

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032023\
 Data File : VX034641.D
 Acq On : 20 Mar 2023 20:27
 Operator : JC/MD
 Sample : 02002-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 031023-3

Quant Time: Mar 21 01:48:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/21/2023
 Supervised By : Mahesh Dadoda 03/21/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	499235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	863934	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	778518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	369967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	428704	59.027	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 118.060%#			
35) Dibromofluoromethane	5.385	113	303477	53.203	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.400%			
50) Toluene-d8	8.647	98	1086071	51.004	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.000%			
62) 4-Bromofluorobenzene	11.079	95	438457	50.977	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	50293	10.806	ug/l	99
3) Chloromethane	1.307	50	73809	9.403	ug/l	98
4) Vinyl Chloride	1.374	62	69667	10.993	ug/l	98
5) Bromomethane	1.599	94	42570	13.314	ug/l	94
6) Chloroethane	1.685	64	43877	12.025	ug/l	100
7) Trichlorofluoromethane	1.886	101	102069	10.719	ug/l	98
8) Diethyl Ether	2.130	74	39022	11.226	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	57514	10.364	ug/l	98
10) Methyl Iodide	2.453	142	79578	10.922	ug/l	93
11) Tert butyl alcohol	2.953	59	75718	50.064	ug/l	99
12) 1,1-Dichloroethene	2.319	96	55878	10.224	ug/l	90
13) Acrolein	2.233	56	63039	52.687	ug/l	100
14) Allyl chloride	2.666	41	108184	9.764	ug/l	93
15) Acrylonitrile	3.062	53	168395	51.542	ug/l	98
16) Acetone	2.373	43	164691	48.139	ug/l	94
17) Carbon Disulfide	2.508	76	133976	8.711	ug/l	98
18) Methyl Acetate	2.703	43	127696	11.423	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	219195	11.202	ug/l	97
20) Methylene Chloride	2.788	84	67392	10.150	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	61192	10.543	ug/l	95
22) Diisopropyl ether	3.757	45	227033	10.747	ug/l	96
23) Vinyl Acetate	3.721	43	838126	52.129	ug/l	97
24) 1,1-Dichloroethane	3.611	63	120412	10.603	ug/l	99
25) 2-Butanone	4.556	43	247149	50.488	ug/l	98
26) 2,2-Dichloropropane	4.471	77	94644	9.588	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	72880	10.431	ug/l	96
28) Bromochloromethane	4.897	49	75652	14.328	ug/l	99
29) Tetrahydrofuran	5.001	42	156871	51.933	ug/l	99
30) Chloroform	5.092	83	125662	11.289	ug/l	99
31) Cyclohexane	5.470	56	103301	10.142	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	107736	10.933	ug/l	98
36) 1,1-Dichloropropene	5.696	75	87853	10.028	ug/l	99
37) Ethyl Acetate	4.714	43	97503	10.187	ug/l	100
38) Carbon Tetrachloride	5.678	117	89955	10.321	ug/l	97
39) Methylcyclohexane	7.379	83	96017	9.158	ug/l	95
40) Benzene	6.037	78	262614	10.247	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	53376	10.176	ug/l	96
42) 1,2-Dichloroethane	6.092	62	113729	12.074	ug/l	96
43) Isopropyl Acetate	6.342	43	166079	10.243	ug/l	99
44) Trichloroethene	7.129	130	66152	9.934	ug/l	98
45) 1,2-Dichloropropane	7.427	63	68248	10.198	ug/l	98
46) Dibromomethane	7.580	93	49019	10.774	ug/l	97
47) Bromodichloromethane	7.824	83	93368	10.604	ug/l	98
48) Methyl methacrylate	7.690	41	82328	10.557	ug/l	96
49) 1,4-Dioxane	7.659	88	35501	216.743	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	494542	52.577	ug/l	99
52) Toluene	8.720	92	164397	10.361	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	93736	9.449	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	105835	9.861	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	66550	10.568	ug/l	98
56) Ethyl methacrylate	9.116	69	107531	10.400	ug/l	96
57) 1,3-Dichloropropane	9.311	76	117969	10.540	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	237618	44.594	ug/l	100
59) 2-Hexanone	9.427	43	376062	51.720	ug/l	98
60) Dibromochloromethane	9.518	129	64198	9.720	ug/l	99
61) 1,2-Dibromoethane	9.610	107	70211	10.332	ug/l	99
64) Tetrachloroethene	9.275	164	52443	10.028	ug/l	97
65) Chlorobenzene	10.079	112	172712	10.111	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	62077	9.978	ug/l	99
67) Ethyl Benzene	10.195	91	319027	10.433	ug/l	98
68) m/p-Xylenes	10.299	106	238185	20.276	ug/l	96
69) o-Xylene	10.640	106	118870	10.084	ug/l	95
70) Styrene	10.659	104	194684	10.236	ug/l	98
71) Bromoform	10.799	173	41660	8.699	ug/l #	99
73) Isopropylbenzene	10.963	105	308823	10.800	ug/l	98
74) N-amyl acetate	10.841	43	148217	10.822	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	103266	10.823	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	95894m	11.288	ug/l	
77) Bromobenzene	11.195	156	74210	10.817	ug/l	98
78) n-propylbenzene	11.305	91	355727	10.772	ug/l	98
79) 2-Chlorotoluene	11.366	91	226457	11.104	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	263099	10.970	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	24991	7.959	ug/l #	84
82) 4-Chlorotoluene	11.451	91	259313	11.038	ug/l	98
83) tert-Butylbenzene	11.713	119	250747	10.369	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	268669	10.961	ug/l	98
85) sec-Butylbenzene	11.890	105	298585	10.100	ug/l	100
86) p-Isopropyltoluene	12.012	119	251899	10.138	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	136747	10.173	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	137670	10.129	ug/l	97
89) n-Butylbenzene	12.329	91	216901	9.820	ug/l	99
90) Hexachloroethane	12.536	117	40032	8.707	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	140120	10.787	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22029	10.162	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	77009	9.480	ug/l	98
94) Hexachlorobutadiene	13.725	225	30132	9.207	ug/l	99
95) Naphthalene	13.774	128	290471	10.663	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	78456	9.880	ug/l	100

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031023-3

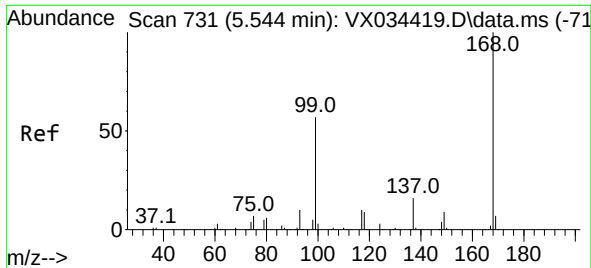
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 03/21/2023

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Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

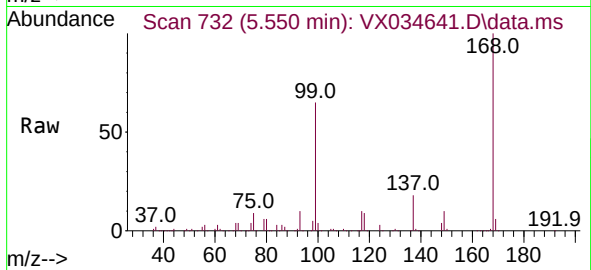
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034641.D
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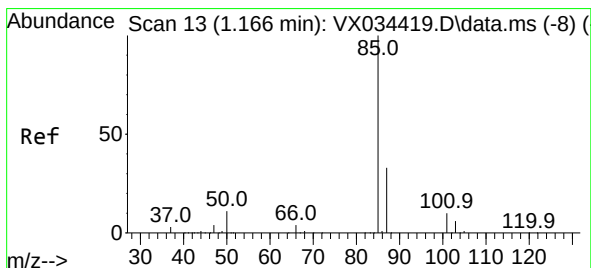
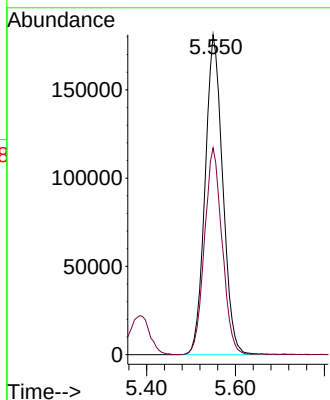
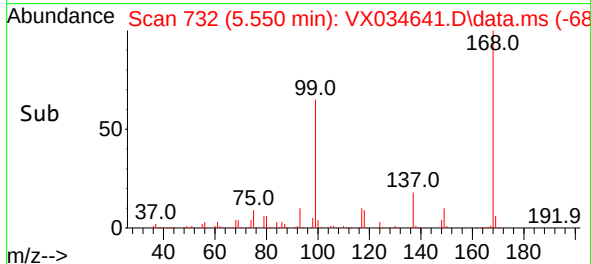
Instrument :
MSVOA_X
ClientSampleId :
031023-3



Tgt Ion:168 Resp: 499235
Ion Ratio Lower Upper
168 100
99 64.6 45.7 68.5

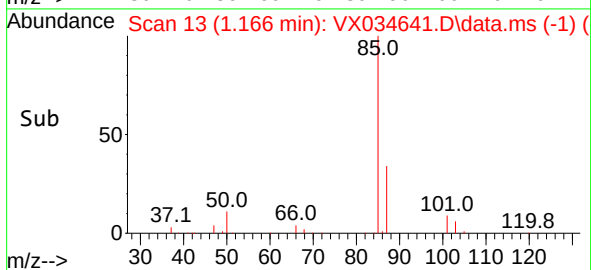
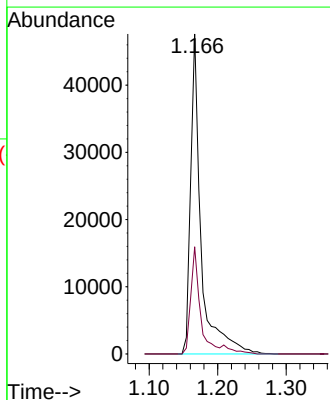
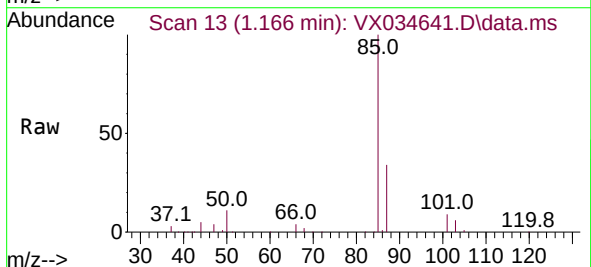
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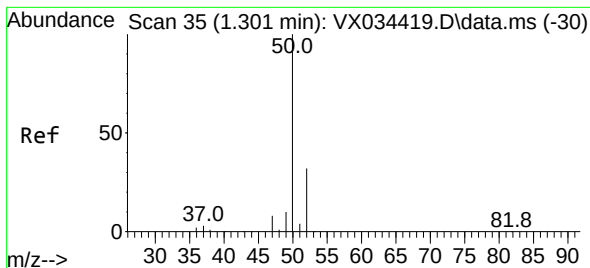
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#2
Dichlorodifluoromethane
Concen: 10.806 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

Tgt Ion: 85 Resp: 50293
Ion Ratio Lower Upper
85 100
87 33.5 16.4 49.1





#3

Chloromethane

Concen: 9.403 ug/l

RT: 1.307 min Scan# 30

Delta R.T. 0.006 min

Lab File: VX034641.D

Acq: 20 Mar 2023 20:27

Instrument :

MSVOA_X

ClientSampleId :

031023-3

Tgt Ion: 50 Resp: 73809

Ion Ratio Lower Upper

50 100

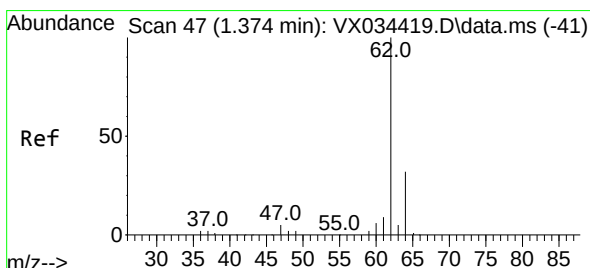
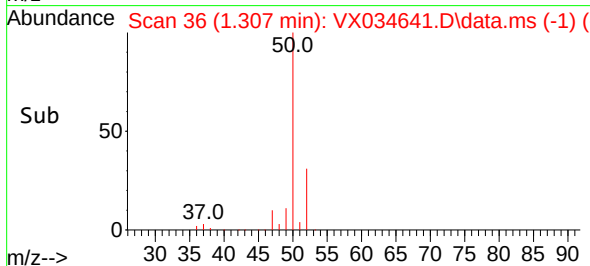
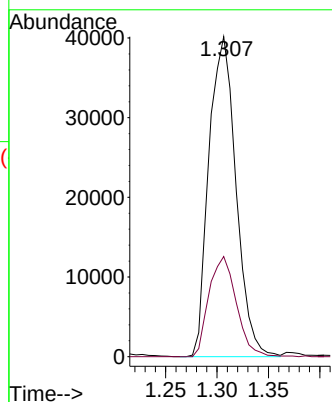
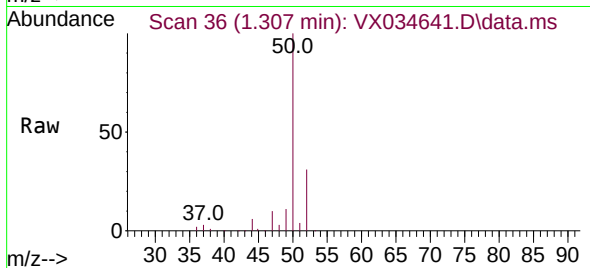
52 31.3 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#4

Vinyl Chloride

Concen: 10.993 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX034641.D

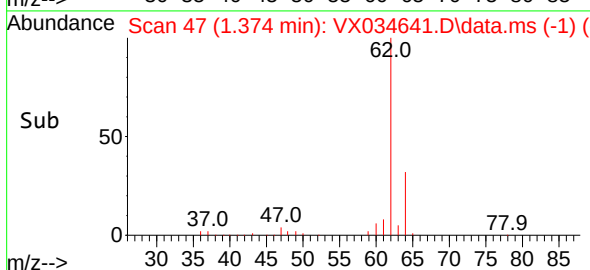
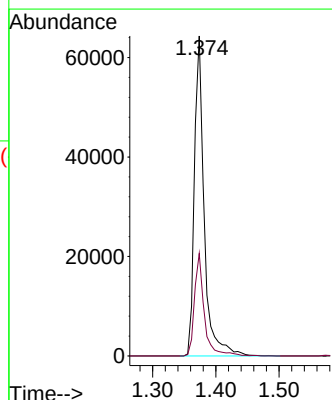
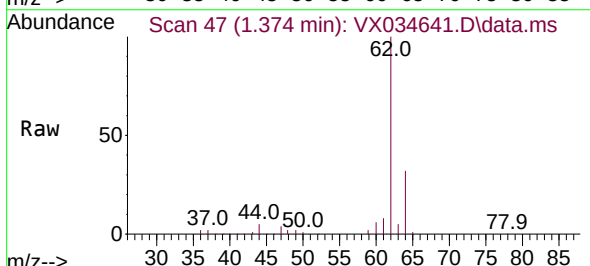
Acq: 20 Mar 2023 20:27

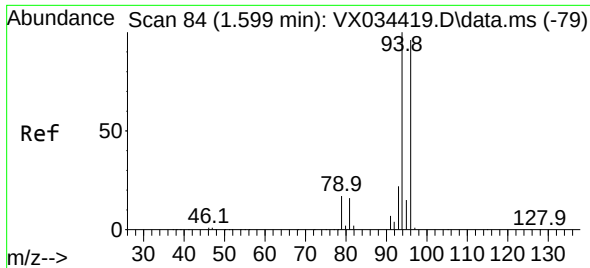
Tgt Ion: 62 Resp: 69667

Ion Ratio Lower Upper

62 100

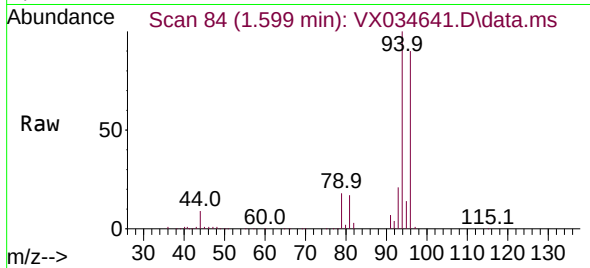
64 32.1 26.4 39.6





#5
Bromomethane
Concen: 13.314 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

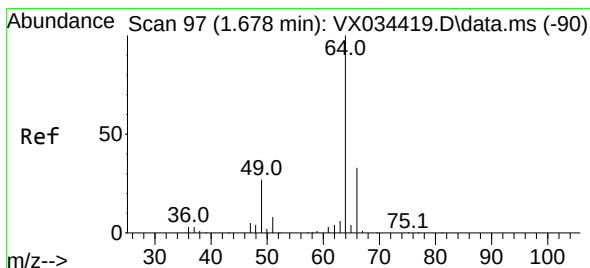
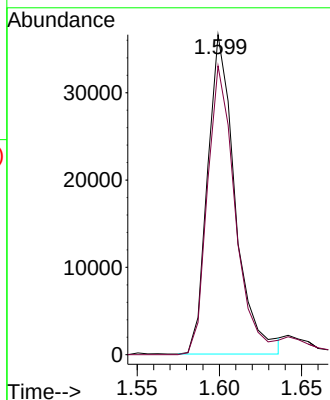
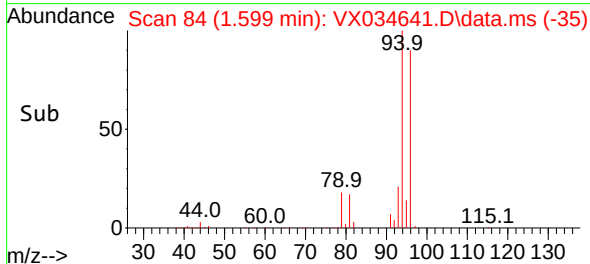
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 42570
Ion Ratio Lower Upper
94 100
96 90.5 77.0 115.6

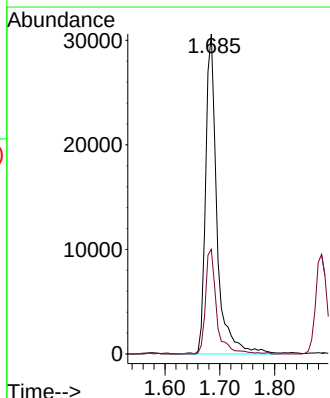
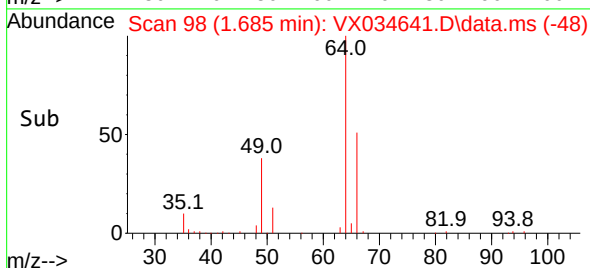
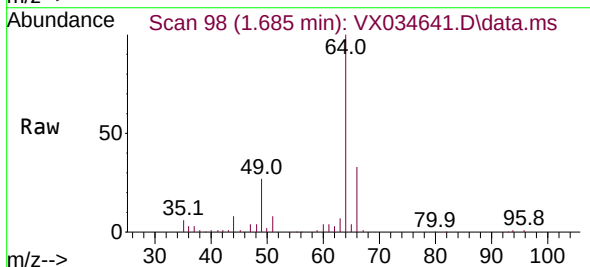
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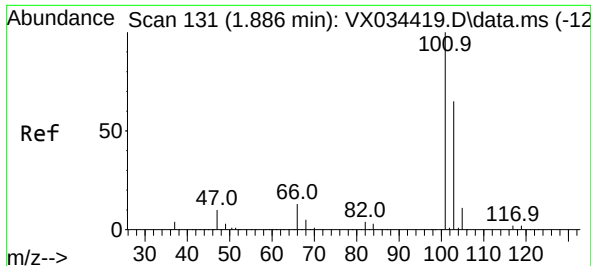
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#6
Chloroethane
Concen: 12.025 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

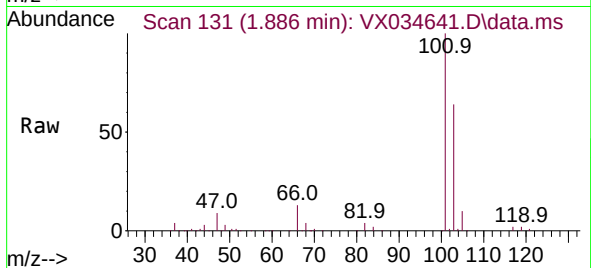
Tgt Ion: 64 Resp: 43877
Ion Ratio Lower Upper
64 100
66 32.7 26.2 39.4





#7
Trichlorofluoromethane
Concen: 10.719 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

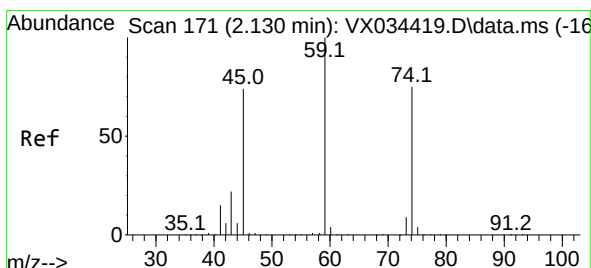
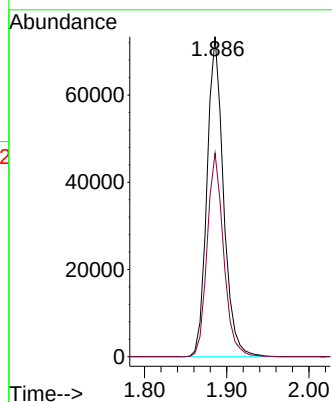
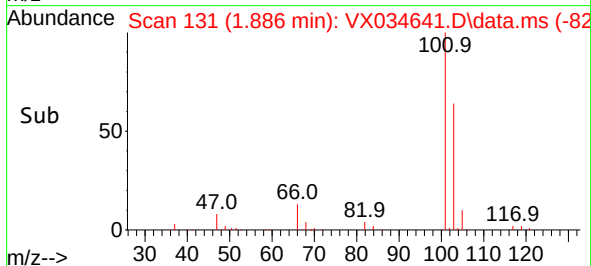
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MSVOA_X
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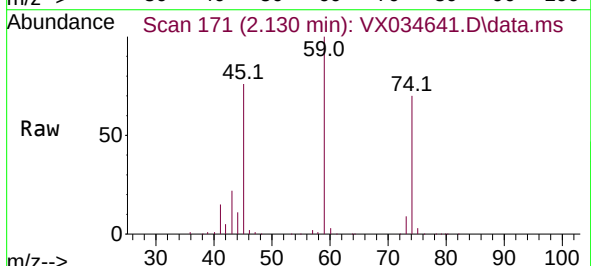
Tgt Ion:101 Resp: 102069
Ion Ratio Lower Upper
101 100
103 63.6 52.0 78.0

Manual Integrations
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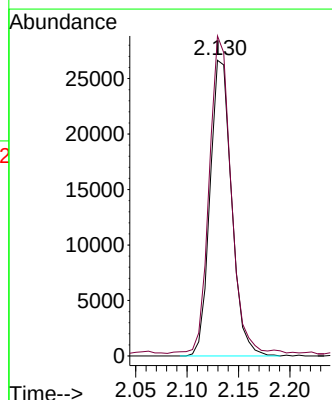
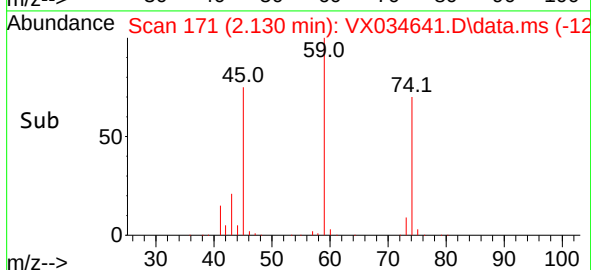
Reviewed By :John Carlone 03/21/2023
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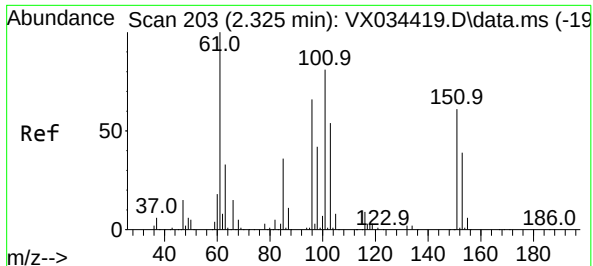


#8
Diethyl Ether
Concen: 11.226 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
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Acq: 20 Mar 2023 20:27



Tgt Ion: 74 Resp: 39022
Ion Ratio Lower Upper
74 100
45 108.4 49.8 149.3





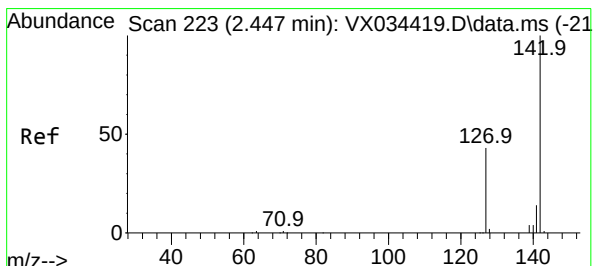
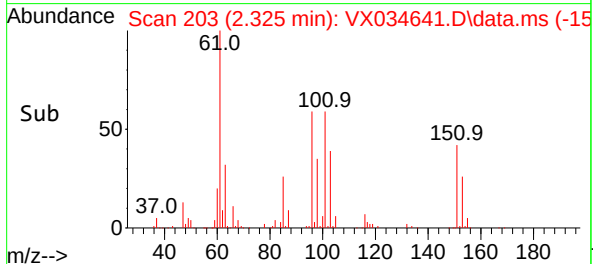
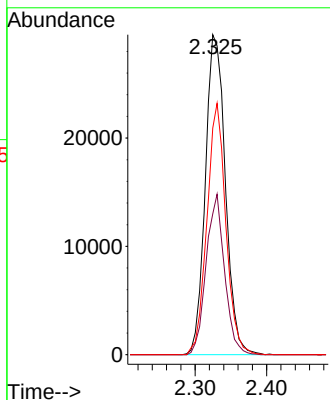
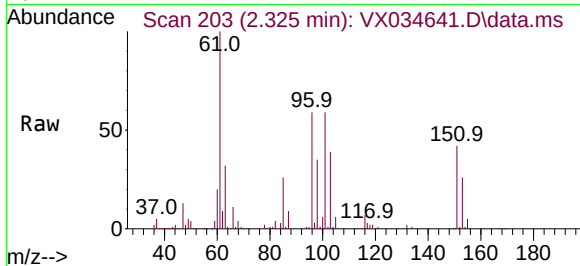
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1,1,2-Trichlorotrifluoroethane
Concen: 10.364 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

Instrument :
MSVOA_X
ClientSampleId :
031023-3

Tgt Ion:101 Resp: 57514
Ion Ratio Lower Upper
101 100
85 46.2 35.4 53.2
151 74.2 60.2 90.4

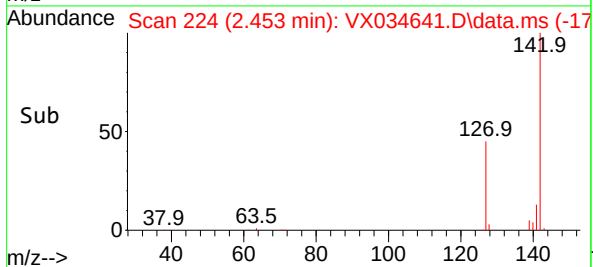
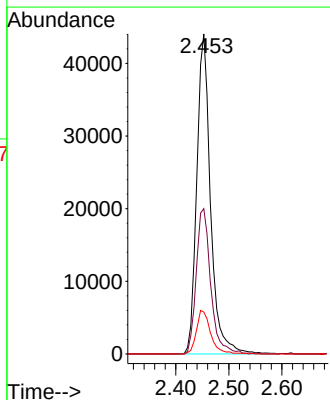
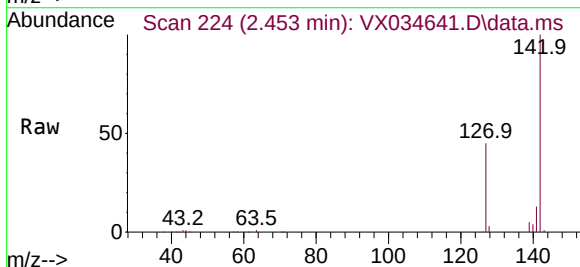
Manual Integrations
APPROVED

