

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091523\
 Data File : VX037764.D
 Acq On : 15 Sep 2023 18:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/18/2023
 Supervised By : Mahesh Dadoda 09/18/2023

Quant Time: Sep 16 05:48:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	226245	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	386423	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	364744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	185073	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	138403	46.561	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.120%		
35) Dibromofluoromethane	5.391	113	117254	45.349	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.700%		
50) Toluene-d8	8.647	98	419928	43.711	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	87.420%#		
62) 4-Bromofluorobenzene	11.079	95	155493	44.541	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.080%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	104305	43.740	ug/l	97
3) Chloromethane	1.301	50	123807	47.716	ug/l	98
4) Vinyl Chloride	1.374	62	130384	46.579	ug/l	99
5) Bromomethane	1.599	94	100743	50.273	ug/l	100
6) Chloroethane	1.679	64	93174	48.317	ug/l	98
7) Trichlorofluoromethane	1.886	101	208421	46.314	ug/l	97
8) Diethyl Ether	2.136	74	89058	51.080	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.325	101	103592	45.359	ug/l	96
10) Methyl Iodide	2.453	142	154088	50.983	ug/l	92
11) Tert butyl alcohol	2.965	59	173373	271.726	ug/l	# 93
12) 1,1-Dichloroethene	2.319	96	104462	47.328	ug/l	85
13) Acrolein	2.233	56	152781	242.383	ug/l	100
14) Allyl chloride	2.660	41	177853	48.380	ug/l	# 95
15) Acrylonitrile	3.063	53	377961	266.432	ug/l	99
16) Acetone	2.380	43	311699	217.977	ug/l	# 89
17) Carbon Disulfide	2.514	76	247357	44.698	ug/l	100
18) Methyl Acetate	2.703	43	271951	52.719	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	420475	51.786	ug/l	99
20) Methylene Chloride	2.788	84	137759	52.109	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	120204	49.044	ug/l	88
22) Diisopropyl ether	3.764	45	399122	52.123	ug/l	# 84
23) Vinyl Acetate	3.721	43	1502080	266.686	ug/l	96
24) 1,1-Dichloroethane	3.611	63	227064	49.484	ug/l	99
25) 2-Butanone	4.556	43	512752	254.101	ug/l	93
26) 2,2-Dichloropropane	4.477	77	153525	41.407	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	150672	50.145	ug/l	88
28) Bromochloromethane	4.898	49	110711	51.718	ug/l	# 83
29) Tetrahydrofuran	5.001	42	338266	269.497	ug/l	90
30) Chloroform	5.093	83	250230	50.622	ug/l	98
31) Cyclohexane	5.471	56	175792	46.076	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	206677	49.380	ug/l	97
36) 1,1-Dichloropropene	5.690	75	160368	45.025	ug/l	96
37) Ethyl Acetate	4.709	43	201537	51.470	ug/l	97
38) Carbon Tetrachloride	5.678	117	171488	46.016	ug/l	99
39) Methylcyclohexane	7.379	83	199310	44.090	ug/l	93
40) Benzene	6.038	78	526476	48.067	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	105059	52.620	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	196133	49.544	ug/l	96
43) Isopropyl Acetate	6.342	43	322712	51.542	ug/l #	96
44) Trichloroethene	7.129	130	134493	44.093	ug/l	96
45) 1,2-Dichloropropane	7.428	63	138890	48.829	ug/l	99
46) Dibromomethane	7.580	93	103255	50.464	ug/l	92
47) Bromodichloromethane	7.824	83	191348	50.778	ug/l	98
48) Methyl methacrylate	7.690	41	155550	51.970	ug/l #	86
49) 1,4-Dioxane	7.659	88	83676	1066.369	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	1047171	263.609	ug/l	94
52) Toluene	8.720	92	333628	47.264	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	199860	50.723	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	215537	49.426	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	152363	51.195	ug/l	98
56) Ethyl methacrylate	9.116	69	234497	52.779	ug/l	90
57) 1,3-Dichloropropane	9.311	76	241509	50.148	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	523197	252.185	ug/l	98
59) 2-Hexanone	9.433	43	819698	265.021	ug/l	93
60) Dibromochloromethane	9.525	129	154980	52.274	ug/l	100
61) 1,2-Dibromoethane	9.610	107	163318	51.830	ug/l	99
64) Tetrachloroethene	9.275	164	114315	45.956	ug/l	99
65) Chlorobenzene	10.080	112	366875	46.631	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	141073	50.598	ug/l	99
67) Ethyl Benzene	10.195	91	639204	46.861	ug/l	100
68) m/p-Xylenes	10.299	106	495386	93.986	ug/l	98
69) o-Xylene	10.640	106	253750	48.009	ug/l	97
70) Styrene	10.653	104	422620	49.806	ug/l	96
71) Bromoform	10.799	173	117355	53.282	ug/l #	99
73) Isopropylbenzene	10.964	105	640769	47.192	ug/l	99
74) N-amyl acetate	10.842	43	298922	54.360	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	251365	52.639	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	224922m	52.545	ug/l	
77) Bromobenzene	11.201	156	166589	49.570	ug/l	88
78) n-propylbenzene	11.305	91	731257	47.688	ug/l	99
79) 2-Chlorotoluene	11.366	91	449226	47.513	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	553021	48.229	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	68652	51.376	ug/l	91
82) 4-Chlorotoluene	11.451	91	514448	48.330	ug/l	96
83) tert-Butylbenzene	11.713	119	548305	47.313	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	557407	48.858	ug/l	98
85) sec-Butylbenzene	11.890	105	675383	48.037	ug/l	99
86) p-Isopropyltoluene	12.006	119	565602	48.285	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	302086	48.221	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	302265	47.151	ug/l	98
89) n-Butylbenzene	12.329	91	497234	48.456	ug/l	97
90) Hexachloroethane	12.536	117	96976	48.862	ug/l	86
91) 1,2-Dichlorobenzene	12.335	146	313481	49.012	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	52637	55.298	ug/l	77
93) 1,2,4-Trichlorobenzene	13.585	180	186224	49.427	ug/l	97
94) Hexachlorobutadiene	13.725	225	81876	46.536	ug/l	98
95) Naphthalene	13.774	128	677488	53.170	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	192231	49.580	ug/l	98

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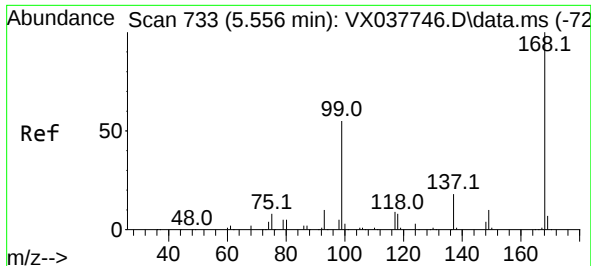
Manual Integrations
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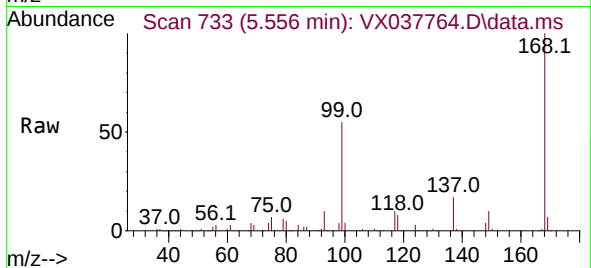
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
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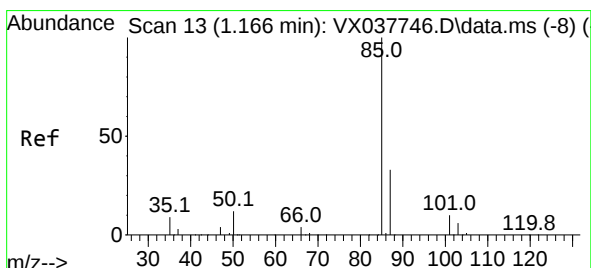
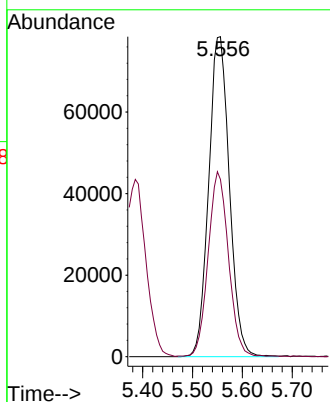
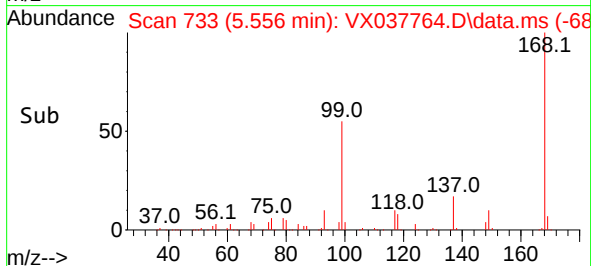
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 226245
Ion Ratio Lower Upper
168 100
99 55.3 56.6 85.0

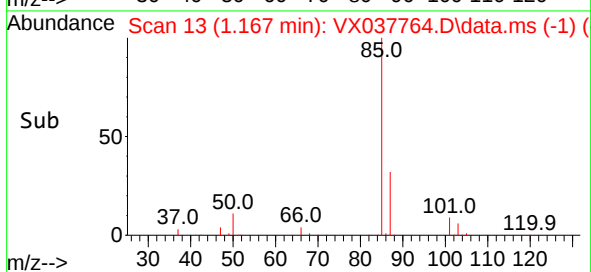
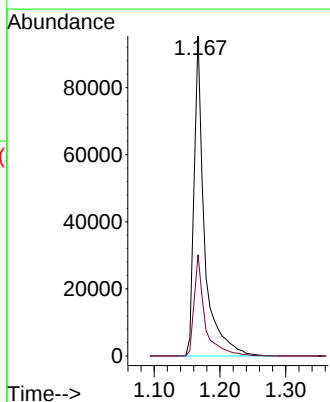
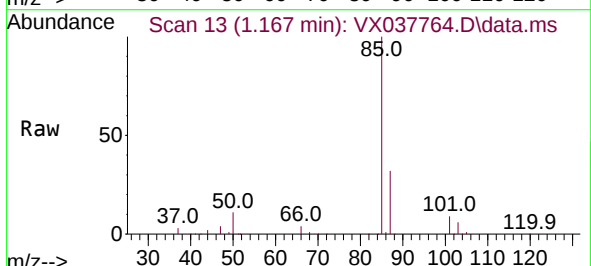
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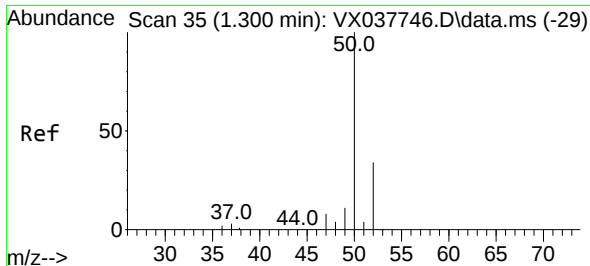
Reviewed By :John Carlone 09/18/2023
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#2
Dichlorodifluoromethane
Concen: 43.740 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54

Tgt Ion: 85 Resp: 104305
Ion Ratio Lower Upper
85 100
87 31.7 16.7 50.1





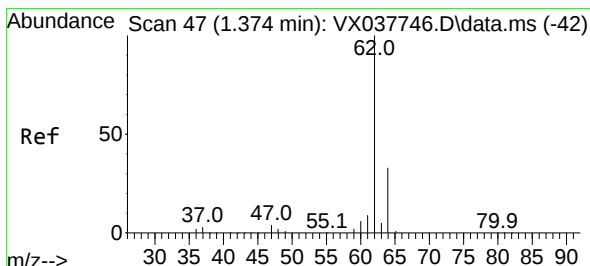
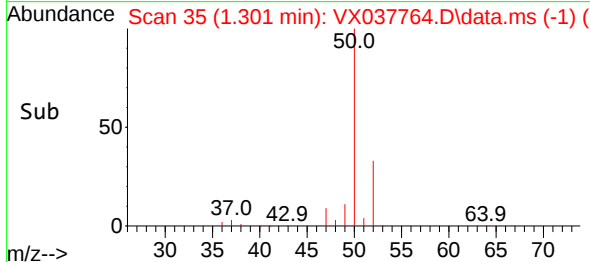
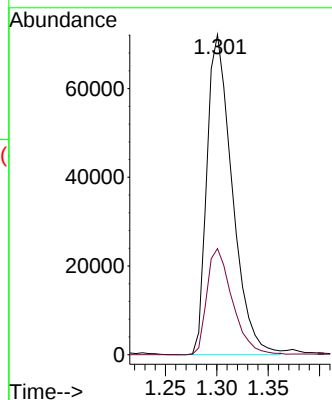
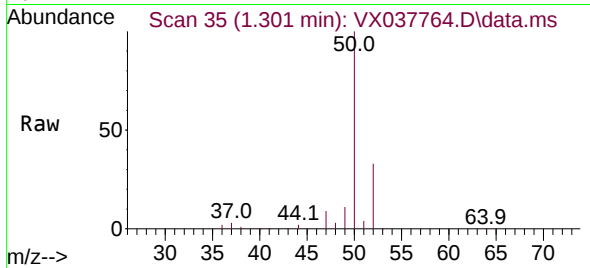
#3
Chloromethane
Concen: 47.716 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX037764.D
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Tgt Ion: 50 Resp: 12380
Ion Ratio Lower Upper
50 100
52 33.1 25.5 38.3

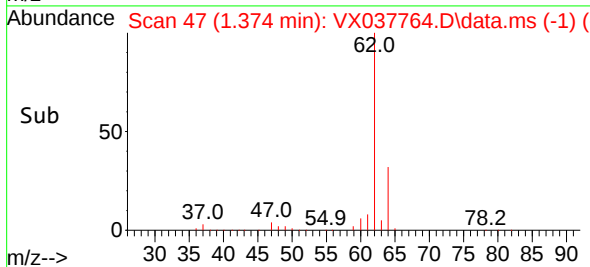
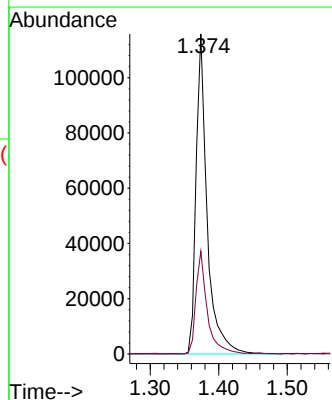
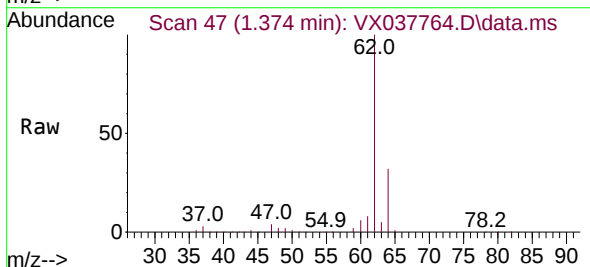
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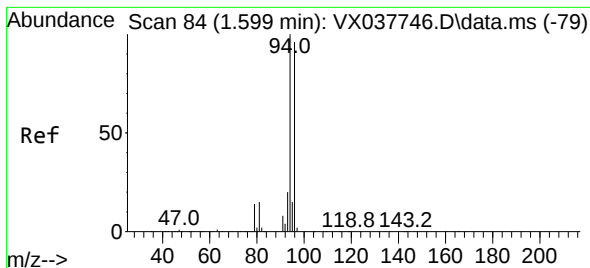
Reviewed By :John Carlone 09/18/2023
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#4
Vinyl Chloride
Concen: 46.579 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54

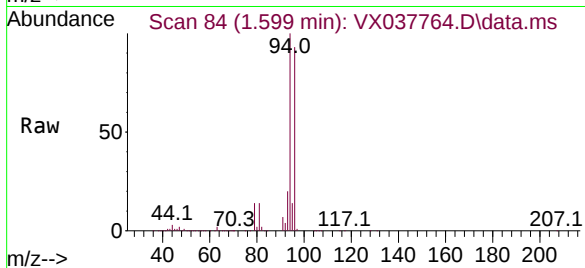
Tgt Ion: 62 Resp: 130384
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0





#5
Bromomethane
Concen: 50.273 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54

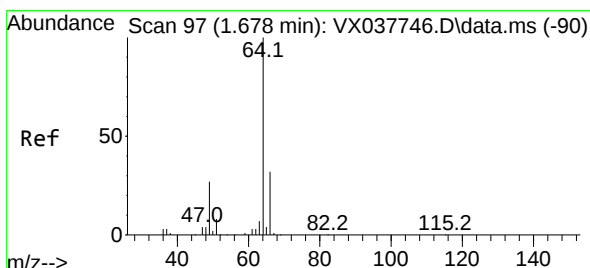
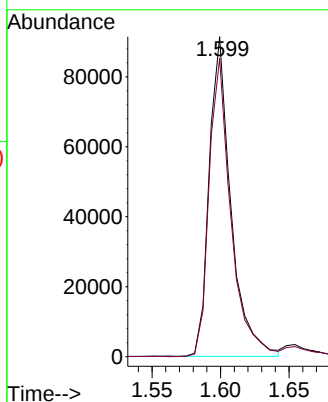
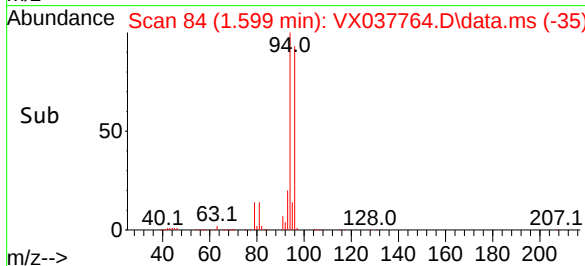
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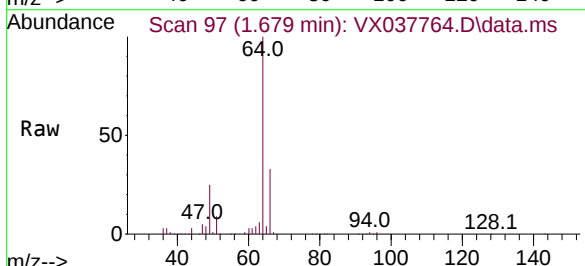
Tgt Ion: 94 Resp: 10074
Ion Ratio Lower Upper
94 100
96 93.3 74.6 111.8

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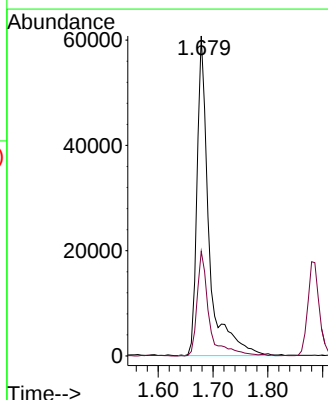
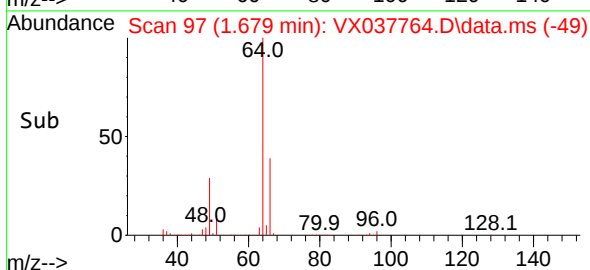
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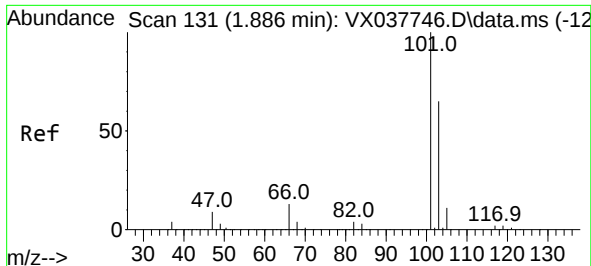


#6
Chloroethane
Concen: 48.317 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
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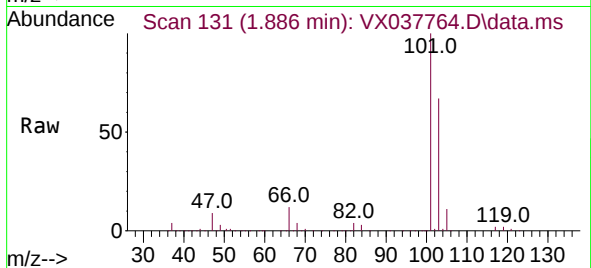
Tgt Ion: 64 Resp: 93174
Ion Ratio Lower Upper
64 100
66 32.8 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 46.314 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. -0.000 min
 Lab File: VX037764.D
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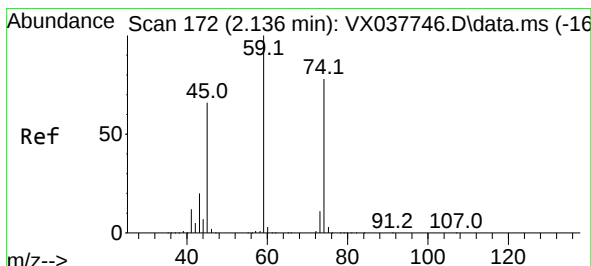
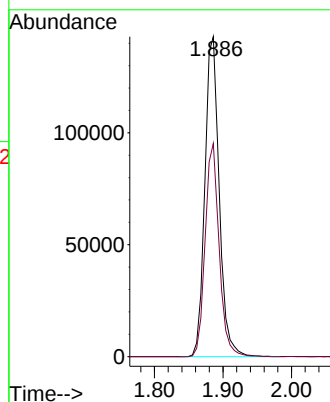
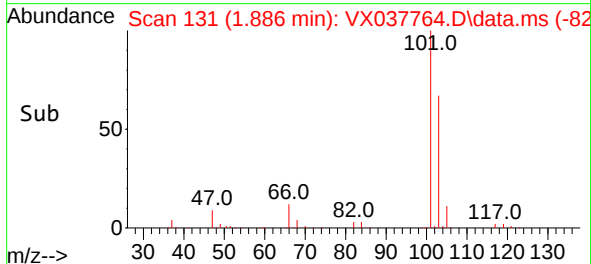
Instrument :
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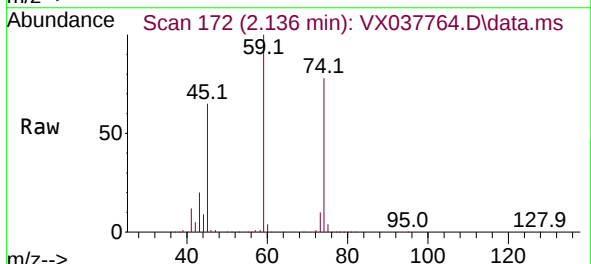
Tgt Ion:101 Resp: 20842
 Ion Ratio Lower Upper
 101 100
 103 66.6 51.4 77.2

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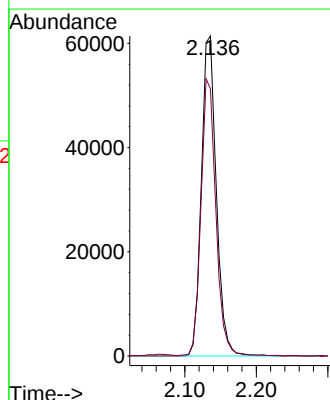
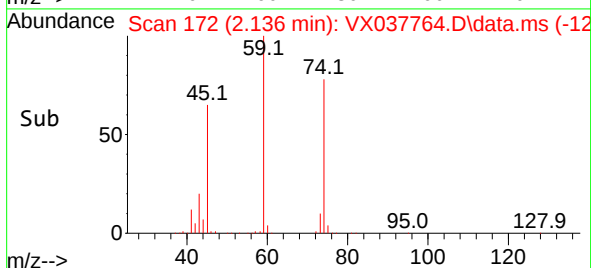
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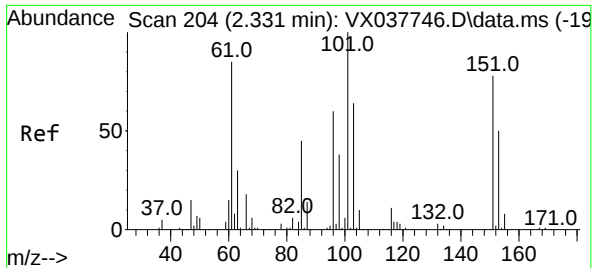


#8
 Diethyl Ether
 Concen: 51.080 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 89058
 Ion Ratio Lower Upper
 74 100
 45 86.7 53.3 159.8





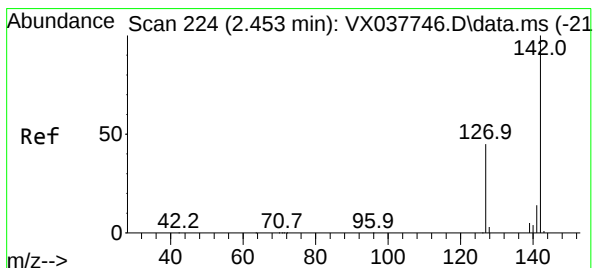
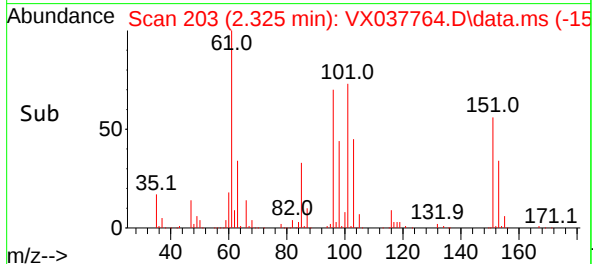
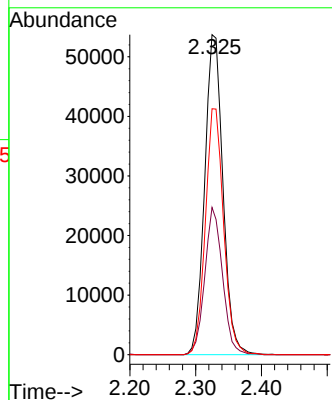
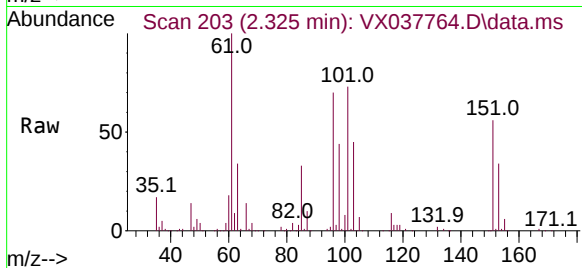
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.359 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 103592
Ion Ratio Lower Upper
101 100
85 44.7 37.0 55.6
151 76.8 58.6 87.8

