

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090823\
 Data File : VX037599.D
 Acq On : 08 Sep 2023 12:19
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/09/2023
 Supervised By : Mahesh Dadoda 09/11/2023

Quant Time: Sep 09 04:01:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 03:56:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	148559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	255858	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98461	49.099	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.200%		
35) Dibromofluoromethane	5.385	113	88833	49.639	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.280%		
50) Toluene-d8	8.653	98	325690	49.620	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.240%		
62) 4-Bromofluorobenzene	11.079	95	125327	50.663	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.320%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	79985	53.051	ug/l	98
3) Chloromethane	1.307	50	84028	49.785	ug/l	97
4) Vinyl Chloride	1.374	62	89267	51.341	ug/l	99
5) Bromomethane	1.599	94	38141	49.504	ug/l	100
6) Chloroethane	1.673	64	47006m	50.463	ug/l	
7) Trichlorofluoromethane	1.880	101	127921	54.134	ug/l	97
8) Diethyl Ether	2.136	74	51873	49.389	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.325	101	80194	50.739	ug/l	95
10) Methyl Iodide	2.447	142	106240	51.826	ug/l	91
11) Tert butyl alcohol	2.971	59	111486	248.444	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	80145	50.237	ug/l	81
13) Acrolein	2.239	56	107849	244.457	ug/l	98
14) Allyl chloride	2.660	41	116433	52.047	ug/l #	86
15) Acrylonitrile	3.063	53	244415	249.828	ug/l	98
16) Acetone	2.386	43	192748	233.726	ug/l #	83
17) Carbon Disulfide	2.508	76	194618	48.709	ug/l	99
18) Methyl Acetate	2.703	43	164951	49.301	ug/l #	83
19) Methyl tert-butyl Ether	3.117	73	283947	50.203	ug/l	98
20) Methylene Chloride	2.788	84	96002	50.434	ug/l #	83
21) trans-1,2-Dichloroethene	3.087	96	89412	50.173	ug/l	86
22) Diisopropyl ether	3.764	45	238757	50.401	ug/l #	80
23) Vinyl Acetate	3.721	43	878616	259.810	ug/l #	88
24) 1,1-Dichloroethane	3.605	63	153613	49.761	ug/l	97
25) 2-Butanone	4.562	43	306729	245.244	ug/l #	83
26) 2,2-Dichloropropane	4.477	77	116068	51.002	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	105754	49.798	ug/l	85
28) Bromochloromethane	4.904	49	66953	49.687	ug/l #	68
29) Tetrahydrofuran	5.007	42	199503	248.990	ug/l #	79
30) Chloroform	5.093	83	167280	50.504	ug/l	96
31) Cyclohexane	5.471	56	124174	50.891	ug/l #	82
32) 1,1,1-Trichloroethane	5.385	97	146824	51.468	ug/l	95
36) 1,1-Dichloropropene	5.690	75	117448	49.678	ug/l	95
37) Ethyl Acetate	4.721	43	118824	49.019	ug/l #	91
38) Carbon Tetrachloride	5.678	117	128169	52.455	ug/l	97
39) Methylcyclohexane	7.379	83	148966	51.675	ug/l	88
40) Benzene	6.038	78	364579	50.118	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	63805	51.670	ug/l #	84
42) 1,2-Dichloroethane	6.086	62	121465	49.865	ug/l	90
43) Isopropyl Acetate	6.342	43	184841	50.911	ug/l #	87
44) Trichloroethene	7.129	130	97270	48.680	ug/l	96
45) 1,2-Dichloropropane	7.434	63	90589	50.850	ug/l	98
46) Dibromomethane	7.580	93	68072	50.914	ug/l	91
47) Bromodichloromethane	7.824	83	126566	51.805	ug/l	96
48) Methyl methacrylate	7.696	41	91430	52.616	ug/l #	78
49) 1,4-Dioxane	7.665	88	56657	1039.167	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	596943	258.522	ug/l #	86
52) Toluene	8.720	92	238712	50.523	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	135189	53.292	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	150512	53.327	ug/l #	81
55) 1,1,2-Trichloroethane	9.153	97	100324	51.069	ug/l	97
56) Ethyl methacrylate	9.116	69	152969	53.442	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	162562	49.654	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	369627	255.233	ug/l	91
59) 2-Hexanone	9.433	43	463686	263.290	ug/l	83
60) Dibromochloromethane	9.525	129	104869	53.614	ug/l	100
61) 1,2-Dibromoethane	9.610	107	108851	51.743	ug/l	99
64) Tetrachloroethene	9.275	164	81204	48.730	ug/l	97
65) Chlorobenzene	10.080	112	259421	49.618	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	97503	52.621	ug/l	98
67) Ethyl Benzene	10.195	91	449266	50.552	ug/l	98
68) m/p-Xylenes	10.299	106	355849	101.787	ug/l	97
69) o-Xylene	10.640	106	178301	51.292	ug/l	97
70) Styrene	10.659	104	295699	52.321	ug/l	97
71) Bromoform	10.799	173	77846	52.445	ug/l #	100
73) Isopropylbenzene	10.964	105	457551	49.462	ug/l	98
74) N-amyl acetate	10.842	43	167006	52.375	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	159373	49.577	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	144591m	50.046	ug/l	
77) Bromobenzene	11.201	156	112496	49.131	ug/l	90
78) n-propylbenzene	11.305	91	518241	50.376	ug/l	98
79) 2-Chlorotoluene	11.366	91	322190	49.290	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	398400	50.776	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	46465	49.368	ug/l #	83
82) 4-Chlorotoluene	11.457	91	364065	49.396	ug/l	97
83) tert-Butylbenzene	11.713	119	402204	50.845	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	399736	50.957	ug/l	96
85) sec-Butylbenzene	11.890	105	487487	51.119	ug/l	99
86) p-Isopropyltoluene	12.012	119	417720	51.722	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	211901	48.639	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	210266	47.443	ug/l	98
89) n-Butylbenzene	12.335	91	342231	51.573	ug/l	98
90) Hexachloroethane	12.543	117	72984	53.181	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	213145	49.115	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	34584	50.529	ug/l	73
93) 1,2,4-Trichlorobenzene	13.591	180	126843	48.325	ug/l	99
94) Hexachlorobutadiene	13.725	225	58041	50.094	ug/l	99
95) Naphthalene	13.774	128	466400	50.867	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	130767	48.232	ug/l	98

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ClientSampleId :
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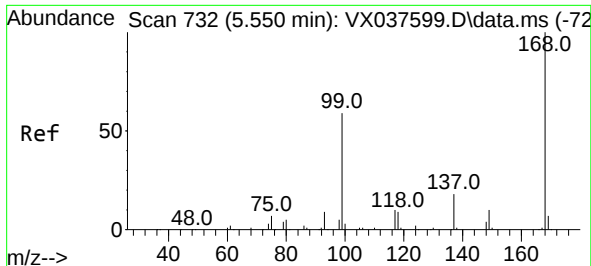
Manual Integrations
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Quant Title : SW846 8260
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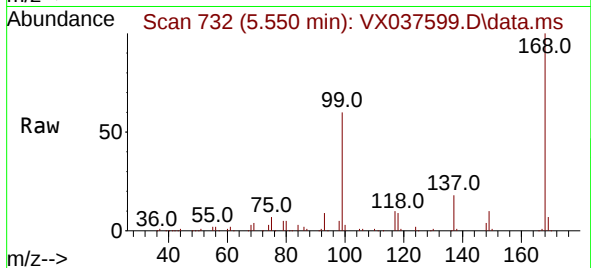
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
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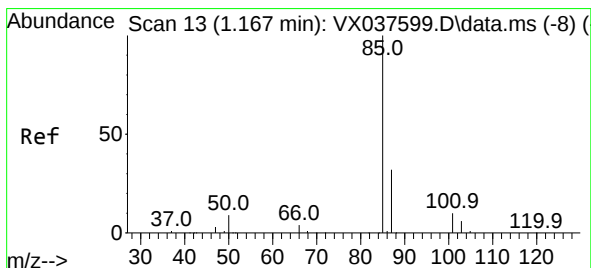
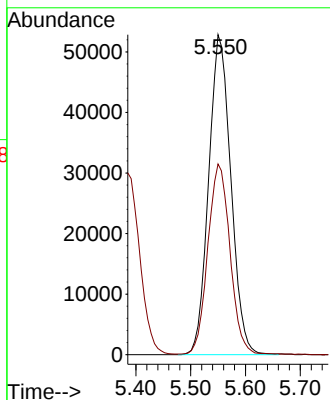
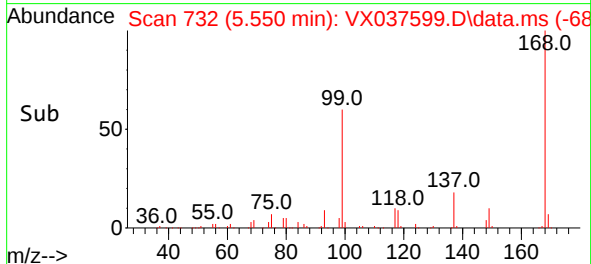
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 14855
Ion Ratio Lower Upper
168 100
99 59.4 56.6 85.0

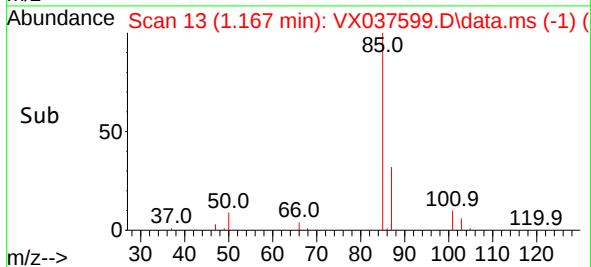
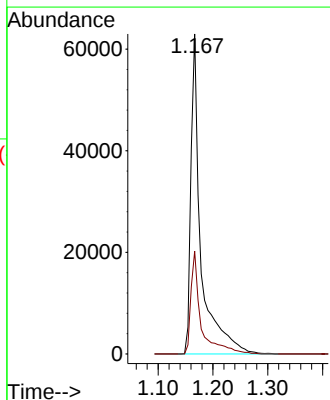
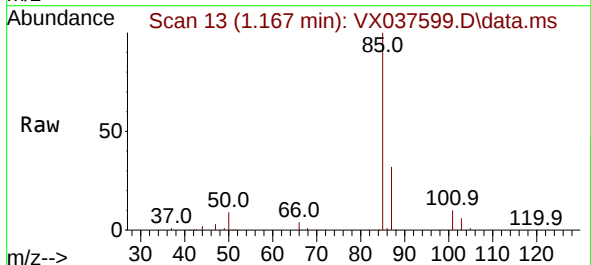
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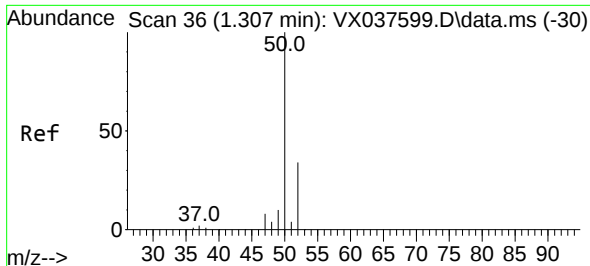
Reviewed By :John Carlone 09/09/2023
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#2
Dichlorodifluoromethane
Concen: 53.051 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

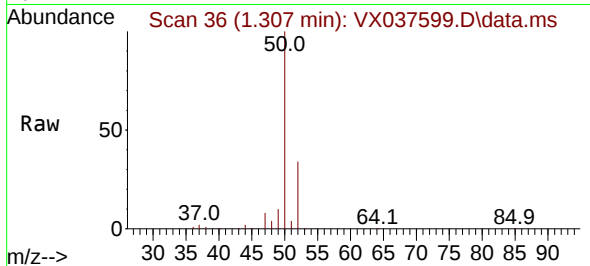
Tgt Ion: 85 Resp: 79985
Ion Ratio Lower Upper
85 100
87 32.1 16.7 50.1





#3
Chloromethane
Concen: 49.785 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

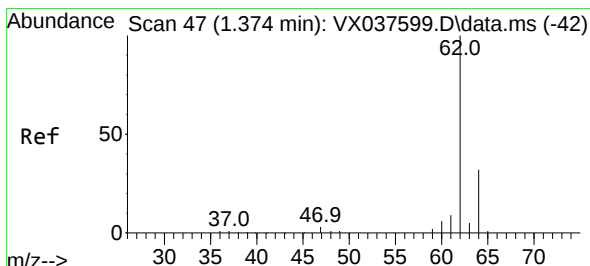
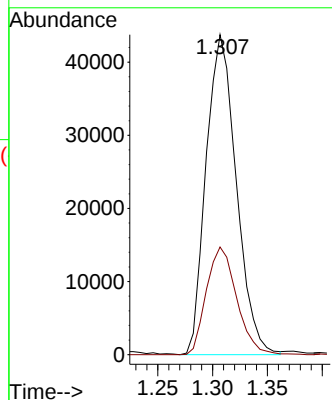
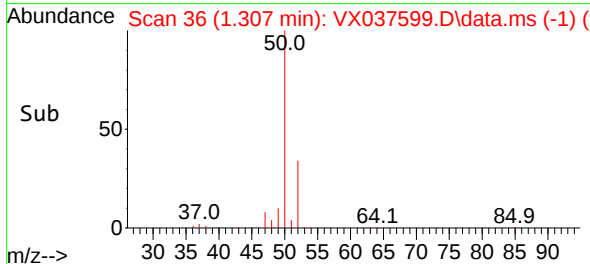
Instrument :
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VSTDICCC050



Tgt Ion: 50 Resp: 84028
Ion Ratio Lower Upper
50 100
52 33.6 25.5 38.3

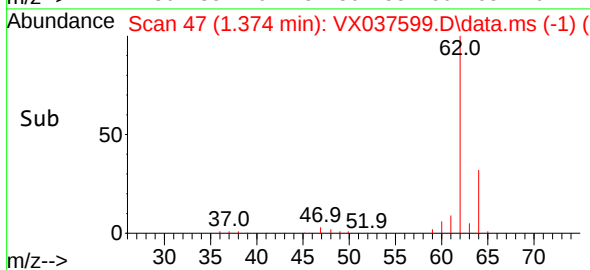
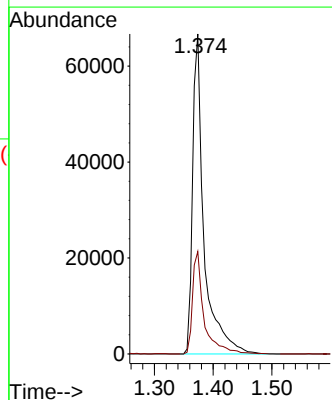
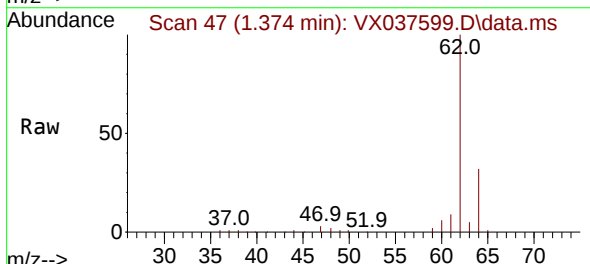
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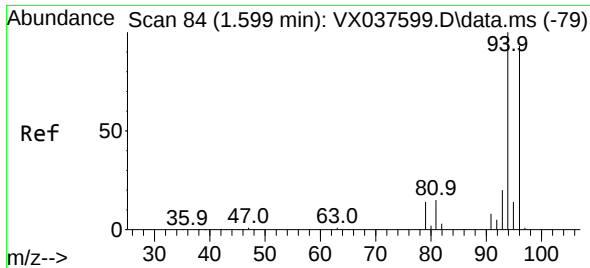
Reviewed By :John Carlone 09/09/2023
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#4
Vinyl Chloride
Concen: 51.341 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

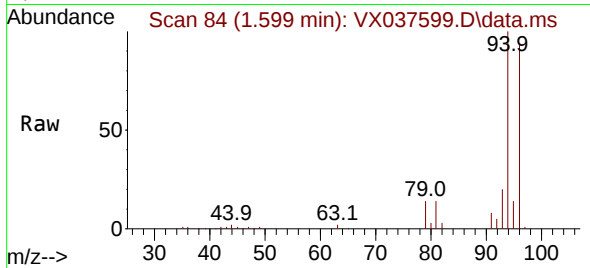
Tgt Ion: 62 Resp: 89267
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.0





#5
Bromomethane
Concen: 49.504 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

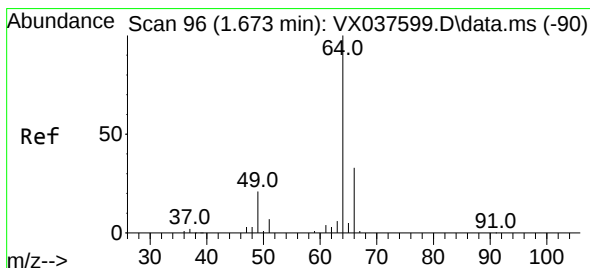
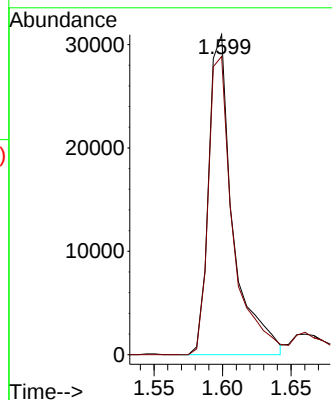
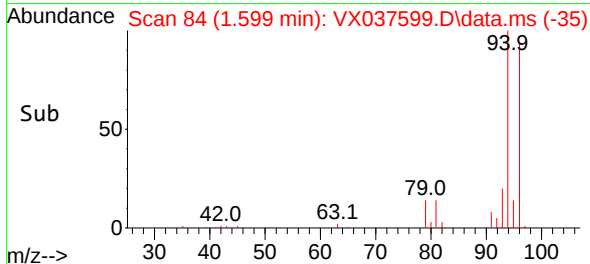
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Tgt Ion: 94 Resp: 3814
Ion Ratio Lower Upper
94 100
96 93.2 74.6 111.8

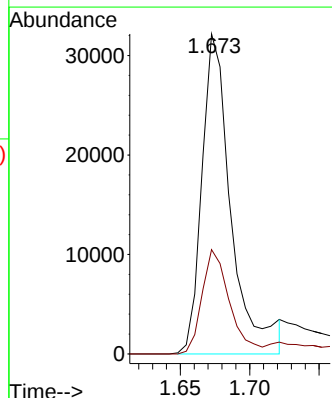
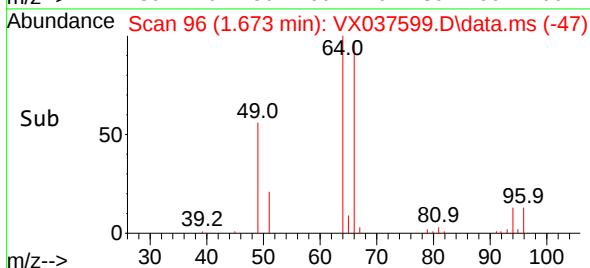
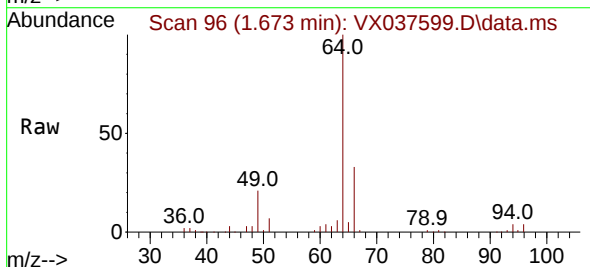
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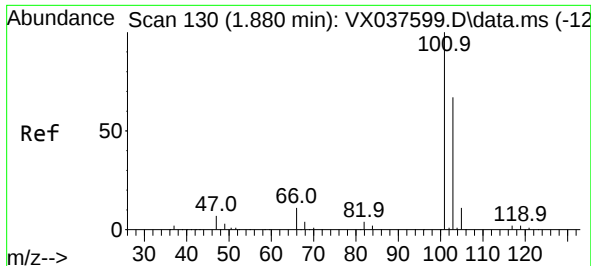
Reviewed By :John Carlone 09/09/2023
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#6
Chloroethane
Concen: 50.463 ug/l m
RT: 1.673 min Scan# 96
Delta R.T. -0.000 min
Lab File: VX037599.D
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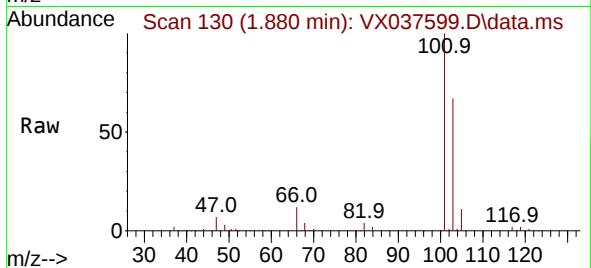
Tgt Ion: 64 Resp: 47006
Ion Ratio Lower Upper
64 100
66 32.6 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 54.134 ug/l
 RT: 1.880 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037599.D
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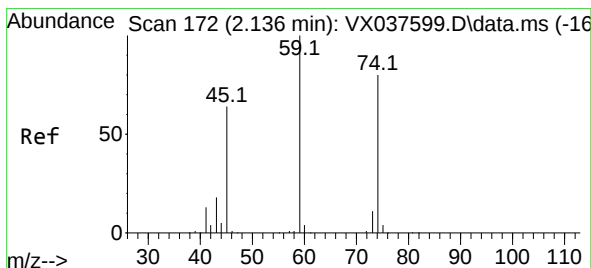
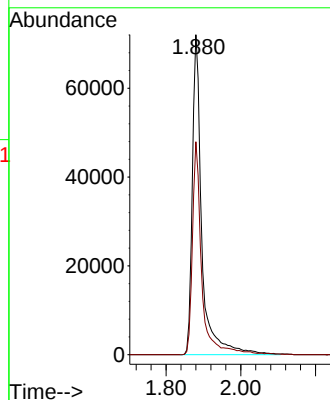
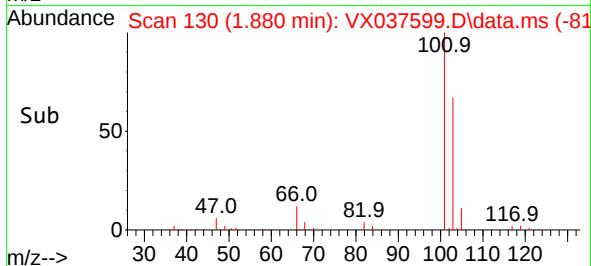
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



Tgt Ion:101 Resp: 12792
 Ion Ratio Lower Upper
 101 100
 103 66.6 51.4 77.2

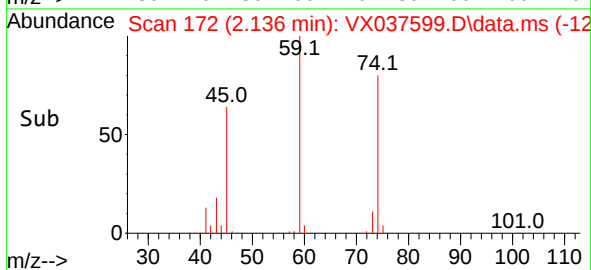
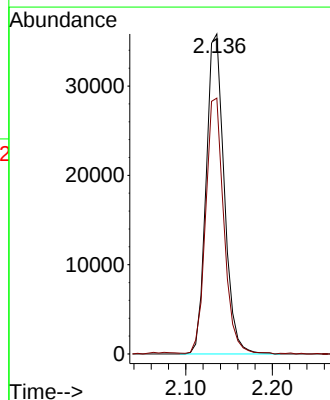
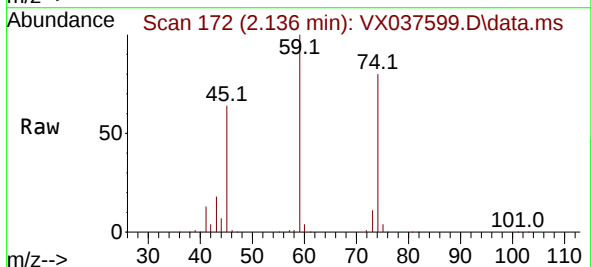
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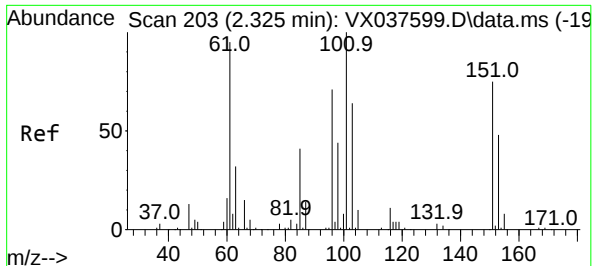
Reviewed By :John Carlone 09/09/2023
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#8
 Diethyl Ether
 Concen: 49.389 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 51873
 Ion Ratio Lower Upper
 74 100
 45 80.7 53.3 159.8





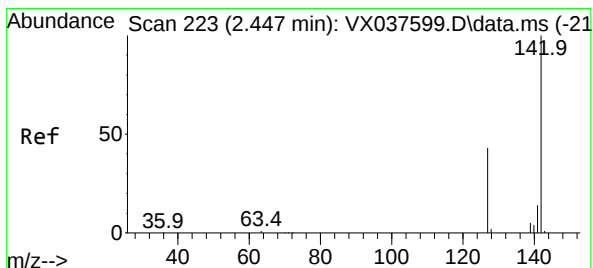
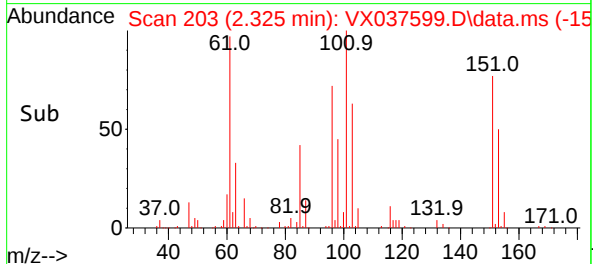
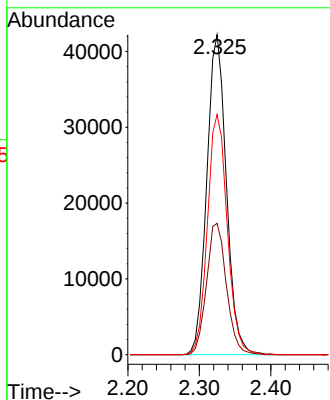
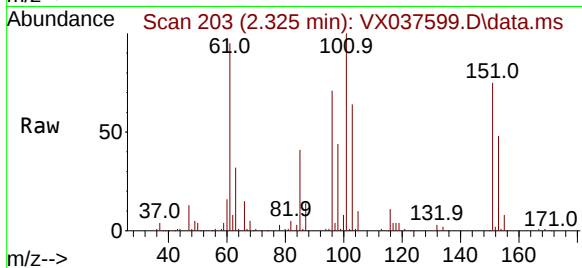
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.739 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 80194
Ion Ratio Lower Upper
101 100
85 41.8 37.0 55.6
151 76.2 58.6 87.8

