

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042224\
 Data File : VX041186.D
 Acq On : 22 Apr 2024 12:29
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 23 05:15:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:06:51 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/23/2024
 Supervised By : Mahesh Dadoda 04/23/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	262240	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	359771	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	325931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	161757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	237227	95.031	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 190.060%#			
35) Dibromofluoromethane	5.385	113	211536	96.660	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 193.320%#			
50) Toluene-d8	8.647	98	732888	99.260	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 198.520%#			
62) 4-Bromofluorobenzene	11.079	95	255273	93.669	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 187.340%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	205359	99.008	ug/l	98
3) Chloromethane	1.295	50	213611	95.123	ug/l	99
4) Vinyl Chloride	1.374	62	220081	98.004	ug/l	100
5) Bromomethane	1.599	94	127776	101.055	ug/l	99
6) Chloroethane	1.666	64	78454	91.959	ug/l	99
7) Trichlorofluoromethane	1.855	101	336059	96.579	ug/l	98
8) Diethyl Ether	2.136	74	125216	97.785	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.313	101	218145	106.554	ug/l	# 85
10) Methyl Iodide	2.441	142	265768	107.650	ug/l	# 85
11) Tert butyl alcohol	3.093	59	235697m	527.685	ug/l	
12) 1,1-Dichloroethene	2.307	96	208971	109.343	ug/l	81
13) Acrolein	2.246	56	281767	561.642	ug/l	96
14) Allyl chloride	2.654	41	309195	99.591	ug/l	# 90
15) Acrylonitrile	3.075	53	585746	512.563	ug/l	99
16) Acetone	2.398	43	455179	500.937	ug/l	93
17) Carbon Disulfide	2.496	76	444969	111.456	ug/l	99
18) Methyl Acetate	2.709	43	262692	97.730	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	690730	101.101	ug/l	100
20) Methylene Chloride	2.782	84	222010	100.041	ug/l	90
21) trans-1,2-Dichloroethene	3.081	96	212945	100.827	ug/l	87
22) Diisopropyl ether	3.770	45	669987	99.811	ug/l	# 81
23) Vinyl Acetate	3.721	43	3021787	526.209	ug/l	# 93
24) 1,1-Dichloroethane	3.605	63	382154	101.845	ug/l	96
25) 2-Butanone	4.574	43	766932	494.221	ug/l	95
26) 2,2-Dichloropropane	4.471	77	330874	104.334	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	262926	100.440	ug/l	88
28) Bromochloromethane	4.904	49	129000	90.593	ug/l	# 69
29) Tetrahydrofuran	5.013	42	519821	491.707	ug/l	93
30) Chloroform	5.093	83	403644	100.222	ug/l	98
31) Cyclohexane	5.458	56	330592	98.399	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	370754	102.690	ug/l	96
36) 1,1-Dichloropropene	5.684	75	275264	98.304	ug/l	95
37) Ethyl Acetate	4.721	43	320514	104.328	ug/l	98
38) Carbon Tetrachloride	5.672	117	327706	104.781	ug/l	99
39) Methylcyclohexane	7.373	83	376321	101.323	ug/l	91
40) Benzene	6.032	78	862079	99.686	ug/l	99

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 Supervised By : Mahesh Dadoda 04/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	169141	105.754	ug/l	92
42) 1,2-Dichloroethane	6.086	62	296800	98.983	ug/l	94
43) Isopropyl Acetate	6.349	43	509518	102.955	ug/l	96
44) Trichloroethene	7.123	130	253377	100.776	ug/l	86
45) 1,2-Dichloropropane	7.428	63	207029	99.845	ug/l	99
46) Dibromomethane	7.580	93	157002	101.544	ug/l #	75
47) Bromodichloromethane	7.824	83	308967	108.411	ug/l	97
48) Methyl methacrylate	7.696	41	251002	107.230	ug/l	91
49) 1,4-Dioxane	7.684	88	104892	2081.917	ug/l #	89
51) 4-Methyl-2-Pentanone	8.580	43	1573761	508.044	ug/l	94
52) Toluene	8.714	92	563645	103.436	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	324707	116.154	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	348868	109.778	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	222128	104.468	ug/l	97
56) Ethyl methacrylate	9.122	69	365225	112.357	ug/l	92
57) 1,3-Dichloropropane	9.305	76	360238	102.346	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	819411	517.939	ug/l	91
59) 2-Hexanone	9.439	43	1214070	511.096	ug/l	94
60) Dibromochloromethane	9.525	129	277149	112.913	ug/l	99
61) 1,2-Dibromoethane	9.610	107	238738	104.650	ug/l	100
64) Tetrachloroethene	9.269	164	245708	98.296	ug/l	90
65) Chlorobenzene	10.080	112	658714	98.201	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	240708	104.766	ug/l	98
67) Ethyl Benzene	10.195	91	1074163	100.345	ug/l	96
68) m/p-Xylenes	10.299	106	869315	201.169	ug/l	89
69) o-Xylene	10.640	106	379875	90.384	ug/l	92
70) Styrene	10.653	104	644057	94.194	ug/l	95
71) Bromoform	10.799	173	204656	104.187	ug/l #	99
73) Isopropylbenzene	10.964	105	982602	97.631	ug/l	95
74) N-amyl acetate	10.842	43	420523	106.314	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	308466	97.186	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	245084m	94.039	ug/l	
77) Bromobenzene	11.201	156	286671	97.878	ug/l	77
78) n-propylbenzene	11.305	91	1100255	101.243	ug/l	94
79) 2-Chlorotoluene	11.366	91	666596	96.931	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	871277	104.057	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	102628	111.099	ug/l	90
82) 4-Chlorotoluene	11.451	91	801914	102.898	ug/l	92
83) tert-Butylbenzene	11.713	119	889032	99.151	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	816646	98.266	ug/l	92
85) sec-Butylbenzene	11.890	105	1048409	101.254	ug/l	94
86) p-Isopropyltoluene	12.006	119	943960	103.452	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	506654	96.302	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	515904	95.573	ug/l	94
89) n-Butylbenzene	12.329	91	765349	110.471	ug/l	97
90) Hexachloroethane	12.536	117	184109	122.319	ug/l #	57
91) 1,2-Dichlorobenzene	12.335	146	520976	98.866	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	78184	117.396	ug/l #	51
93) 1,2,4-Trichlorobenzene	13.585	180	440595	120.593	ug/l	94
94) Hexachlorobutadiene	13.725	225	216523	115.995	ug/l	99
95) Naphthalene	13.774	128	1220357	116.252	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	441496	114.721	ug/l	95

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MSVOA_X
ClientSampleId :
VSTDICC100

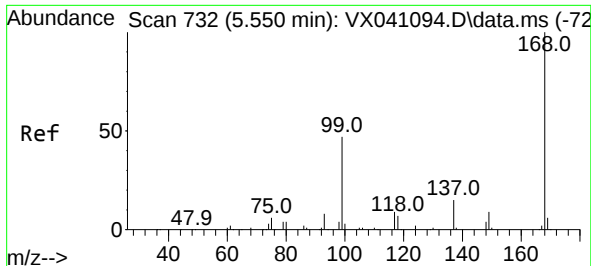
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/23/2024

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:06:51 2024
Response via : Initial Calibration

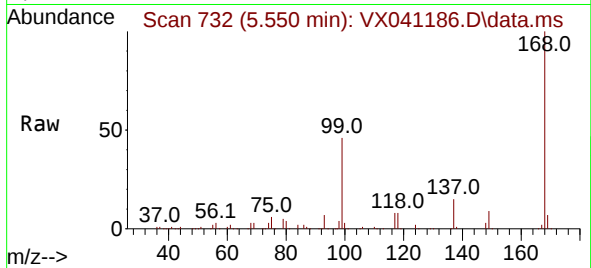
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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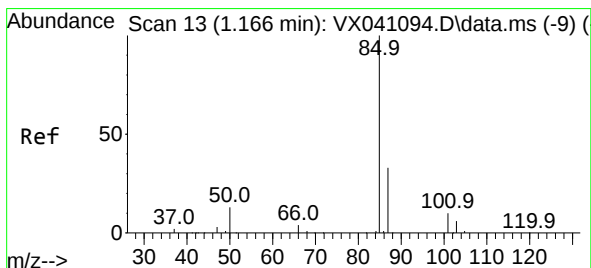
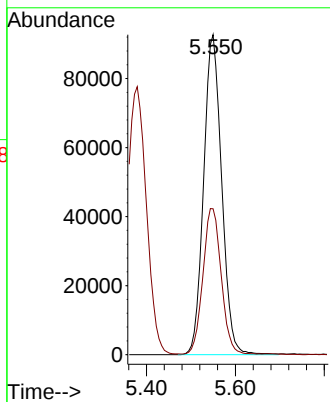
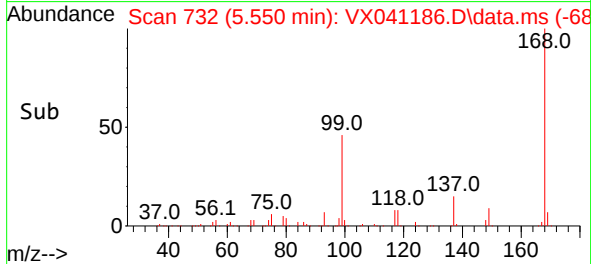
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:168 Resp: 262240
Ion Ratio Lower Upper
168 100
99 45.4 56.6 85.0

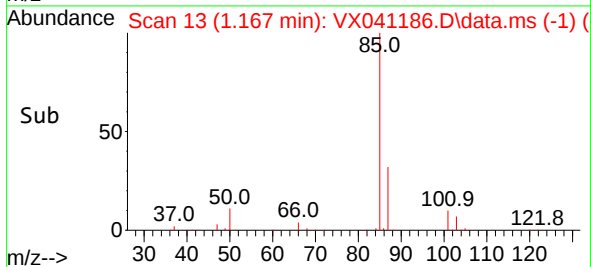
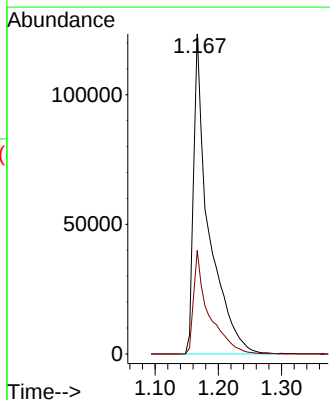
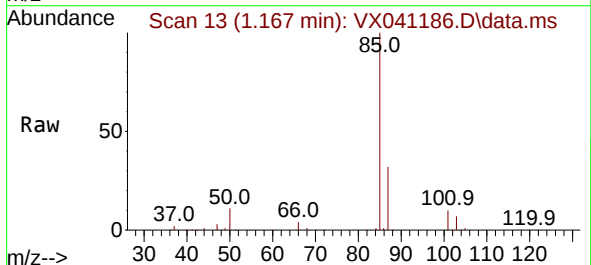
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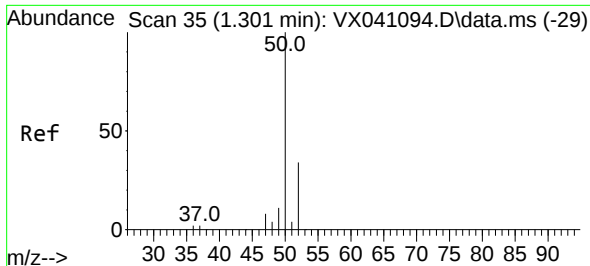
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#2
Dichlorodifluoromethane
Concen: 99.008 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29

Tgt Ion: 85 Resp: 205359
Ion Ratio Lower Upper
85 100
87 32.4 16.7 50.1





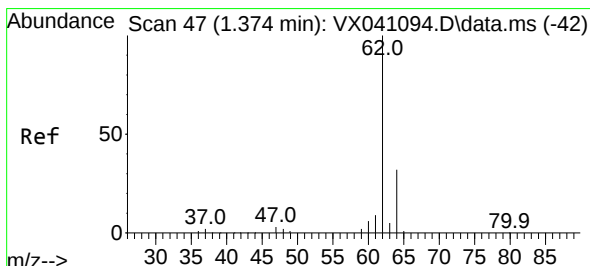
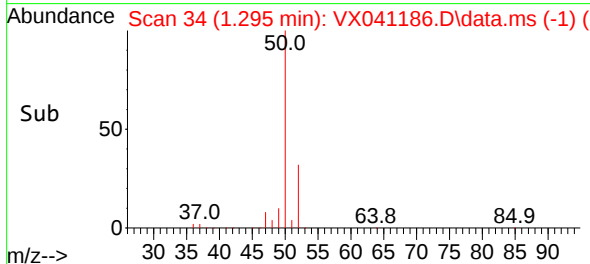
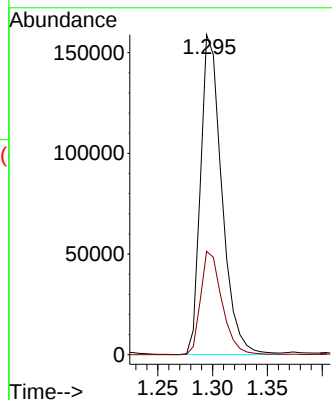
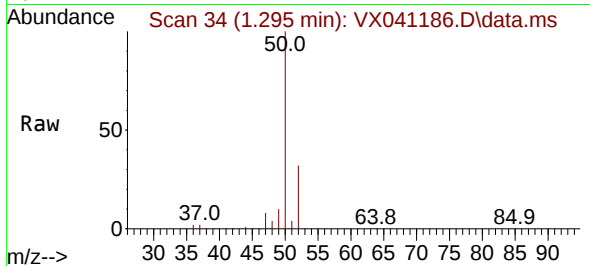
#3
Chloromethane
Concen: 95.123 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 21361
Ion Ratio Lower Upper
50 100
52 32.3 25.5 38.3

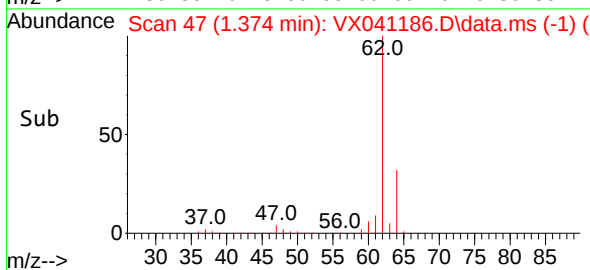
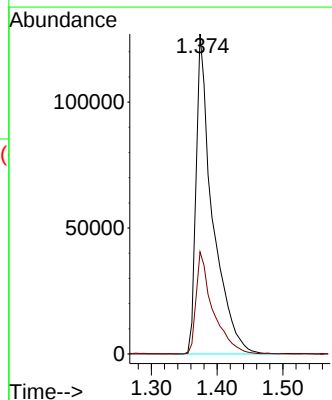
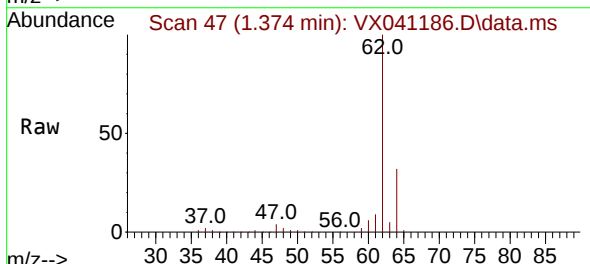
Manual Integrations
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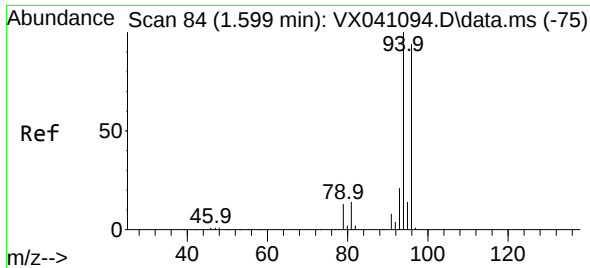
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#4
Vinyl Chloride
Concen: 98.004 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29

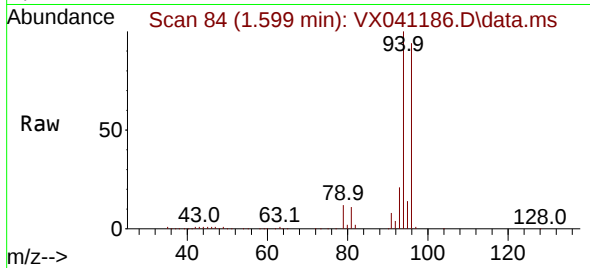
Tgt Ion: 62 Resp: 220081
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.0





#5
Bromomethane
Concen: 101.055 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29

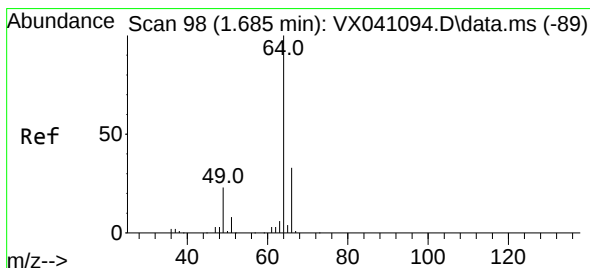
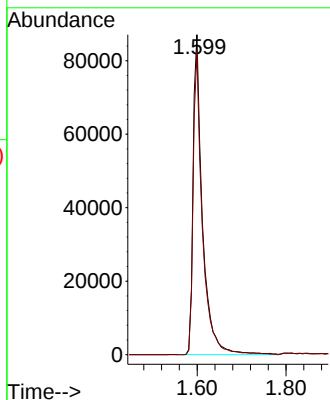
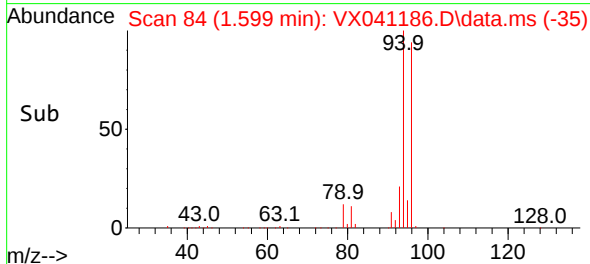
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 127776
Ion Ratio Lower Upper
94 100
96 94.4 74.6 111.8

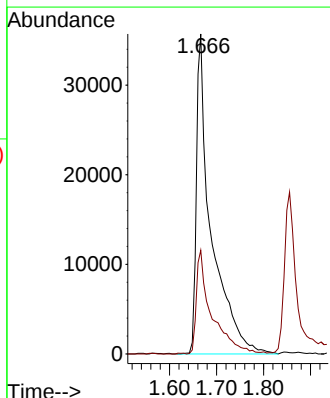
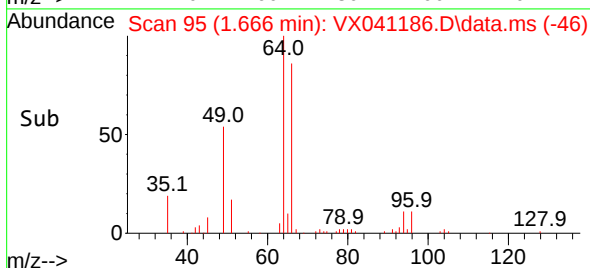
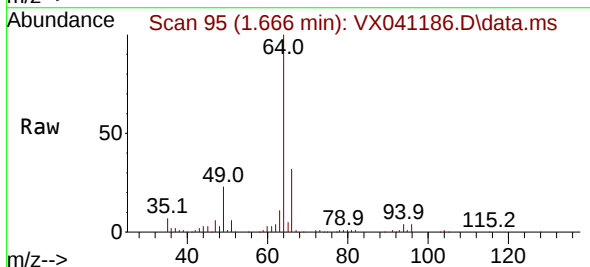
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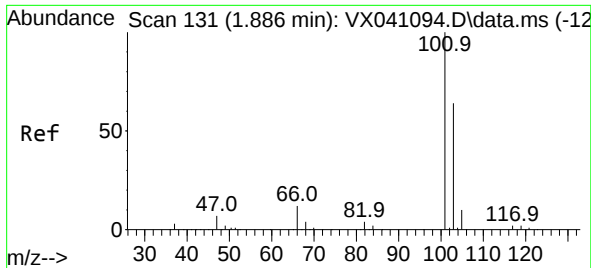
Reviewed By :John Carlone 04/23/2024
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#6
Chloroethane
Concen: 91.959 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041186.D
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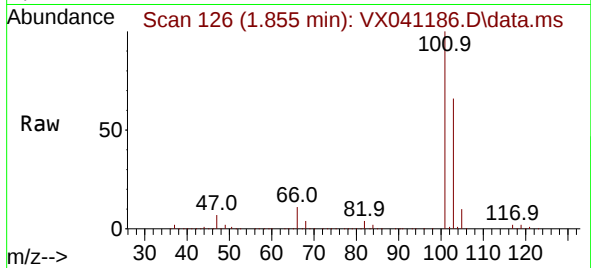
Tgt Ion: 64 Resp: 78454
Ion Ratio Lower Upper
64 100
66 32.1 25.1 37.7





#7
Trichlorofluoromethane
Concen: 96.579 ug/l
RT: 1.855 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29

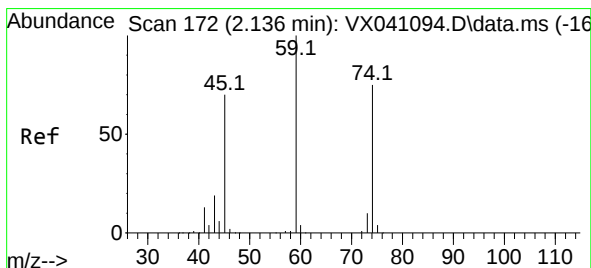
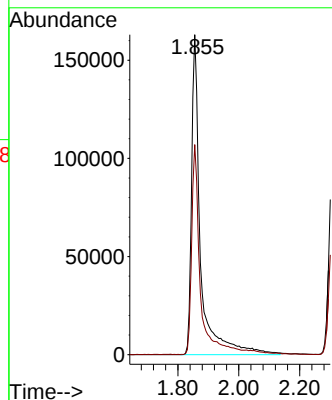
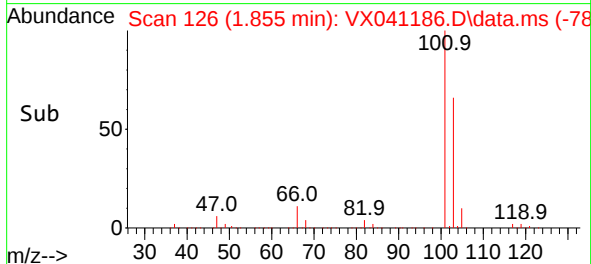
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:101 Resp: 336059
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.2

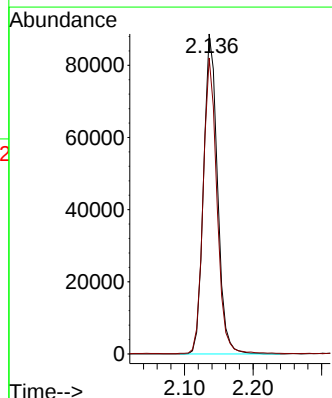
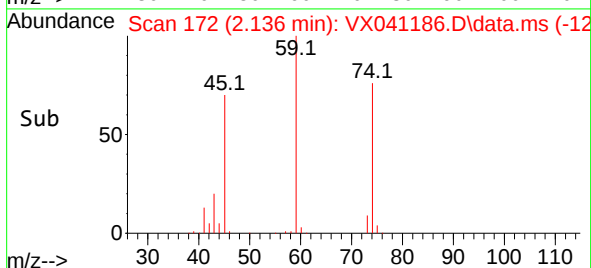
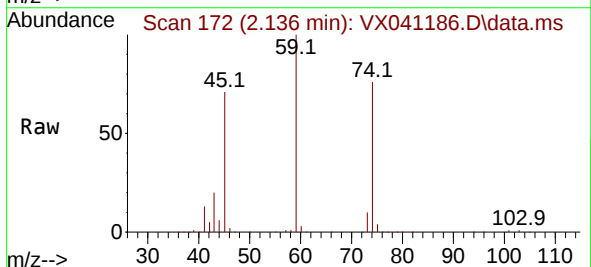
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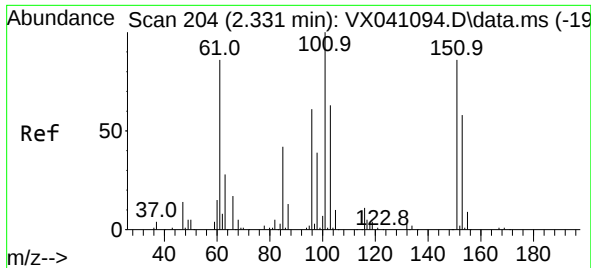
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#8
Diethyl Ether
Concen: 97.785 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29

Tgt Ion: 74 Resp: 125216
Ion Ratio Lower Upper
74 100
45 91.7 53.3 159.8





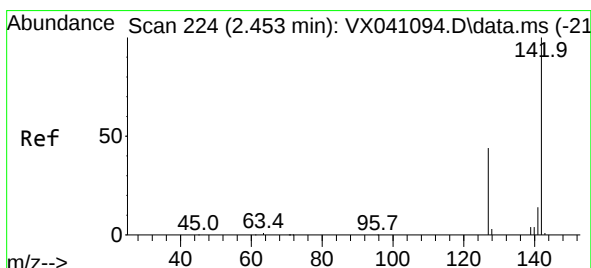
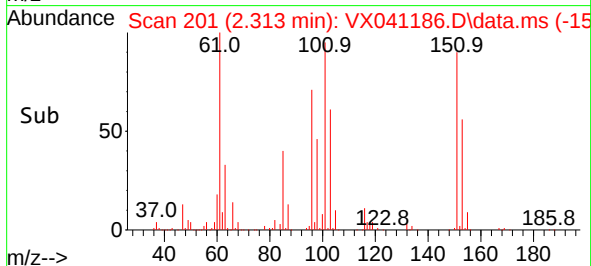
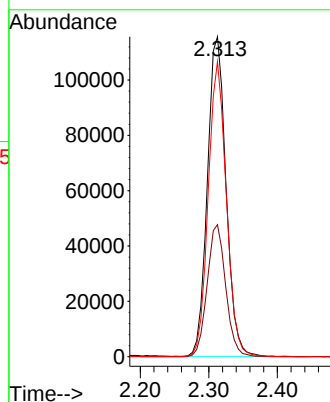
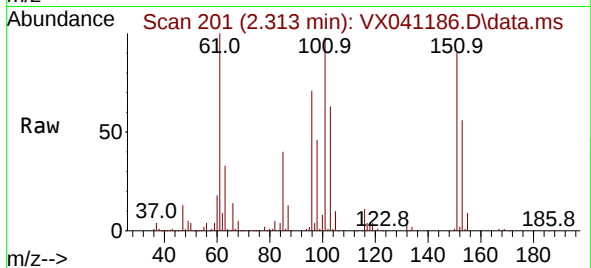
#9
1,1,2-Trichlorotrifluoroethane
Concen: 106.554 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 21814
Ion Ratio Lower Upper
101 100
85 41.1 37.0 55.6
151 89.9 58.6 87.8

