

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
 Data File : VX035874.D
 Acq On : 25 May 2023 23:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/26/2023
 Supervised By : Mahesh Dadoda 05/26/2023

Quant Time: May 26 07:27:00 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	157217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	272045	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	124203	45.285	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 90.560%			
35) Dibromofluoromethane	5.385	113	97068	52.908	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.820%			
50) Toluene-d8	8.647	98	351964	51.930	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.860%			
62) 4-Bromofluorobenzene	11.079	95	136597	50.054	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	97312	47.494	ug/l	100
3) Chloromethane	1.294	50	103144	41.482	ug/l	98
4) Vinyl Chloride	1.374	62	103361	48.982	ug/l	98
5) Bromomethane	1.617	94	60495	52.933	ug/l	96
6) Chloroethane	1.691	64	69853	54.566	ug/l	98
7) Trichlorofluoromethane	1.886	101	159630	51.448	ug/l	99
8) Diethyl Ether	2.130	74	61798	51.729	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	93072	50.523	ug/l	98
10) Methyl Iodide	2.453	142	98949	60.057	ug/l	96
11) Tert butyl alcohol	3.026	59	106271m	219.619	ug/l	
12) 1,1-Dichloroethene	2.319	96	89159	50.924	ug/l	96
13) Acrolein	2.239	56	126887	220.936	ug/l	99
14) Allyl chloride	2.666	41	169054	45.071	ug/l	95
15) Acrylonitrile	3.068	53	296712	278.464	ug/l	99
16) Acetone	2.392	43	270527	229.492	ug/l	97
17) Carbon Disulfide	2.514	76	176298	41.723	ug/l	100
18) Methyl Acetate	2.703	43	248995	57.274	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	334699	48.040	ug/l	99
20) Methylene Chloride	2.788	84	108419	50.748	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	97039	50.581	ug/l	99
22) Diisopropyl ether	3.757	45	366477	49.902	ug/l	95
23) Vinyl Acetate	3.721	43	1269680	244.342	ug/l	98
24) 1,1-Dichloroethane	3.611	63	194195	49.443	ug/l	99
25) 2-Butanone	4.562	43	428021	262.294	ug/l	99
26) 2,2-Dichloropropane	4.471	77	126560	38.051	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	117559	50.974	ug/l	98
28) Bromochloromethane	4.891	49	85804	48.569	ug/l	98
29) Tetrahydrofuran	5.007	42	278187	271.225	ug/l	98
30) Chloroform	5.086	83	197682	49.117	ug/l	99
31) Cyclohexane	5.470	56	166624	48.085	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	165561	47.278	ug/l	99
36) 1,1-Dichloropropene	5.690	75	141533	48.873	ug/l	99
37) Ethyl Acetate	4.708	43	156883	51.938	ug/l	98
38) Carbon Tetrachloride	5.678	117	132335	48.239	ug/l	97
39) Methylcyclohexane	7.379	83	167221	49.054	ug/l	97
40) Benzene	6.037	78	421538	52.033	ug/l	100

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 Quant Title : SW846 8260
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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	93046	51.882	ug/l	98
42) 1,2-Dichloroethane	6.086	62	163566	46.934	ug/l	100
43) Isopropyl Acetate	6.336	43	261673	49.680	ug/l	99
44) Trichloroethene	7.123	130	109692	53.399	ug/l	96
45) 1,2-Dichloropropane	7.427	63	112815	52.579	ug/l	97
46) Dibromomethane	7.580	93	76513	52.095	ug/l	98
47) Bromodichloromethane	7.824	83	142223	50.100	ug/l	96
48) Methyl methacrylate	7.690	41	129774	49.924	ug/l	99
49) 1,4-Dioxane	7.726	88	53133	1010.832	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	850647	280.329	ug/l	98
52) Toluene	8.714	92	266239	52.061	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	149015	48.316	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	167229	50.607	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	109838	54.684	ug/l	99
56) Ethyl methacrylate	9.116	69	168272	51.732	ug/l	98
57) 1,3-Dichloropropane	9.305	76	191874	52.696	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	430999	260.467	ug/l	100
59) 2-Hexanone	9.433	43	638877	279.567	ug/l	99
60) Dibromochloromethane	9.519	129	104058	54.349	ug/l	100
61) 1,2-Dibromoethane	9.610	107	115075	54.377	ug/l	100
64) Tetrachloroethene	9.275	164	90987	54.883	ug/l	98
65) Chlorobenzene	10.079	112	282696	52.591	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	98761	51.961	ug/l	99
67) Ethyl Benzene	10.195	91	515467	50.988	ug/l	99
68) m/p-Xylenes	10.299	106	391056	104.648	ug/l	100
69) o-Xylene	10.640	106	193633	52.219	ug/l	99
70) Styrene	10.652	104	321616	53.816	ug/l	99
71) Bromoform	10.799	173	66005	52.780	ug/l #	100
73) Isopropylbenzene	10.963	105	509175	50.030	ug/l	100
74) N-amyl acetate	10.841	43	225220	47.463	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	172298	52.189	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	141177m	47.788	ug/l	
77) Bromobenzene	11.195	156	120846	52.315	ug/l	99
78) n-propylbenzene	11.305	91	600284	50.176	ug/l	100
79) 2-Chlorotoluene	11.366	91	355920	47.518	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	426298	49.283	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	41514	45.289	ug/l	89
82) 4-Chlorotoluene	11.451	91	415183	48.131	ug/l	100
83) tert-Butylbenzene	11.713	119	417303	49.631	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	433375	49.897	ug/l	100
85) sec-Butylbenzene	11.890	105	535439	50.719	ug/l	99
86) p-Isopropyltoluene	12.006	119	447765	51.591	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	229068	52.201	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	232304	52.425	ug/l	100
89) n-Butylbenzene	12.329	91	393685	49.864	ug/l	98
90) Hexachloroethane	12.536	117	67569	51.365	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	224738	52.299	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	33018	44.912	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	135233	52.266	ug/l	99
94) Hexachlorobutadiene	13.725	225	52127	50.757	ug/l	98
95) Naphthalene	13.774	128	464220	52.391	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	131377	51.628	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

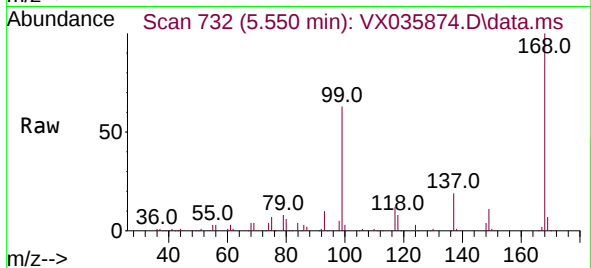
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

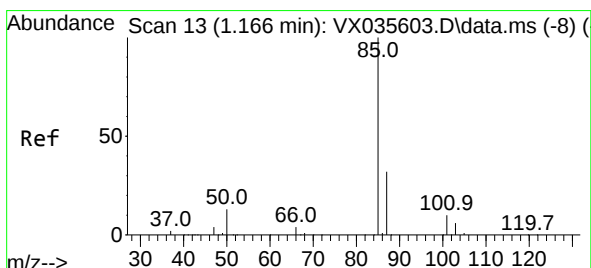
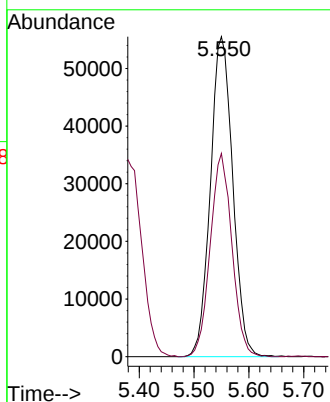
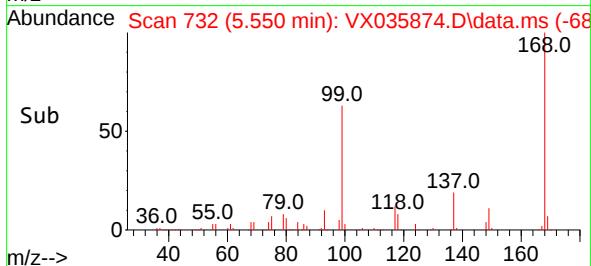
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 15721
Ion Ratio Lower Upper
168 100
99 63.5 45.7 68.5

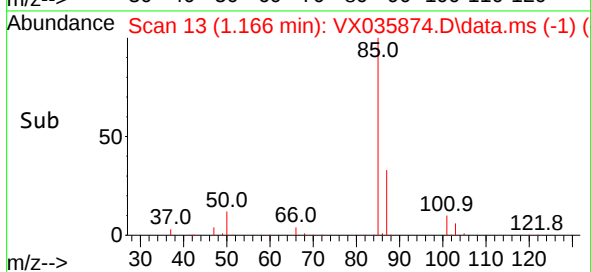
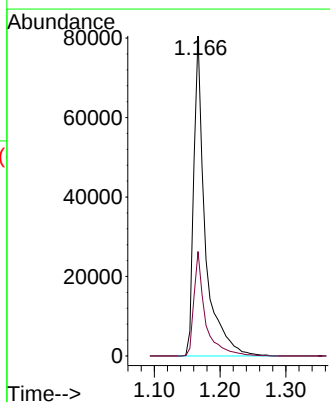
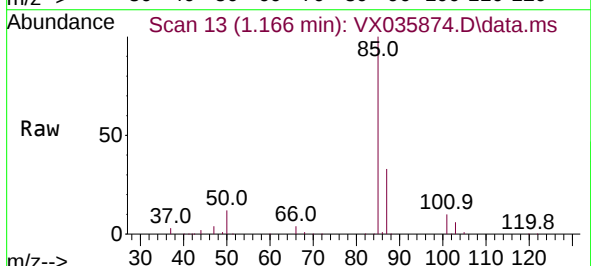
Manual Integrations
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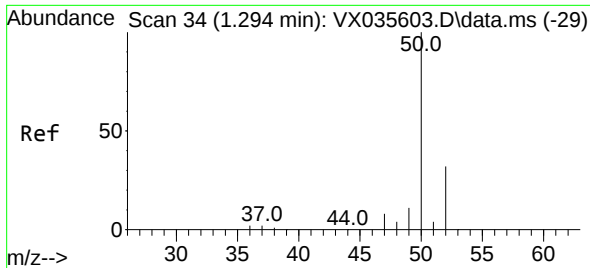
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#2
Dichlorodifluoromethane
Concen: 47.494 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

Tgt Ion: 85 Resp: 97312
Ion Ratio Lower Upper
85 100
87 32.6 16.4 49.1





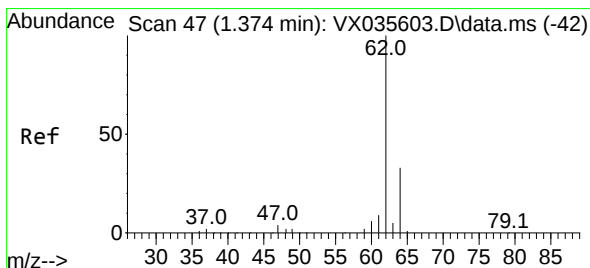
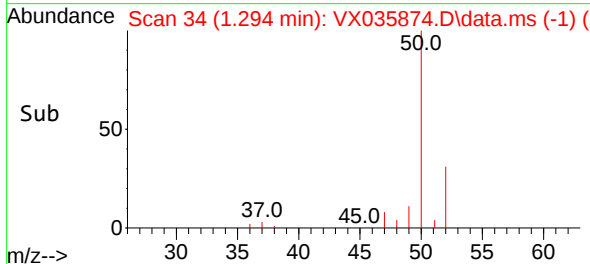
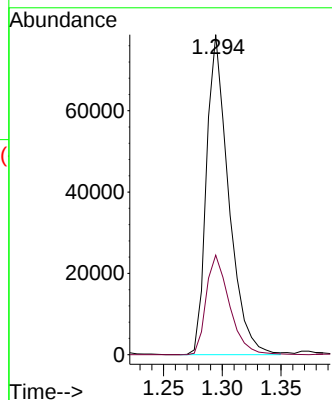
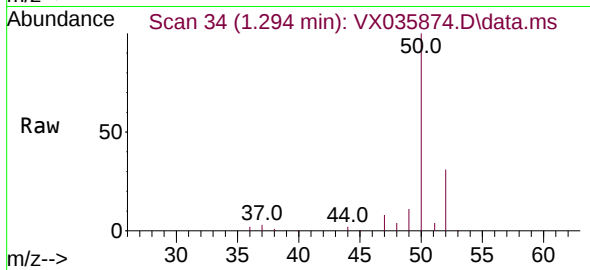
#3
Chloromethane
Concen: 41.482 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 103144
Ion Ratio Lower Upper
50 100
52 31.1 25.9 38.9

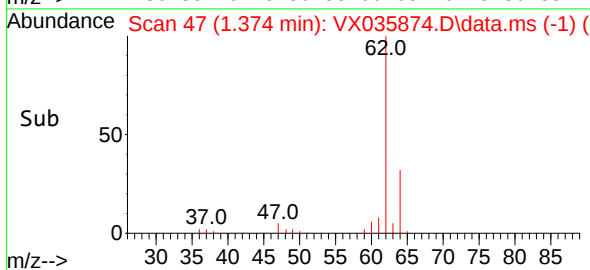
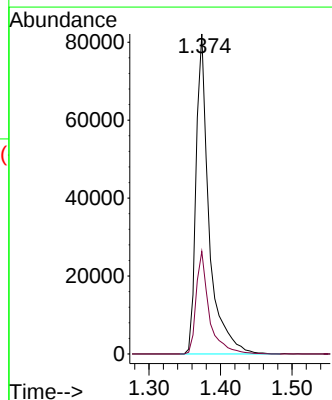
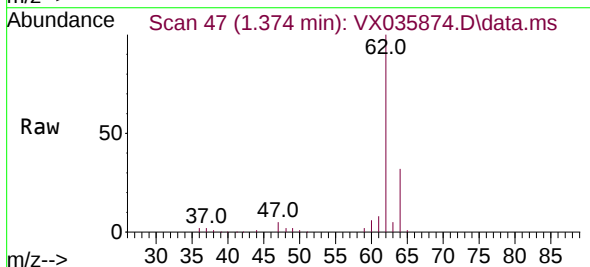
Manual Integrations
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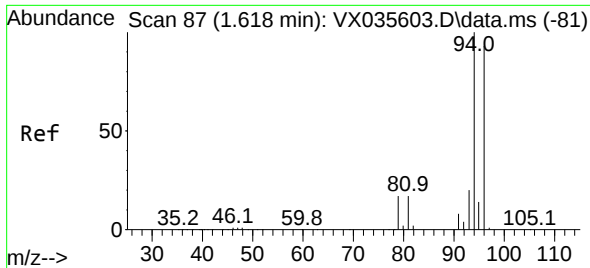
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#4
Vinyl Chloride
Concen: 48.982 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

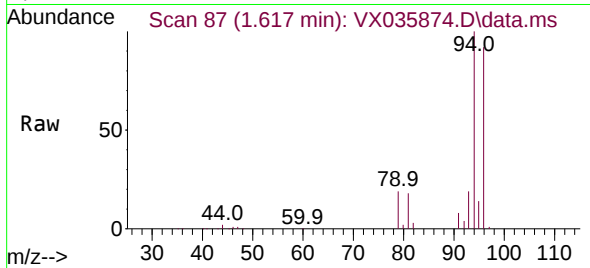
Tgt Ion: 62 Resp: 103361
Ion Ratio Lower Upper
62 100
64 32.0 26.4 39.6





#5
Bromomethane
Concen: 52.933 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.001 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

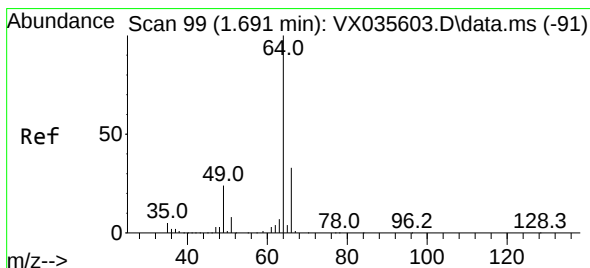
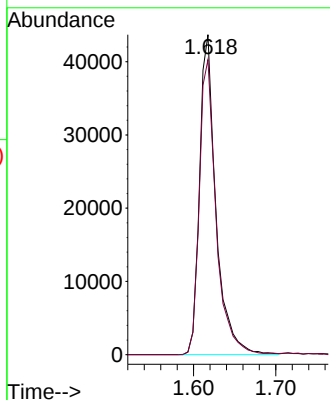
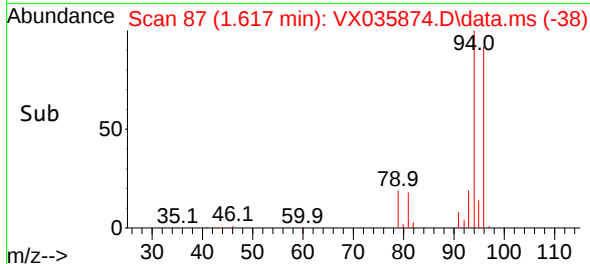
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 60495
Ion Ratio Lower Upper
94 100
96 92.2 77.0 115.6

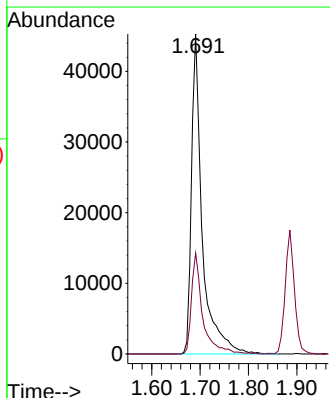
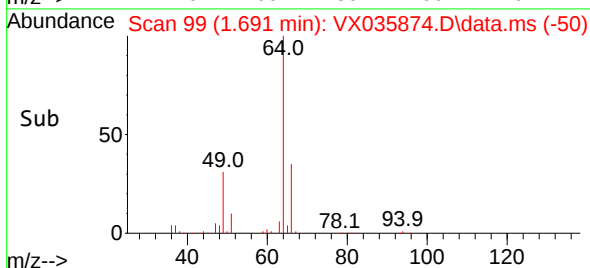
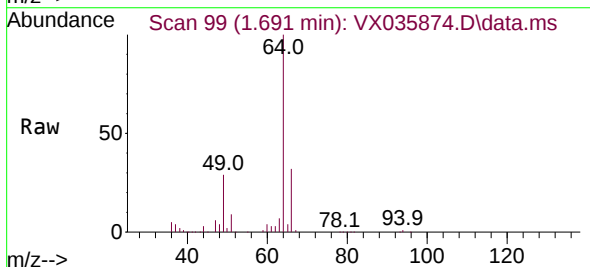
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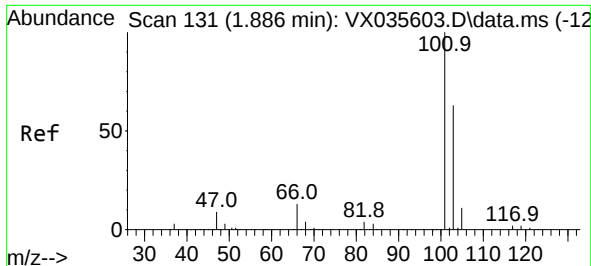
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#6
Chloroethane
Concen: 54.566 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

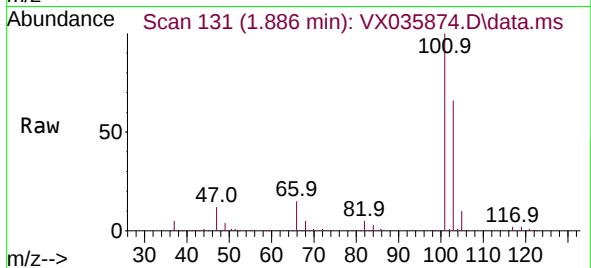
Tgt Ion: 64 Resp: 69853
Ion Ratio Lower Upper
64 100
66 31.5 26.2 39.4





#7
Trichlorofluoromethane
Concen: 51.448 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

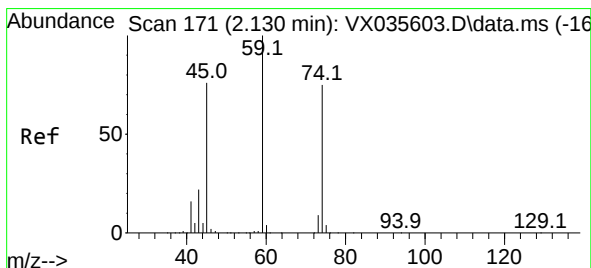
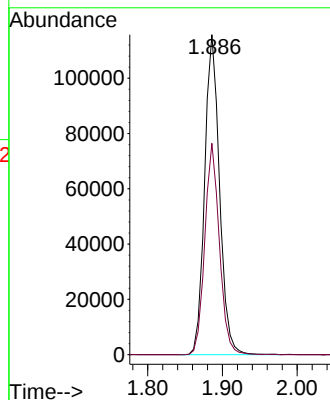
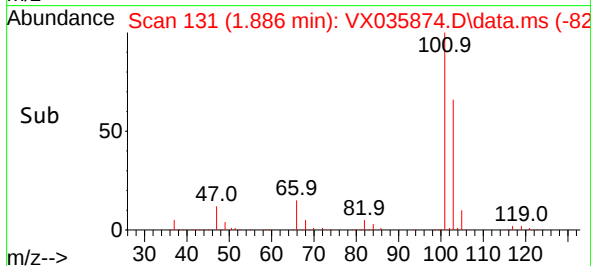
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 159630
Ion Ratio Lower Upper
101 100
103 66.0 52.0 78.0

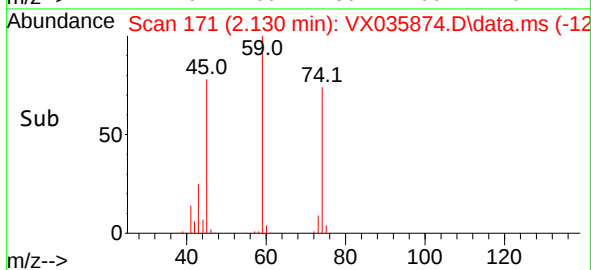
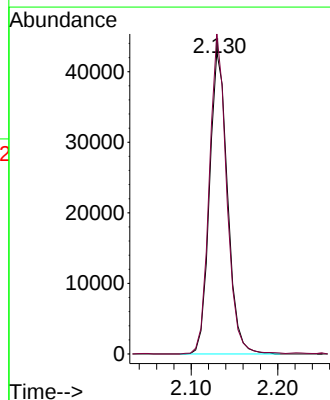
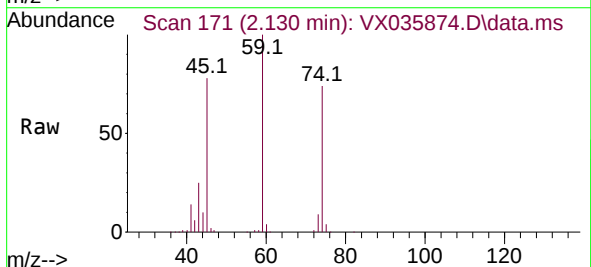
Manual Integrations
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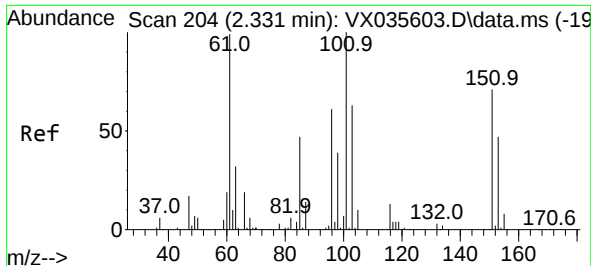
Reviewed By :John Carlone 05/26/2023
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#8
Diethyl Ether
Concen: 51.729 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

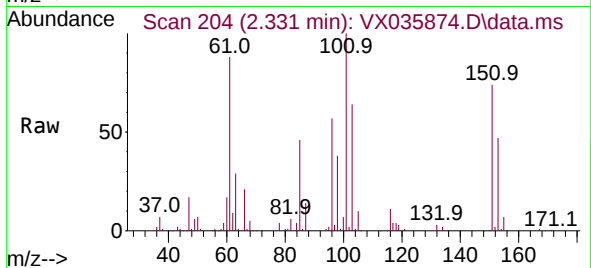
Tgt Ion: 74 Resp: 61798
Ion Ratio Lower Upper
74 100
45 102.3 49.8 149.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.523 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX035874.D
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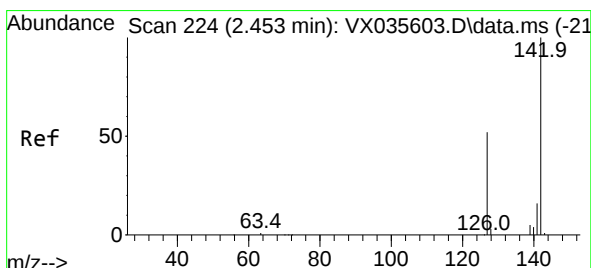
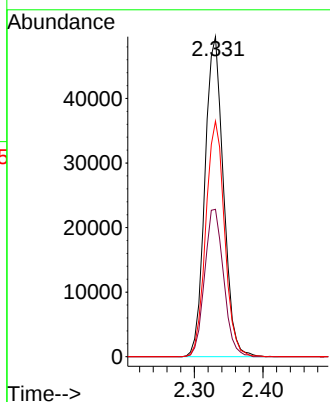
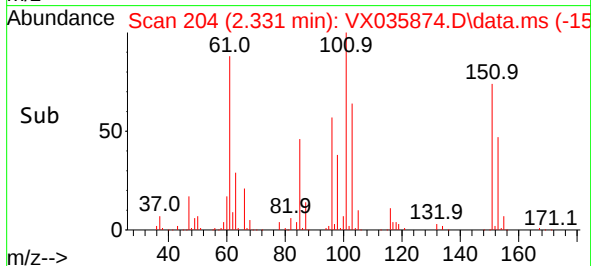
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 93072
Ion Ratio Lower Upper
101 100
85 47.3 35.4 53.2
151 74.4 60.2 90.4

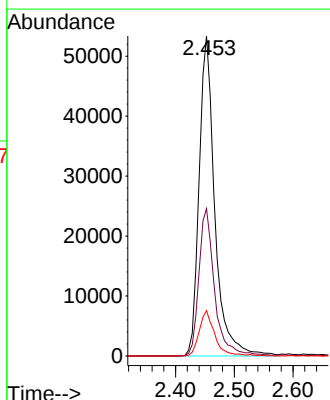
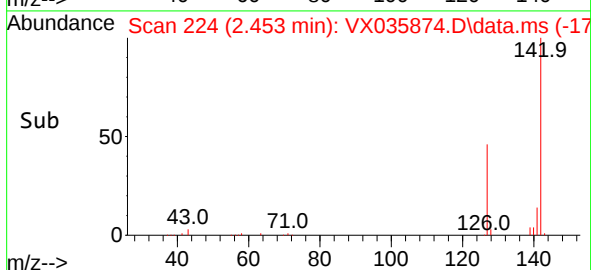
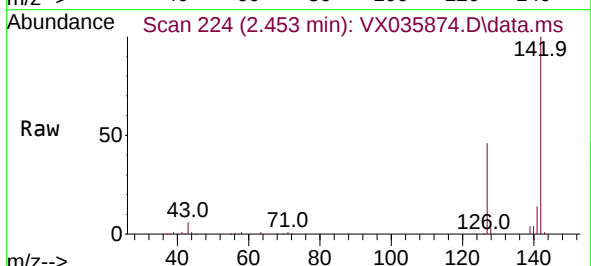
Manual Integrations
APPROVED

