

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051823\
 Data File : VX035750.D
 Acq On : 18 May 2023 18:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 19 05:47:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/19/2023
 Supervised By : Mahesh Dadoda 05/19/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	152110	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	294216	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	272743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127707	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	176365	66.462	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 132.920%#			
35) Dibromofluoromethane	5.385	113	118082	59.512	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 119.020%			
50) Toluene-d8	8.647	98	418891	57.147	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 114.300%#			
62) 4-Bromofluorobenzene	11.079	95	173096	58.649	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.300%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	101232	51.066	ug/l	98
3) Chloromethane	1.294	50	130660	54.312	ug/l	99
4) Vinyl Chloride	1.374	62	117092	57.352	ug/l	97
5) Bromomethane	1.617	94	75516	68.295	ug/l	97
6) Chloroethane	1.691	64	76465	61.737	ug/l	96
7) Trichlorofluoromethane	1.886	101	144747	48.217	ug/l	100
8) Diethyl Ether	2.130	74	75109	64.982	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	88957	49.910	ug/l	94
10) Methyl Iodide	2.453	142	116048	72.800	ug/l	90
11) Tert butyl alcohol	3.087	59	143924m	307.419	ug/l	
12) 1,1-Dichloroethene	2.319	96	92679	54.712	ug/l	89
13) Acrolein	2.239	56	157848	284.074	ug/l	100
14) Allyl chloride	2.666	41	212259	58.490	ug/l	93
15) Acrylonitrile	3.075	53	352636	342.059	ug/l	98
16) Acetone	2.404	43	348787	305.815	ug/l	92
17) Carbon Disulfide	2.514	76	189467	46.345	ug/l	99
18) Methyl Acetate	2.709	43	299862	71.290	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	434328	64.433	ug/l	97
20) Methylene Chloride	2.788	84	128660	62.244	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	109265	58.866	ug/l	95
22) Diisopropyl ether	3.757	45	454638	63.985	ug/l	98
23) Vinyl Acetate	3.721	43	1641821	326.567	ug/l	97
24) 1,1-Dichloroethane	3.611	63	237961	62.620	ug/l	98
25) 2-Butanone	4.568	43	520803	329.867	ug/l	99
26) 2,2-Dichloropropane	4.477	77	177406	55.129	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	136832	61.323	ug/l	94
28) Bromochloromethane	4.897	49	111475	65.218	ug/l	94
29) Tetrahydrofuran	5.013	42	332737	335.302	ug/l	98
30) Chloroform	5.092	83	247476	63.553	ug/l	99
31) Cyclohexane	5.470	56	166407	49.635	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	192575	56.839	ug/l	98
36) 1,1-Dichloropropene	5.696	75	159060	50.786	ug/l	97
37) Ethyl Acetate	4.714	43	202614	62.024	ug/l	100
38) Carbon Tetrachloride	5.678	117	145004	48.874	ug/l	97
39) Methylcyclohexane	7.379	83	159489	43.260	ug/l	93
40) Benzene	6.037	78	499068	56.960	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	121622	62.705	ug/l	96
42) 1,2-Dichloroethane	6.086	62	225210	59.753	ug/l	96
43) Isopropyl Acetate	6.342	43	338466	59.417	ug/l	99
44) Trichloroethene	7.123	130	118512	53.345	ug/l	93
45) 1,2-Dichloropropane	7.427	63	136672	58.898	ug/l	97
46) Dibromomethane	7.580	93	94596	59.554	ug/l	93
47) Bromodichloromethane	7.824	83	174815	56.940	ug/l	97
48) Methyl methacrylate	7.690	41	173629	61.762	ug/l	96
49) 1,4-Dioxane	7.744	88	66064	1180.842	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	1035940	315.666	ug/l	98
52) Toluene	8.720	92	307028	55.513	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	195303	58.552	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	209839	58.717	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	132104	60.814	ug/l	99
56) Ethyl methacrylate	9.116	69	212893	60.518	ug/l	96
57) 1,3-Dichloropropane	9.305	76	236258	59.995	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	548468	306.480	ug/l	98
59) 2-Hexanone	9.433	43	779318	315.325	ug/l	98
60) Dibromochloromethane	9.525	129	120745	58.312	ug/l	100
61) 1,2-Dibromoethane	9.610	107	137646	60.142	ug/l	99
64) Tetrachloroethene	9.275	164	88933	48.433	ug/l	91
65) Chlorobenzene	10.079	112	327563	55.018	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	116824	55.493	ug/l	99
67) Ethyl Benzene	10.195	91	600538	53.633	ug/l	97
68) m/p-Xylenes	10.299	106	445415	107.616	ug/l	94
69) o-Xylene	10.640	106	223911	54.519	ug/l	94
70) Styrene	10.652	104	375008	56.654	ug/l	97
71) Bromoform	10.799	173	73845	53.313	ug/l #	99
73) Isopropylbenzene	10.963	105	563507	52.364	ug/l	99
74) N-amyl acetate	10.841	43	279722	55.749	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	199004	57.007	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	192549m	61.640	ug/l	
77) Bromobenzene	11.195	156	133069	54.480	ug/l	92
78) n-propylbenzene	11.305	91	660428	52.208	ug/l	98
79) 2-Chlorotoluene	11.366	91	429122	54.182	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	489176	53.484	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	53583	55.283	ug/l #	85
82) 4-Chlorotoluene	11.451	91	491703	53.908	ug/l	97
83) tert-Butylbenzene	11.713	119	452136	50.856	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	499507	54.391	ug/l	96
85) sec-Butylbenzene	11.890	105	546234	48.934	ug/l	98
86) p-Isopropyltoluene	12.006	119	465192	50.691	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	246509	53.127	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	248365	53.008	ug/l	98
89) n-Butylbenzene	12.329	91	403174	48.295	ug/l	98
90) Hexachloroethane	12.536	117	69338	49.849	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	243753	53.646	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	43648	56.150	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	138461	50.610	ug/l	99
94) Hexachlorobutadiene	13.725	225	45252	41.672	ug/l	97
95) Naphthalene	13.774	128	519457	55.444	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	140166	52.093	ug/l	97

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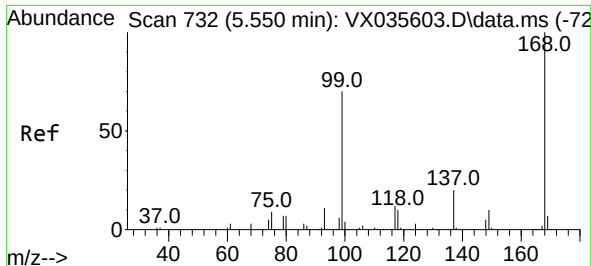
Manual Integrations
APPROVED

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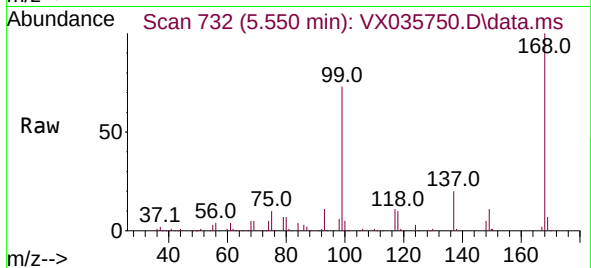
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
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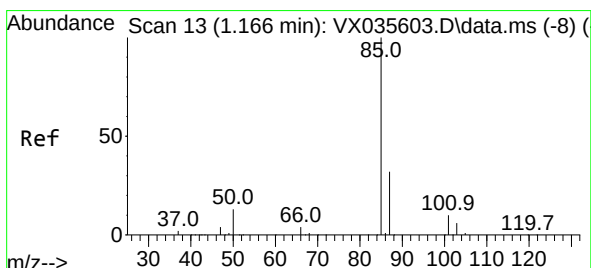
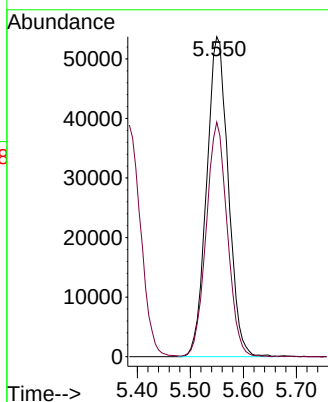
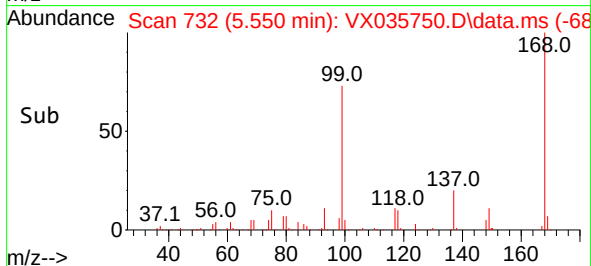
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 152110
Ion Ratio Lower Upper
168 100
99 73.1 45.7 68.5

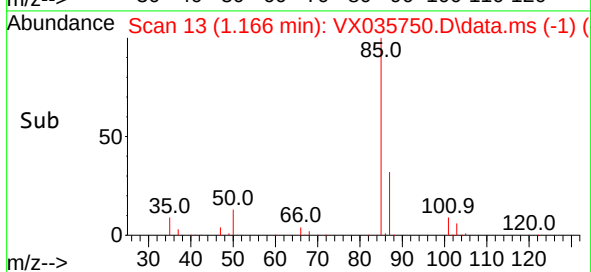
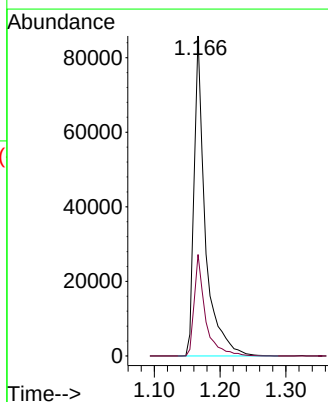
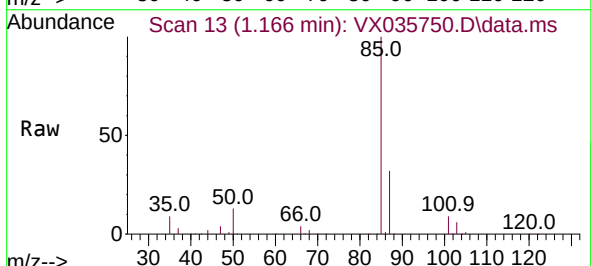
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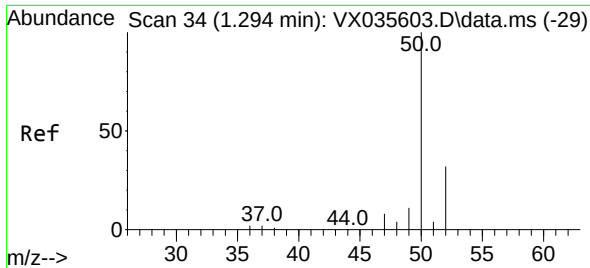
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#2
Dichlorodifluoromethane
Concen: 51.066 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

Tgt Ion: 85 Resp: 101232
Ion Ratio Lower Upper
85 100
87 31.7 16.4 49.1





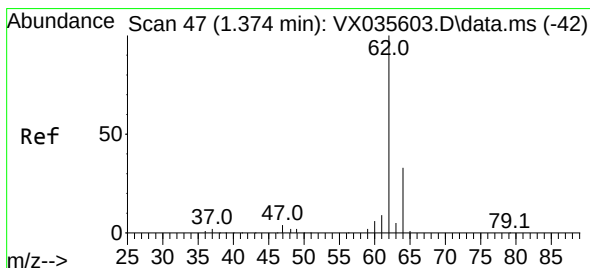
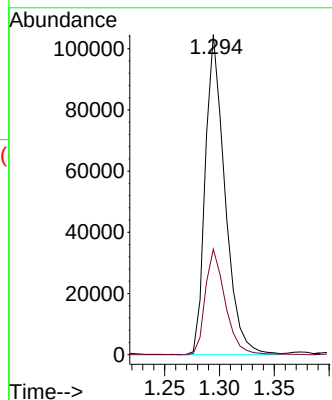
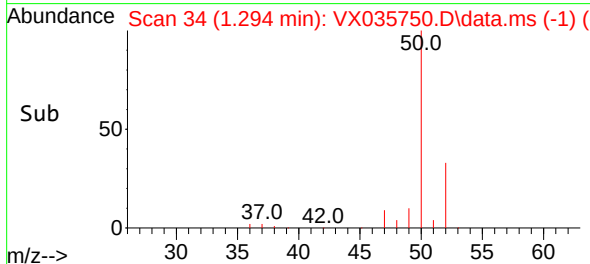
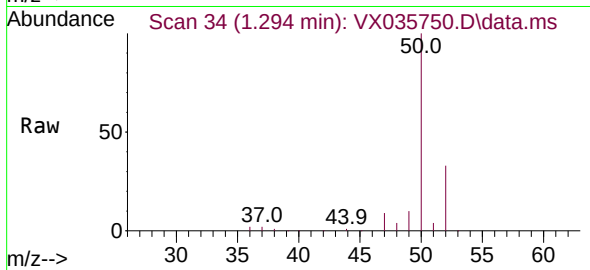
#3
Chloromethane
Concen: 54.312 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

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Tgt Ion: 50 Resp: 130660
Ion Ratio Lower Upper
50 100
52 33.0 25.9 38.9

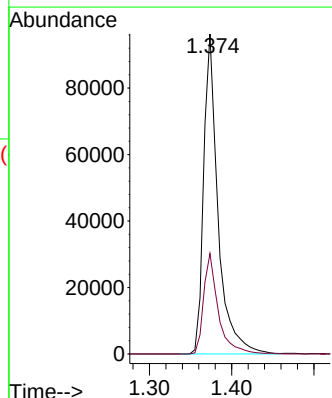
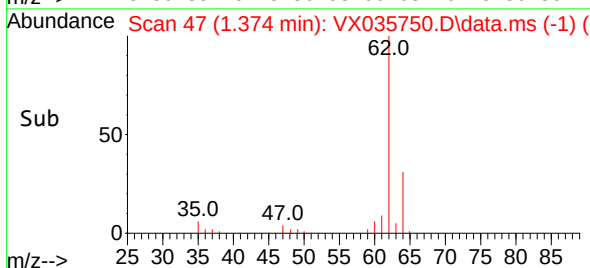
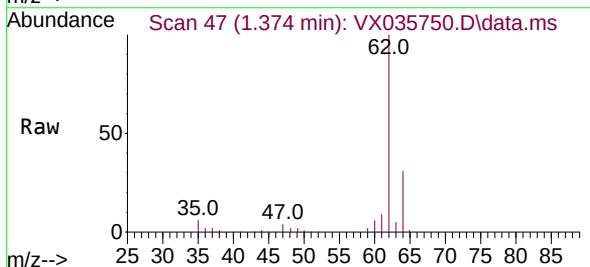
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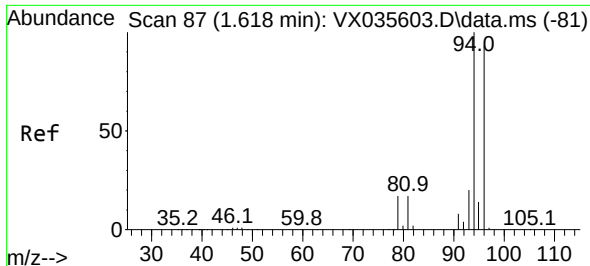
Reviewed By :John Carlone 05/19/2023
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#4
Vinyl Chloride
Concen: 57.352 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

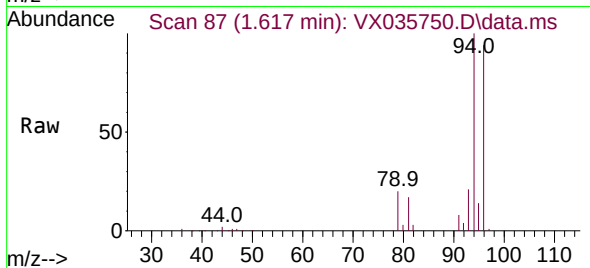
Tgt Ion: 62 Resp: 117092
Ion Ratio Lower Upper
62 100
64 31.4 26.4 39.6





#5
Bromomethane
Concen: 68.295 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.001 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

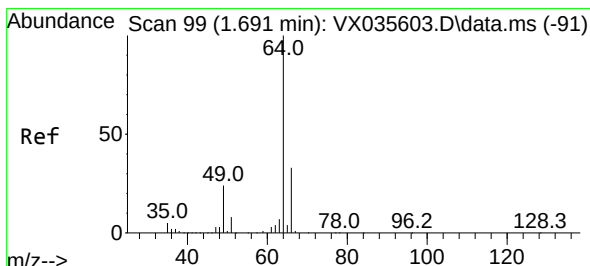
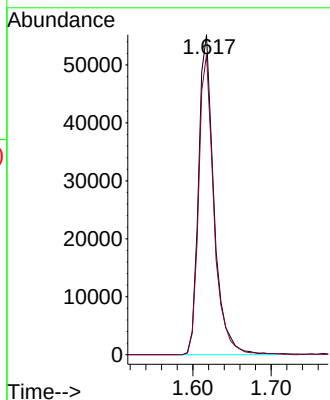
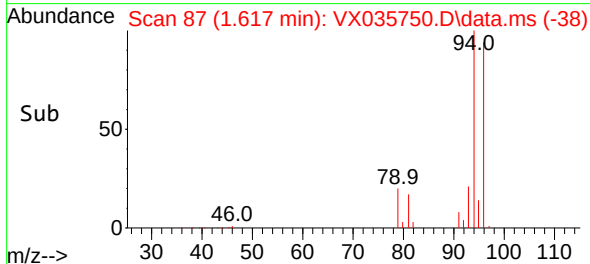
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Tgt Ion: 94 Resp: 75510
Ion Ratio Lower Upper
94 100
96 93.7 77.0 115.6

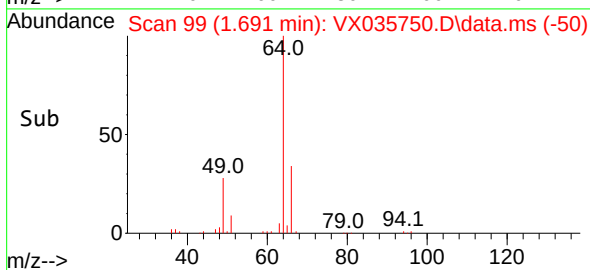
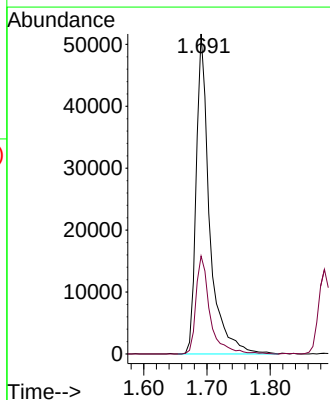
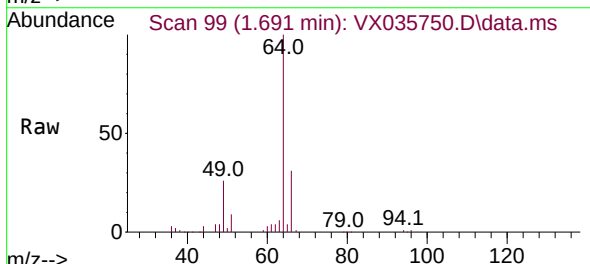
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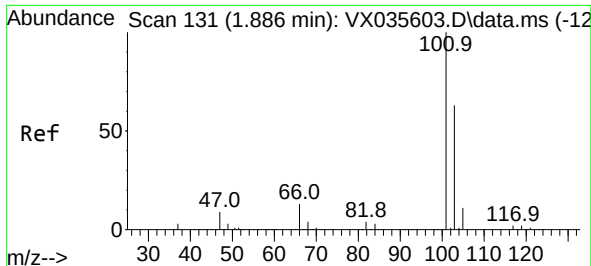
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#6
Chloroethane
Concen: 61.737 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035750.D
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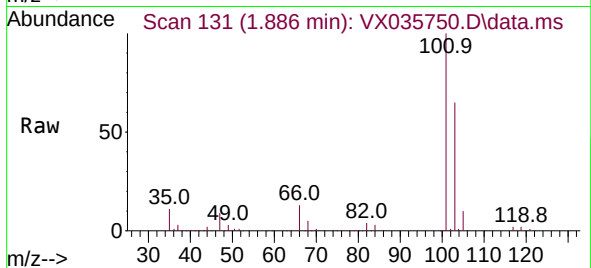
Tgt Ion: 64 Resp: 76465
Ion Ratio Lower Upper
64 100
66 30.6 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 48.217 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX035750.D
 Acq: 18 May 2023 18:18

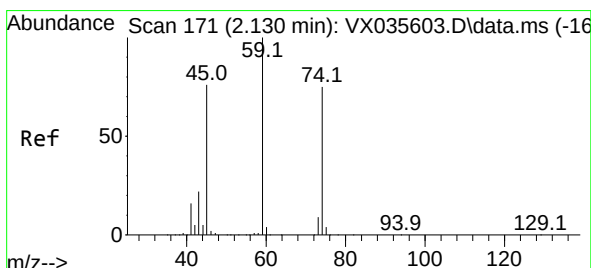
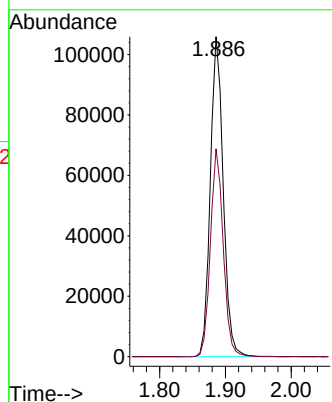
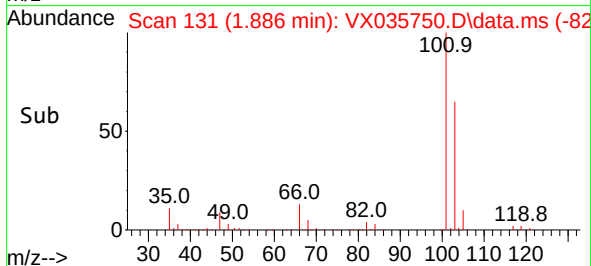
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 VSTDCCC050EC



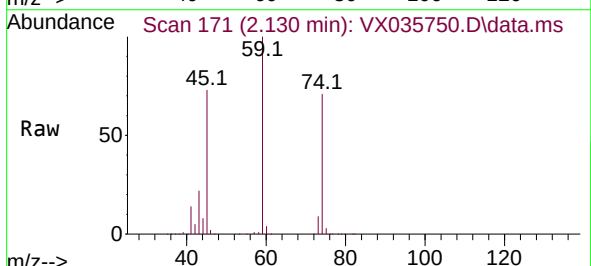
Tgt Ion:101 Resp: 14474
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.0 78.0

Manual Integrations
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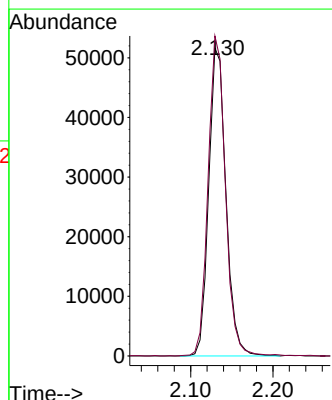
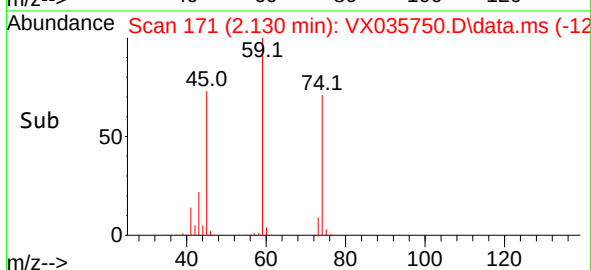
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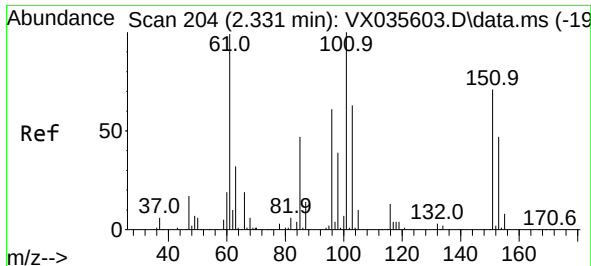


#8
 Diethyl Ether
 Concen: 64.982 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 75109
 Ion Ratio Lower Upper
 74 100
 45 104.9 49.8 149.3





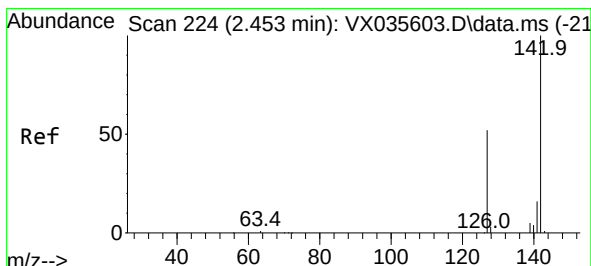
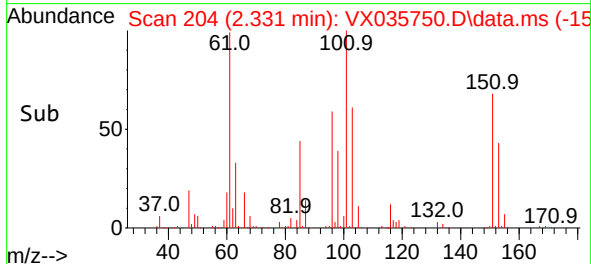
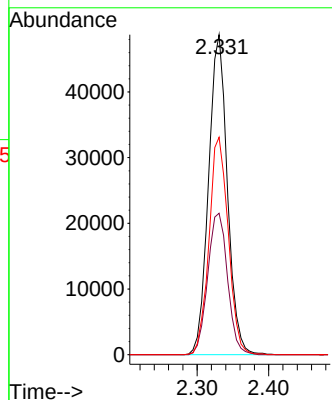
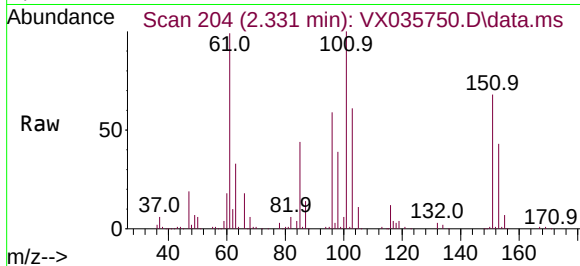
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.910 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 8895
Ion Ratio Lower Upper
101 100
85 46.7 35.4 53.2
151 69.5 60.2 90.4

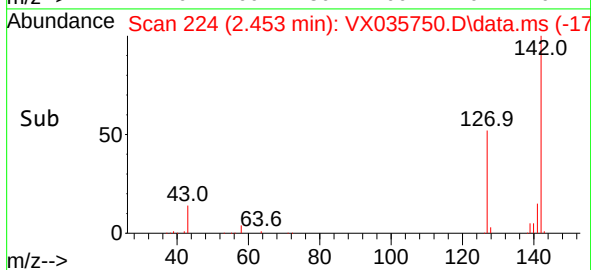
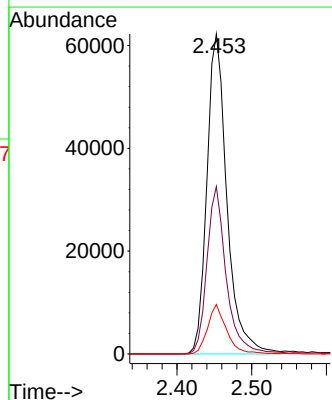
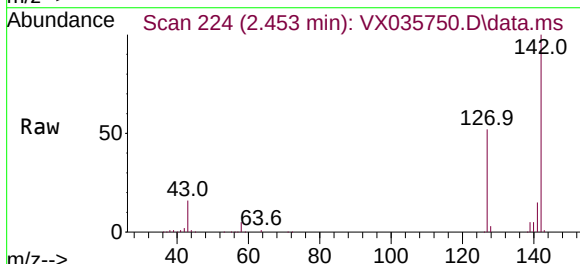
Manual Integrations
APPROVED