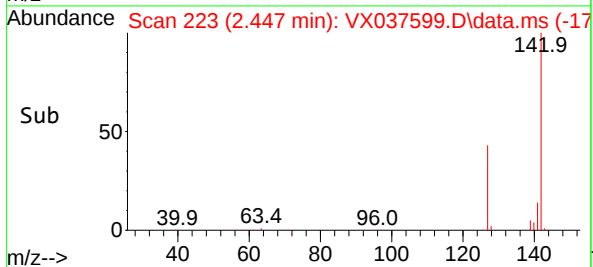
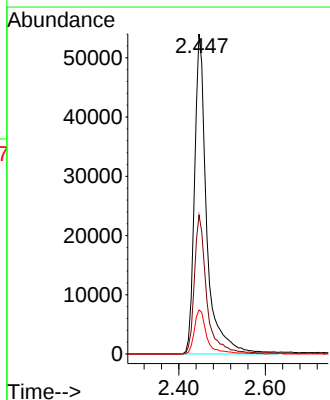
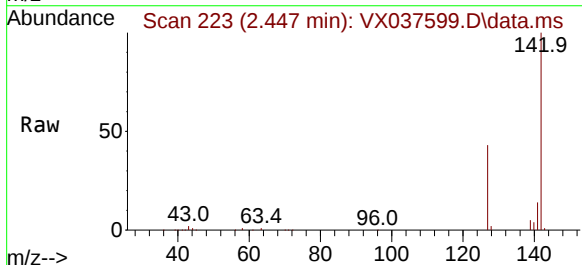
Manual Integrations
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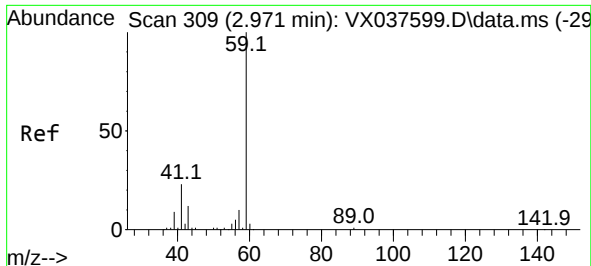
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#10
Methyl Iodide
Concen: 51.826 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

Tgt Ion:142 Resp: 106240
Ion Ratio Lower Upper
142 100
127 43.8 41.6 62.4
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 248.444 ug/l

RT: 2.971 min Scan# 309

Delta R.T. 0.000 min

Lab File: VX037599.D

Acq: 08 Sep 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 59 Resp: 111480

Ion Ratio Lower Upper

59 100

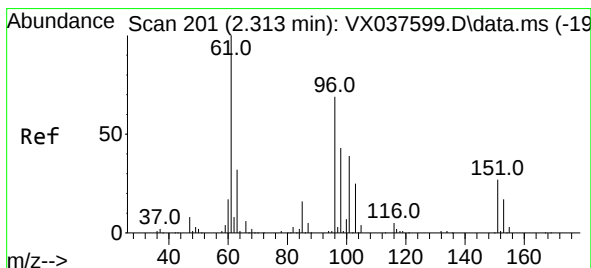
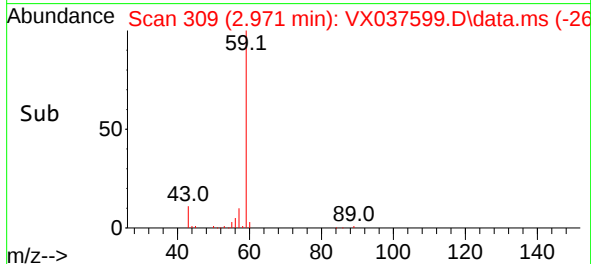
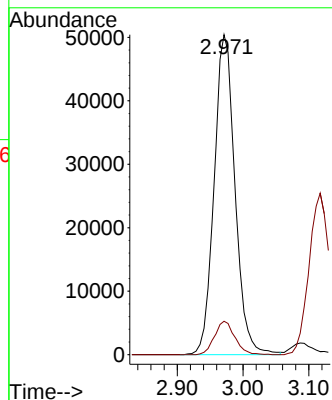
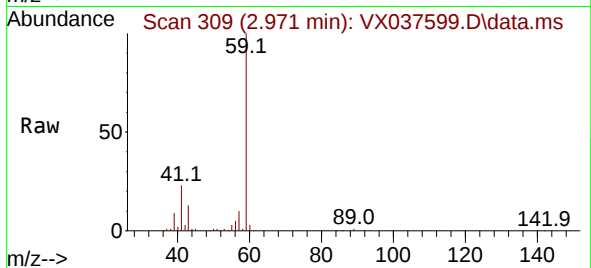
57 10.2 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#12

1,1-Dichloroethene

Concen: 50.237 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX037599.D

Acq: 08 Sep 2023 12:19

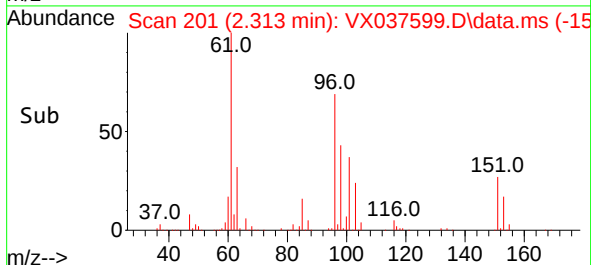
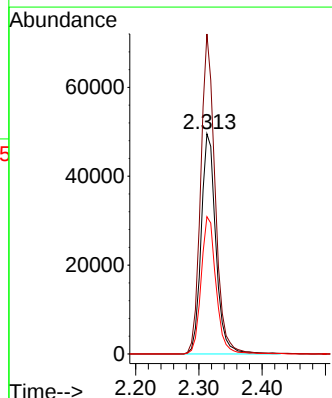
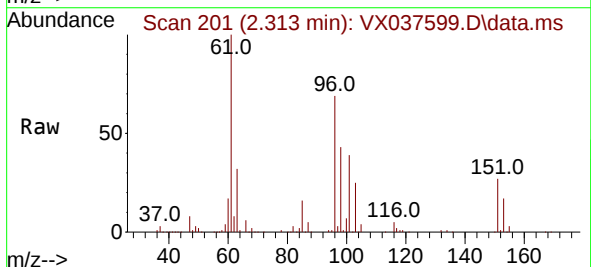
Tgt Ion: 96 Resp: 80145

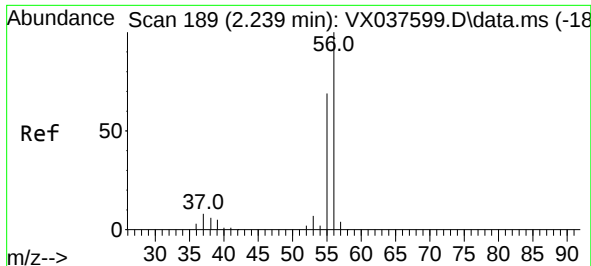
Ion Ratio Lower Upper

96 100

61 145.4 144.6 216.8

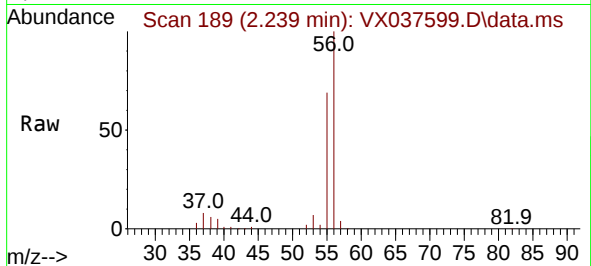
98 62.4 50.4 75.6





#13
Acrolein
Concen: 244.457 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

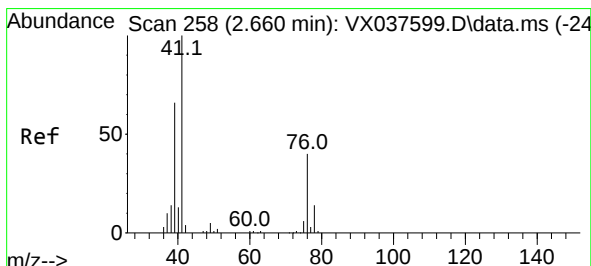
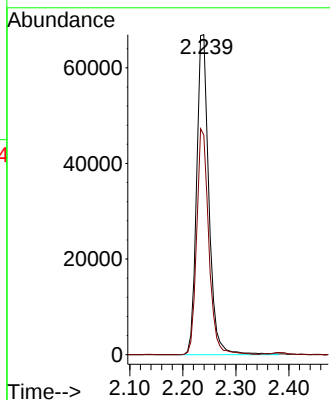
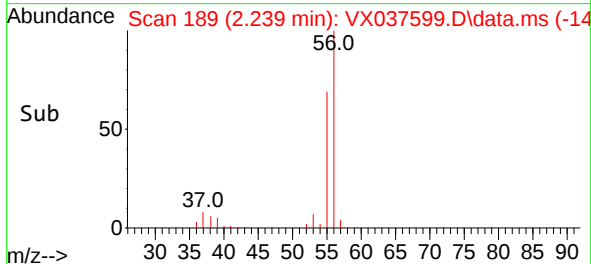
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 107849
Ion Ratio Lower Upper
56 100
55 69.7 57.1 85.7

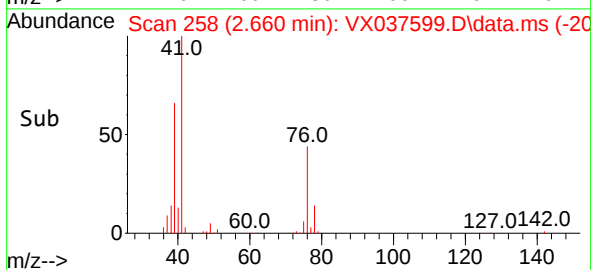
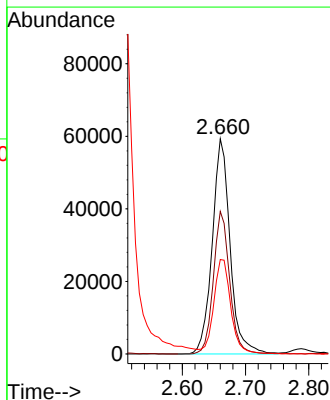
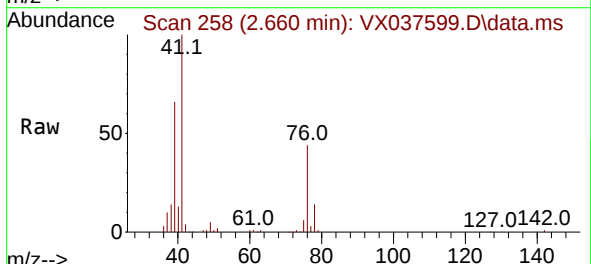
Manual Integrations
APPROVED

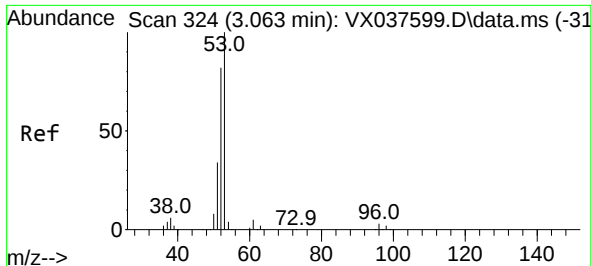
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#14
Allyl chloride
Concen: 52.047 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

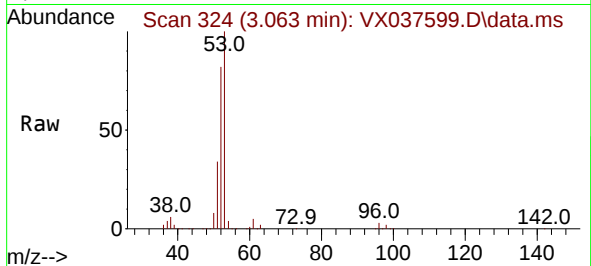
Tgt Ion: 41 Resp: 116433
Ion Ratio Lower Upper
41 100
39 60.4 55.8 83.6
76 42.2 24.3 36.5





#15
Acrylonitrile
Concen: 249.828 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

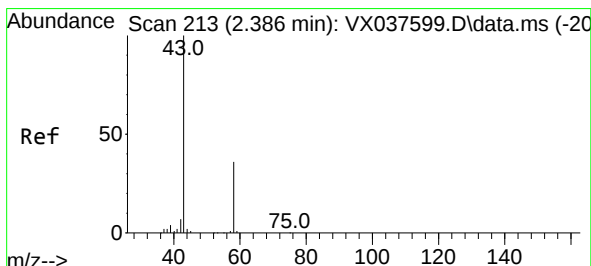
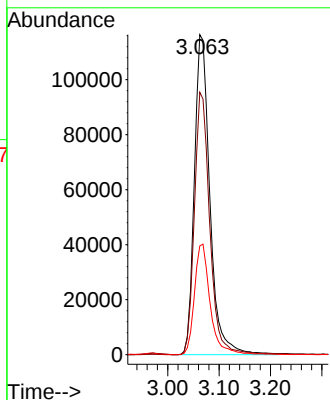
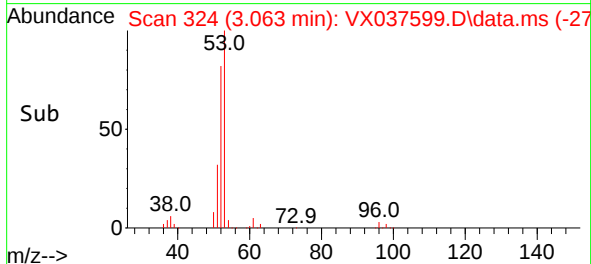
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 244415
Ion Ratio Lower Upper
53 100
52 81.5 66.0 99.0
51 35.2 29.8 44.6

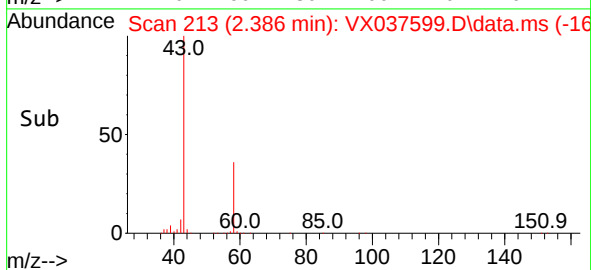
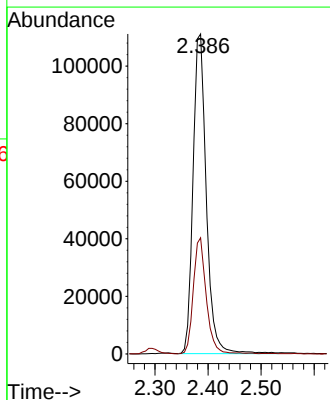
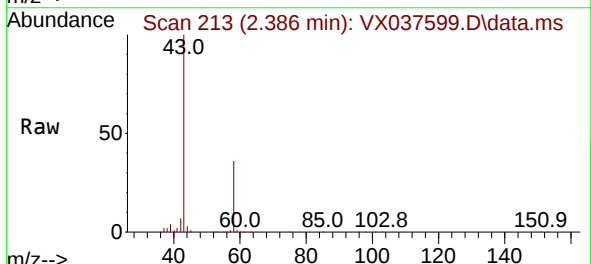
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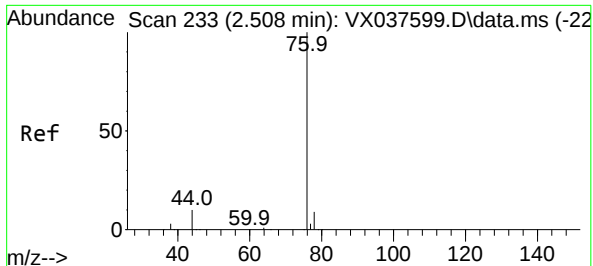
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#16
Acetone
Concen: 233.726 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

Tgt Ion: 43 Resp: 192748
Ion Ratio Lower Upper
43 100
58 36.3 21.9 32.9





#17

Carbon Disulfide

Concen: 48.709 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX037599.D

Acq: 08 Sep 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 194618

Ion Ratio Lower Upper

76 100

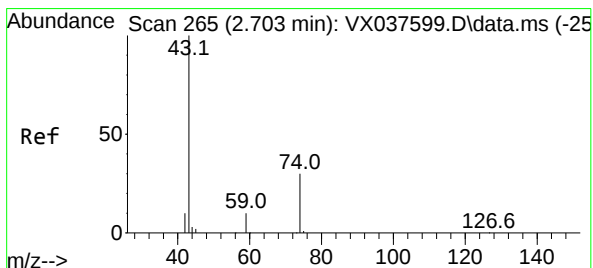
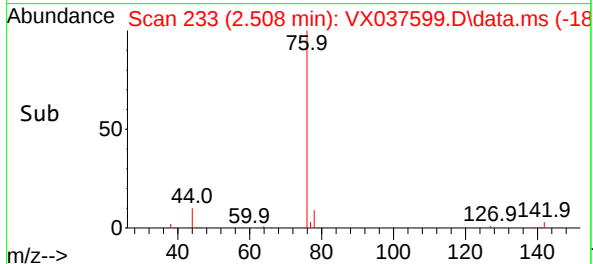
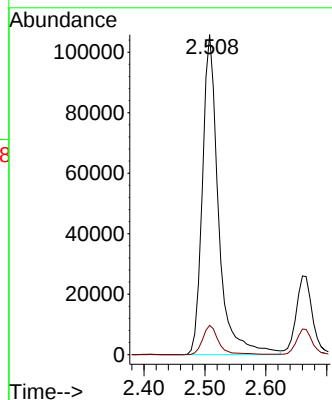
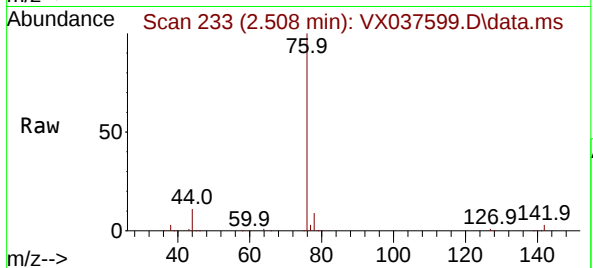
78 9.2 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#18

Methyl Acetate

Concen: 49.301 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX037599.D

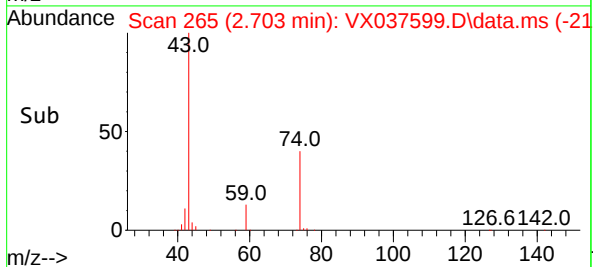
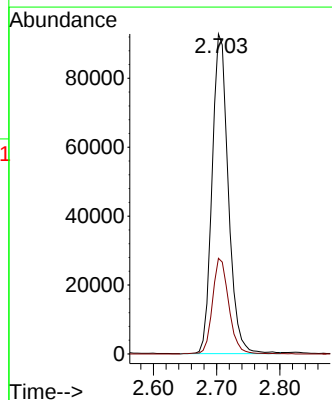
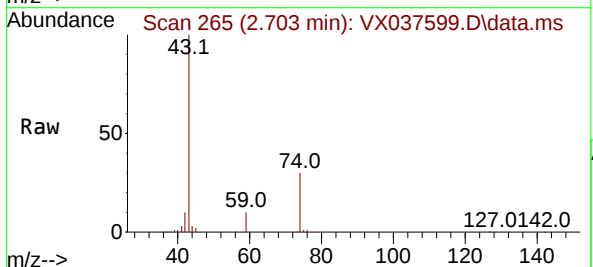
Acq: 08 Sep 2023 12:19

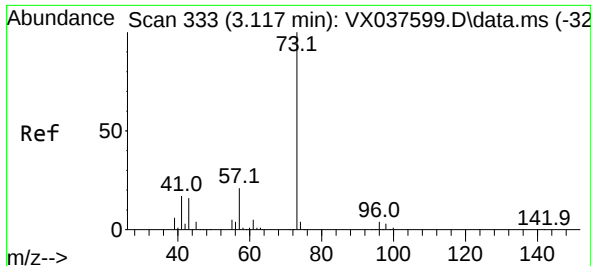
Tgt Ion: 43 Resp: 164951

Ion Ratio Lower Upper

43 100

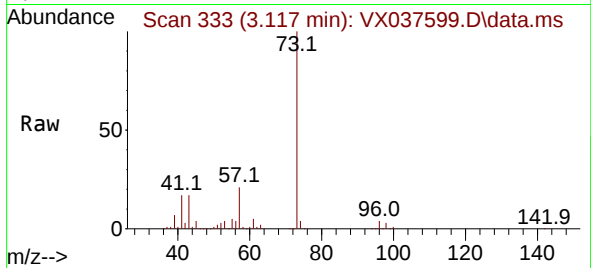
74 30.3 17.8 26.8#





#19
Methyl tert-butyl Ether
Concen: 50.203 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

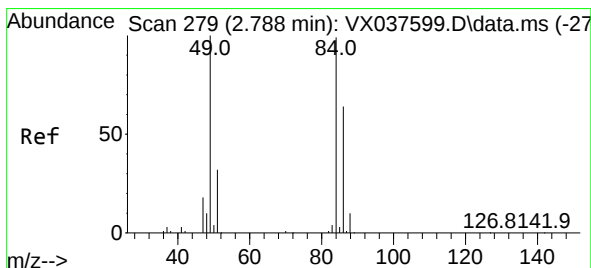
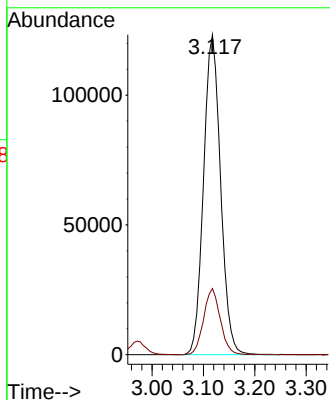
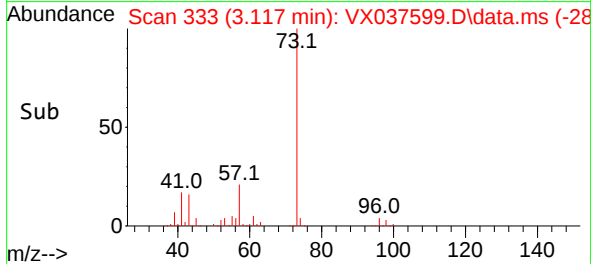
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 73 Resp: 28394
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9

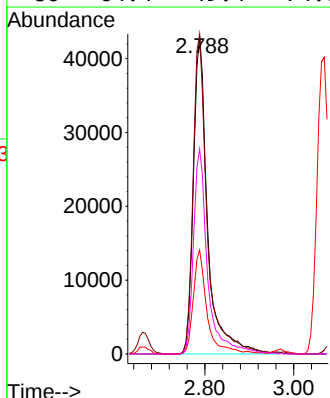
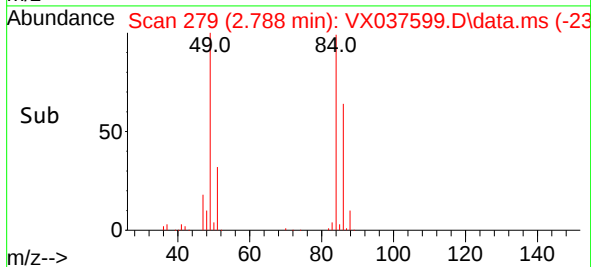
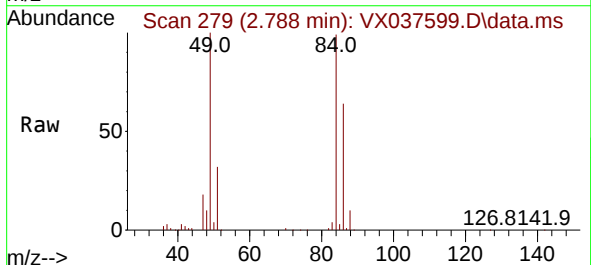
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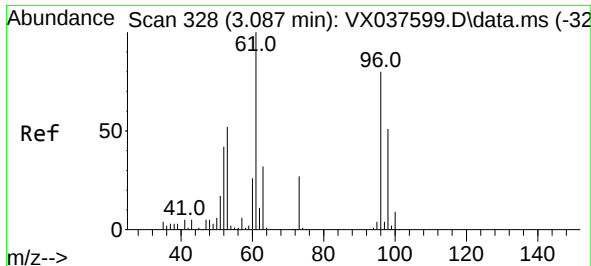
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#20
Methylene Chloride
Concen: 50.434 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

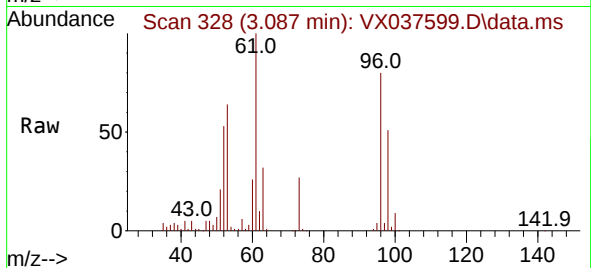
Tgt Ion: 84 Resp: 96002
Ion Ratio Lower Upper
84 100
49 100.5 103.6 155.4#
51 32.7 33.8 50.6#
86 64.4 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 50.173 ug/l
RT: 3.087 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

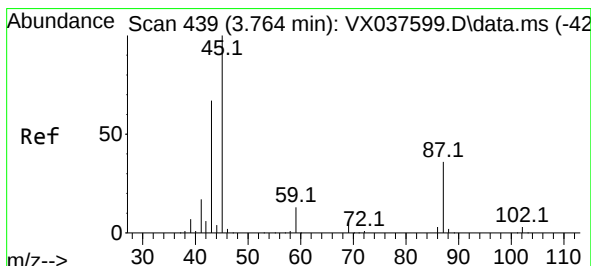
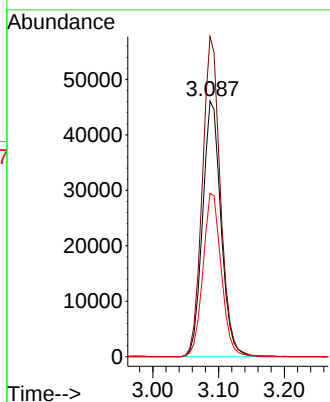
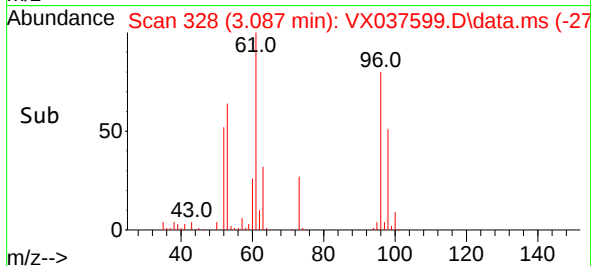
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 89412
Ion Ratio Lower Upper
96 100
61 125.2 119.2 178.8
98 63.8 48.7 73.1

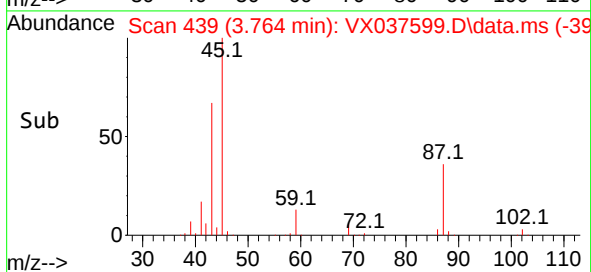
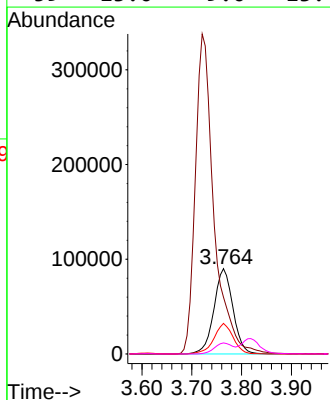
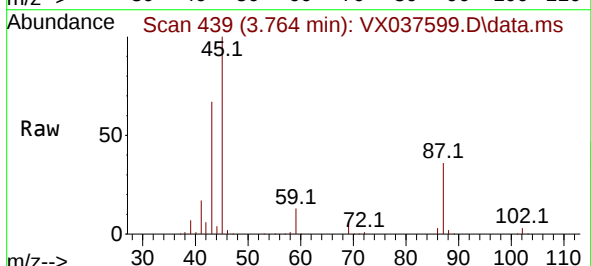
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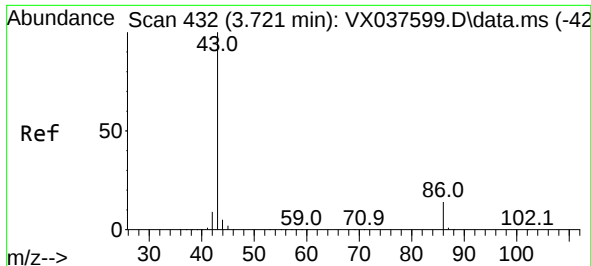
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#22
Diisopropyl ether
Concen: 50.401 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

