

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061423\
 Data File : VX036157.D
 Acq On : 14 Jun 2023 15:36
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/15/2023
 Supervised By : Mahesh Dadoda 06/15/2023

Quant Time: Jun 15 01:34:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 15 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	205921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	381242	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	350049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	161198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	176706	50.871	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.740%			
35) Dibromofluoromethane	5.385	113	124211	48.458	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.920%			
50) Toluene-d8	8.646	98	450084	48.913	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.820%			
62) 4-Bromofluorobenzene	11.079	95	177746	45.970	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	112710	50.357	ug/l	100
3) Chloromethane	1.294	50	122486	50.803	ug/l	100
4) Vinyl Chloride	1.373	62	113886	50.158	ug/l	100
5) Bromomethane	1.617	94	71225	48.713	ug/l	100
6) Chloroethane	1.690	64	71844	50.167	ug/l	100
7) Trichlorofluoromethane	1.886	101	165249	50.931	ug/l	100
8) Diethyl Ether	2.135	74	67086	49.620	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	100412	50.930	ug/l	100
10) Methyl Iodide	2.452	142	117119	53.230	ug/l	100
11) Tert butyl alcohol	3.013	59	147674	258.410	ug/l	100
12) 1,1-Dichloroethene	2.318	96	98542	50.277	ug/l	100
13) Acrolein	2.239	56	166256	250.243	ug/l	100
14) Allyl chloride	2.666	41	206486	51.783	ug/l	100
15) Acrylonitrile	3.074	53	350481	257.448	ug/l	100
16) Acetone	2.404	43	326483	245.008	ug/l	100
17) Carbon Disulfide	2.513	76	248362	49.792	ug/l	100
18) Methyl Acetate	2.709	43	276747	49.406	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	400912	51.555	ug/l	100
20) Methylene Chloride	2.788	84	120783	48.962	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	109005	48.761	ug/l	100
22) Diisopropyl ether	3.757	45	408980	52.116	ug/l	100
23) Vinyl Acetate	3.721	43	1539832	268.421	ug/l	100
24) 1,1-Dichloroethane	3.611	63	222494	51.391	ug/l	100
25) 2-Butanone	4.568	43	495272	254.405	ug/l	100
26) 2,2-Dichloropropane	4.477	77	178473	51.509	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	131920	51.145	ug/l	100
28) Bromochloromethane	4.897	49	117485	52.430	ug/l	100
29) Tetrahydrofuran	5.019	42	323128	258.020	ug/l	100
30) Chloroform	5.092	83	230992	50.953	ug/l	100
31) Cyclohexane	5.470	56	176840	51.105	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	197733	51.603	ug/l	100
36) 1,1-Dichloropropene	5.696	75	162074	49.411	ug/l	100
37) Ethyl Acetate	4.714	43	201690	50.067	ug/l	100
38) Carbon Tetrachloride	5.678	117	162755	51.399	ug/l	100
39) Methylcyclohexane	7.378	83	170316	48.887	ug/l	100
40) Benzene	6.037	78	473292	50.279	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	113692	50.613	ug/l	100
42) 1,2-Dichloroethane	6.086	62	202076	49.763	ug/l	100
43) Isopropyl Acetate	6.342	43	315411	50.486	ug/l	100
44) Trichloroethene	7.122	130	119417	49.446	ug/l	100
45) 1,2-Dichloropropane	7.433	63	125168	50.794	ug/l	100
46) Dibromomethane	7.580	93	89440	49.705	ug/l	100
47) Bromodichloromethane	7.823	83	174864	52.106	ug/l	100
48) Methyl methacrylate	7.689	41	164354	52.842	ug/l	100
49) 1,4-Dioxane	7.732	88	63685	1046.564	ug/l #	100
51) 4-Methyl-2-Pentanone	8.573	43	984603	261.419	ug/l	100
52) Toluene	8.720	92	302589	51.123	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	188630	53.164	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	203031	52.714	ug/l	100
55) 1,1,2-Trichloroethane	9.152	97	125799	50.650	ug/l	100
56) Ethyl methacrylate	9.116	69	201029	52.370	ug/l	100
57) 1,3-Dichloropropane	9.305	76	217794	50.774	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	520008	256.579	ug/l	100
59) 2-Hexanone	9.433	43	742781	265.841	ug/l	100
60) Dibromochloromethane	9.518	129	125168	52.947	ug/l	100
61) 1,2-Dibromoethane	9.610	107	133312	51.184	ug/l	100
64) Tetrachloroethene	9.274	164	96487	50.312	ug/l	100
65) Chlorobenzene	10.079	112	322304	50.458	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	118685	52.814	ug/l	100
67) Ethyl Benzene	10.195	91	582946	51.668	ug/l	100
68) m/p-Xylenes	10.299	106	447889	104.085	ug/l	100
69) o-Xylene	10.640	106	223252	52.563	ug/l	100
70) Styrene	10.652	104	370465	53.152	ug/l	100
71) Bromoform	10.799	173	84112	44.645	ug/l #	100
73) Isopropylbenzene	10.963	105	568622	51.913	ug/l	100
74) N-amyl acetate	10.841	43	265771	53.345	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	191126	51.075	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	183245m	50.829	ug/l	
77) Bromobenzene	11.195	156	134590	52.356	ug/l	100
78) n-propylbenzene	11.305	91	652712	51.192	ug/l	100
79) 2-Chlorotoluene	11.366	91	407338	50.451	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	479765	51.897	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	57005	46.746	ug/l	100
82) 4-Chlorotoluene	11.451	91	473985	51.519	ug/l	100
83) tert-Butylbenzene	11.713	119	453030	51.685	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	490302	52.804	ug/l	100
85) sec-Butylbenzene	11.890	105	553830	51.959	ug/l	100
86) p-Isopropyltoluene	12.006	119	473963	52.534	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	246073	50.176	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	249962	49.397	ug/l	100
89) n-Butylbenzene	12.329	91	403692	52.071	ug/l	100
90) Hexachloroethane	12.536	117	74748	46.257	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	242499	50.492	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	44977	52.501	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	133604	48.934	ug/l	100
94) Hexachlorobutadiene	13.725	225	51602	49.015	ug/l	100
95) Naphthalene	13.774	128	510958	53.034	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	136743	50.461	ug/l	100

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Response via : Initial Calibration

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

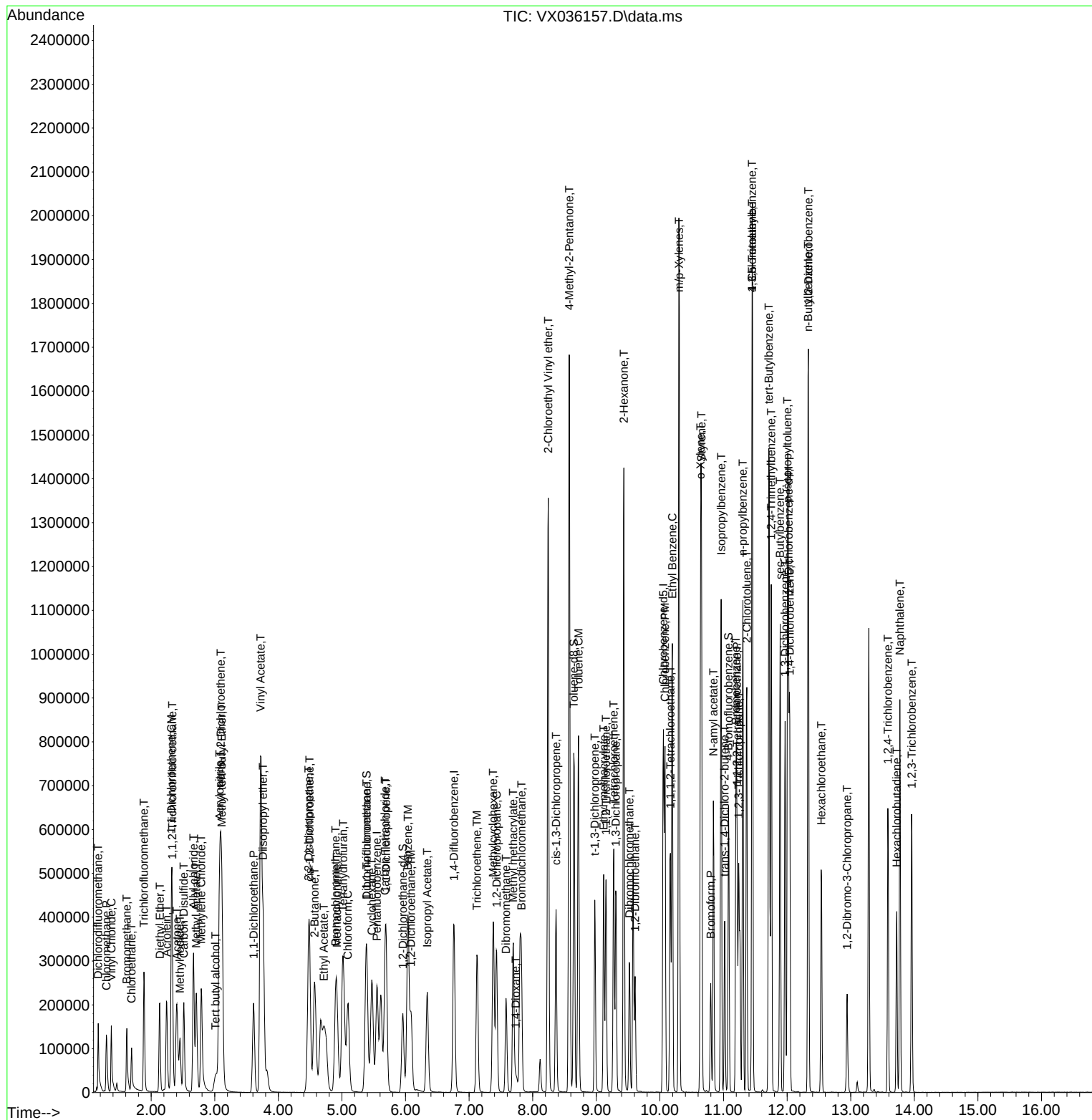
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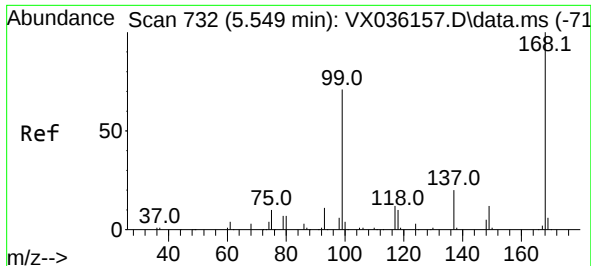
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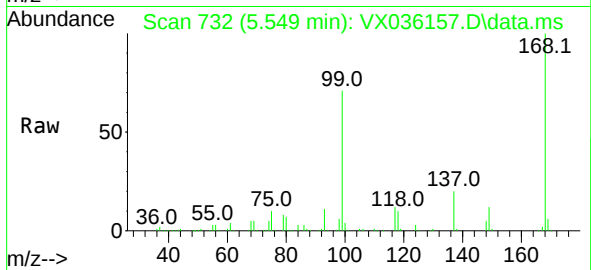
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.000 min
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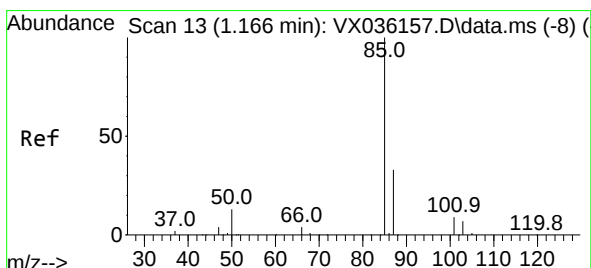
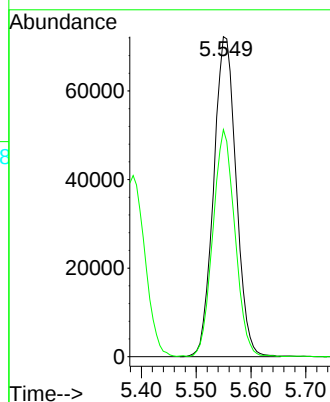
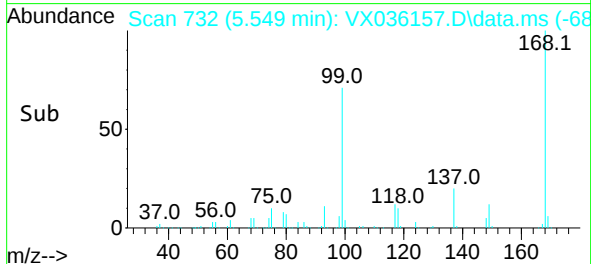
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



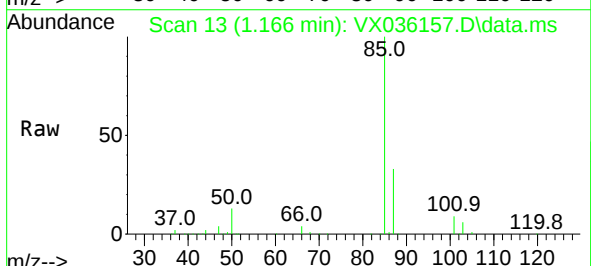
Tgt Ion:168 Resp: 20592
Ion Ratio Lower Upper
168 100
99 70.8 56.6 85.0

Manual Integrations
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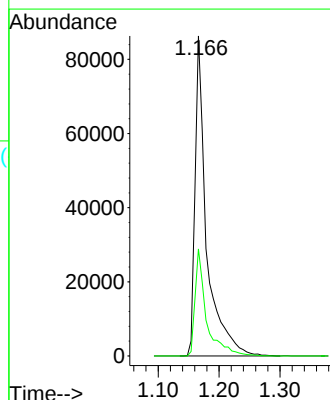
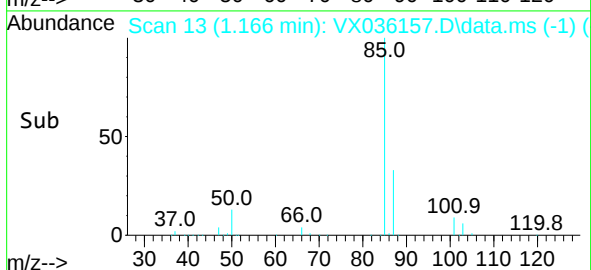
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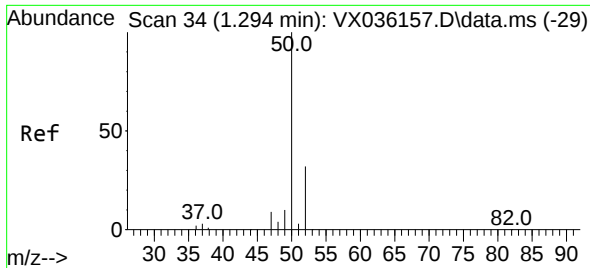


#2
Dichlorodifluoromethane
Concen: 50.357 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36



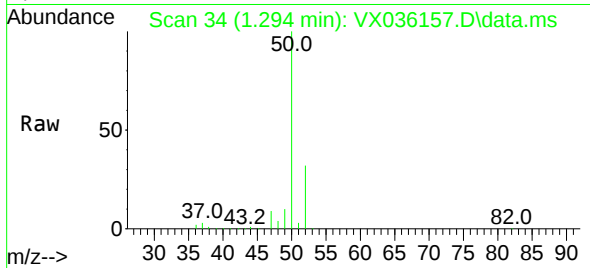
Tgt Ion: 85 Resp: 112710
Ion Ratio Lower Upper
85 100
87 33.4 16.7 50.1





#3
Chloromethane
Concen: 50.803 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36

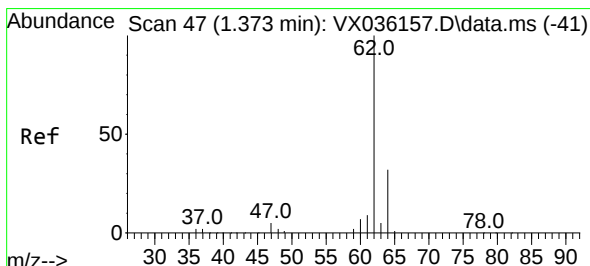
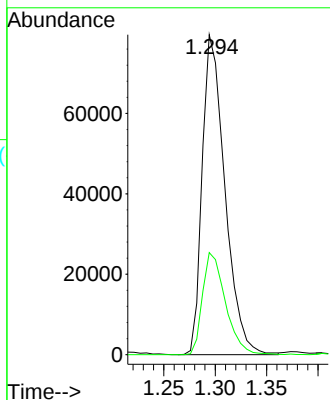
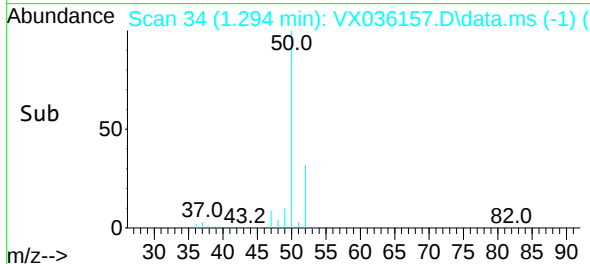
Instrument :
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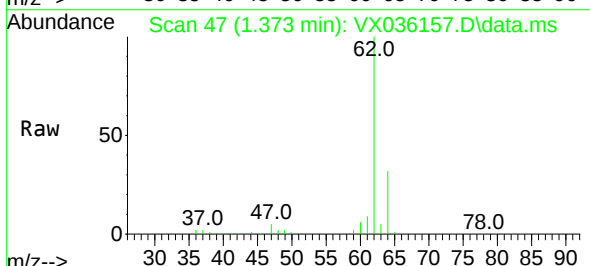
Tgt Ion: 50 Resp: 122486
Ion Ratio Lower Upper
50 100
52 31.9 25.5 38.3

Manual Integrations
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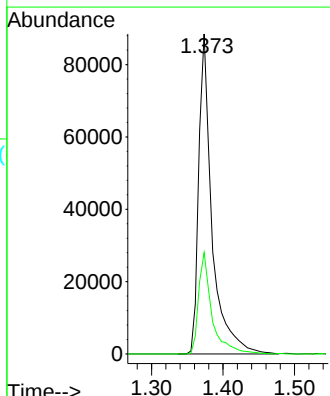
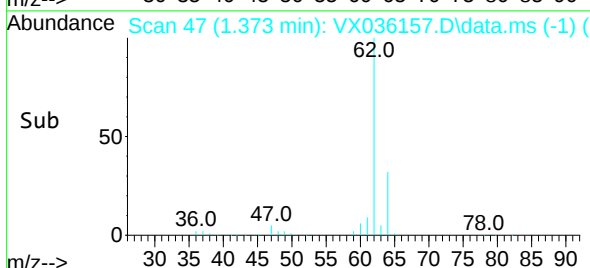
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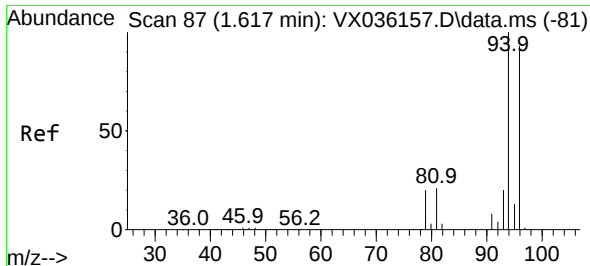


#4
Vinyl Chloride
Concen: 50.158 ug/l
RT: 1.373 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36



Tgt Ion: 62 Resp: 113886
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0





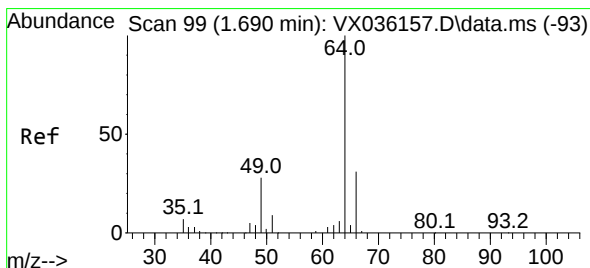
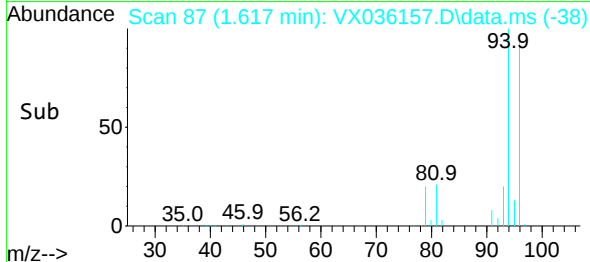
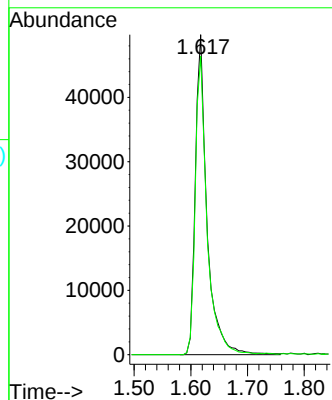
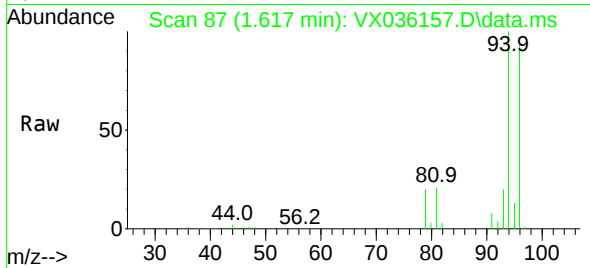
#5
Bromomethane
Concen: 48.713 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX036157.D
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Instrument :
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Tgt Ion: 94 Resp: 71225
Ion Ratio Lower Upper
94 100
96 93.2 74.6 111.8

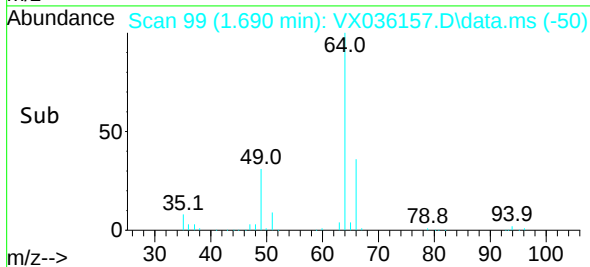
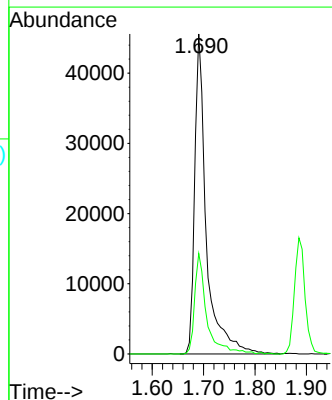
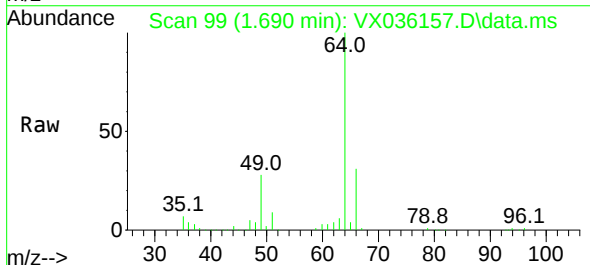
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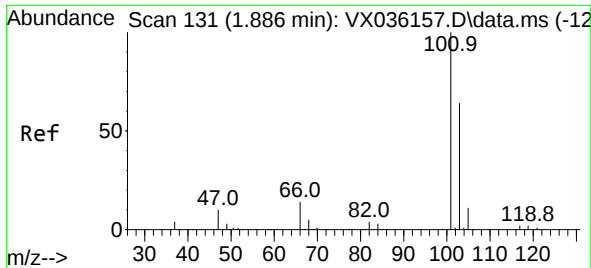
Reviewed By :John Carlone 06/15/2023
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#6
Chloroethane
Concen: 50.167 ug/l
RT: 1.690 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX036157.D
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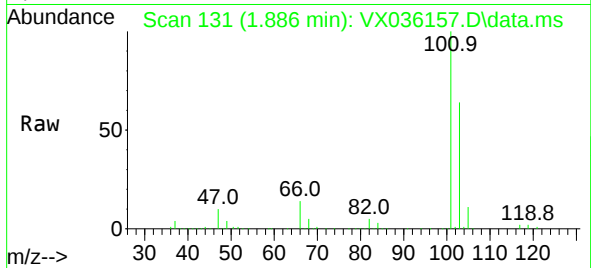
Tgt Ion: 64 Resp: 71844
Ion Ratio Lower Upper
64 100
66 31.4 25.1 37.7





#7
Trichlorofluoromethane
Concen: 50.931 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX036157.D
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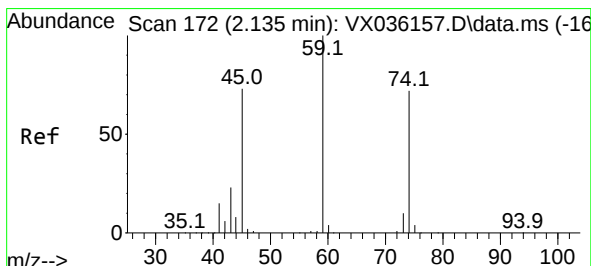
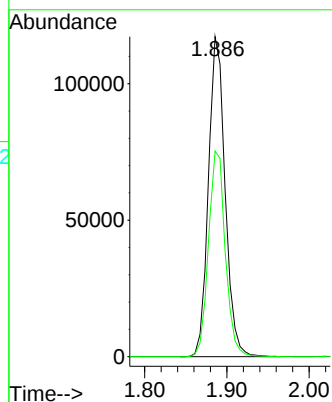
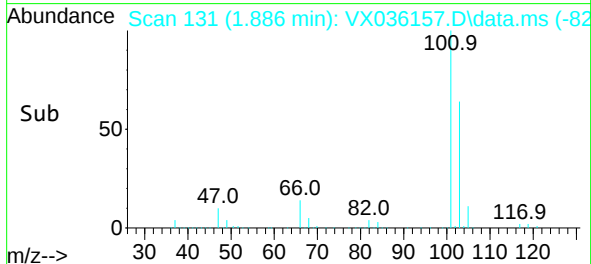
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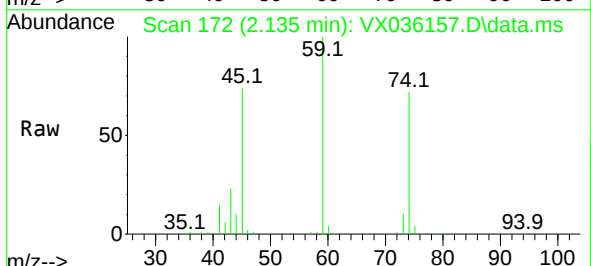
Tgt Ion:101 Resp: 165249
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

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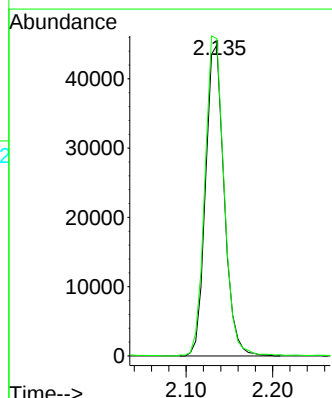
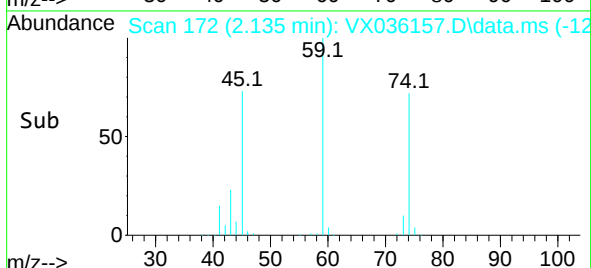
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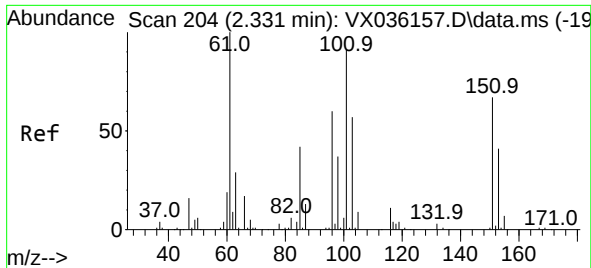


