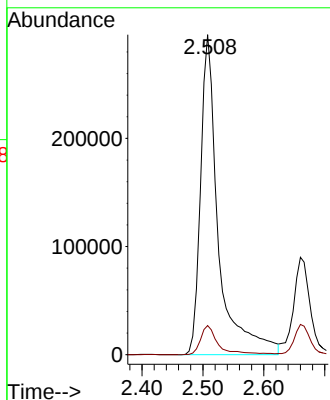
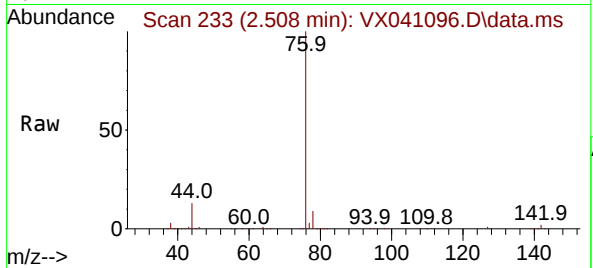
#17
Carbon Disulfide
Concen: 138.701 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 76 Resp: 60437
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

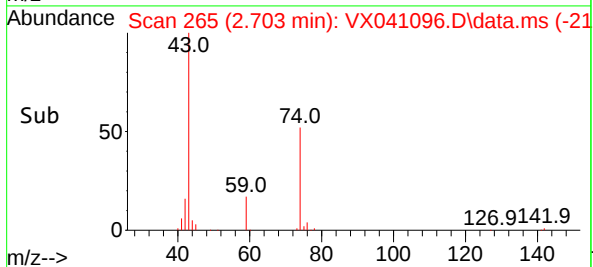
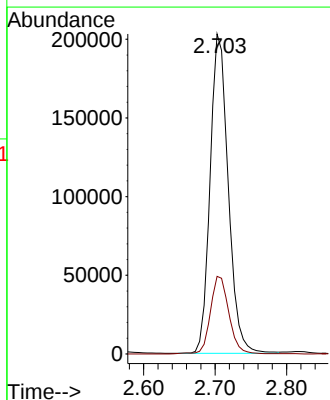
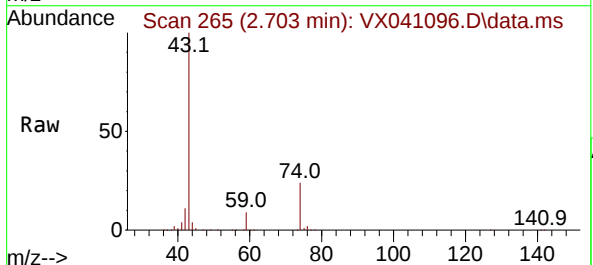
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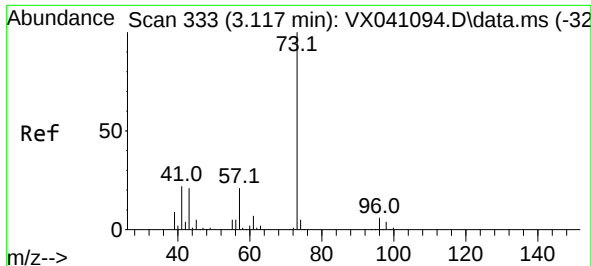
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#18
Methyl Acetate
Concen: 145.477 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

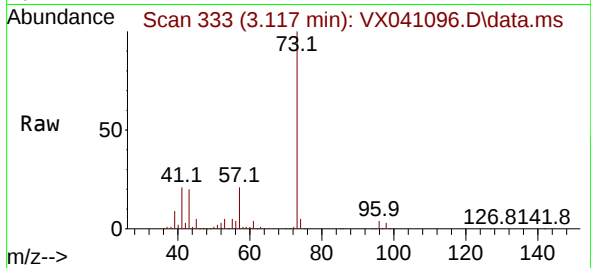
Tgt Ion: 43 Resp: 357470
Ion Ratio Lower Upper
43 100
74 24.9 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 148.243 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

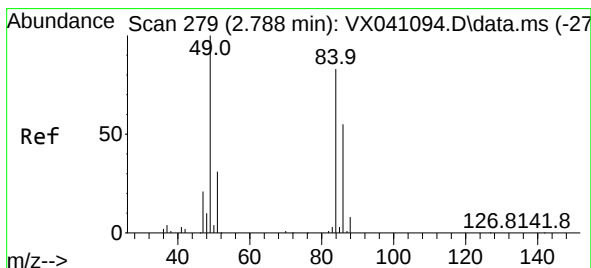
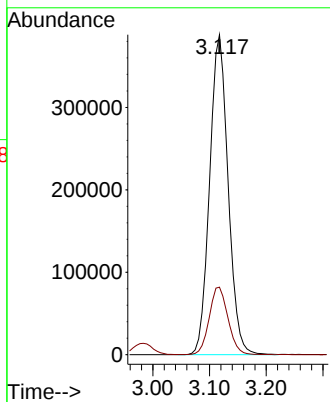
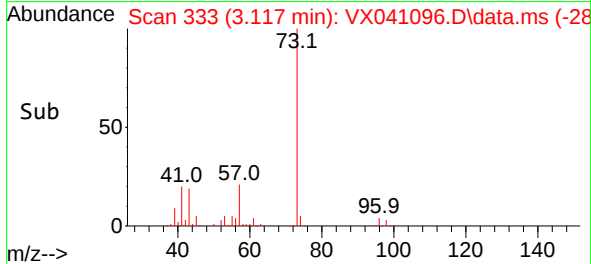
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 73 Resp: 87710
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9

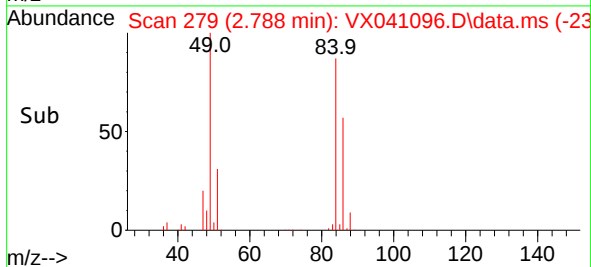
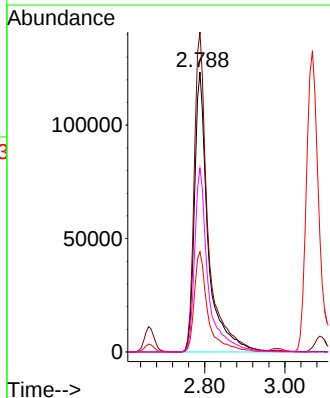
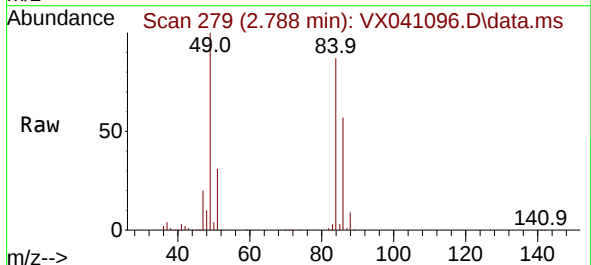
Manual Integrations
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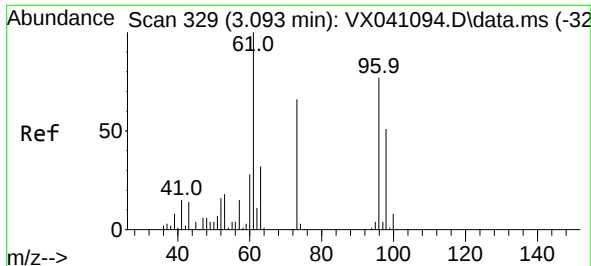
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#20
Methylene Chloride
Concen: 138.909 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

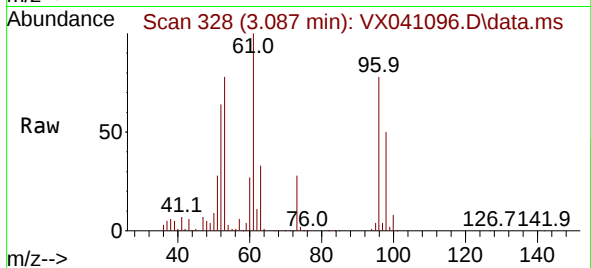
Tgt Ion: 84 Resp: 291737
Ion Ratio Lower Upper
84 100
49 114.3 103.6 155.4
51 35.8 33.8 50.6
86 65.7 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 139.629 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

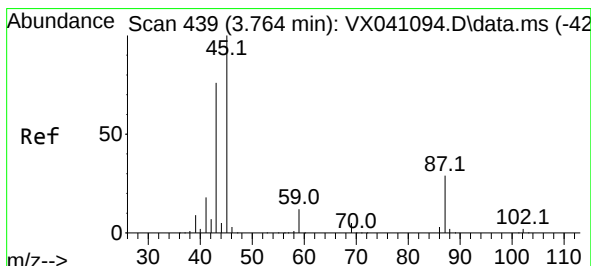
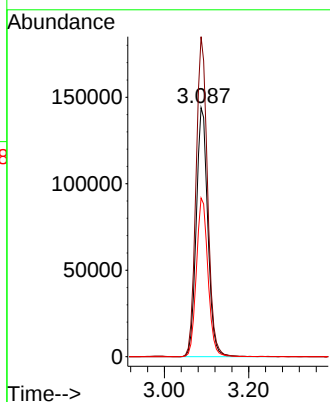
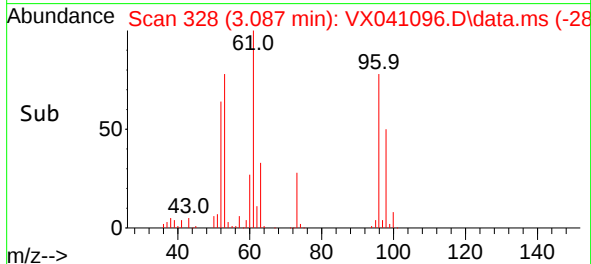
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



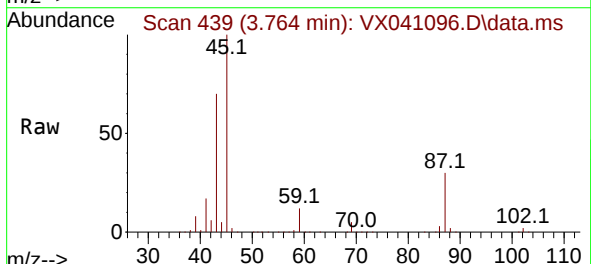
Tgt Ion: 96 Resp: 274170
Ion Ratio Lower Upper
96 100
61 128.5 119.2 178.8
98 63.8 48.7 73.1

Manual Integrations
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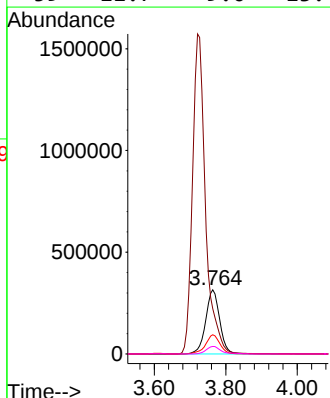
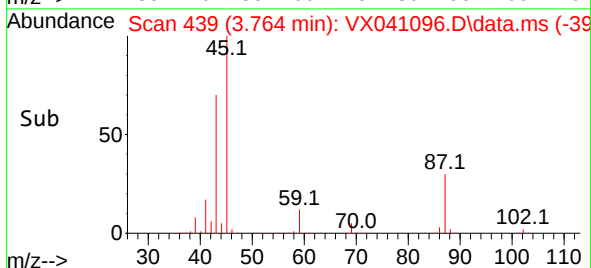
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

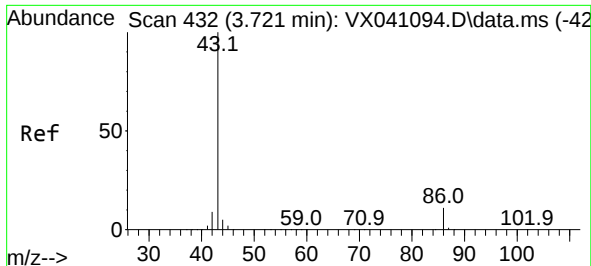


#22
Diisopropyl ether
Concen: 144.887 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20



Tgt Ion: 45 Resp: 859029
Ion Ratio Lower Upper
45 100
43 70.4 69.7 104.5
87 29.9 20.8 31.2
59 11.7 9.0 13.4





#23

Vinyl Acetate

Concen: 741.320 ug/l

RT: 3.721 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX041096.D

Acq: 16 Apr 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 3983280

Ion Ratio Lower Upper

43 100

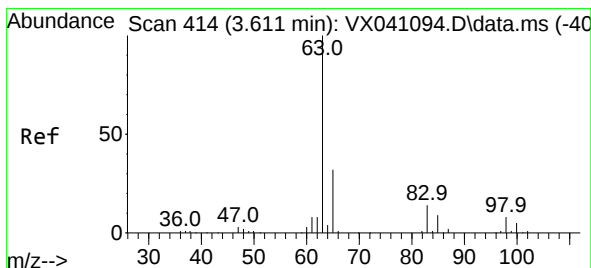
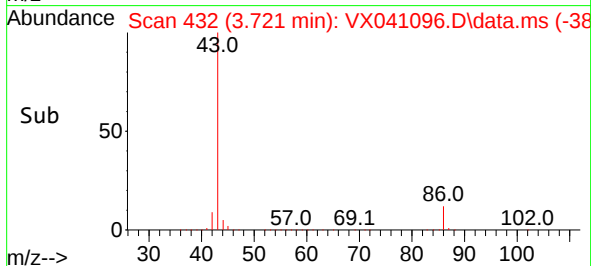
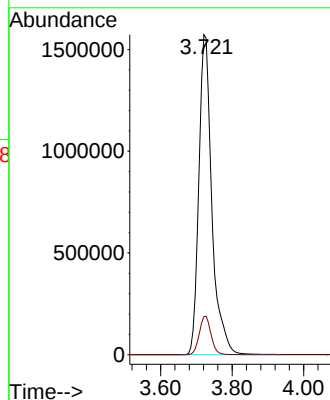
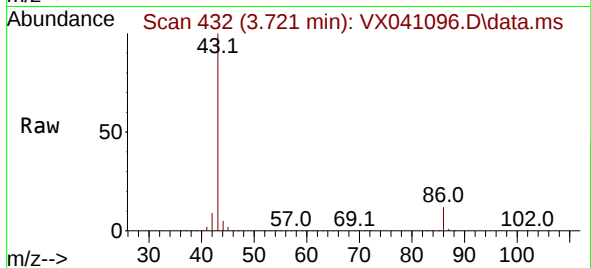
86 11.9 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#24

1,1-Dichloroethane

Concen: 141.653 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX041096.D

Acq: 16 Apr 2024 11:20

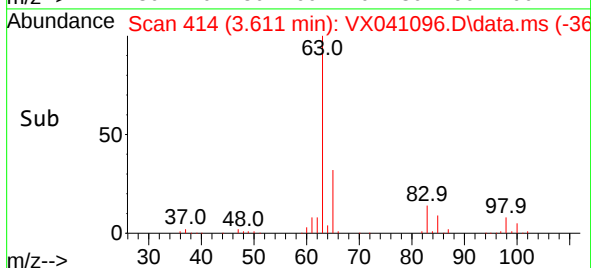
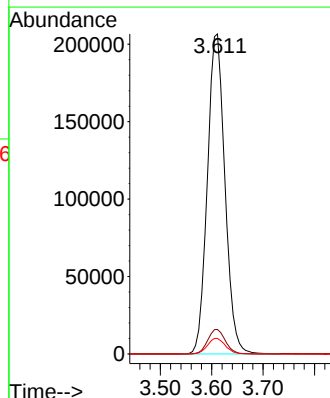
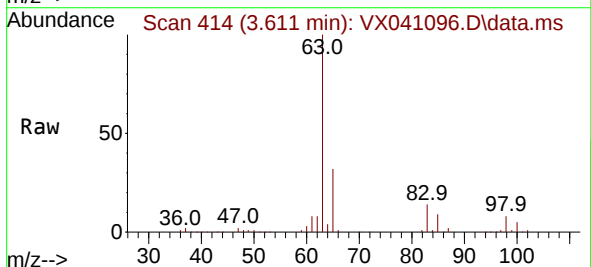
Tgt Ion: 63 Resp: 491723

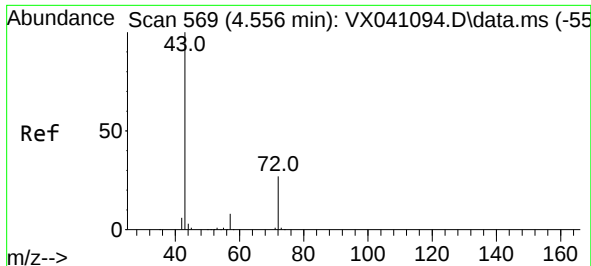
Ion Ratio Lower Upper

63 100

98 7.7 3.3 9.8

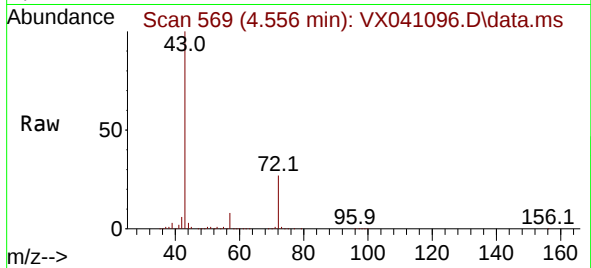
100 4.9 2.1 6.5





#25
2-Butanone
Concen: 716.348 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

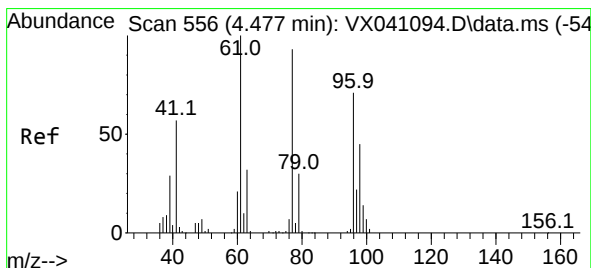
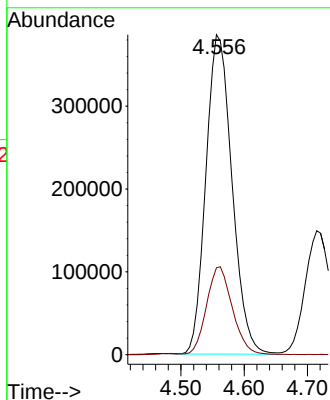
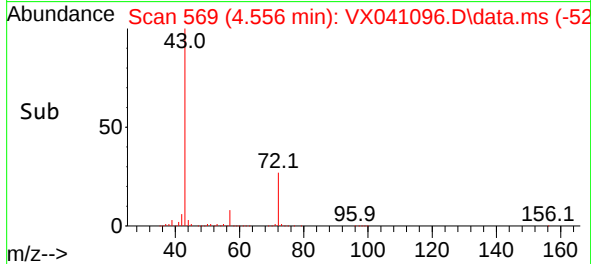
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 110779
Ion Ratio Lower Upper
43 100
72 27.1 19.4 29.2

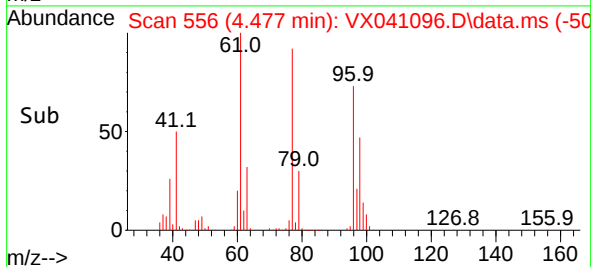
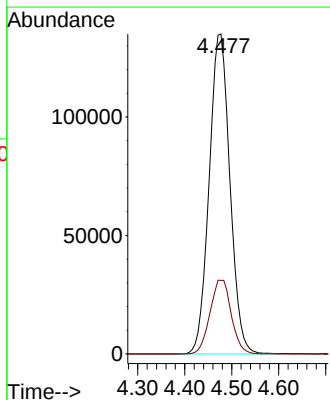
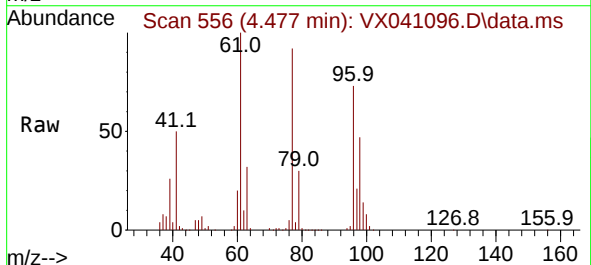
Manual Integrations
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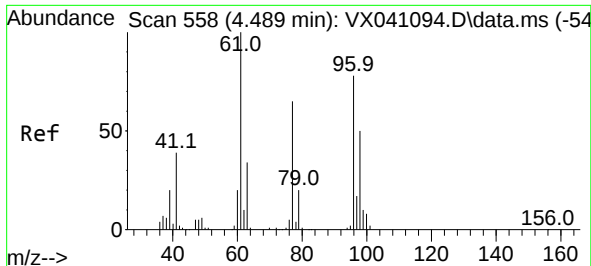
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#26
2,2-Dichloropropane
Concen: 150.295 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

Tgt Ion: 77 Resp: 414121
Ion Ratio Lower Upper
77 100
97 23.7 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 142.473 ug/l

RT: 4.483 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX041096.D

Acq: 16 Apr 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 96 Resp: 337970