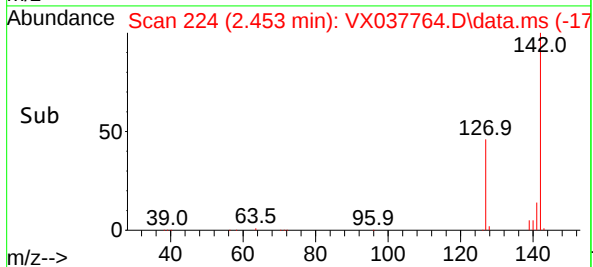
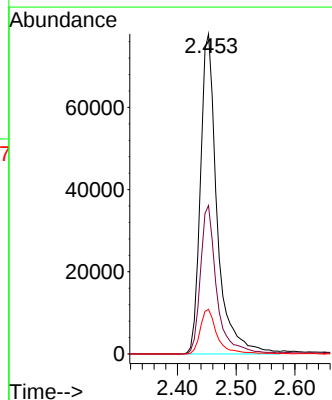
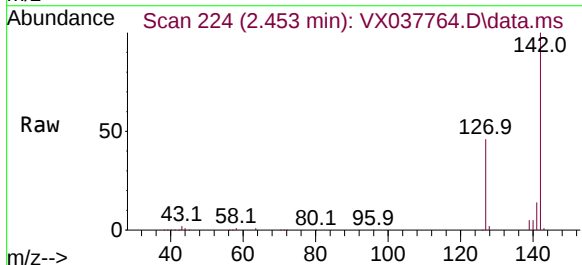
Manual Integrations
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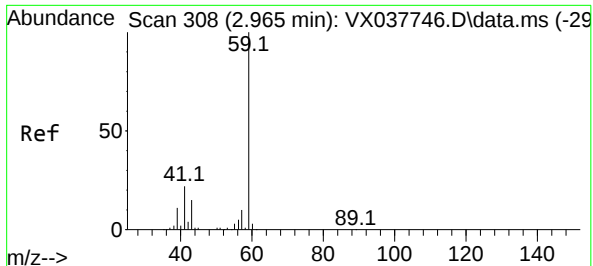
Reviewed By :John Carbone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#10
Methyl Iodide
Concen: 50.983 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54

Tgt Ion:142 Resp: 154088
Ion Ratio Lower Upper
142 100
127 45.3 41.6 62.4
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 271.726 ug/l

RT: 2.965 min Scan# 308

Delta R.T. 0.000 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 17337

Ion Ratio Lower Upper

59 100

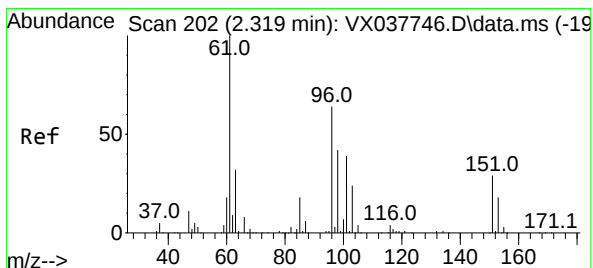
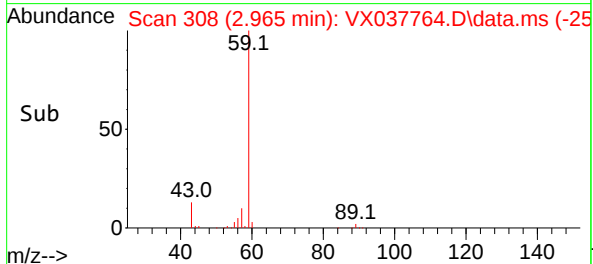
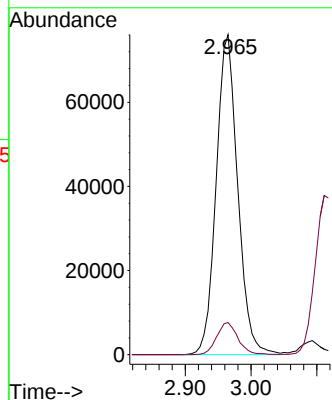
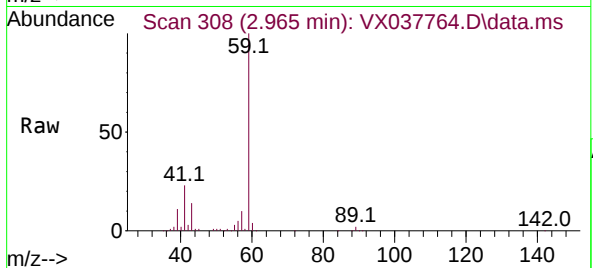
57 9.9 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#12

1,1-Dichloroethene

Concen: 47.328 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.006 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

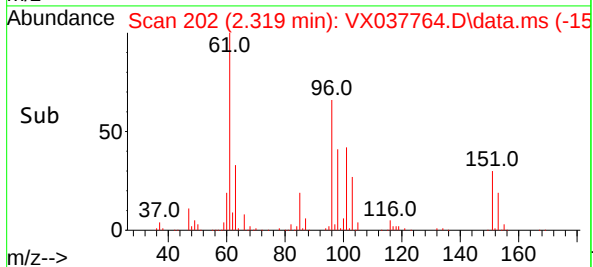
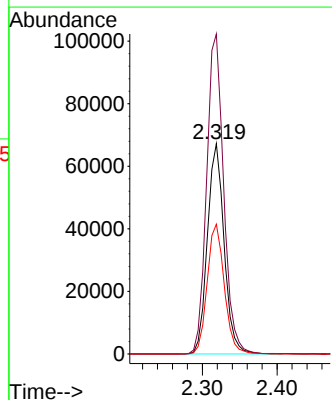
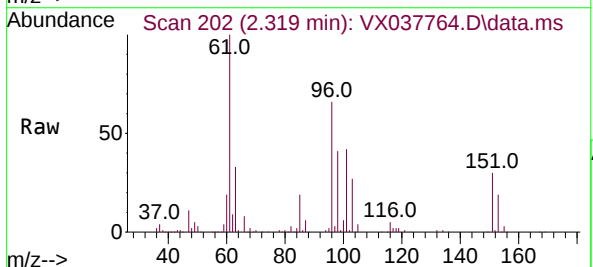
Tgt Ion: 96 Resp: 104462

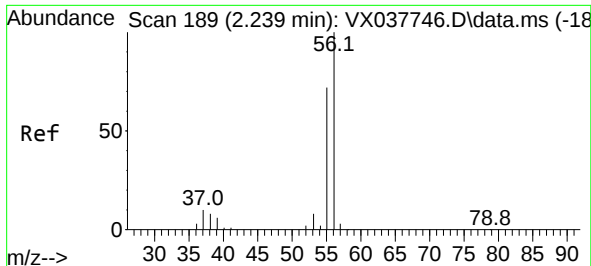
Ion Ratio Lower Upper

96 100

61 152.2 144.6 216.8

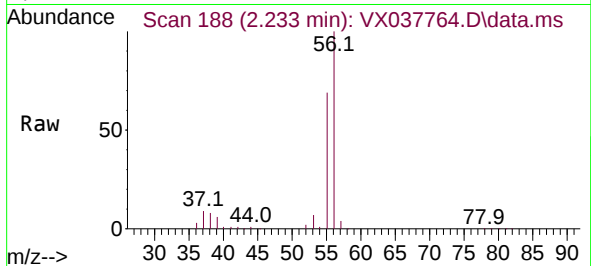
98 61.7 50.4 75.6





#13
Acrolein
Concen: 242.383 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54

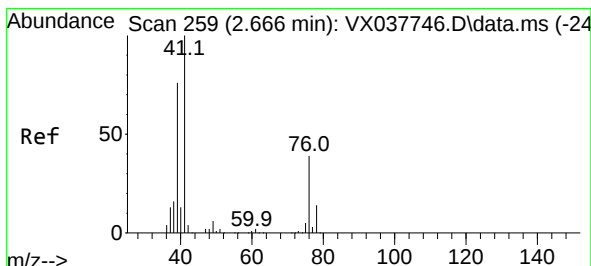
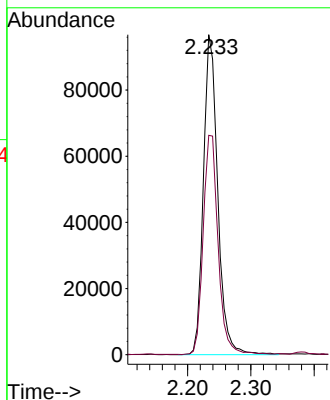
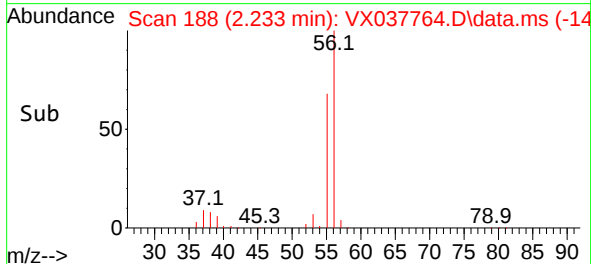
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



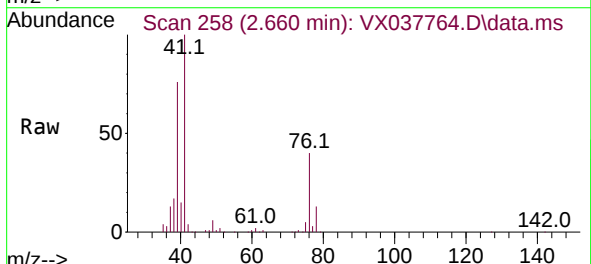
Tgt Ion: 56 Resp: 15278
Ion Ratio Lower Upper
56 100
55 71.4 57.1 85.7

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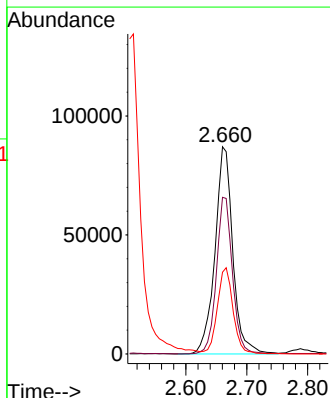
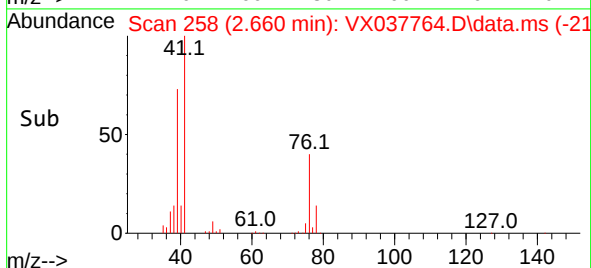
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

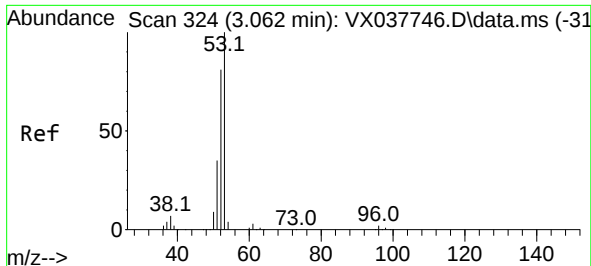


#14
Allyl chloride
Concen: 48.380 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54



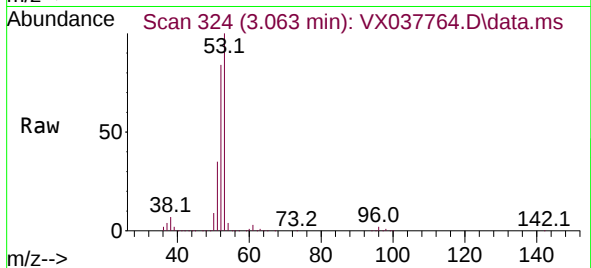
Tgt Ion: 41 Resp: 177853
Ion Ratio Lower Upper
41 100
39 68.0 55.8 83.6
76 36.7 24.3 36.5





#15
Acrylonitrile
Concen: 266.432 ug/l
RT: 3.063 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54

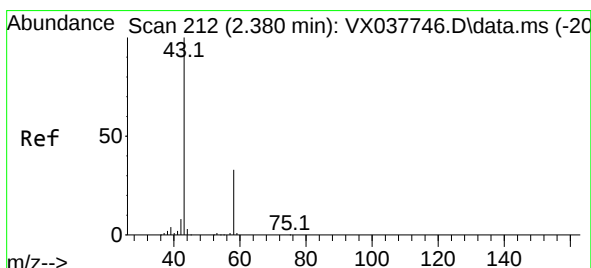
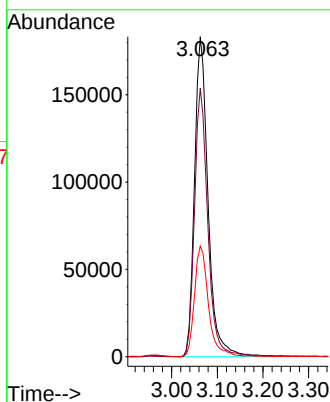
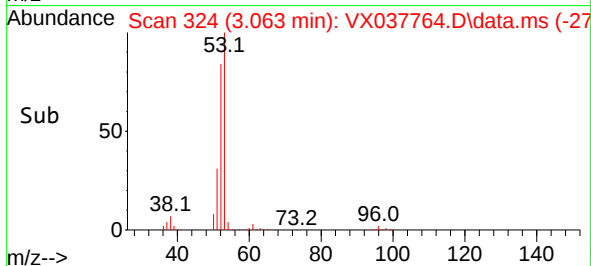
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 37796
Ion Ratio Lower Upper
53 100
52 82.4 66.0 99.0
51 36.1 29.8 44.6

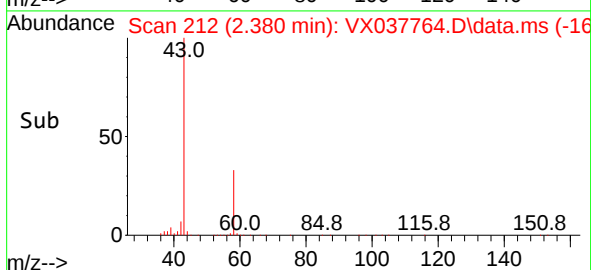
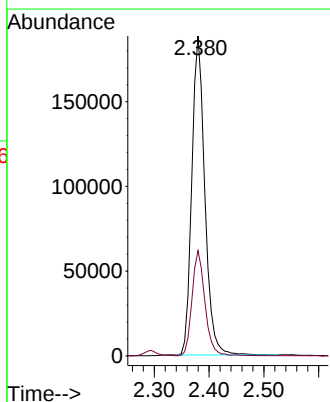
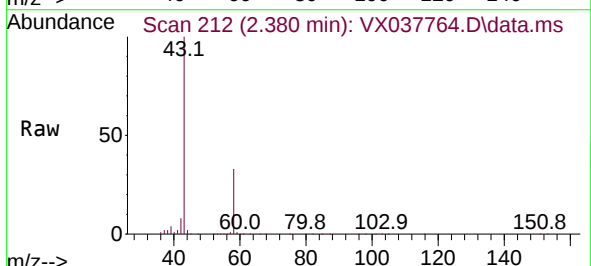
Manual Integrations
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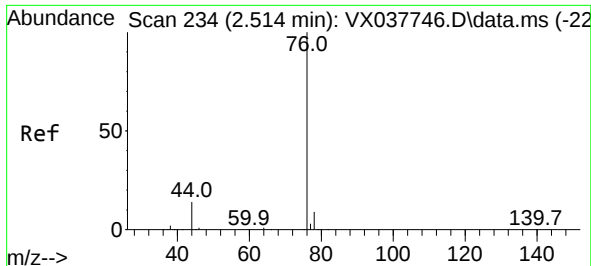
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#16
Acetone
Concen: 217.977 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54

Tgt Ion: 43 Resp: 311699
Ion Ratio Lower Upper
43 100
58 32.9 21.9 32.9





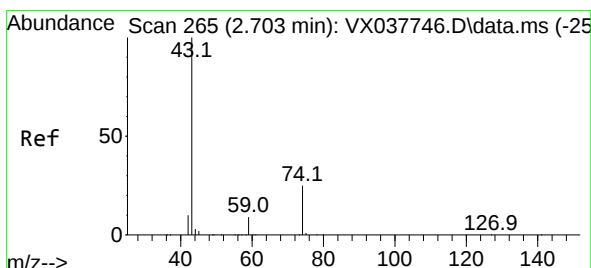
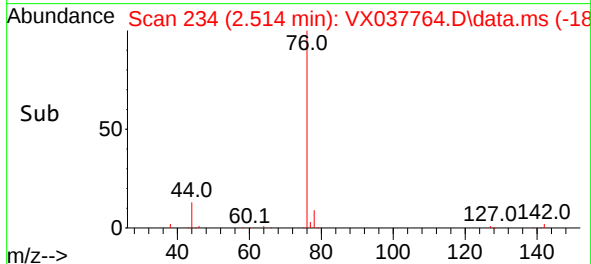
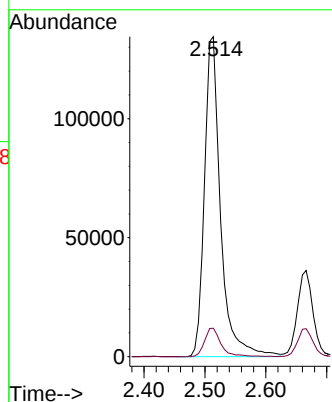
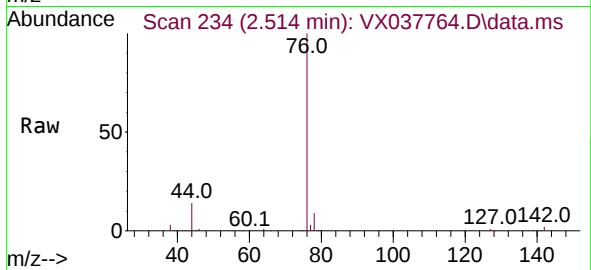
#17
Carbon Disulfide
Concen: 44.698 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 24735
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6

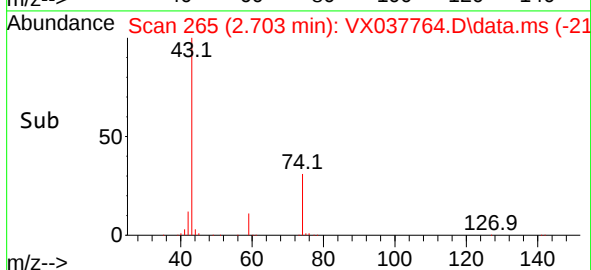
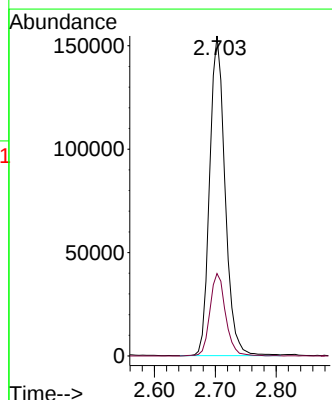
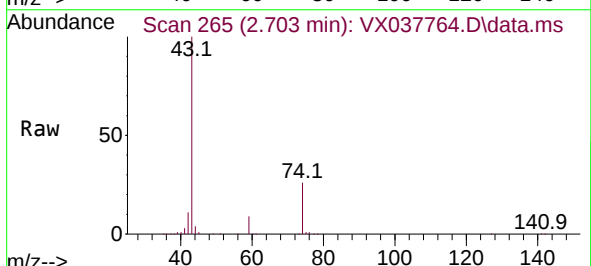
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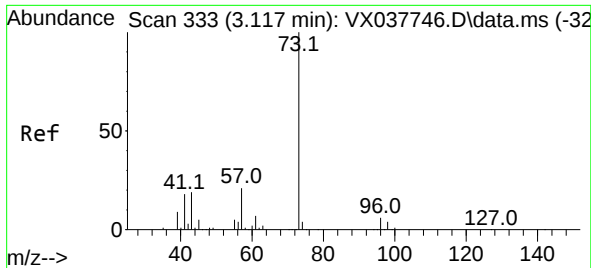
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#18
Methyl Acetate
Concen: 52.719 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54

Tgt Ion: 43 Resp: 271951
Ion Ratio Lower Upper
43 100
74 26.2 17.8 26.8





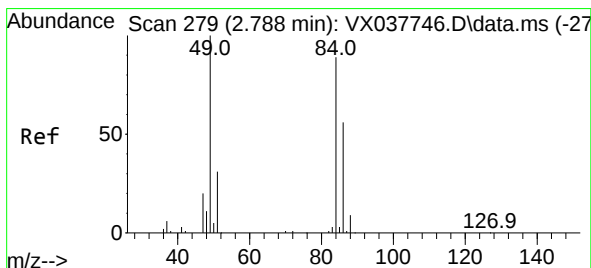
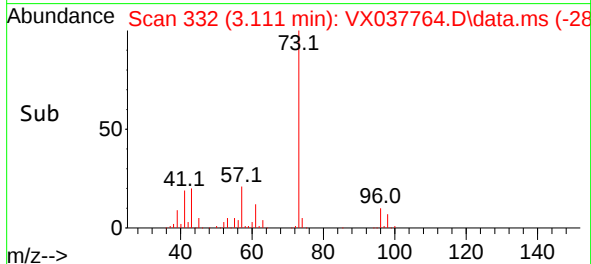
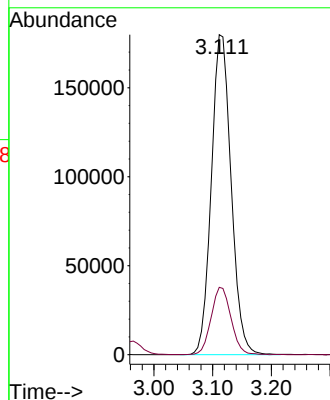
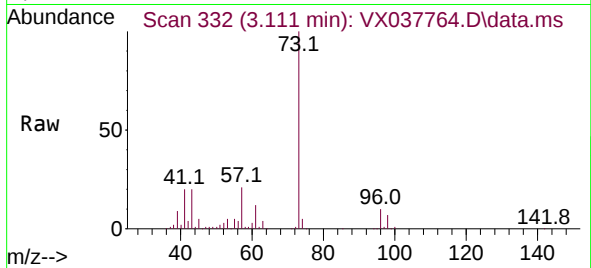
#19
Methyl tert-butyl Ether
Concen: 51.786 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 420475
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9

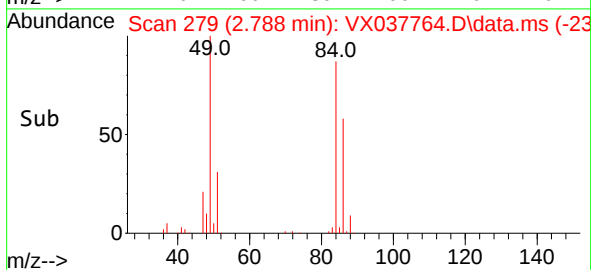
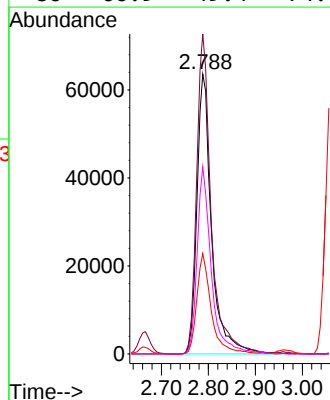
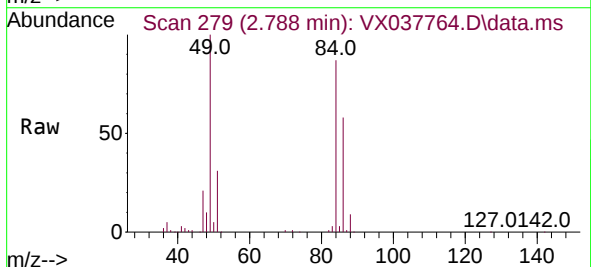
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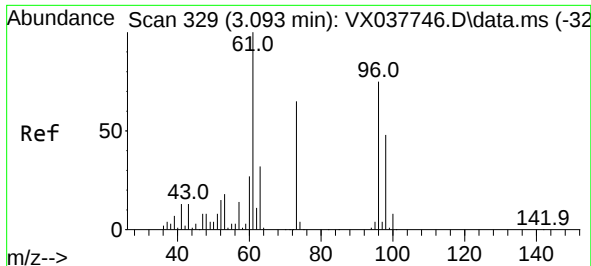
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#20
Methylene Chloride
Concen: 52.109 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54

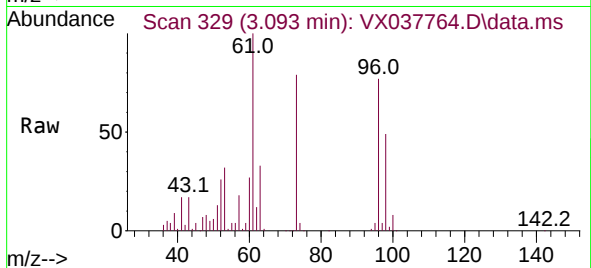
Tgt Ion: 84 Resp: 137759
Ion Ratio Lower Upper
84 100
49 114.4 103.6 155.4
51 35.9 33.8 50.6
86 66.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 49.044 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54

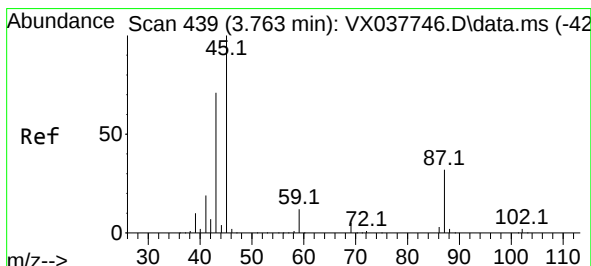
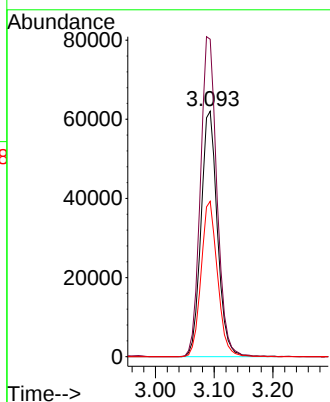
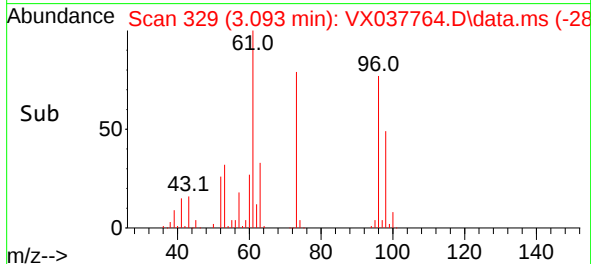
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 120204
Ion Ratio Lower Upper
96 100
61 129.3 119.2 178.8
98 63.3 48.7 73.1

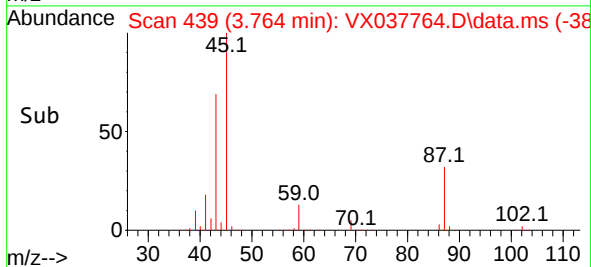
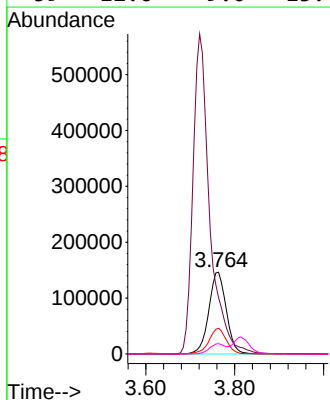
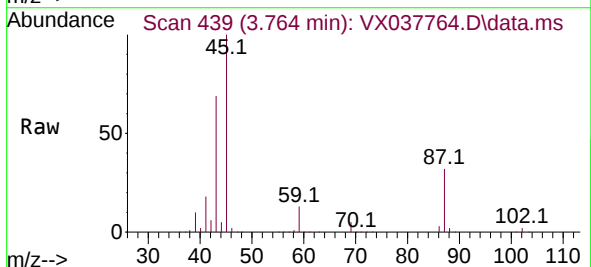
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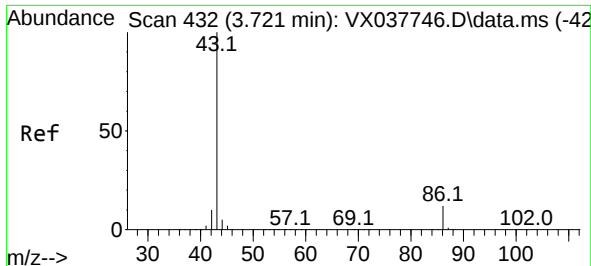
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#22
Diisopropyl ether
Concen: 52.123 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54