#8
Diethyl Ether
Concen: 49.620 ug/l
RT: 2.135 min Scan# 172
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 67086
Ion Ratio Lower Upper
74 100
45 106.5 53.3 159.8





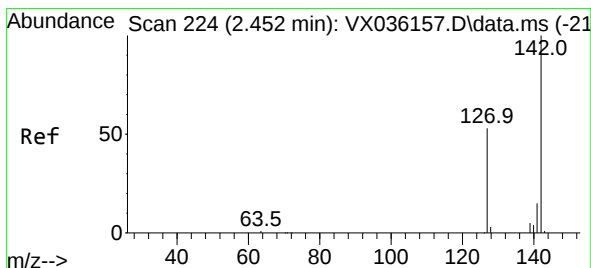
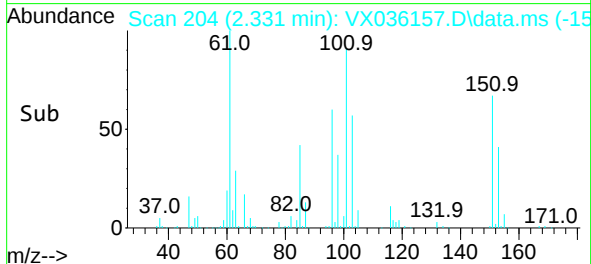
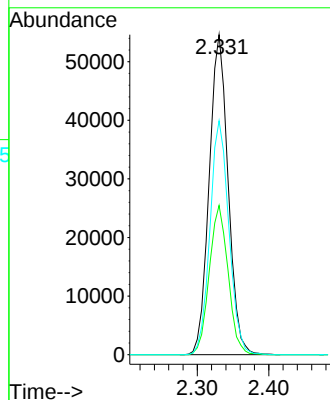
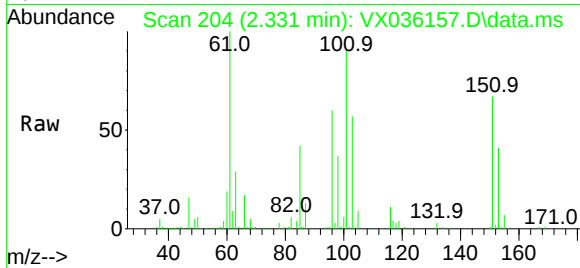
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.930 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 100412
Ion Ratio Lower Upper
101 100
85 46.3 37.0 55.6
151 73.2 58.6 87.8

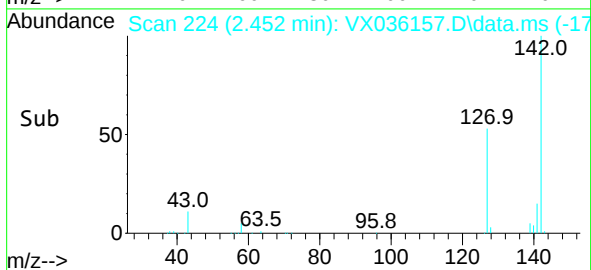
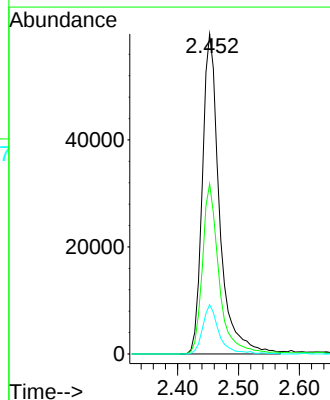
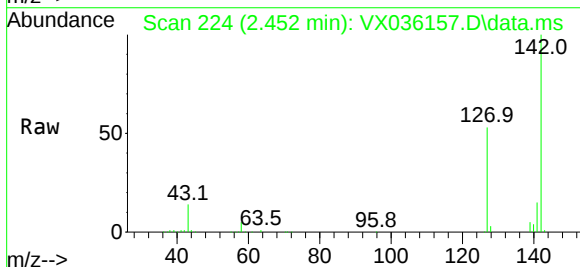
Manual Integrations
APPROVED

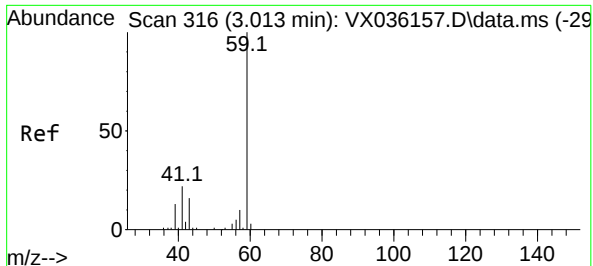
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#10
Methyl Iodide
Concen: 53.230 ug/l
RT: 2.452 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36

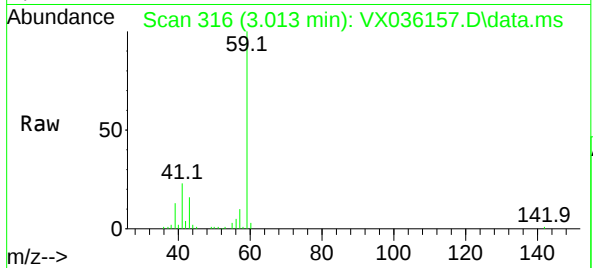
Tgt Ion:142 Resp: 117119
Ion Ratio Lower Upper
142 100
127 52.0 41.6 62.4
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 258.410 ug/l
RT: 3.013 min Scan# 316
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36

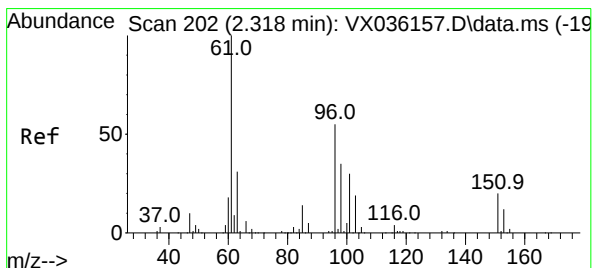
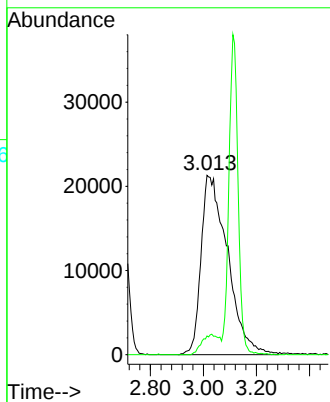
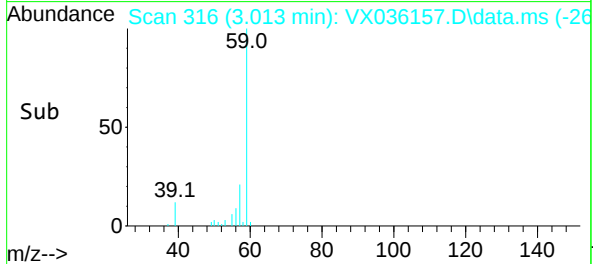
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



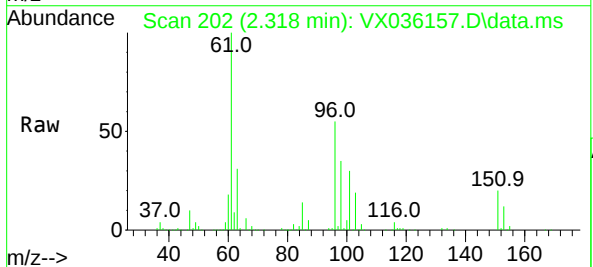
Tgt Ion: 59 Resp: 147674
Ion Ratio Lower Upper
59 100
57 7.5 6.0 9.0

Manual Integrations
APPROVED

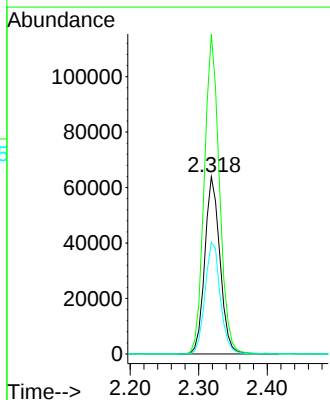
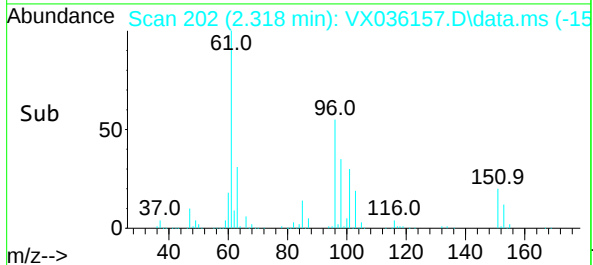
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

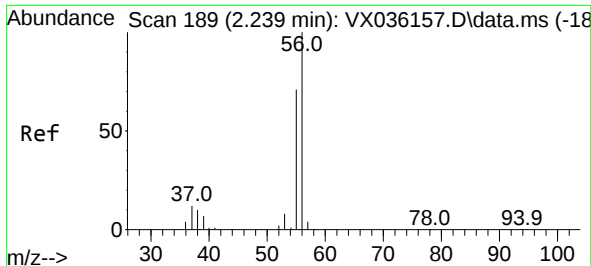


#12
1,1-Dichloroethene
Concen: 50.277 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36



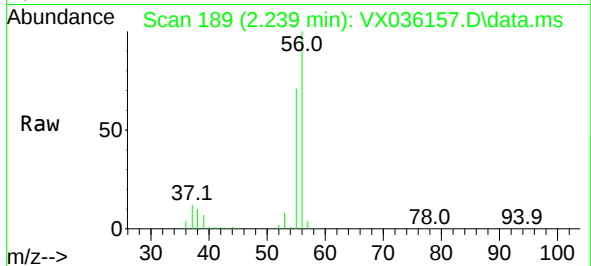
Tgt Ion: 96 Resp: 98542
Ion Ratio Lower Upper
96 100
61 180.7 144.6 216.8
98 63.0 50.4 75.6





#13
Acrolein
Concen: 250.243 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36

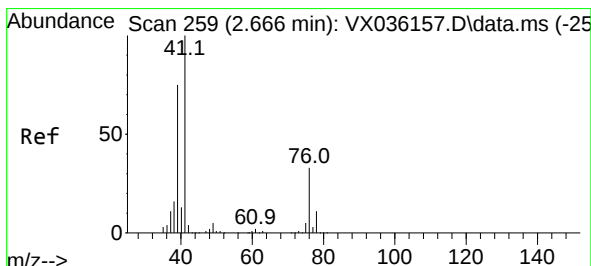
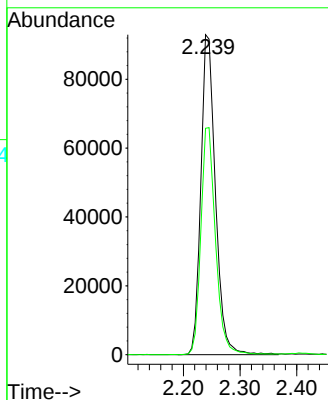
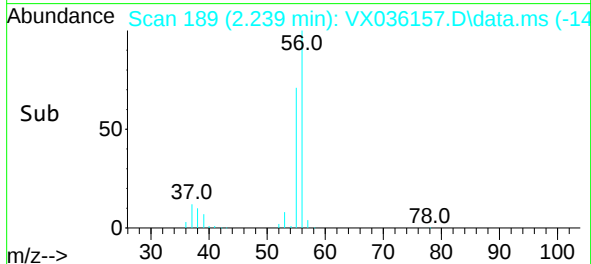
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



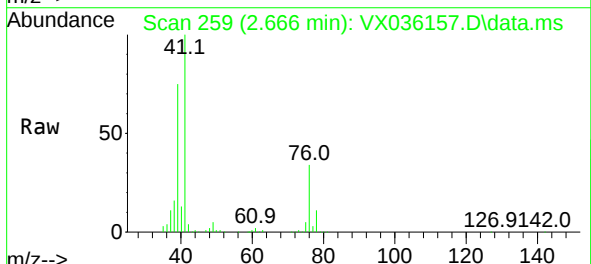
Tgt Ion: 56 Resp: 166250
Ion Ratio Lower Upper
56 100
55 71.4 57.1 85.7

Manual Integrations
APPROVED

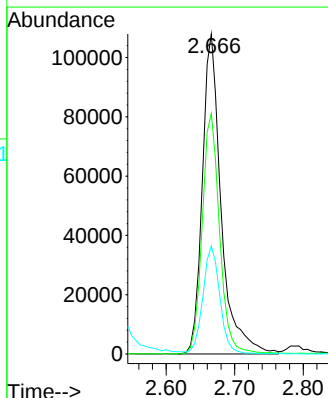
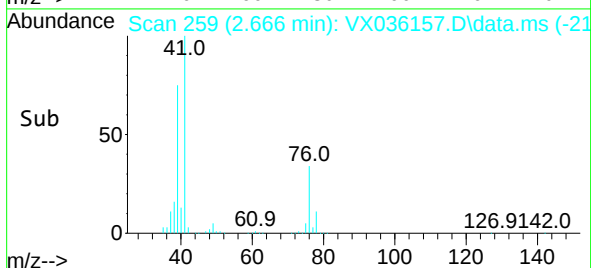
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

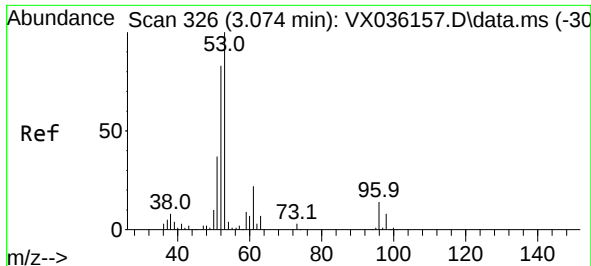


#14
Allyl chloride
Concen: 51.783 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36



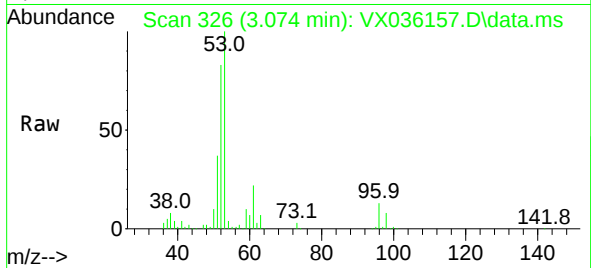
Tgt Ion: 41 Resp: 206486
Ion Ratio Lower Upper
41 100
39 69.7 55.8 83.6
76 30.4 24.3 36.5





#15
Acrylonitrile
Concen: 257.448 ug/l
RT: 3.074 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36

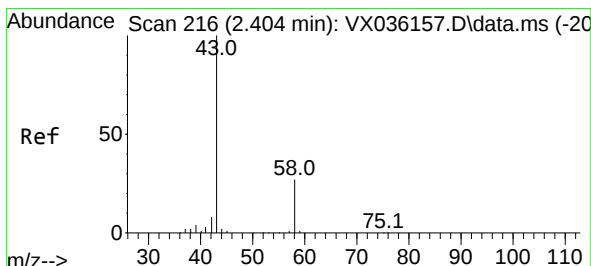
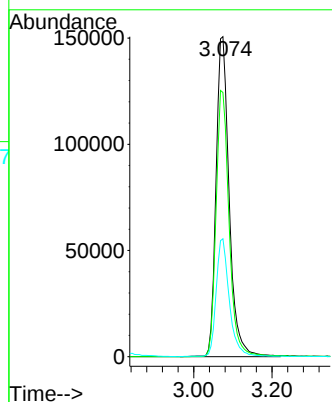
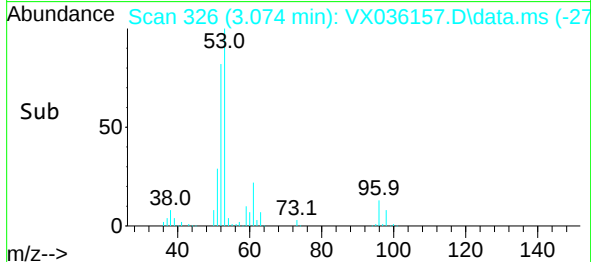
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



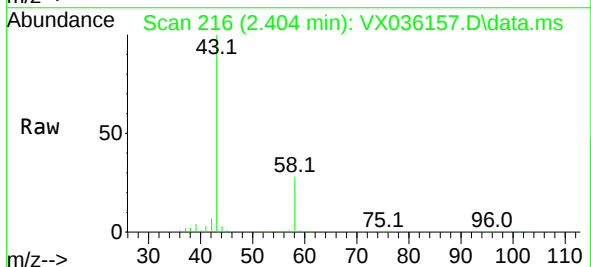
Tgt Ion: 53 Resp: 350483
Ion Ratio Lower Upper
53 100
52 82.5 66.0 99.0
51 37.2 29.8 44.6

Manual Integrations
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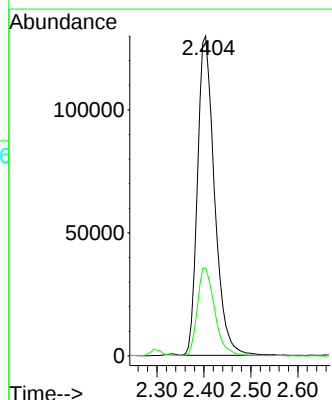
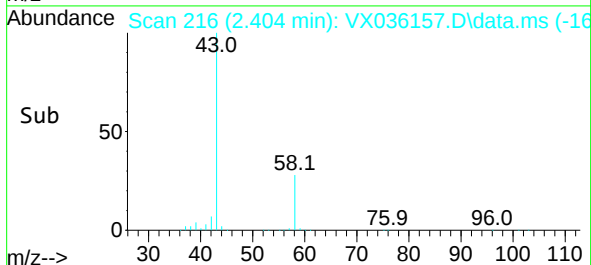
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

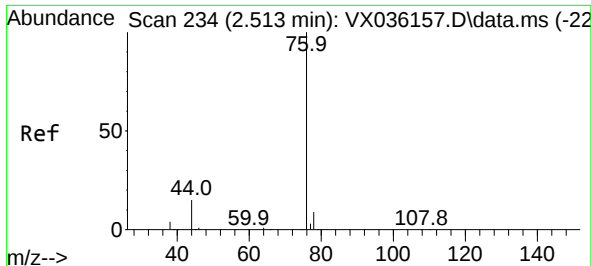


#16
Acetone
Concen: 245.008 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36



Tgt Ion: 43 Resp: 326483
Ion Ratio Lower Upper
43 100
58 27.4 21.9 32.9





#17

Carbon Disulfide

Concen: 49.792 ug/l

RT: 2.513 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 248362

Ion Ratio Lower Upper

76 100

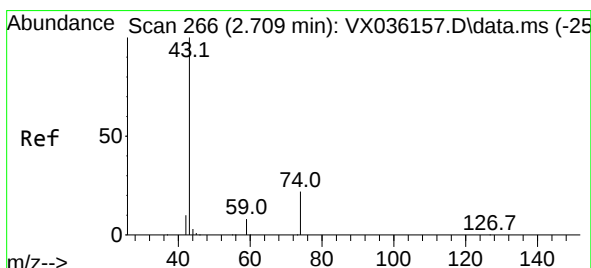
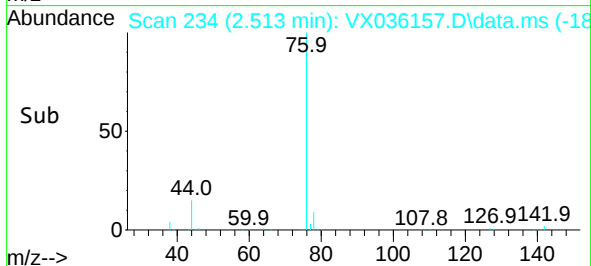
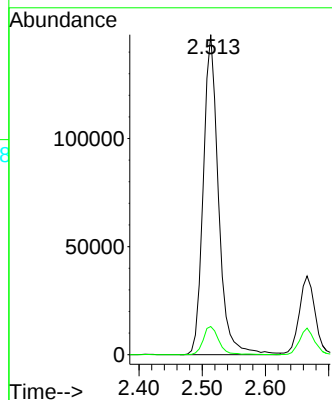
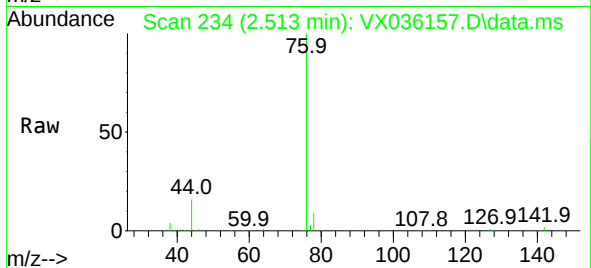
78 8.8 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#18

Methyl Acetate

Concen: 49.406 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX036157.D

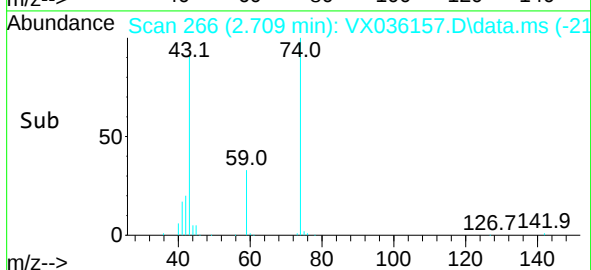
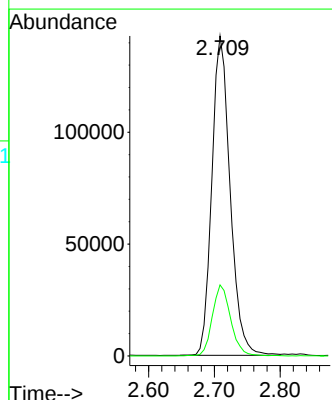
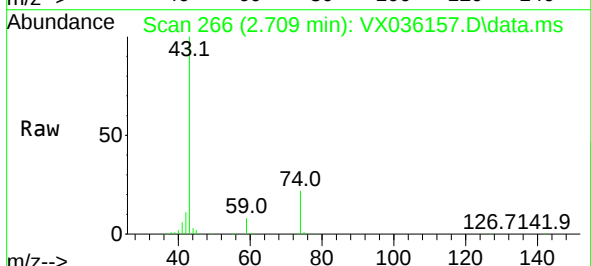
Acq: 14 Jun 2023 15:36

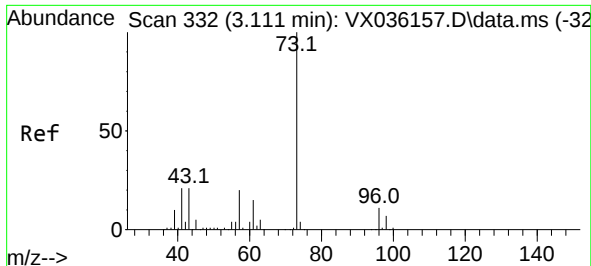
Tgt Ion: 43 Resp: 276747

Ion Ratio Lower Upper

43 100

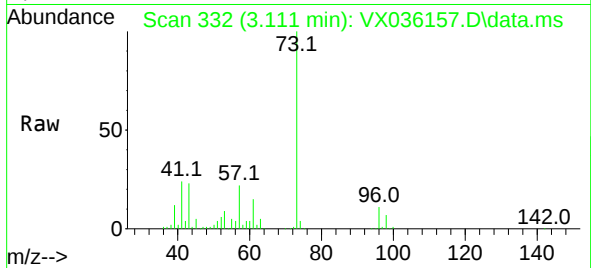
74 22.3 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 51.555 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36

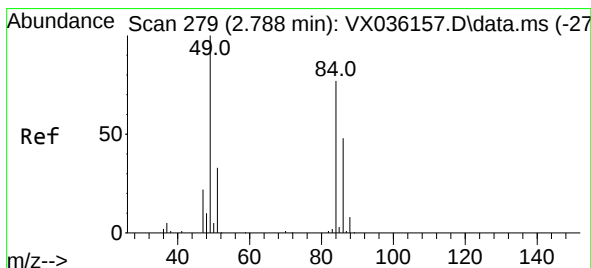
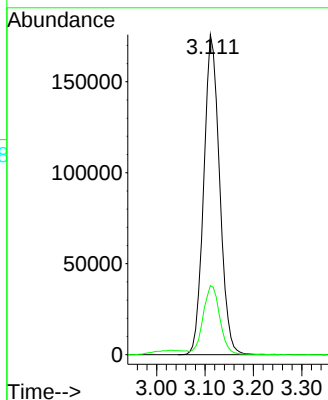
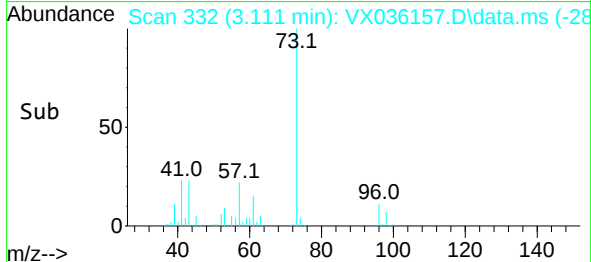
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



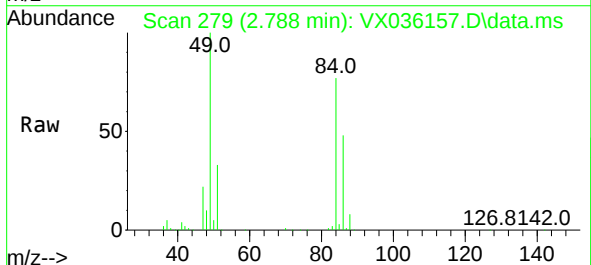
Tgt Ion: 73 Resp: 400912
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9

Manual Integrations
APPROVED

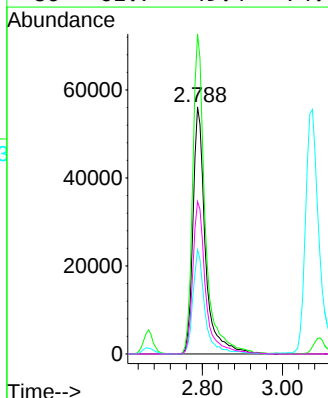
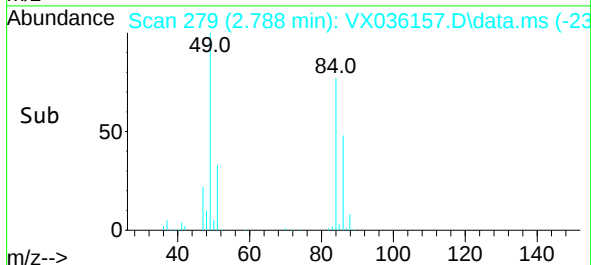
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

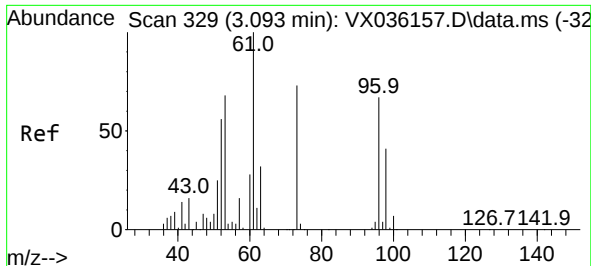


#20
Methylene Chloride
Concen: 48.962 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36



Tgt Ion: 84 Resp: 120783
Ion Ratio Lower Upper
84 100
49 129.5 103.6 155.4
51 42.2 33.8 50.6
86 61.7 49.4 74.0