Ion Ratio Lower Upper

96 100

61 135.1 0.0 312.2

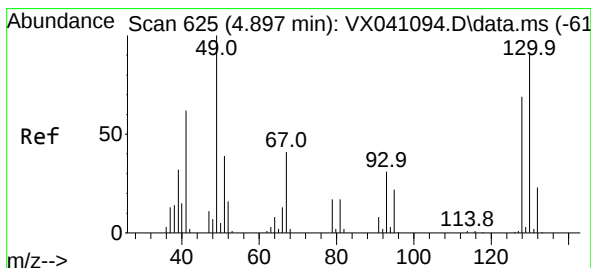
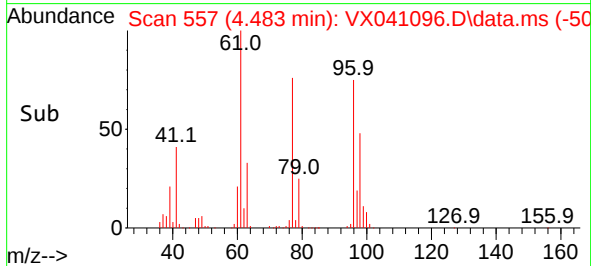
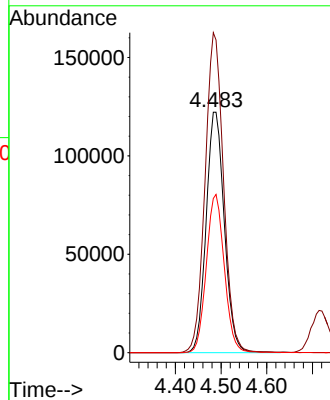
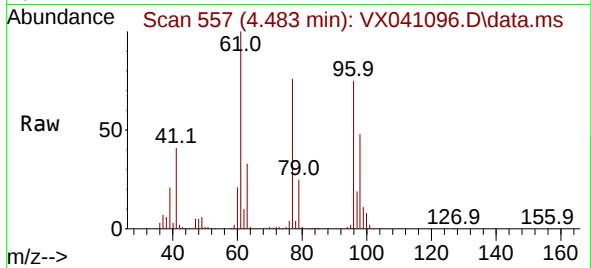
98 65.1 0.0 129.0

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Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#28

Bromochloromethane

Concen: 147.199 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.007 min

Lab File: VX041096.D

Acq: 16 Apr 2024 11:20

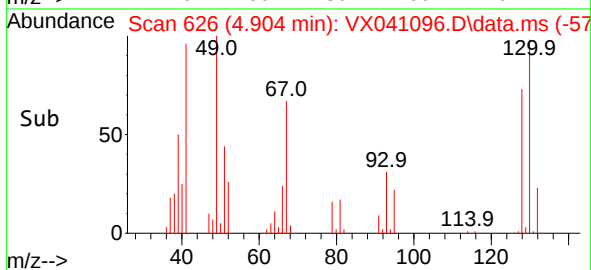
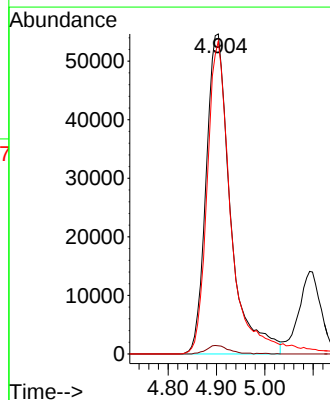
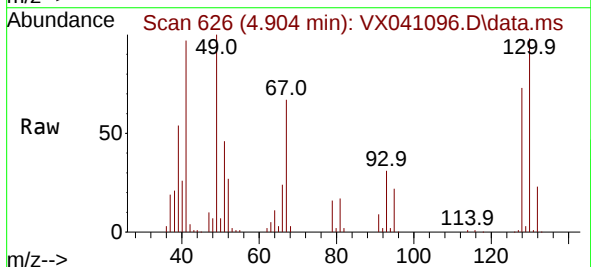
Tgt Ion: 49 Resp: 191021

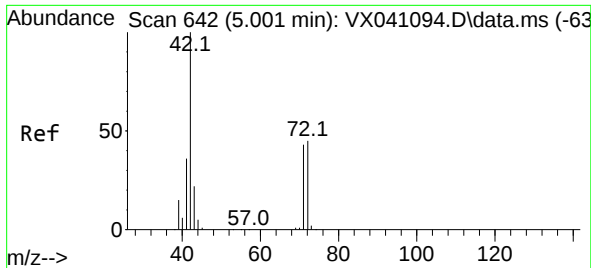
Ion Ratio Lower Upper

49 100

129 2.4 0.0 3.8

130 97.2 57.5 86.3#





#29

Tetrahydrofuran

Concen: 710.869 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX041096.D

Acq: 16 Apr 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 42 Resp: 72777

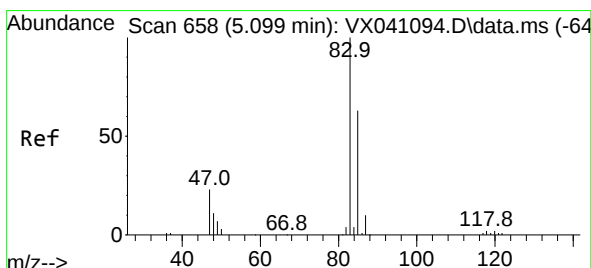
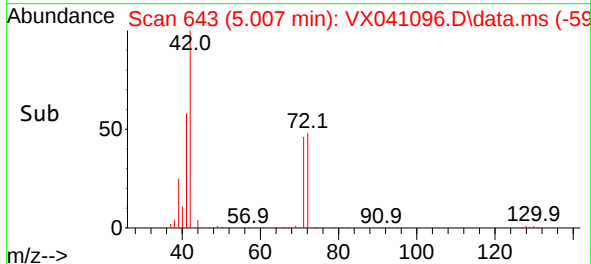
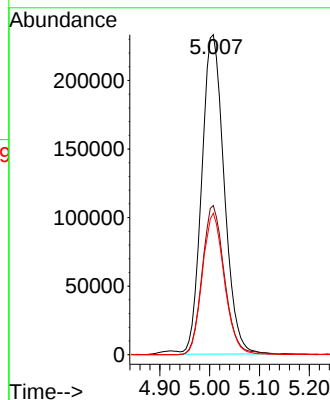
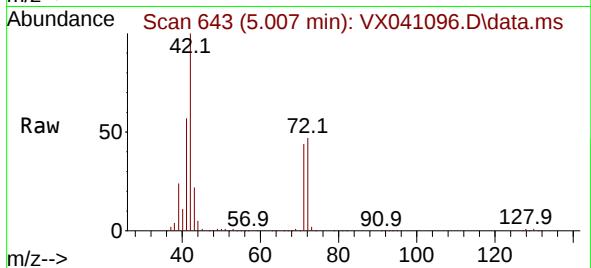
Ion	Ratio	Lower	Upper
42	100		
72	46.8	34.2	51.4
71	43.7	32.2	48.2

Manual Integrations

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Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#30

Chloroform

Concen: 138.546 ug/l

RT: 5.099 min Scan# 658

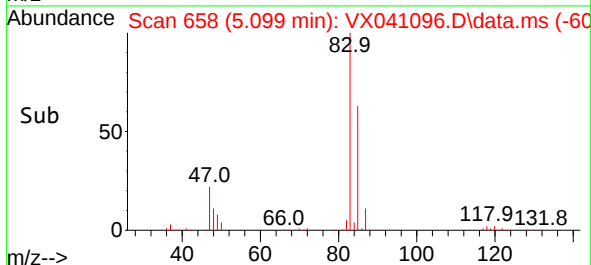
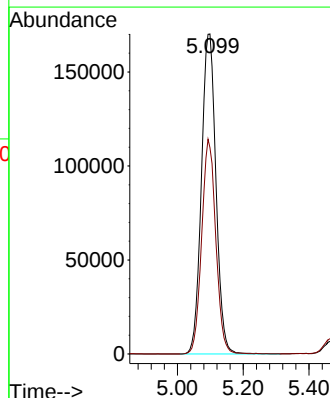
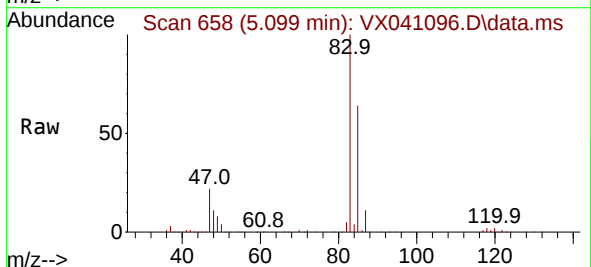
Delta R.T. 0.000 min

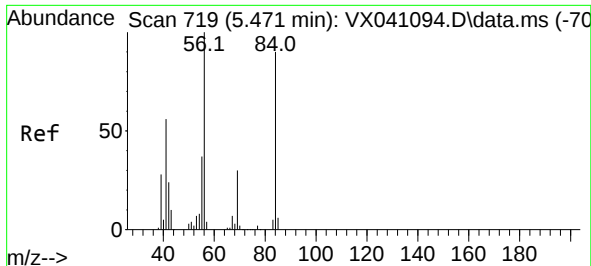
Lab File: VX041096.D

Acq: 16 Apr 2024 11:20

Tgt Ion: 83 Resp: 522607

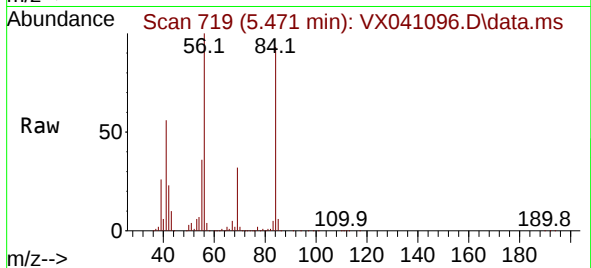
Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.3	75.5





#31
Cyclohexane
Concen: 140.161 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

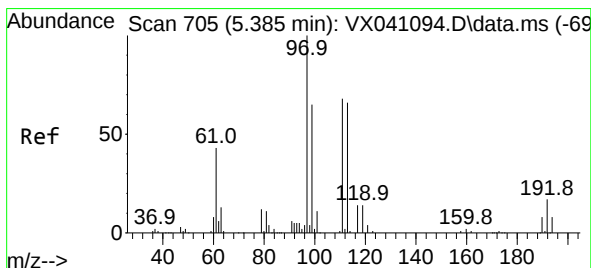
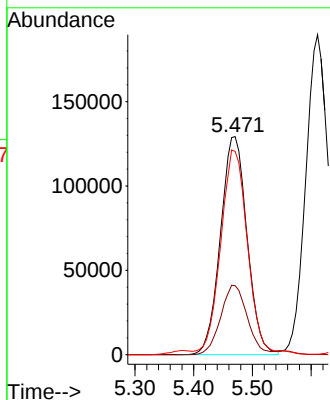
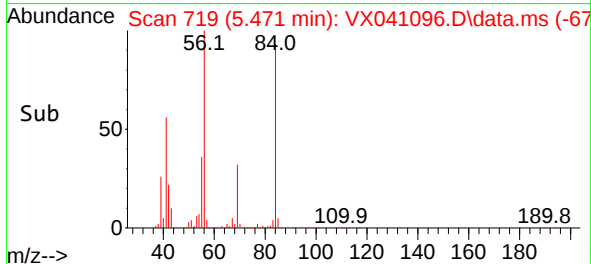
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 40657
Ion Ratio Lower Upper
56 100
69 31.6 23.4 35.2
84 91.5 65.9 98.9

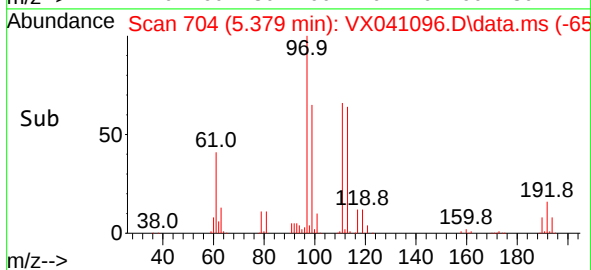
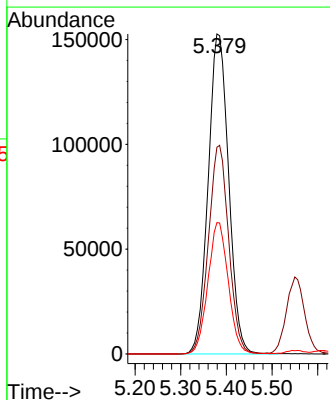
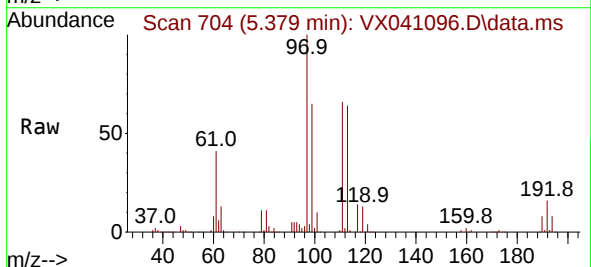
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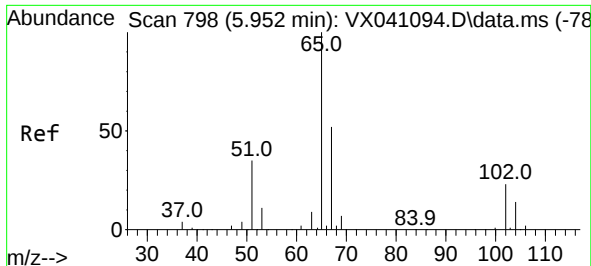
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#32
1,1,1-Trichloroethane
Concen: 143.693 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

Tgt Ion: 97 Resp: 475673
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 41.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 143.747 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041096.D

Acq: 16 Apr 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 65 Resp: 33660

Ion Ratio Lower Upper

65 100

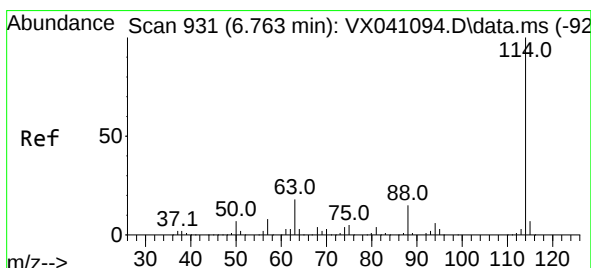
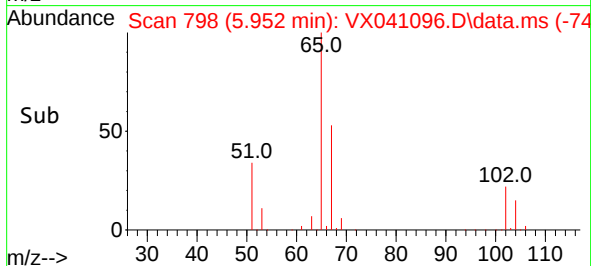
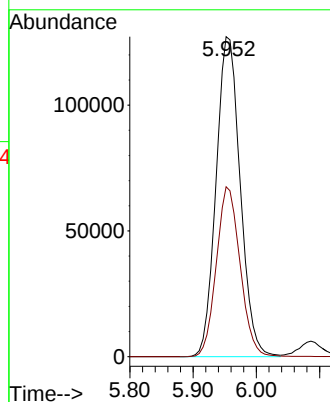
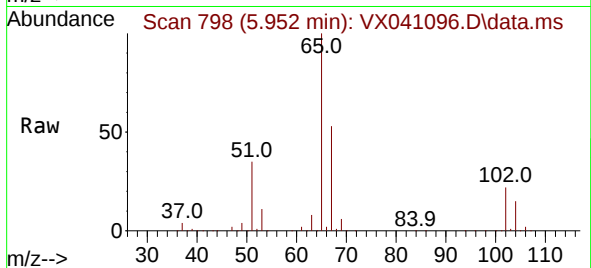
67 52.3 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX041096.D

Acq: 16 Apr 2024 11:20

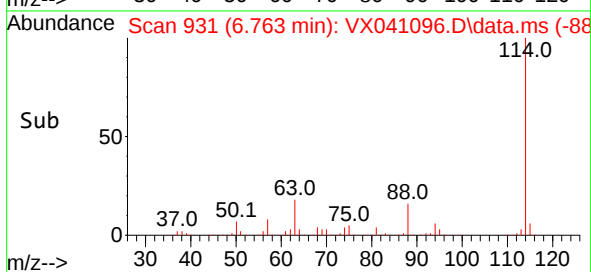
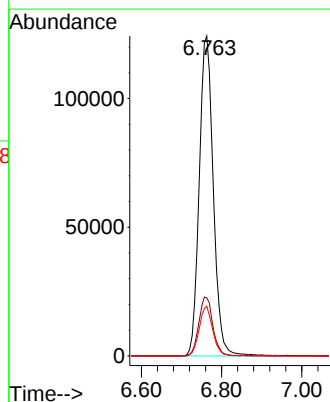
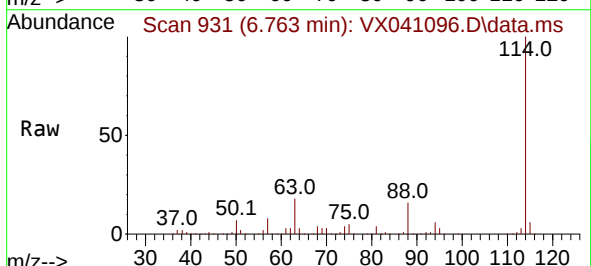
Tgt Ion:114 Resp: 302707

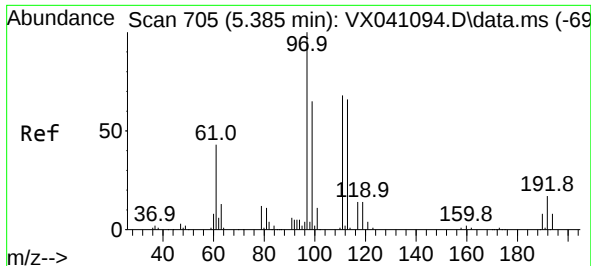
Ion Ratio Lower Upper

114 100

63 18.2 0.0 45.0

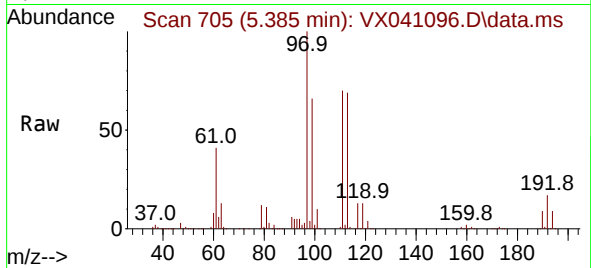
88 15.5 0.0 36.6





#35
Dibromofluoromethane
Concen: 148.435 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

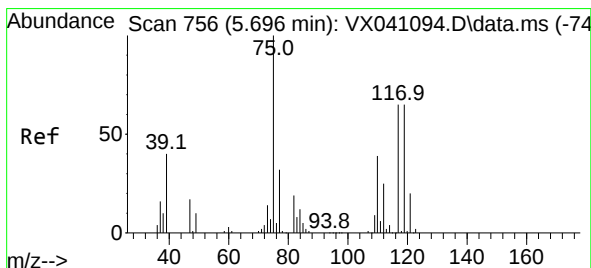
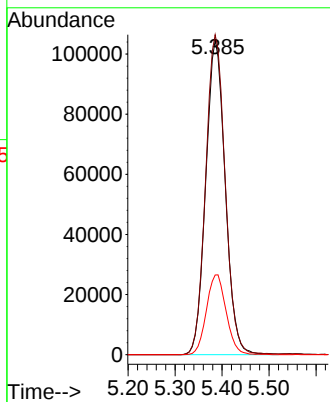
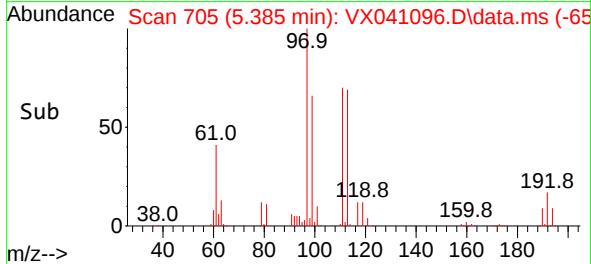
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



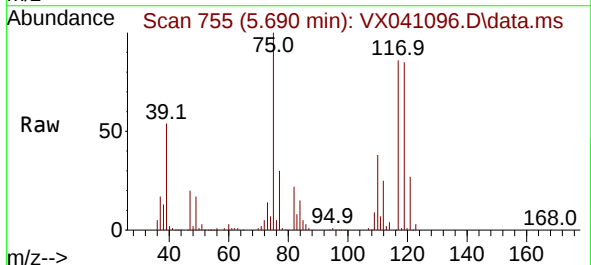
Tgt Ion: 113 Resp: 300150
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 25.8 13.3 19.9

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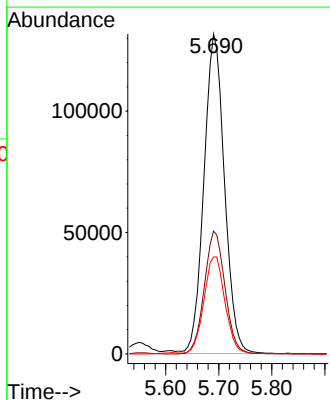
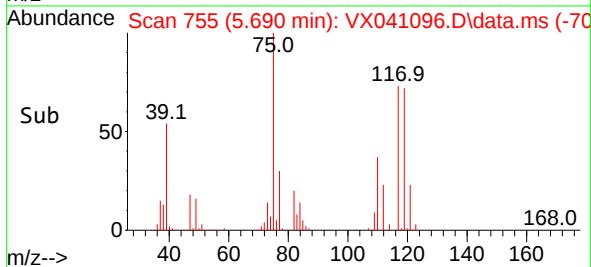
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

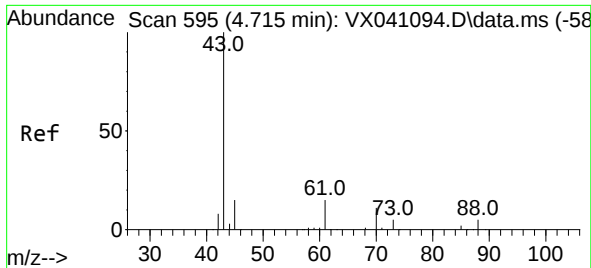


#36
1,1-Dichloropropene
Concen: 138.171 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20



Tgt Ion: 75 Resp: 353730
Ion Ratio Lower Upper
75 100
110 38.7 17.0 50.9
77 31.3 24.7 37.1