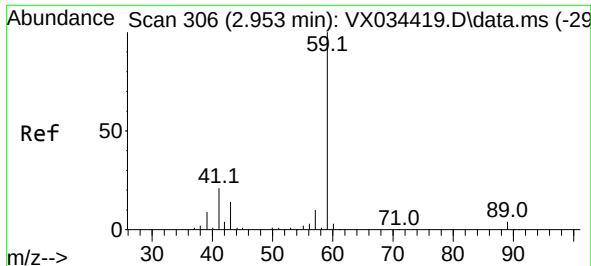
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#10
Methyl Iodide
Concen: 10.922 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

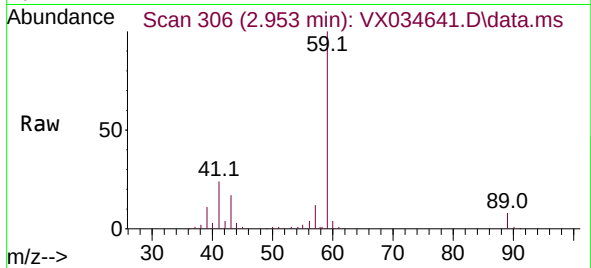
Tgt Ion:142 Resp: 79578
Ion Ratio Lower Upper
142 100
127 47.9 34.0 51.0
141 14.1 11.1 16.7





#11
Tert butyl alcohol
Concen: 50.064 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

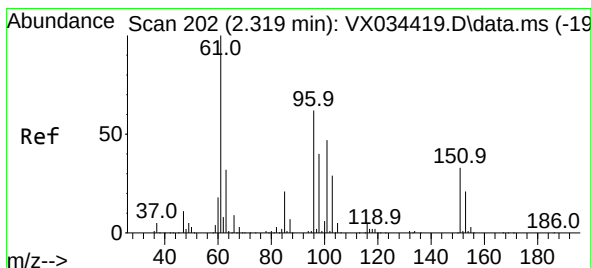
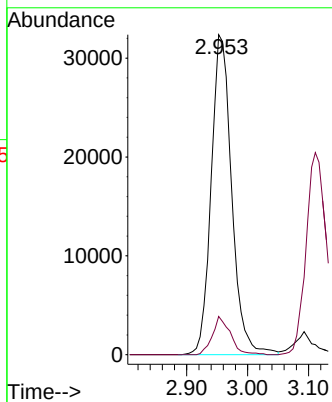
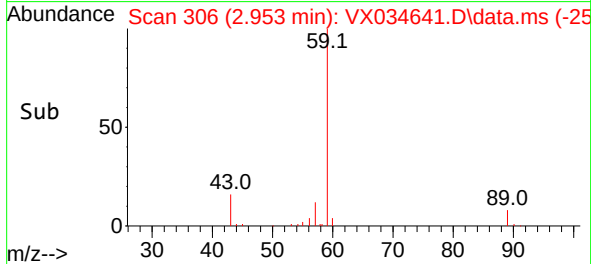
Instrument :
MSVOA_X
ClientSampleId :
031023-3



Tgt Ion: 59 Resp: 75718
Ion Ratio Lower Upper
59 100
57 10.5 8.1 12.1

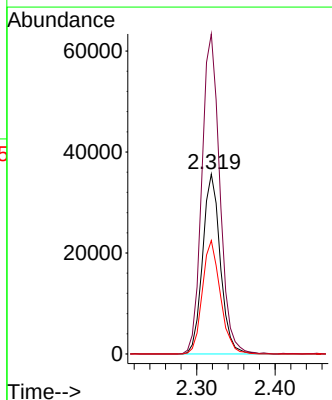
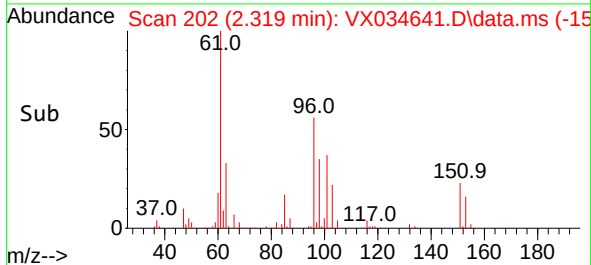
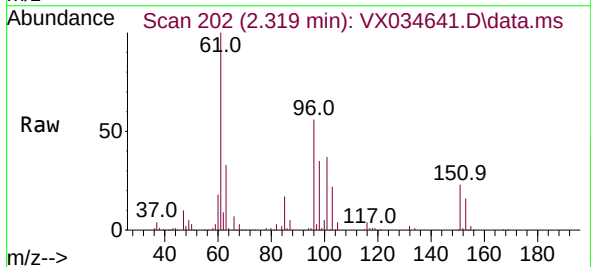
Manual Integrations
APPROVED

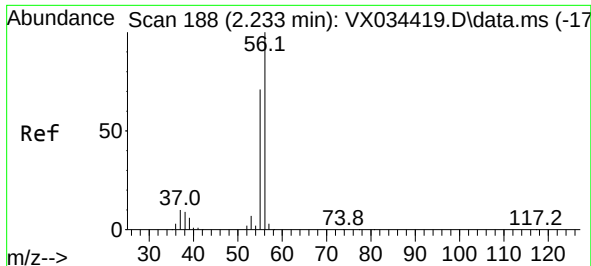
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#12
1,1-Dichloroethene
Concen: 10.224 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

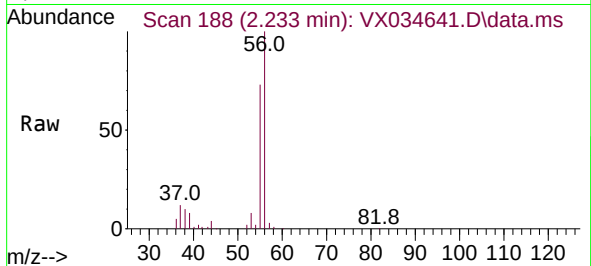
Tgt Ion: 96 Resp: 55878
Ion Ratio Lower Upper
96 100
61 177.9 128.8 193.2
98 63.0 51.4 77.0





#13
Acrolein
Concen: 52.687 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

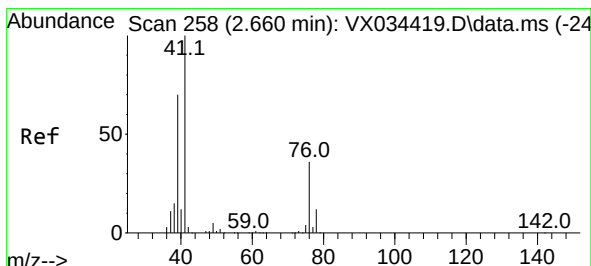
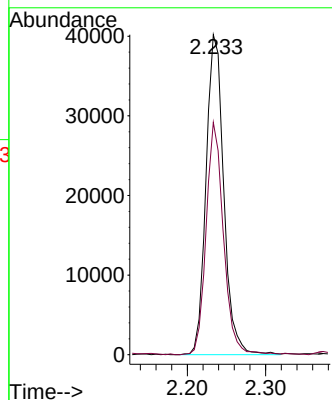
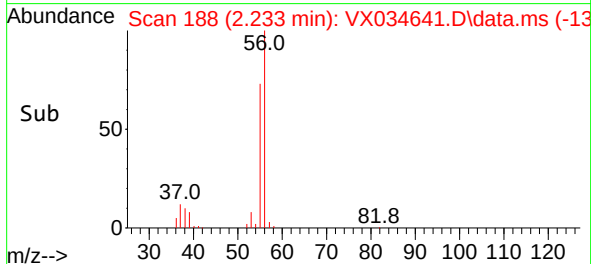
Instrument :
MSVOA_X
ClientSampleId :
031023-3



Tgt Ion: 56 Resp: 63039
Ion Ratio Lower Upper
56 100
55 71.0 56.6 85.0

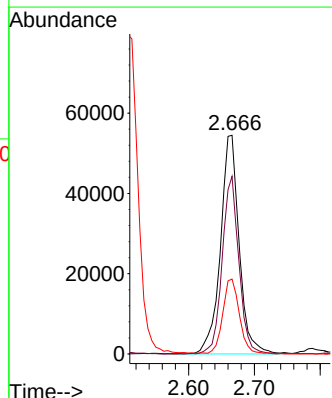
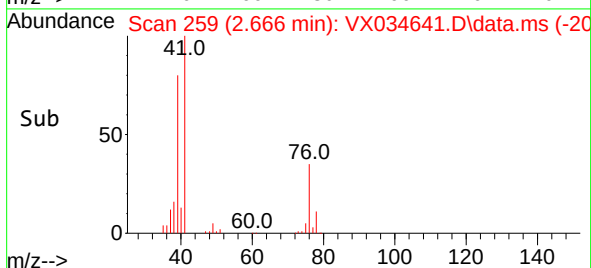
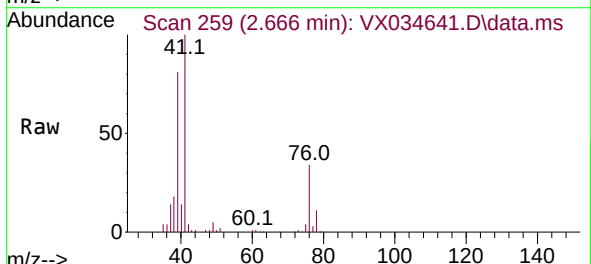
Manual Integrations
APPROVED

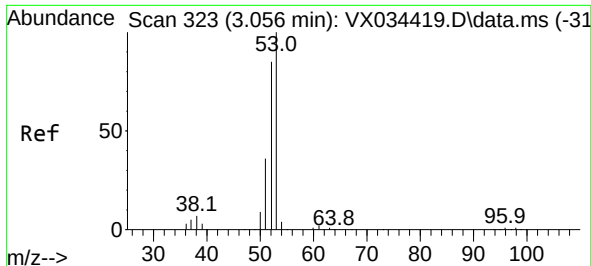
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#14
Allyl chloride
Concen: 9.764 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

Tgt Ion: 41 Resp: 108184
Ion Ratio Lower Upper
41 100
39 72.4 52.4 78.6
76 30.7 26.0 39.0





#15

Acrylonitrile

Concen: 51.542 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX034641.D

Acq: 20 Mar 2023 20:27

Instrument :

MSVOA_X

ClientSampleId :

031023-3

Tgt Ion: 53 Resp: 16839

Ion Ratio Lower Upper

53 100

52 84.0 66.2 99.2

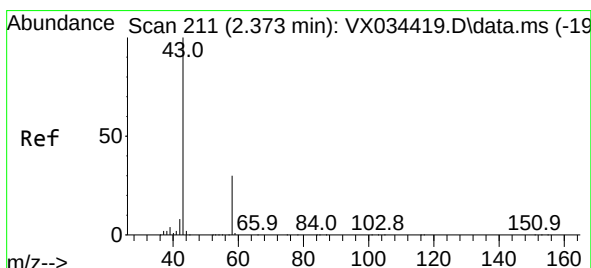
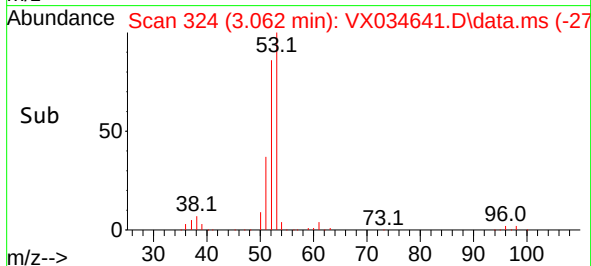
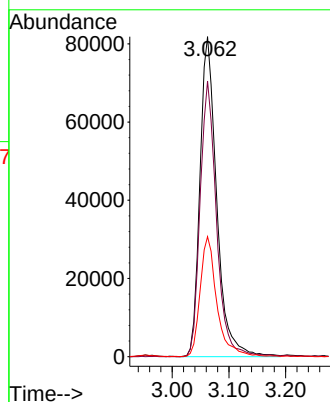
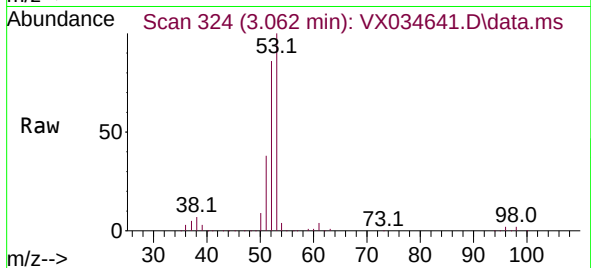
51 37.5 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#16

Acetone

Concen: 48.139 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX034641.D

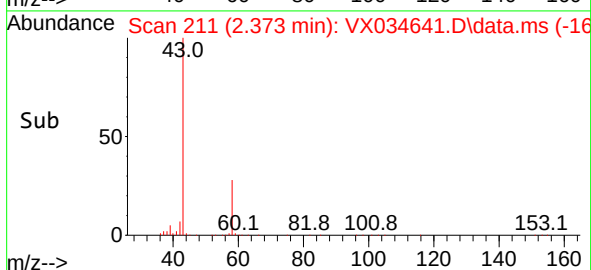
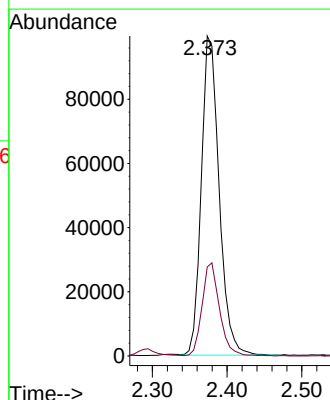
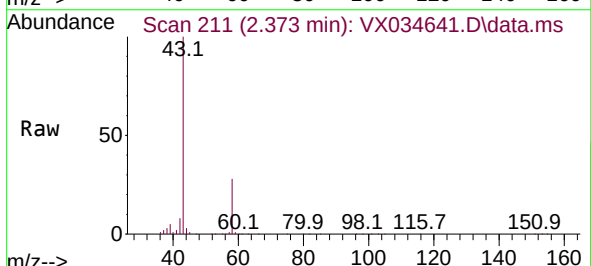
Acq: 20 Mar 2023 20:27

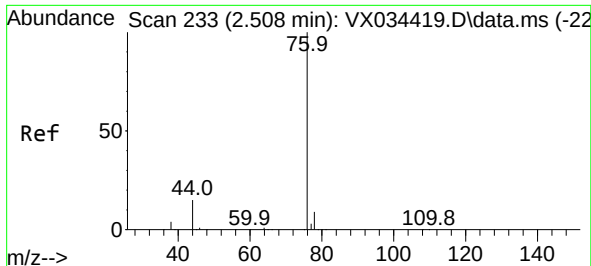
Tgt Ion: 43 Resp: 164691

Ion Ratio Lower Upper

43 100

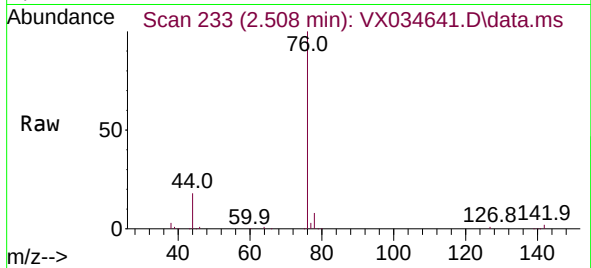
58 27.7 24.7 37.1





#17
Carbon Disulfide
Concen: 8.711 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

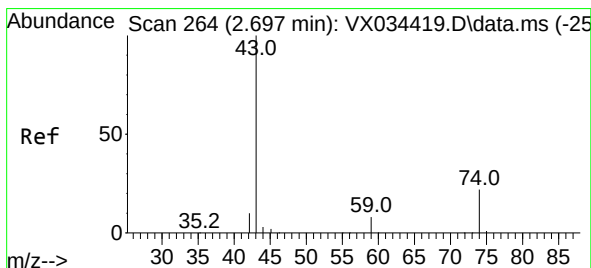
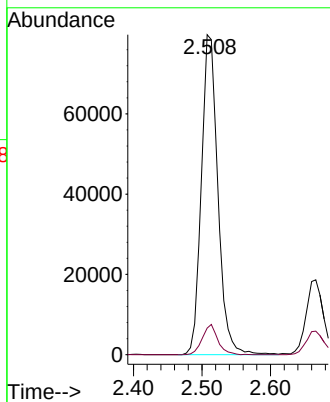
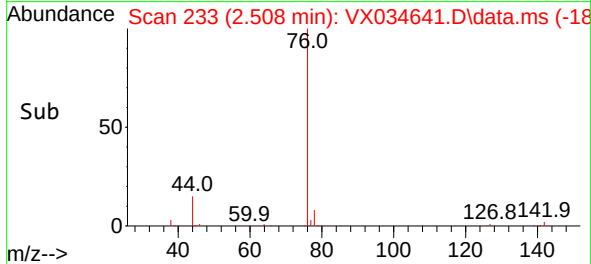
Instrument :
MSVOA_X
ClientSampleId :
031023-3



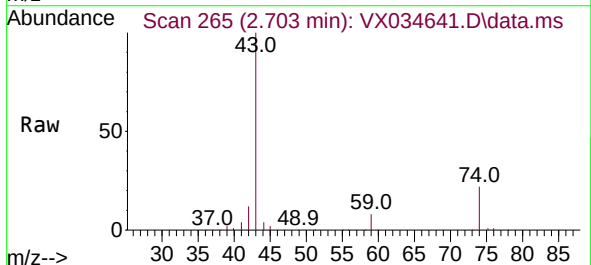
Tgt Ion: 76 Resp: 133976
Ion Ratio Lower Upper
76 100
78 8.3 7.2 10.8

Manual Integrations
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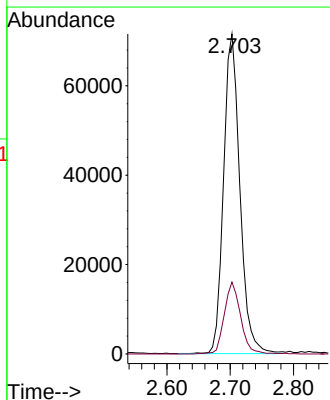
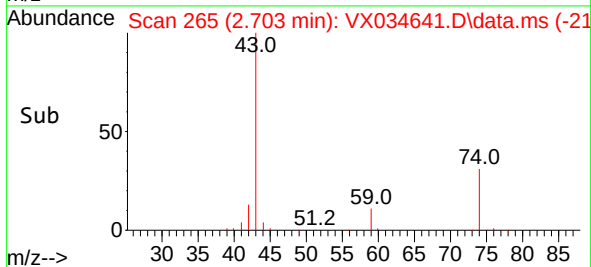
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

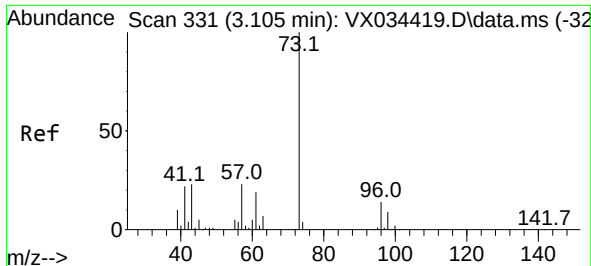


#18
Methyl Acetate
Concen: 11.423 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27



Tgt Ion: 43 Resp: 127696
Ion Ratio Lower Upper
43 100
74 22.5 18.3 27.5





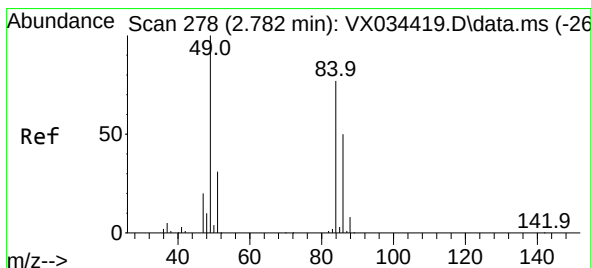
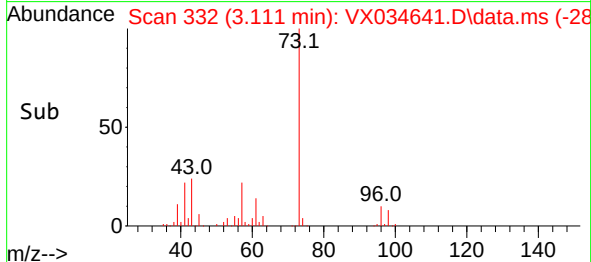
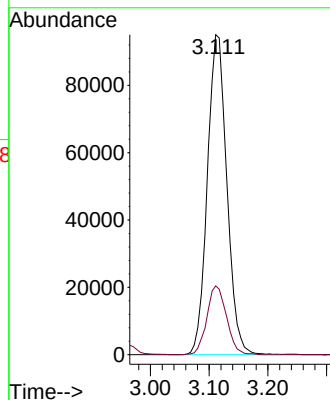
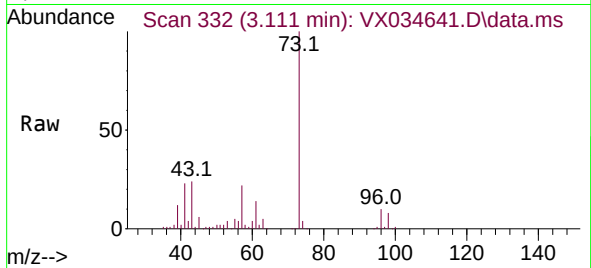
#19
Methyl tert-butyl Ether
Concen: 11.202 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

Instrument :
MSVOA_X
ClientSampleId :
031023-3

Tgt Ion: 73 Resp: 21919
Ion Ratio Lower Upper
73 100
57 21.5 18.5 27.7

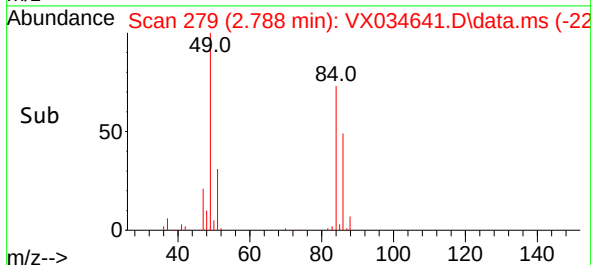
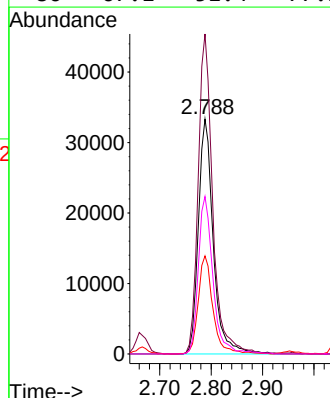
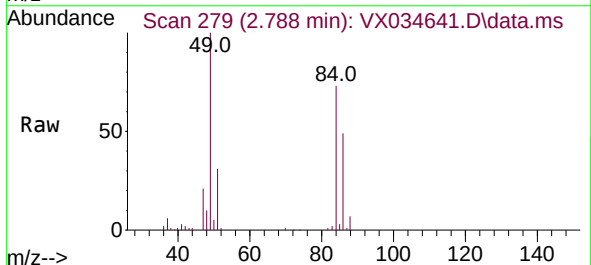
Manual Integrations
APPROVED

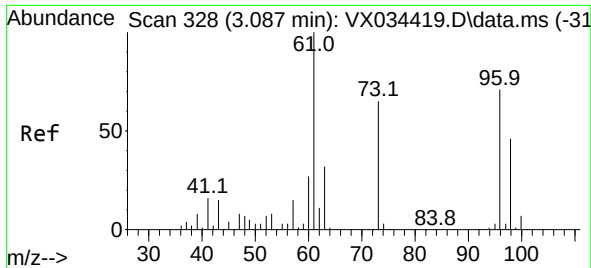
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#20
Methylene Chloride
Concen: 10.150 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

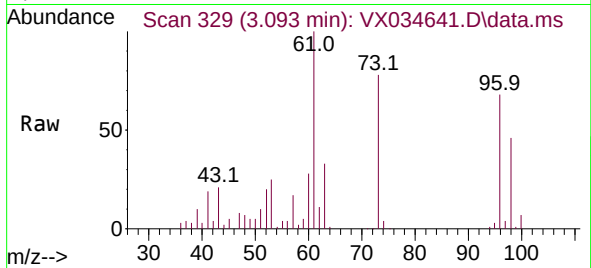
Tgt Ion: 84 Resp: 67392
Ion Ratio Lower Upper
84 100
49 136.2 103.8 155.8
51 41.5 31.8 47.8
86 67.1 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 10.543 ug/l
RT: 3.093 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

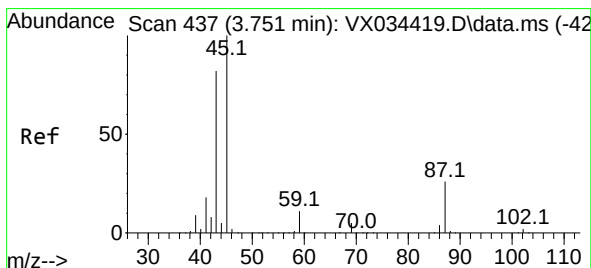
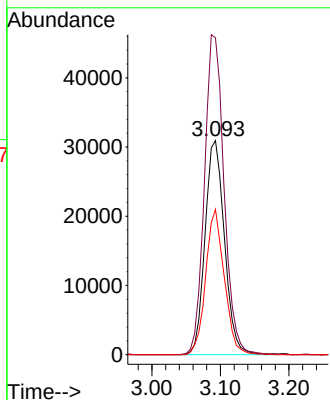
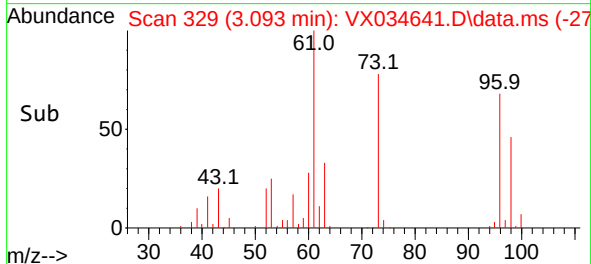
Instrument :
MSVOA_X
ClientSampleId :
031023-3



Tgt Ion: 96 Resp: 61192
Ion Ratio Lower Upper
96 100
61 148.0 113.0 169.6
98 67.9 52.1 78.1

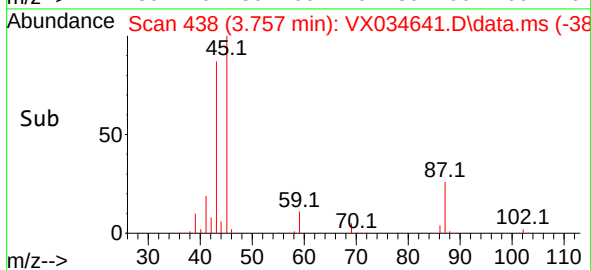
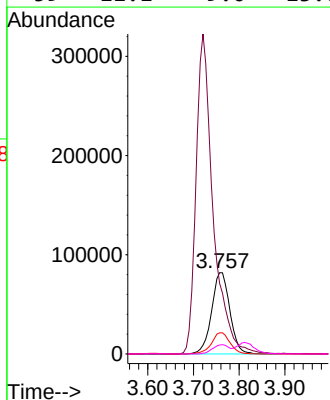
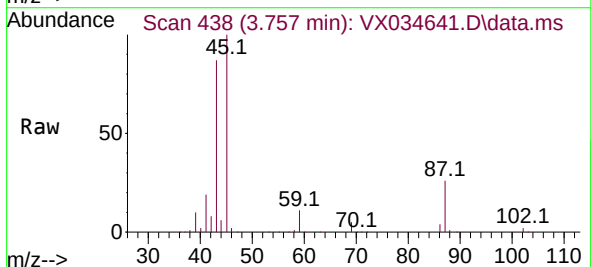
Manual Integrations
APPROVED