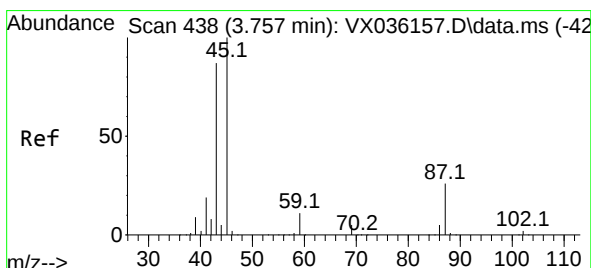
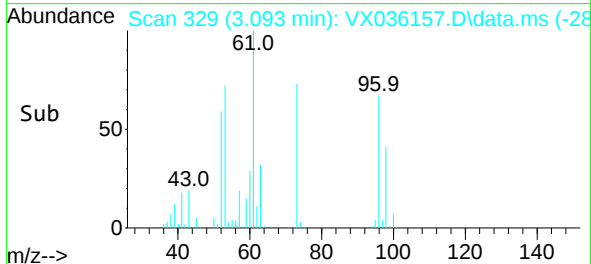
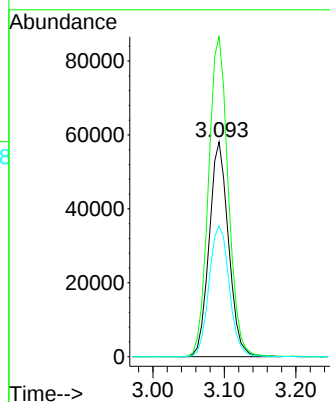
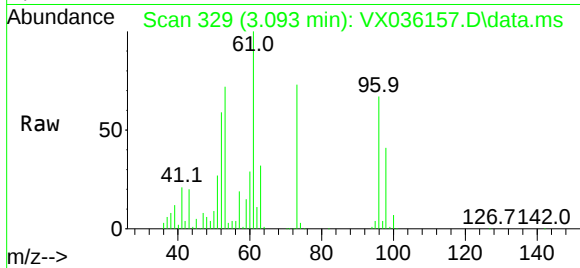
#21
trans-1,2-Dichloroethene
Concen: 48.761 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 10900
Ion Ratio Lower Upper
96 100
61 149.0 119.2 178.8
98 60.9 48.7 73.1

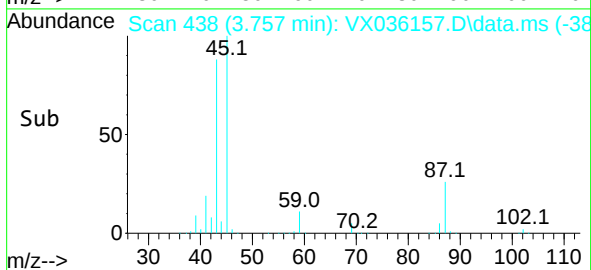
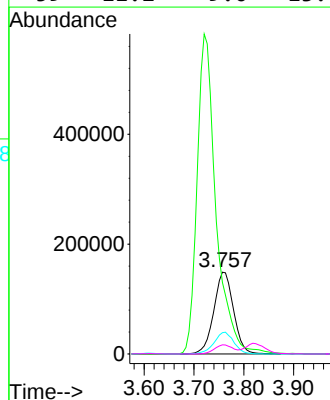
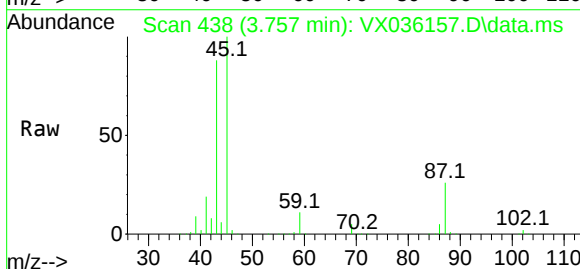
Manual Integrations
APPROVED

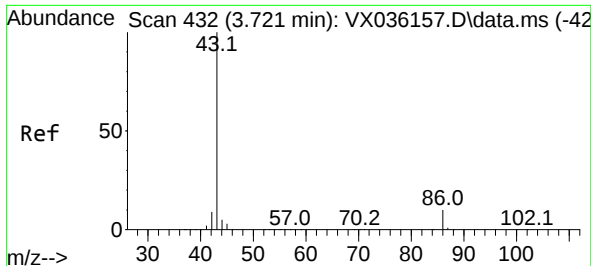
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#22
Diisopropyl ether
Concen: 52.116 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36

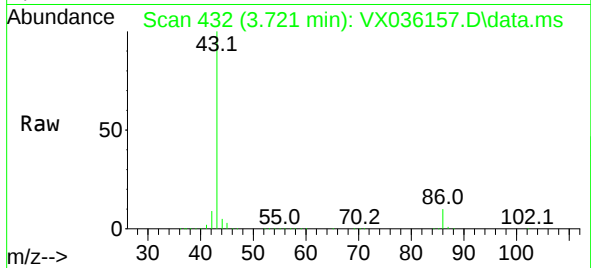
Tgt Ion: 45 Resp: 408980
Ion Ratio Lower Upper
45 100
43 87.1 69.7 104.5
87 26.0 20.8 31.2
59 11.2 9.0 13.4





#23
 Vinyl Acetate
 Concen: 268.421 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX036157.D
 Acq: 14 Jun 2023 15:36

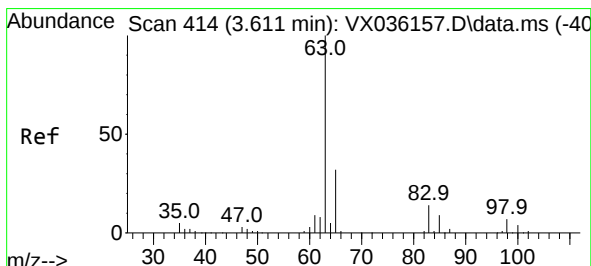
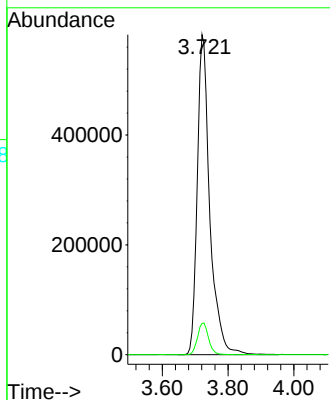
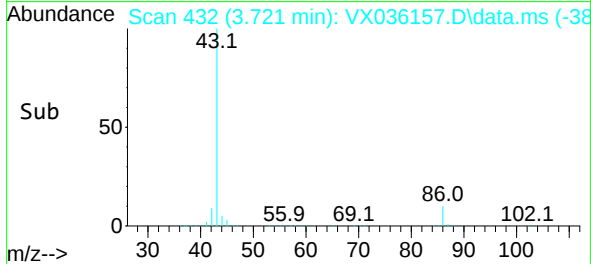
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



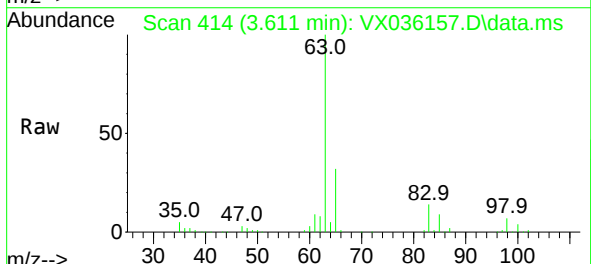
Tgt Ion: 43 Resp: 153983
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8

Manual Integrations
 APPROVED

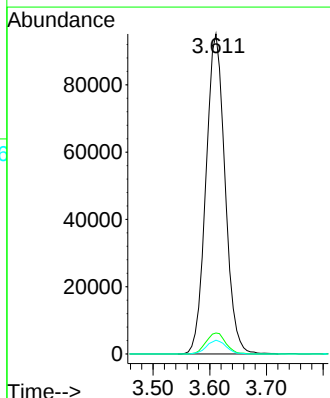
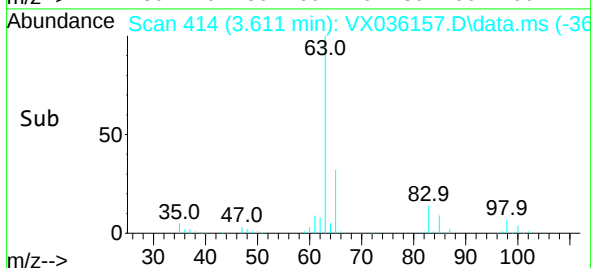
Reviewed By :John Carlone 06/15/2023
 Supervised By :Mahesh Dadoda 06/15/2023

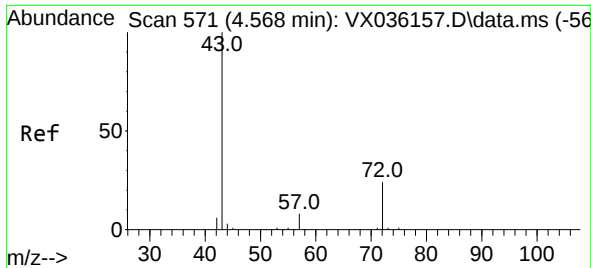


#24
 1,1-Dichloroethane
 Concen: 51.391 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX036157.D
 Acq: 14 Jun 2023 15:36



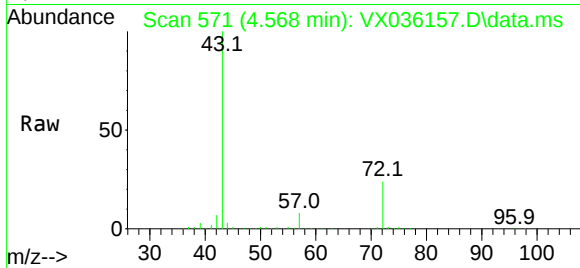
Tgt Ion: 63 Resp: 222494
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.8
 100 4.3 2.1 6.5





#25
2-Butanone
Concen: 254.405 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36

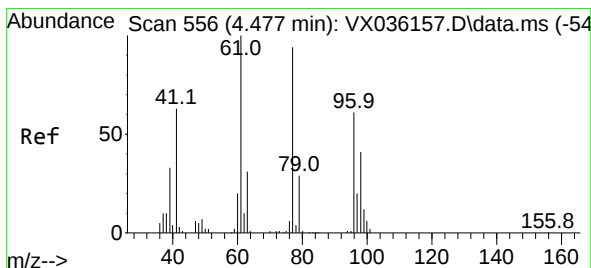
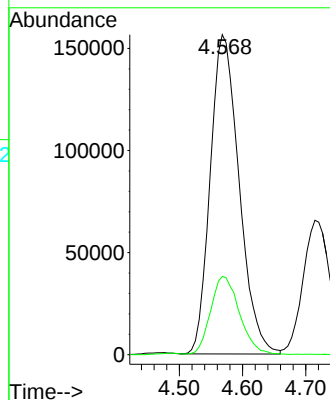
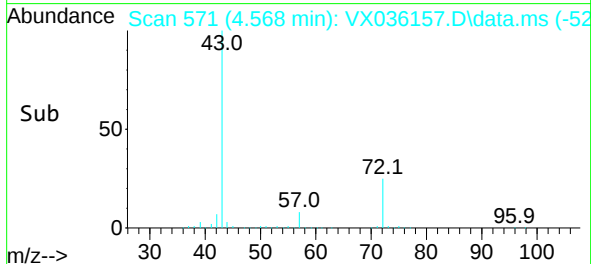
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 495272
Ion Ratio Lower Upper
43 100
72 24.3 19.4 29.2

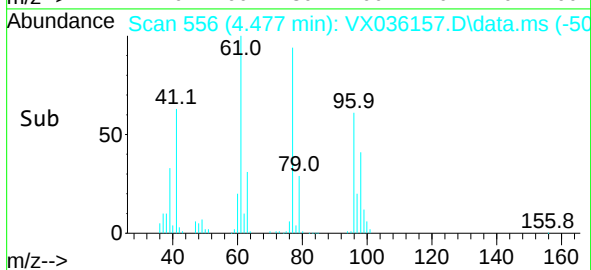
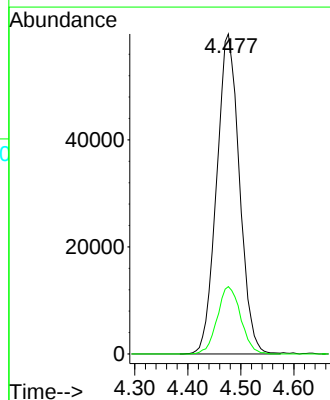
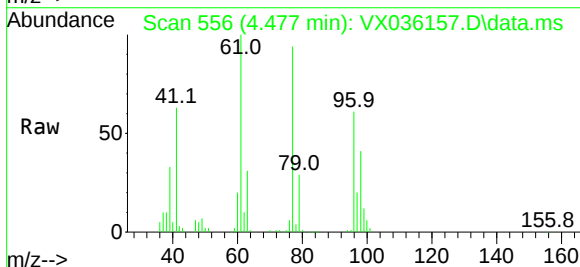
Manual Integrations
APPROVED

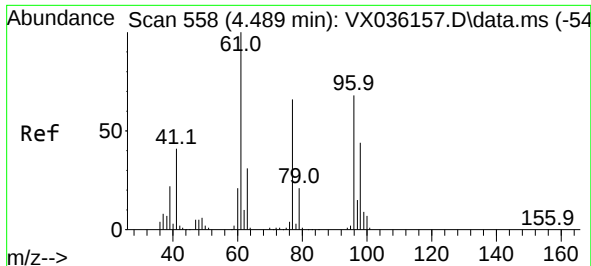
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#26
2,2-Dichloropropane
Concen: 51.509 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36

Tgt Ion: 77 Resp: 178473
Ion Ratio Lower Upper
77 100
97 21.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 51.145 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 131920

Ion Ratio Lower Upper

96 100

61 156.1 0.0 312.2

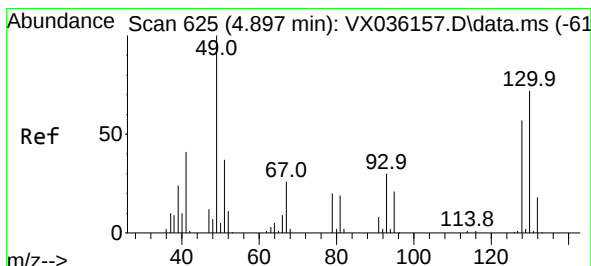
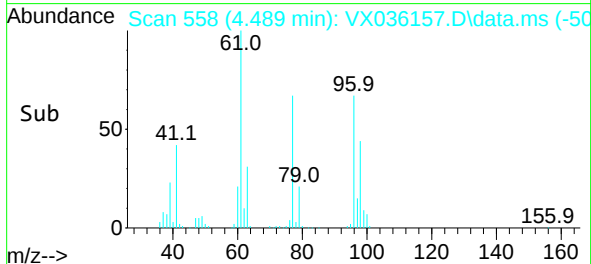
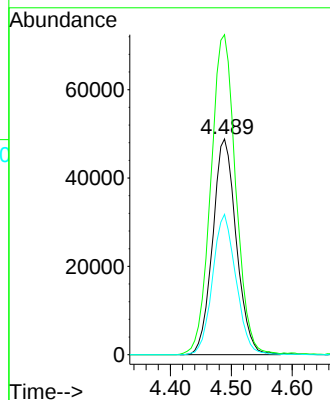
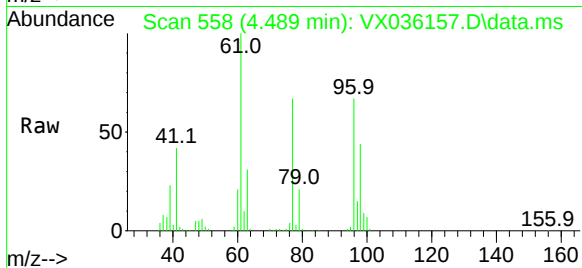
98 64.5 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#28

Bromochloromethane

Concen: 52.430 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

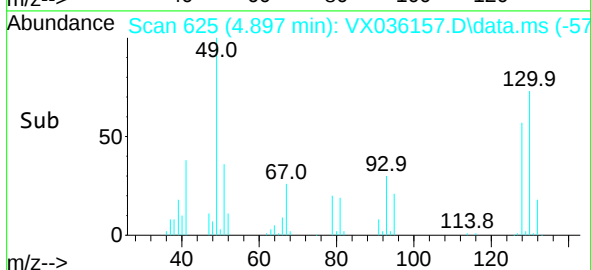
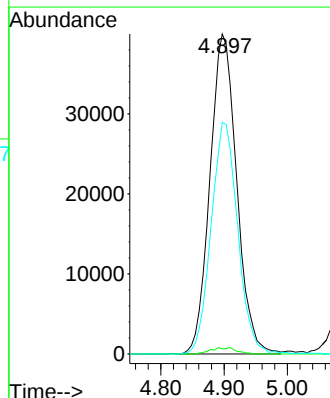
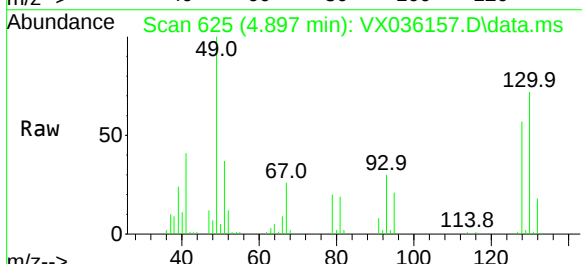
Tgt Ion: 49 Resp: 117485

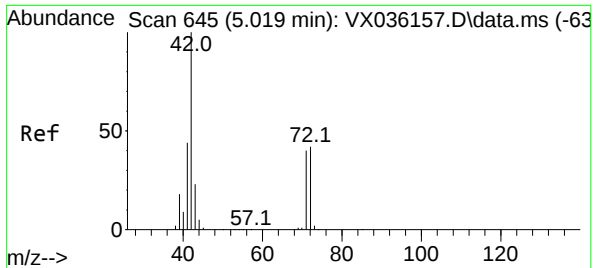
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 71.9 57.5 86.3





#29

Tetrahydrofuran

Concen: 258.020 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 323128

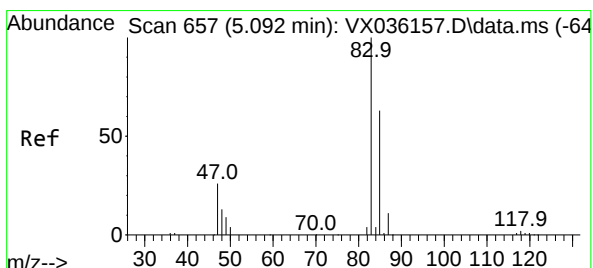
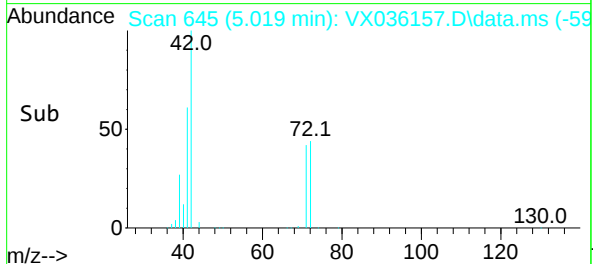
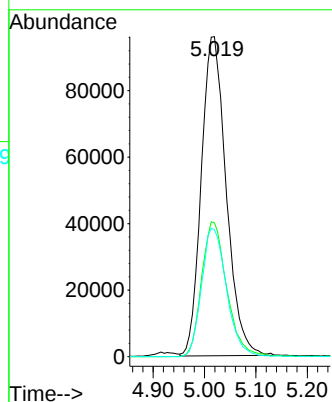
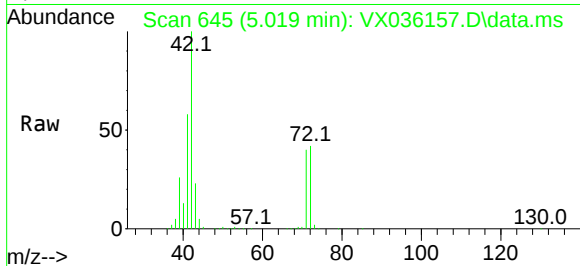
Ion	Ratio	Lower	Upper
42	100		
72	42.8	34.2	51.4
71	40.2	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#30

Chloroform

Concen: 50.953 ug/l

RT: 5.092 min Scan# 657

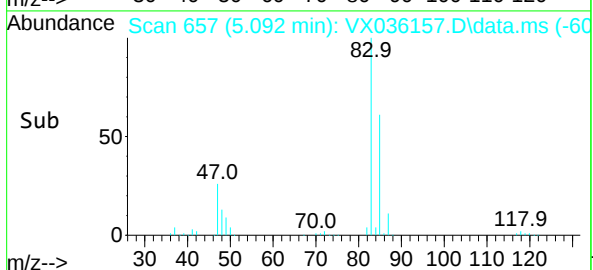
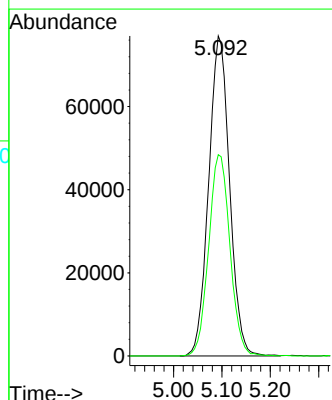
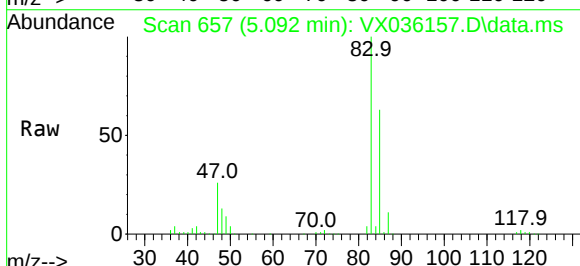
Delta R.T. 0.000 min

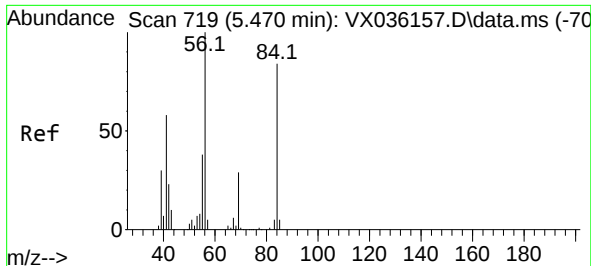
Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Tgt Ion: 83 Resp: 230992

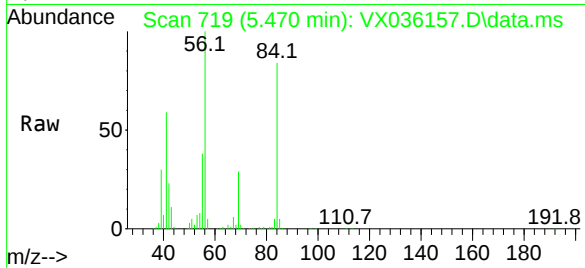
Ion	Ratio	Lower	Upper
83	100		
85	62.9	50.3	75.5





#31
Cyclohexane
Concen: 51.105 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36

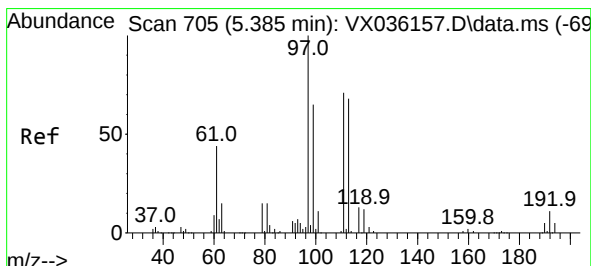
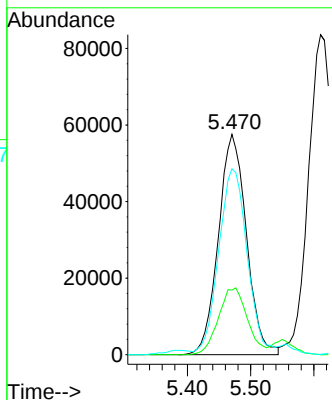
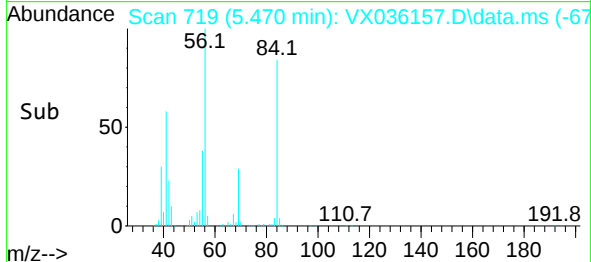
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



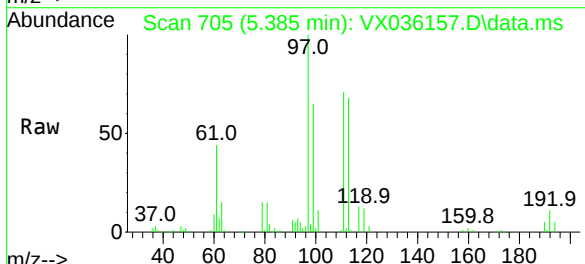
Tgt Ion: 56 Resp: 176840
Ion Ratio Lower Upper
56 100
69 29.3 23.4 35.2
84 82.4 65.9 98.9

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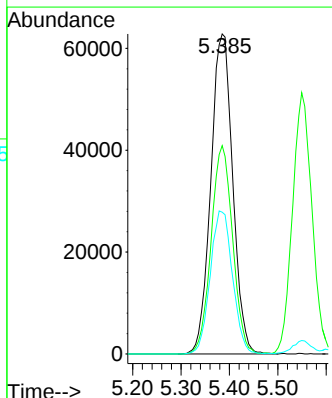
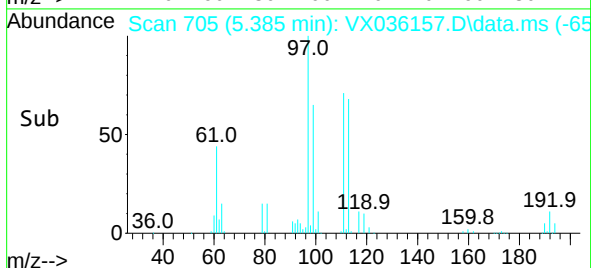
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

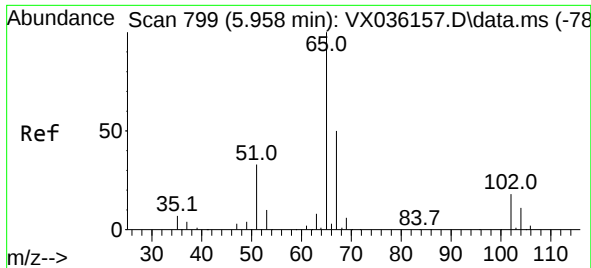


#32
1,1,1-Trichloroethane
Concen: 51.603 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36



Tgt Ion: 97 Resp: 197733
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 45.5 36.4 54.6





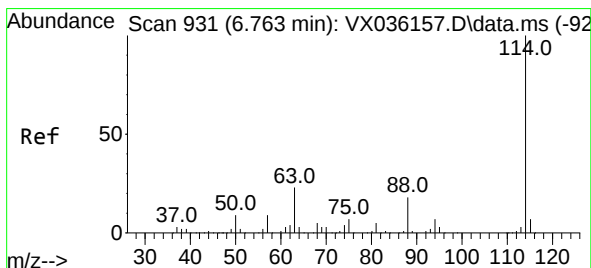
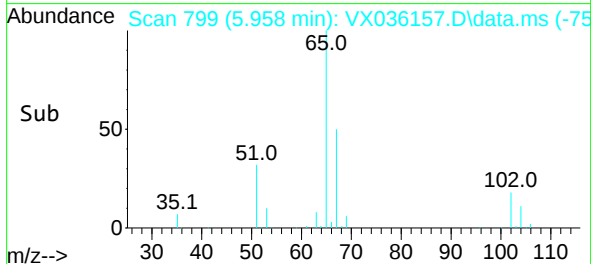
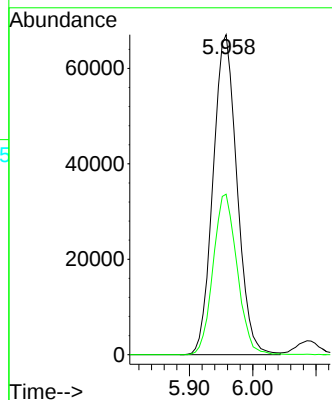
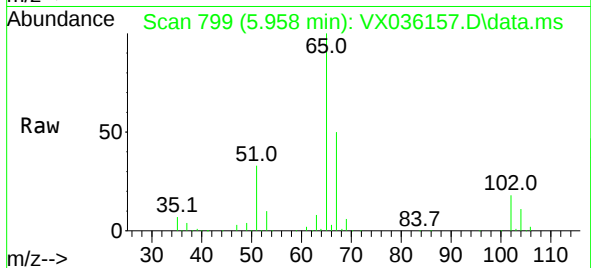
#33
1,2-Dichloroethane-d4
Concen: 50.871 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 176700
Ion Ratio Lower Upper
65 100
67 50.1 0.0 100.2