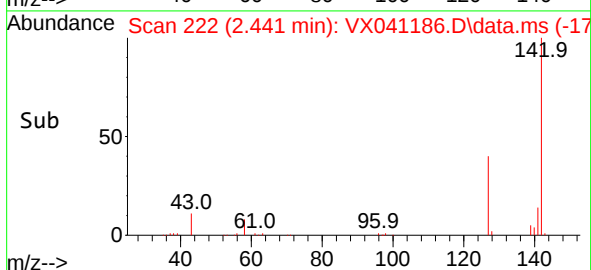
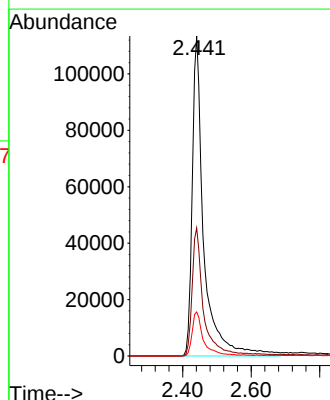
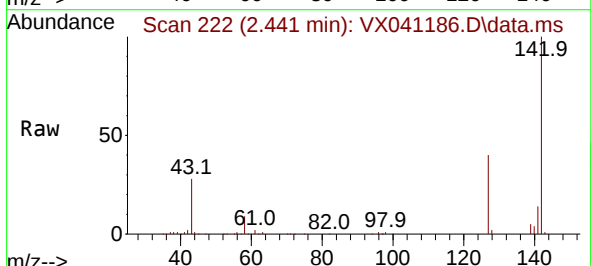
Manual Integrations
APPROVED

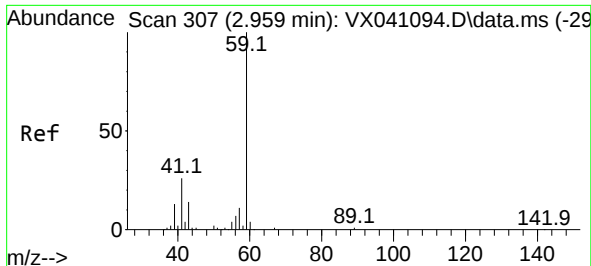
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#10
Methyl Iodide
Concen: 107.650 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29

Tgt Ion:142 Resp: 265768
Ion Ratio Lower Upper
142 100
127 39.3 41.6 62.4#
141 13.6 11.6 17.4





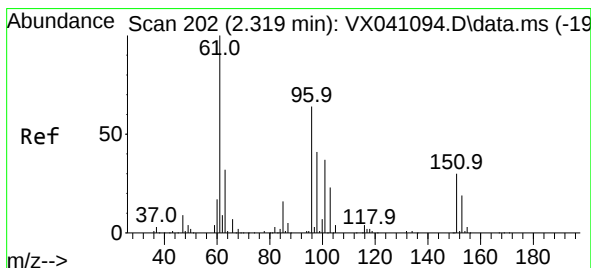
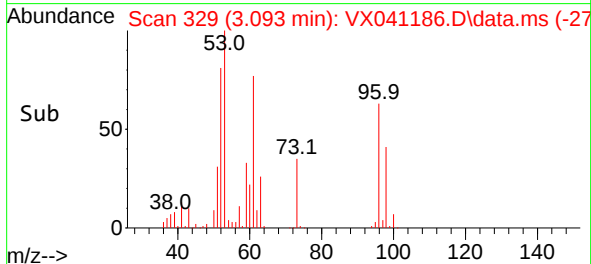
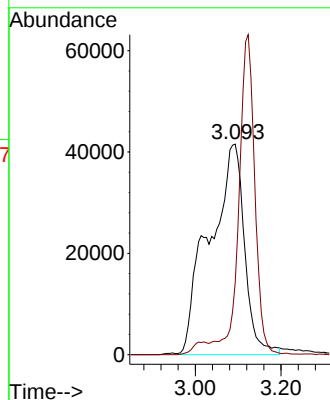
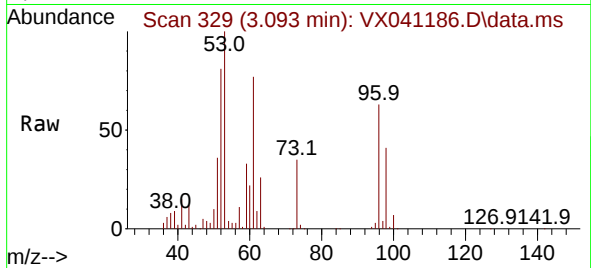
#11
Tert butyl alcohol
Concen: 527.685 ug/l m
RT: 3.093 min Scan# 31
Delta R.T. 0.031 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 23569
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0

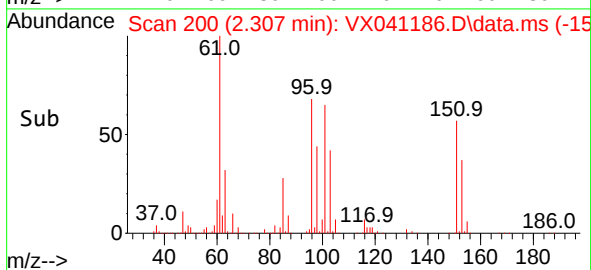
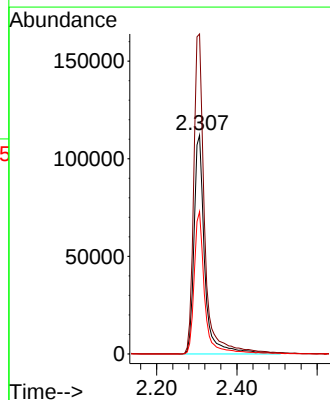
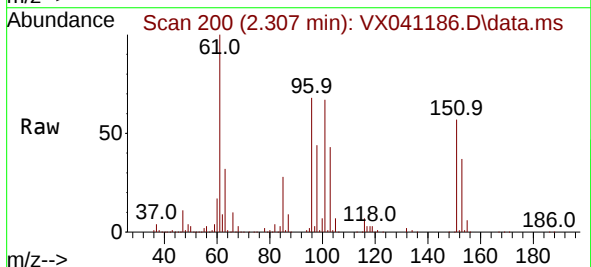
Manual Integrations
APPROVED

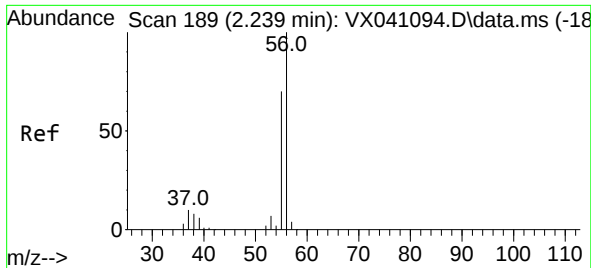
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#12
1,1-Dichloroethene
Concen: 109.343 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29

Tgt Ion: 96 Resp: 208971
Ion Ratio Lower Upper
96 100
61 146.3 144.6 216.8
98 65.0 50.4 75.6





#13

Acrolein

Concen: 561.642 ug/l

RT: 2.246 min Scan# 190

Delta R.T. 0.006 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 56 Resp: 28176

Ion Ratio Lower Upper

56 100

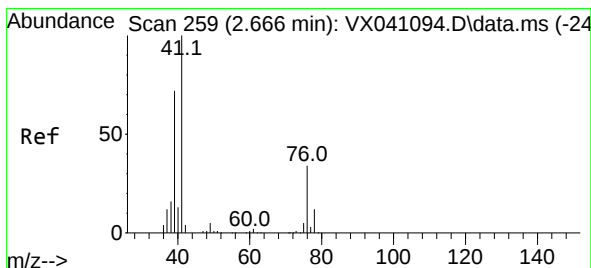
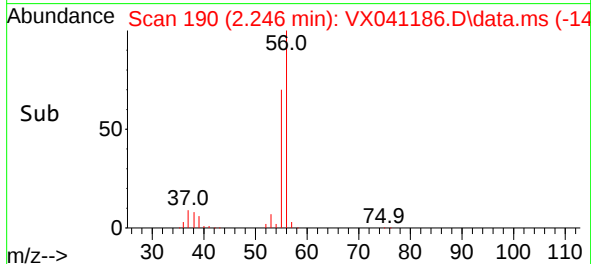
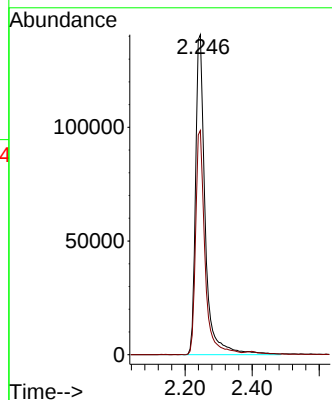
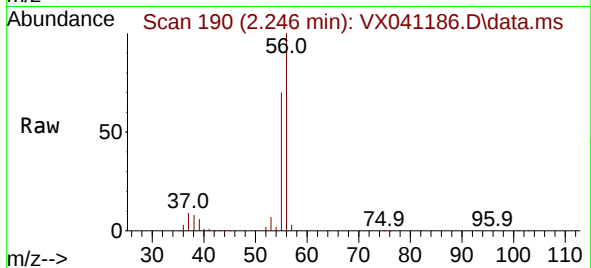
55 68.0 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#14

Allyl chloride

Concen: 99.591 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

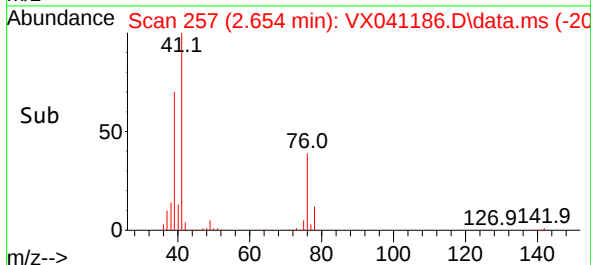
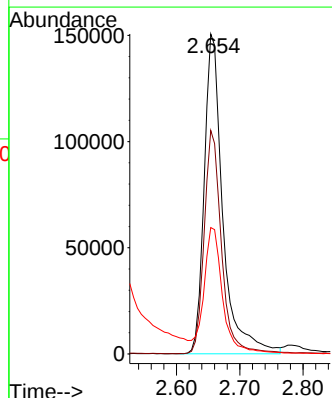
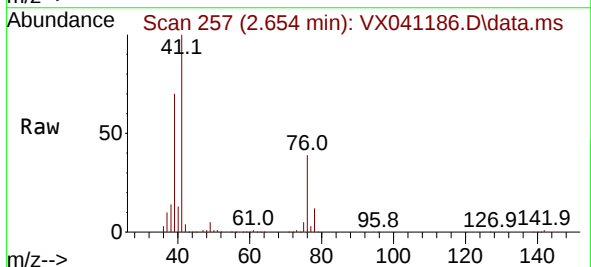
Tgt Ion: 41 Resp: 309195

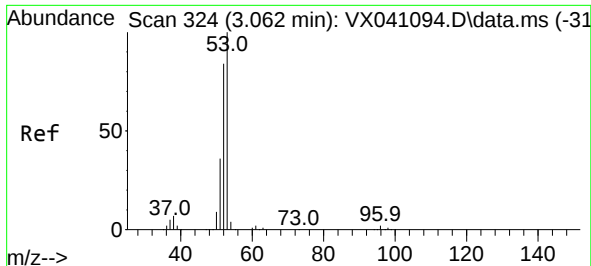
Ion Ratio Lower Upper

41 100

39 64.9 55.8 83.6

76 41.1 24.3 36.5





#15

Acrylonitrile

Concen: 512.563 ug/l

RT: 3.075 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

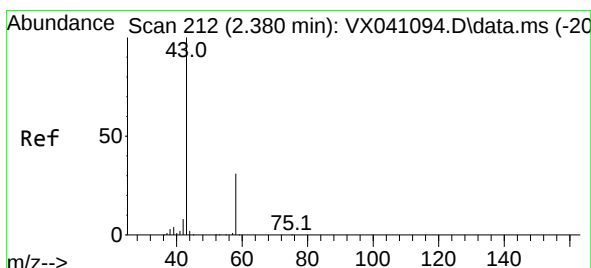
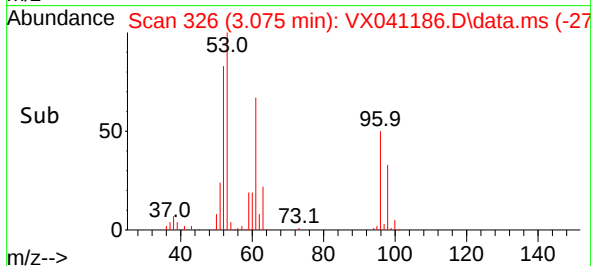
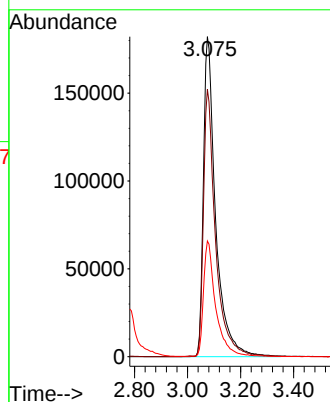
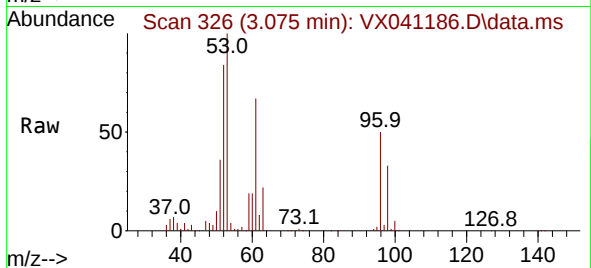
Tgt Ion: 53 Resp: 585740
 Ion Ratio Lower Upper
 53 100
 52 82.5 66.0 99.0
 51 36.0 29.8 44.6

Manual Integrations

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Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#16

Acetone

Concen: 500.937 ug/l

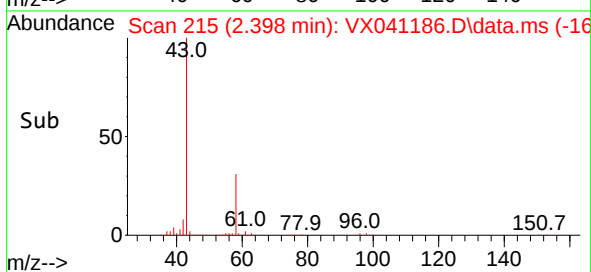
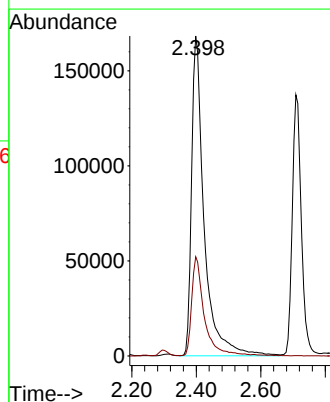
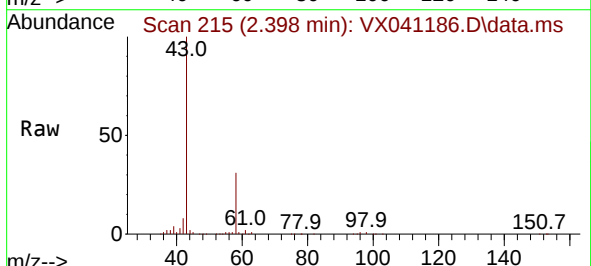
RT: 2.398 min Scan# 215

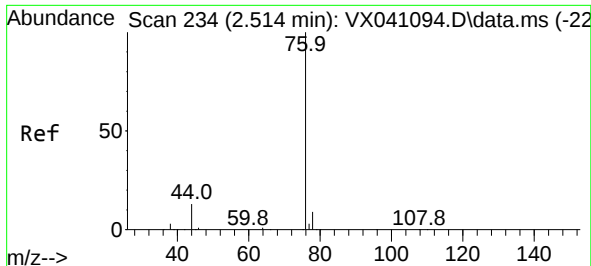
Delta R.T. 0.000 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

Tgt Ion: 43 Resp: 455179
 Ion Ratio Lower Upper
 43 100
 58 30.9 21.9 32.9





#17

Carbon Disulfide

Concen: 111.456 ug/l

RT: 2.496 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 444969

Ion Ratio Lower Upper

76 100

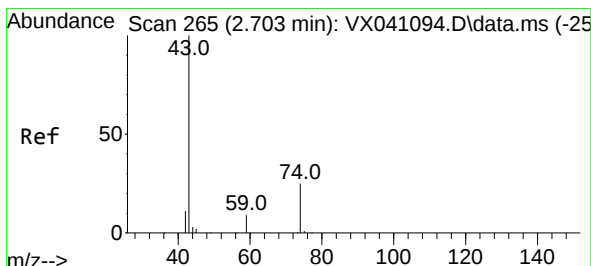
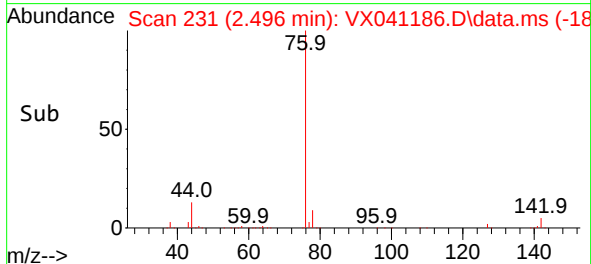
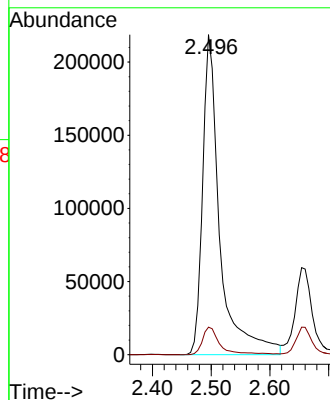
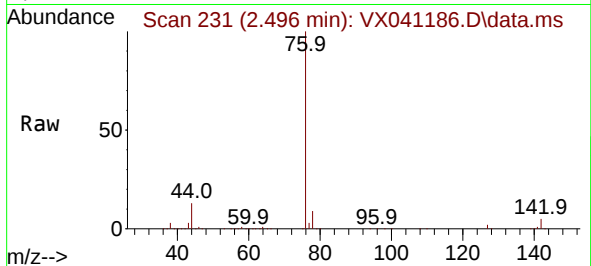
78 8.6 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#18

Methyl Acetate

Concen: 97.730 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX041186.D

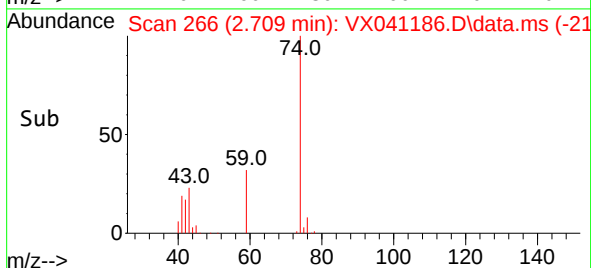
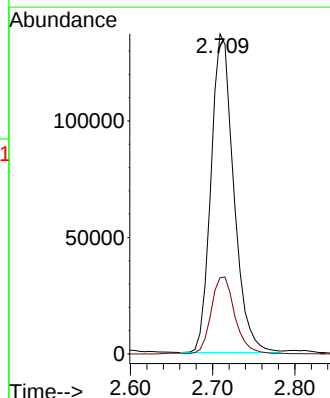
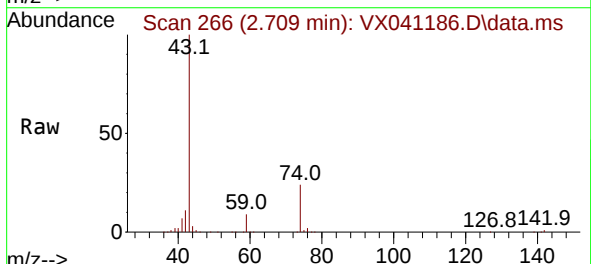
Acq: 22 Apr 2024 12:29

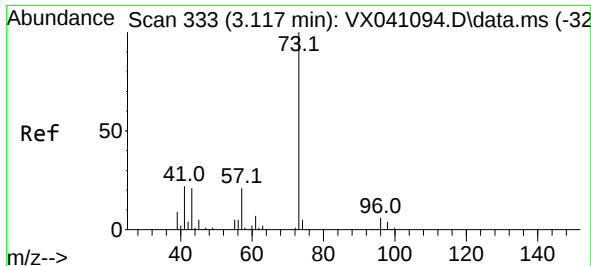
Tgt Ion: 43 Resp: 262692

Ion Ratio Lower Upper

43 100

74 25.4 17.8 26.8





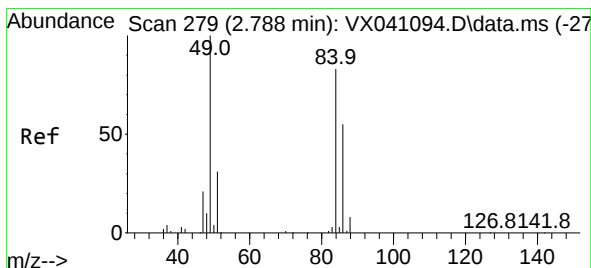
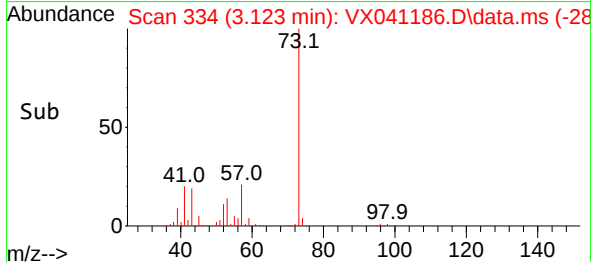
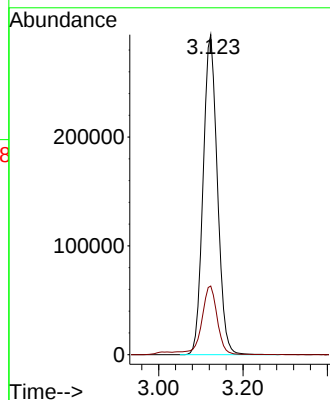
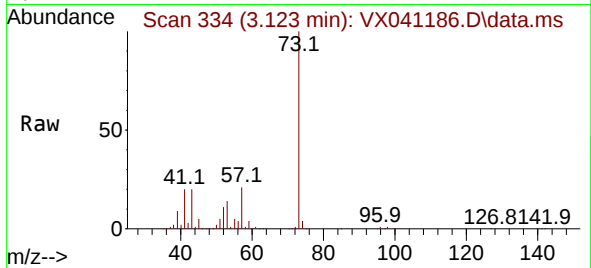
#19
Methyl tert-butyl Ether
Concen: 101.101 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 690730
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9

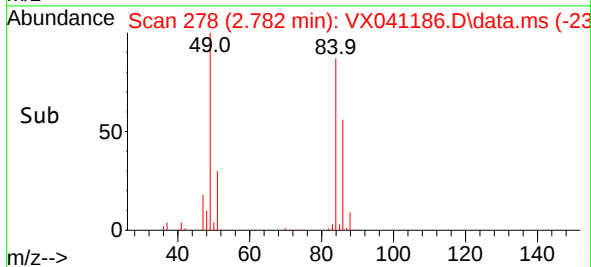
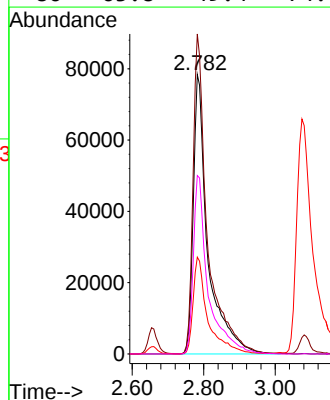
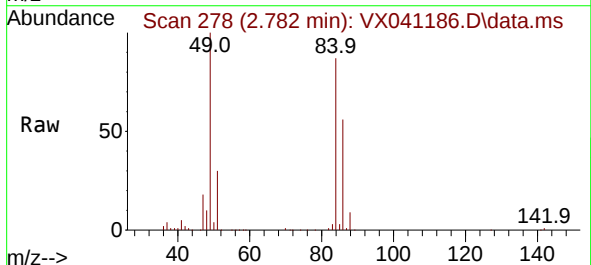
Manual Integrations
APPROVED

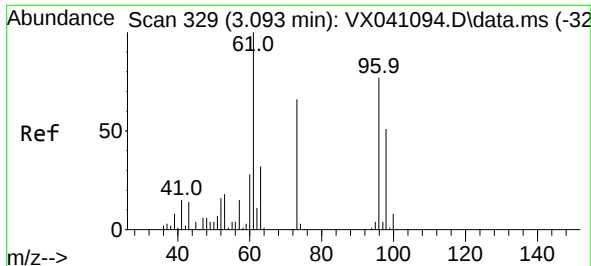
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#20
Methylene Chloride
Concen: 100.041 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29

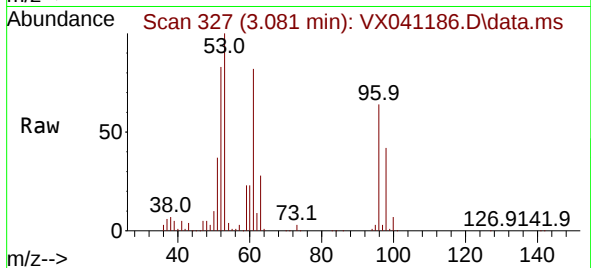
Tgt Ion: 84 Resp: 222010
Ion Ratio Lower Upper
84 100
49 114.4 103.6 155.4
51 34.6 33.8 50.6
86 63.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 100.827 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29

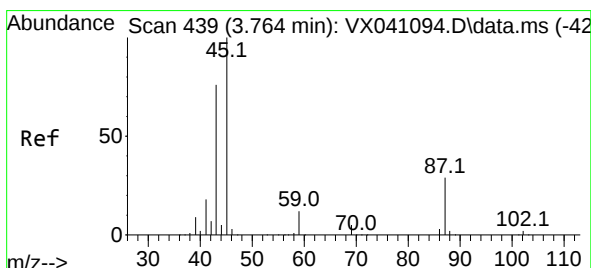
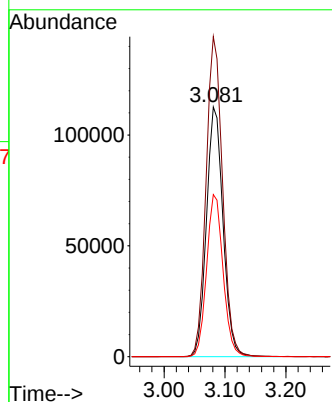
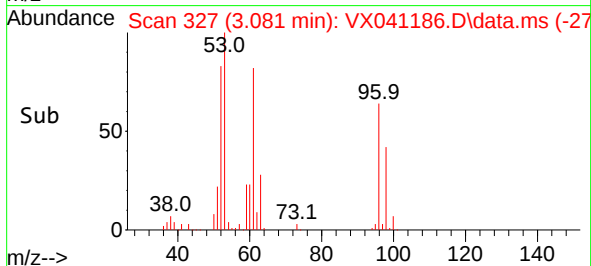
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



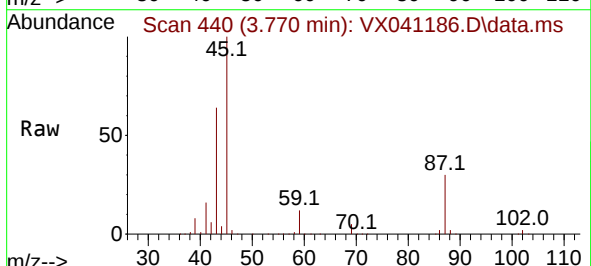
Tgt Ion: 96 Resp: 212945
Ion Ratio Lower Upper
96 100
61 128.0 119.2 178.8
98 64.9 48.7 73.1

Manual Integrations
APPROVED

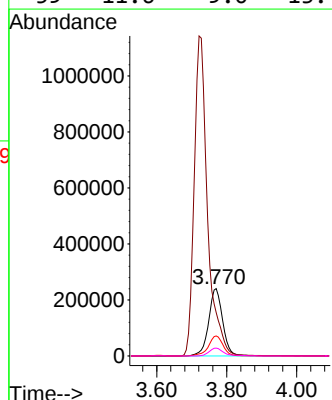
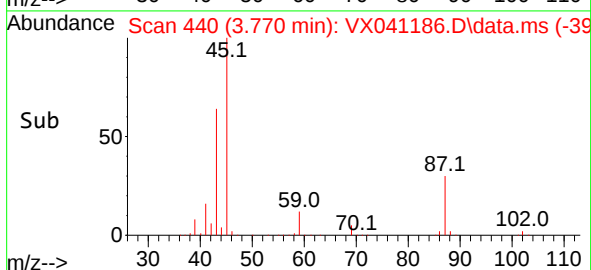
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