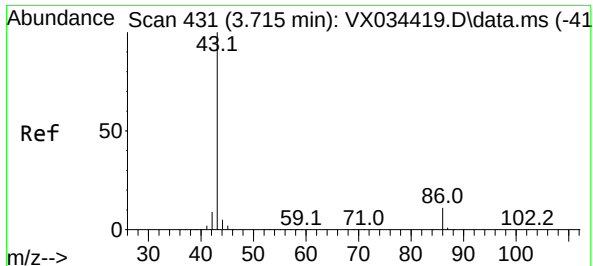
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#22
Diisopropyl ether
Concen: 10.747 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

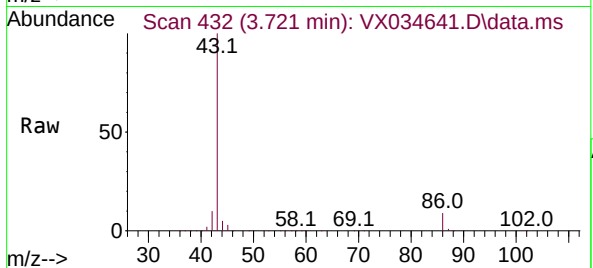
Tgt Ion: 45 Resp: 227033
Ion Ratio Lower Upper
45 100
43 87.0 65.4 98.2
87 26.0 20.6 31.0
59 11.1 9.0 13.6





#23
 Vinyl Acetate
 Concen: 52.129 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX034641.D
 Acq: 20 Mar 2023 20:27

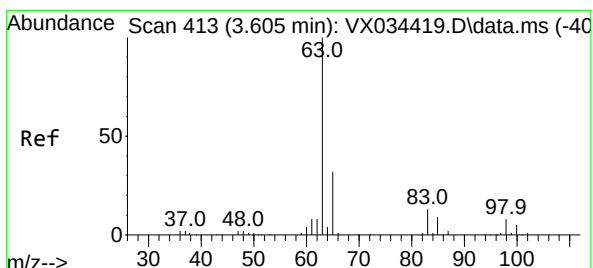
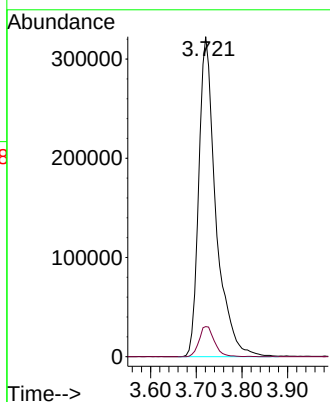
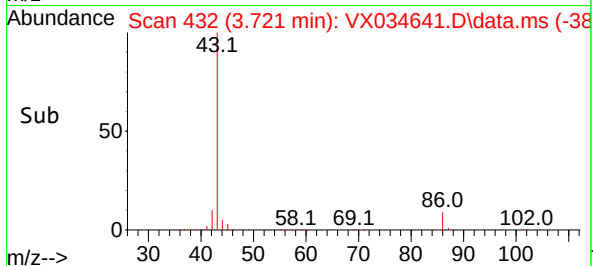
Instrument :
 MSVOA_X
 ClientSampleId :
 031023-3



Tgt Ion: 43 Resp: 838120
 Ion Ratio Lower Upper
 43 100
 86 9.4 8.5 12.7

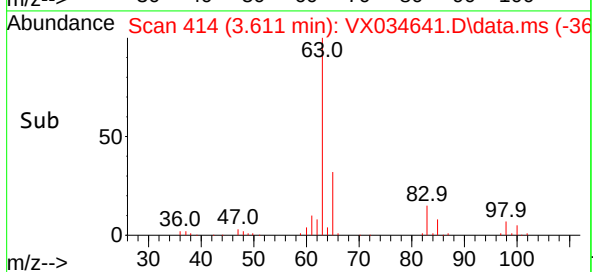
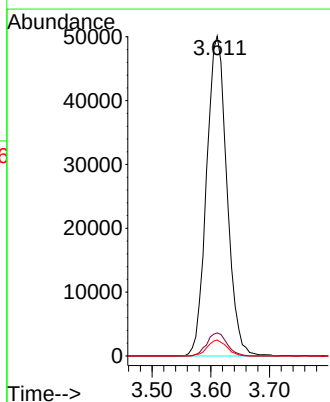
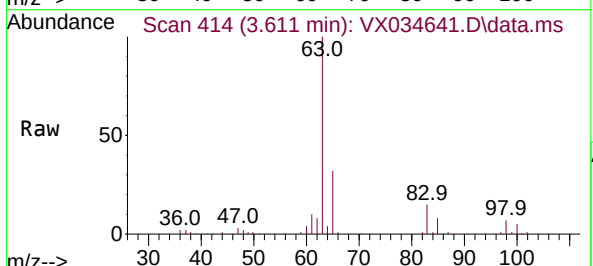
Manual Integrations
 APPROVED

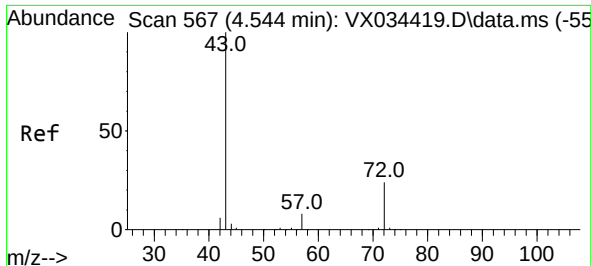
Reviewed By :John Carlone 03/21/2023
 Supervised By :Mahesh Dadoda 03/21/2023



#24
 1,1-Dichloroethane
 Concen: 10.603 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034641.D
 Acq: 20 Mar 2023 20:27

Tgt Ion: 63 Resp: 120412
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.2
 100 5.0 2.4 7.1





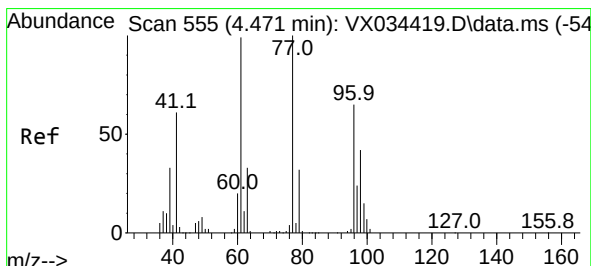
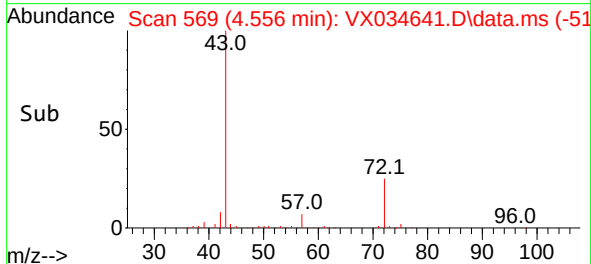
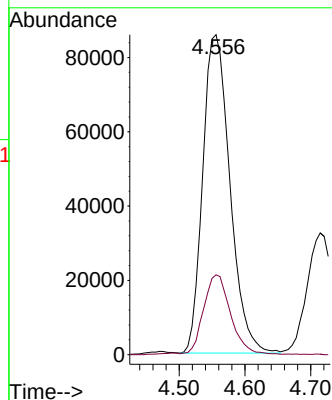
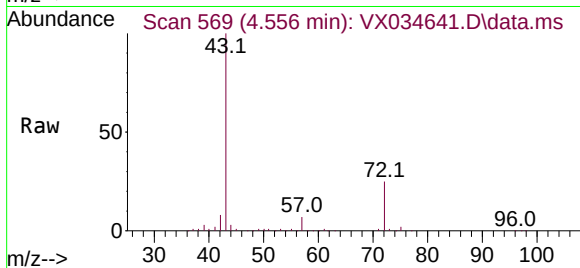
#25
2-Butanone
Concen: 50.488 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.012 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

Instrument :
MSVOA_X
ClientSampleId :
031023-3

Tgt Ion: 43 Resp: 247149
Ion Ratio Lower Upper
43 100
72 24.9 19.3 28.9

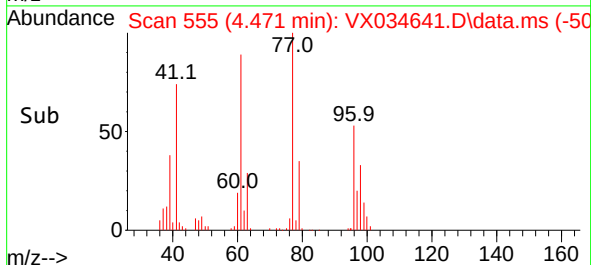
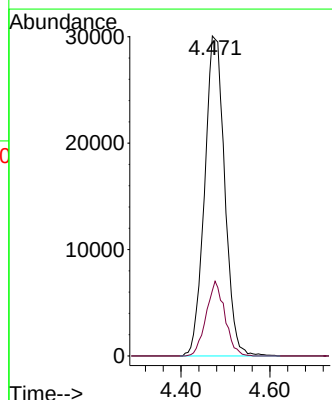
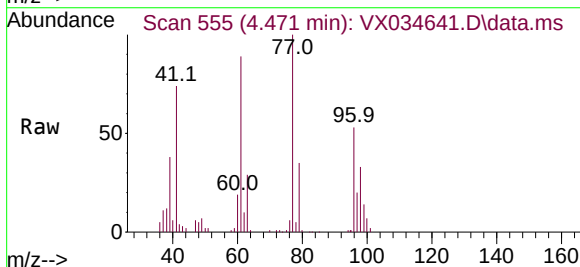
Manual Integrations
APPROVED

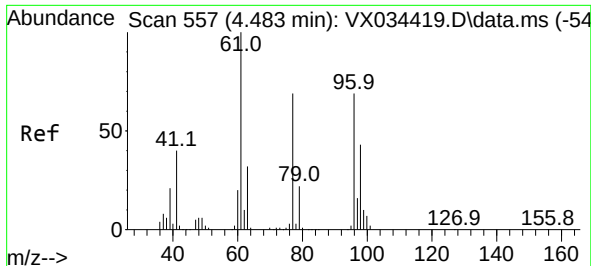
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#26
2,2-Dichloropropane
Concen: 9.588 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

Tgt Ion: 77 Resp: 94644
Ion Ratio Lower Upper
77 100
97 21.8 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 10.431 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX034641.D

Acq: 20 Mar 2023 20:27

Instrument :

MSVOA_X

ClientSampleId :

031023-3

Tgt Ion: 96 Resp: 72880

Ion Ratio Lower Upper

96 100

61 155.8 0.0 300.4

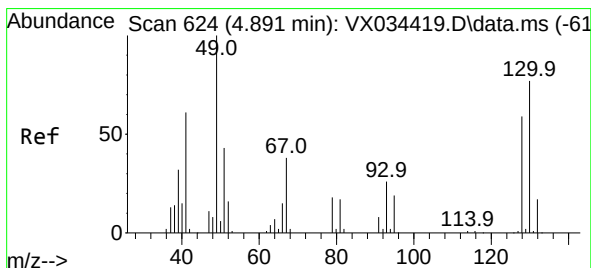
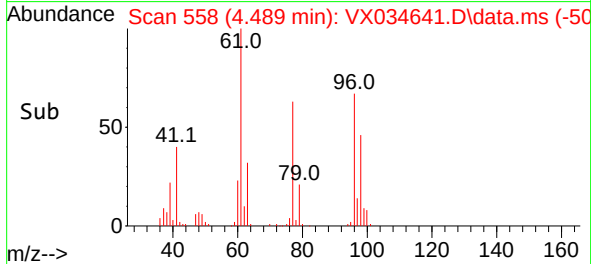
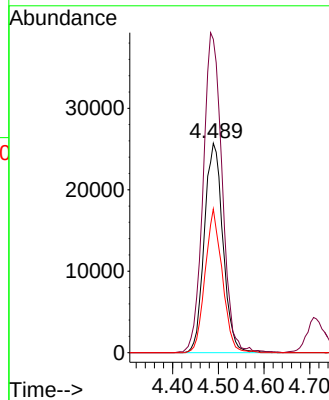
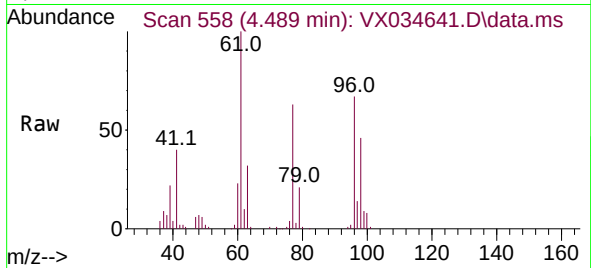
98 63.2 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#28

Bromochloromethane

Concen: 14.328 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX034641.D

Acq: 20 Mar 2023 20:27

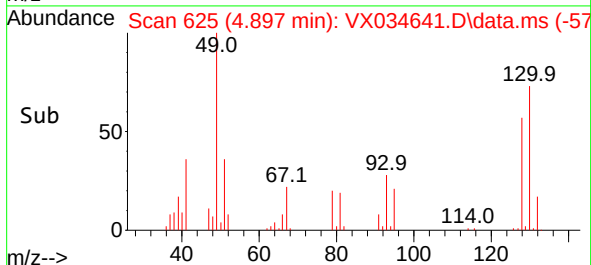
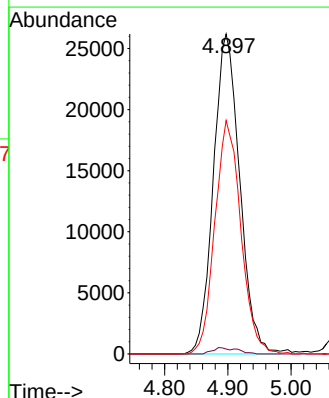
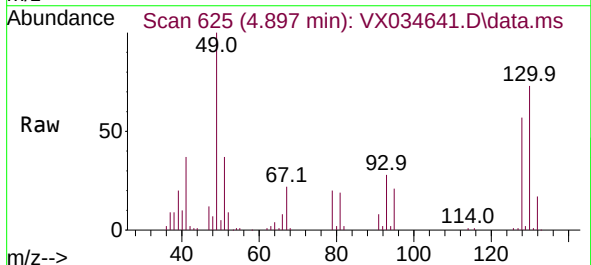
Tgt Ion: 49 Resp: 75652

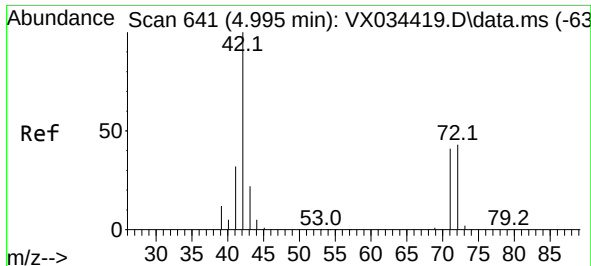
Ion Ratio Lower Upper

49 100

129 1.2 0.0 4.0

130 72.0 58.2 87.2





#29

Tetrahydrofuran

Concen: 51.933 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX034641.D

Acq: 20 Mar 2023 20:27

Instrument :

MSVOA_X

ClientSampleId :

031023-3

Tgt Ion: 42 Resp: 15687

Ion Ratio Lower Upper

42 100

72 43.0 34.5 51.7

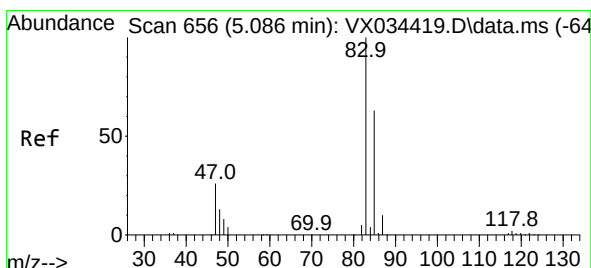
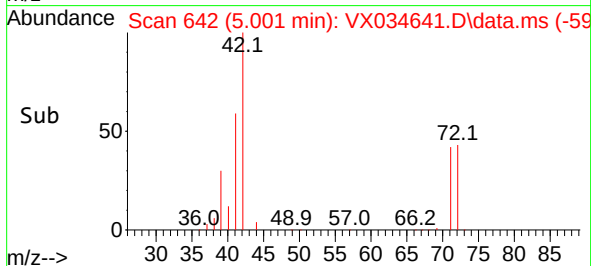
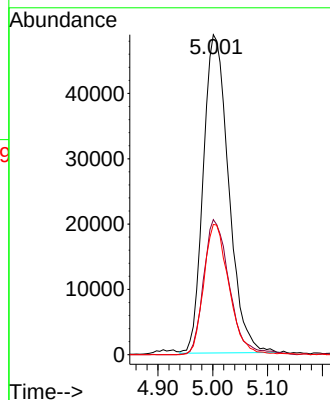
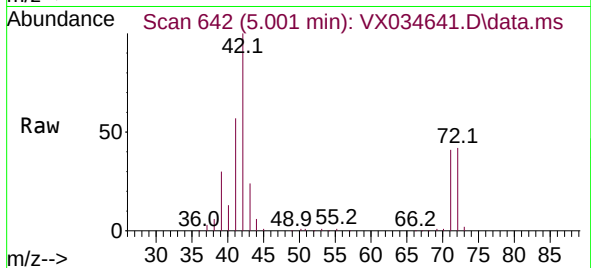
71 40.8 32.1 48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#30

Chloroform

Concen: 11.289 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX034641.D

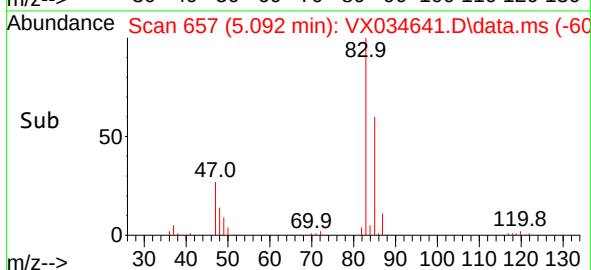
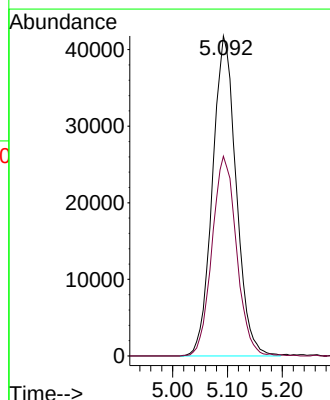
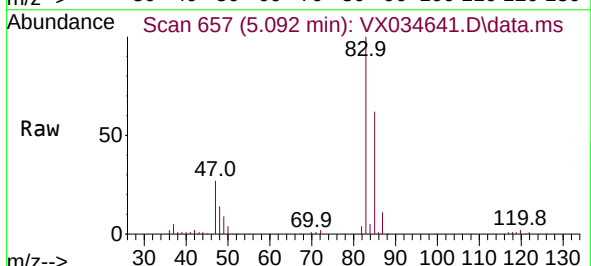
Acq: 20 Mar 2023 20:27

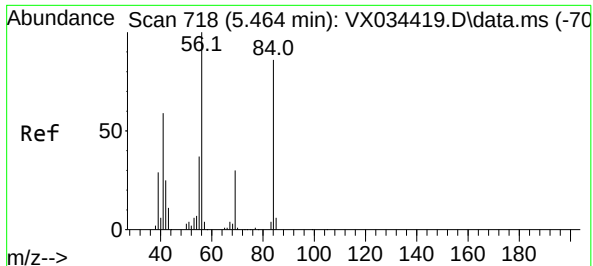
Tgt Ion: 83 Resp: 125662

Ion Ratio Lower Upper

83 100

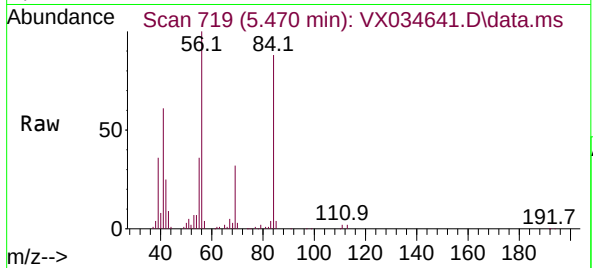
85 62.4 50.6 76.0





#31
Cyclohexane
Concen: 10.142 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

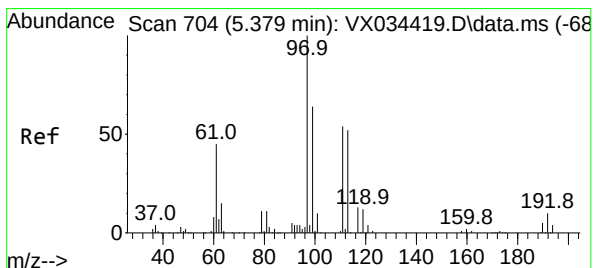
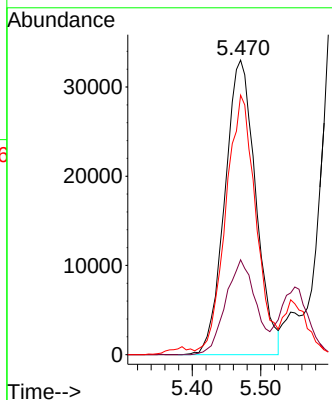
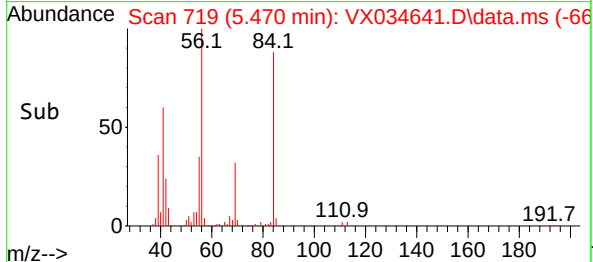
Instrument :
MSVOA_X
ClientSampleId :
031023-3



Tgt Ion: 56 Resp: 10330
Ion Ratio Lower Upper
56 100
69 32.2 23.7 35.5
84 86.2 68.5 102.7

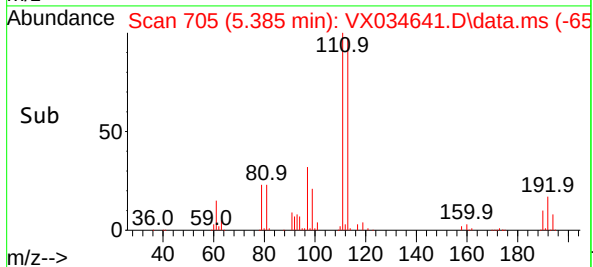
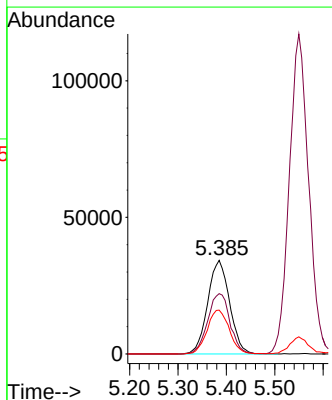
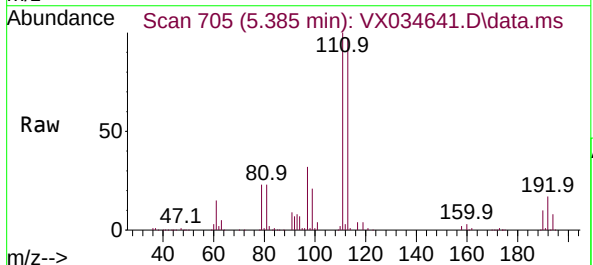
Manual Integrations
APPROVED

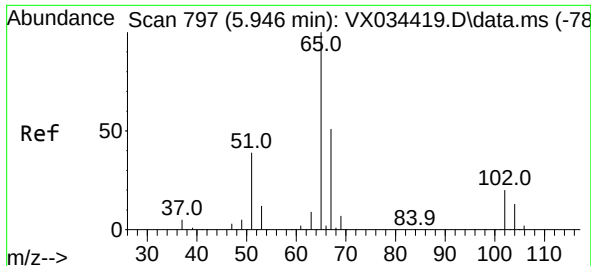
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#32
1,1,1-Trichloroethane
Concen: 10.933 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

Tgt Ion: 97 Resp: 107736
Ion Ratio Lower Upper
97 100
99 65.5 51.1 76.7
61 47.6 36.5 54.7





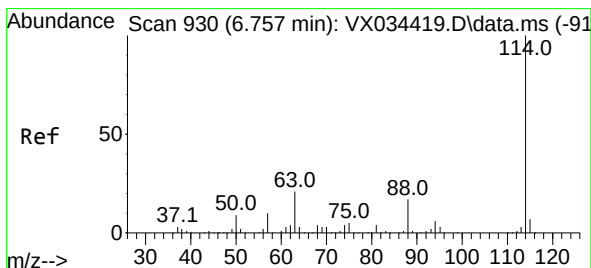
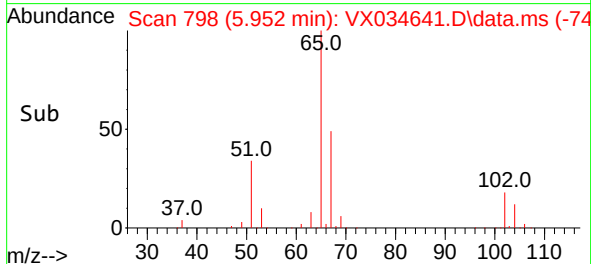
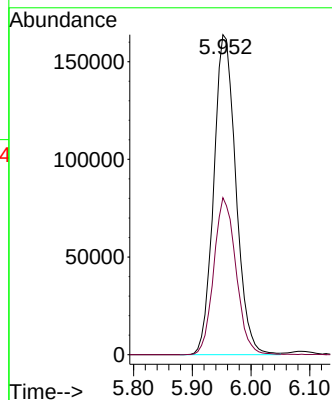
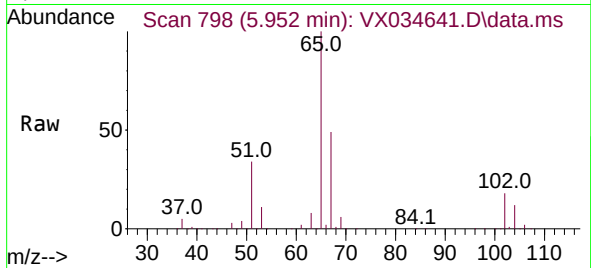
#33
1,2-Dichloroethane-d4
Concen: 59.027 ug/l
RT: 5.952 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

Instrument :
MSVOA_X
ClientSampleId :
031023-3

Tgt Ion: 65 Resp: 428704
Ion Ratio Lower Upper
65 100
67 49.5 0.0 104.0

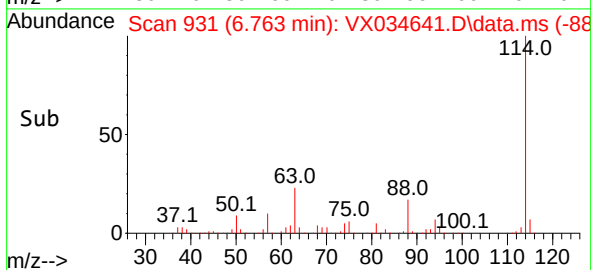
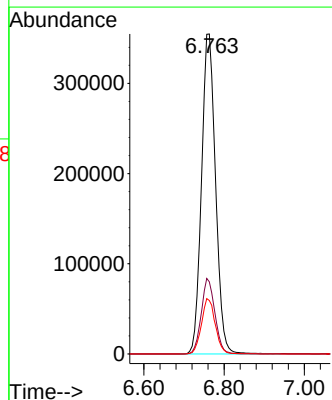
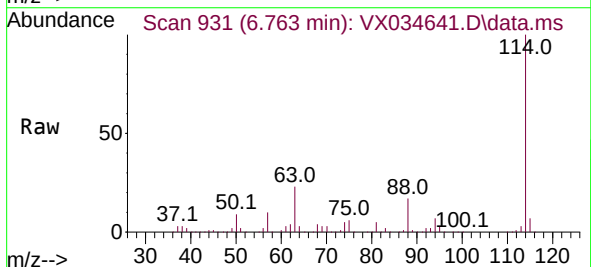
Manual Integrations
APPROVED

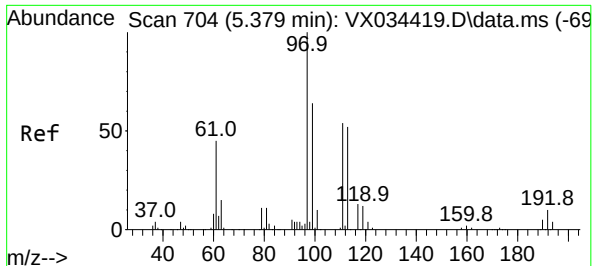
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