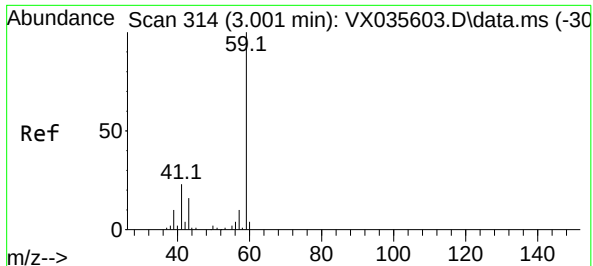
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#10
Methyl Iodide
Concen: 72.800 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

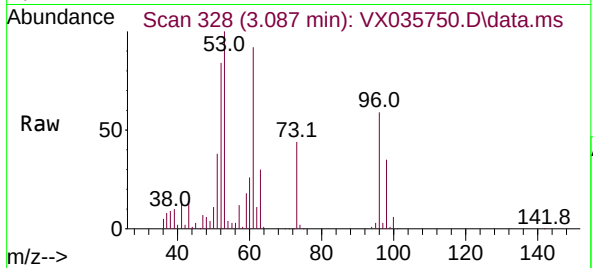
Tgt Ion:142 Resp: 116048
Ion Ratio Lower Upper
142 100
127 50.5 34.0 51.0
141 14.7 11.1 16.7





#11
Tert butyl alcohol
Concen: 307.419 ug/l m
RT: 3.087 min Scan# 314
Delta R.T. 0.086 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

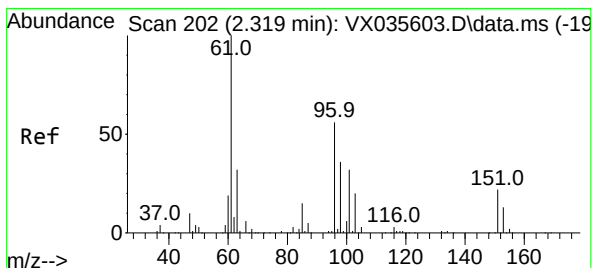
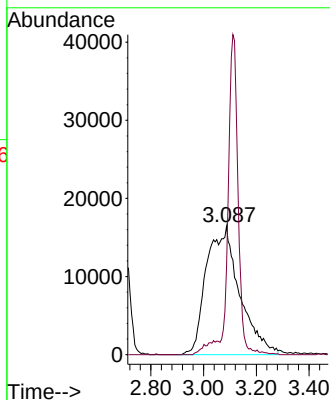
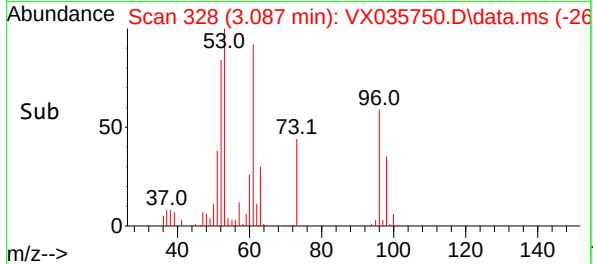
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 143924
Ion Ratio Lower Upper
59 100
57 4.6 8.1 12.1

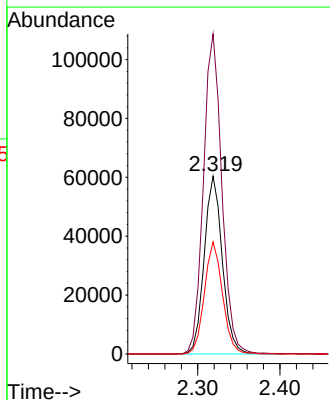
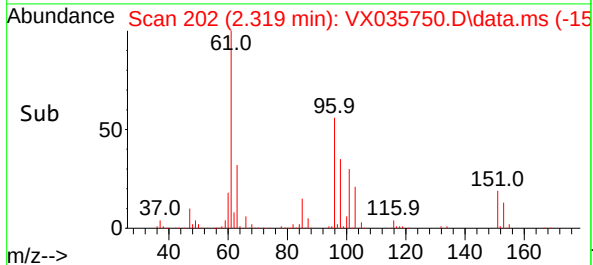
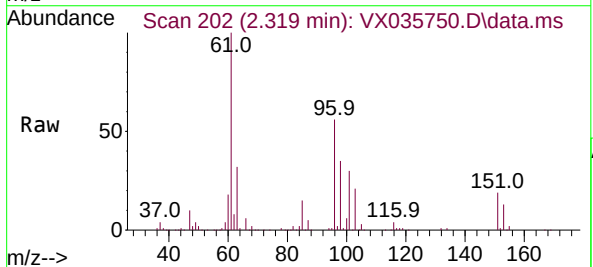
Manual Integrations
APPROVED

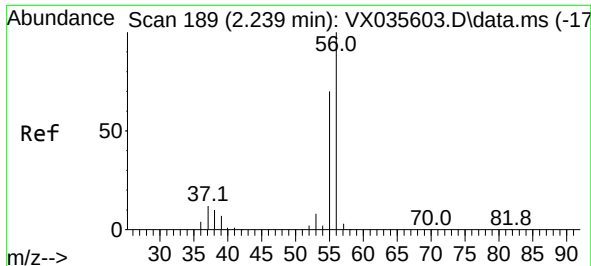
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#12
1,1-Dichloroethene
Concen: 54.712 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

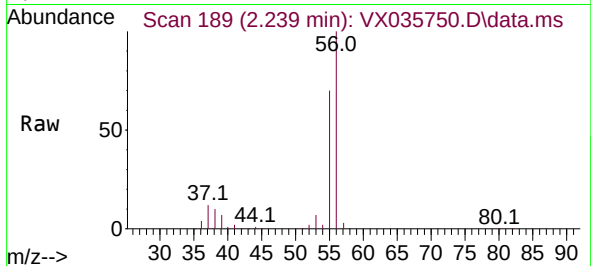
Tgt Ion: 96 Resp: 92679
Ion Ratio Lower Upper
96 100
61 180.0 128.8 193.2
98 63.0 51.4 77.0





#13
Acrolein
Concen: 284.074 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

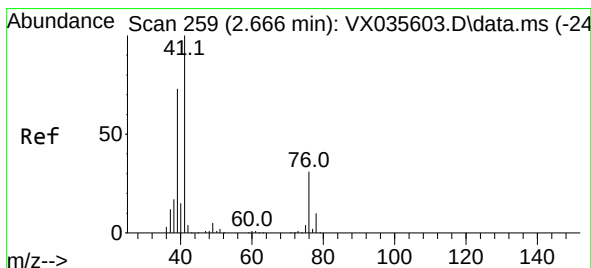
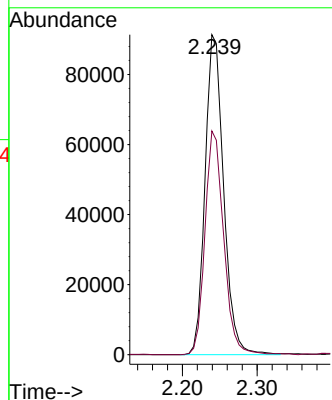
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 157848
Ion Ratio Lower Upper
56 100
55 70.6 56.6 85.0

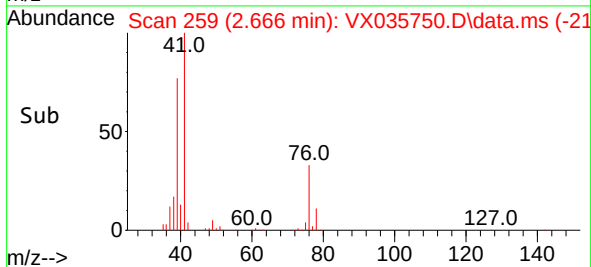
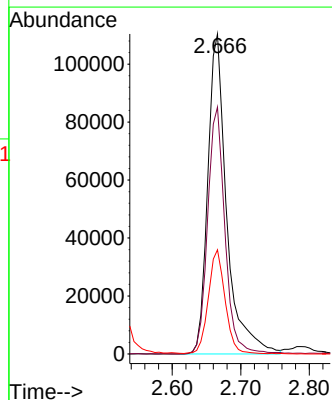
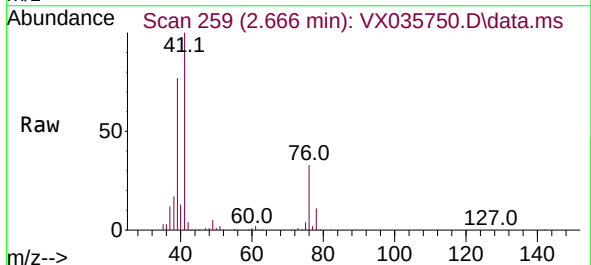
Manual Integrations
APPROVED

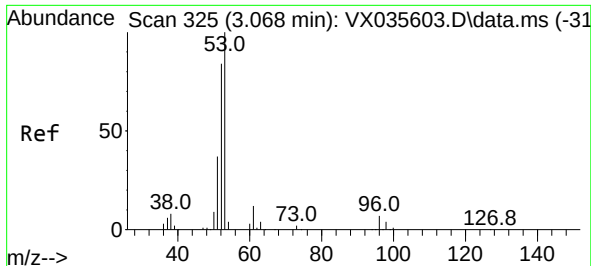
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#14
Allyl chloride
Concen: 58.490 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

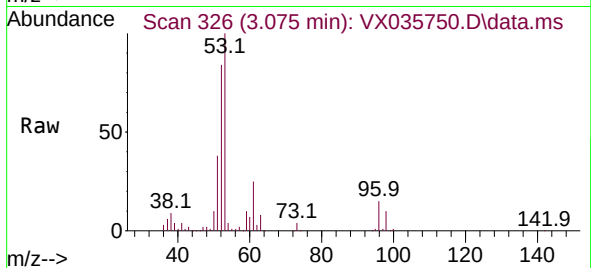
Tgt Ion: 41 Resp: 212259
Ion Ratio Lower Upper
41 100
39 70.8 52.4 78.6
76 28.7 26.0 39.0





#15
Acrylonitrile
Concen: 342.059 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

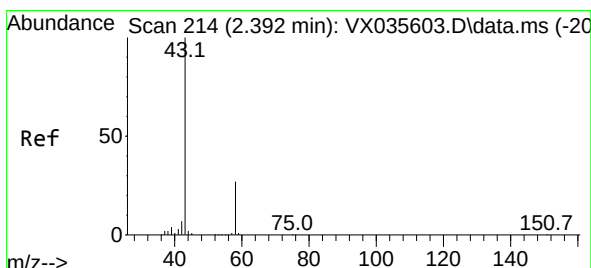
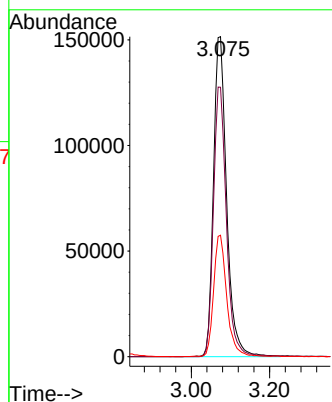
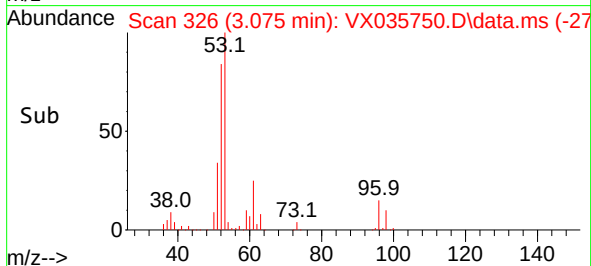
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 352630
Ion Ratio Lower Upper
53 100
52 83.3 66.2 99.2
51 38.2 28.3 42.5

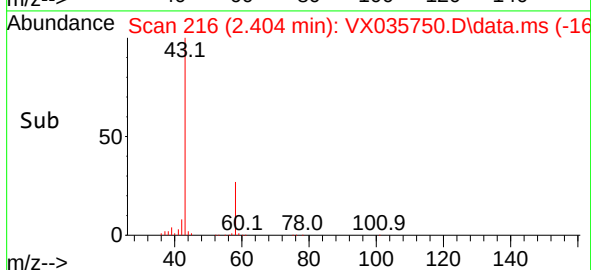
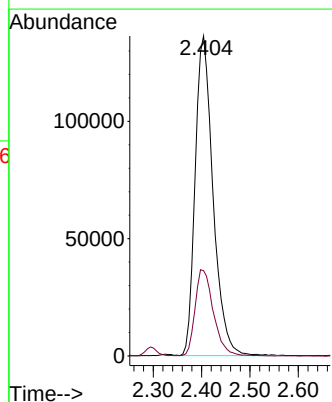
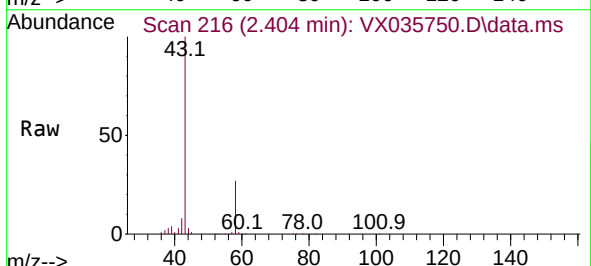
Manual Integrations
APPROVED

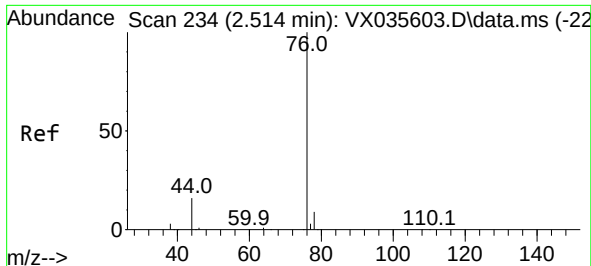
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#16
Acetone
Concen: 305.815 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.012 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

Tgt Ion: 43 Resp: 348787
Ion Ratio Lower Upper
43 100
58 26.6 24.7 37.1





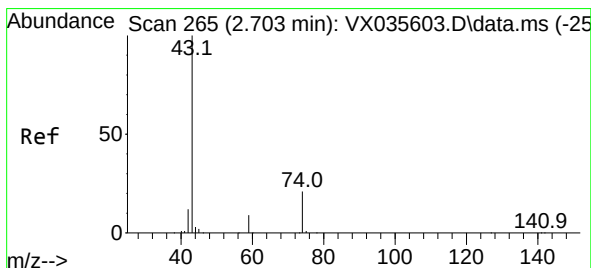
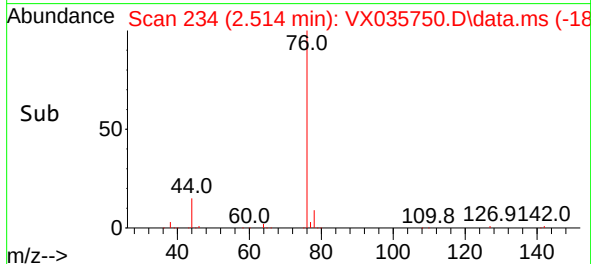
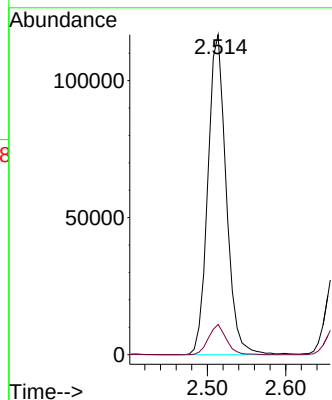
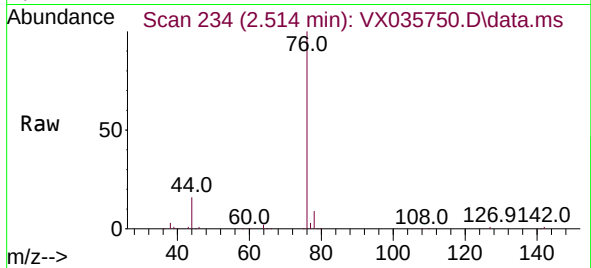
#17
Carbon Disulfide
Concen: 46.345 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 18946
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

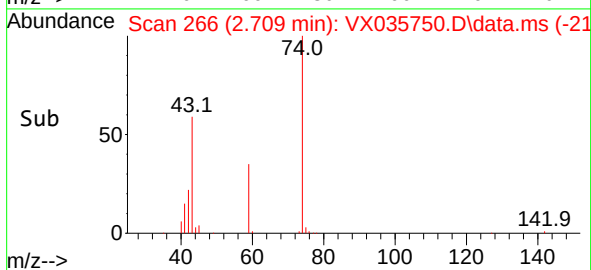
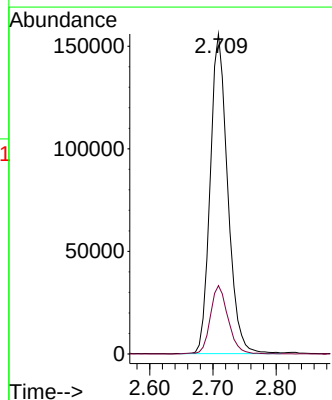
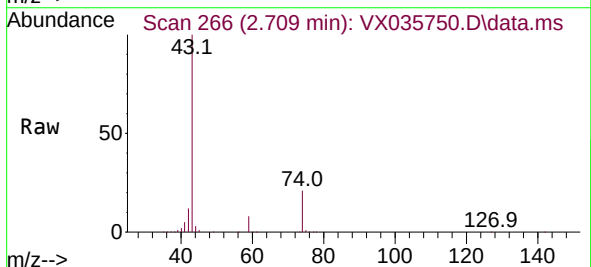
Manual Integrations
APPROVED

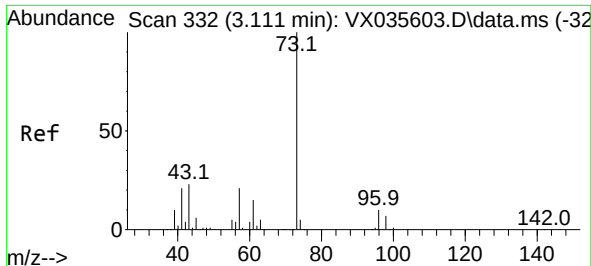
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#18
Methyl Acetate
Concen: 71.290 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

Tgt Ion: 43 Resp: 299862
Ion Ratio Lower Upper
43 100
74 21.8 18.3 27.5





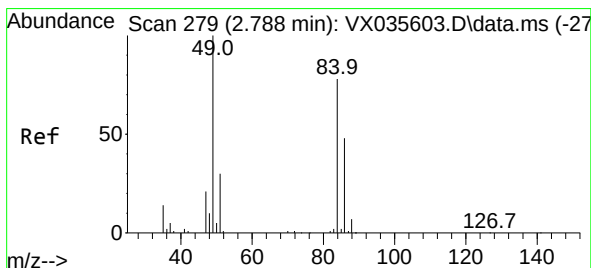
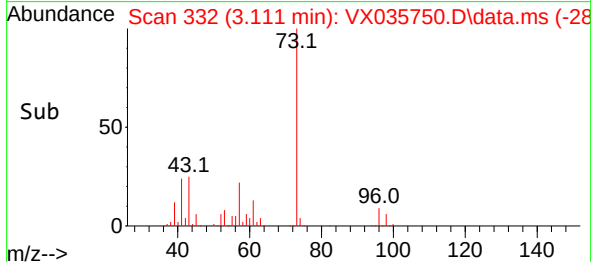
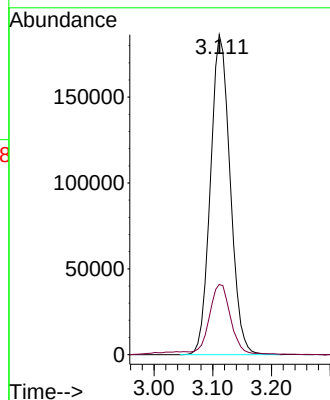
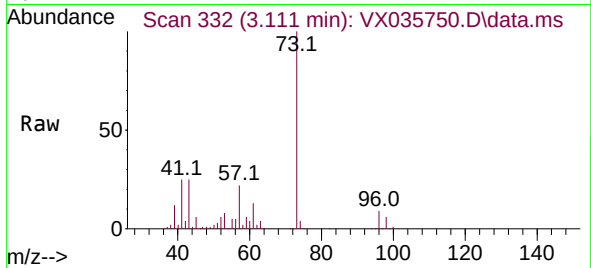
#19
Methyl tert-butyl Ether
Concen: 64.433 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 434328
Ion Ratio Lower Upper
73 100
57 21.8 18.5 27.7

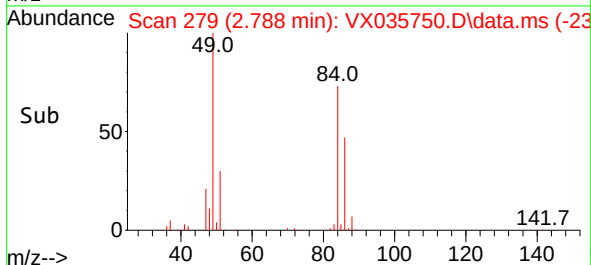
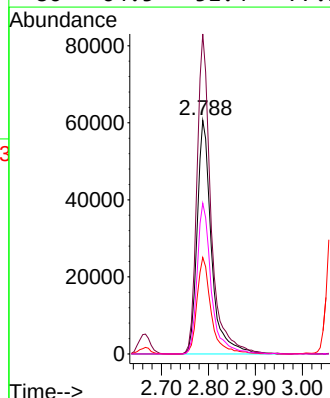
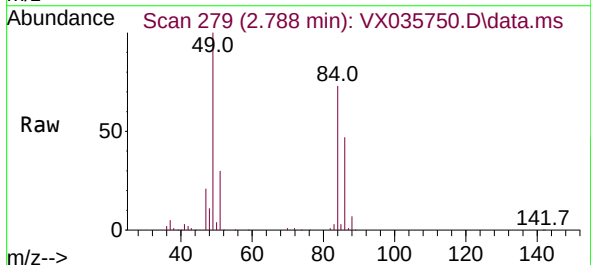
Manual Integrations
APPROVED

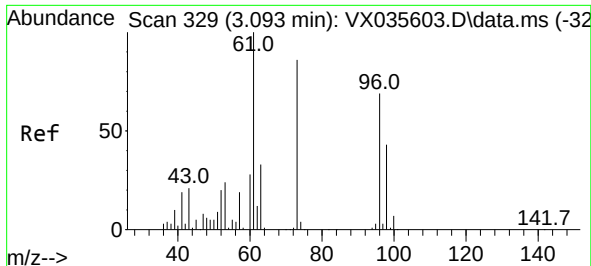
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#20
Methylene Chloride
Concen: 62.244 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

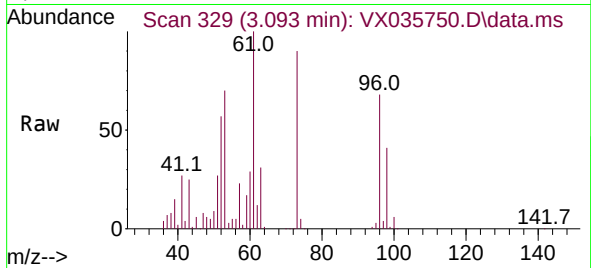
Tgt Ion: 84 Resp: 128660
Ion Ratio Lower Upper
84 100
49 137.0 103.8 155.8
51 41.3 31.8 47.8
86 64.5 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 58.866 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

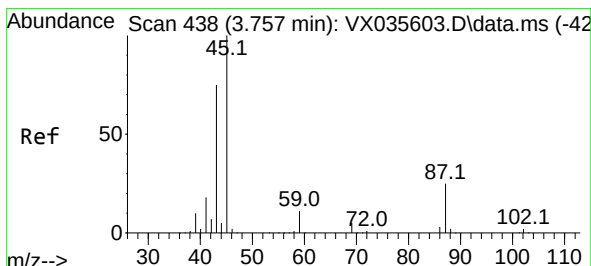
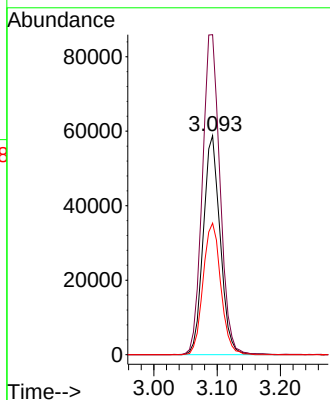
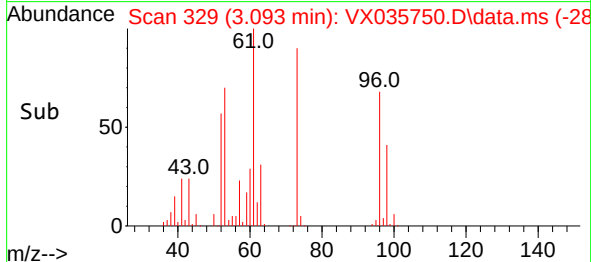
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 10926
Ion Ratio Lower Upper
96 100
61 146.0 113.0 169.6
98 60.1 52.1 78.1

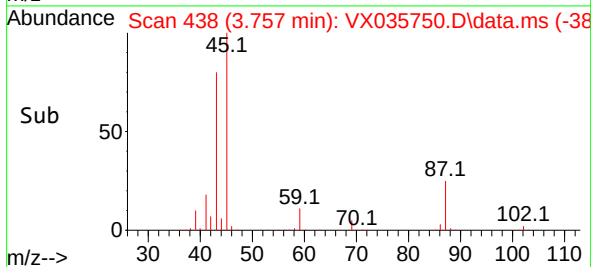
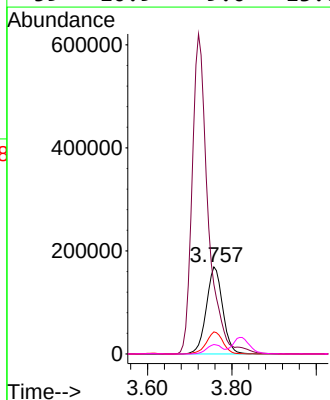
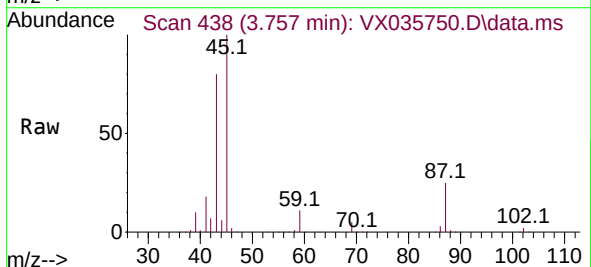
Manual Integrations
APPROVED

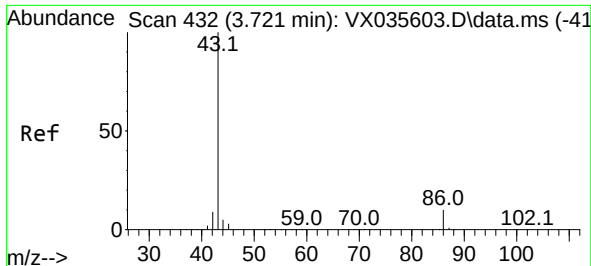
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#22
Diisopropyl ether
Concen: 63.985 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