Tgt Ion: 45 Resp: 238757
Ion Ratio Lower Upper
45 100
43 66.5 69.7 104.5#
87 35.8 20.8 31.2#
59 13.0 9.0 13.4





#23

Vinyl Acetate

Concen: 259.810 ug/l

RT: 3.721 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX037599.D

Acq: 08 Sep 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 878610

Ion Ratio Lower Upper

43 100

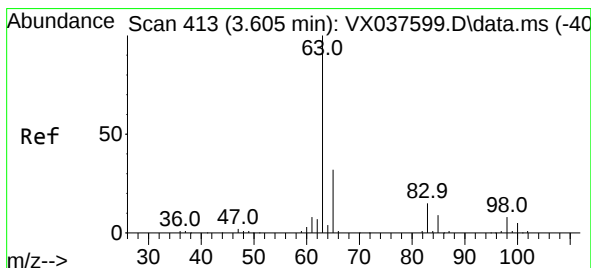
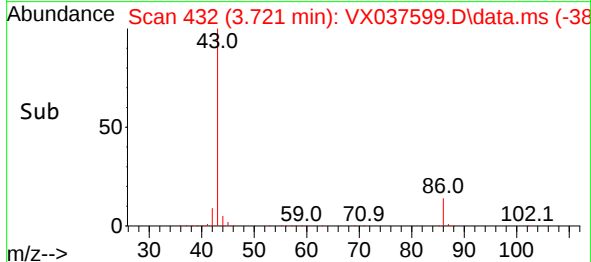
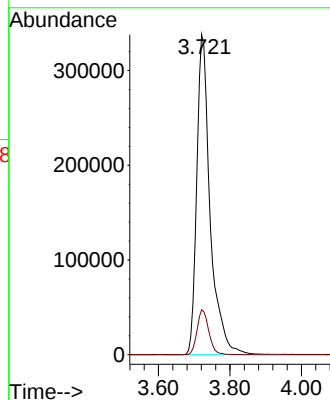
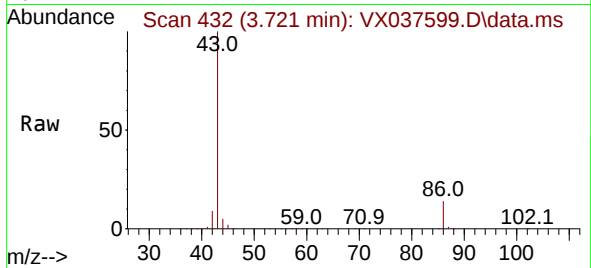
86 14.1 7.8 11.8

Manual Integrations

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Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#24

1,1-Dichloroethane

Concen: 49.761 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX037599.D

Acq: 08 Sep 2023 12:19

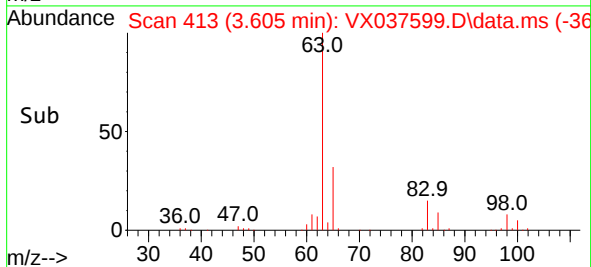
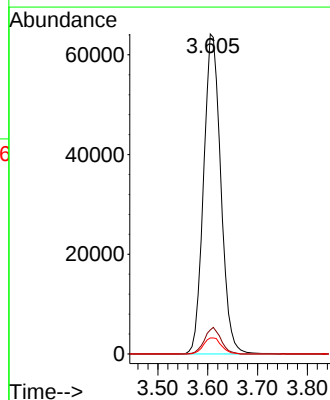
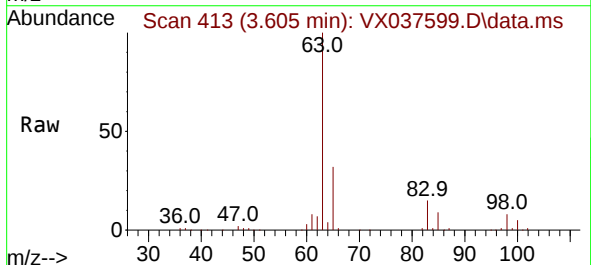
Tgt Ion: 63 Resp: 153613

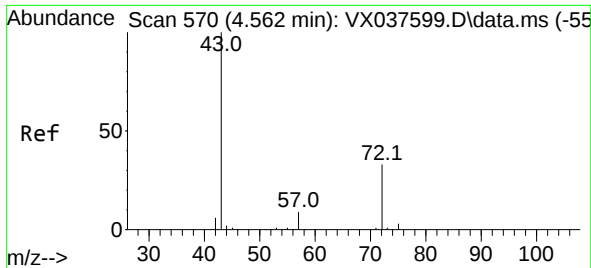
Ion Ratio Lower Upper

63 100

98 7.5 3.3 9.8

100 5.0 2.1 6.5





#25

2-Butanone

Concen: 245.244 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.000 min

Lab File: VX037599.D

Acq: 08 Sep 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 306729

Ion Ratio Lower Upper

43 100

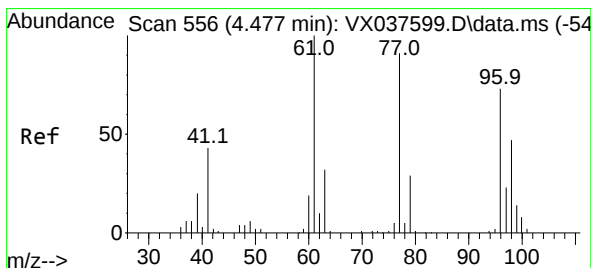
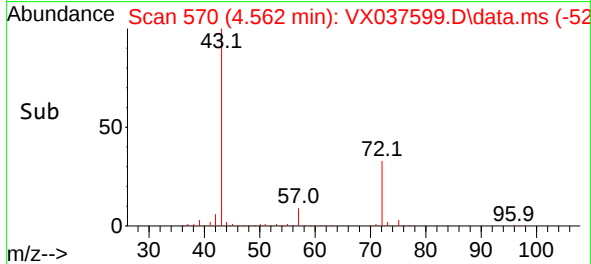
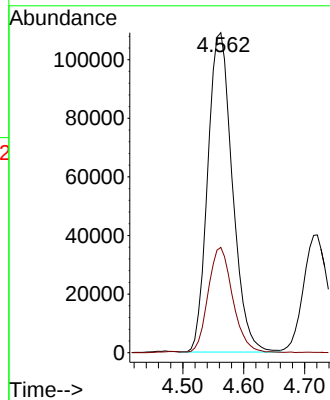
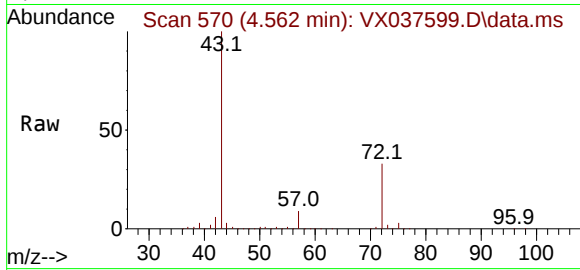
72 32.8 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#26

2,2-Dichloropropane

Concen: 51.002 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX037599.D

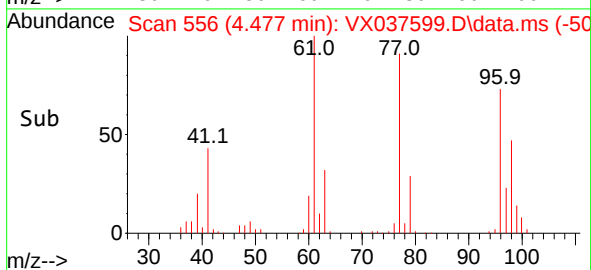
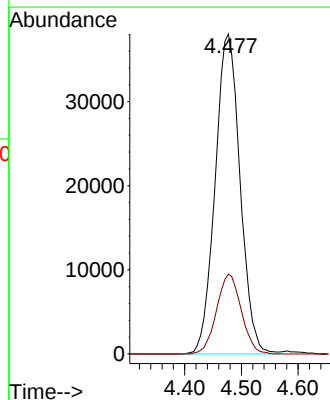
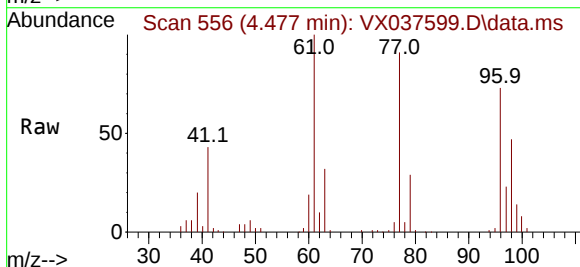
Acq: 08 Sep 2023 12:19

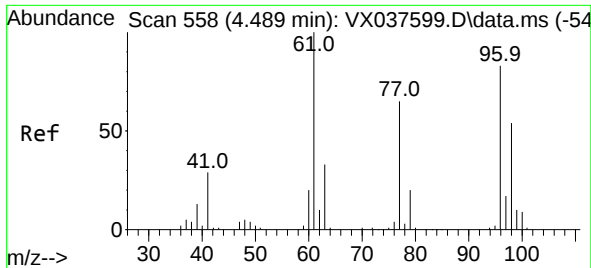
Tgt Ion: 77 Resp: 116068

Ion Ratio Lower Upper

77 100

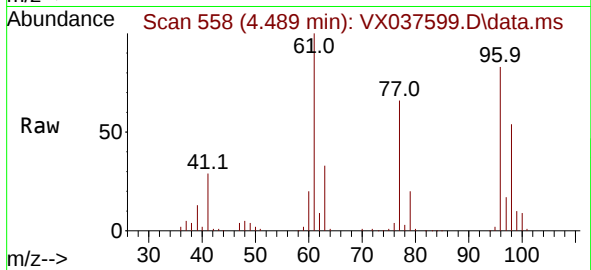
97 24.7 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 49.798 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX037599.D
 Acq: 08 Sep 2023 12:19

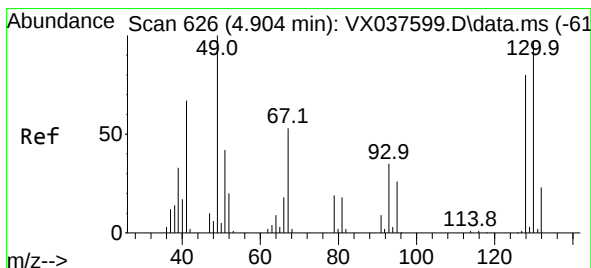
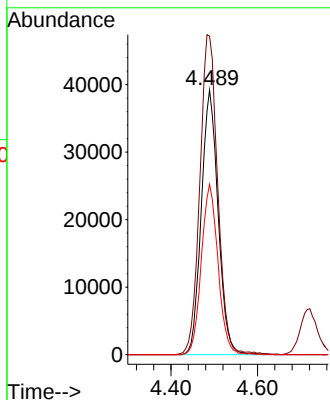
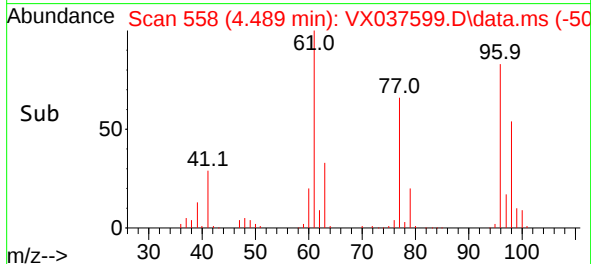
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



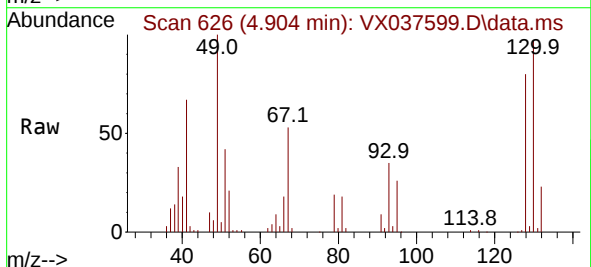
Tgt Ion: 96 Resp: 105754
 Ion Ratio Lower Upper
 96 100
 61 128.6 0.0 312.2
 98 63.9 0.0 129.0

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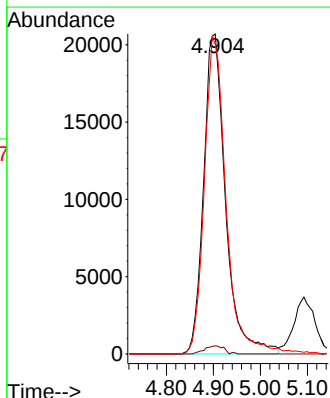
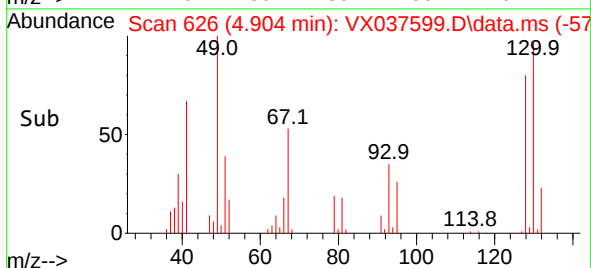
Reviewed By :John Carlone 09/09/2023
 Supervised By :Mahesh Dadoda 09/11/2023

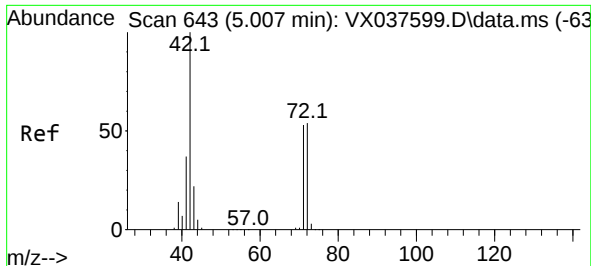


#28
 Bromochloromethane
 Concen: 49.687 ug/l
 RT: 4.904 min Scan# 626
 Delta R.T. 0.000 min
 Lab File: VX037599.D
 Acq: 08 Sep 2023 12:19



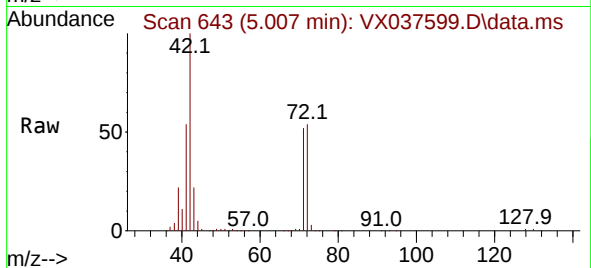
Tgt Ion: 49 Resp: 66953
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 3.8
 130 98.9 57.5 86.3#





#29
Tetrahydrofuran
Concen: 248.990 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

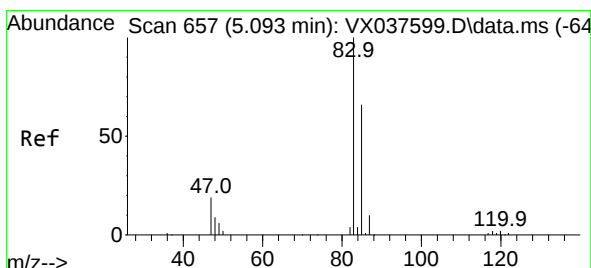
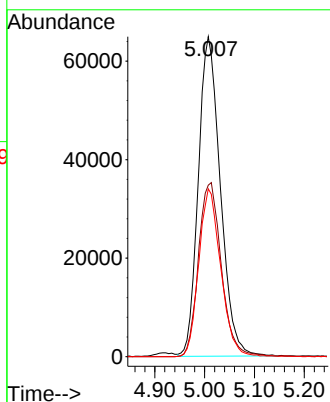
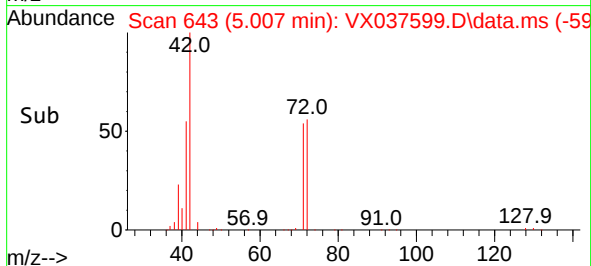
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 42 Resp: 19950
Ion Ratio Lower Upper
42 100
72 56.5 34.2 51.4
71 52.3 32.2 48.2

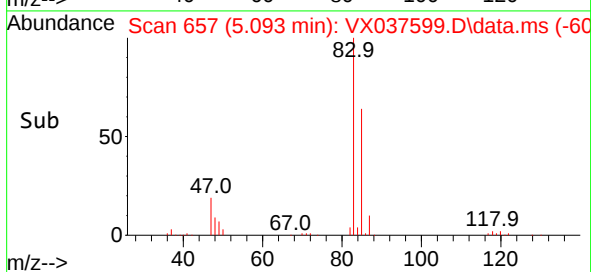
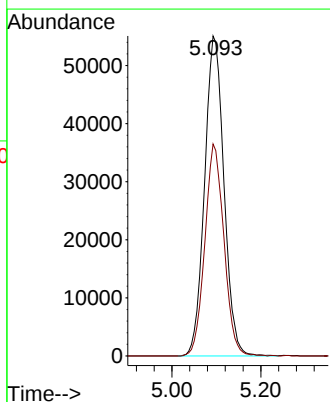
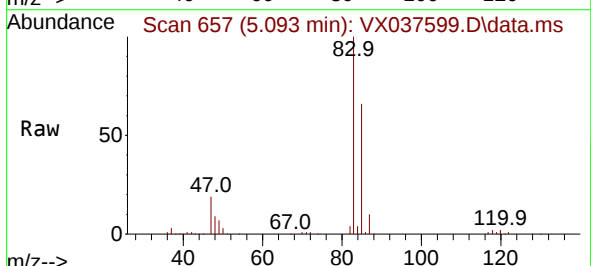
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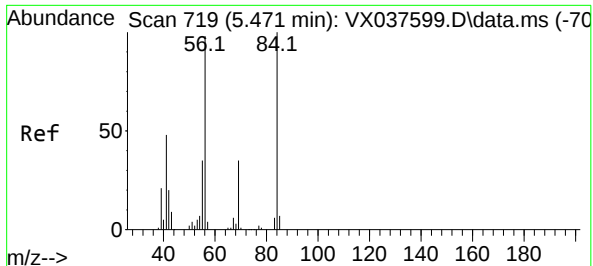
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#30
Chloroform
Concen: 50.504 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

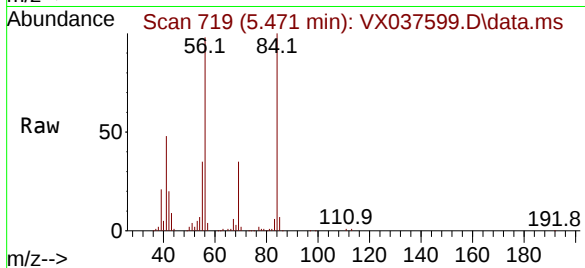
Tgt Ion: 83 Resp: 167280
Ion Ratio Lower Upper
83 100
85 66.3 50.3 75.5





#31
Cyclohexane
Concen: 50.891 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

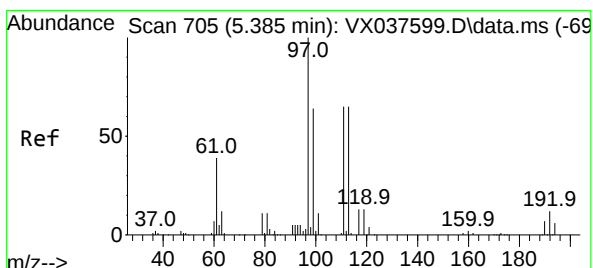
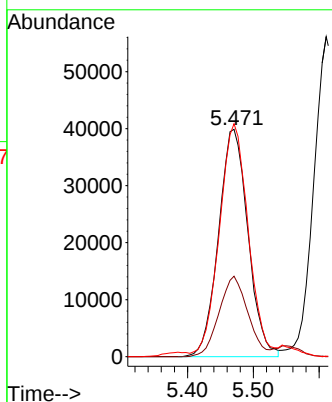
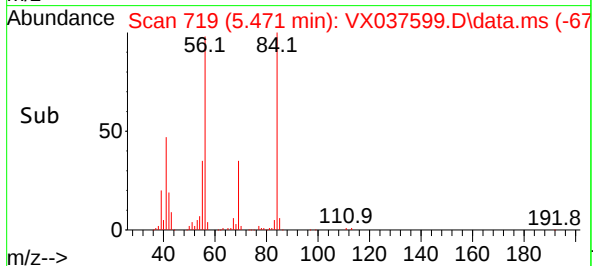
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 124174
Ion Ratio Lower Upper
56 100
69 35.4 23.4 35.2
84 100.6 65.9 98.9

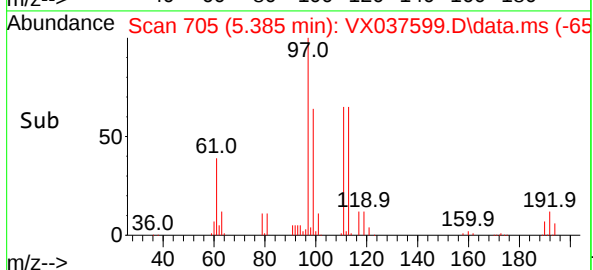
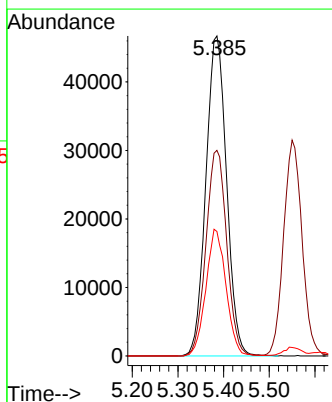
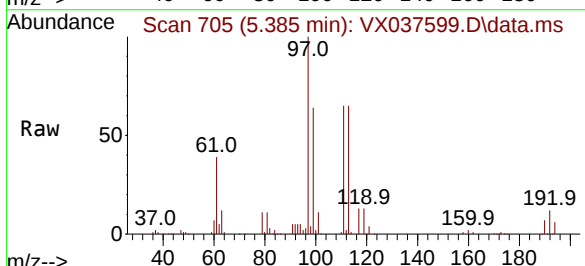
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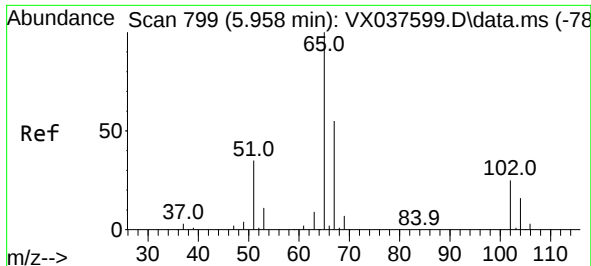
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#32
1,1,1-Trichloroethane
Concen: 51.468 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

Tgt Ion: 97 Resp: 146824
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 38.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 49.099 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037599.D

Acq: 08 Sep 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 9846

Ion Ratio Lower Upper

65 100

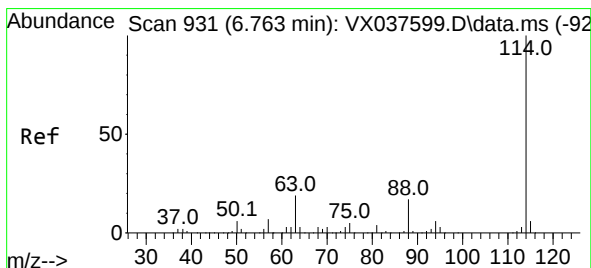
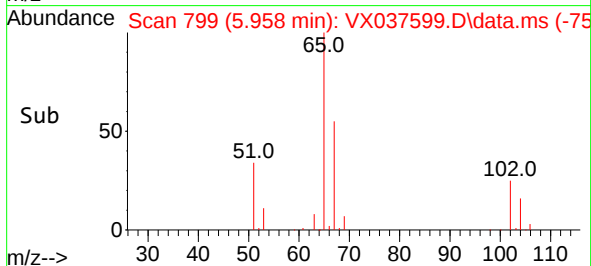
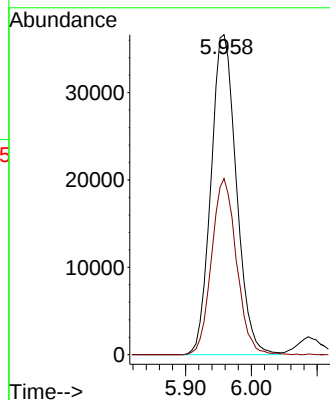
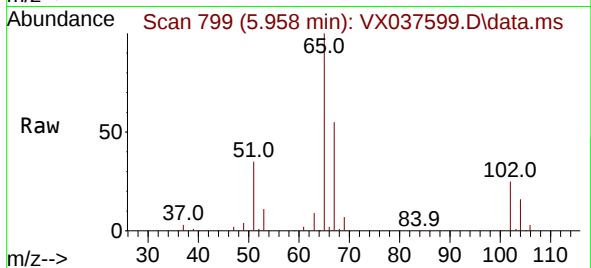
67 53.9 0.0 100.2

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Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX037599.D

Acq: 08 Sep 2023 12:19

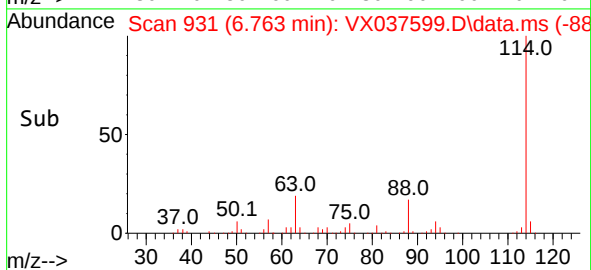
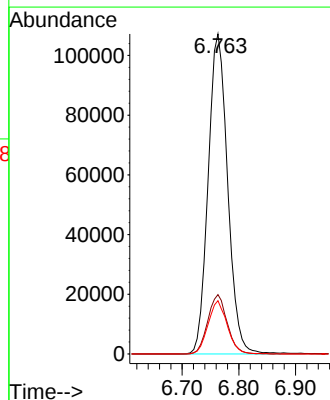
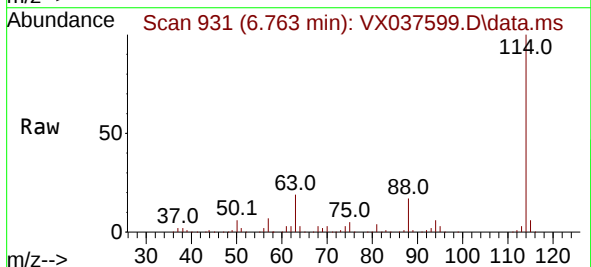
Tgt Ion:114 Resp: 255858