Tgt Ion:114 Resp: 863934
Ion Ratio Lower Upper
114 100
63 22.6 0.0 42.2
88 16.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 53.203 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034641.D

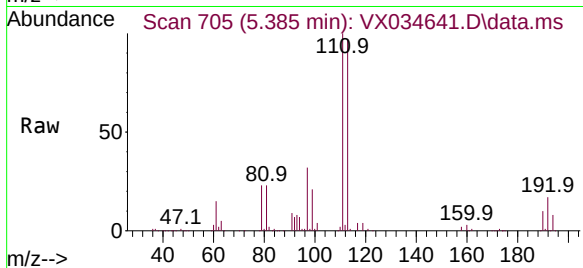
Acq: 20 Mar 2023 20:27

Instrument :

MSVOA_X

ClientSampleId :

031023-3



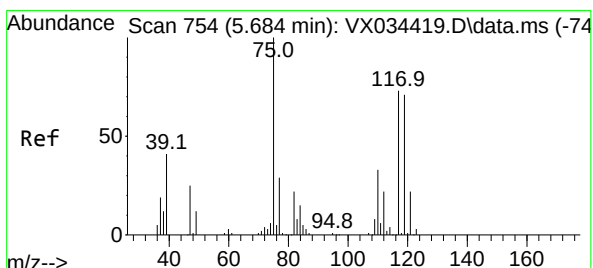
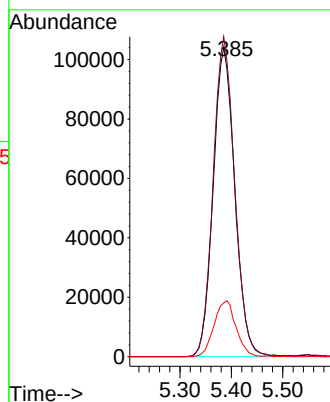
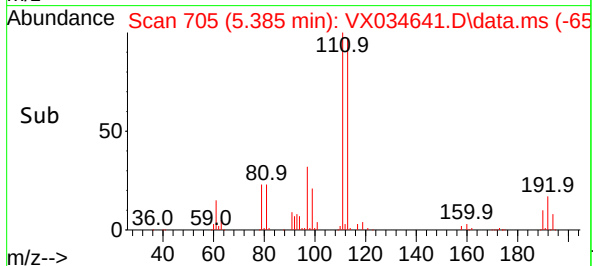
Tgt Ion:	113	Resp:	30347
Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.7	125.5
192	18.3	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#36

1,1-Dichloropropene

Concen: 10.028 ug/l

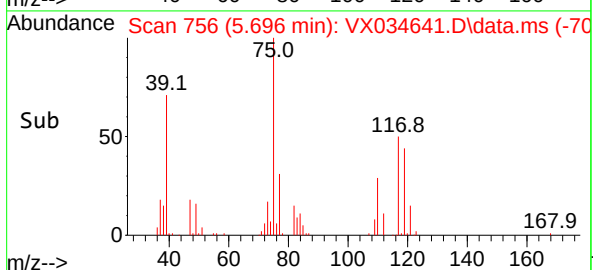
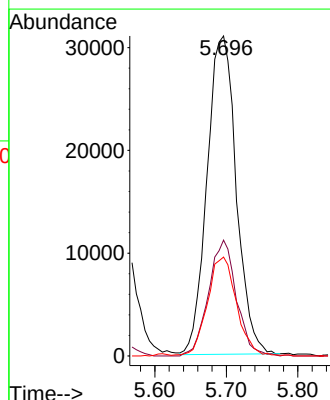
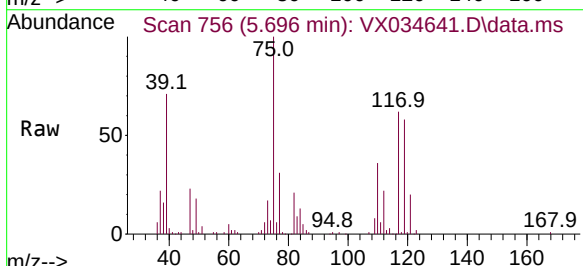
RT: 5.696 min Scan# 756

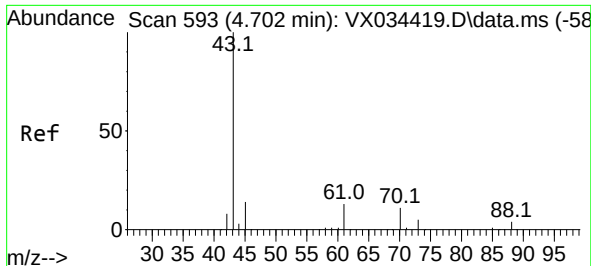
Delta R.T. 0.012 min

Lab File: VX034641.D

Acq: 20 Mar 2023 20:27

Tgt Ion:	75	Resp:	87853
Ion	Ratio	Lower	Upper
75	100		
110	34.7	17.5	52.5
77	31.1	24.3	36.5





#37

Ethyl Acetate

Concen: 10.187 ug/l

RT: 4.714 min Scan# 593

Delta R.T. 0.012 min

Lab File: VX034641.D

Acq: 20 Mar 2023 20:27

Instrument :

MSVOA_X

ClientSampleId :

031023-3

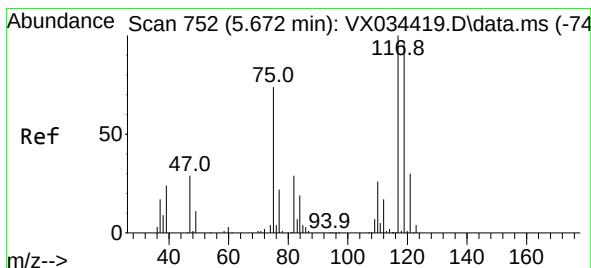
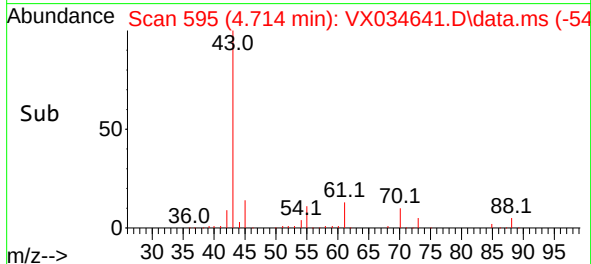
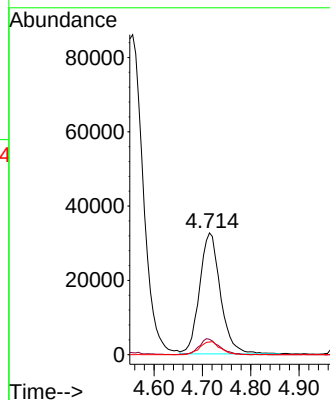
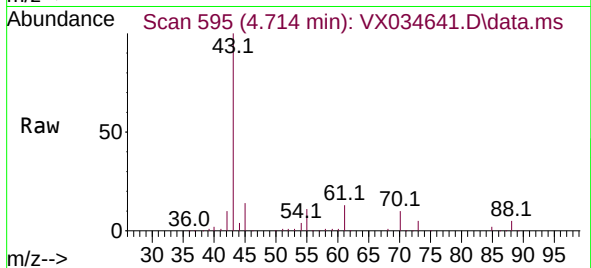
Tgt Ion:	43	Resp:	9750
Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.2	15.4
70	10.5	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#38

Carbon Tetrachloride

Concen: 10.321 ug/l

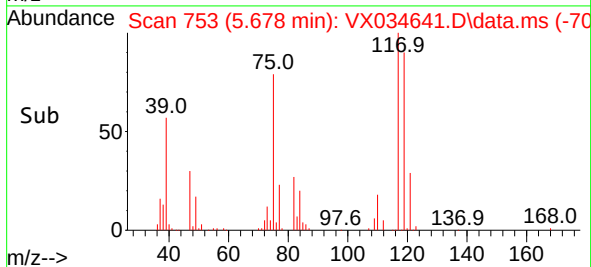
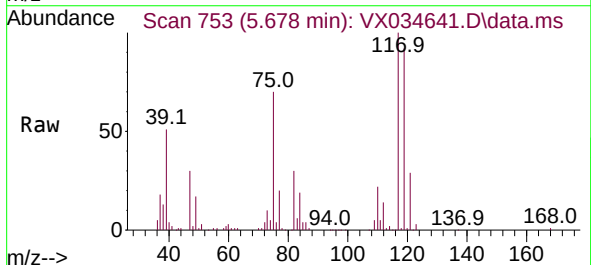
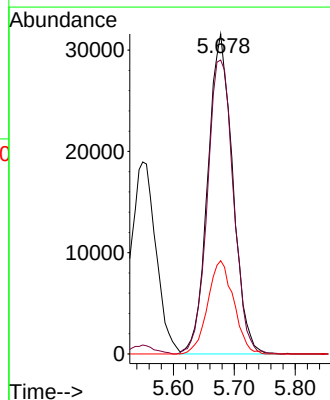
RT: 5.678 min Scan# 753

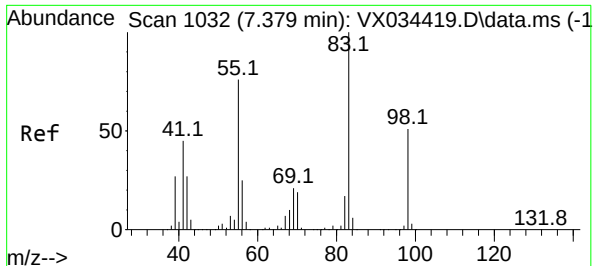
Delta R.T. 0.006 min

Lab File: VX034641.D

Acq: 20 Mar 2023 20:27

Tgt Ion:	117	Resp:	89955
Ion	Ratio	Lower	Upper
117	100		
119	91.8	76.6	114.8
121	29.2	23.8	35.6





#39

Methylcyclohexane

Concen: 9.158 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX034641.D

Acq: 20 Mar 2023 20:27

Instrument :

MSVOA_X

ClientSampleId :

031023-3

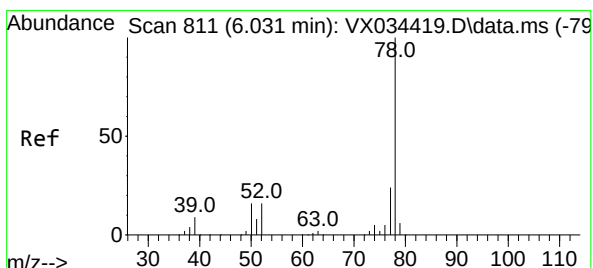
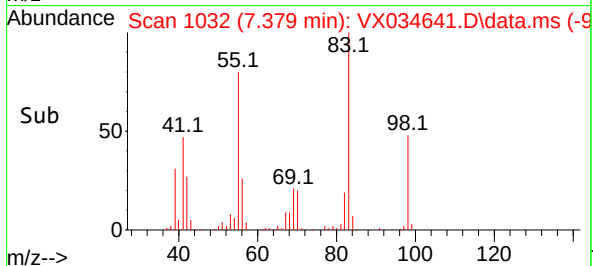
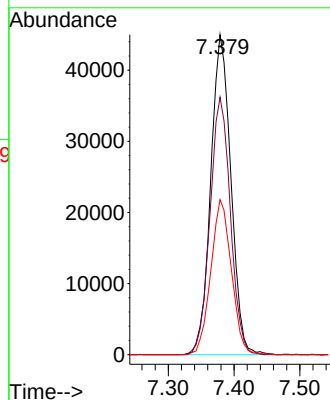
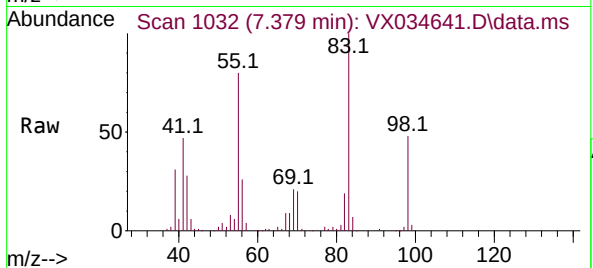
Tgt Ion: 83	Resp: 9601
Ion Ratio	Lower Upper
83 100	
55 80.5	60.5 90.7
98 48.4	40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#40

Benzene

Concen: 10.247 ug/l

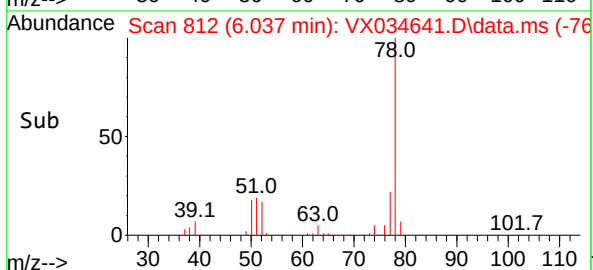
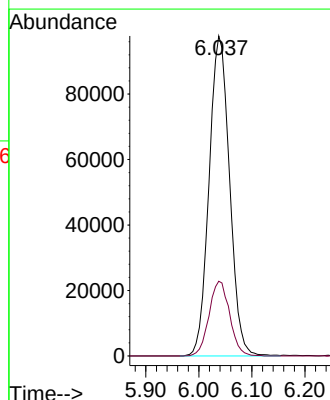
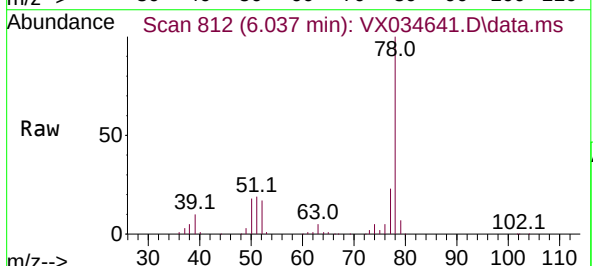
RT: 6.037 min Scan# 812

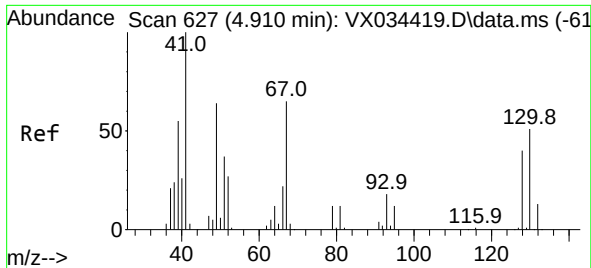
Delta R.T. 0.006 min

Lab File: VX034641.D

Acq: 20 Mar 2023 20:27

Tgt Ion: 78	Resp: 262614
Ion Ratio	Lower Upper
78 100	
77 23.3	19.0 28.4





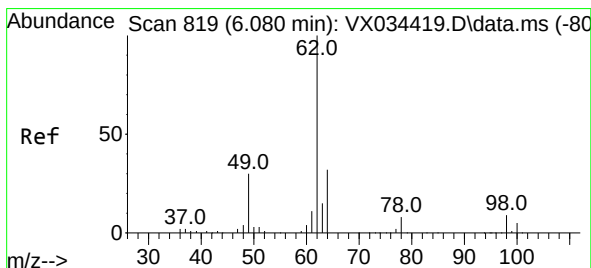
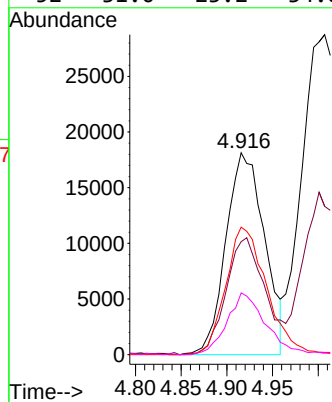
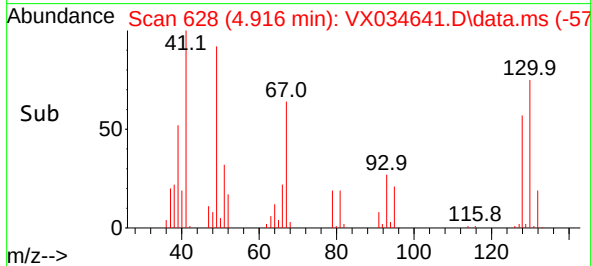
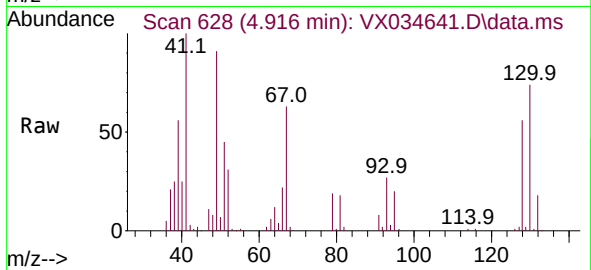
#41
Methacrylonitrile
Concen: 10.176 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

Instrument :
MSVOA_X
ClientSampleId :
031023-3

Tgt Ion: 41 Resp: 53370
Ion Ratio Lower Upper
41 100
39 59.2 45.0 67.6
67 67.0 55.6 83.4
52 31.0 23.2 34.8

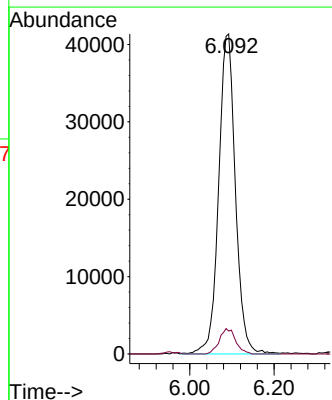
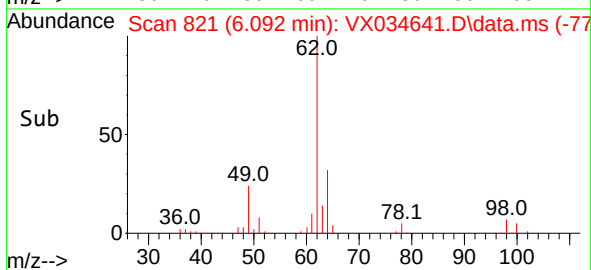
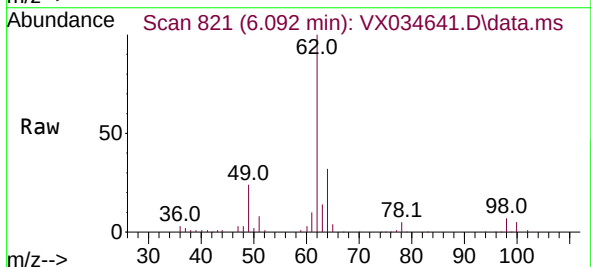
Manual Integrations
APPROVED

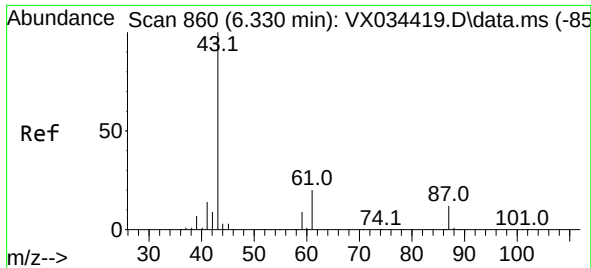
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#42
1,2-Dichloroethane
Concen: 12.074 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.012 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

Tgt Ion: 62 Resp: 113729
Ion Ratio Lower Upper
62 100
98 7.7 0.0 18.0





#43

Isopropyl Acetate

Concen: 10.243 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.012 min

Lab File: VX034641.D

Acq: 20 Mar 2023 20:27

Instrument :

MSVOA_X

ClientSampleId :

031023-3

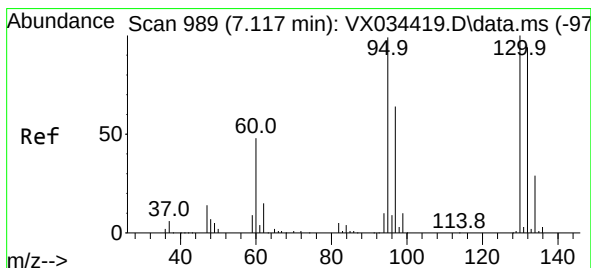
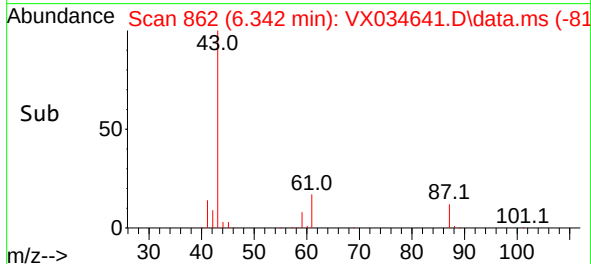
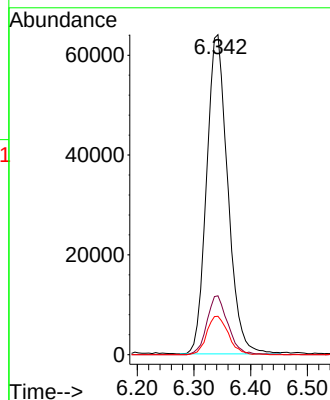
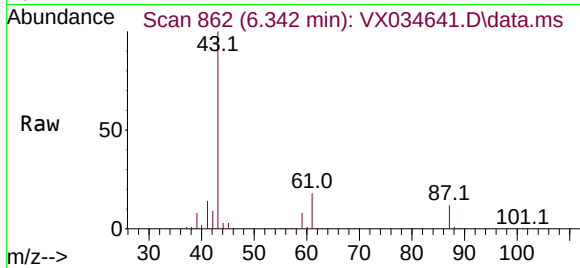
Tgt Ion: 43	Resp: 166079
Ion Ratio	Lower Upper
43 100	
61 18.3	15.2 22.8
87 12.2	9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#44

Trichloroethene

Concen: 9.934 ug/l

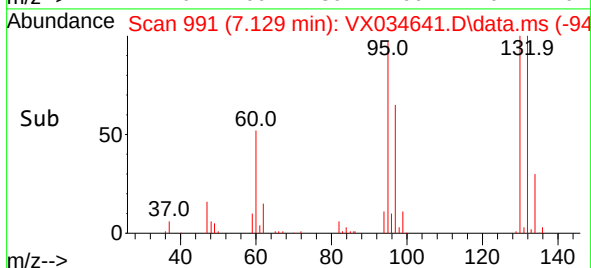
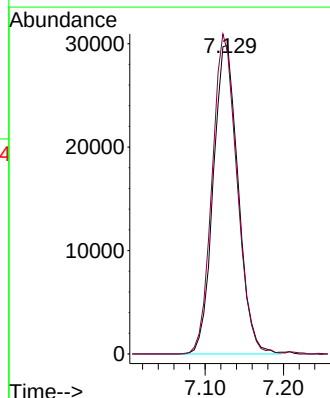
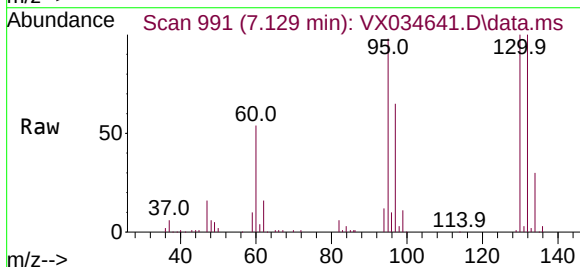
RT: 7.129 min Scan# 991

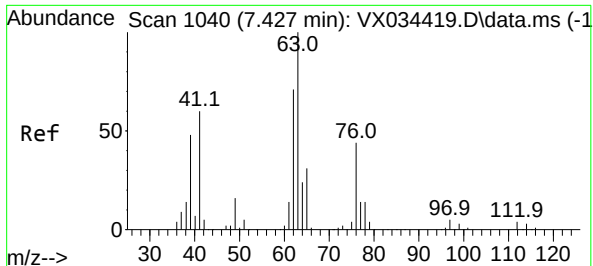
Delta R.T. 0.012 min

Lab File: VX034641.D

Acq: 20 Mar 2023 20:27

Tgt Ion:130	Resp: 66152
Ion Ratio	Lower Upper
130 100	
95 97.5	0.0 198.4





#45

1,2-Dichloropropane

Concen: 10.198 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX034641.D

Acq: 20 Mar 2023 20:27

Instrument :

MSVOA_X

ClientSampleId :

031023-3

Tgt Ion: 63 Resp: 6824

Ion Ratio Lower Upper

63 100

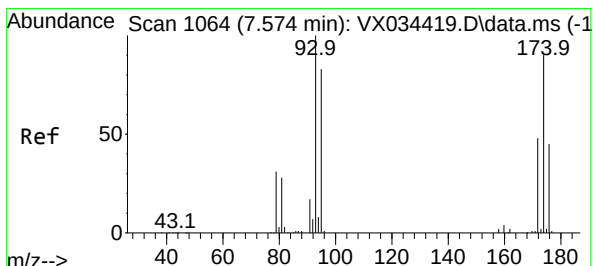
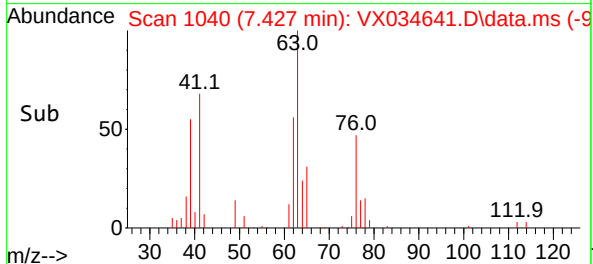
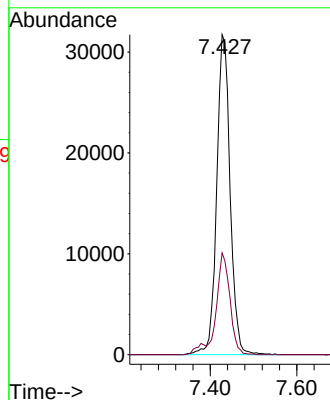
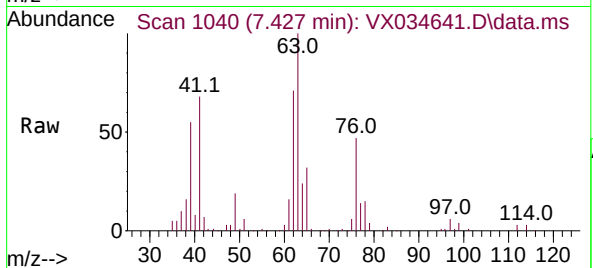
65 31.8 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#46

Dibromomethane

Concen: 10.774 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX034641.D

Acq: 20 Mar 2023 20:27

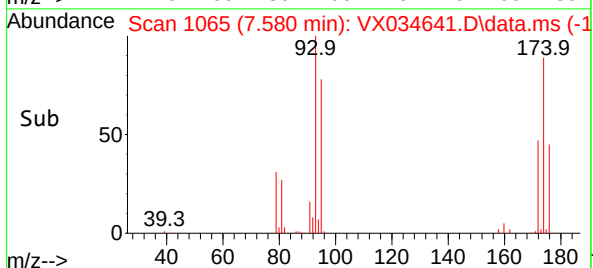
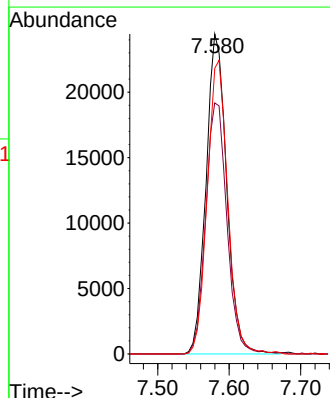
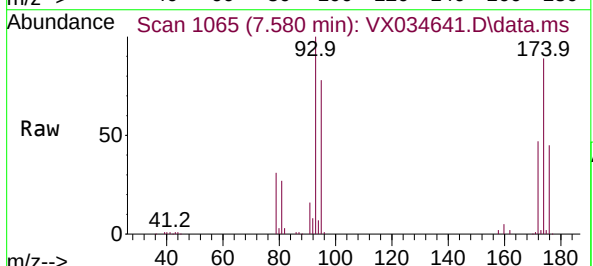
Tgt Ion: 93 Resp: 49019