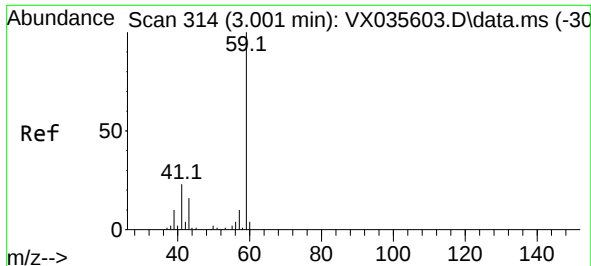
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#10
Methyl Iodide
Concen: 60.057 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

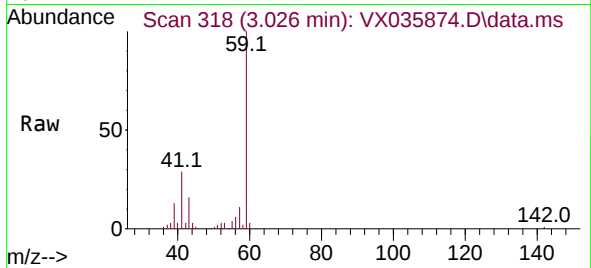
Tgt Ion:142 Resp: 98949
Ion Ratio Lower Upper
142 100
127 46.1 34.0 51.0
141 14.1 11.1 16.7





#11
Tert butyl alcohol
Concen: 219.619 ug/l m
RT: 3.026 min Scan# 314
Delta R.T. 0.025 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

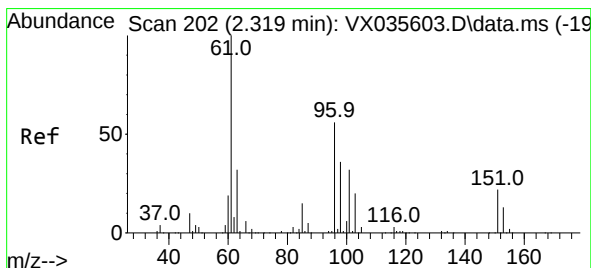
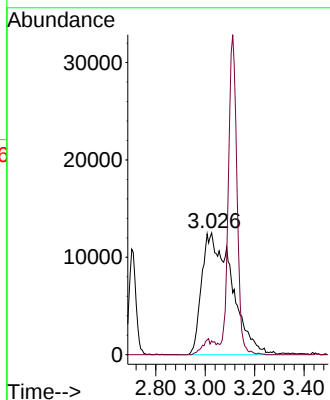
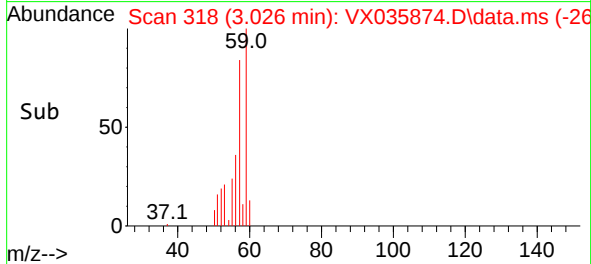
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 10627
Ion Ratio Lower Upper
59 100
57 3.3 8.1 12.1

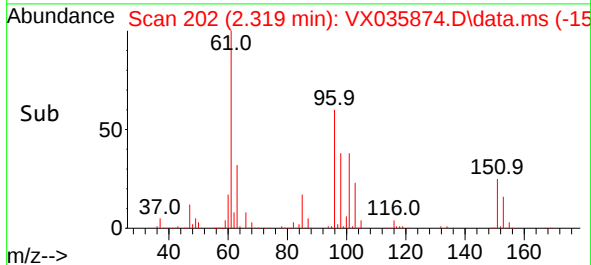
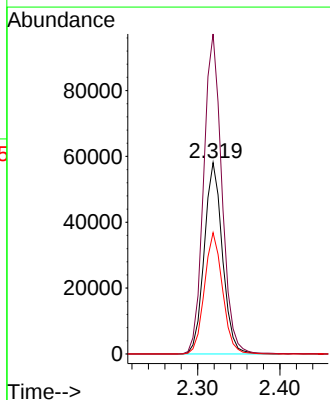
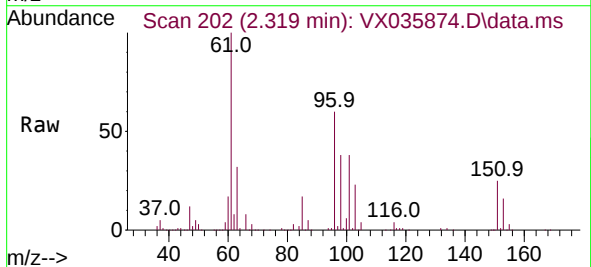
Manual Integrations
APPROVED

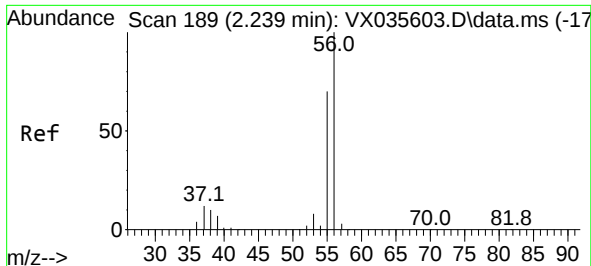
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#12
1,1-Dichloroethene
Concen: 50.924 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

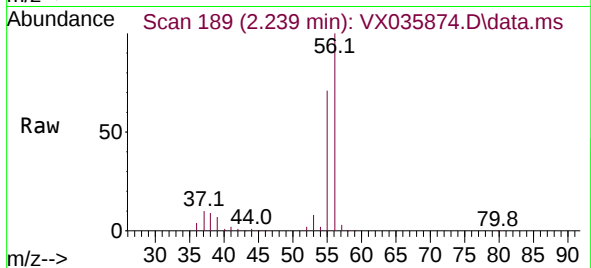
Tgt Ion: 96 Resp: 89159
Ion Ratio Lower Upper
96 100
61 167.2 128.8 193.2
98 63.4 51.4 77.0





#13
Acrolein
Concen: 220.936 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

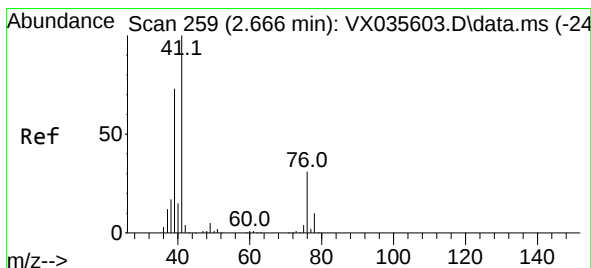
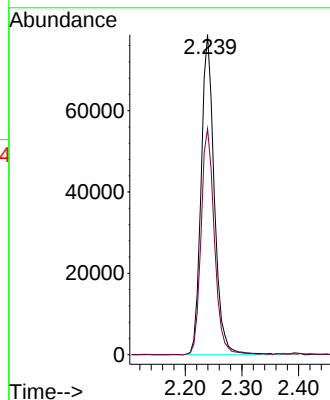
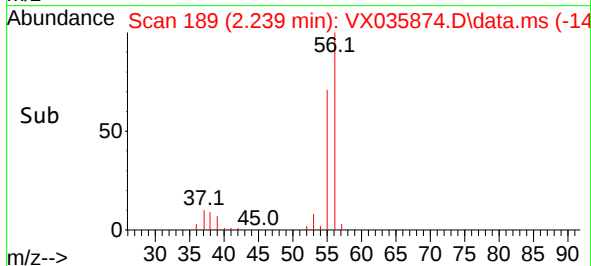
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 12688
Ion Ratio Lower Upper
56 100
55 71.6 56.6 85.0

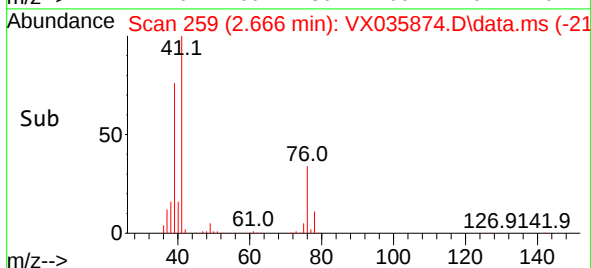
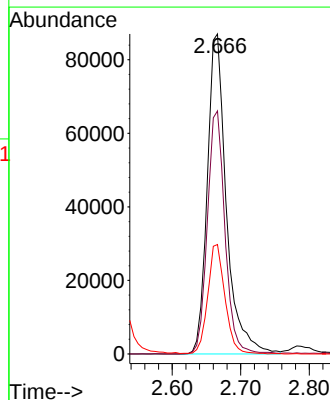
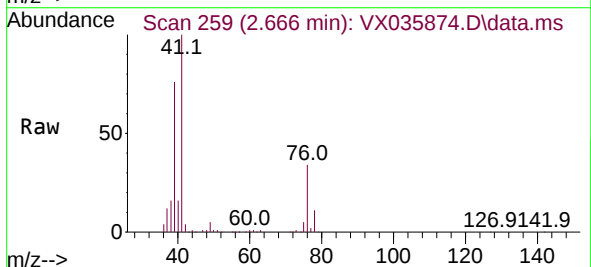
Manual Integrations
APPROVED

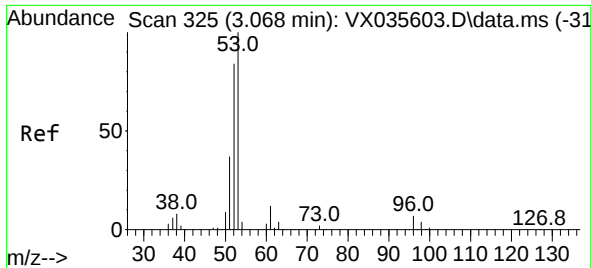
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#14
Allyl chloride
Concen: 45.071 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

Tgt Ion: 41 Resp: 169054
Ion Ratio Lower Upper
41 100
39 70.0 52.4 78.6
76 30.9 26.0 39.0





#15

Acrylonitrile

Concen: 278.464 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX035874.D

Acq: 25 May 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 53 Resp: 29671

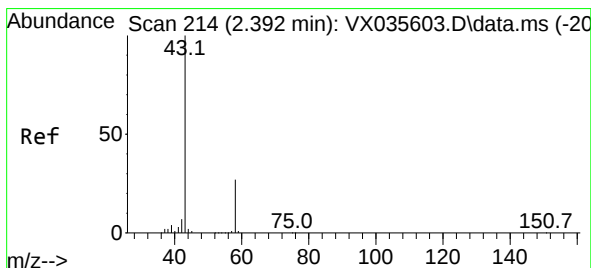
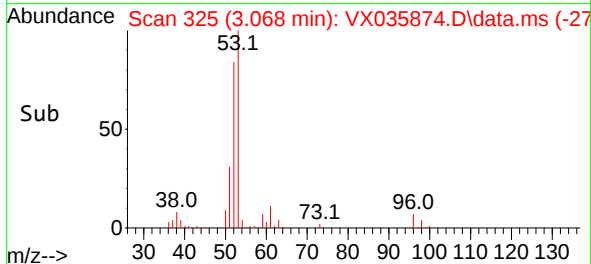
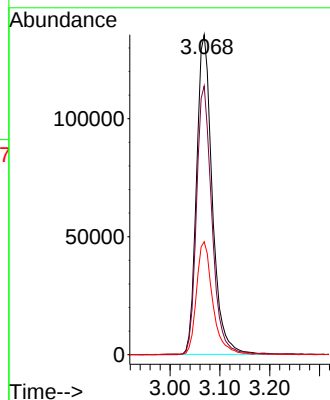
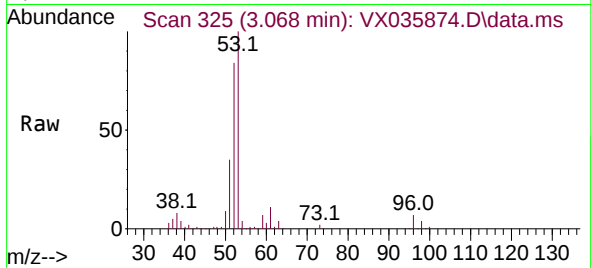
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.2	99.2
51	36.1	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#16

Acetone

Concen: 229.492 ug/l

RT: 2.392 min Scan# 214

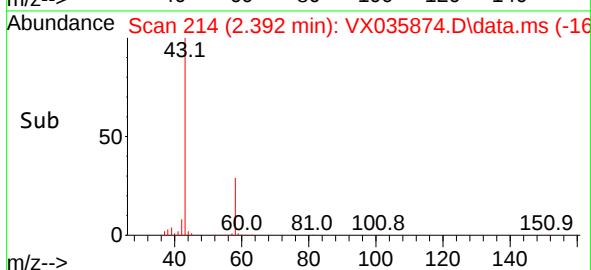
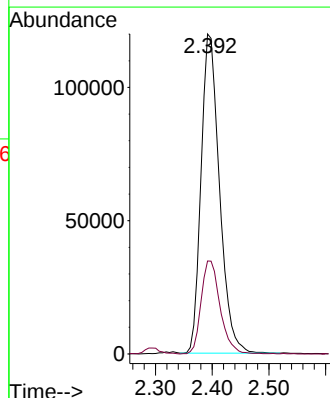
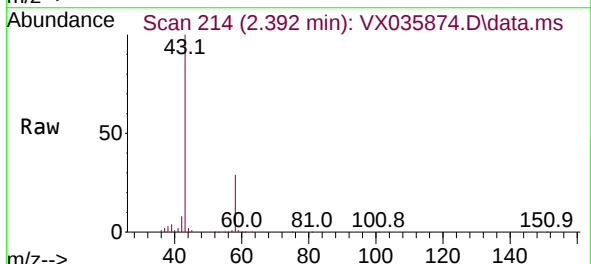
Delta R.T. -0.000 min

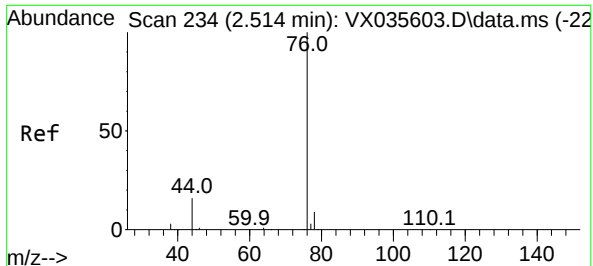
Lab File: VX035874.D

Acq: 25 May 2023 23:20

Tgt Ion: 43 Resp: 270527

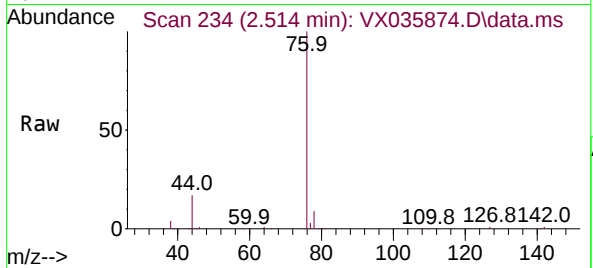
Ion	Ratio	Lower	Upper
43	100		
58	29.1	24.7	37.1





#17
Carbon Disulfide
Concen: 41.723 ug/l
RT: 2.514 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

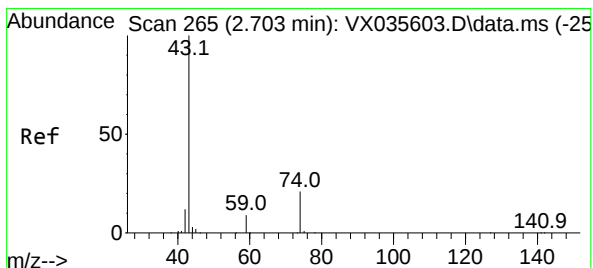
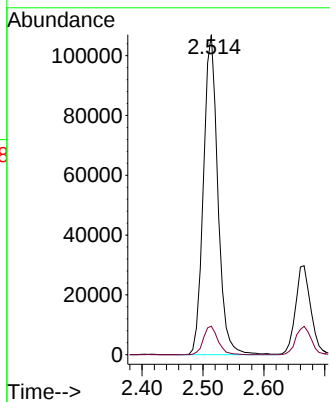
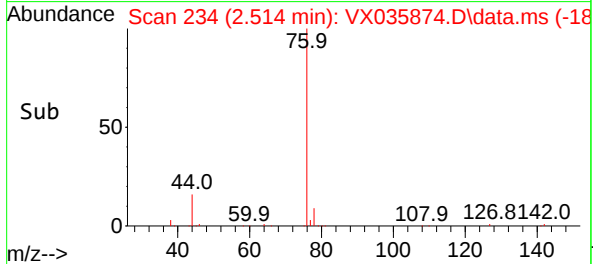
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 176298
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

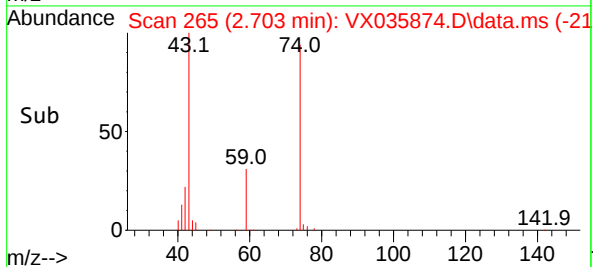
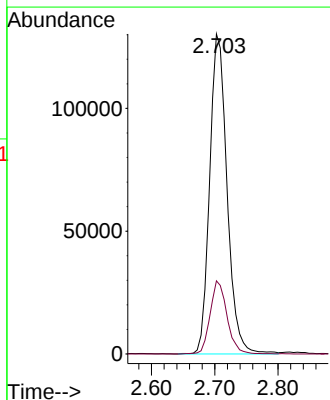
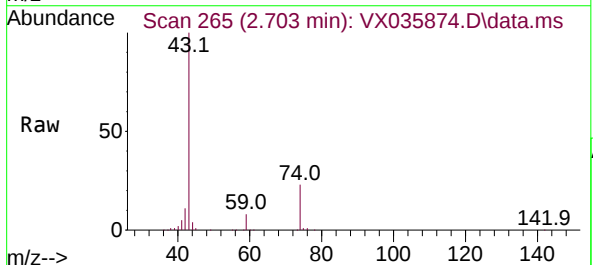
Manual Integrations
APPROVED

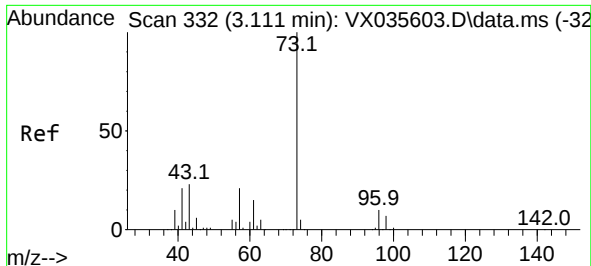
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#18
Methyl Acetate
Concen: 57.274 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

Tgt Ion: 43 Resp: 248995
Ion Ratio Lower Upper
43 100
74 22.2 18.3 27.5





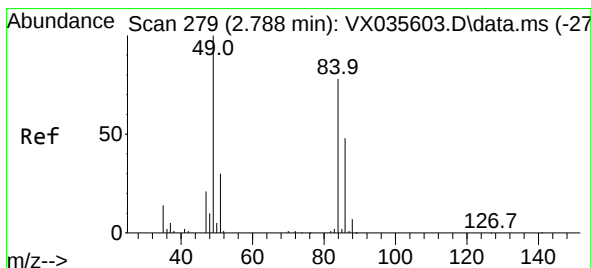
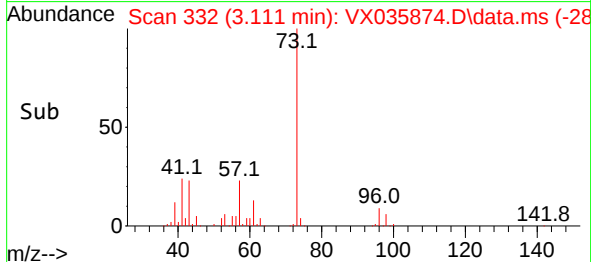
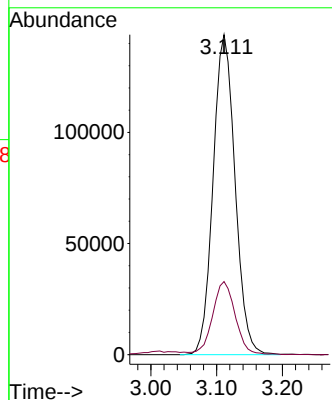
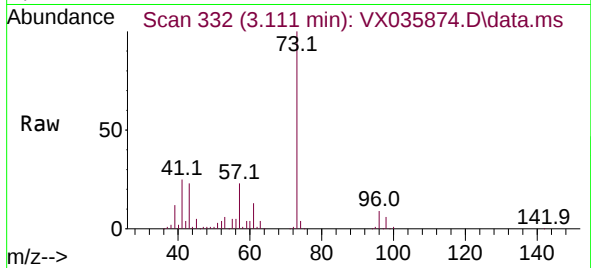
#19
Methyl tert-butyl Ether
Concen: 48.040 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 334699
Ion Ratio Lower Upper
73 100
57 22.7 18.5 27.7

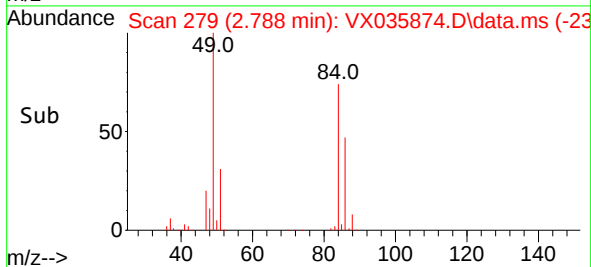
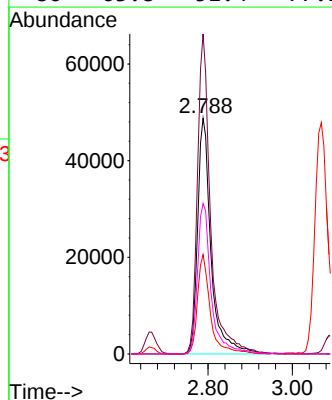
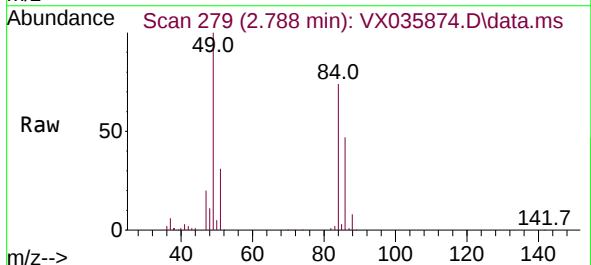
Manual Integrations
APPROVED

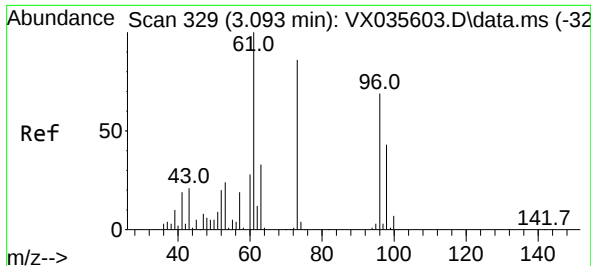
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#20
Methylene Chloride
Concen: 50.748 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

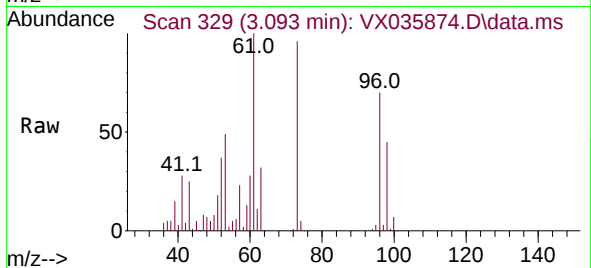
Tgt Ion: 84 Resp: 108419
Ion Ratio Lower Upper
84 100
49 135.8 103.8 155.8
51 42.2 31.8 47.8
86 63.8 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 50.581 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

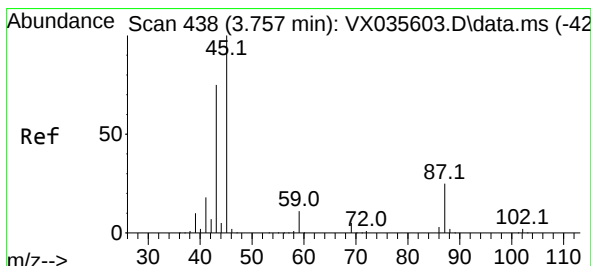
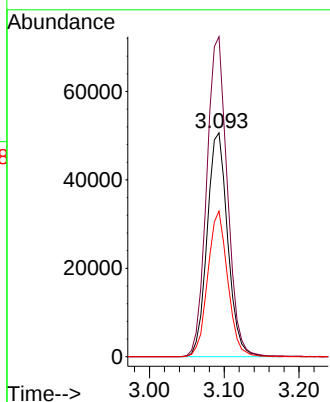
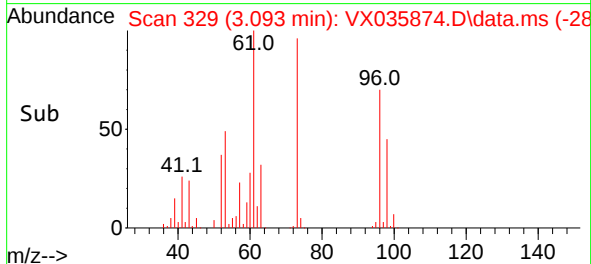
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 97039
Ion Ratio Lower Upper
96 100
61 142.9 113.0 169.6
98 64.9 52.1 78.1

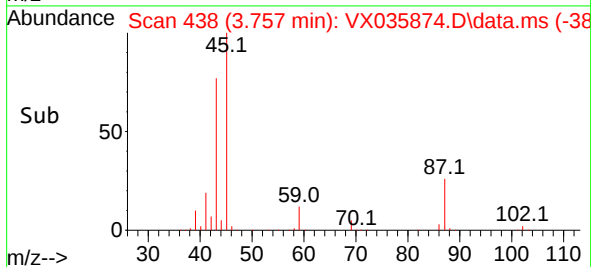
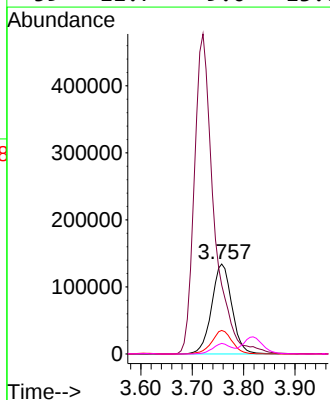
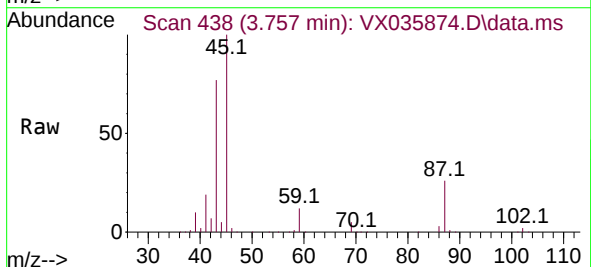
Manual Integrations
APPROVED