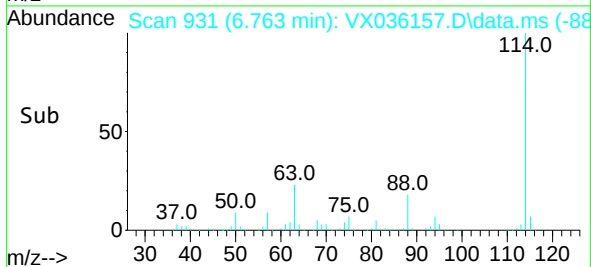
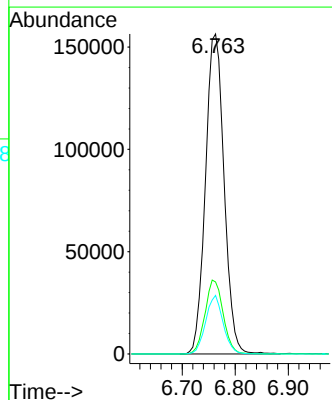
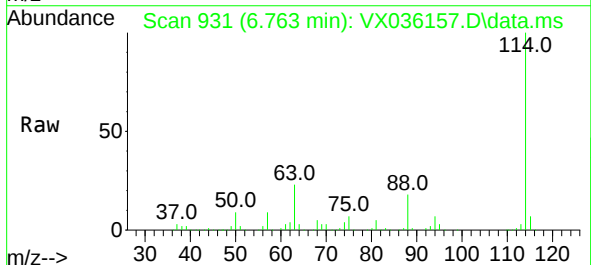
Manual Integrations
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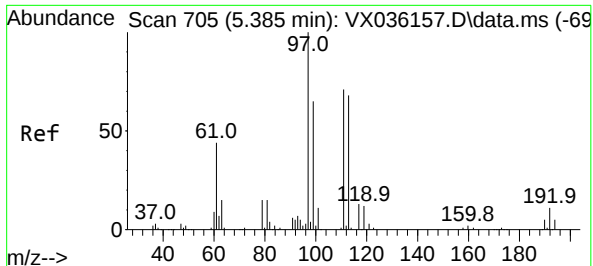
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36

Tgt Ion:114 Resp: 381242
Ion Ratio Lower Upper
114 100
63 22.5 0.0 45.0
88 18.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.458 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:113 Resp: 12421

Ion Ratio Lower Upper

113 100

111 103.6 82.9 124.3

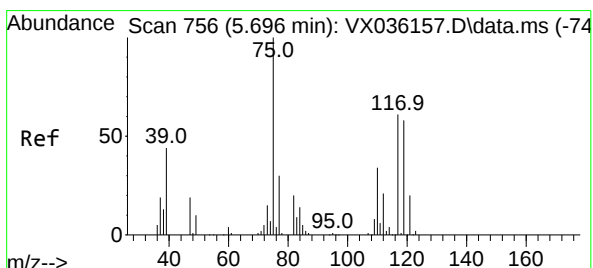
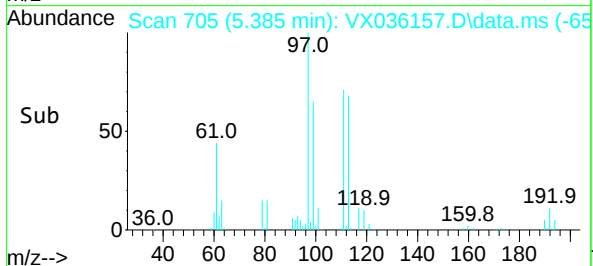
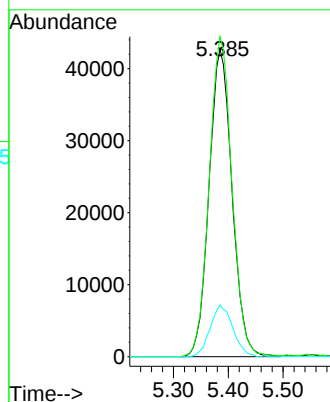
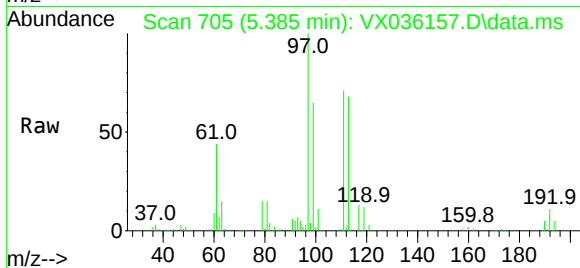
192 16.6 13.3 19.9

Manual Integrations

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Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#36

1,1-Dichloropropene

Concen: 49.411 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

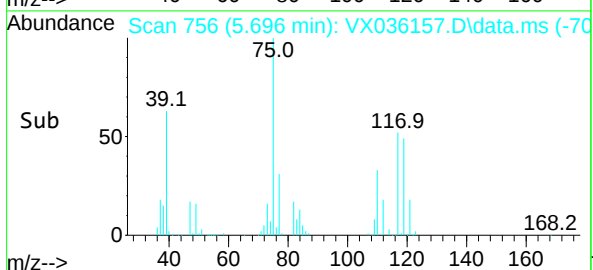
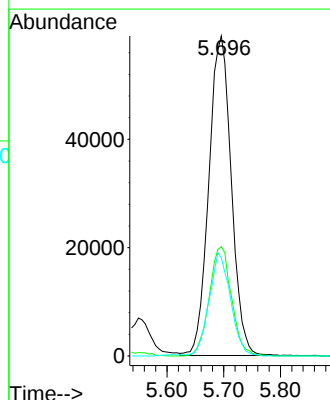
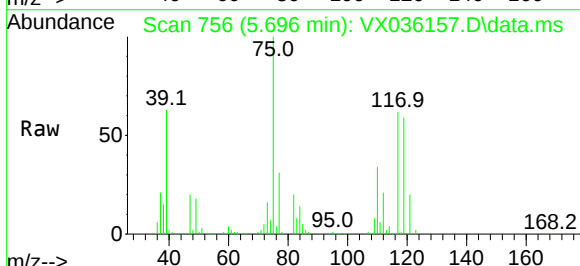
Tgt Ion: 75 Resp: 162074

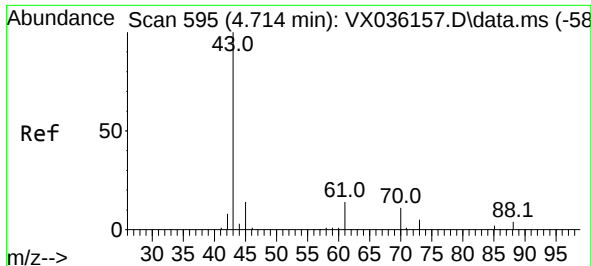
Ion Ratio Lower Upper

75 100

110 33.9 17.0 50.9

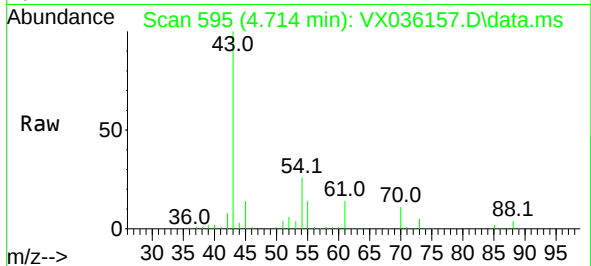
77 30.9 24.7 37.1





#37
Ethyl Acetate
Concen: 50.067 ug/l
RT: 4.714 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36

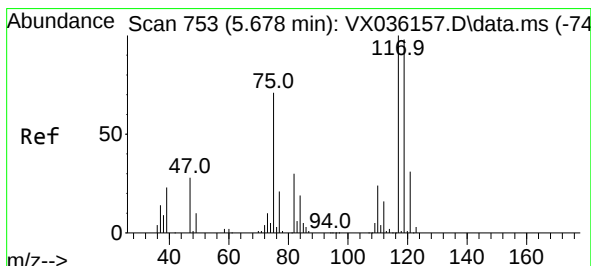
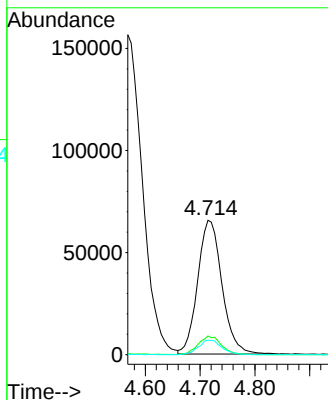
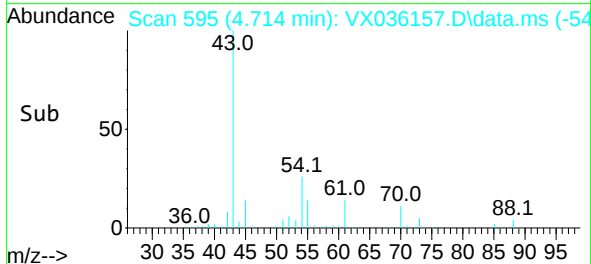
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



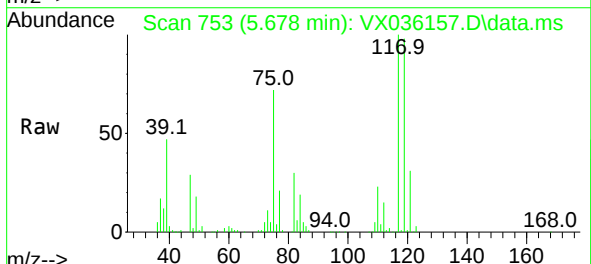
Tgt Ion: 43 Resp: 201690
Ion Ratio Lower Upper
43 100
61 13.3 10.6 16.0
70 10.4 8.3 12.5

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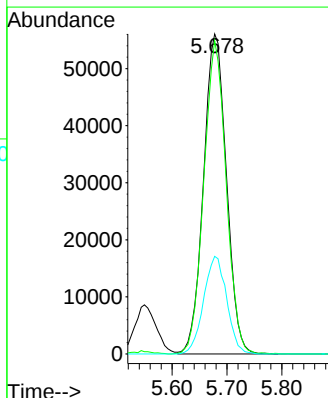
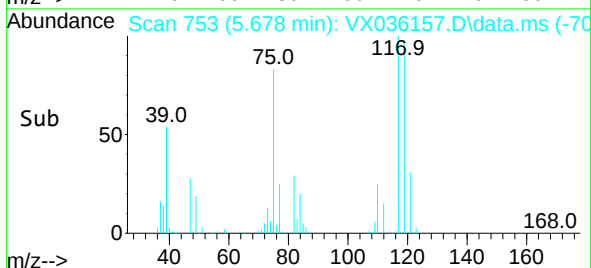
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

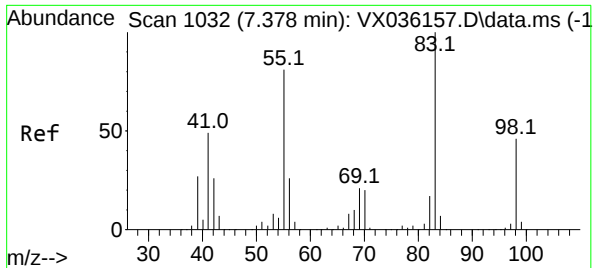


#38
Carbon Tetrachloride
Concen: 51.399 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36



Tgt Ion:117 Resp: 162755
Ion Ratio Lower Upper
117 100
119 97.7 78.2 117.2
121 30.5 24.4 36.6





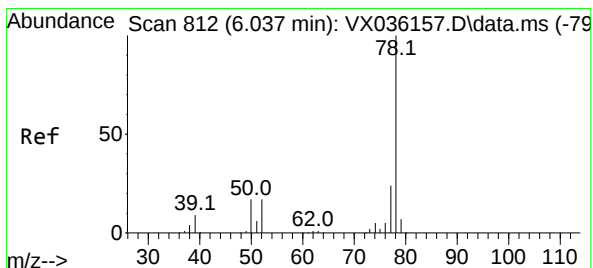
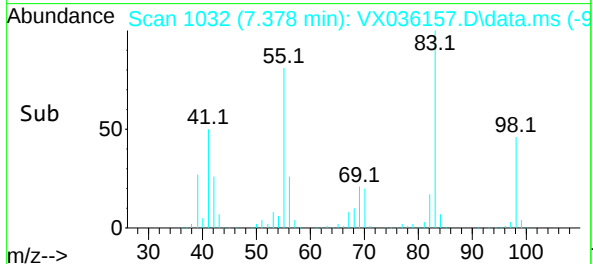
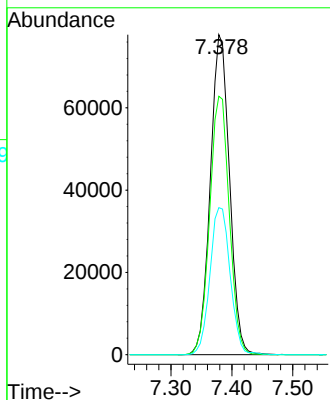
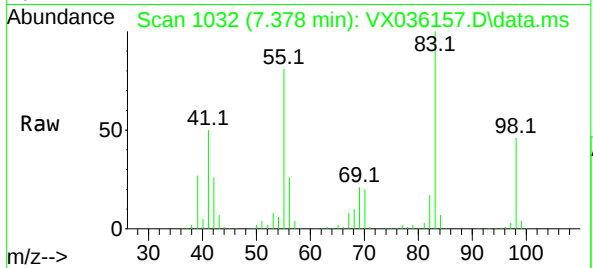
#39
Methylcyclohexane
Concen: 48.887 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 170310
Ion Ratio Lower Upper
83 100
55 80.8 64.6 97.0
98 45.9 36.7 55.1

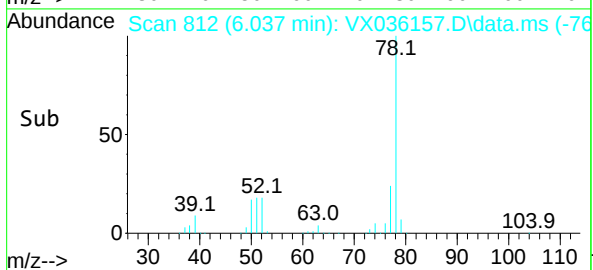
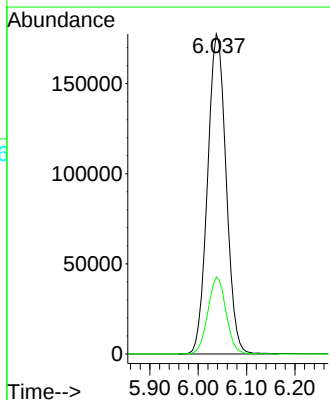
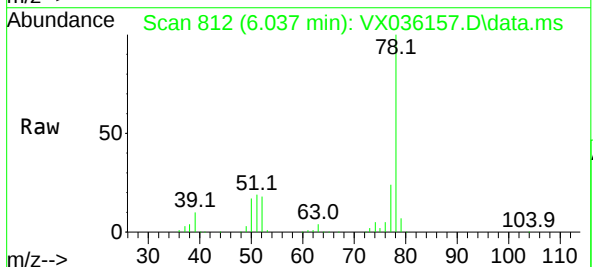
Manual Integrations
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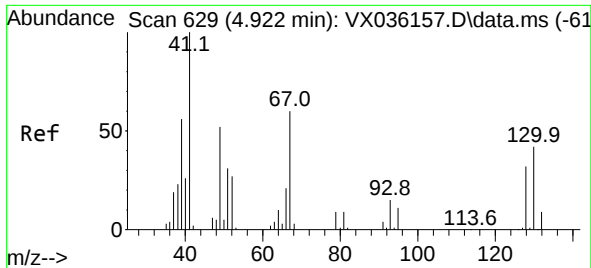
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#40
Benzene
Concen: 50.279 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36

Tgt Ion: 78 Resp: 473292
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9





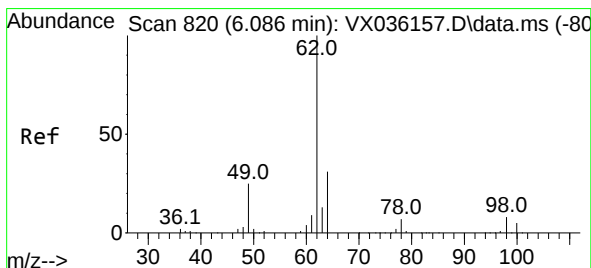
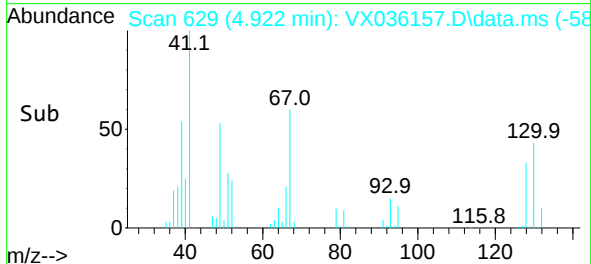
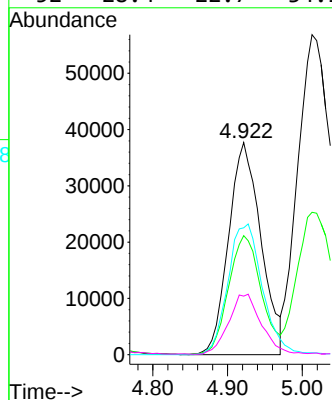
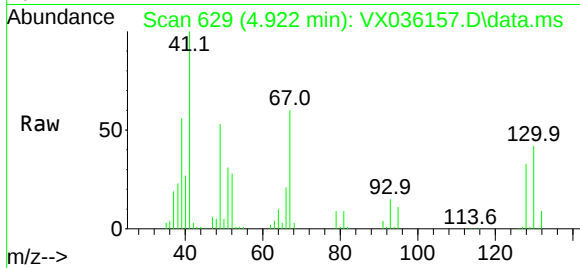
#41
Methacrylonitrile
Concen: 50.613 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 113692
Ion Ratio Lower Upper
41 100
39 56.5 45.2 67.8
67 65.7 52.6 78.8
52 28.4 22.7 34.1

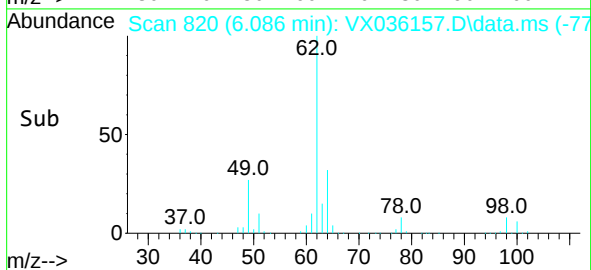
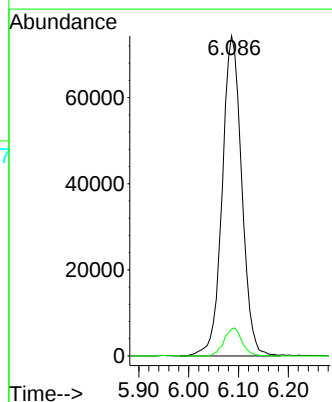
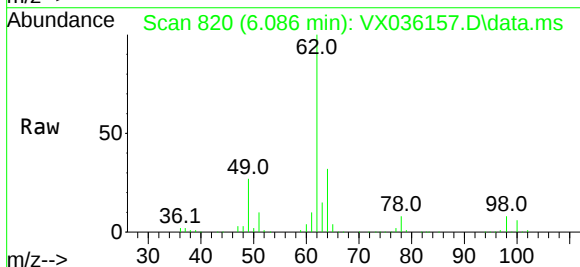
Manual Integrations
APPROVED

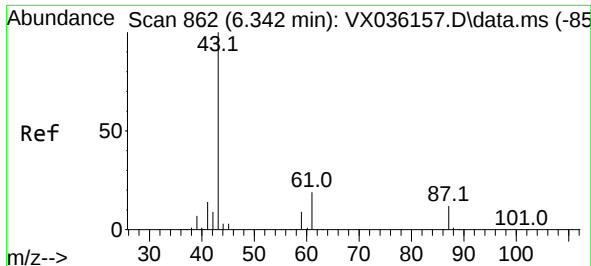
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#42
1,2-Dichloroethane
Concen: 49.763 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36

Tgt Ion: 62 Resp: 202076
Ion Ratio Lower Upper
62 100
98 8.0 0.0 16.0





#43

Isopropyl Acetate

Concen: 50.486 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 31541

Ion Ratio Lower Upper

43 100

61 19.0 15.2 22.8

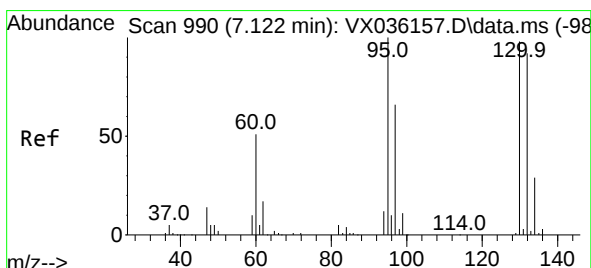
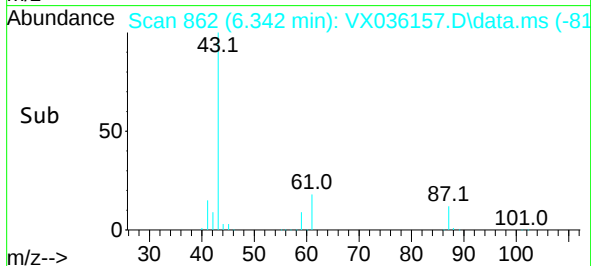
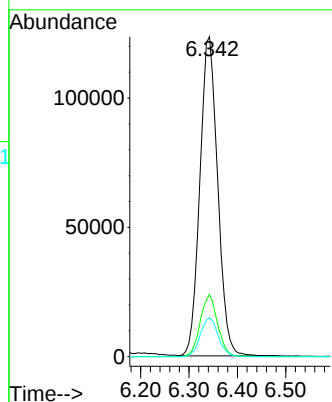
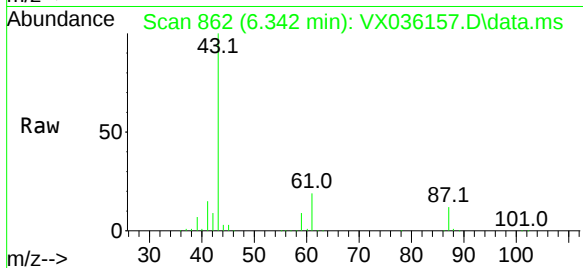
87 12.2 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#44

Trichloroethene

Concen: 49.446 ug/l

RT: 7.122 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX036157.D

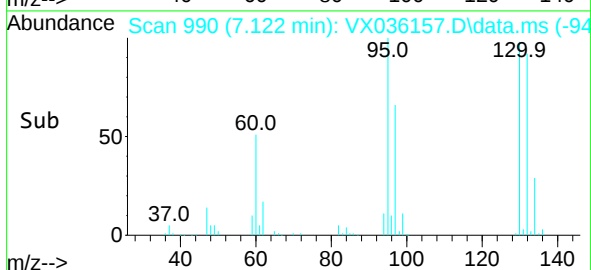
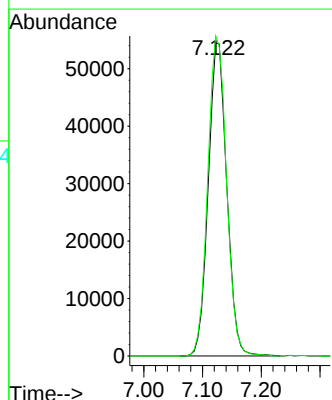
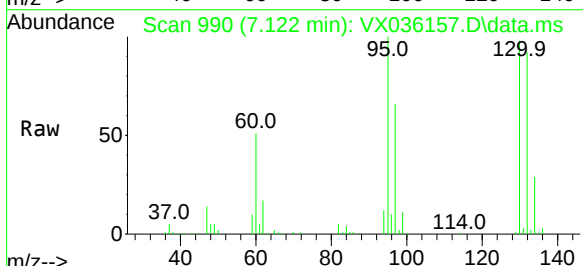
Acq: 14 Jun 2023 15:36

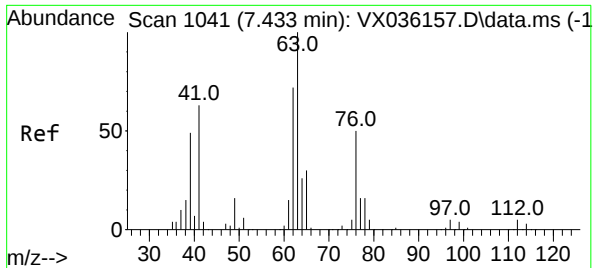
Tgt Ion:130 Resp: 119417

Ion Ratio Lower Upper

130 100

95 102.2 0.0 204.4





#45

1,2-Dichloropropane

Concen: 50.794 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 125168

Ion Ratio Lower Upper

63 100

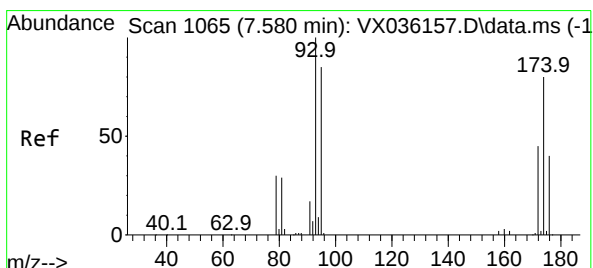
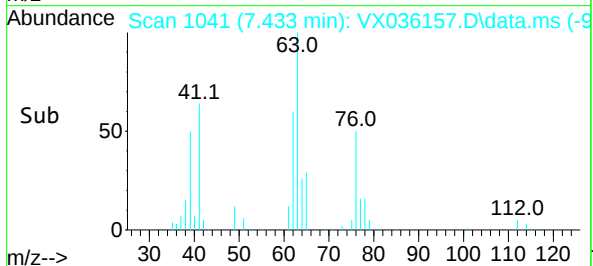
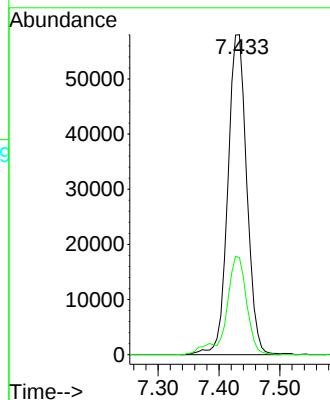
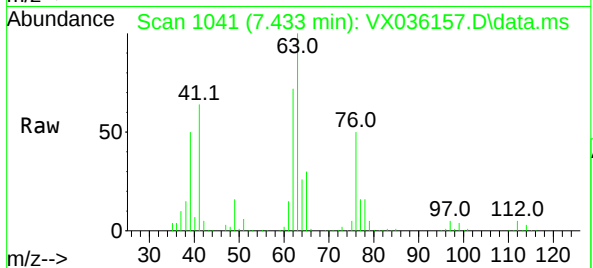
65 30.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#46