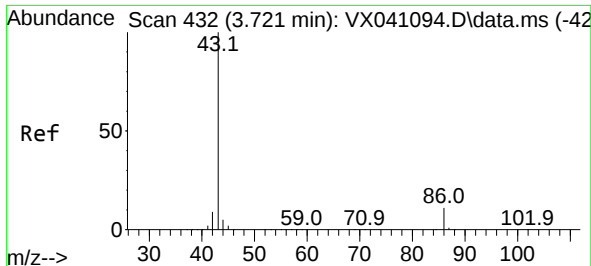


#22
Diisopropyl ether
Concen: 99.811 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29



Tgt Ion: 45 Resp: 669987
Ion Ratio Lower Upper
45 100
43 64.4 69.7 104.5#
87 29.8 20.8 31.2
59 11.6 9.0 13.4





#23

Vinyl Acetate

Concen: 526.209 ug/l

RT: 3.721 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 302178

Ion Ratio Lower Upper

43 100

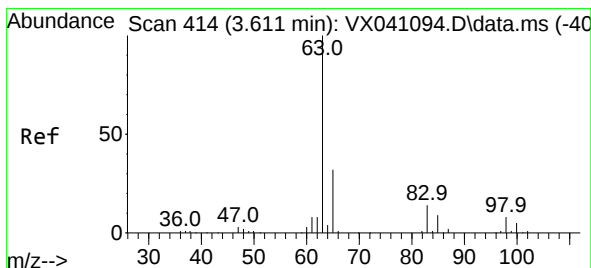
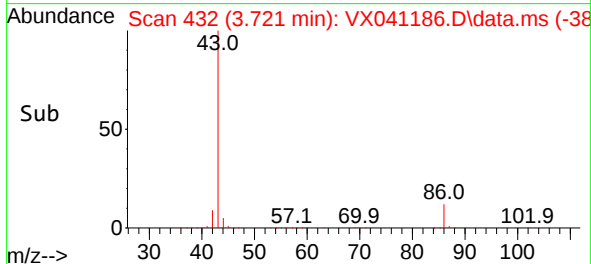
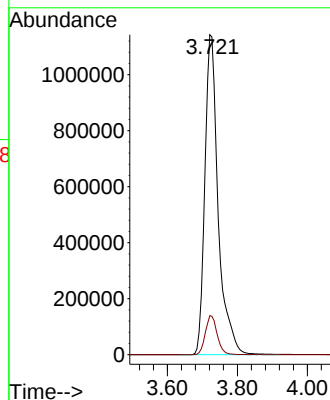
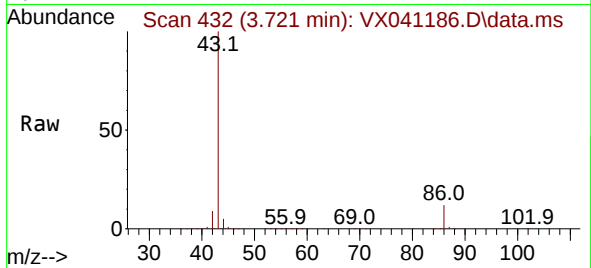
86 12.2 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#24

1,1-Dichloroethane

Concen: 101.845 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

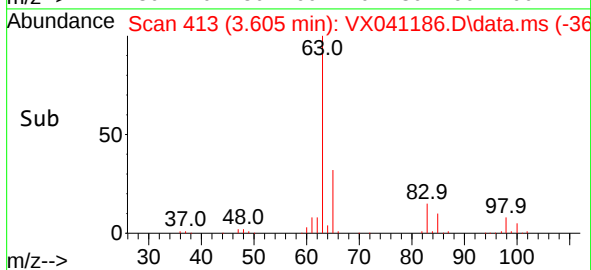
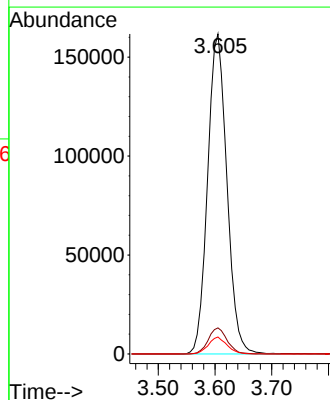
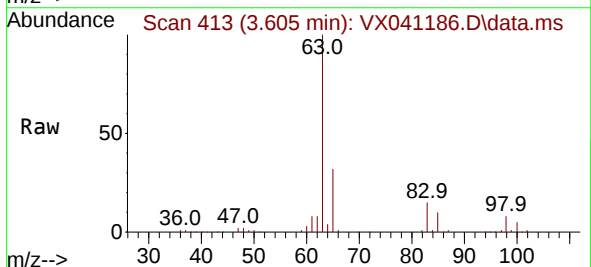
Tgt Ion: 63 Resp: 382154

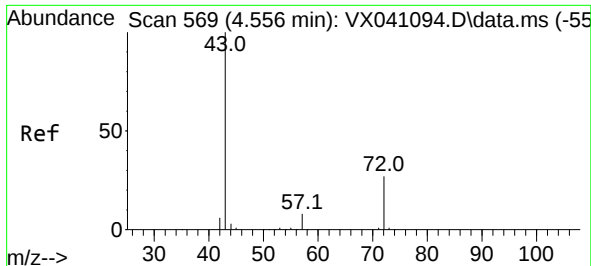
Ion Ratio Lower Upper

63 100

98 8.2 3.3 9.8

100 5.3 2.1 6.5





#25

2-Butanone

Concen: 494.221 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 76693

Ion Ratio Lower Upper

43 100

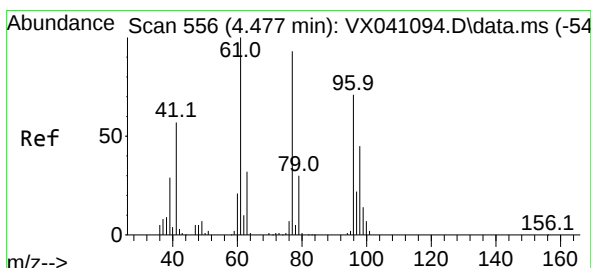
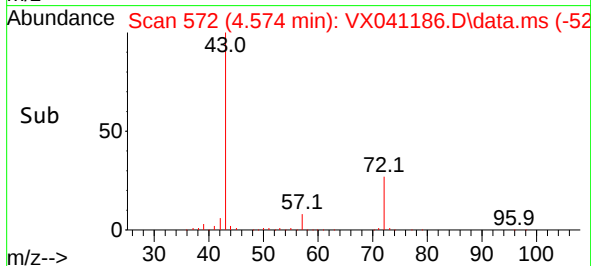
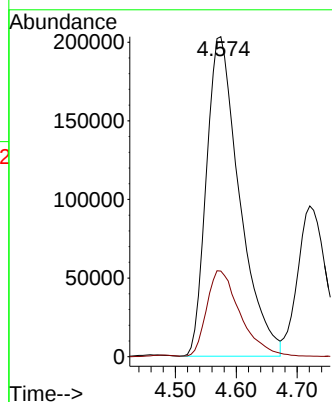
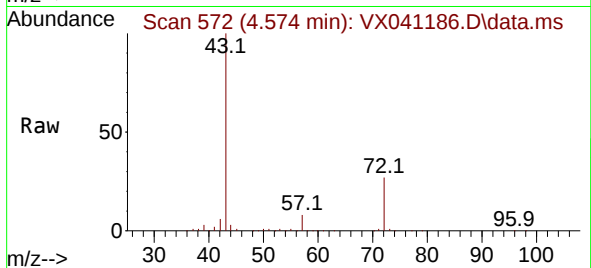
72 26.6 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#26

2,2-Dichloropropane

Concen: 104.334 ug/l

RT: 4.471 min Scan# 555

Delta R.T. 0.000 min

Lab File: VX041186.D

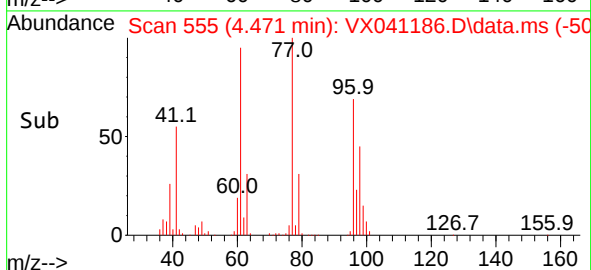
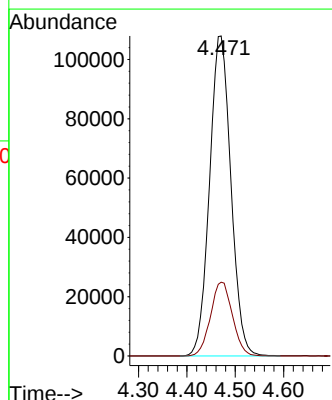
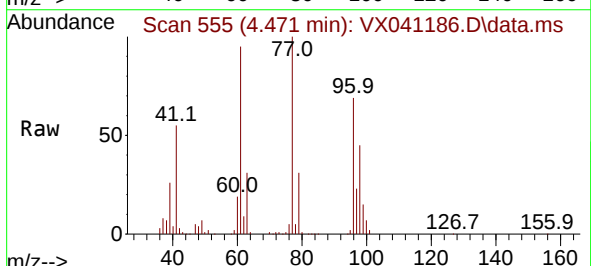
Acq: 22 Apr 2024 12:29

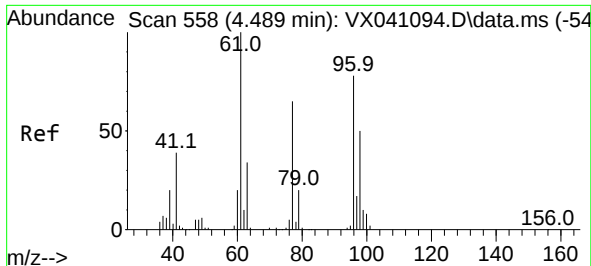
Tgt Ion: 77 Resp: 330874

Ion Ratio Lower Upper

77 100

97 23.7 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 100.440 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 96 Resp: 262920

Ion Ratio Lower Upper

96 100

61 134.5 0.0 312.2

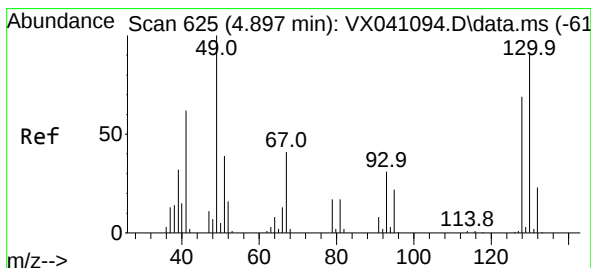
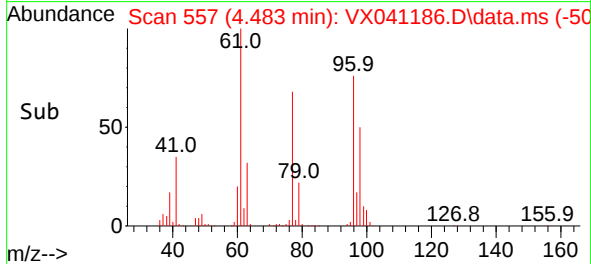
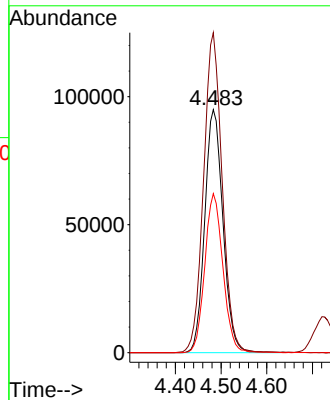
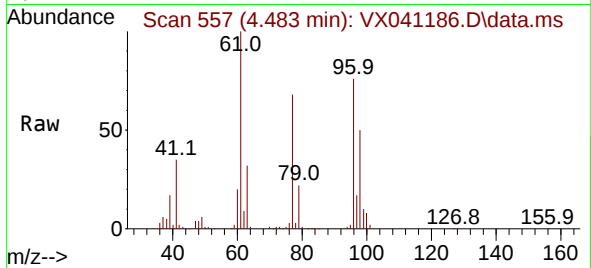
98 65.2 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#28

Bromochloromethane

Concen: 90.593 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.000 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

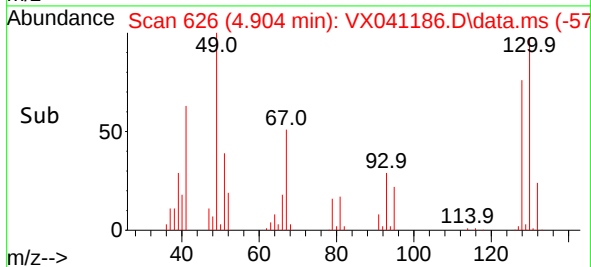
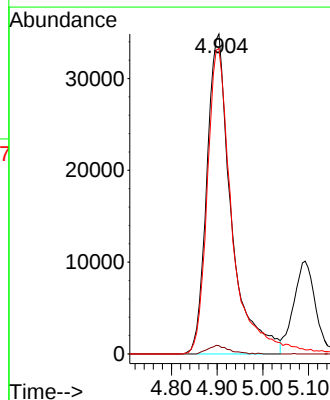
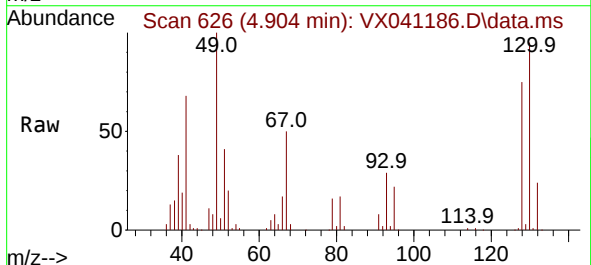
Tgt Ion: 49 Resp: 129000

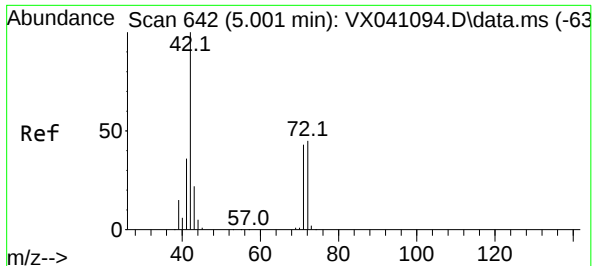
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

130 98.7 57.5 86.3#





#29

Tetrahydrofuran

Concen: 491.707 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 51982

Ion Ratio Lower Upper

42 100

72 47.4 34.2 51.4

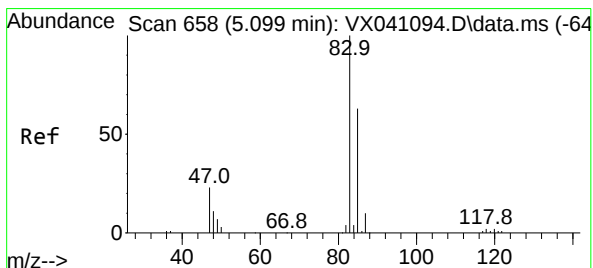
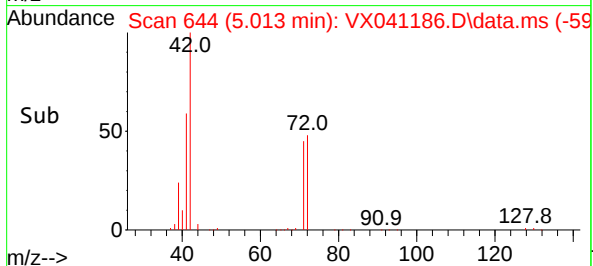
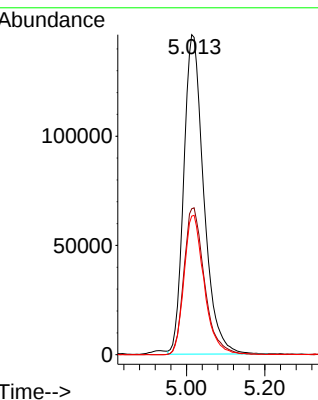
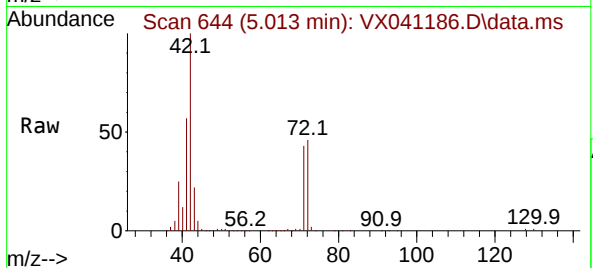
71 43.9 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#30

Chloroform

Concen: 100.222 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX041186.D

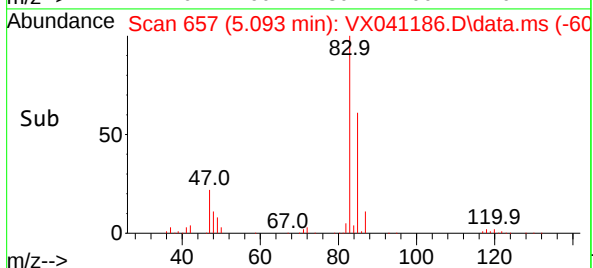
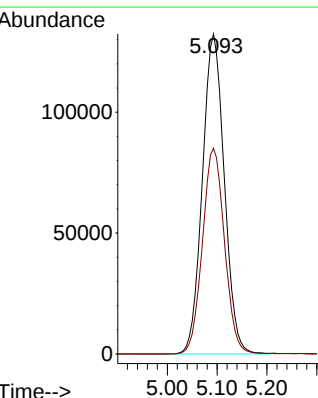
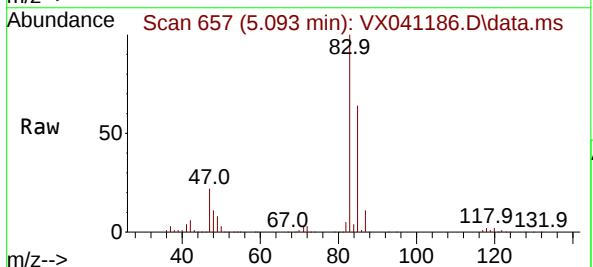
Acq: 22 Apr 2024 12:29

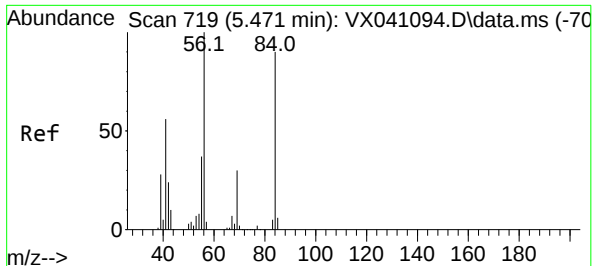
Tgt Ion: 83 Resp: 403644

Ion Ratio Lower Upper

83 100

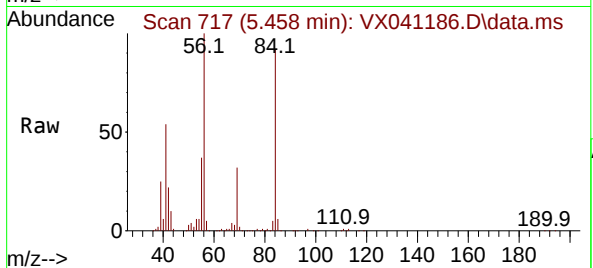
85 64.3 50.3 75.5





#31
Cyclohexane
Concen: 98.399 ug/l
RT: 5.458 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29

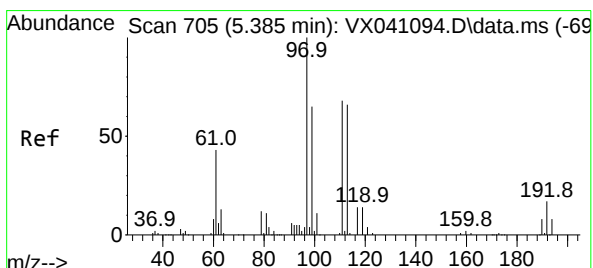
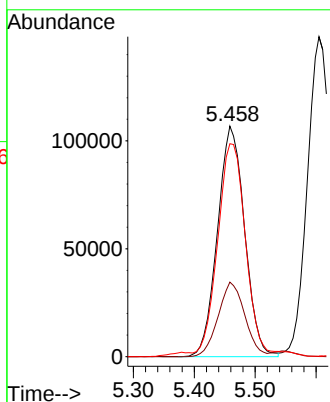
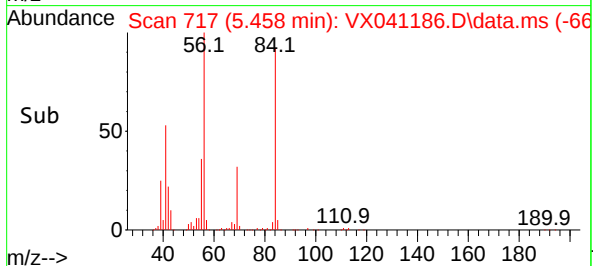
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 56 Resp: 330592
Ion Ratio Lower Upper
56 100
69 32.4 23.4 35.2
84 90.7 65.9 98.9

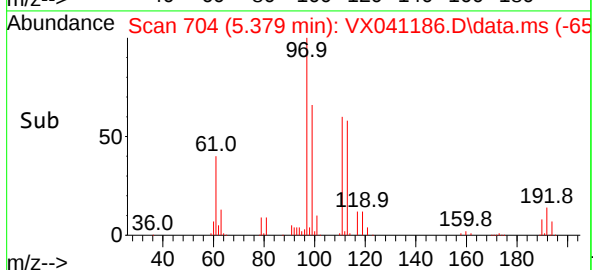
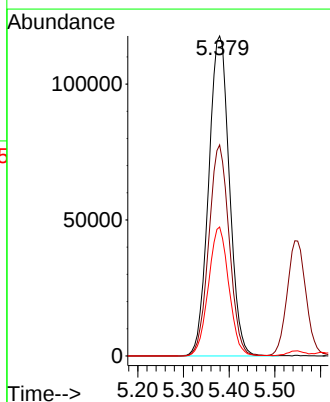
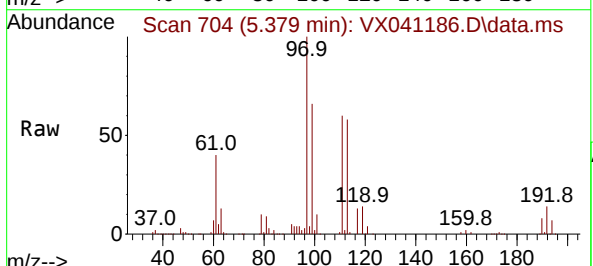
Manual Integrations
APPROVED

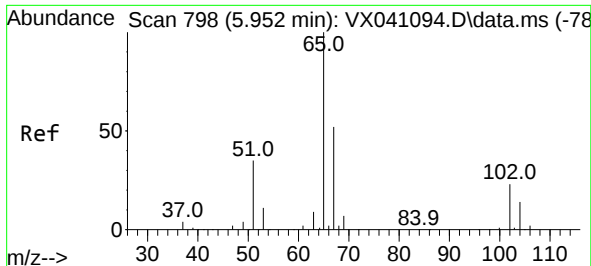
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#32
1,1,1-Trichloroethane
Concen: 102.690 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29

Tgt Ion: 97 Resp: 370754
Ion Ratio Lower Upper
97 100
99 64.9 51.1 76.7
61 39.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 95.031 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 23722

Ion Ratio Lower Upper

65 100

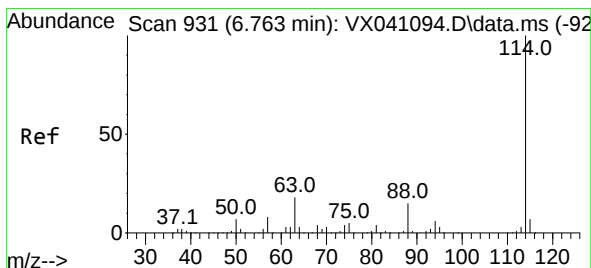
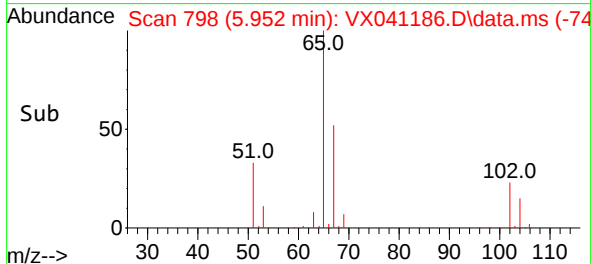
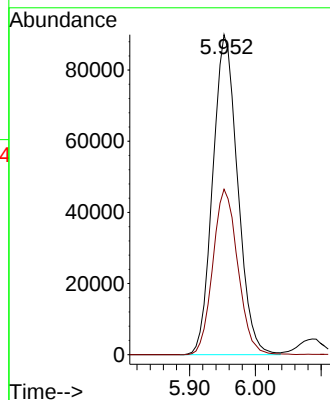
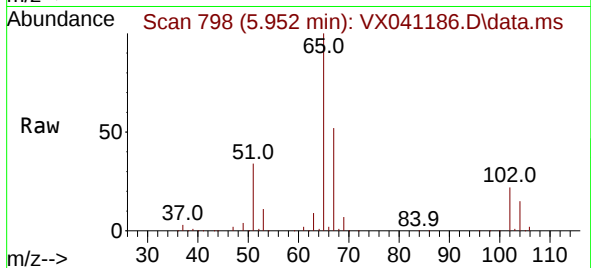
67 51.8 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

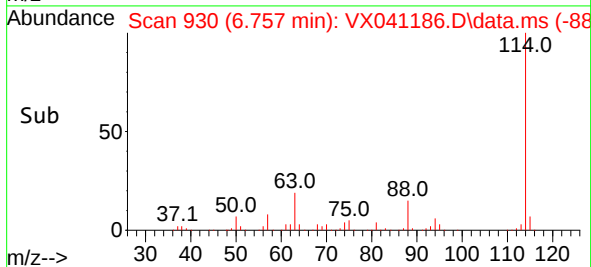
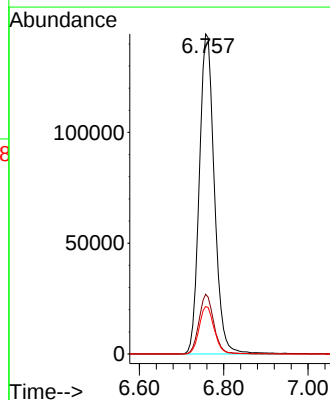
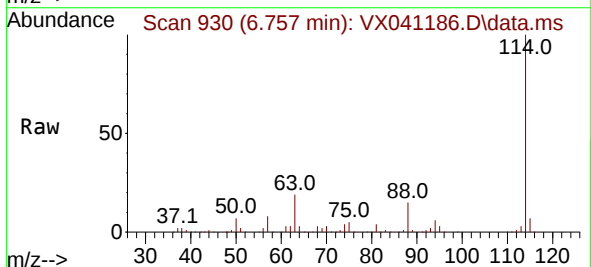
Tgt Ion:114 Resp: 359771