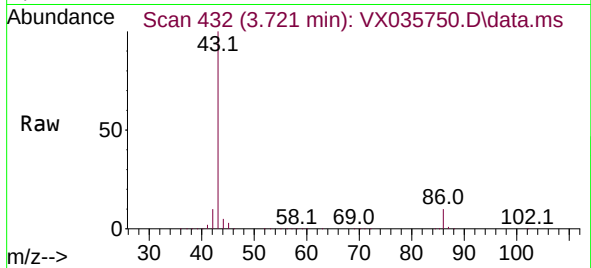
Tgt Ion: 45 Resp: 454638
Ion Ratio Lower Upper
45 100
43 79.7 65.4 98.2
87 25.5 20.6 31.0
59 10.9 9.0 13.6





#23
 Vinyl Acetate
 Concen: 326.567 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX035750.D
 Acq: 18 May 2023 18:18

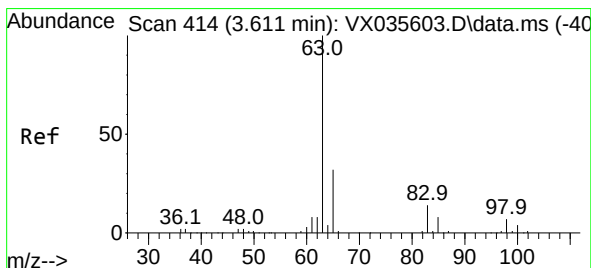
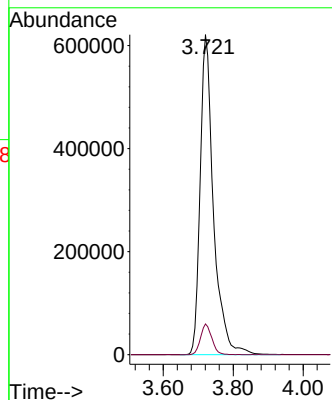
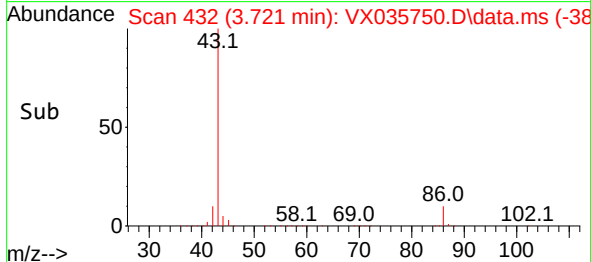
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



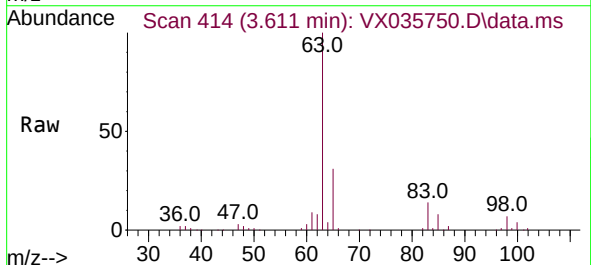
Tgt Ion: 43 Resp: 164182
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.5 12.7

Manual Integrations
 APPROVED

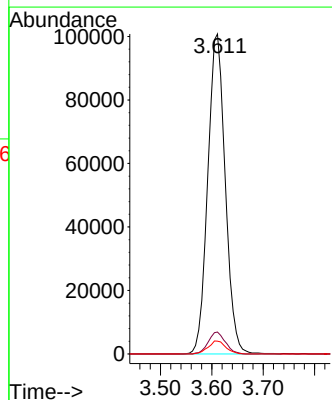
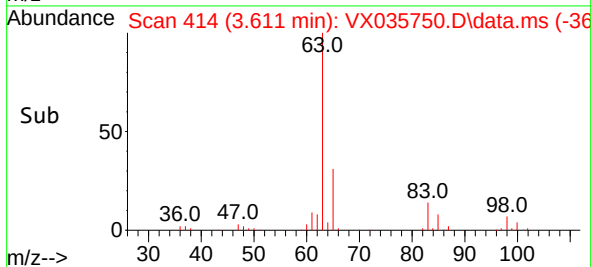
Reviewed By :John Carlone 05/19/2023
 Supervised By :Mahesh Dadoda 05/19/2023

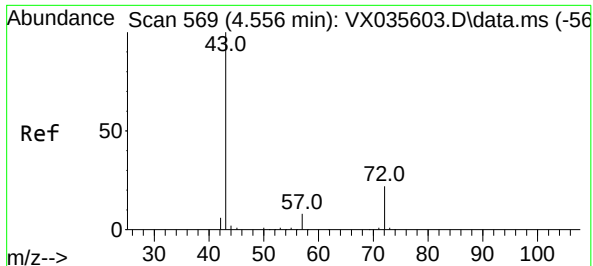


#24
 1,1-Dichloroethane
 Concen: 62.620 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX035750.D
 Acq: 18 May 2023 18:18



Tgt Ion: 63 Resp: 237961
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.2
 100 4.0 2.4 7.1





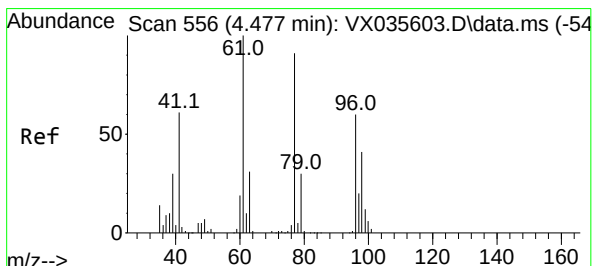
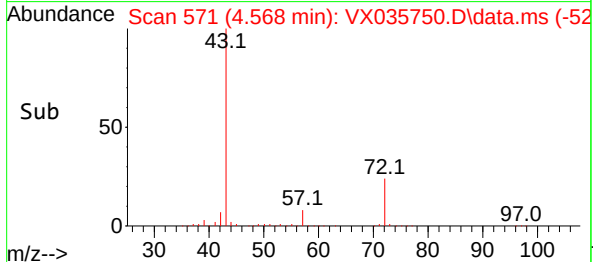
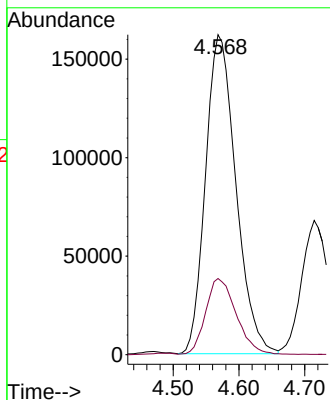
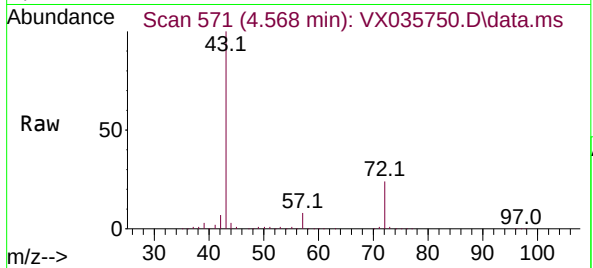
#25
2-Butanone
Concen: 329.867 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 52080
Ion Ratio Lower Upper
43 100
72 23.7 19.3 28.9

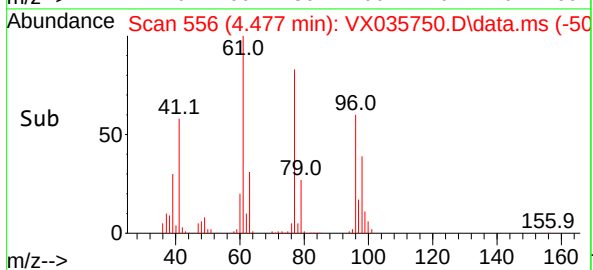
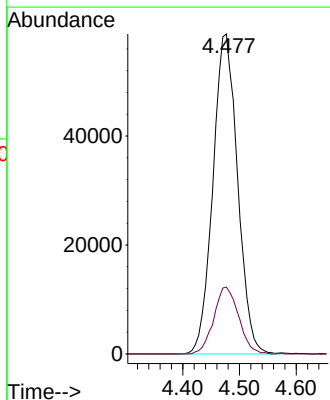
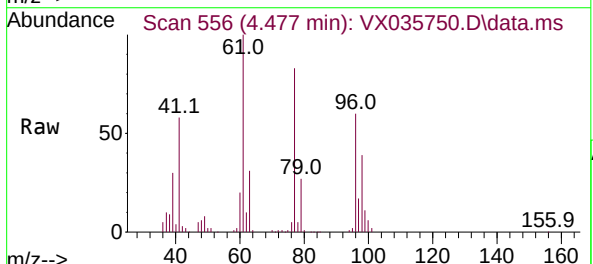
Manual Integrations
APPROVED

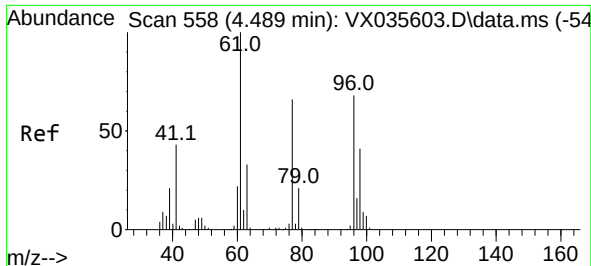
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#26
2,2-Dichloropropane
Concen: 55.129 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

Tgt Ion: 77 Resp: 177406
Ion Ratio Lower Upper
77 100
97 21.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 61.323 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX035750.D

Acq: 18 May 2023 18:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 13683

Ion Ratio Lower Upper

96 100

61 161.5 0.0 300.4

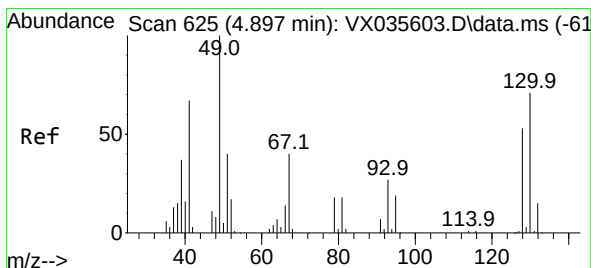
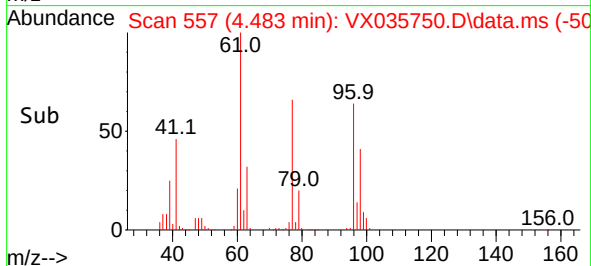
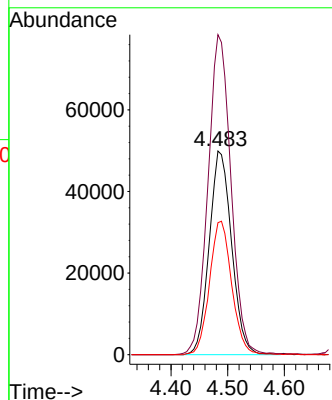
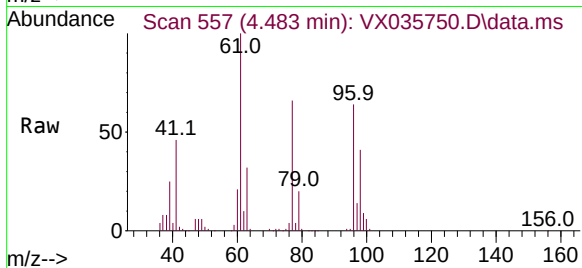
98 64.9 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#28

Bromochloromethane

Concen: 65.218 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX035750.D

Acq: 18 May 2023 18:18

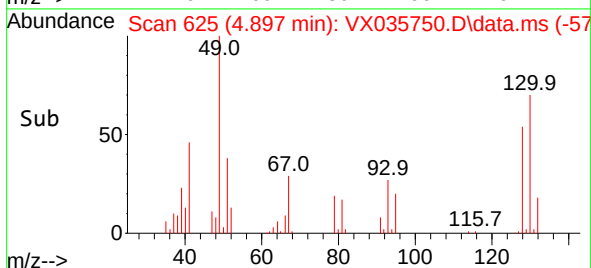
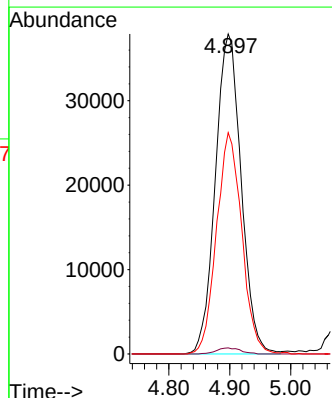
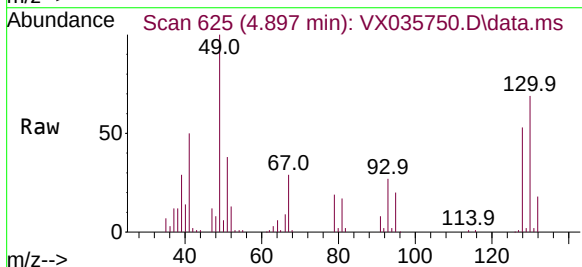
Tgt Ion: 49 Resp: 111475

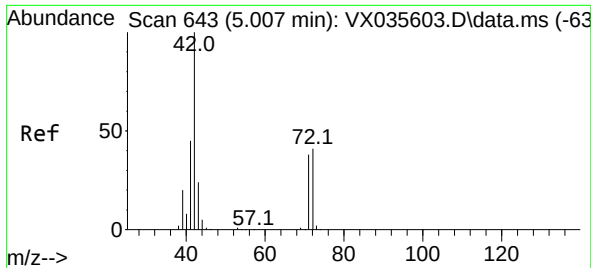
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

130 67.7 58.2 87.2





#29

Tetrahydrofuran

Concen: 335.302 ug/l

RT: 5.013 min Scan# 643

Delta R.T. 0.006 min

Lab File: VX035750.D

Acq: 18 May 2023 18:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

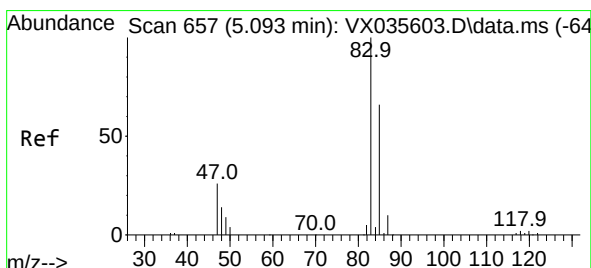
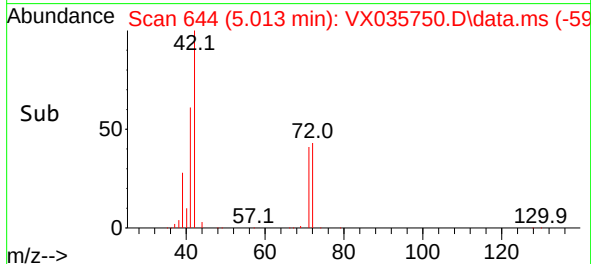
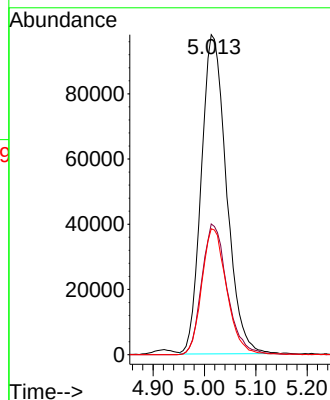
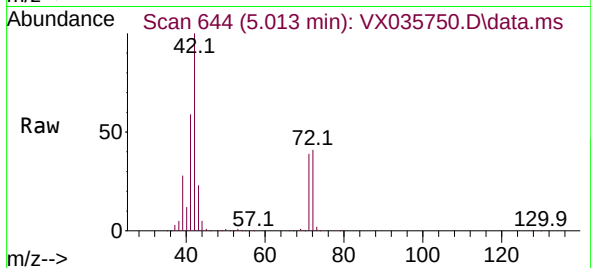
Tgt Ion:	42	Resp:	33273
Ion Ratio	Lower	Upper	
42	100		
72	41.3	34.5	51.7
71	39.1	32.1	48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#30

Chloroform

Concen: 63.553 ug/l

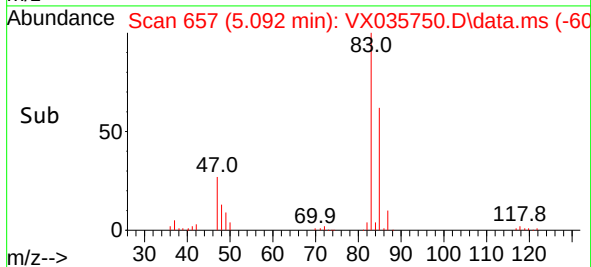
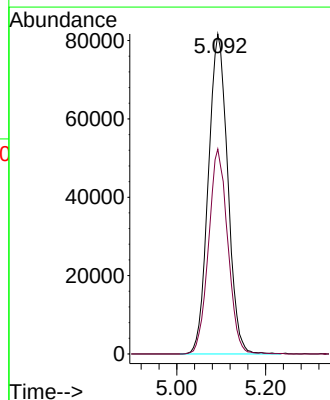
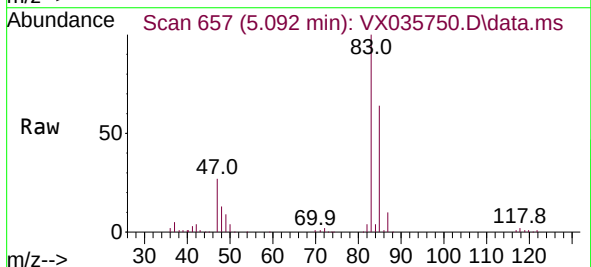
RT: 5.092 min Scan# 657

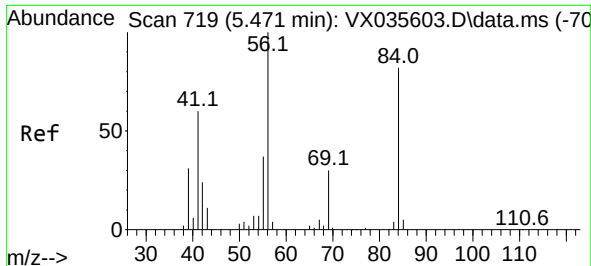
Delta R.T. -0.001 min

Lab File: VX035750.D

Acq: 18 May 2023 18:18

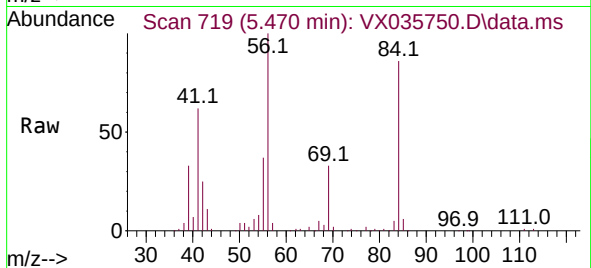
Tgt Ion:	83	Resp:	247476
Ion Ratio	Lower	Upper	
83	100		
85	64.1	50.6	76.0





#31
Cyclohexane
Concen: 49.635 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

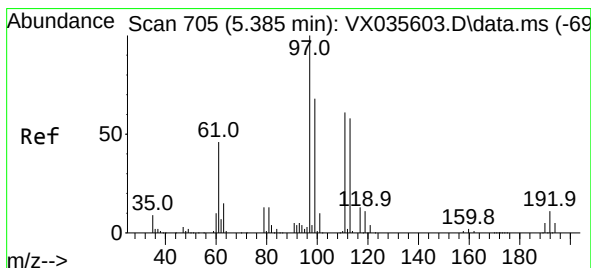
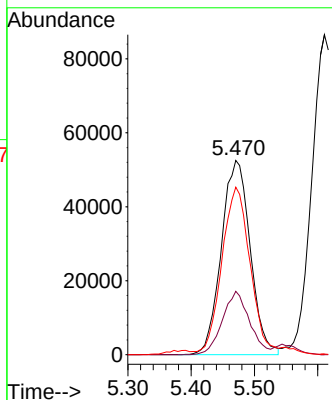
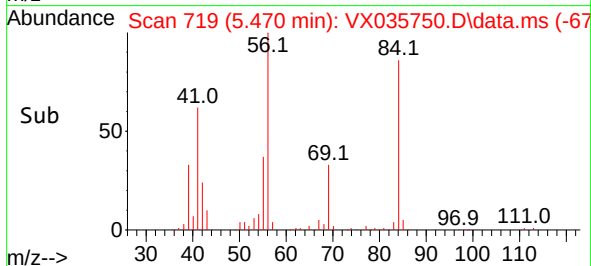
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



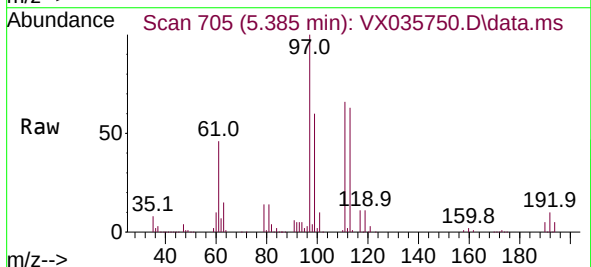
Tgt Ion: 56 Resp: 16640
Ion Ratio Lower Upper
56 100
69 32.7 23.7 35.5
84 84.6 68.5 102.7

Manual Integrations
APPROVED

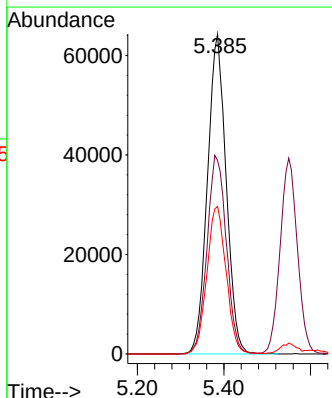
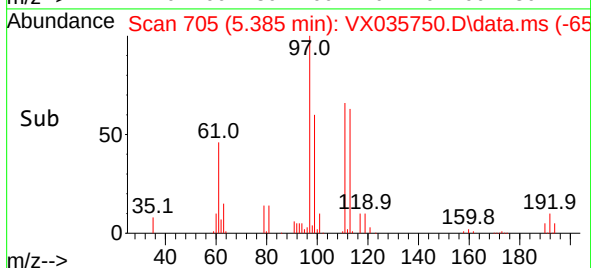
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

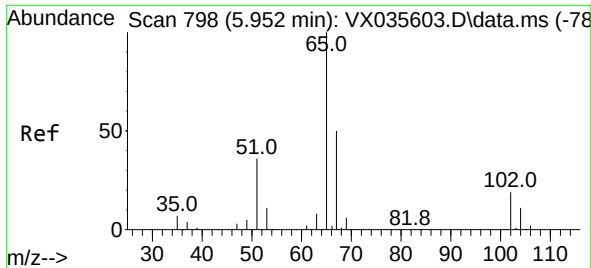


#32
1,1,1-Trichloroethane
Concen: 56.839 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18



Tgt Ion: 97 Resp: 192575
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 47.7 36.5 54.7





#33
1,2-Dichloroethane-d4
Concen: 66.462 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

Instrument :

MSVOA_X

ClientSampleId :

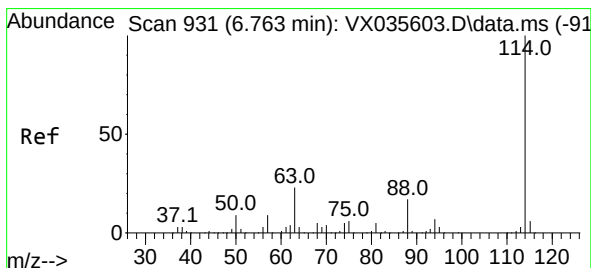
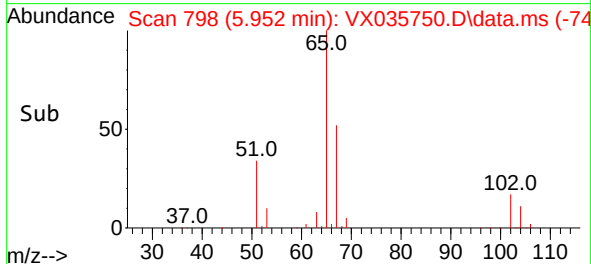
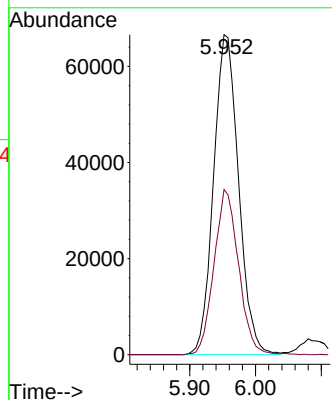
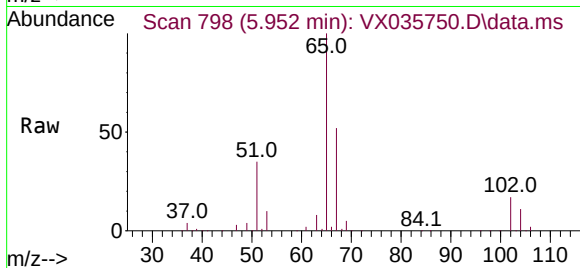
VSTDCCC050EC

Tgt Ion: 65 Resp: 17636
Ion Ratio Lower Upper
65 100
67 50.7 0.0 104.0

Manual Integrations

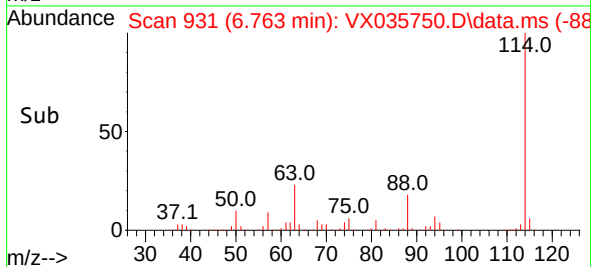
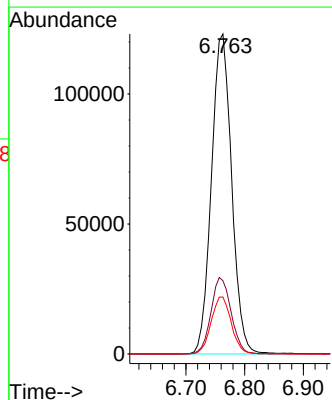
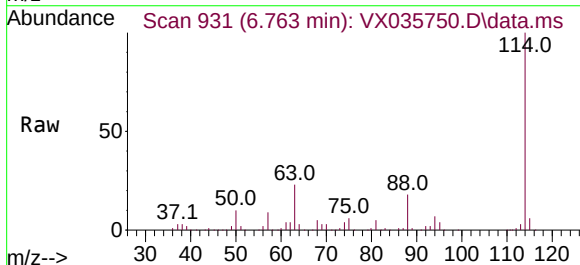
APPROVED

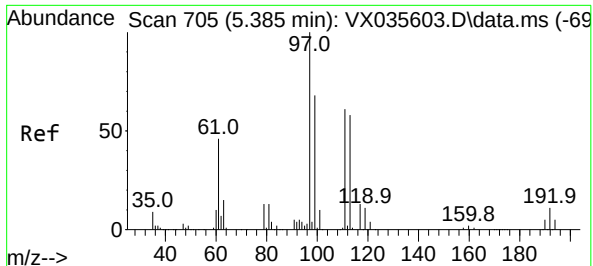
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