#37

Ethyl Acetate

Concen: 141.061 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX041096.D

Acq: 16 Apr 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 431268

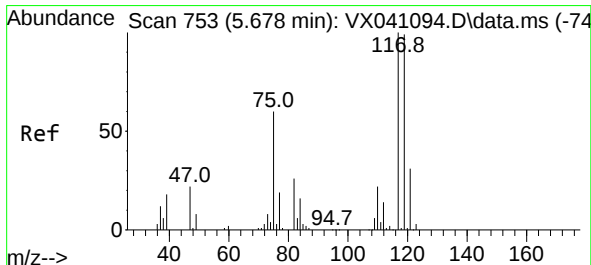
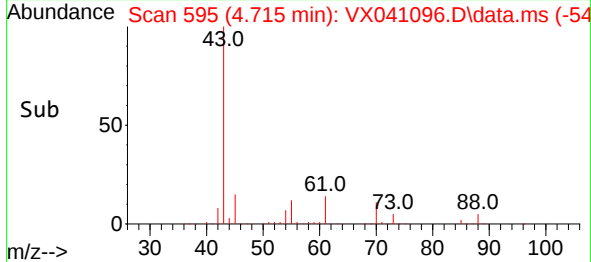
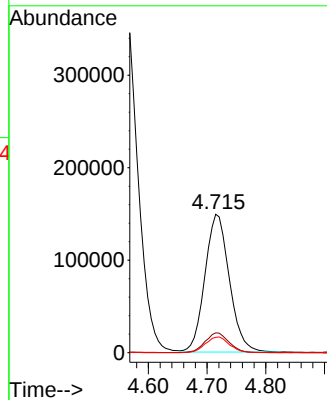
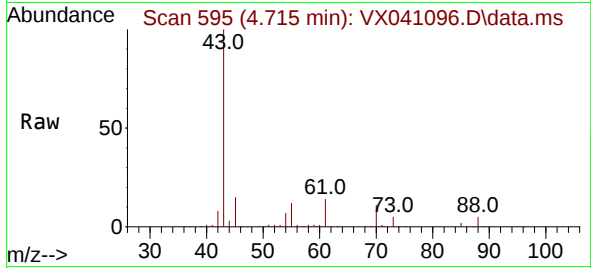
Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.6	16.0
70	11.2	8.3	12.5

Manual Integrations

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Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#38

Carbon Tetrachloride

Concen: 145.437 ug/l

RT: 5.678 min Scan# 753

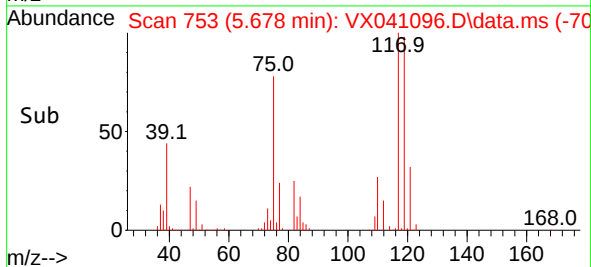
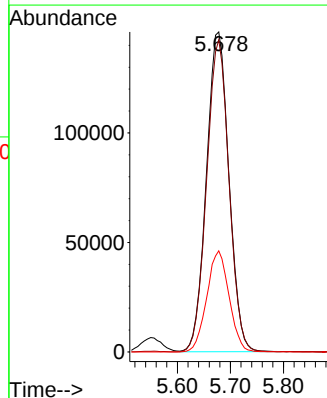
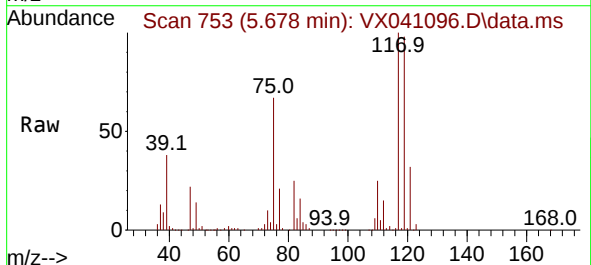
Delta R.T. 0.000 min

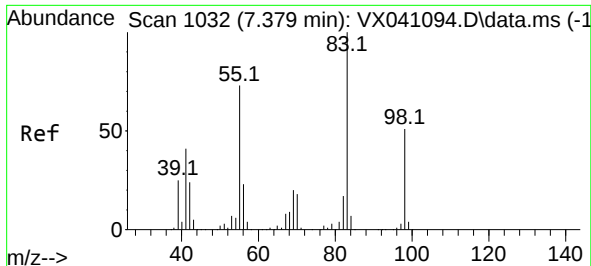
Lab File: VX041096.D

Acq: 16 Apr 2024 11:20

Tgt Ion:117 Resp: 431728

Ion	Ratio	Lower	Upper
117	100		
119	97.5	78.2	117.2
121	31.6	24.4	36.6





#39

Methylcyclohexane

Concen: 146.088 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX041096.D

Acq: 16 Apr 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 46928

Ion Ratio Lower Upper

83 100

55 71.8 64.6 97.0

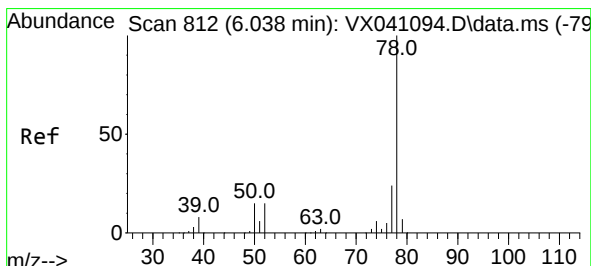
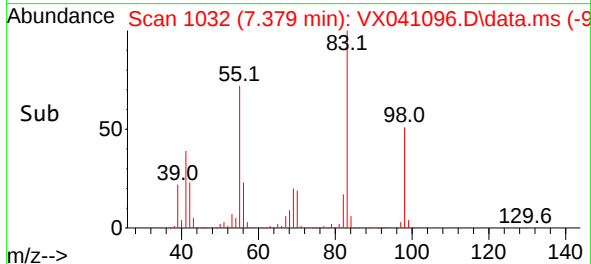
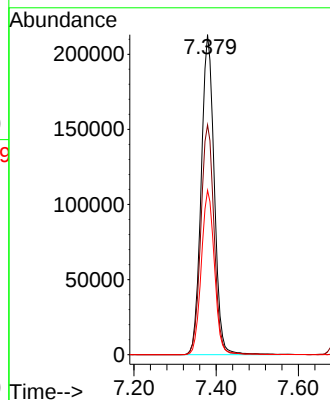
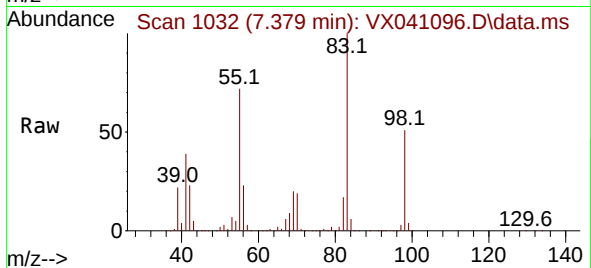
98 51.4 36.7 55.1

Manual Integrations

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Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#40

Benzene

Concen: 139.238 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX041096.D

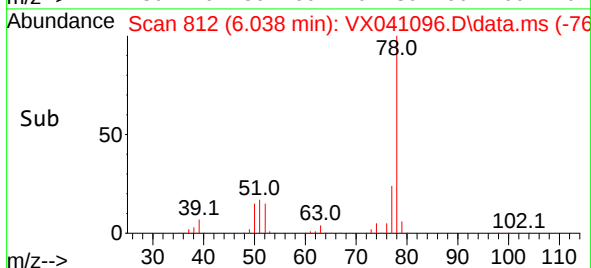
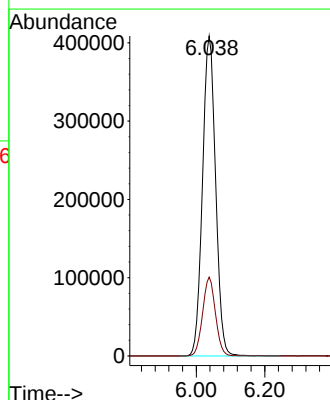
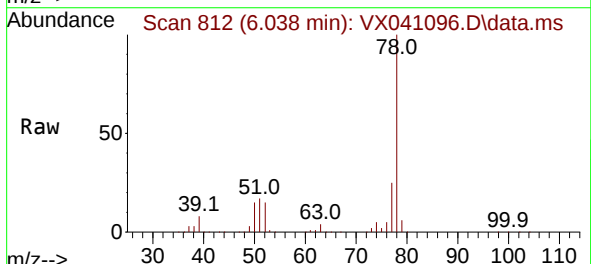
Acq: 16 Apr 2024 11:20

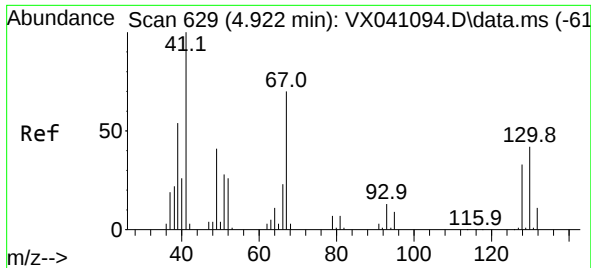
Tgt Ion: 78 Resp: 1088125

Ion Ratio Lower Upper

78 100

77 24.6 19.3 28.9





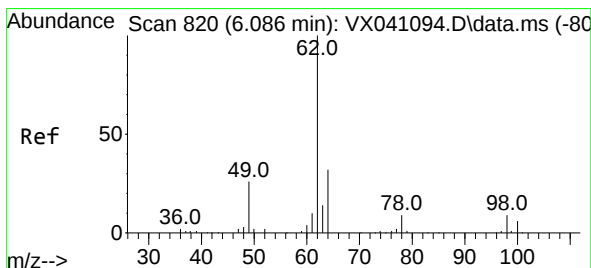
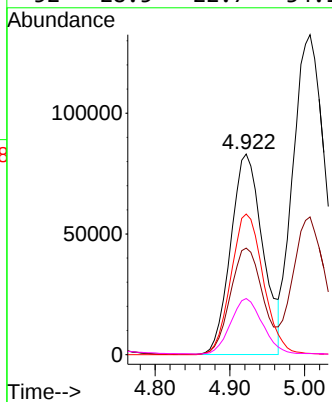
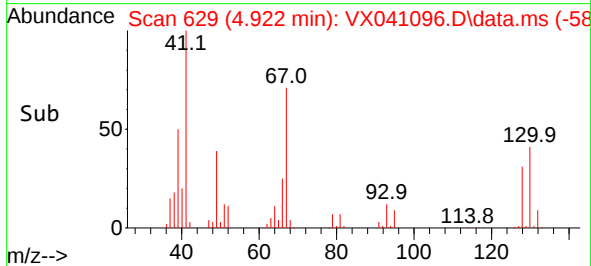
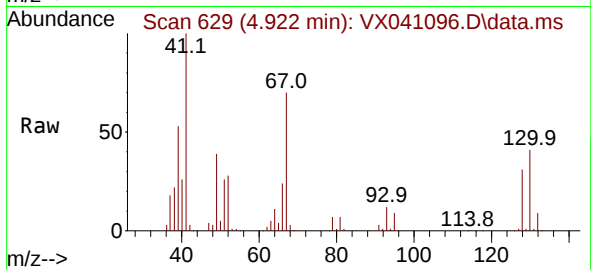
#41
Methacrylonitrile
Concen: 154.976 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 248310
Ion Ratio Lower Upper
41 100
39 52.2 45.2 67.8
67 71.1 52.6 78.8
52 28.5 22.7 34.1

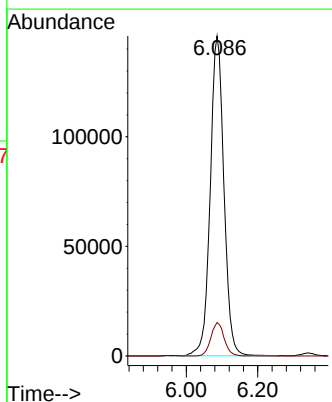
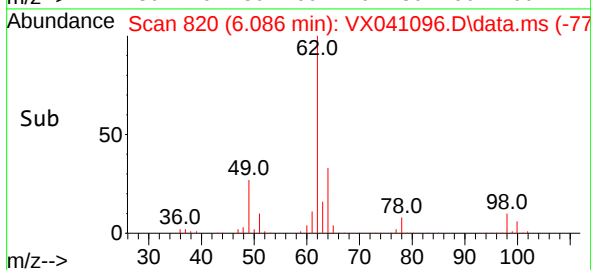
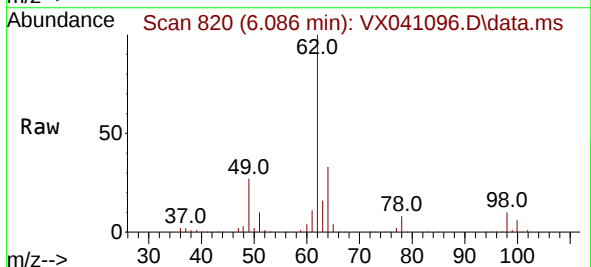
Manual Integrations
APPROVED

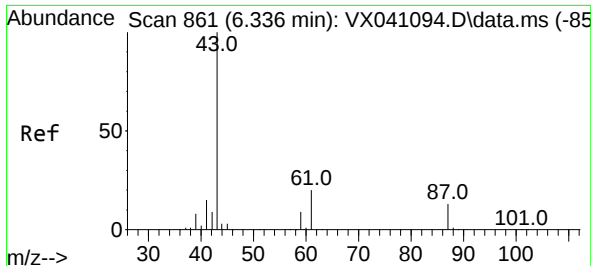
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#42
1,2-Dichloroethane
Concen: 138.515 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

Tgt Ion: 62 Resp: 387884
Ion Ratio Lower Upper
62 100
98 10.1 0.0 16.0





#43

Isopropyl Acetate

Concen: 153.266 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX041096.D

Acq: 16 Apr 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

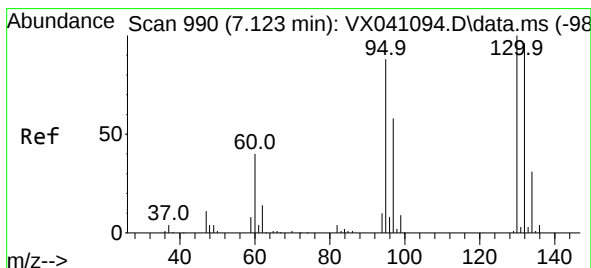
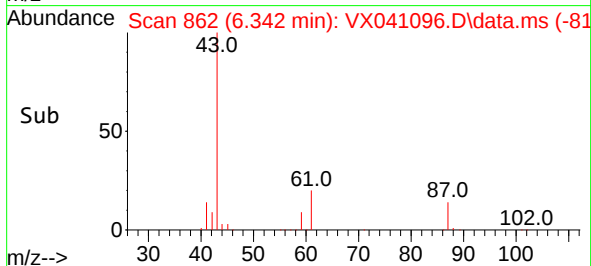
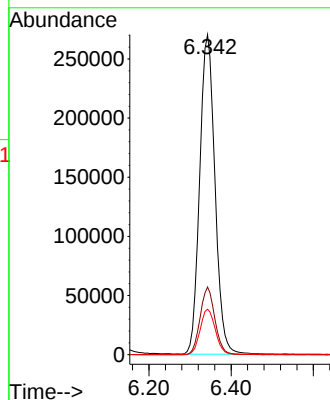
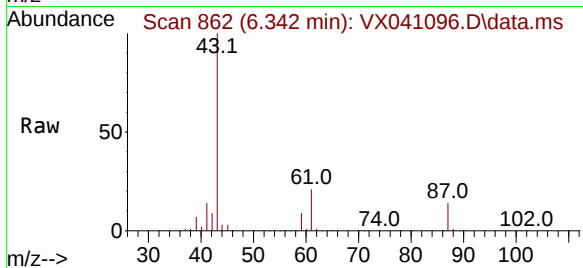
Tgt Ion: 43 Resp: 695824
 Ion Ratio Lower Upper
 43 100
 61 20.5 15.2 22.8
 87 14.2 9.8 14.6

Manual Integrations

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Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#44

Trichloroethene

Concen: 139.616 ug/l

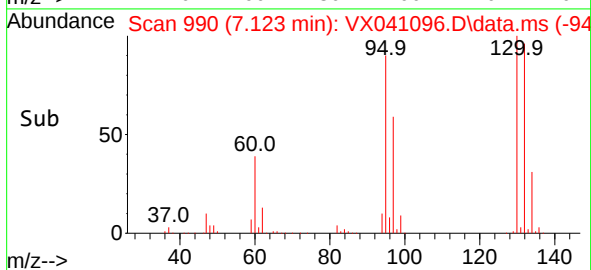
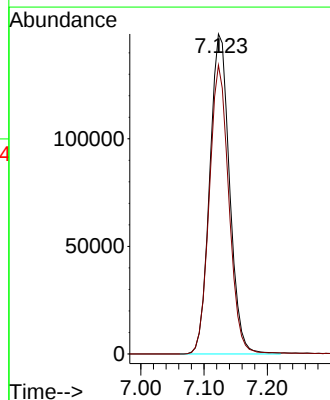
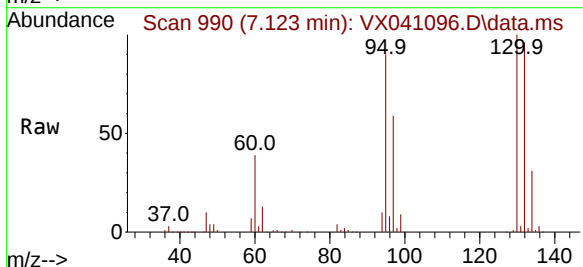
RT: 7.123 min Scan# 990

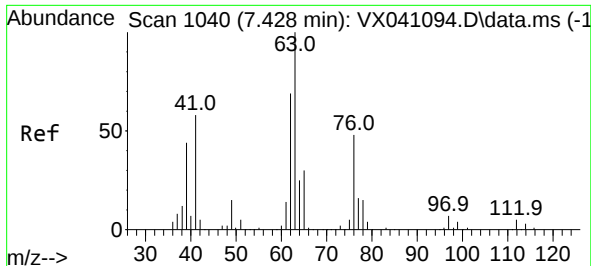
Delta R.T. 0.000 min

Lab File: VX041096.D

Acq: 16 Apr 2024 11:20

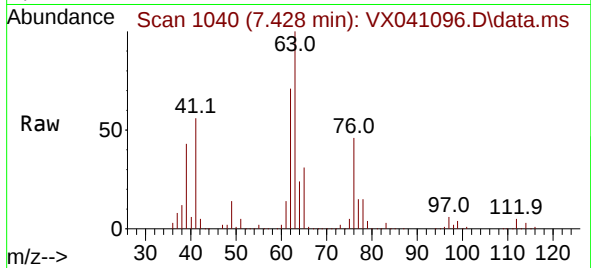
Tgt Ion:130 Resp: 324065
 Ion Ratio Lower Upper
 130 100
 95 90.2 0.0 204.4





#45
1,2-Dichloropropane
Concen: 146.349 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

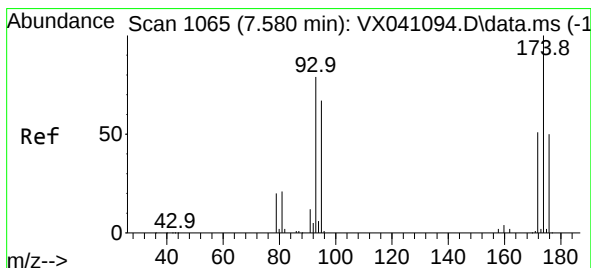
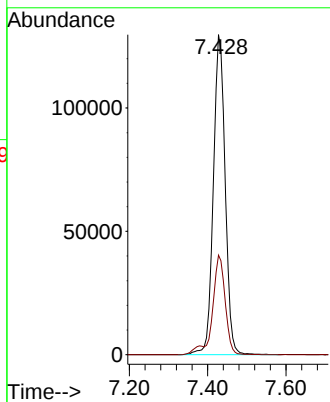
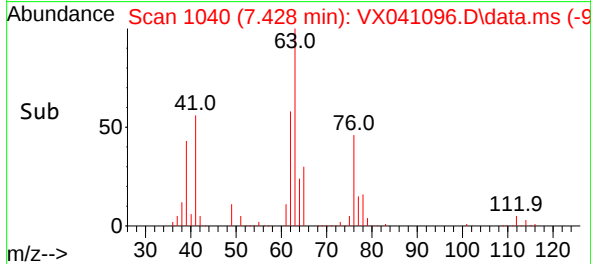
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 63 Resp: 271572
Ion Ratio Lower Upper
63 100
65 31.1 24.3 36.5

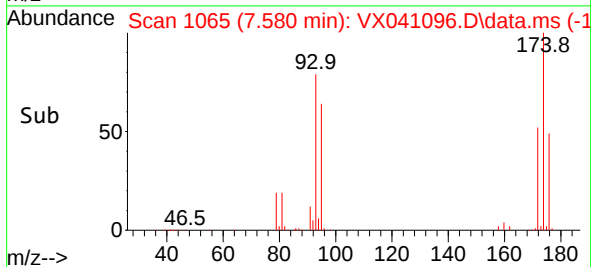
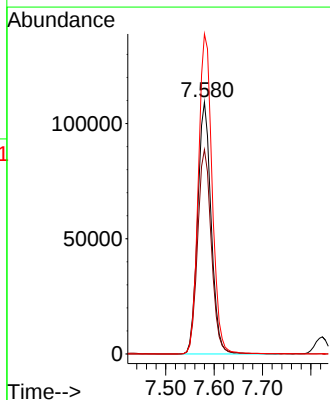
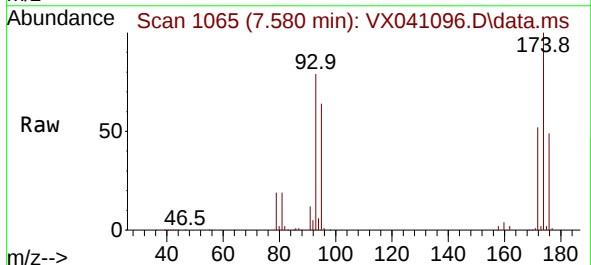
Manual Integrations
APPROVED

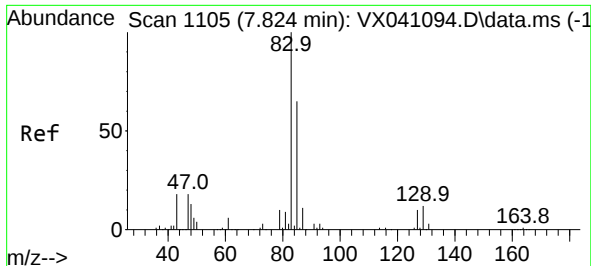
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#46
Dibromomethane
Concen: 144.935 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