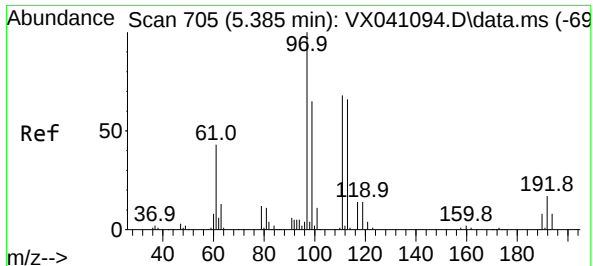
Ion Ratio Lower Upper

114 100

63 18.7 0.0 45.0

88 14.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 96.660 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:113 Resp: 211530

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

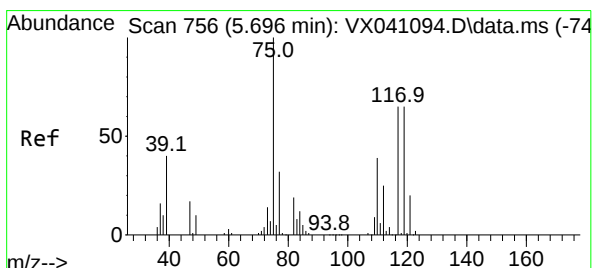
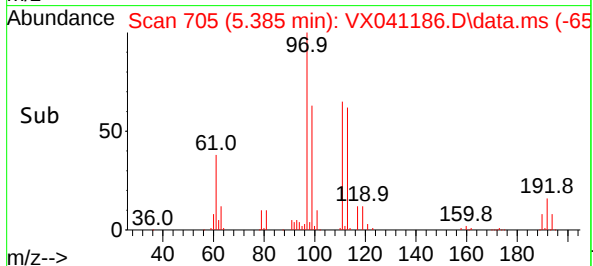
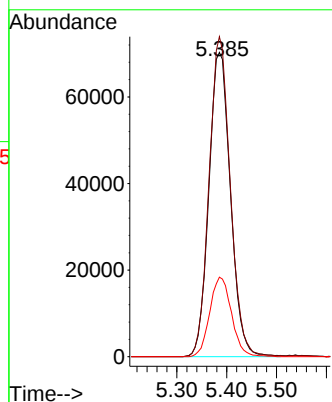
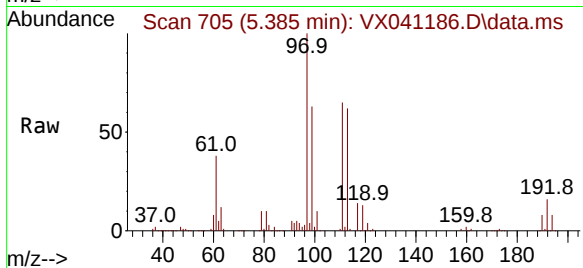
192 26.3 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#36

1,1-Dichloropropene

Concen: 98.304 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

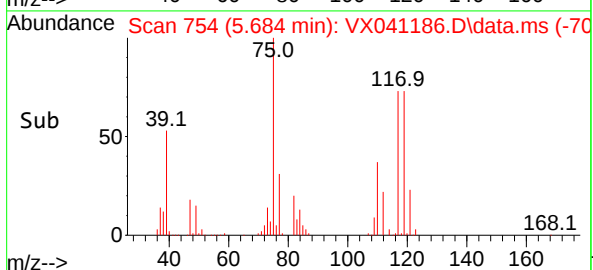
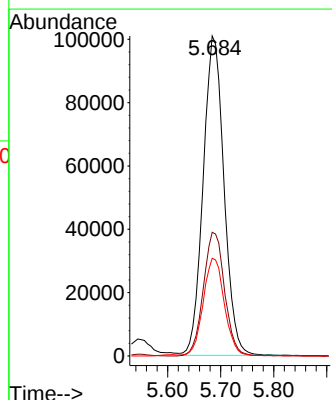
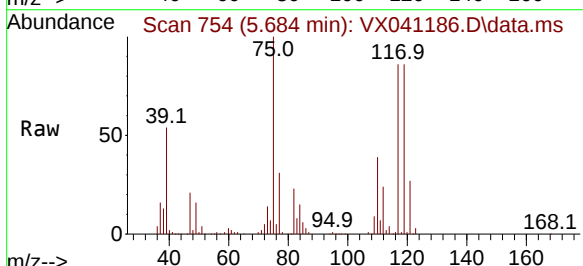
Tgt Ion: 75 Resp: 275264

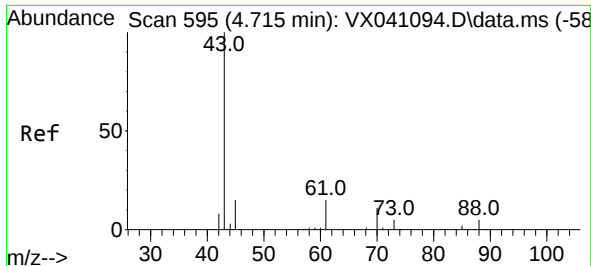
Ion Ratio Lower Upper

75 100

110 39.4 17.0 50.9

77 31.3 24.7 37.1





#37

Ethyl Acetate

Concen: 104.328 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

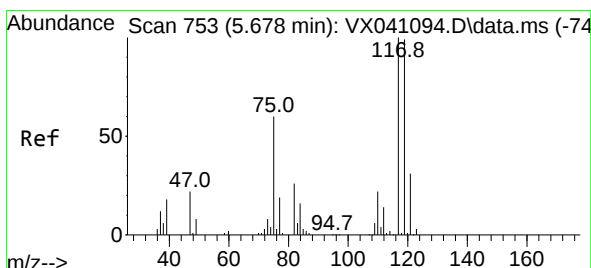
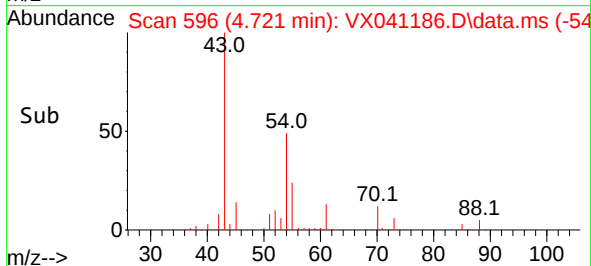
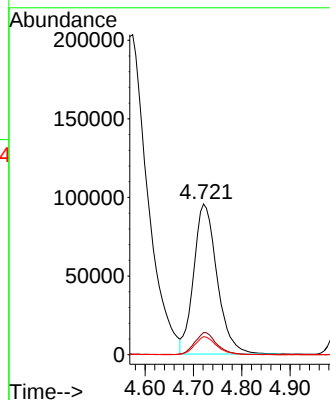
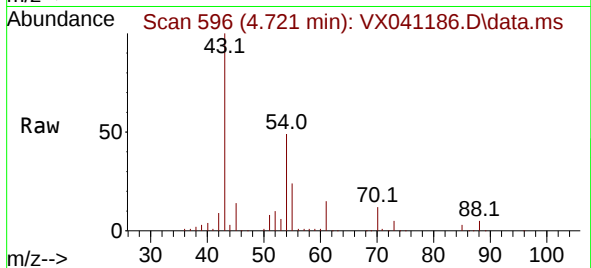
Tgt Ion: 43 Resp: 320514
 Ion Ratio Lower Upper
 43 100
 61 13.8 10.6 16.0
 70 11.2 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#38

Carbon Tetrachloride

Concen: 104.781 ug/l

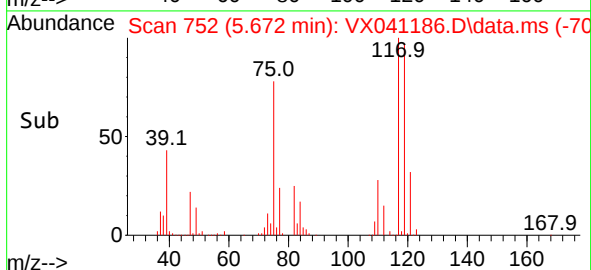
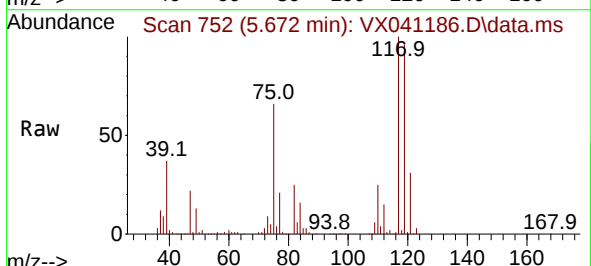
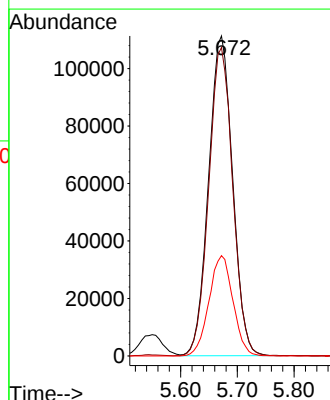
RT: 5.672 min Scan# 752

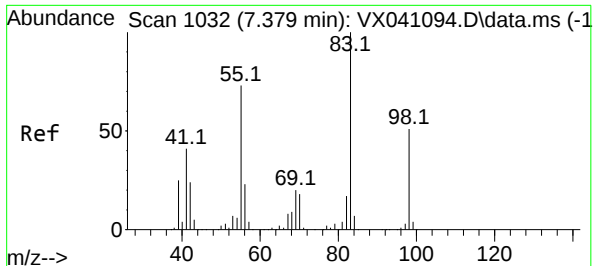
Delta R.T. 0.000 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

Tgt Ion:117 Resp: 327706
 Ion Ratio Lower Upper
 117 100
 119 96.4 78.2 117.2
 121 31.4 24.4 36.6





#39

Methylcyclohexane

Concen: 101.323 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 37632

Ion Ratio Lower Upper

83 100

55 72.9 64.6 97.0

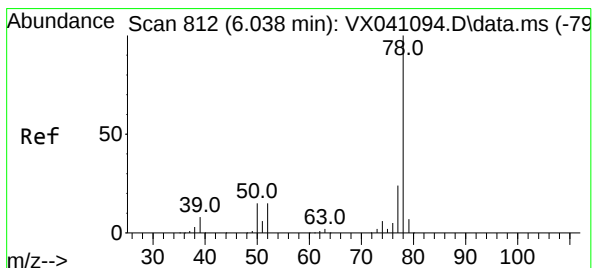
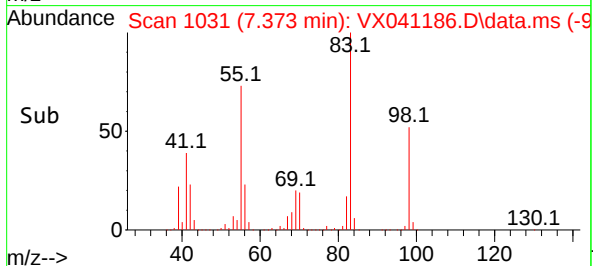
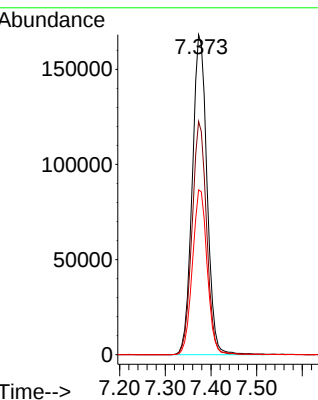
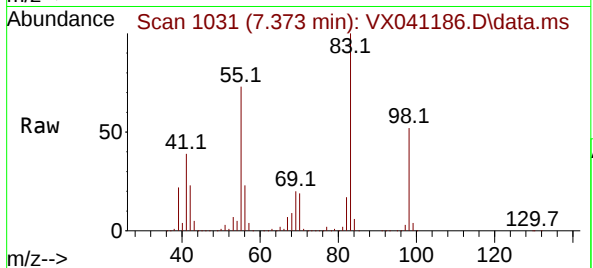
98 51.5 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#40

Benzene

Concen: 99.686 ug/l

RT: 6.032 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX041186.D

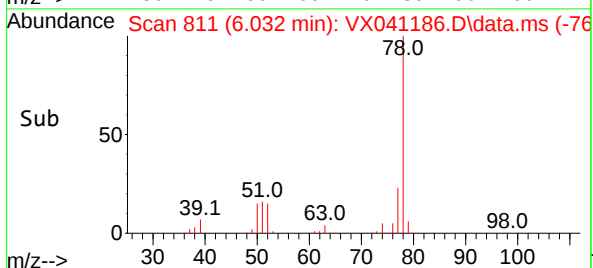
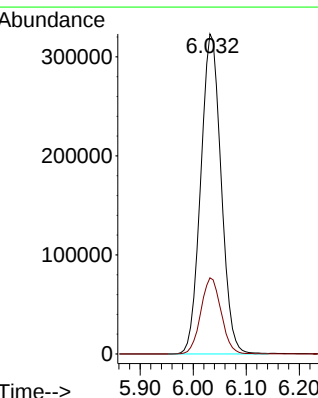
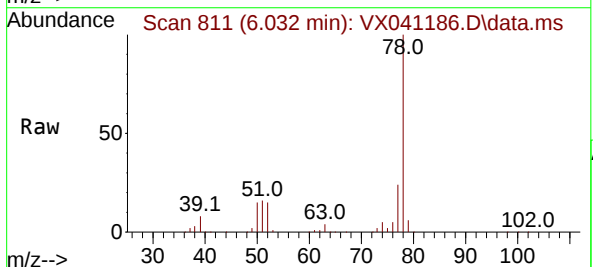
Acq: 22 Apr 2024 12:29

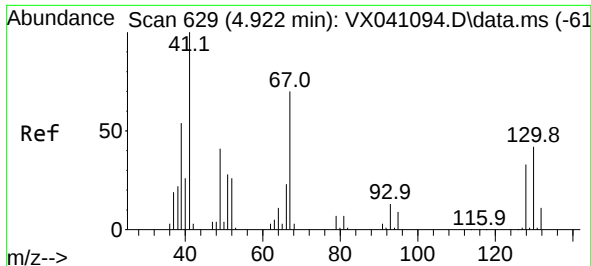
Tgt Ion: 78 Resp: 862079

Ion Ratio Lower Upper

78 100

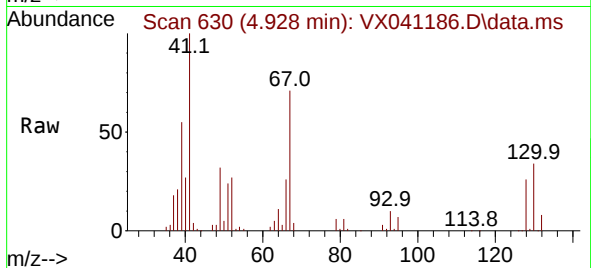
77 23.8 19.3 28.9





#41
Methacrylonitrile
Concen: 105.754 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29

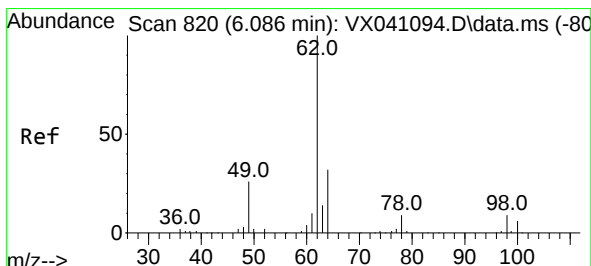
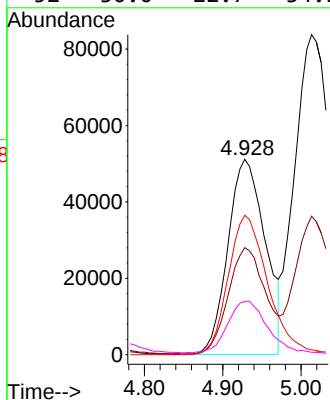
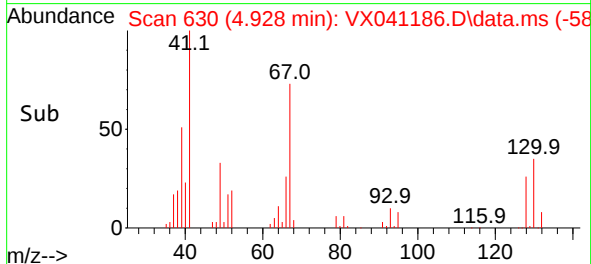
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 41 Resp: 16914
Ion Ratio Lower Upper
41 100
39 54.1 45.2 67.8
67 76.6 52.6 78.8
52 30.0 22.7 34.1

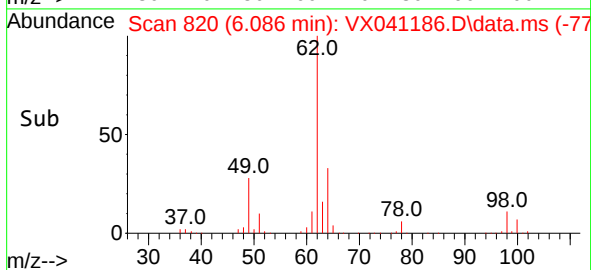
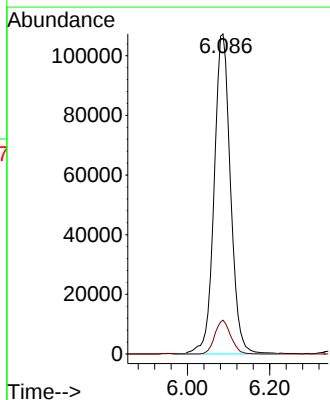
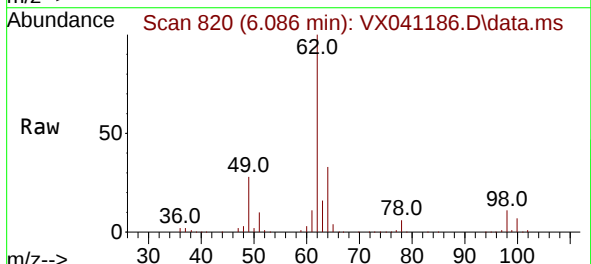
Manual Integrations
APPROVED

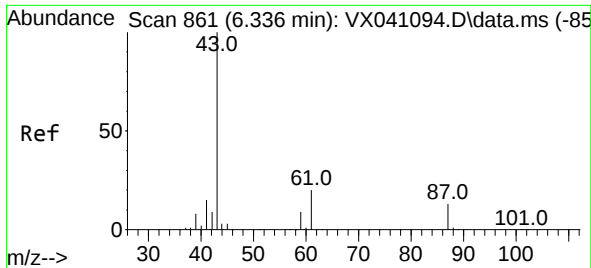
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#42
1,2-Dichloroethane
Concen: 98.983 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29

Tgt Ion: 62 Resp: 296800
Ion Ratio Lower Upper
62 100
98 10.2 0.0 16.0





#43

Isopropyl Acetate

Concen: 102.955 ug/l

RT: 6.349 min Scan# 863

Delta R.T. 0.000 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 509518

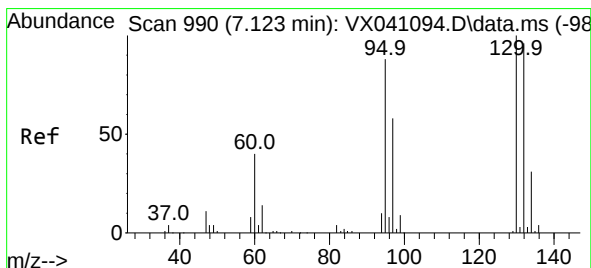
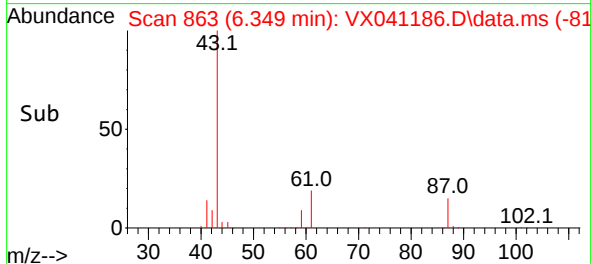
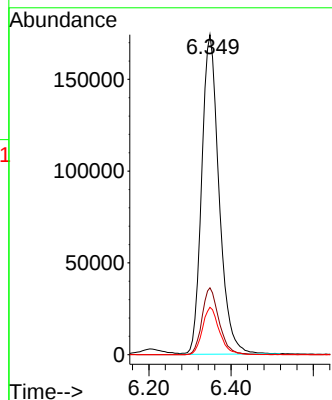
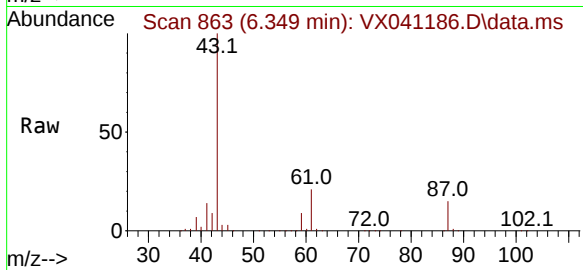
Ion	Ratio	Lower	Upper
43	100		
61	20.5	15.2	22.8
87	14.5	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#44

Trichloroethene

Concen: 100.776 ug/l

RT: 7.123 min Scan# 990

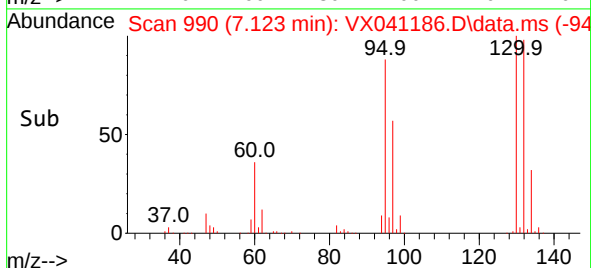
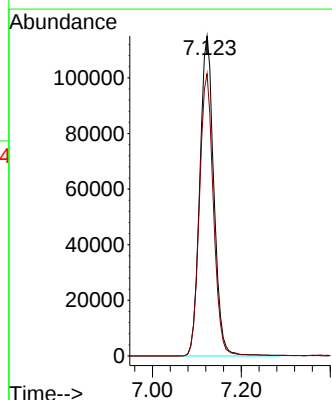
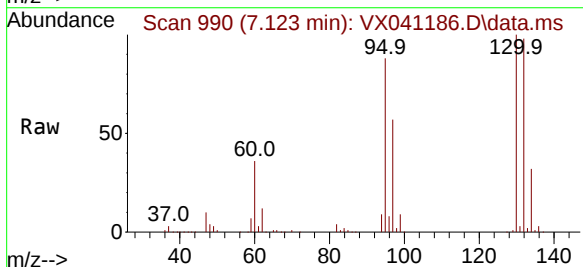
Delta R.T. 0.000 min

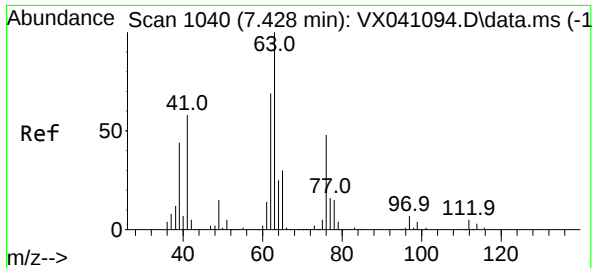
Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

Tgt Ion:130 Resp: 253377

Ion	Ratio	Lower	Upper
130	100		
95	88.2	0.0	204.4





#45

1,2-Dichloropropane

Concen: 99.845 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 207029

Ion Ratio Lower Upper

63 100

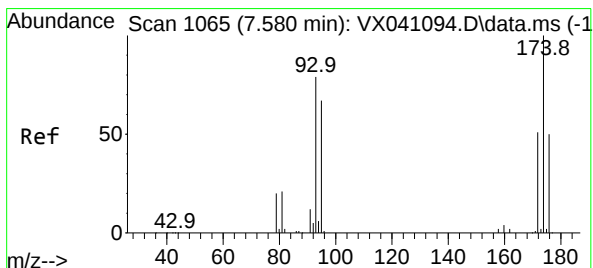
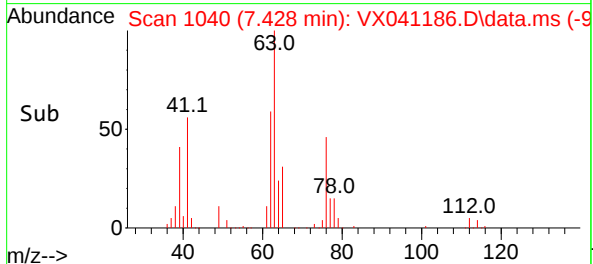
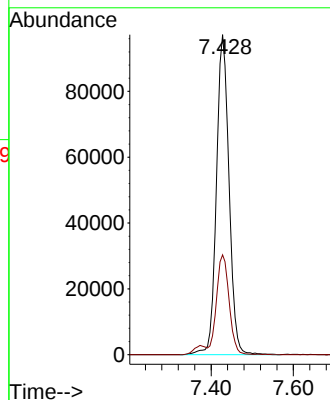
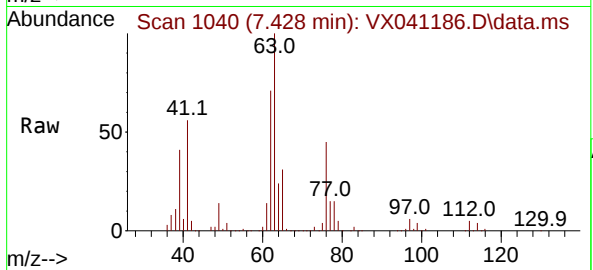
65 31.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#46

Dibromomethane

Concen: 101.544 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

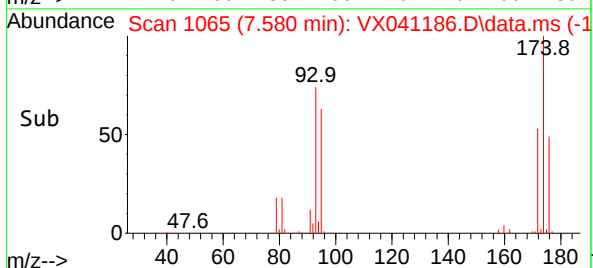
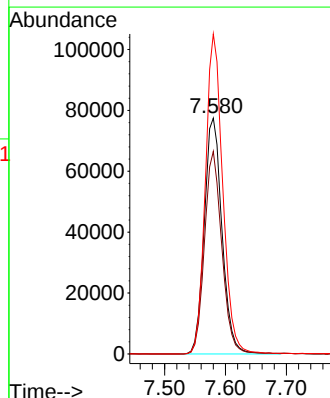
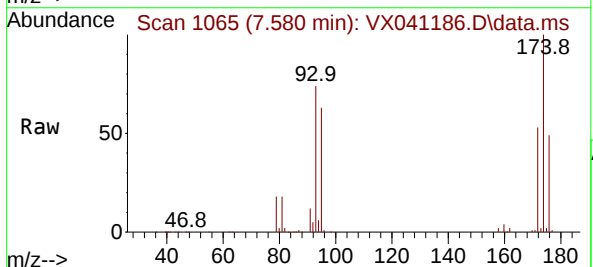
Tgt Ion: 93 Resp: 157002

