

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031323\
 Data File : VX034447.D
 Acq On : 13 Mar 2023 20:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/14/2023
 Supervised By : Mahesh Dadoda 03/15/2023

Quant Time: Mar 14 02:31:26 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	286028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	499215	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	467369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	243087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	177920	42.758	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.520%		
35) Dibromofluoromethane	5.385	113	138058	41.886	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	83.780%		
50) Toluene-d8	8.647	98	524153	42.599	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	85.200%#		
62) 4-Bromofluorobenzene	11.079	95	214620	43.183	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	120054	45.023	ug/l	98
3) Chloromethane	1.307	50	183215	45.234	ug/l	100
4) Vinyl Chloride	1.374	62	169434	46.666	ug/l	99
5) Bromomethane	1.599	94	88829	48.490	ug/l	95
6) Chloroethane	1.678	64	105584	50.506	ug/l	100
7) Trichlorofluoromethane	1.886	101	263385	48.278	ug/l	99
8) Diethyl Ether	2.130	74	101013	50.721	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	144318	45.391	ug/l	99
10) Methyl Iodide	2.453	142	208192	49.875	ug/l	100
11) Tert butyl alcohol	2.959	59	211818	244.446	ug/l	100
12) 1,1-Dichloroethene	2.319	96	141292	45.123	ug/l	98
13) Acrolein	2.233	56	172673	251.892	ug/l	100
14) Allyl chloride	2.660	41	284277	44.781	ug/l	99
15) Acrylonitrile	3.062	53	474078	253.267	ug/l	100
16) Acetone	2.373	43	404472	206.353	ug/l	100
17) Carbon Disulfide	2.508	76	362940	41.187	ug/l	100
18) Methyl Acetate	2.703	43	314934	49.173	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	532957	47.537	ug/l	100
20) Methylene Chloride	2.788	84	171815	45.165	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	155627	46.800	ug/l	96
22) Diisopropyl ether	3.757	45	596216	49.260	ug/l	98
23) Vinyl Acetate	3.721	43	2309076	250.673	ug/l	100
24) 1,1-Dichloroethane	3.605	63	305121	46.897	ug/l	100
25) 2-Butanone	4.550	43	681640	243.041	ug/l	99
26) 2,2-Dichloropropane	4.477	77	237245	41.950	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	188729	47.145	ug/l	99
28) Bromochloromethane	4.897	49	152136	50.290	ug/l	99
29) Tetrahydrofuran	5.001	42	449764	259.886	ug/l	100
30) Chloroform	5.092	83	315689	49.499	ug/l	97
31) Cyclohexane	5.470	56	265597	45.512	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	266672	47.233	ug/l	99
36) 1,1-Dichloropropene	5.690	75	222379	43.927	ug/l	99
37) Ethyl Acetate	4.715	43	265491	48.004	ug/l	100
38) Carbon Tetrachloride	5.678	117	224706	44.617	ug/l	97
39) Methylcyclohexane	7.379	83	256598	42.354	ug/l	95
40) Benzene	6.037	78	689648	46.567	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	150064	49.510	ug/l	99
42) 1,2-Dichloroethane	6.086	62	261970	48.131	ug/l	100
43) Isopropyl Acetate	6.336	43	453538	48.407	ug/l	100
44) Trichloroethene	7.123	130	174094	45.243	ug/l	100
45) 1,2-Dichloropropane	7.427	63	183847	47.543	ug/l	99
46) Dibromomethane	7.580	93	124732	47.446	ug/l	99
47) Bromodichloromethane	7.824	83	246339	48.416	ug/l	98
48) Methyl methacrylate	7.690	41	220643	48.965	ug/l	99
49) 1,4-Dioxane	7.659	88	103392	1092.405	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1405929	258.670	ug/l	99
52) Toluene	8.720	92	442597	48.272	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	278561	48.597	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	293264	47.289	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	181432	49.860	ug/l	98
56) Ethyl methacrylate	9.116	69	299188	50.077	ug/l	99
57) 1,3-Dichloropropane	9.305	76	316198	48.893	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	742795	241.245	ug/l	100
59) 2-Hexanone	9.427	43	1086456	258.586	ug/l	100
60) Dibromochloromethane	9.519	129	193428	50.684	ug/l	98
61) 1,2-Dibromoethane	9.610	107	193501	49.279	ug/l	100
64) Tetrachloroethene	9.275	164	138883	44.237	ug/l	99
65) Chlorobenzene	10.079	112	472843	46.111	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	176005	47.126	ug/l	99
67) Ethyl Benzene	10.195	91	852980	46.464	ug/l	100
68) m/p-Xylenes	10.299	106	650457	92.237	ug/l	100
69) o-Xylene	10.640	106	325966	46.060	ug/l	99
70) Styrene	10.652	104	549526	48.128	ug/l	99
71) Bromoform	10.799	173	140613	48.911	ug/l	99
73) Isopropylbenzene	10.963	105	837889	44.598	ug/l	100
74) N-amyl acetate	10.841	43	438313	48.708	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	303385	48.392	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	250878m	44.948	ug/l	
77) Bromobenzene	11.195	156	205342	45.555	ug/l	100
78) n-propylbenzene	11.305	91	983188	45.313	ug/l	100
79) 2-Chlorotoluene	11.366	91	615708	45.947	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	718374	45.586	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	93889	45.507	ug/l	97
82) 4-Chlorotoluene	11.451	91	714635	46.299	ug/l	100
83) tert-Butylbenzene	11.713	119	709439	44.651	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	735321	45.657	ug/l	99
85) sec-Butylbenzene	11.890	105	866173	44.592	ug/l	99
86) p-Isopropyltoluene	12.006	119	732445	44.866	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	392822	44.477	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	394733	44.201	ug/l	99
89) n-Butylbenzene	12.329	91	640043	44.102	ug/l	99
90) Hexachloroethane	12.536	117	138292	45.781	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	392280	45.960	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	69495	48.789	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	233976	43.837	ug/l	100
94) Hexachlorobutadiene	13.725	225	90361	42.023	ug/l	99
95) Naphthalene	13.774	128	834020	46.598	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	231809	44.430	ug/l	98