Tgt Ion: 45 Resp: 399122
Ion Ratio Lower Upper
45 100
43 68.9 69.7 104.5#
87 31.5 20.8 31.2#
59 12.6 9.0 13.4





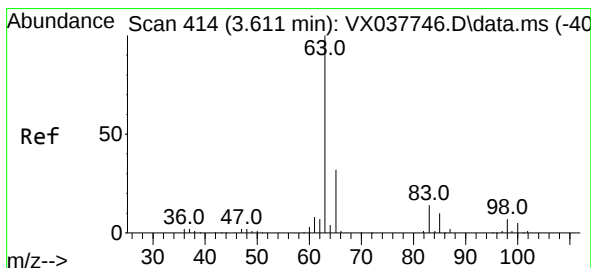
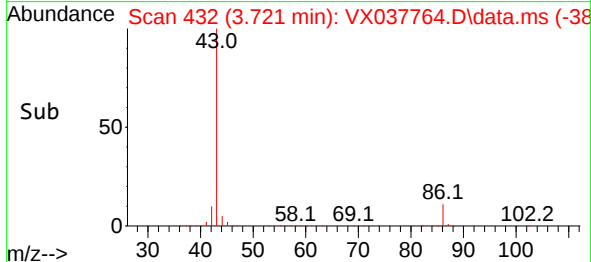
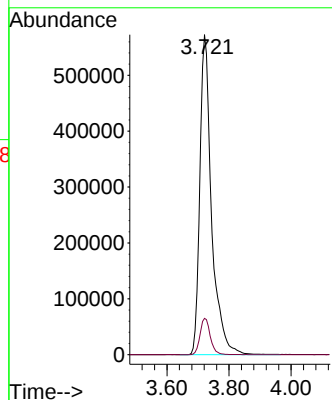
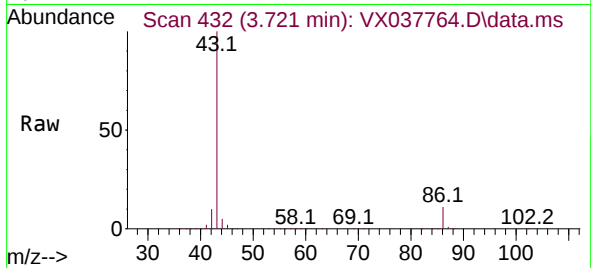
#23
 Vinyl Acetate
 Concen: 266.686 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX037764.D
 Acq: 15 Sep 2023 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1502080
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.8 11.8

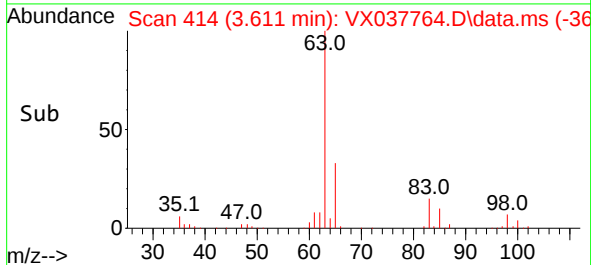
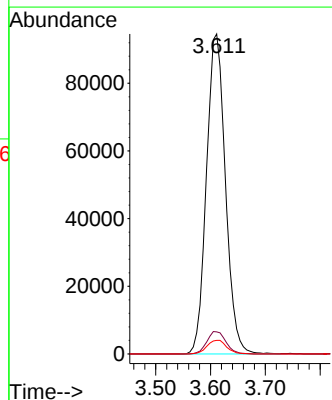
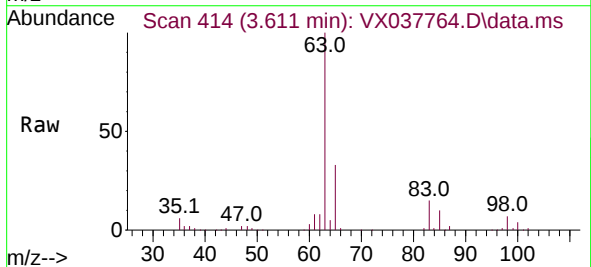
Manual Integrations
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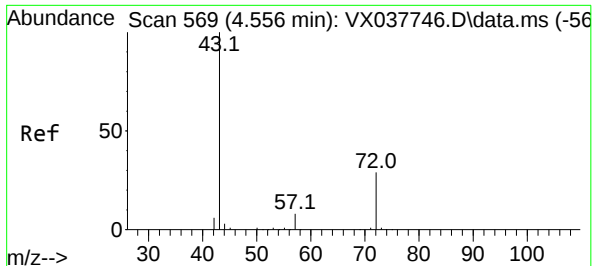
Reviewed By :John Carlone 09/18/2023
 Supervised By :Mahesh Dadoda 09/18/2023



#24
 1,1-Dichloroethane
 Concen: 49.484 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX037764.D
 Acq: 15 Sep 2023 18:54

Tgt Ion: 63 Resp: 227064
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.8
 100 4.3 2.1 6.5





#25

2-Butanone

Concen: 254.101 ug/l

RT: 4.556 min Scan# 512752

Delta R.T. -0.012 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 512752

Ion Ratio Lower Upper

43 100

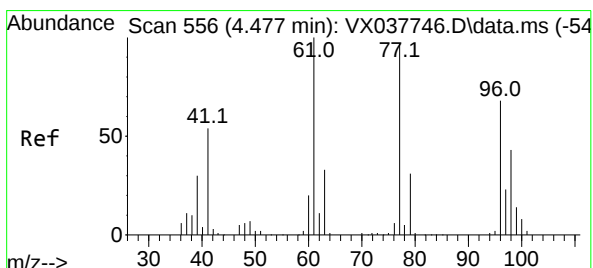
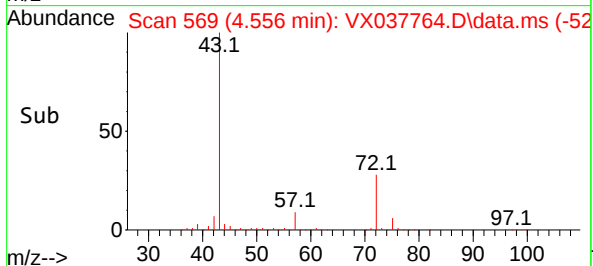
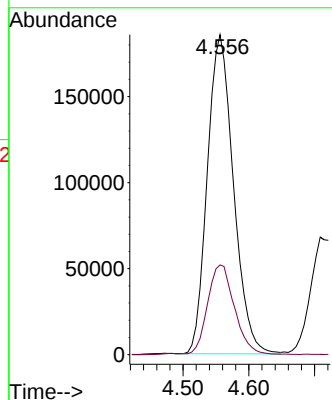
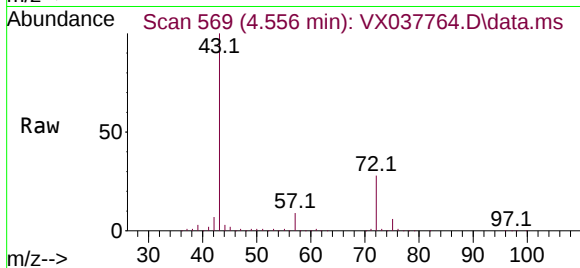
72 28.0 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#26

2,2-Dichloropropane

Concen: 41.407 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX037764.D

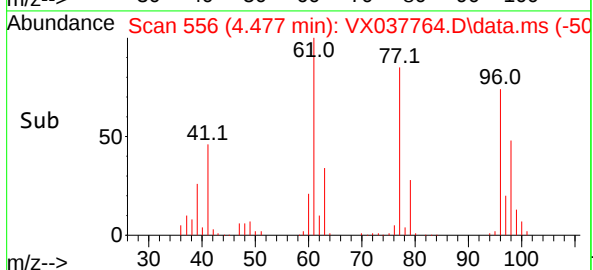
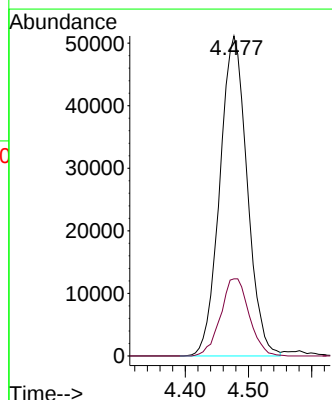
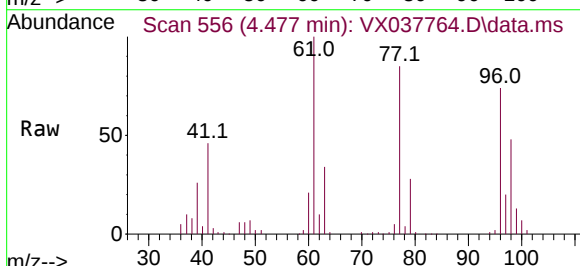
Acq: 15 Sep 2023 18:54

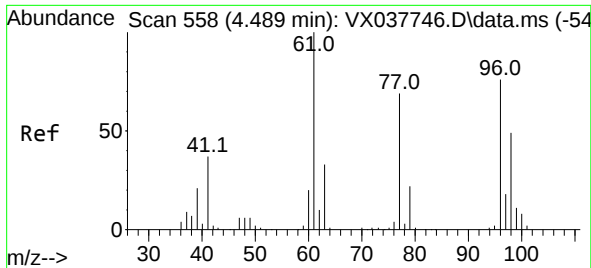
Tgt Ion: 77 Resp: 153525

Ion Ratio Lower Upper

77 100

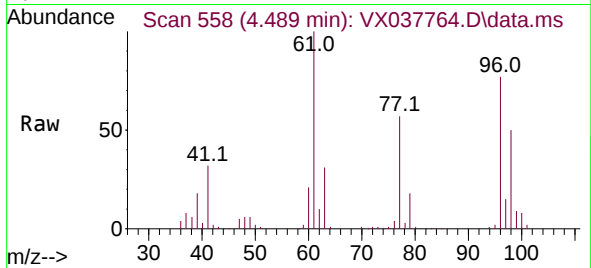
97 25.2 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 50.145 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX037764.D
 Acq: 15 Sep 2023 18:54

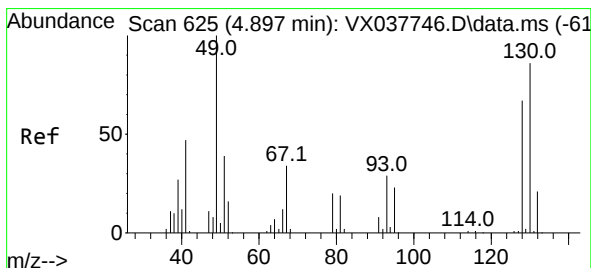
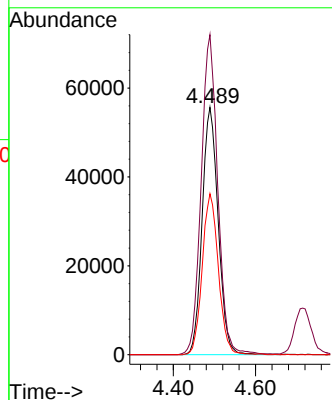
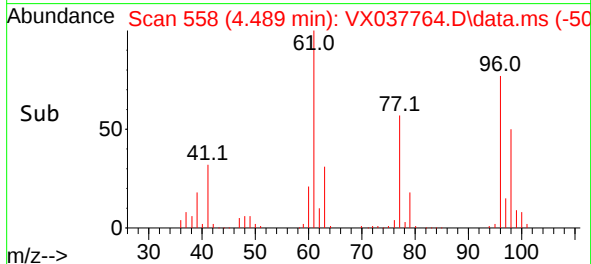
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



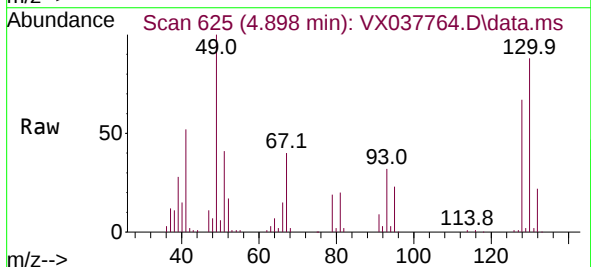
Tgt Ion: 96 Resp: 150672
 Ion Ratio Lower Upper
 96 100
 61 133.9 0.0 312.2
 98 65.4 0.0 129.0

Manual Integrations
 APPROVED

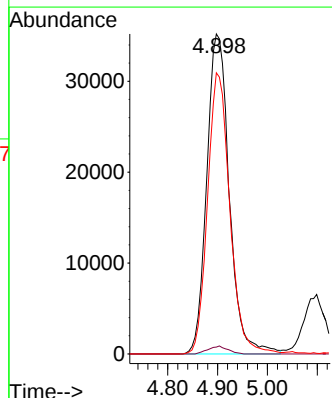
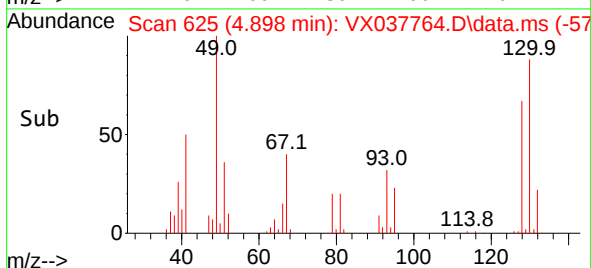
Reviewed By :John Carlone 09/18/2023
 Supervised By :Mahesh Dadoda 09/18/2023

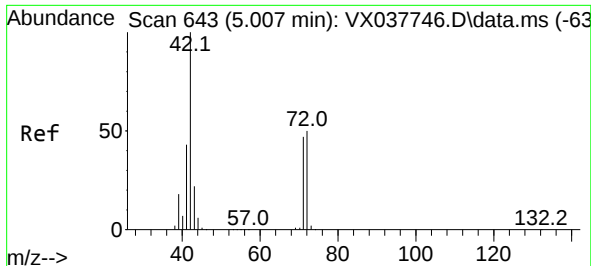


#28
 Bromochloromethane
 Concen: 51.718 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. -0.006 min
 Lab File: VX037764.D
 Acq: 15 Sep 2023 18:54



Tgt Ion: 49 Resp: 110711
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 86.8 57.5 86.3#





#29

Tetrahydrofuran

Concen: 269.497 ug/l

RT: 5.001 min Scan# 643

Delta R.T. -0.012 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 338260

Ion Ratio Lower Upper

42 100

72 49.9 34.2 51.4

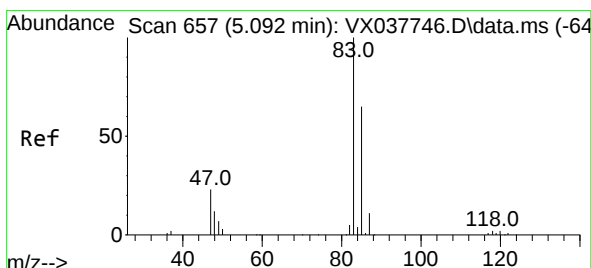
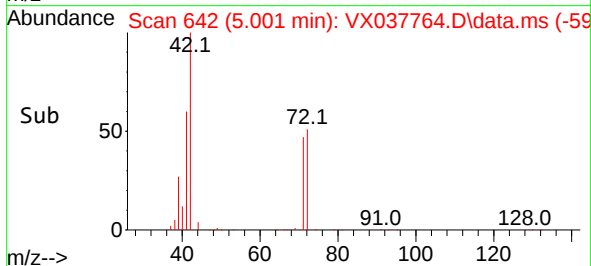
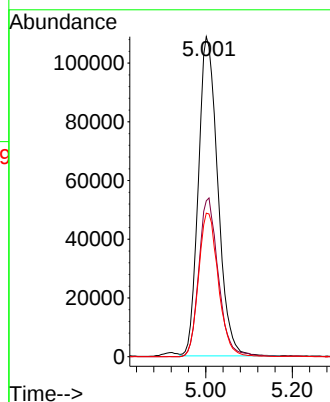
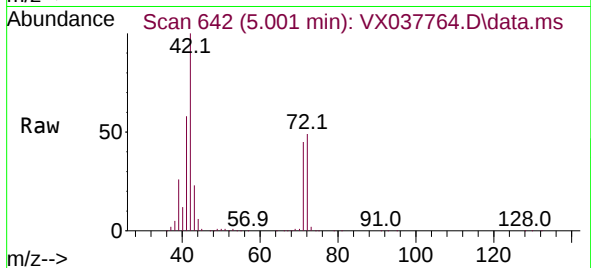
71 45.9 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#30

Chloroform

Concen: 50.622 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX037764.D

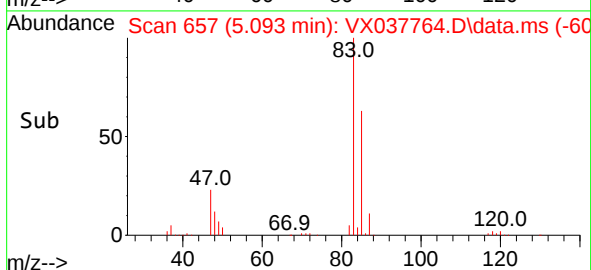
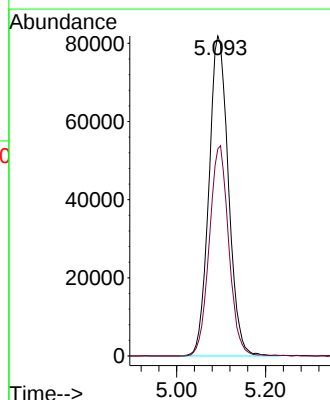
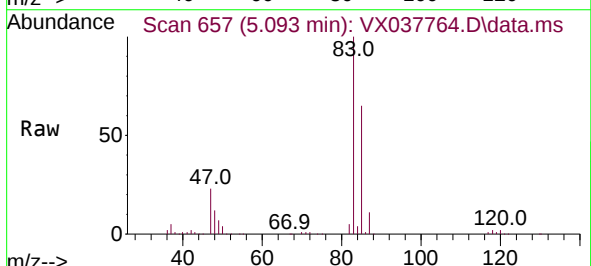
Acq: 15 Sep 2023 18:54

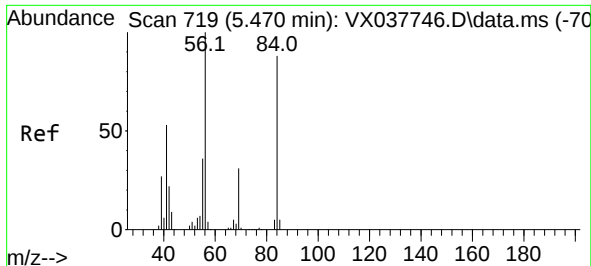
Tgt Ion: 83 Resp: 250230

Ion Ratio Lower Upper

83 100

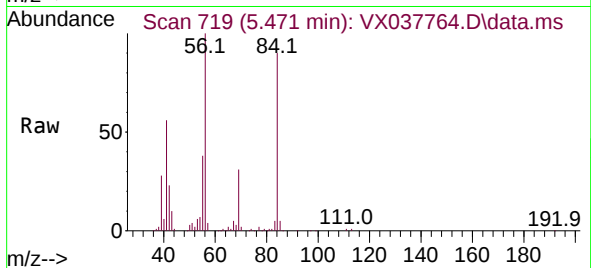
85 64.7 50.3 75.5





#31
Cyclohexane
Concen: 46.076 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54

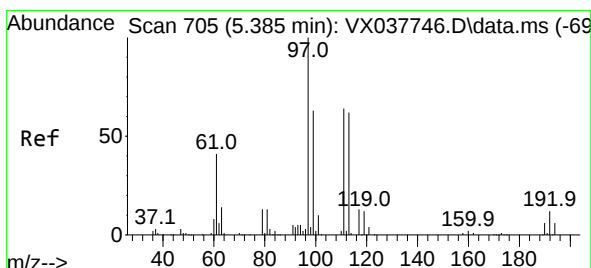
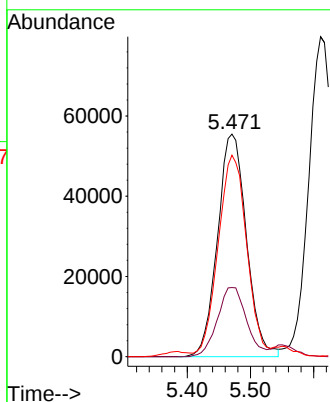
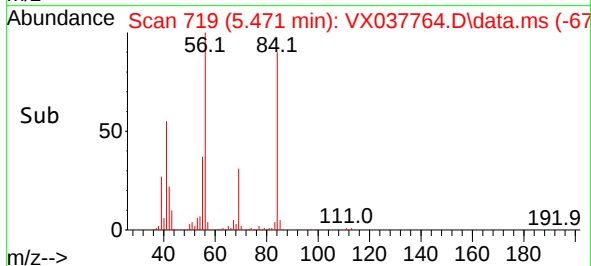
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 175792
Ion Ratio Lower Upper
56 100
69 31.1 23.4 35.2
84 88.1 65.9 98.9

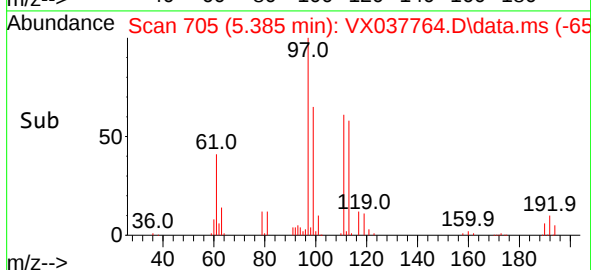
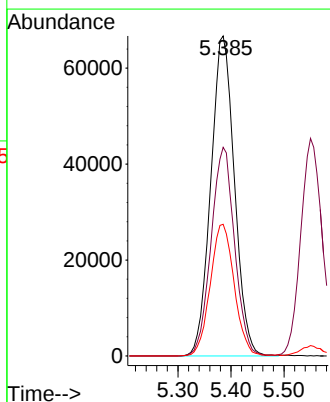
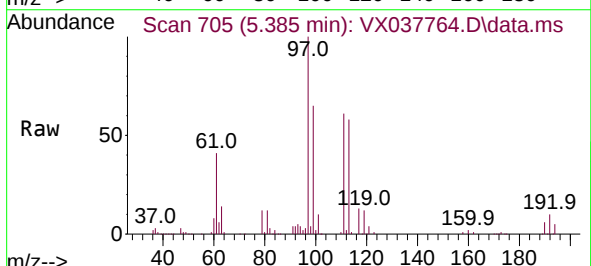
Manual Integrations
APPROVED

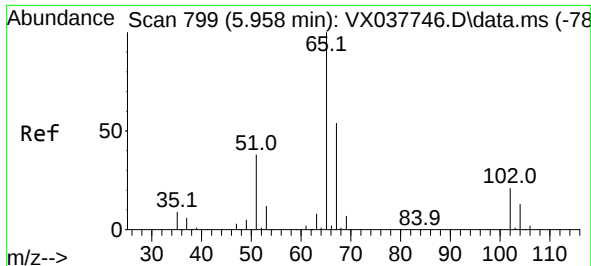
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#32
1,1,1-Trichloroethane
Concen: 49.380 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54

Tgt Ion: 97 Resp: 206677
Ion Ratio Lower Upper
97 100
99 64.9 51.1 76.7
61 41.7 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 46.561 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 13840

Ion Ratio Lower Upper

65 100

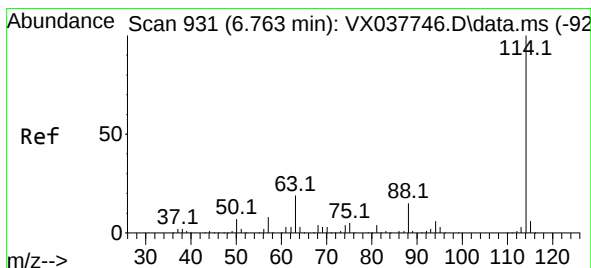
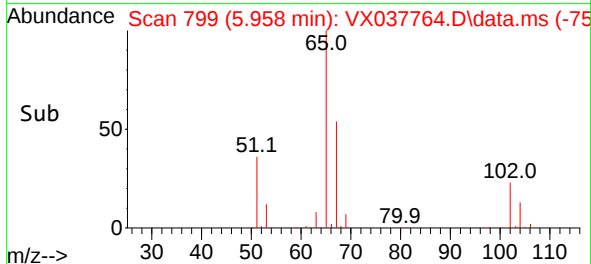
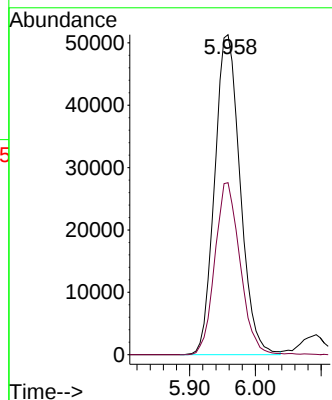
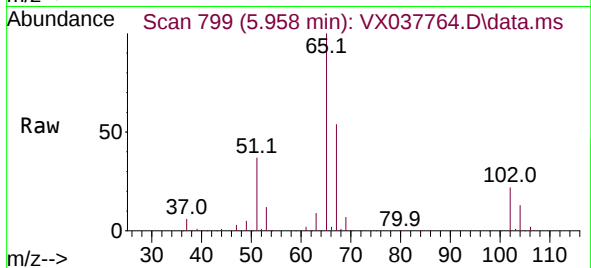
67 53.1 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

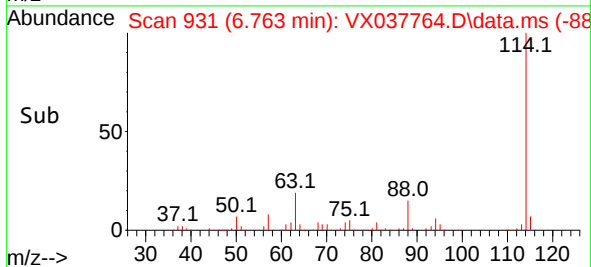
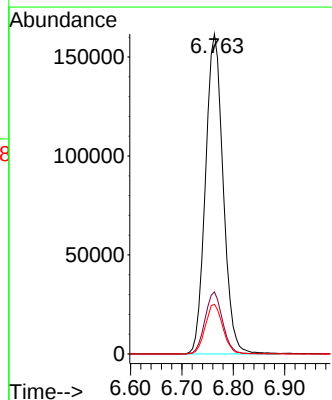
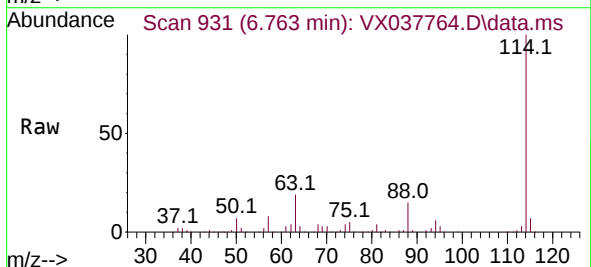
Tgt Ion:114 Resp: 386423

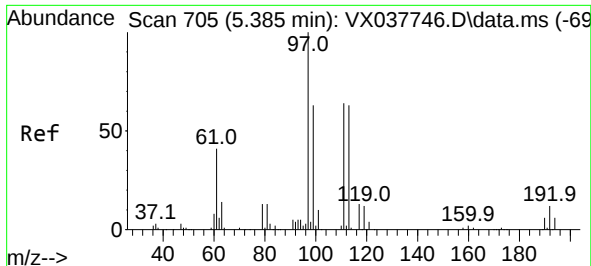
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