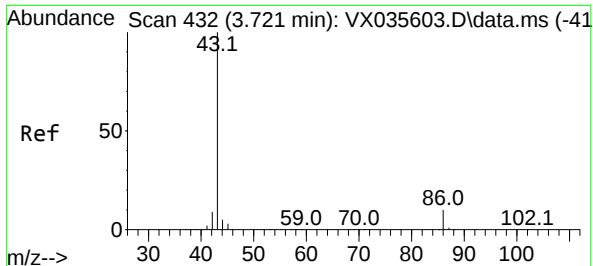
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#22
Diisopropyl ether
Concen: 49.902 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

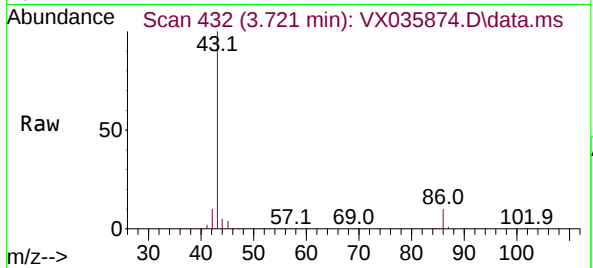
Tgt Ion: 45 Resp: 366477
Ion Ratio Lower Upper
45 100
43 75.8 65.4 98.2
87 26.2 20.6 31.0
59 11.7 9.0 13.6





#23
 Vinyl Acetate
 Concen: 244.342 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX035874.D
 Acq: 25 May 2023 23:20

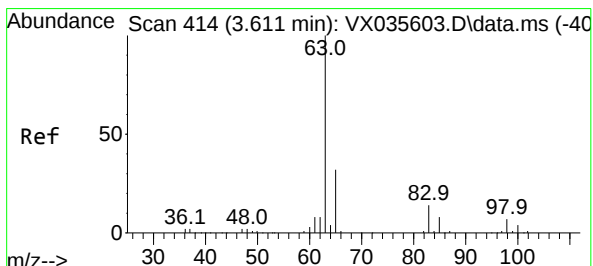
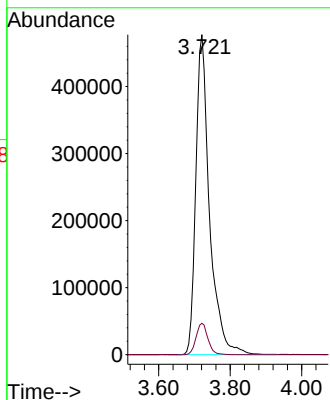
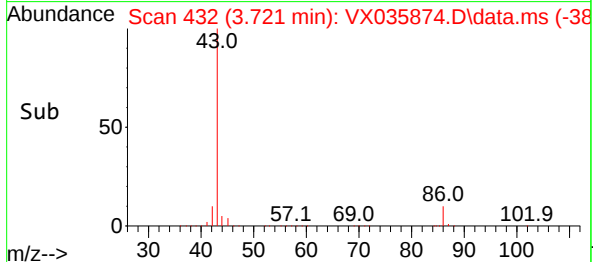
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



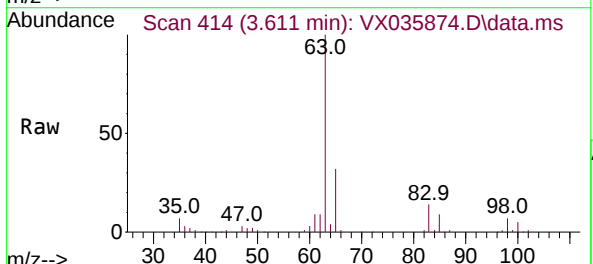
Tgt Ion: 43 Resp: 1269680
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.5 12.7

Manual Integrations
 APPROVED

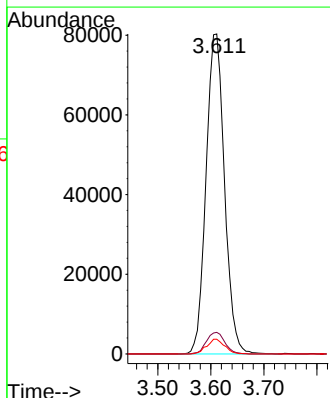
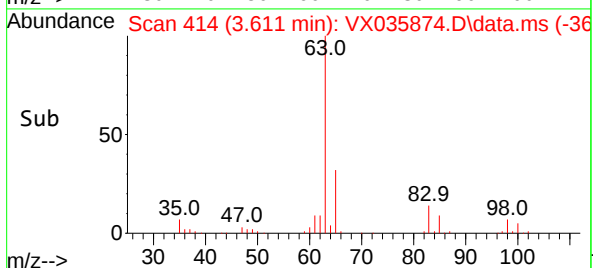
Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

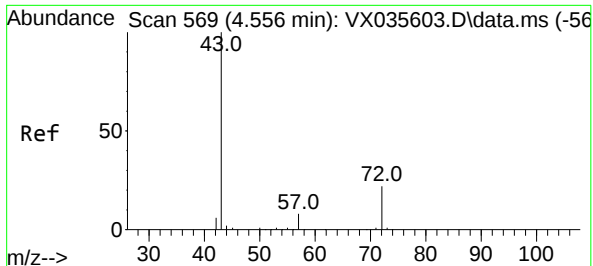


#24
 1,1-Dichloroethane
 Concen: 49.443 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX035874.D
 Acq: 25 May 2023 23:20



Tgt Ion: 63 Resp: 194195
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.2
 100 4.6 2.4 7.1





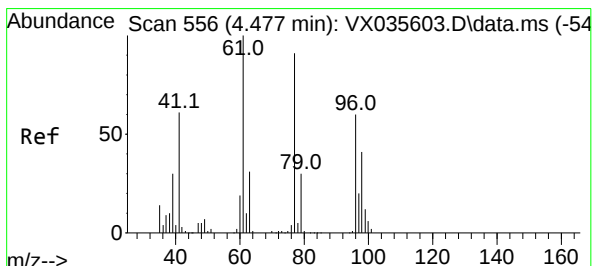
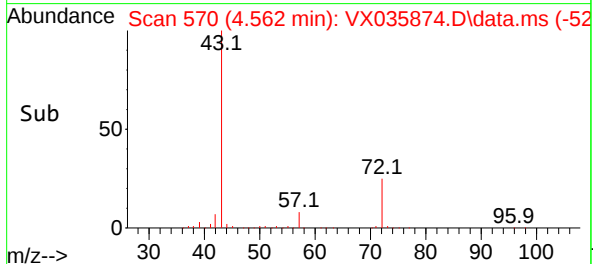
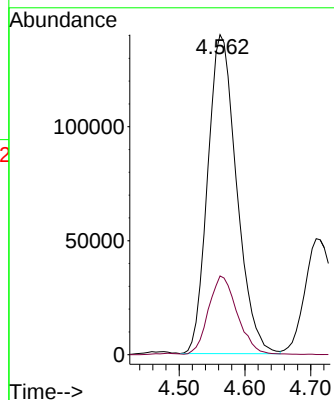
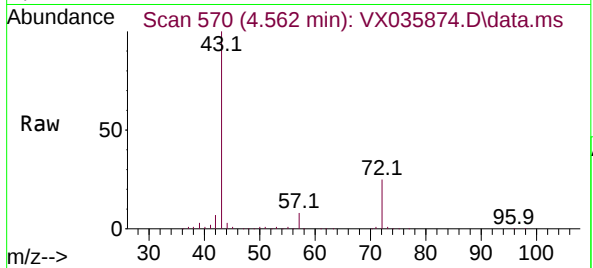
#25
2-Butanone
Concen: 262.294 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 42802
Ion Ratio Lower Upper
43 100
72 24.5 19.3 28.9

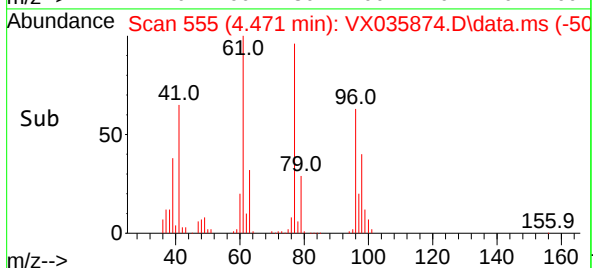
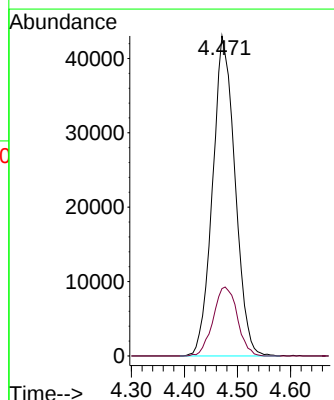
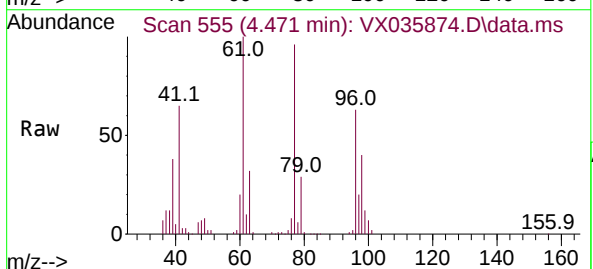
Manual Integrations
APPROVED

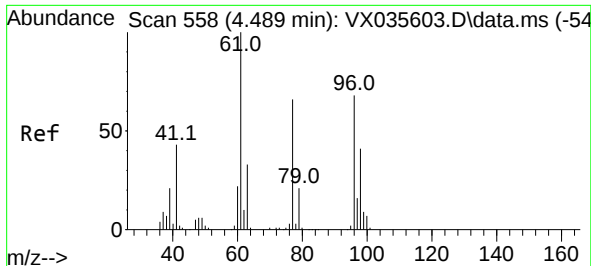
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#26
2,2-Dichloropropane
Concen: 38.051 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

Tgt Ion: 77 Resp: 126560
Ion Ratio Lower Upper
77 100
97 23.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 50.974 ug/l

RT: 4.483 min Scan# 511

Delta R.T. -0.006 min

Lab File: VX035874.D

Acq: 25 May 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 11755

Ion Ratio Lower Upper

96 100

61 147.0 0.0 300.4

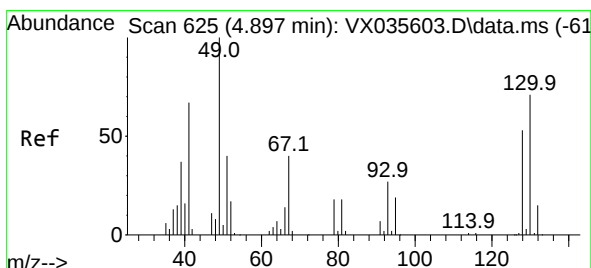
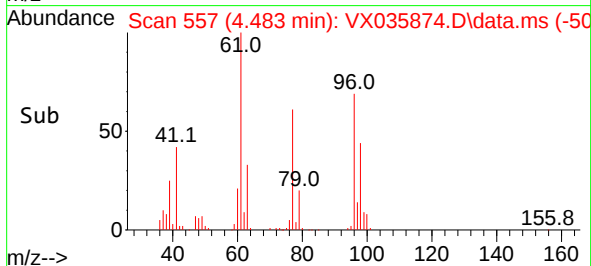
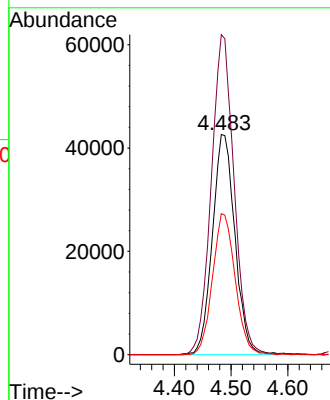
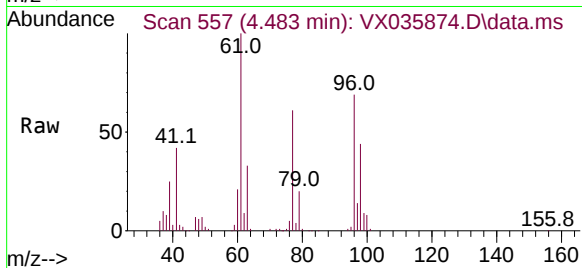
98 64.3 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#28

Bromochloromethane

Concen: 48.569 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX035874.D

Acq: 25 May 2023 23:20

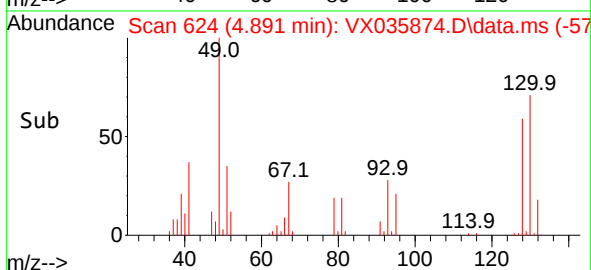
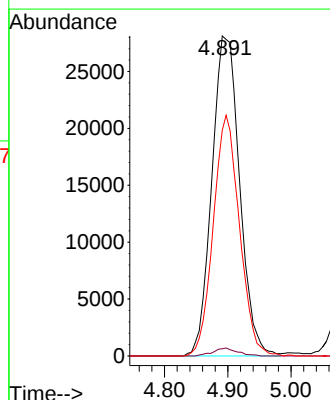
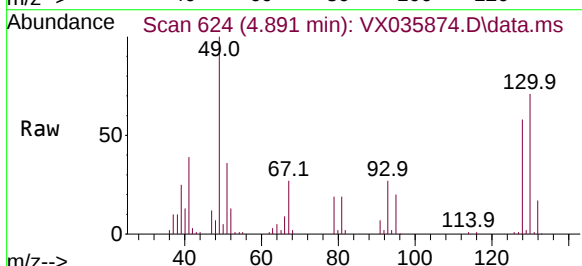
Tgt Ion: 49 Resp: 85804

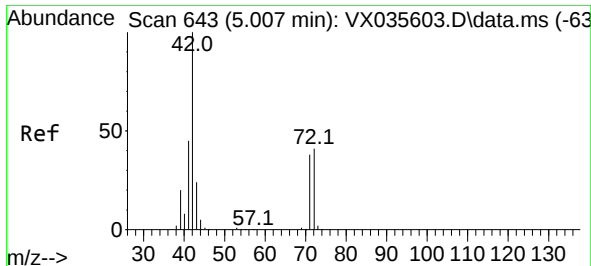
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.0

130 70.7 58.2 87.2





#29

Tetrahydrofuran

Concen: 271.225 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX035874.D

Acq: 25 May 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

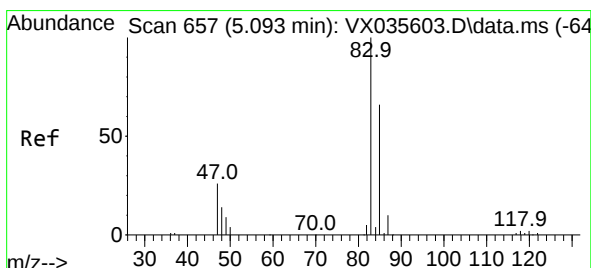
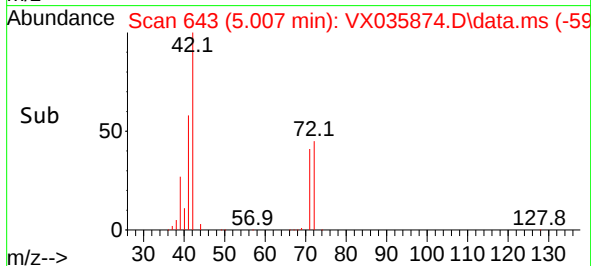
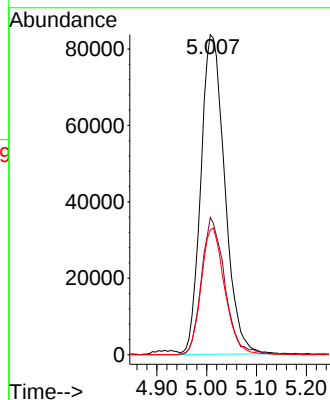
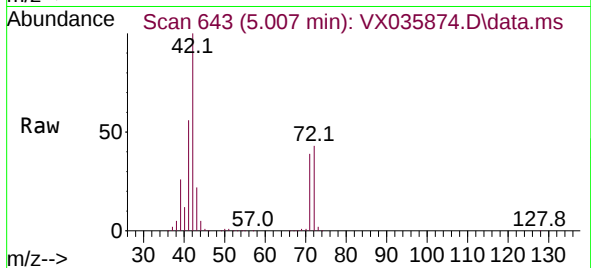
Tgt Ion:	42	Resp:	27818
Ion Ratio	Lower	Upper	
42	100		
72	41.9	34.5	51.7
71	39.1	32.1	48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#30

Chloroform

Concen: 49.117 ug/l

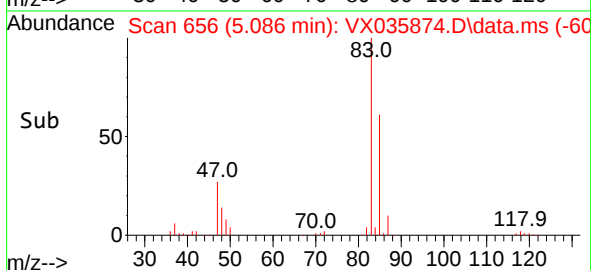
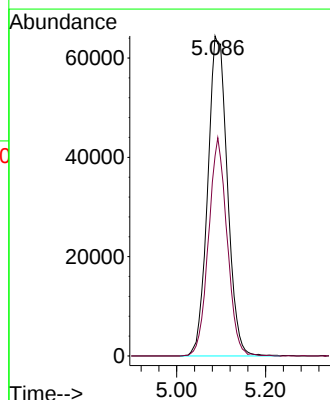
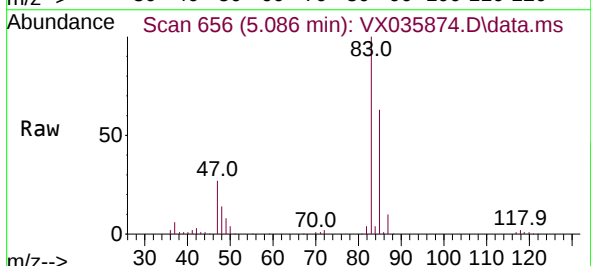
RT: 5.086 min Scan# 656

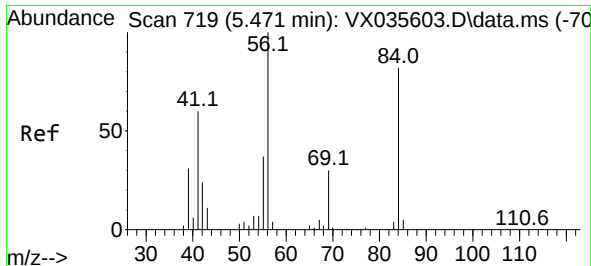
Delta R.T. -0.007 min

Lab File: VX035874.D

Acq: 25 May 2023 23:20

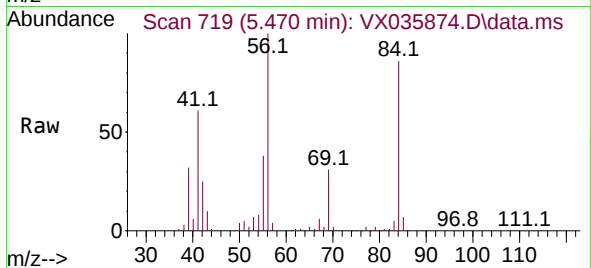
Tgt Ion:	83	Resp:	197682
Ion Ratio	Lower	Upper	
83	100		
85	62.5	50.6	76.0





#31
Cyclohexane
Concen: 48.085 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

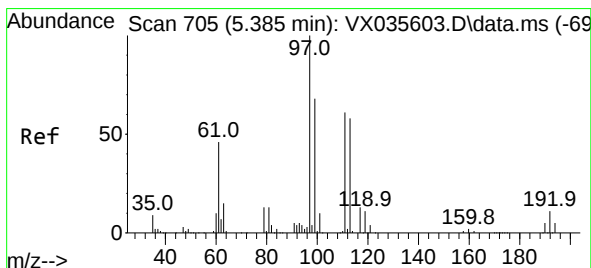
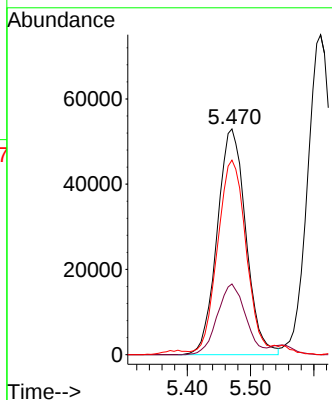
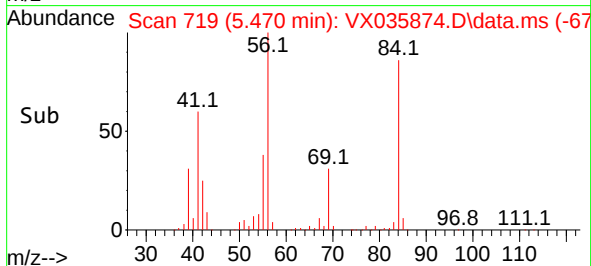
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



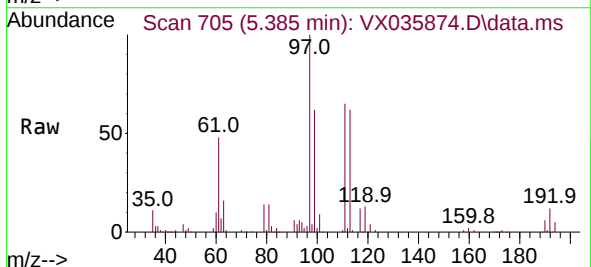
Tgt Ion: 56 Resp: 166624
Ion Ratio Lower Upper
56 100
69 31.4 23.7 35.5
84 84.2 68.5 102.7

Manual Integrations
APPROVED

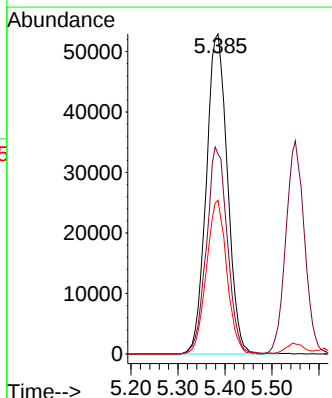
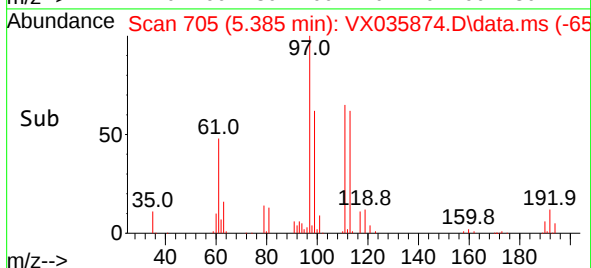
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

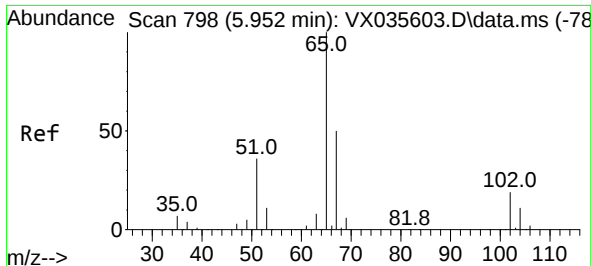


#32
1,1,1-Trichloroethane
Concen: 47.278 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20



Tgt Ion: 97 Resp: 165561
Ion Ratio Lower Upper
97 100
99 63.7 51.1 76.7
61 46.5 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 45.285 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035874.D

Acq: 25 May 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 12420

Ion Ratio Lower Upper

65 100

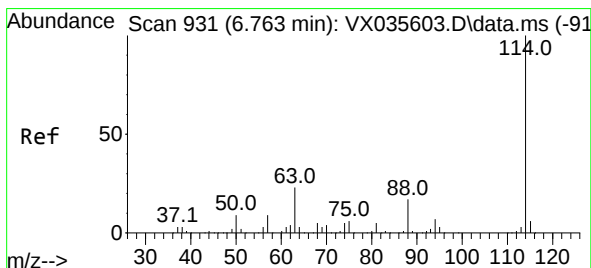
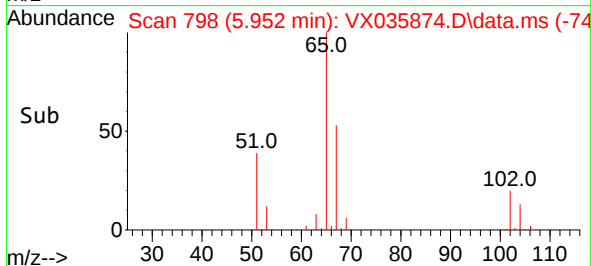
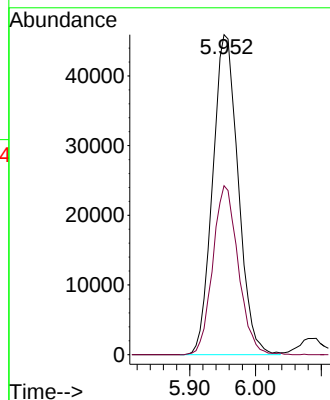
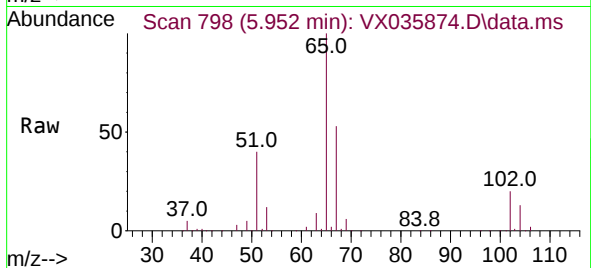
67 52.6 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035874.D

Acq: 25 May 2023 23:20

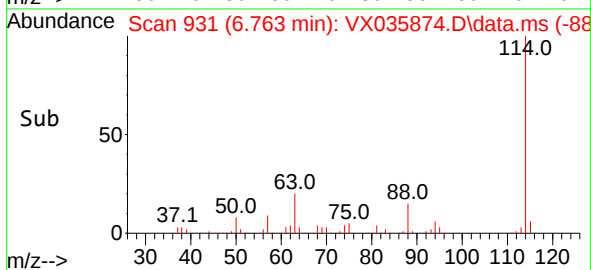
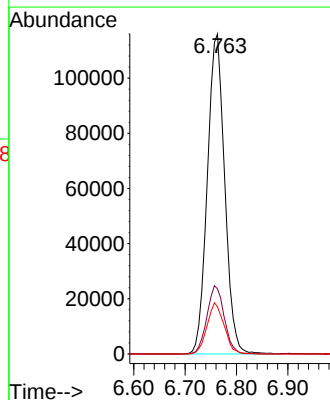
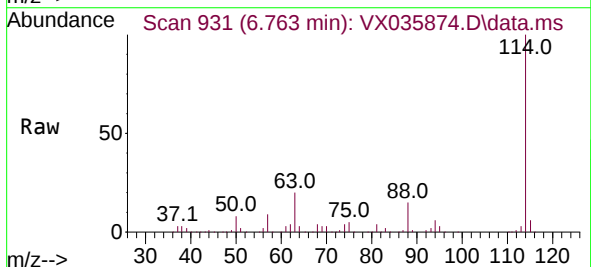
Tgt Ion:114 Resp: 272045