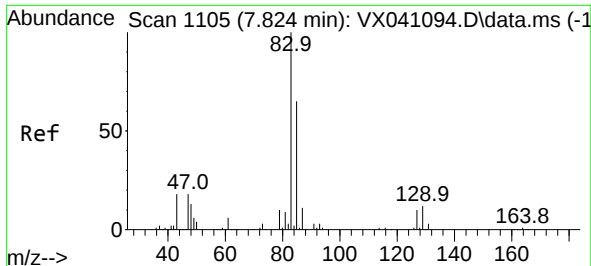
Ion Ratio Lower Upper

93 100

95 83.8 66.6 100.0

174 132.3 69.4 104.0#





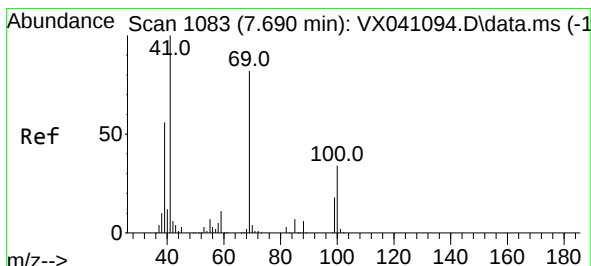
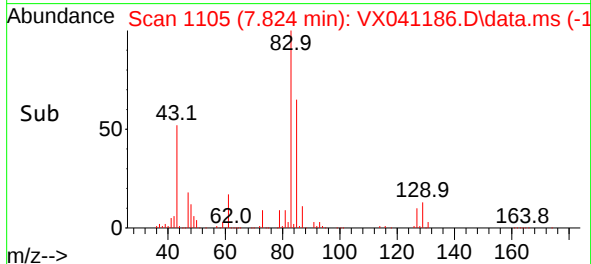
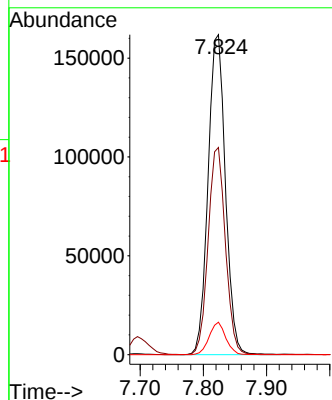
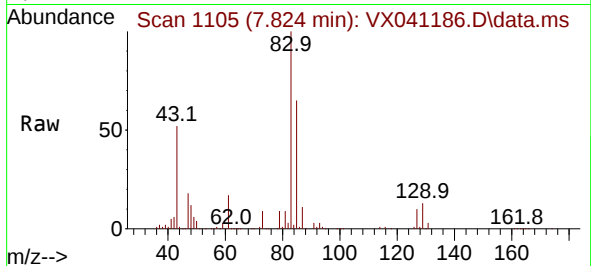
#47
Bromodichloromethane
Concen: 108.411 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 30896
Ion Ratio Lower Upper
83 100
85 64.7 49.8 74.6
127 10.2 7.1 10.7

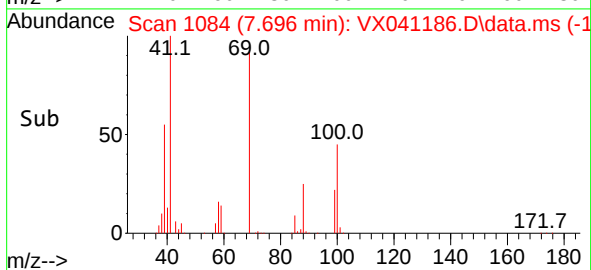
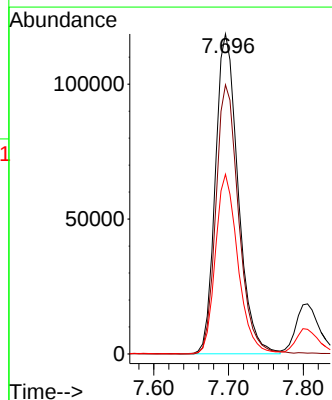
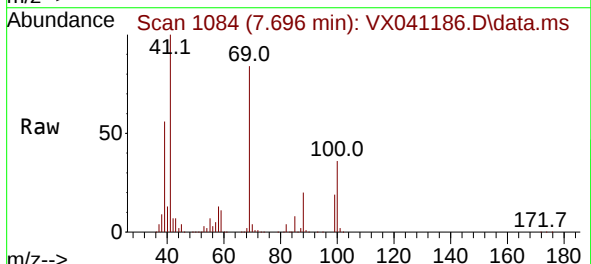
Manual Integrations
APPROVED

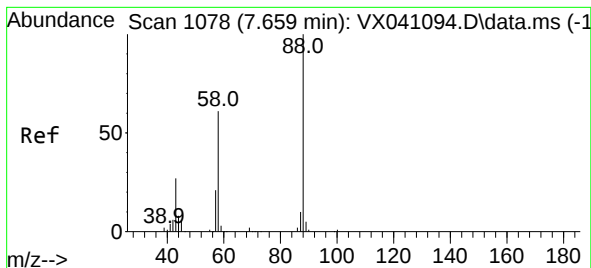
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#48
Methyl methacrylate
Concen: 107.230 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29

Tgt Ion: 41 Resp: 251002
Ion Ratio Lower Upper
41 100
69 84.0 59.2 88.8
39 55.4 47.7 71.5





#49

1,4-Dioxane

Concen: 2081.917 ug/l

RT: 7.684 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 104892

Ion Ratio Lower Upper

88 100

43 28.3 0.0 0.0

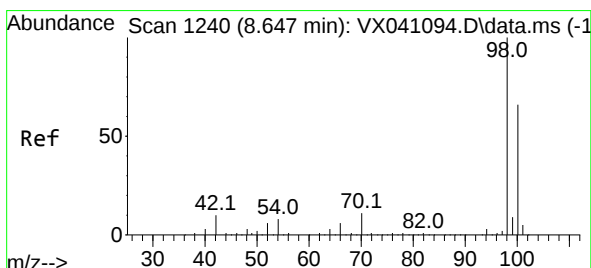
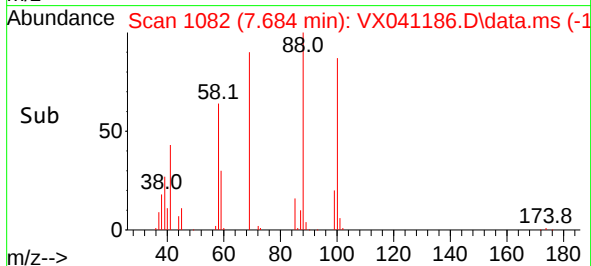
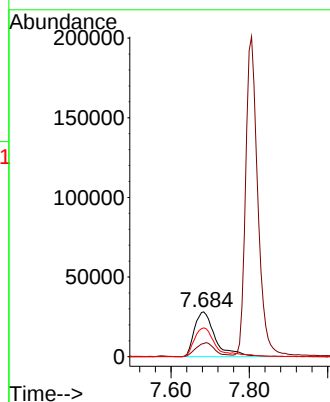
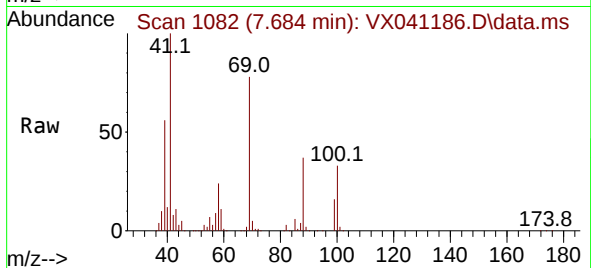
58 66.0 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#50

Toluene-d8

Concen: 99.260 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041186.D

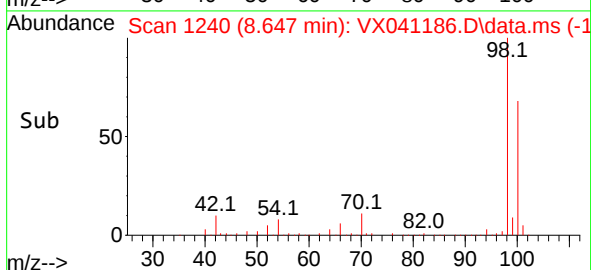
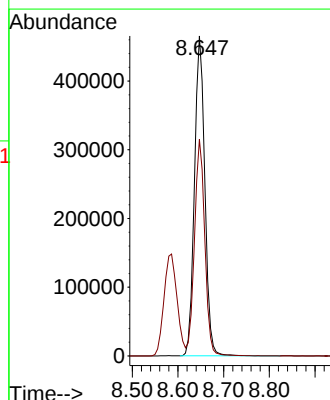
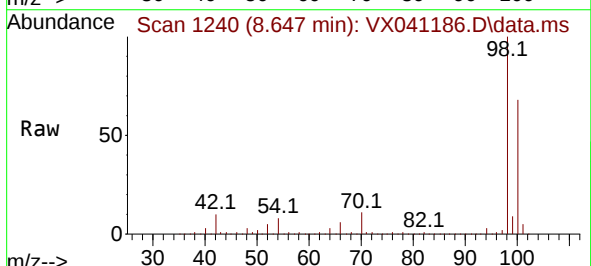
Acq: 22 Apr 2024 12:29

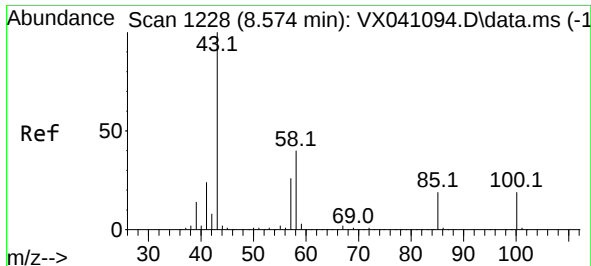
Tgt Ion: 98 Resp: 732888

Ion Ratio Lower Upper

98 100

100 67.4 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 508.044 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 157376

Ion Ratio Lower Upper

43 100

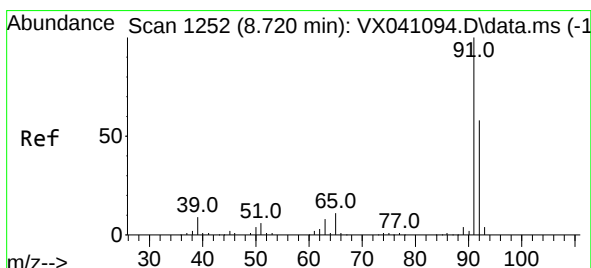
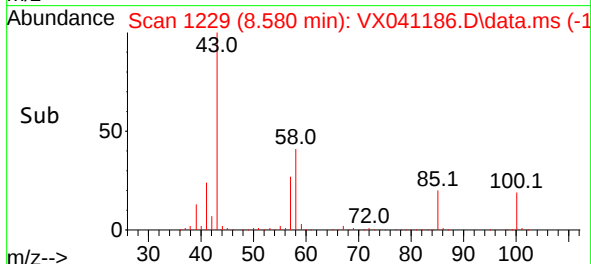
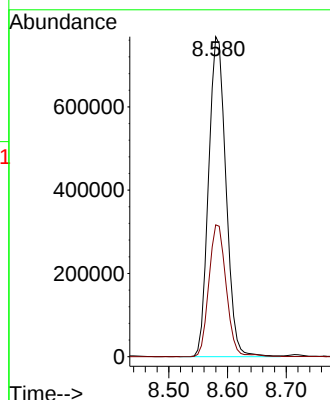
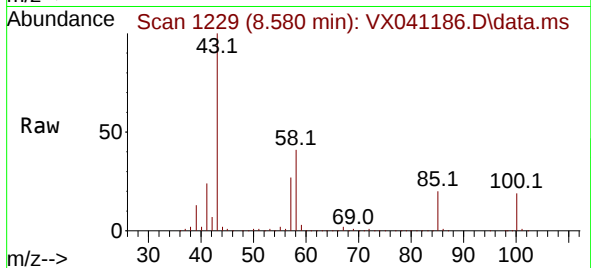
58 41.4 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#52

Toluene

Concen: 103.436 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX041186.D

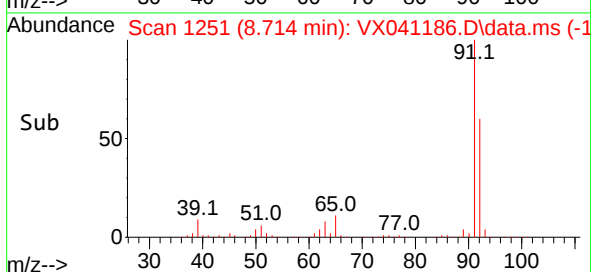
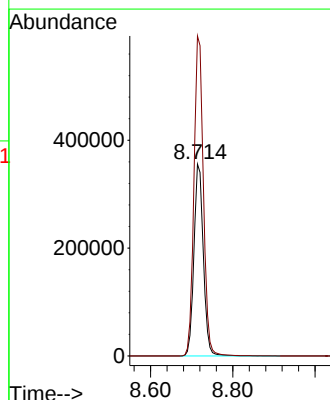
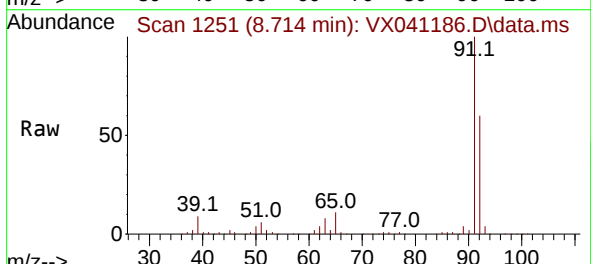
Acq: 22 Apr 2024 12:29

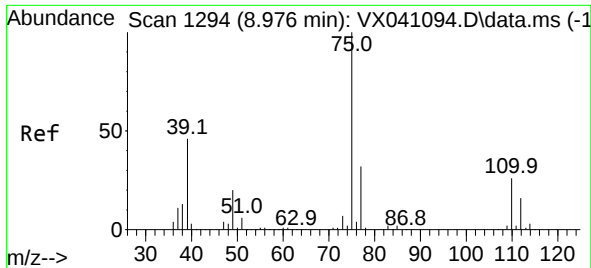
Tgt Ion: 92 Resp: 563645

Ion Ratio Lower Upper

92 100

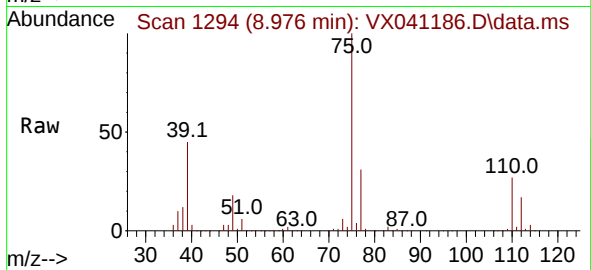
91 168.0 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 116.154 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29

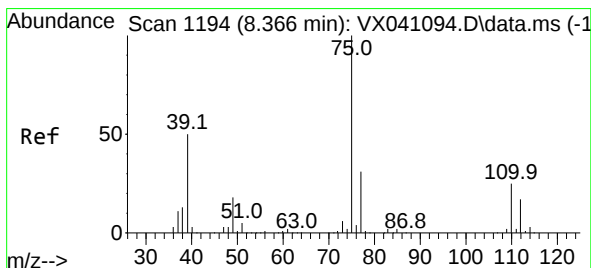
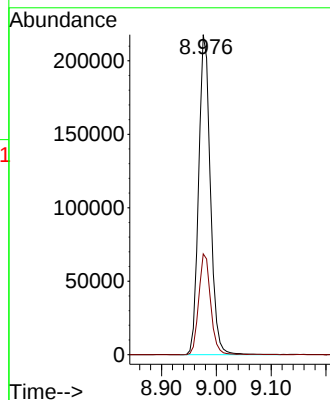
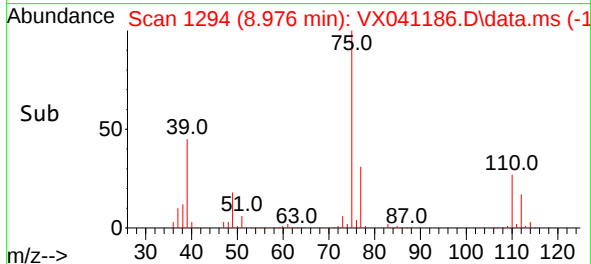
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



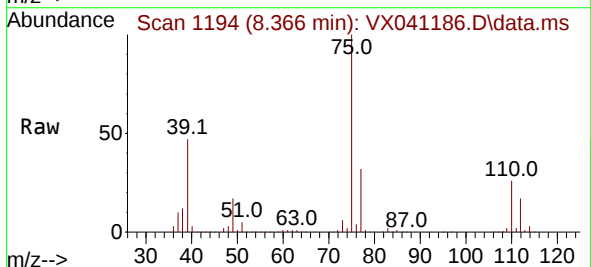
Tgt Ion: 75 Resp: 32470
Ion Ratio Lower Upper
75 100
77 31.5 25.7 38.5

Manual Integrations
APPROVED

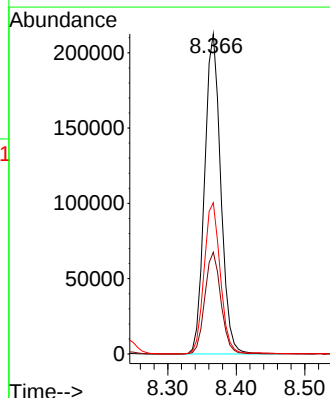
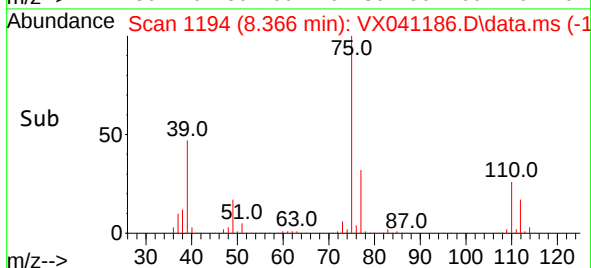
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

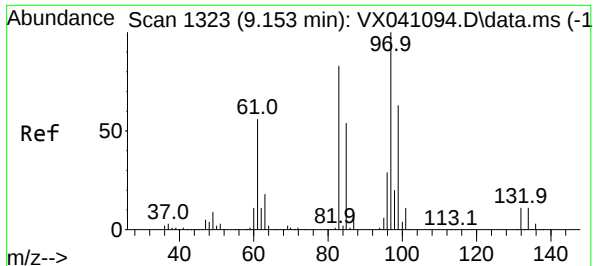


#54
cis-1,3-Dichloropropene
Concen: 109.778 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29



Tgt Ion: 75 Resp: 348868
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9
39 47.2 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 104.468 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

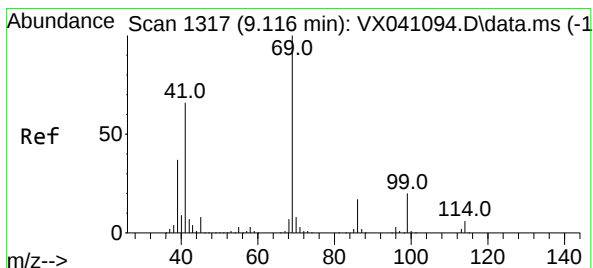
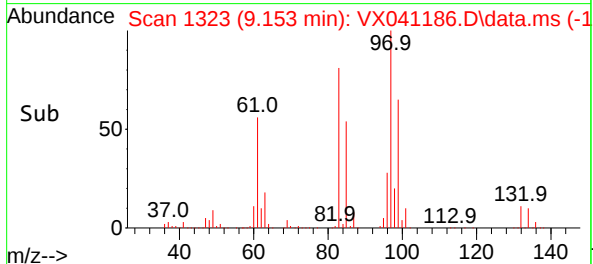
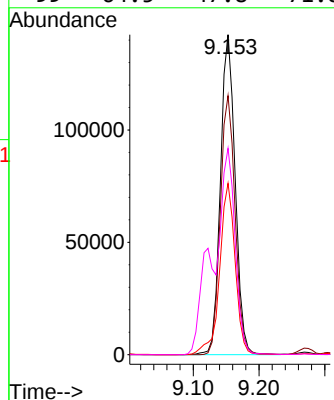
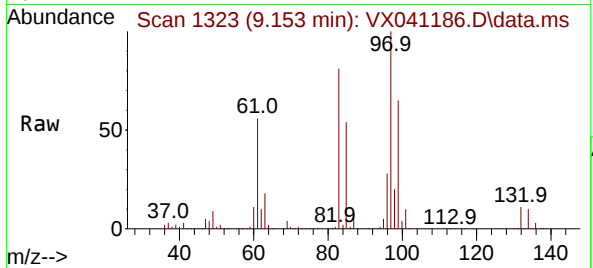
Tgt Ion: 97 Resp: 222128
Ion Ratio Lower Upper
97 100
83 80.9 65.8 98.8
85 53.5 41.6 62.4
99 64.5 47.8 71.8

Manual Integrations

APPROVED

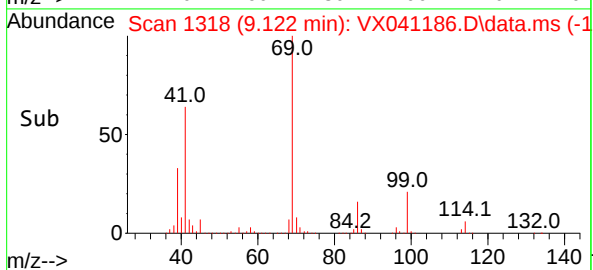
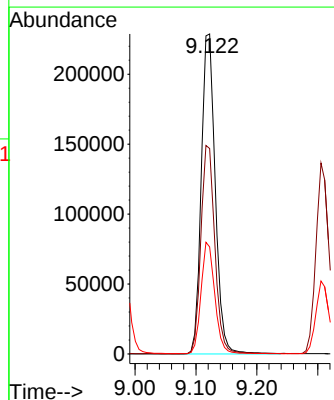
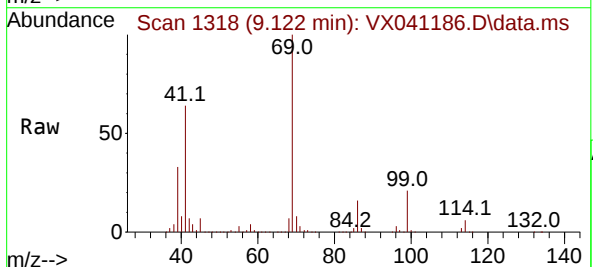
Reviewed By :John Carlone 04/23/2024

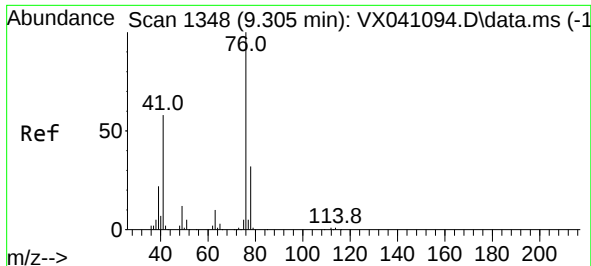
Supervised By :Mahesh Dadoda 04/23/2024



#56
Ethyl methacrylate
Concen: 112.357 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29

Tgt Ion: 69 Resp: 365225
Ion Ratio Lower Upper
69 100
41 65.1 56.8 85.2
39 34.3 32.0 48.0





#57

1,3-Dichloropropane

Concen: 102.346 ug/l

RT: 9.305 min Scan# 1117

Delta R.T. -0.006 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 360238

Ion Ratio Lower Upper

76 100

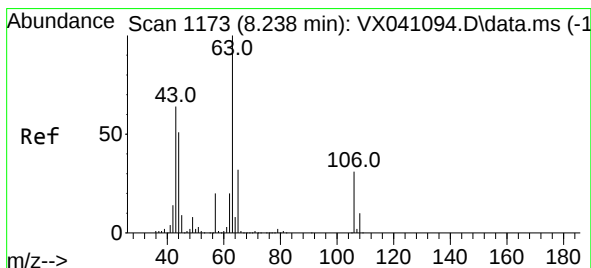
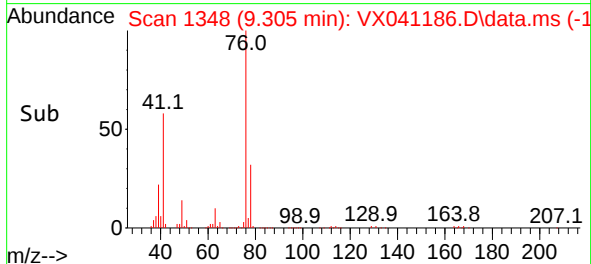
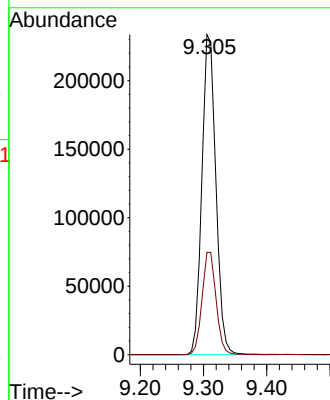
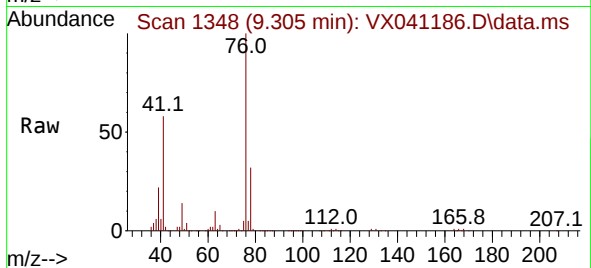
78 32.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#58

2-Chloroethyl Vinyl ether

Concen: 517.939 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX041186.D

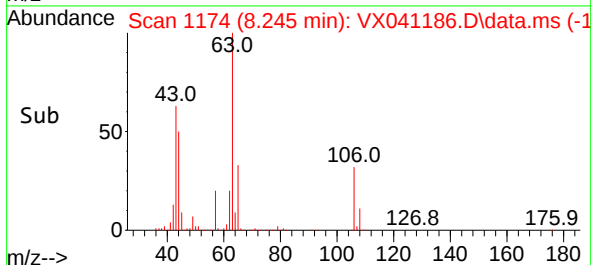
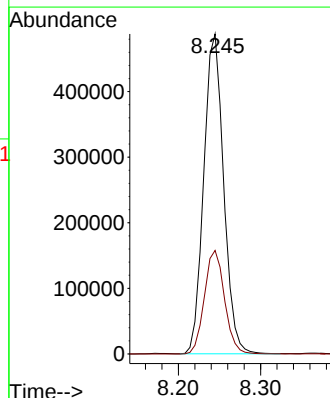
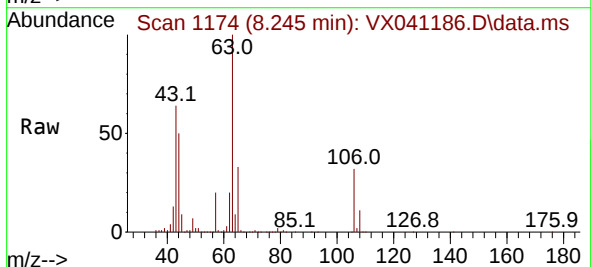
Acq: 22 Apr 2024 12:29