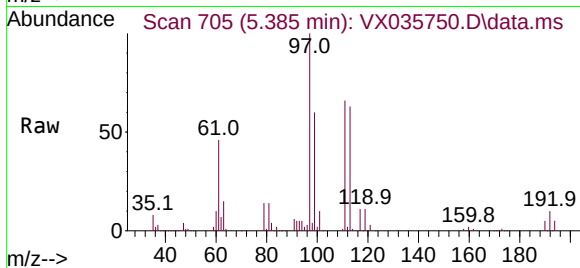
Tgt Ion:114 Resp: 294216
Ion Ratio Lower Upper
114 100
63 22.9 0.0 42.2
88 17.8 0.0 33.2





#35
Dibromofluoromethane
Concen: 59.512 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

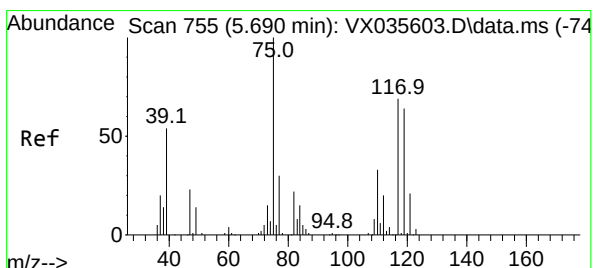
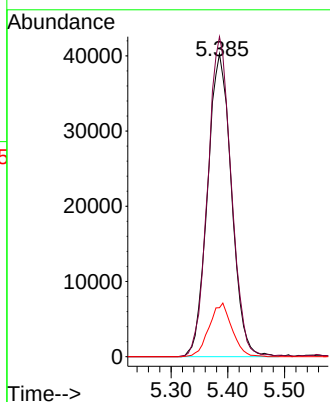
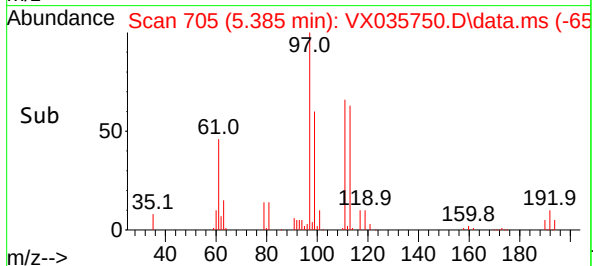
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 11808
Ion Ratio Lower Upper
113 100
111 103.4 83.7 125.5
192 16.8 15.4 23.2

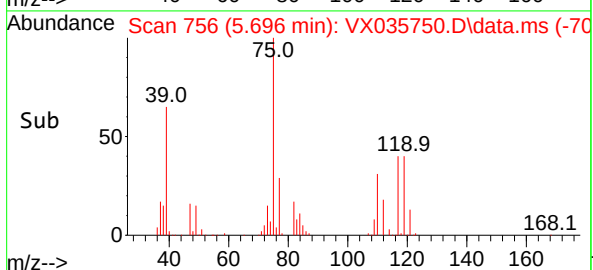
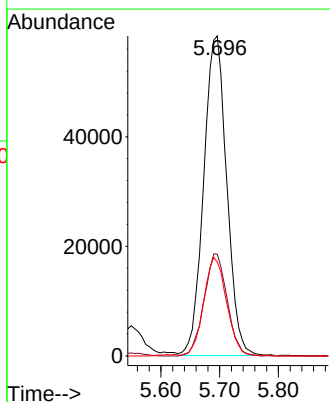
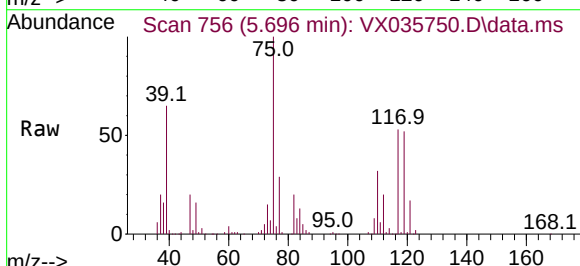
Manual Integrations
APPROVED

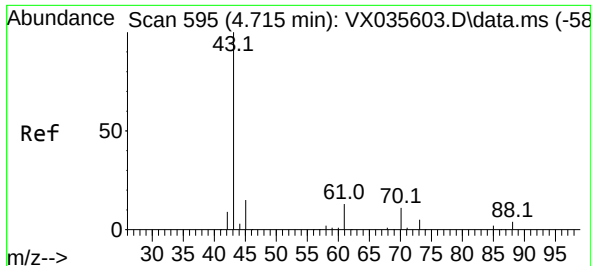
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#36
1,1-Dichloropropene
Concen: 50.786 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

Tgt Ion: 75 Resp: 159060
Ion Ratio Lower Upper
75 100
110 32.0 17.5 52.5
77 30.7 24.3 36.5





#37

Ethyl Acetate

Concen: 62.024 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.001 min

Lab File: VX035750.D

Acq: 18 May 2023 18:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 202614

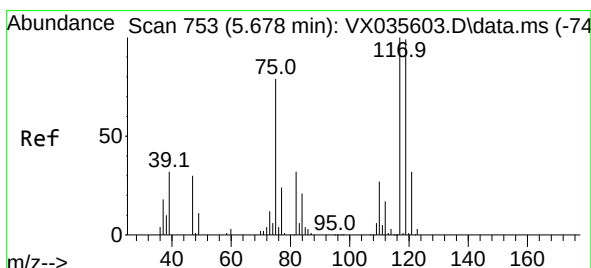
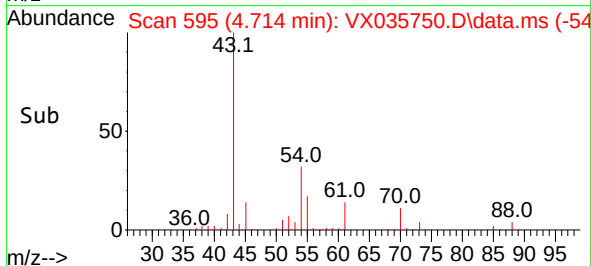
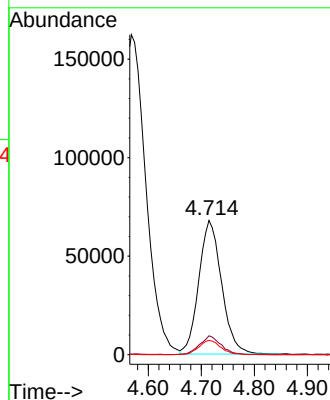
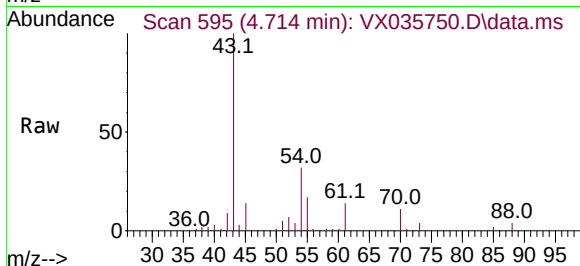
Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.2	15.4
70	10.3	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#38

Carbon Tetrachloride

Concen: 48.874 ug/l

RT: 5.678 min Scan# 753

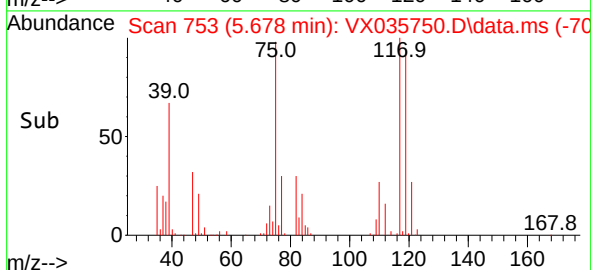
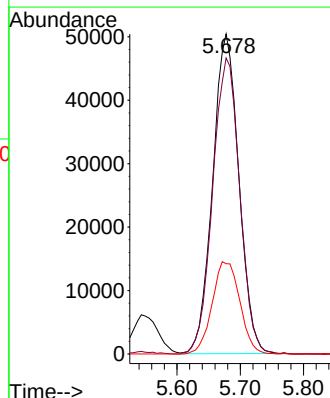
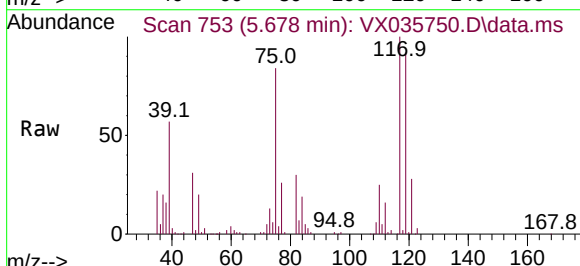
Delta R.T. -0.000 min

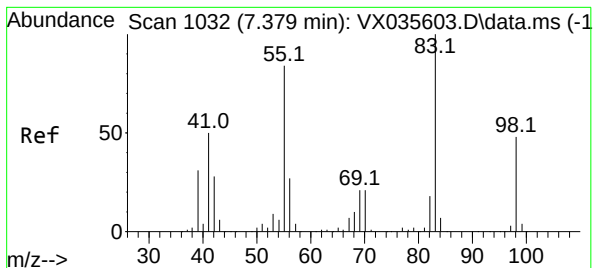
Lab File: VX035750.D

Acq: 18 May 2023 18:18

Tgt Ion:117 Resp: 145004

Ion	Ratio	Lower	Upper
117	100		
119	92.6	76.6	114.8
121	28.2	23.8	35.6





#39

Methylcyclohexane

Concen: 43.260 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX035750.D

Acq: 18 May 2023 18:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 159489

Ion Ratio Lower Upper

83 100

55 84.0 60.5 90.7

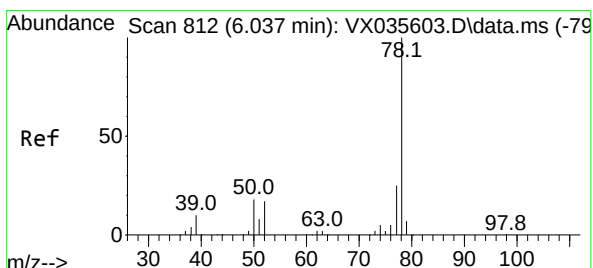
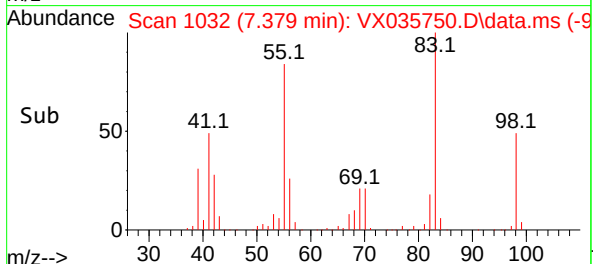
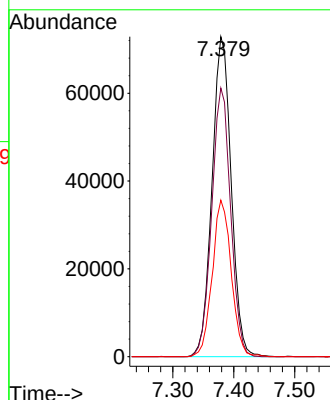
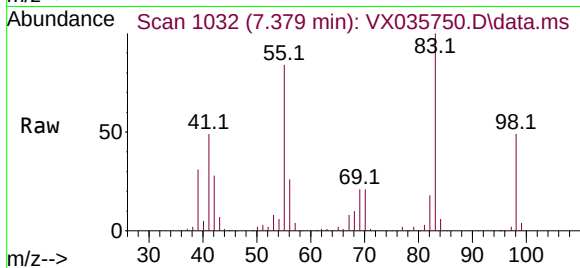
98 48.9 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#40

Benzene

Concen: 56.960 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX035750.D

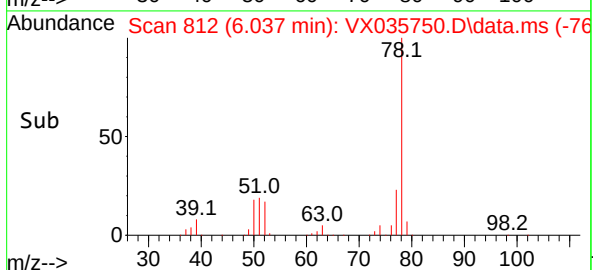
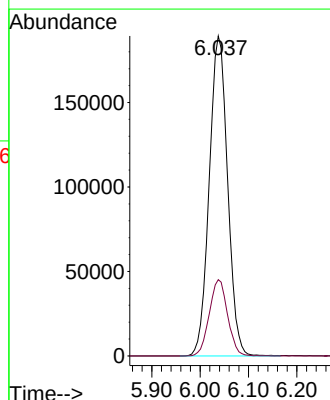
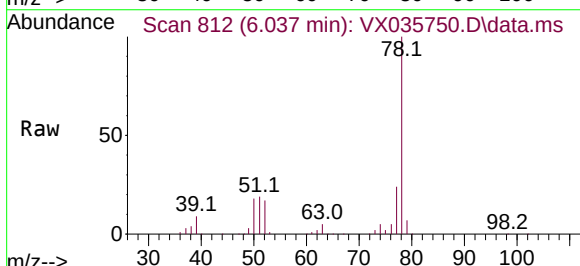
Acq: 18 May 2023 18:18

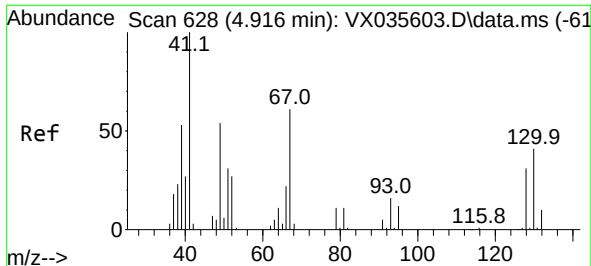
Tgt Ion: 78 Resp: 499068

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.4





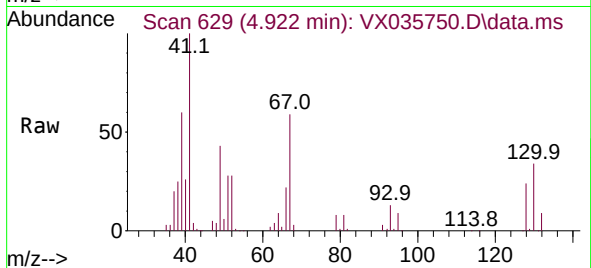
#41
Methacrylonitrile
Concen: 62.705 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



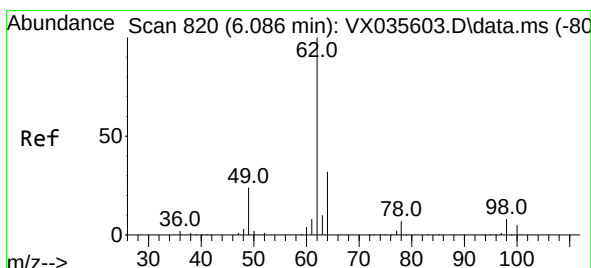
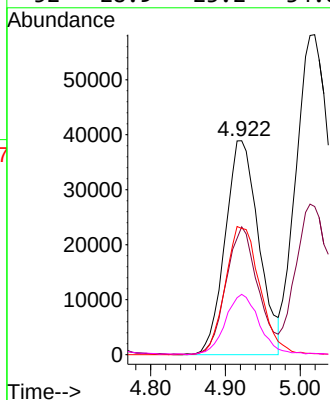
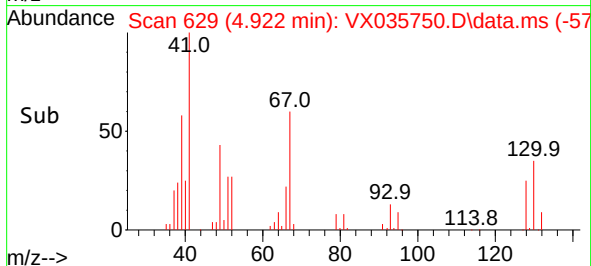
Tgt Ion: 41 Resp: 12162
Ion Ratio Lower Upper
41 100
39 56.6 45.0 67.6
67 62.0 55.6 83.4
52 28.9 23.2 34.8

Manual Integrations

APPROVED

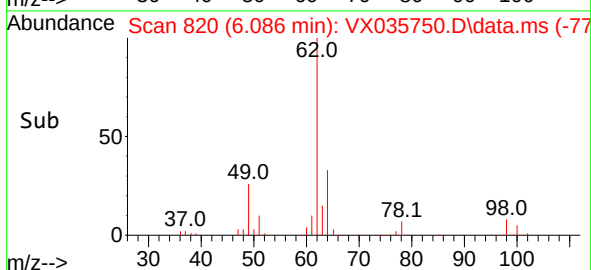
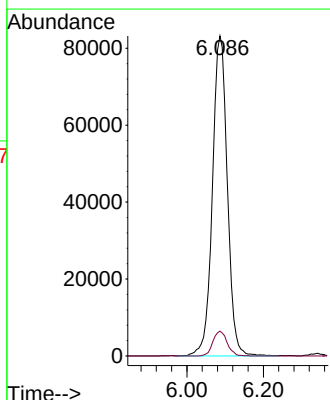
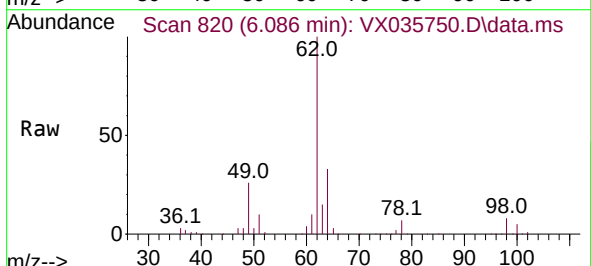
Reviewed By :John Carlone 05/19/2023

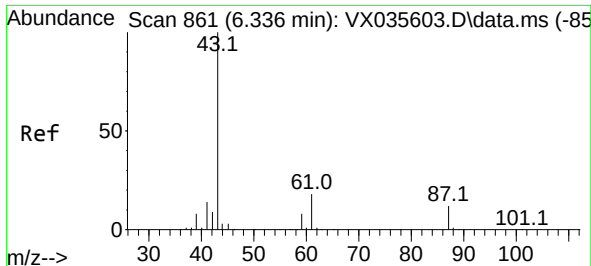
Supervised By :Mahesh Dadoda 05/19/2023



#42
1,2-Dichloroethane
Concen: 59.753 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

Tgt Ion: 62 Resp: 225210
Ion Ratio Lower Upper
62 100
98 7.4 0.0 18.0





#43

Isopropyl Acetate

Concen: 59.417 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX035750.D

Acq: 18 May 2023 18:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 33846

Ion Ratio Lower Upper

43 100

61 18.4 15.2 22.8

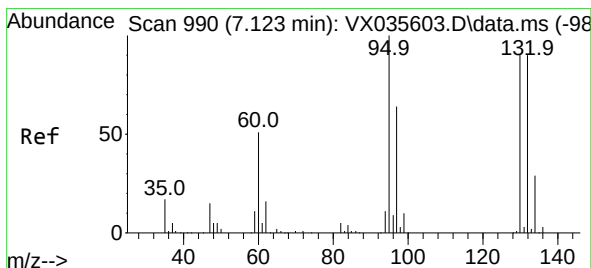
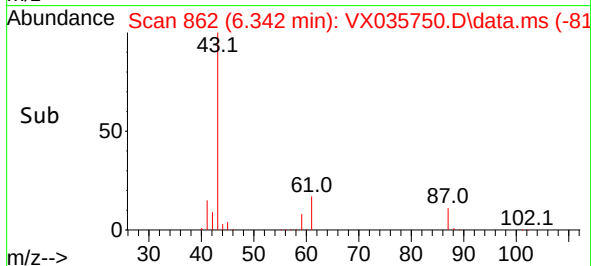
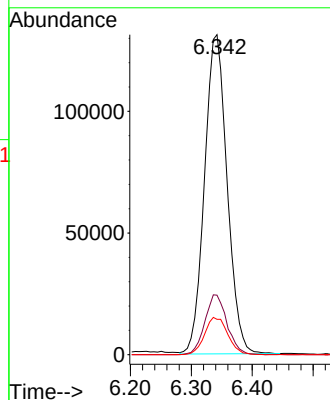
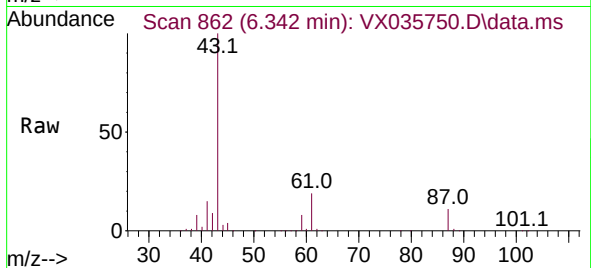
87 12.0 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#44

Trichloroethene

Concen: 53.345 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX035750.D

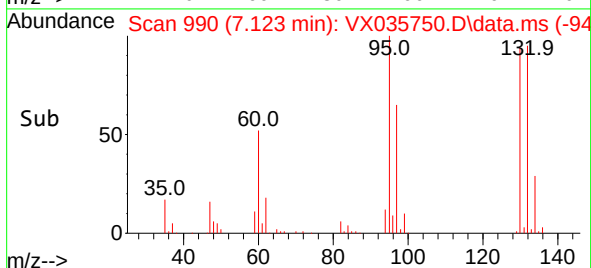
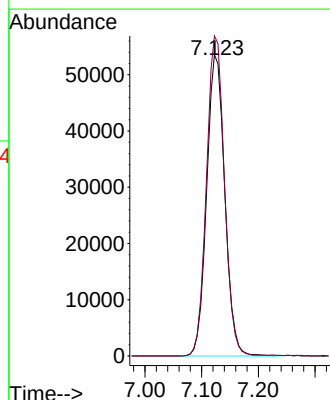
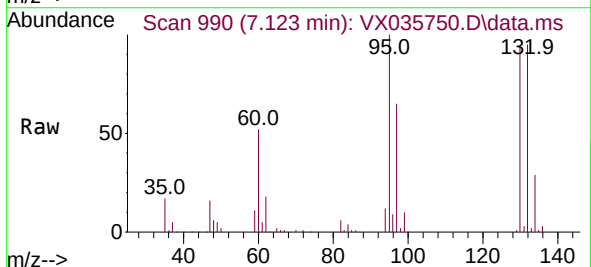
Acq: 18 May 2023 18:18

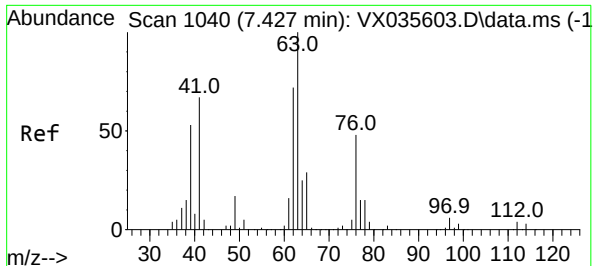
Tgt Ion:130 Resp: 118512

Ion Ratio Lower Upper

130 100

95 106.2 0.0 198.4





#45

1,2-Dichloropropane

Concen: 58.898 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035750.D

Acq: 18 May 2023 18:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 136672

Ion Ratio Lower Upper

63 100

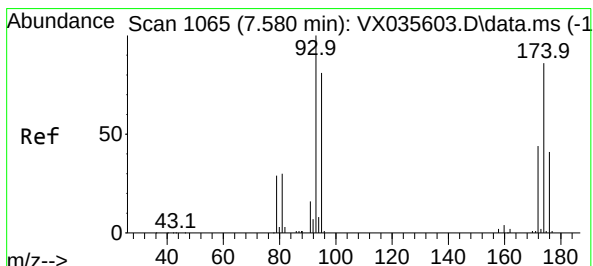
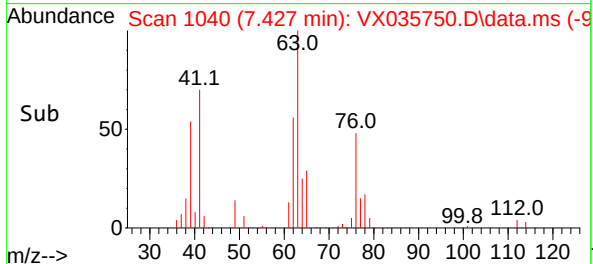
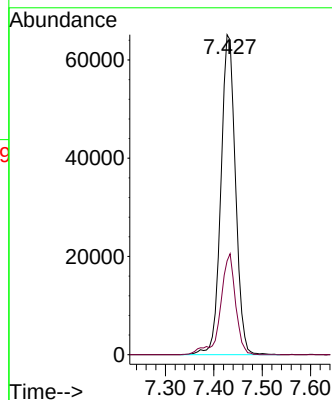
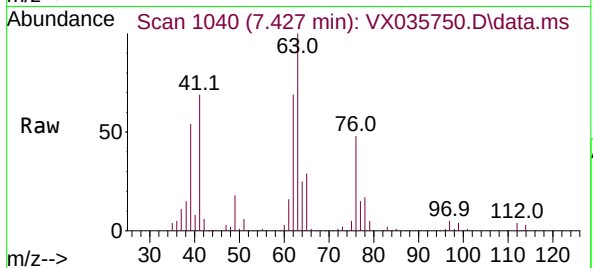
65 29.3 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#46

Dibromomethane

Concen: 59.554 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035750.D

Acq: 18 May 2023 18:18

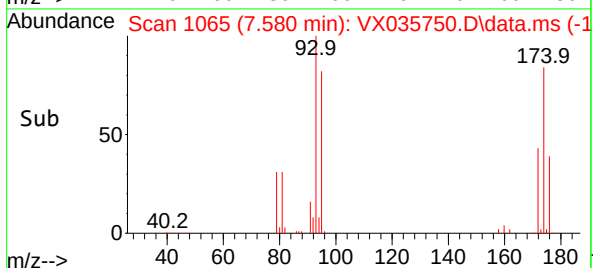
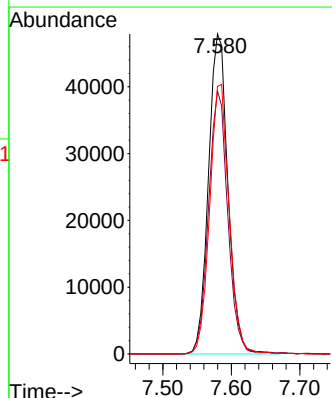
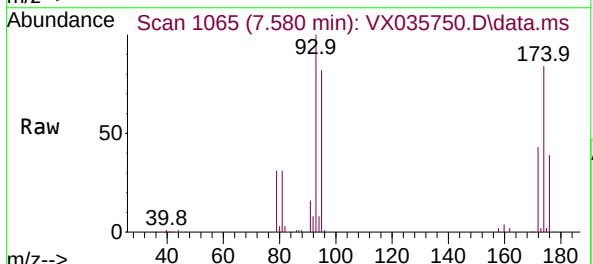
Tgt Ion: 93 Resp: 94596