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VSTDCCC050EC

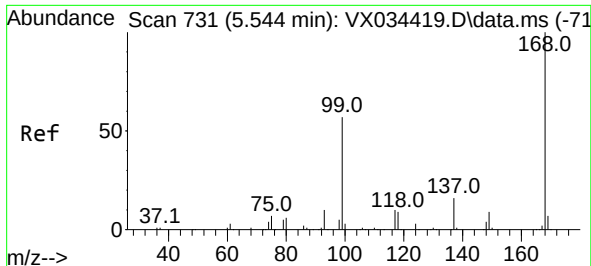
Manual Integrations
APPROVED

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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



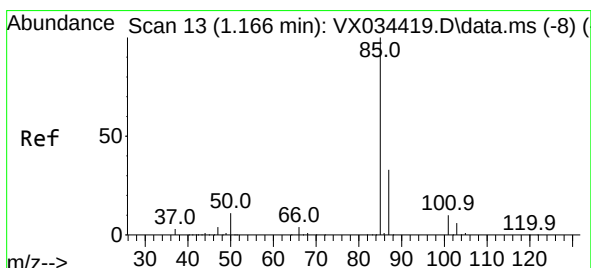
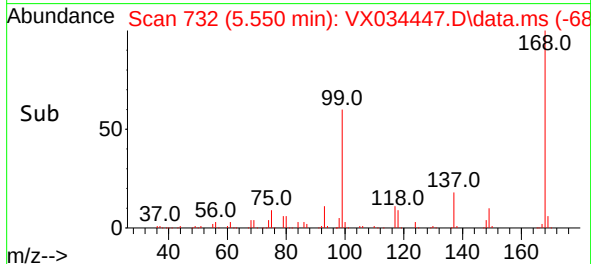
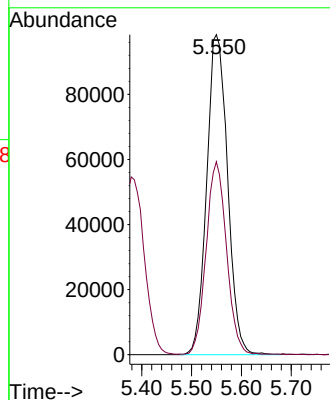
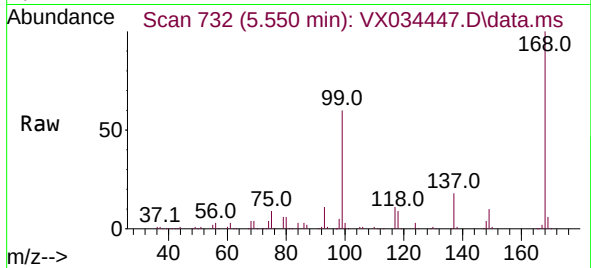
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

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ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 286028
Ion Ratio Lower Upper
168 100
99 60.2 45.7 68.5