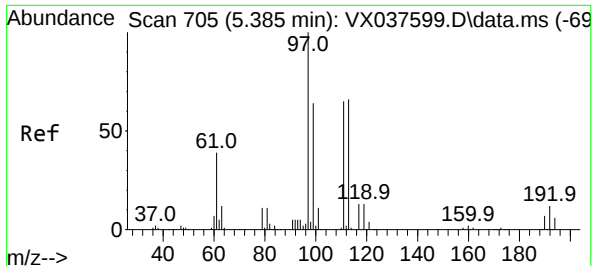
Ion Ratio Lower Upper

114 100

63 18.6 0.0 45.0

88 16.7 0.0 36.6





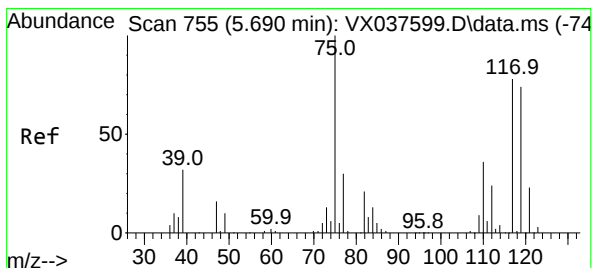
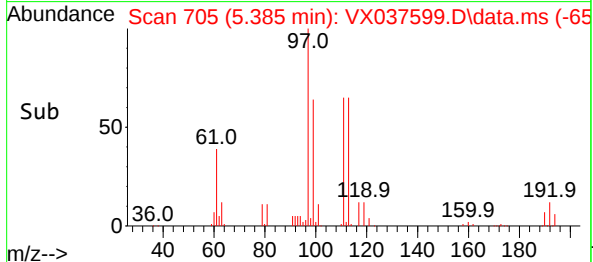
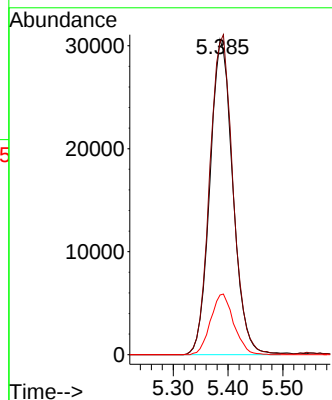
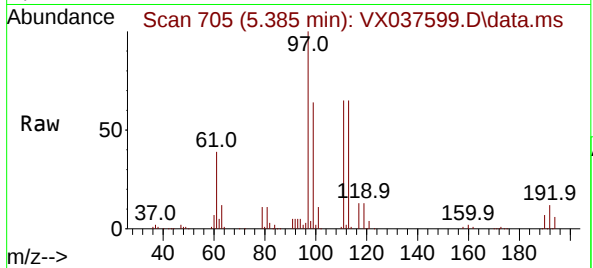
#35
Dibromofluoromethane
Concen: 49.639 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:113 Resp: 8883
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 19.4 13.3 19.9

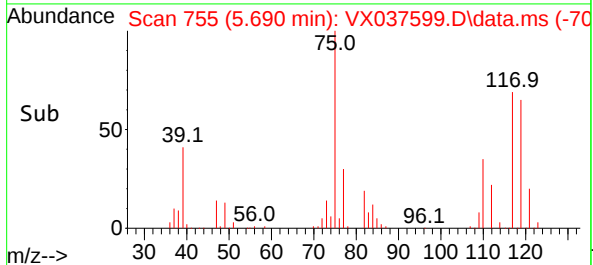
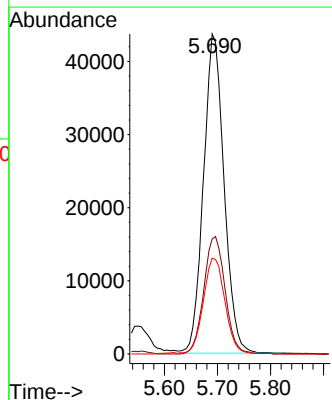
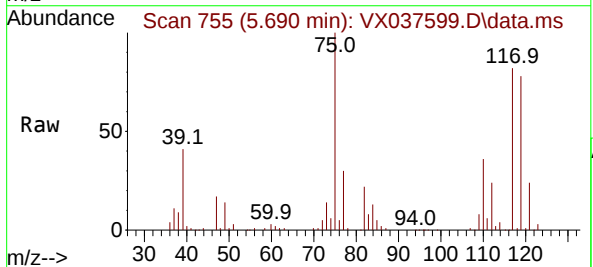
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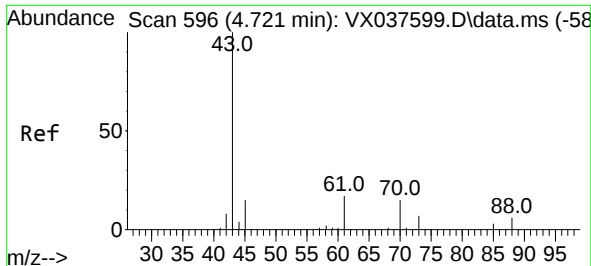
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#36
1,1-Dichloropropene
Concen: 49.678 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

Tgt Ion: 75 Resp: 117448
Ion Ratio Lower Upper
75 100
110 38.1 17.0 50.9
77 31.7 24.7 37.1





#37

Ethyl Acetate

Concen: 49.019 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX037599.D

Acq: 08 Sep 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 118824

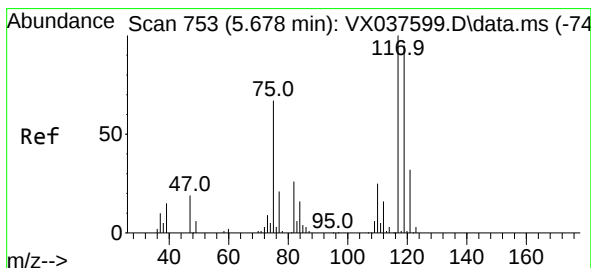
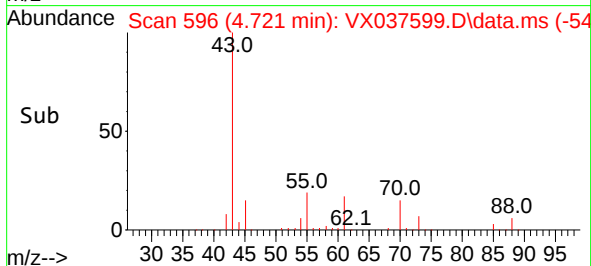
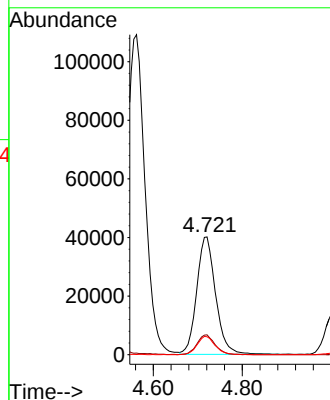
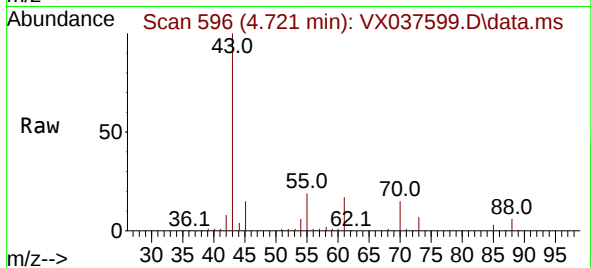
Ion	Ratio	Lower	Upper
43	100		
61	16.1	10.6	16.0
70	14.8	8.3	12.5

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Supervised By :Mahesh Dadoda 09/11/2023



#38

Carbon Tetrachloride

Concen: 52.455 ug/l

RT: 5.678 min Scan# 753

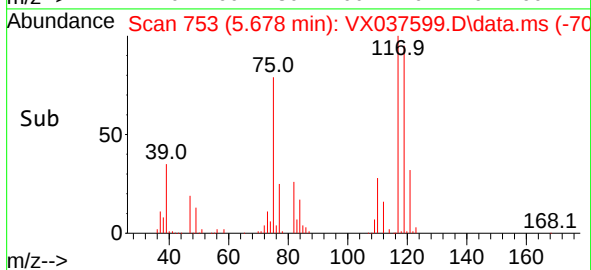
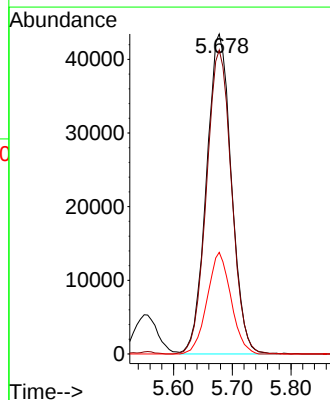
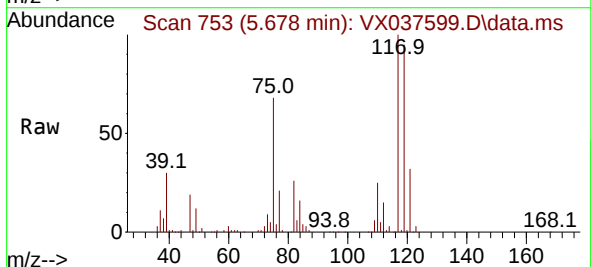
Delta R.T. 0.000 min

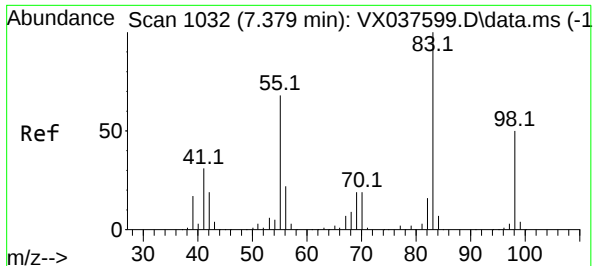
Lab File: VX037599.D

Acq: 08 Sep 2023 12:19

Tgt Ion:117 Resp: 128169

Ion	Ratio	Lower	Upper
117	100		
119	94.9	78.2	117.2
121	31.8	24.4	36.6





#39

Methylcyclohexane

Concen: 51.675 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX037599.D

Acq: 08 Sep 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 148960

Ion Ratio Lower Upper

83 100

55 67.9 64.6 97.0

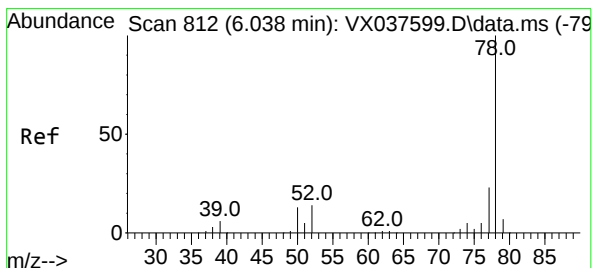
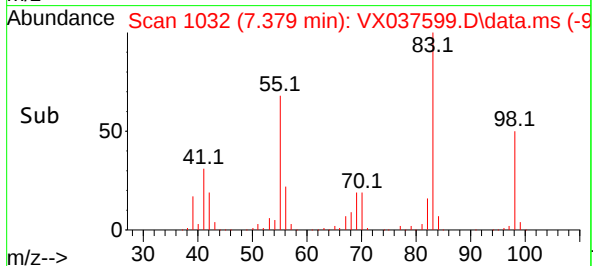
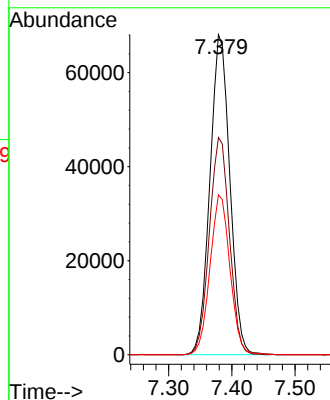
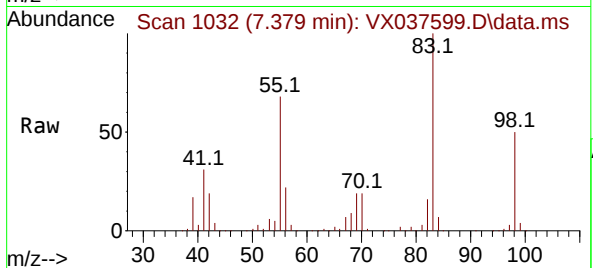
98 50.0 36.7 55.1

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Supervised By :Mahesh Dadoda 09/11/2023



#40

Benzene

Concen: 50.118 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX037599.D

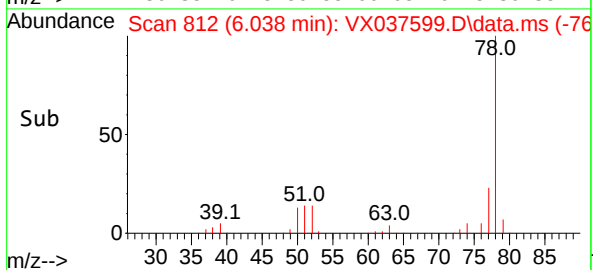
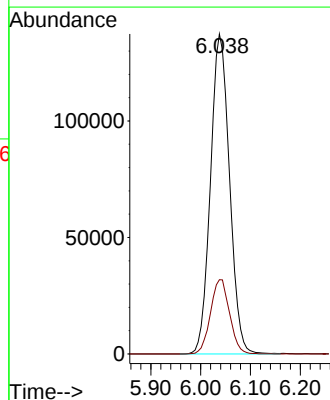
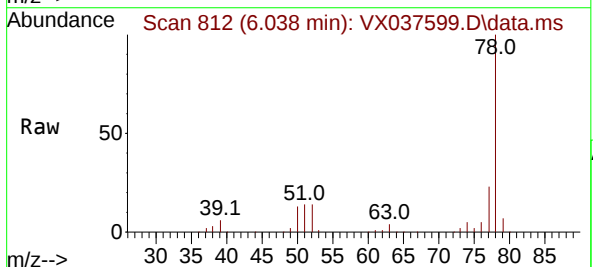
Acq: 08 Sep 2023 12:19

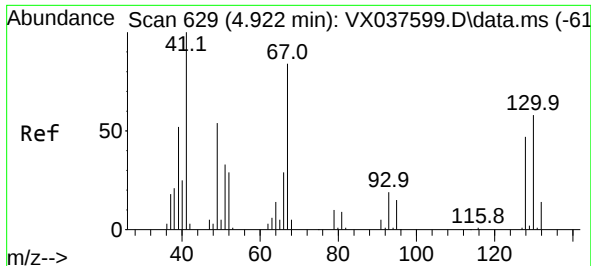
Tgt Ion: 78 Resp: 364579

Ion Ratio Lower Upper

78 100

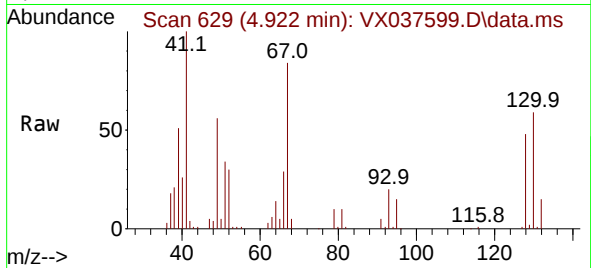
77 23.2 19.3 28.9





#41
Methacrylonitrile
Concen: 51.670 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

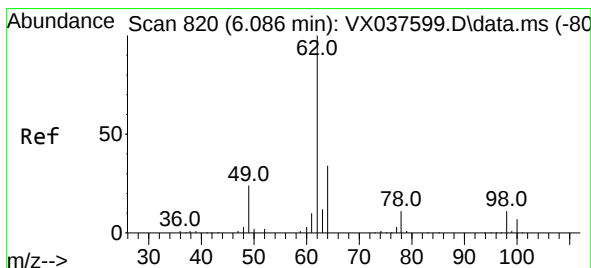
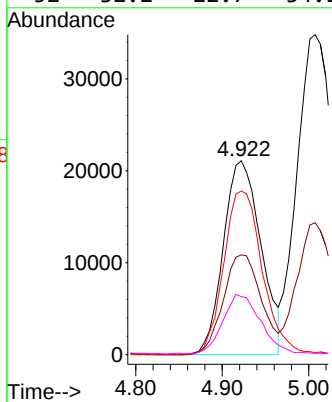
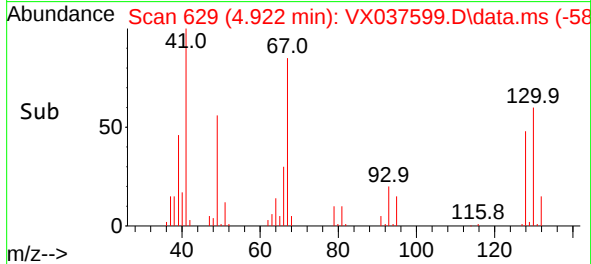
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 6380
Ion Ratio Lower Upper
41 100
39 52.1 45.2 67.8
67 87.3 52.6 78.8
52 32.2 22.7 34.1

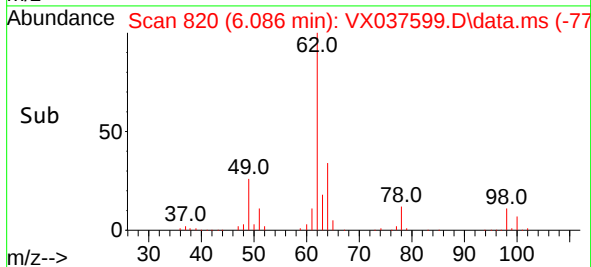
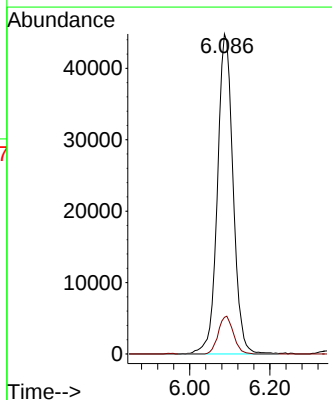
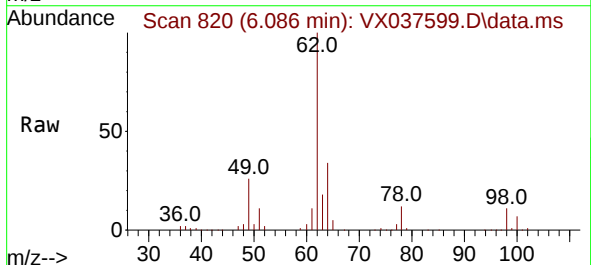
Manual Integrations
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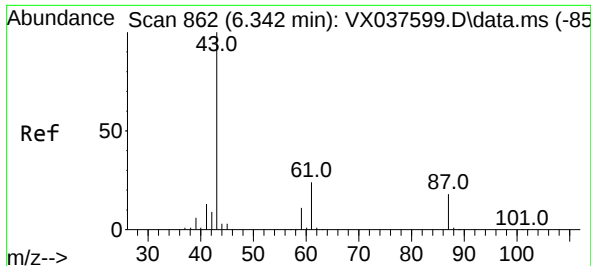
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#42
1,2-Dichloroethane
Concen: 49.865 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

Tgt Ion: 62 Resp: 121465
Ion Ratio Lower Upper
62 100
98 11.4 0.0 16.0





#43

Isopropyl Acetate

Concen: 50.911 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX037599.D

Acq: 08 Sep 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

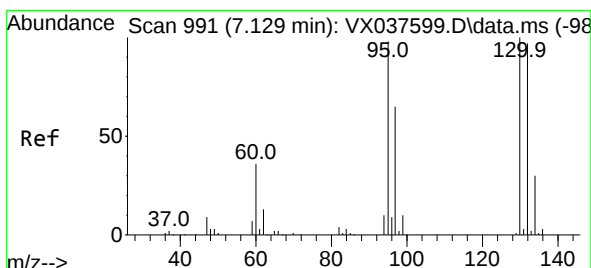
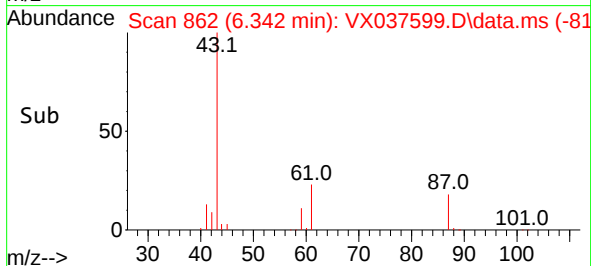
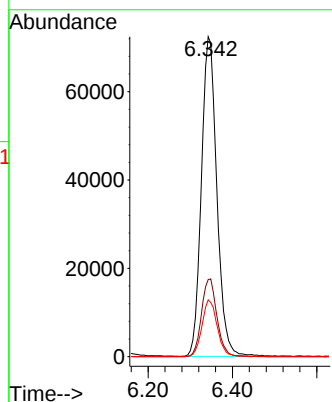
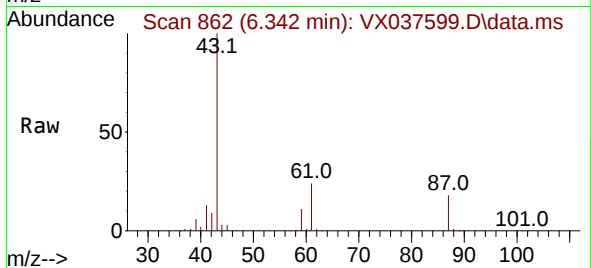
Tgt Ion: 43	Resp: 18484
Ion Ratio	Lower Upper
43 100	
61 24.3	15.2 22.8
87 17.5	9.8 14.6

Manual Integrations

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Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#44

Trichloroethene

Concen: 48.680 ug/l

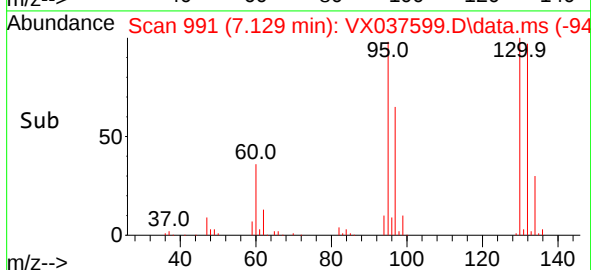
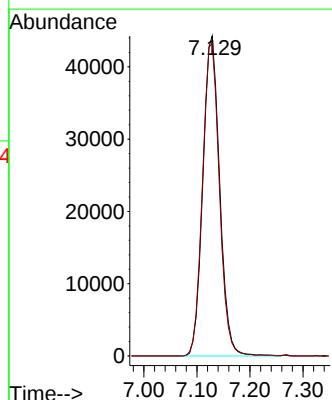
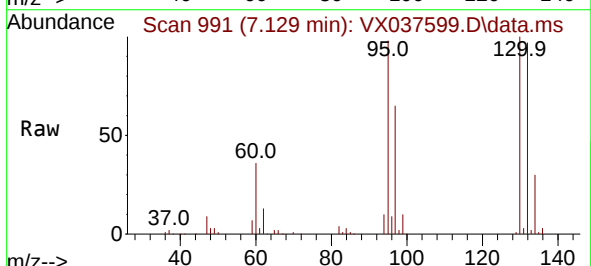
RT: 7.129 min Scan# 991

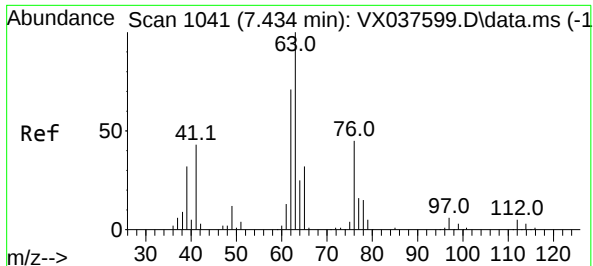
Delta R.T. 0.000 min

Lab File: VX037599.D

Acq: 08 Sep 2023 12:19

Tgt Ion:130	Resp: 97270
Ion Ratio	Lower Upper
130 100	
95 97.7	0.0 204.4





#45

1,2-Dichloropropane

Concen: 50.850 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX037599.D

Acq: 08 Sep 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 90589

Ion Ratio Lower Upper

63 100

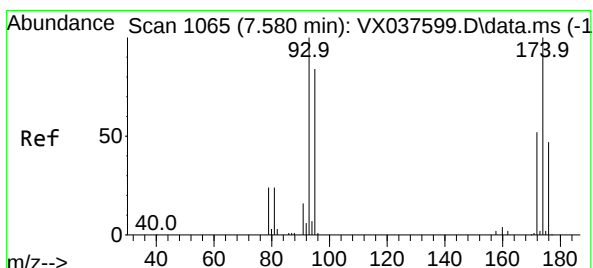
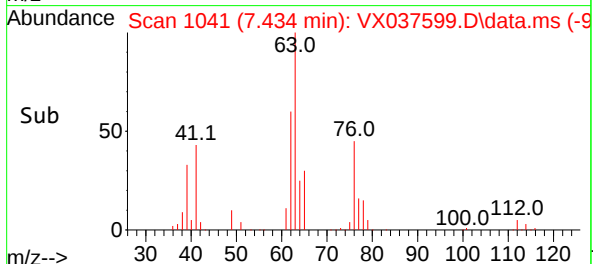
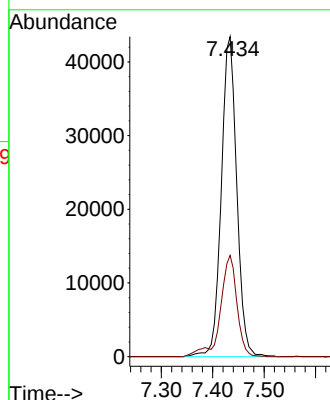
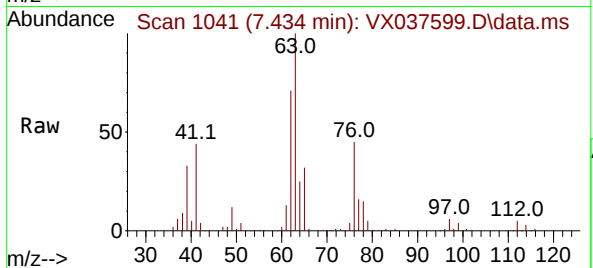
65 31.6 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#46

Dibromomethane

Concen: 50.914 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX037599.D

Acq: 08 Sep 2023 12:19

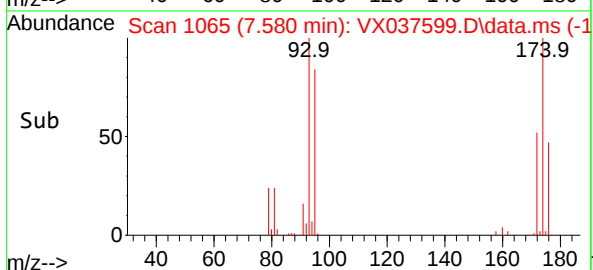
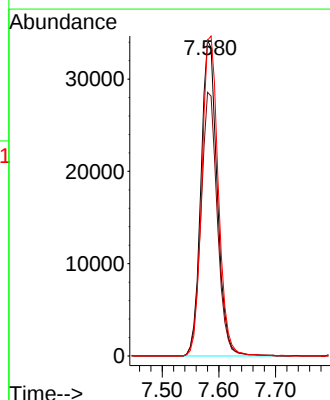
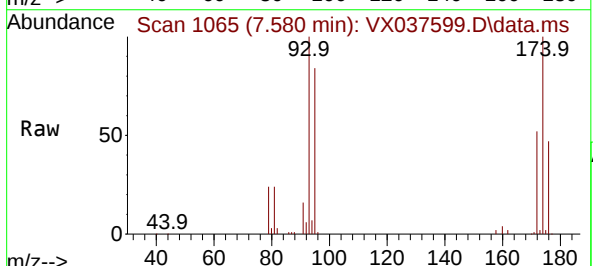
Tgt Ion: 93 Resp: 68072