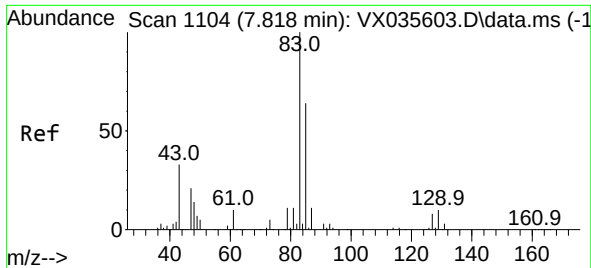
Ion Ratio Lower Upper

93 100

95 81.5 66.9 100.3

174 84.3 75.4 113.0





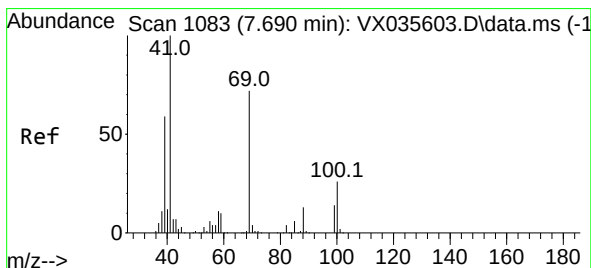
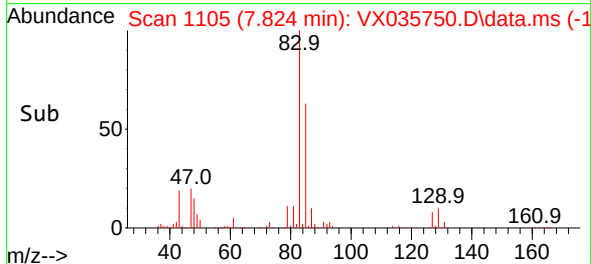
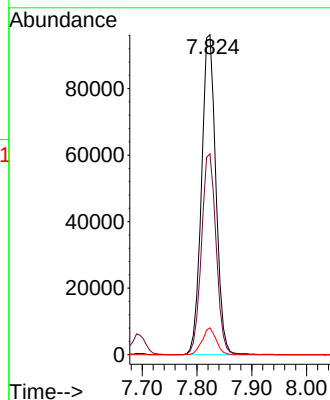
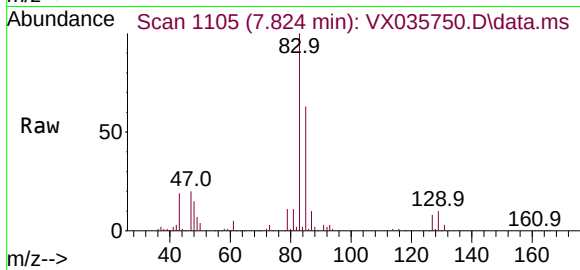
#47
Bromodichloromethane
Concen: 56.940 ug/l
RT: 7.824 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 174815
Ion Ratio Lower Upper
83 100
85 62.8 52.2 78.4
127 8.4 6.6 9.8

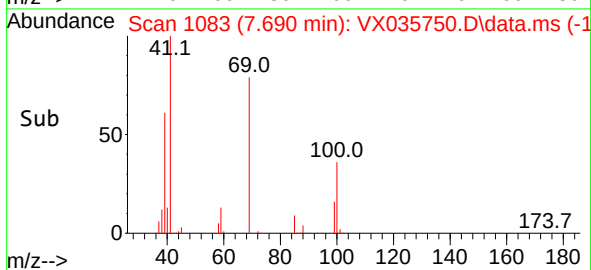
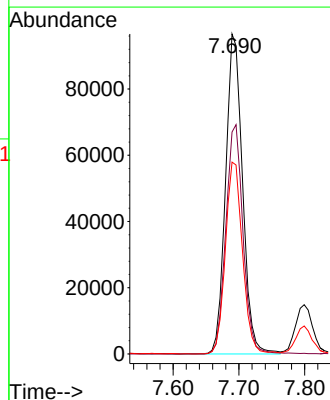
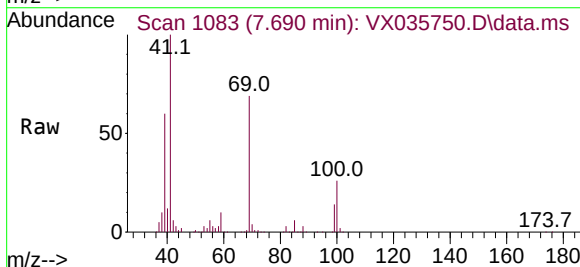
Manual Integrations
APPROVED

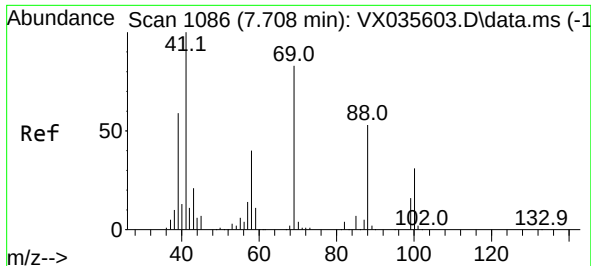
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#48
Methyl methacrylate
Concen: 61.762 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

Tgt Ion: 41 Resp: 173629
Ion Ratio Lower Upper
41 100
69 72.8 62.2 93.4
39 60.8 47.7 71.5





#49

1,4-Dioxane

Concen: 1180.842 ug/l

RT: 7.744 min Scan# 1086

Delta R.T. 0.036 min

Lab File: VX035750.D

Acq: 18 May 2023 18:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 66064

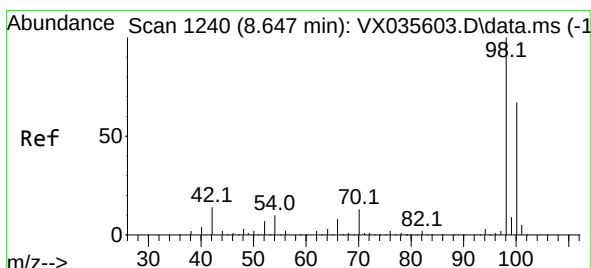
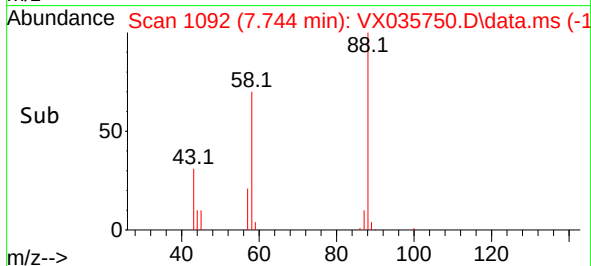
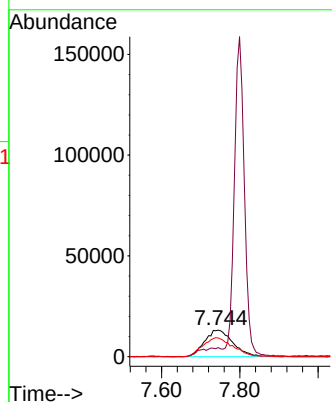
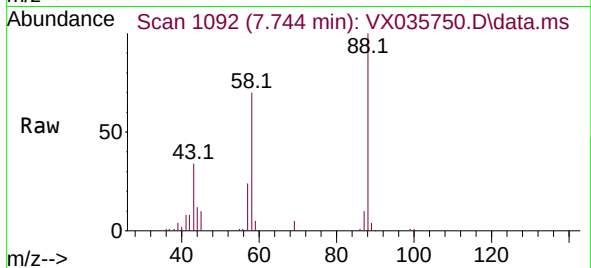
Ion	Ratio	Lower	Upper
88	100		
43	20.4	27.7	41.5
58	75.8	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#50

Toluene-d8

Concen: 57.147 ug/l

RT: 8.647 min Scan# 1240

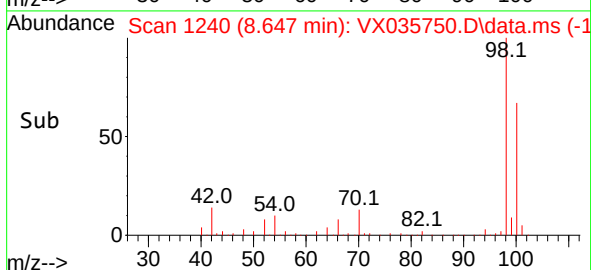
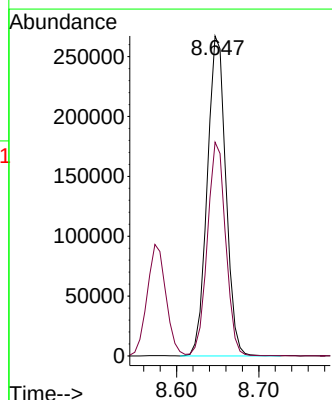
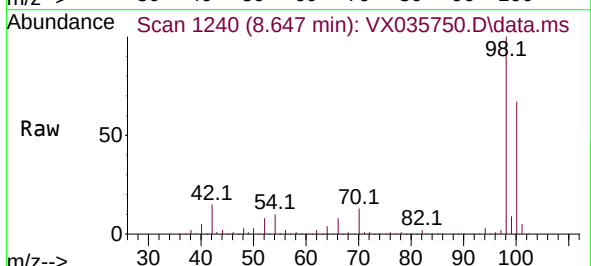
Delta R.T. -0.000 min

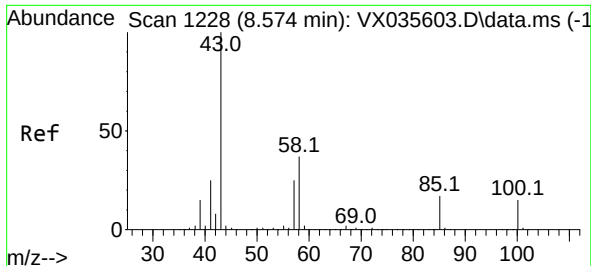
Lab File: VX035750.D

Acq: 18 May 2023 18:18

Tgt Ion: 98 Resp: 418891

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 315.666 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

Instrument :

MSVOA_X

ClientSampleId :

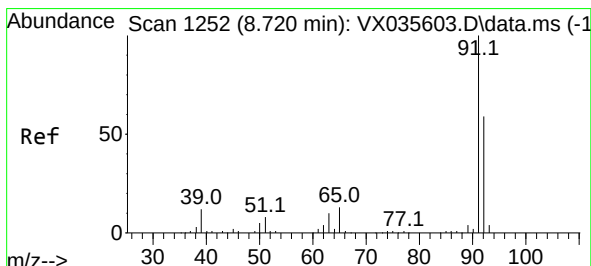
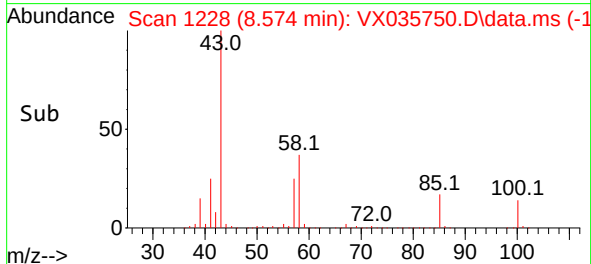
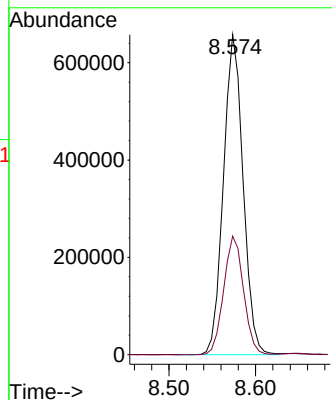
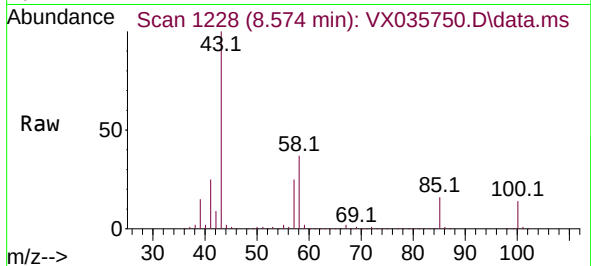
VSTDCCC050EC

Tgt Ion: 43 Resp: 1035940
Ion Ratio Lower Upper
43 100
58 37.3 30.6 46.0

Manual Integrations

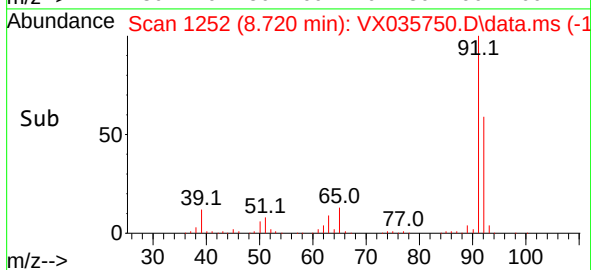
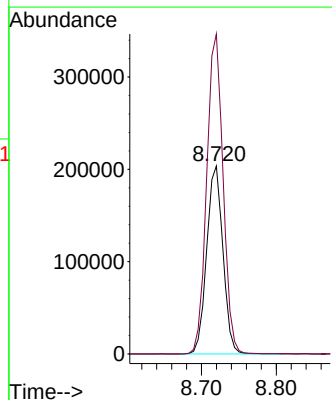
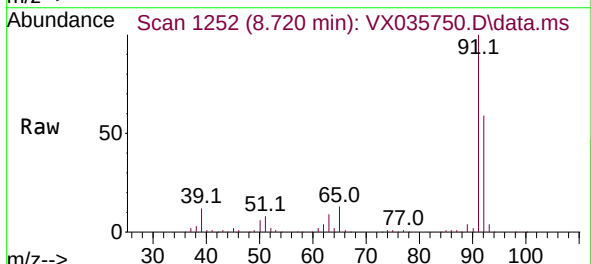
APPROVED

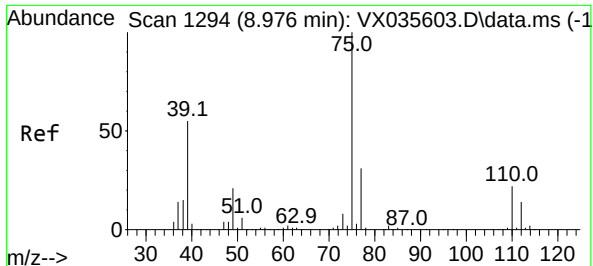
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#52
Toluene
Concen: 55.513 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

Tgt Ion: 92 Resp: 307028
Ion Ratio Lower Upper
92 100
91 172.0 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 58.552 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX035750.D

Acq: 18 May 2023 18:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 19530

Ion Ratio Lower Upper

75 100

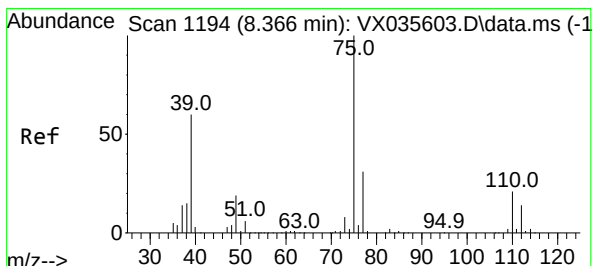
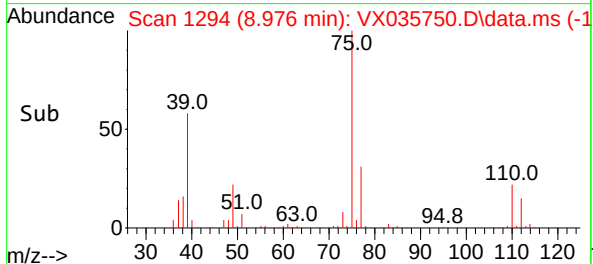
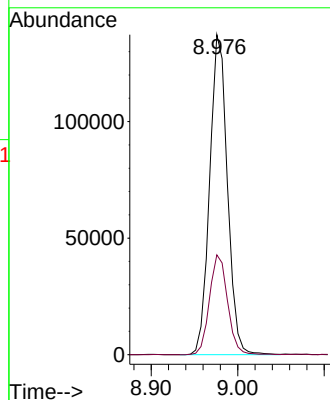
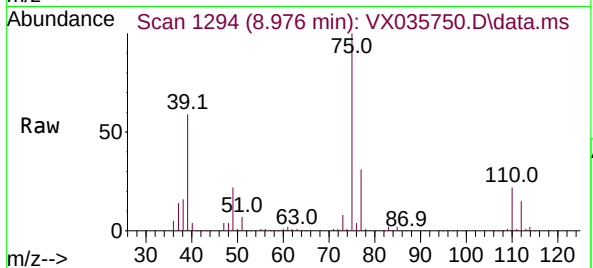
77 31.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#54

cis-1,3-Dichloropropene

Concen: 58.717 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035750.D

Acq: 18 May 2023 18:18

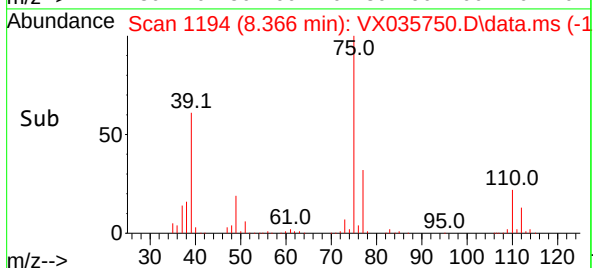
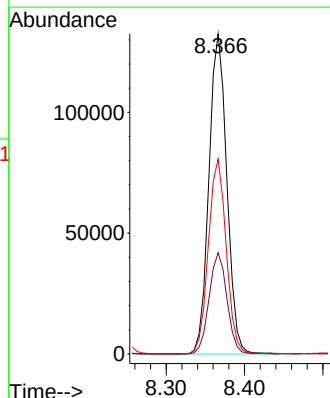
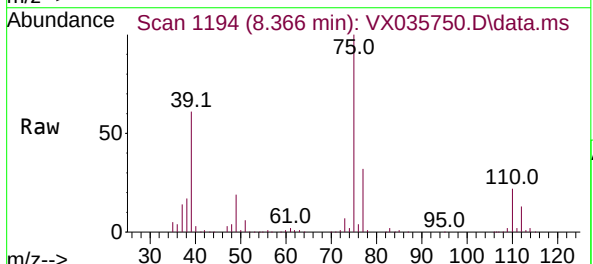
Tgt Ion: 75 Resp: 209839

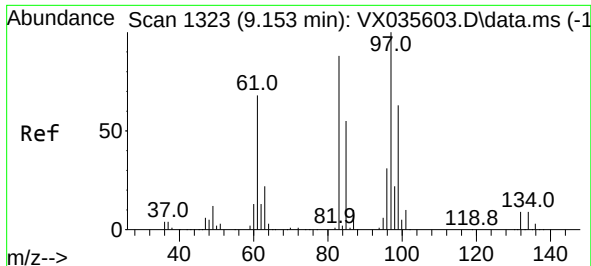
Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.4

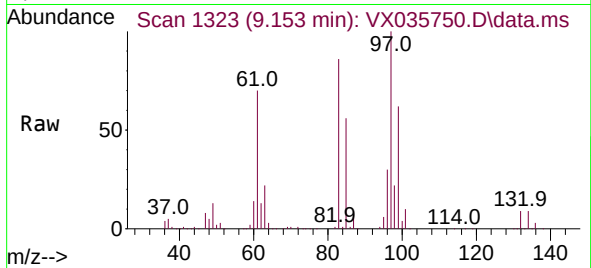
39 60.9 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 60.814 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

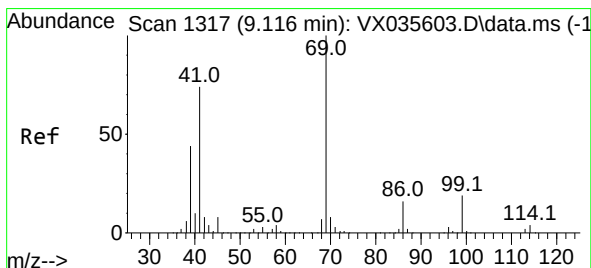
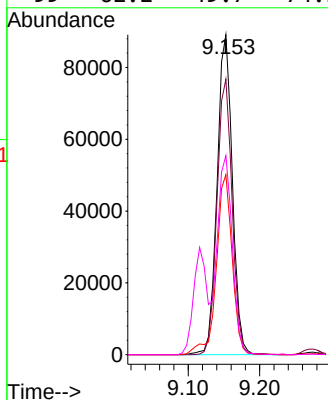
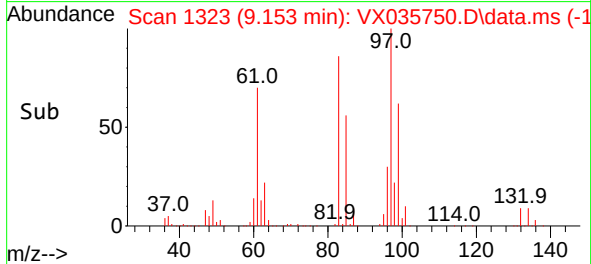
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	132104
Ion	Ratio	Lower	Upper
97	100		
83	86.1	69.7	104.5
85	56.3	43.7	65.5
99	62.2	49.7	74.5

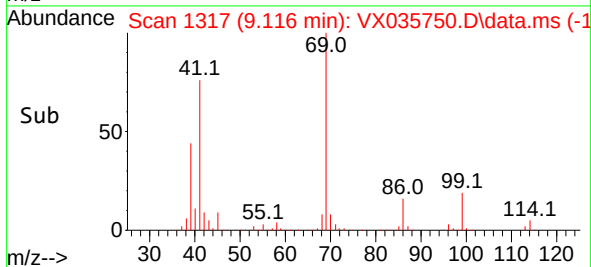
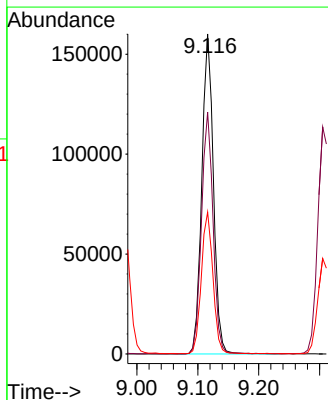
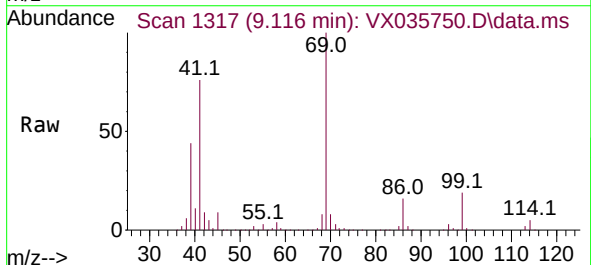
Manual Integrations
APPROVED

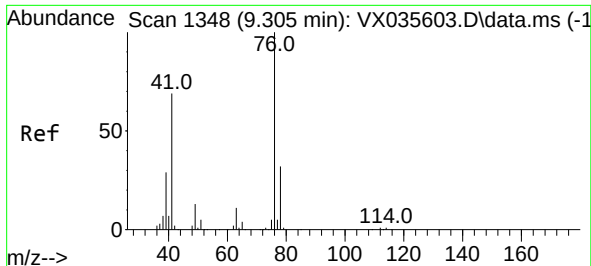
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#56
Ethyl methacrylate
Concen: 60.518 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

Tgt Ion:	69	Resp:	212893
Ion	Ratio	Lower	Upper
69	100		
41	75.6	57.4	86.0
39	44.3	33.7	50.5





#57

1,3-Dichloropropane

Concen: 59.995 ug/l

RT: 9.305 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX035750.D

Acq: 18 May 2023 18:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 236258

Ion Ratio Lower Upper

76 100

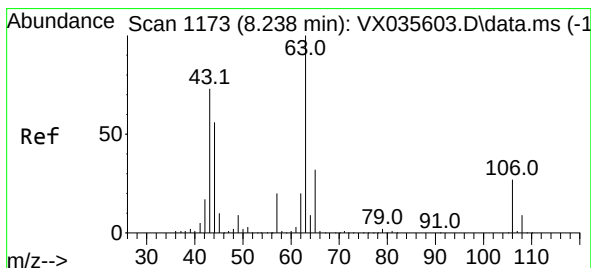
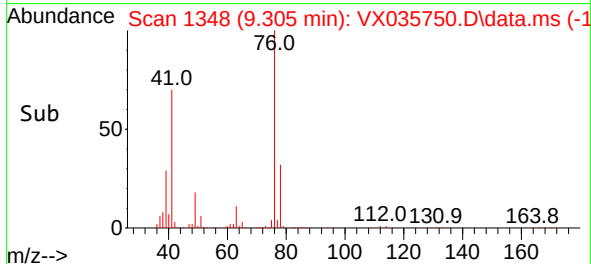
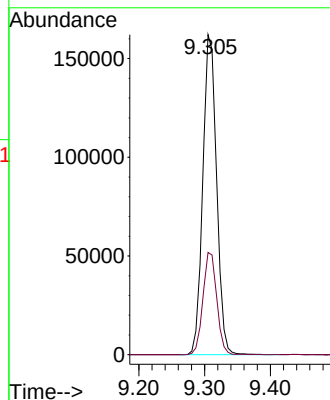
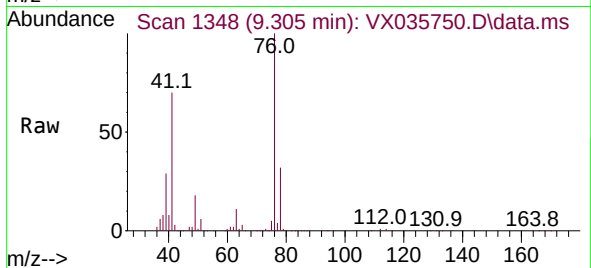
78 32.0 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#58

2-Chloroethyl Vinyl ether

Concen: 306.480 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX035750.D

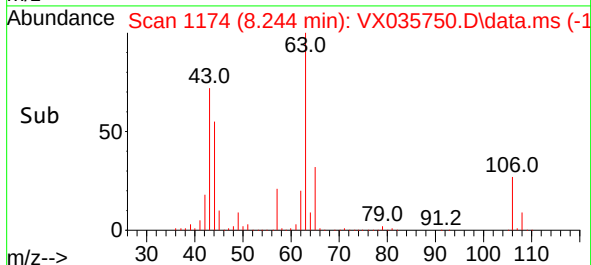
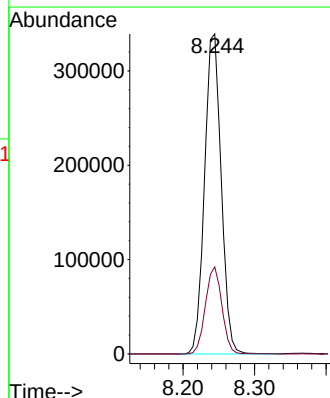
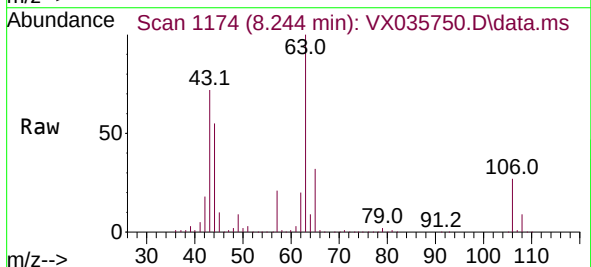
Acq: 18 May 2023 18:18