88 15.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.349 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 117254

Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

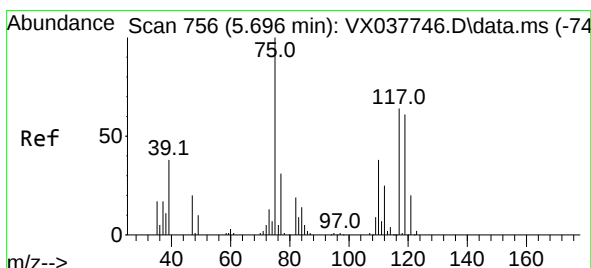
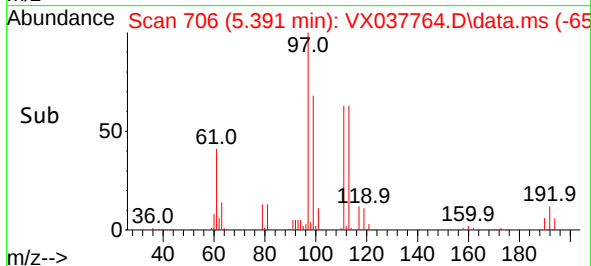
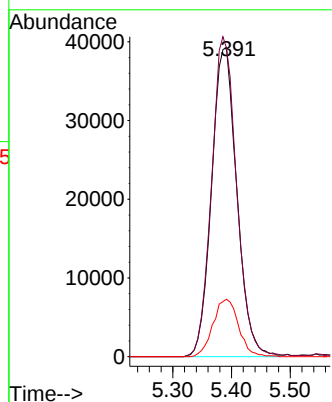
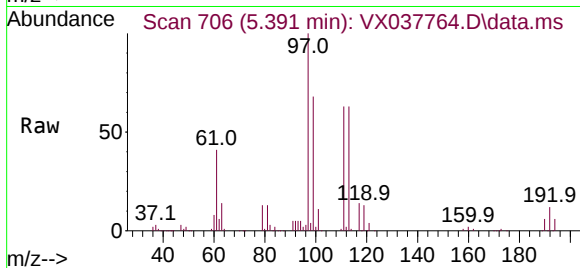
192 18.8 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#36

1,1-Dichloropropene

Concen: 45.025 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.006 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

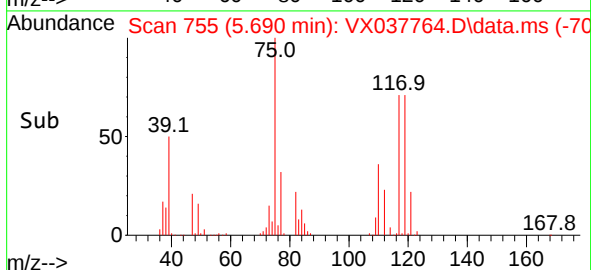
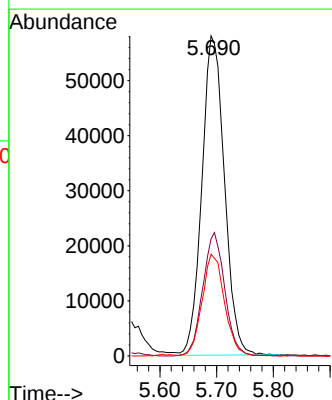
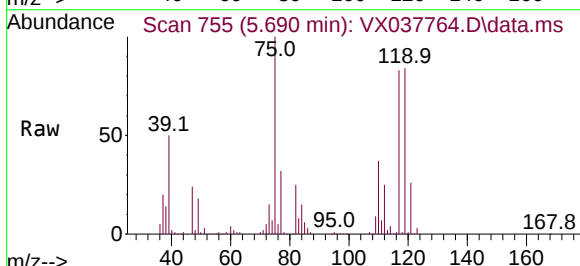
Tgt Ion: 75 Resp: 160368

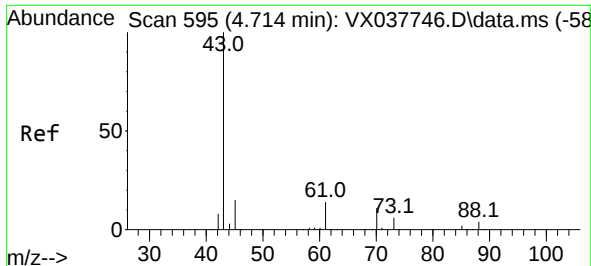
Ion Ratio Lower Upper

75 100

110 37.7 17.0 50.9

77 31.7 24.7 37.1





#37

Ethyl Acetate

Concen: 51.470 ug/l

RT: 4.709 min Scan# 594

Delta R.T. -0.024 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 20153

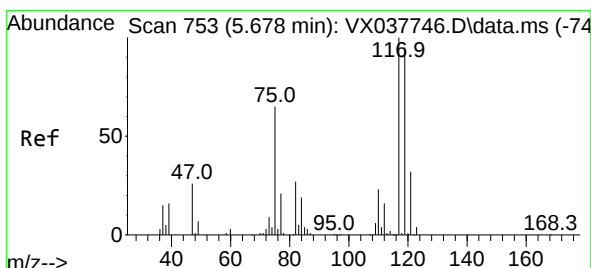
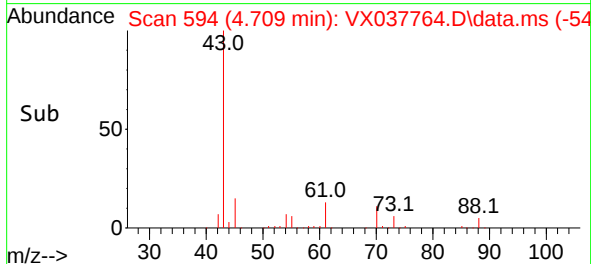
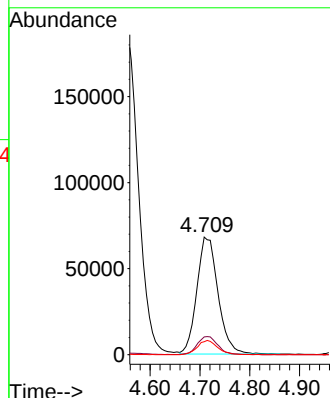
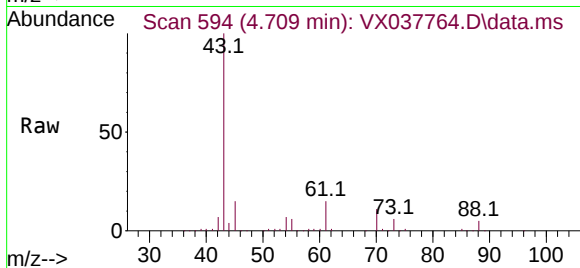
Ion	Ratio	Lower	Upper
43	100		
61	14.6	10.6	16.0
70	11.5	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#38

Carbon Tetrachloride

Concen: 46.016 ug/l

RT: 5.678 min Scan# 753

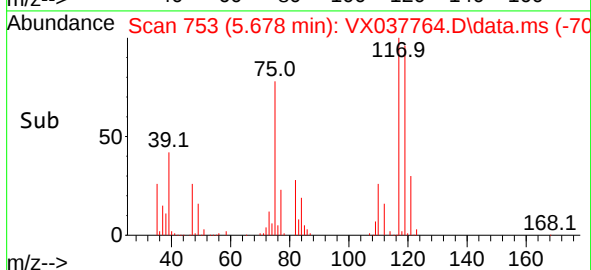
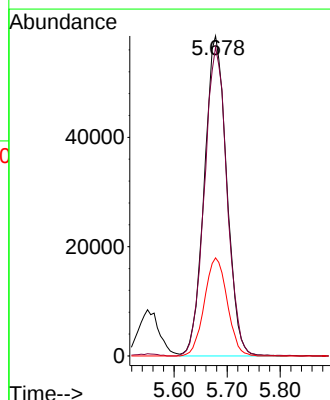
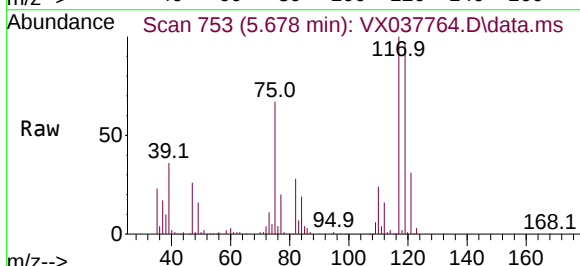
Delta R.T. 0.000 min

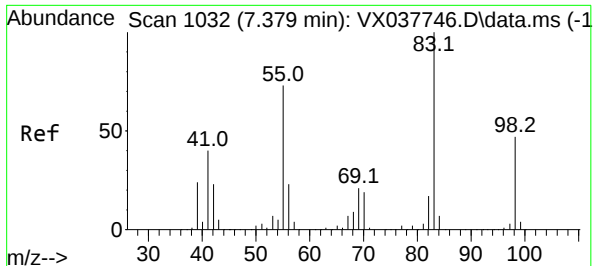
Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Tgt Ion:117 Resp: 171488

Ion	Ratio	Lower	Upper
117	100		
119	96.3	78.2	117.2
121	30.6	24.4	36.6





#39

Methylcyclohexane

Concen: 44.090 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 199310

Ion Ratio Lower Upper

83 100

55 71.7 64.6 97.0

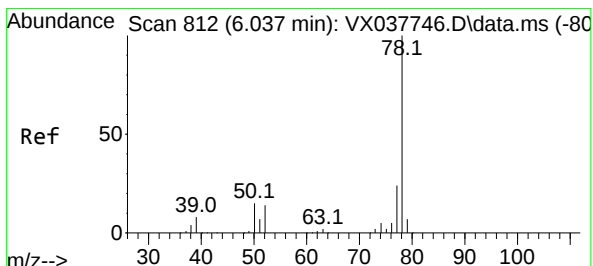
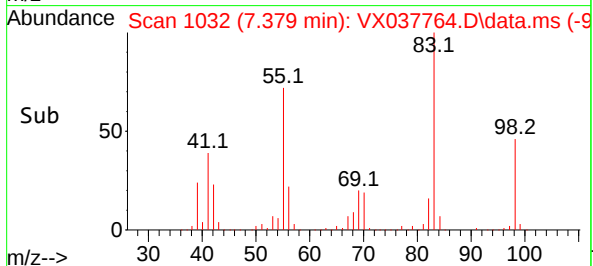
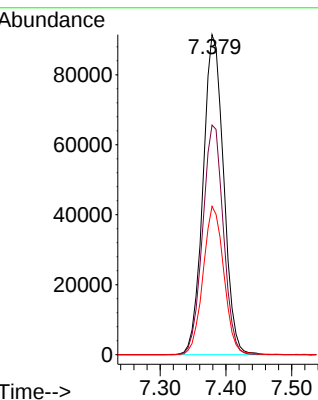
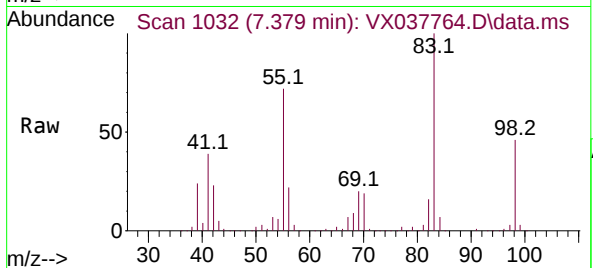
98 46.3 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#40

Benzene

Concen: 48.067 ug/l

RT: 6.038 min Scan# 812

Delta R.T. -0.006 min

Lab File: VX037764.D

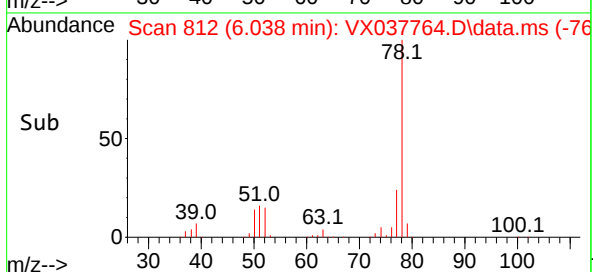
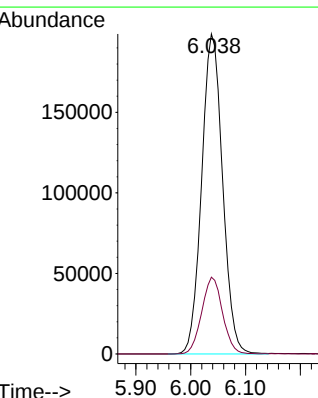
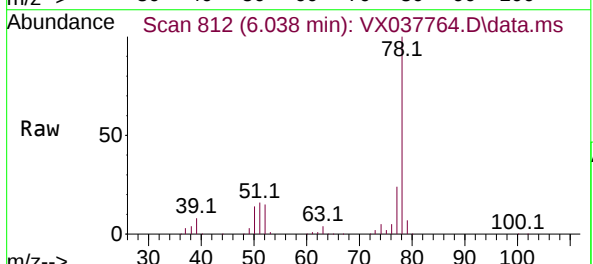
Acq: 15 Sep 2023 18:54

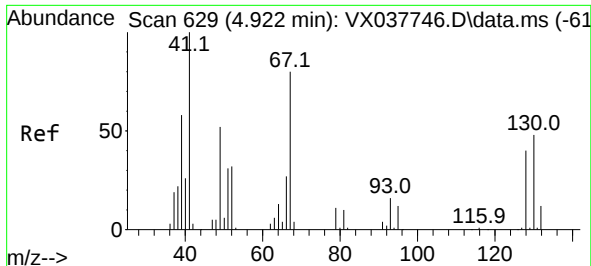
Tgt Ion: 78 Resp: 526476

Ion Ratio Lower Upper

78 100

77 24.0 19.3 28.9





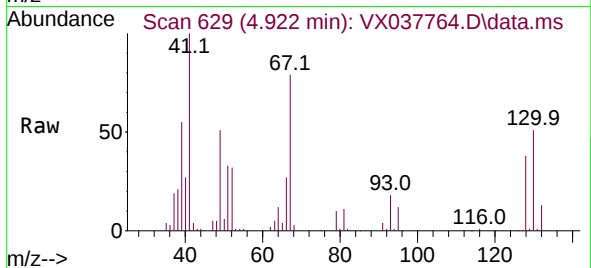
#41
Methacrylonitrile
Concen: 52.620 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.024 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



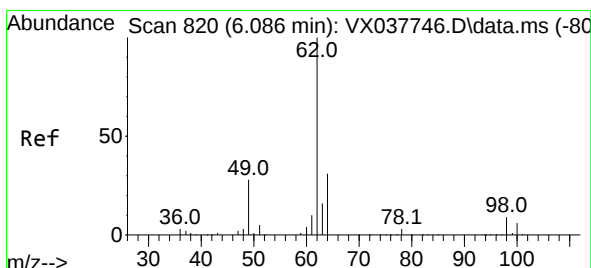
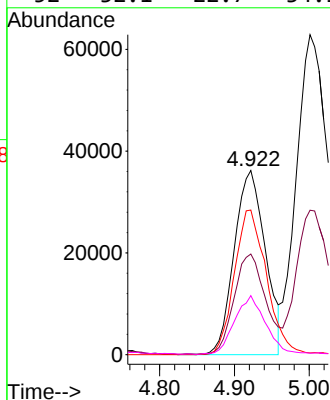
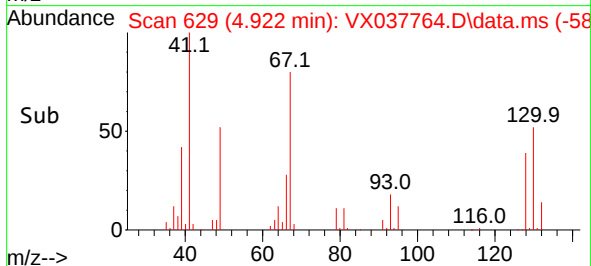
Tgt Ion: 41 Resp: 10505
Ion Ratio Lower Upper
41 100
39 56.6 45.2 67.8
67 81.7 52.6 78.8
52 32.1 22.7 34.1

Manual Integrations

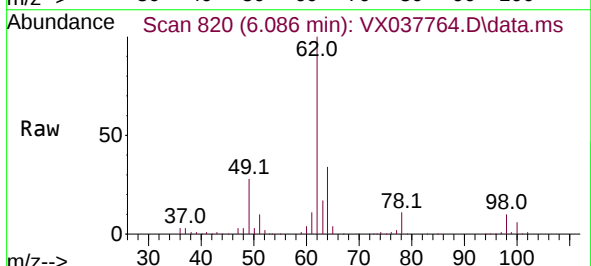
APPROVED

Reviewed By :John Carlone 09/18/2023

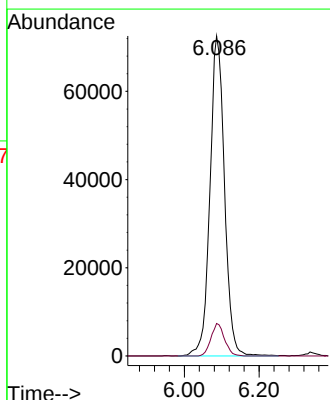
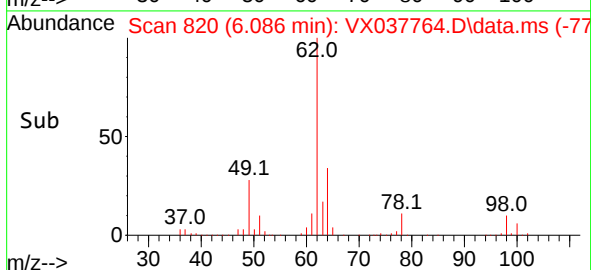
Supervised By :Mahesh Dadoda 09/18/2023

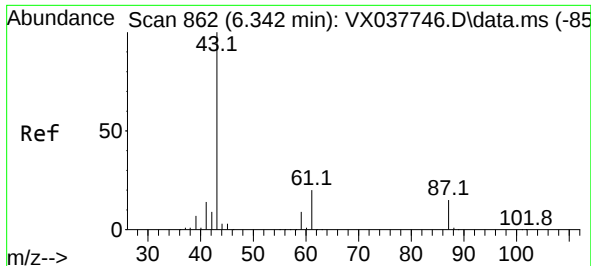


#42
1,2-Dichloroethane
Concen: 49.544 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54



Tgt Ion: 62 Resp: 196133
Ion Ratio Lower Upper
62 100
98 9.4 0.0 16.0





#43

Isopropyl Acetate

Concen: 51.542 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX037764.D

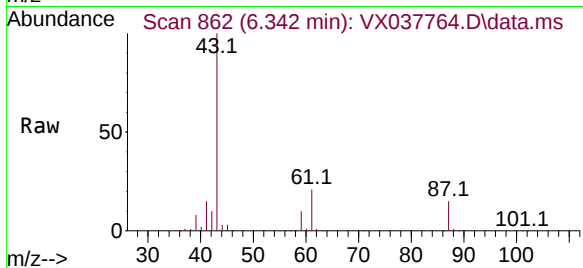
Acq: 15 Sep 2023 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



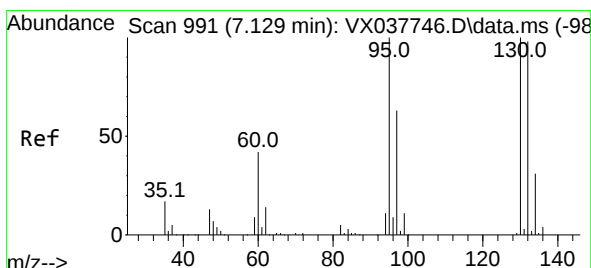
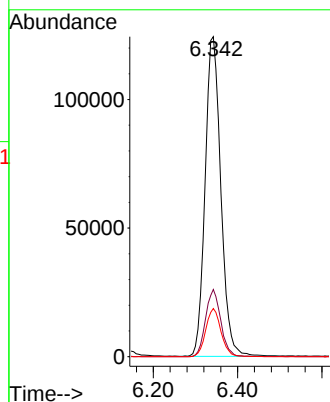
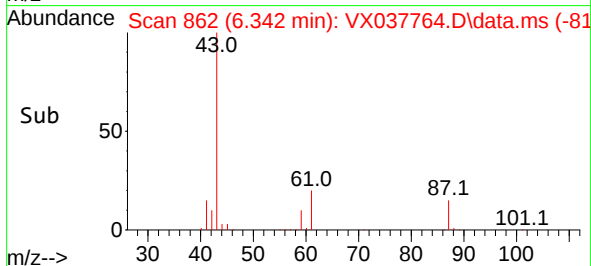
Tgt Ion:	43	Resp:	32271
Ion Ratio	100	Lower	Upper
43	100		
61	20.3	15.2	22.8
87	14.7	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#44

Trichloroethene

Concen: 44.093 ug/l

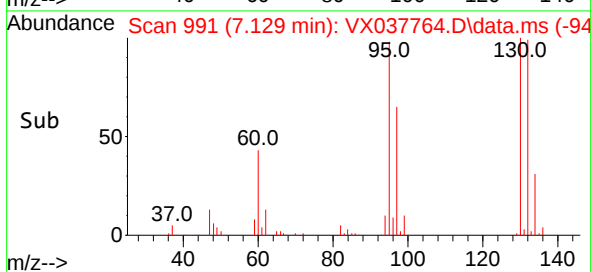
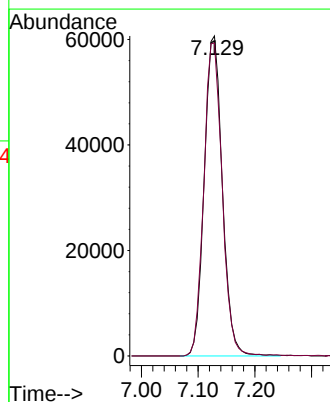
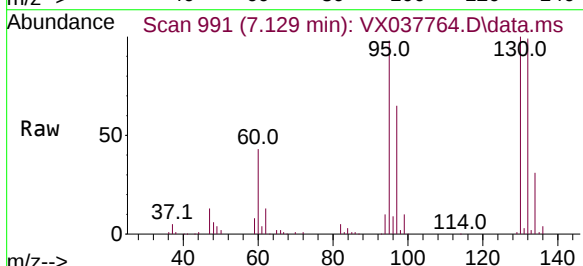
RT: 7.129 min Scan# 991

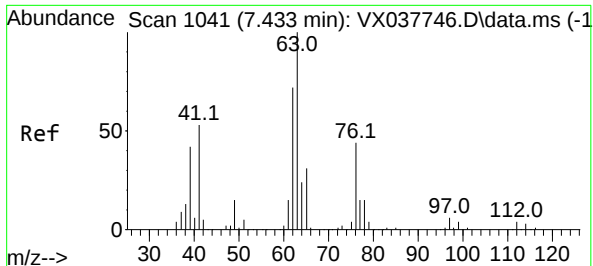
Delta R.T. -0.006 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Tgt Ion:	130	Resp:	134493
Ion Ratio	100	Lower	Upper
130	100		
95	97.8	0.0	204.4





#45

1,2-Dichloropropane

Concen: 48.829 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 138890

Ion Ratio Lower Upper

63 100

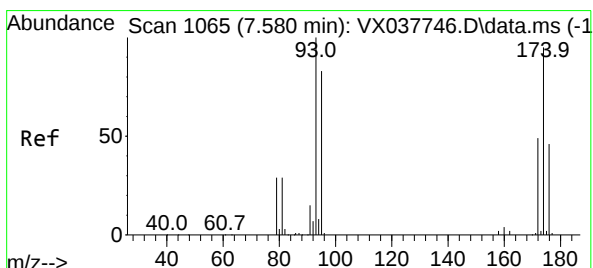
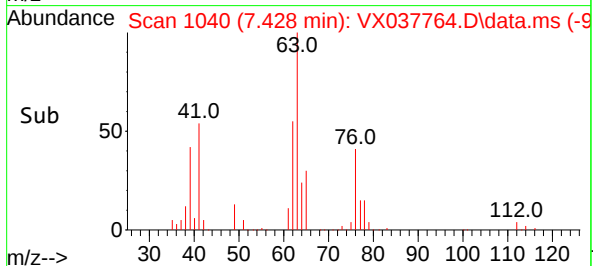
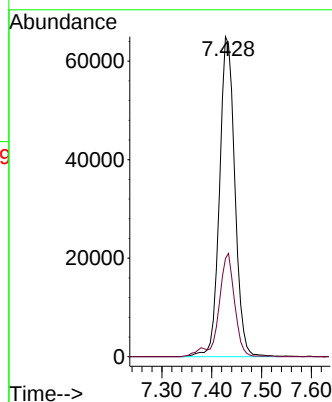
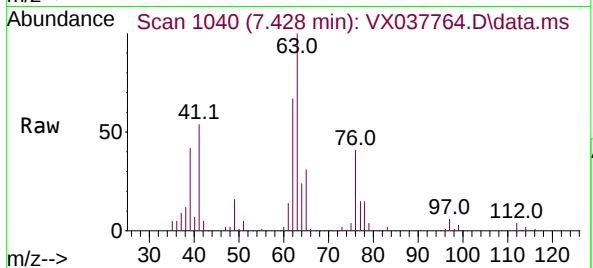
65 30.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#46

Dibromomethane

Concen: 50.464 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

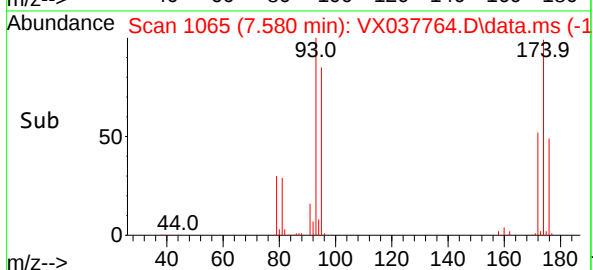
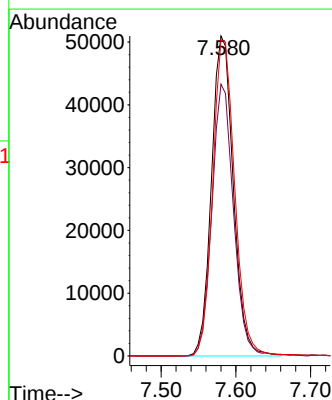
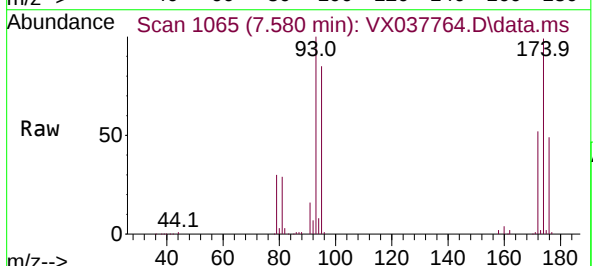
Tgt Ion: 93 Resp: 103255