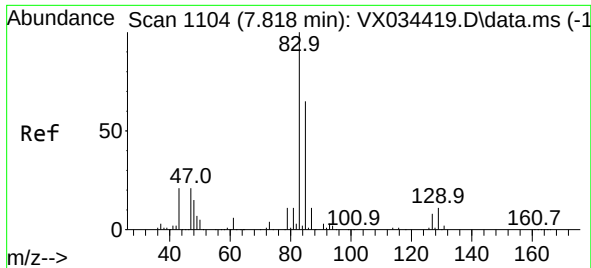
Ion Ratio Lower Upper

93 100

95 81.1 66.9 100.3

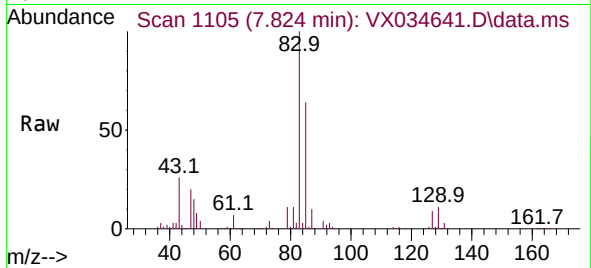
174 91.1 75.4 113.0





#47
Bromodichloromethane
Concen: 10.604 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

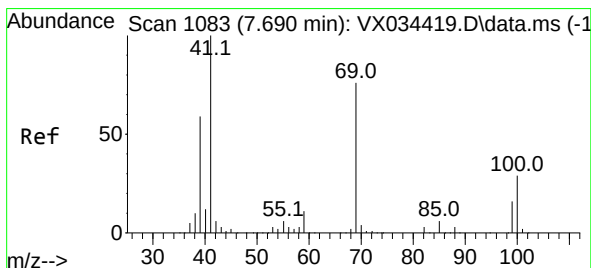
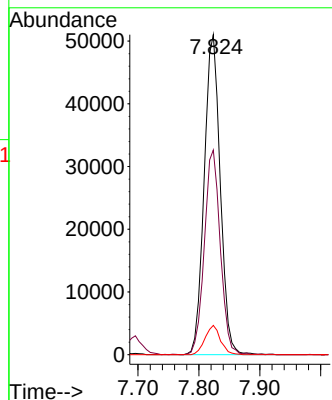
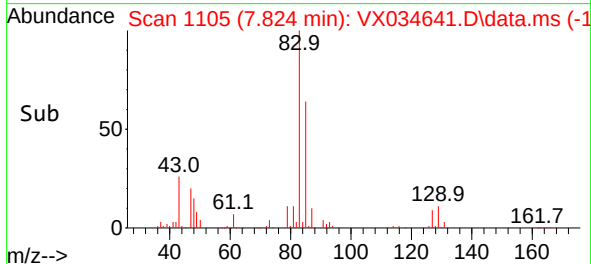
Instrument :
MSVOA_X
ClientSampleId :
031023-3



Tgt Ion: 83 Resp: 93368
Ion Ratio Lower Upper
83 100
85 63.9 52.2 78.4
127 9.1 6.6 9.8

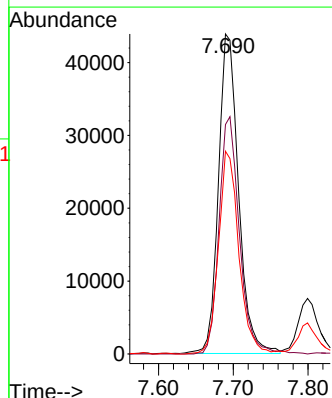
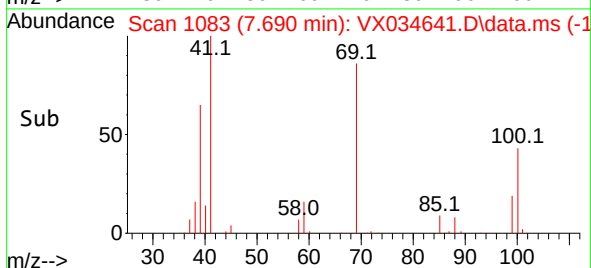
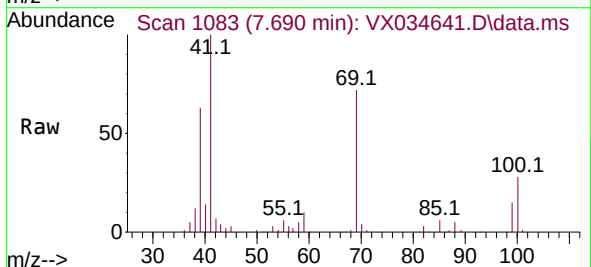
Manual Integrations
APPROVED

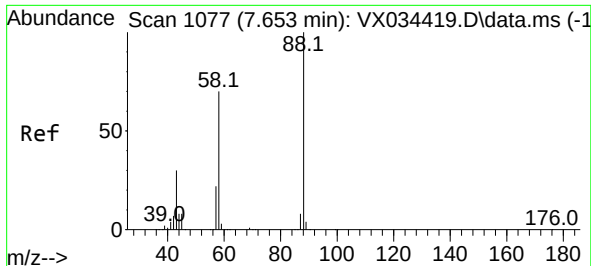
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#48
Methyl methacrylate
Concen: 10.557 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

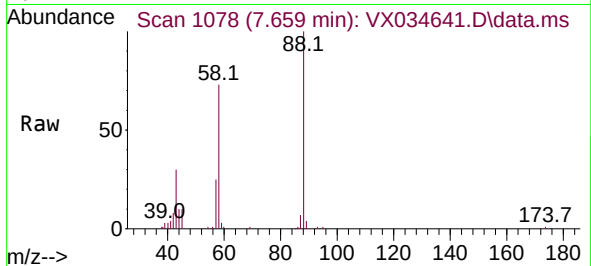
Tgt Ion: 41 Resp: 82328
Ion Ratio Lower Upper
41 100
69 75.3 62.2 93.4
39 64.5 47.7 71.5





#49
1,4-Dioxane
Concen: 216.743 ug/l
RT: 7.659 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

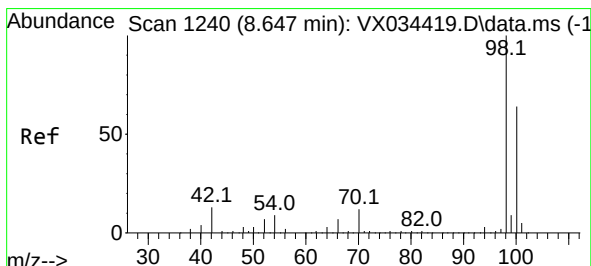
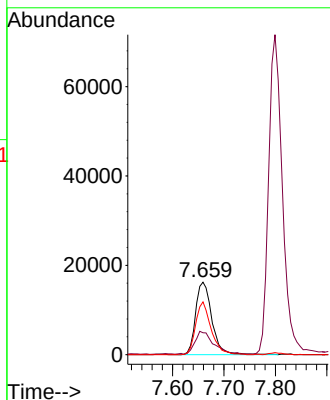
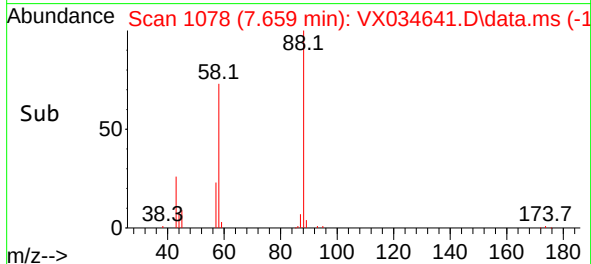
Instrument :
MSVOA_X
ClientSampleId :
031023-3



Tgt Ion: 88 Resp: 3550
Ion Ratio Lower Upper
88 100
43 35.6 27.7 41.5
58 69.4 56.8 85.2

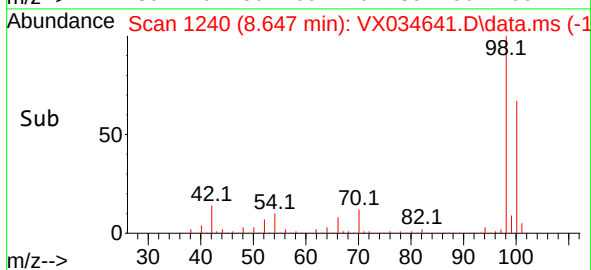
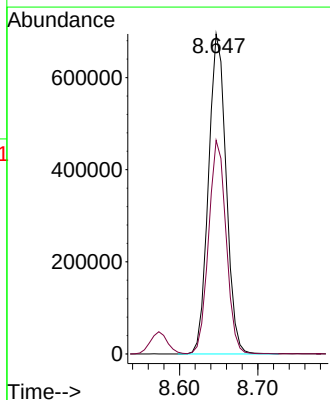
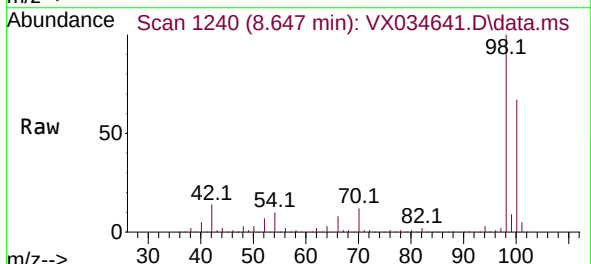
Manual Integrations
APPROVED

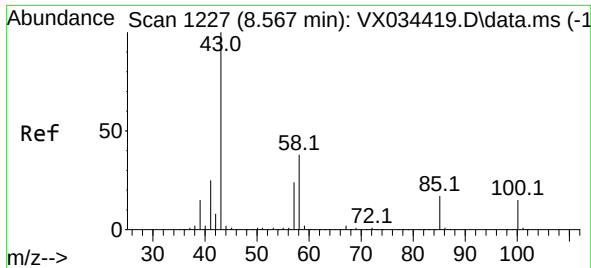
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#50
Toluene-d8
Concen: 51.004 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

Tgt Ion: 98 Resp: 1086071
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7





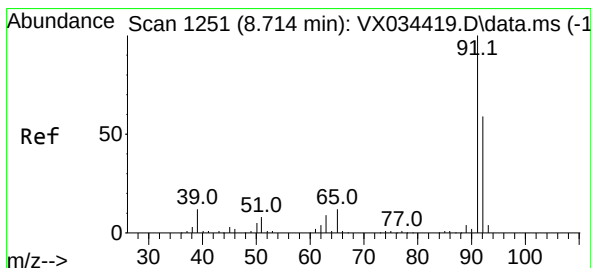
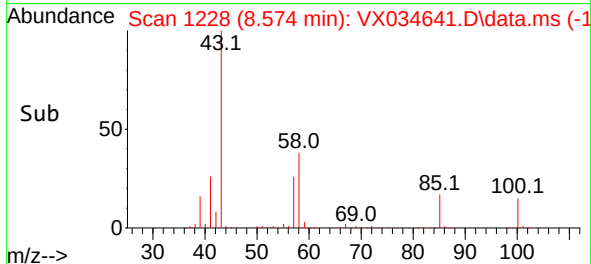
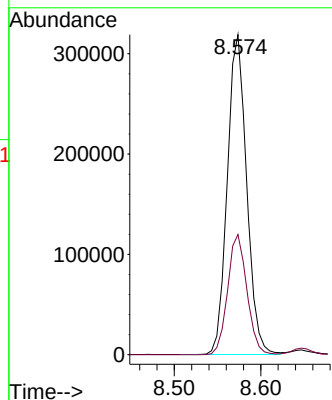
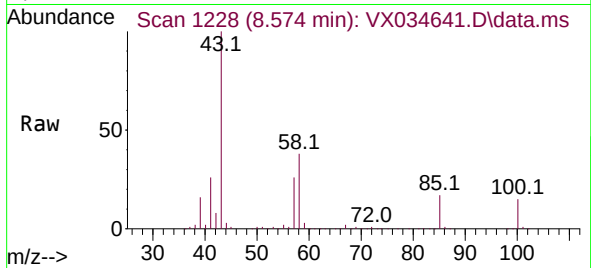
#51
4-Methyl-2-Pentanone
Concen: 52.577 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

Instrument :
MSVOA_X
ClientSampleId :
031023-3

Tgt Ion: 43 Resp: 49454
Ion Ratio Lower Upper
43 100
58 37.4 30.6 46.0

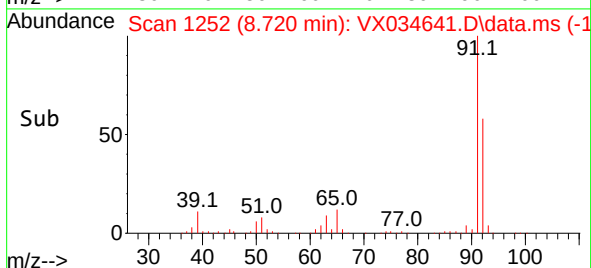
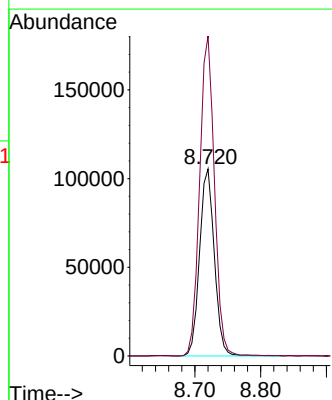
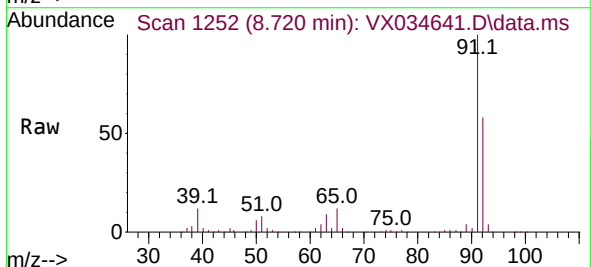
Manual Integrations
APPROVED

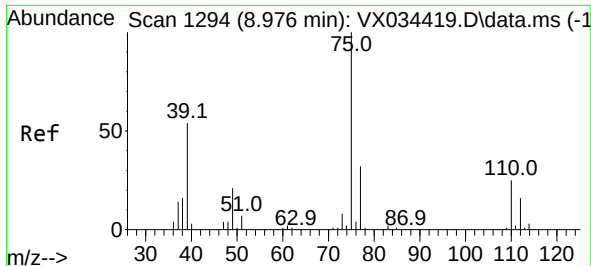
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#52
Toluene
Concen: 10.361 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

Tgt Ion: 92 Resp: 164397
Ion Ratio Lower Upper
92 100
91 171.5 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 9.449 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX034641.D

Acq: 20 Mar 2023 20:27

Instrument :

MSVOA_X

ClientSampleId :

031023-3

Tgt Ion: 75 Resp: 93730

Ion Ratio Lower Upper

75 100

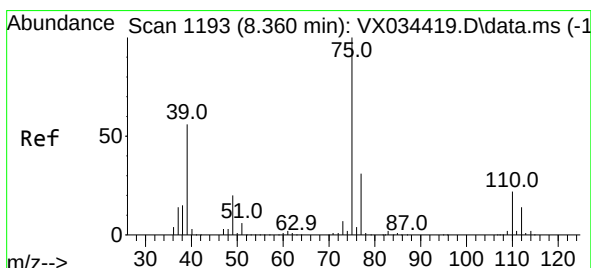
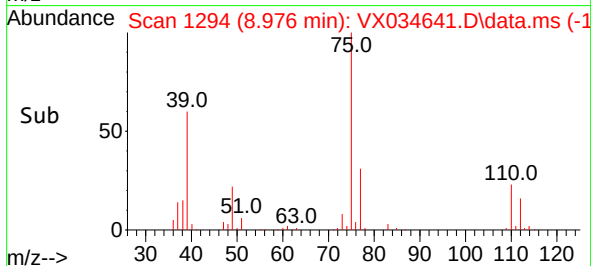
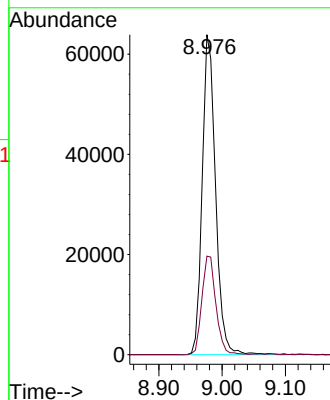
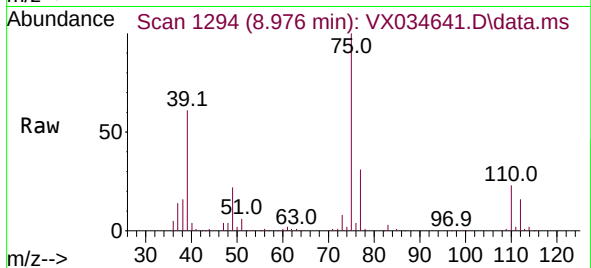
77 30.8 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#54

cis-1,3-Dichloropropene

Concen: 9.861 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX034641.D

Acq: 20 Mar 2023 20:27

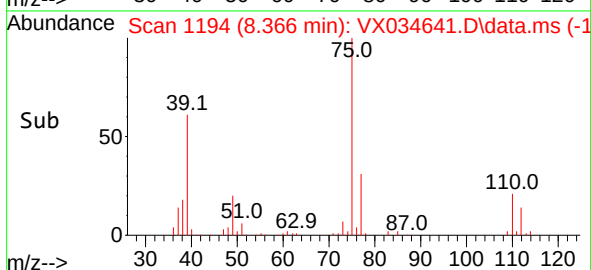
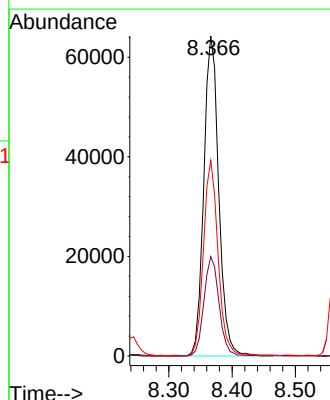
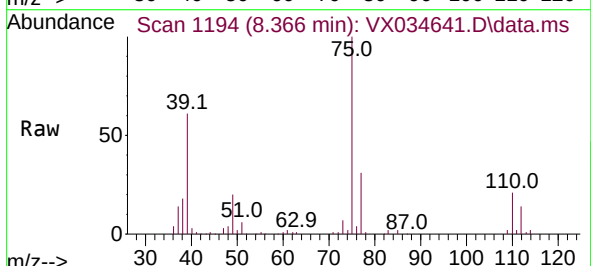
Tgt Ion: 75 Resp: 105835

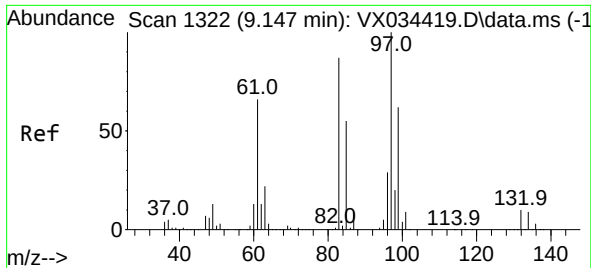
Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.4

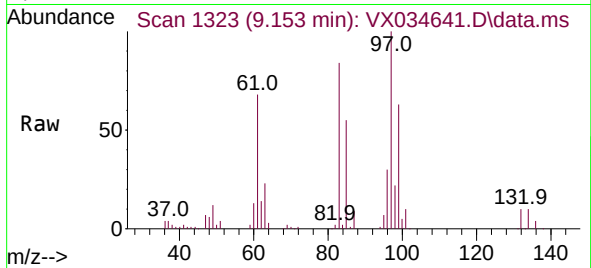
39 61.0 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 10.568 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

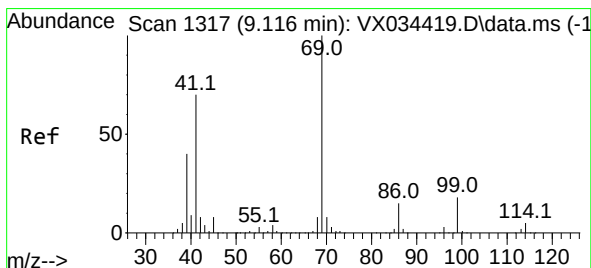
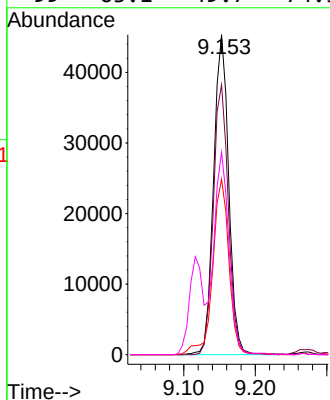
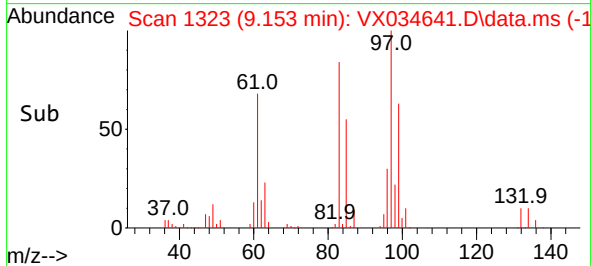
Instrument :
MSVOA_X
ClientSampleId :
031023-3



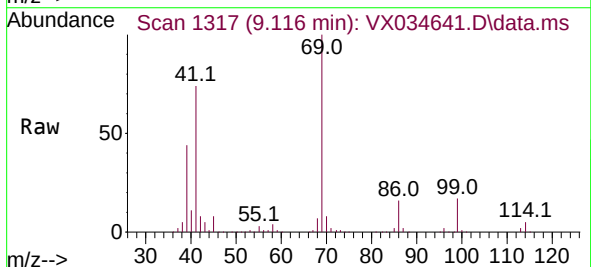
Tgt Ion: 97 Resp: 66550
Ion Ratio Lower Upper
97 100
83 84.3 69.7 104.5
85 54.9 43.7 65.5
99 63.1 49.7 74.5

Manual Integrations
APPROVED

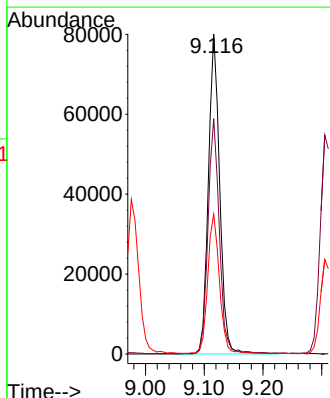
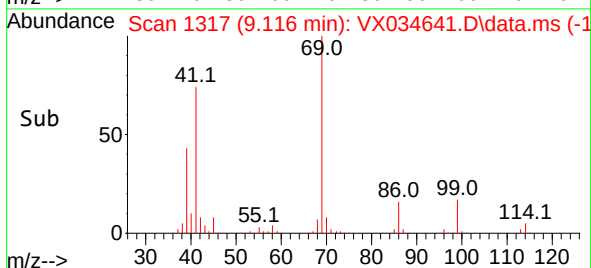
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

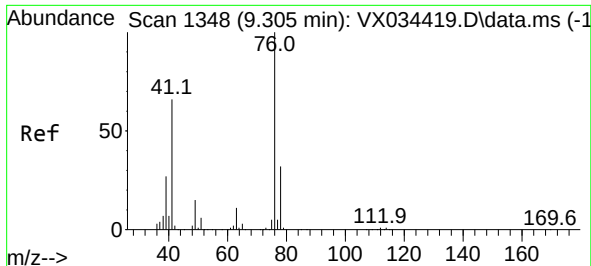


#56
Ethyl methacrylate
Concen: 10.400 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27



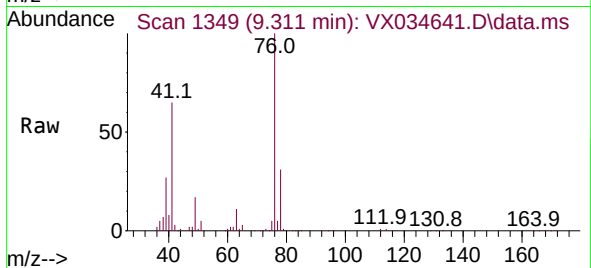
Tgt Ion: 69 Resp: 107531
Ion Ratio Lower Upper
69 100
41 74.0 57.4 86.0
39 45.3 33.7 50.5





#57
1,3-Dichloropropane
Concen: 10.540 ug/l
RT: 9.311 min Scan# 11796
Delta R.T. 0.006 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

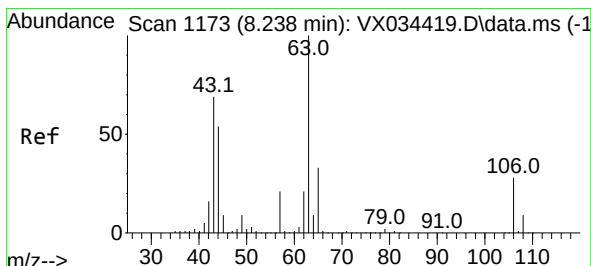
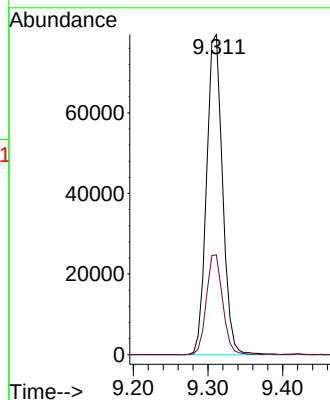
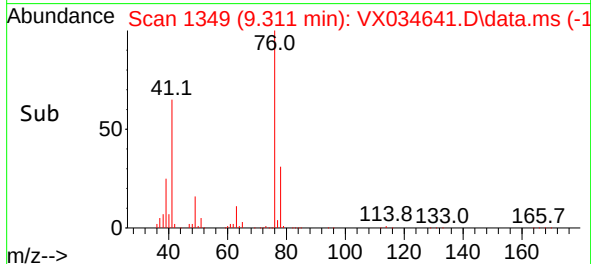
Instrument :
MSVOA_X
ClientSampleId :
031023-3



Tgt Ion: 76 Resp: 11796
Ion Ratio Lower Upper
76 100
78 31.8 25.8 38.8

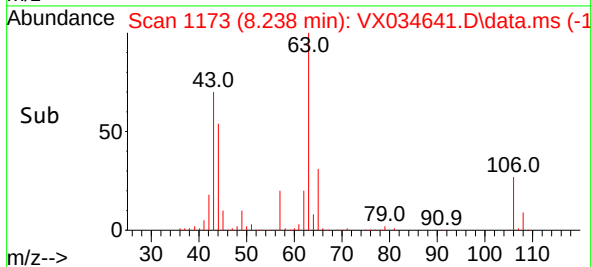
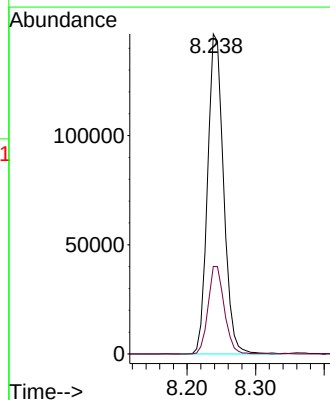
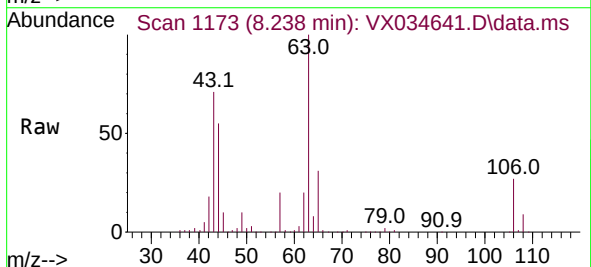
Manual Integrations
APPROVED

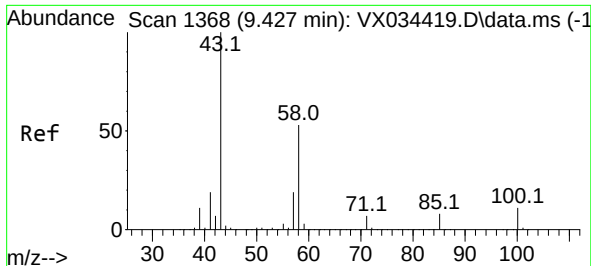
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#58
2-Chloroethyl Vinyl ether
Concen: 44.594 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

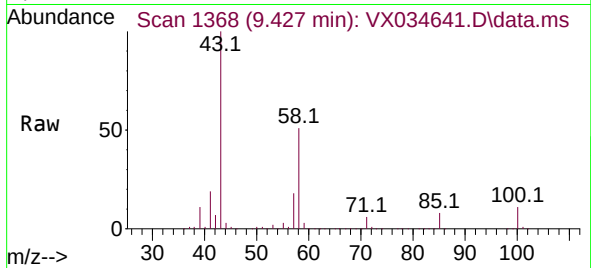
Tgt Ion: 63 Resp: 237618
Ion Ratio Lower Upper
63 100
106 27.7 22.2 33.2