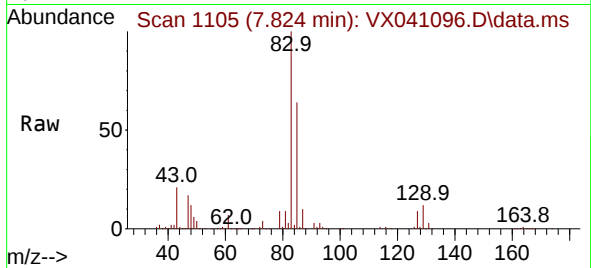
Tgt Ion: 93 Resp: 211463
Ion Ratio Lower Upper
93 100
95 82.9 66.6 100.0
174 129.8 69.4 104.0#





#47
Bromodichloromethane
Concen: 149.945 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

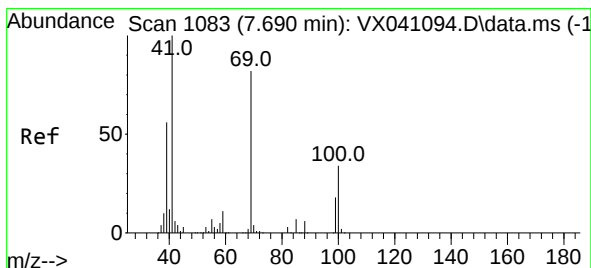
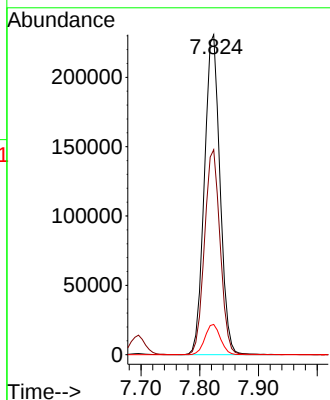
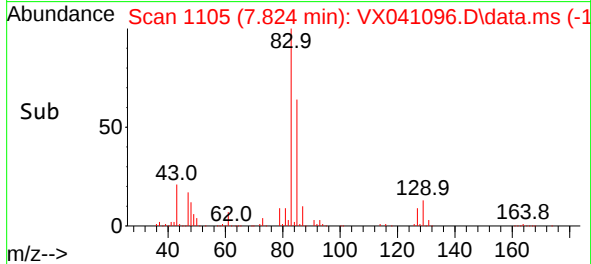
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 425830
Ion Ratio Lower Upper
83 100
85 64.0 49.8 74.6
127 9.5 7.1 10.7

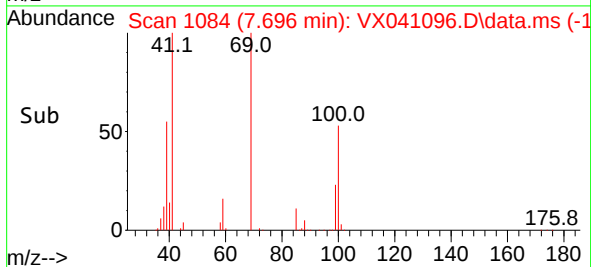
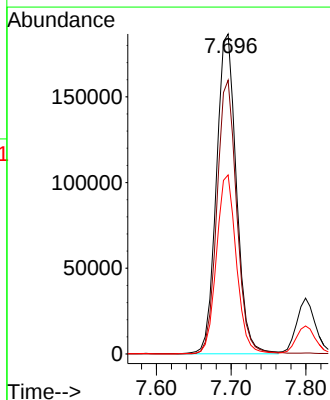
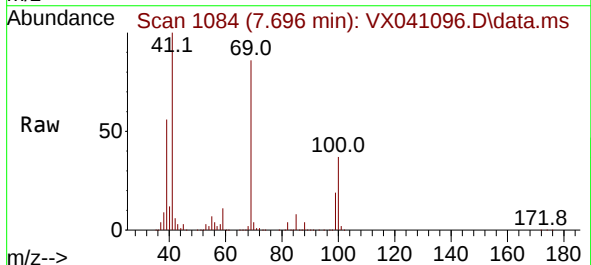
Manual Integrations
APPROVED

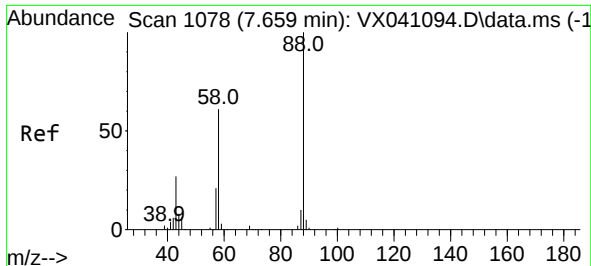
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#48
Methyl methacrylate
Concen: 157.039 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

Tgt Ion: 41 Resp: 348002
Ion Ratio Lower Upper
41 100
69 84.3 59.2 88.8
39 55.7 47.7 71.5





#49

1,4-Dioxane

Concen: 2901.903 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX041096.D

Acq: 16 Apr 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 88 Resp: 150269

Ion Ratio Lower Upper

88 100

43 30.6 0.0 0.0

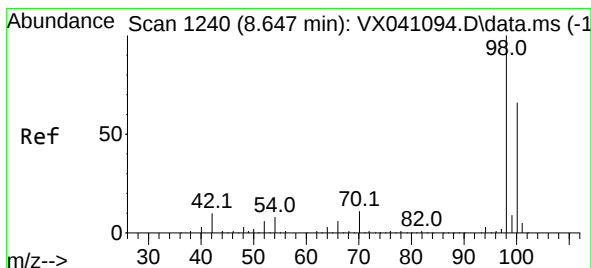
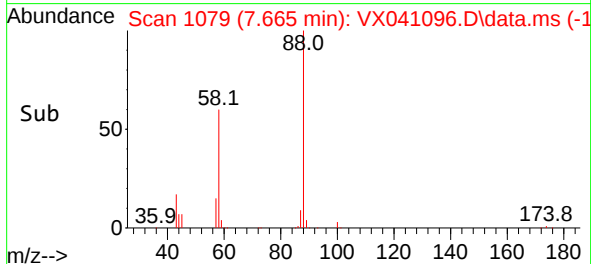
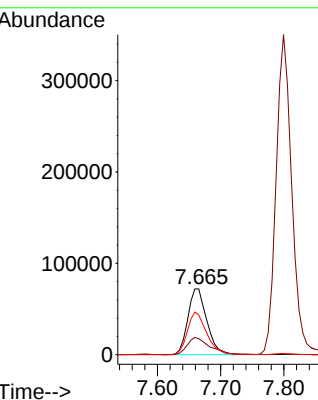
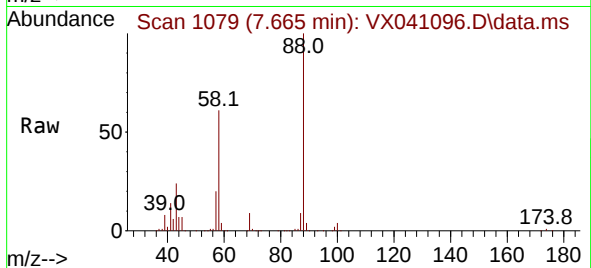
58 65.8 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#50

Toluene-d8

Concen: 147.332 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041096.D

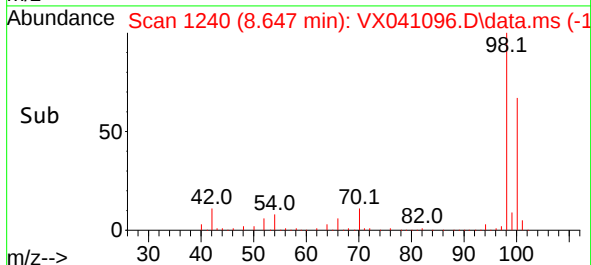
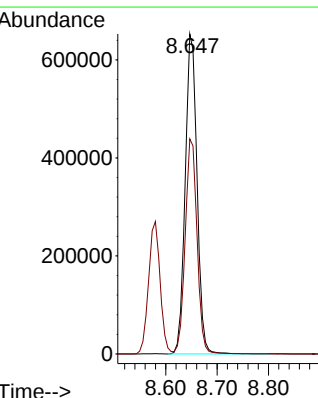
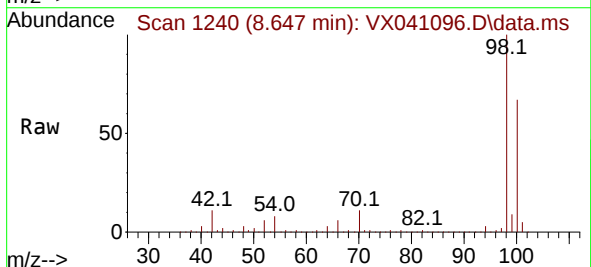
Acq: 16 Apr 2024 11:20

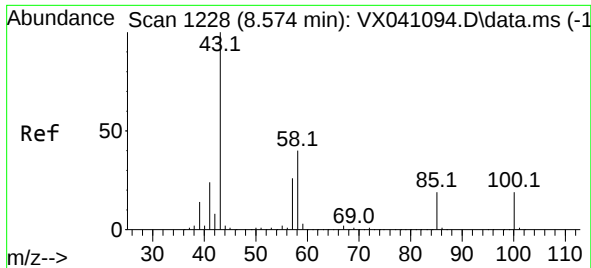
Tgt Ion: 98 Resp: 1043550

Ion Ratio Lower Upper

98 100

100 67.6 53.1 79.7





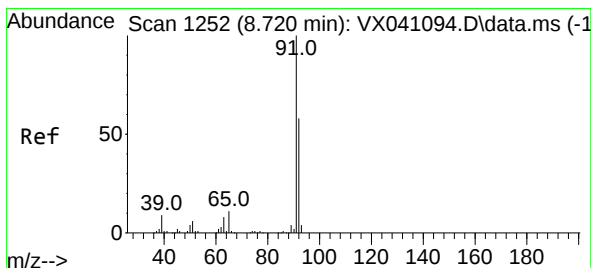
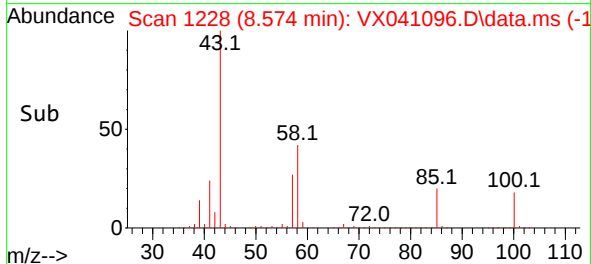
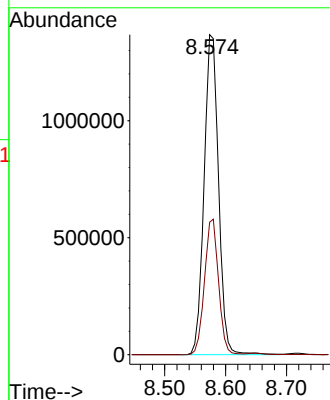
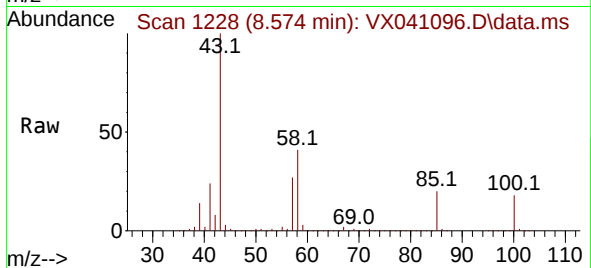
#51
4-Methyl-2-Pentanone
Concen: 731.444 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 2255870
Ion Ratio Lower Upper
43 100
58 41.1 30.4 45.6

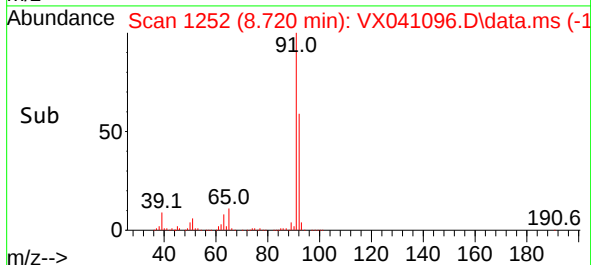
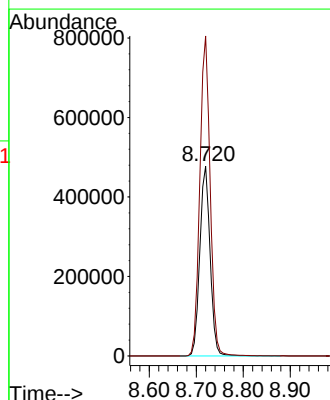
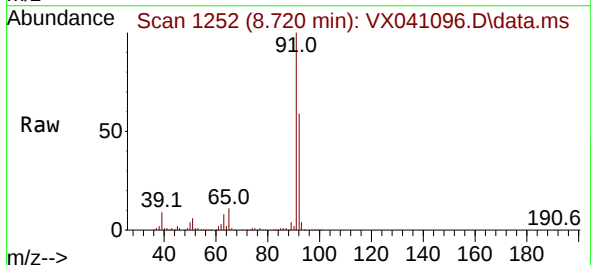
Manual Integrations
APPROVED

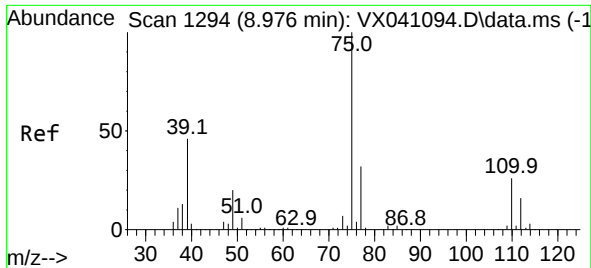
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#52
Toluene
Concen: 142.805 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

Tgt Ion: 92 Resp: 728509
Ion Ratio Lower Upper
92 100
91 168.8 134.2 201.2





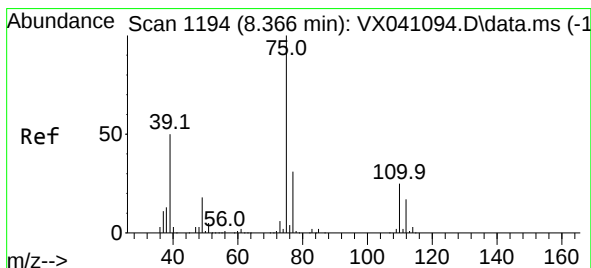
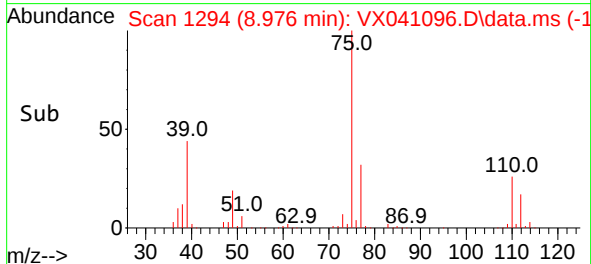
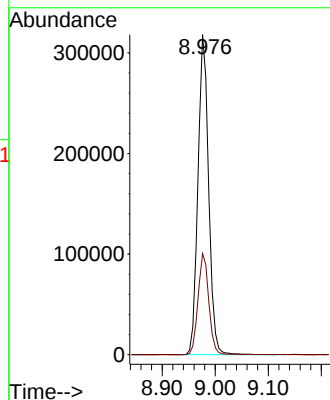
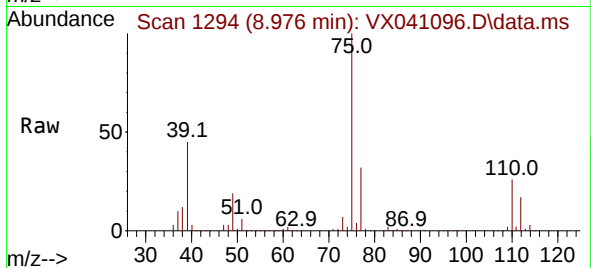
#53
t-1,3-Dichloropropene
Concen: 163.264 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 444718
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5

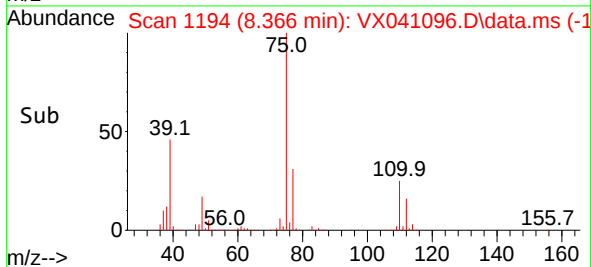
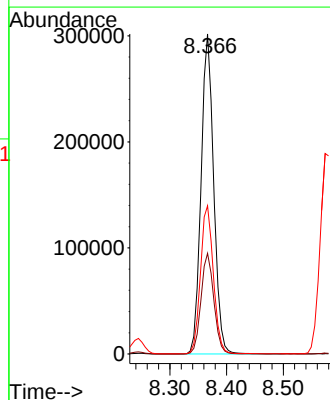
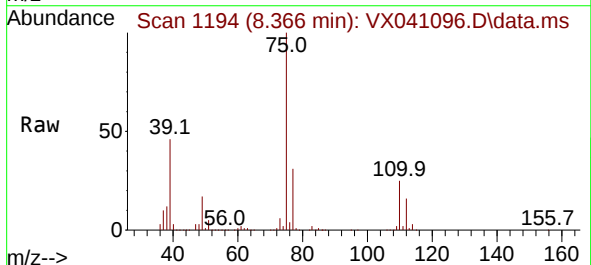
Manual Integrations
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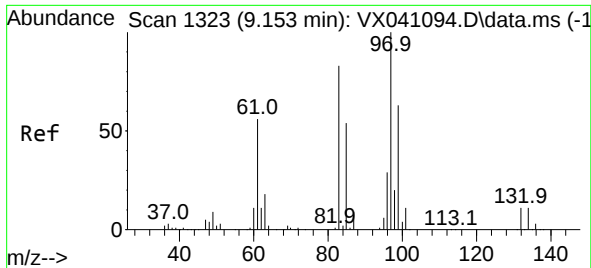
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#54
cis-1,3-Dichloropropene
Concen: 156.048 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

Tgt Ion: 75 Resp: 466982
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9
39 46.3 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 144.512 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

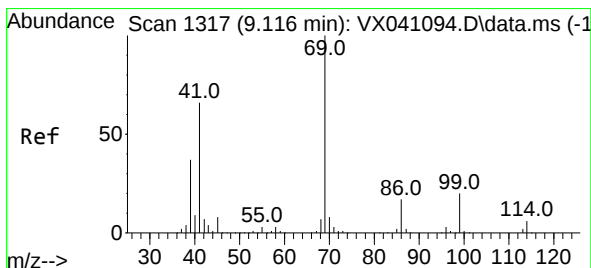
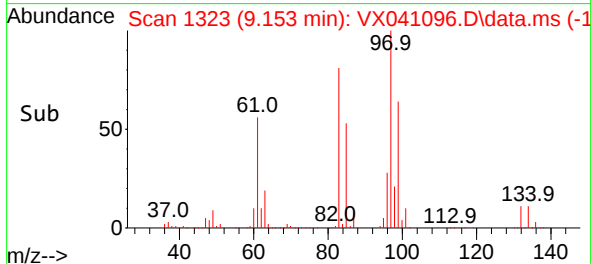
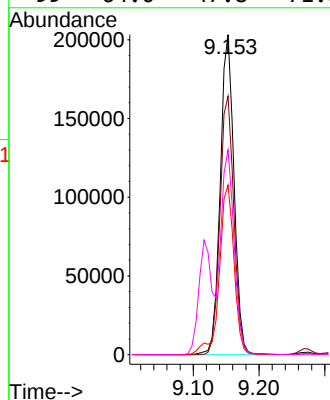
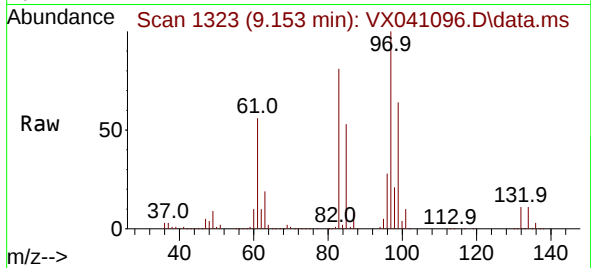
Tgt Ion: 97 Resp: 296000
Ion Ratio Lower Upper
97 100
83 80.8 65.8 98.8
85 53.0 41.6 62.4
99 64.0 47.8 71.8

Manual Integrations

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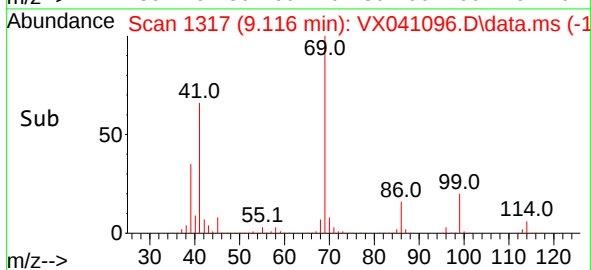
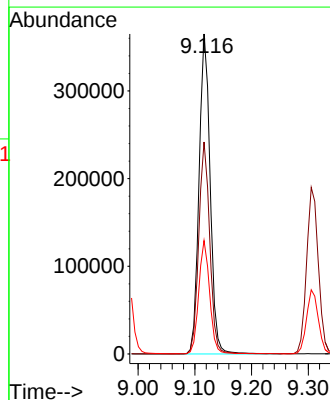
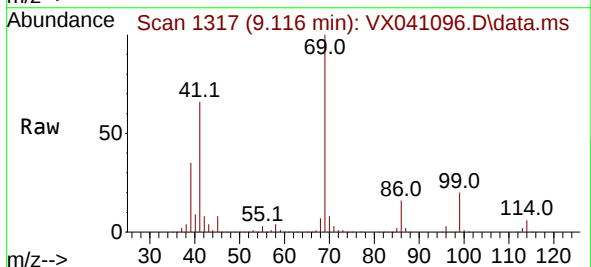
Reviewed By :John Carlone 04/17/2024