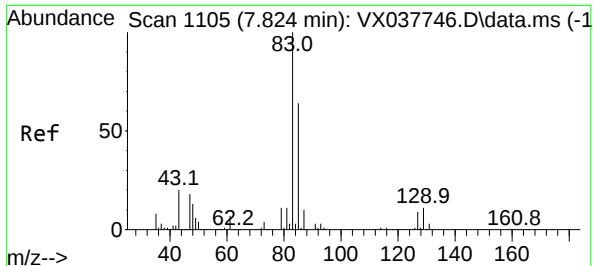
Ion Ratio Lower Upper

93 100

95 84.2 66.6 100.0

174 99.8 69.4 104.0





#47

Bromodichloromethane

Concen: 50.778 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

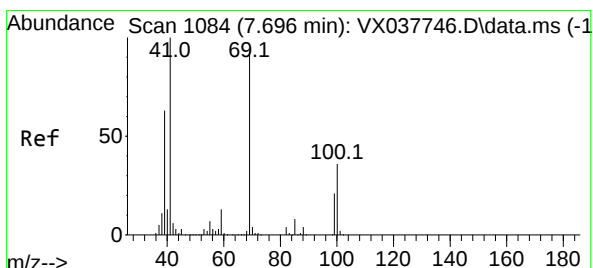
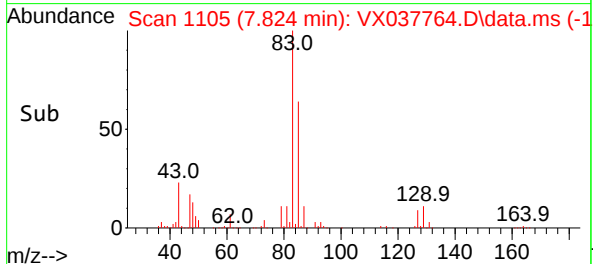
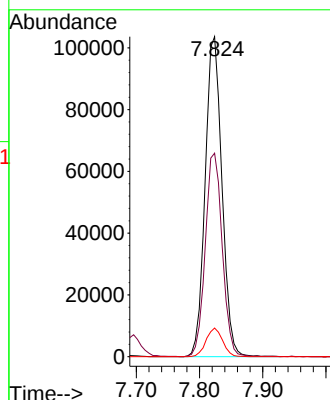
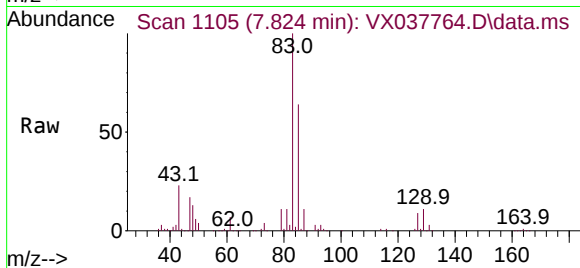
Tgt Ion: 83	Resp: 191348
Ion Ratio	Lower Upper
83 100	
85 63.6	49.8 74.6
127 9.0	7.1 10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#48

Methyl methacrylate

Concen: 51.970 ug/l

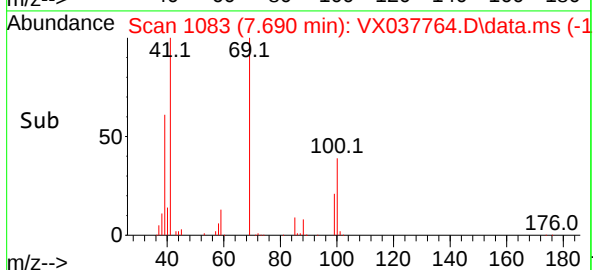
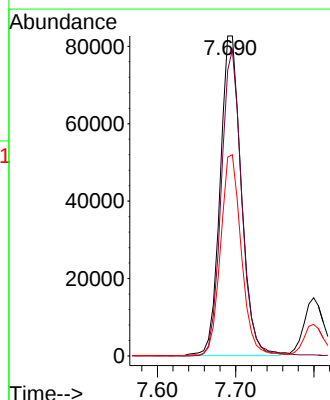
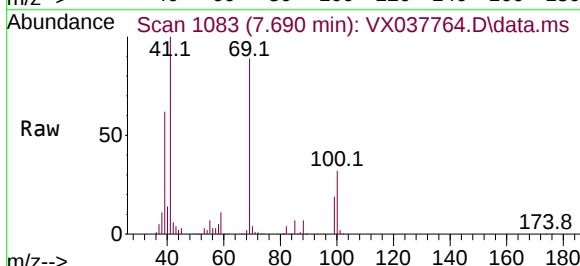
RT: 7.690 min Scan# 1083

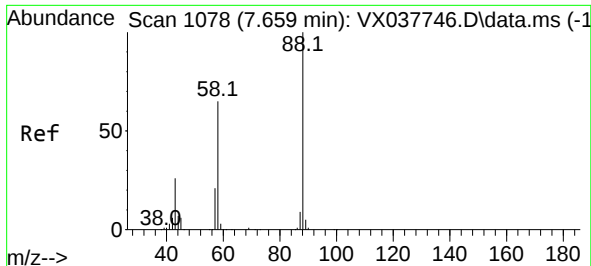
Delta R.T. -0.012 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Tgt Ion: 41	Resp: 155550		
Ion Ratio	Lower	Upper	
41	100		
69	92.7	59.2	88.8#
39	62.0	47.7	71.5





#49

1,4-Dioxane

Concen: 1066.369 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.012 min

Lab File: VX037764.D

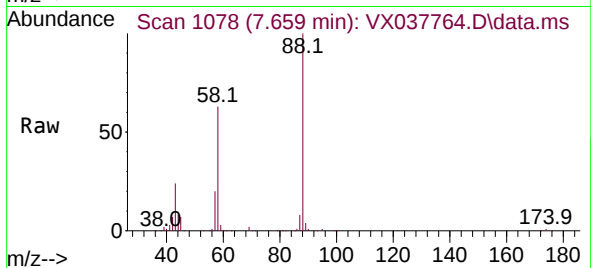
Acq: 15 Sep 2023 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



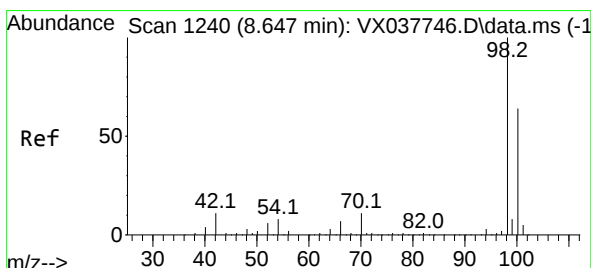
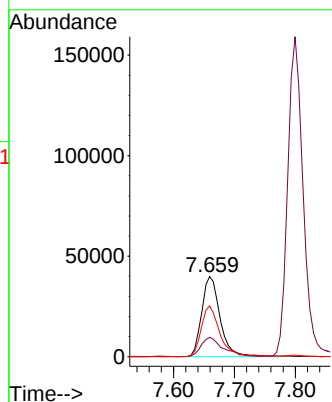
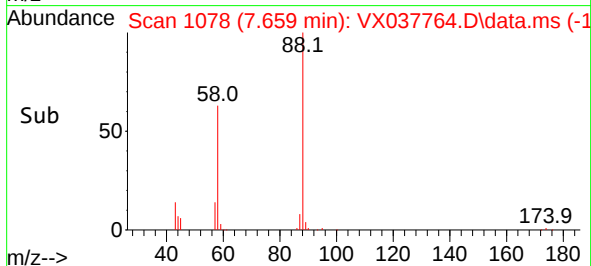
Tgt Ion:	88	Resp:	83670
Ion Ratio	100	Lower	Upper
88	100		
43	28.2	0.0	0.0
58	64.1	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#50

Toluene-d8

Concen: 43.711 ug/l

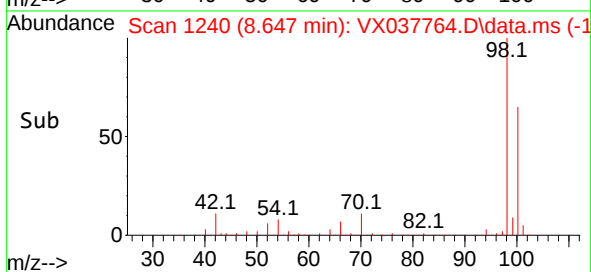
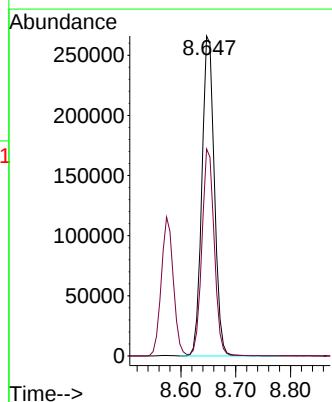
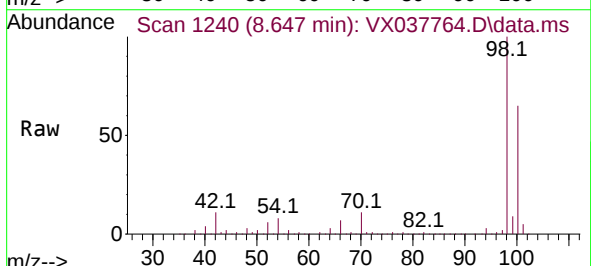
RT: 8.647 min Scan# 1240

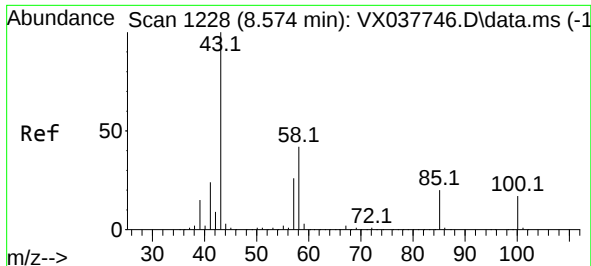
Delta R.T. 0.000 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Tgt Ion:	98	Resp:	419928
Ion Ratio	100	Lower	Upper
98	100		
100	63.9	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 263.609 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 104717

Ion Ratio Lower Upper

43 100

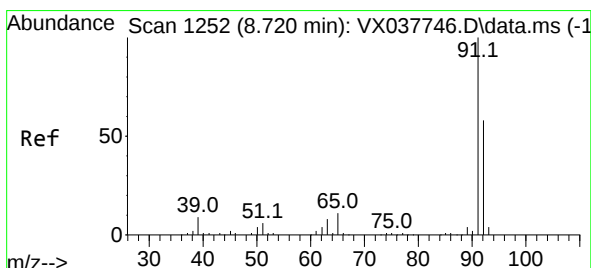
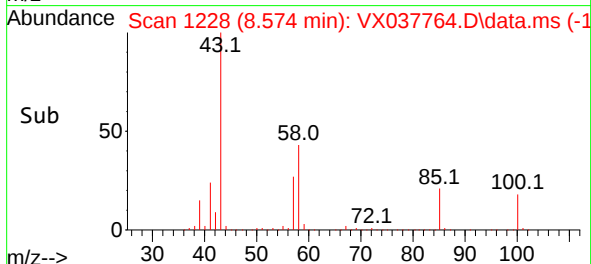
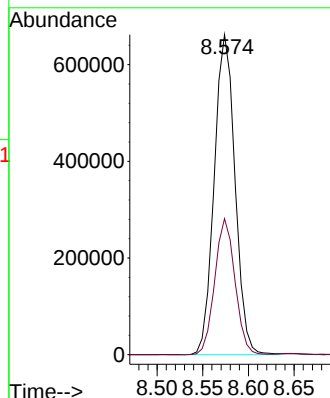
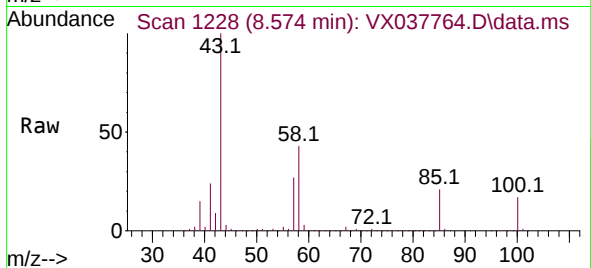
58 41.4 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#52

Toluene

Concen: 47.264 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX037764.D

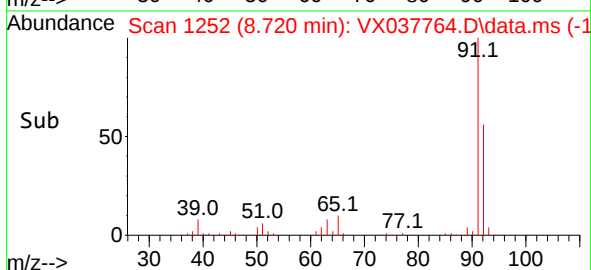
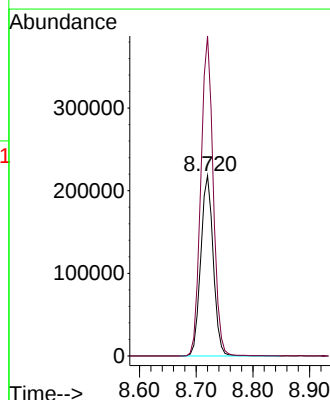
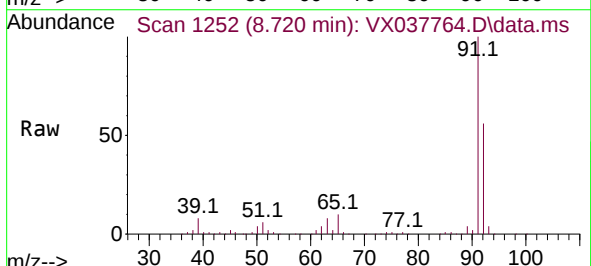
Acq: 15 Sep 2023 18:54

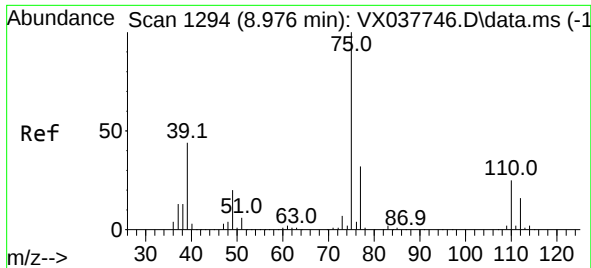
Tgt Ion: 92 Resp: 333628

Ion Ratio Lower Upper

92 100

91 176.0 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 50.723 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.012 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 199860

Ion Ratio Lower Upper

75 100

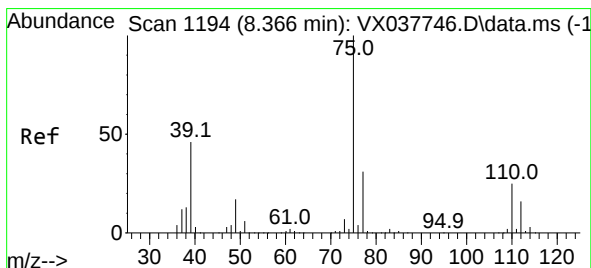
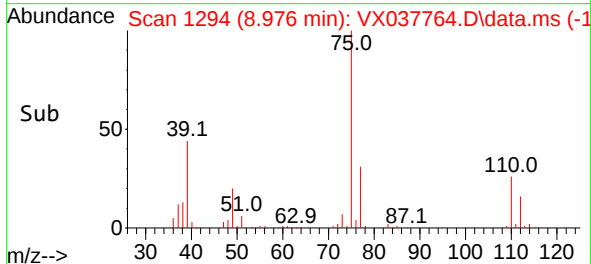
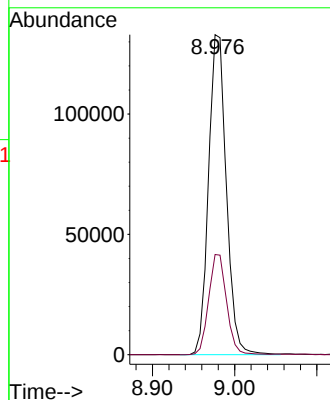
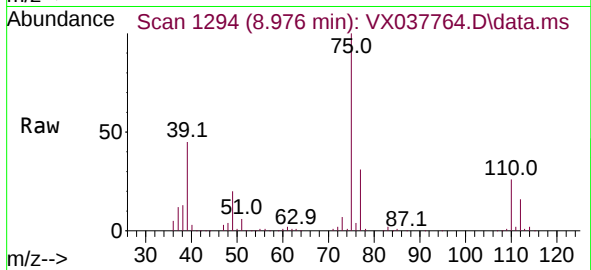
77 31.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#54

cis-1,3-Dichloropropene

Concen: 49.426 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

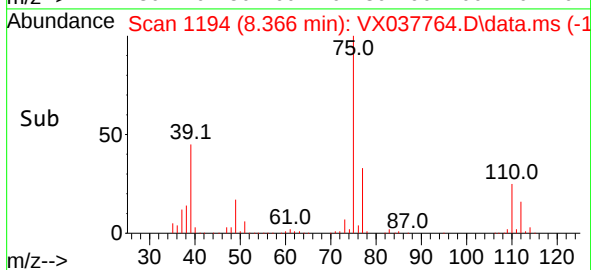
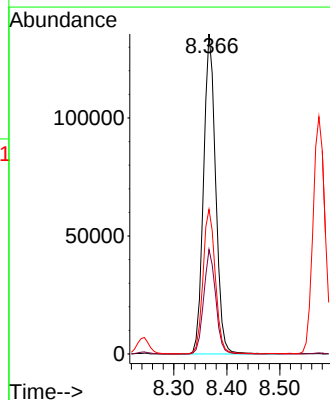
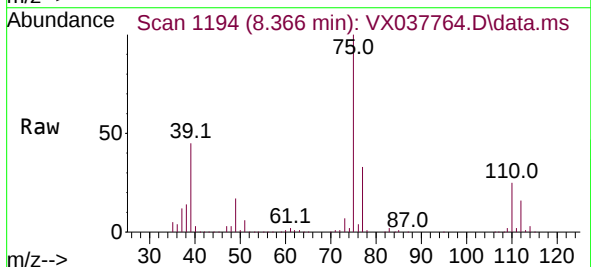
Tgt Ion: 75 Resp: 215537

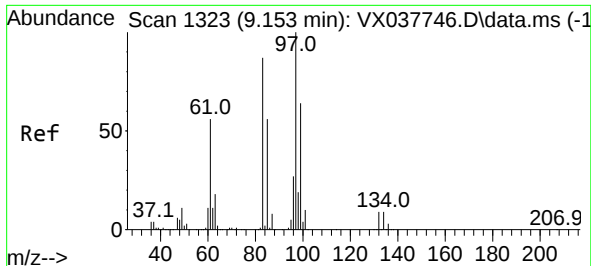
Ion Ratio Lower Upper

75 100

77 32.6 25.3 37.9

39 45.1 46.7 70.1#





#55

1,1,2-Trichloroethane

Concen: 51.195 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX037764.D

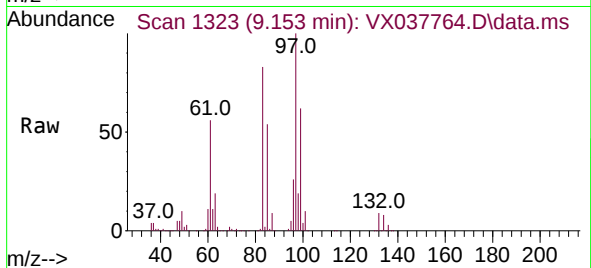
Acq: 15 Sep 2023 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 97 Resp: 15236

Ion Ratio Lower Upper

97 100

83 83.3 65.8 98.8

85 54.2 41.6 62.4

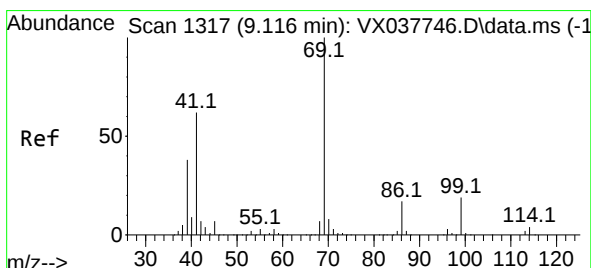
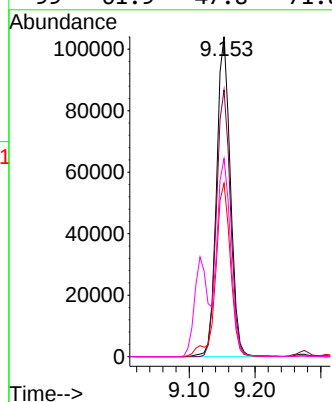
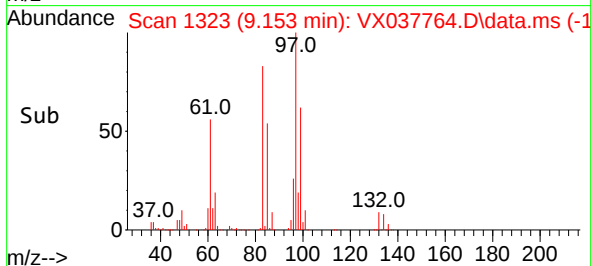
99 61.9 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#56

Ethyl methacrylate

Concen: 52.779 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

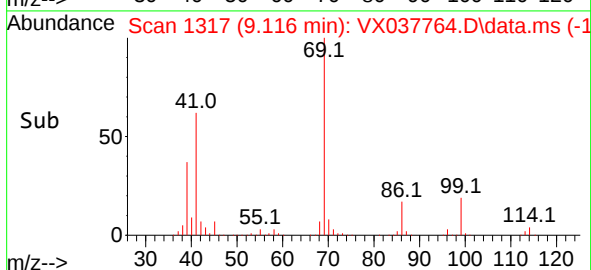
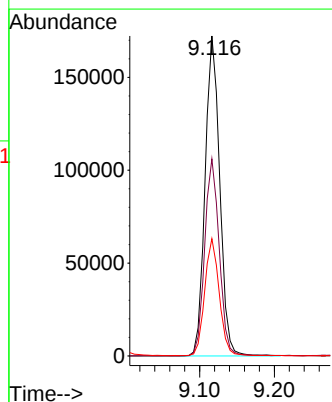
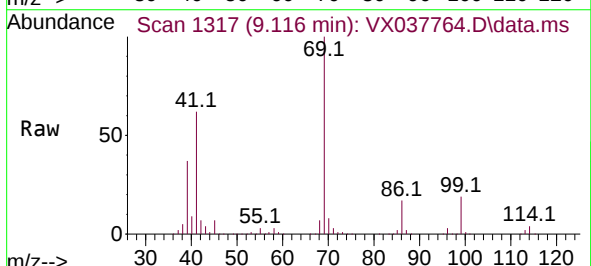
Tgt Ion: 69 Resp: 234497

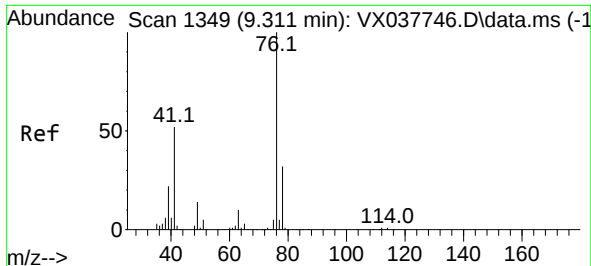
Ion Ratio Lower Upper

69 100

41 61.2 56.8 85.2

39 36.2 32.0 48.0





#57

1,3-Dichloropropane

Concen: 50.148 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. 0.006 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 241509

Ion Ratio Lower Upper

76 100

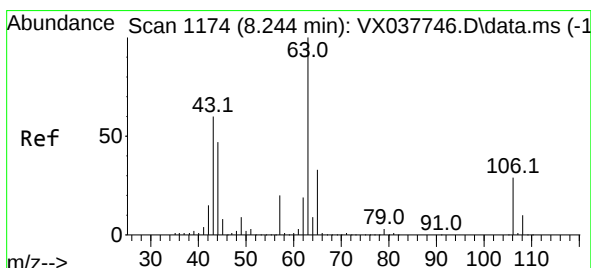
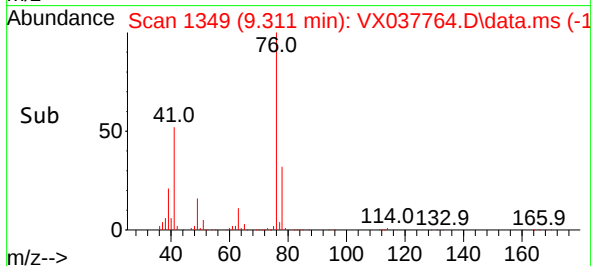
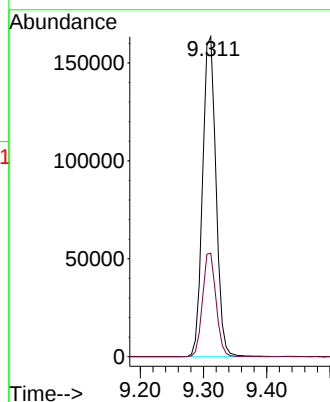
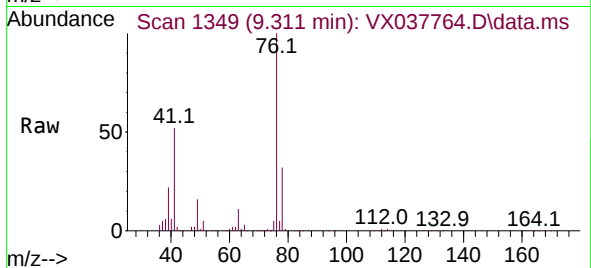
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 252.185 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX037764.D

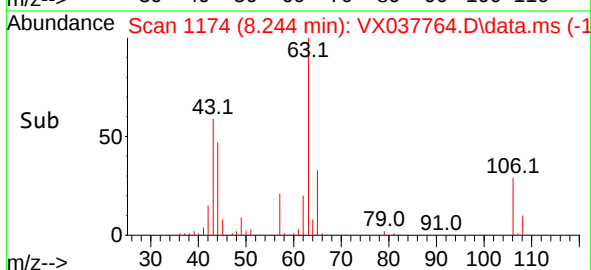
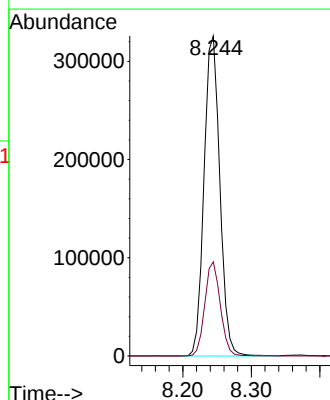
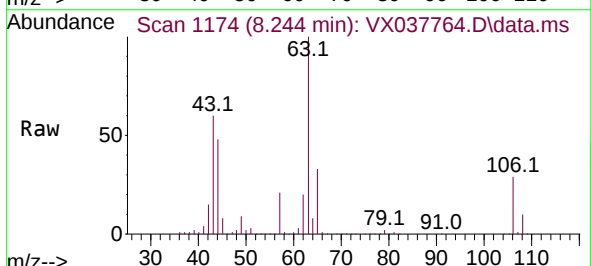
Acq: 15 Sep 2023 18:54