#59
2-Hexanone
Concen: 51.720 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

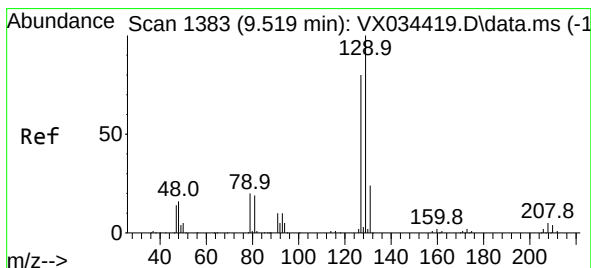
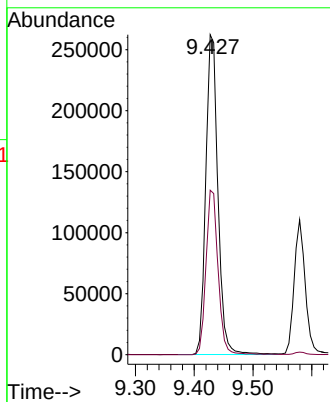
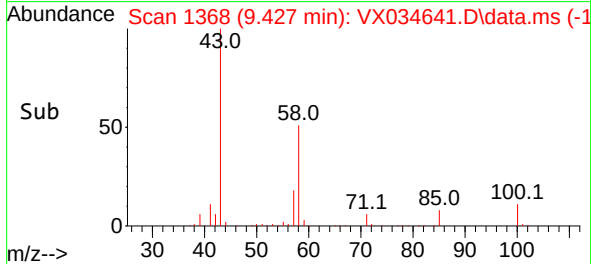
Instrument :
MSVOA_X
ClientSampleId :
031023-3



Tgt Ion: 43 Resp: 376062
Ion Ratio Lower Upper
43 100
58 51.4 26.3 78.9

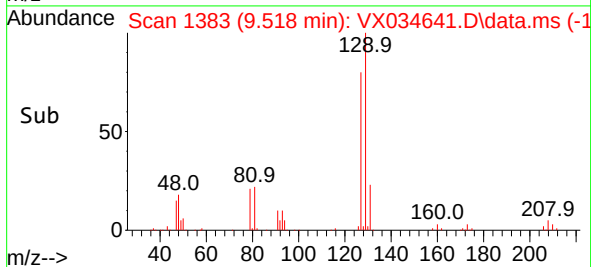
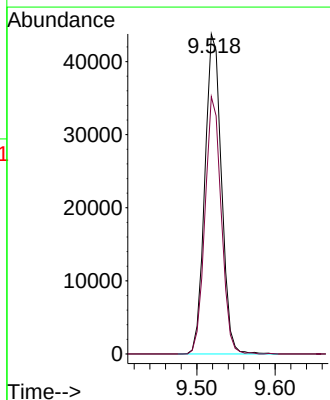
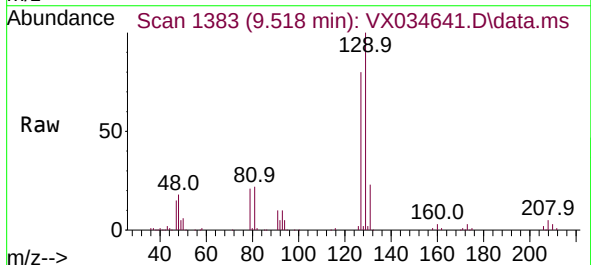
Manual Integrations
APPROVED

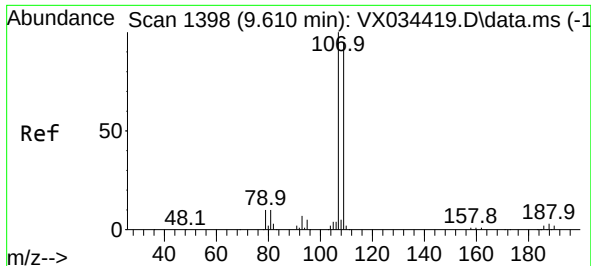
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#60
Dibromochloromethane
Concen: 9.720 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

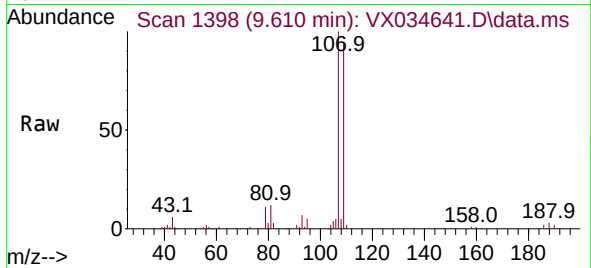
Tgt Ion:129 Resp: 64198
Ion Ratio Lower Upper
129 100
127 78.8 39.0 117.0





#61
1,2-Dibromoethane
Concen: 10.332 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

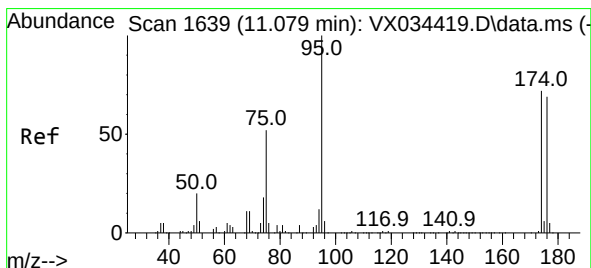
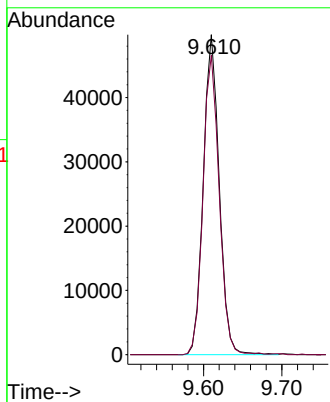
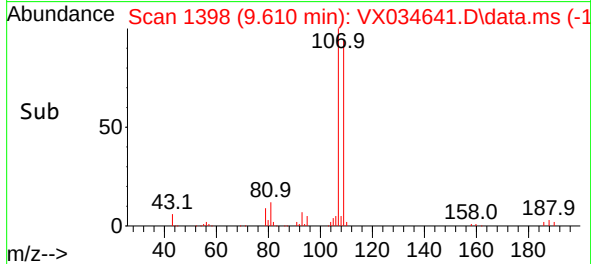
Instrument :
MSVOA_X
ClientSampleId :
031023-3



Tgt Ion:107 Resp: 7021
Ion Ratio Lower Upper
107 100
109 95.1 75.3 112.9

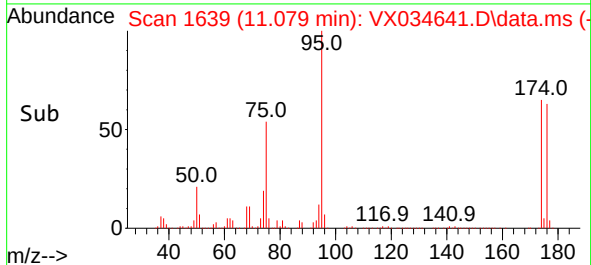
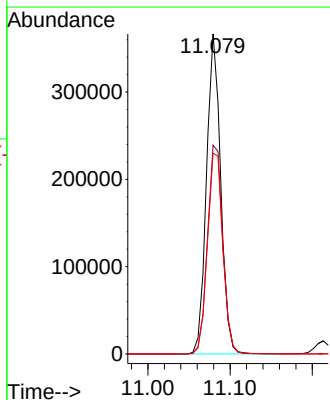
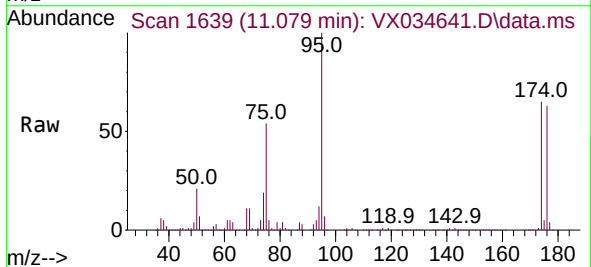
Manual Integrations
APPROVED

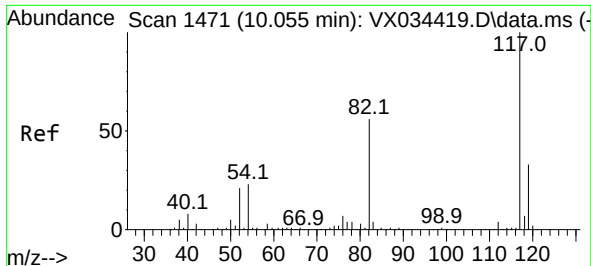
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#62
4-Bromofluorobenzene
Concen: 50.977 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

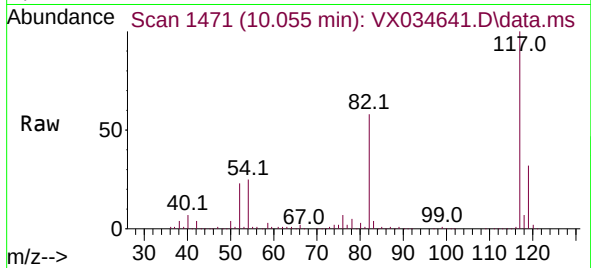
Tgt Ion: 95 Resp: 438457
Ion Ratio Lower Upper
95 100
174 70.5 0.0 147.4
176 68.1 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

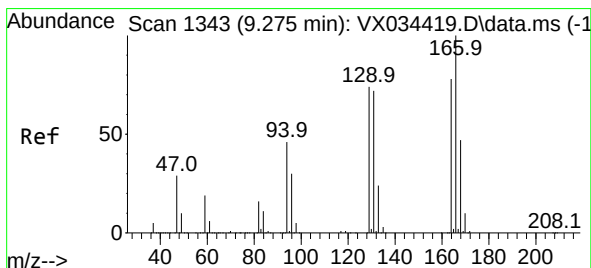
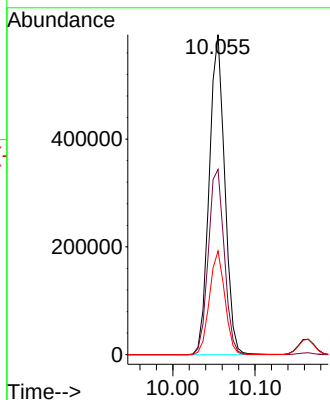
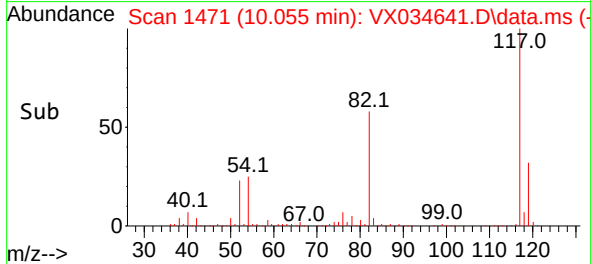
Instrument :
MSVOA_X
ClientSampleId :
031023-3



Tgt Ion:117 Resp: 778518
Ion Ratio Lower Upper
117 100
82 57.9 45.0 67.4
119 32.4 26.0 39.0

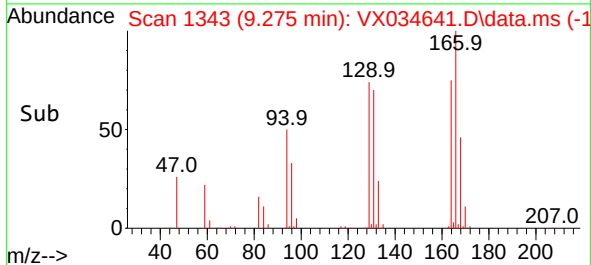
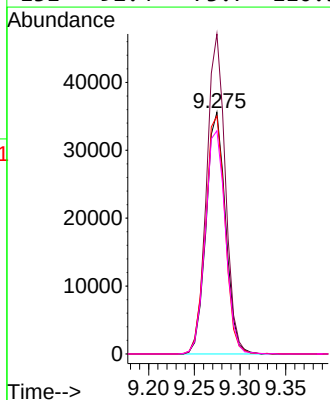
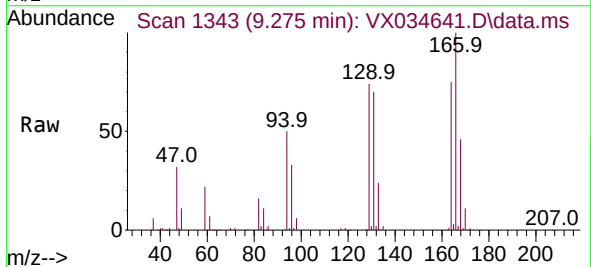
Manual Integrations
APPROVED

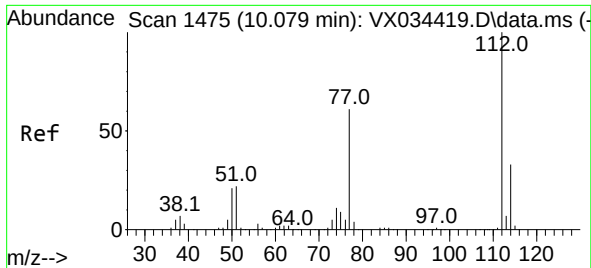
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#64
Tetrachloroethene
Concen: 10.028 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

Tgt Ion:164 Resp: 52443
Ion Ratio Lower Upper
164 100
166 132.5 102.7 154.1
129 98.5 75.6 113.4
131 92.4 73.7 110.5





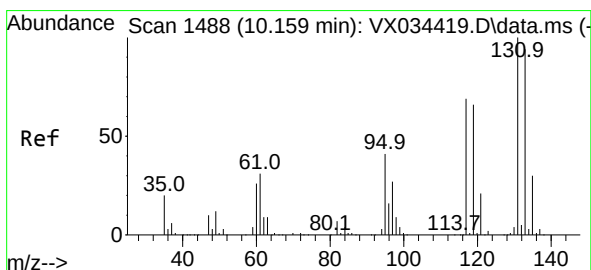
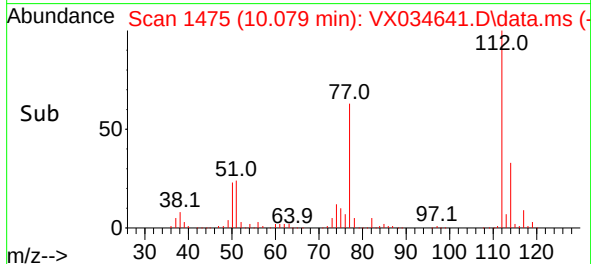
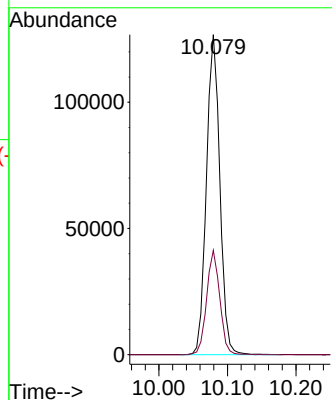
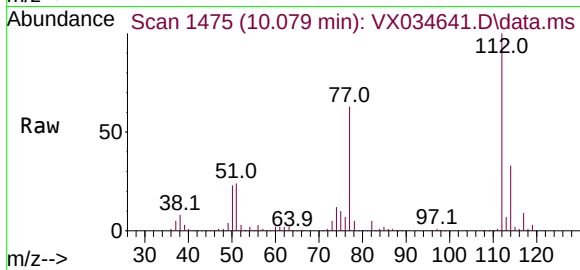
#65
Chlorobenzene
Concen: 10.111 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

Instrument :
MSVOA_X
ClientSampleId :
031023-3

Tgt Ion:112 Resp: 17271
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.2

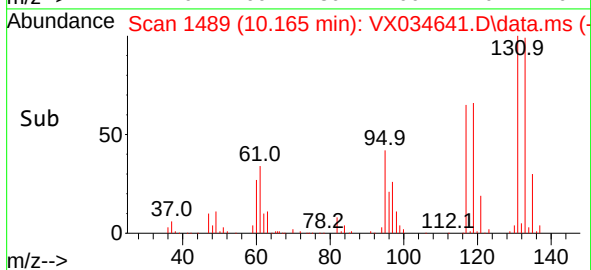
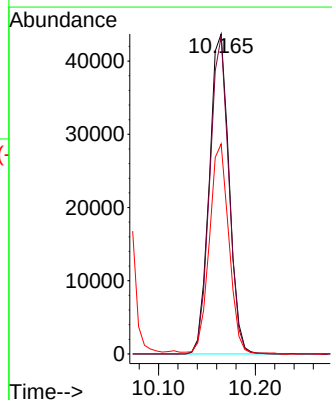
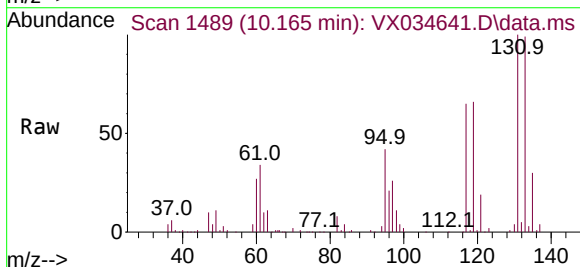
Manual Integrations
APPROVED

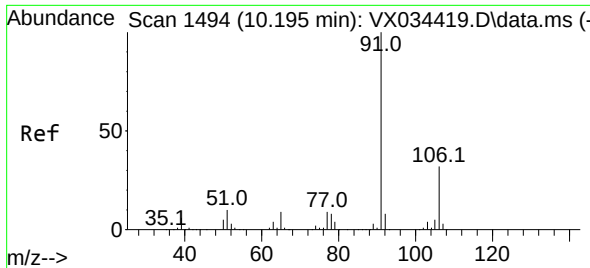
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 9.978 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

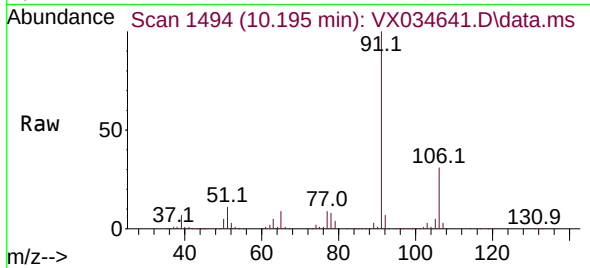
Tgt Ion:131 Resp: 62077
Ion Ratio Lower Upper
131 100
133 95.5 47.1 141.4
119 65.0 32.6 98.0





#67
Ethyl Benzene
Concen: 10.433 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

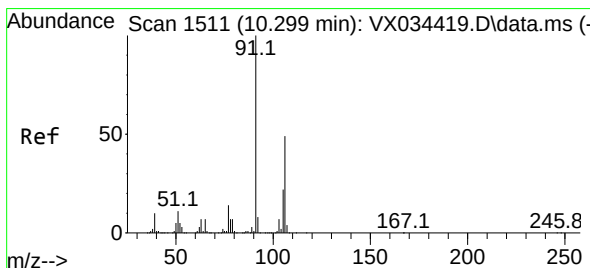
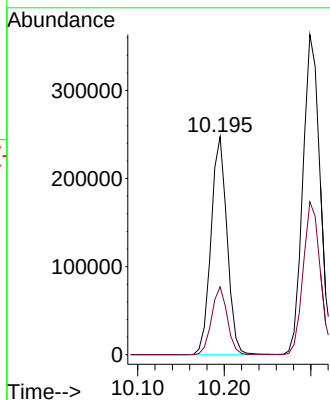
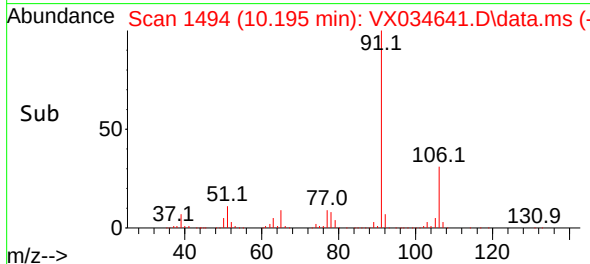
Instrument :
MSVOA_X
ClientSampleId :
031023-3



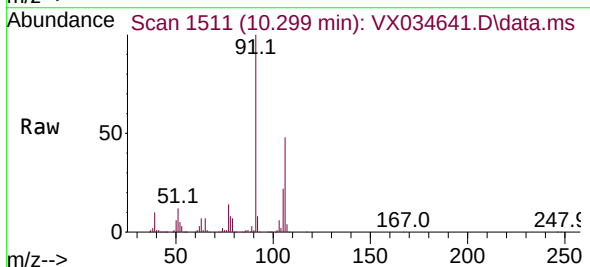
Tgt Ion: 91 Resp: 31902
Ion Ratio Lower Upper
91 100
106 31.1 25.6 38.4

Manual Integrations
APPROVED

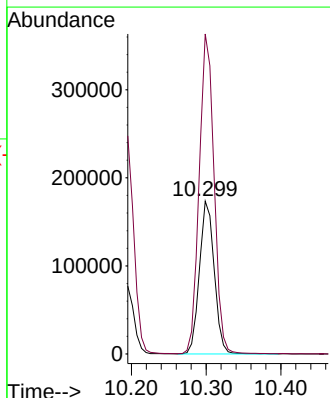
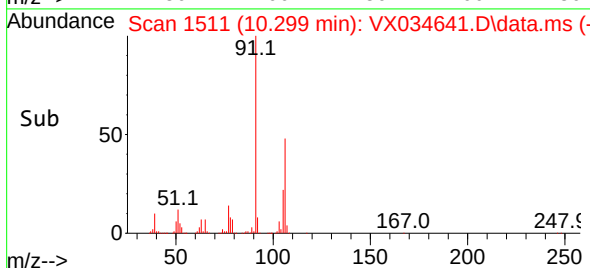
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

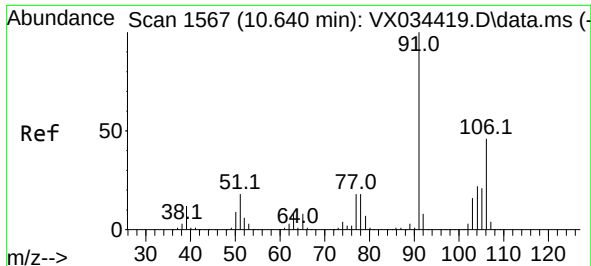


#68
m/p-Xylenes
Concen: 20.276 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27



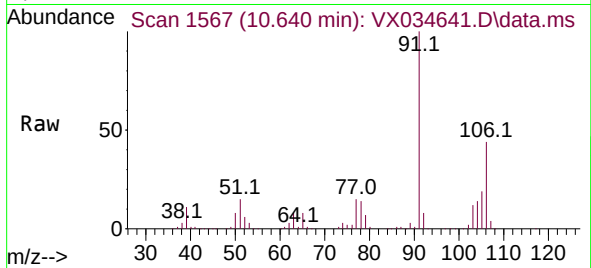
Tgt Ion:106 Resp: 238185
Ion Ratio Lower Upper
106 100
91 210.4 164.0 246.0





#69
o-Xylene
Concen: 10.084 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

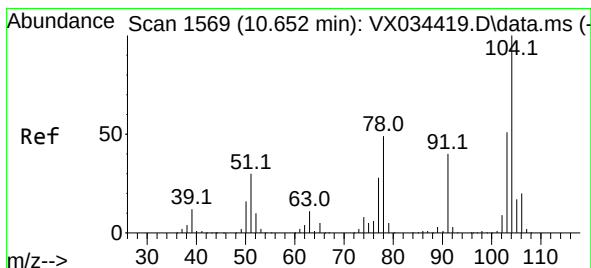
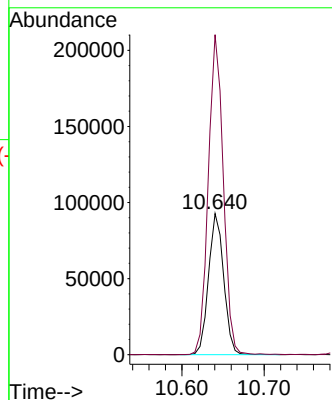
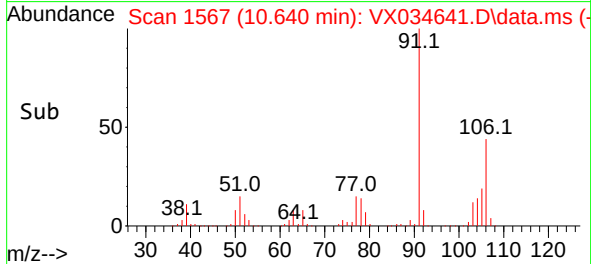
Instrument :
MSVOA_X
ClientSampleId :
031023-3



Tgt Ion:106 Resp: 118870
Ion Ratio Lower Upper
106 100
91 224.1 108.5 325.3

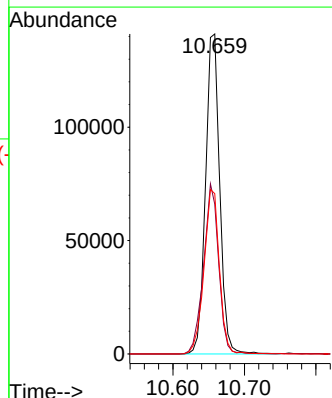
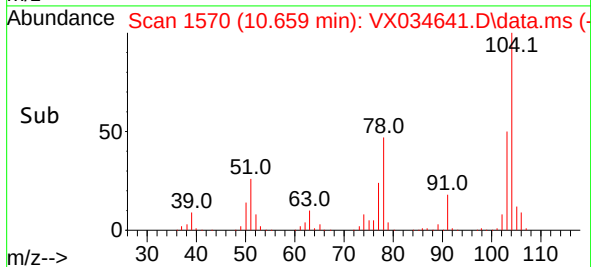
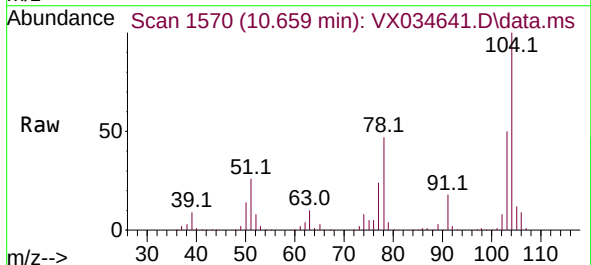
Manual Integrations
APPROVED

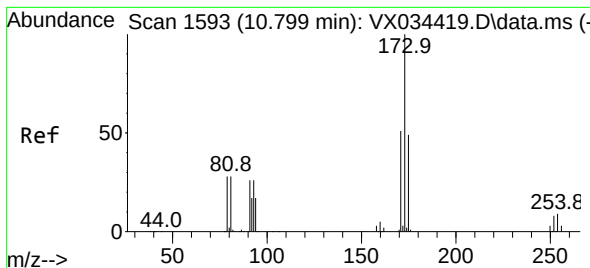
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#70
Styrene
Concen: 10.236 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

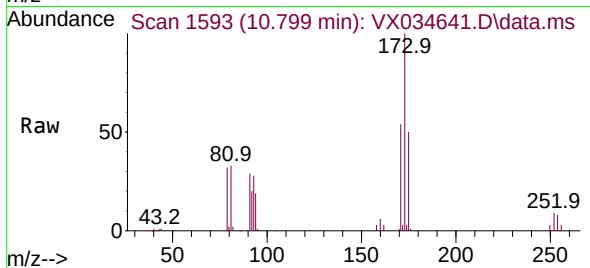
Tgt Ion:104 Resp: 194684
Ion Ratio Lower Upper
104 100
78 56.7 43.4 65.2
103 55.9 44.2 66.2





#71
Bromoform
Concen: 8.699 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