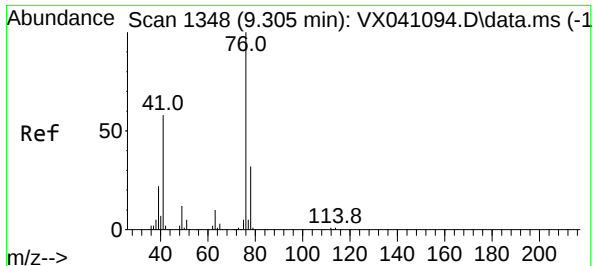
Supervised By :Mahesh Dadoda 04/17/2024



#56
Ethyl methacrylate
Concen: 149.767 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

Tgt Ion: 69 Resp: 496278
Ion Ratio Lower Upper
69 100
41 65.7 56.8 85.2
39 34.7 32.0 48.0





#57

1,3-Dichloropropane

Concen: 143.394 ug/l

RT: 9.305 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VX041096.D

Acq: 16 Apr 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 76 Resp: 478594

Ion Ratio Lower Upper

76 100

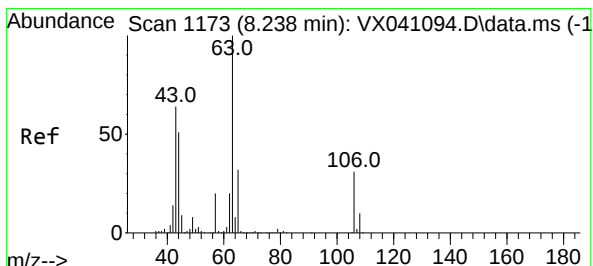
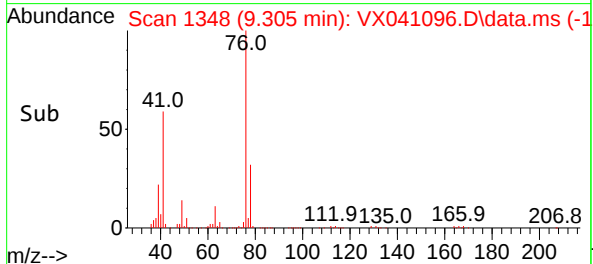
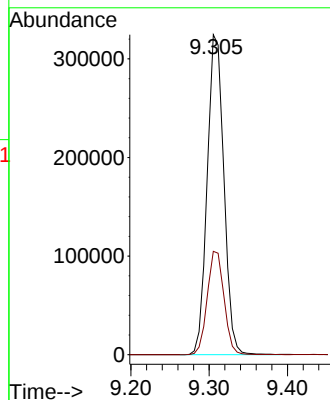
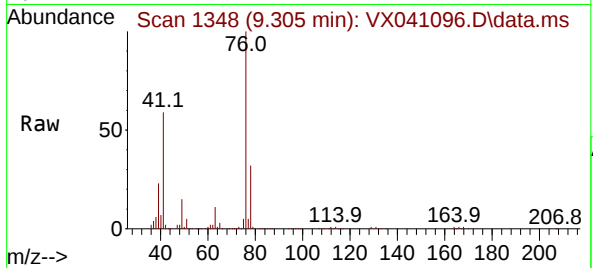
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#58

2-Chloroethyl Vinyl ether

Concen: 783.280 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX041096.D

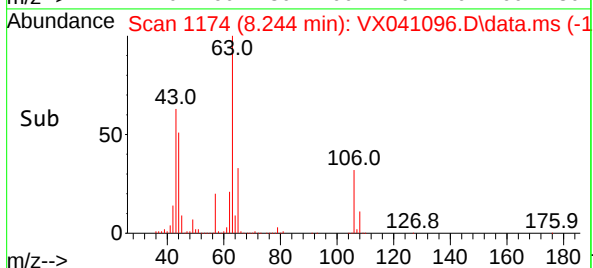
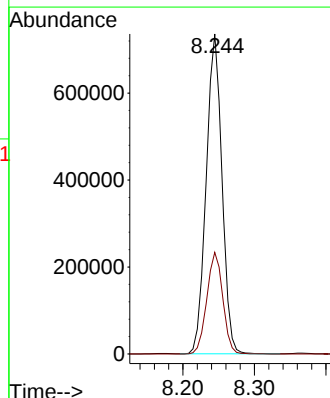
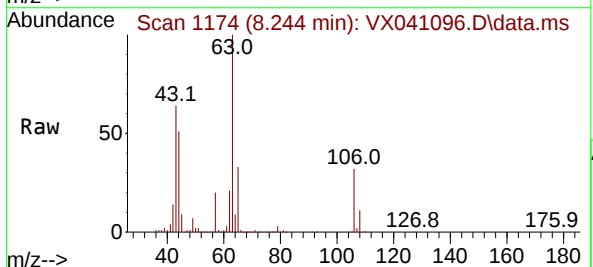
Acq: 16 Apr 2024 11:20

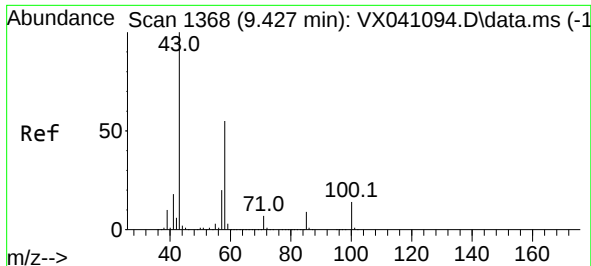
Tgt Ion: 63 Resp: 1128336

Ion Ratio Lower Upper

63 100

106 32.1 22.5 33.7





#59

2-Hexanone

Concen: 742.932 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX041096.D

Acq: 16 Apr 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 177249

Ion Ratio Lower Upper

43 100

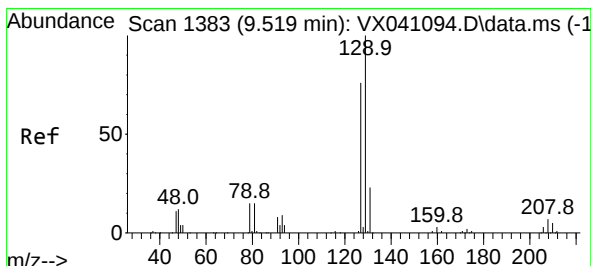
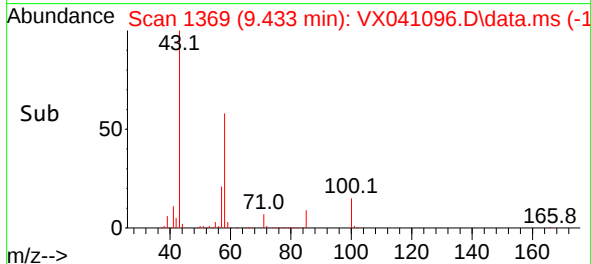
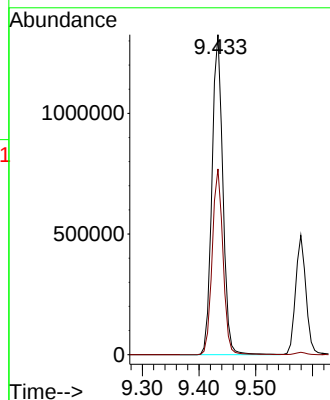
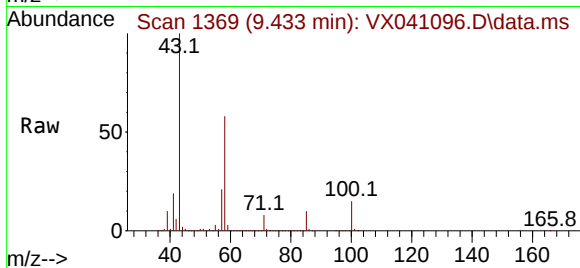
58 57.5 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#60

Dibromochloromethane

Concen: 155.833 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX041096.D

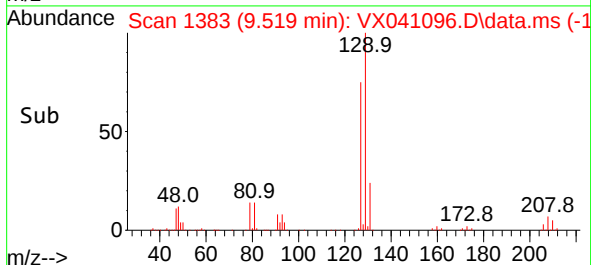
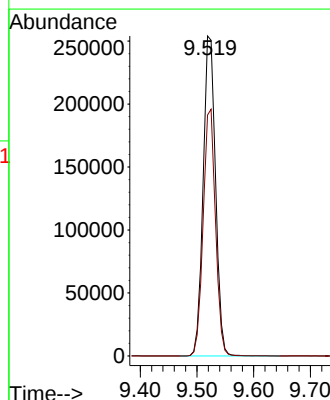
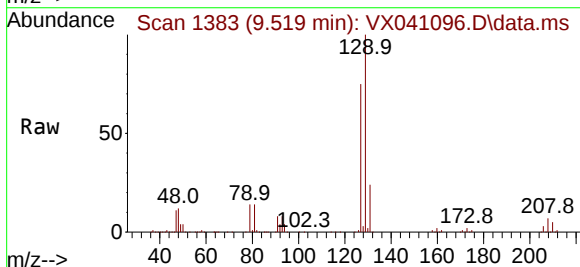
Acq: 16 Apr 2024 11:20

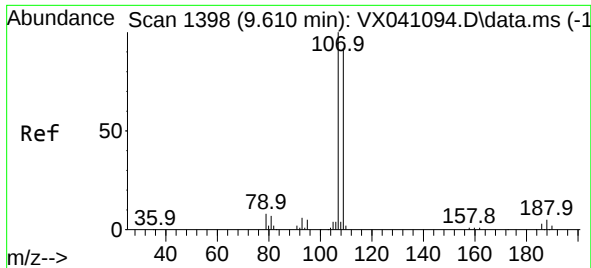
Tgt Ion:129 Resp: 386084

Ion Ratio Lower Upper

129 100

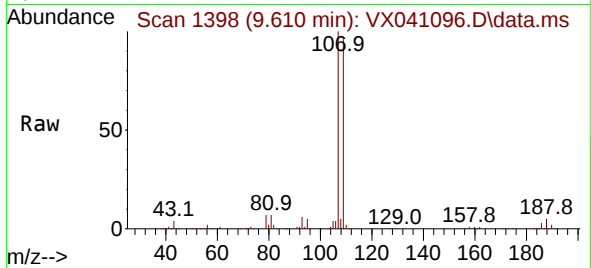
127 76.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 143.808 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

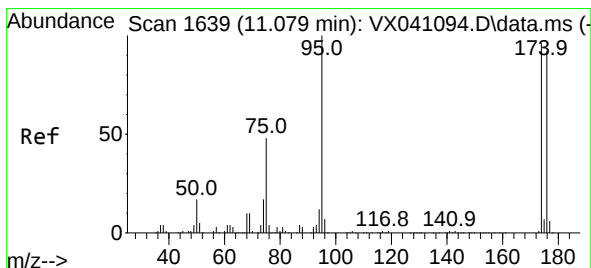
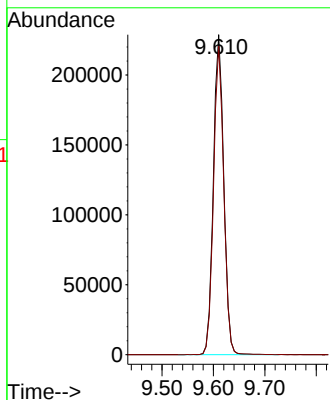
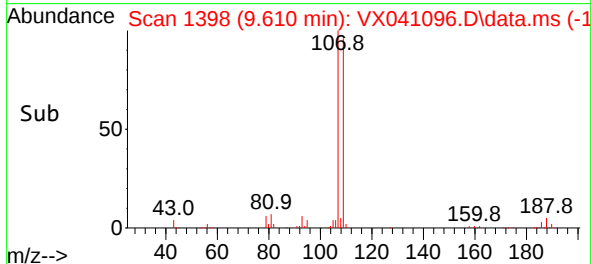
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



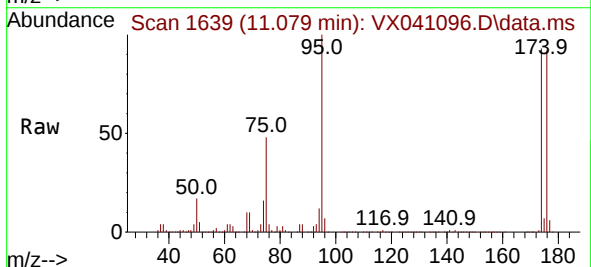
Tgt Ion:107 Resp: 321758
Ion Ratio Lower Upper
107 100
109 94.8 75.2 112.8

Manual Integrations
APPROVED

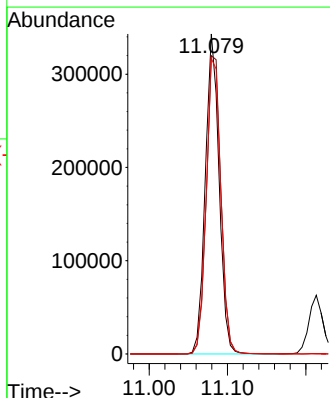
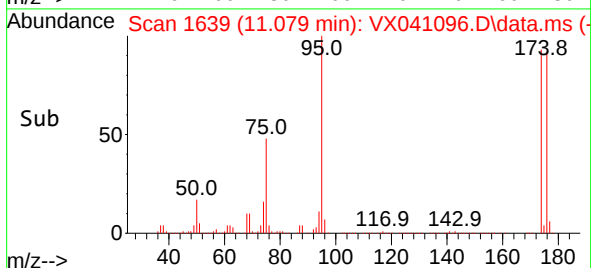
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

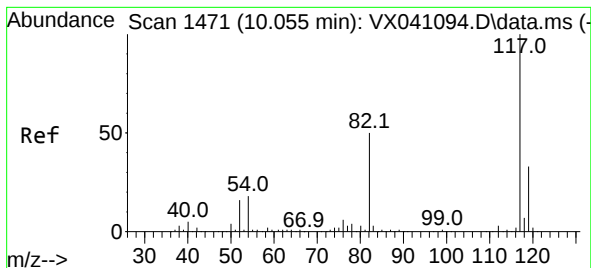


#62
4-Bromofluorobenzene
Concen: 155.280 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20



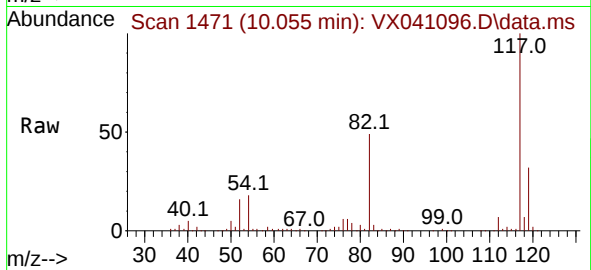
Tgt Ion: 95 Resp: 417512
Ion Ratio Lower Upper
95 100
174 99.2 0.0 135.6
176 97.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

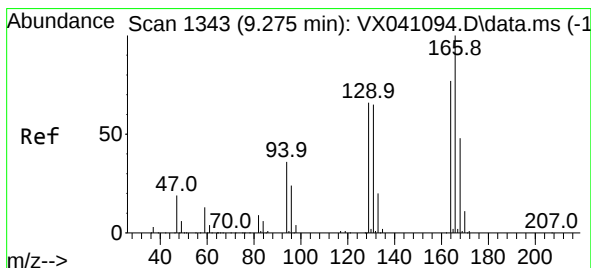
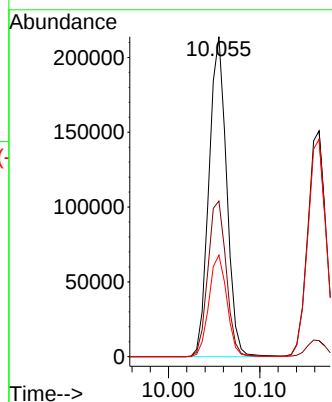
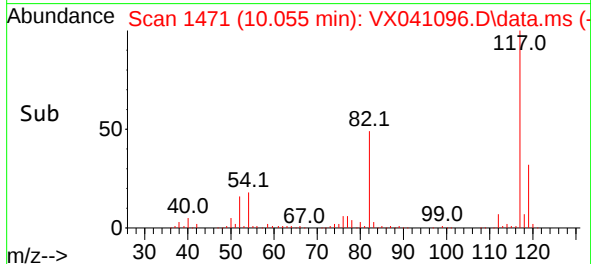
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 286710
Ion Ratio Lower Upper
117 100
82 48.6 46.2 69.4
119 31.8 25.5 38.3

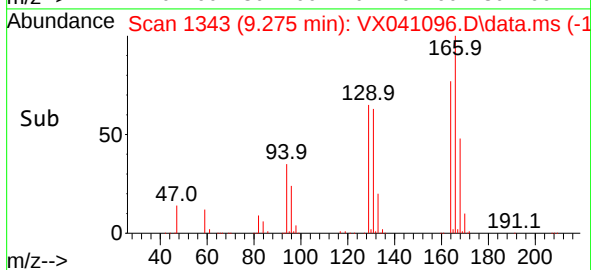
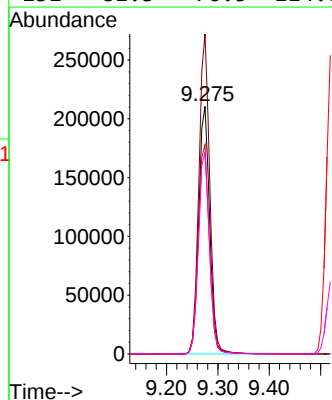
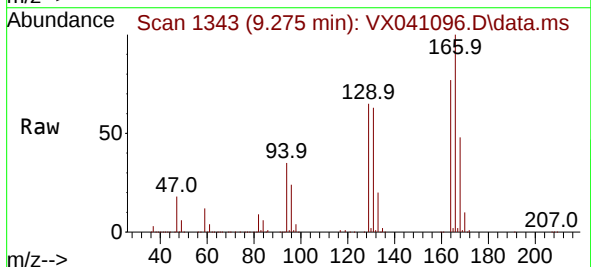
Manual Integrations
APPROVED

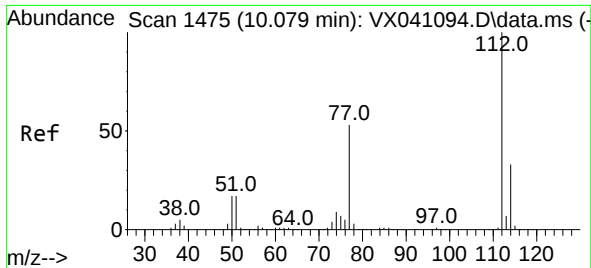
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#64
Tetrachloroethene
Concen: 136.873 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

Tgt Ion:164 Resp: 311868
Ion Ratio Lower Upper
164 100
166 129.2 102.7 154.1
129 84.5 80.4 120.6
131 81.3 76.5 114.7





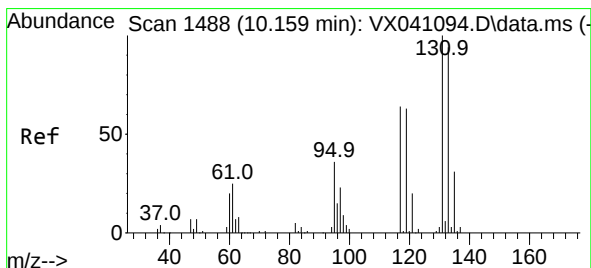
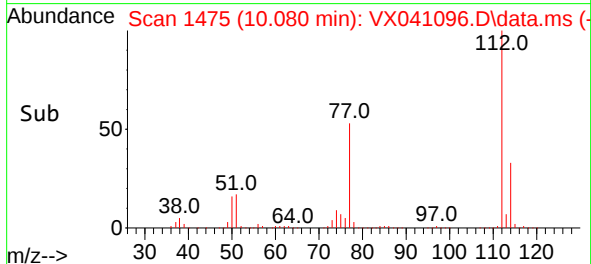
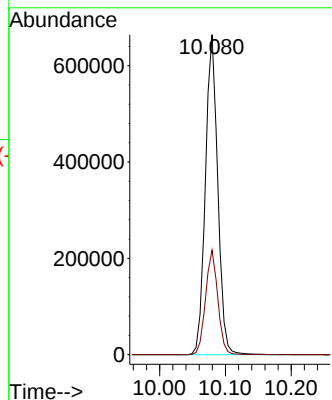
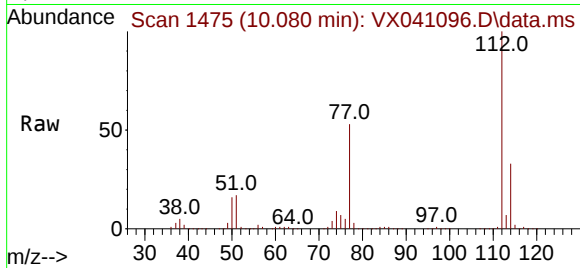
#65
Chlorobenzene
Concen: 137.321 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:112 Resp: 86910
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5

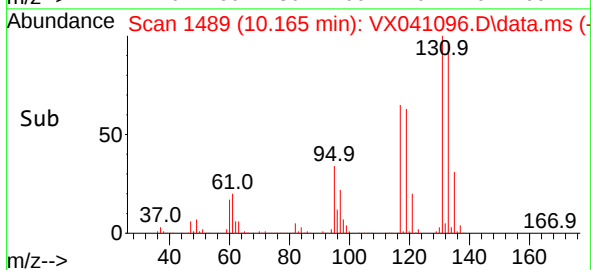
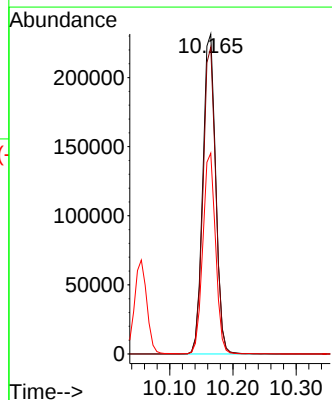
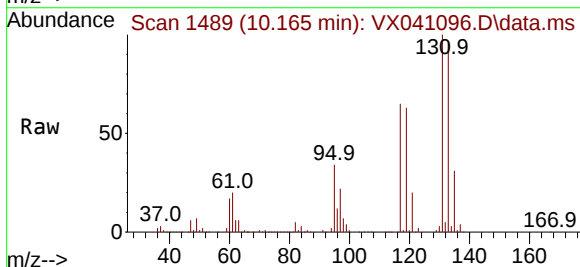
Manual Integrations
APPROVED