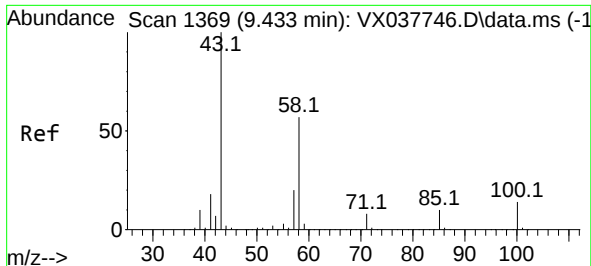
Tgt Ion: 63 Resp: 523197

Ion Ratio Lower Upper

63 100

106 28.9 22.5 33.7





#59

2-Hexanone

Concen: 265.021 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 819698

Ion Ratio Lower Upper

43 100

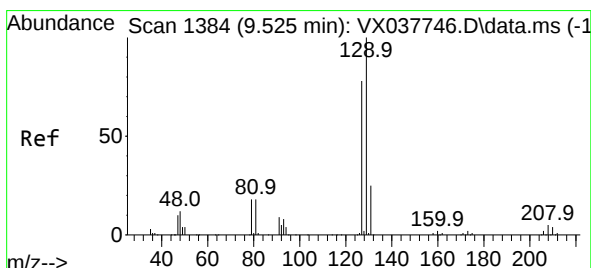
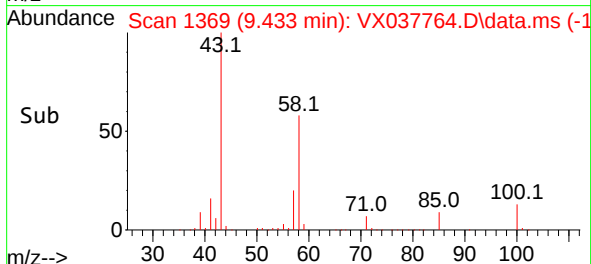
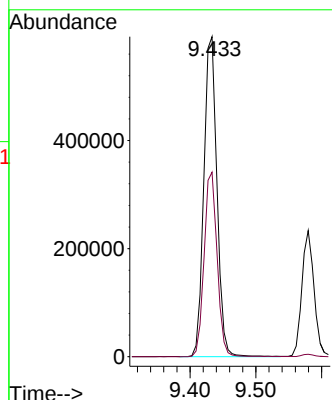
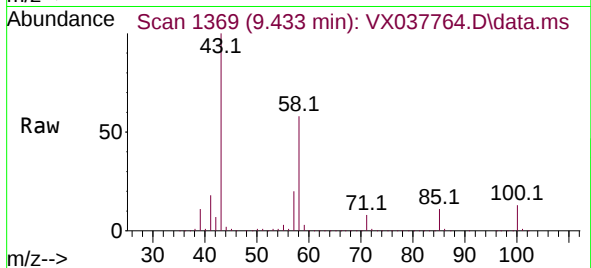
58 57.3 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#60

Dibromochloromethane

Concen: 52.274 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX037764.D

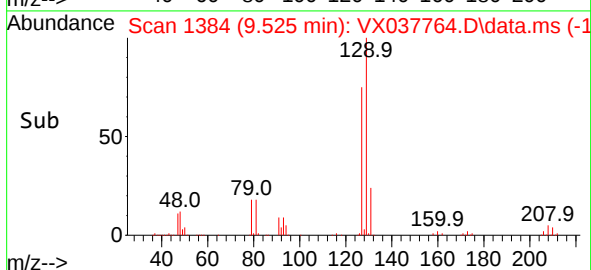
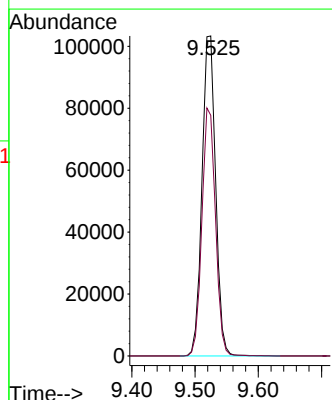
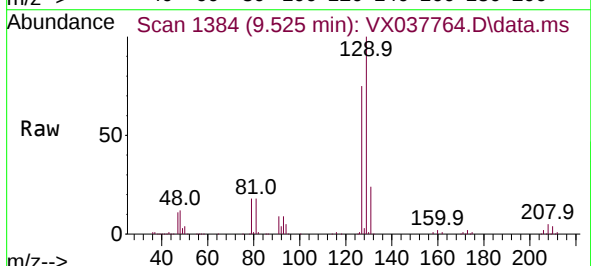
Acq: 15 Sep 2023 18:54

Tgt Ion:129 Resp: 154980

Ion Ratio Lower Upper

129 100

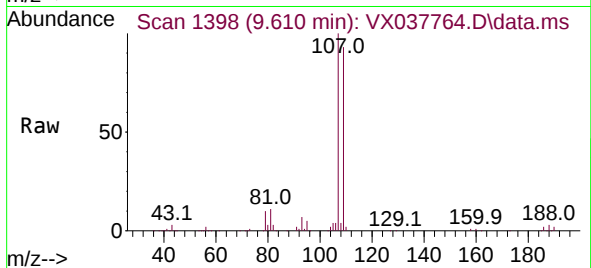
127 77.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 51.830 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54

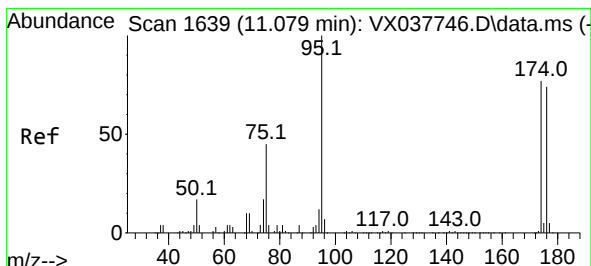
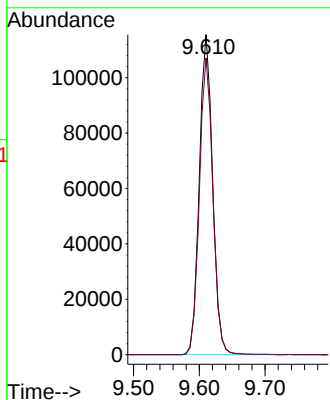
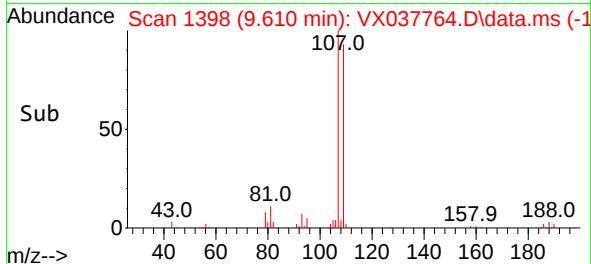
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



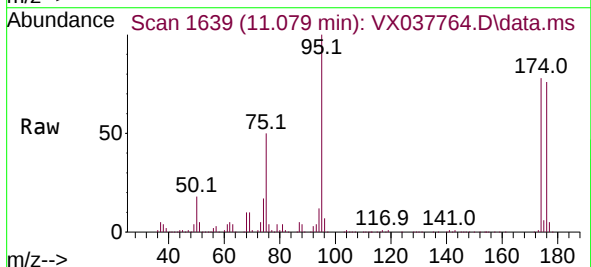
Tgt Ion:107 Resp: 163318
Ion Ratio Lower Upper
107 100
109 93.4 75.2 112.8

Manual Integrations
APPROVED

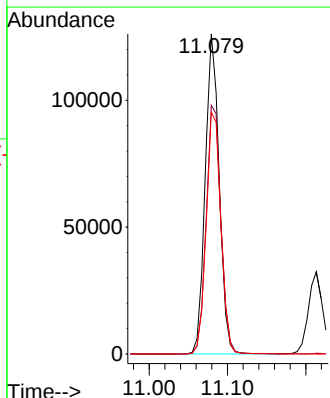
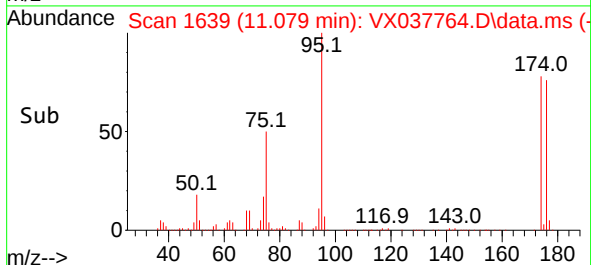
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

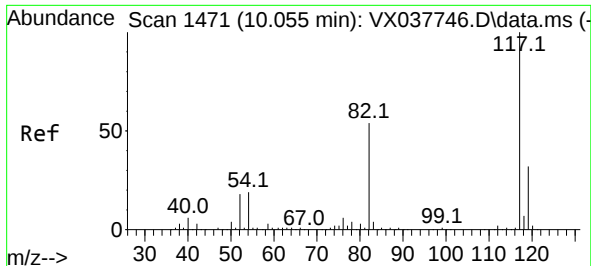


#62
4-Bromofluorobenzene
Concen: 44.541 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54



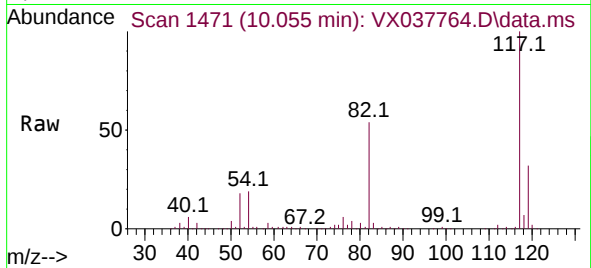
Tgt Ion: 95 Resp: 155493
Ion Ratio Lower Upper
95 100
174 82.1 0.0 135.6
176 79.4 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54

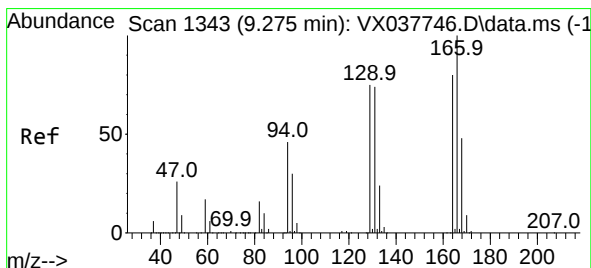
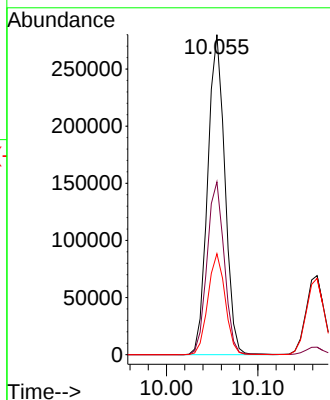
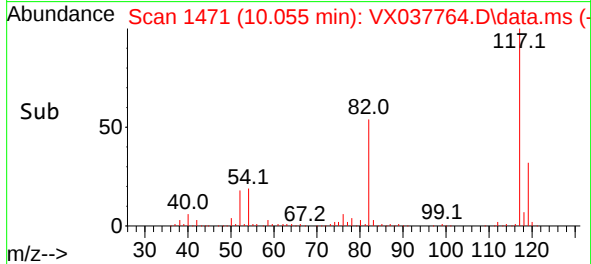
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 364744
Ion Ratio Lower Upper
117 100
82 54.0 46.2 69.4
119 31.5 25.5 38.3

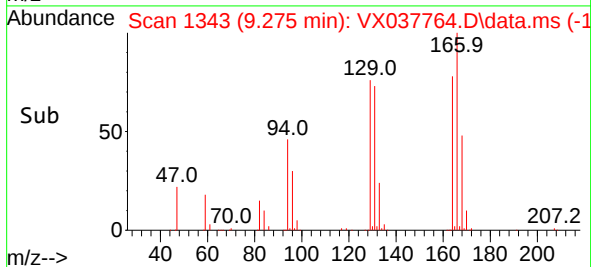
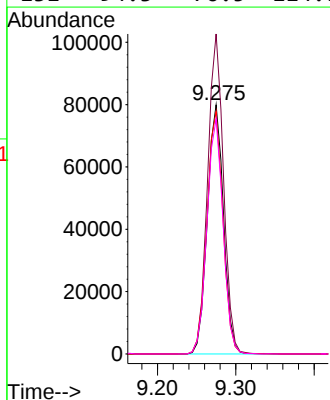
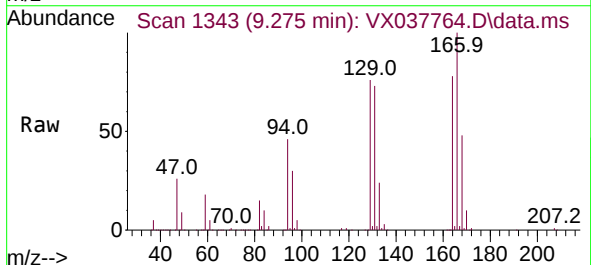
Manual Integrations
APPROVED

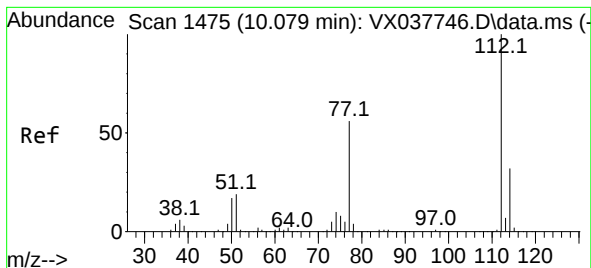
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#64
Tetrachloroethene
Concen: 45.956 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54

Tgt Ion:164 Resp: 114315
Ion Ratio Lower Upper
164 100
166 128.4 102.7 154.1
129 97.3 80.4 120.6
131 94.3 76.5 114.7





#65

Chlorobenzene

Concen: 46.631 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 366875

Ion Ratio Lower Upper

112 100

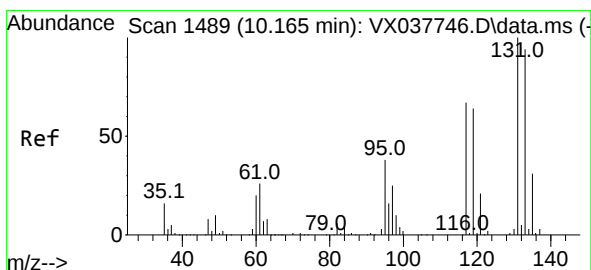
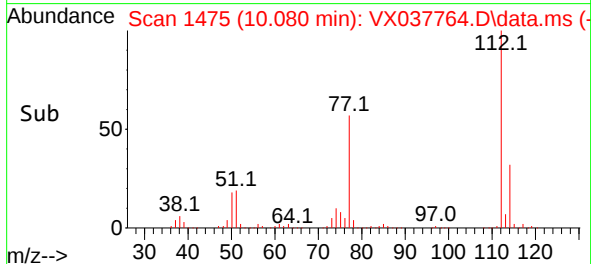
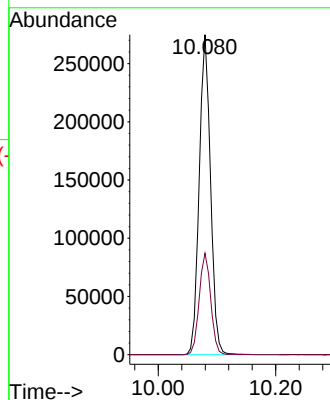
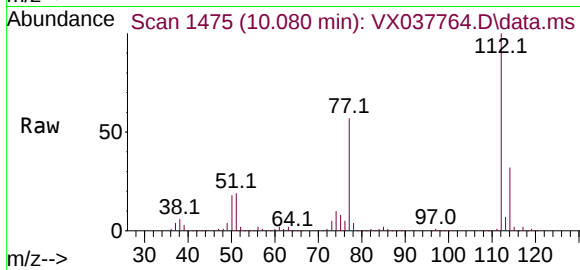
114 31.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 50.598 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

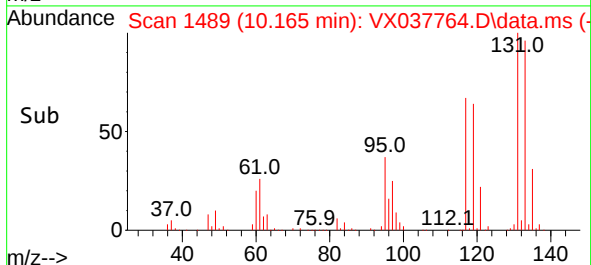
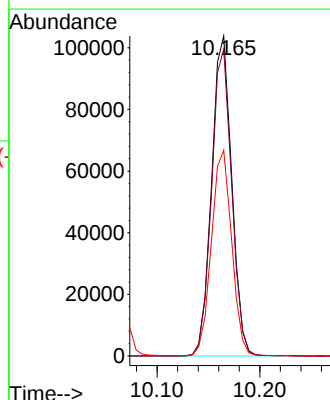
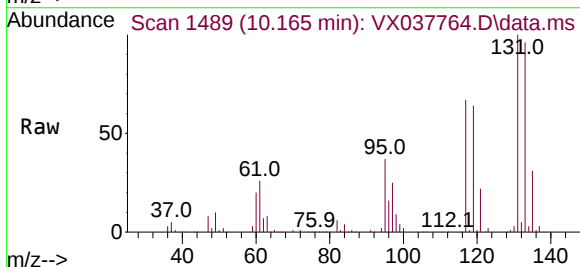
Tgt Ion:131 Resp: 141073

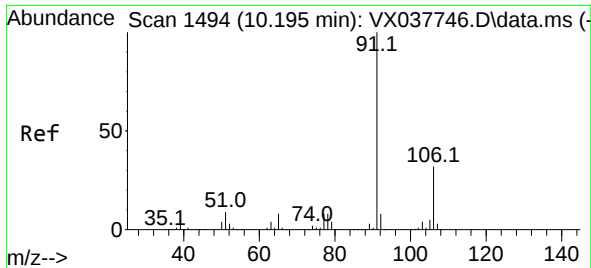
Ion Ratio Lower Upper

131 100

133 96.0 47.1 141.4

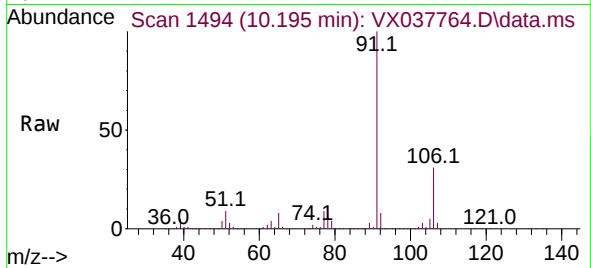
119 65.2 32.2 96.6





#67
Ethyl Benzene
Concen: 46.861 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54

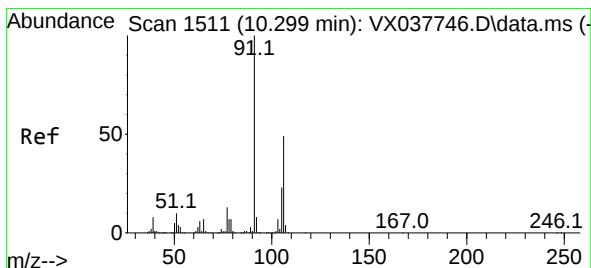
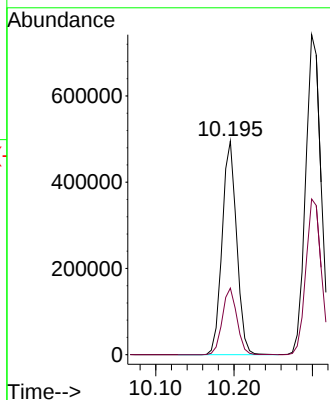
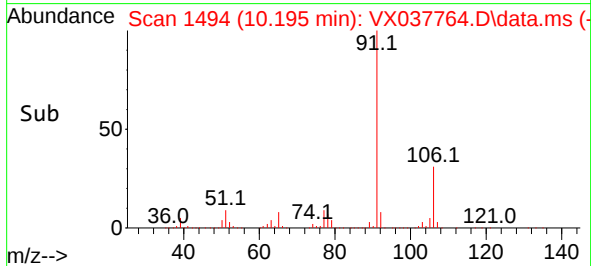
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



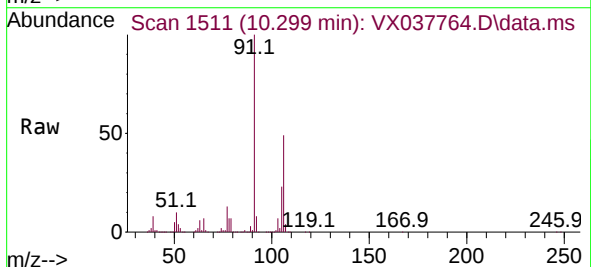
Tgt Ion: 91 Resp: 639204
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3

Manual Integrations
APPROVED

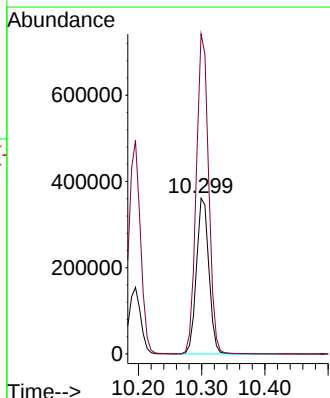
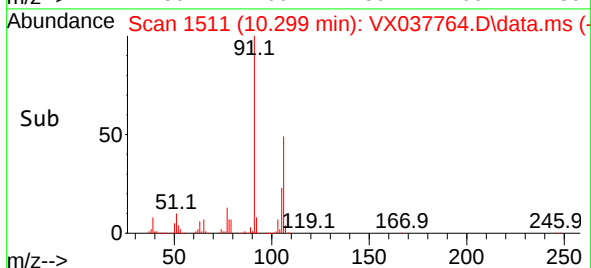
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

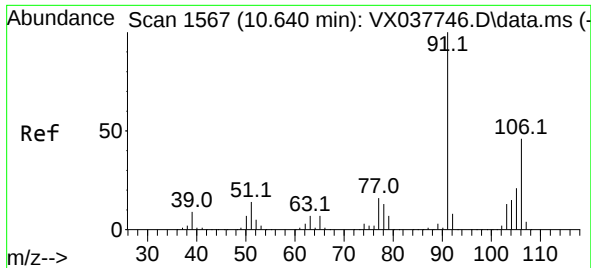


#68
m/p-Xylenes
Concen: 93.986 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54



Tgt Ion:106 Resp: 495386
Ion Ratio Lower Upper
106 100
91 204.3 165.5 248.3





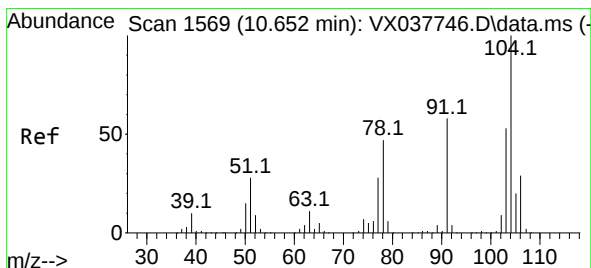
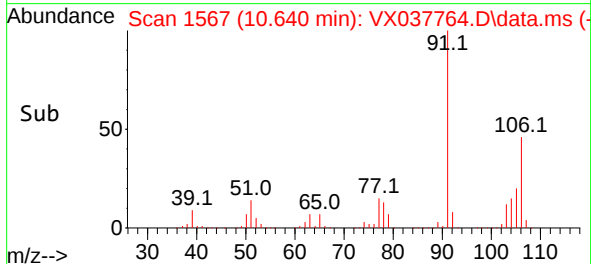
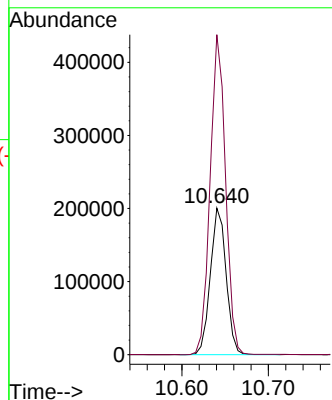
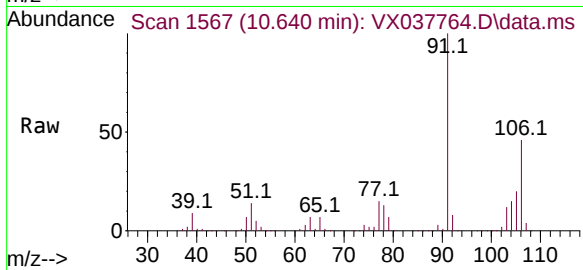
#69
o-Xylene
Concen: 48.009 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 253750
Ion Ratio Lower Upper
106 100
91 213.1 108.9 326.8

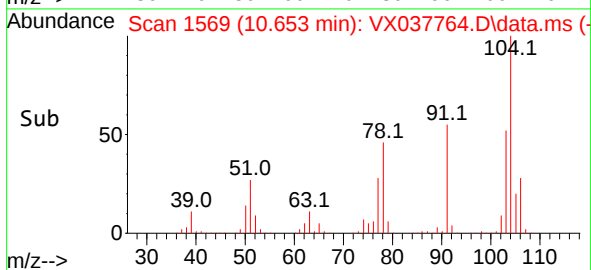
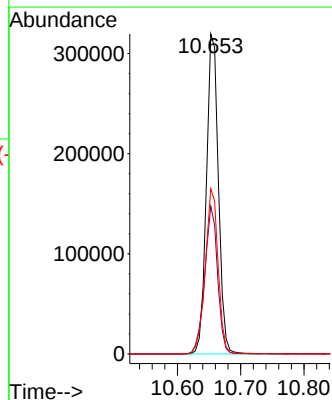
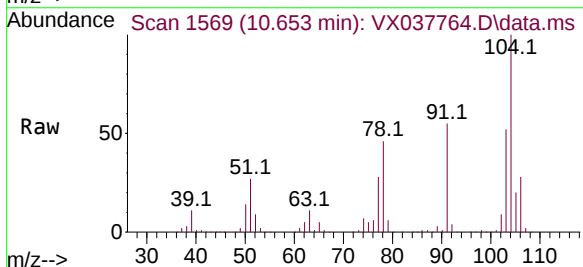
Manual Integrations
APPROVED

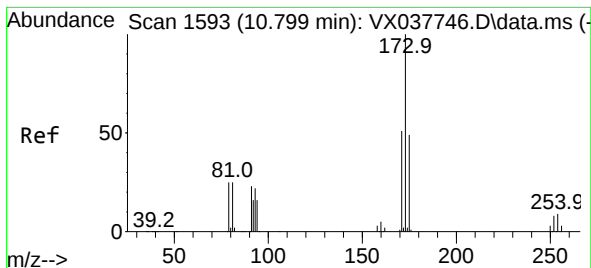
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#70
Styrene
Concen: 49.806 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54

Tgt Ion:104 Resp: 422620
Ion Ratio Lower Upper
104 100
78 49.6 43.6 65.4
103 55.4 43.6 65.4





#71

Bromoform

Concen: 53.282 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

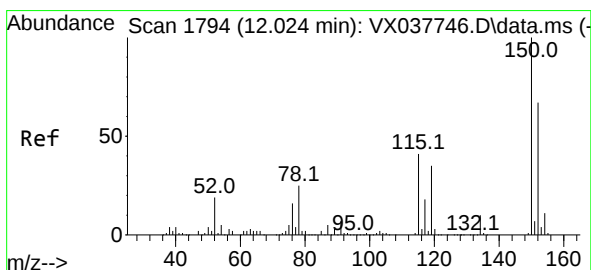
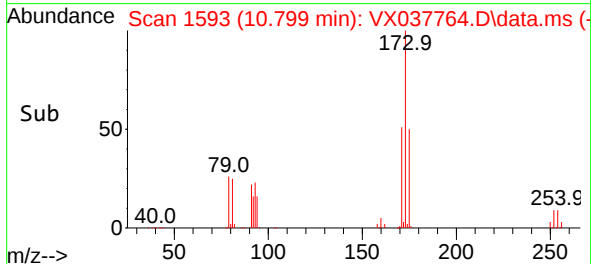
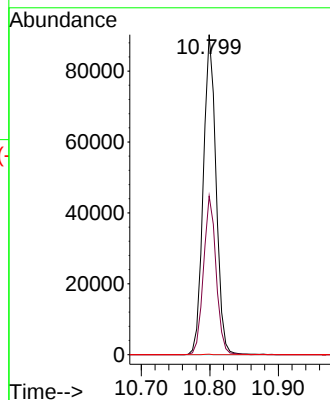
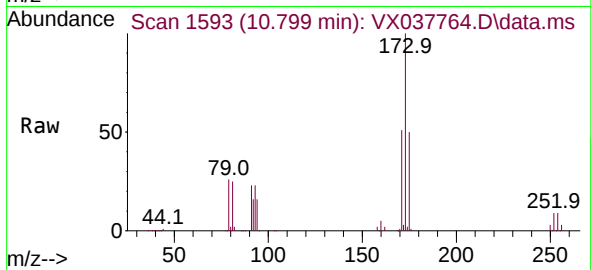
Tgt Ion:173	Resp: 11735
Ion Ratio	Lower Upper
173	100
175	48.8 24.1 72.4
254	0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