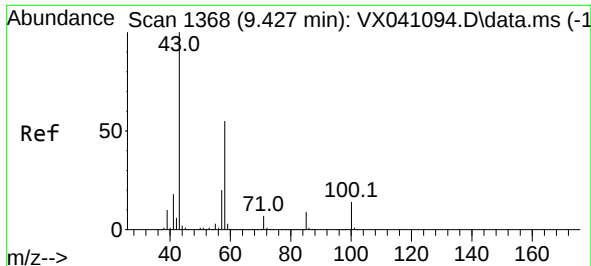
Tgt Ion: 63 Resp: 819411

Ion Ratio Lower Upper

63 100

106 32.8 22.5 33.7





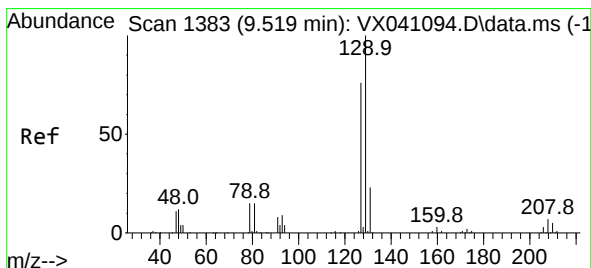
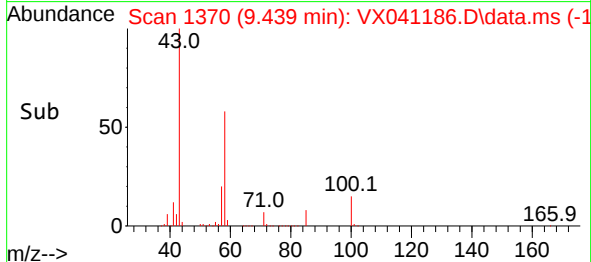
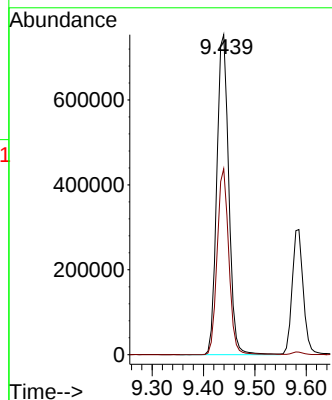
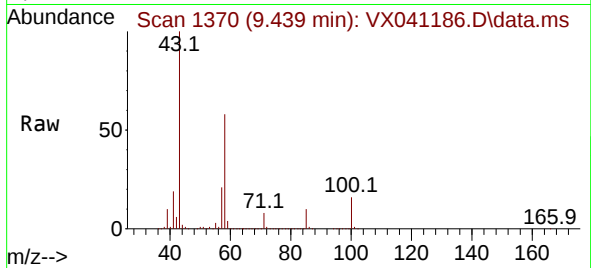
#59
2-Hexanone
Concen: 511.096 ug/l
RT: 9.439 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 1214070
Ion Ratio Lower Upper
43 100
58 56.6 26.2 78.5

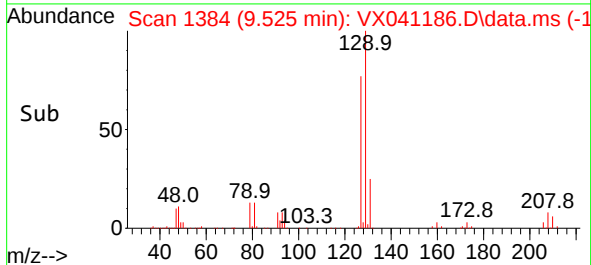
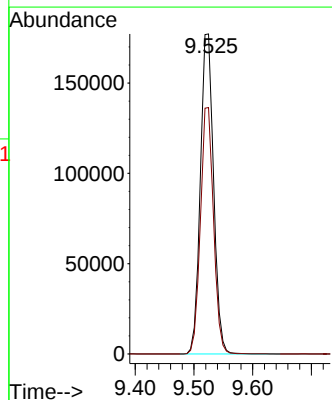
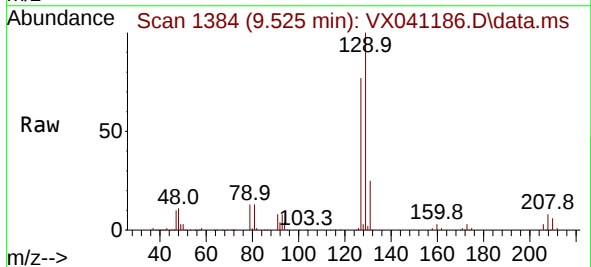
Manual Integrations
APPROVED

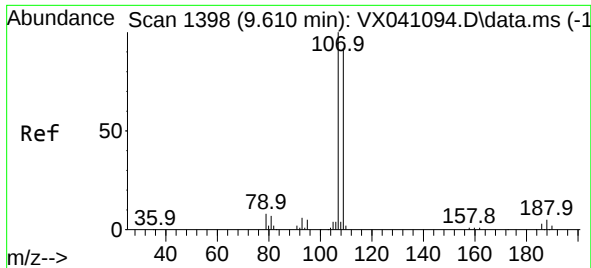
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#60
Dibromochloromethane
Concen: 112.913 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29

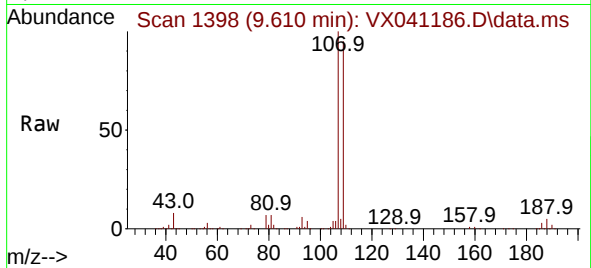
Tgt Ion:129 Resp: 277149
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 104.650 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29

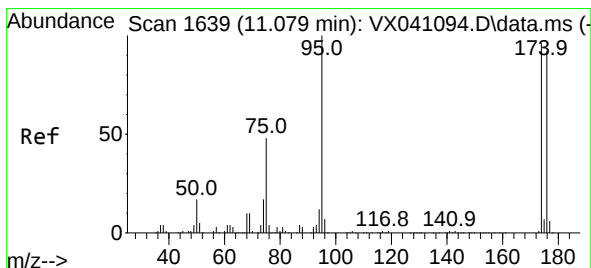
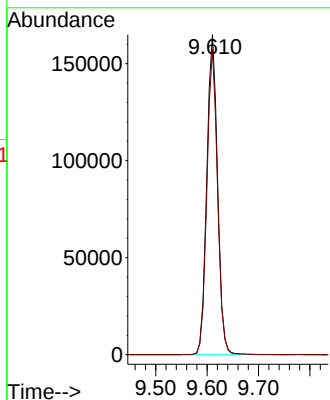
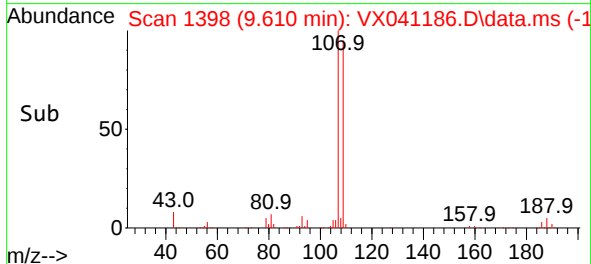
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



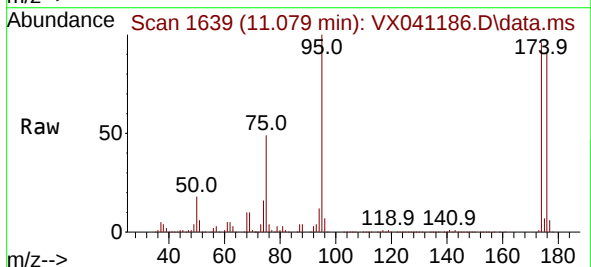
Tgt Ion:107 Resp: 238738
Ion Ratio Lower Upper
107 100
109 94.5 75.2 112.8

Manual Integrations
APPROVED

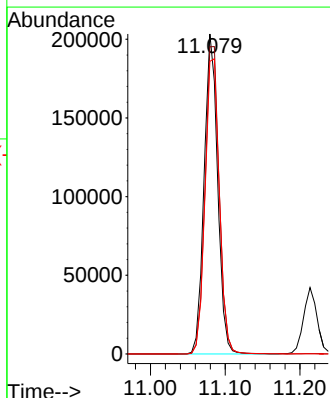
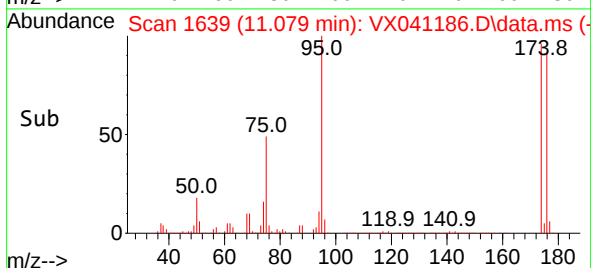
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

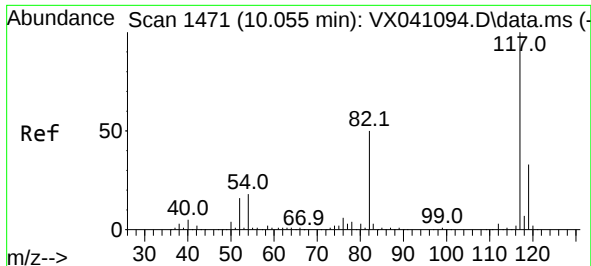


#62
4-Bromofluorobenzene
Concen: 93.669 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29



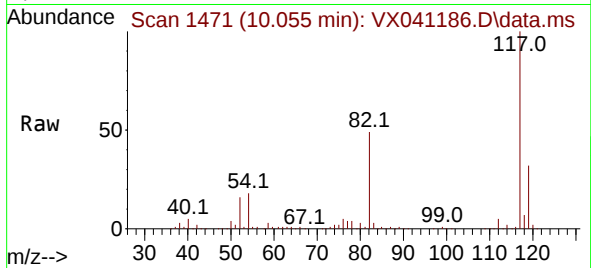
Tgt Ion: 95 Resp: 255273
Ion Ratio Lower Upper
95 100
174 101.1 0.0 135.6
176 97.5 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29

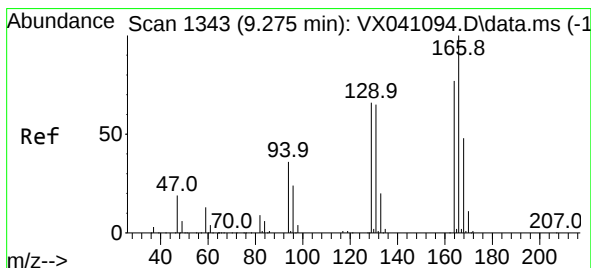
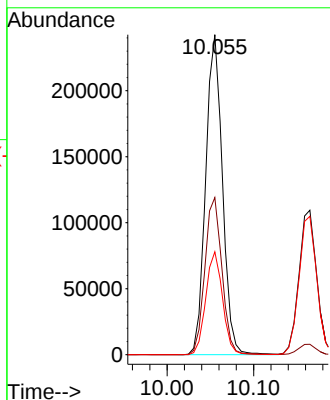
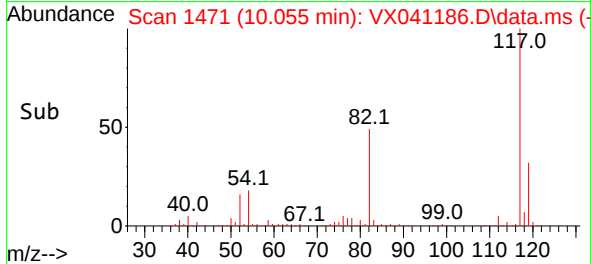
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



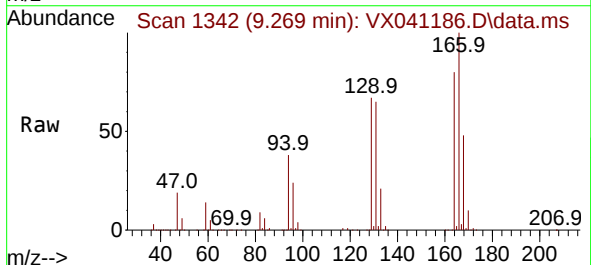
Tgt Ion:117 Resp: 32593
Ion Ratio Lower Upper
117 100
82 49.1 46.2 69.4
119 32.1 25.5 38.3

Manual Integrations
APPROVED

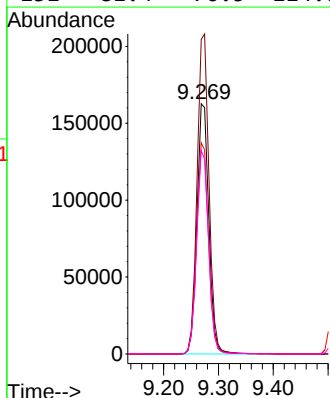
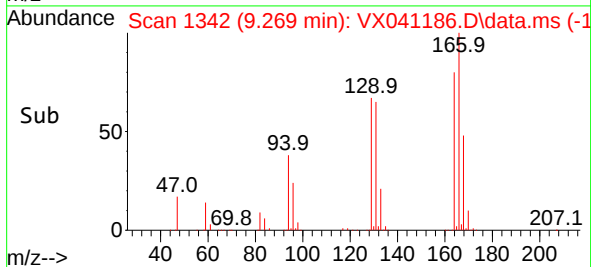
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

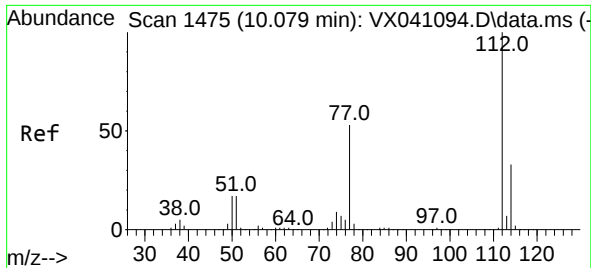


#64
Tetrachloroethene
Concen: 98.296 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29



Tgt Ion:164 Resp: 245708
Ion Ratio Lower Upper
164 100
166 125.7 102.7 154.1
129 84.4 80.4 120.6
131 81.4 76.5 114.7





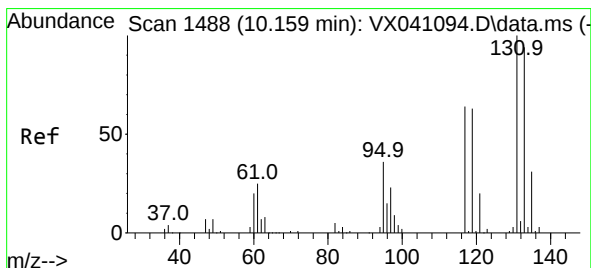
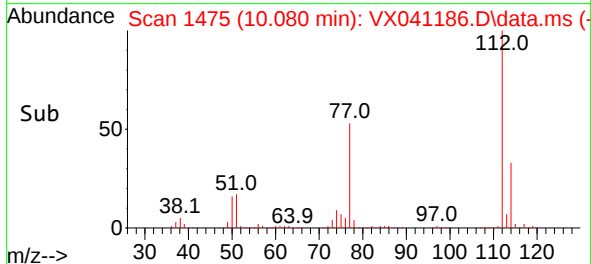
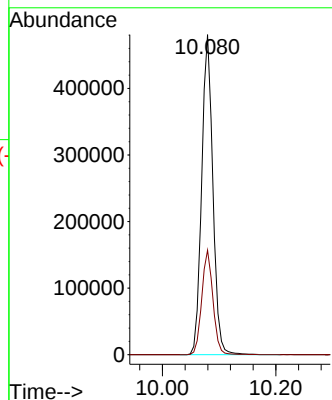
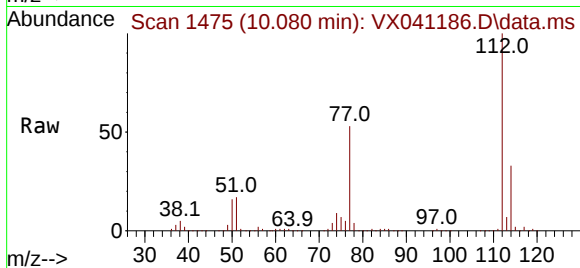
#65
Chlorobenzene
Concen: 98.201 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 658714
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5

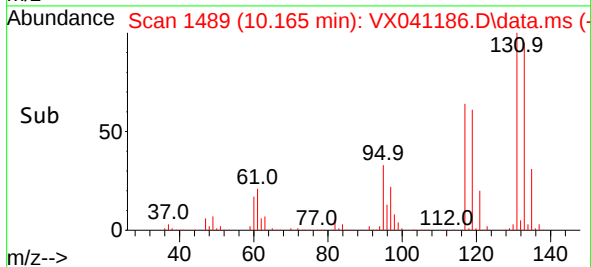
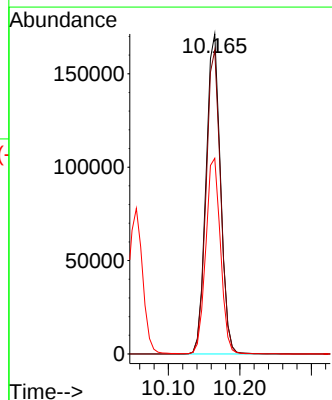
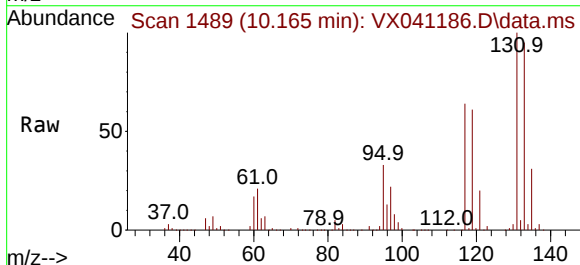
Manual Integrations
APPROVED

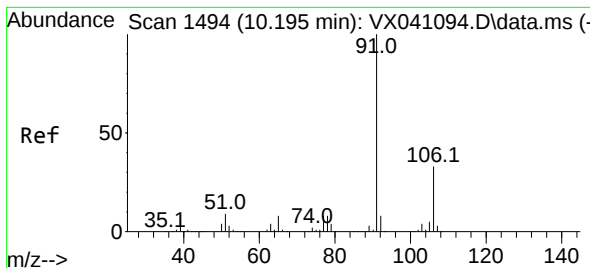
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 104.766 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29

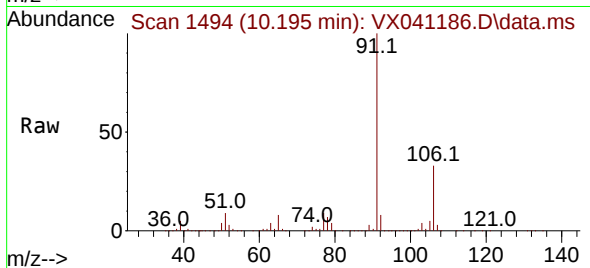
Tgt Ion:131 Resp: 240708
Ion Ratio Lower Upper
131 100
133 95.2 47.1 141.4
119 62.3 32.2 96.6





#67
Ethyl Benzene
Concen: 100.345 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29

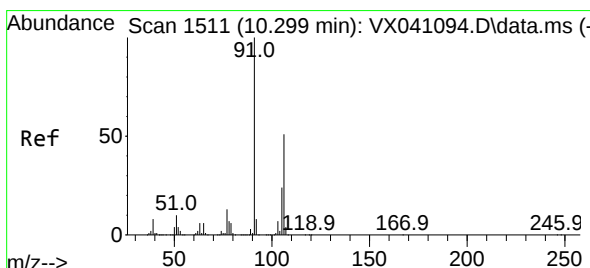
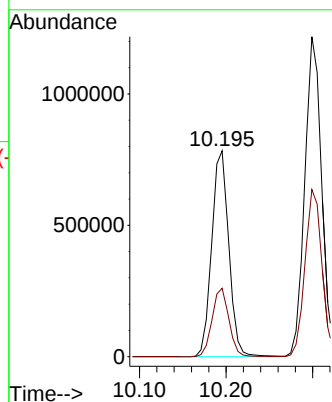
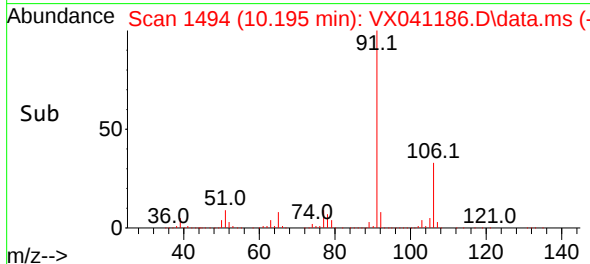
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



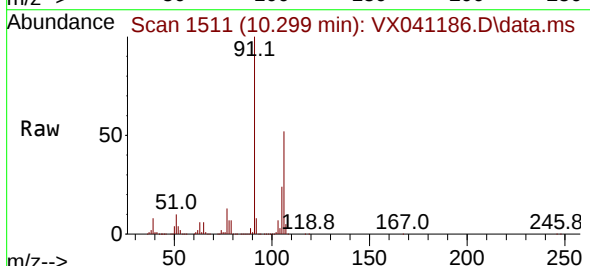
Tgt Ion: 91 Resp: 107416
Ion Ratio Lower Upper
91 100
106 33.3 24.9 37.3

Manual Integrations
APPROVED

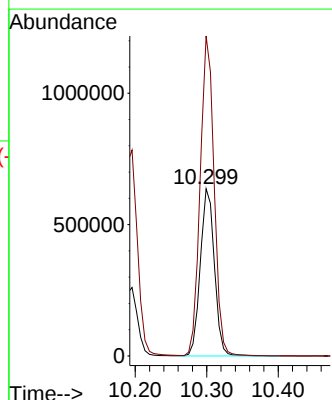
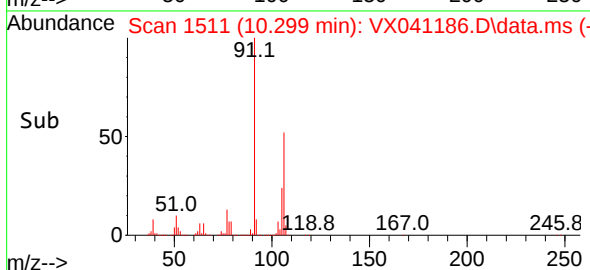
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

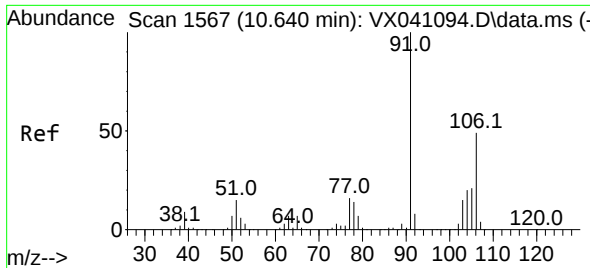


#68
m/p-Xylenes
Concen: 201.169 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29



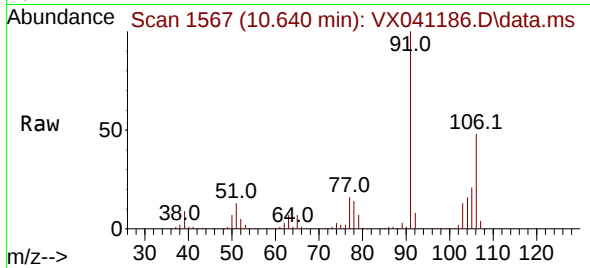
Tgt Ion:106 Resp: 869315
Ion Ratio Lower Upper
106 100
91 190.0 165.5 248.3





#69
o-Xylene
Concen: 90.384 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29

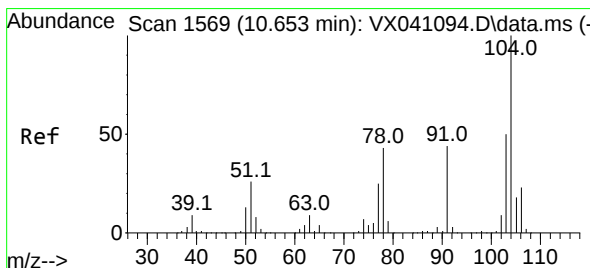
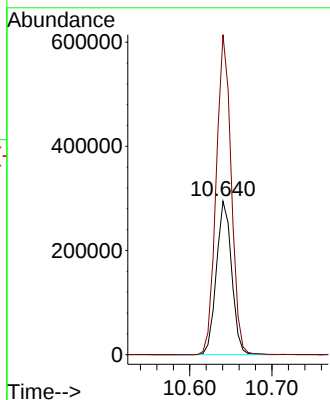
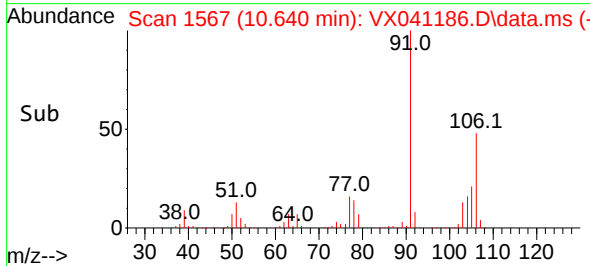
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:106 Resp: 379875
Ion Ratio Lower Upper
106 100
91 205.9 108.9 326.8

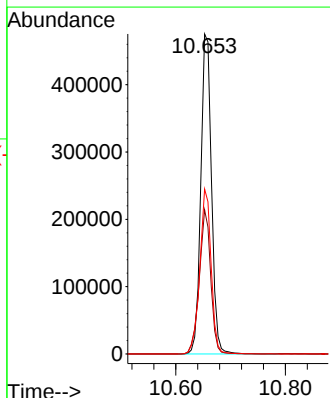
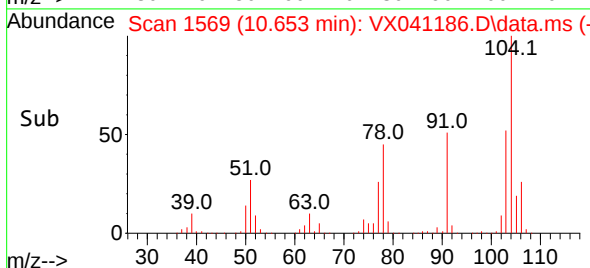
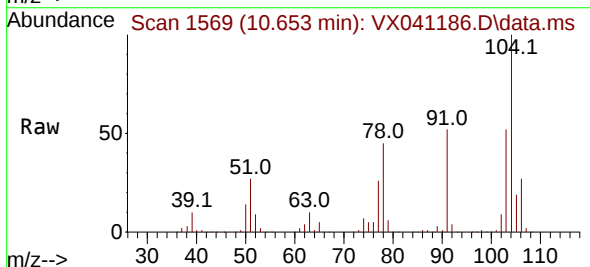
Manual Integrations
APPROVED

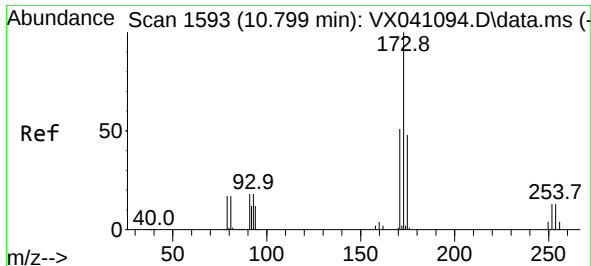
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#70
Styrene
Concen: 94.194 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29

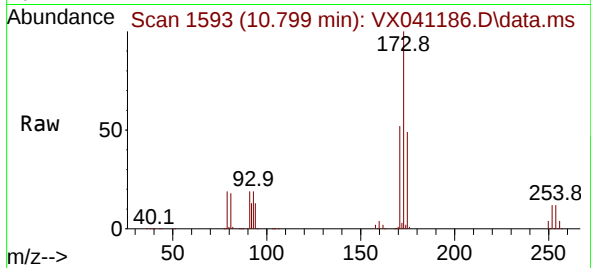
Tgt Ion:104 Resp: 644057
Ion Ratio Lower Upper
104 100
78 48.1 43.6 65.4
103 54.7 43.6 65.4





#71
Bromoform
Concen: 104.187 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29

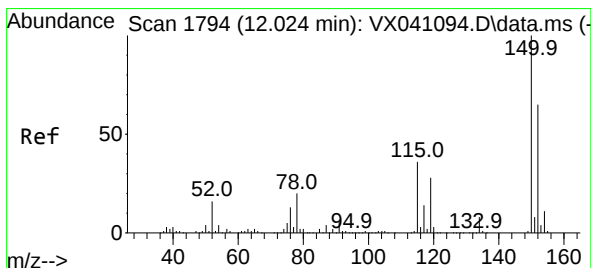
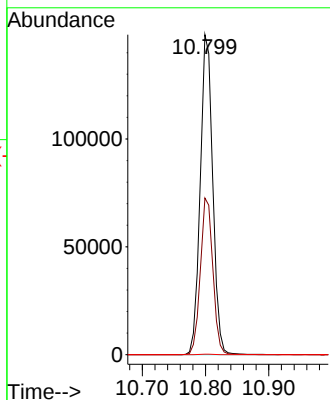
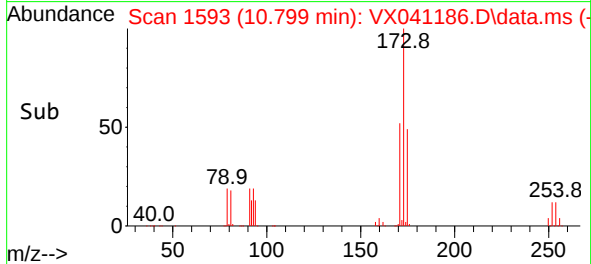
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:173 Resp: 204650
Ion Ratio Lower Upper
173 100
175 49.0 24.1 72.4
254 0.2 0.0 0.0