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.2

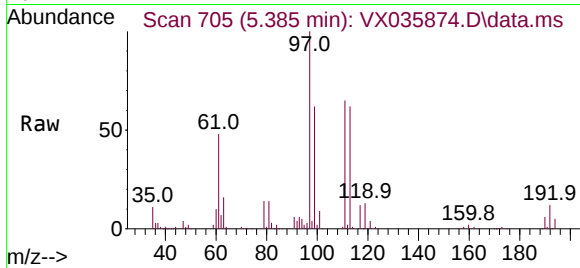
88 14.7 0.0 33.2





#35
Dibromofluoromethane
Concen: 52.908 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

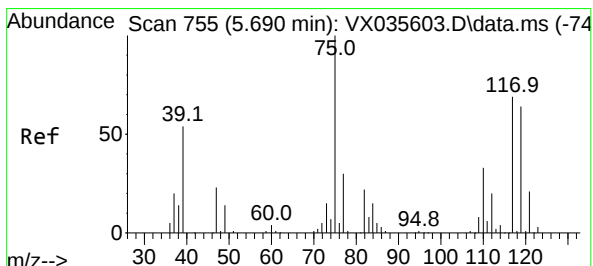
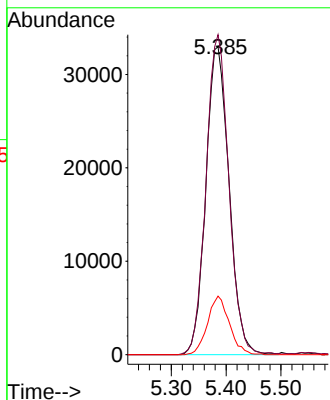
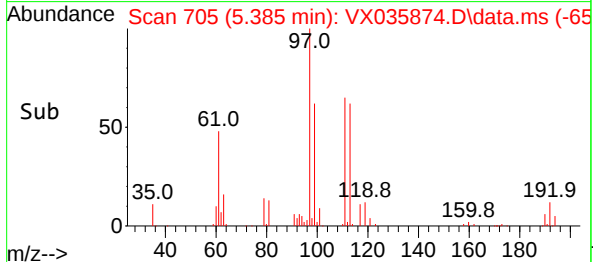
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



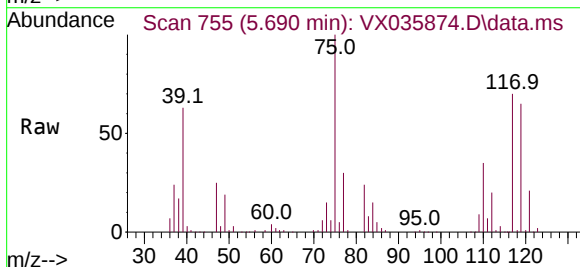
Tgt Ion:113 Resp: 97068
Ion Ratio Lower Upper
113 100
111 102.1 83.7 125.5
192 17.9 15.4 23.2

Manual Integrations
APPROVED

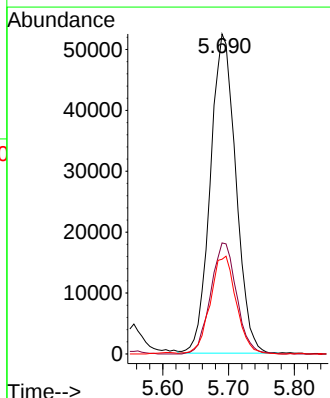
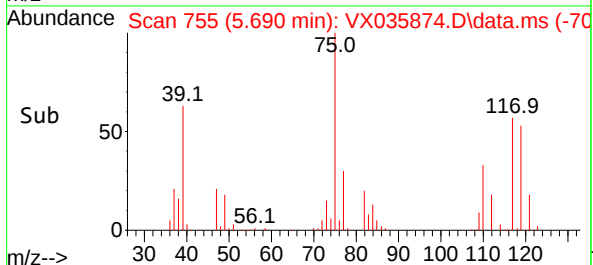
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

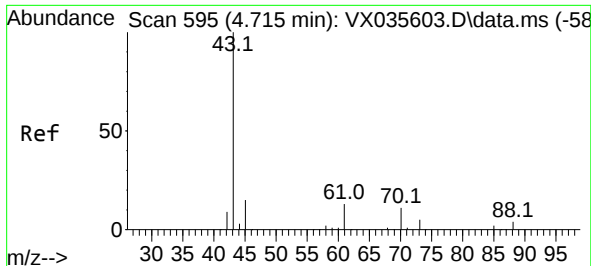


#36
1,1-Dichloropropene
Concen: 48.873 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20



Tgt Ion: 75 Resp: 141533
Ion Ratio Lower Upper
75 100
110 35.3 17.5 52.5
77 31.2 24.3 36.5





#37

Ethyl Acetate

Concen: 51.938 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.007 min

Lab File: VX035874.D

Acq: 25 May 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 15688

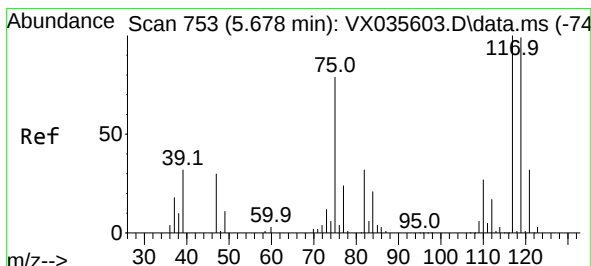
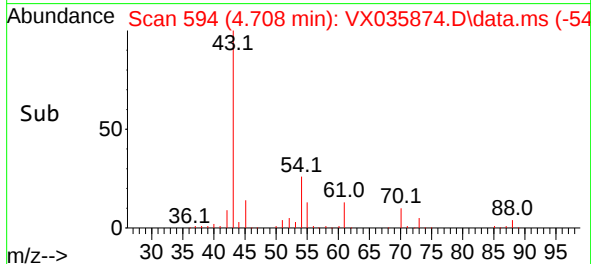
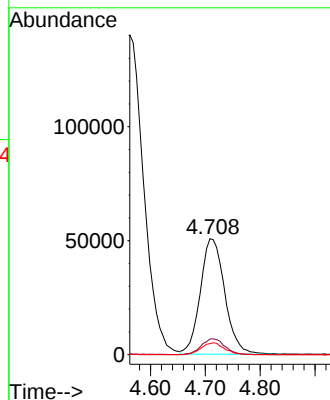
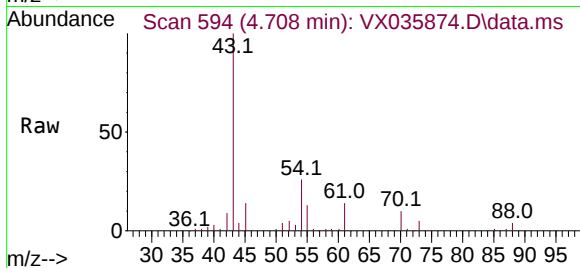
Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.2	15.4
70	9.7	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#38

Carbon Tetrachloride

Concen: 48.239 ug/l

RT: 5.678 min Scan# 753

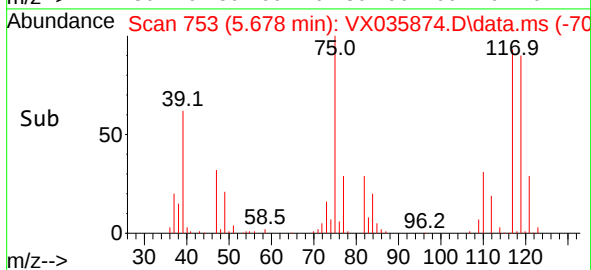
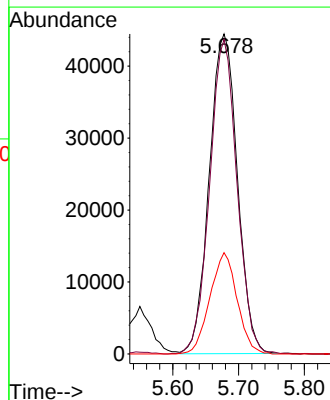
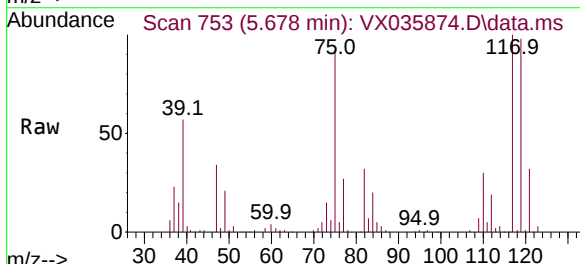
Delta R.T. -0.000 min

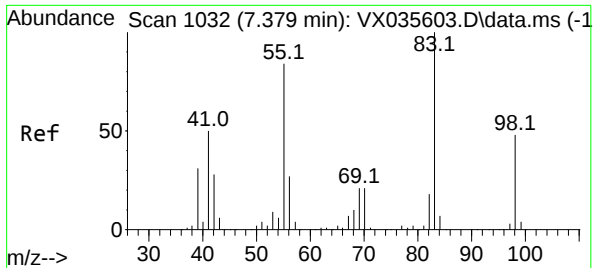
Lab File: VX035874.D

Acq: 25 May 2023 23:20

Tgt Ion:117 Resp: 132335

Ion	Ratio	Lower	Upper
117	100		
119	98.2	76.6	114.8
121	31.7	23.8	35.6





#39

Methylcyclohexane

Concen: 49.054 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX035874.D

Acq: 25 May 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 16722

Ion Ratio Lower Upper

83 100

55 77.4 60.5 90.7

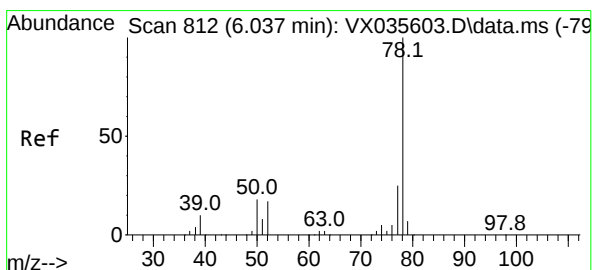
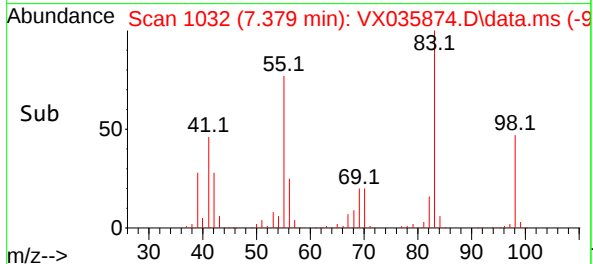
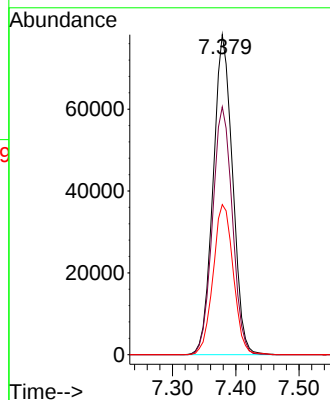
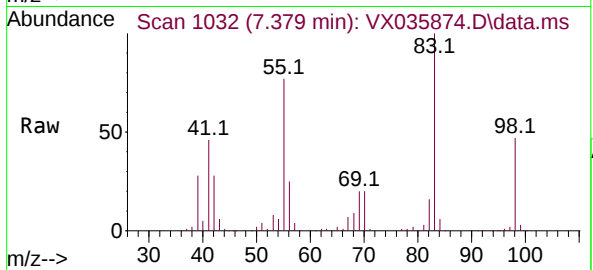
98 46.9 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#40

Benzene

Concen: 52.033 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX035874.D

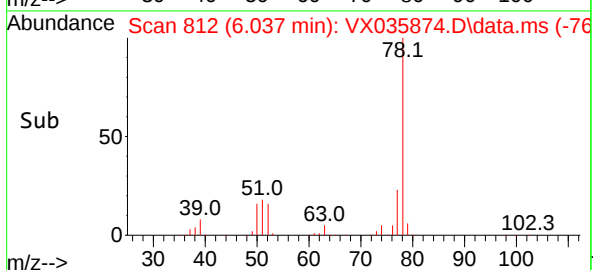
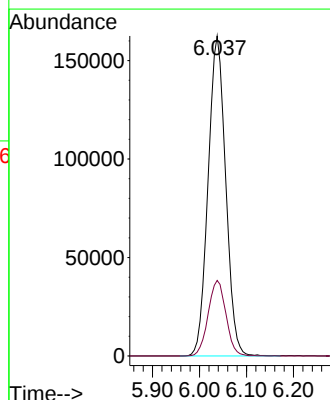
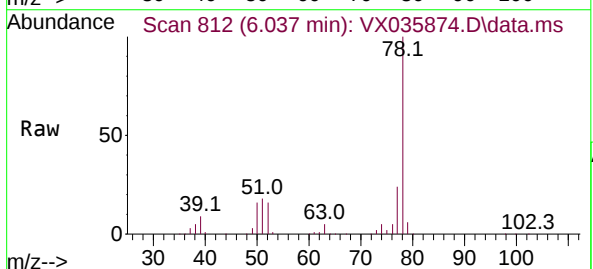
Acq: 25 May 2023 23:20

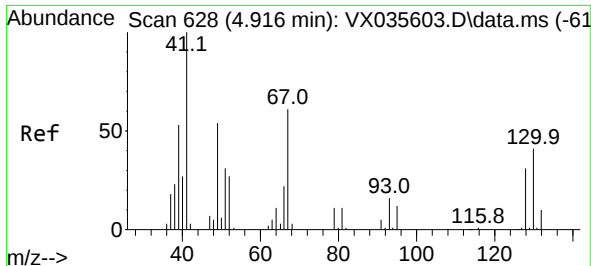
Tgt Ion: 78 Resp: 421538

Ion Ratio Lower Upper

78 100

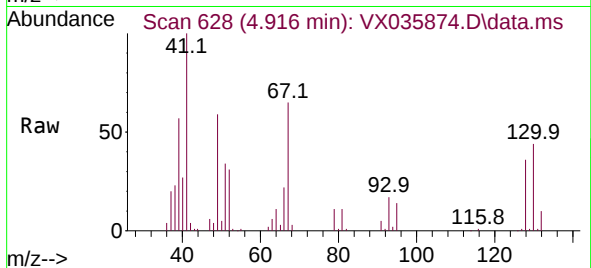
77 23.6 19.0 28.4





#41
Methacrylonitrile
Concen: 51.882 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

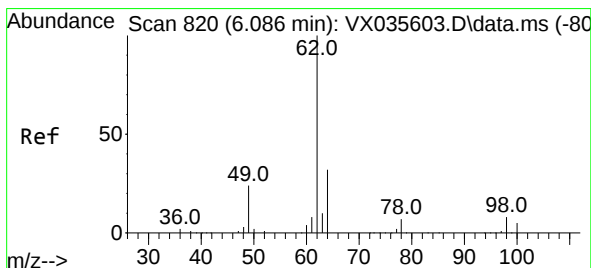
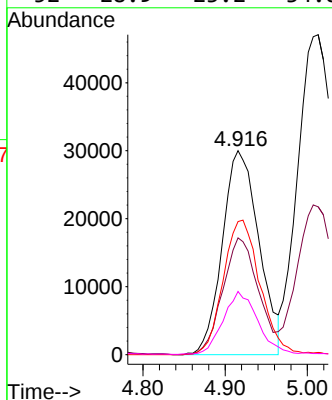
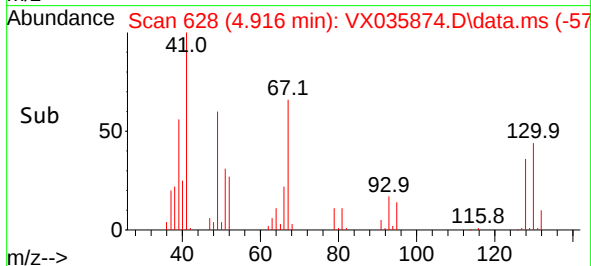
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 93040
Ion Ratio Lower Upper
41 100
39 54.8 45.0 67.6
67 66.6 55.6 83.4
52 28.9 23.2 34.8

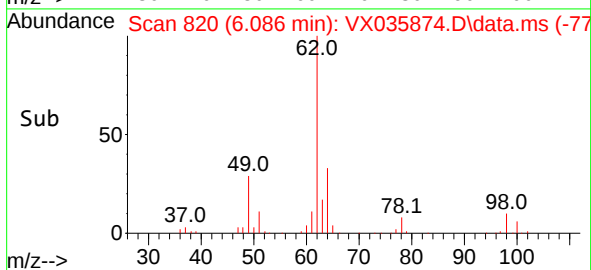
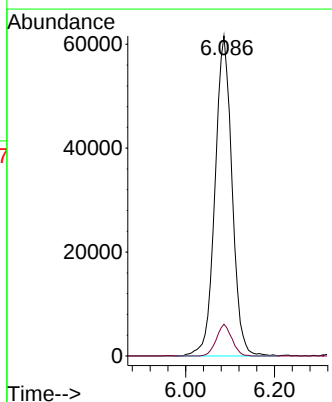
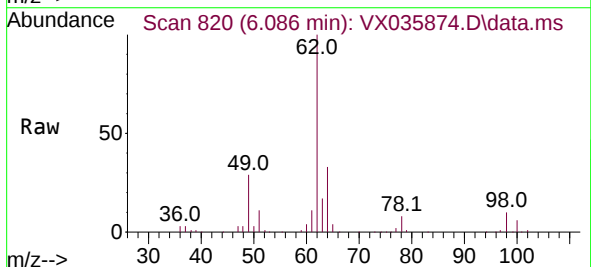
Manual Integrations
APPROVED

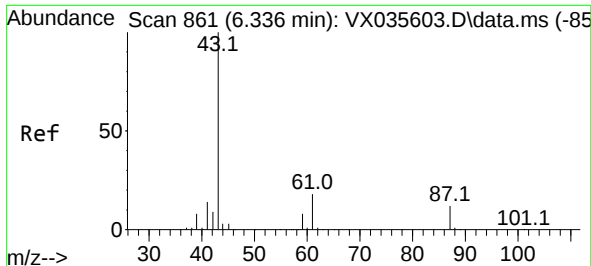
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#42
1,2-Dichloroethane
Concen: 46.934 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

Tgt Ion: 62 Resp: 163566
Ion Ratio Lower Upper
62 100
98 9.0 0.0 18.0





#43

Isopropyl Acetate

Concen: 49.680 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX035874.D

Acq: 25 May 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

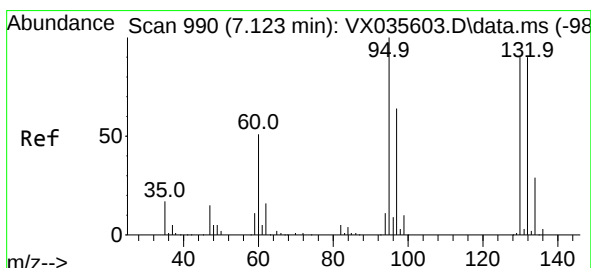
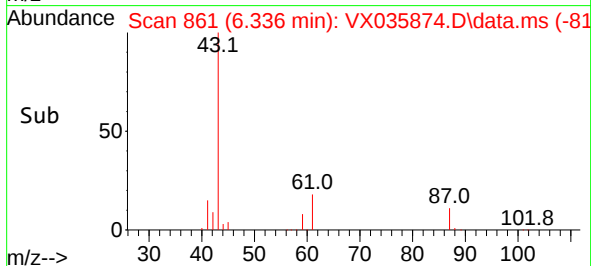
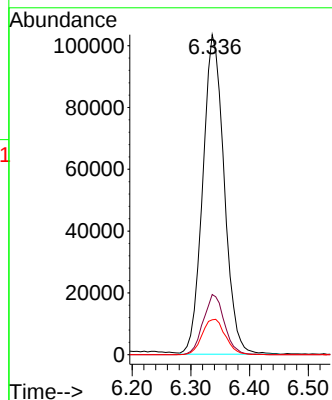
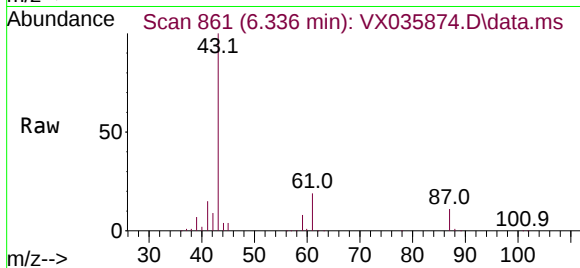
Tgt Ion:	43	Resp:	26167
Ion	Ratio	Lower	Upper
43	100		
61	18.6	15.2	22.8
87	11.9	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#44

Trichloroethene

Concen: 53.399 ug/l

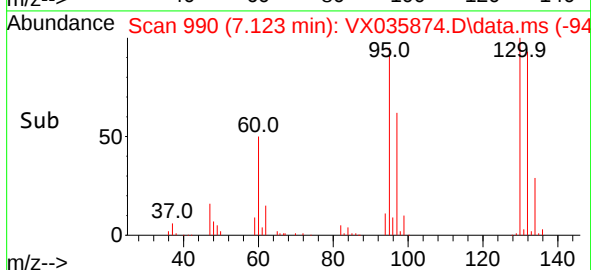
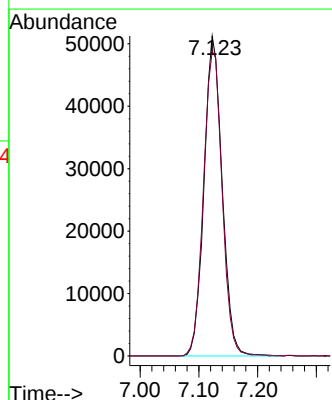
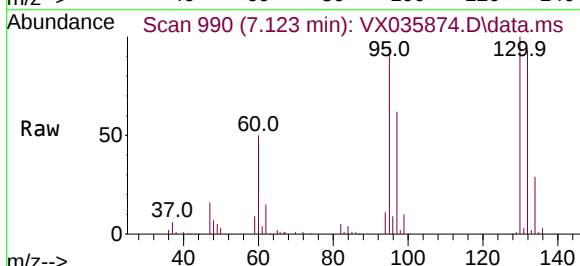
RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX035874.D

Acq: 25 May 2023 23:20

Tgt Ion:	130	Resp:	109692
Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	198.4





#45

1,2-Dichloropropane

Concen: 52.579 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035874.D

Acq: 25 May 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 11281

Ion Ratio Lower Upper

63 100

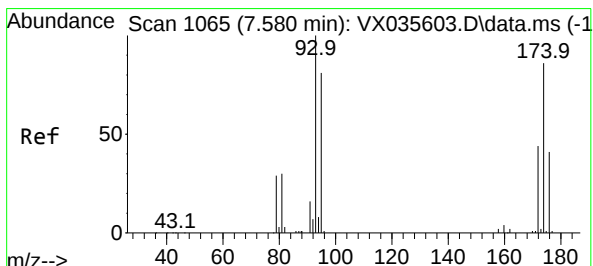
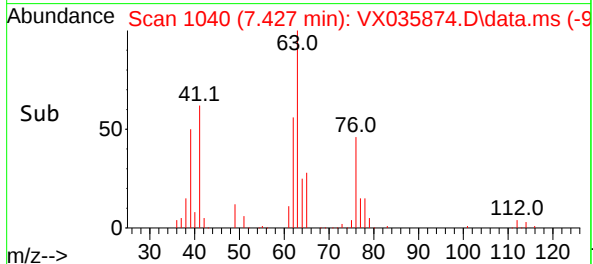
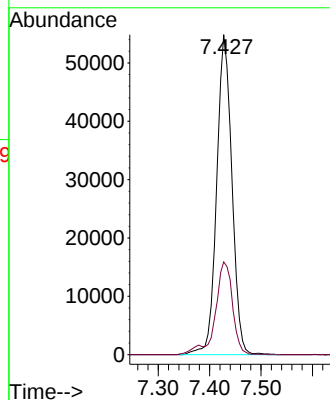
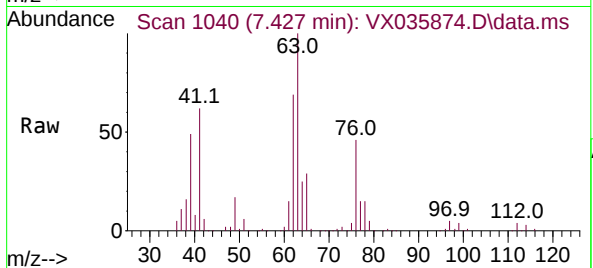
65 29.0 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#46

Dibromomethane

Concen: 52.095 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035874.D

Acq: 25 May 2023 23:20

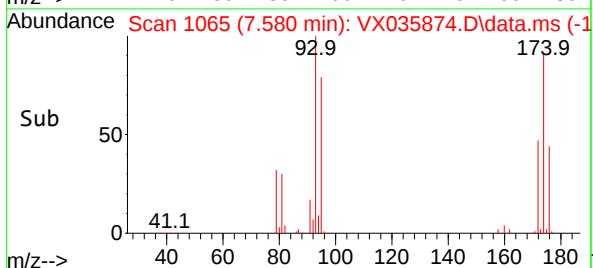
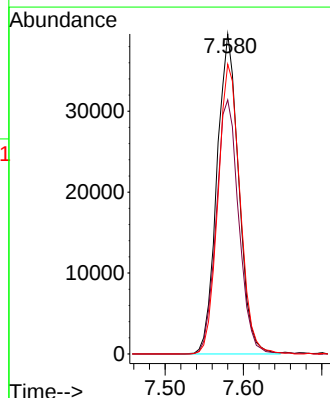
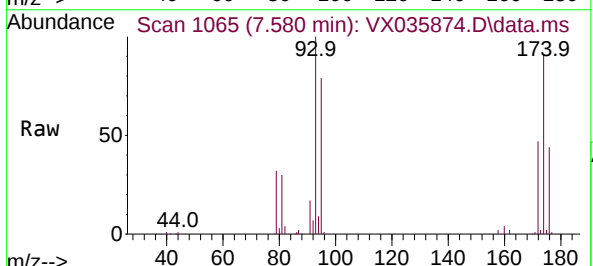
Tgt Ion: 93 Resp: 76513

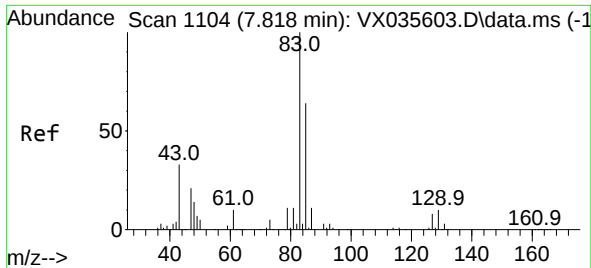
Ion Ratio Lower Upper

93 100

95 82.0 66.9 100.3

174 91.3 75.4 113.0





#47
Bromodichloromethane
Concen: 50.100 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