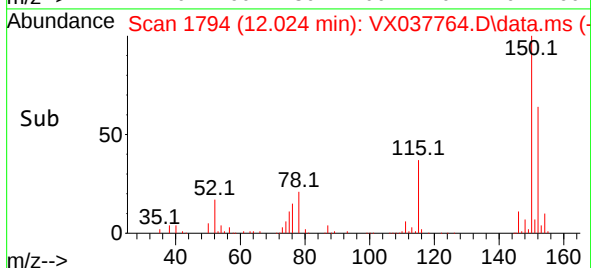
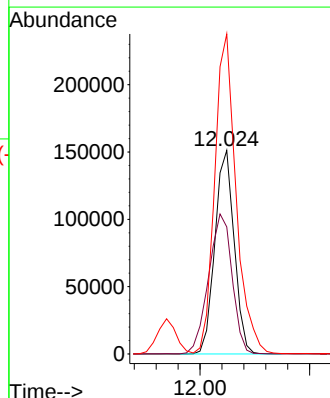
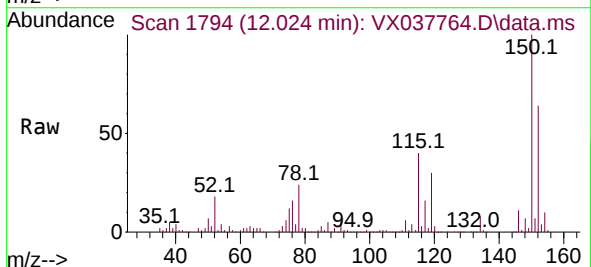
RT: 12.024 min Scan# 1794

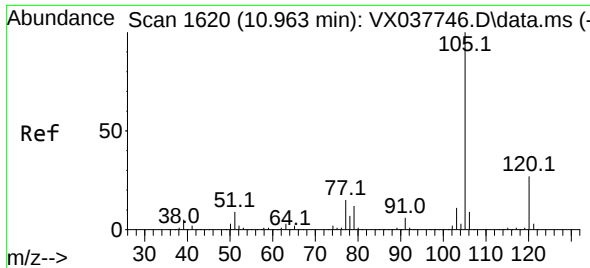
Delta R.T. 0.000 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

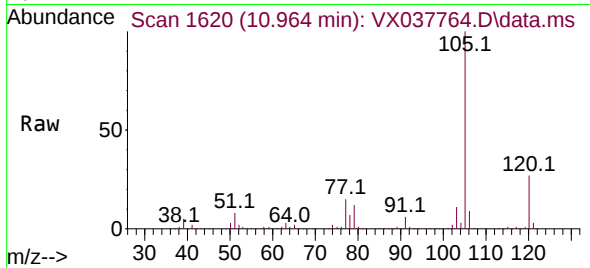
Tgt Ion:152	Resp: 185073
Ion Ratio	Lower Upper
152	100
115	84.1 43.3 129.9
150	173.8 0.0 345.0





#73
Isopropylbenzene
Concen: 47.192 ug/l
RT: 10.964 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54

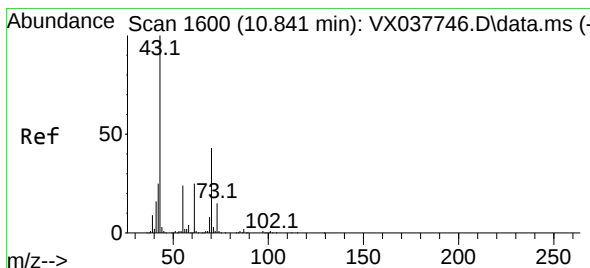
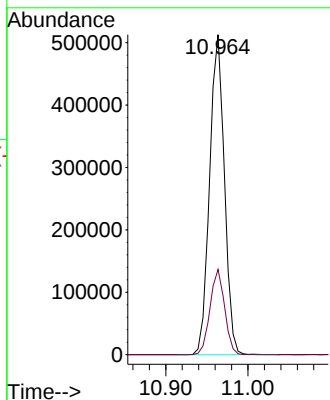
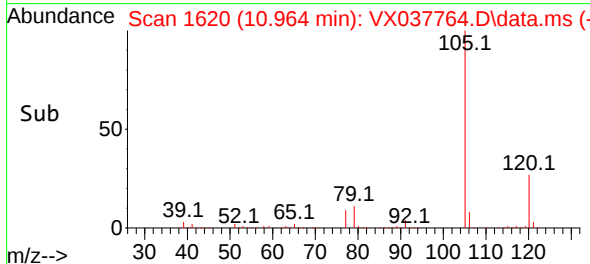
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



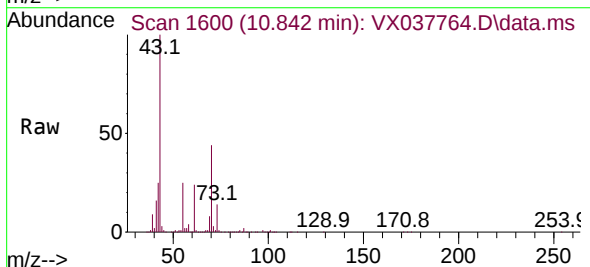
Tgt Ion:105 Resp: 640769
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.6

Manual Integrations
APPROVED

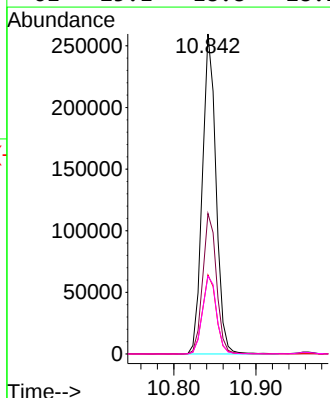
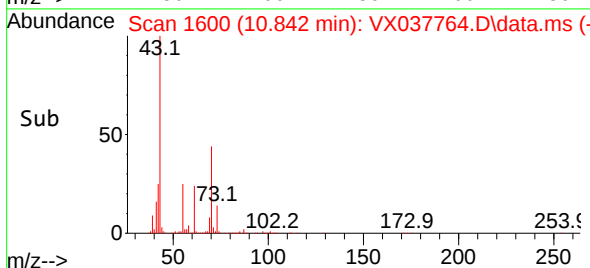
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

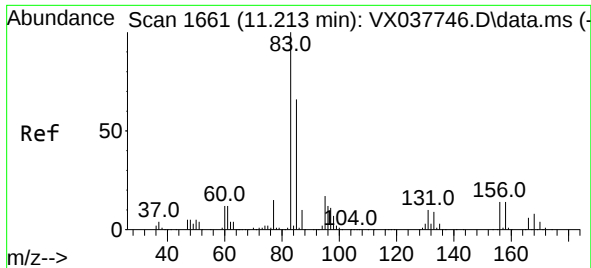


#74
N-ethyl acetate
Concen: 54.360 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54



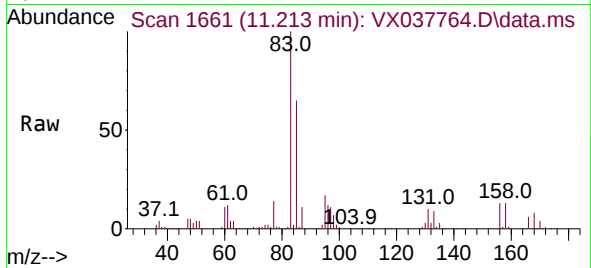
Tgt Ion: 43 Resp: 298922
Ion Ratio Lower Upper
43 100
70 44.4 32.9 49.3
55 25.1 19.3 28.9
61 25.1 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 52.639 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54

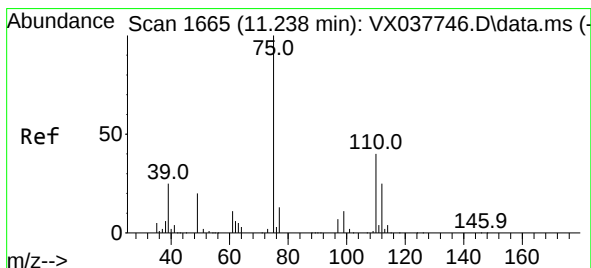
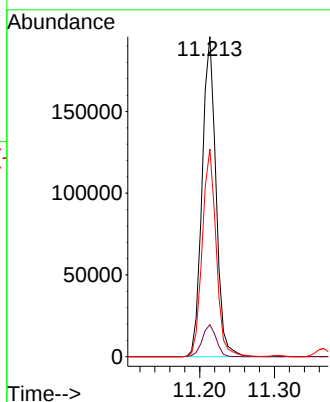
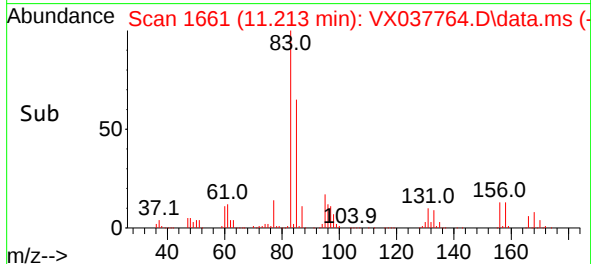
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



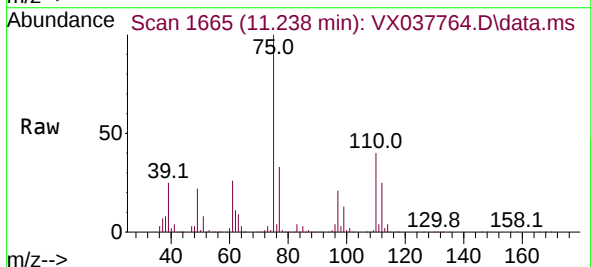
Tgt Ion: 83 Resp: 25136
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.8
85 65.2 32.0 96.2

Manual Integrations
APPROVED

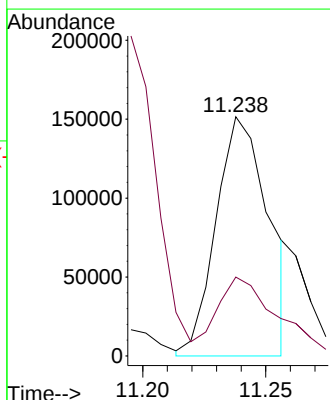
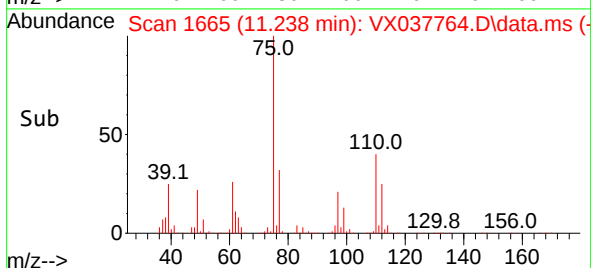
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

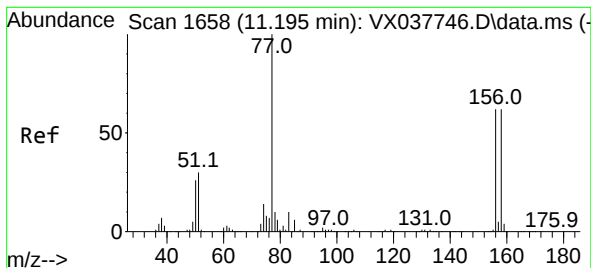


#76
1,2,3-Trichloropropane
Concen: 52.545 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54



Tgt Ion: 75 Resp: 224922
Ion Ratio Lower Upper
75 100
77 38.2 19.1 57.5





#77

Bromobenzene

Concen: 49.570 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 166589

Ion Ratio Lower Upper

156 100

77 151.7 88.4 265.3

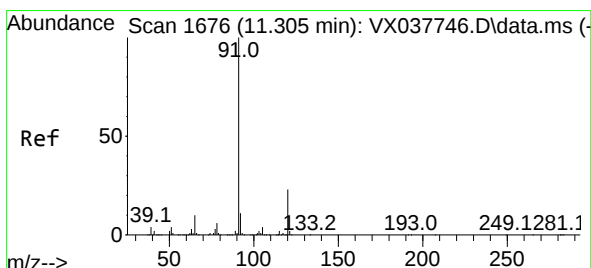
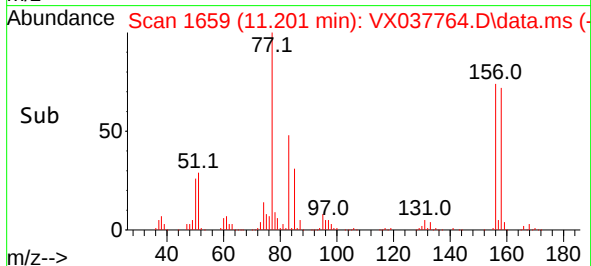
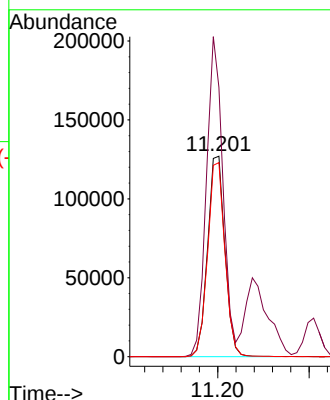
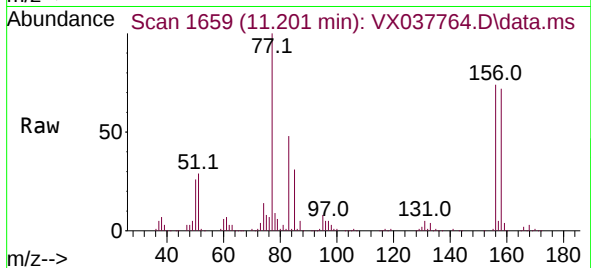
158 97.0 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#78

n-propylbenzene

Concen: 47.688 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX037764.D

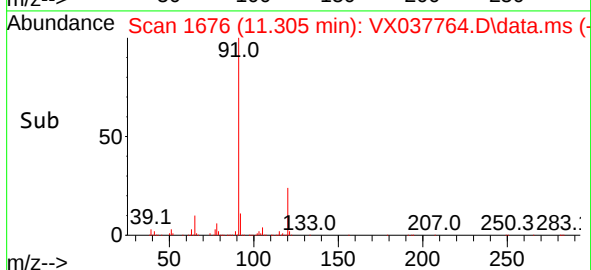
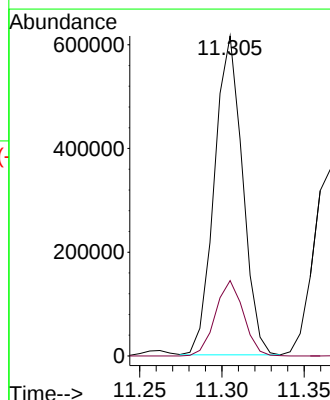
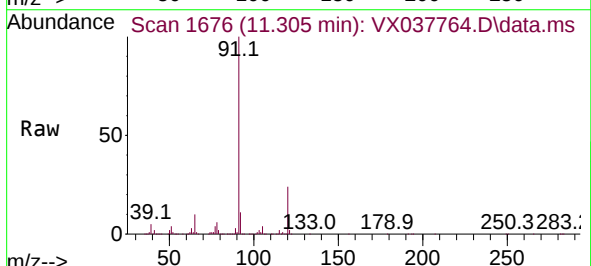
Acq: 15 Sep 2023 18:54

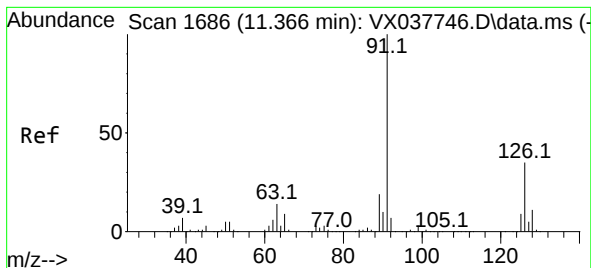
Tgt Ion: 91 Resp: 731257

Ion Ratio Lower Upper

91 100

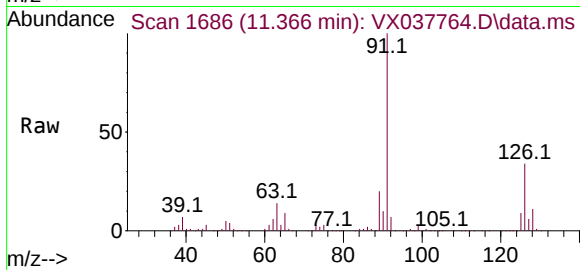
120 23.6 11.5 34.4





#79
2-Chlorotoluene
Concen: 47.513 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54

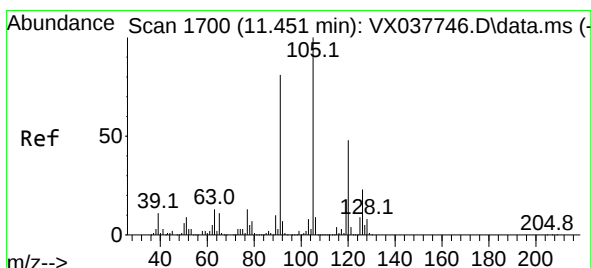
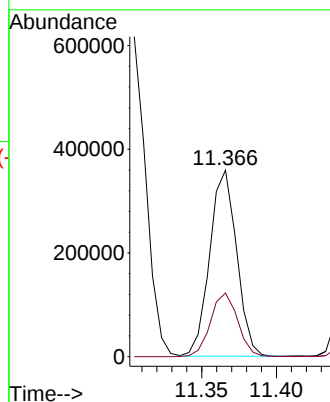
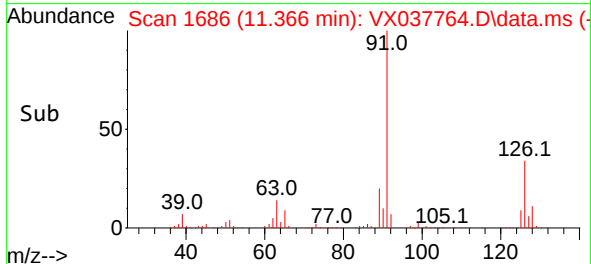
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



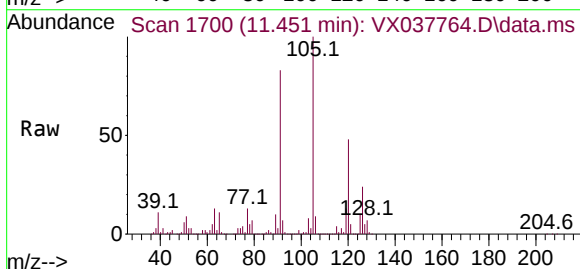
Tgt Ion: 91 Resp: 449220
Ion Ratio Lower Upper
91 100
126 34.6 16.3 48.8

Manual Integrations
APPROVED

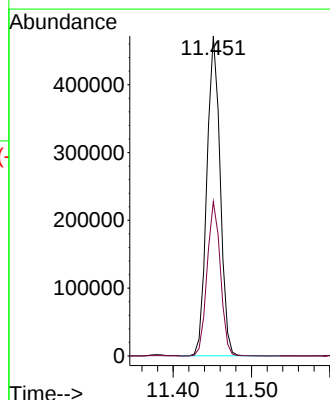
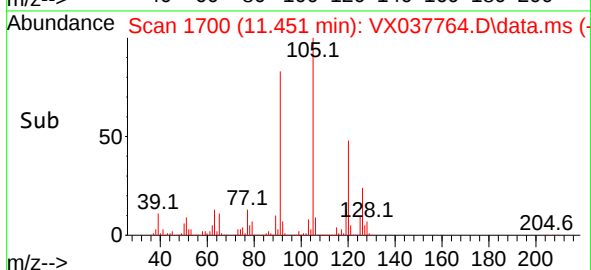
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

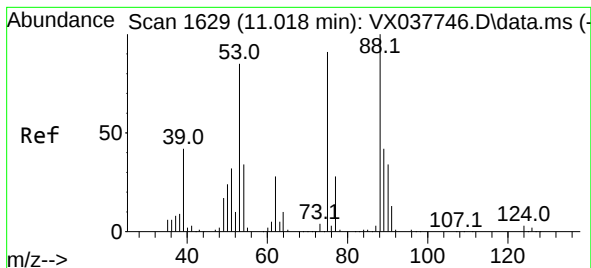


#80
1,3,5-Trimethylbenzene
Concen: 48.229 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54



Tgt Ion:105 Resp: 553021
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3





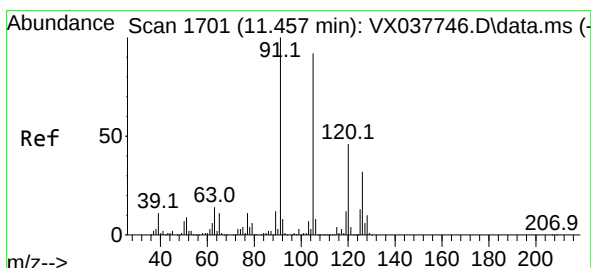
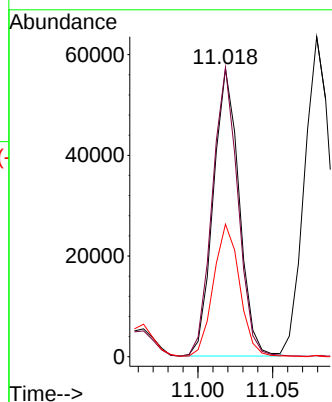
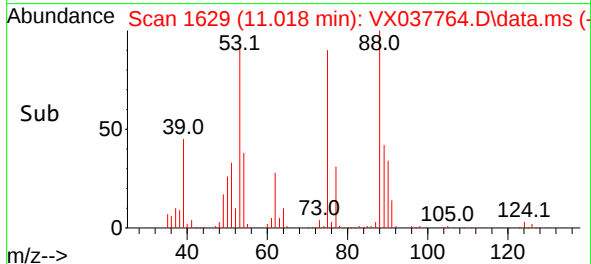
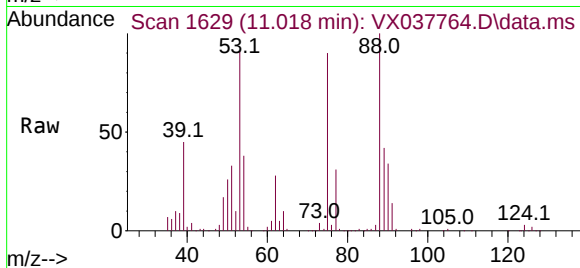
#81
trans-1,4-Dichloro-2-butene
Concen: 51.376 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 68652
Ion Ratio Lower Upper
75 100
53 99.3 90.5 135.7
89 46.8 36.9 55.3

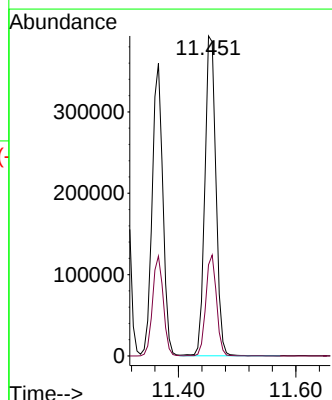
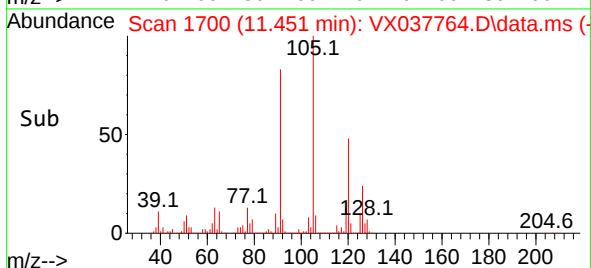
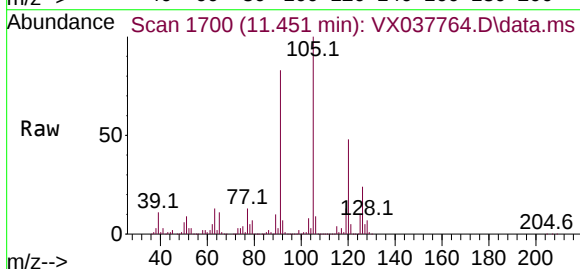
Manual Integrations
APPROVED

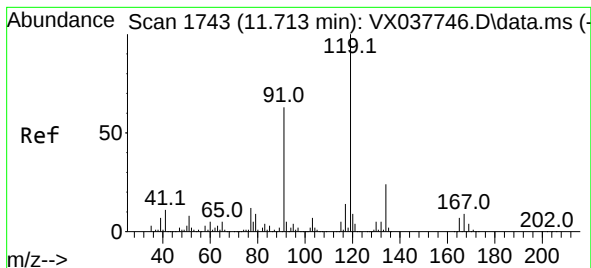
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#82
4-Chlorotoluene
Concen: 48.330 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54

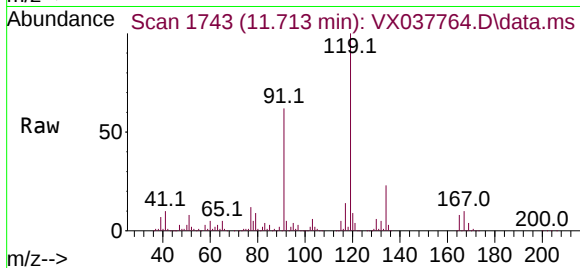
Tgt Ion: 91 Resp: 514448
Ion Ratio Lower Upper
91 100
126 30.5 14.2 42.6





#83
tert-Butylbenzene
Concen: 47.313 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54

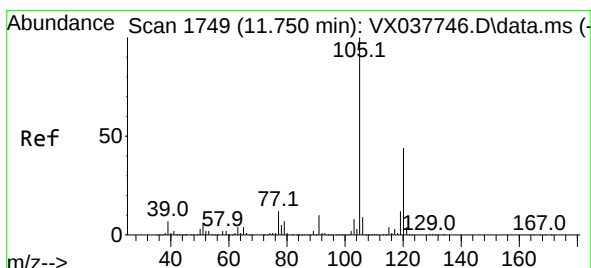
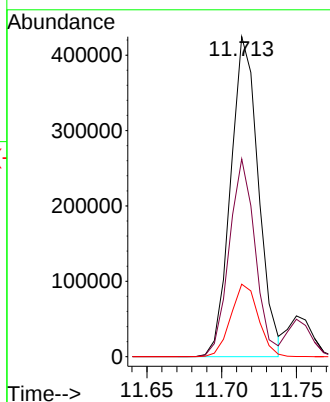
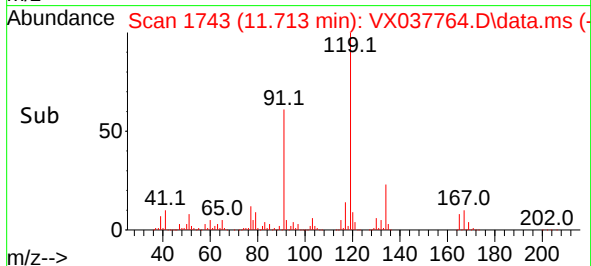
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 548309
Ion Ratio Lower Upper
119 100
91 57.9 31.2 93.6
134 22.5 11.7 35.0