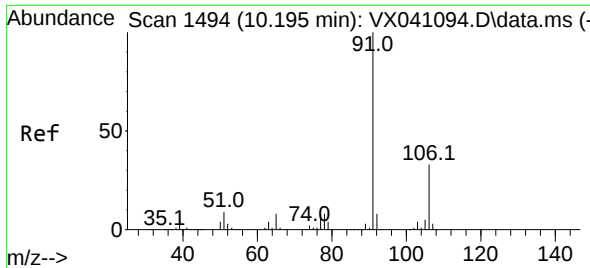
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 151.377 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

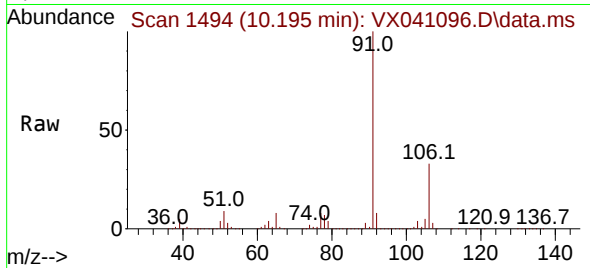
Tgt Ion:131 Resp: 327747
Ion Ratio Lower Upper
131 100
133 95.0 47.1 141.4
119 62.1 32.2 96.6





#67
Ethyl Benzene
Concen: 142.857 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

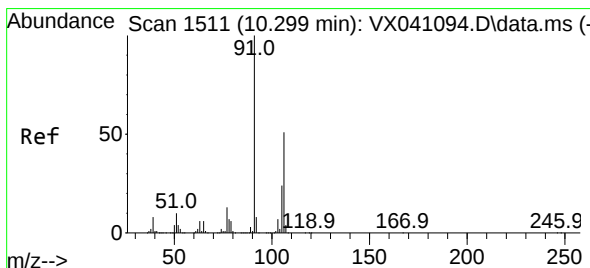
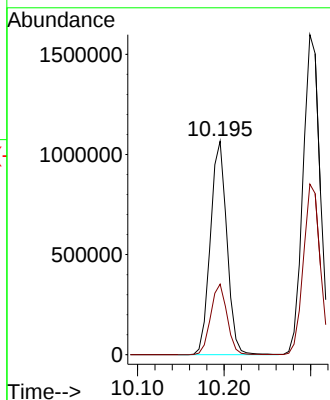
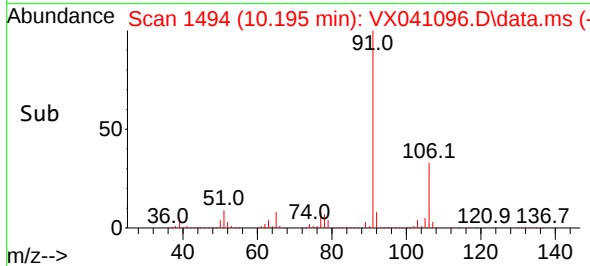
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



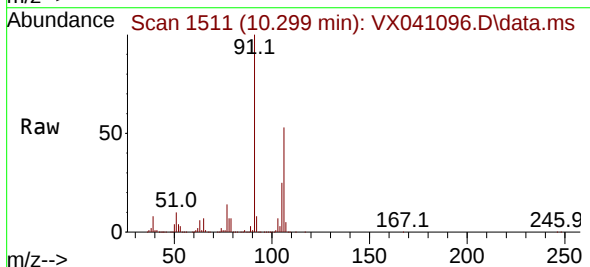
Tgt Ion: 91 Resp: 141086
Ion Ratio Lower Upper
91 100
106 33.1 24.9 37.3

Manual Integrations
APPROVED

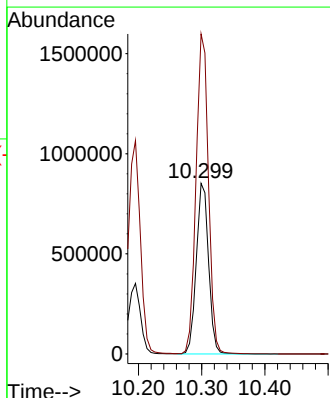
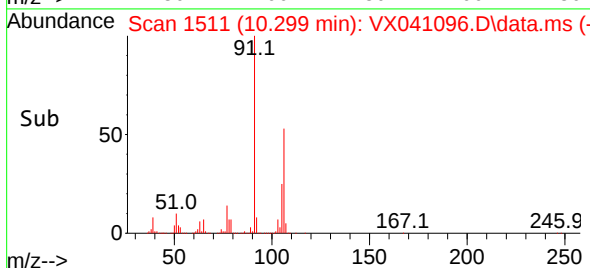
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

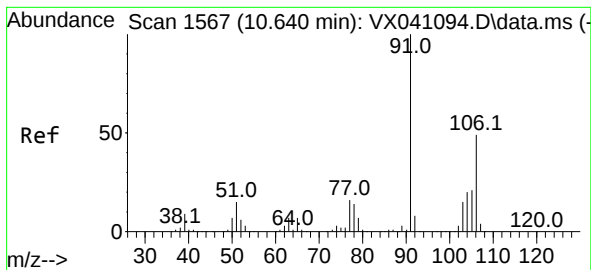


#68
m/p-Xylenes
Concen: 292.525 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20



Tgt Ion:106 Resp: 1149108
Ion Ratio Lower Upper
106 100
91 190.0 165.5 248.3





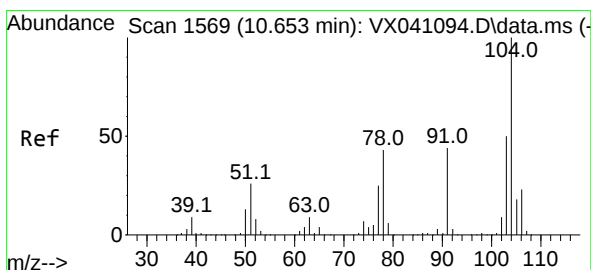
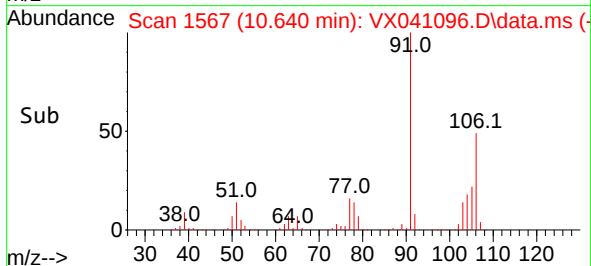
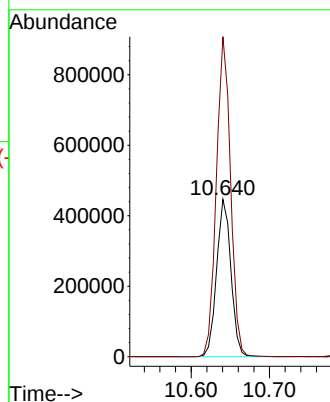
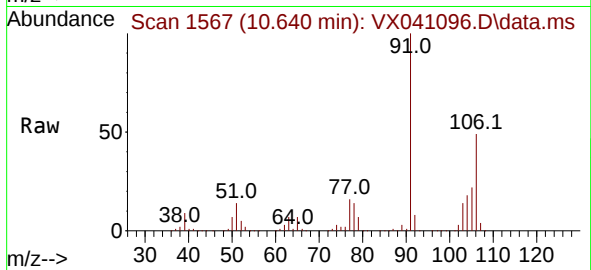
#69
o-Xylene
Concen: 148.280 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 567000
Ion Ratio Lower Upper
106 100
91 202.1 108.9 326.8

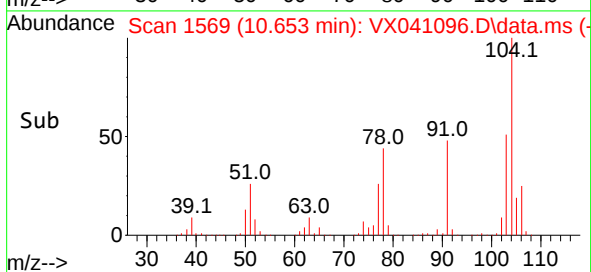
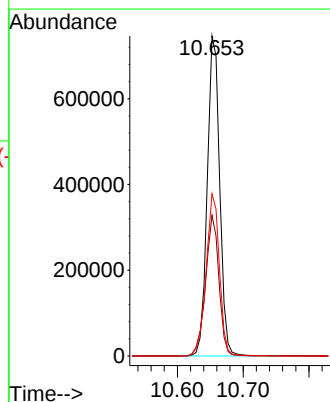
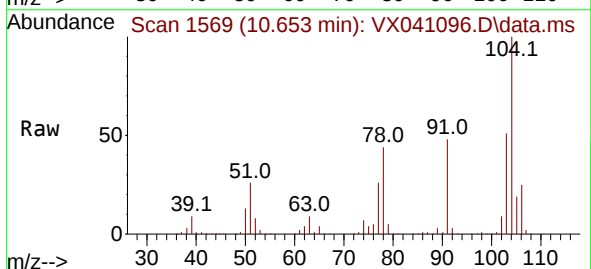
Manual Integrations
APPROVED

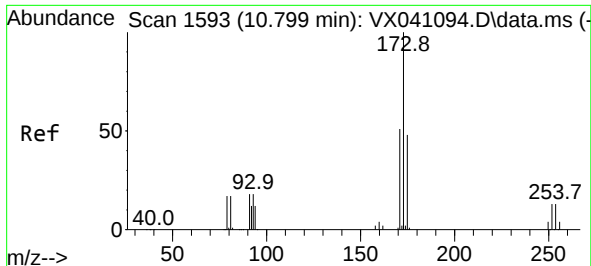
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#70
Styrene
Concen: 151.185 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

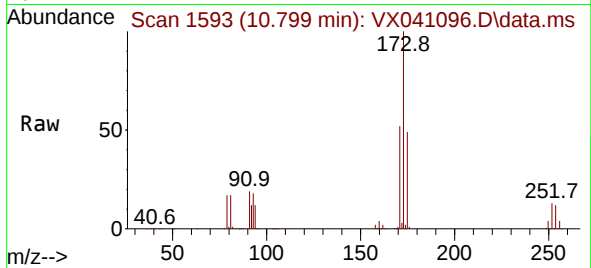
Tgt Ion:104 Resp: 981645
Ion Ratio Lower Upper
104 100
78 47.2 43.6 65.4
103 54.2 43.6 65.4





#71
Bromoform
Concen: 165.856 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

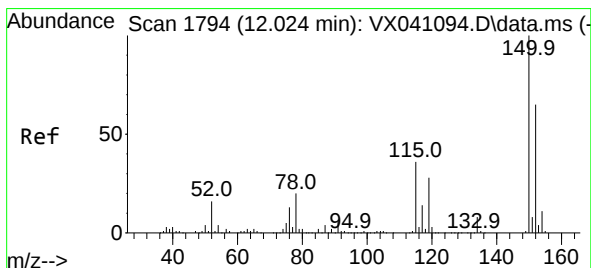
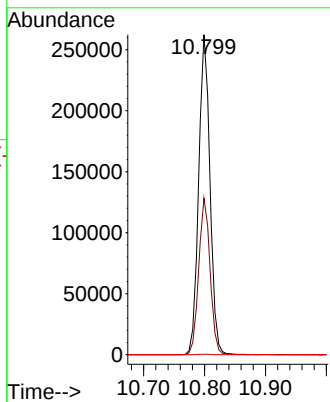
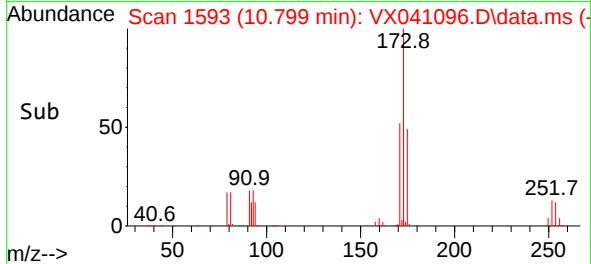
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:173 Resp: 338222
Ion Ratio Lower Upper
173 100
175 49.2 24.1 72.4
254 0.2 0.0 0.0

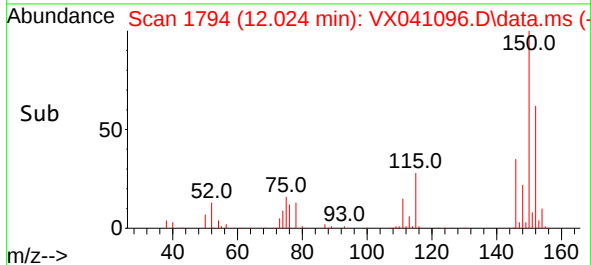
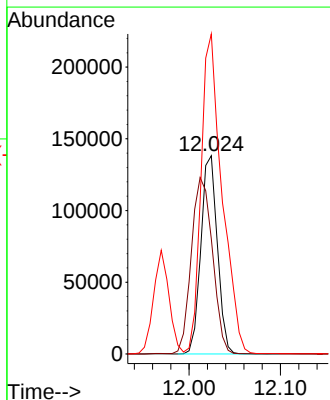
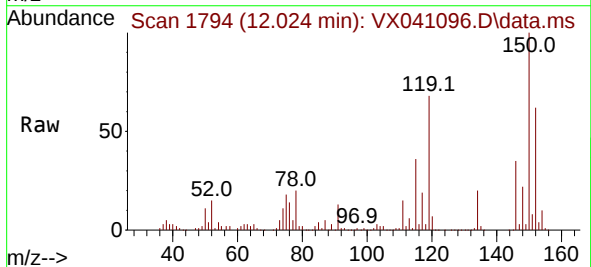
Manual Integrations
APPROVED

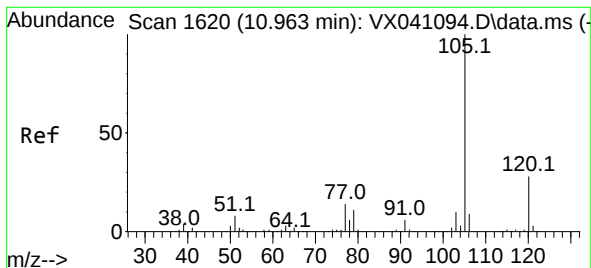
Reviewed By :John Carbone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

Tgt Ion:152 Resp: 172671
Ion Ratio Lower Upper
152 100
115 114.7 43.3 129.9
150 205.7 0.0 345.0





#73

Isopropylbenzene

Concen: 142.546 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041096.D

Acq: 16 Apr 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:105 Resp: 145189

Ion Ratio Lower Upper

105 100

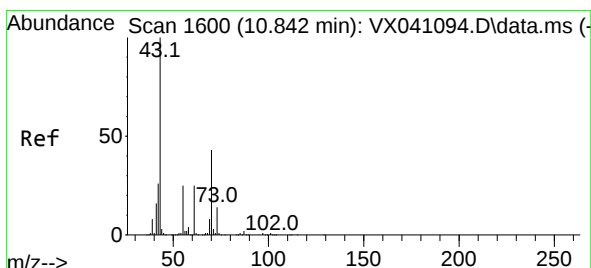
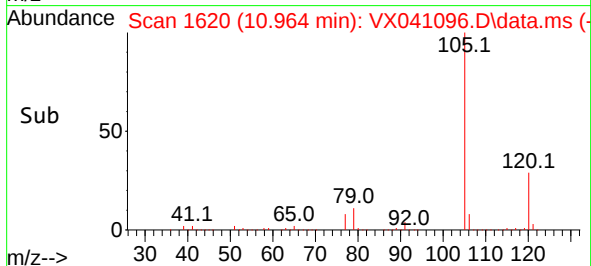
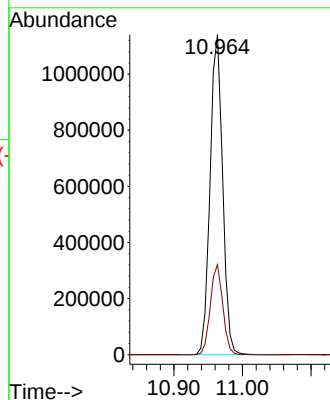
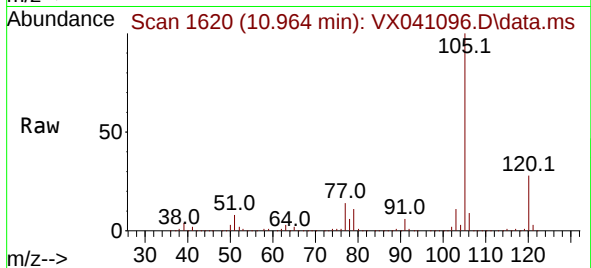
120 27.8 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#74

N-ethyl acetate

Concen: 161.454 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041096.D

Acq: 16 Apr 2024 11:20

Tgt Ion: 43 Resp: 652352

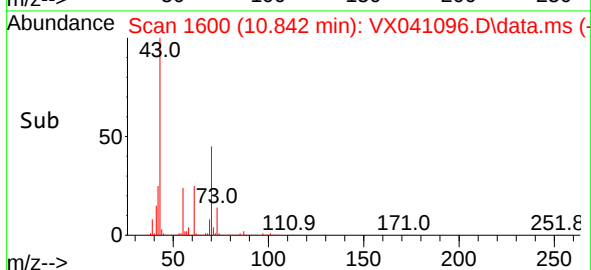
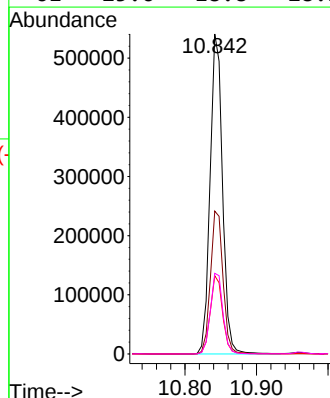
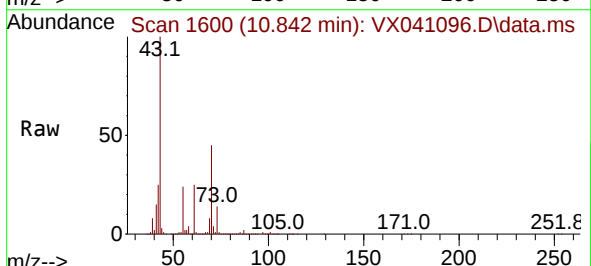
Ion Ratio Lower Upper

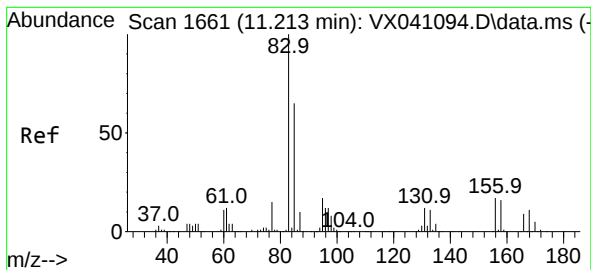
43 100

70 45.3 32.9 49.3

55 24.4 19.3 28.9

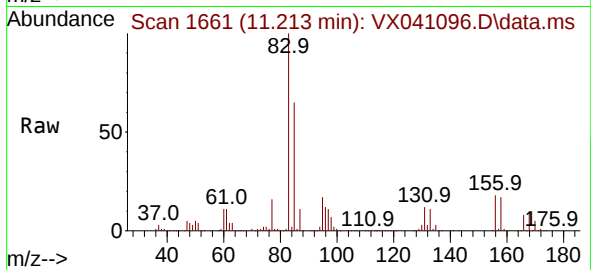
61 25.6 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 143.624 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

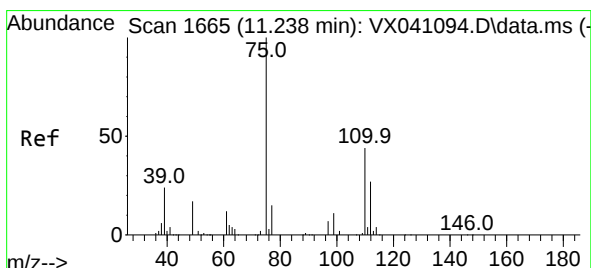
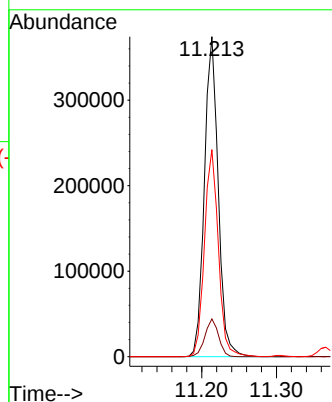
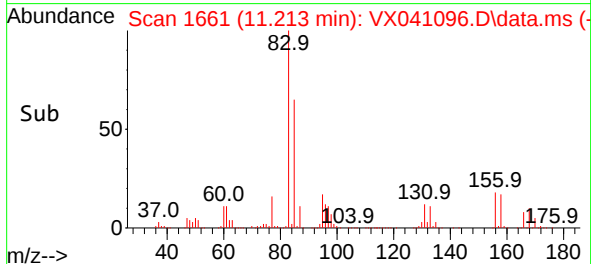
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 480020
Ion Ratio Lower Upper
83 100
131 11.7 5.3 15.8
85 65.2 32.0 96.2

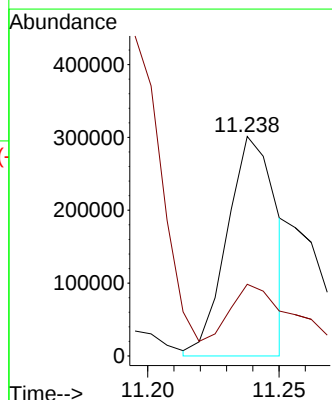
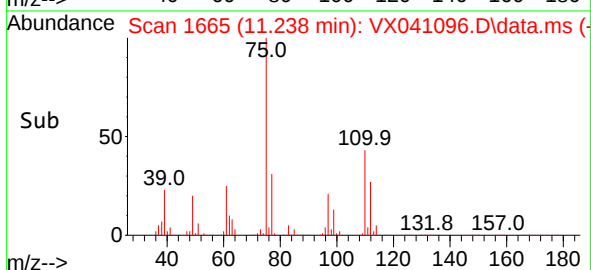
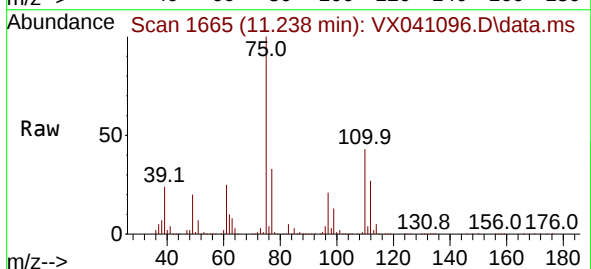
Manual Integrations
APPROVED