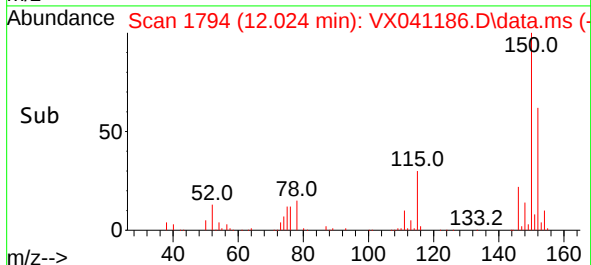
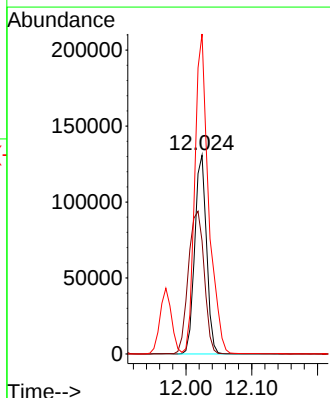
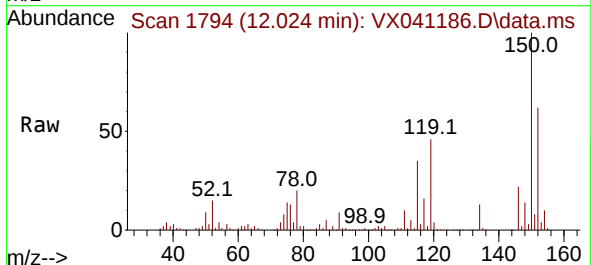
Manual Integrations
APPROVED

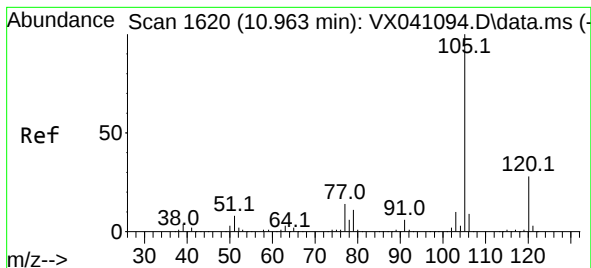
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29

Tgt Ion:152 Resp: 161757
Ion Ratio Lower Upper
152 100
115 96.9 43.3 129.9
150 188.8 0.0 345.0





#73

Isopropylbenzene

Concen: 97.631 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:105 Resp: 98260

Ion Ratio Lower Upper

105 100

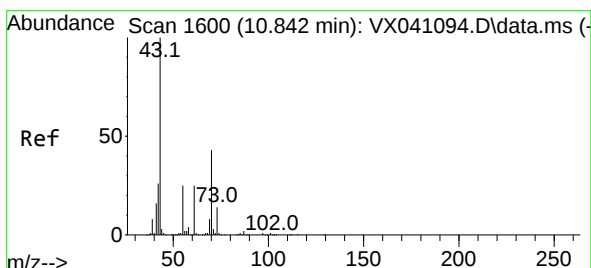
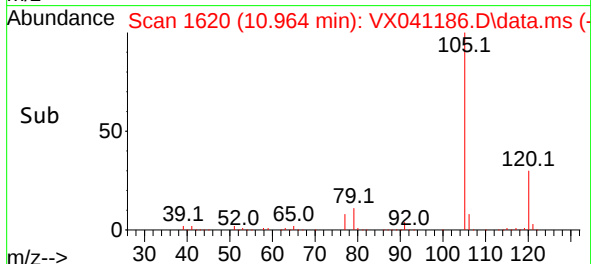
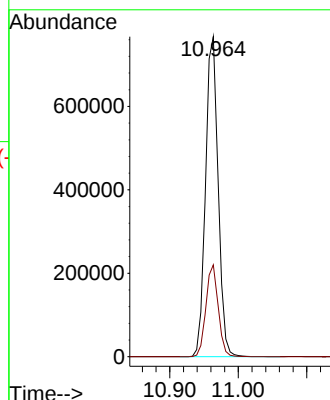
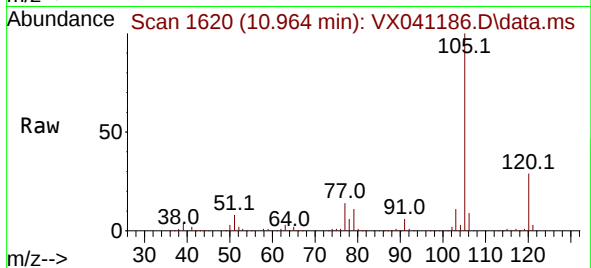
120 28.0 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#74

N-ethyl acetate

Concen: 106.314 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

Tgt Ion: 43 Resp: 420523

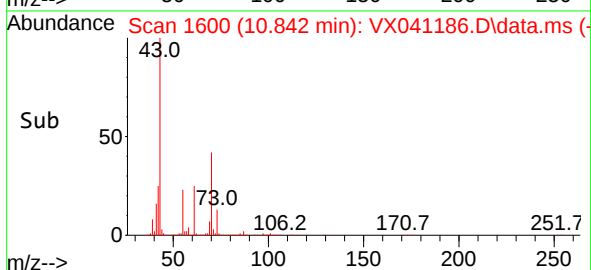
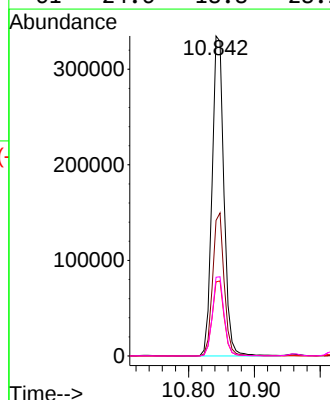
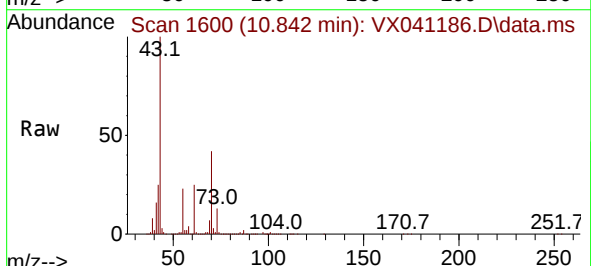
Ion Ratio Lower Upper

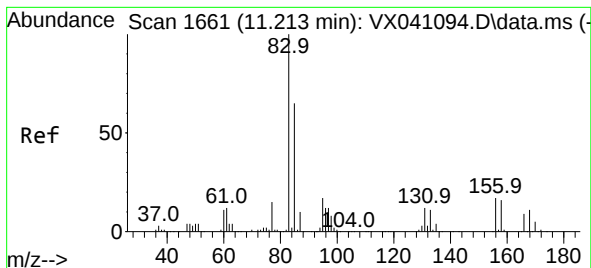
43 100

70 43.9 32.9 49.3

55 23.6 19.3 28.9

61 24.6 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 97.186 ug/l

RT: 11.214 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 83 Resp: 308460

Ion Ratio Lower Upper

83 100

131 11.7 5.3 15.8

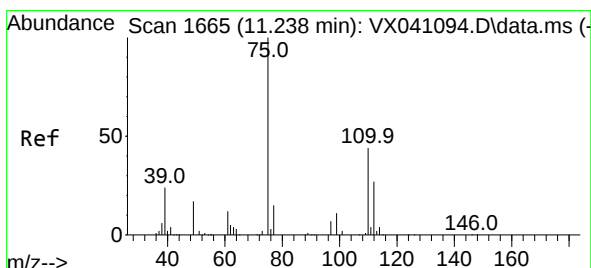
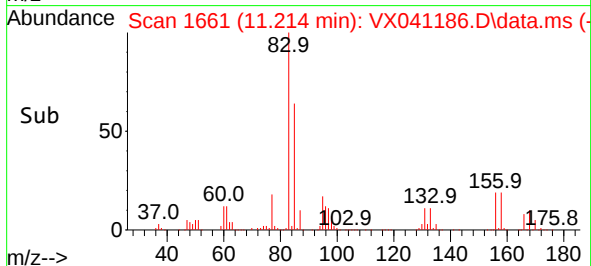
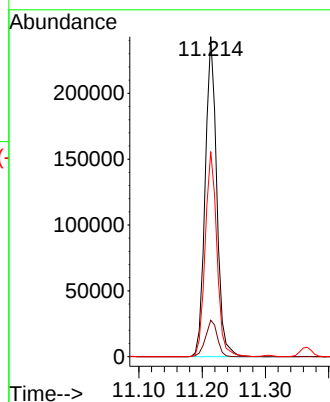
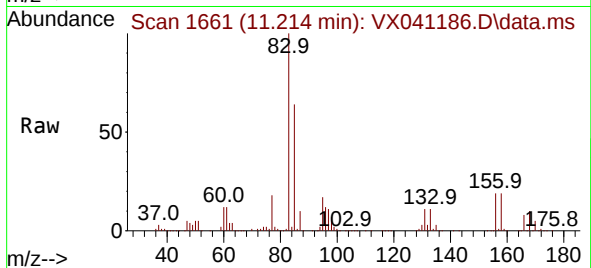
85 65.1 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#76

1,2,3-Trichloropropane

Concen: 94.039 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX041186.D

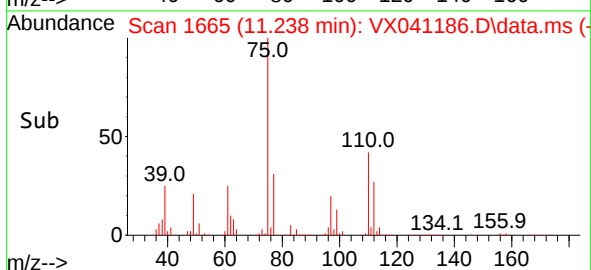
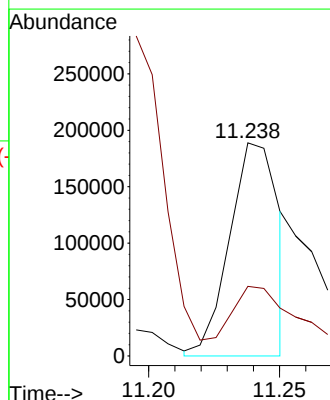
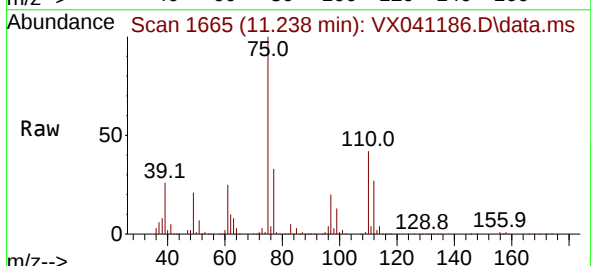
Acq: 22 Apr 2024 12:29

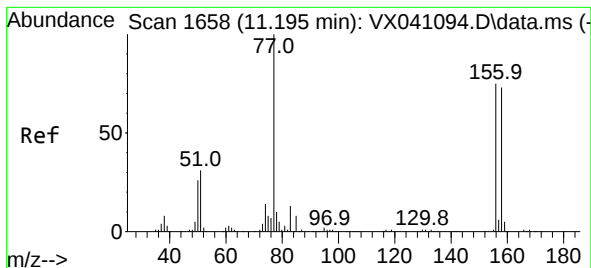
Tgt Ion: 75 Resp: 245084

Ion Ratio Lower Upper

75 100

77 46.4 19.1 57.5





#77

Bromobenzene

Concen: 97.878 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

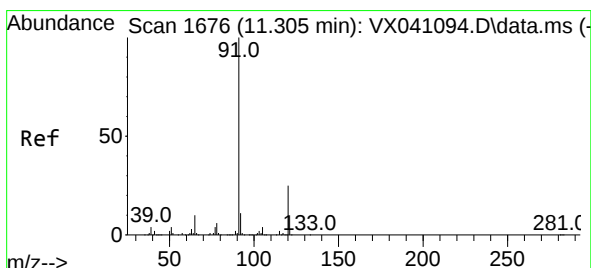
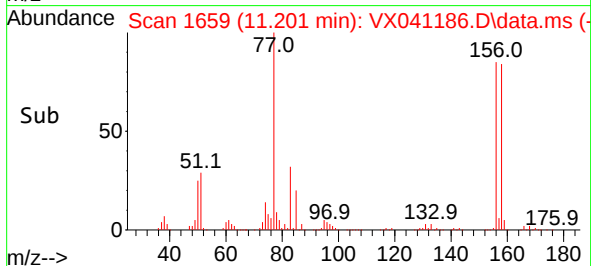
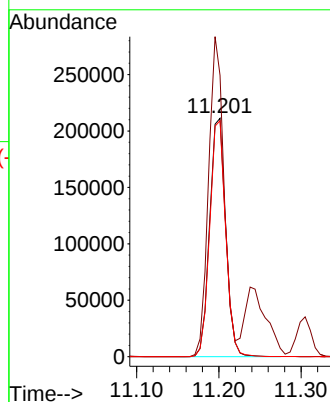
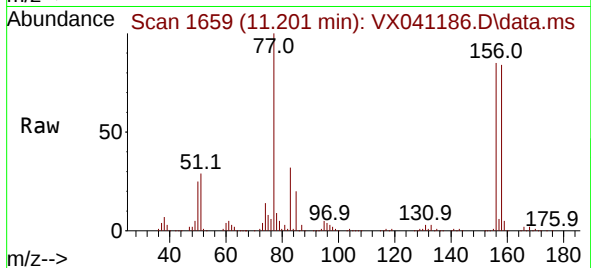
Tgt Ion:	156	Resp:	28667
Ion Ratio	Lower	Upper	
156	100		
77	128.2	88.4	265.3
158	98.3	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#78

n-propylbenzene

Concen: 101.243 ug/l

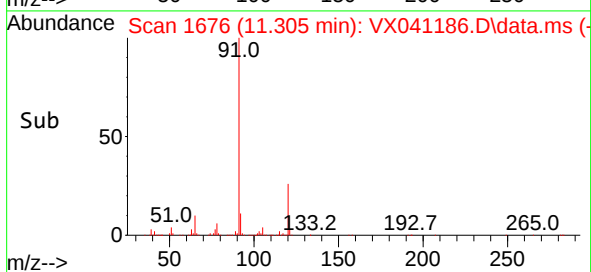
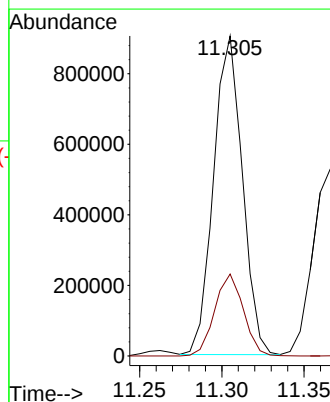
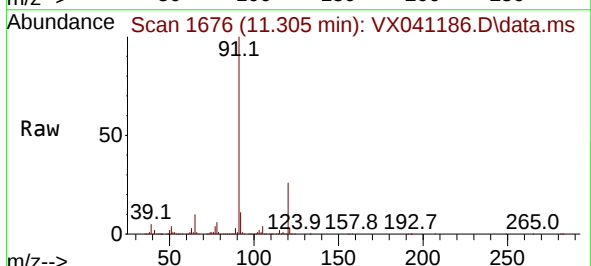
RT: 11.305 min Scan# 1676

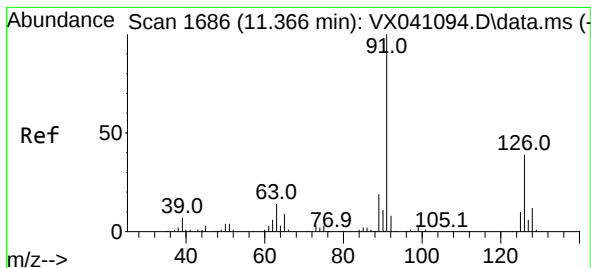
Delta R.T. 0.000 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

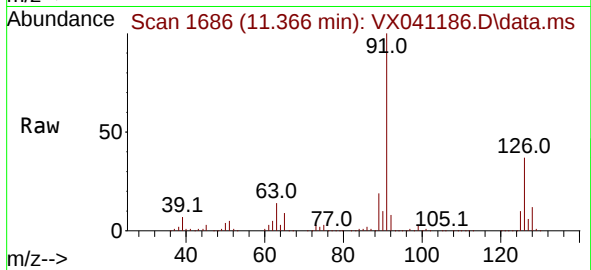
Tgt Ion:	91	Resp:	1100255
Ion Ratio	Lower	Upper	
91	100		
120	25.6	11.5	34.4





#79
2-Chlorotoluene
Concen: 96.931 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29

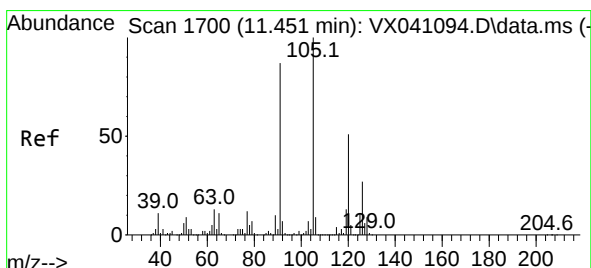
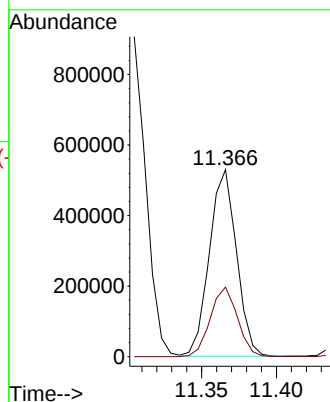
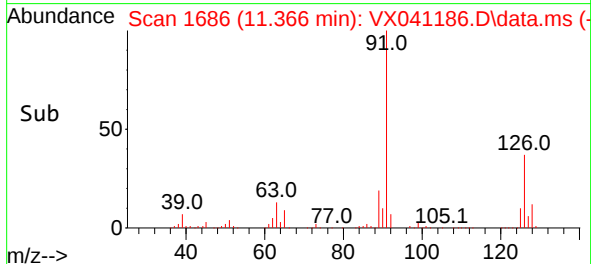
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



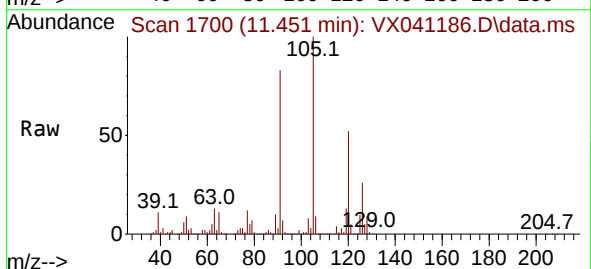
Tgt Ion: 91 Resp: 666590
Ion Ratio Lower Upper
91 100
126 37.4 16.3 48.8

Manual Integrations
APPROVED

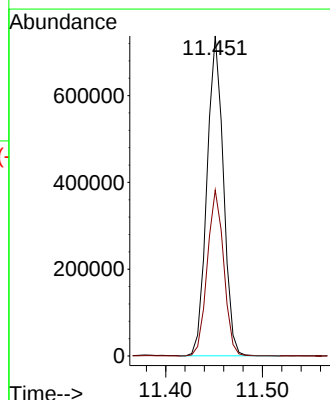
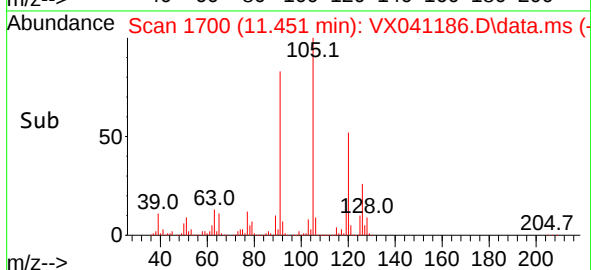
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

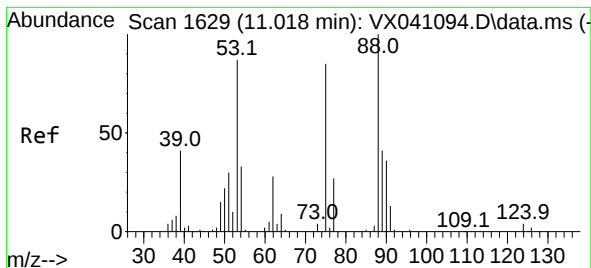


#80
1,3,5-Trimethylbenzene
Concen: 104.057 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29



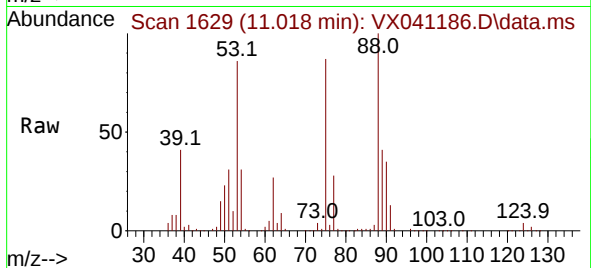
Tgt Ion:105 Resp: 871277
Ion Ratio Lower Upper
105 100
120 51.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 111.099 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29

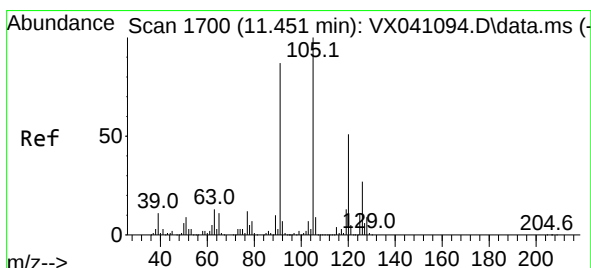
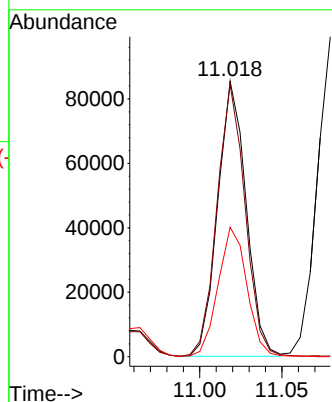
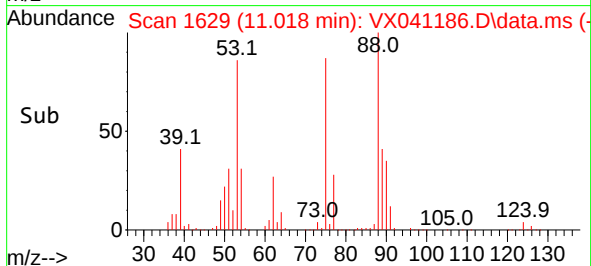
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 102628
Ion Ratio Lower Upper
75 100
53 98.6 90.5 135.7
89 47.9 36.9 55.3

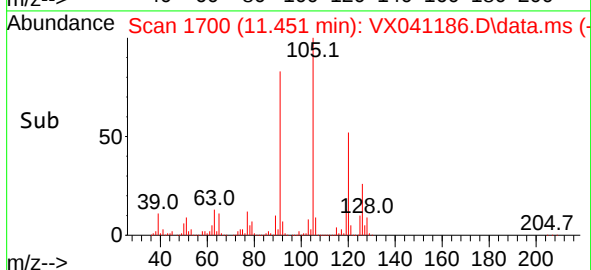
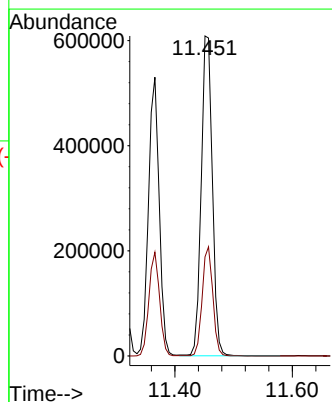
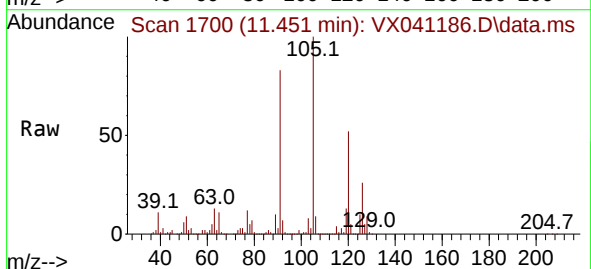
Manual Integrations
APPROVED

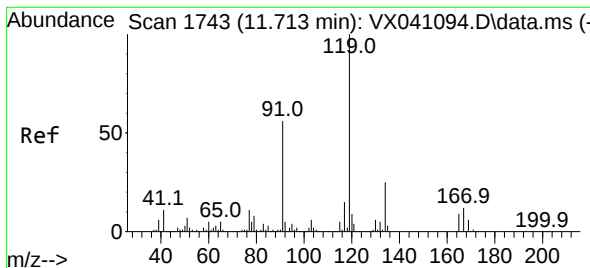
Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024



#82
4-Chlorotoluene
Concen: 102.898 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041186.D
Acq: 22 Apr 2024 12:29

Tgt Ion: 91 Resp: 801914
Ion Ratio Lower Upper
91 100
126 32.6 14.2 42.6





#83

tert-Butylbenzene

Concen: 99.151 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:119 Resp: 88903

Ion Ratio Lower Upper

119 100

91 53.5 31.2 93.6

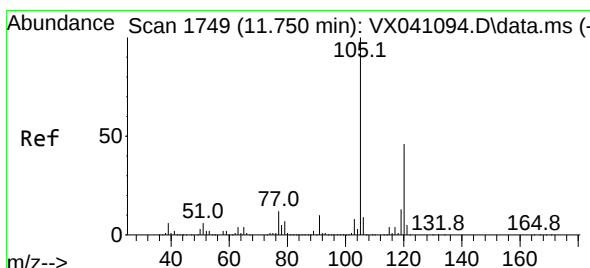
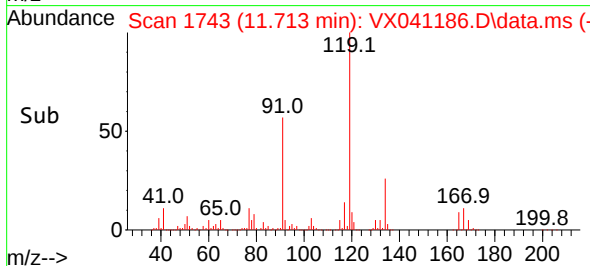
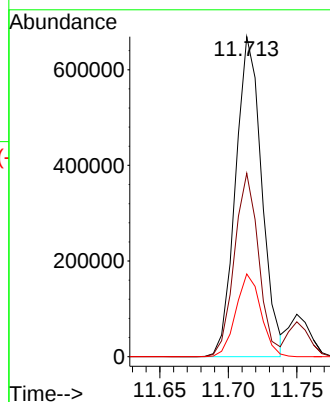
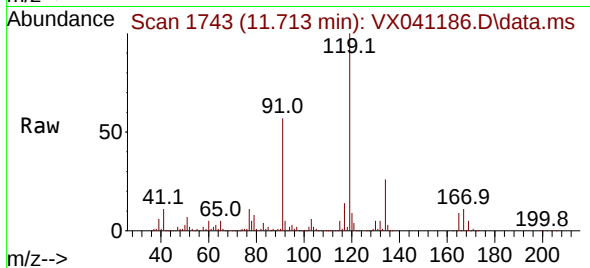
134 24.8 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#84