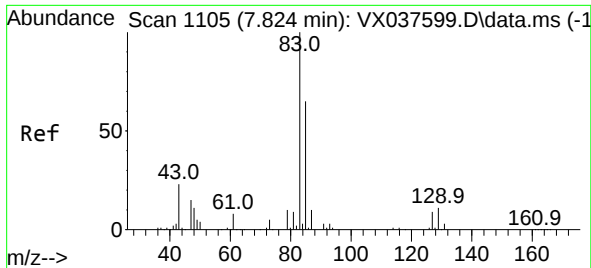
Ion Ratio Lower Upper

93 100

95 83.8 66.6 100.0

174 102.5 69.4 104.0





#47

Bromodichloromethane

Concen: 51.805 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX037599.D

Acq: 08 Sep 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

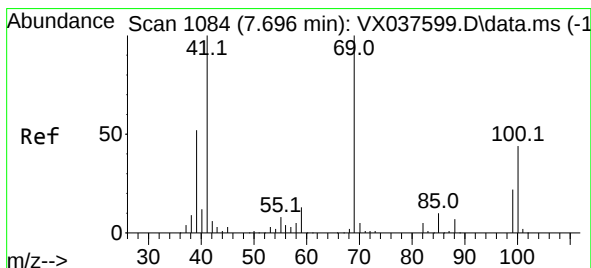
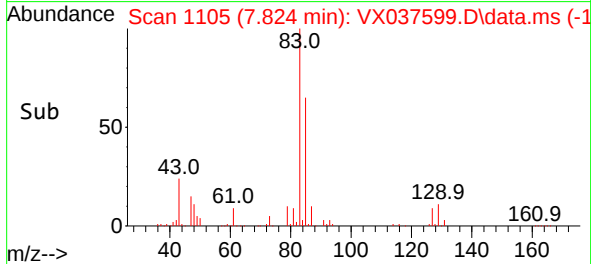
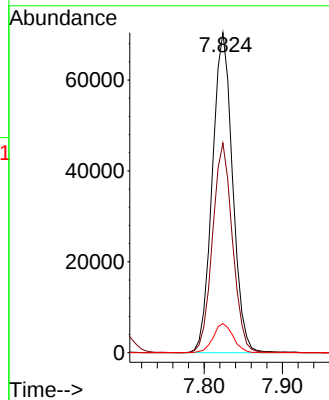
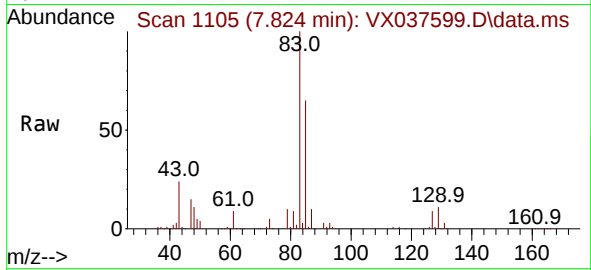
Tgt Ion: 83	Resp: 12656
Ion Ratio	Lower Upper
83 100	
85 65.5	49.8 74.6
127 9.1	7.1 10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#48

Methyl methacrylate

Concen: 52.616 ug/l

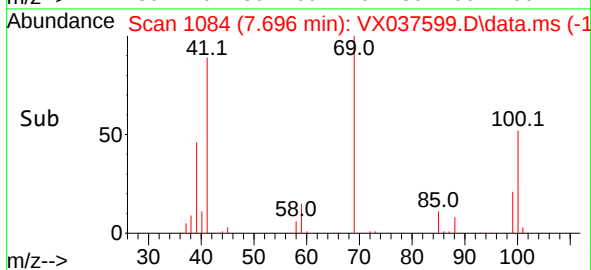
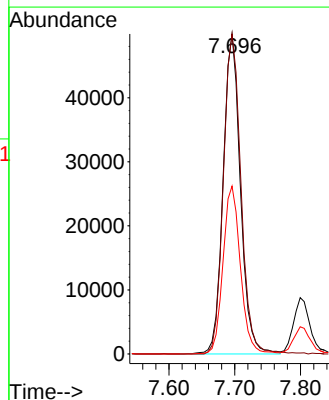
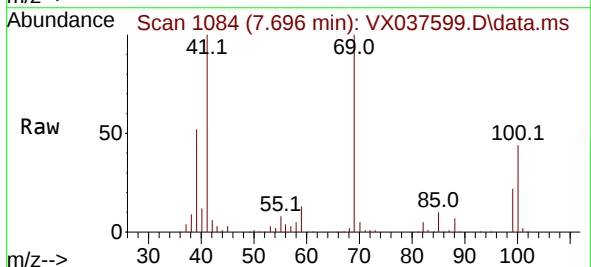
RT: 7.696 min Scan# 1084

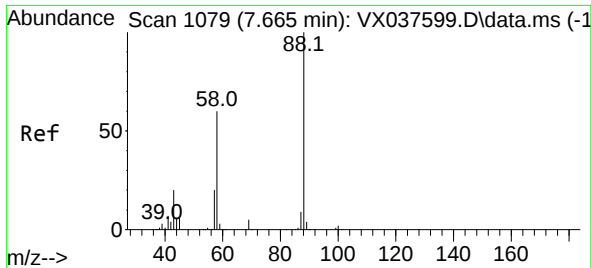
Delta R.T. 0.000 min

Lab File: VX037599.D

Acq: 08 Sep 2023 12:19

Tgt Ion: 41	Resp: 91430
Ion Ratio	Lower Upper
41 100	
69 101.6	59.2 88.8
39 52.9	47.7 71.5





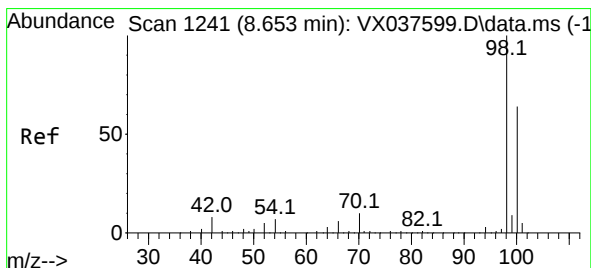
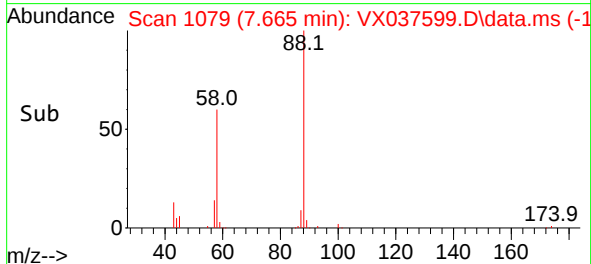
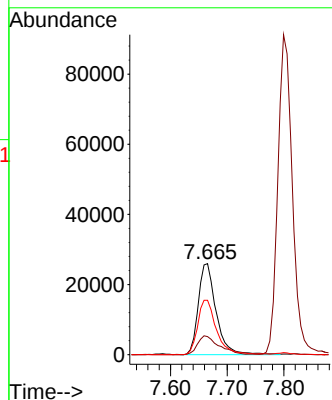
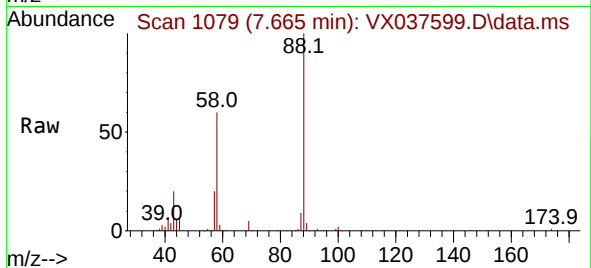
#49
1,4-Dioxane
Concen: 1039.167 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 5665
Ion Ratio Lower Upper
88 100
43 25.1 0.0 0.0
58 62.4 60.1 90.1

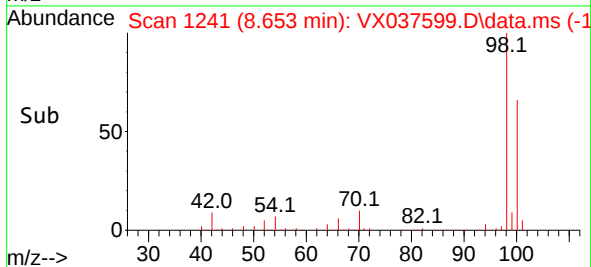
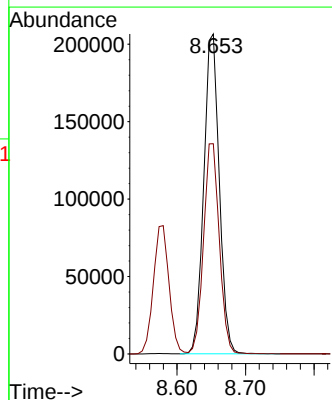
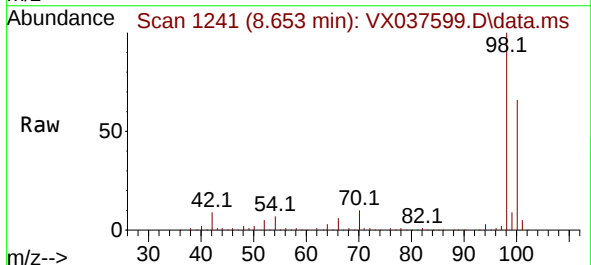
Manual Integrations
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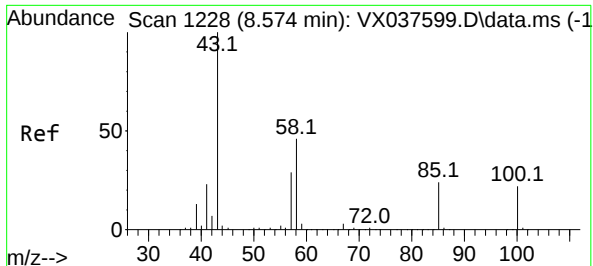
Reviewed By :John Carbone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#50
Toluene-d8
Concen: 49.620 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

Tgt Ion: 98 Resp: 325690
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 258.522 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX037599.D

Acq: 08 Sep 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 59694

Ion Ratio Lower Upper

43 100

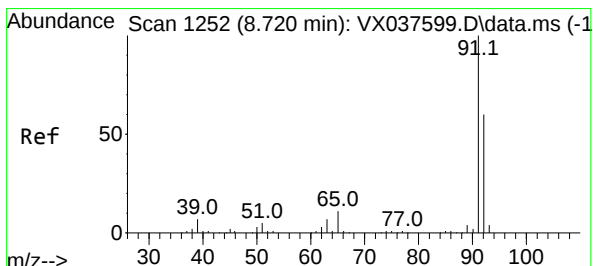
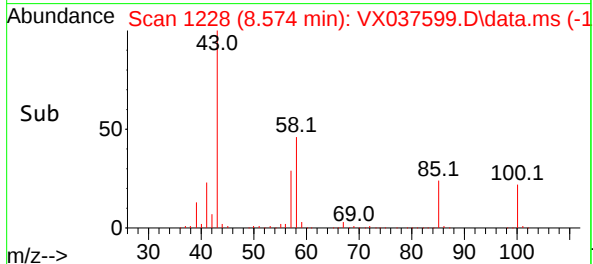
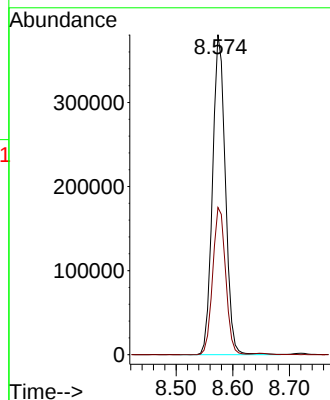
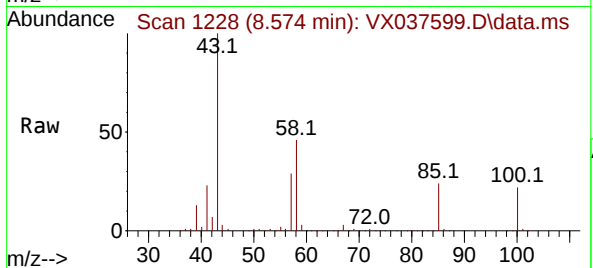
58 46.4 30.4 45.6

Manual Integrations

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Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#52

Toluene

Concen: 50.523 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX037599.D

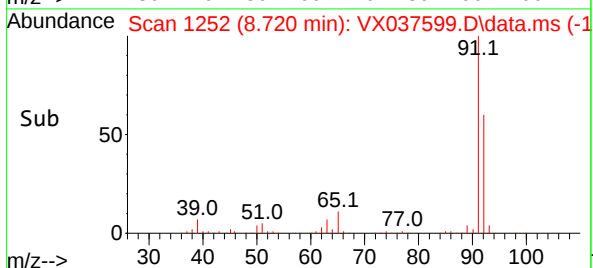
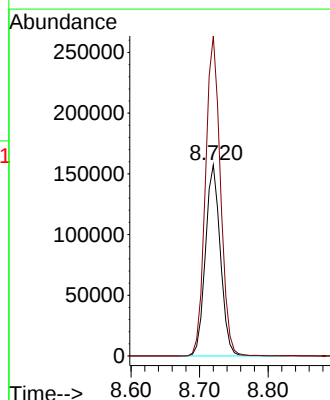
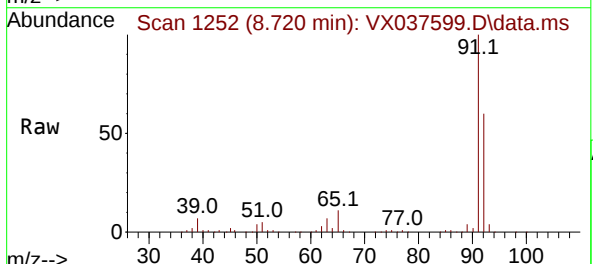
Acq: 08 Sep 2023 12:19

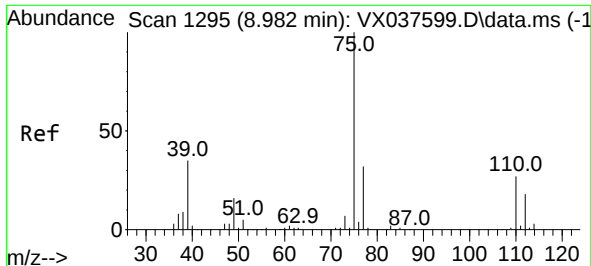
Tgt Ion: 92 Resp: 238712

Ion Ratio Lower Upper

92 100

91 168.2 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 53.292 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX037599.D

Acq: 08 Sep 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 75 Resp: 135189

Ion Ratio Lower Upper

75 100

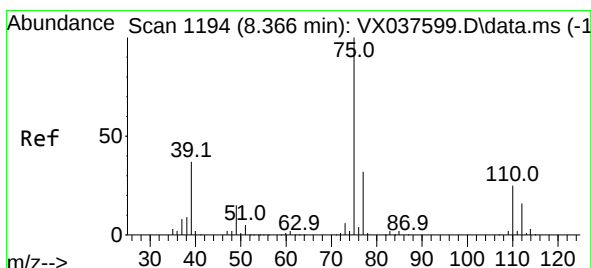
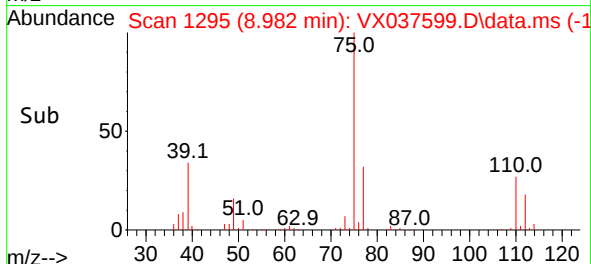
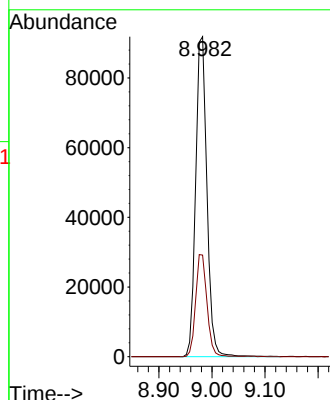
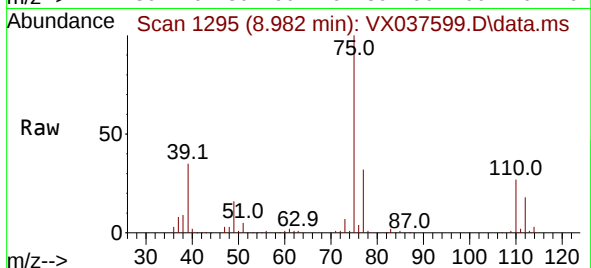
77 31.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#54

cis-1,3-Dichloropropene

Concen: 53.327 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX037599.D

Acq: 08 Sep 2023 12:19

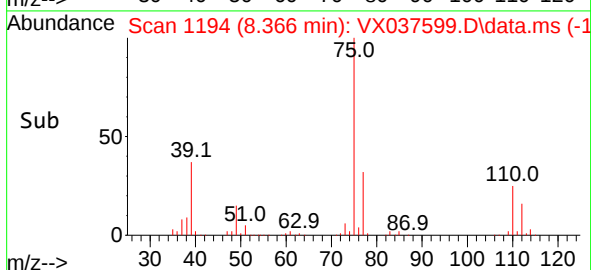
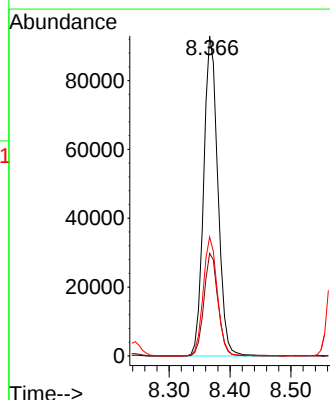
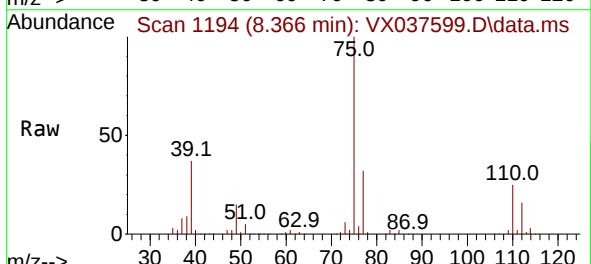
Tgt Ion: 75 Resp: 150512

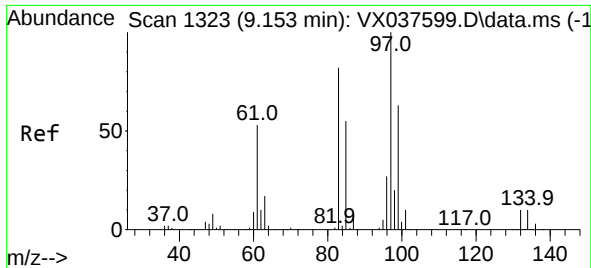
Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9

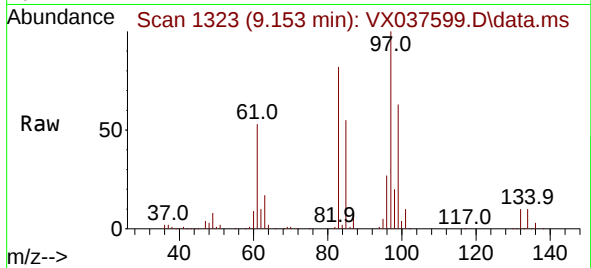
39 37.2 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 51.069 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

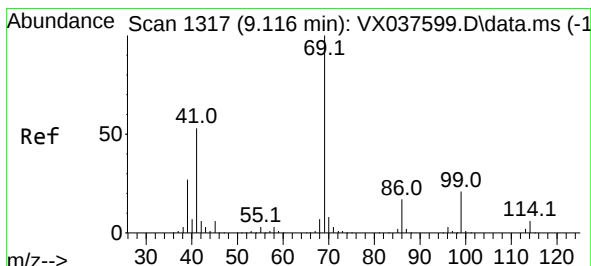
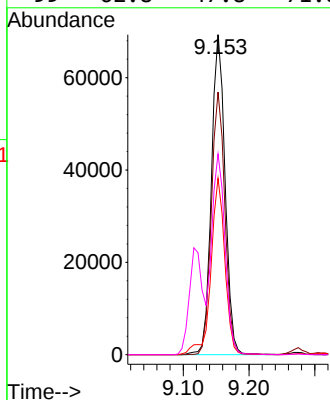
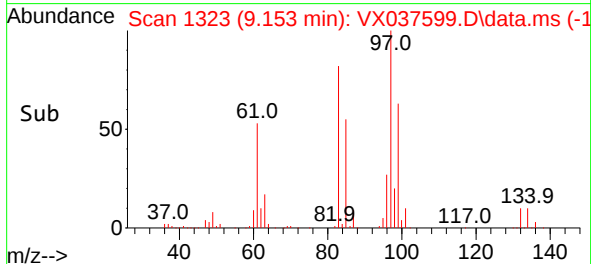
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 97 Resp: 100324
Ion Ratio Lower Upper
97 100
83 82.1 65.8 98.8
85 55.1 41.6 62.4
99 62.8 47.8 71.8

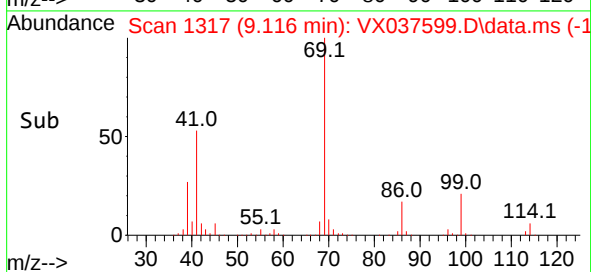
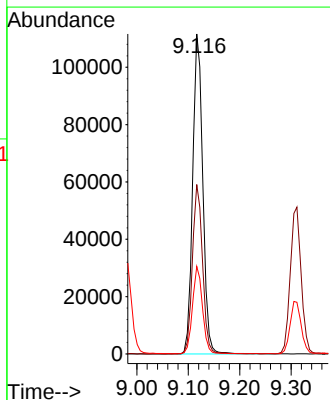
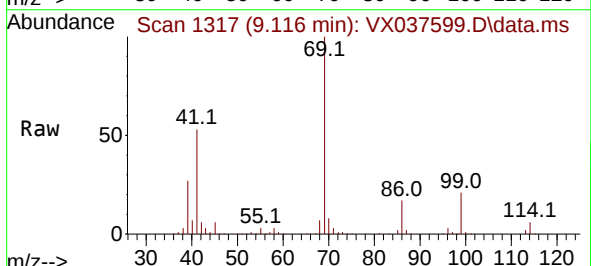
Manual Integrations
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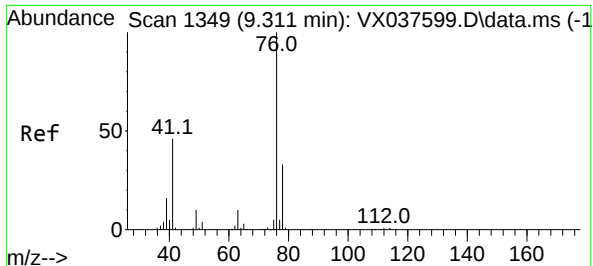
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#56
Ethyl methacrylate
Concen: 53.442 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

Tgt Ion: 69 Resp: 152969
Ion Ratio Lower Upper
69 100
41 53.3 56.8 85.2#
39 27.0 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 49.654 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX037599.D

Acq: 08 Sep 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 162562

Ion Ratio Lower Upper

76 100

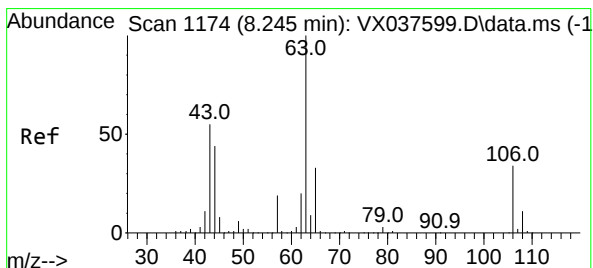
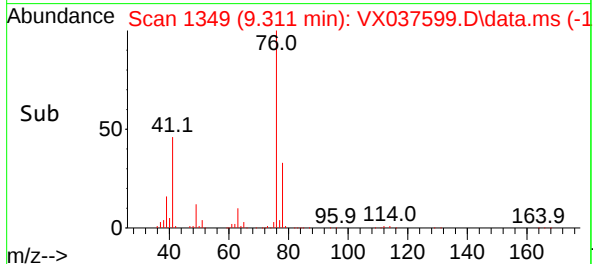
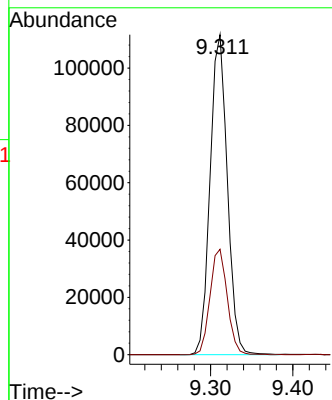
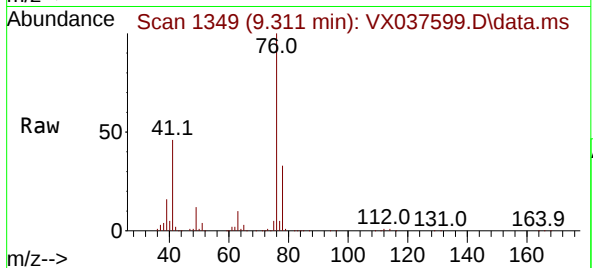
78 33.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#58

2-Chloroethyl Vinyl ether

Concen: 255.233 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX037599.D

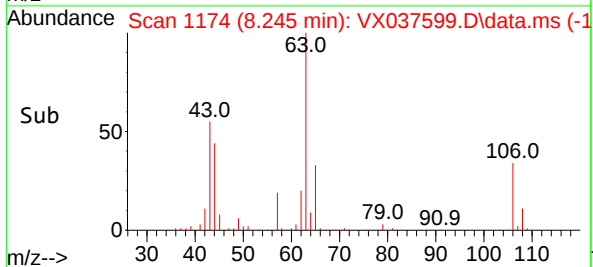
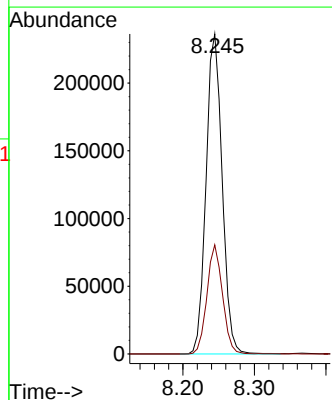
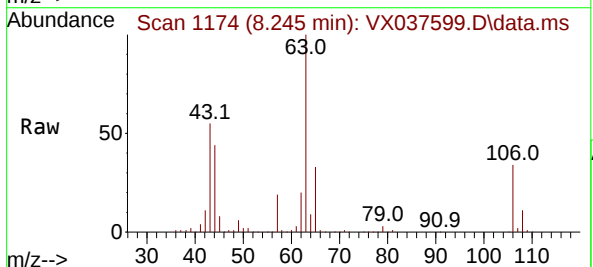
Acq: 08 Sep 2023 12:19

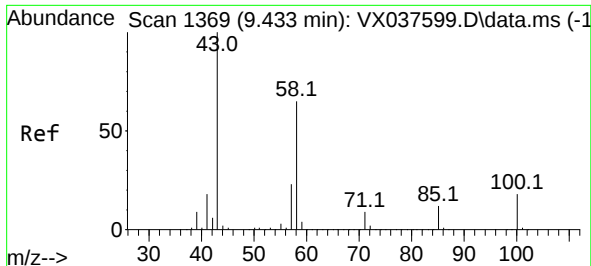
Tgt Ion: 63 Resp: 369627

Ion Ratio Lower Upper

63 100

106 33.0 22.5 33.7





#59

2-Hexanone

Concen: 263.290 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX037599.D

Acq: 08 Sep 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 463680

Ion Ratio Lower Upper

43 100

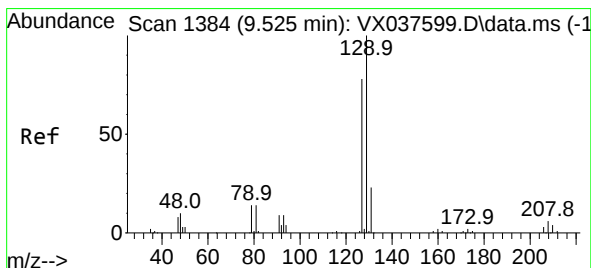
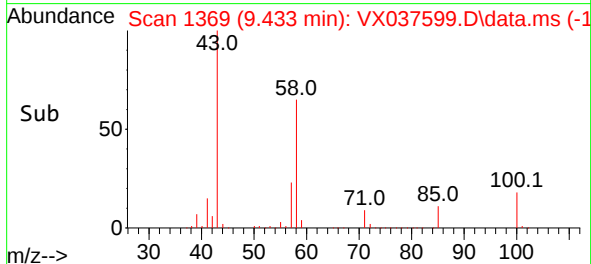
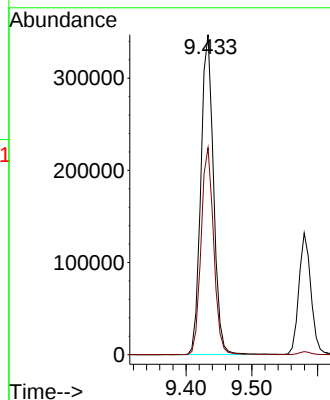
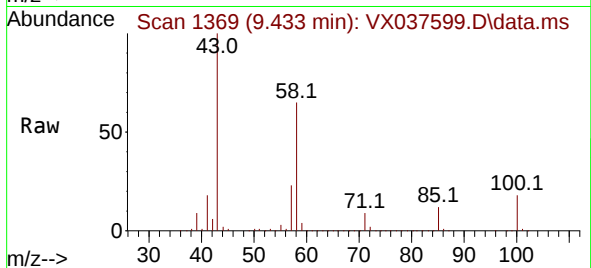
58 64.4 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#60