Dibromomethane

Concen: 49.705 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

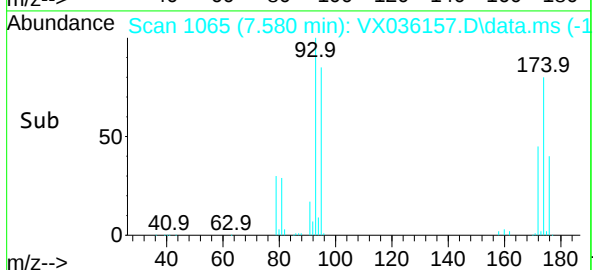
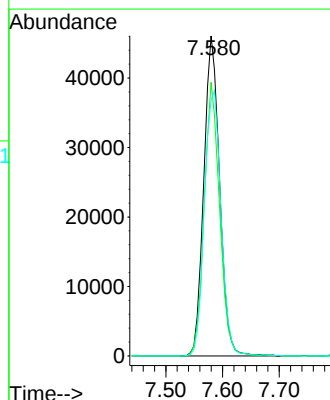
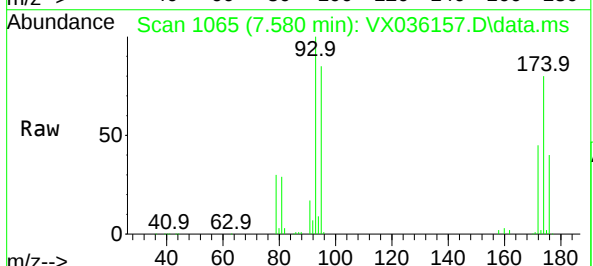
Tgt Ion: 93 Resp: 89440

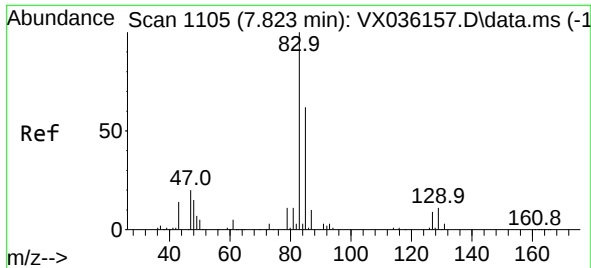
Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

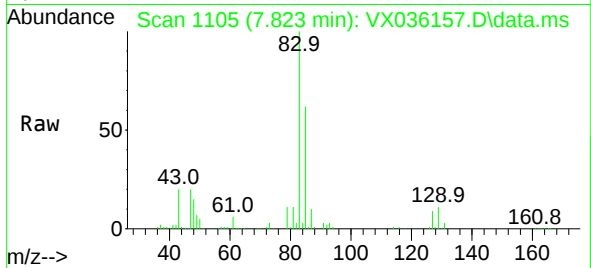
174 86.7 69.4 104.0





#47
Bromodichloromethane
Concen: 52.106 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36

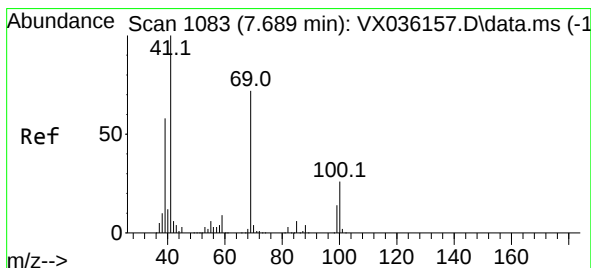
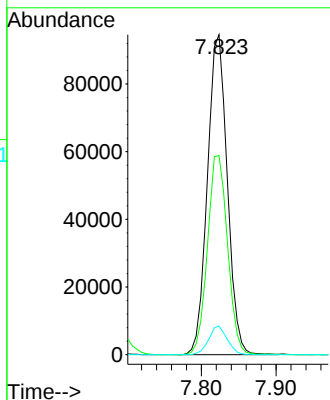
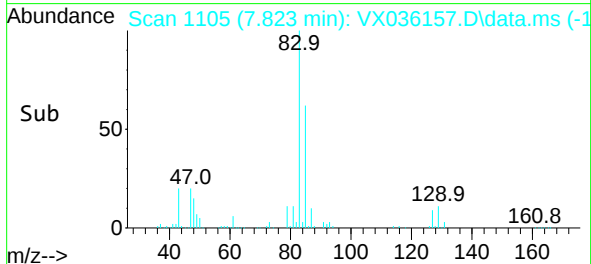
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 174864
Ion Ratio Lower Upper
83 100
85 62.2 49.8 74.6
127 8.9 7.1 10.7

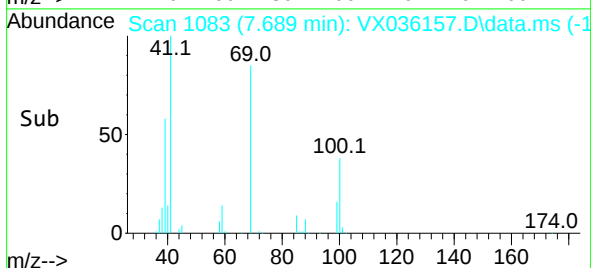
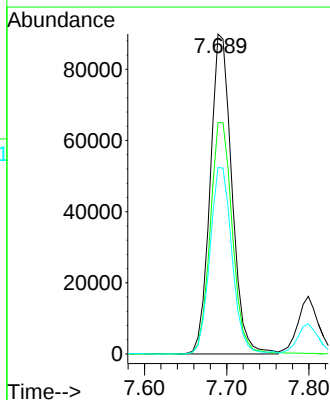
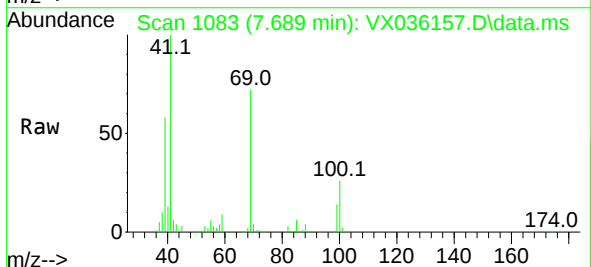
Manual Integrations
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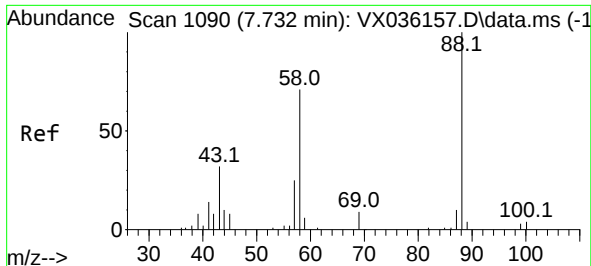
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#48
Methyl methacrylate
Concen: 52.842 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36

Tgt Ion: 41 Resp: 164354
Ion Ratio Lower Upper
41 100
69 74.0 59.2 88.8
39 59.6 47.7 71.5





#49

1,4-Dioxane

Concen: 1046.564 ug/l

RT: 7.732 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

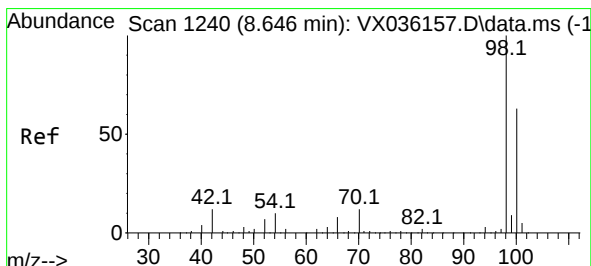
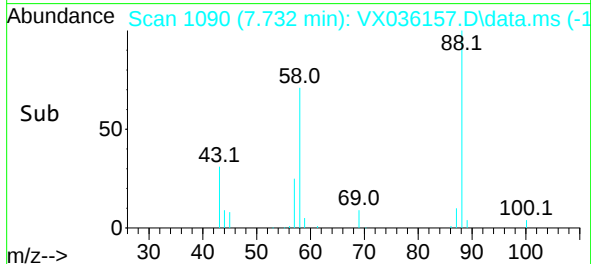
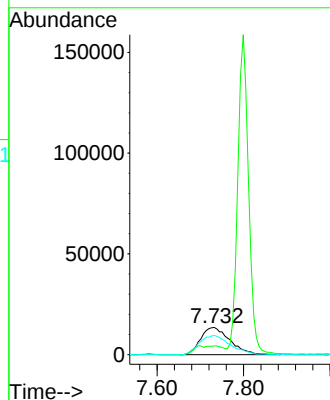
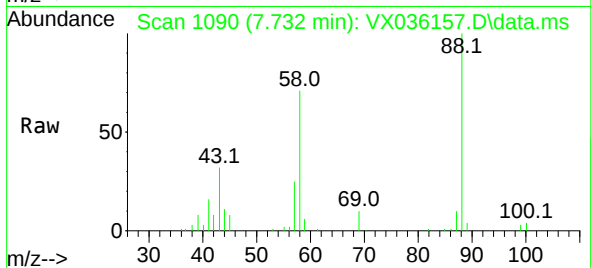
Tgt Ion: 88 Resp: 63685
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 75.1 60.1 90.1

Manual Integrations

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Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#50

Toluene-d8

Concen: 48.913 ug/l

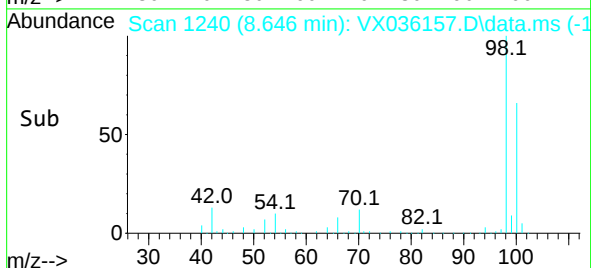
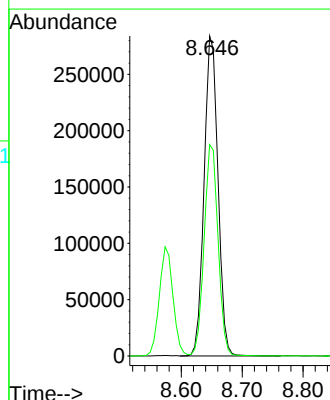
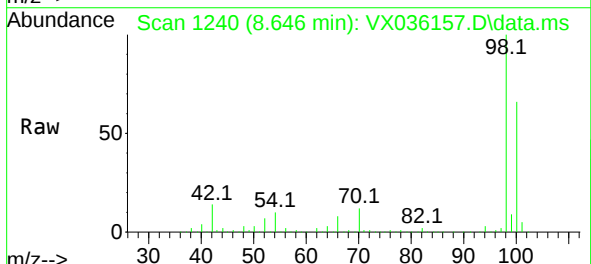
RT: 8.646 min Scan# 1240

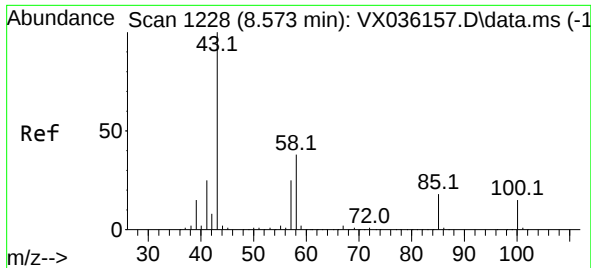
Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Tgt Ion: 98 Resp: 450084
 Ion Ratio Lower Upper
 98 100
 100 66.4 53.1 79.7





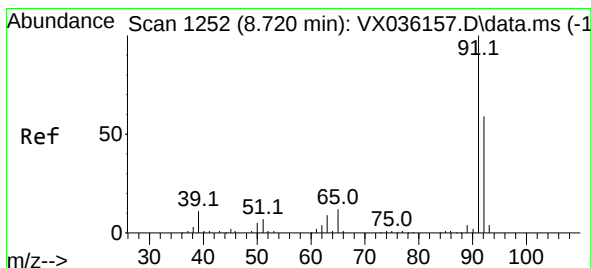
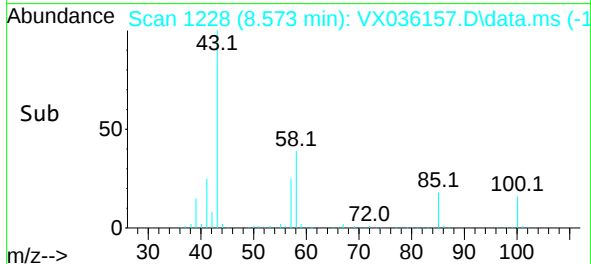
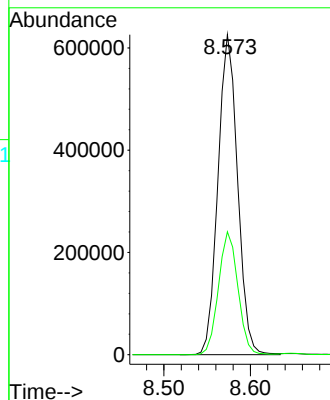
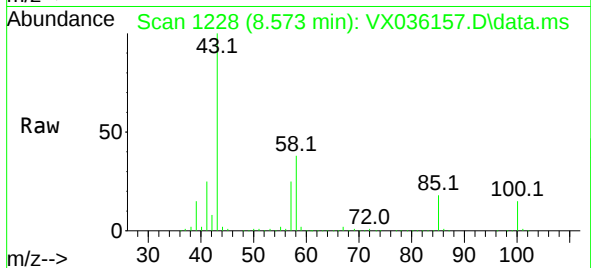
#51
4-Methyl-2-Pentanone
Concen: 261.419 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 98460
Ion Ratio Lower Upper
43 100
58 38.0 30.4 45.6

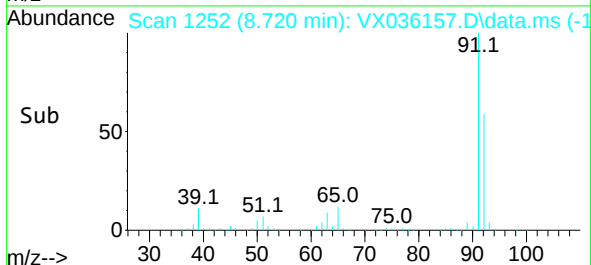
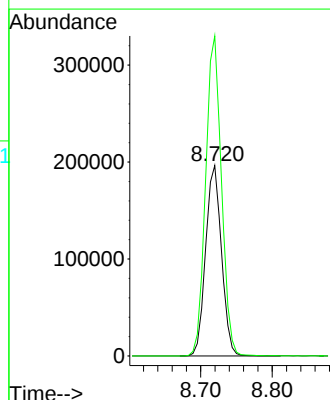
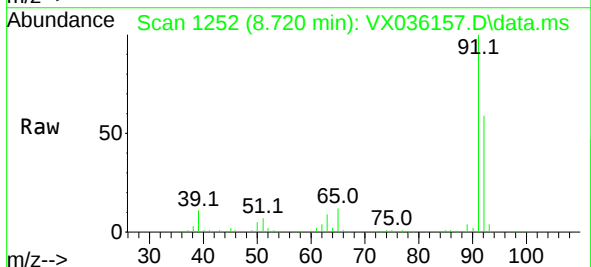
Manual Integrations
APPROVED

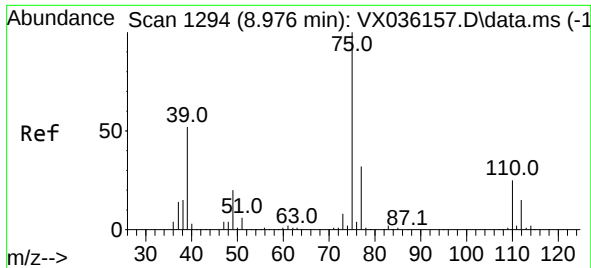
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#52
Toluene
Concen: 51.123 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36

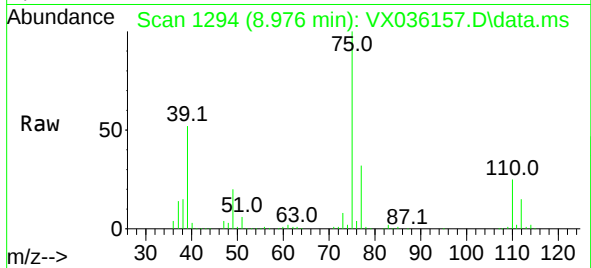
Tgt Ion: 92 Resp: 302589
Ion Ratio Lower Upper
92 100
91 167.7 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 53.164 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36

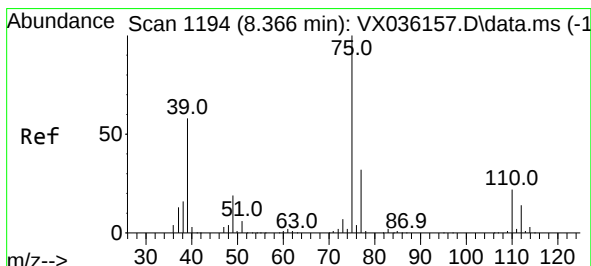
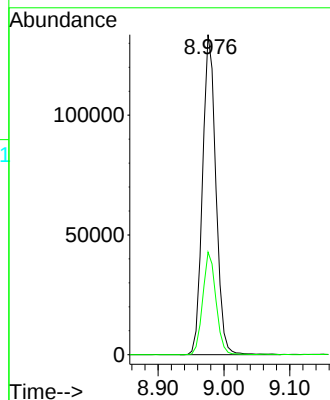
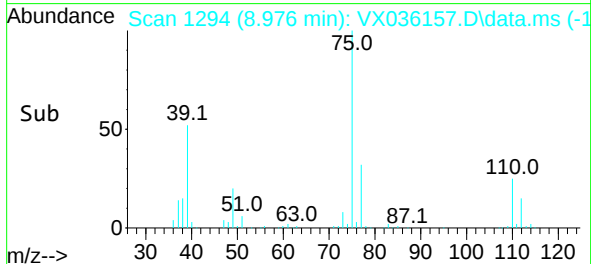
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



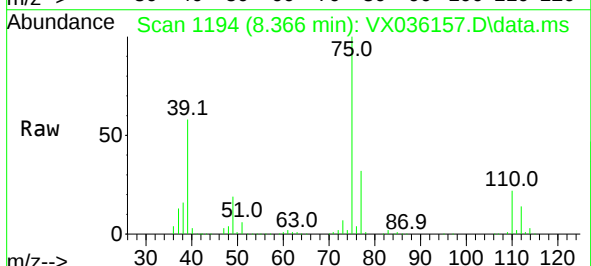
Tgt Ion: 75 Resp: 188630
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5

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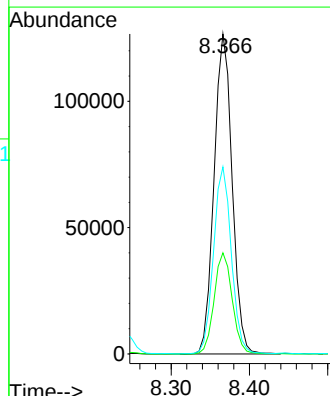
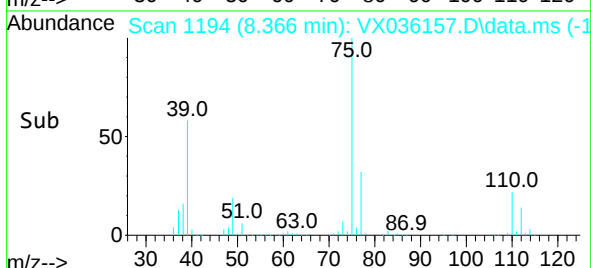
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

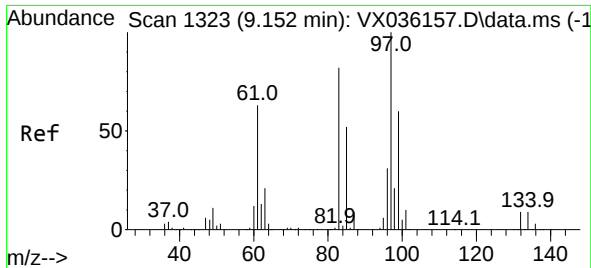


#54
cis-1,3-Dichloropropene
Concen: 52.714 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36



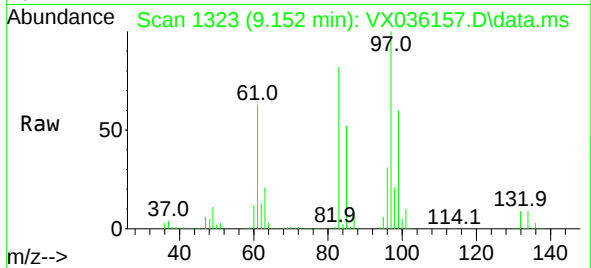
Tgt Ion: 75 Resp: 203031
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9
39 58.4 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 50.650 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36

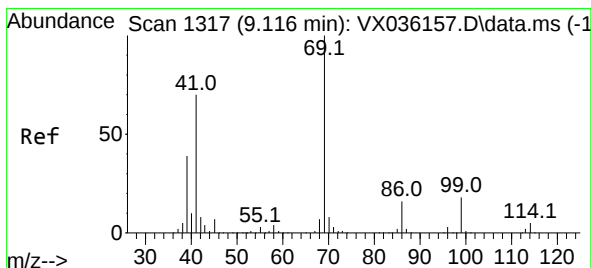
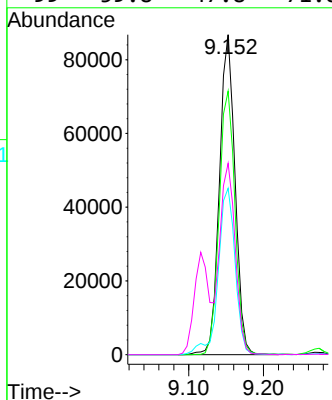
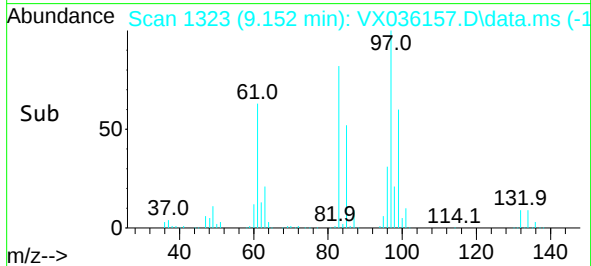
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



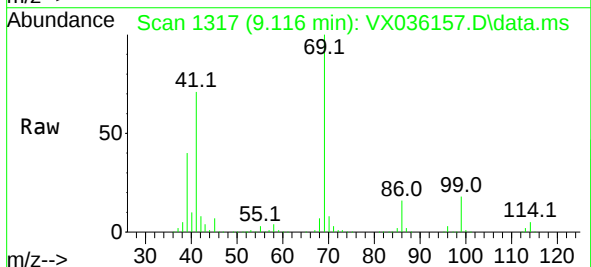
Tgt Ion: 97 Resp: 125799
Ion Ratio Lower Upper
97 100
83 82.3 65.8 98.8
85 52.0 41.6 62.4
99 59.8 47.8 71.8

Manual Integrations
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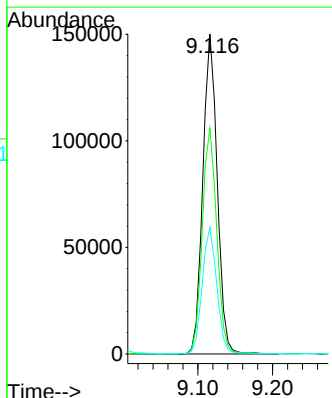
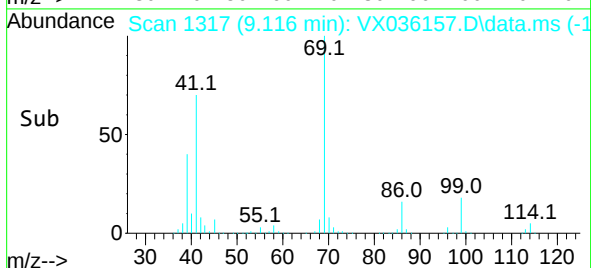
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

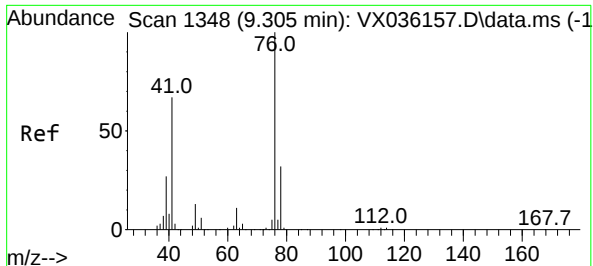


#56
Ethyl methacrylate
Concen: 52.370 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36



Tgt Ion: 69 Resp: 201029
Ion Ratio Lower Upper
69 100
41 71.0 56.8 85.2
39 40.0 32.0 48.0





#57

1,3-Dichloropropane

Concen: 50.774 ug/l

RT: 9.305 min Scan# 1348

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 217794

Ion Ratio Lower Upper

76 100

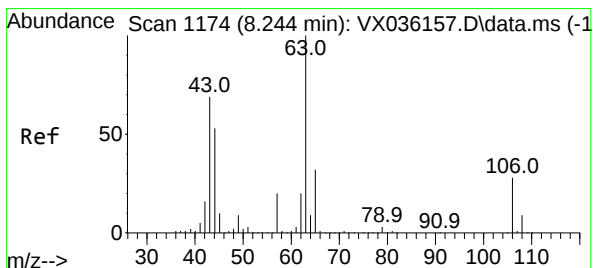
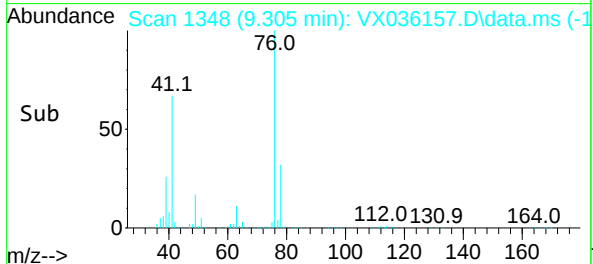
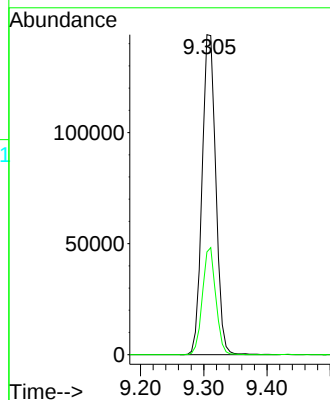
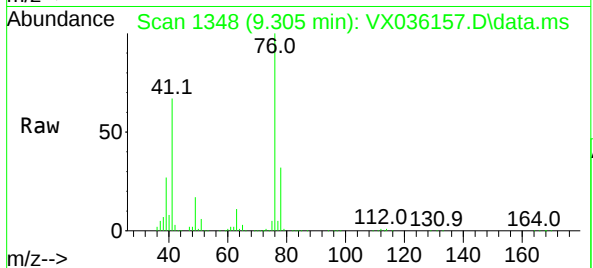
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#58

2-Chloroethyl Vinyl ether

Concen: 256.579 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX036157.D

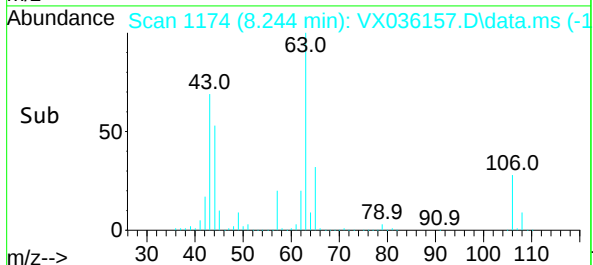
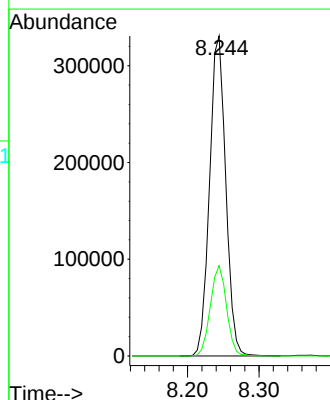
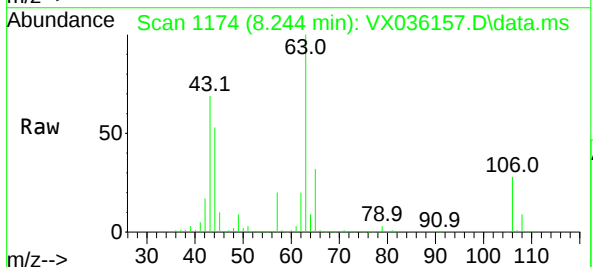
Acq: 14 Jun 2023 15:36