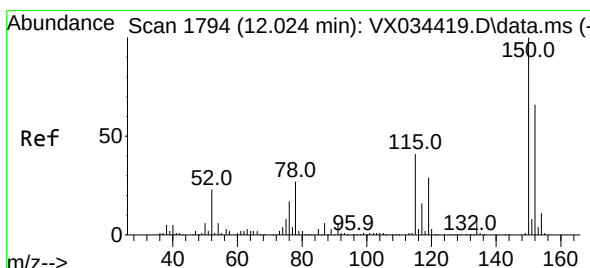
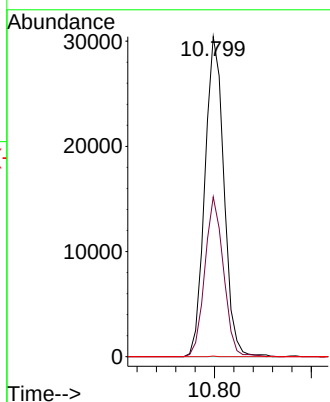
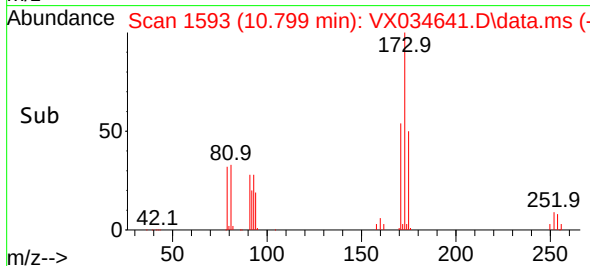
Instrument :
MSVOA_X
ClientSampleId :
031023-3



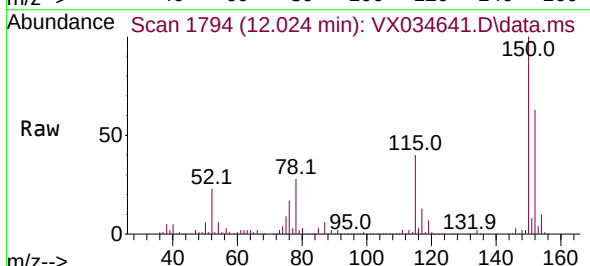
Tgt Ion:173 Resp: 41660
Ion Ratio Lower Upper
173 100
175 49.0 24.1 72.4
254 0.1 0.1 0.1

Manual Integrations
APPROVED

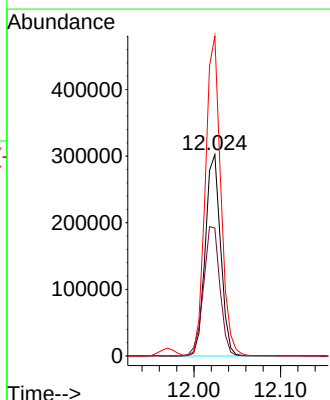
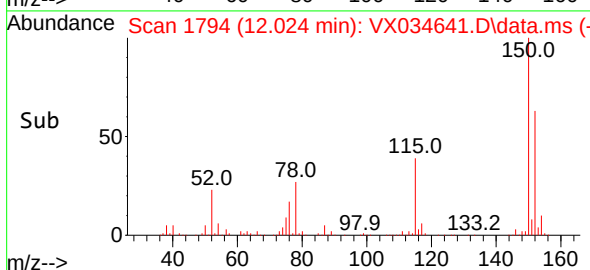
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

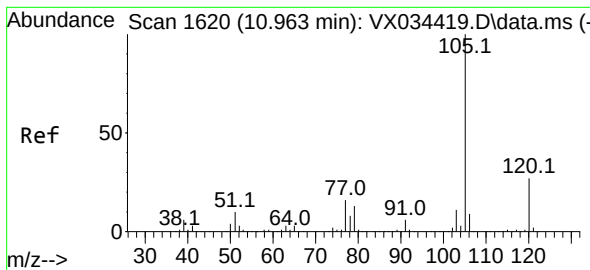


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27



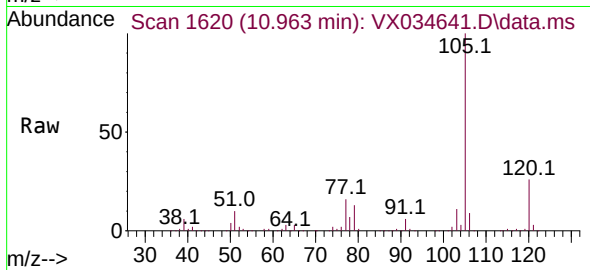
Tgt Ion:152 Resp: 369967
Ion Ratio Lower Upper
152 100
115 69.1 45.0 135.0
150 160.2 0.0 352.4





#73
Isopropylbenzene
Concen: 10.800 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

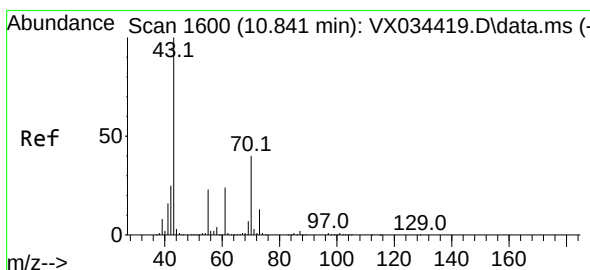
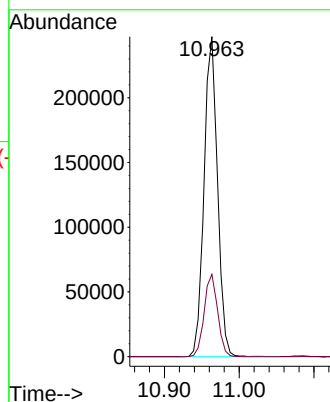
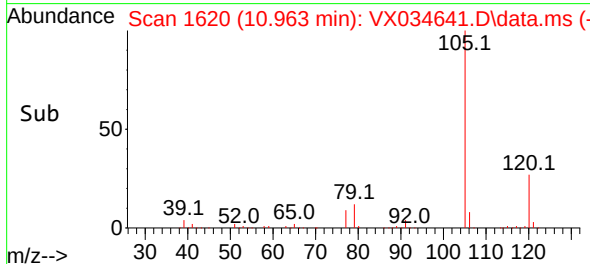
Instrument :
MSVOA_X
ClientSampleId :
031023-3



Tgt Ion:105 Resp: 30882
Ion Ratio Lower Upper
105 100
120 25.6 13.3 39.9

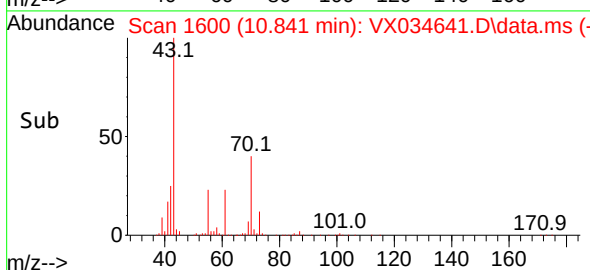
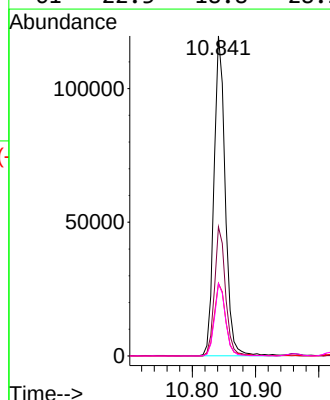
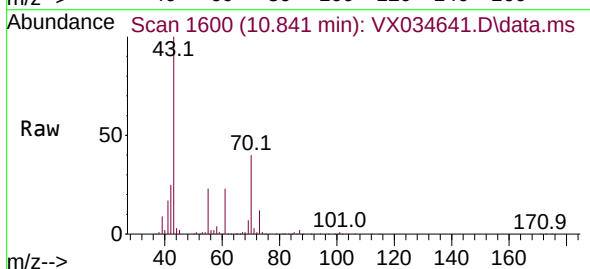
Manual Integrations
APPROVED

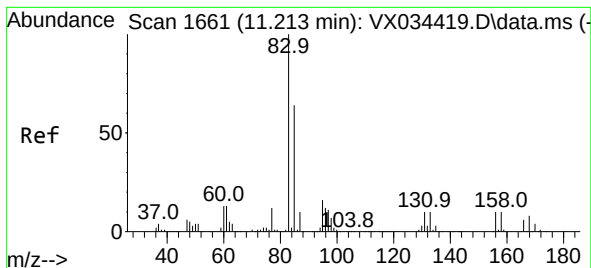
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#74
N-ethyl acetate
Concen: 10.822 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

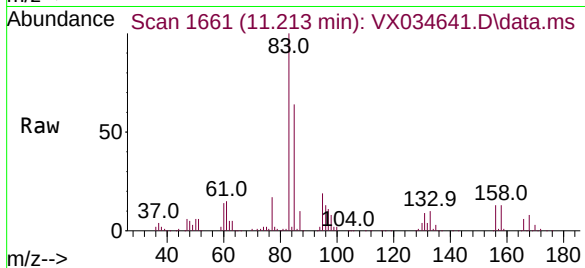
Tgt Ion: 43 Resp: 148217
Ion Ratio Lower Upper
43 100
70 39.6 32.1 48.1
55 23.3 18.3 27.5
61 22.3 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 10.823 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

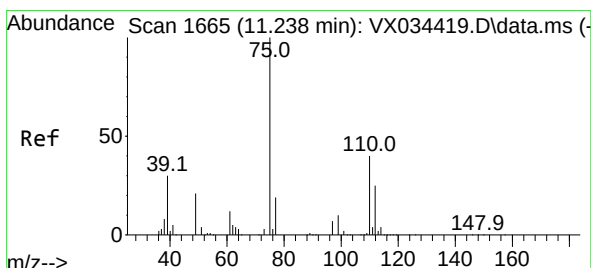
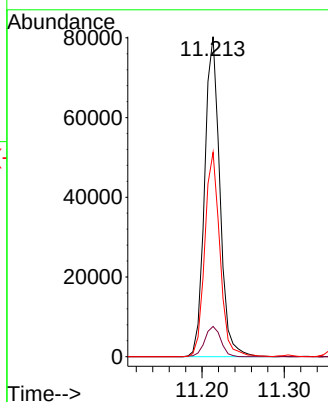
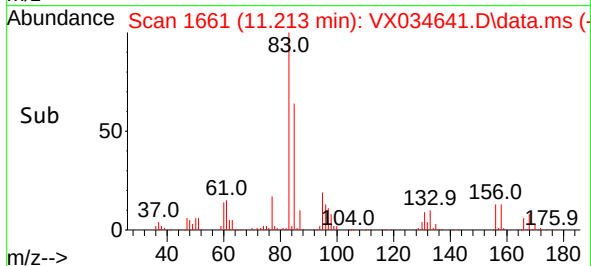
Instrument :
MSVOA_X
ClientSampleId :
031023-3



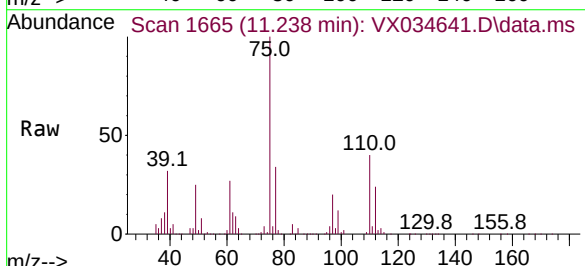
Tgt Ion: 83 Resp: 103260
Ion Ratio Lower Upper
83 100
131 10.0 4.8 14.3
85 63.4 32.0 96.0

Manual Integrations
APPROVED

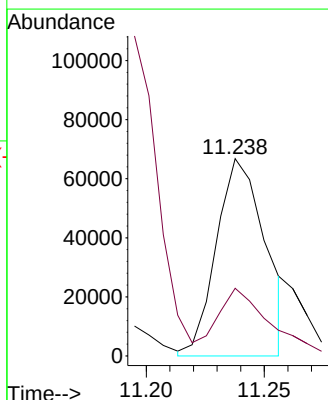
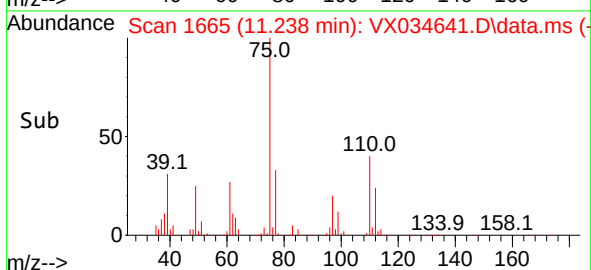
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

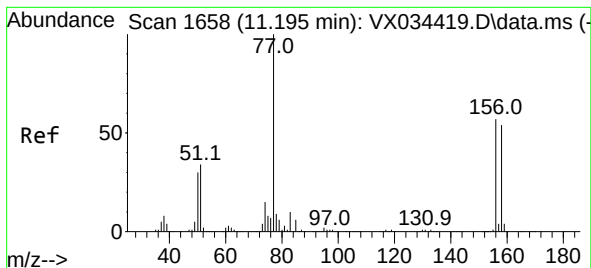


#76
1,2,3-Trichloropropane
Concen: 11.288 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27



Tgt Ion: 75 Resp: 95894
Ion Ratio Lower Upper
75 100
77 37.4 21.6 64.8





#77

Bromobenzene

Concen: 10.817 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX034641.D

Acq: 20 Mar 2023 20:27

Instrument :

MSVOA_X

ClientSampleId :

031023-3

Tgt Ion:156 Resp: 74210

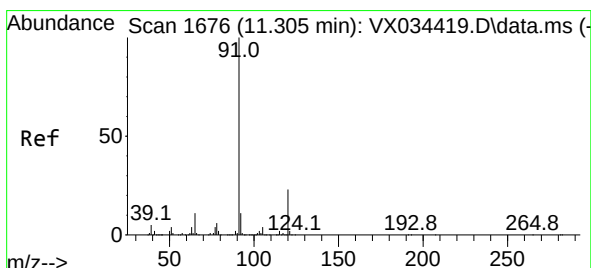
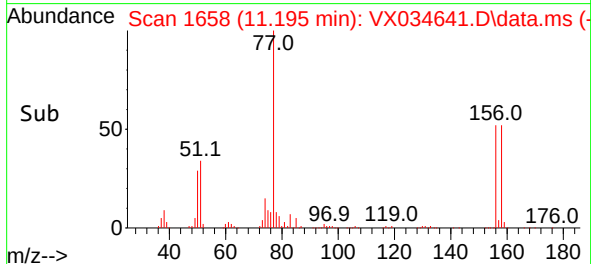
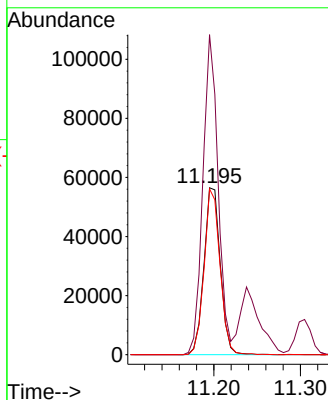
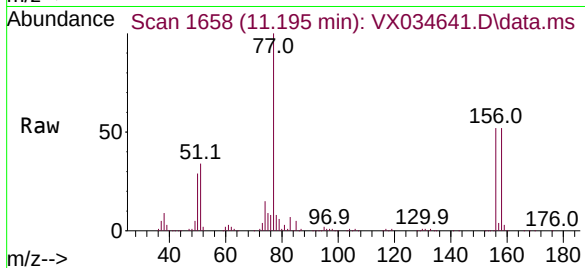
Ion	Ratio	Lower	Upper
156	100		
77	177.9	86.7	259.9
158	96.6	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#78

n-propylbenzene

Concen: 10.772 ug/l

RT: 11.305 min Scan# 1676

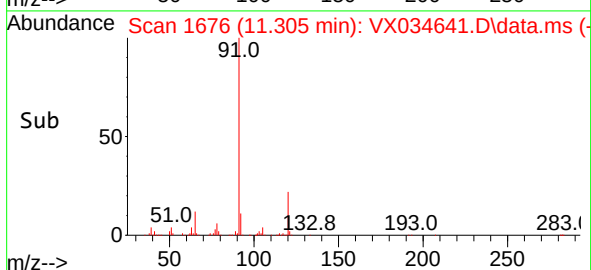
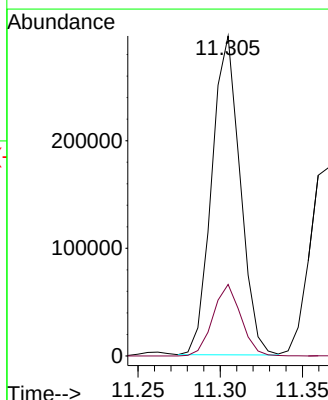
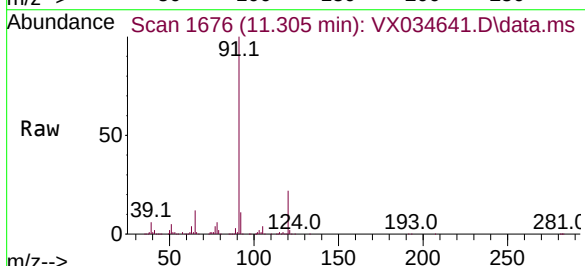
Delta R.T. -0.000 min

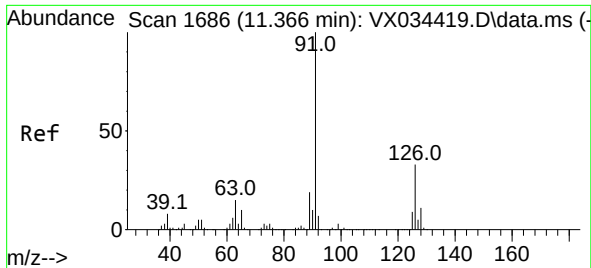
Lab File: VX034641.D

Acq: 20 Mar 2023 20:27

Tgt Ion: 91 Resp: 355727

Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.5	34.5





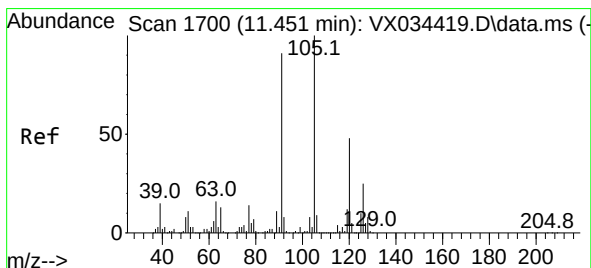
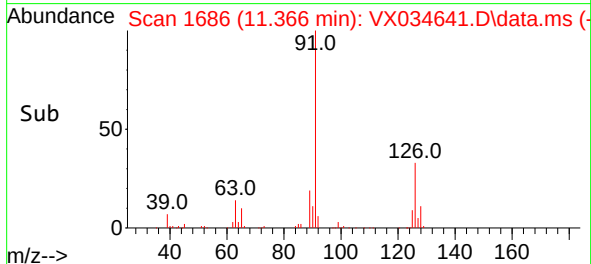
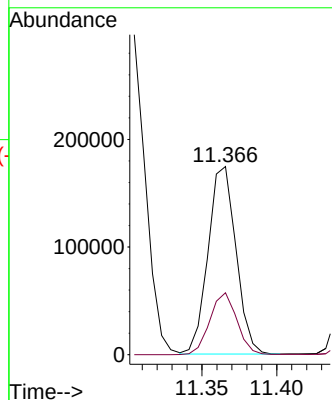
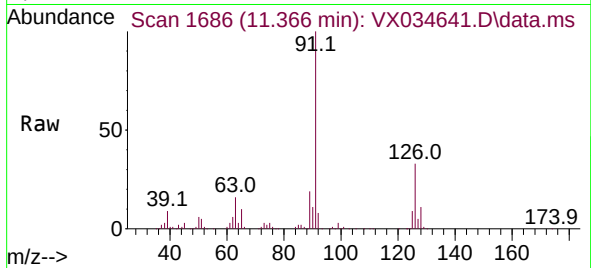
#79
2-Chlorotoluene
Concen: 11.104 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

Instrument :
MSVOA_X
ClientSampleId :
031023-3

Tgt Ion: 91 Resp: 22645
Ion Ratio Lower Upper
91 100
126 32.1 16.3 48.9

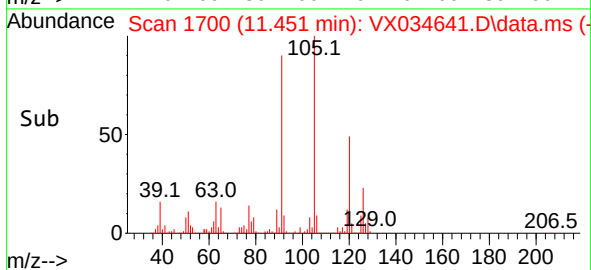
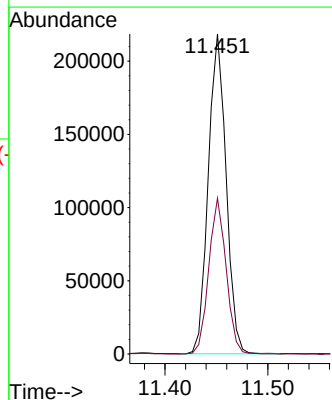
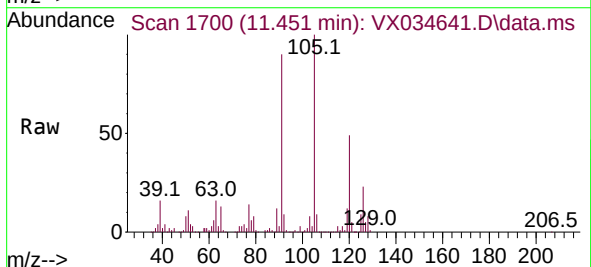
Manual Integrations
APPROVED

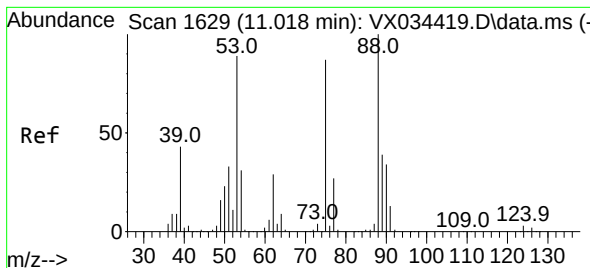
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#80
1,3,5-Trimethylbenzene
Concen: 10.970 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

Tgt Ion:105 Resp: 263099
Ion Ratio Lower Upper
105 100
120 47.5 23.7 71.1





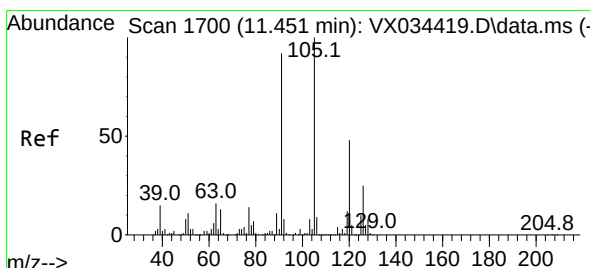
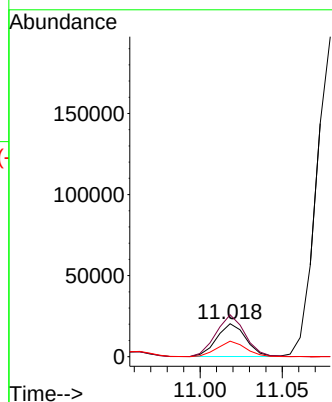
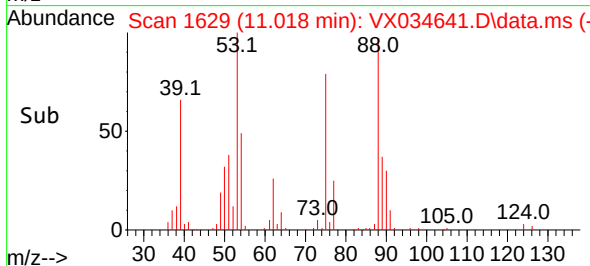
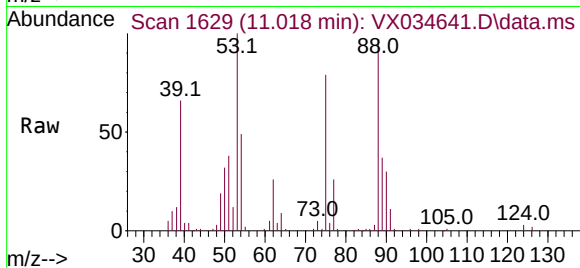
#81
trans-1,4-Dichloro-2-butene
Concen: 7.959 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

Instrument :
MSVOA_X
ClientSampleId :
031023-3

Tgt Ion: 75 Resp: 2499
Ion Ratio Lower Upper
75 100
53 127.3 82.6 124.0
89 46.1 36.9 55.3

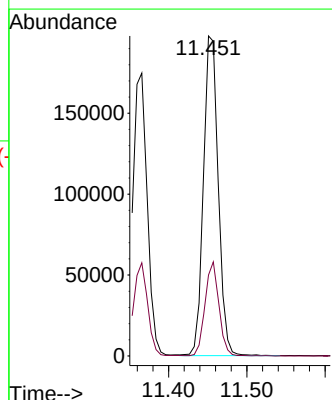
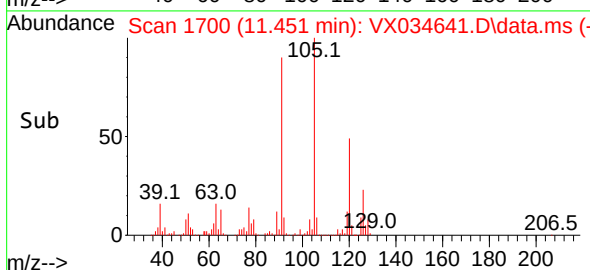
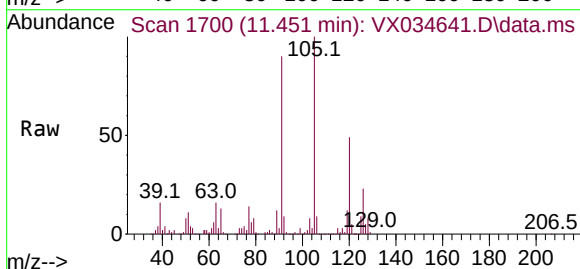
Manual Integrations
APPROVED

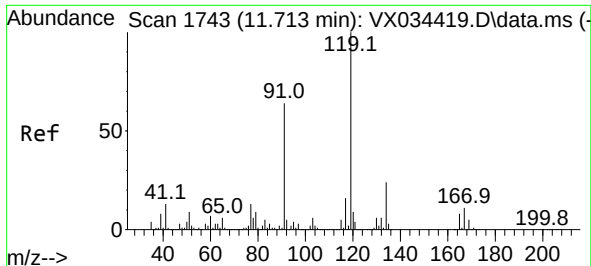
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#82
4-Chlorotoluene
Concen: 11.038 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

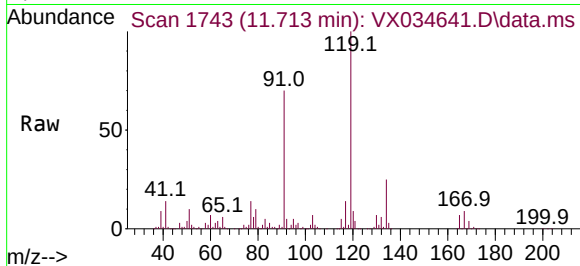
Tgt Ion: 91 Resp: 259313
Ion Ratio Lower Upper
91 100
126 27.4 14.2 42.6





#83
tert-Butylbenzene
Concen: 10.369 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

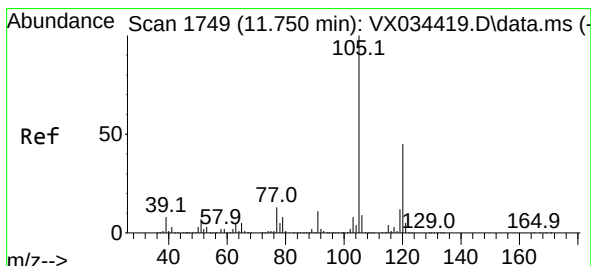
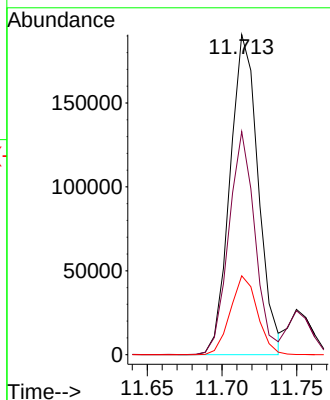
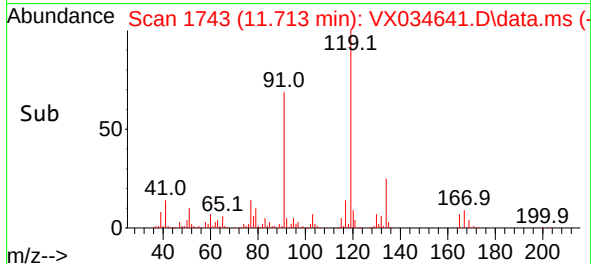
Instrument :
MSVOA_X
ClientSampleId :
031023-3