Dibromochloromethane

Concen: 53.614 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX037599.D

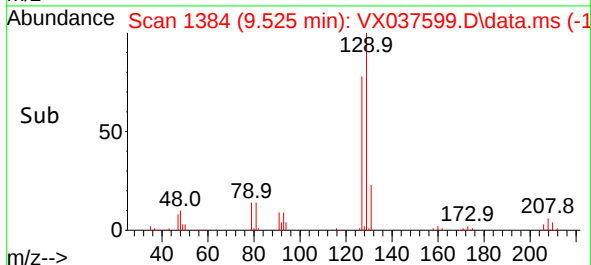
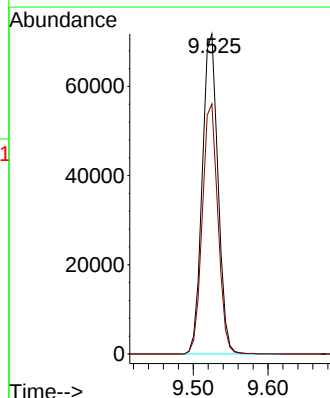
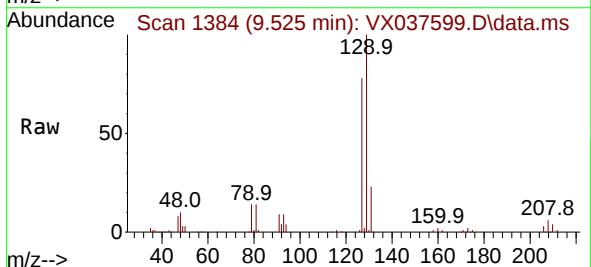
Acq: 08 Sep 2023 12:19

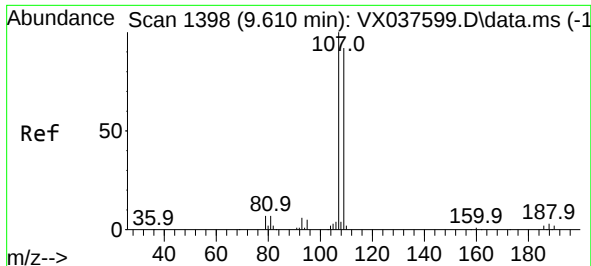
Tgt Ion:129 Resp: 104869

Ion Ratio Lower Upper

129 100

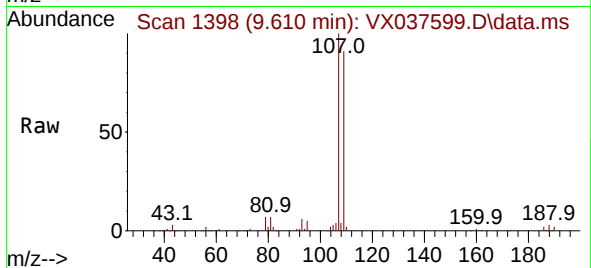
127 77.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 51.743 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

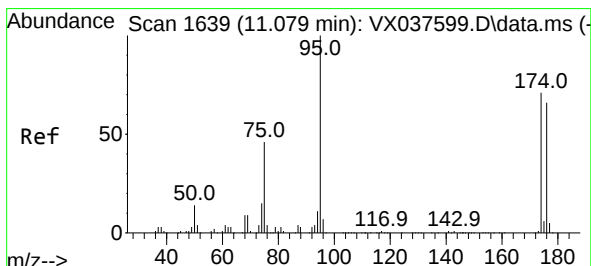
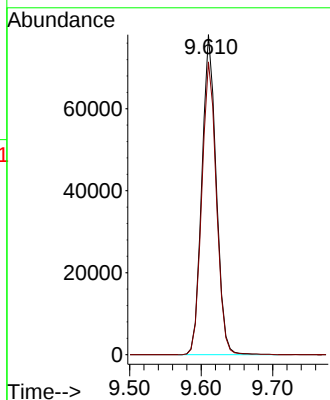
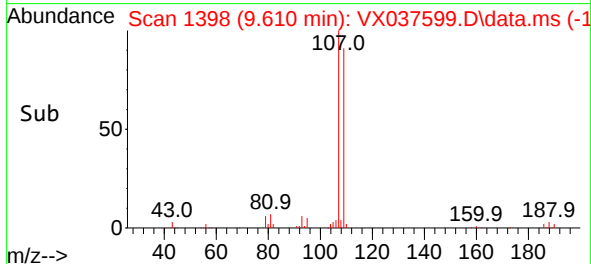
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:107 Resp: 10885
Ion Ratio Lower Upper
107 100
109 93.1 75.2 112.8

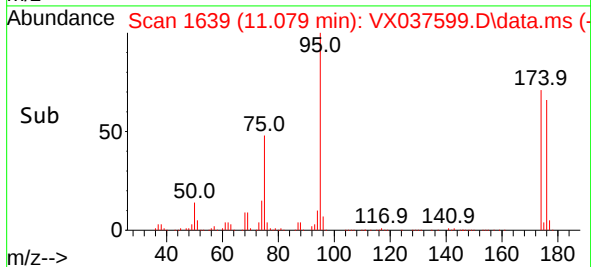
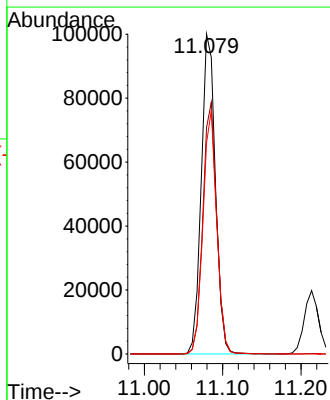
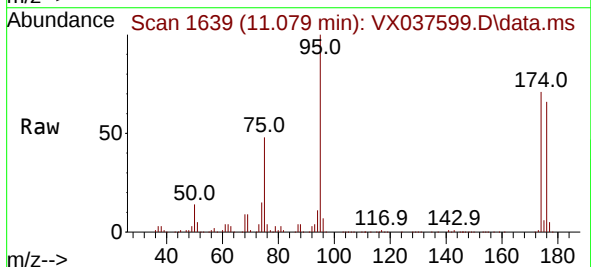
Manual Integrations
APPROVED

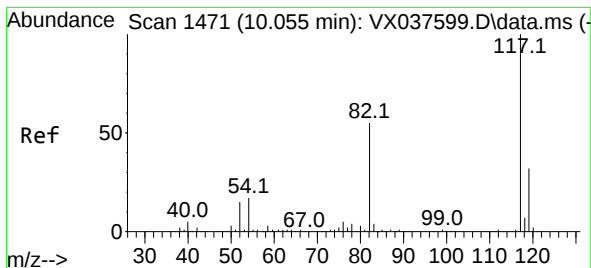
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#62
4-Bromofluorobenzene
Concen: 50.663 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

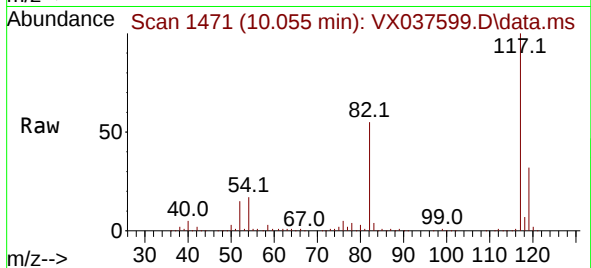
Tgt Ion: 95 Resp: 125327
Ion Ratio Lower Upper
95 100
174 77.2 0.0 135.6
176 73.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

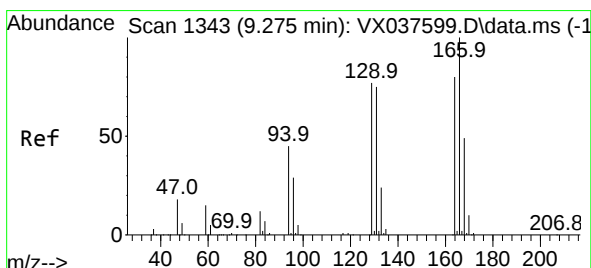
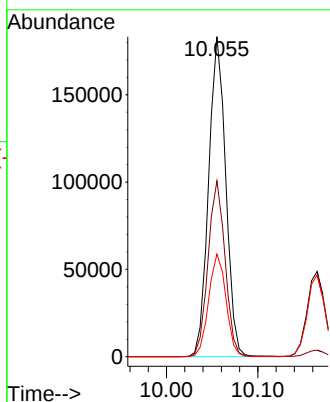
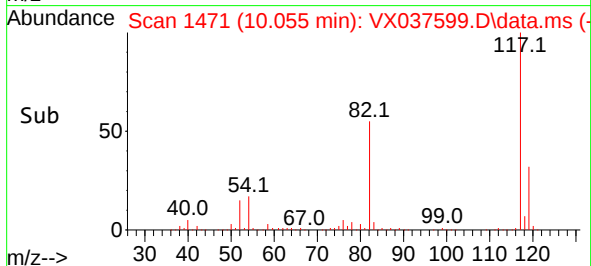
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 237968
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 32.1 25.5 38.3

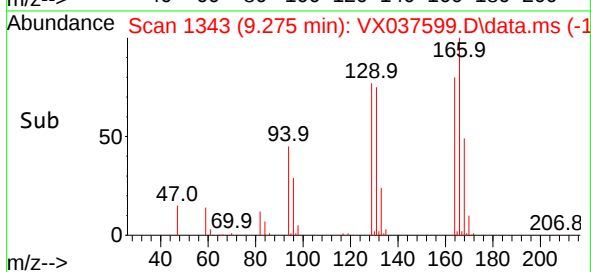
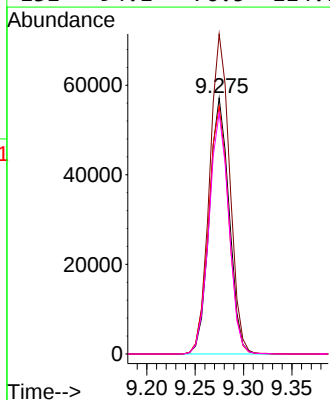
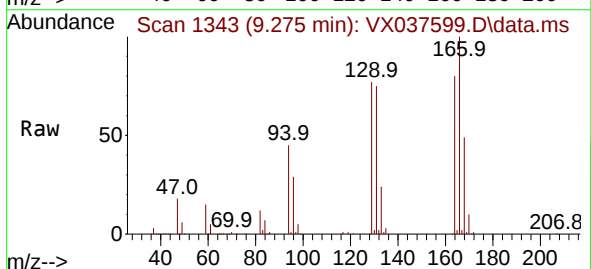
Manual Integrations
APPROVED

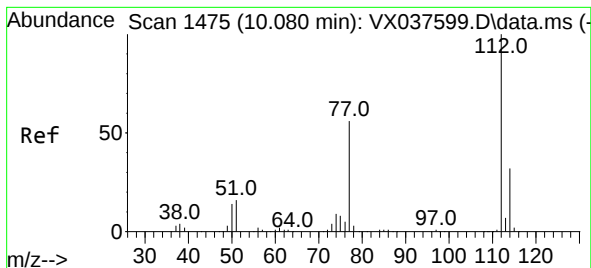
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#64
Tetrachloroethene
Concen: 48.730 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

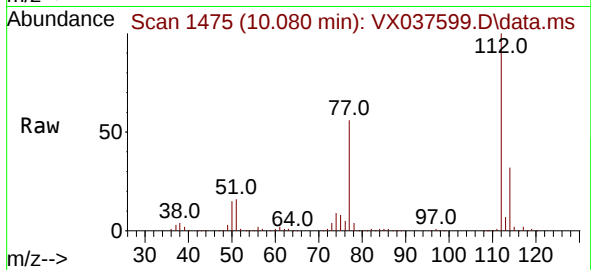
Tgt Ion:164 Resp: 81204
Ion Ratio Lower Upper
164 100
166 125.0 102.7 154.1
129 96.7 80.4 120.6
131 94.1 76.5 114.7





#65
Chlorobenzene
Concen: 49.618 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

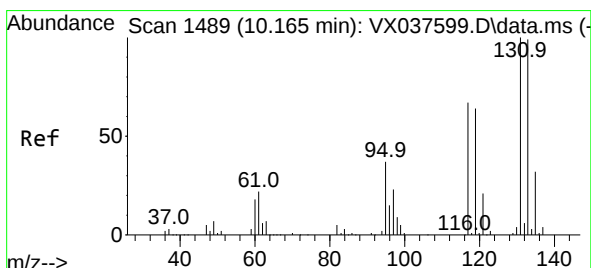
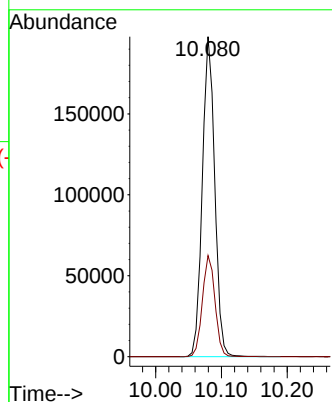
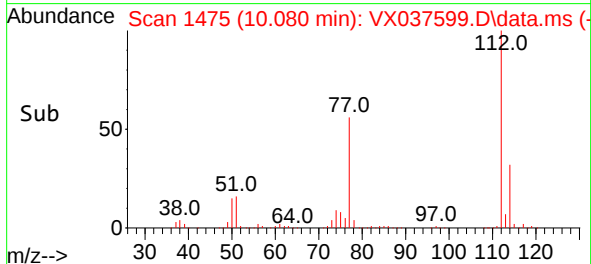
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:112 Resp: 25942
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5

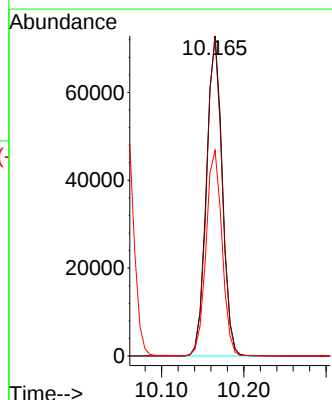
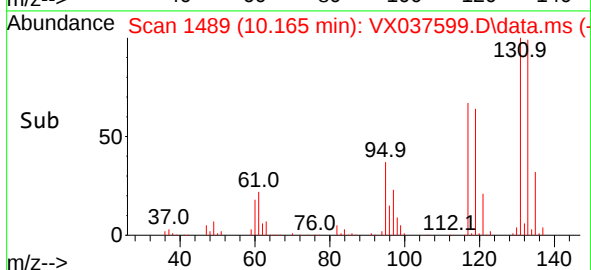
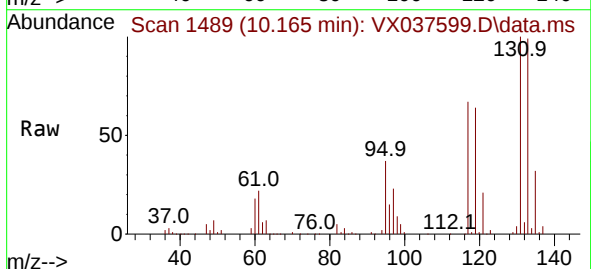
Manual Integrations
APPROVED

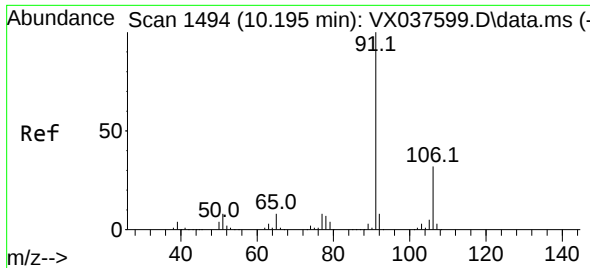
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 52.621 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

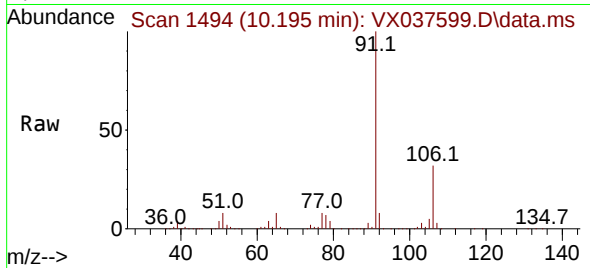
Tgt Ion:131 Resp: 97503
Ion Ratio Lower Upper
131 100
133 97.6 47.1 141.4
119 64.7 32.2 96.6





#67
Ethyl Benzene
Concen: 50.552 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

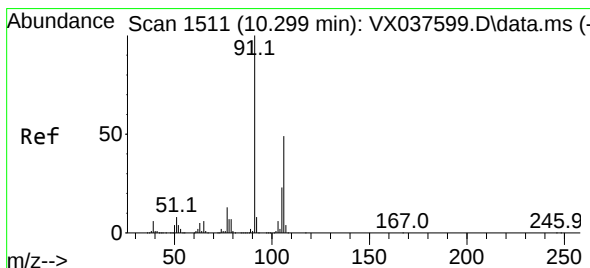
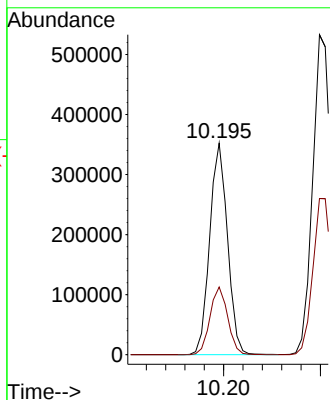
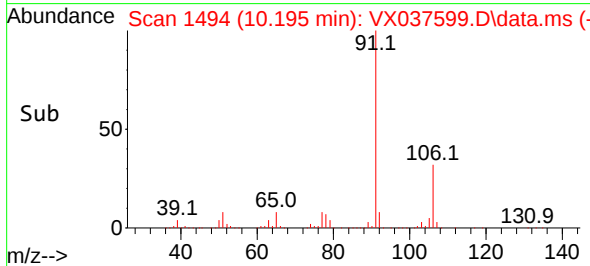
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



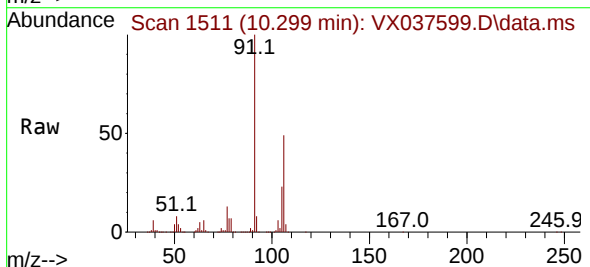
Tgt Ion: 91 Resp: 449260
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3

Manual Integrations
APPROVED

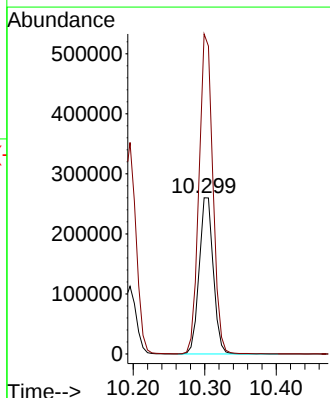
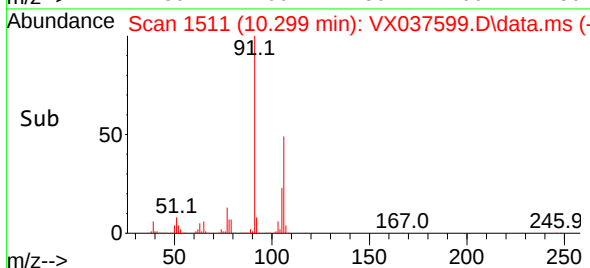
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

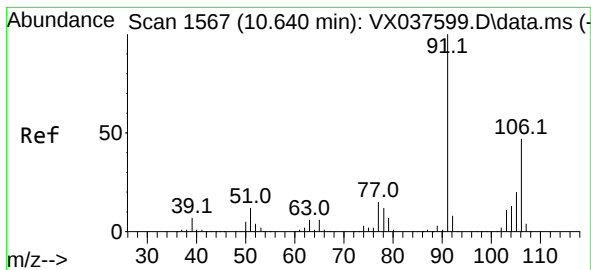


#68
m/p-Xylenes
Concen: 101.787 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19



Tgt Ion:106 Resp: 355849
Ion Ratio Lower Upper
106 100
91 201.6 165.5 248.3





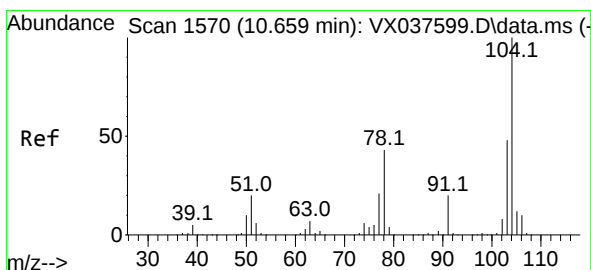
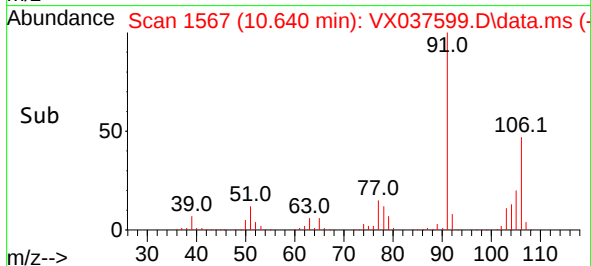
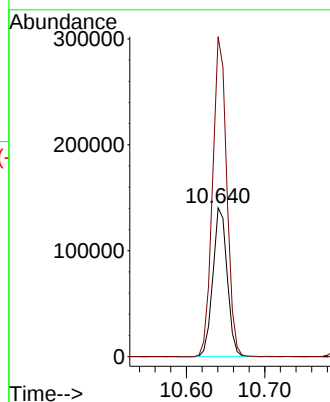
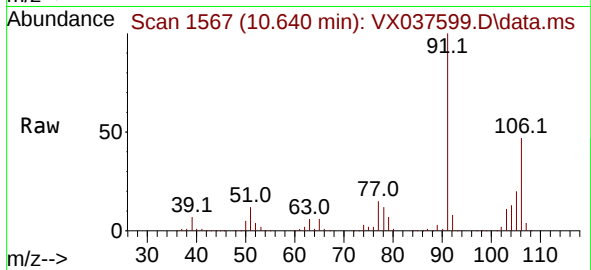
#69
o-Xylene
Concen: 51.292 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 17830
Ion Ratio Lower Upper
106 100
91 213.0 108.9 326.8

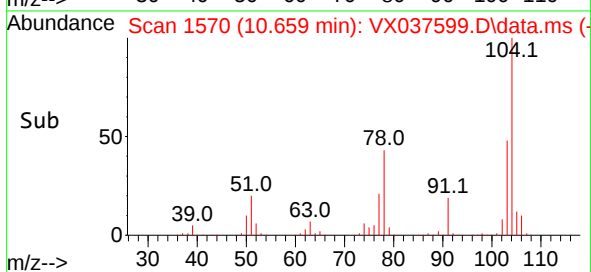
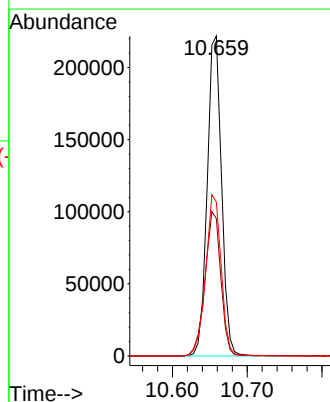
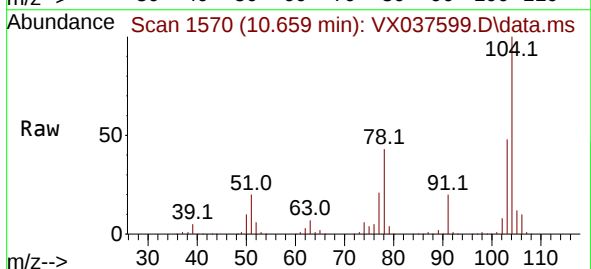
Manual Integrations
APPROVED

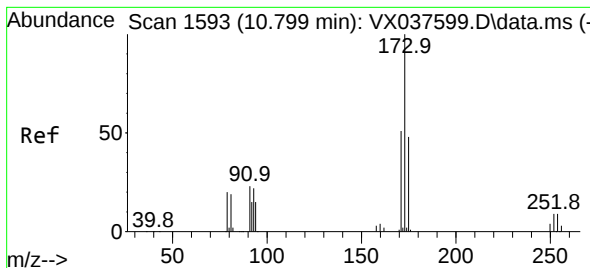
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#70
Styrene
Concen: 52.321 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

Tgt Ion:104 Resp: 295699
Ion Ratio Lower Upper
104 100
78 49.6 43.6 65.4
103 54.4 43.6 65.4





#71

Bromoform

Concen: 52.445 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX037599.D

Acq: 08 Sep 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

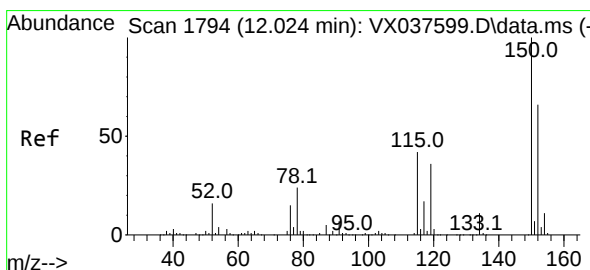
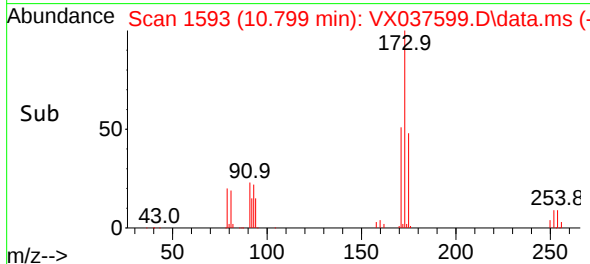
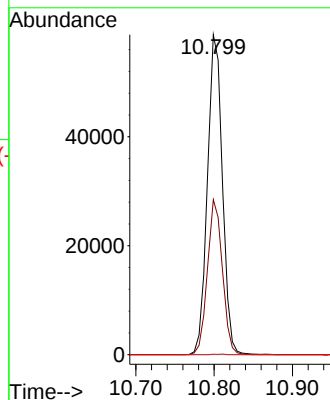
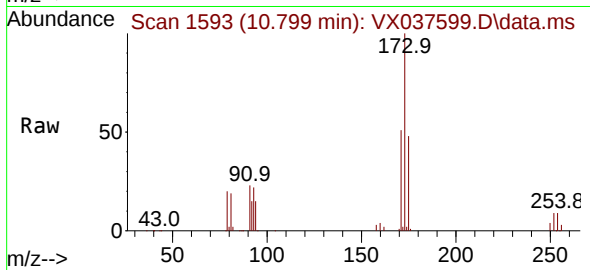
Tgt Ion:	173	Resp:	77840
Ion Ratio	Lower	Upper	
173	100		
175	48.3	24.1	72.4
254	0.1	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