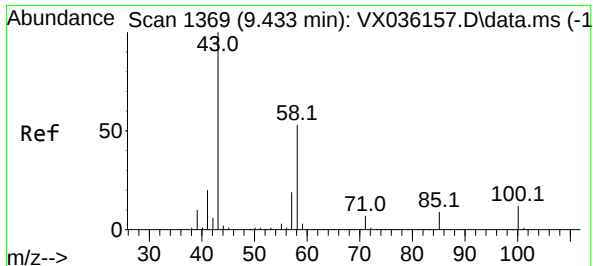
Tgt Ion: 63 Resp: 520008

Ion Ratio Lower Upper

63 100

106 28.1 22.5 33.7





#59

2-Hexanone

Concen: 265.841 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 74278

Ion Ratio Lower Upper

43 100

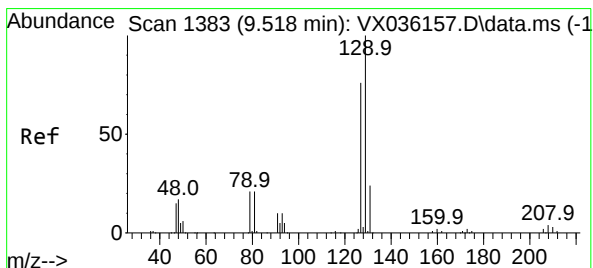
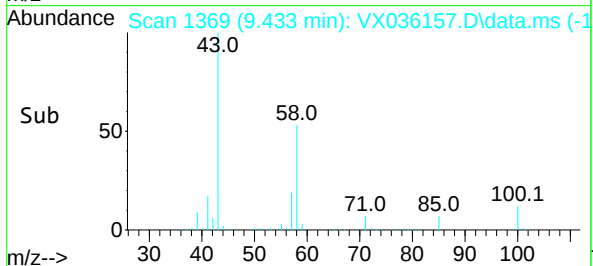
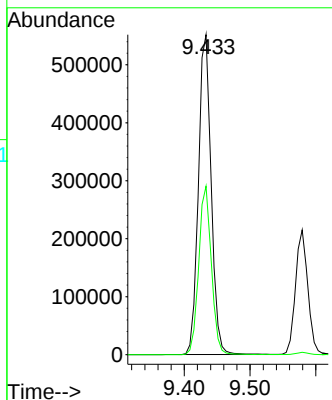
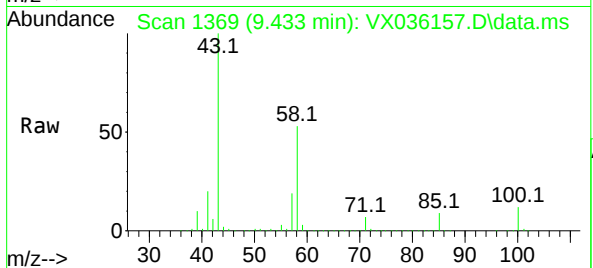
58 52.3 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#60

Dibromochloromethane

Concen: 52.947 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX036157.D

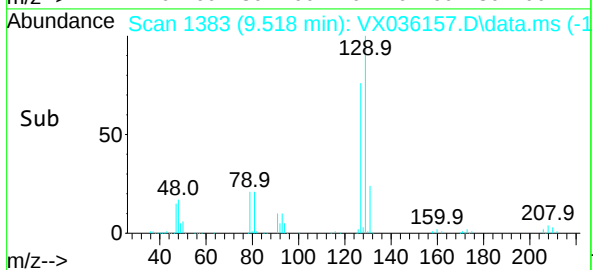
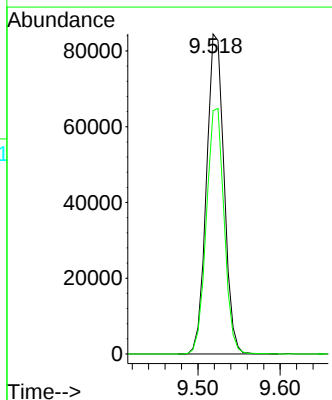
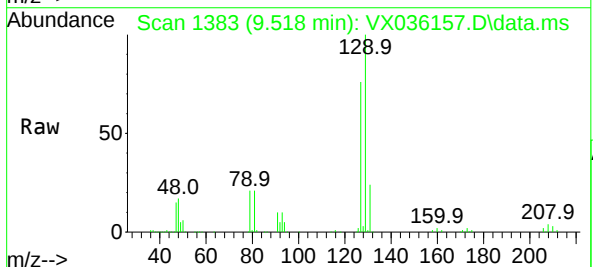
Acq: 14 Jun 2023 15:36

Tgt Ion:129 Resp: 125168

Ion Ratio Lower Upper

129 100

127 77.6 38.8 116.4





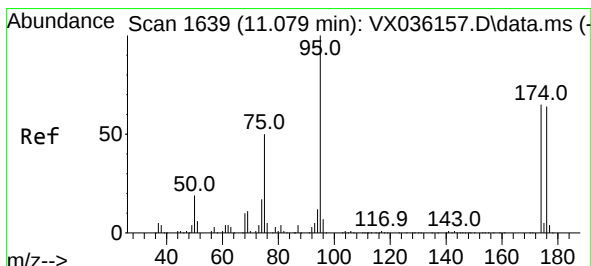
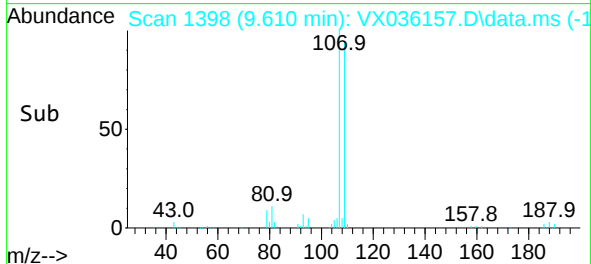
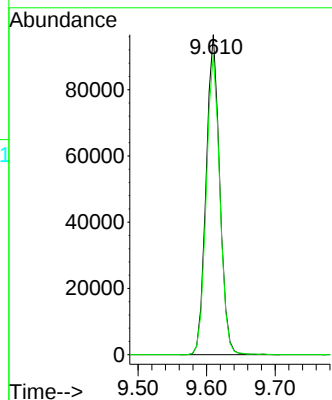
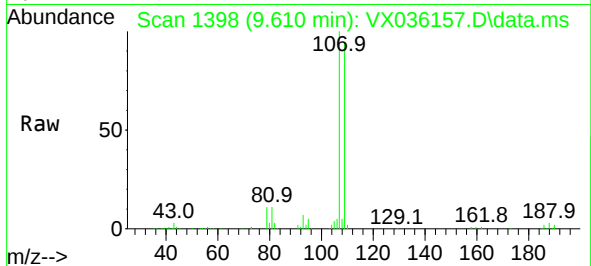
#61
1,2-Dibromoethane
Concen: 51.184 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 133312
Ion Ratio Lower Upper
107 100
109 94.0 75.2 112.8

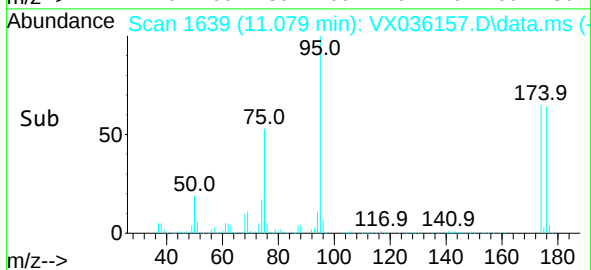
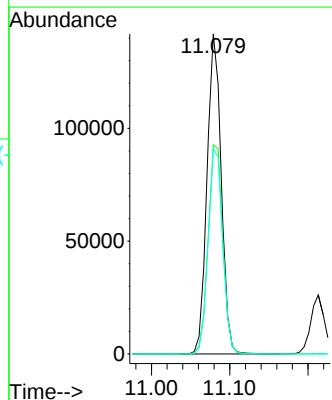
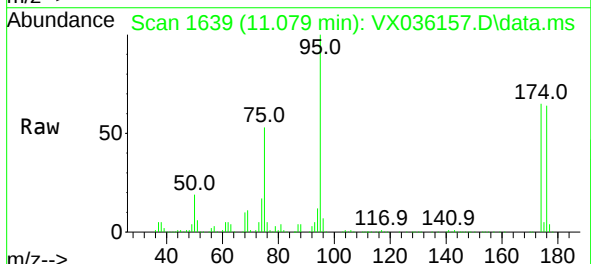
Manual Integrations
APPROVED

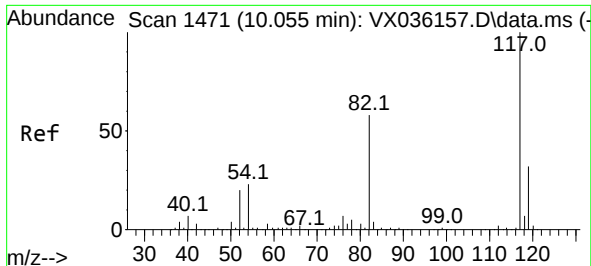
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#62
4-Bromofluorobenzene
Concen: 45.970 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36

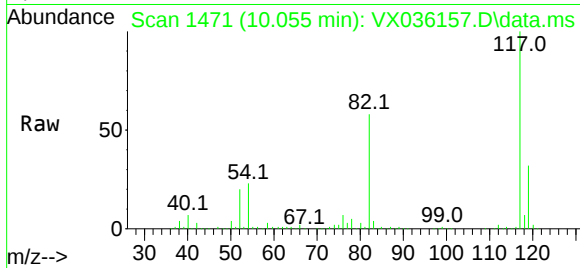
Tgt Ion: 95 Resp: 177746
Ion Ratio Lower Upper
95 100
174 67.8 0.0 135.6
176 65.5 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36

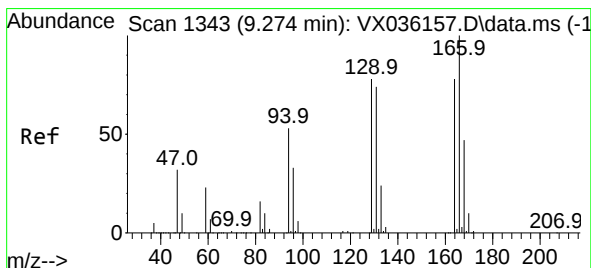
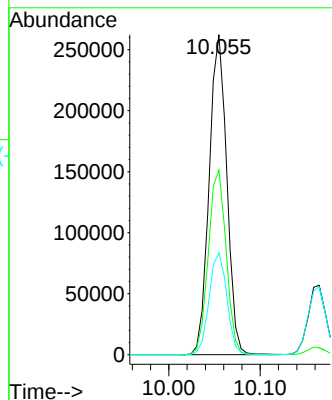
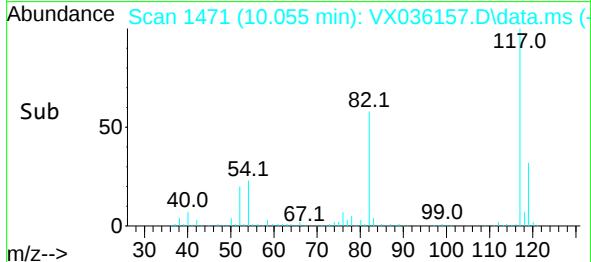
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 350049
Ion Ratio Lower Upper
117 100
82 57.8 46.2 69.4
119 31.9 25.5 38.3

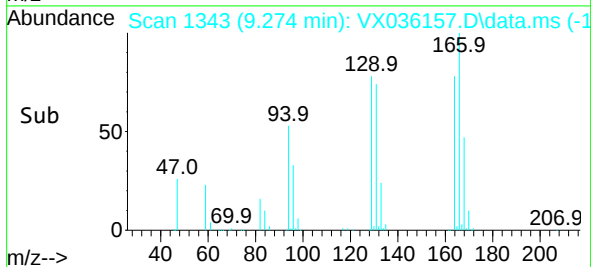
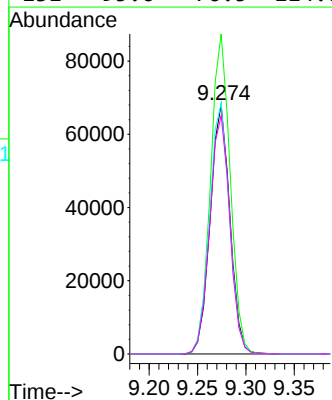
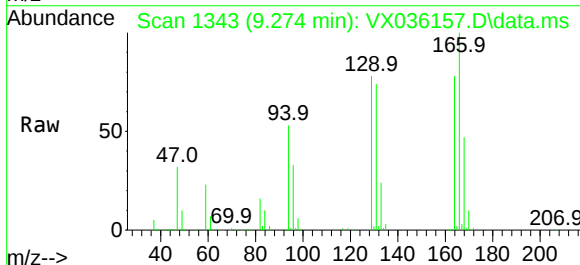
Manual Integrations
APPROVED

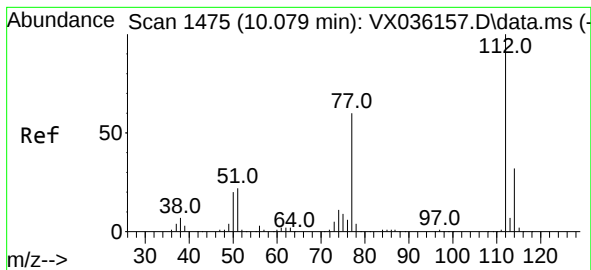
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#64
Tetrachloroethene
Concen: 50.312 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36

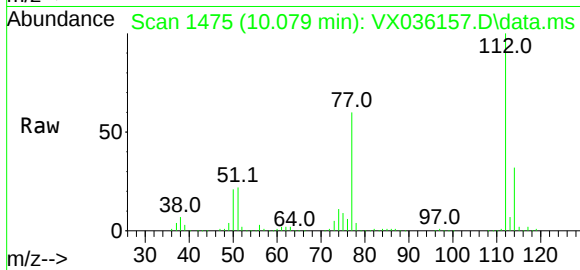
Tgt Ion:164 Resp: 96487
Ion Ratio Lower Upper
164 100
166 128.4 102.7 154.1
129 100.5 80.4 120.6
131 95.6 76.5 114.7





#65
Chlorobenzene
Concen: 50.458 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36

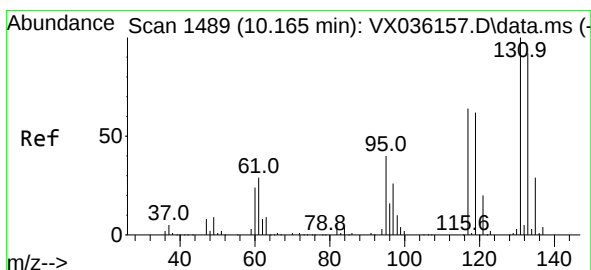
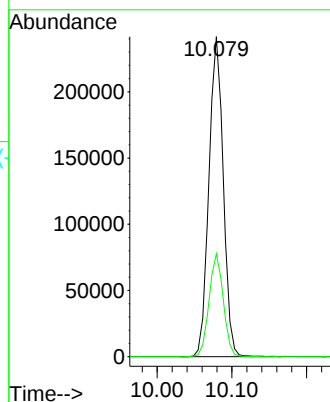
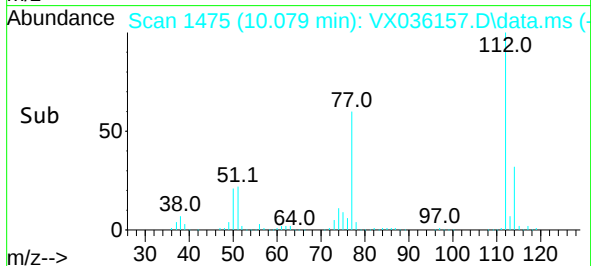
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



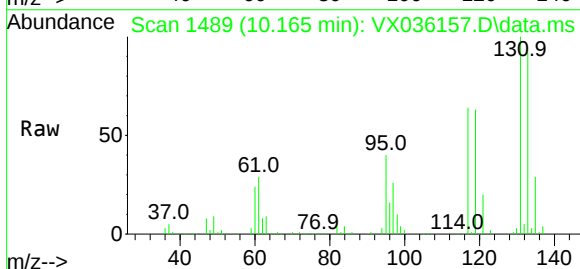
Tgt Ion:112 Resp: 322304
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

Manual Integrations
APPROVED

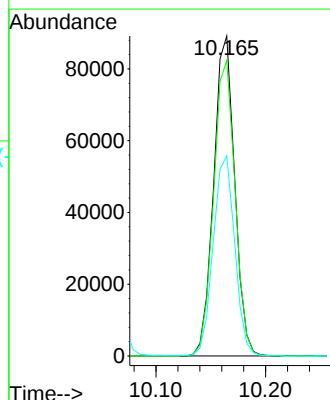
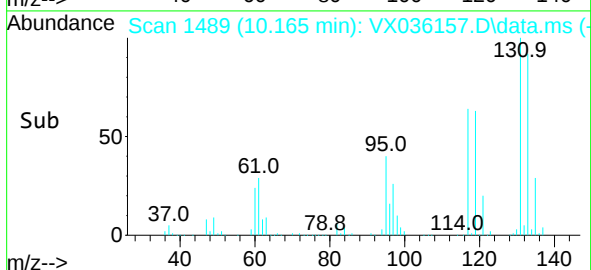
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

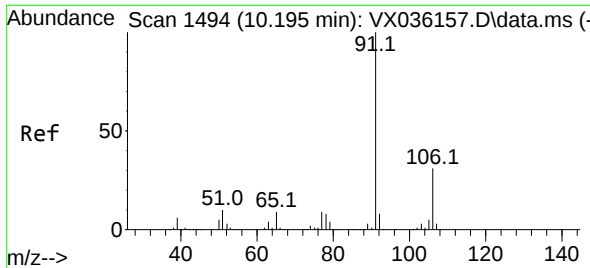


#66
1,1,1,2-Tetrachloroethane
Concen: 52.814 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36



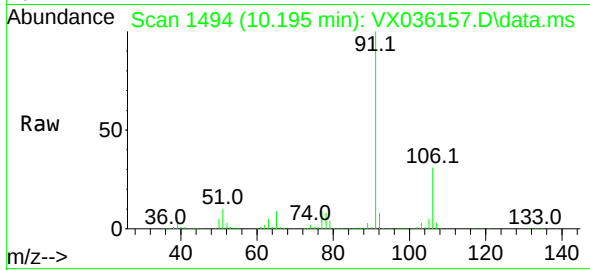
Tgt Ion:131 Resp: 118685
Ion Ratio Lower Upper
131 100
133 94.3 47.1 141.4
119 64.4 32.2 96.6





#67
Ethyl Benzene
Concen: 51.668 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36

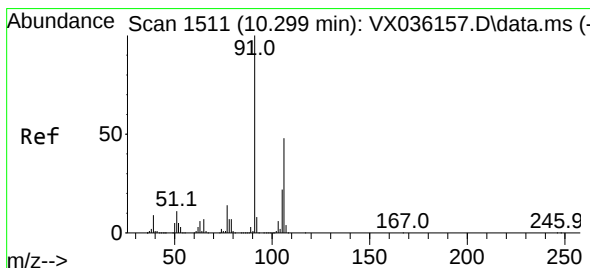
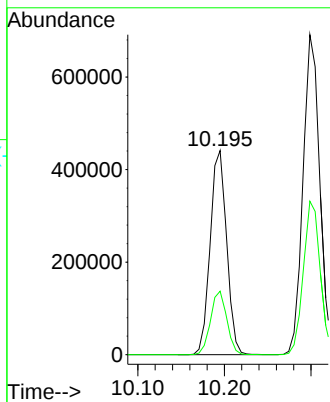
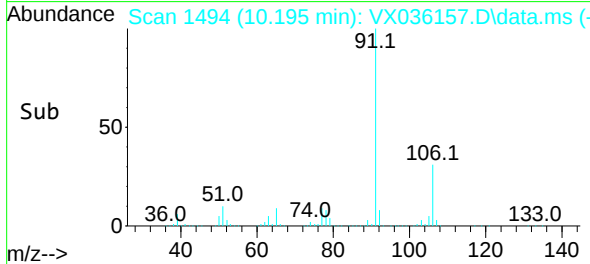
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



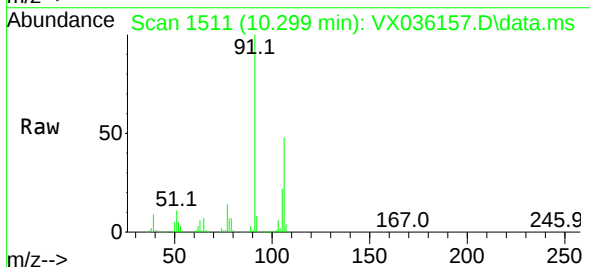
Tgt Ion: 91 Resp: 582940
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

Manual Integrations
APPROVED

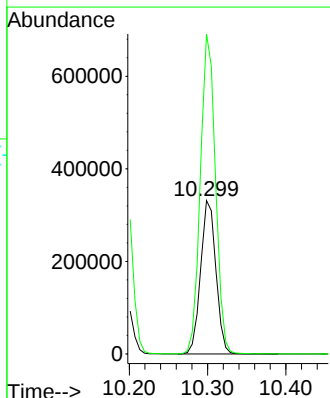
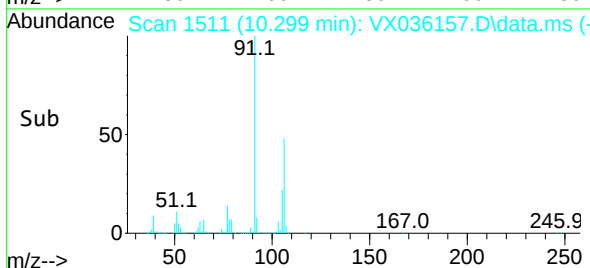
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

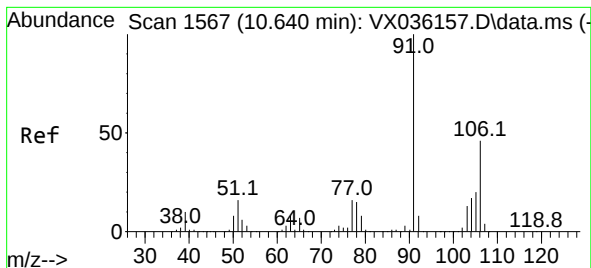


#68
m/p-Xylenes
Concen: 104.085 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36



Tgt Ion:106 Resp: 447889
Ion Ratio Lower Upper
106 100
91 206.9 165.5 248.3





#69

o-Xylene

Concen: 52.563 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:106 Resp: 22325

Ion Ratio Lower Upper

106 100

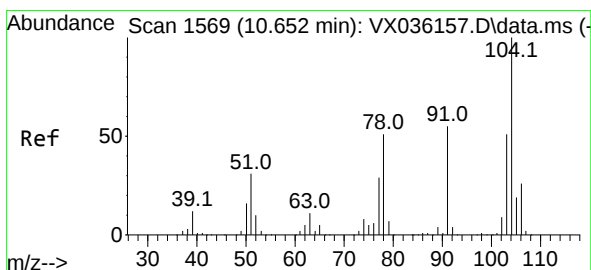
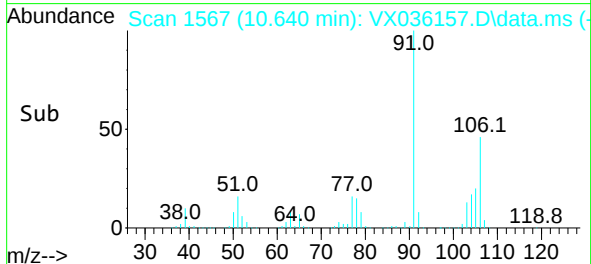
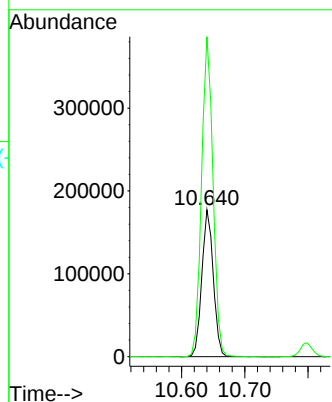
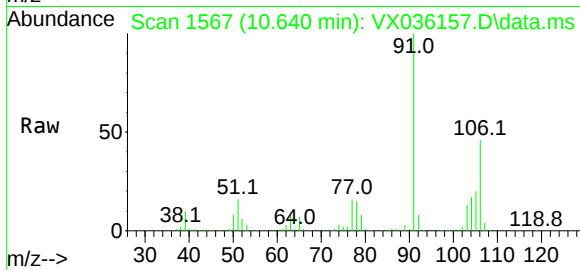
91 217.9 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#70

Styrene

Concen: 53.152 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

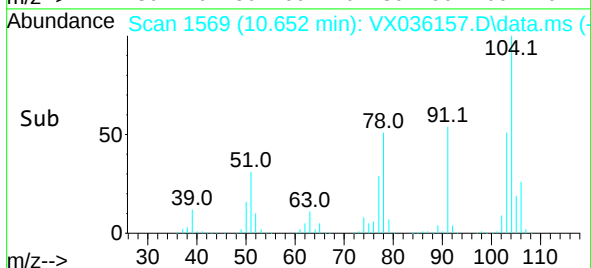
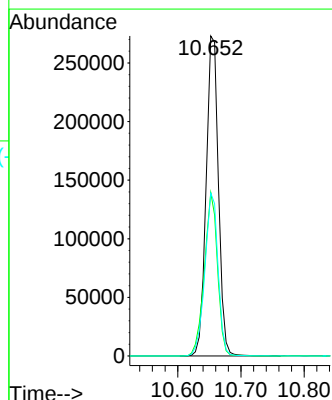
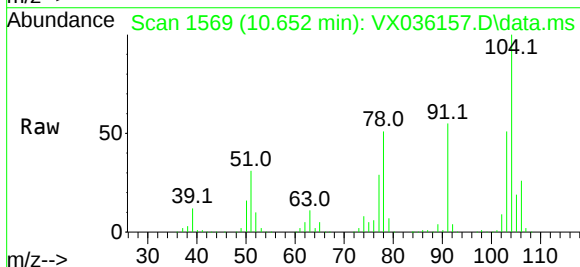
Tgt Ion:104 Resp: 370465