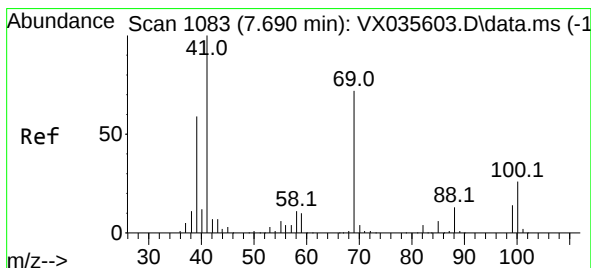
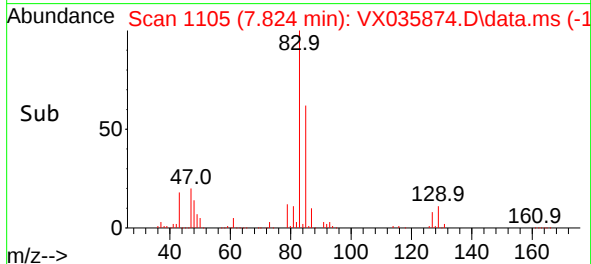
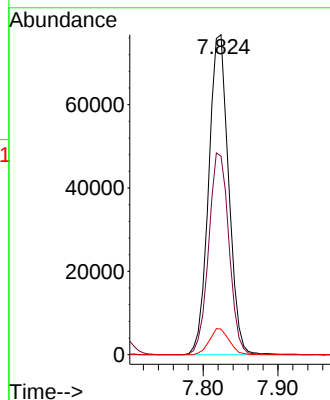
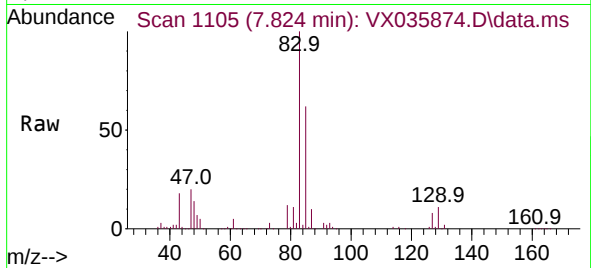
Tgt Ion: 83 Resp: 14222
Ion Ratio Lower Upper
83 100
85 62.1 52.2 78.4
127 8.0 6.6 9.8

Manual Integrations

APPROVED

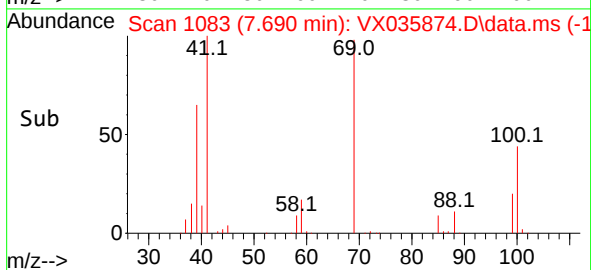
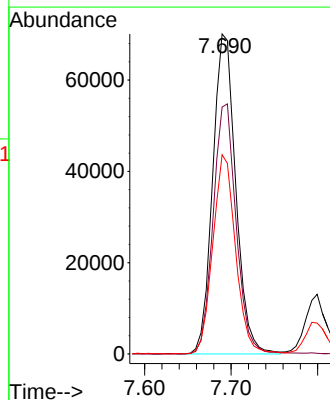
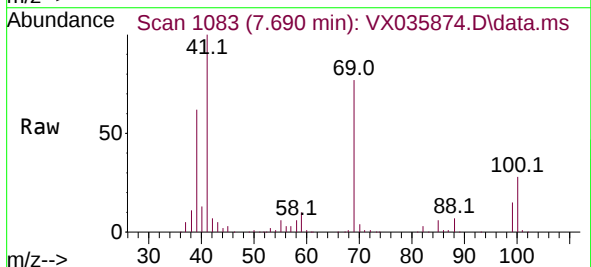
Reviewed By :John Carlone 05/26/2023

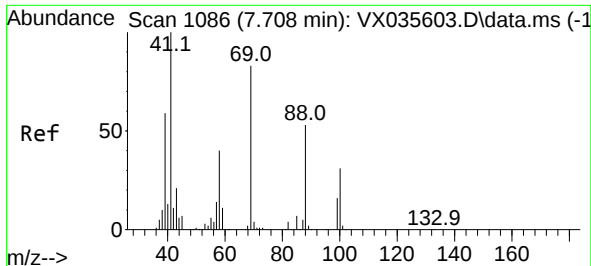
Supervised By :Mahesh Dadoda 05/26/2023



#48
Methyl methacrylate
Concen: 49.924 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

Tgt Ion: 41 Resp: 129774
Ion Ratio Lower Upper
41 100
69 78.1 62.2 93.4
39 61.6 47.7 71.5





#49

1,4-Dioxane

Concen: 1010.832 ug/l

RT: 7.726 min Scan# 1086

Delta R.T. 0.018 min

Lab File: VX035874.D

Acq: 25 May 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

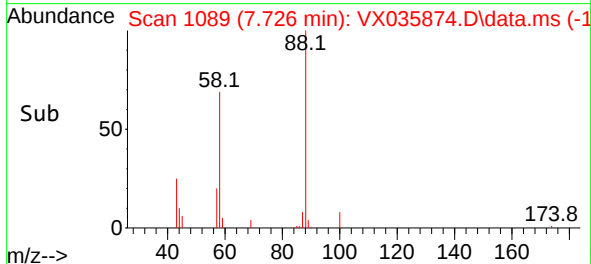
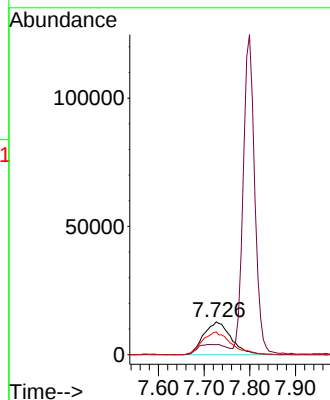
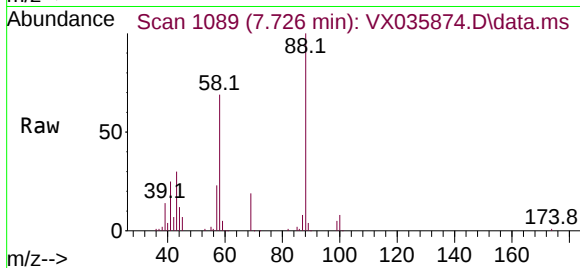
Tgt Ion: 88	Resp: 5313
Ion Ratio	Lower Upper
88 100	
43 32.2	27.7 41.5
58 72.9	56.8 85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#50

Toluene-d8

Concen: 51.930 ug/l

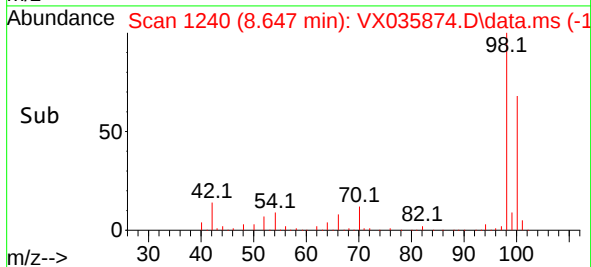
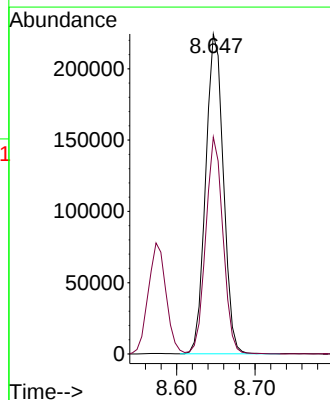
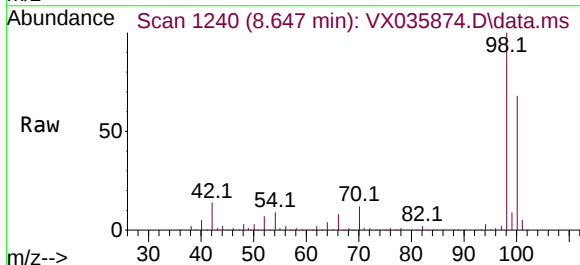
RT: 8.647 min Scan# 1240

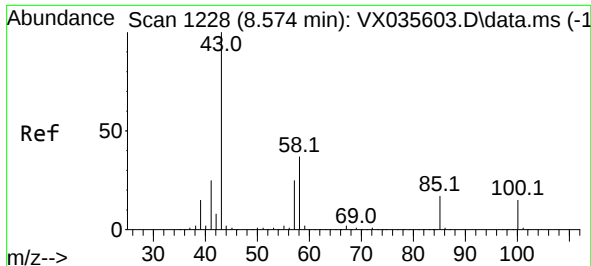
Delta R.T. -0.000 min

Lab File: VX035874.D

Acq: 25 May 2023 23:20

Tgt Ion: 98	Resp: 351964
Ion Ratio	Lower Upper
98 100	
100 66.1	52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 280.329 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

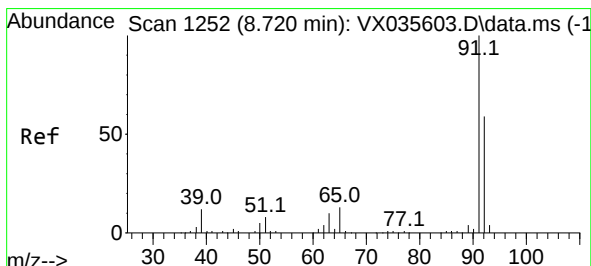
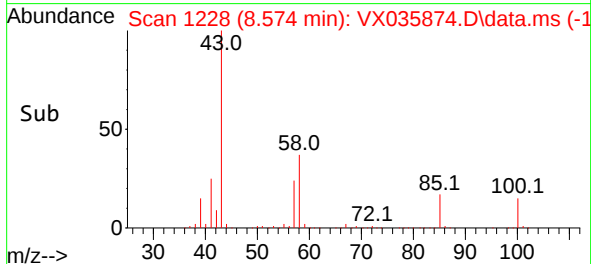
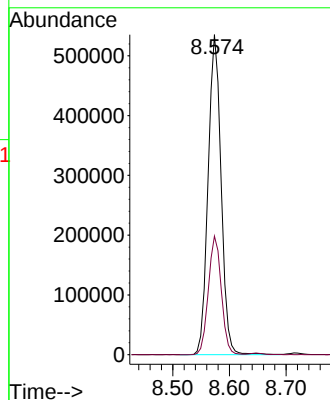
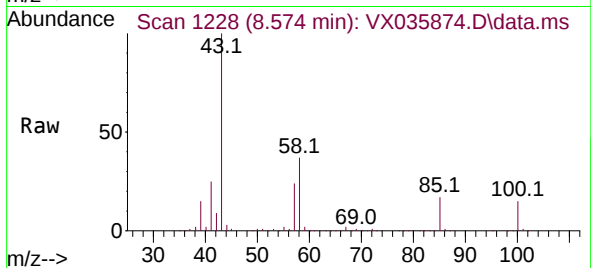
VSTDCCC050EC

Tgt Ion: 43 Resp: 85064
Ion Ratio Lower Upper
43 100
58 36.9 30.6 46.0

Manual Integrations

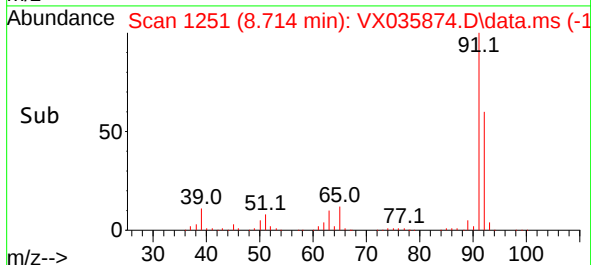
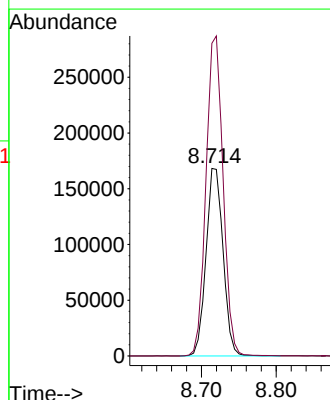
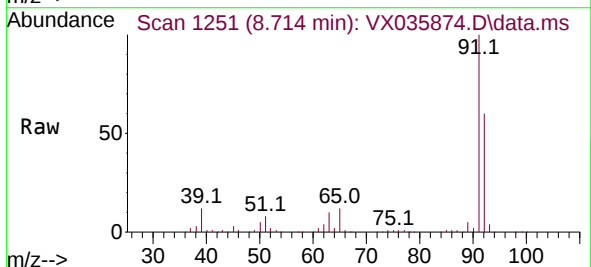
APPROVED

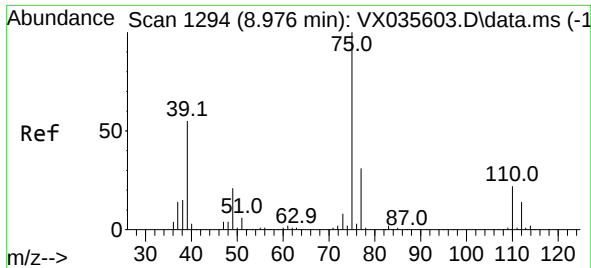
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#52
Toluene
Concen: 52.061 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

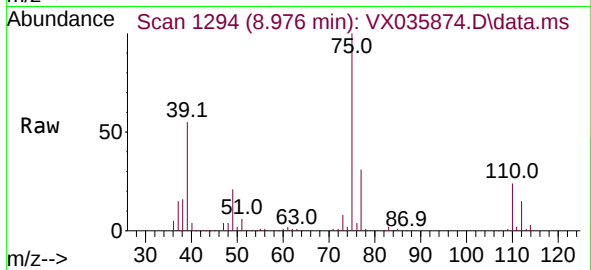
Tgt Ion: 92 Resp: 266239
Ion Ratio Lower Upper
92 100
91 171.0 136.8 205.2





#53
t-1,3-Dichloropropene
Concen: 48.316 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

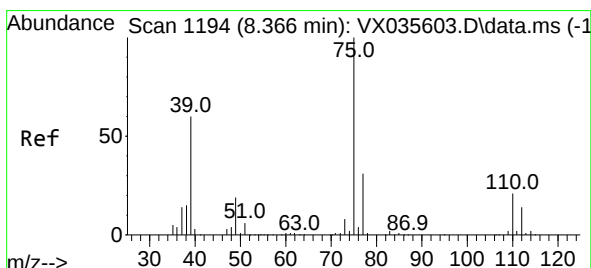
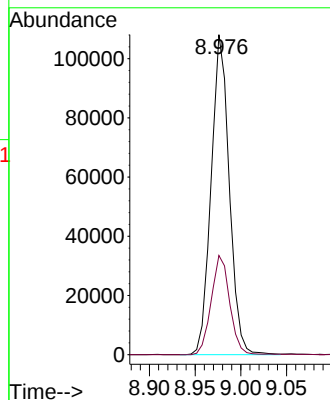
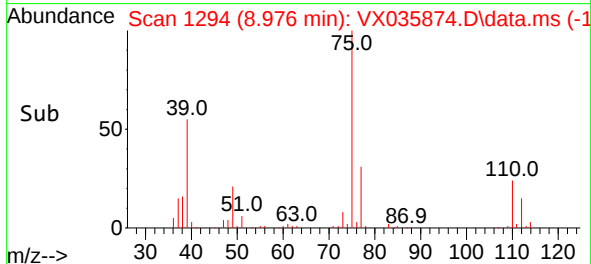
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



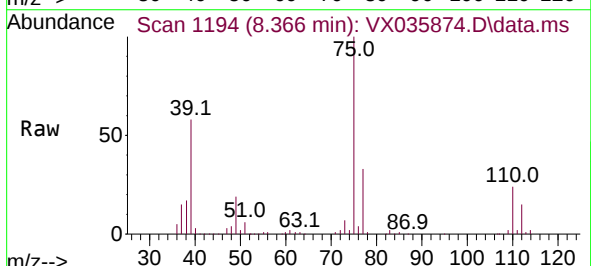
Tgt Ion: 75 Resp: 149015
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.2

Manual Integrations
APPROVED

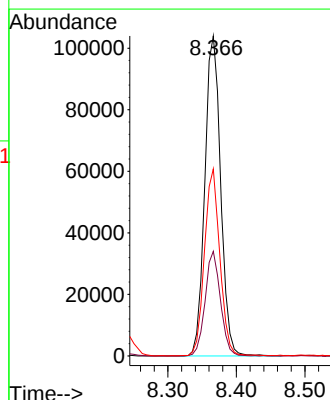
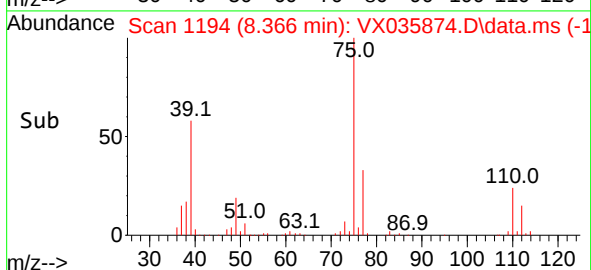
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

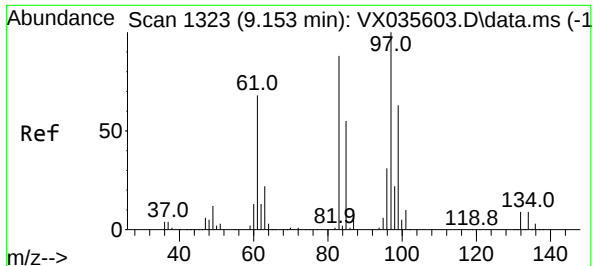


#54
cis-1,3-Dichloropropene
Concen: 50.607 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20



Tgt Ion: 75 Resp: 167229
Ion Ratio Lower Upper
75 100
77 32.7 25.0 37.4
39 58.3 44.6 66.8





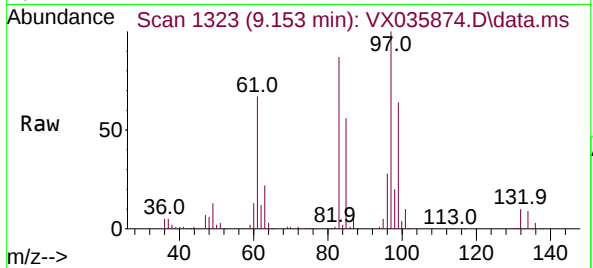
#55
1,1,2-Trichloroethane
Concen: 54.684 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



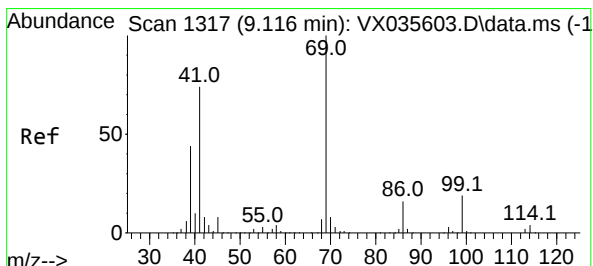
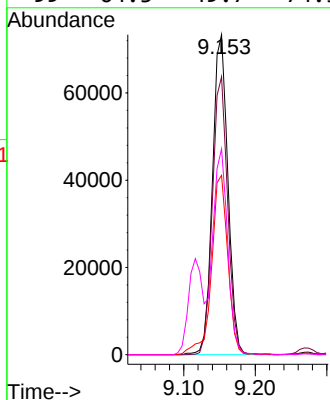
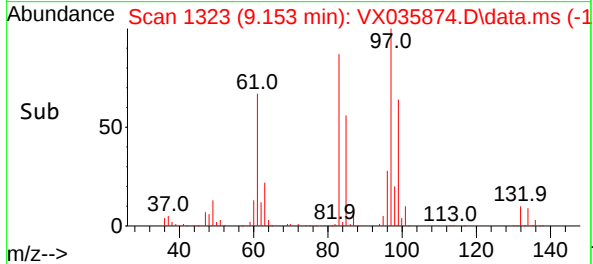
Tgt Ion: 97 Resp: 109838
Ion Ratio Lower Upper
97 100
83 86.8 69.7 104.5
85 56.0 43.7 65.5
99 64.3 49.7 74.5

Manual Integrations

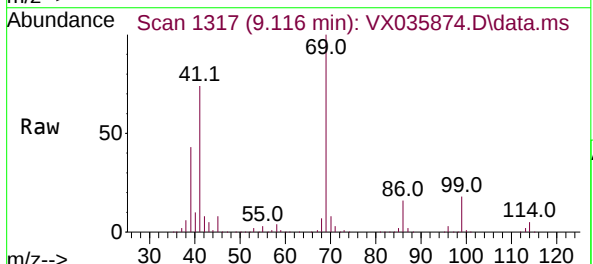
APPROVED

Reviewed By :John Carlone 05/26/2023

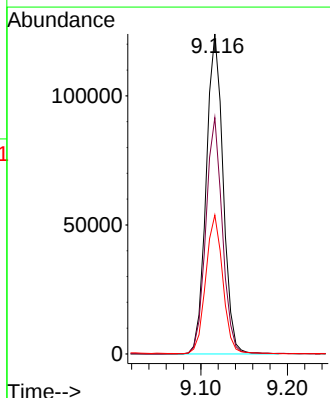
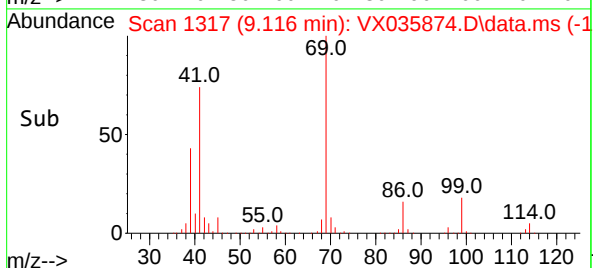
Supervised By :Mahesh Dadoda 05/26/2023

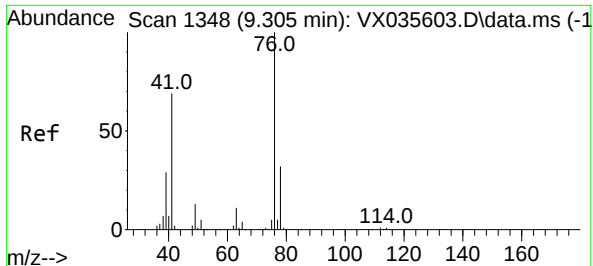


#56
Ethyl methacrylate
Concen: 51.732 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20



Tgt Ion: 69 Resp: 168272
Ion Ratio Lower Upper
69 100
41 72.6 57.4 86.0
39 43.9 33.7 50.5





#57

1,3-Dichloropropane

Concen: 52.696 ug/l

RT: 9.305 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX035874.D

Acq: 25 May 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 191874

Ion Ratio Lower Upper

76 100

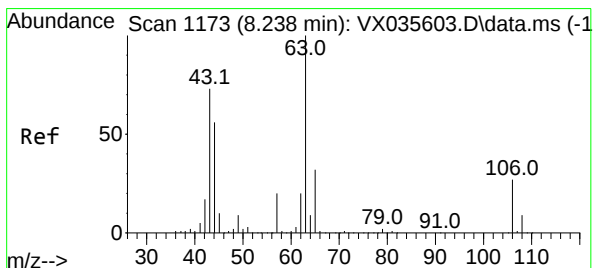
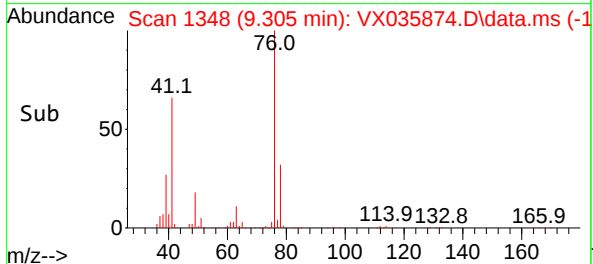
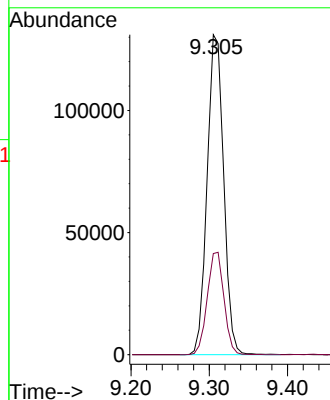
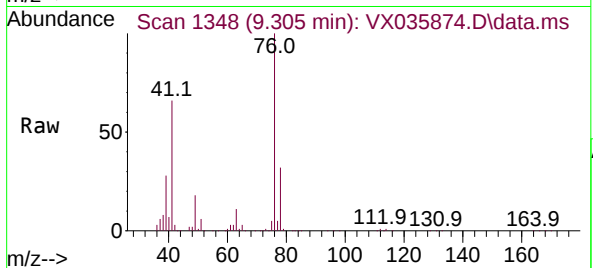
78 32.3 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#58

2-Chloroethyl Vinyl ether

Concen: 260.467 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX035874.D

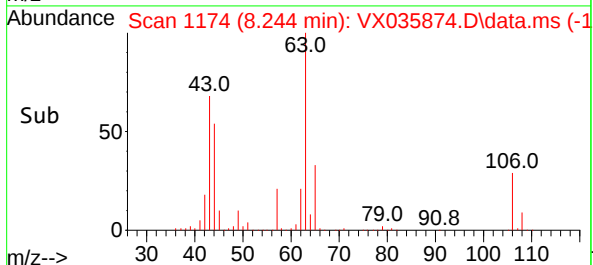
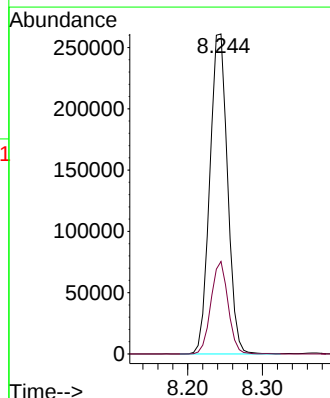
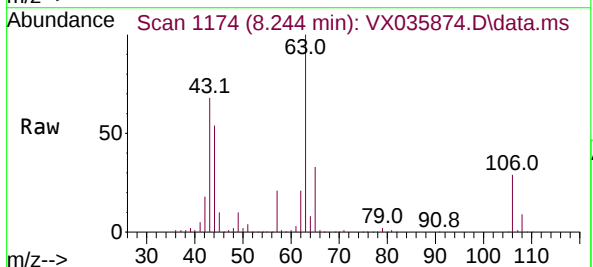
Acq: 25 May 2023 23:20

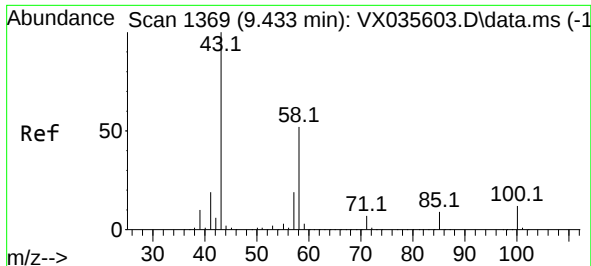
Tgt Ion: 63 Resp: 430999

Ion Ratio Lower Upper

63 100

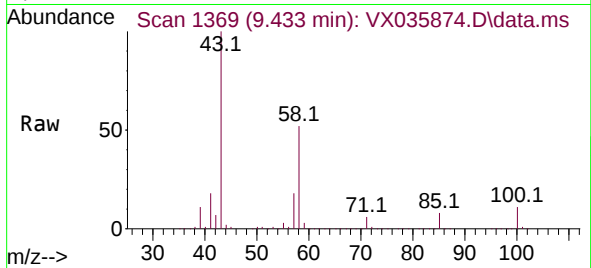
106 27.8 22.2 33.2





#59
2-Hexanone
Concen: 279.567 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