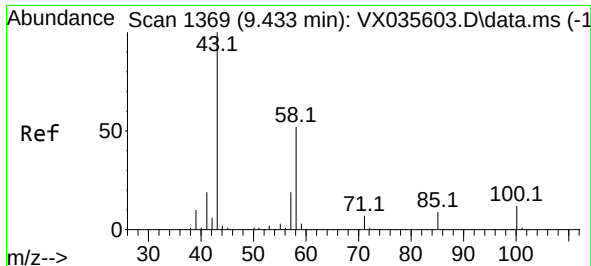
Tgt Ion: 63 Resp: 548468

Ion Ratio Lower Upper

63 100

106 26.9 22.2 33.2





#59

2-Hexanone

Concen: 315.325 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX035750.D

Acq: 18 May 2023 18:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 779318

Ion Ratio Lower Upper

43 100

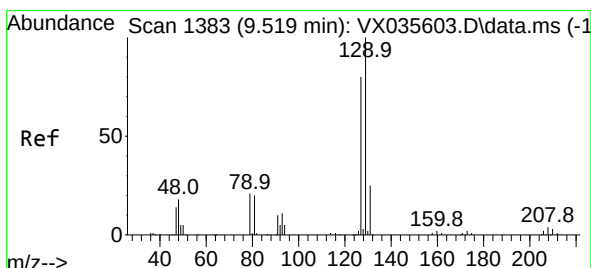
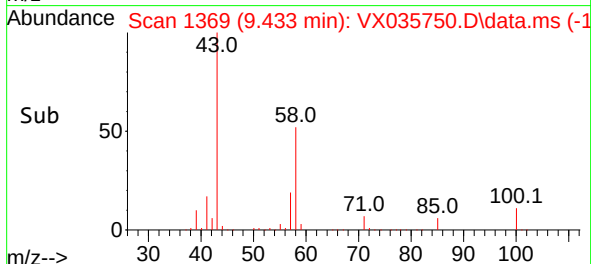
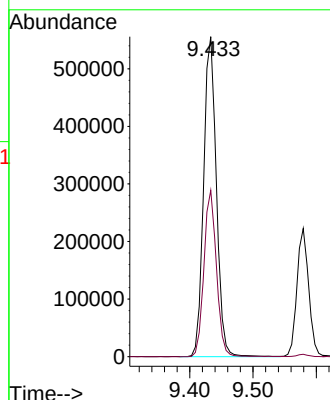
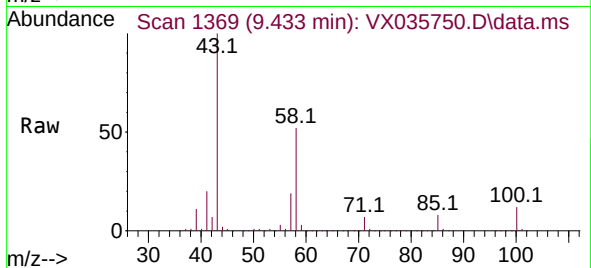
58 51.2 26.3 78.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#60

Dibromochloromethane

Concen: 58.312 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX035750.D

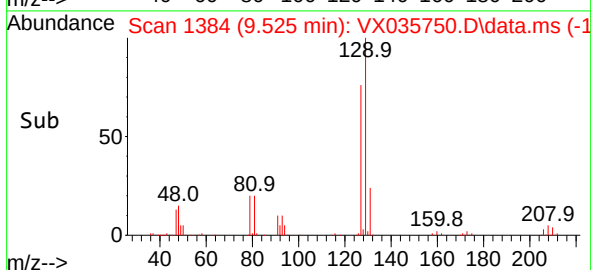
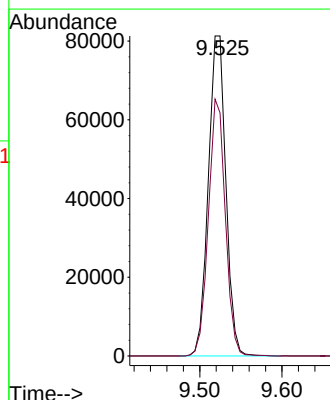
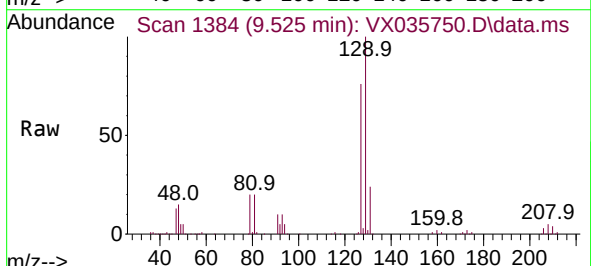
Acq: 18 May 2023 18:18

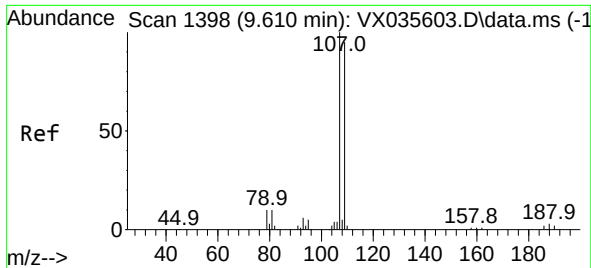
Tgt Ion:129 Resp: 120745

Ion Ratio Lower Upper

129 100

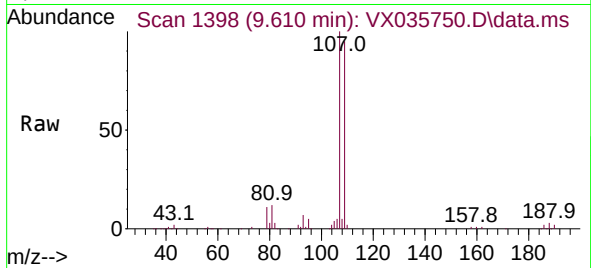
127 77.6 39.0 117.0





#61
1,2-Dibromoethane
Concen: 60.142 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

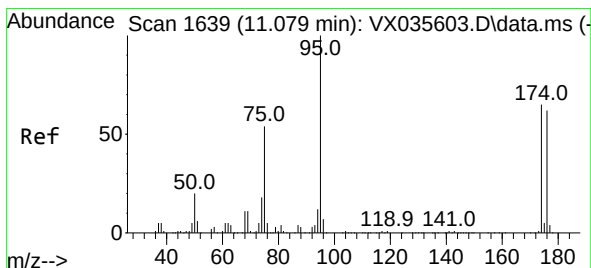
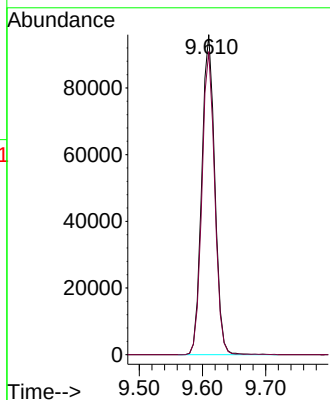
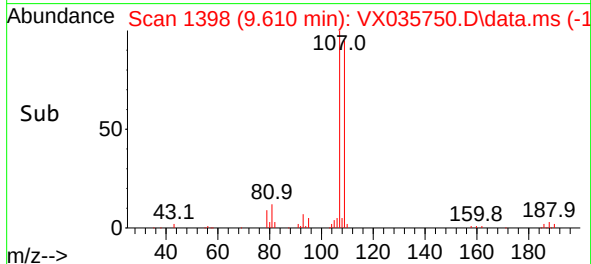
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



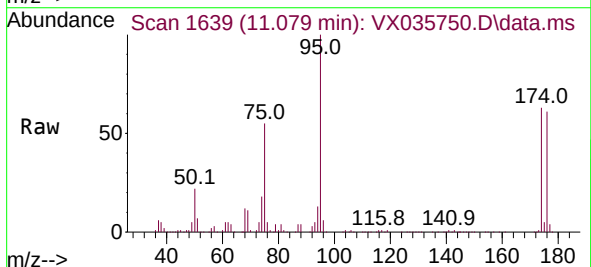
Tgt Ion:107 Resp: 137640
Ion Ratio Lower Upper
107 100
109 93.0 75.3 112.9

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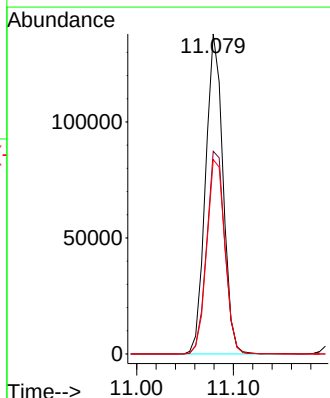
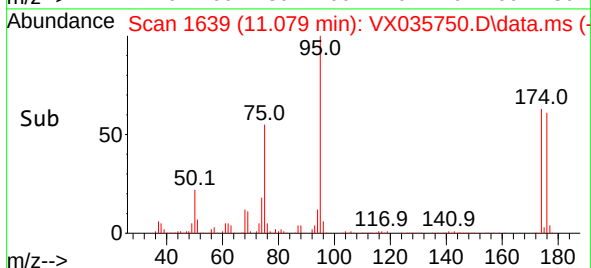
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

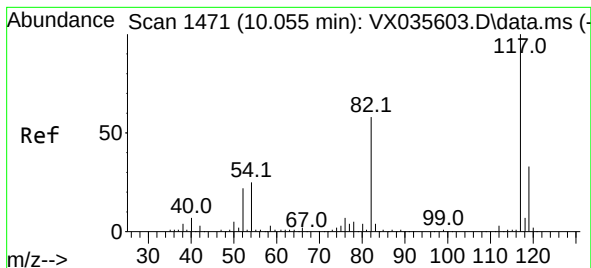


#62
4-Bromofluorobenzene
Concen: 58.649 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18



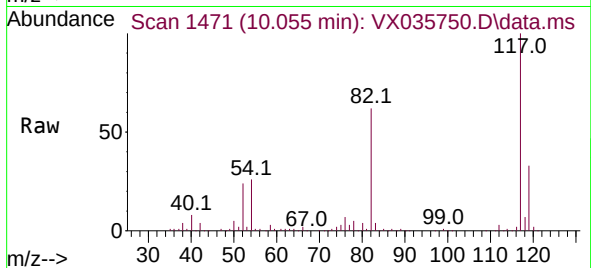
Tgt Ion: 95 Resp: 173096
Ion Ratio Lower Upper
95 100
174 65.8 0.0 147.4
176 63.5 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

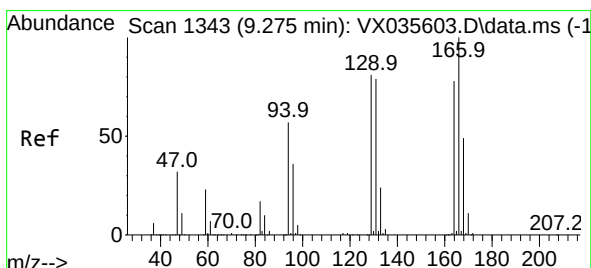
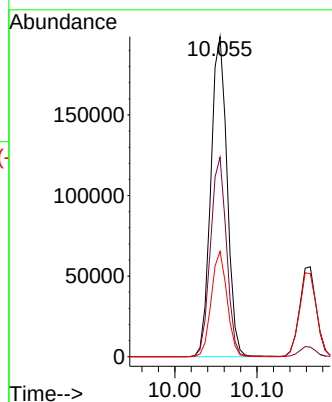
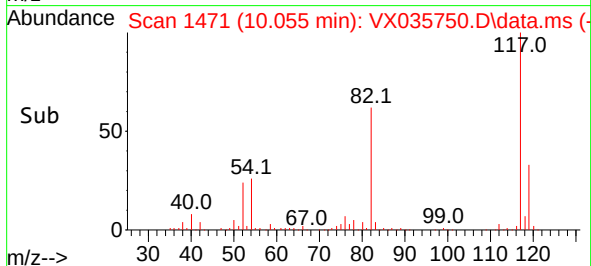
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 27274
Ion Ratio Lower Upper
117 100
82 62.3 45.0 67.4
119 32.9 26.0 39.0

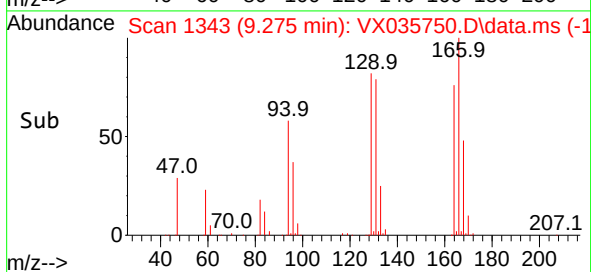
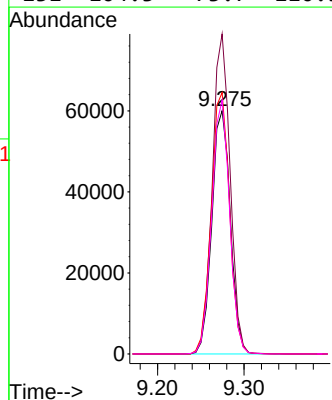
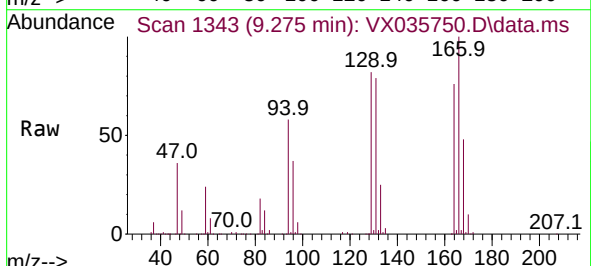
Manual Integrations
APPROVED

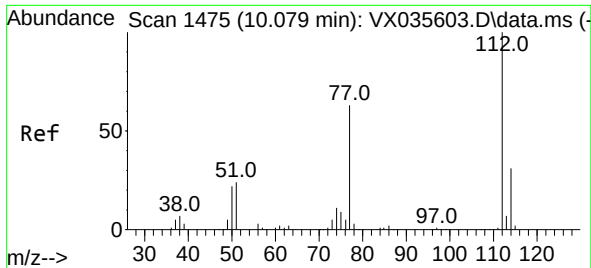
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#64
Tetrachloroethene
Concen: 48.433 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

Tgt Ion:164 Resp: 88933
Ion Ratio Lower Upper
164 100
166 131.6 102.7 154.1
129 107.6 75.6 113.4
131 104.3 73.7 110.5





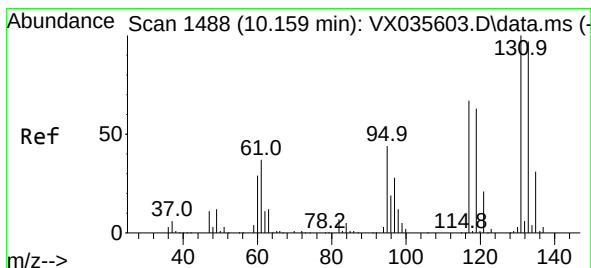
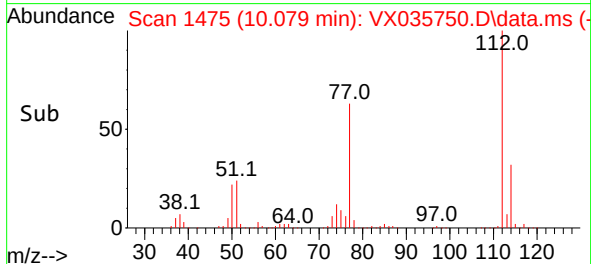
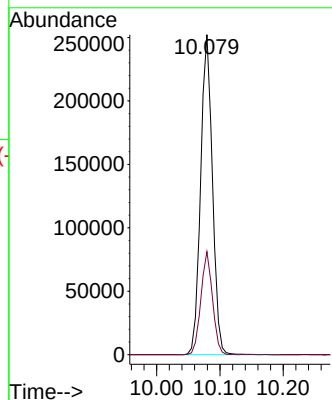
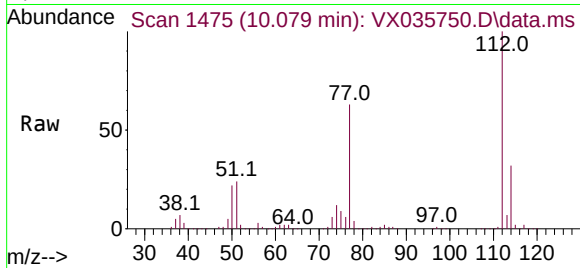
#65
Chlorobenzene
Concen: 55.018 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 32756
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.2

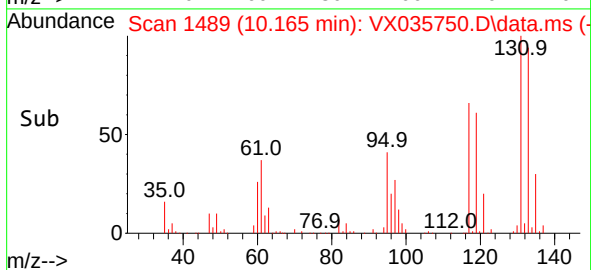
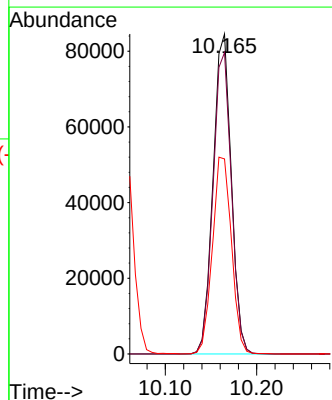
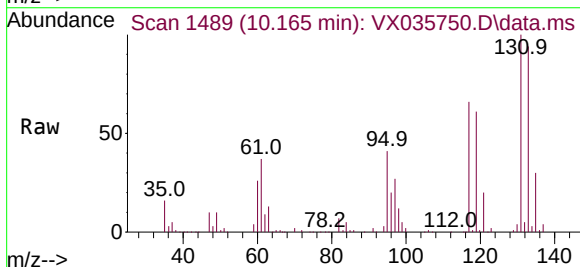
Manual Integrations
APPROVED

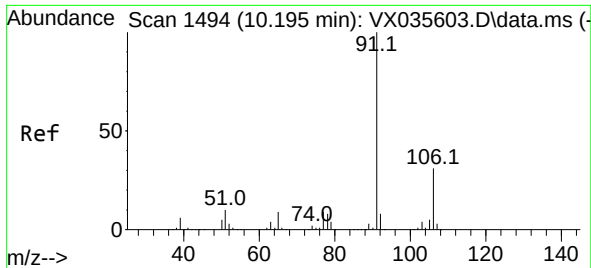
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 55.493 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

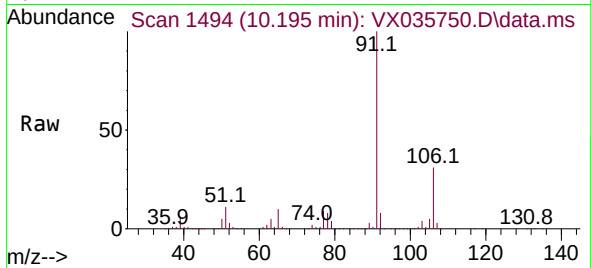
Tgt Ion:131 Resp: 116824
Ion Ratio Lower Upper
131 100
133 95.1 47.1 141.4
119 64.4 32.6 98.0





#67
Ethyl Benzene
Concen: 53.633 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

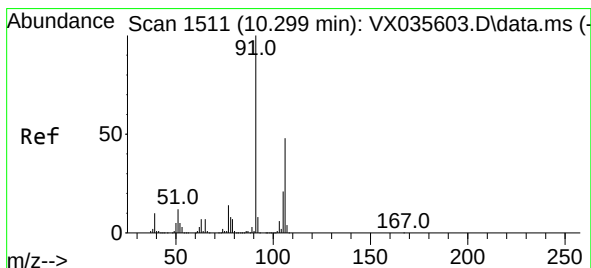
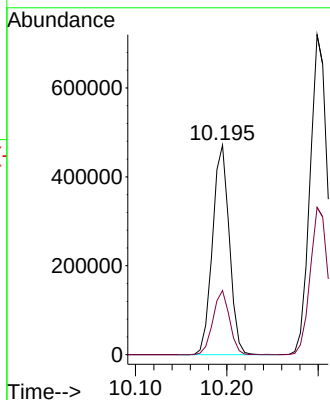
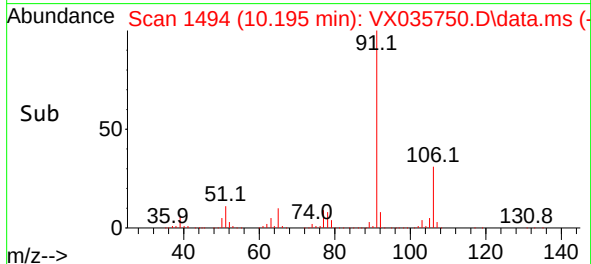
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



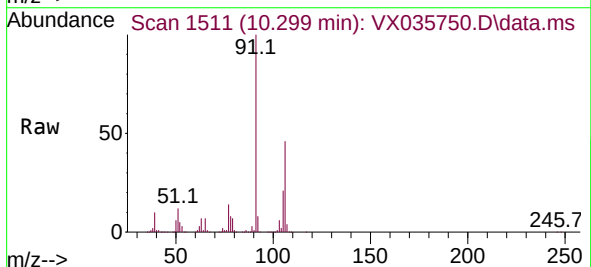
Tgt Ion: 91 Resp: 600538
Ion Ratio Lower Upper
91 100
106 30.6 25.6 38.4

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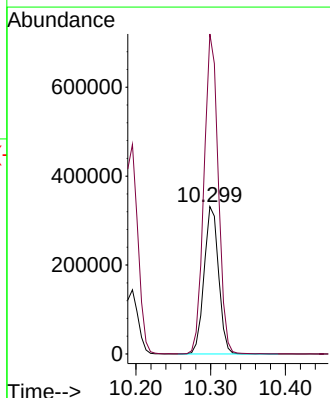
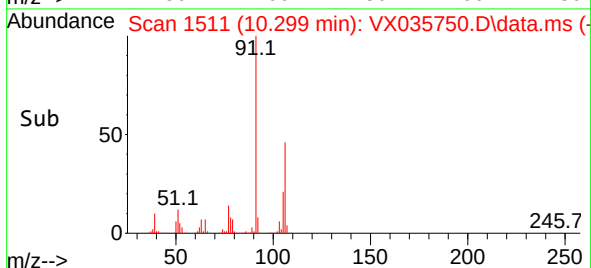
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

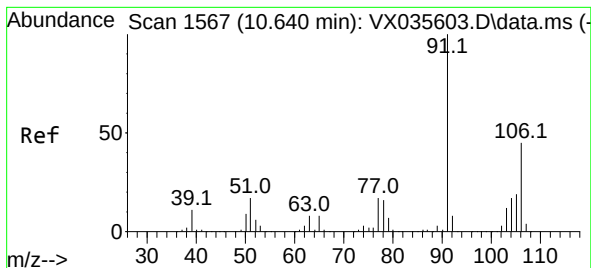


#68
m/p-Xylenes
Concen: 107.616 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18



Tgt Ion:106 Resp: 445415
Ion Ratio Lower Upper
106 100
91 214.1 164.0 246.0





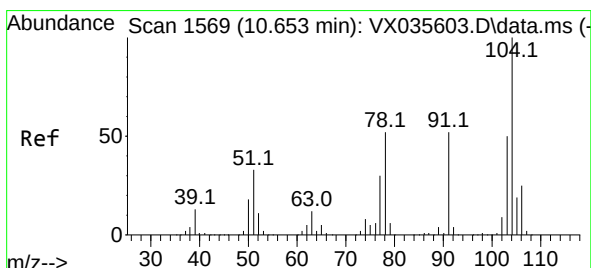
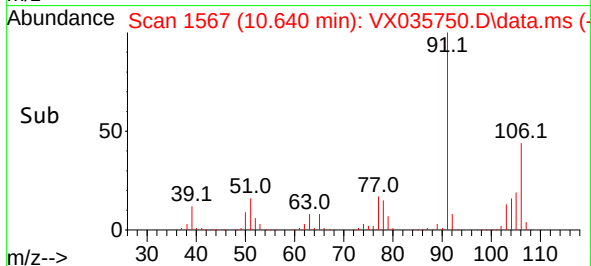
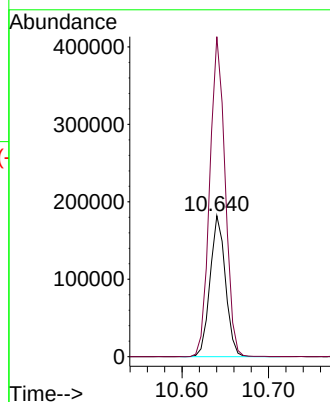
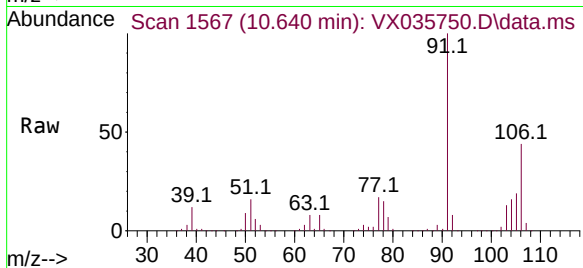
#69
o-Xylene
Concen: 54.519 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 22391
Ion Ratio Lower Upper
106 100
91 227.2 108.5 325.3

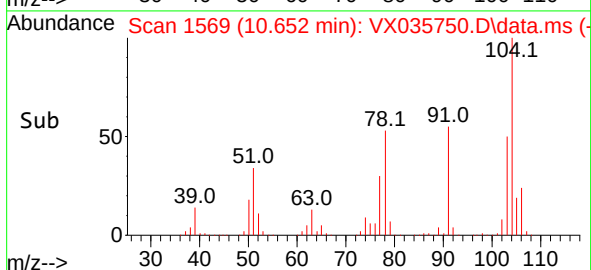
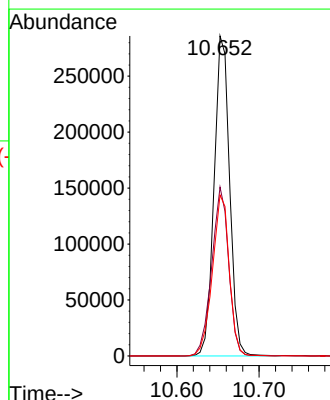
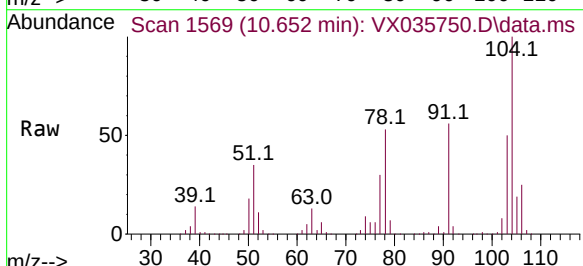
Manual Integrations
APPROVED

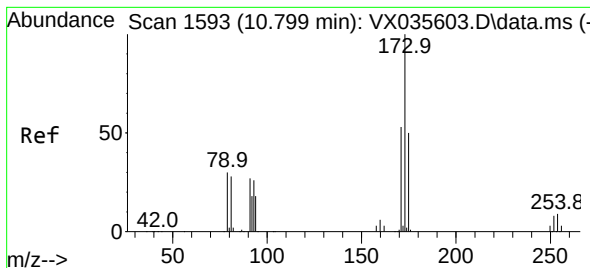
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#70
Styrene
Concen: 56.654 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.001 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

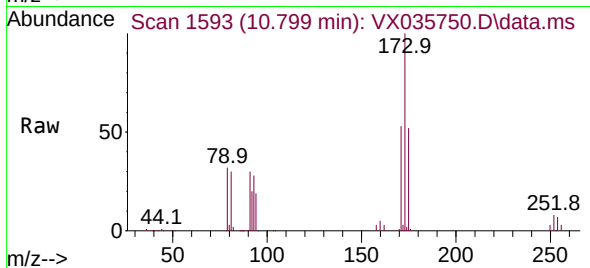
Tgt Ion:104 Resp: 375008
Ion Ratio Lower Upper
104 100
78 57.6 43.4 65.2
103 54.6 44.2 66.2





#71
Bromoform
Concen: 53.313 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