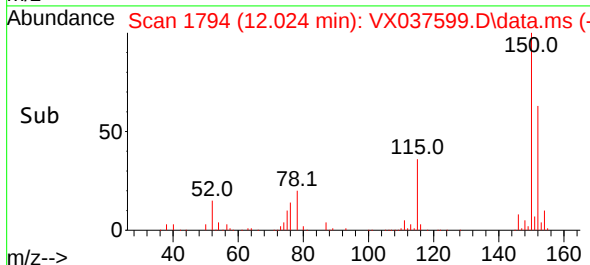
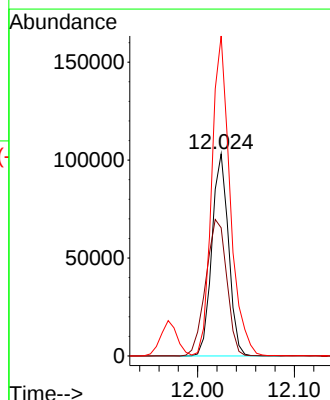
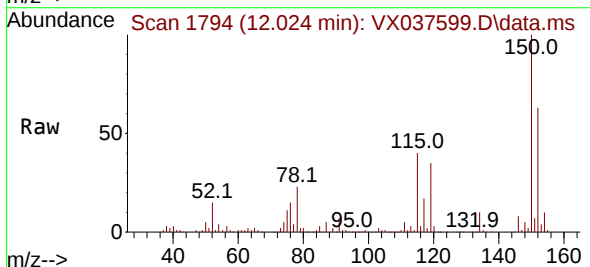
RT: 12.024 min Scan# 1794

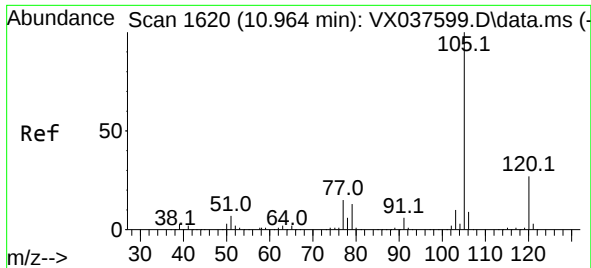
Delta R.T. 0.000 min

Lab File: VX037599.D

Acq: 08 Sep 2023 12:19

Tgt Ion:	152	Resp:	123152
Ion Ratio	Lower	Upper	
152	100		
115	85.6	43.3	129.9
150	174.8	0.0	345.0





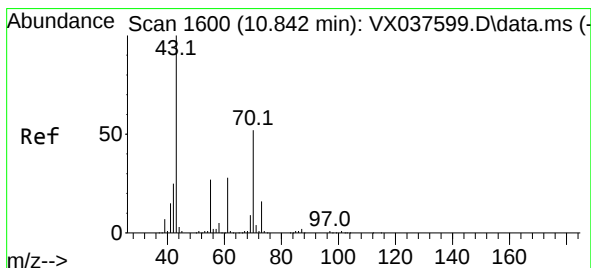
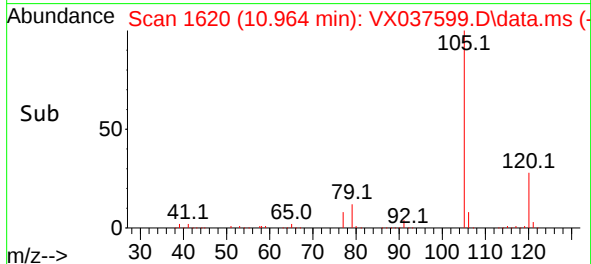
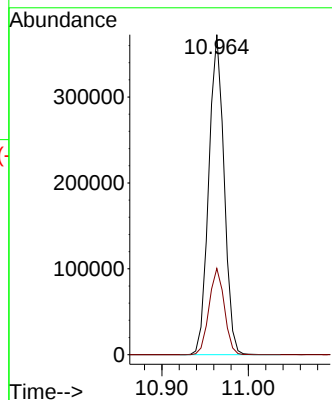
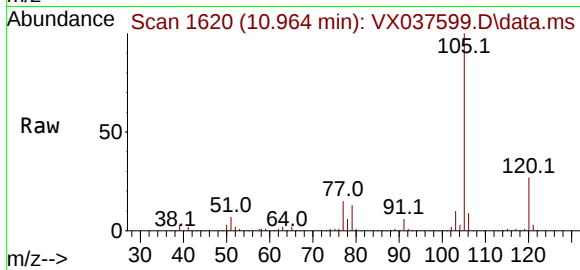
#73
Isopropylbenzene
Concen: 49.462 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 45755
Ion Ratio Lower Upper
105 100
120 26.9 12.9 38.6

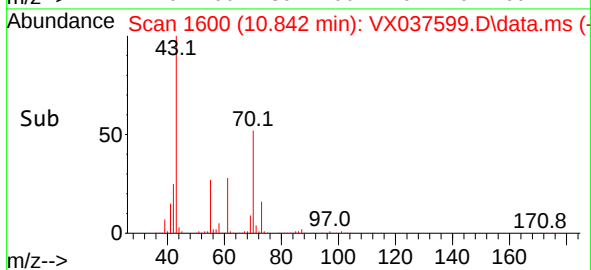
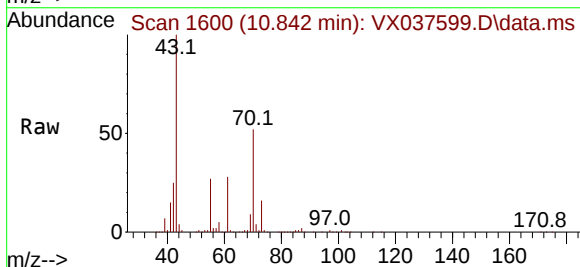
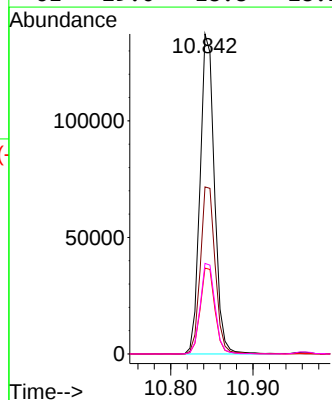
Manual Integrations
APPROVED

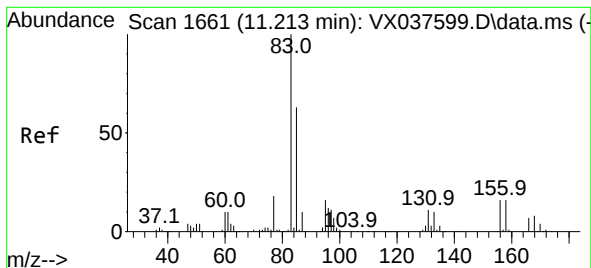
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#74
N-ethyl acetate
Concen: 52.375 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

Tgt Ion: 43 Resp: 167006
Ion Ratio Lower Upper
43 100
70 53.9 32.9 49.3#
55 27.5 19.3 28.9
61 29.0 18.8 28.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 49.577 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX037599.D

Acq: 08 Sep 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

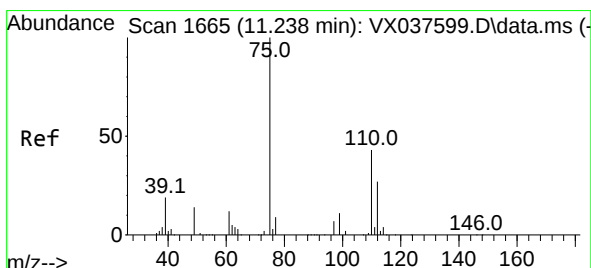
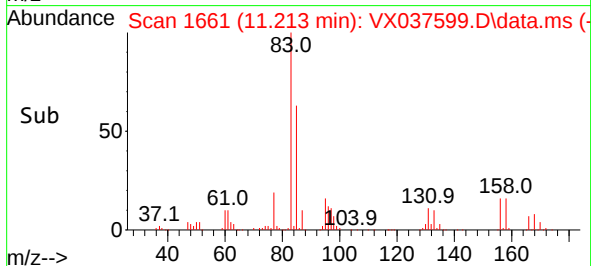
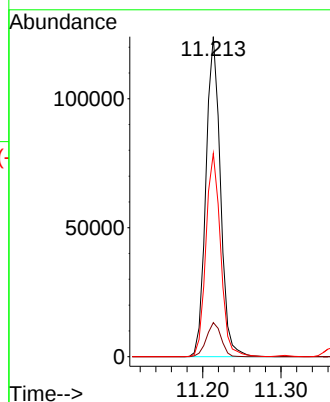
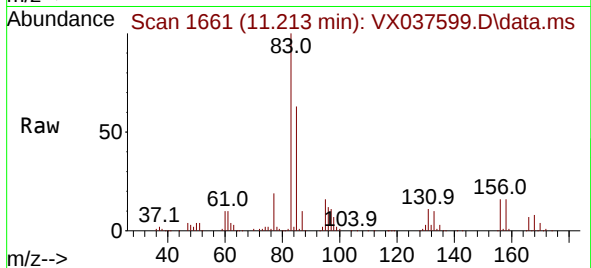
Tgt Ion:	83	Resp:	15937
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.3	15.8
85	64.2	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#76

1,2,3-Trichloropropane

Concen: 50.046 ug/l m

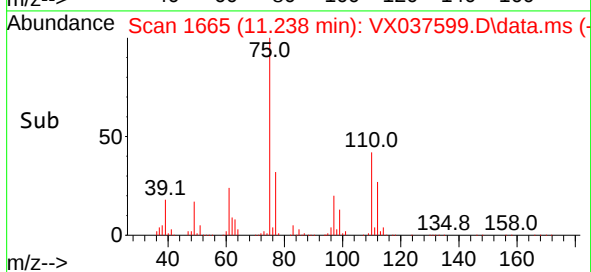
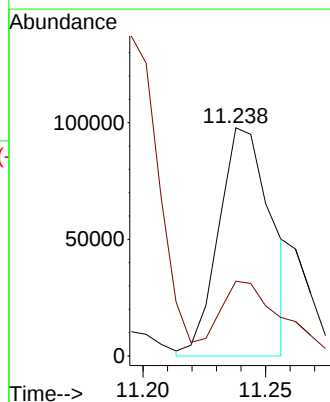
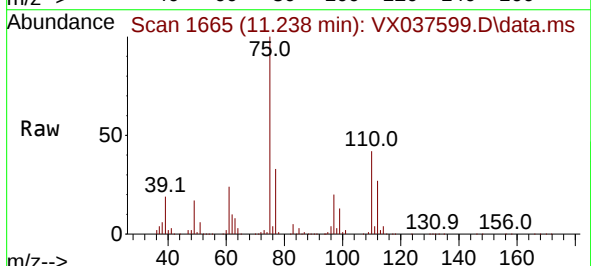
RT: 11.238 min Scan# 1665

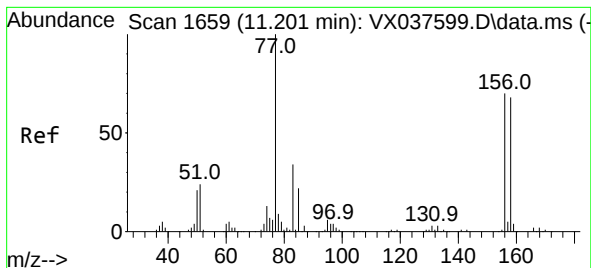
Delta R.T. 0.000 min

Lab File: VX037599.D

Acq: 08 Sep 2023 12:19

Tgt Ion:	75	Resp:	144591
Ion Ratio	Lower	Upper	
75	100		
77	39.4	19.1	57.5





#77

Bromobenzene

Concen: 49.131 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX037599.D

Acq: 08 Sep 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

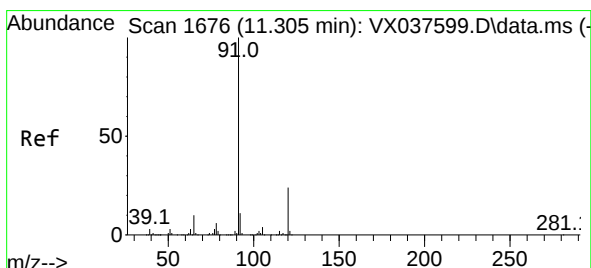
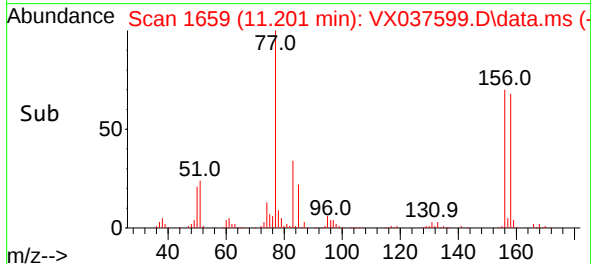
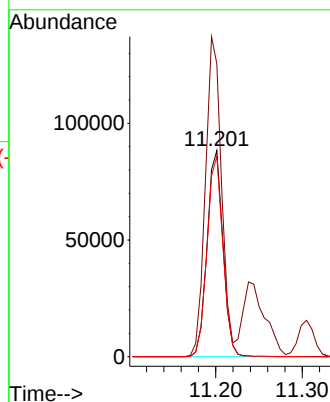
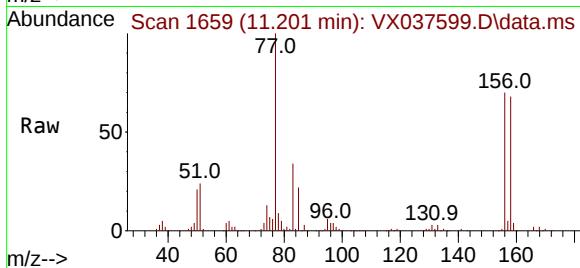
Tgt Ion:	156	Resp:	112490
Ion Ratio	Lower	Upper	
156	100		
77	156.3	88.4	265.3
158	97.4	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#78

n-propylbenzene

Concen: 50.376 ug/l

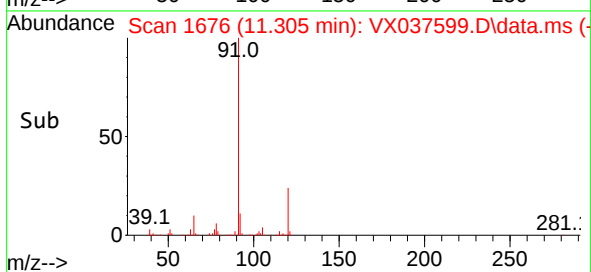
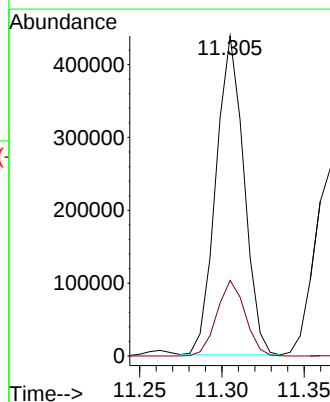
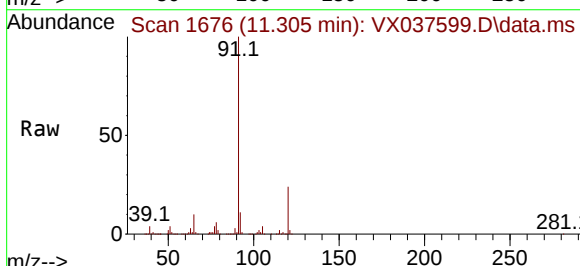
RT: 11.305 min Scan# 1676

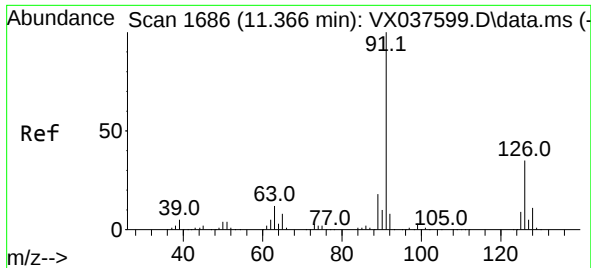
Delta R.T. 0.000 min

Lab File: VX037599.D

Acq: 08 Sep 2023 12:19

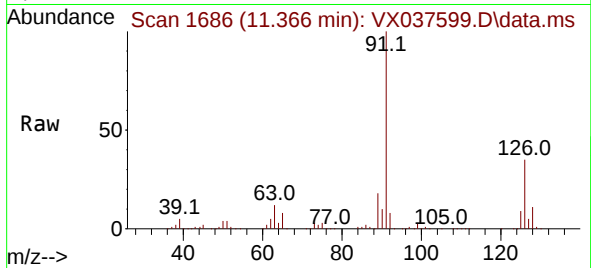
Tgt Ion:	91	Resp:	518241
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.5	34.4





#79
2-Chlorotoluene
Concen: 49.290 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

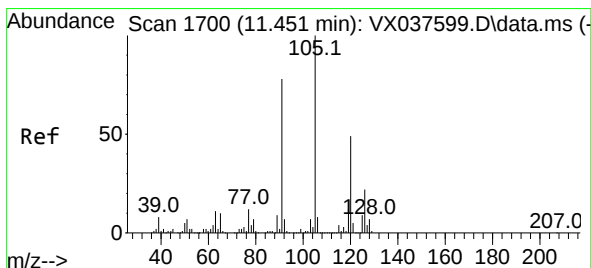
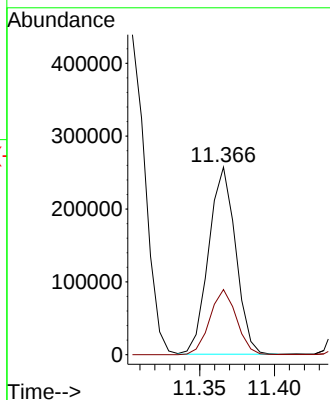
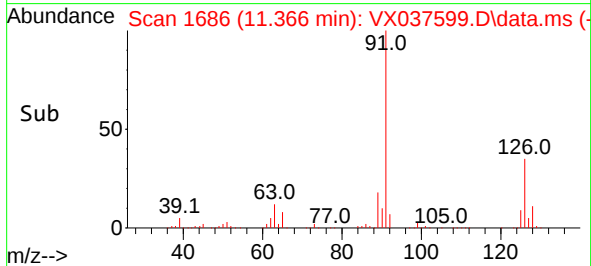
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



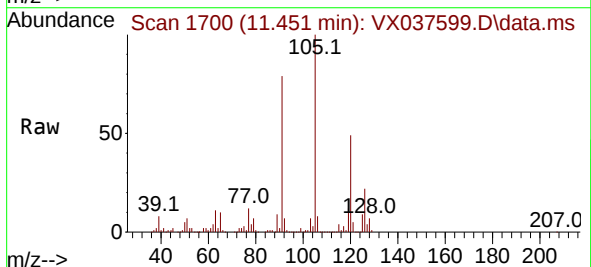
Tgt Ion: 91 Resp: 322190
Ion Ratio Lower Upper
91 100
126 34.3 16.3 48.8

Manual Integrations
APPROVED

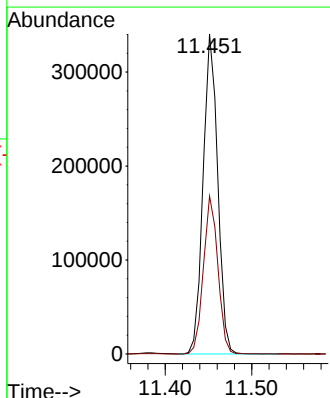
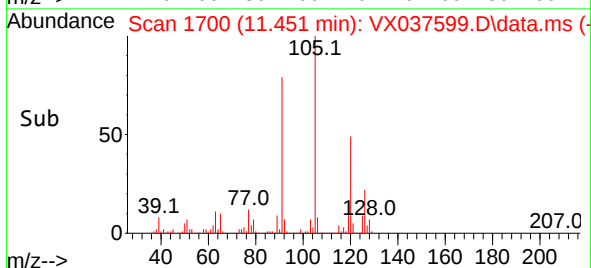
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

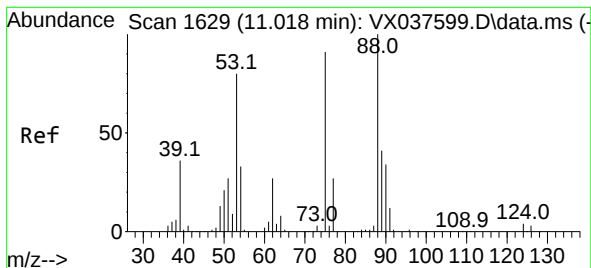


#80
1,3,5-Trimethylbenzene
Concen: 50.776 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19



Tgt Ion:105 Resp: 398400
Ion Ratio Lower Upper
105 100
120 49.0 24.1 72.3





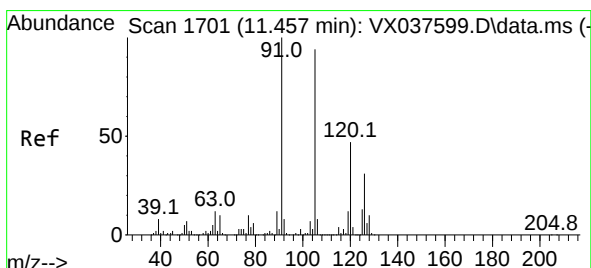
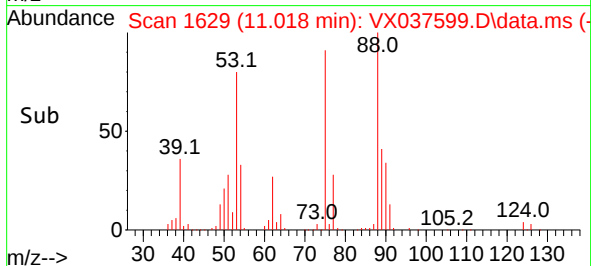
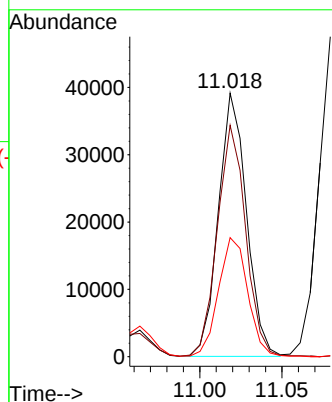
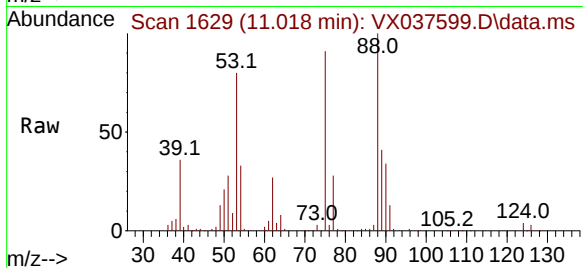
#81
trans-1,4-Dichloro-2-butene
Concen: 49.368 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 46465
Ion Ratio Lower Upper
75 100
53 88.8 90.5 135.7
89 47.3 36.9 55.3

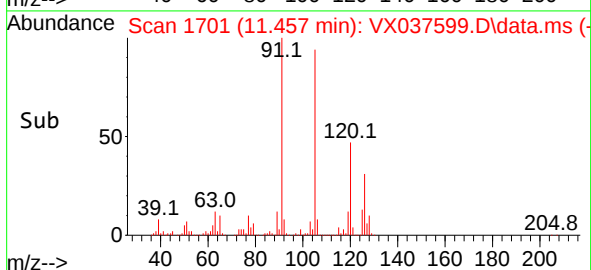
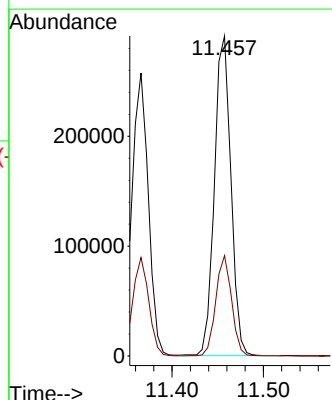
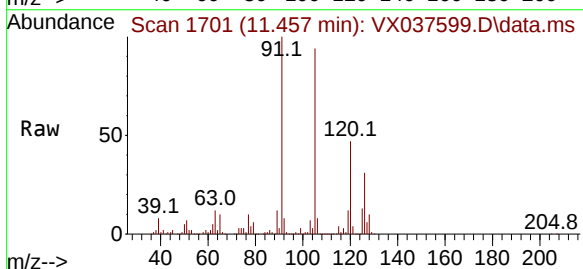
Manual Integrations
APPROVED

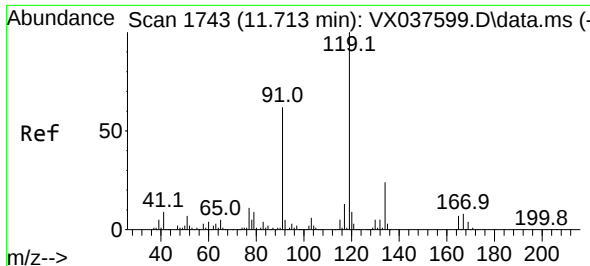
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#82
4-Chlorotoluene
Concen: 49.396 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

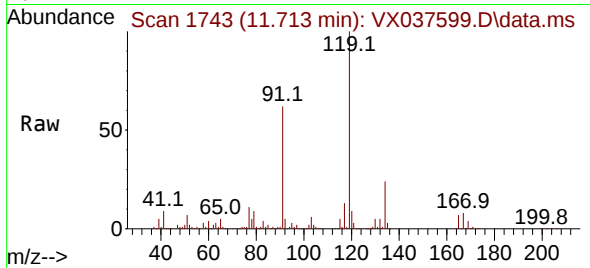
Tgt Ion: 91 Resp: 364065
Ion Ratio Lower Upper
91 100
126 30.2 14.2 42.6





#83
tert-Butylbenzene
Concen: 50.845 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

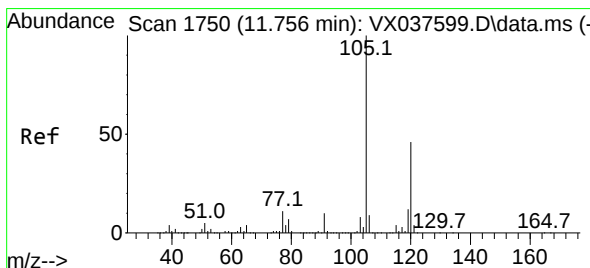
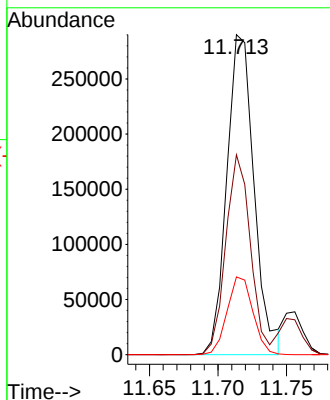
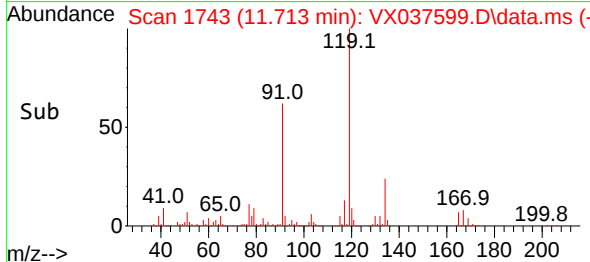
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:119 Resp: 402204
Ion Ratio Lower Upper
119 100
91 56.3 31.2 93.6
134 23.0 11.7 35.0