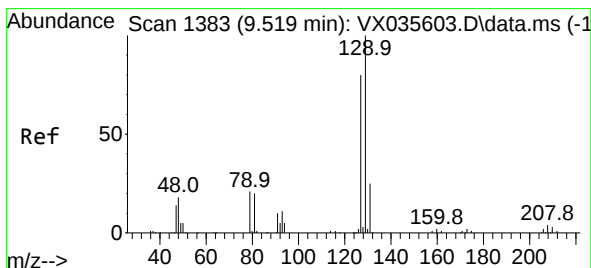
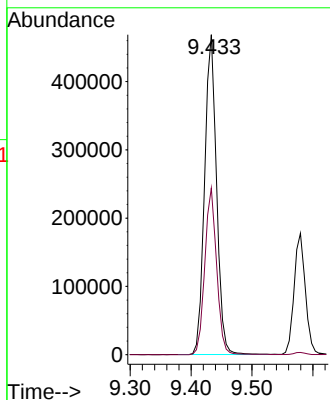
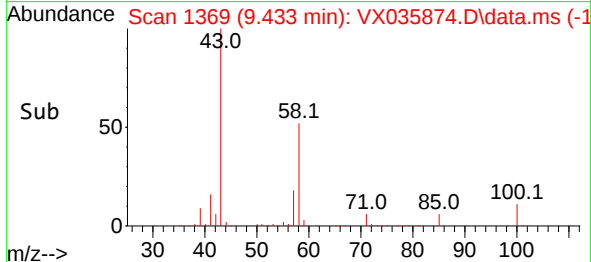
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 63887
Ion Ratio Lower Upper
43 100
58 51.7 26.3 78.9

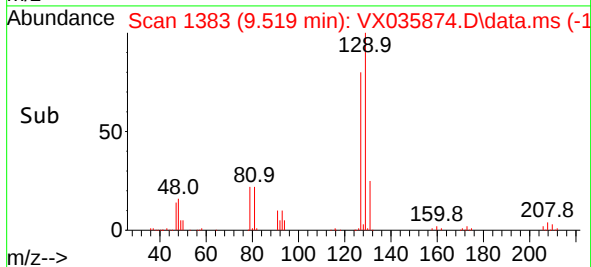
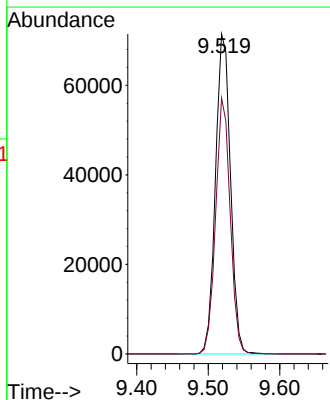
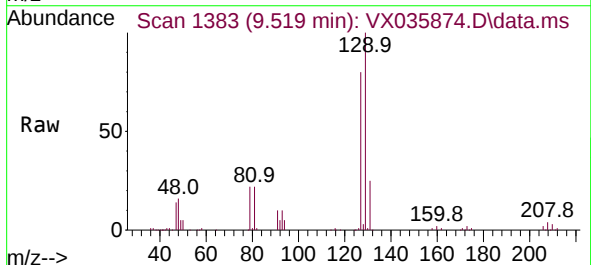
Manual Integrations
APPROVED

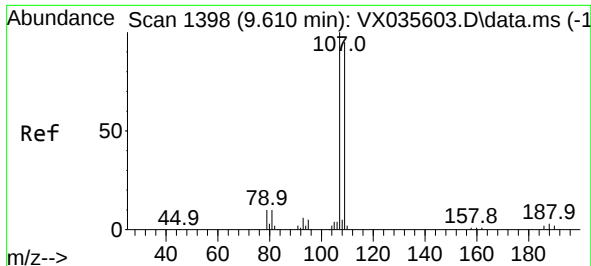
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#60
Dibromochloromethane
Concen: 54.349 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

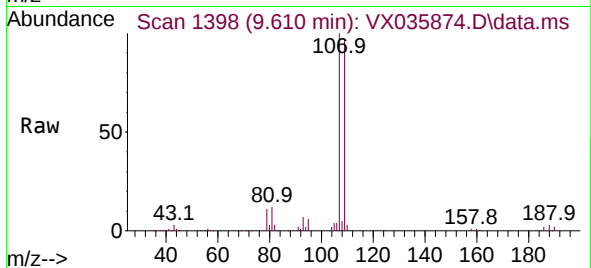
Tgt Ion:129 Resp: 104058
Ion Ratio Lower Upper
129 100
127 77.7 39.0 117.0





#61
1,2-Dibromoethane
Concen: 54.377 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

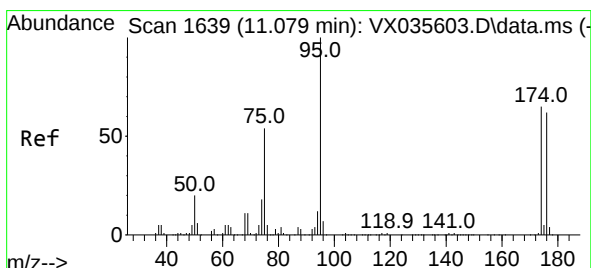
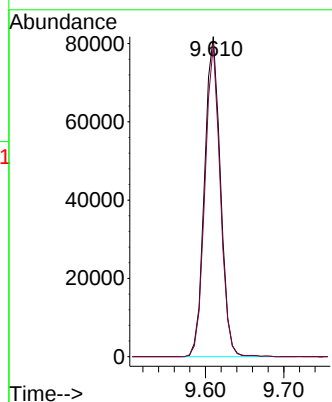
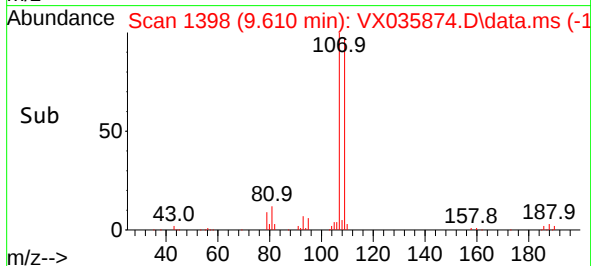
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



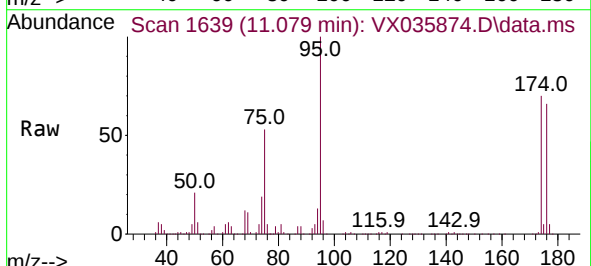
Tgt Ion:107 Resp: 115075
Ion Ratio Lower Upper
107 100
109 94.1 75.3 112.9

Manual Integrations
APPROVED

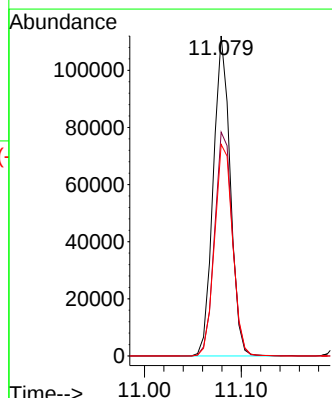
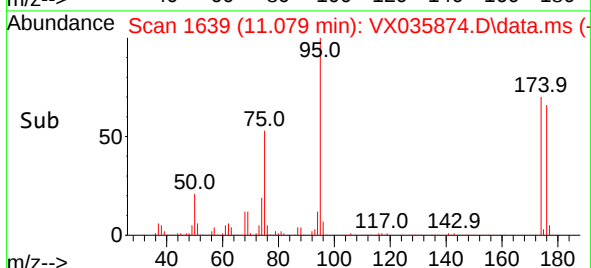
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

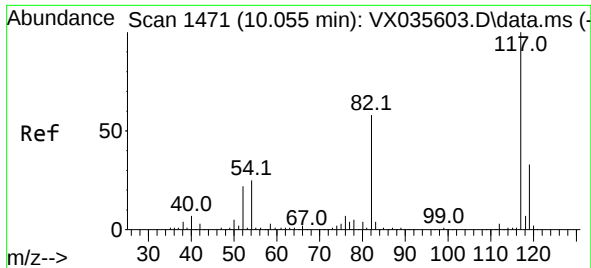


#62
4-Bromofluorobenzene
Concen: 50.054 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20



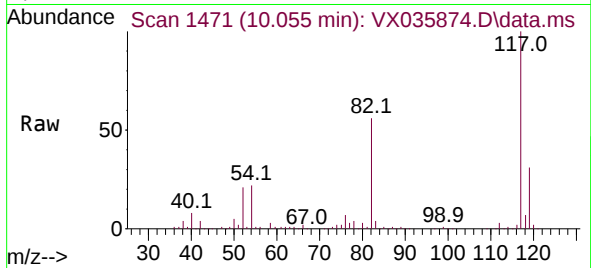
Tgt Ion: 95 Resp: 136597
Ion Ratio Lower Upper
95 100
174 73.0 0.0 147.4
176 70.2 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

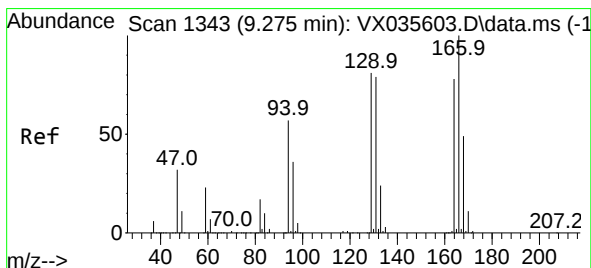
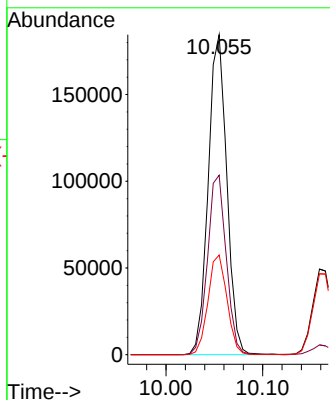
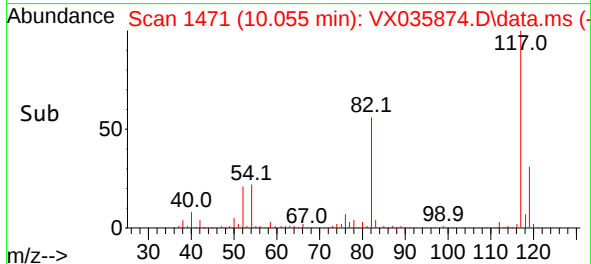
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 246249
Ion Ratio Lower Upper
117 100
82 56.1 45.0 67.4
119 31.1 26.0 39.0

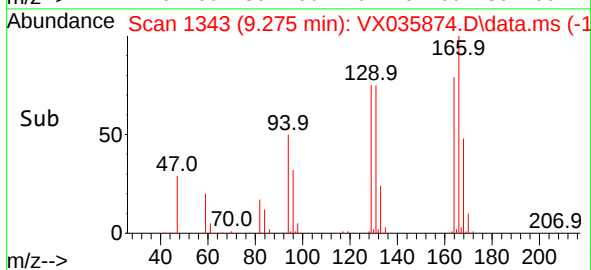
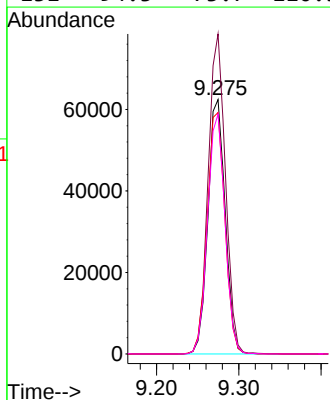
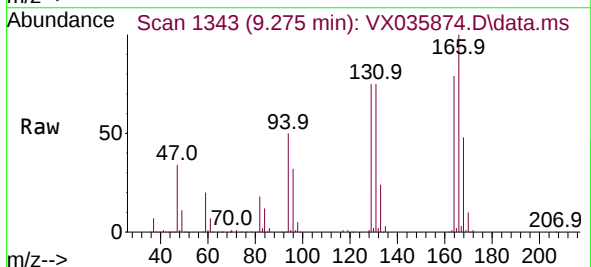
Manual Integrations
APPROVED

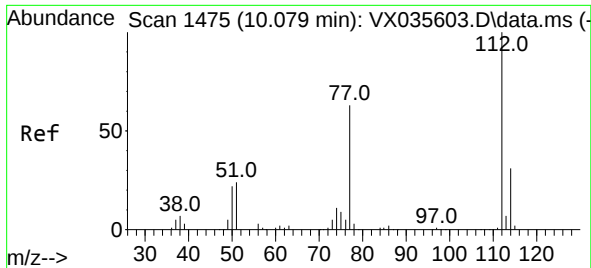
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#64
Tetrachloroethene
Concen: 54.883 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

Tgt Ion:164 Resp: 90987
Ion Ratio Lower Upper
164 100
166 125.8 102.7 154.1
129 94.9 75.6 113.4
131 94.3 73.7 110.5





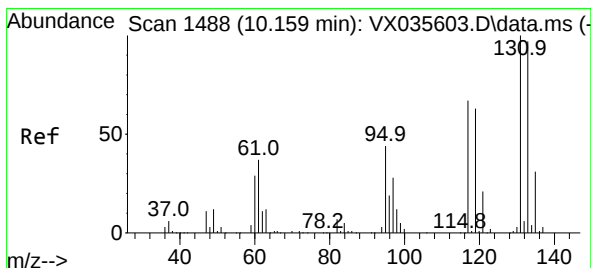
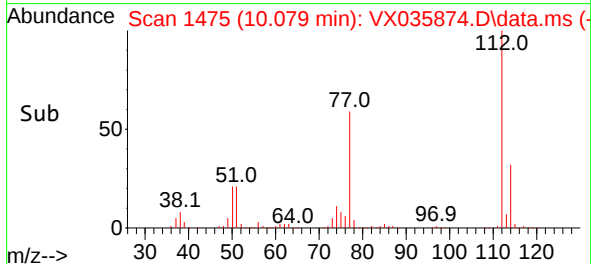
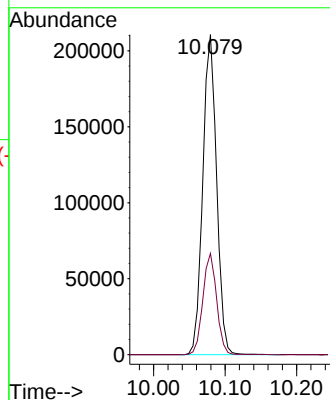
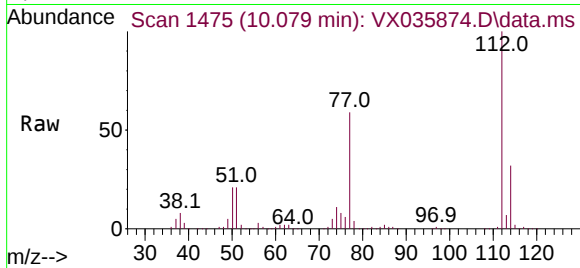
#65
Chlorobenzene
Concen: 52.591 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 282690
Ion Ratio Lower Upper
112 100
114 31.6 26.2 39.2

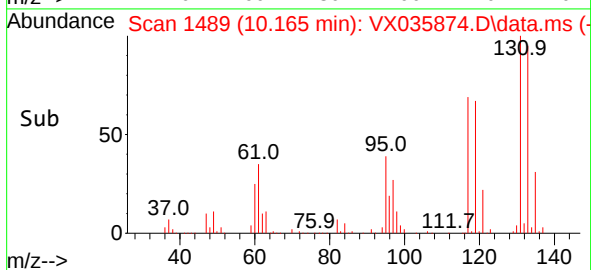
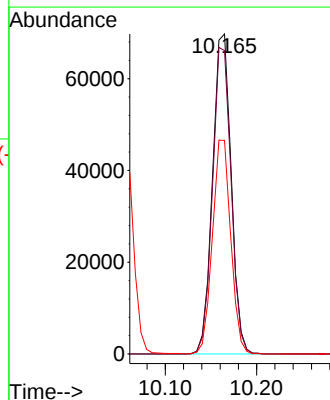
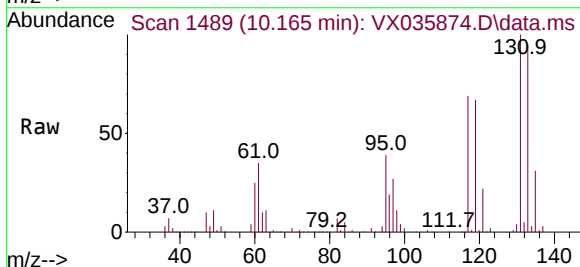
Manual Integrations
APPROVED

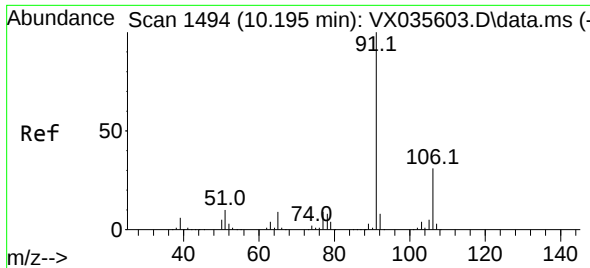
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 51.961 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

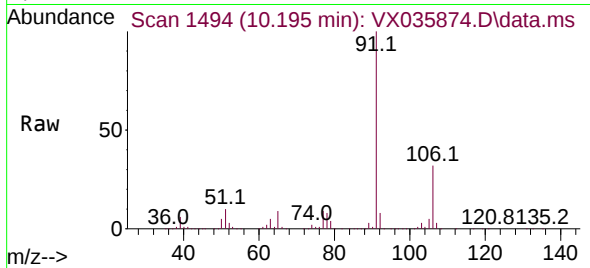
Tgt Ion:131 Resp: 98761
Ion Ratio Lower Upper
131 100
133 95.3 47.1 141.4
119 65.8 32.6 98.0





#67
Ethyl Benzene
Concen: 50.988 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

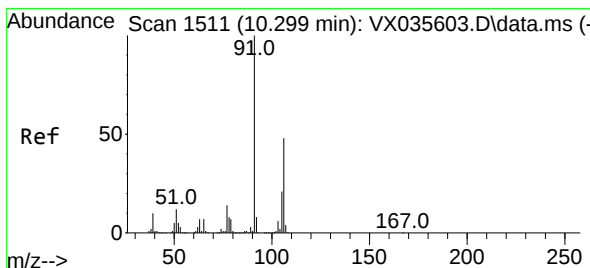
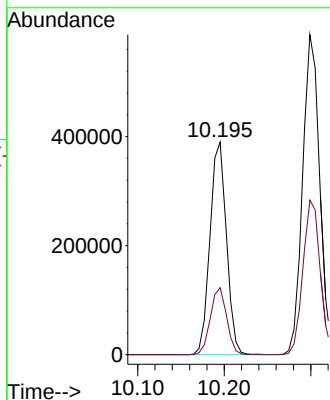
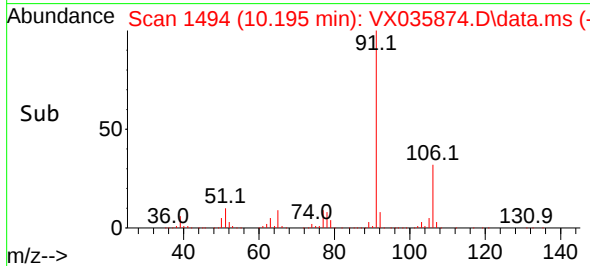
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



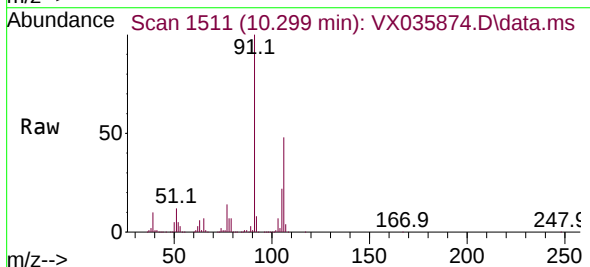
Tgt Ion: 91 Resp: 51546
Ion Ratio Lower Upper
91 100
106 31.6 25.6 38.4

Manual Integrations
APPROVED

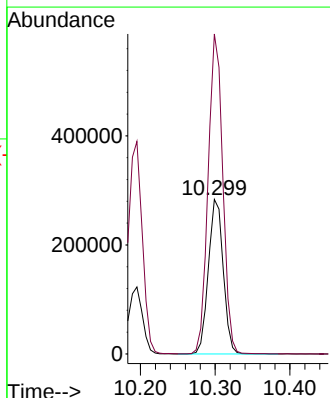
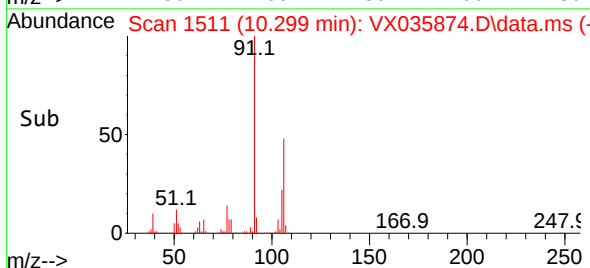
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

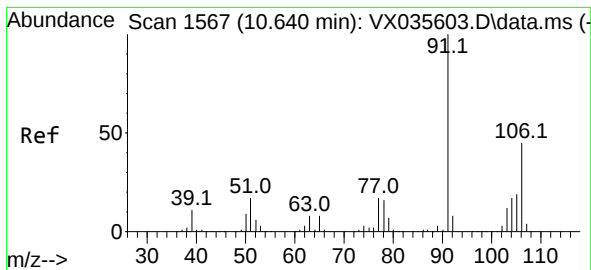


#68
m/p-Xylenes
Concen: 104.648 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20



Tgt Ion:106 Resp: 391056
Ion Ratio Lower Upper
106 100
91 204.9 164.0 246.0





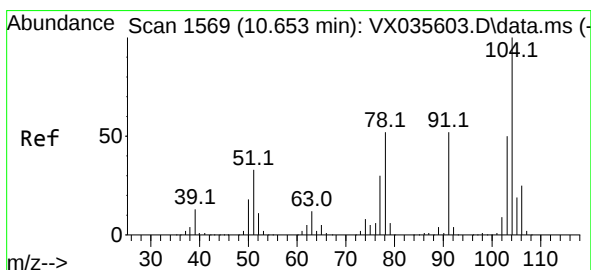
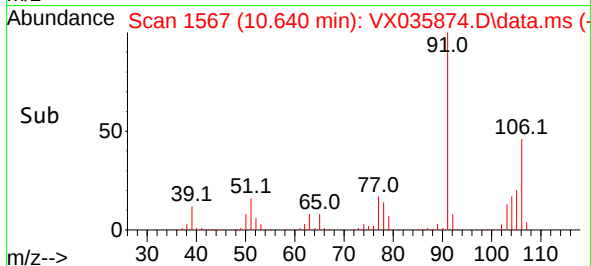
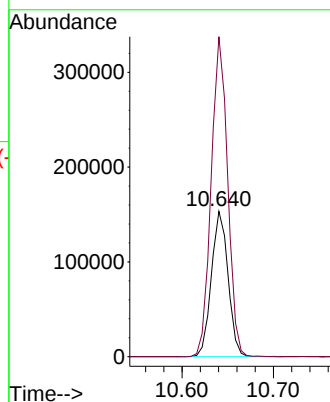
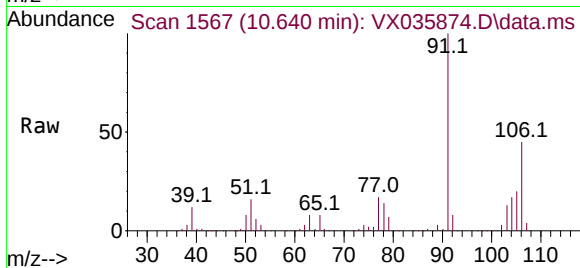
#69
o-Xylene
Concen: 52.219 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 19363
Ion Ratio Lower Upper
106 100
91 217.9 108.5 325.3

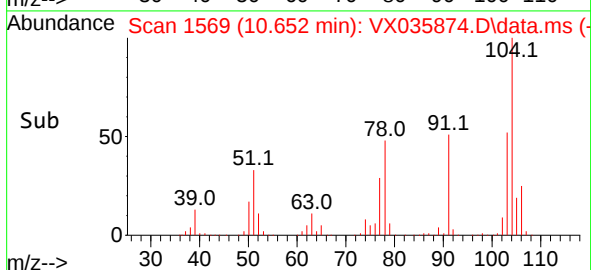
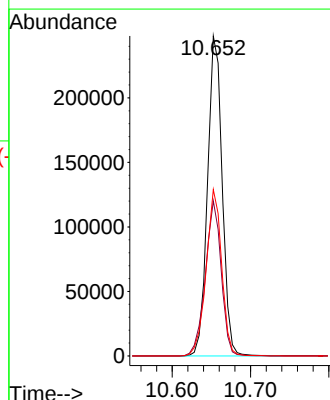
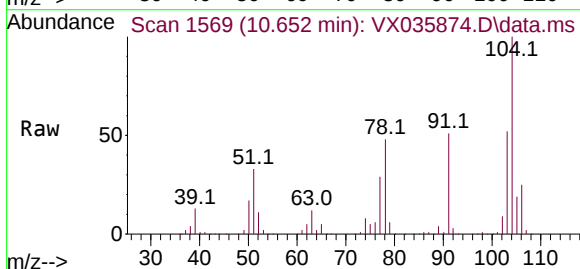
Manual Integrations
APPROVED

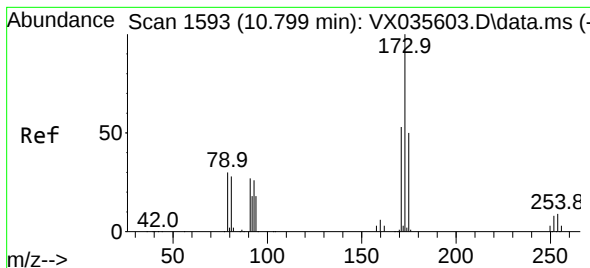
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#70
Styrene
Concen: 53.816 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.001 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

Tgt Ion:104 Resp: 321616
Ion Ratio Lower Upper
104 100
78 52.5 43.4 65.2
103 55.1 44.2 66.2