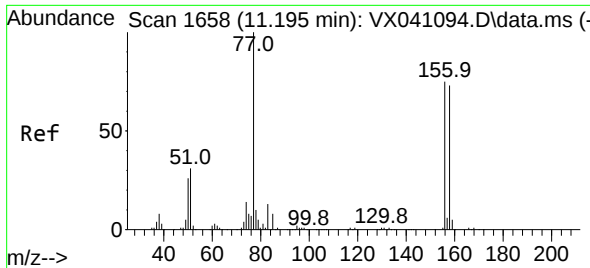
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#76
1,2,3-Trichloropropane
Concen: 138.515 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

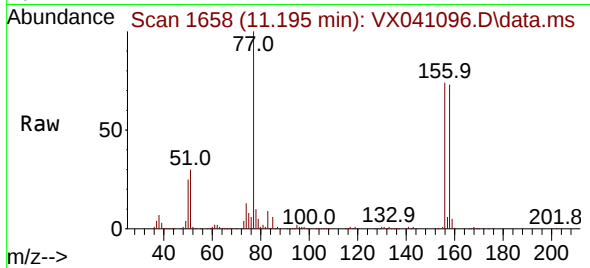
Tgt Ion: 75 Resp: 389768
Ion Ratio Lower Upper
75 100
77 46.1 19.1 57.5





#77
Bromobenzene
Concen: 144.573 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

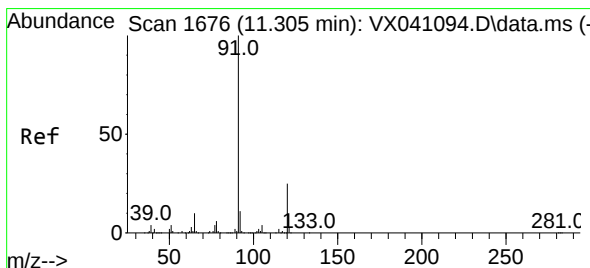
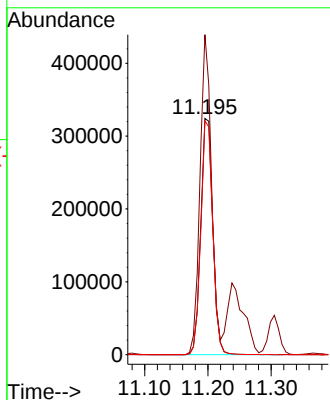
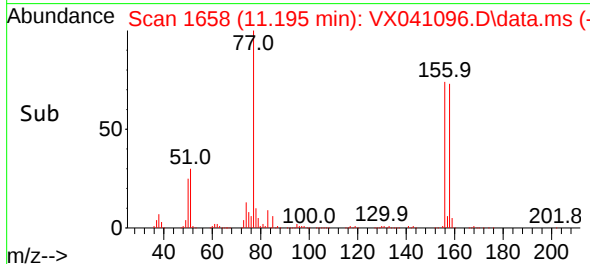
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



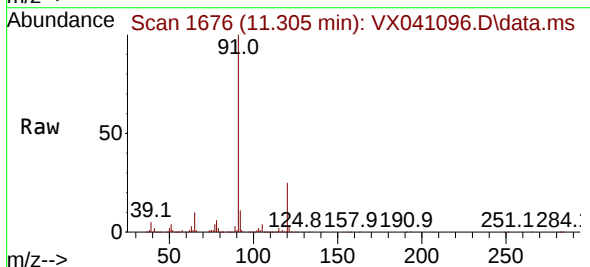
Tgt Ion:156 Resp: 432307
Ion Ratio Lower Upper
156 100
77 128.1 88.4 265.3
158 97.6 48.0 144.0

Manual Integrations
APPROVED

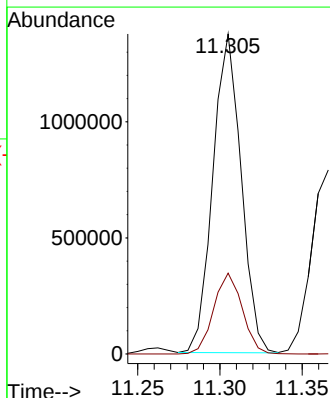
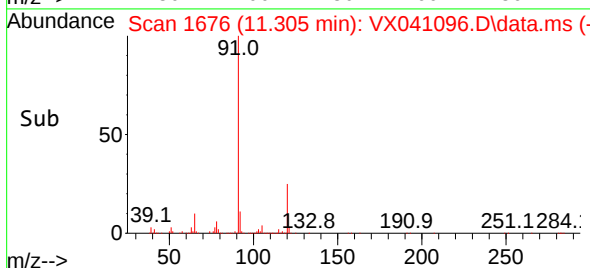
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

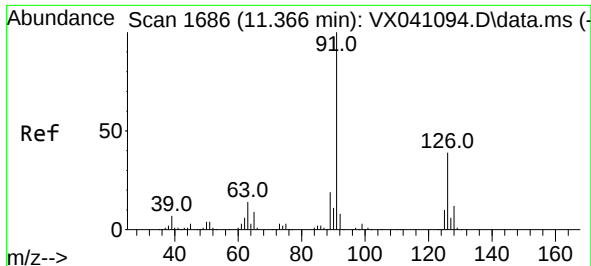


#78
n-propylbenzene
Concen: 143.434 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20



Tgt Ion: 91 Resp: 1638303
Ion Ratio Lower Upper
91 100
120 25.6 11.5 34.4





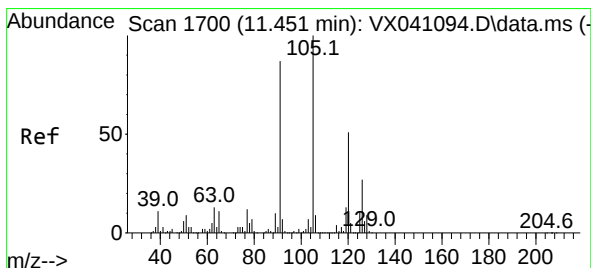
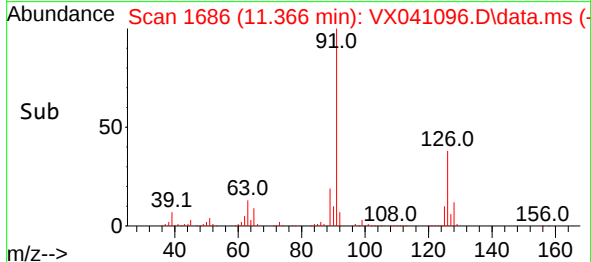
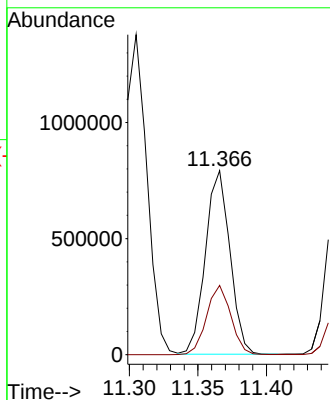
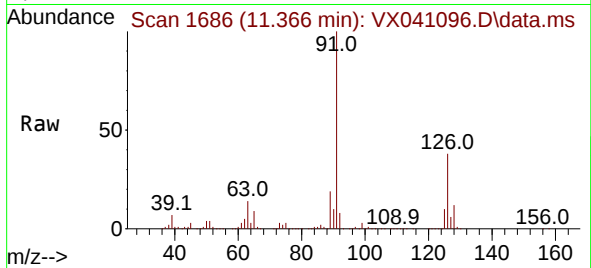
#79
2-Chlorotoluene
Concen: 141.429 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 984770
Ion Ratio Lower Upper
91 100
126 37.4 16.3 48.8

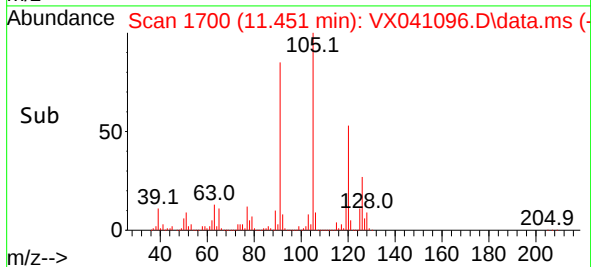
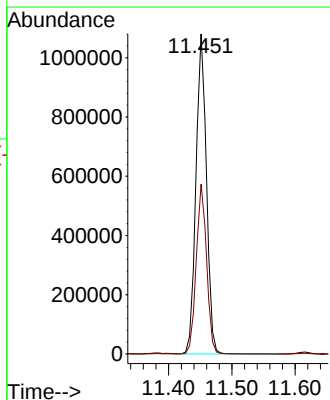
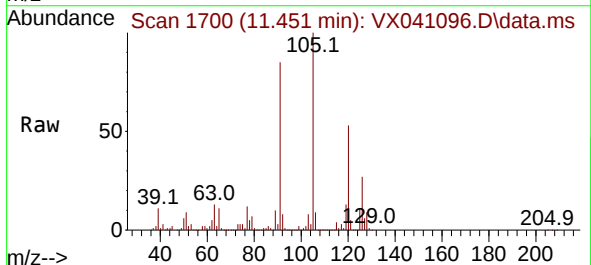
Manual Integrations
APPROVED

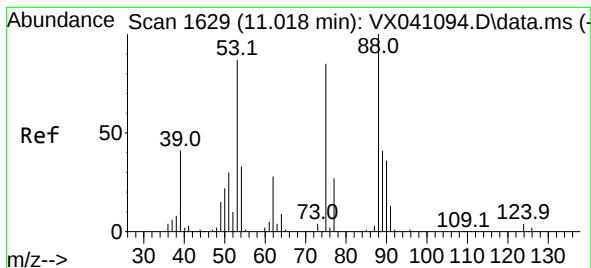
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#80
1,3,5-Trimethylbenzene
Concen: 147.129 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

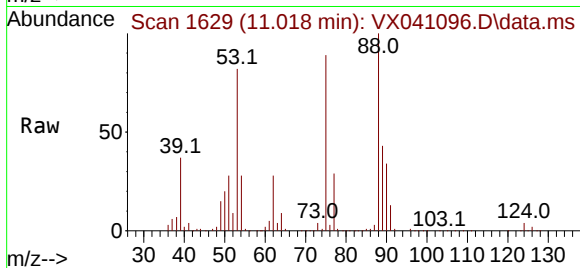
Tgt Ion:105 Resp: 1248308
Ion Ratio Lower Upper
105 100
120 52.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 150.903 ug/l
RT: 11.018 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

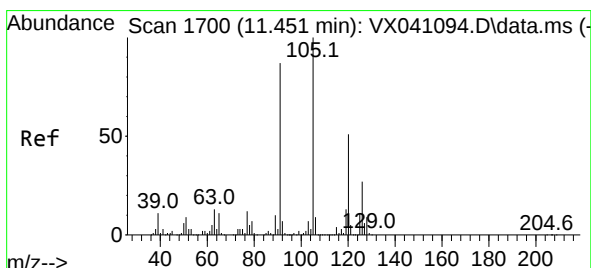
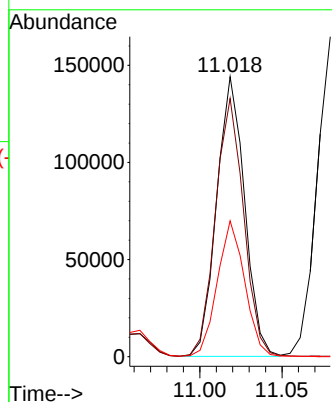
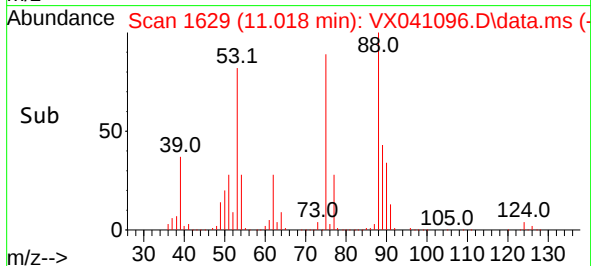
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 170091
Ion Ratio Lower Upper
75 100
53 93.4 90.5 135.7
89 47.9 36.9 55.3

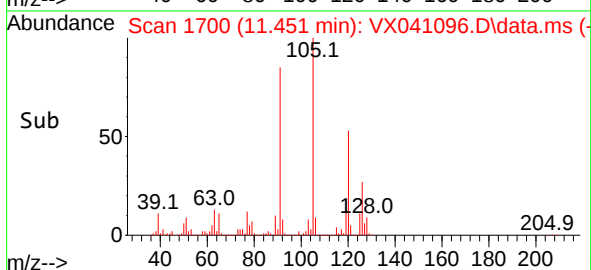
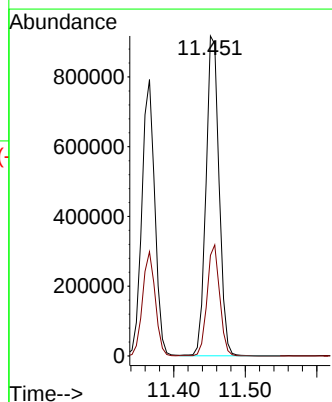
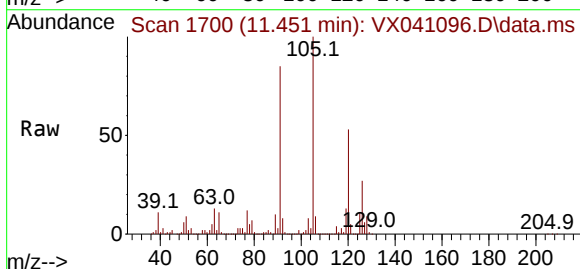
Manual Integrations
APPROVED

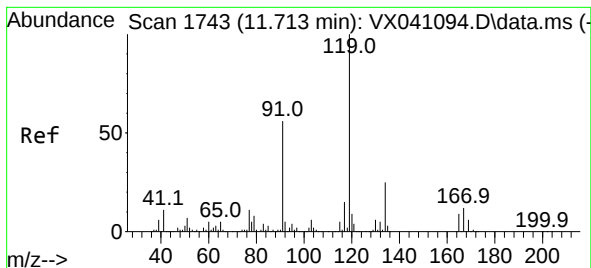
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#82
4-Chlorotoluene
Concen: 144.158 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

Tgt Ion: 91 Resp: 1168738
Ion Ratio Lower Upper
91 100
126 33.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 152.088 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041096.D

Acq: 16 Apr 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:119 Resp: 137622

Ion Ratio Lower Upper

119 100

91 51.9 31.2 93.6

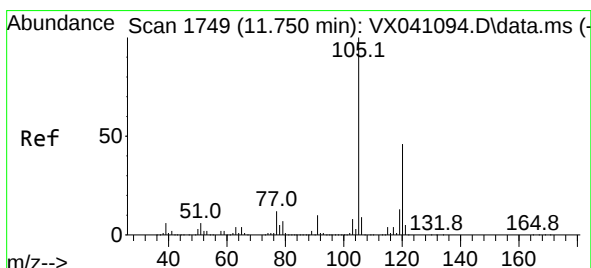
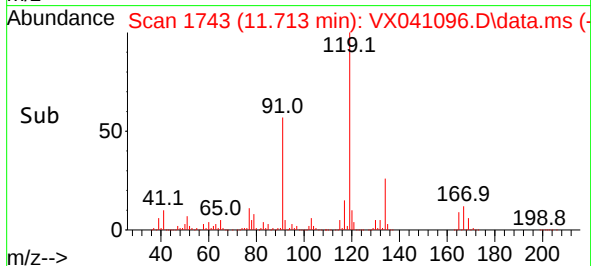
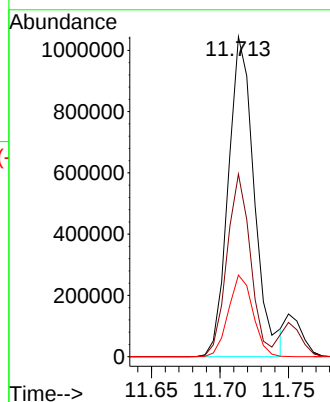
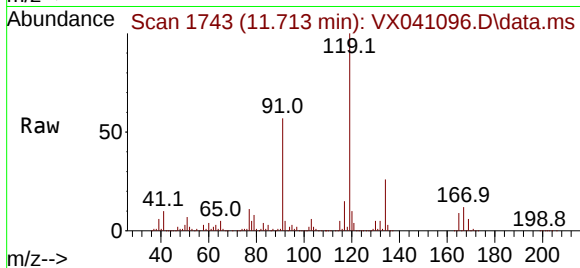
134 24.1 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#84

1,2,4-Trimethylbenzene

Concen: 148.441 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041096.D

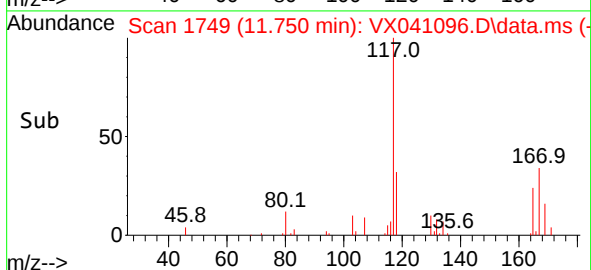
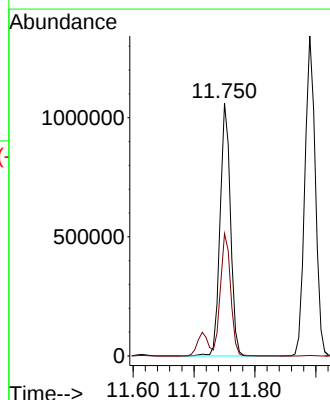
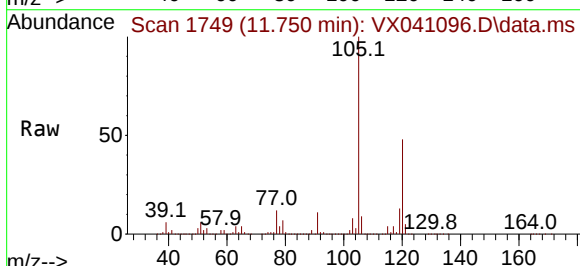
Acq: 16 Apr 2024 11:20

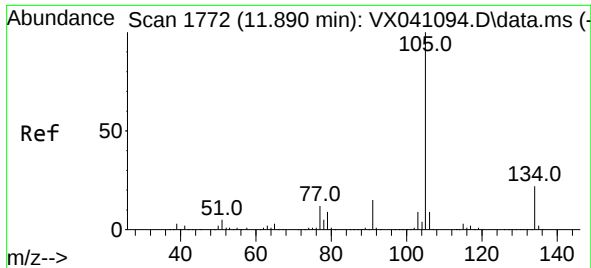
Tgt Ion:105 Resp: 1256927

Ion Ratio Lower Upper

105 100

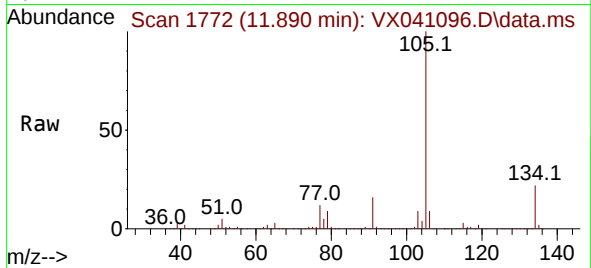
120 47.4 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 146.971 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041096.D
 Acq: 16 Apr 2024 11:20

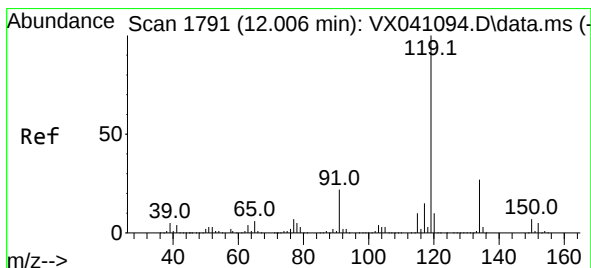
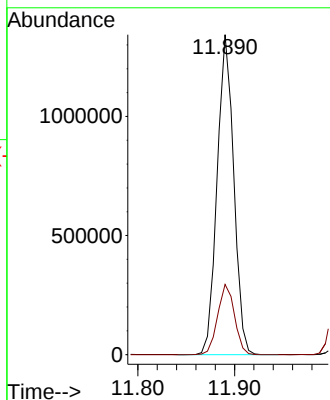
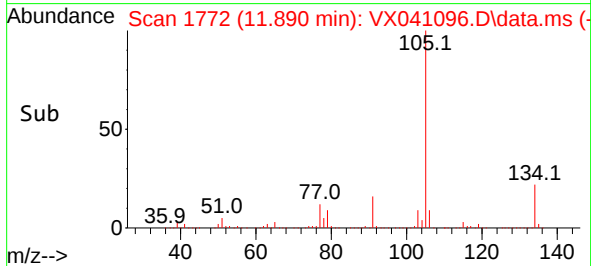
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



Tgt Ion:105 Resp: 159575
 Ion Ratio Lower Upper
 105 100
 134 22.3 9.8 29.4

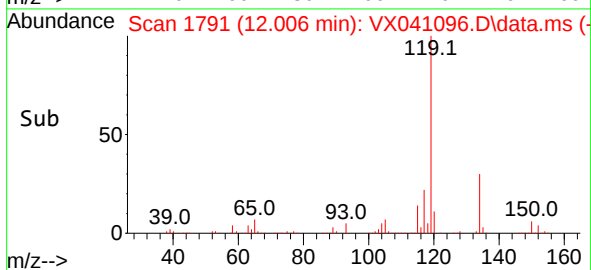
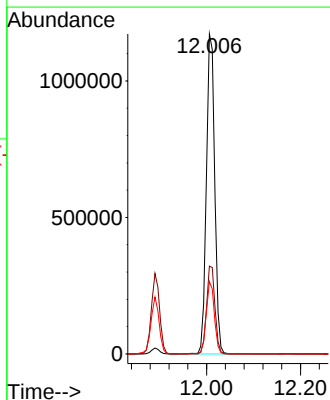
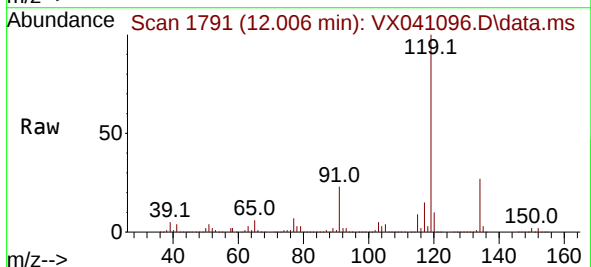
Manual Integrations
 APPROVED