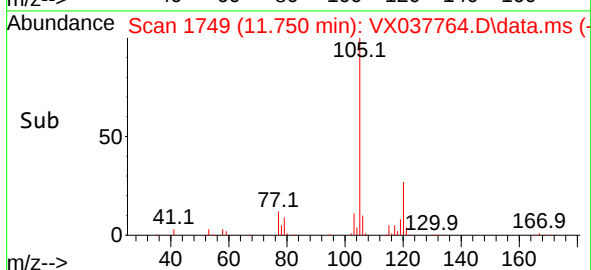
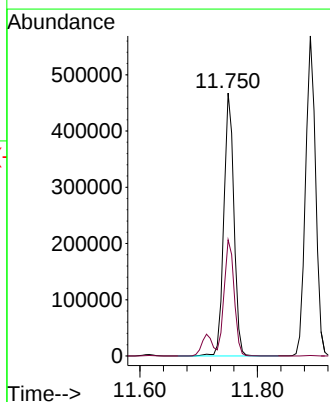
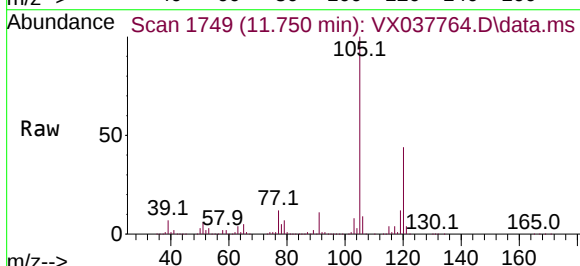
Manual Integrations
APPROVED

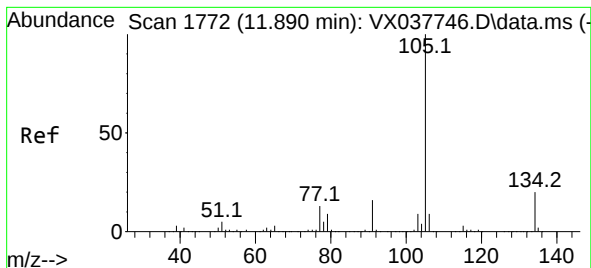
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#84
1,2,4-Trimethylbenzene
Concen: 48.858 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54

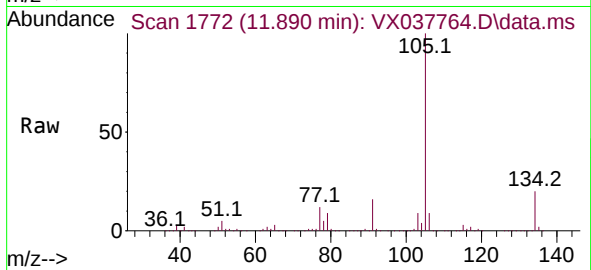
Tgt Ion:105 Resp: 557407
Ion Ratio Lower Upper
105 100
120 43.8 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 48.037 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX037764.D
 Acq: 15 Sep 2023 18:54

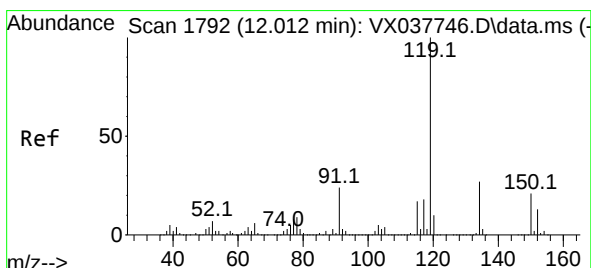
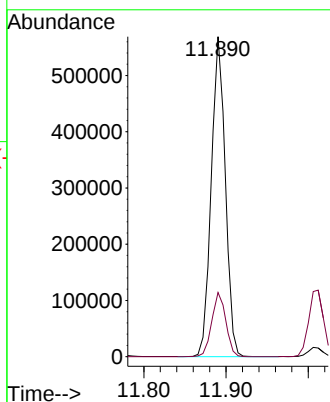
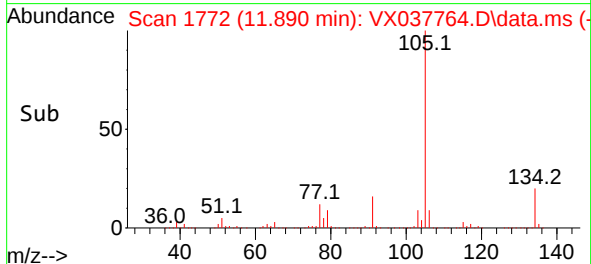
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



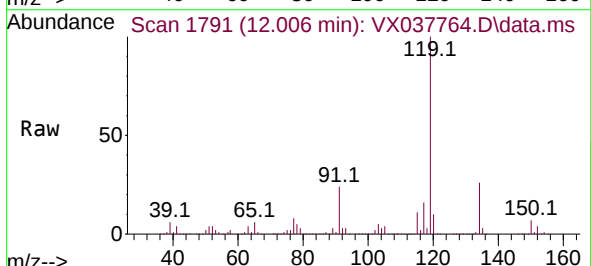
Tgt Ion:105 Resp: 67538
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.4

Manual Integrations
 APPROVED

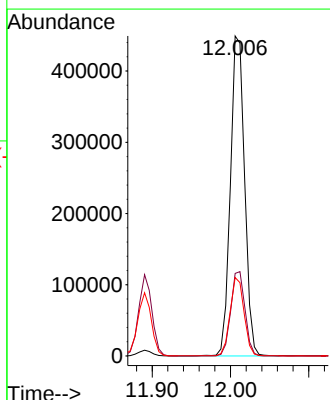
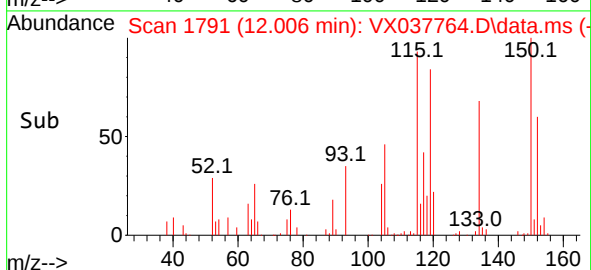
Reviewed By :John Carlone 09/18/2023
 Supervised By :Mahesh Dadoda 09/18/2023

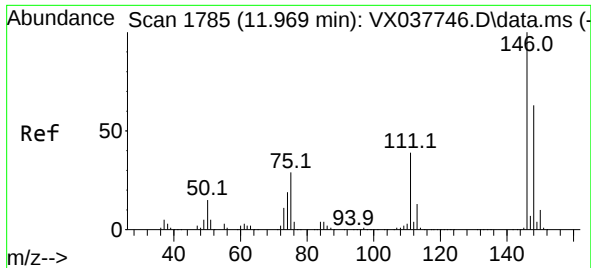


#86
 p-Isopropyltoluene
 Concen: 48.285 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX037764.D
 Acq: 15 Sep 2023 18:54



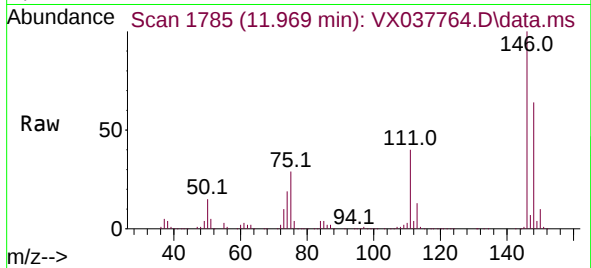
Tgt Ion:119 Resp: 565602
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.8 38.3
 91 24.0 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 48.221 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54

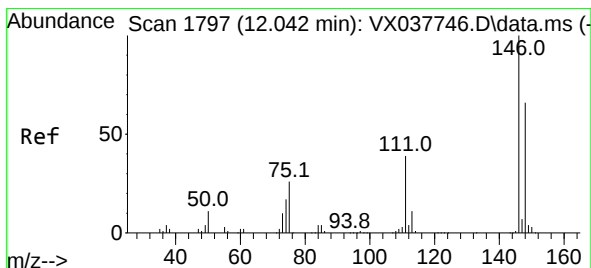
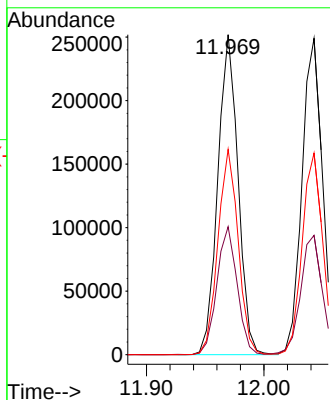
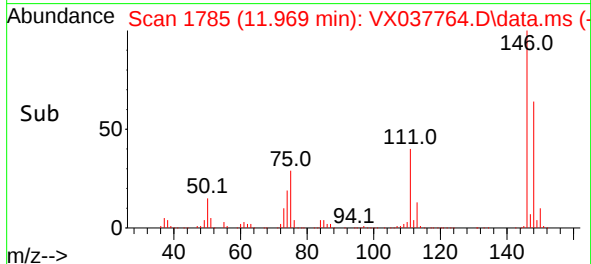
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



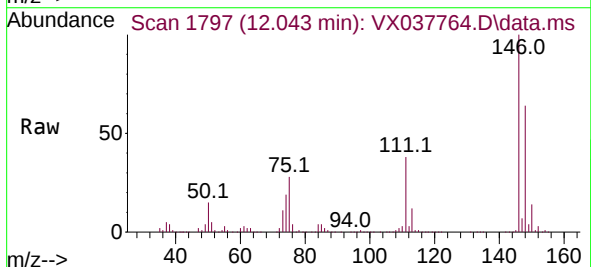
Tgt Ion:146 Resp: 302080
Ion Ratio Lower Upper
146 100
111 40.2 22.1 66.1
148 64.2 31.8 95.3

Manual Integrations
APPROVED

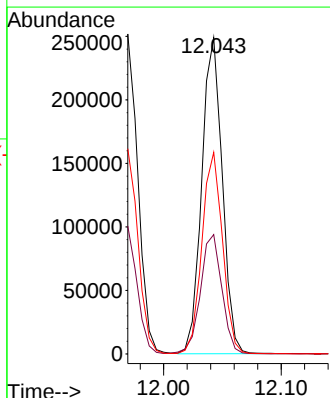
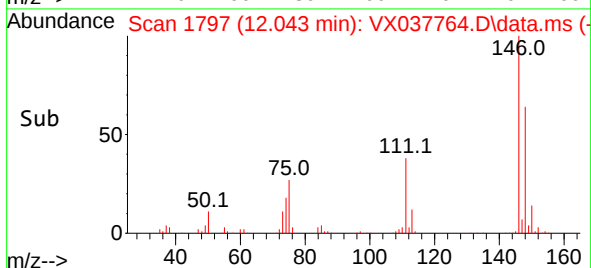
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

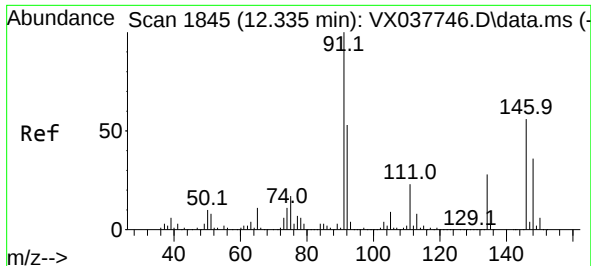


#88
1,4-Dichlorobenzene
Concen: 47.151 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54



Tgt Ion:146 Resp: 302265
Ion Ratio Lower Upper
146 100
111 39.3 21.3 63.7
148 64.0 31.8 95.4





#89

n-Butylbenzene

Concen: 48.456 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 497234

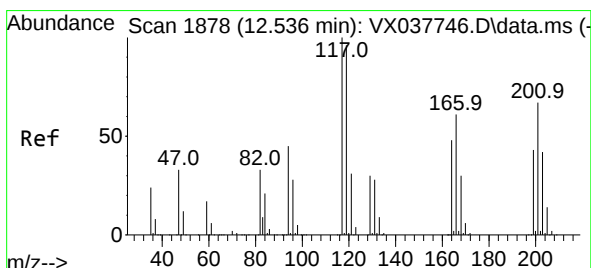
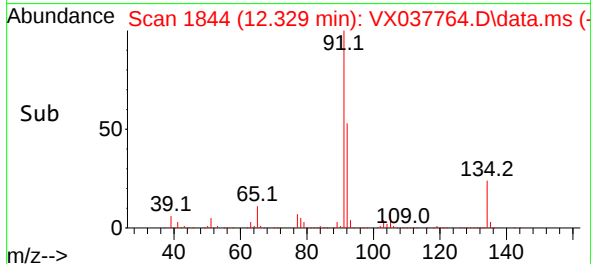
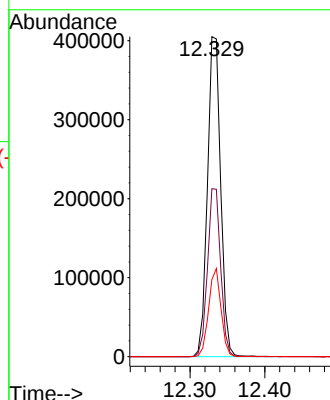
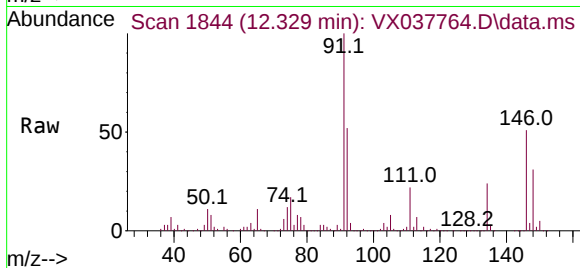
Ion	Ratio	Lower	Upper
91	100		
92	52.2	27.4	82.0
134	25.8	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#90

Hexachloroethane

Concen: 48.862 ug/l

RT: 12.536 min Scan# 1878

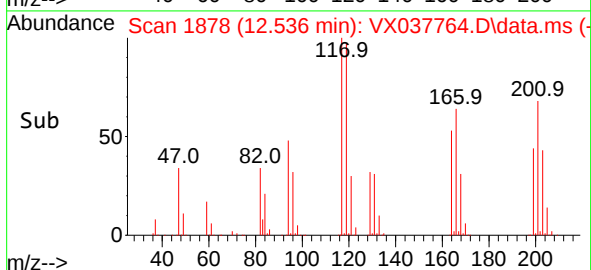
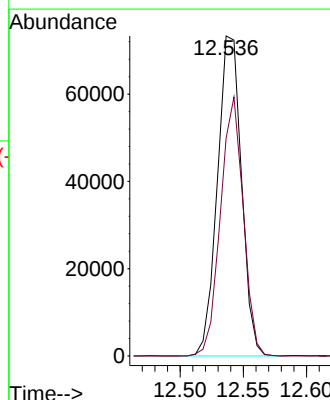
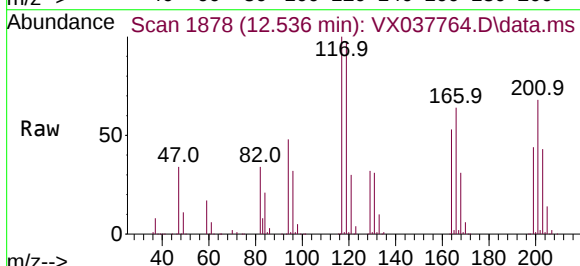
Delta R.T. -0.000 min

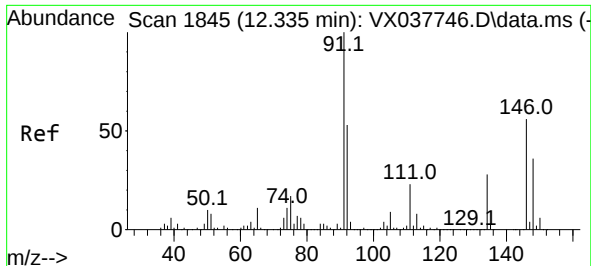
Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Tgt Ion:117 Resp: 96976

Ion	Ratio	Lower	Upper
117	100		
201	76.5	32.9	98.6





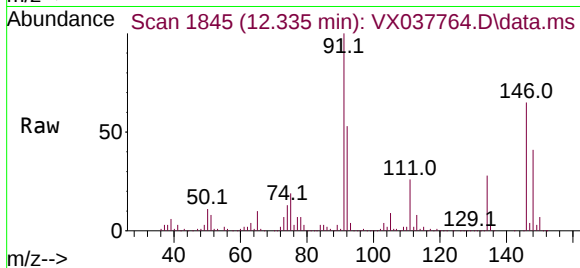
#91
1,2-Dichlorobenzene
Concen: 49.012 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



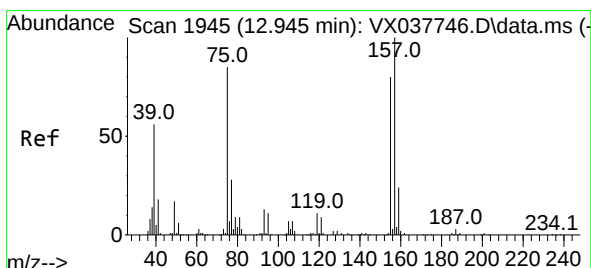
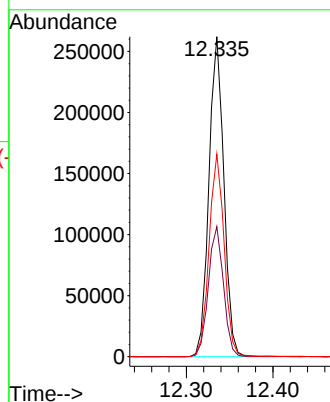
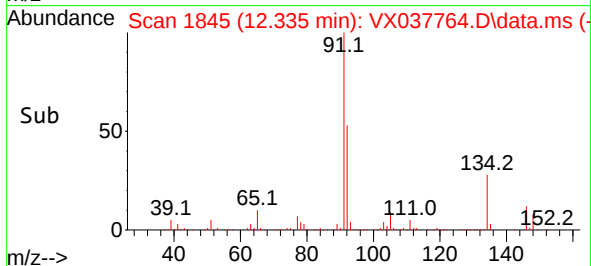
Tgt Ion:146 Resp: 31348
Ion Ratio Lower Upper
146 100
111 41.2 22.4 67.0
148 63.8 31.6 95.0

Manual Integrations

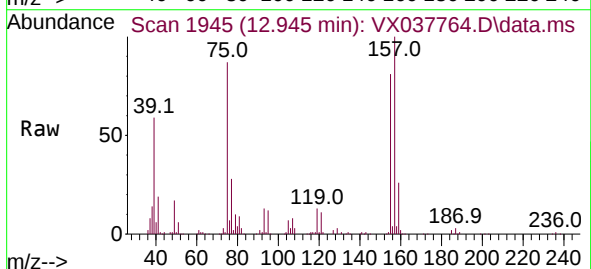
APPROVED

Reviewed By :John Carlone 09/18/2023

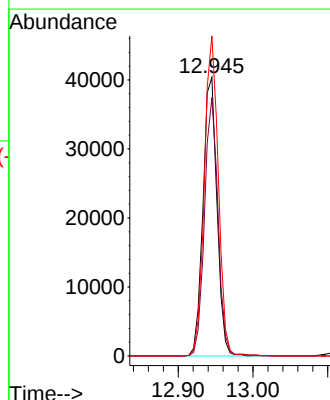
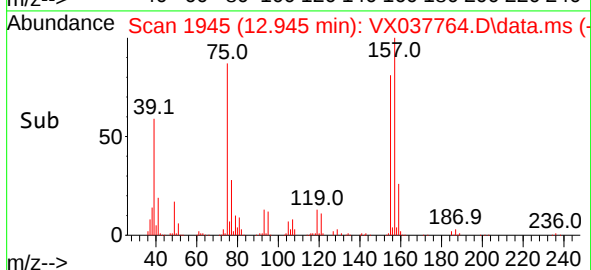
Supervised By :Mahesh Dadoda 09/18/2023

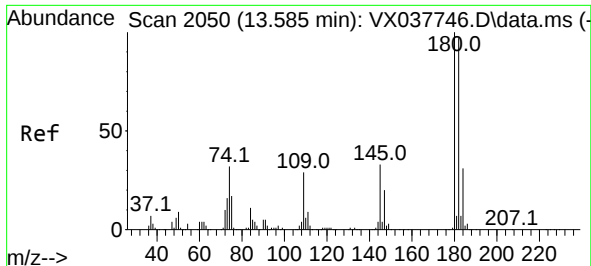


#92
1,2-Dibromo-3-Chloropropane
Concen: 55.298 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54



Tgt Ion: 75 Resp: 52637
Ion Ratio Lower Upper
75 100
155 88.9 36.1 108.5
157 114.4 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 49.427 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54

Instrument :

MSVOA_X

ClientSampleId :

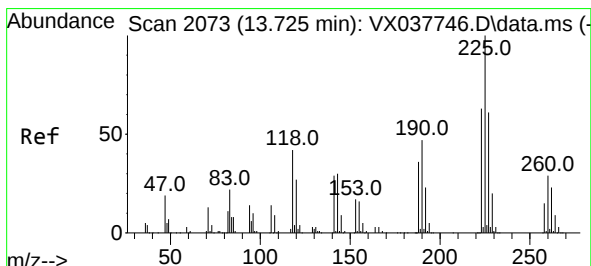
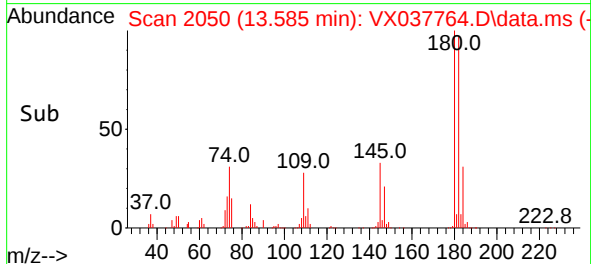
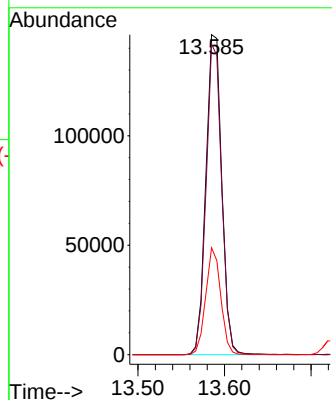
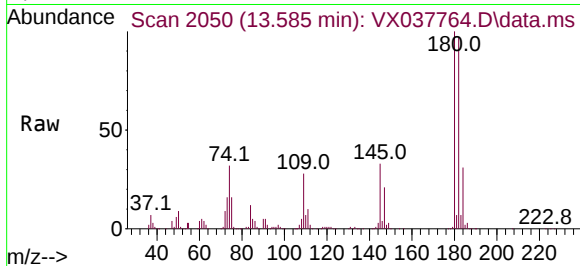
VSTDCCC050EC

Tgt Ion:180 Resp: 186224
Ion Ratio Lower Upper
180 100
182 95.0 48.3 144.8
145 31.7 18.0 54.0

Manual Integrations

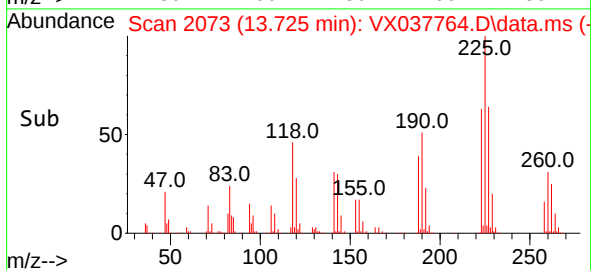
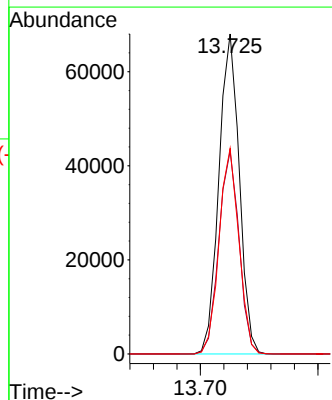
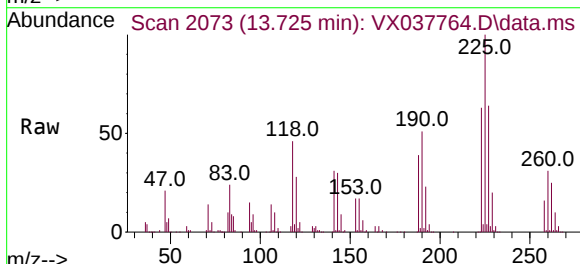
APPROVED

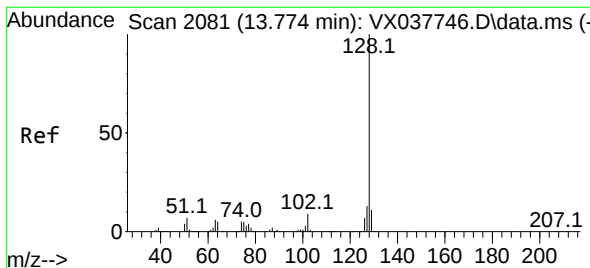
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#94
Hexachlorobutadiene
Concen: 46.536 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54

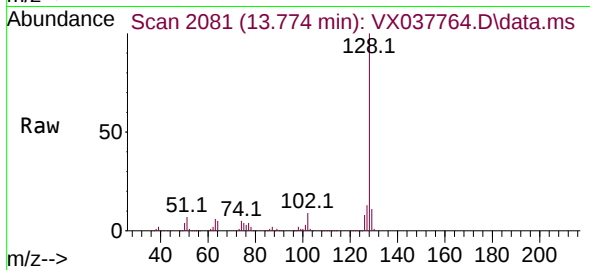
Tgt Ion:225 Resp: 81876
Ion Ratio Lower Upper
225 100
223 62.7 31.1 93.2
227 62.5 32.5 97.5





#95
Naphthalene
Concen: 53.170 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54

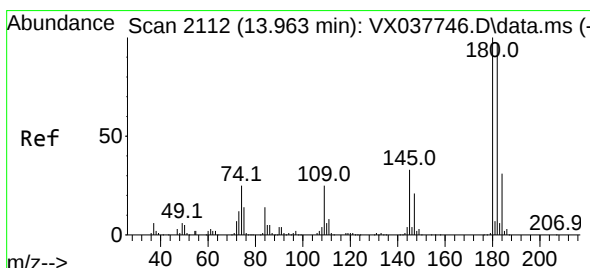
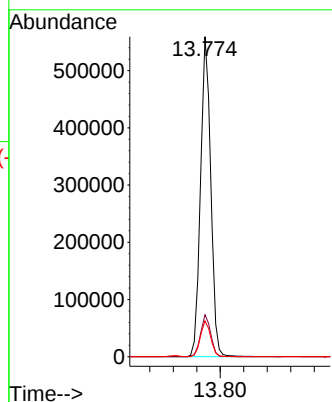
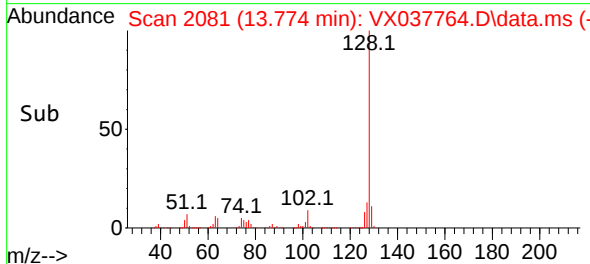
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



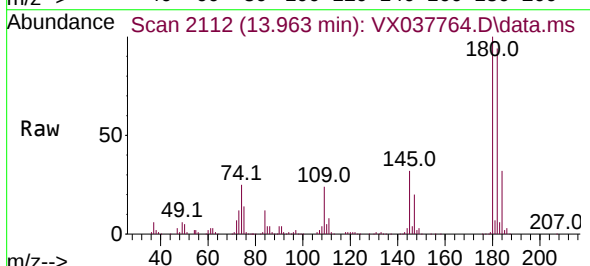
Tgt Ion:128 Resp: 677488
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.2 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 49.580 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037764.D
Acq: 15 Sep 2023 18:54



Tgt Ion:180 Resp: 192231
Ion Ratio Lower Upper
180 100
182 95.0 46.9 140.6
145 33.2 17.8 53.5