Tgt Ion:119 Resp: 25074
Ion Ratio Lower Upper
119 100
91 64.7 30.6 92.0
134 23.6 11.8 35.4

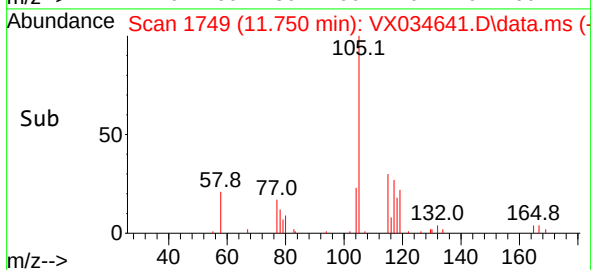
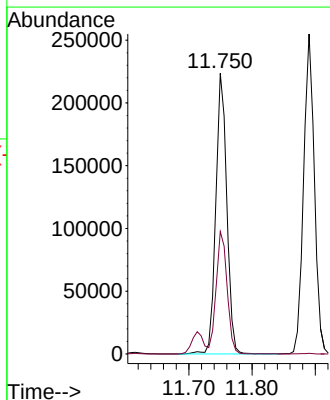
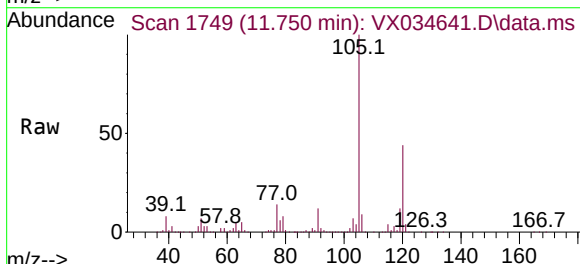
Manual Integrations
APPROVED

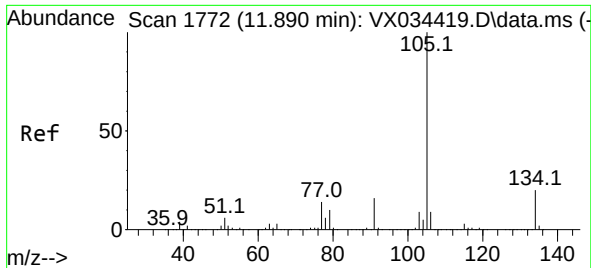
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#84
1,2,4-Trimethylbenzene
Concen: 10.961 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

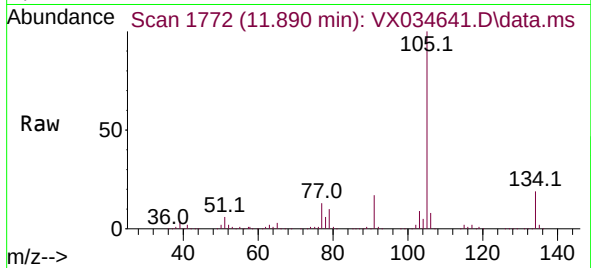
Tgt Ion:105 Resp: 268669
Ion Ratio Lower Upper
105 100
120 43.2 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 10.100 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX034641.D
 Acq: 20 Mar 2023 20:27

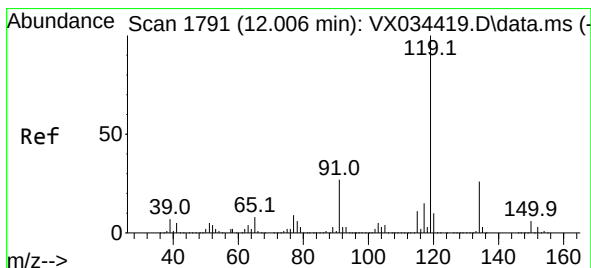
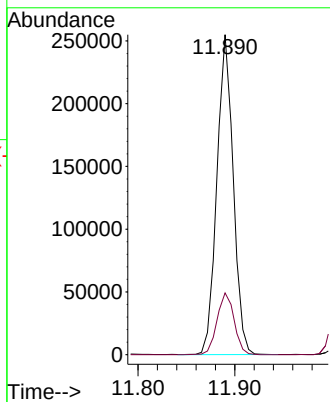
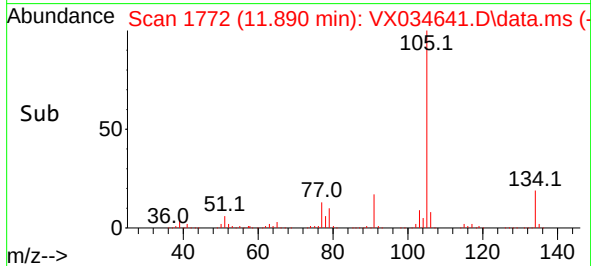
Instrument :
 MSVOA_X
 ClientSampleId :
 031023-3



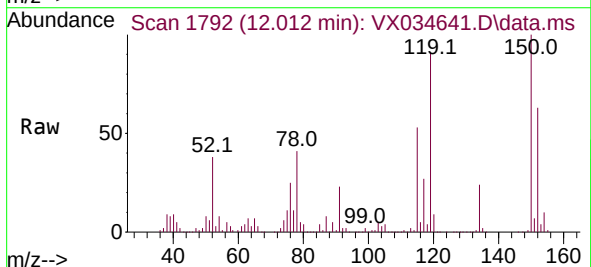
Tgt Ion:105 Resp: 29858
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.4

Manual Integrations
 APPROVED

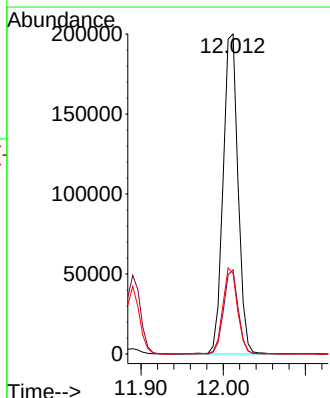
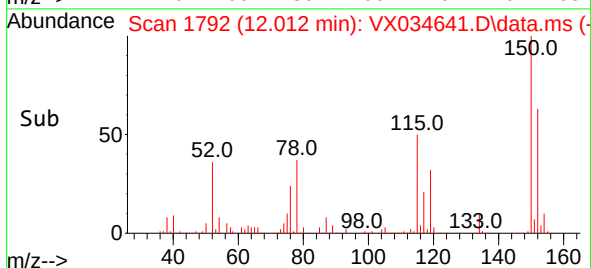
Reviewed By :John Carlone 03/21/2023
 Supervised By :Mahesh Dadoda 03/21/2023

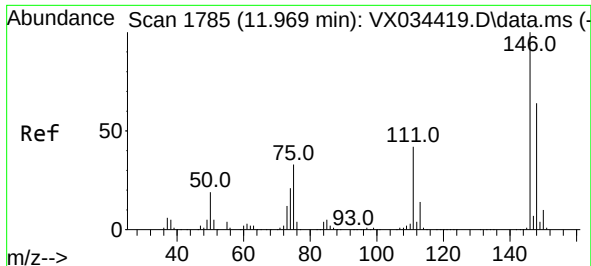


#86
 p-Isopropyltoluene
 Concen: 10.138 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX034641.D
 Acq: 20 Mar 2023 20:27



Tgt Ion:119 Resp: 251899
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.2 39.5
 91 26.7 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 10.173 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX034641.D

Acq: 20 Mar 2023 20:27

Instrument :

MSVOA_X

ClientSampleId :

031023-3

Tgt Ion:146 Resp: 13674

Ion Ratio Lower Upper

146 100

111 43.0 20.9 62.8

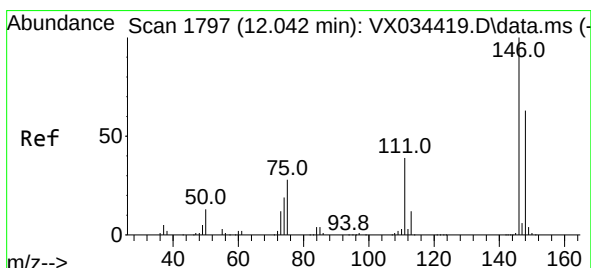
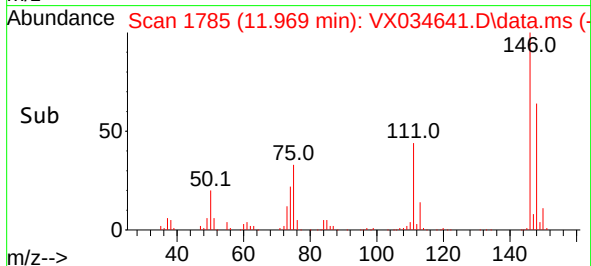
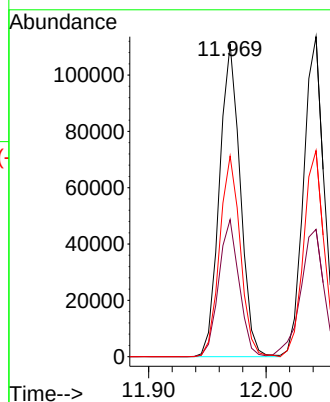
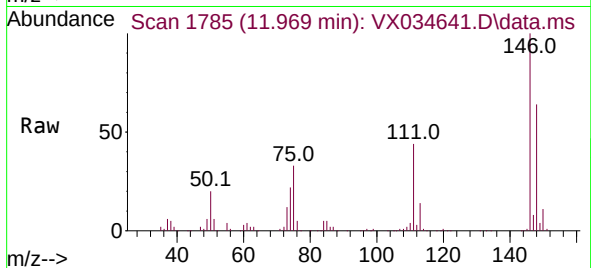
148 63.7 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#88

1,4-Dichlorobenzene

Concen: 10.129 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX034641.D

Acq: 20 Mar 2023 20:27

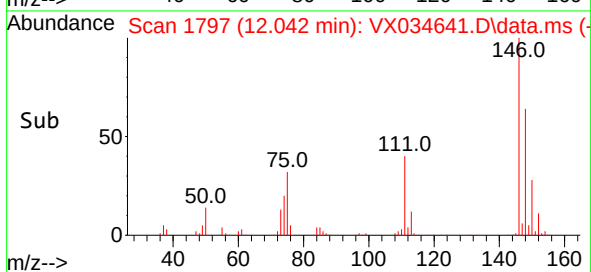
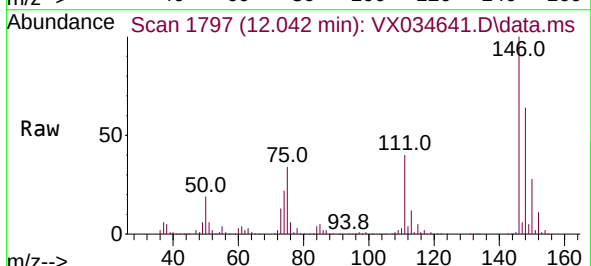
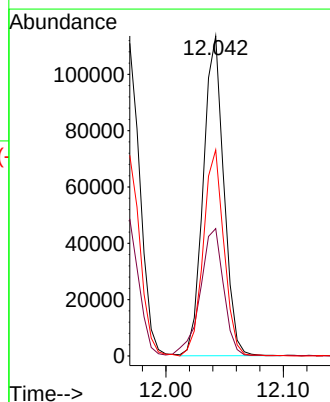
Tgt Ion:146 Resp: 137670

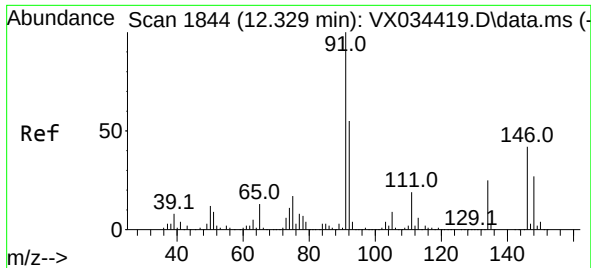
Ion Ratio Lower Upper

146 100

111 45.0 20.6 61.9

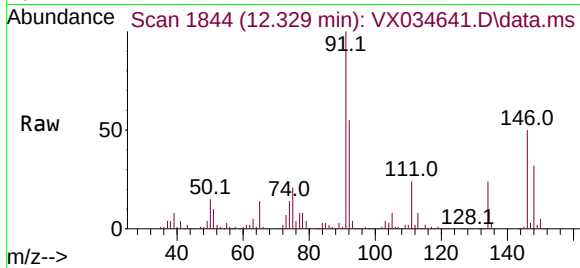
148 64.9 31.8 95.4





#89
n-Butylbenzene
Concen: 9.820 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

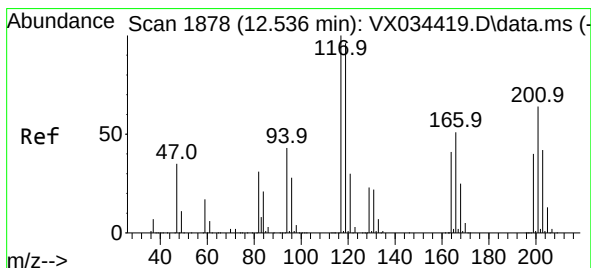
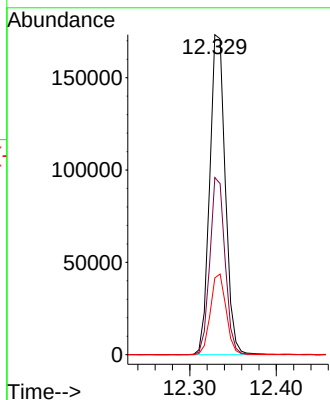
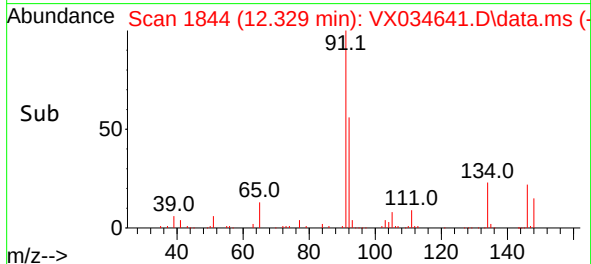
Instrument :
MSVOA_X
ClientSampleId :
031023-3



Tgt Ion: 91 Resp: 21690
Ion Ratio Lower Upper
91 100
92 54.2 27.7 83.0
134 25.4 13.0 38.9

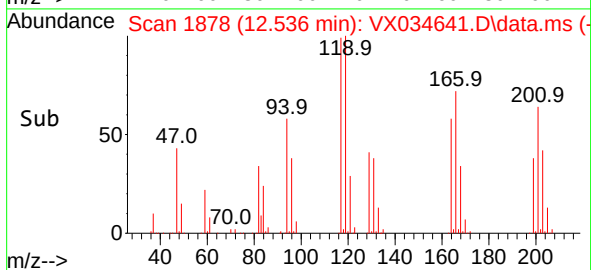
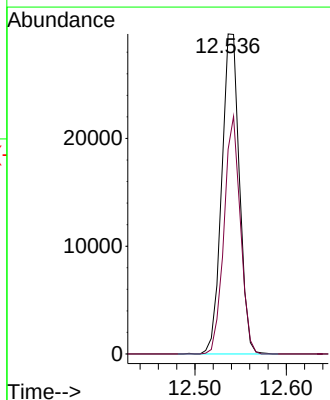
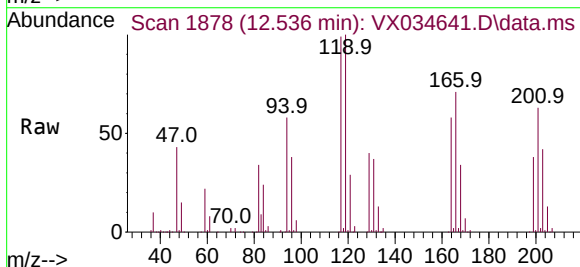
Manual Integrations
APPROVED

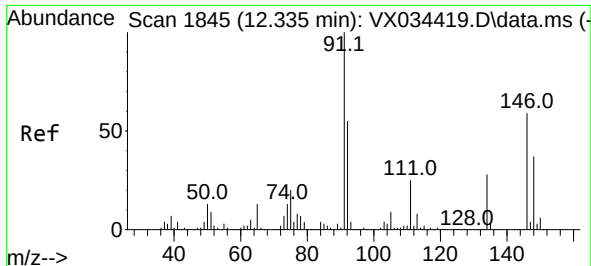
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#90
Hexachloroethane
Concen: 8.707 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

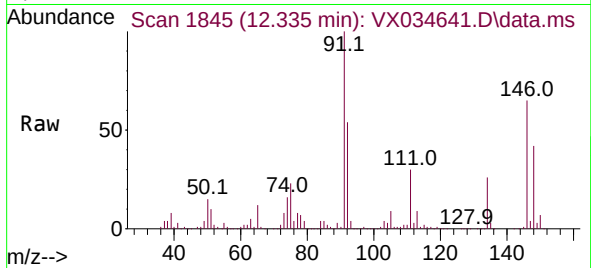
Tgt Ion:117 Resp: 40032
Ion Ratio Lower Upper
117 100
201 68.6 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 10.787 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

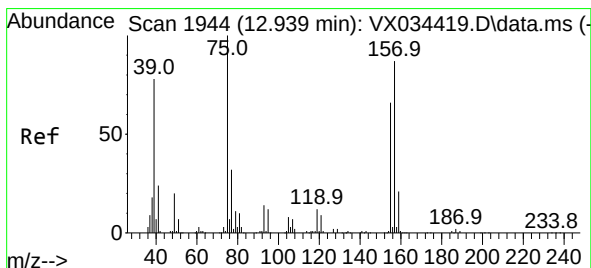
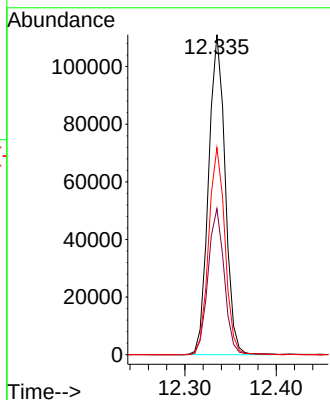
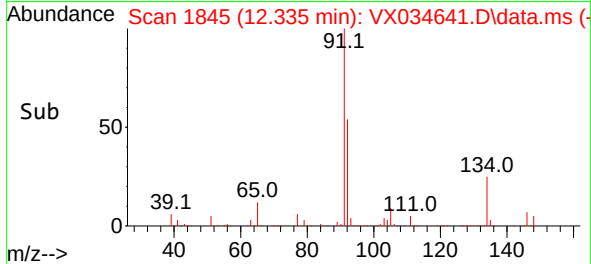
Instrument :
MSVOA_X
ClientSampleId :
031023-3



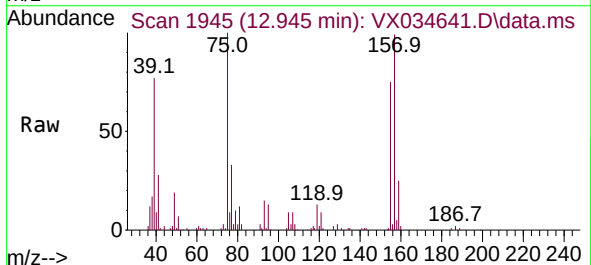
Tgt Ion:146 Resp: 140120
Ion Ratio Lower Upper
146 100
111 44.6 22.0 66.0
148 63.5 32.0 96.0

Manual Integrations
APPROVED

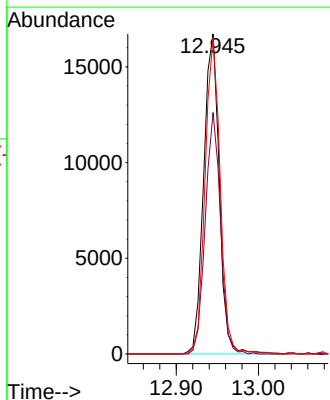
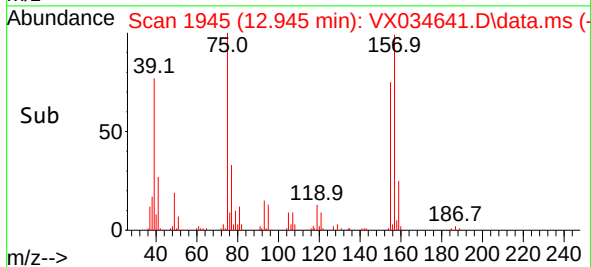
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

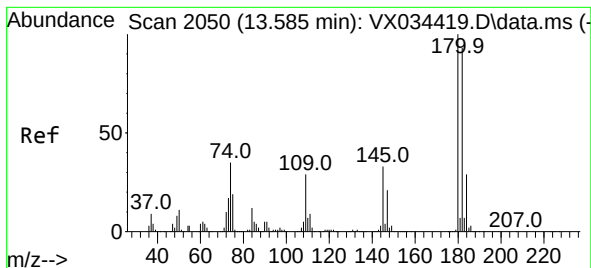


#92
1,2-Dibromo-3-Chloropropane
Concen: 10.162 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27



Tgt Ion: 75 Resp: 22029
Ion Ratio Lower Upper
75 100
155 73.2 38.4 115.1
157 96.2 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 9.480 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX034641.D

Acq: 20 Mar 2023 20:27

Instrument :

MSVOA_X

ClientSampleId :

031023-3

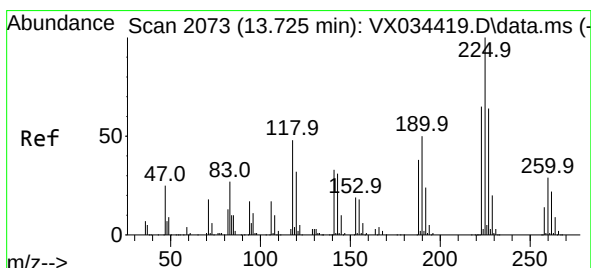
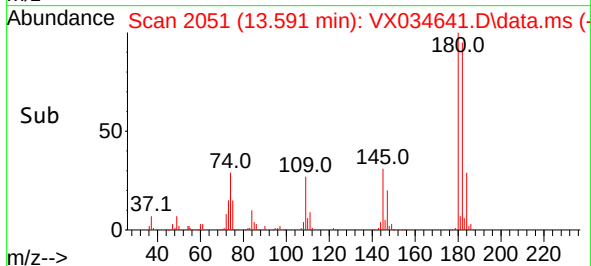
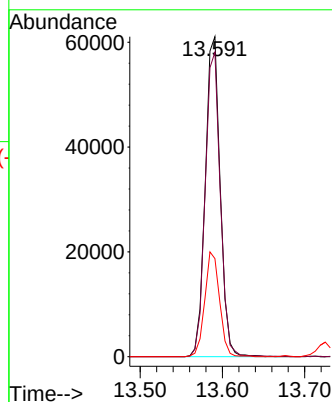
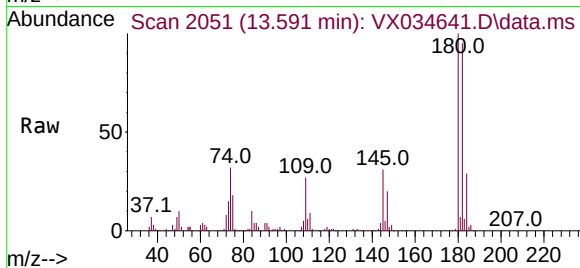
Tgt Ion:180	Resp:	77009
Ion Ratio	Lower	Upper
180	100	
182	96.1	47.0 141.0
145	32.5	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#94

Hexachlorobutadiene

Concen: 9.207 ug/l

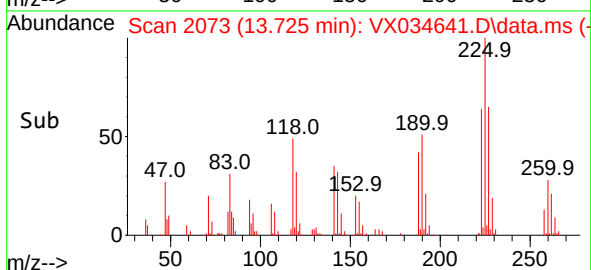
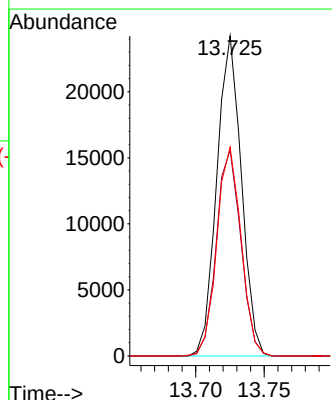
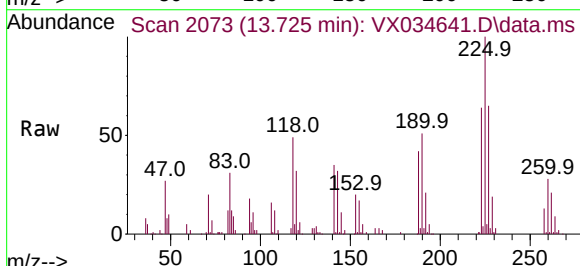
RT: 13.725 min Scan# 2073

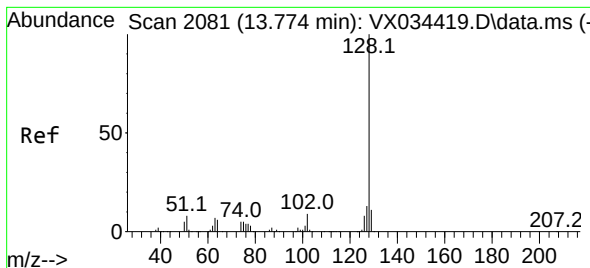
Delta R.T. -0.000 min

Lab File: VX034641.D

Acq: 20 Mar 2023 20:27

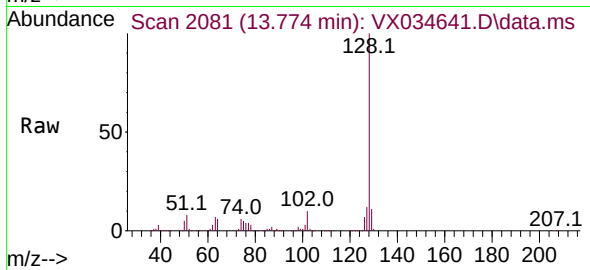
Tgt Ion:225	Resp:	30132
Ion Ratio	Lower	Upper
225	100	
223	64.3	32.1 96.5
227	64.4	31.8 95.4





#95
Naphthalene
Concen: 10.663 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

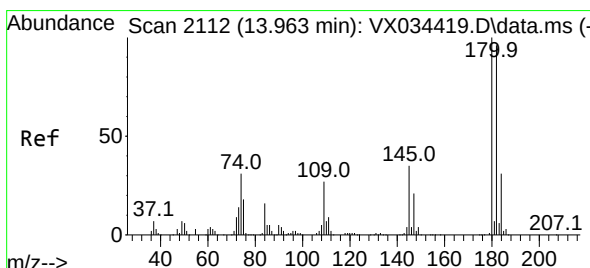
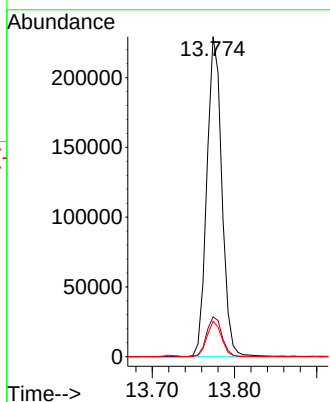
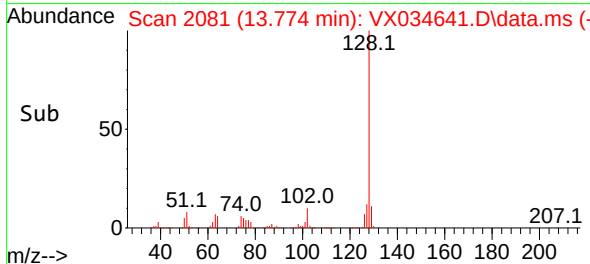
Instrument :
MSVOA_X
ClientSampleId :
031023-3



Tgt Ion:128 Resp: 29047
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#96
1,2,3-Trichlorobenzene
Concen: 9.880 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX034641.D
Acq: 20 Mar 2023 20:27

Tgt Ion:180 Resp: 78456
Ion Ratio Lower Upper
180 100
182 95.8 48.0 144.2
145 35.1 17.7 53.1