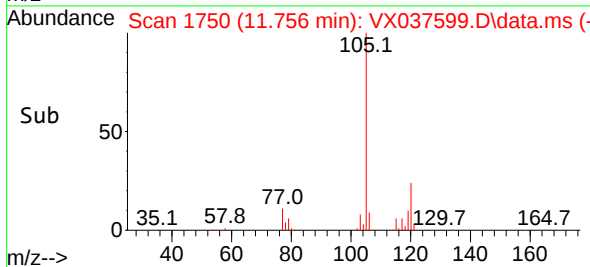
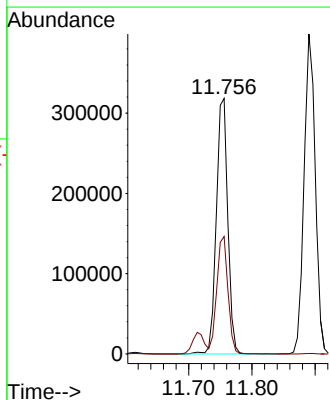
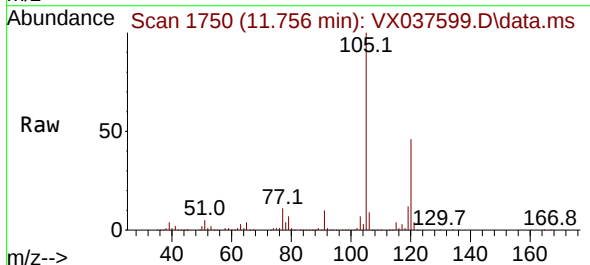
Manual Integrations
APPROVED

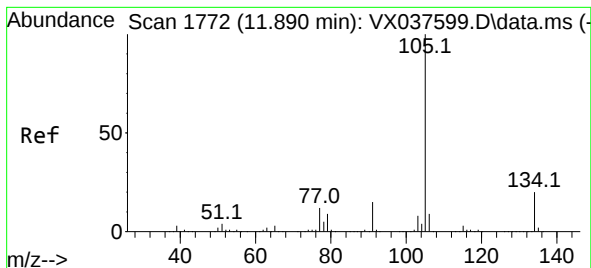
Reviewed By :John Carbone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#84
1,2,4-Trimethylbenzene
Concen: 50.957 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

Tgt Ion:105 Resp: 399736
Ion Ratio Lower Upper
105 100
120 44.8 21.2 63.6





#85

sec-Butylbenzene

Concen: 51.119 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX037599.D

Acq: 08 Sep 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 48748

Ion Ratio Lower Upper

105 100

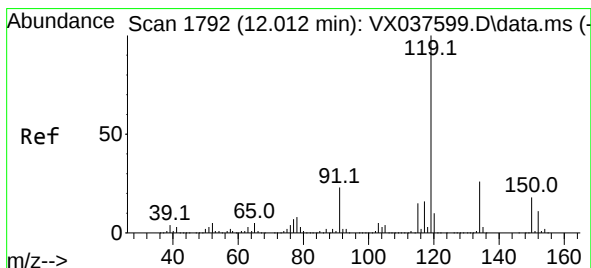
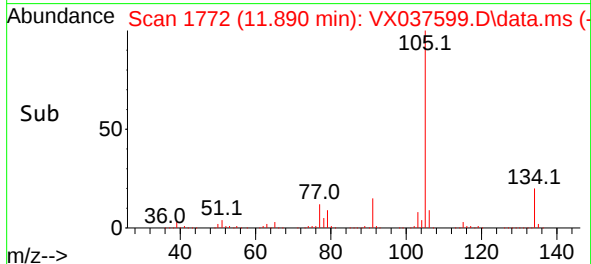
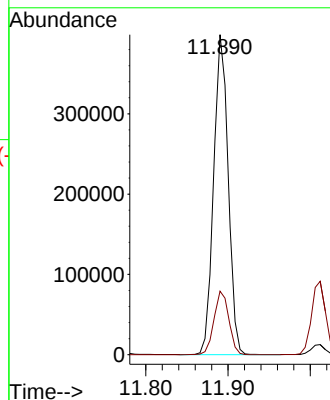
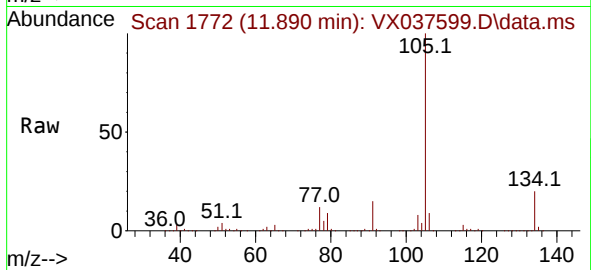
134 20.3 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#86

p-Isopropyltoluene

Concen: 51.722 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VX037599.D

Acq: 08 Sep 2023 12:19

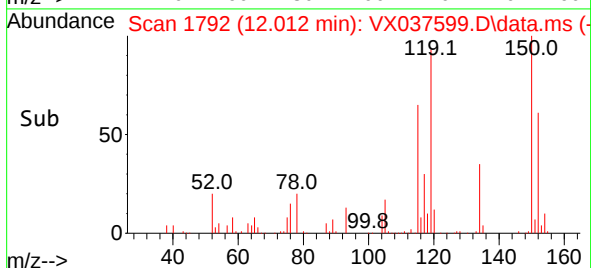
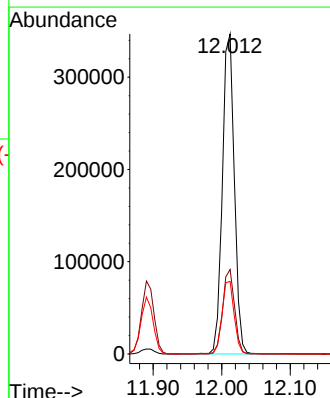
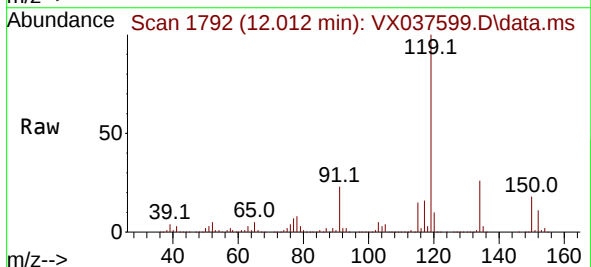
Tgt Ion:119 Resp: 417720

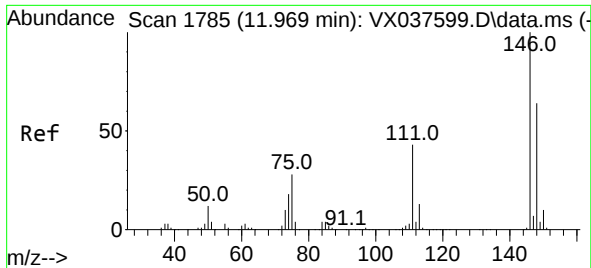
Ion Ratio Lower Upper

119 100

134 26.2 12.8 38.3

91 23.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 48.639 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX037599.D

Acq: 08 Sep 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 21190

Ion Ratio Lower Upper

146 100

111 41.8 22.1 66.1

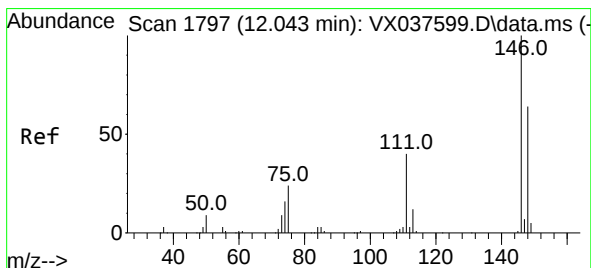
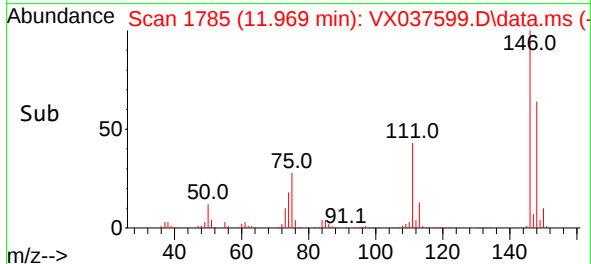
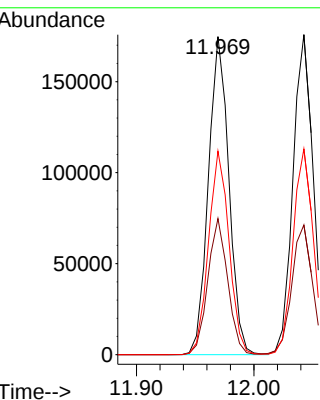
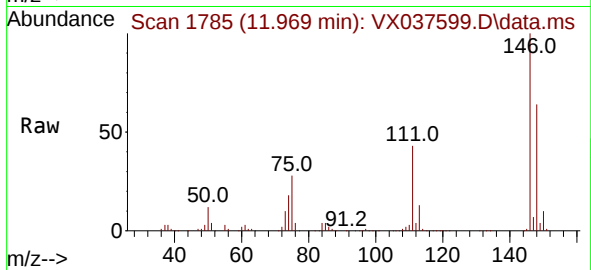
148 64.1 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#88

1,4-Dichlorobenzene

Concen: 47.443 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX037599.D

Acq: 08 Sep 2023 12:19

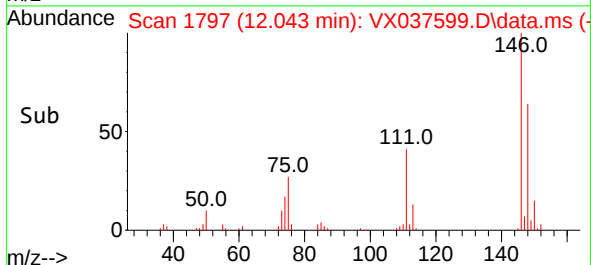
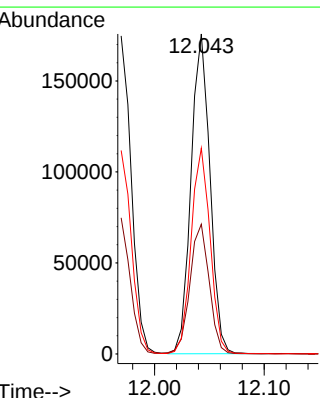
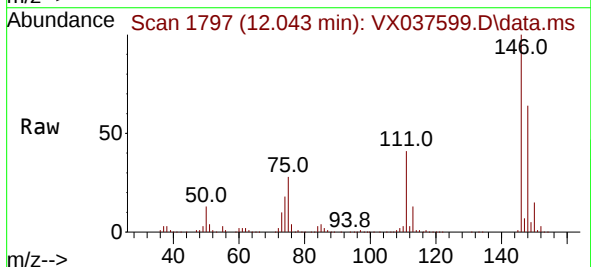
Tgt Ion:146 Resp: 210266

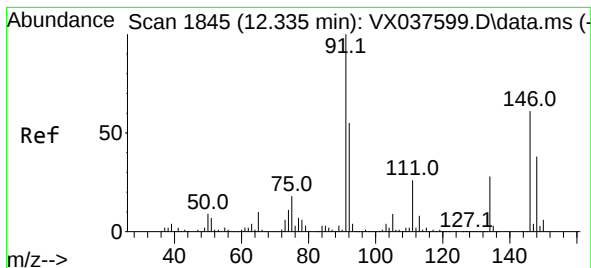
Ion Ratio Lower Upper

146 100

111 41.4 21.3 63.7

148 64.8 31.8 95.4





#89

n-Butylbenzene

Concen: 51.573 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX037599.D

Acq: 08 Sep 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 34223

Ion Ratio Lower Upper

91 100

92 55.4 27.4 82.0

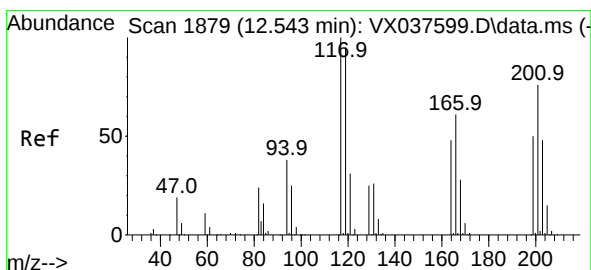
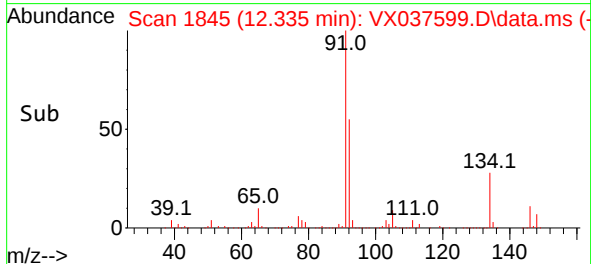
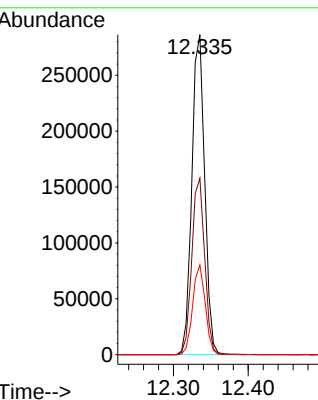
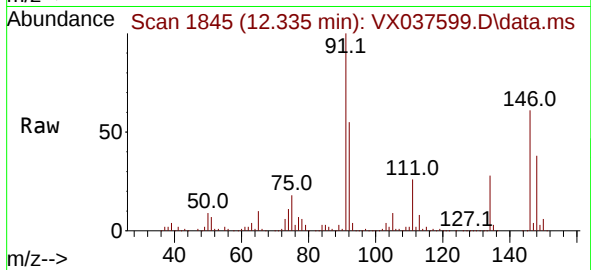
134 27.5 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#90

Hexachloroethane

Concen: 53.181 ug/l

RT: 12.543 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX037599.D

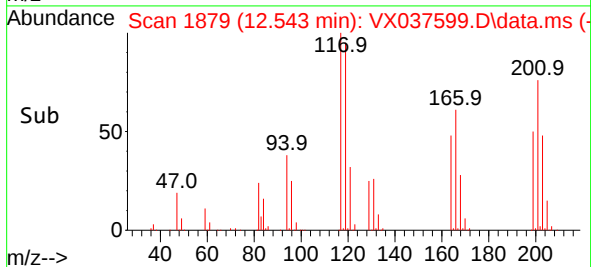
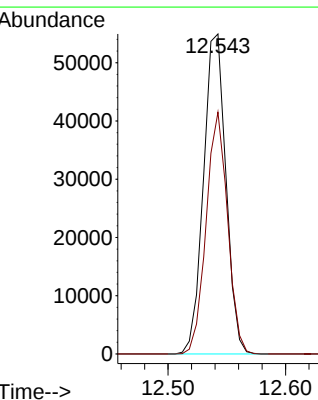
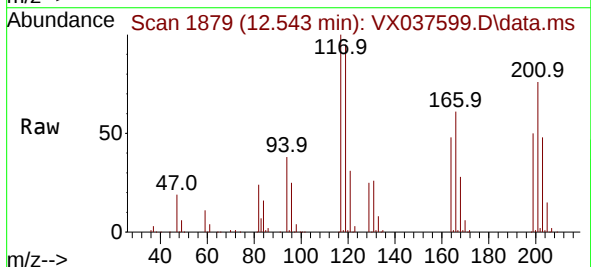
Acq: 08 Sep 2023 12:19

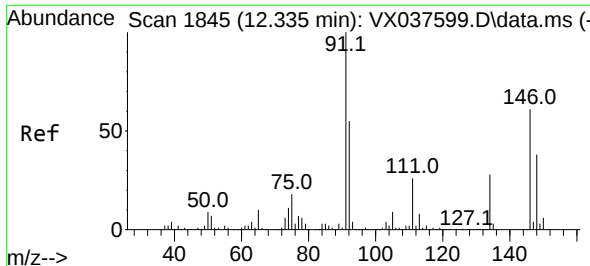
Tgt Ion:117 Resp: 72984

Ion Ratio Lower Upper

117 100

201 72.1 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 49.115 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX037599.D

Acq: 08 Sep 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 21314

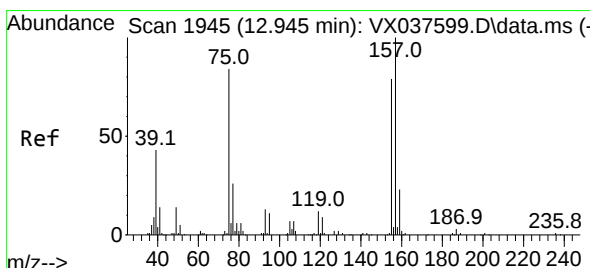
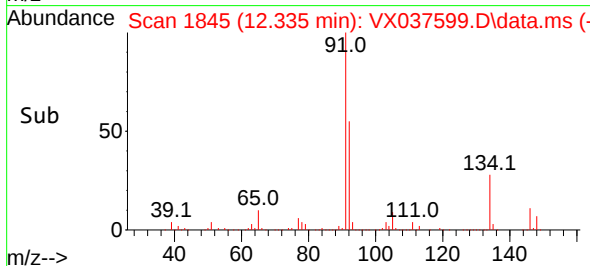
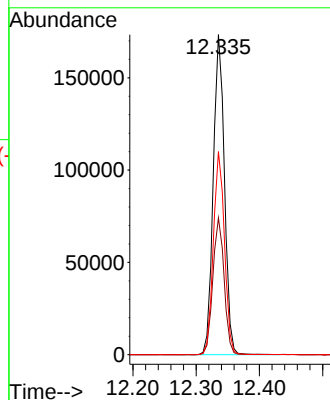
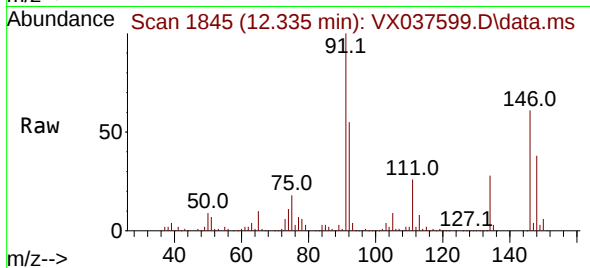
Ion	Ratio	Lower	Upper
146	100		
111	43.2	22.4	67.0
148	63.2	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.529 ug/l

RT: 12.945 min Scan# 1945

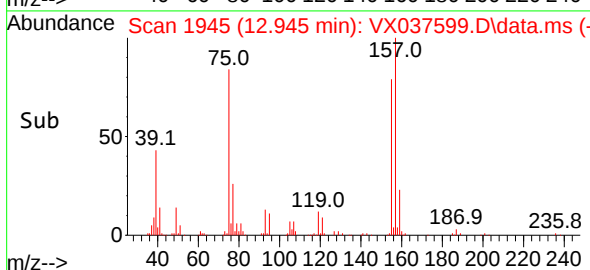
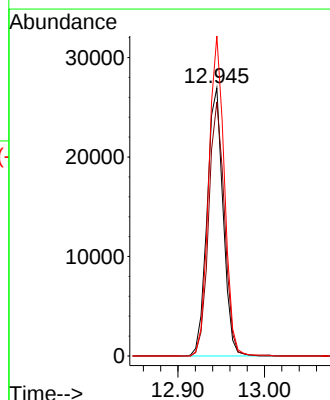
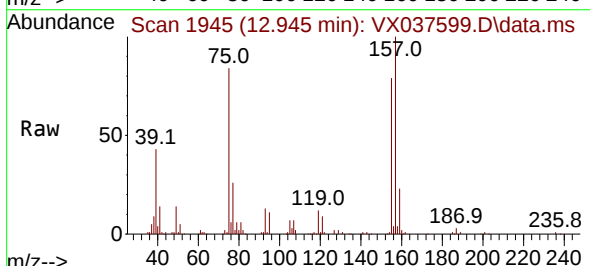
Delta R.T. 0.000 min

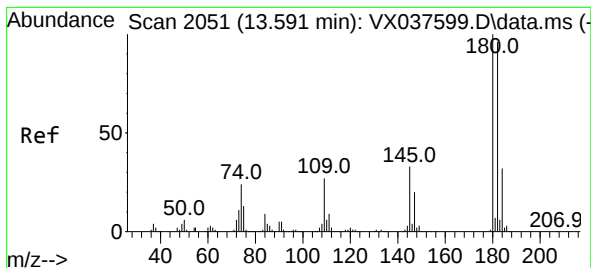
Lab File: VX037599.D

Acq: 08 Sep 2023 12:19

Tgt Ion: 75 Resp: 34584

Ion	Ratio	Lower	Upper
75	100		
155	93.4	36.1	108.5
157	116.8	44.9	134.7





#93

1,2,4-Trichlorobenzene

Concen: 48.325 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX037599.D

Acq: 08 Sep 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

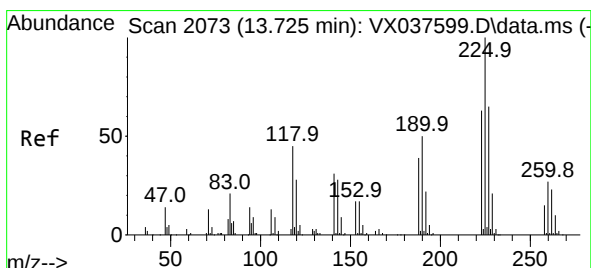
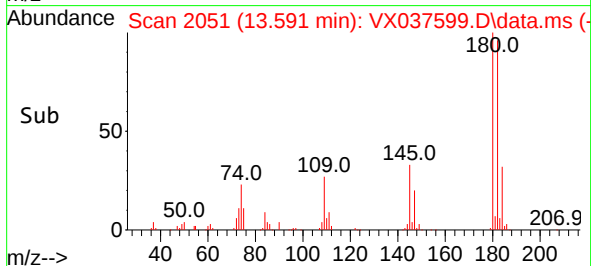
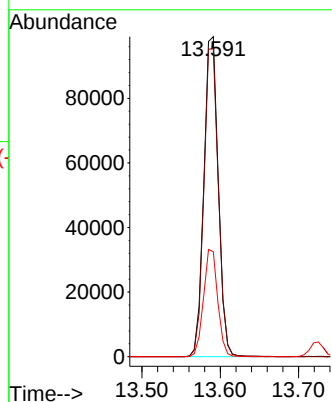
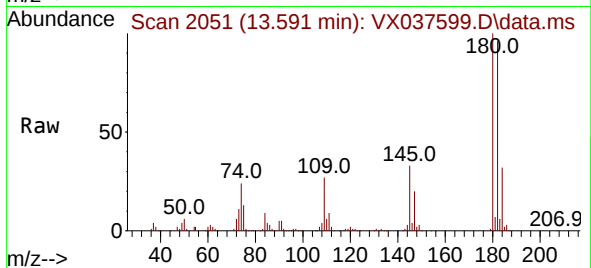
Tgt Ion:	180	Resp:	12684
Ion Ratio	Lower	Upper	
180	100		
182	96.5	48.3	144.8
145	33.0	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#94

Hexachlorobutadiene

Concen: 50.094 ug/l

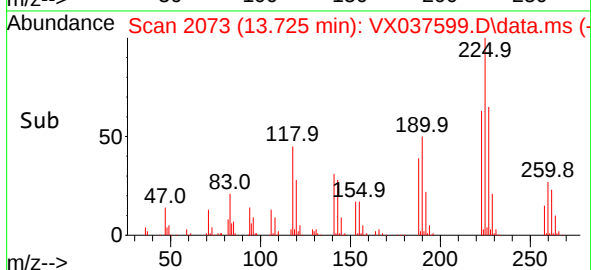
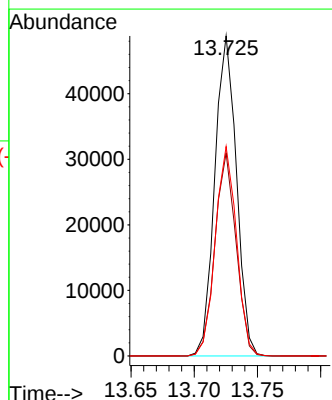
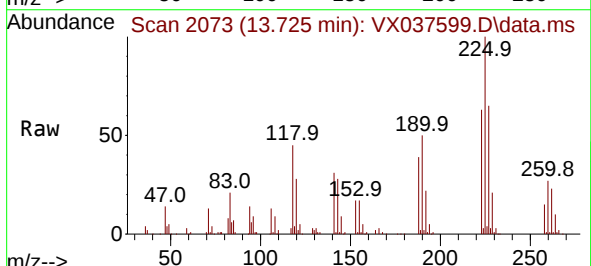
RT: 13.725 min Scan# 2073

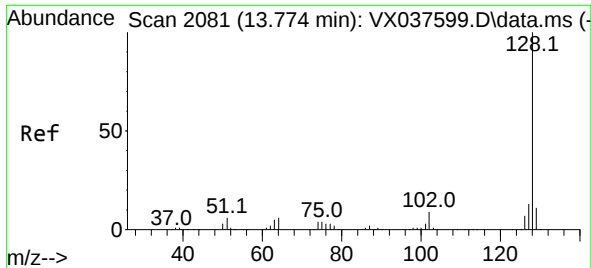
Delta R.T. 0.000 min

Lab File: VX037599.D

Acq: 08 Sep 2023 12:19

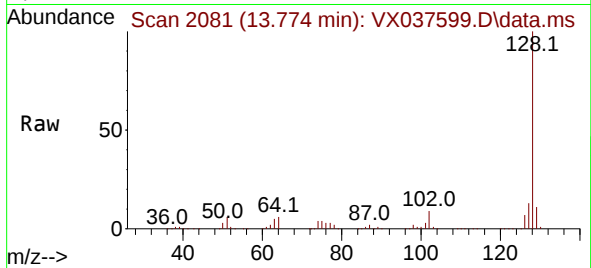
Tgt Ion:	225	Resp:	58041
Ion Ratio	Lower	Upper	
225	100		
223	61.8	31.1	93.2
227	64.2	32.5	97.5





#95
Naphthalene
Concen: 50.867 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19

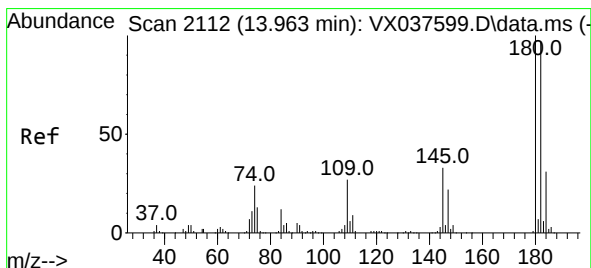
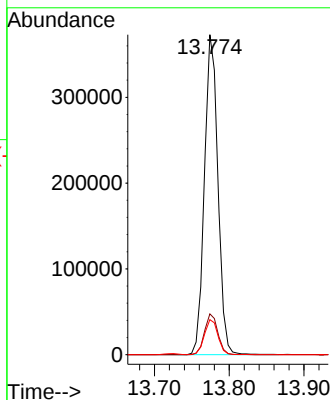
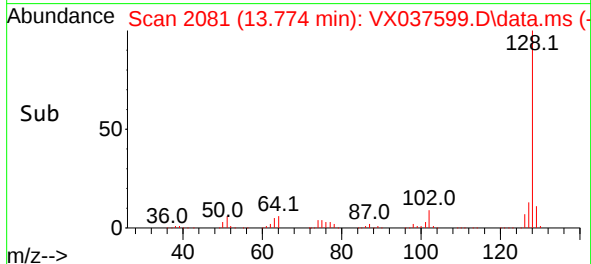
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



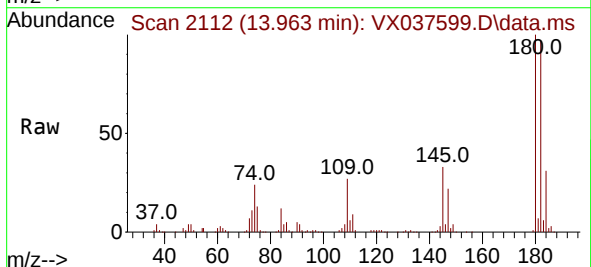
Tgt Ion:128 Resp: 466400
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.232 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX037599.D
Acq: 08 Sep 2023 12:19



Tgt Ion:180 Resp: 130767
Ion Ratio Lower Upper
180 100
182 95.7 46.9 140.6
145 35.2 17.8 53.5