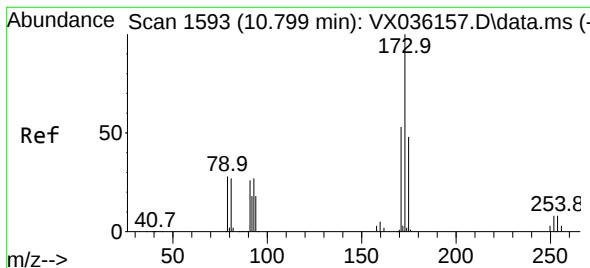
Ion Ratio Lower Upper

104 100

78 54.5 43.6 65.4

103 54.5 43.6 65.4





#71

Bromoform

Concen: 44.645 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

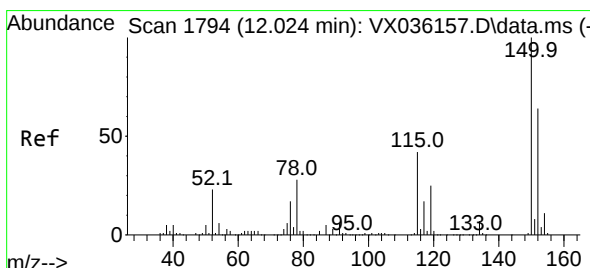
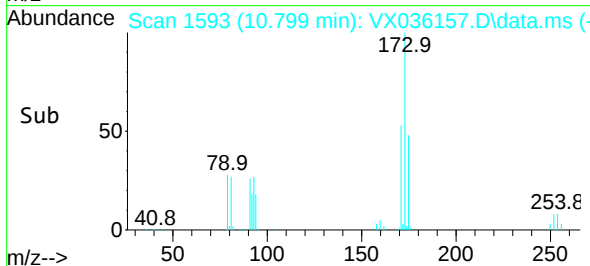
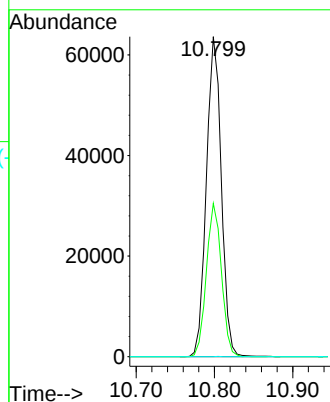
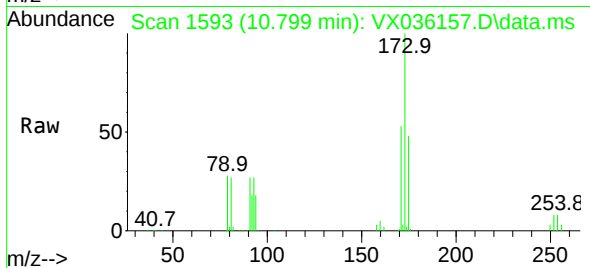
Tgt Ion:	173	Resp:	8411
Ion Ratio	Lower	Upper	
173	100		
175	48.3	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

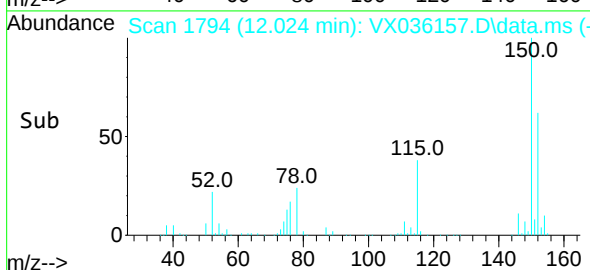
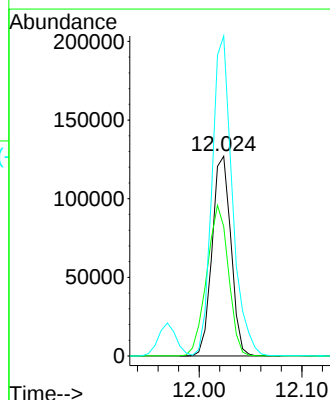
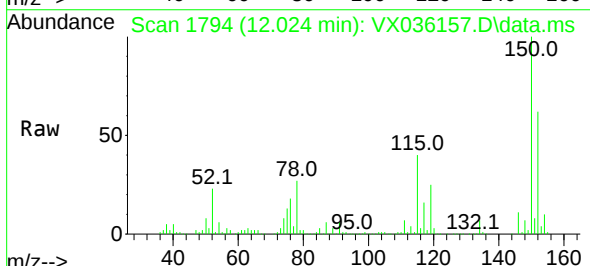
RT: 12.024 min Scan# 1794

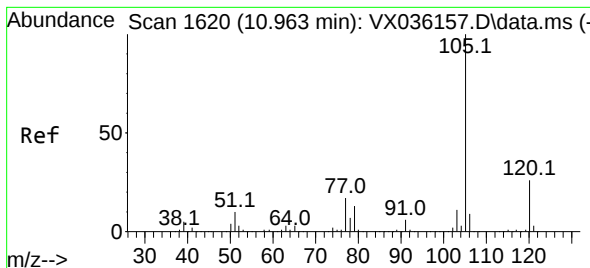
Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Tgt Ion:	152	Resp:	161198
Ion Ratio	Lower	Upper	
152	100		
115	86.6	43.3	129.9
150	172.5	0.0	345.0





#73

Isopropylbenzene

Concen: 51.913 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 56862

Ion Ratio Lower Upper

105 100

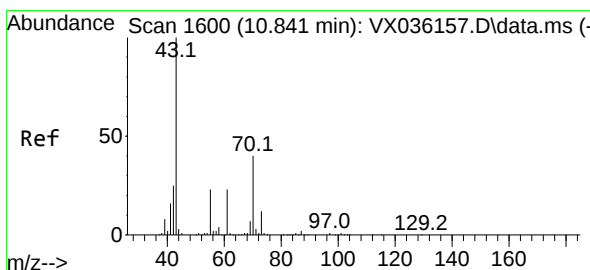
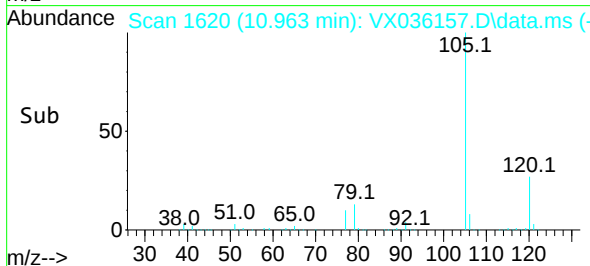
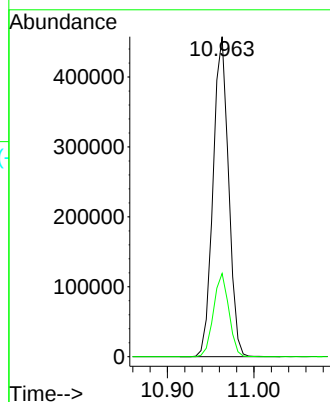
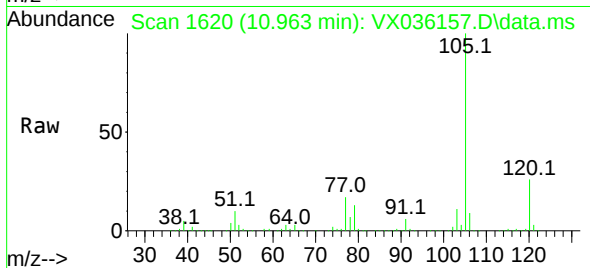
120 25.7 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#74

N-ethyl acetate

Concen: 53.345 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Tgt Ion: 43 Resp: 265771

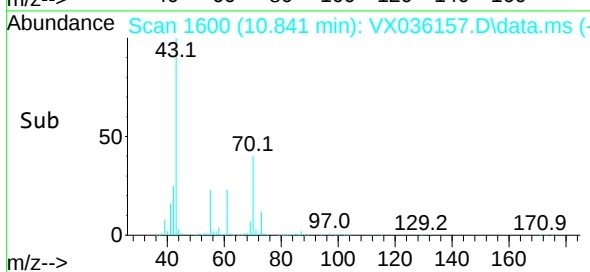
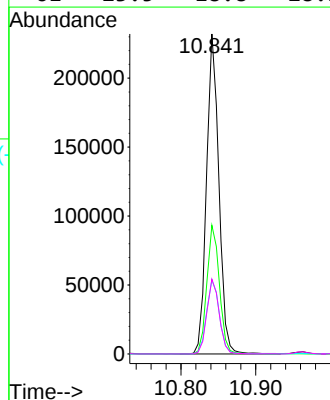
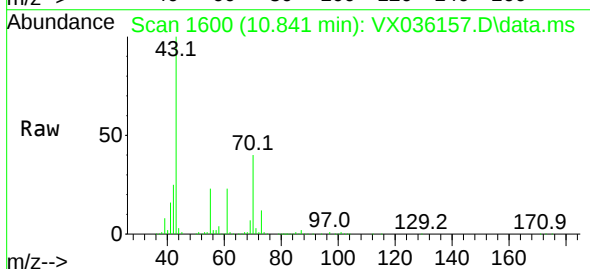
Ion Ratio Lower Upper

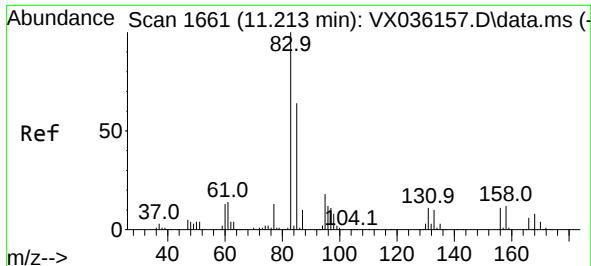
43 100

70 41.1 32.9 49.3

55 24.1 19.3 28.9

61 23.5 18.8 28.2





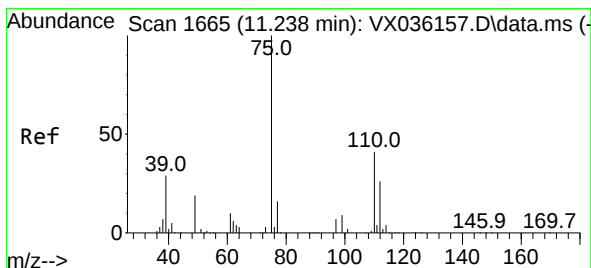
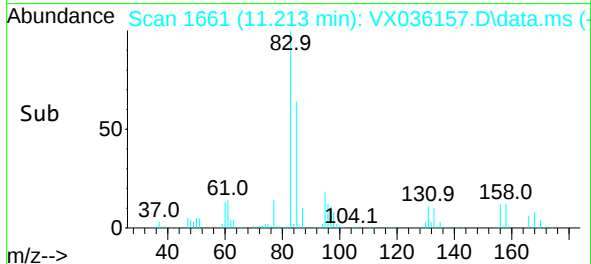
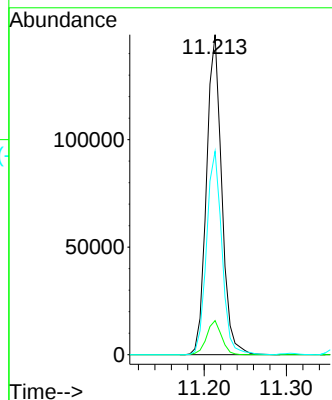
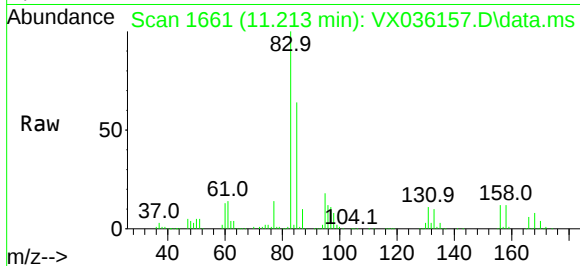
#75
1,1,2,2-Tetrachloroethane
Concen: 51.075 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 191120
Ion Ratio Lower Upper
83 100
131 10.5 5.3 15.8
85 64.1 32.0 96.2

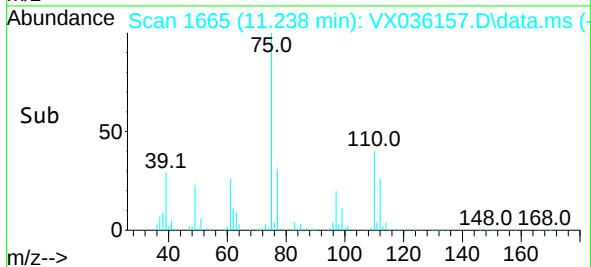
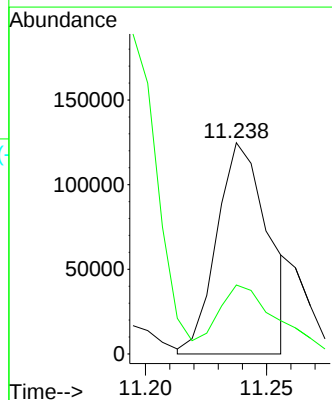
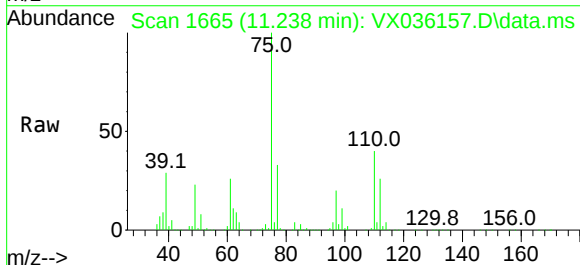
Manual Integrations
APPROVED

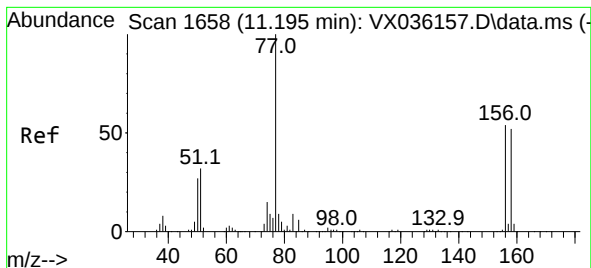
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#76
1,2,3-Trichloropropane
Concen: 50.829 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36

Tgt Ion: 75 Resp: 183245
Ion Ratio Lower Upper
75 100
77 38.3 19.1 57.5





#77

Bromobenzene

Concen: 52.356 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:156 Resp: 134590

Ion Ratio Lower Upper

156 100

77 176.9 88.4 265.3

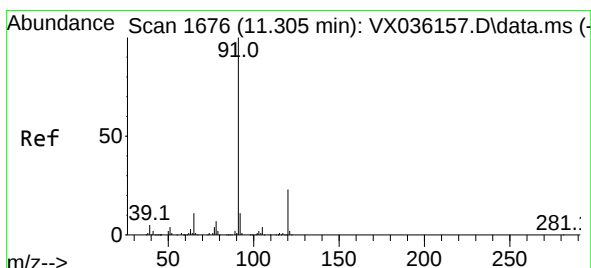
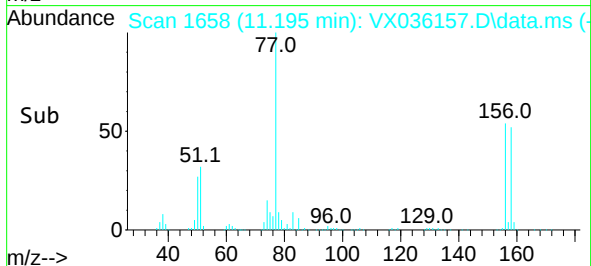
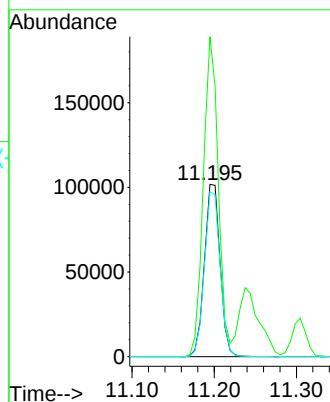
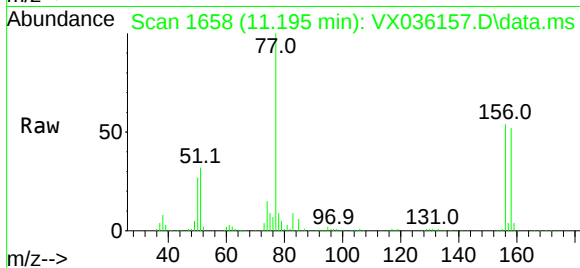
158 96.0 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#78

n-propylbenzene

Concen: 51.192 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX036157.D

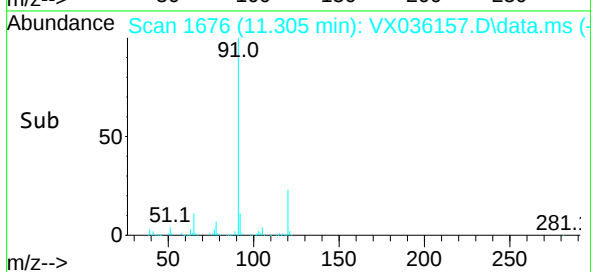
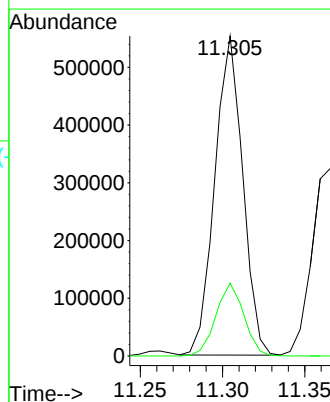
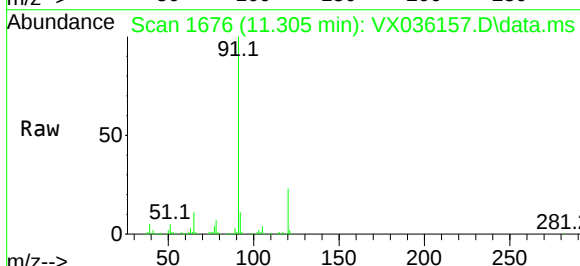
Acq: 14 Jun 2023 15:36

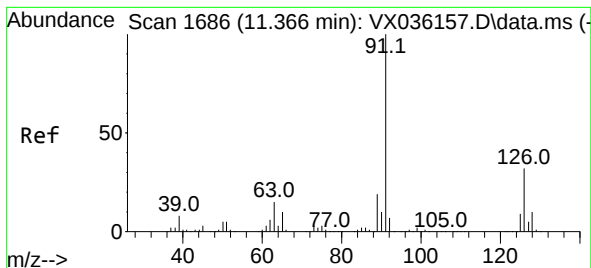
Tgt Ion: 91 Resp: 652712

Ion Ratio Lower Upper

91 100

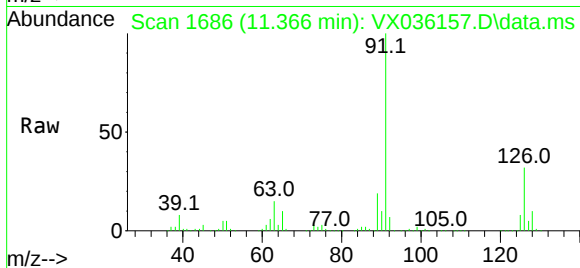
120 22.9 11.5 34.4





#79
2-Chlorotoluene
Concen: 50.451 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36

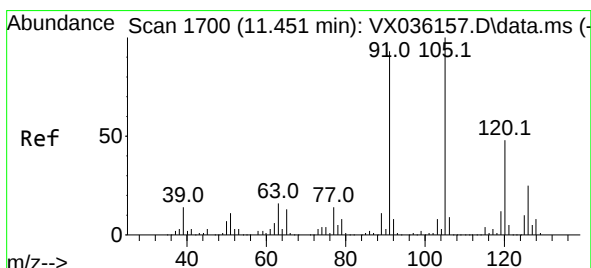
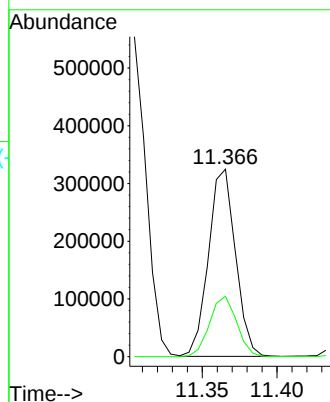
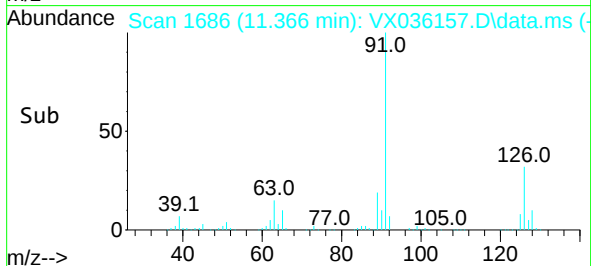
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



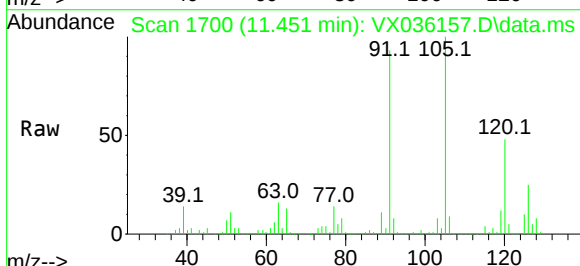
Tgt Ion: 91 Resp: 407338
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.8

Manual Integrations
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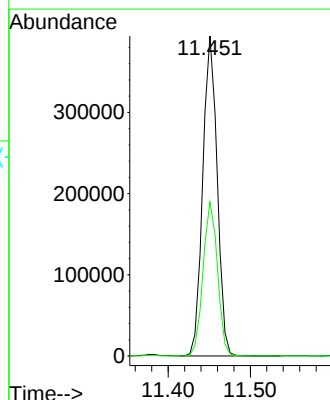
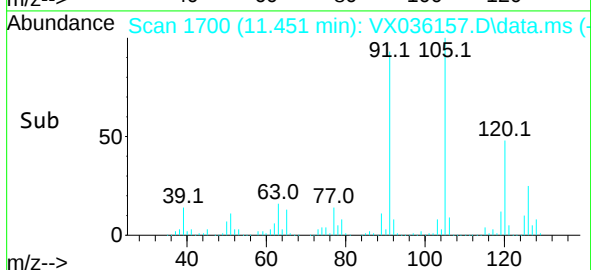
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

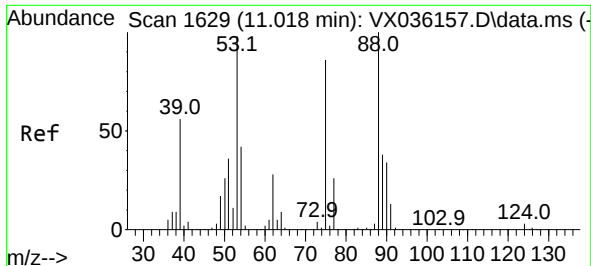


#80
1,3,5-Trimethylbenzene
Concen: 51.897 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36



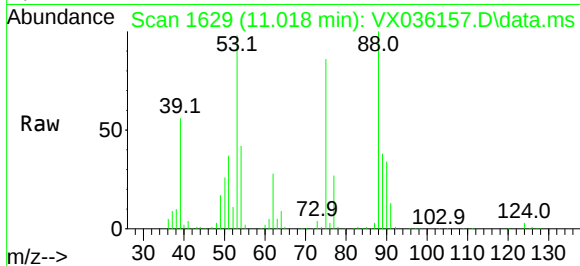
Tgt Ion:105 Resp: 479765
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 46.746 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36

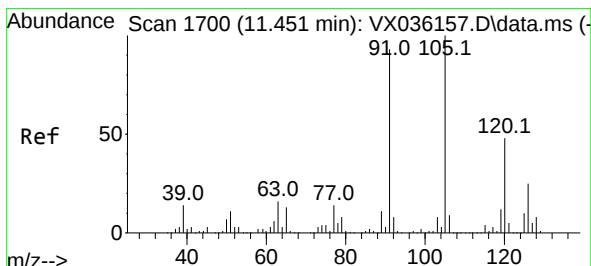
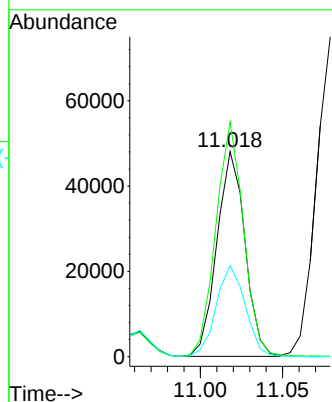
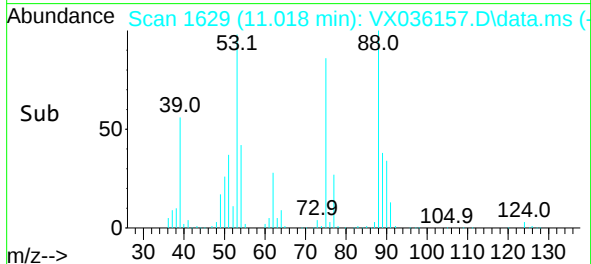
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



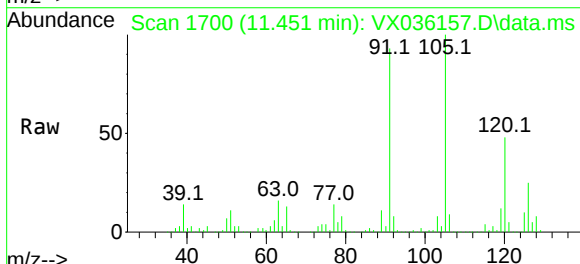
Tgt Ion: 75 Resp: 57000
Ion Ratio Lower Upper
75 100
53 113.1 90.5 135.7
89 46.1 36.9 55.3

Manual Integrations
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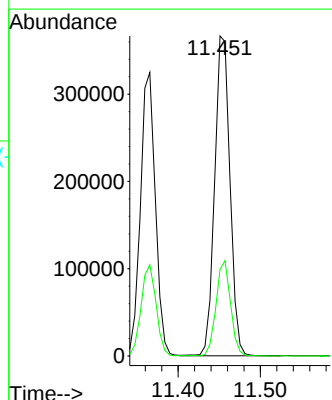
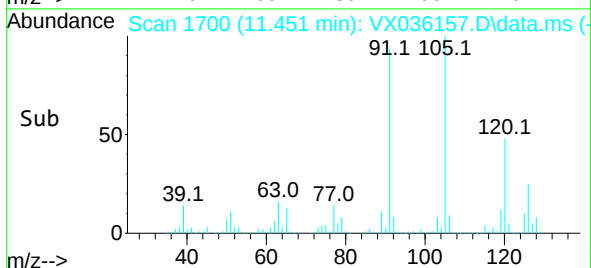
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

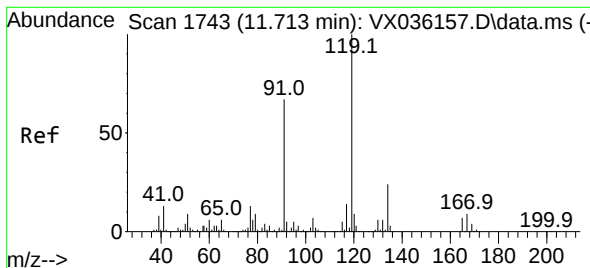


#82
4-Chlorotoluene
Concen: 51.519 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36



Tgt Ion: 91 Resp: 473985
Ion Ratio Lower Upper
91 100
126 28.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 51.685 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:119 Resp: 453030

Ion Ratio Lower Upper

119 100

91 62.4 31.2 93.6

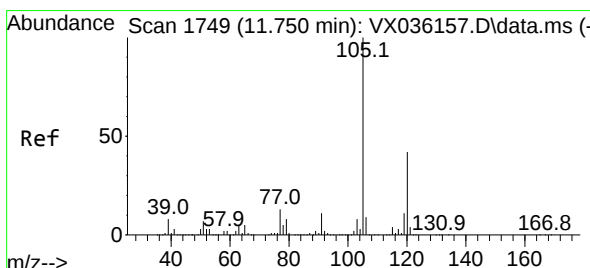
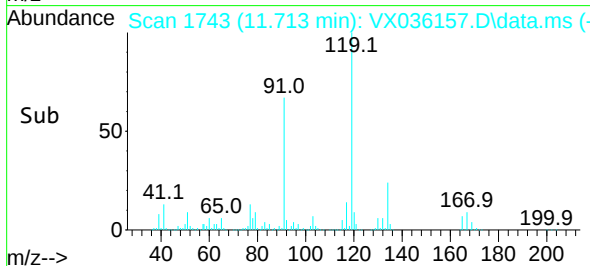
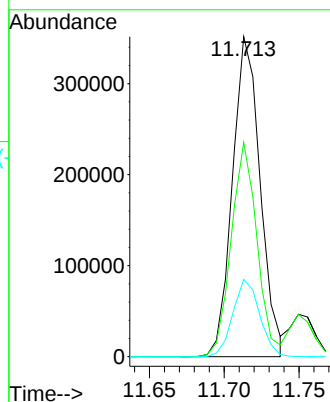
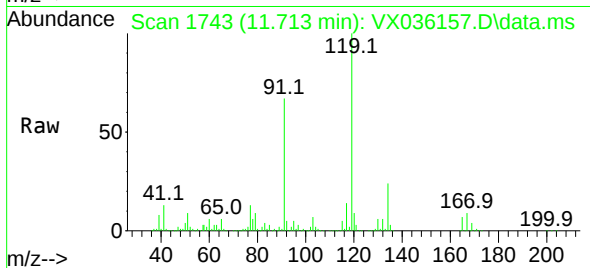
134 23.3 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#84