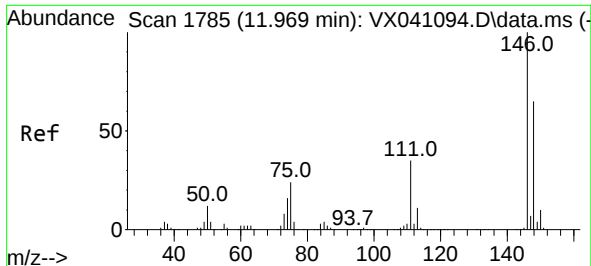
Reviewed By :John Carlone 04/17/2024
 Supervised By :Mahesh Dadoda 04/17/2024



#86
 p-Isopropyltoluene
 Concen: 148.928 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041096.D
 Acq: 16 Apr 2024 11:20

Tgt Ion:119 Resp: 1435057
 Ion Ratio Lower Upper
 119 100
 134 27.6 12.8 38.3
 91 21.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 143.403 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041096.D

Acq: 16 Apr 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:146 Resp: 808940

Ion Ratio Lower Upper

146 100

111 36.4 22.1 66.1

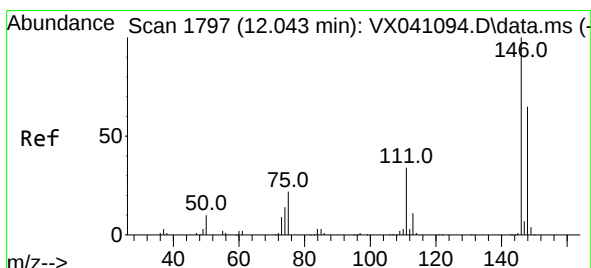
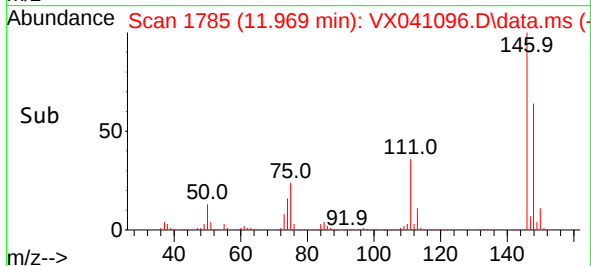
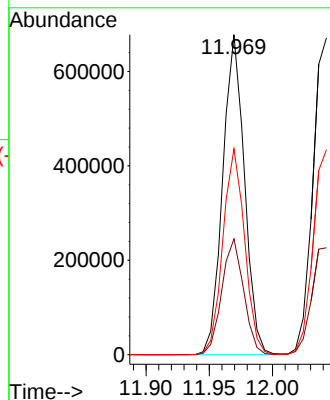
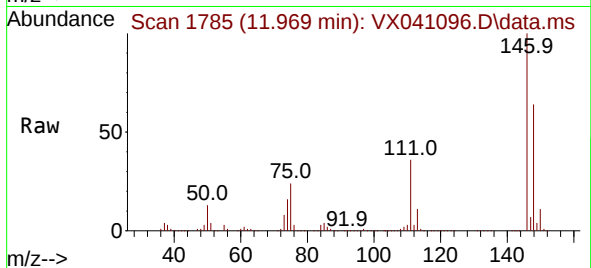
148 64.6 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#88

1,4-Dichlorobenzene

Concen: 137.923 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041096.D

Acq: 16 Apr 2024 11:20

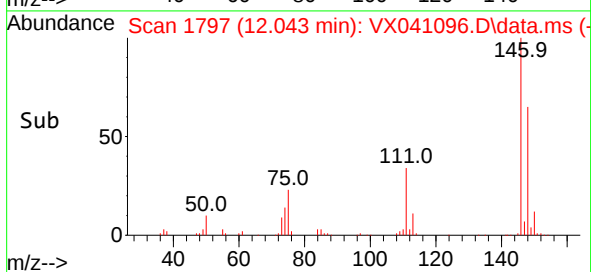
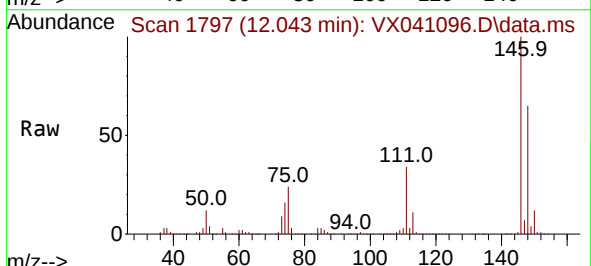
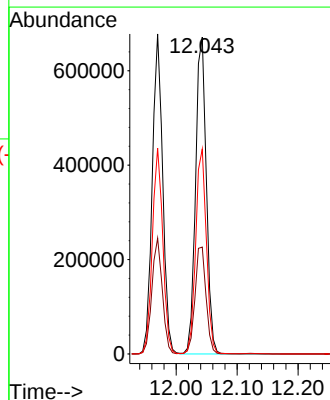
Tgt Ion:146 Resp: 820515

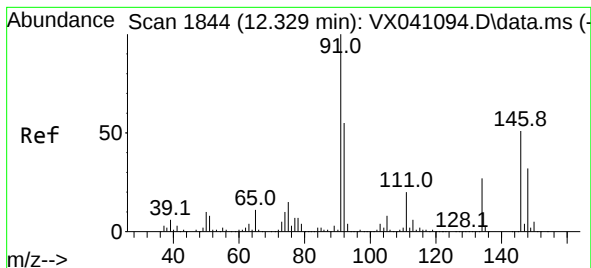
Ion Ratio Lower Upper

146 100

111 34.8 21.3 63.7

148 64.2 31.8 95.4





#89

n-Butylbenzene

Concen: 153.484 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX041096.D

Acq: 16 Apr 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 1254740

Ion Ratio Lower Upper

91 100

92 55.4 27.4 82.0

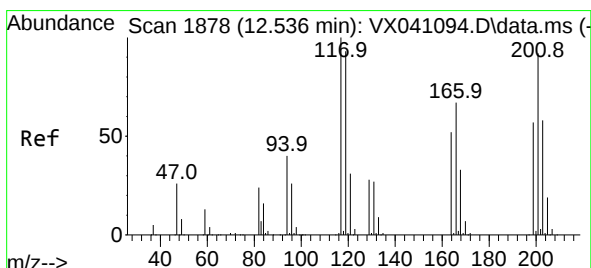
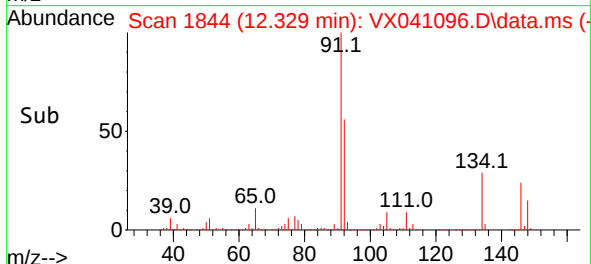
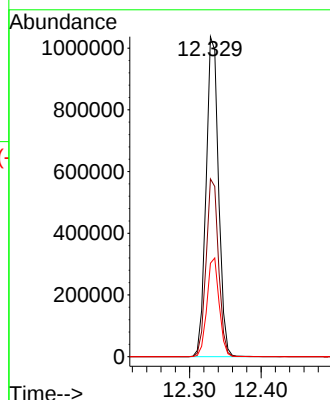
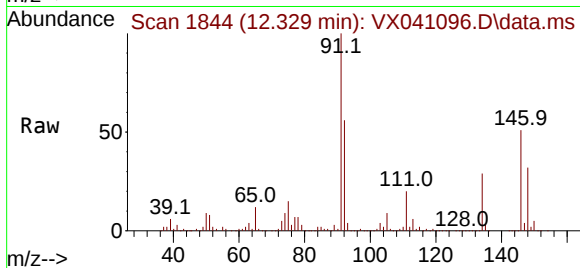
134 30.3 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#90

Hexachloroethane

Concen: 161.975 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX041096.D

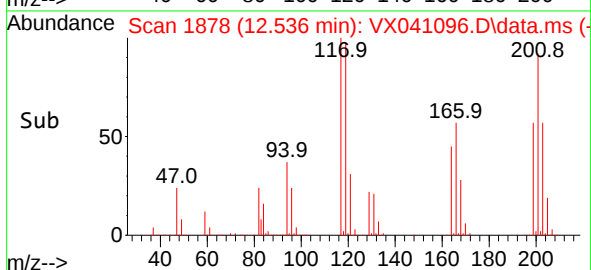
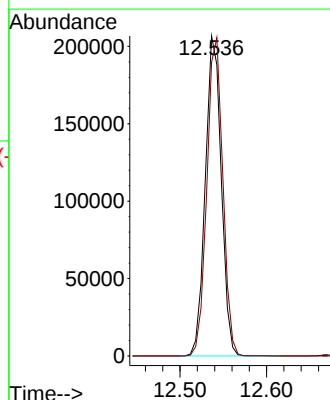
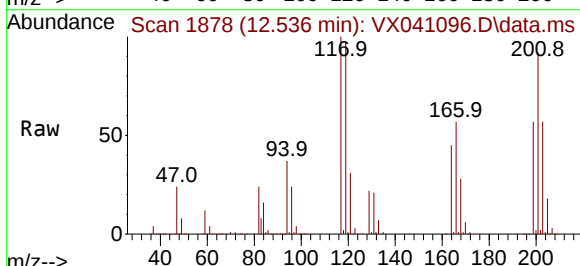
Acq: 16 Apr 2024 11:20

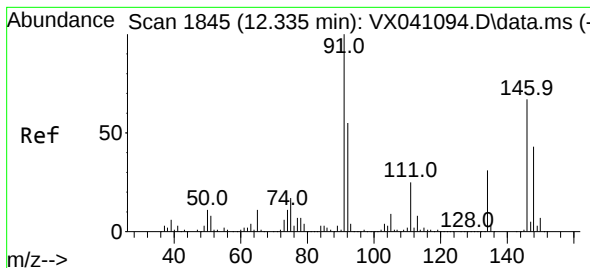
Tgt Ion:117 Resp: 264298

Ion Ratio Lower Upper

117 100

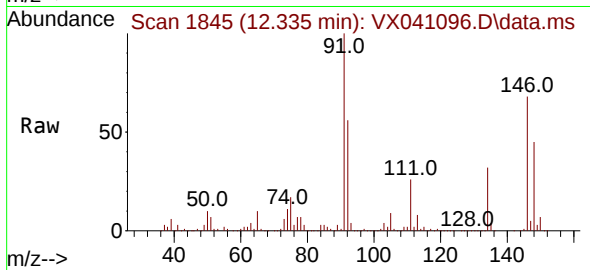
201 99.3 32.9 98.6#





#91
1,2-Dichlorobenzene
Concen: 143.468 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

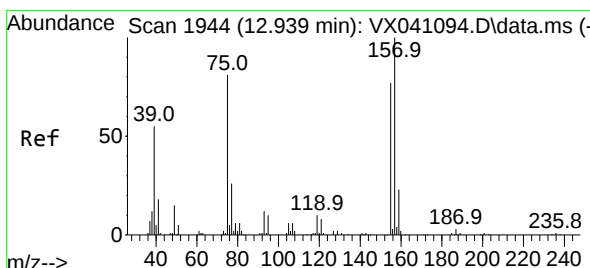
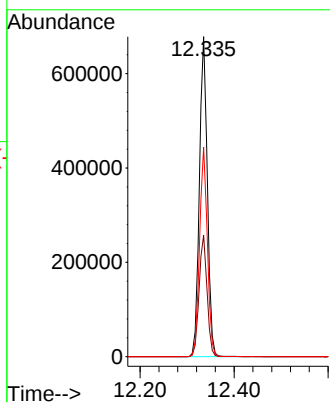
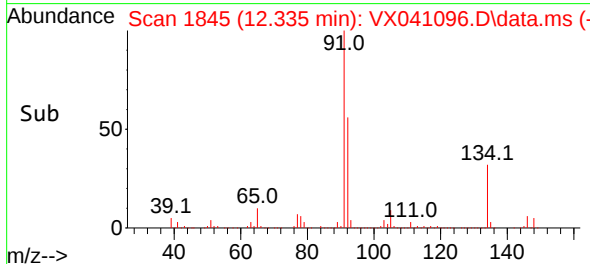
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



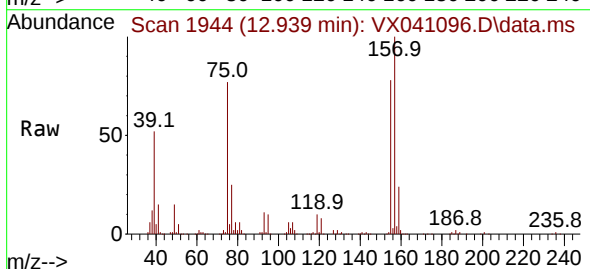
Tgt Ion:146 Resp: 80311
Ion Ratio Lower Upper
146 100
111 38.0 22.4 67.0
148 64.3 31.6 95.0

Manual Integrations
APPROVED

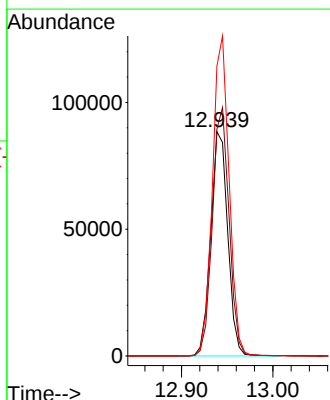
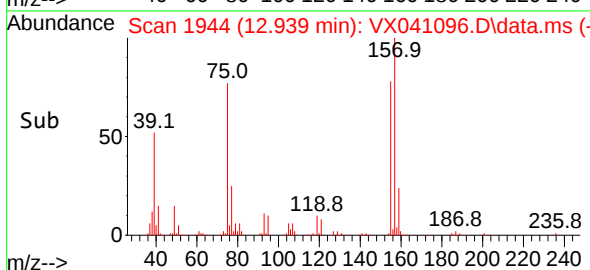
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

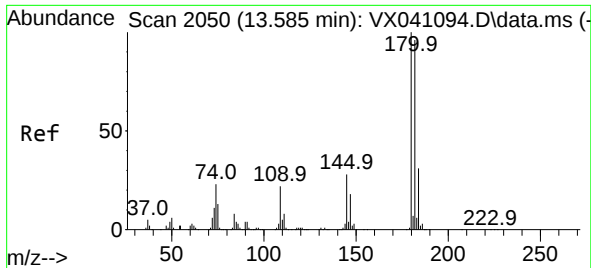


#92
1,2-Dibromo-3-Chloropropane
Concen: 157.718 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20



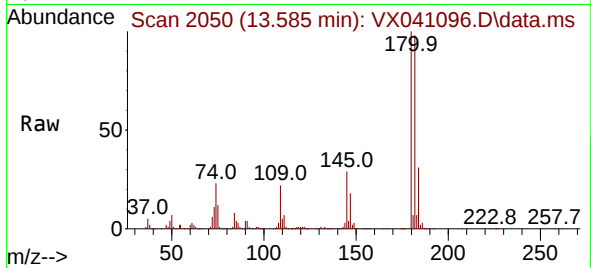
Tgt Ion: 75 Resp: 114334
Ion Ratio Lower Upper
75 100
155 108.8 36.1 108.5#
157 139.6 44.9 134.7#





#93
1,2,4-Trichlorobenzene
Concen: 150.565 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20

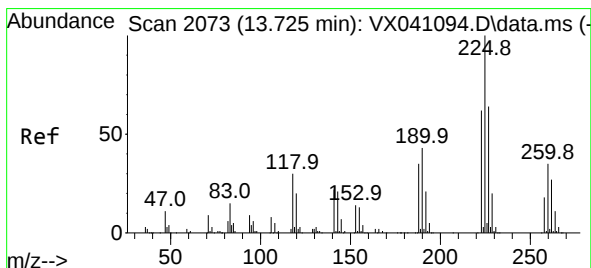
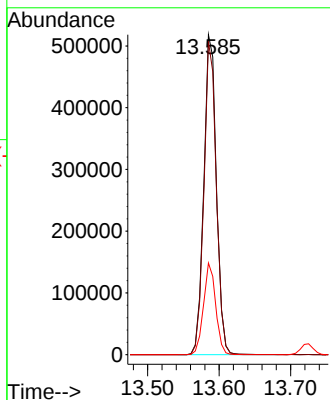
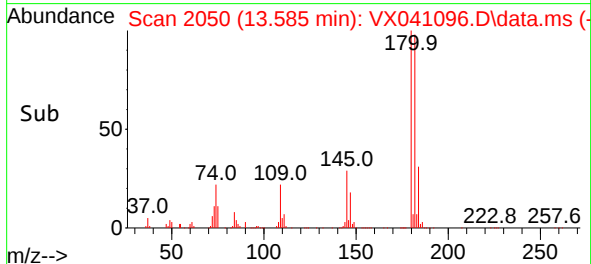
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



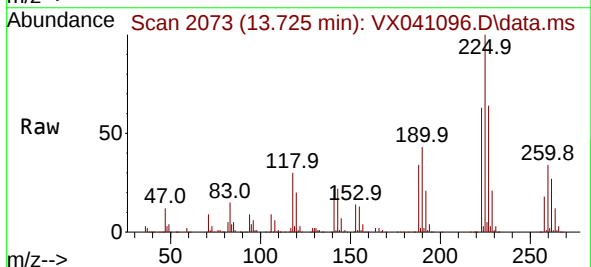
Tgt Ion:180 Resp: 63344
Ion Ratio Lower Upper
180 100
182 96.5 48.3 144.8
145 27.8 18.0 54.0

Manual Integrations
APPROVED

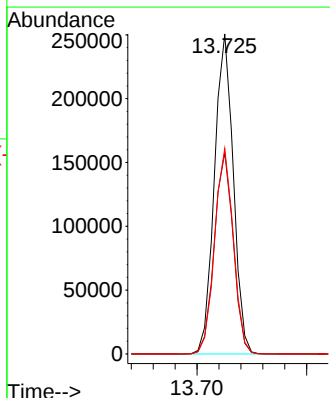
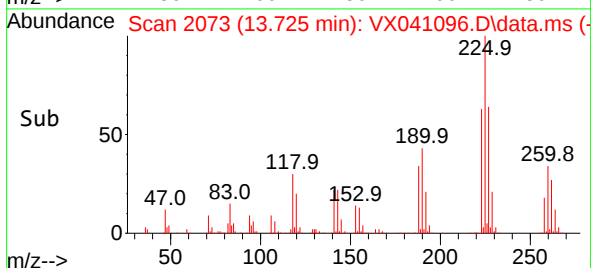
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

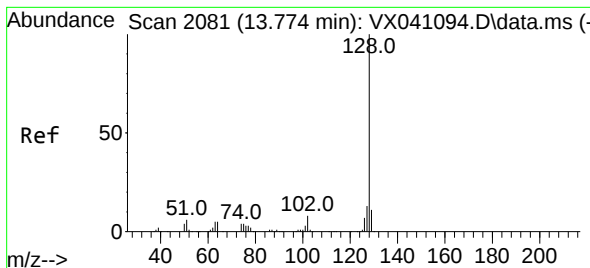


#94
Hexachlorobutadiene
Concen: 149.639 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX041096.D
Acq: 16 Apr 2024 11:20



Tgt Ion:225 Resp: 300118
Ion Ratio Lower Upper
225 100
223 62.9 31.1 93.2
227 63.6 32.5 97.5





#95

Naphthalene

Concen: 155.097 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041096.D

Acq: 16 Apr 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:128 Resp: 1762418

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

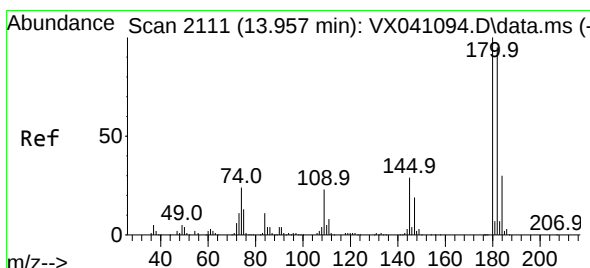
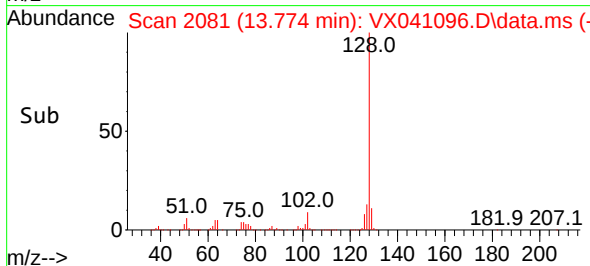
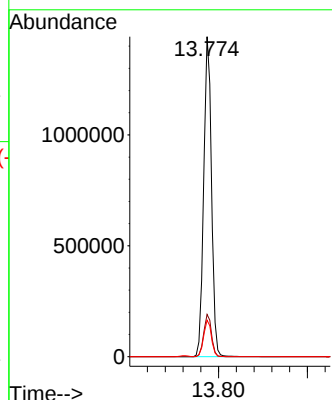
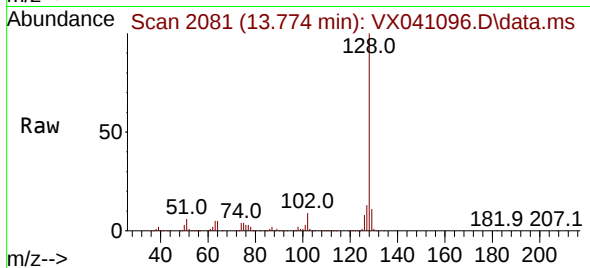
129 11.4 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#96

1,2,3-Trichlorobenzene

Concen: 150.431 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX041096.D

Acq: 16 Apr 2024 11:20

Tgt Ion:180 Resp: 628416

Ion Ratio Lower Upper

180 100

182 95.8 46.9 140.6

145 29.1 17.8 53.5