#71

Bromoform

Concen: 52.780 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX035874.D

Acq: 25 May 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

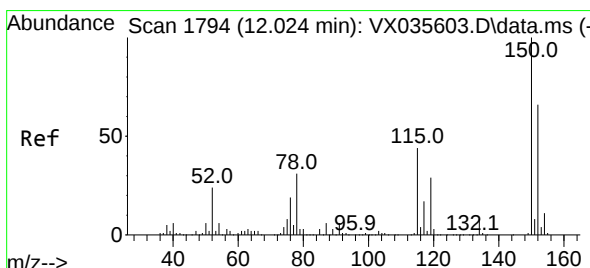
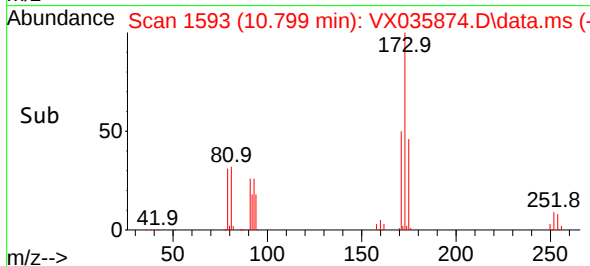
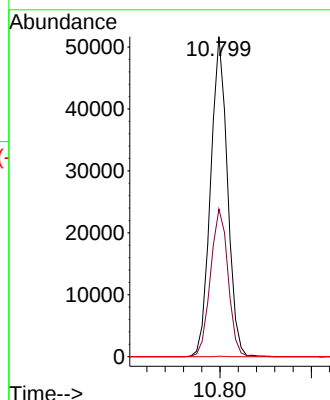
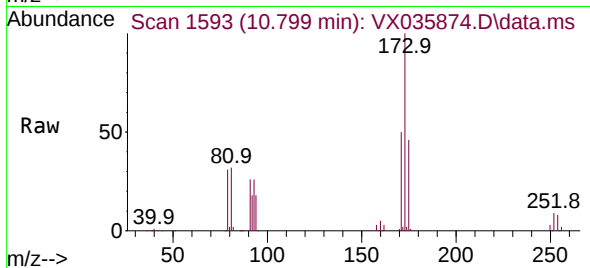
Tgt Ion:173	Resp: 6600
Ion Ratio	Lower Upper
173 100	
175 48.1	24.1 72.4
254 0.1	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

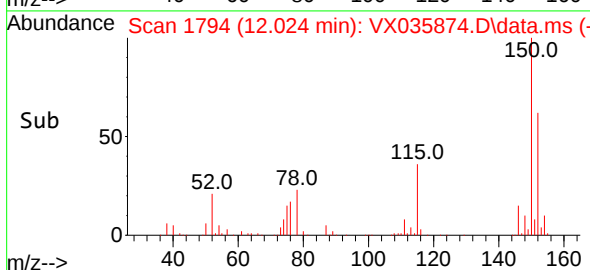
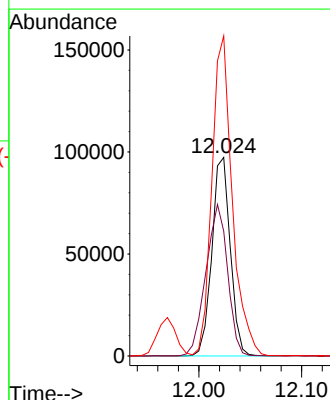
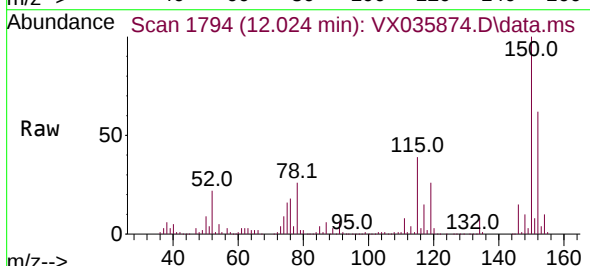
RT: 12.024 min Scan# 1794

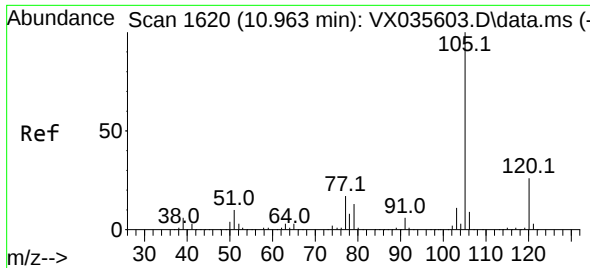
Delta R.T. 0.000 min

Lab File: VX035874.D

Acq: 25 May 2023 23:20

Tgt Ion:152	Resp: 120777
Ion Ratio	Lower Upper
152 100	
115 90.3	45.0 135.0
150 178.2	0.0 352.4





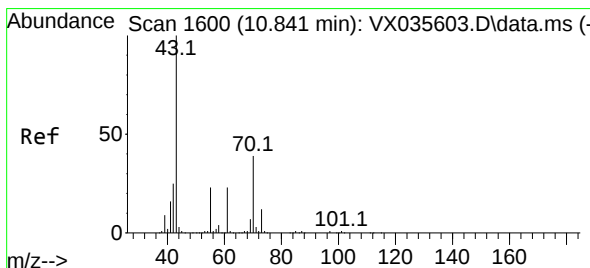
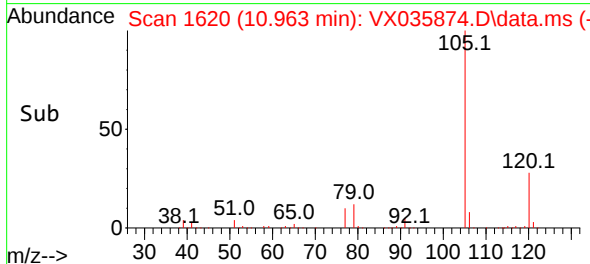
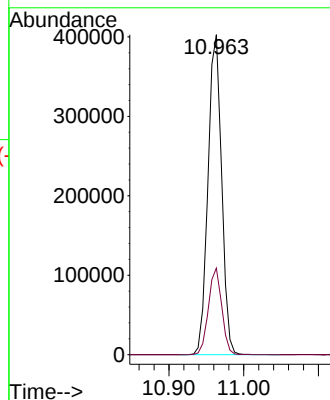
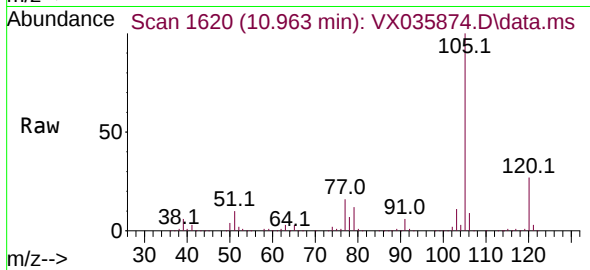
#73
Isopropylbenzene
Concen: 50.030 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 50917
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9

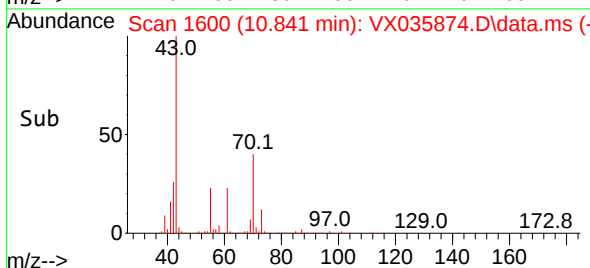
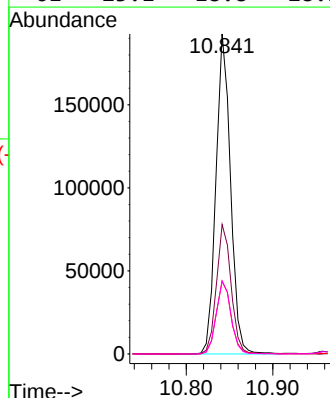
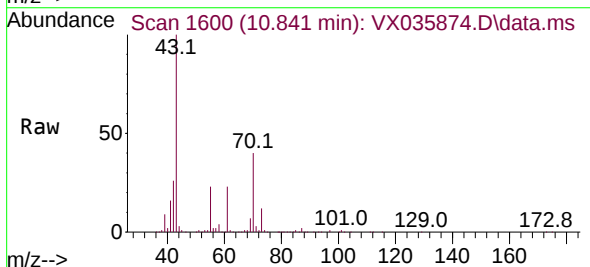
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#74
N-ethyl acetate
Concen: 47.463 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

Tgt Ion: 43 Resp: 225220
Ion Ratio Lower Upper
43 100
70 40.8 32.1 48.1
55 23.3 18.3 27.5
61 23.1 18.8 28.2





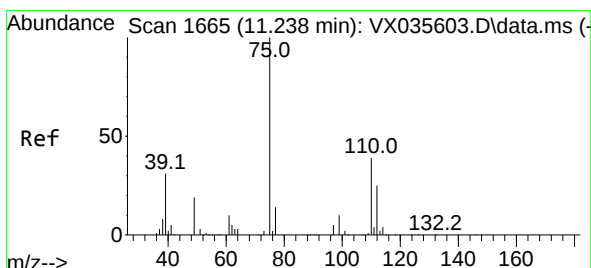
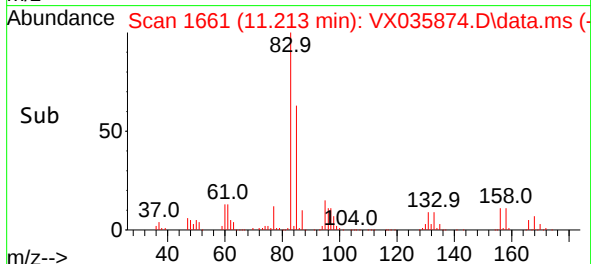
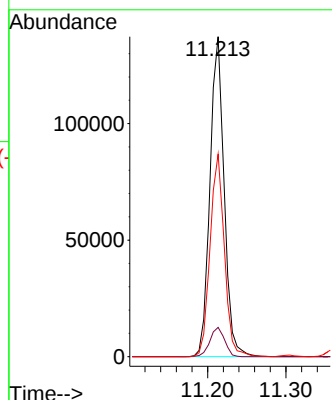
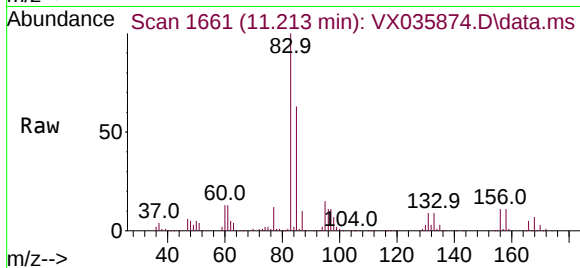
#75
1,1,2,2-Tetrachloroethane
Concen: 52.189 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 172298
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.3
85 63.7 32.0 96.0

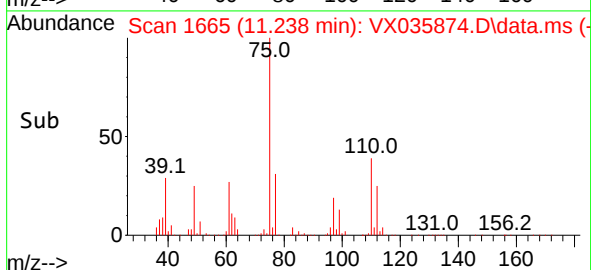
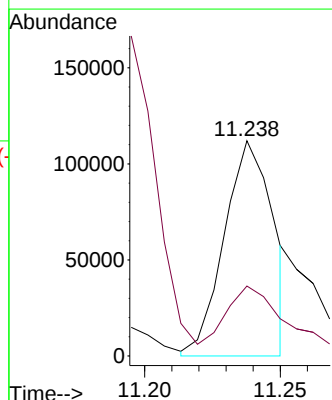
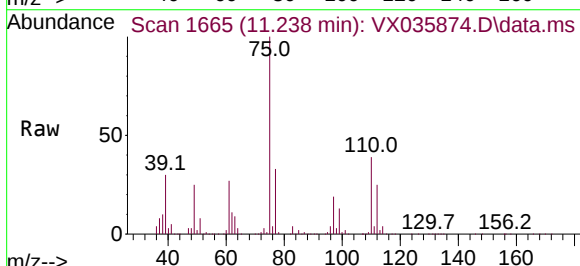
Manual Integrations
APPROVED

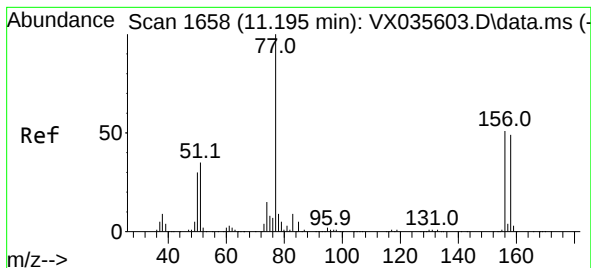
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#76
1,2,3-Trichloropropane
Concen: 47.788 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

Tgt Ion: 75 Resp: 141177
Ion Ratio Lower Upper
75 100
77 41.5 21.6 64.8





#77

Bromobenzene

Concen: 52.315 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035874.D

Acq: 25 May 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 120840

Ion Ratio Lower Upper

156 100

77 170.6 86.7 259.9

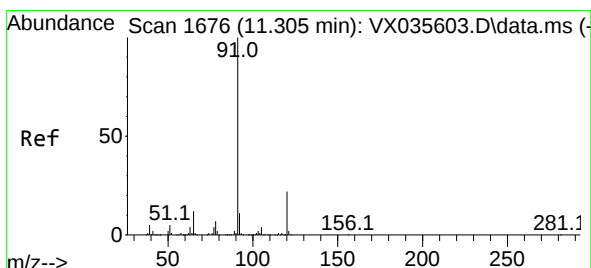
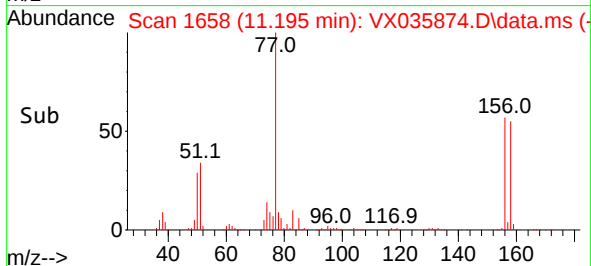
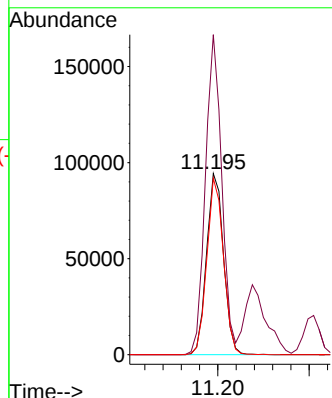
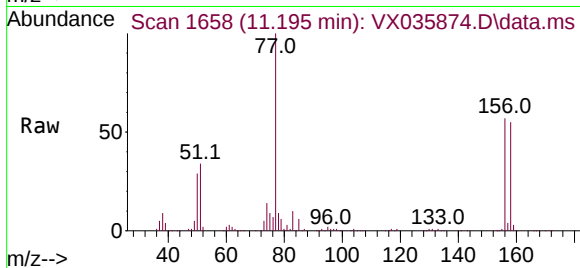
158 95.8 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#78

n-propylbenzene

Concen: 50.176 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX035874.D

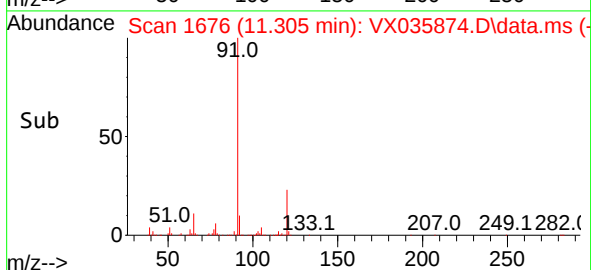
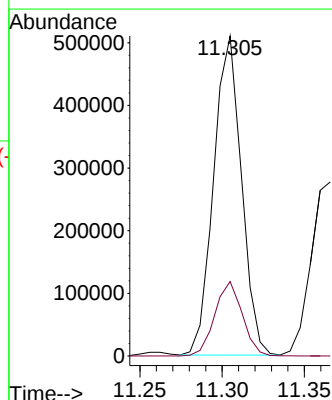
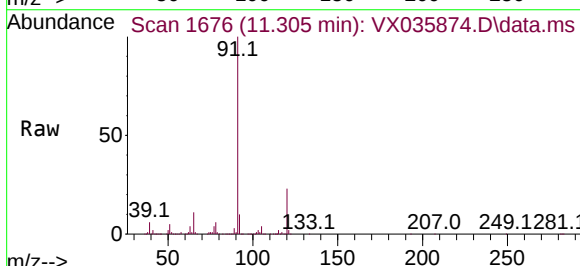
Acq: 25 May 2023 23:20

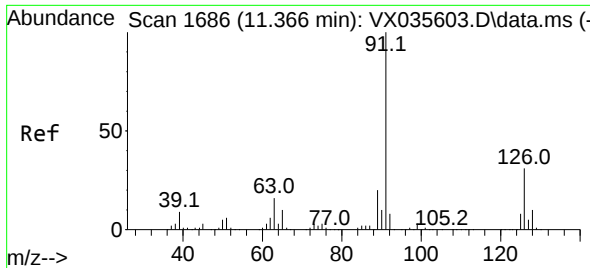
Tgt Ion: 91 Resp: 600284

Ion Ratio Lower Upper

91 100

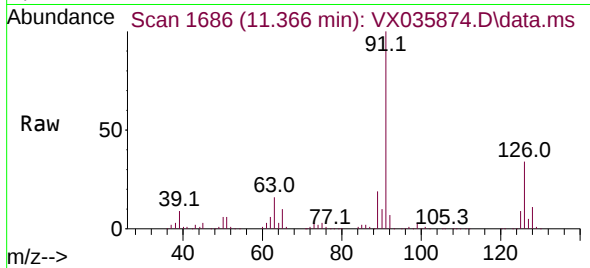
120 23.0 11.5 34.5





#79
2-Chlorotoluene
Concen: 47.518 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

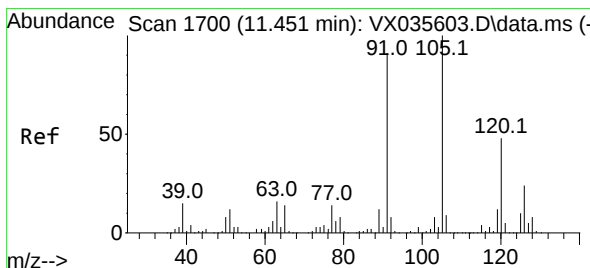
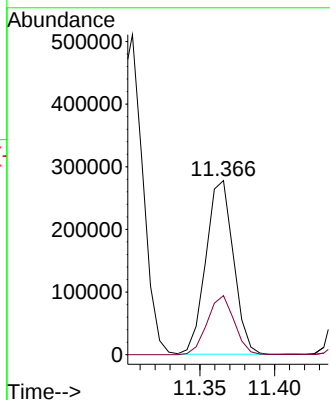
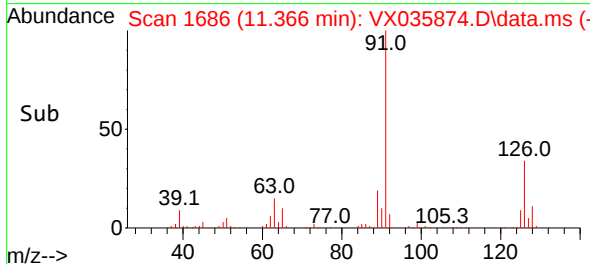
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



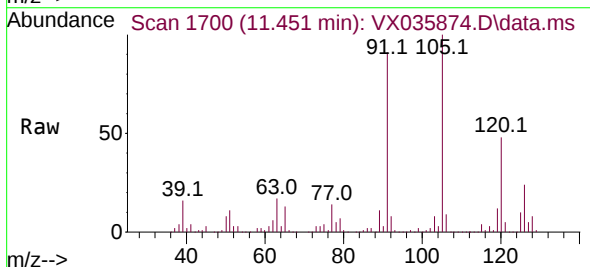
Tgt Ion: 91 Resp: 355920
Ion Ratio Lower Upper
91 100
126 33.2 16.3 48.9

Manual Integrations
APPROVED

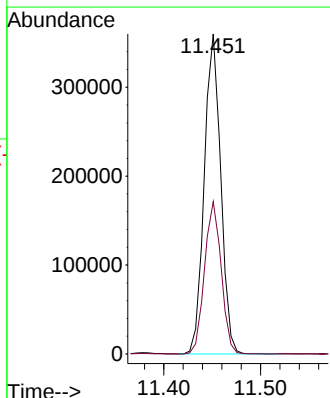
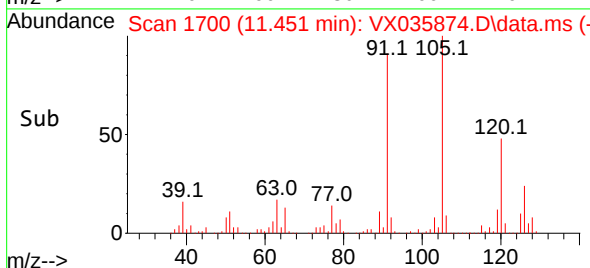
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

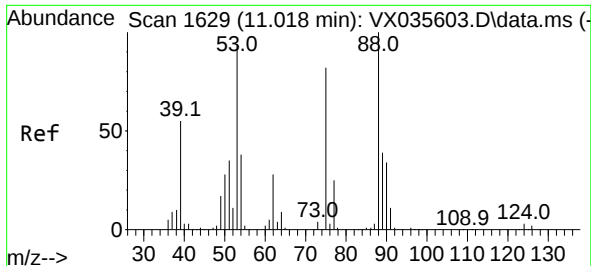


#80
1,3,5-Trimethylbenzene
Concen: 49.283 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20



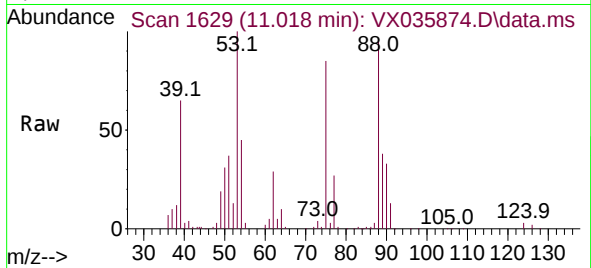
Tgt Ion:105 Resp: 426298
Ion Ratio Lower Upper
105 100
120 48.0 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 45.289 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

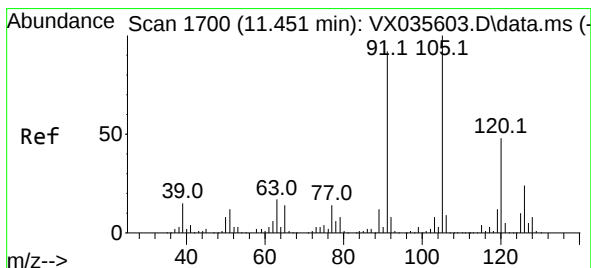
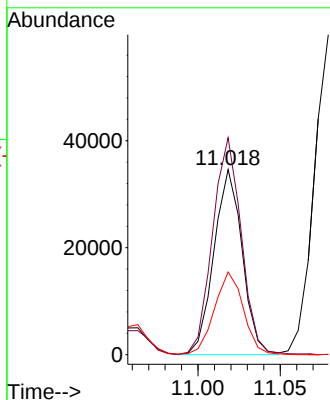
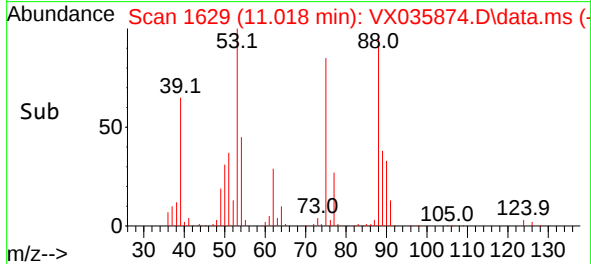
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



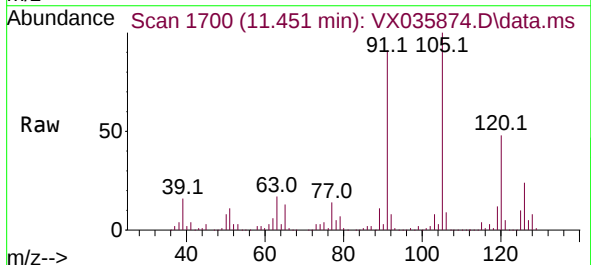
Tgt Ion: 75 Resp: 41514
Ion Ratio Lower Upper
75 100
53 118.9 82.6 124.0
89 45.7 36.9 55.3

Manual Integrations
APPROVED

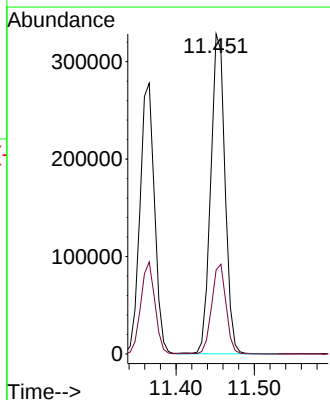
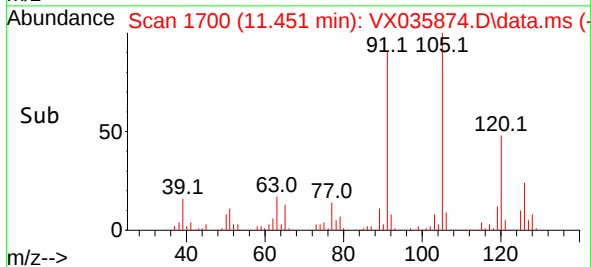
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

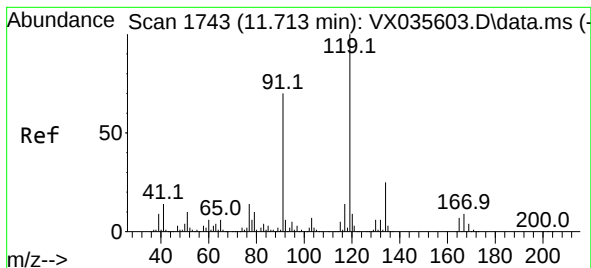


#82
4-Chlorotoluene
Concen: 48.131 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20



Tgt Ion: 91 Resp: 415183
Ion Ratio Lower Upper
91 100
126 28.2 14.2 42.6





#83

tert-Butylbenzene

Concen: 49.631 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035874.D

Acq: 25 May 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 41730

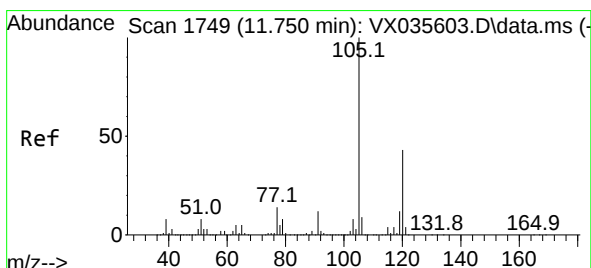
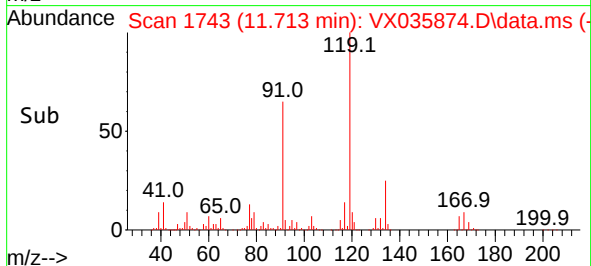
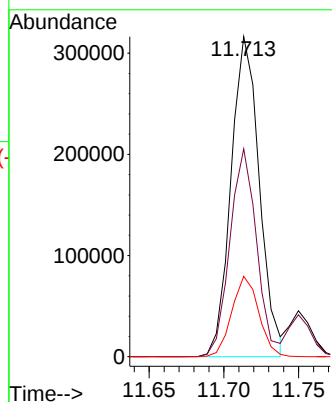
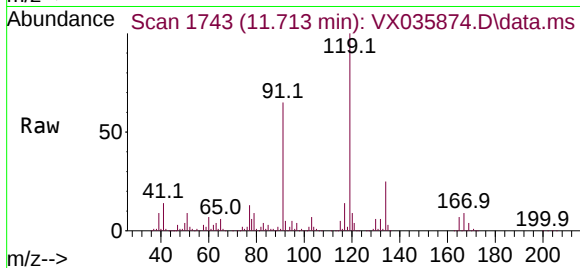
Ion	Ratio	Lower	Upper
119	100		
91	61.6	30.6	92.0
134	23.9	11.8	35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#84