1,2,4-Trimethylbenzene

Concen: 98.266 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041186.D

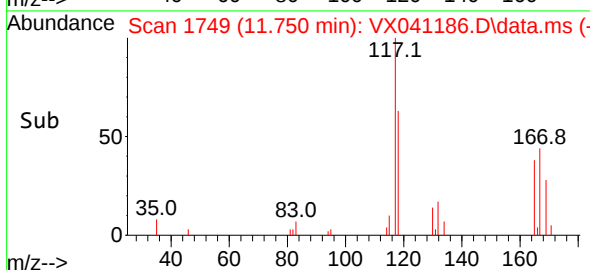
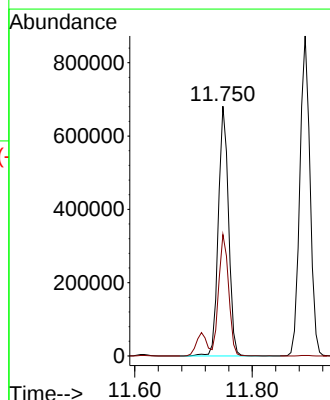
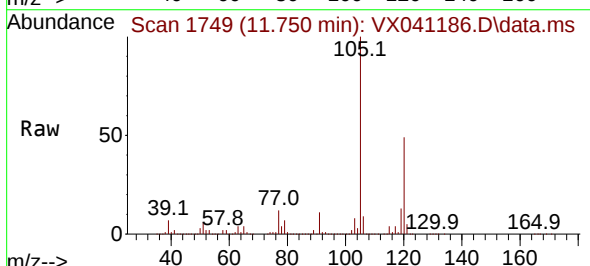
Acq: 22 Apr 2024 12:29

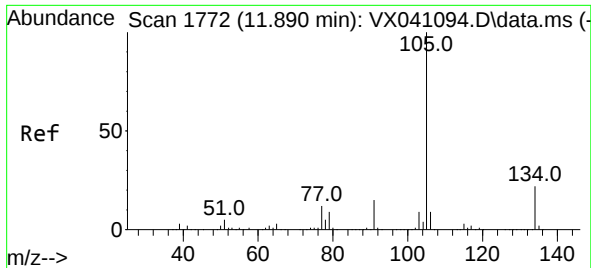
Tgt Ion:105 Resp: 816646

Ion Ratio Lower Upper

105 100

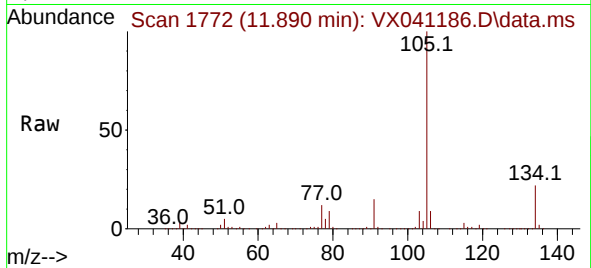
120 47.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 101.254 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041186.D
 Acq: 22 Apr 2024 12:29

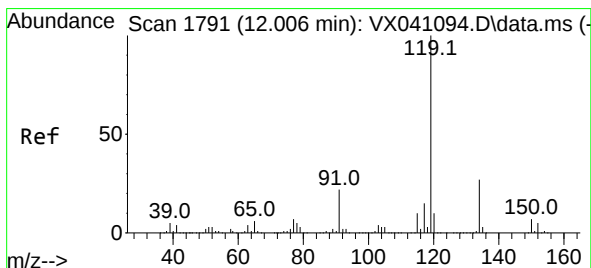
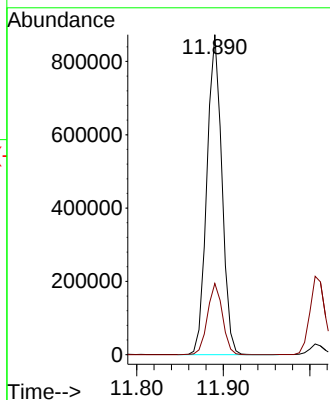
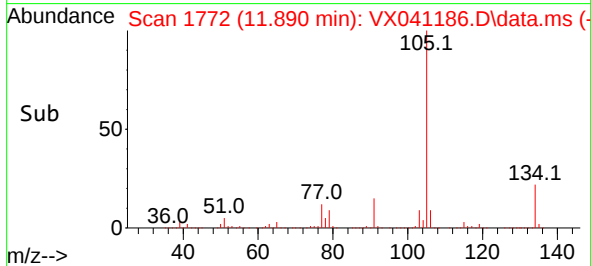
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



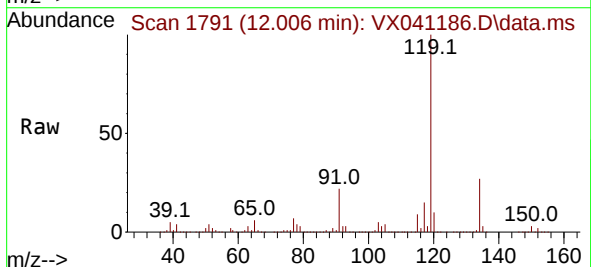
Tgt Ion:105 Resp: 1048409
 Ion Ratio Lower Upper
 105 100
 134 22.2 9.8 29.4

Manual Integrations
 APPROVED

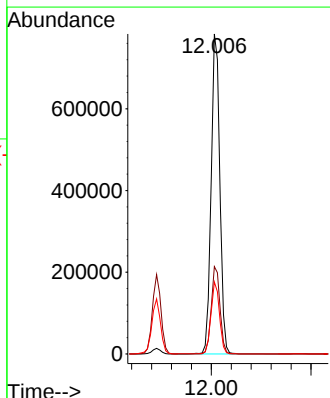
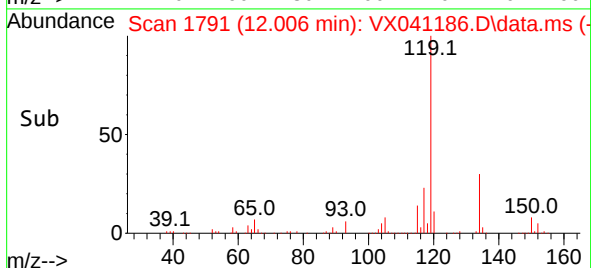
Reviewed By :John Carlone 04/23/2024
 Supervised By :Mahesh Dadoda 04/23/2024

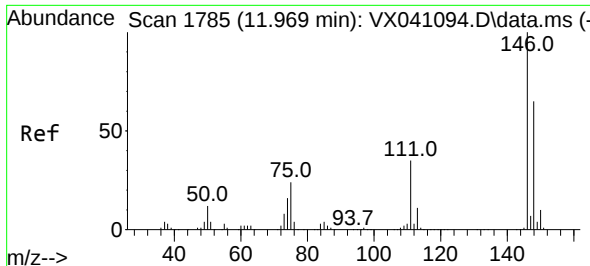


#86
 p-Isopropyltoluene
 Concen: 103.452 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041186.D
 Acq: 22 Apr 2024 12:29



Tgt Ion:119 Resp: 943960
 Ion Ratio Lower Upper
 119 100
 134 27.3 12.8 38.3
 91 22.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 96.302 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 506654

Ion Ratio Lower Upper

146 100

111 36.8 22.1 66.1

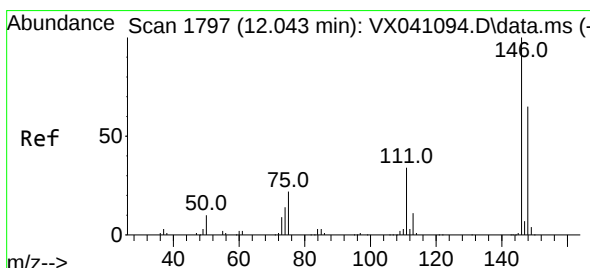
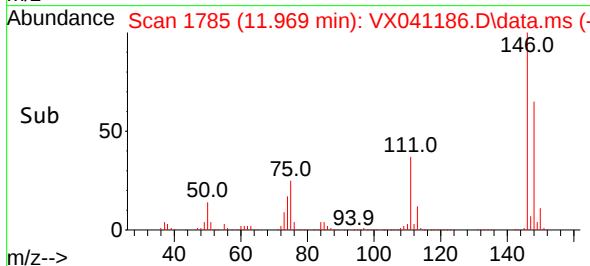
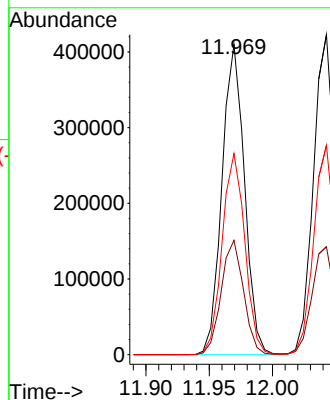
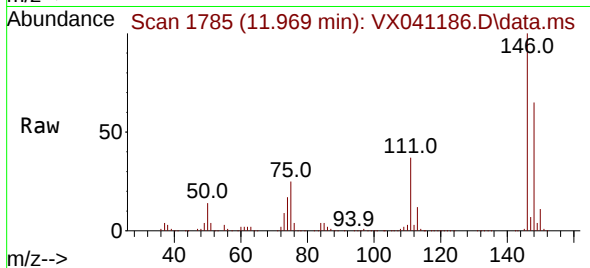
148 65.3 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#88

1,4-Dichlorobenzene

Concen: 95.573 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

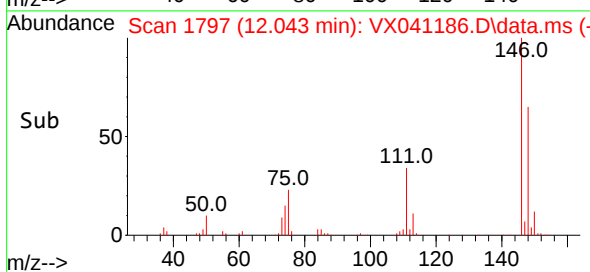
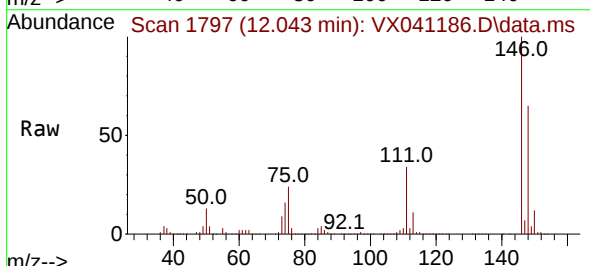
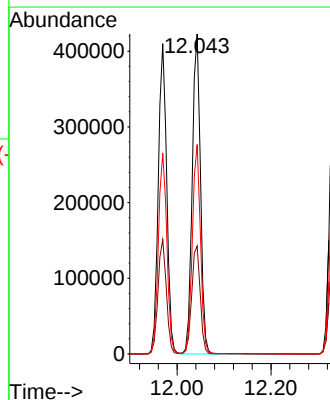
Tgt Ion:146 Resp: 515904

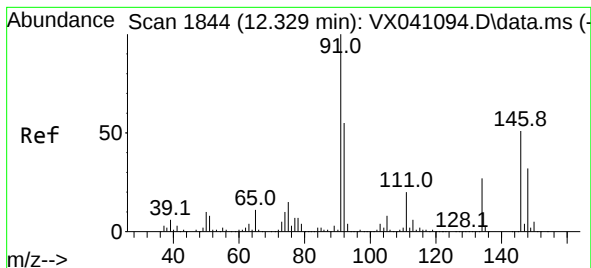
Ion Ratio Lower Upper

146 100

111 34.9 21.3 63.7

148 64.7 31.8 95.4





#89

n-Butylbenzene

Concen: 110.471 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 765349

Ion Ratio Lower Upper

91 100

92 55.1 27.4 82.0

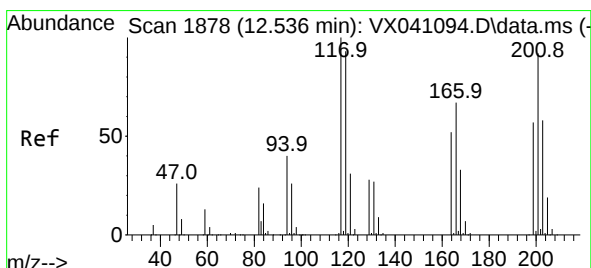
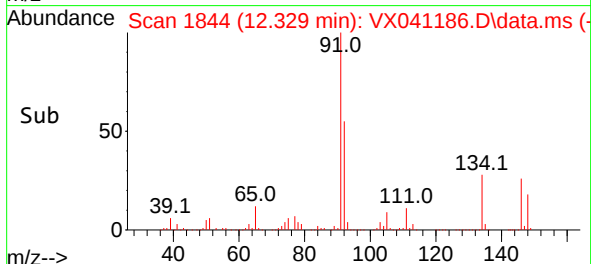
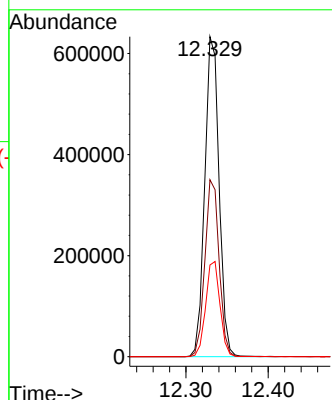
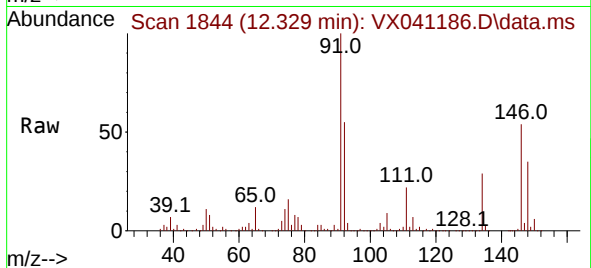
134 29.8 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#90

Hexachloroethane

Concen: 122.319 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX041186.D

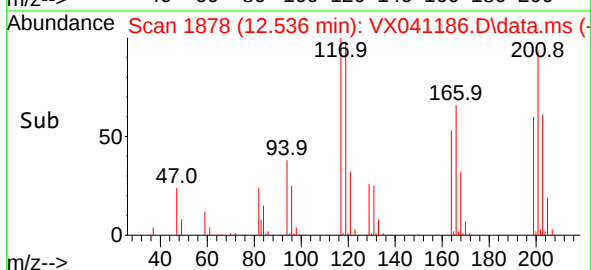
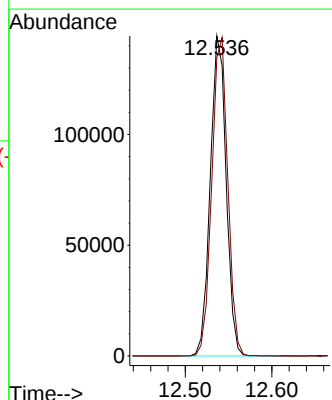
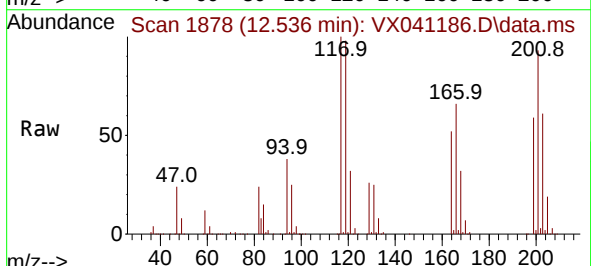
Acq: 22 Apr 2024 12:29

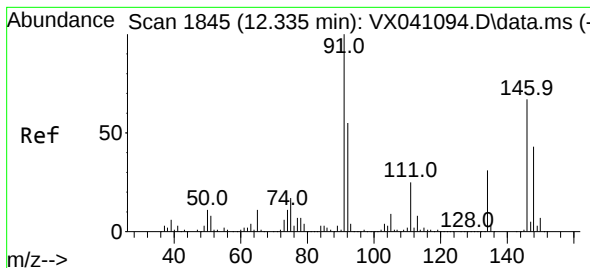
Tgt Ion:117 Resp: 184109

Ion Ratio Lower Upper

117 100

201 100.2 32.9 98.6#





#91

1,2-Dichlorobenzene

Concen: 98.866 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:146 Resp: 520970

Ion Ratio Lower Upper

146 100

111 38.2 22.4 67.0

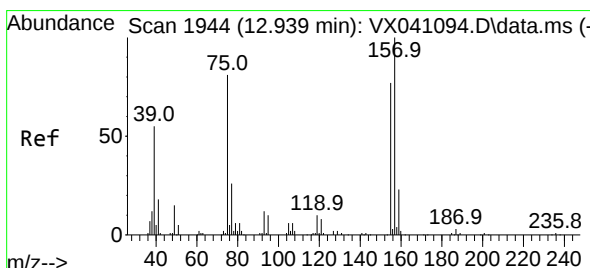
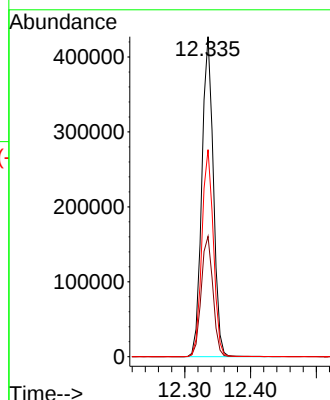
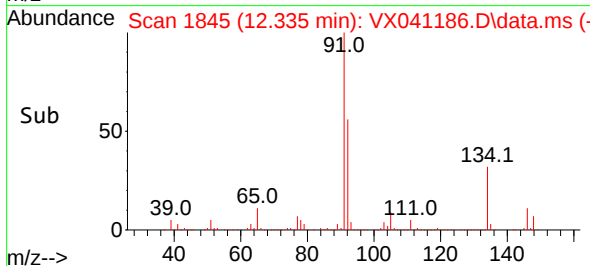
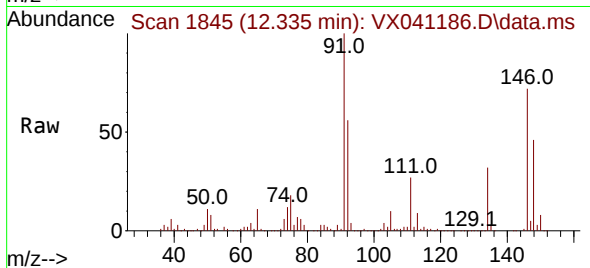
148 64.6 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 117.396 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

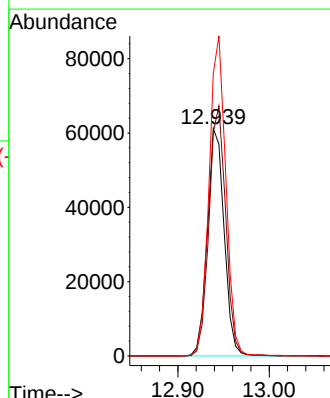
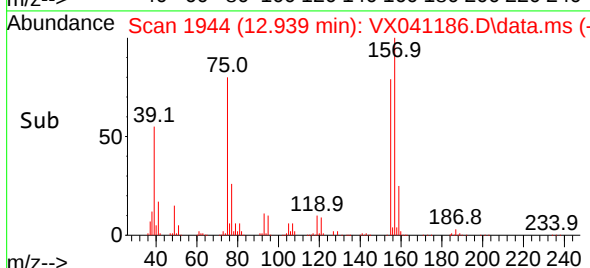
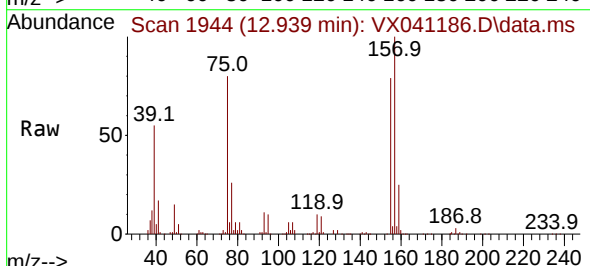
Tgt Ion: 75 Resp: 78184

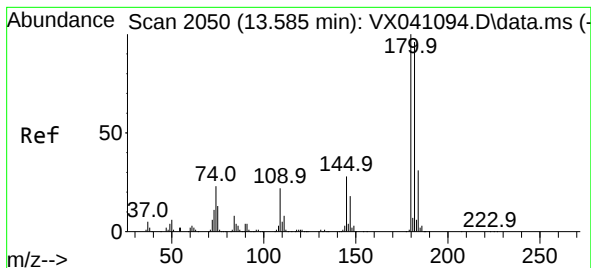
Ion Ratio Lower Upper

75 100

155 109.1 36.1 108.5#

157 140.1 44.9 134.7#





#93

1,2,4-Trichlorobenzene

Concen: 120.593 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:180 Resp: 44059

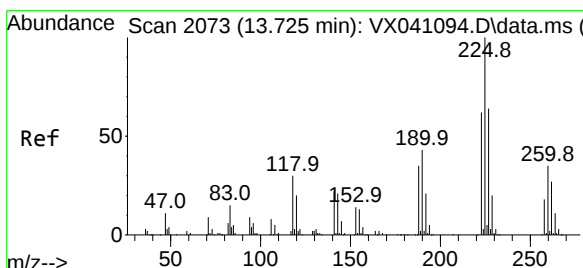
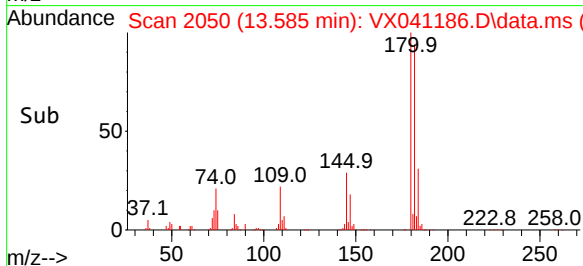
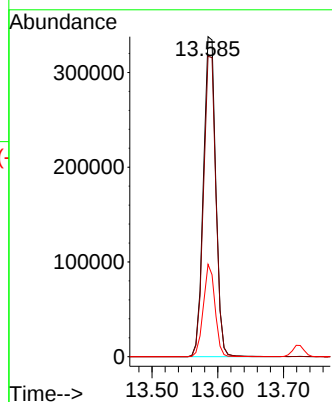
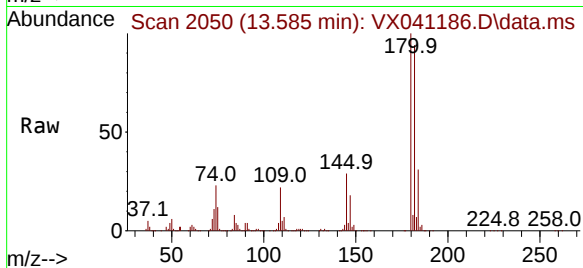
Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.3	144.8
145	27.2	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#94

Hexachlorobutadiene

Concen: 115.995 ug/l

RT: 13.725 min Scan# 2073

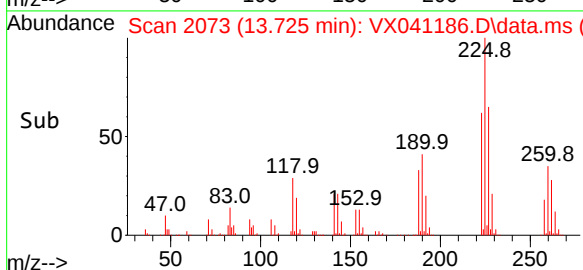
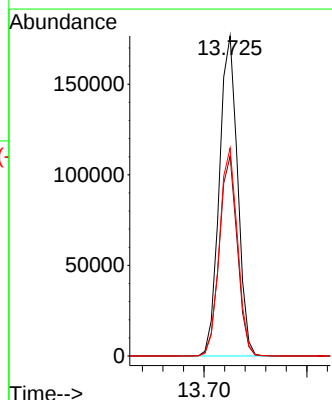
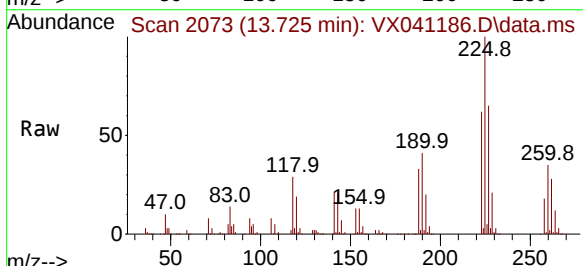
Delta R.T. 0.000 min

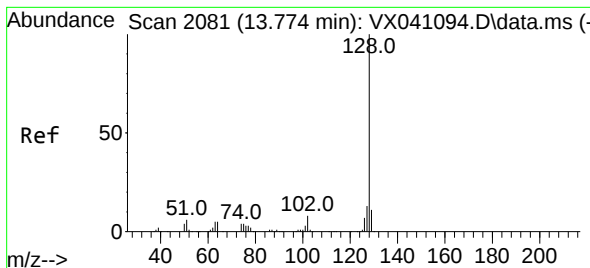
Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

Tgt Ion:225 Resp: 216523

Ion	Ratio	Lower	Upper
225	100		
223	61.3	31.1	93.2
227	64.4	32.5	97.5





#95

Naphthalene

Concen: 116.252 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:128 Resp: 122035

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

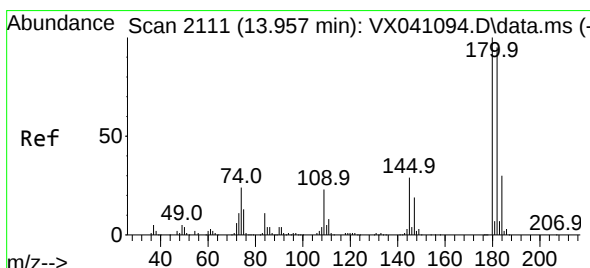
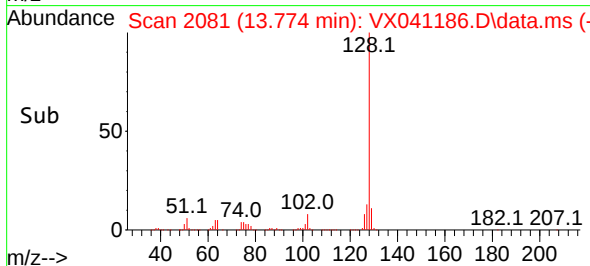
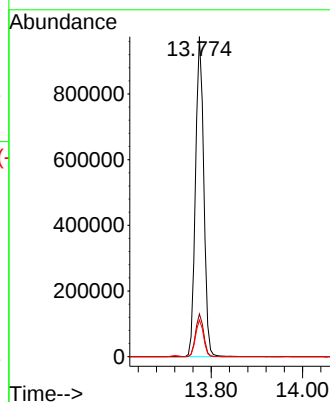
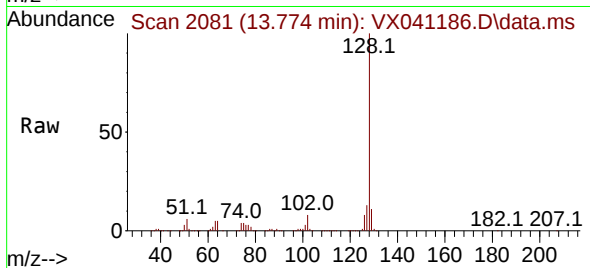
129 11.2 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/23/2024

Supervised By :Mahesh Dadoda 04/23/2024



#96

1,2,3-Trichlorobenzene

Concen: 114.721 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041186.D

Acq: 22 Apr 2024 12:29

Tgt Ion:180 Resp: 441496

Ion Ratio Lower Upper

180 100

182 96.0 46.9 140.6

145 29.0 17.8 53.5