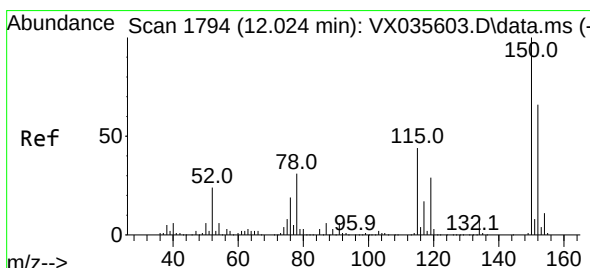
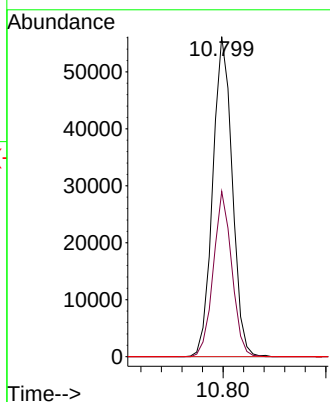
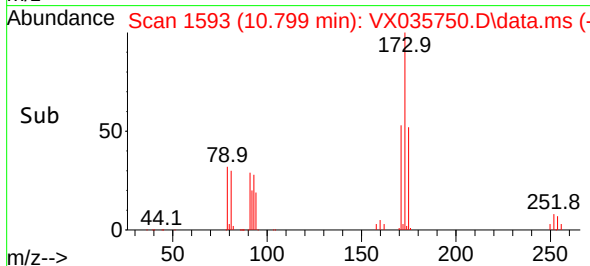
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



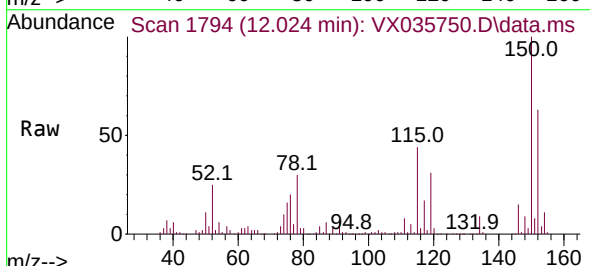
Tgt Ion:173 Resp: 7384
Ion Ratio Lower Upper
173 100
175 48.9 24.1 72.4
254 0.0 0.1 0.1

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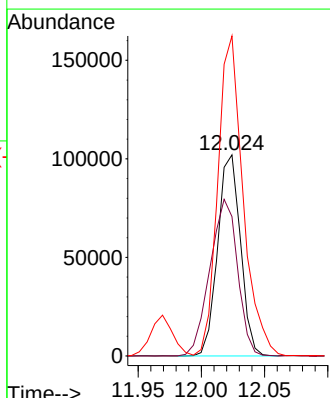
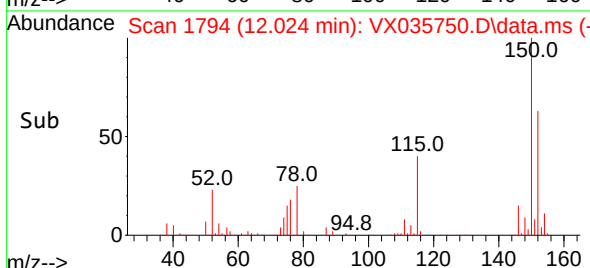
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

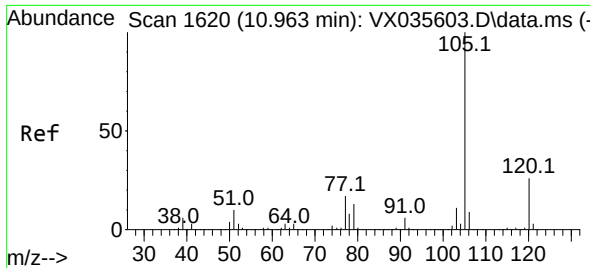


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18



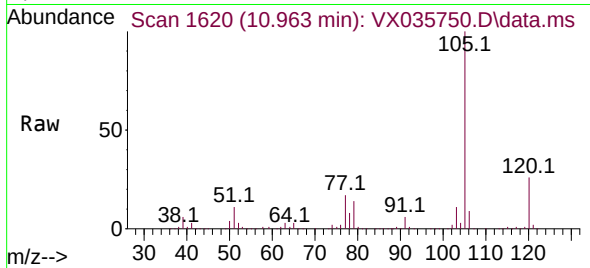
Tgt Ion:152 Resp: 127707
Ion Ratio Lower Upper
152 100
115 94.4 45.0 135.0
150 176.1 0.0 352.4





#73
Isopropylbenzene
Concen: 52.364 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

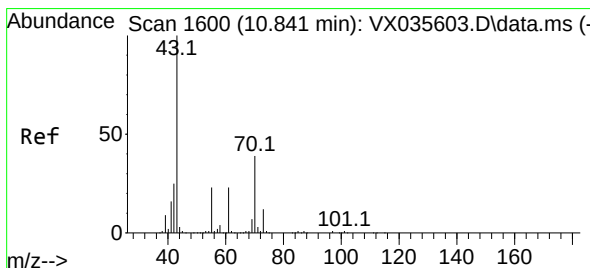
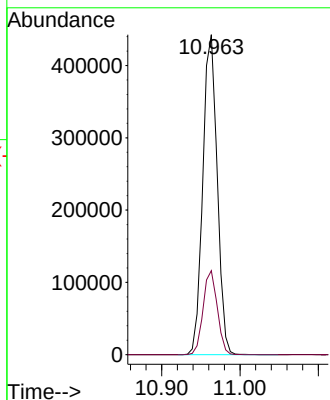
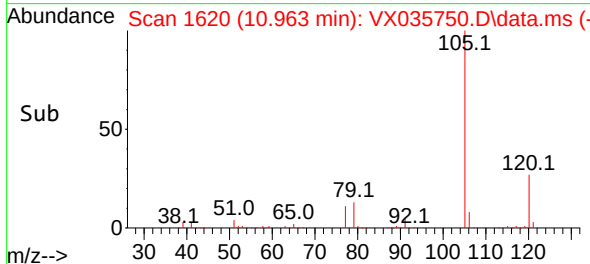
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



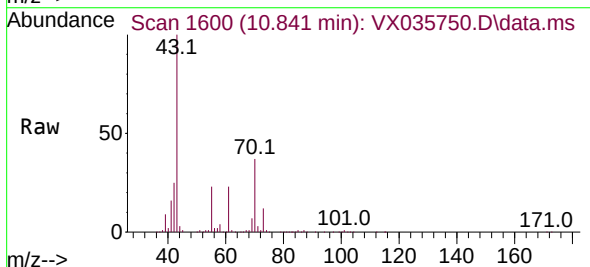
Tgt Ion:105 Resp: 56350
Ion Ratio Lower Upper
105 100
120 25.9 13.3 39.9

Manual Integrations
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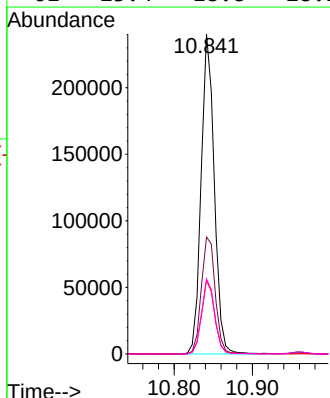
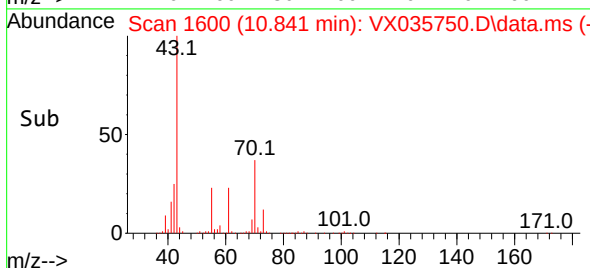
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

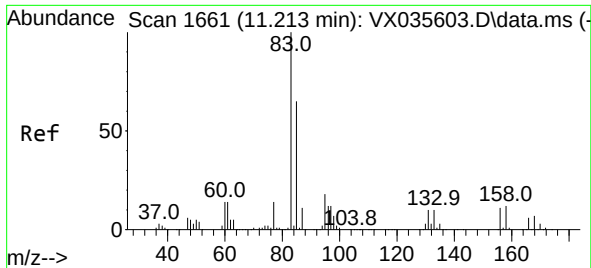


#74
N-ethyl acetate
Concen: 55.749 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18



Tgt Ion: 43 Resp: 279722
Ion Ratio Lower Upper
43 100
70 38.9 32.1 48.1
55 23.0 18.3 27.5
61 23.4 18.8 28.2





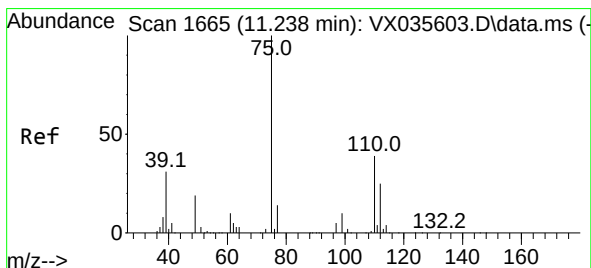
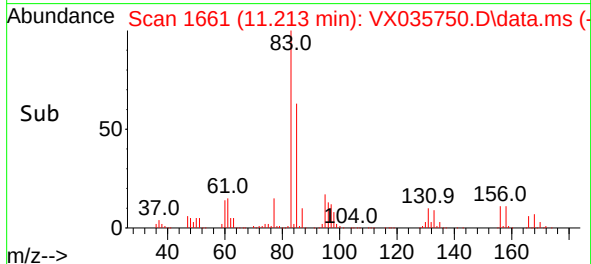
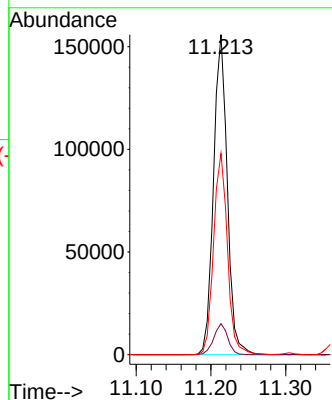
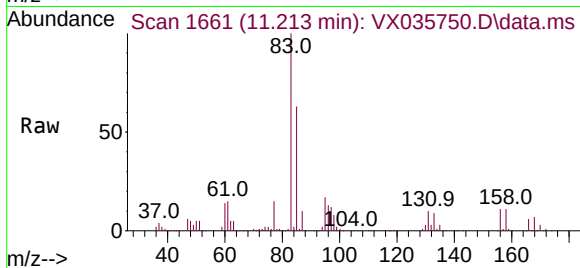
#75
1,1,2,2-Tetrachloroethane
Concen: 57.007 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 199004
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.3
85 63.5 32.0 96.0

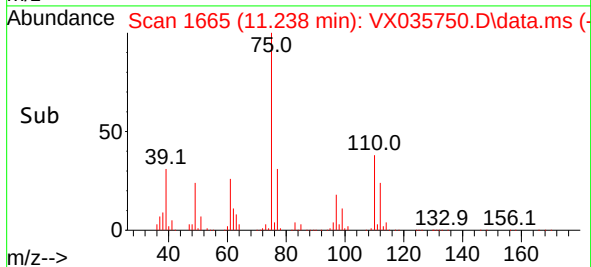
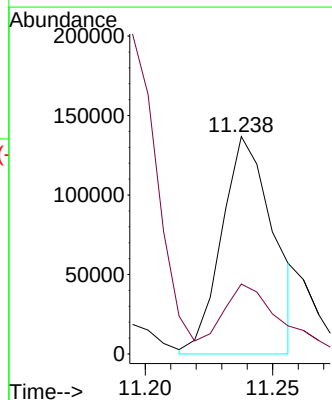
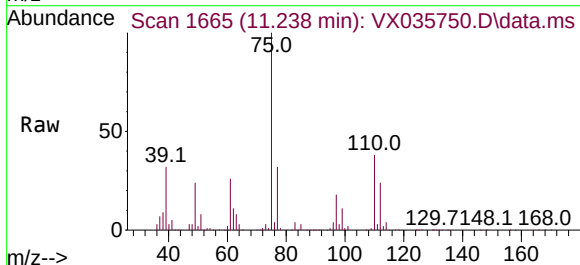
Manual Integrations
APPROVED

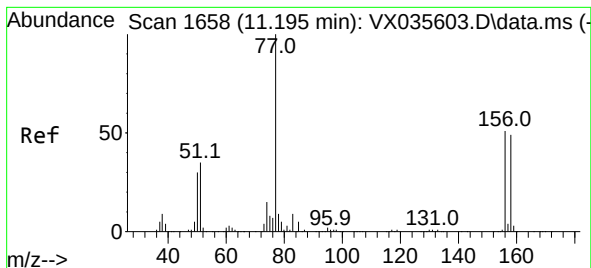
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#76
1,2,3-Trichloropropane
Concen: 61.640 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

Tgt Ion: 75 Resp: 192549
Ion Ratio Lower Upper
75 100
77 37.0 21.6 64.8





#77

Bromobenzene

Concen: 54.480 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035750.D

Acq: 18 May 2023 18:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 133069

Ion Ratio Lower Upper

156 100

77 190.5 86.7 259.9

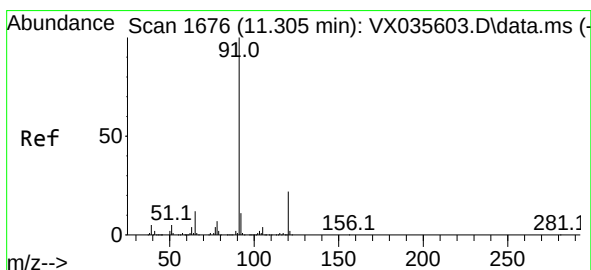
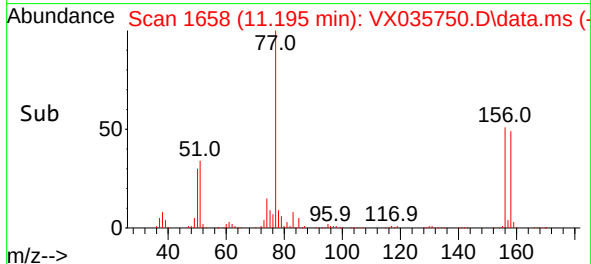
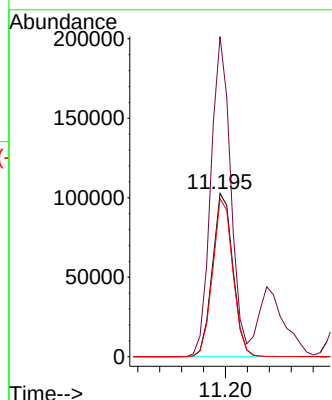
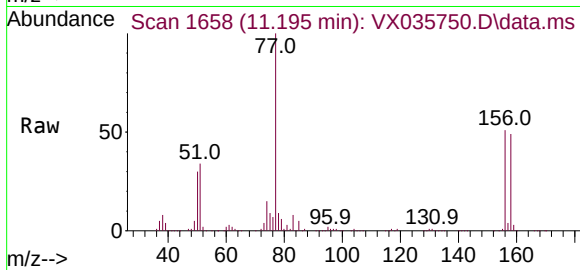
158 95.7 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#78

n-propylbenzene

Concen: 52.208 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX035750.D

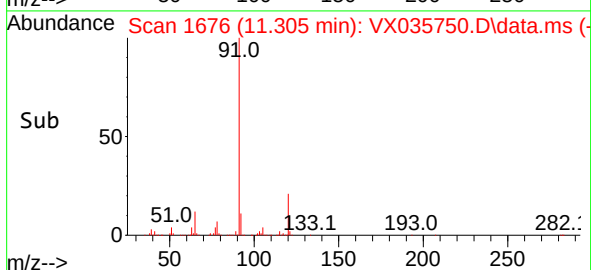
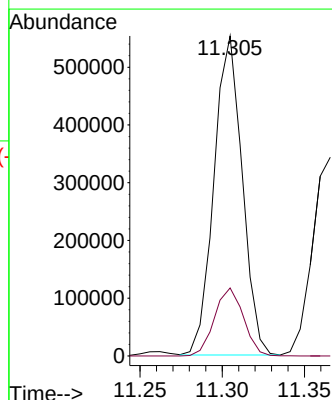
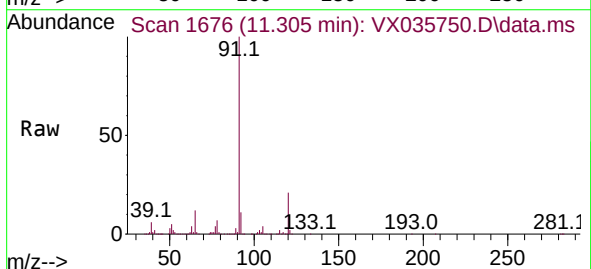
Acq: 18 May 2023 18:18

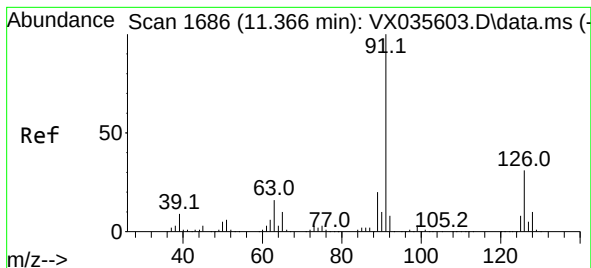
Tgt Ion: 91 Resp: 660428

Ion Ratio Lower Upper

91 100

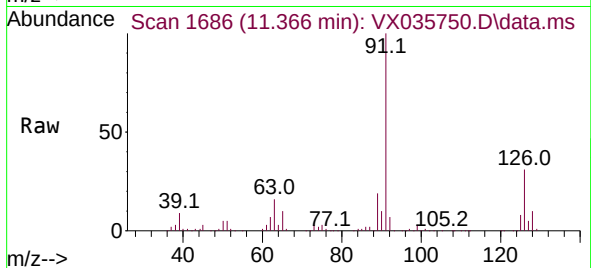
120 21.9 11.5 34.5





#79
2-Chlorotoluene
Concen: 54.182 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

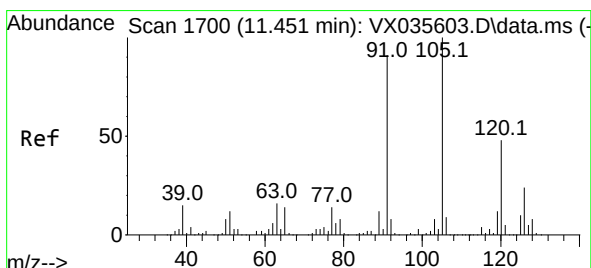
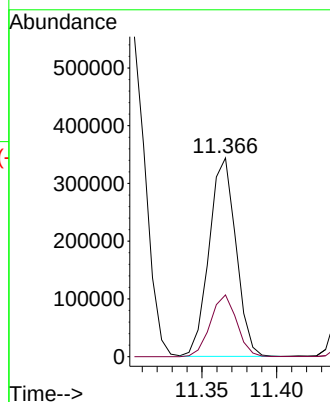
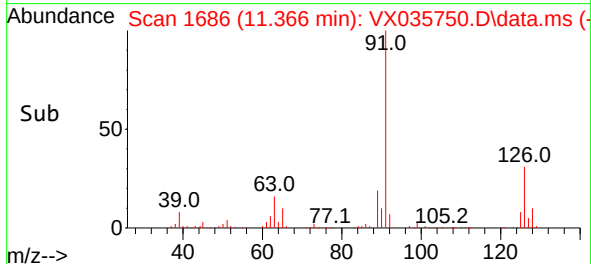
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



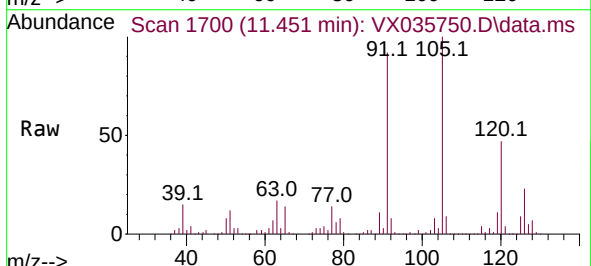
Tgt Ion: 91 Resp: 42912
Ion Ratio Lower Upper
91 100
126 30.5 16.3 48.9

Manual Integrations
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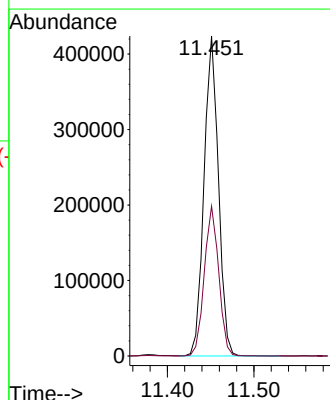
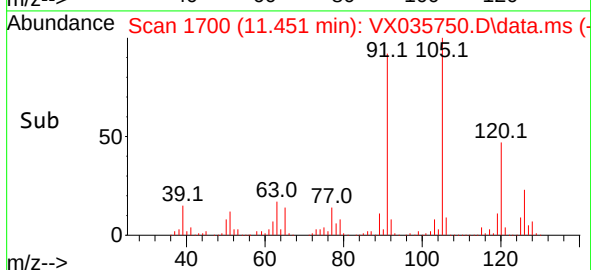
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

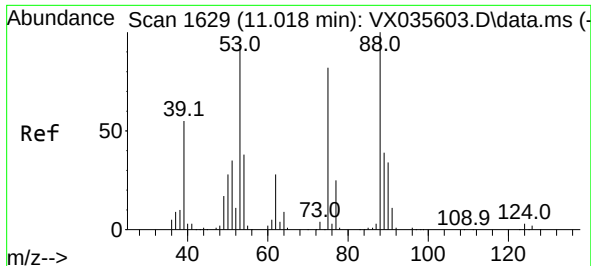


#80
1,3,5-Trimethylbenzene
Concen: 53.484 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18



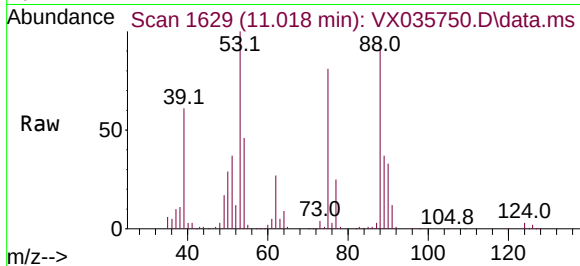
Tgt Ion:105 Resp: 489176
Ion Ratio Lower Upper
105 100
120 47.0 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 55.283 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

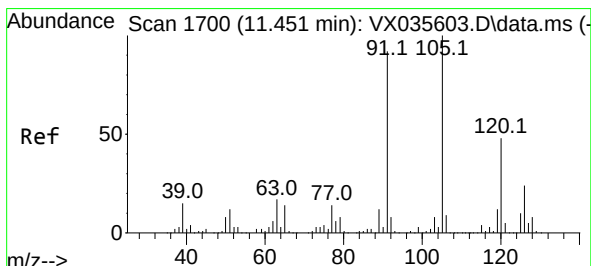
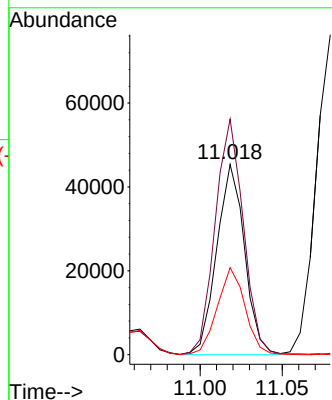
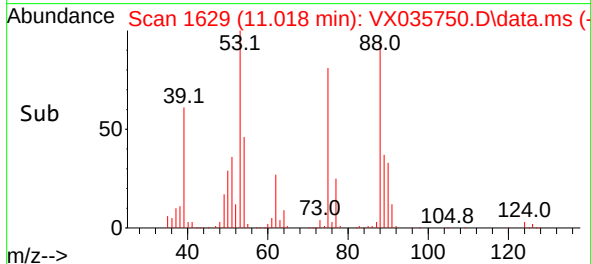
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



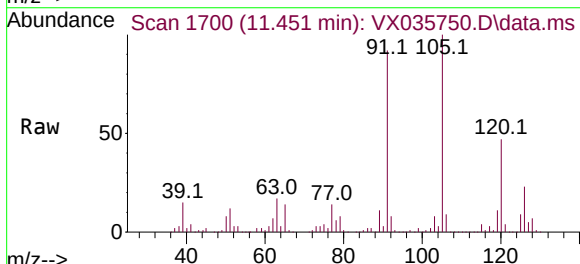
Tgt Ion: 75 Resp: 5358
Ion Ratio Lower Upper
75 100
53 124.4 82.6 124.0
89 45.5 36.9 55.3

Manual Integrations
APPROVED

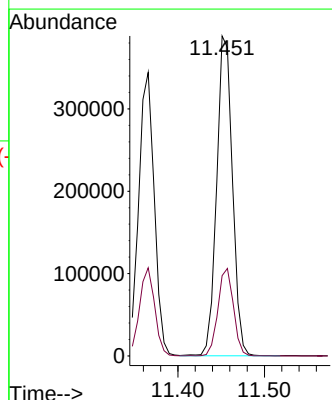
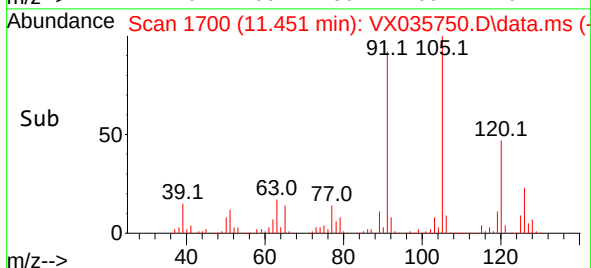
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

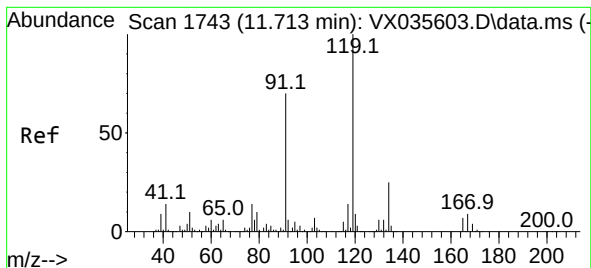


#82
4-Chlorotoluene
Concen: 53.908 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18



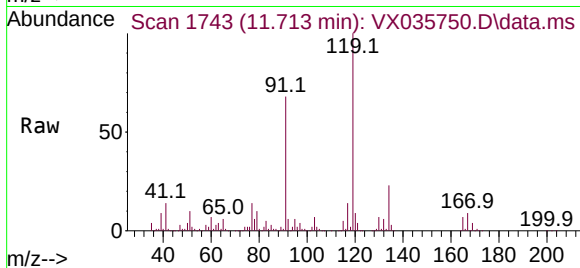
Tgt Ion: 91 Resp: 491703
Ion Ratio Lower Upper
91 100
126 26.9 14.2 42.6





#83
tert-Butylbenzene
Concen: 50.856 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

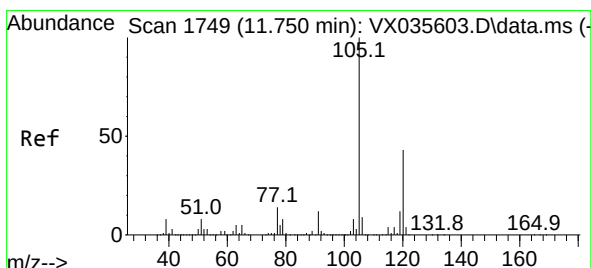
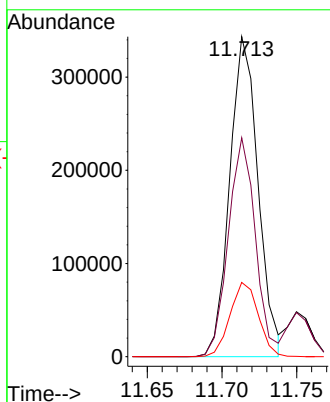
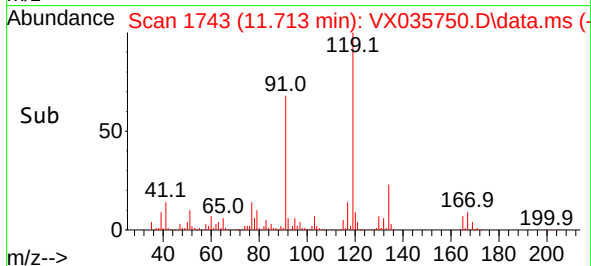
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