1,2,4-Trimethylbenzene

Concen: 49.897 ug/l

RT: 11.750 min Scan# 1749

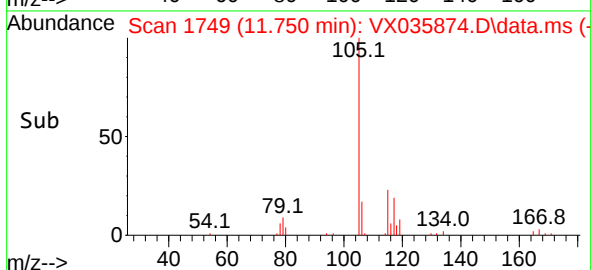
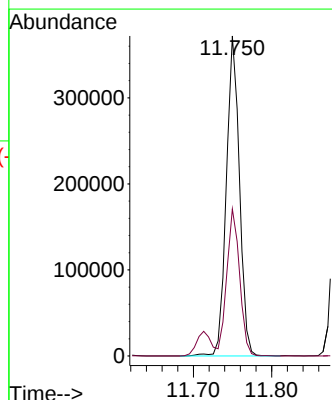
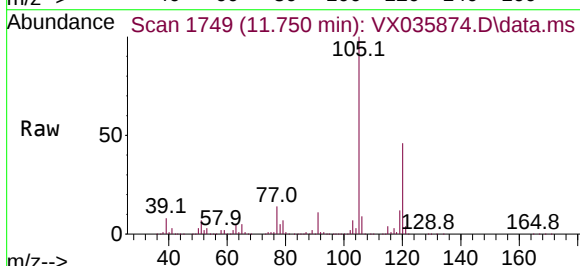
Delta R.T. -0.000 min

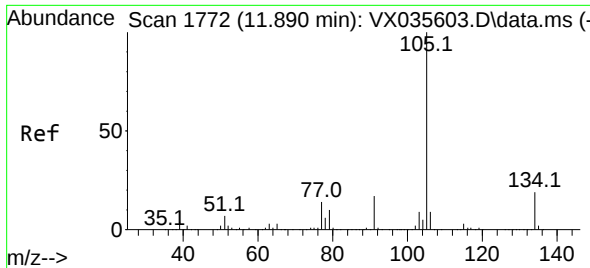
Lab File: VX035874.D

Acq: 25 May 2023 23:20

Tgt Ion:105 Resp: 433375

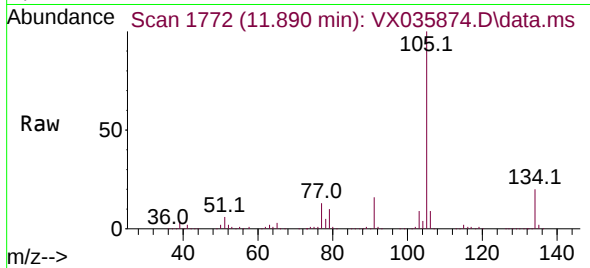
Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.4	67.0





#85
 sec-Butylbenzene
 Concen: 50.719 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035874.D
 Acq: 25 May 2023 23:20

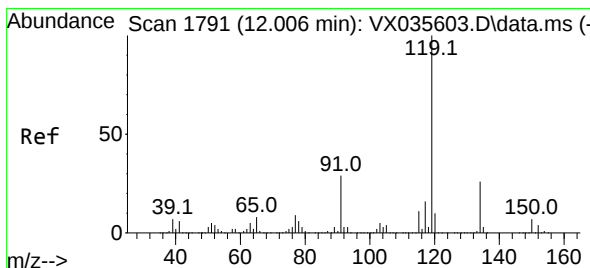
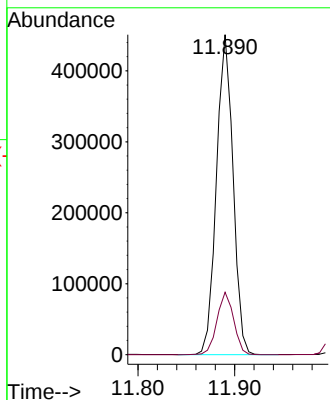
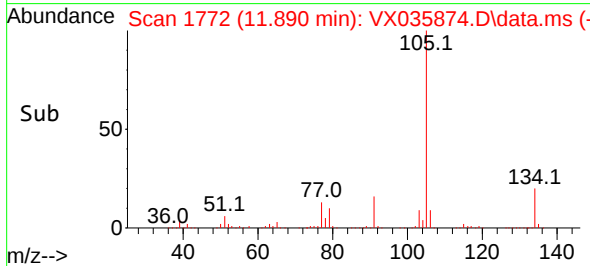
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



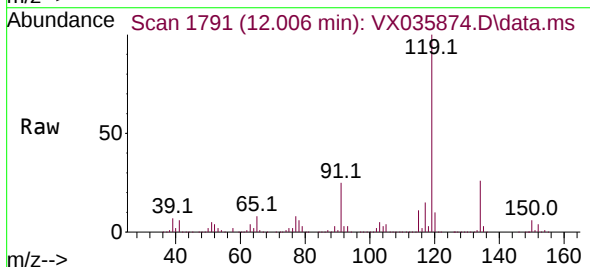
Tgt Ion:105 Resp: 535439
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.2 30.4

Manual Integrations
 APPROVED

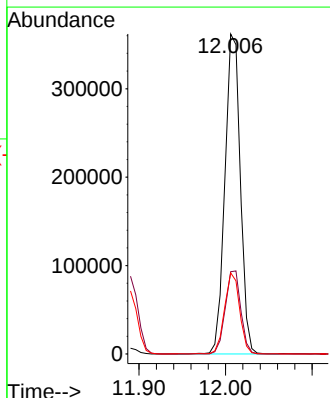
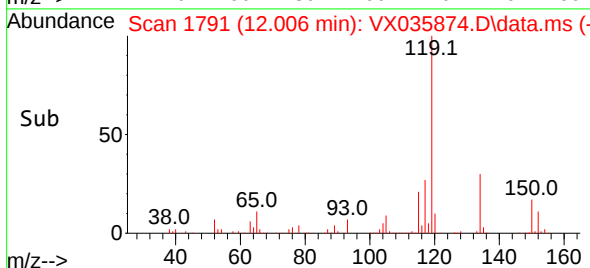
Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

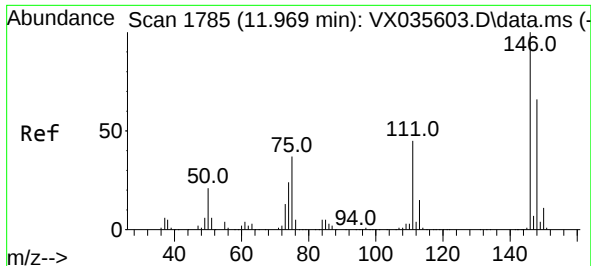


#86
 p-Isopropyltoluene
 Concen: 51.591 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX035874.D
 Acq: 25 May 2023 23:20



Tgt Ion:119 Resp: 447765
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.5
 91 24.7 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 52.201 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035874.D

Acq: 25 May 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 229068

Ion Ratio Lower Upper

146 100

111 42.7 20.9 62.8

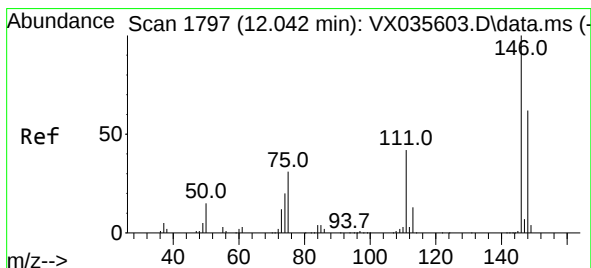
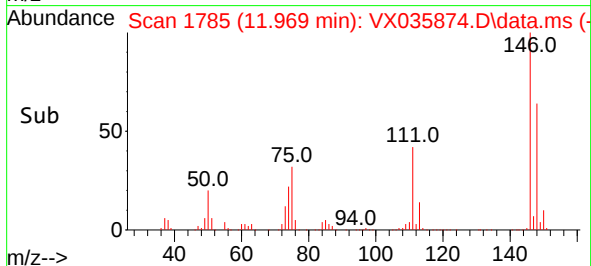
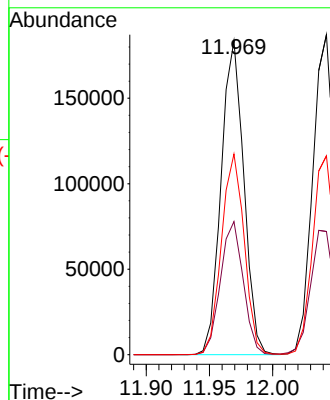
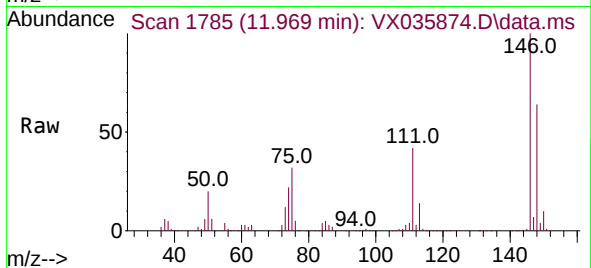
148 64.1 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#88

1,4-Dichlorobenzene

Concen: 52.425 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX035874.D

Acq: 25 May 2023 23:20

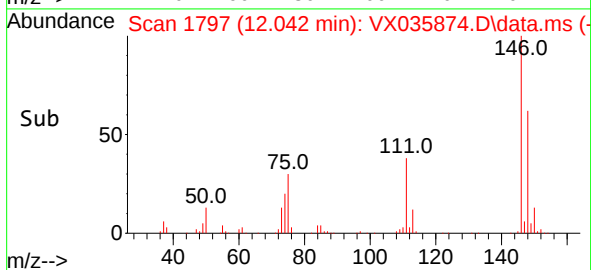
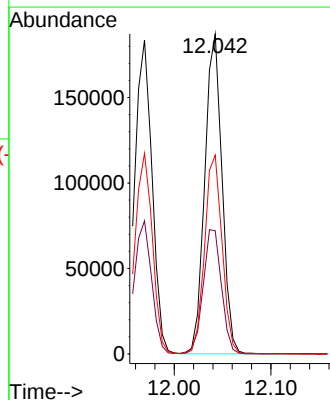
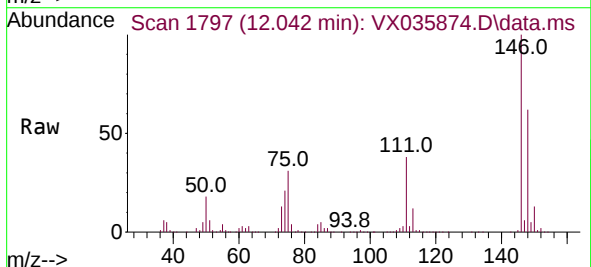
Tgt Ion:146 Resp: 232304

Ion Ratio Lower Upper

146 100

111 41.4 20.6 61.9

148 63.1 31.8 95.4





#89

n-Butylbenzene

Concen: 49.864 ug/l

RT: 12.329 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035874.D

Acq: 25 May 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 39368

Ion Ratio Lower Upper

91 100

92 53.2 27.7 83.0

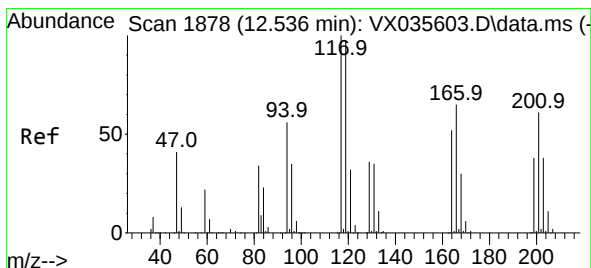
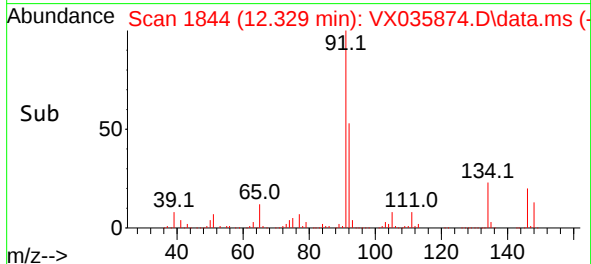
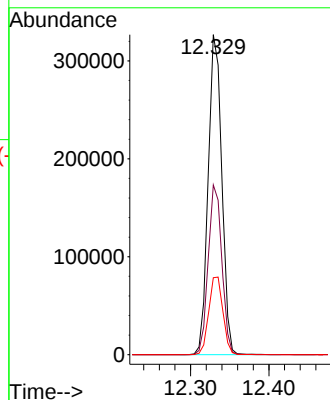
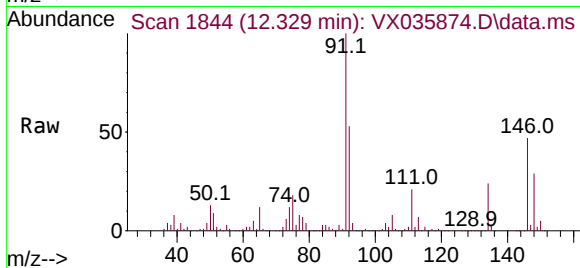
134 25.2 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#90

Hexachloroethane

Concen: 51.365 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035874.D

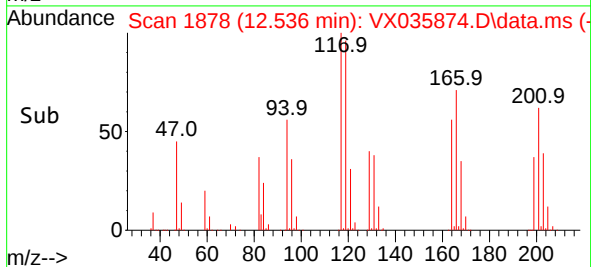
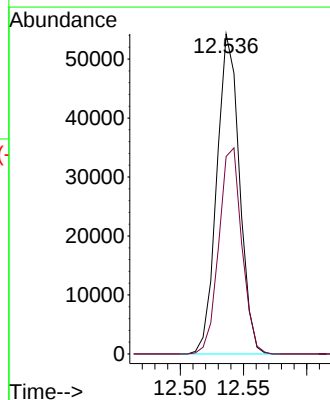
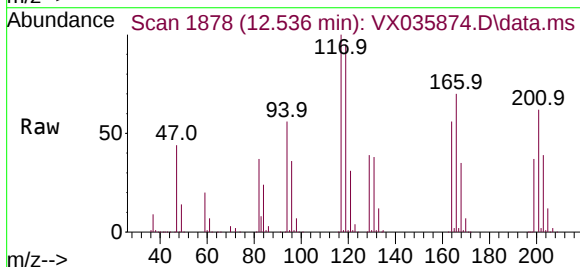
Acq: 25 May 2023 23:20

Tgt Ion:117 Resp: 67569

Ion Ratio Lower Upper

117 100

201 65.3 34.4 103.1





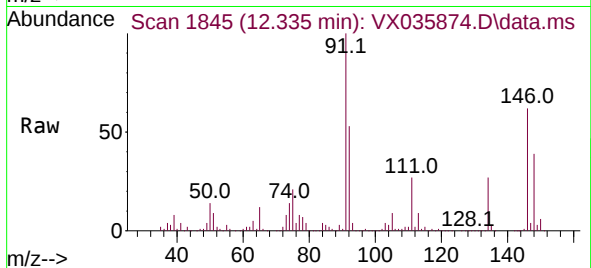
#91
1,2-Dichlorobenzene
Concen: 52.299 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



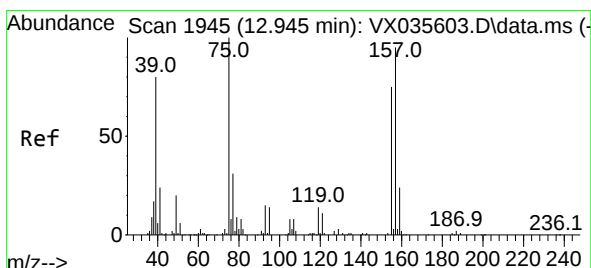
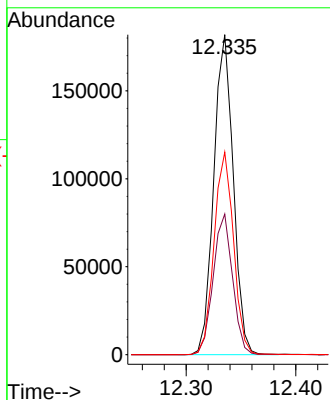
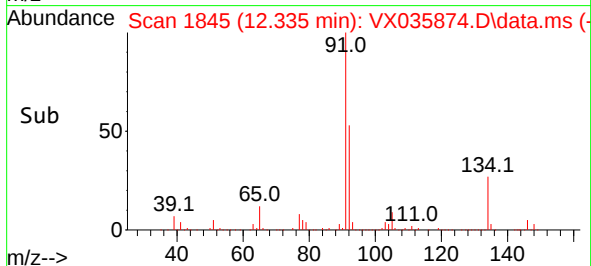
Tgt Ion:146 Resp: 224738
Ion Ratio Lower Upper
146 100
111 43.9 22.0 66.0
148 63.6 32.0 96.0

Manual Integrations

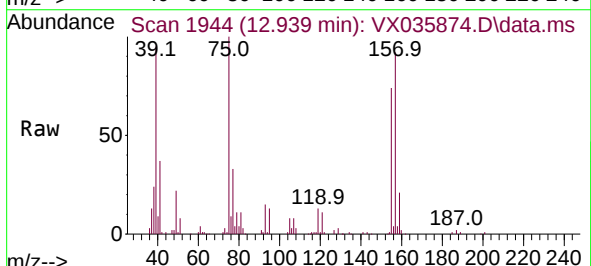
APPROVED

Reviewed By :John Carlone 05/26/2023

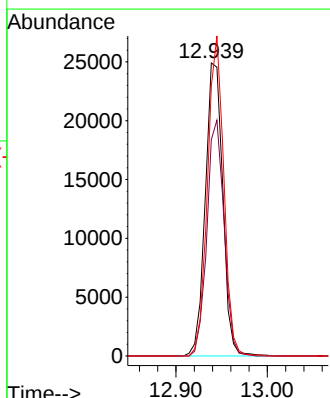
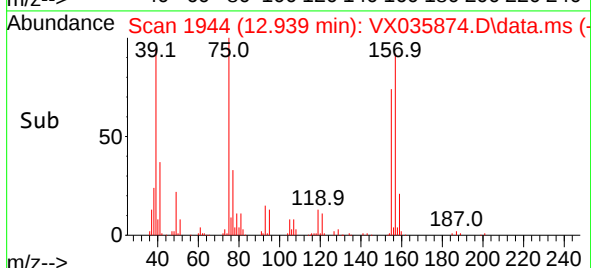
Supervised By :Mahesh Dadoda 05/26/2023

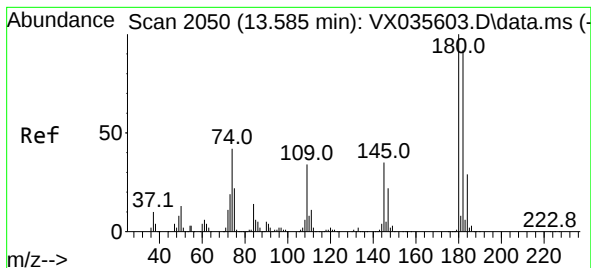


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.912 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20



Tgt Ion: 75 Resp: 33018
Ion Ratio Lower Upper
75 100
155 78.5 38.4 115.1
157 101.5 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 52.266 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX035874.D

Acq: 25 May 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

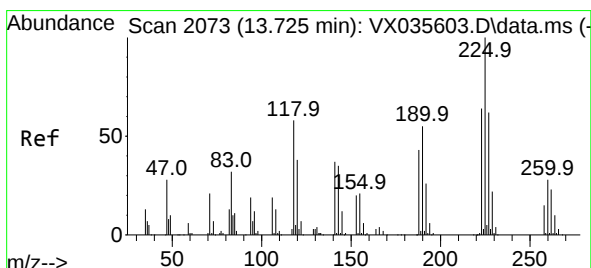
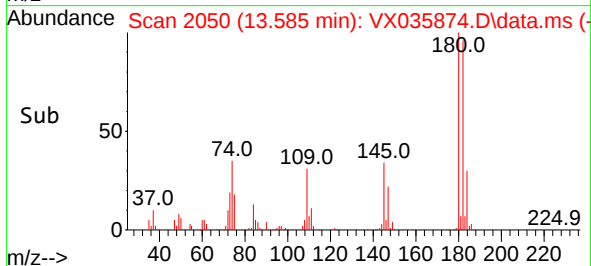
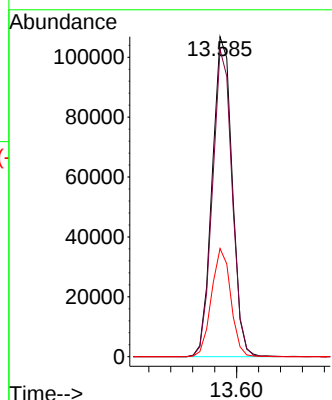
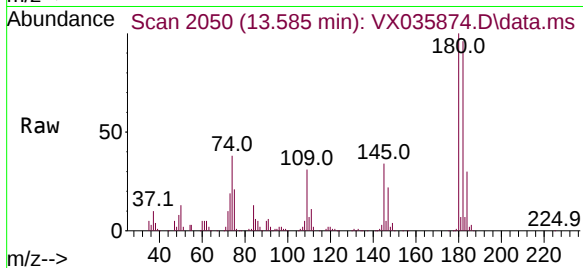
Tgt Ion:180	Resp: 13523
Ion Ratio	Lower Upper
180 100	
182 94.2	47.0 141.0
145 32.6	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#94

Hexachlorobutadiene

Concen: 50.757 ug/l

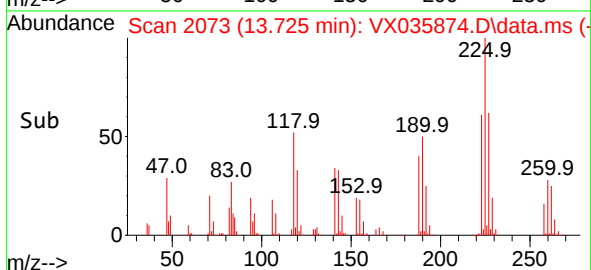
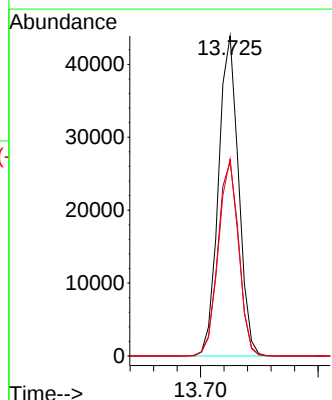
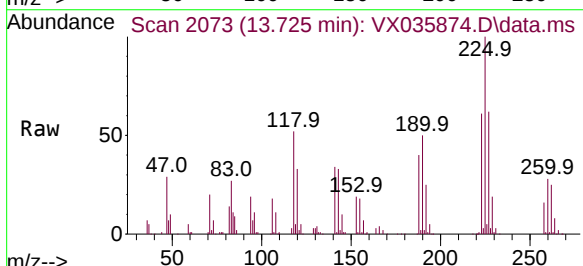
RT: 13.725 min Scan# 2073

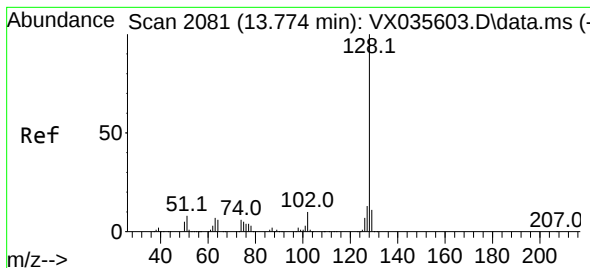
Delta R.T. 0.000 min

Lab File: VX035874.D

Acq: 25 May 2023 23:20

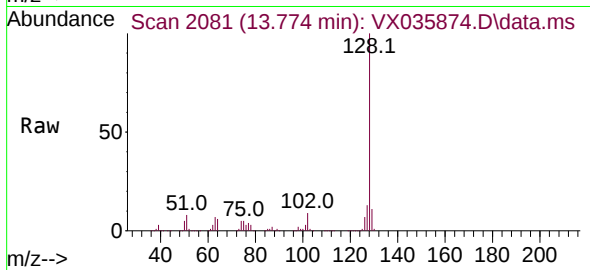
Tgt Ion:225	Resp: 52127
Ion Ratio	Lower Upper
225 100	
223 62.8	32.1 96.5
227 61.8	31.8 95.4





#95
Naphthalene
Concen: 52.391 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

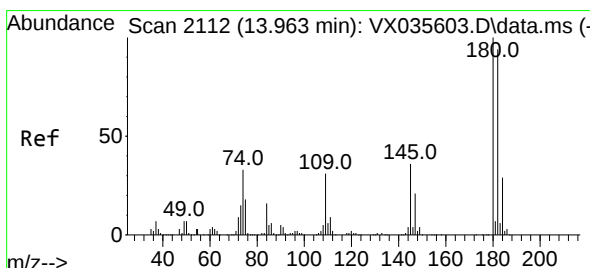
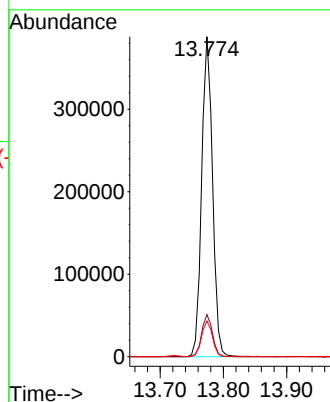
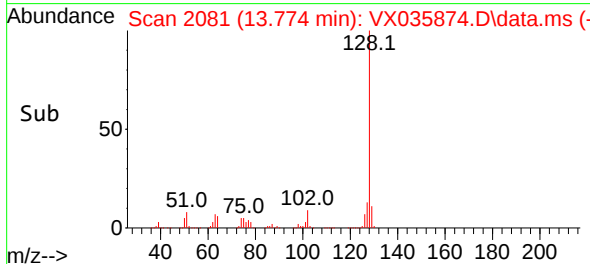
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 464220
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.2 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#96
1,2,3-Trichlorobenzene
Concen: 51.628 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035874.D
Acq: 25 May 2023 23:20

Tgt Ion:180 Resp: 131377
Ion Ratio Lower Upper
180 100
182 93.8 48.0 144.2
145 35.4 17.7 53.1