1,2,4-Trimethylbenzene

Concen: 52.804 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX036157.D

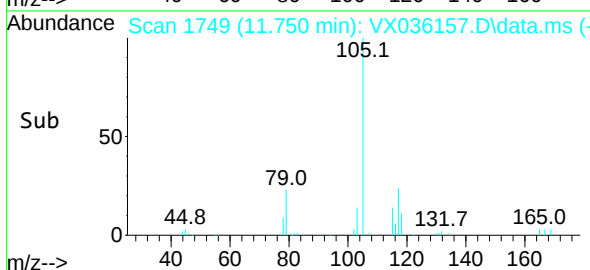
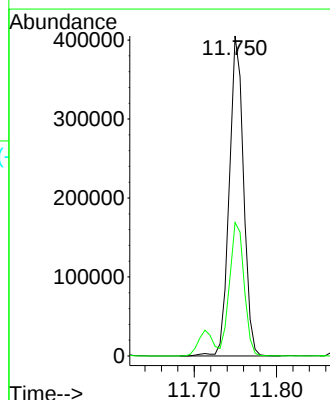
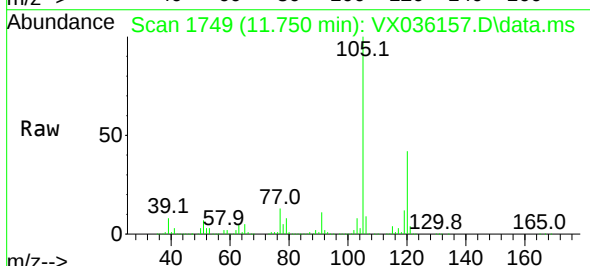
Acq: 14 Jun 2023 15:36

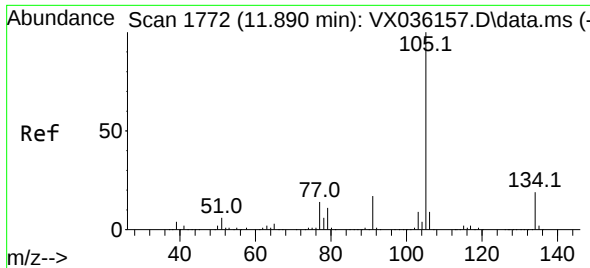
Tgt Ion:105 Resp: 490302

Ion Ratio Lower Upper

105 100

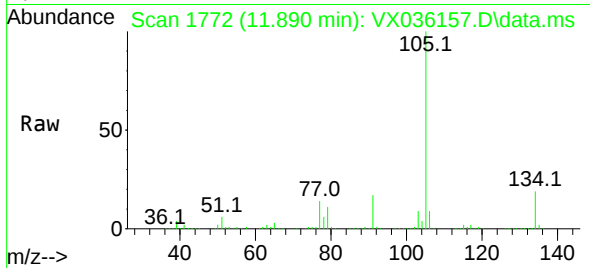
120 42.4 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 51.959 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036157.D
 Acq: 14 Jun 2023 15:36

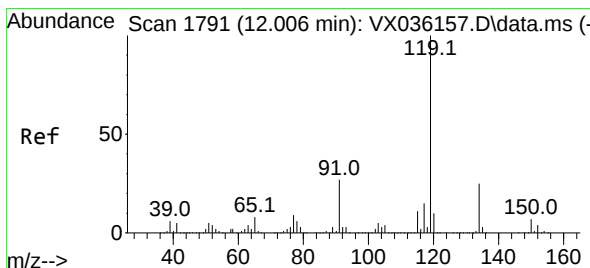
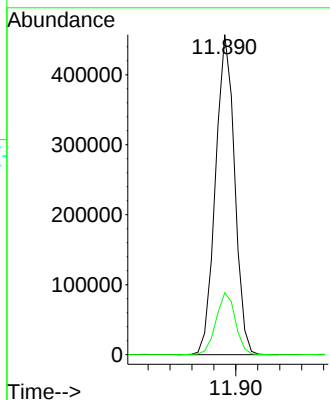
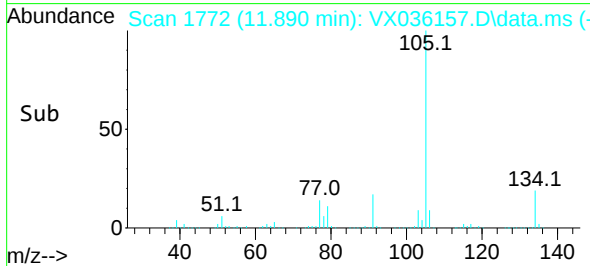
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



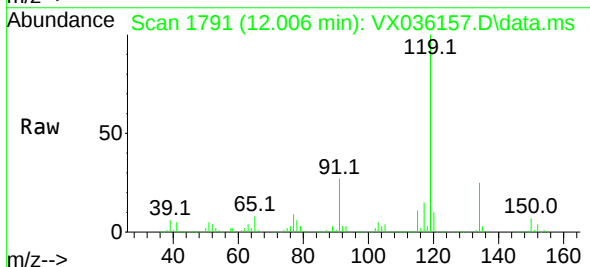
Tgt Ion:105 Resp: 553830
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

Manual Integrations
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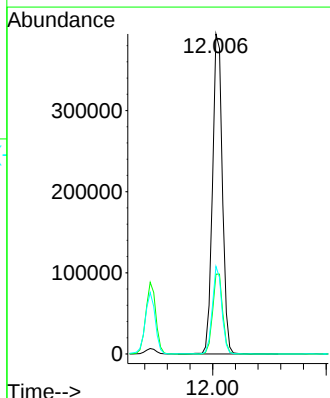
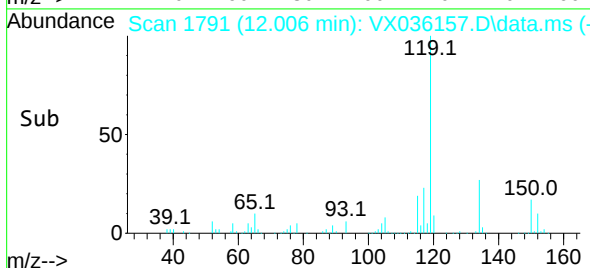
Reviewed By :John Carlone 06/15/2023
 Supervised By :Mahesh Dadoda 06/15/2023

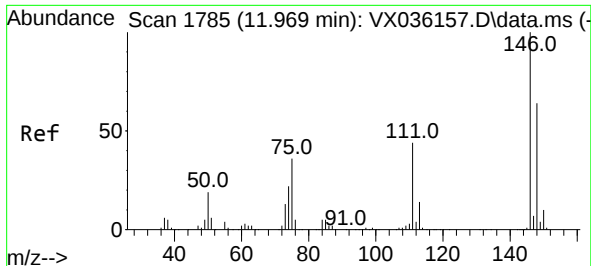


#86
 p-Isopropyltoluene
 Concen: 52.534 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX036157.D
 Acq: 14 Jun 2023 15:36



Tgt Ion:119 Resp: 473963
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 26.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.176 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 246073

Ion Ratio Lower Upper

146 100

111 44.1 22.1 66.1

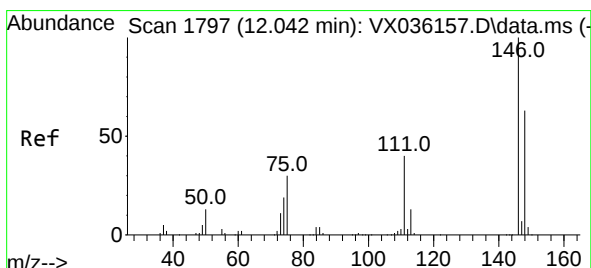
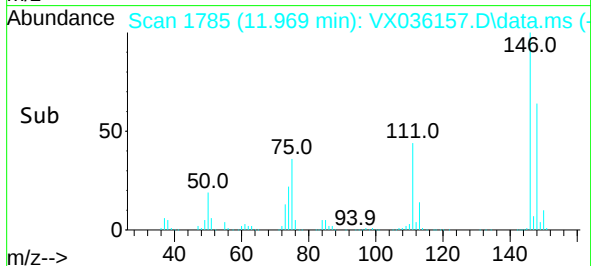
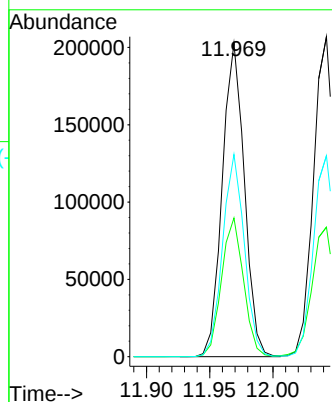
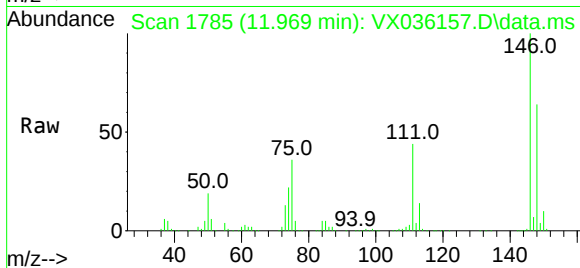
148 63.5 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#88

1,4-Dichlorobenzene

Concen: 49.397 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

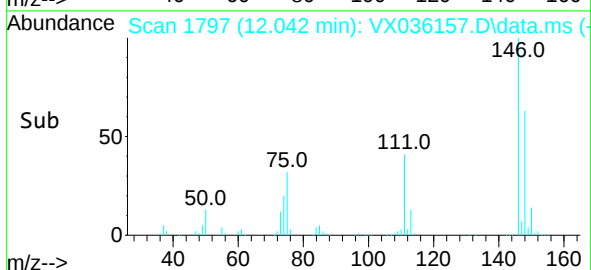
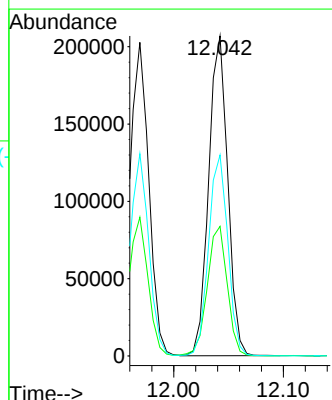
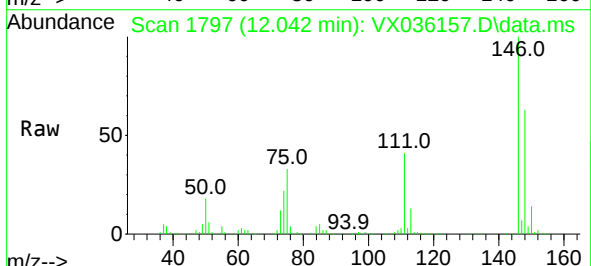
Tgt Ion:146 Resp: 249962

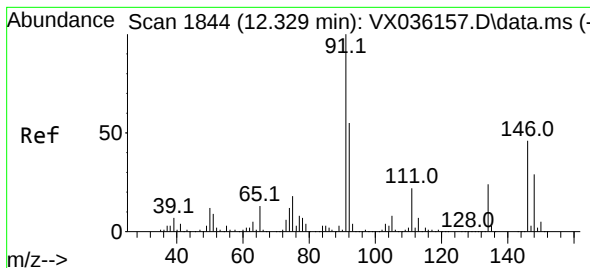
Ion Ratio Lower Upper

146 100

111 42.5 21.3 63.7

148 63.6 31.8 95.4





#89

n-Butylbenzene

Concen: 52.071 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 403692

Ion Ratio Lower Upper

91 100

92 54.7 27.4 82.0

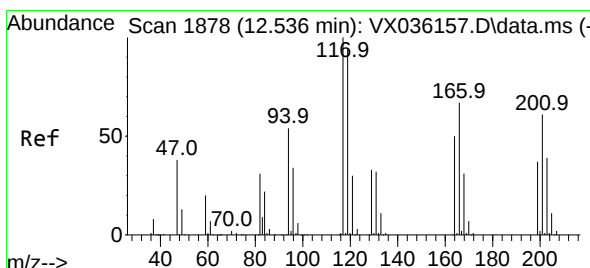
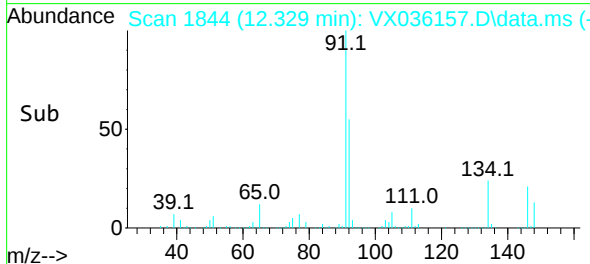
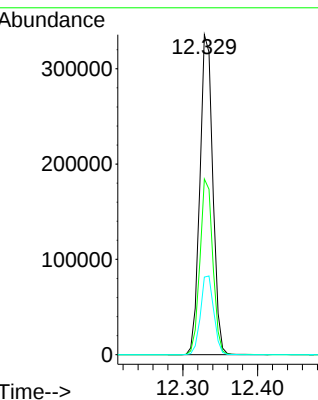
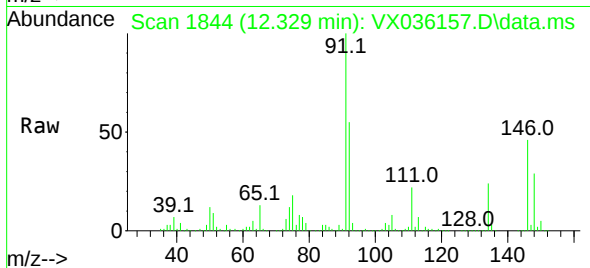
134 25.2 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#90

Hexachloroethane

Concen: 46.257 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX036157.D

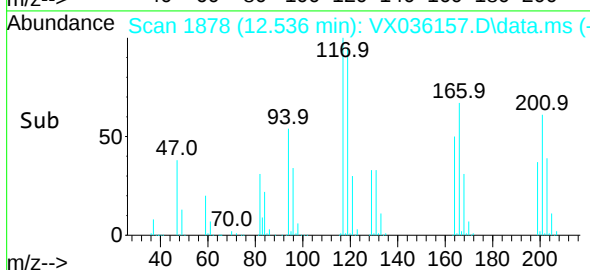
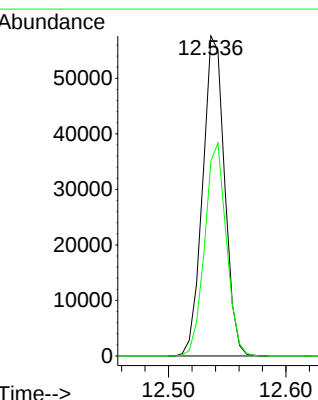
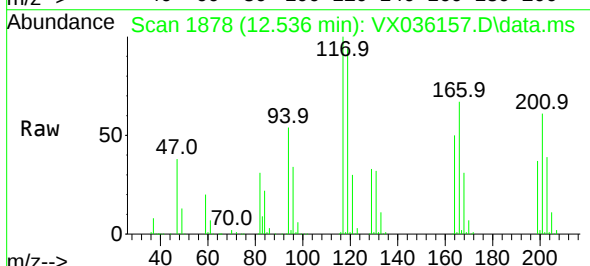
Acq: 14 Jun 2023 15:36

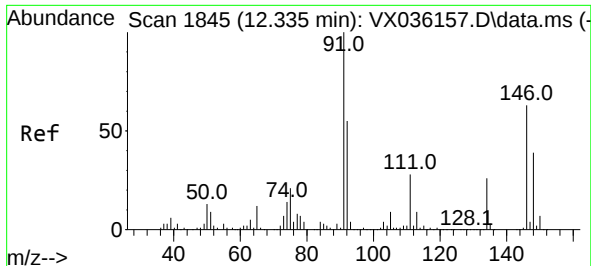
Tgt Ion:117 Resp: 74748

Ion Ratio Lower Upper

117 100

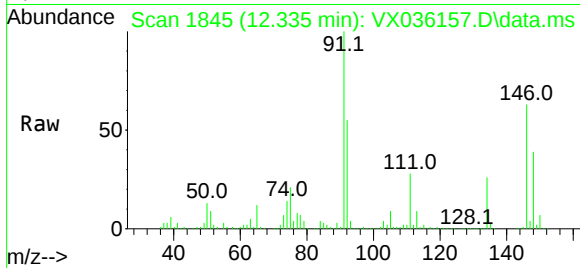
201 65.7 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 50.492 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36

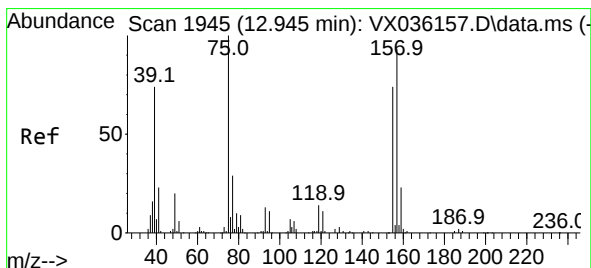
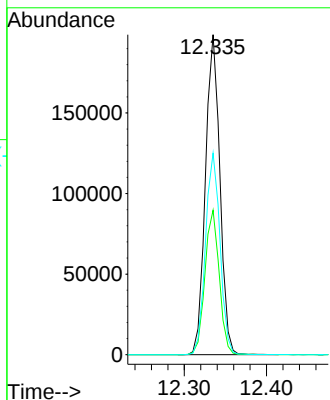
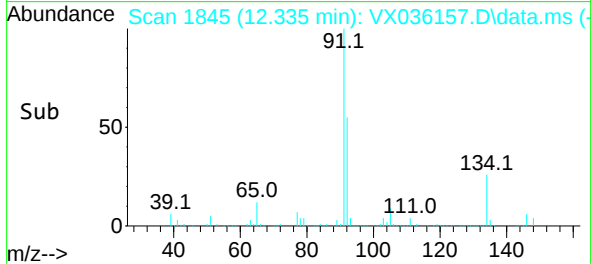
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



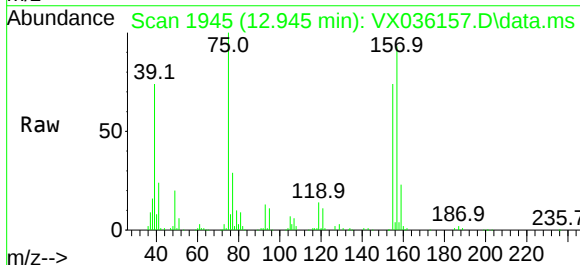
Tgt Ion:146 Resp: 242499
Ion Ratio Lower Upper
146 100
111 44.7 22.4 67.0
148 63.3 31.6 95.0

Manual Integrations
APPROVED

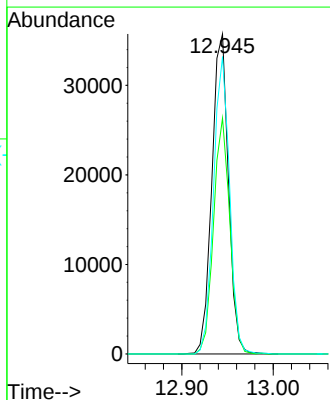
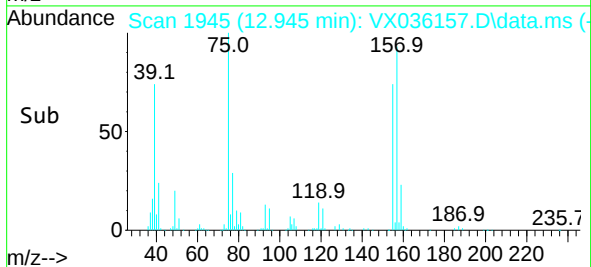
Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

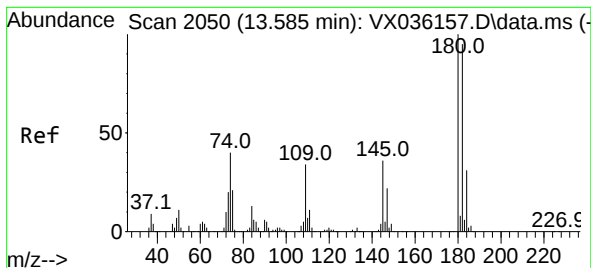


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.501 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX036157.D
Acq: 14 Jun 2023 15:36



Tgt Ion: 75 Resp: 44977
Ion Ratio Lower Upper
75 100
155 72.3 36.1 108.5
157 89.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 48.934 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

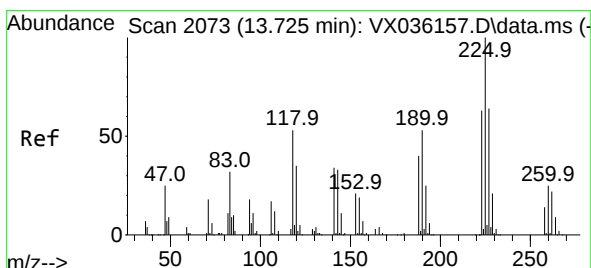
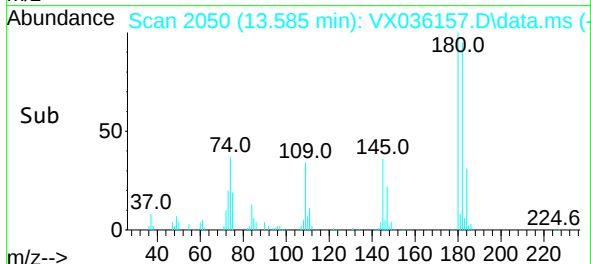
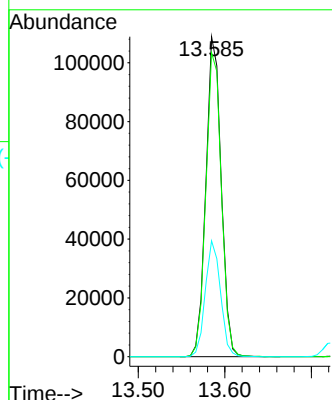
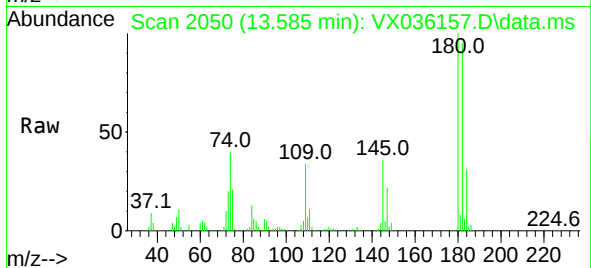
Tgt Ion:180	Resp:	133604
Ion Ratio	Lower	Upper
180	100	
182	96.5	48.3 144.8
145	36.0	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#94

Hexachlorobutadiene

Concen: 49.015 ug/l

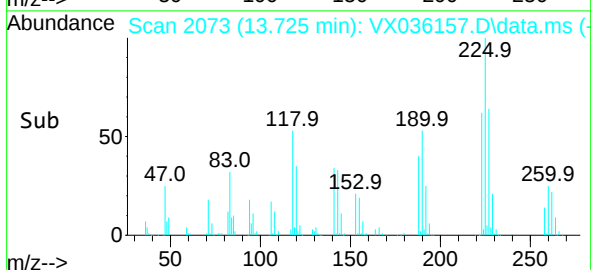
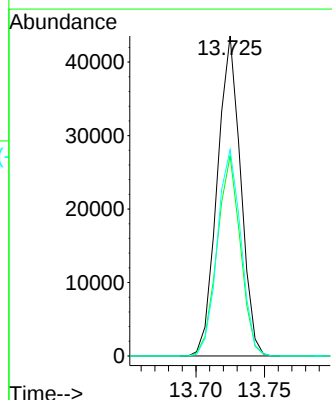
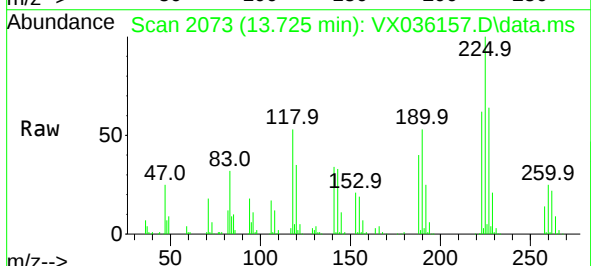
RT: 13.725 min Scan# 2073

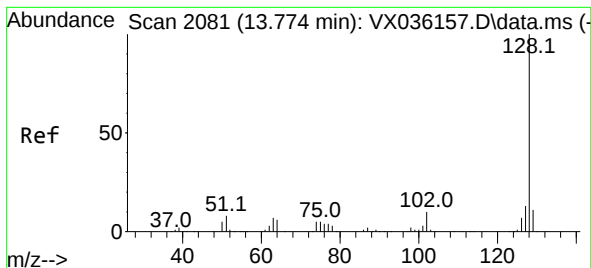
Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Tgt Ion:225	Resp:	51602
Ion Ratio	Lower	Upper
225	100	
223	62.1	31.1 93.2
227	65.0	32.5 97.5





#95

Naphthalene

Concen: 53.034 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

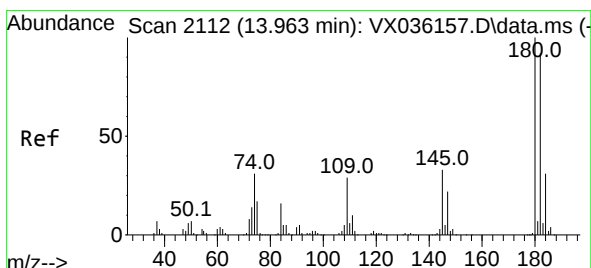
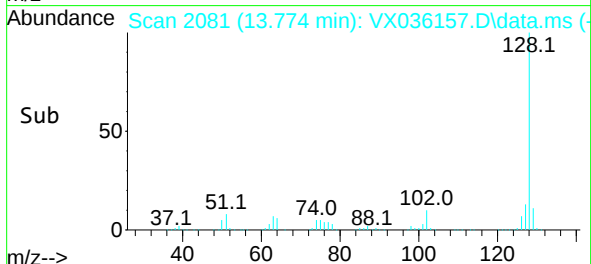
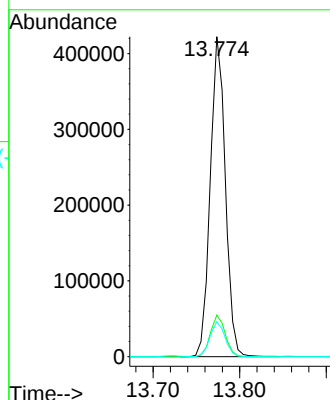
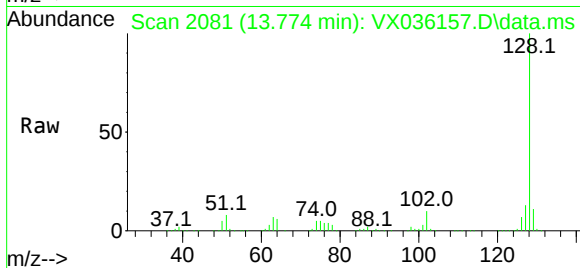
Tgt Ion:128	Resp: 51095
Ion Ratio	Lower Upper
128 100	
127 12.9	10.3 15.5
129 11.0	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#96

1,2,3-Trichlorobenzene

Concen: 50.461 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX036157.D

Acq: 14 Jun 2023 15:36

Tgt Ion:180	Resp: 136743
Ion Ratio	Lower Upper
180 100	
182 93.7	46.9 140.6
145 35.7	17.8 53.5