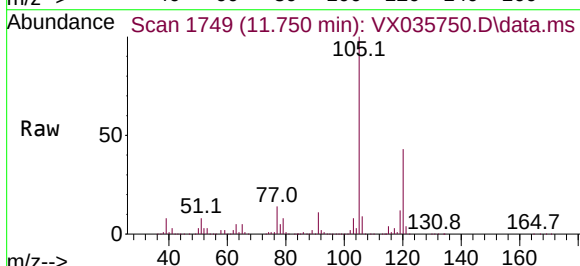
Tgt Ion:119 Resp: 452130
Ion Ratio Lower Upper
119 100
91 65.7 30.6 92.0
134 23.3 11.8 35.4

Manual Integrations
APPROVED

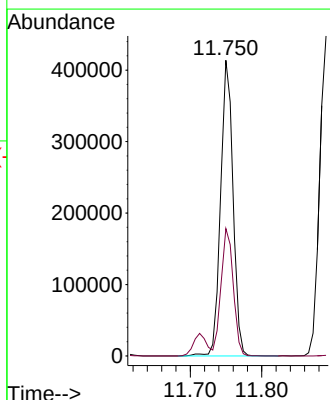
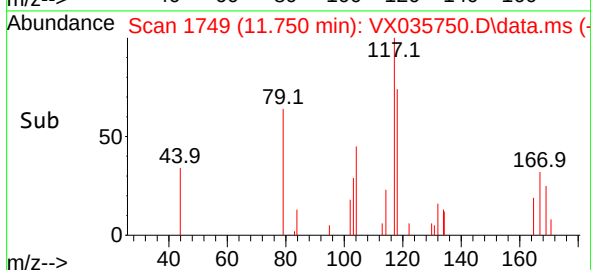
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

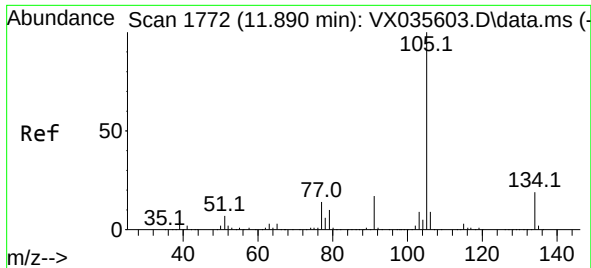


#84
1,2,4-Trimethylbenzene
Concen: 54.391 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18



Tgt Ion:105 Resp: 499507
Ion Ratio Lower Upper
105 100
120 42.4 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 48.934 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035750.D
 Acq: 18 May 2023 18:18

Instrument :

MSVOA_X

ClientSampleId :

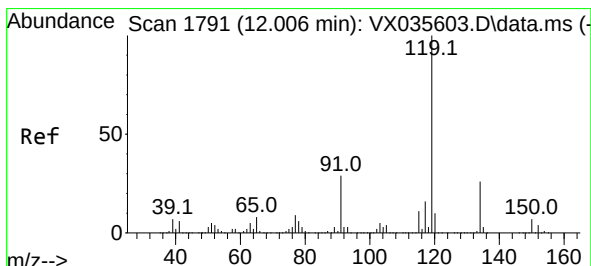
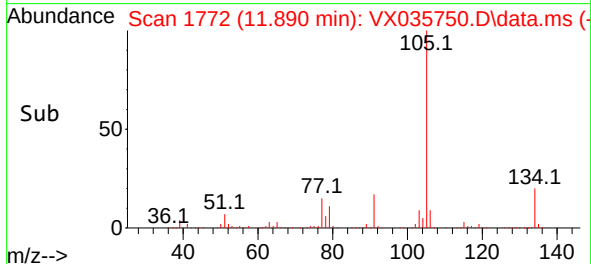
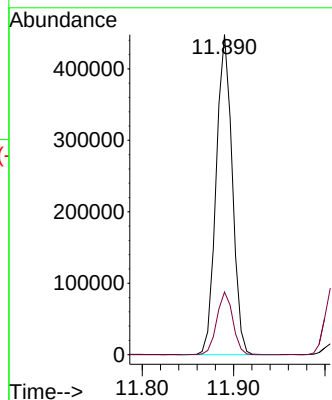
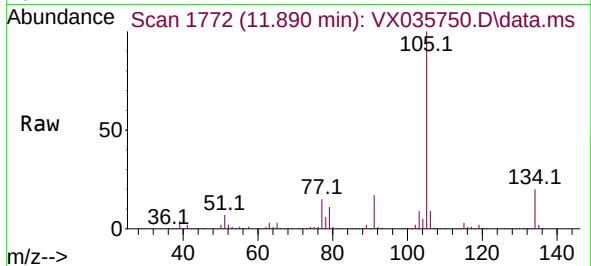
VSTDCCC050EC

Tgt Ion:105 Resp: 546234
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.2 30.4

Manual Integrations

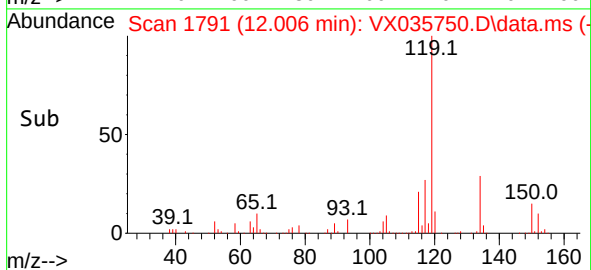
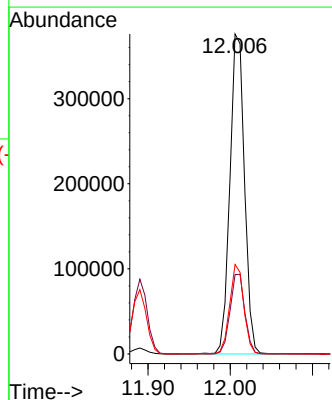
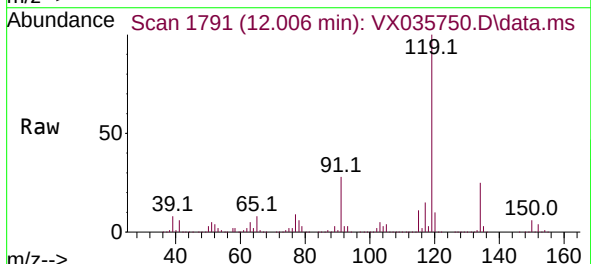
APPROVED

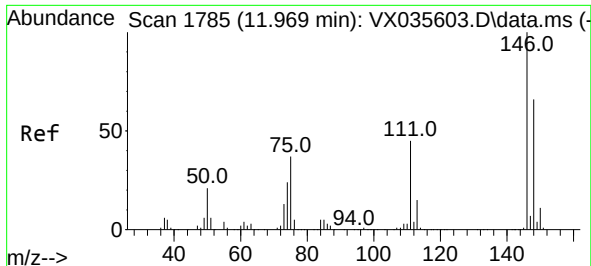
Reviewed By :John Carlone 05/19/2023
 Supervised By :Mahesh Dadoda 05/19/2023



#86
 p-Isopropyltoluene
 Concen: 50.691 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX035750.D
 Acq: 18 May 2023 18:18

Tgt Ion:119 Resp: 465192
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.2 39.5
 91 27.1 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 53.127 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035750.D

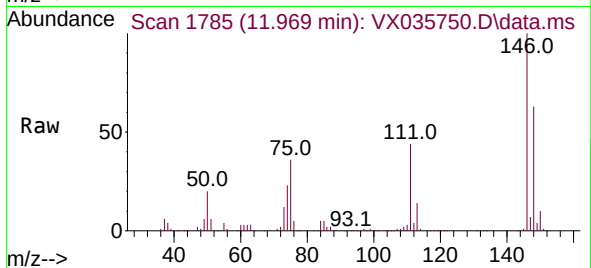
Acq: 18 May 2023 18:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 246509

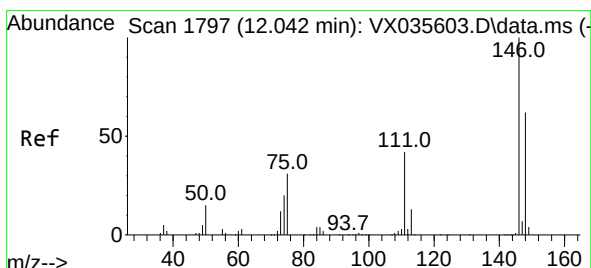
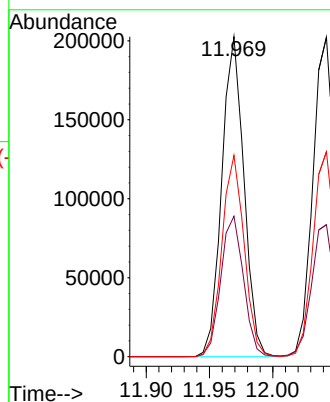
Ion	Ratio	Lower	Upper
146	100		
111	45.0	20.9	62.8
148	63.2	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#88

1,4-Dichlorobenzene

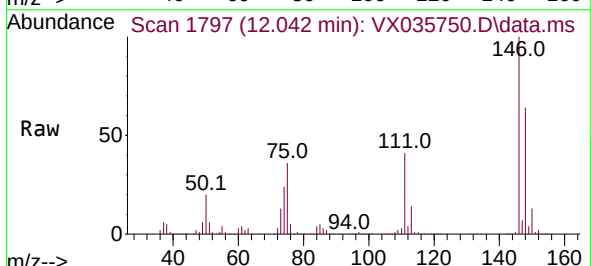
Concen: 53.008 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

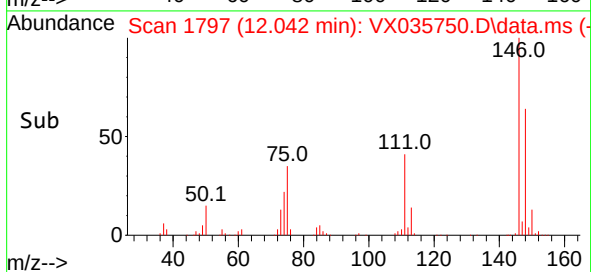
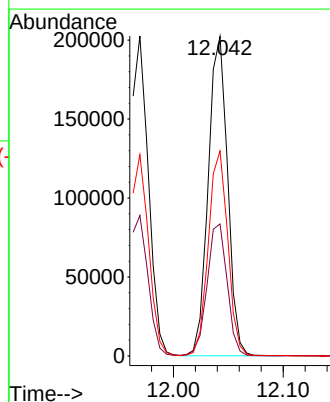
Lab File: VX035750.D

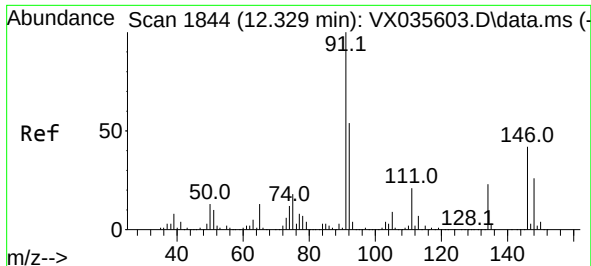
Acq: 18 May 2023 18:18



Tgt Ion:146 Resp: 248365

Ion	Ratio	Lower	Upper
146	100		
111	43.0	20.6	61.9
148	64.7	31.8	95.4





#89

n-Butylbenzene

Concen: 48.295 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX035750.D

Acq: 18 May 2023 18:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 403174

Ion Ratio Lower Upper

91 100

92 54.5 27.7 83.0

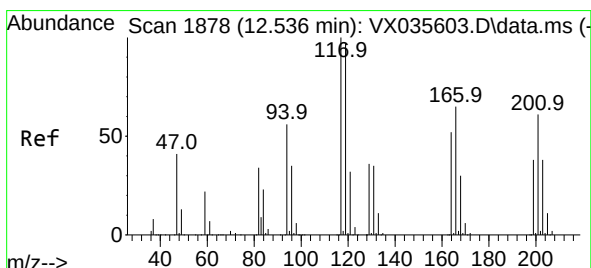
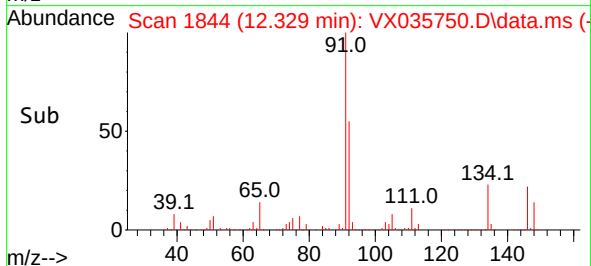
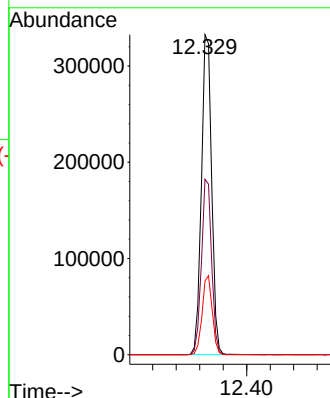
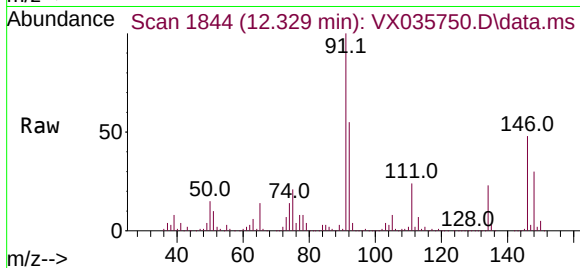
134 24.2 13.0 38.9

Manual Integrations

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Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#90

Hexachloroethane

Concen: 49.849 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035750.D

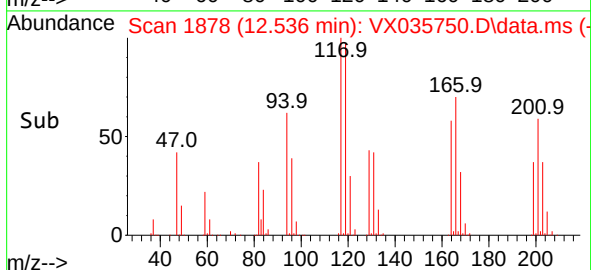
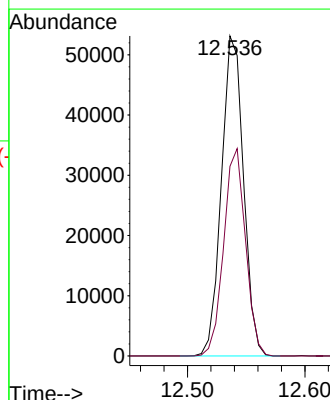
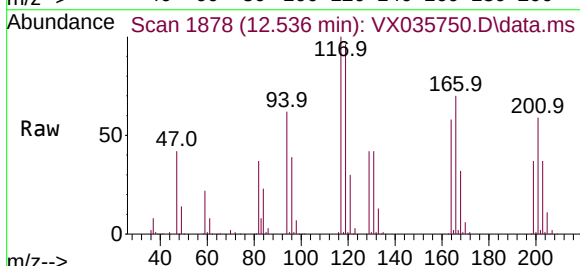
Acq: 18 May 2023 18:18

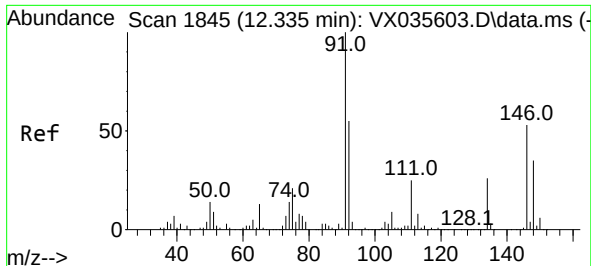
Tgt Ion:117 Resp: 69338

Ion Ratio Lower Upper

117 100

201 64.1 34.4 103.1





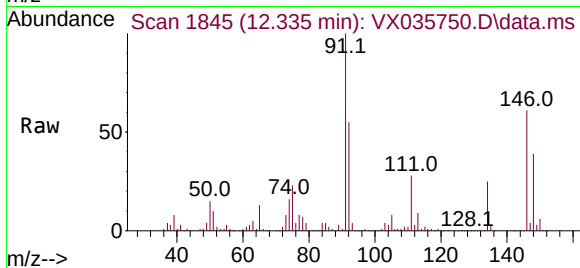
#91
1,2-Dichlorobenzene
Concen: 53.646 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



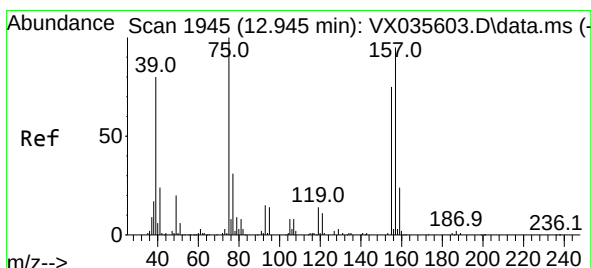
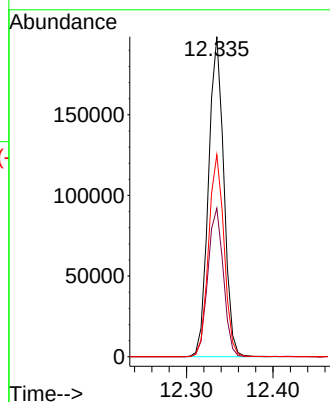
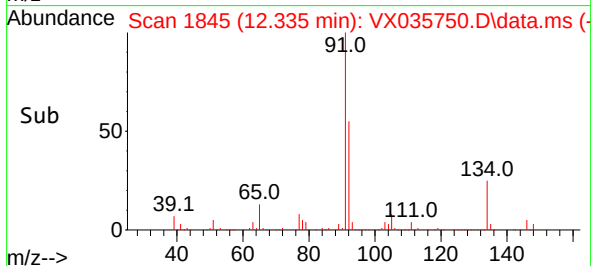
Tgt Ion:146 Resp: 24375
Ion Ratio Lower Upper
146 100
111 46.9 22.0 66.0
148 63.4 32.0 96.0

Manual Integrations

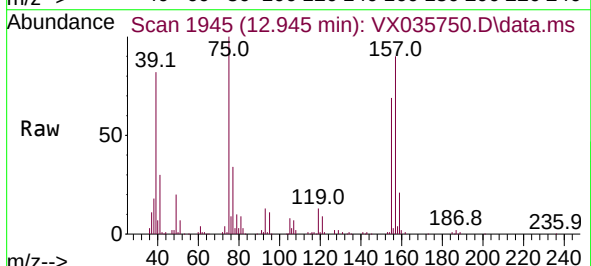
APPROVED

Reviewed By :John Carlone 05/19/2023

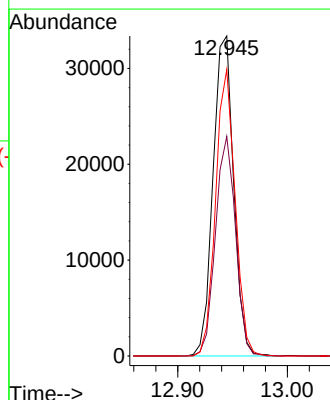
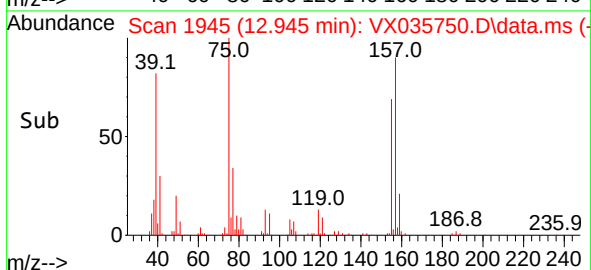
Supervised By :Mahesh Dadoda 05/19/2023

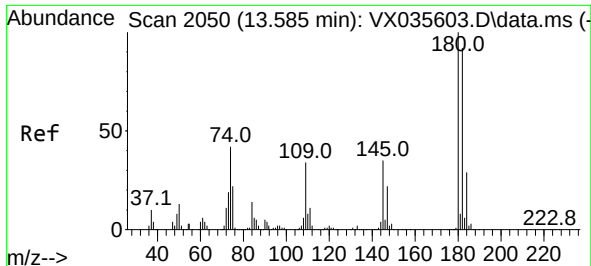


#92
1,2-Dibromo-3-Chloropropane
Concen: 56.150 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18



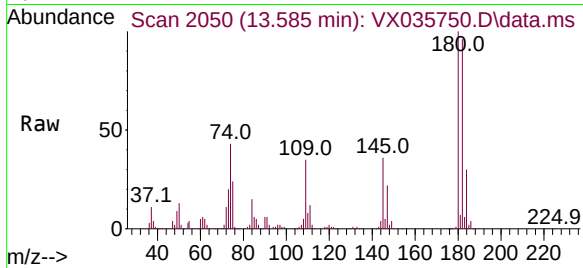
Tgt Ion: 75 Resp: 43648
Ion Ratio Lower Upper
75 100
155 66.7 38.4 115.1
157 84.7 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 50.610 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

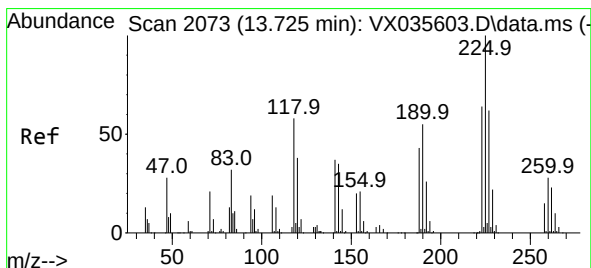
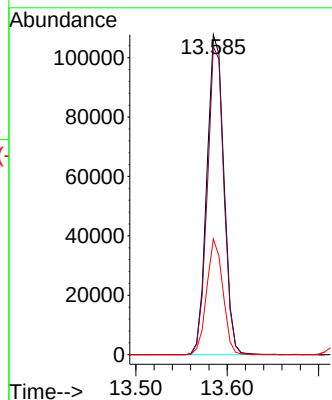
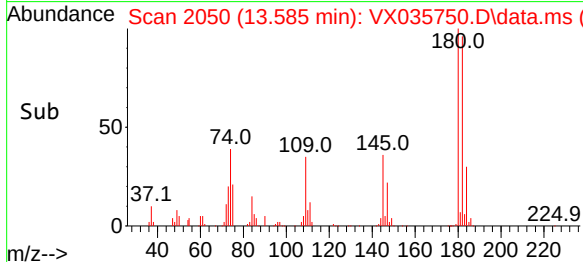
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



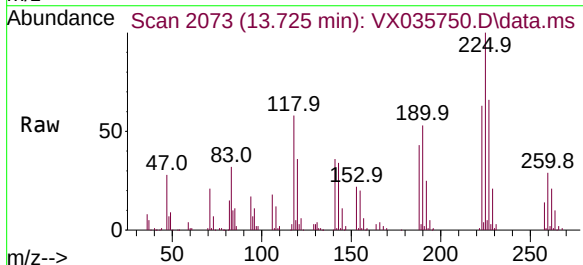
Tgt Ion:180 Resp: 13846
Ion Ratio Lower Upper
180 100
182 94.3 47.0 141.0
145 34.5 15.9 47.7

Manual Integrations
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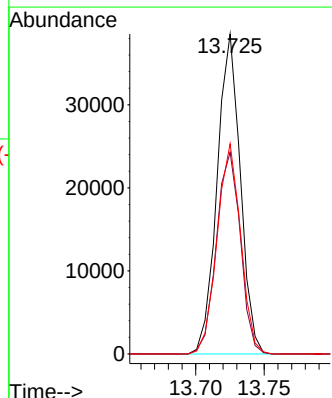
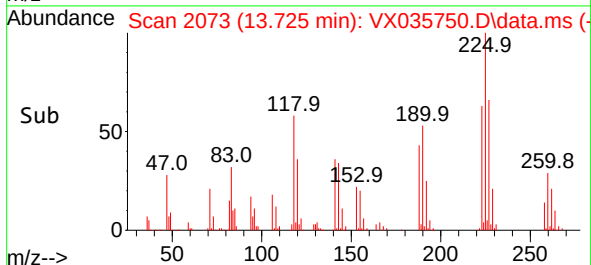
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

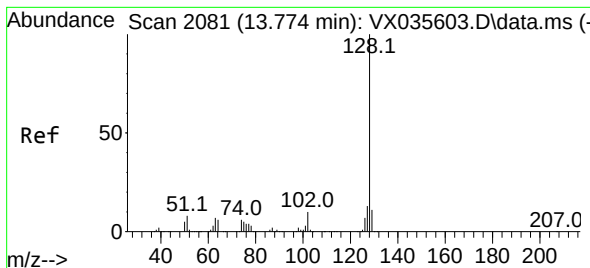


#94
Hexachlorobutadiene
Concen: 41.672 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18



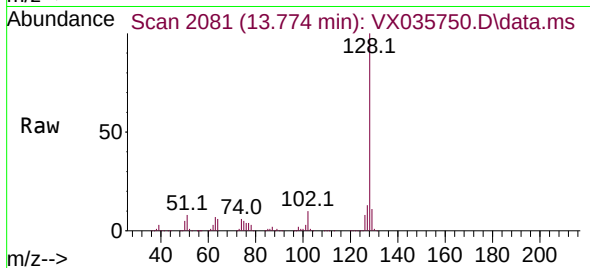
Tgt Ion:225 Resp: 45252
Ion Ratio Lower Upper
225 100
223 65.1 32.1 96.5
227 66.8 31.8 95.4





#95
Naphthalene
Concen: 55.444 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

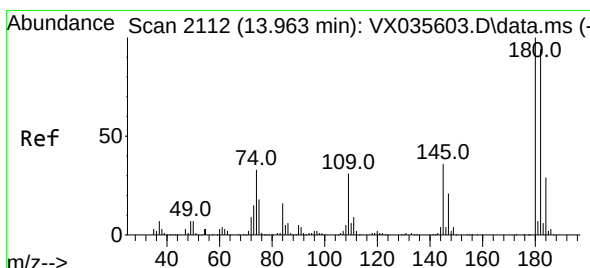
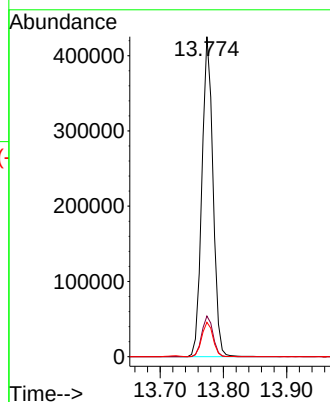
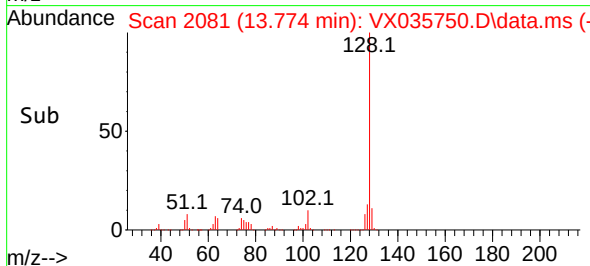
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 51945
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#96
1,2,3-Trichlorobenzene
Concen: 52.093 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX035750.D
Acq: 18 May 2023 18:18

Tgt Ion:180 Resp: 140166
Ion Ratio Lower Upper
180 100
182 92.1 48.0 144.2
145 36.0 17.7 53.1