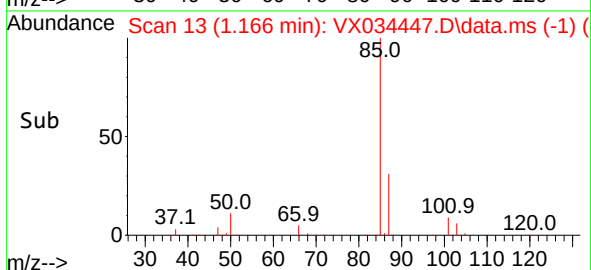
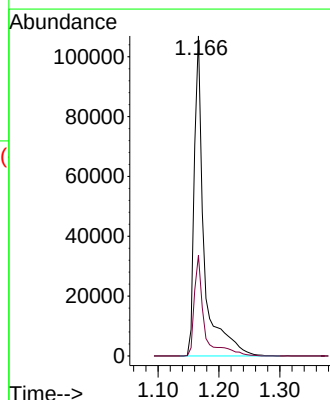
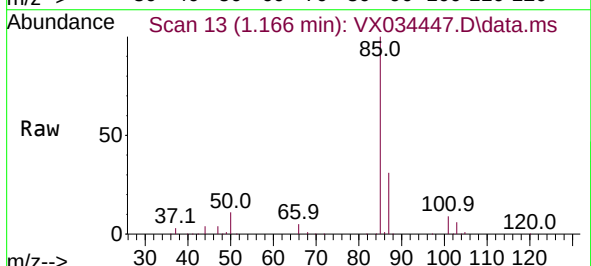
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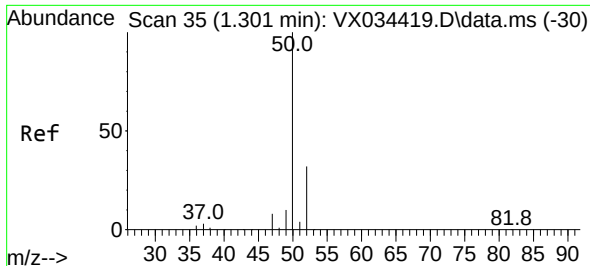
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#2
Dichlorodifluoromethane
Concen: 45.023 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

Tgt Ion: 85 Resp: 120054
Ion Ratio Lower Upper
85 100
87 31.4 16.4 49.1





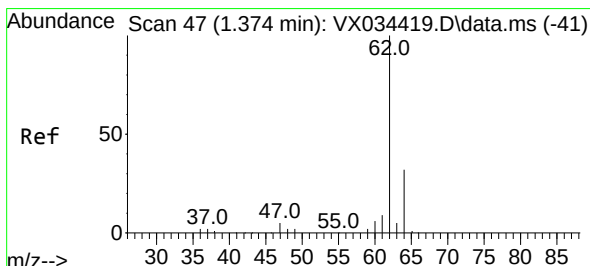
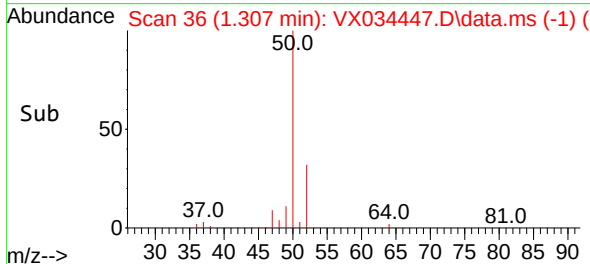
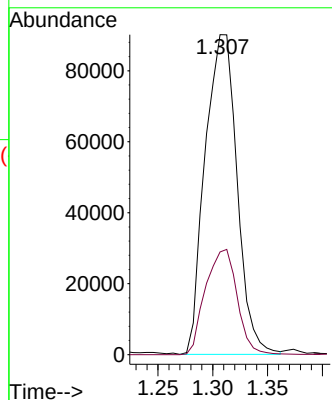
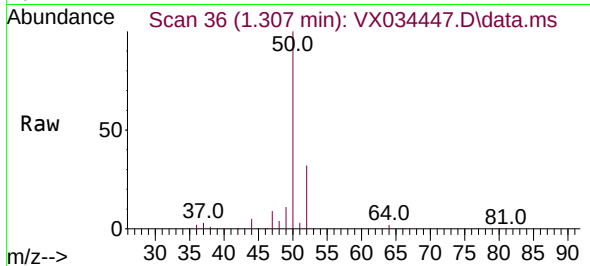
#3
Chloromethane
Concen: 45.234 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 183215
Ion Ratio Lower Upper
50 100
52 32.2 25.9 38.9

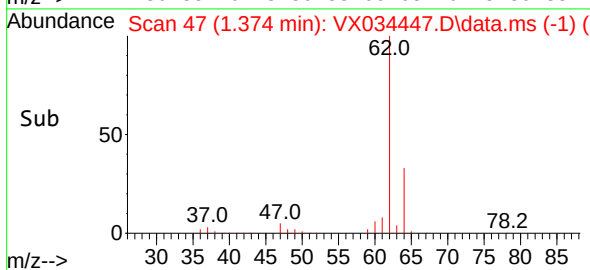
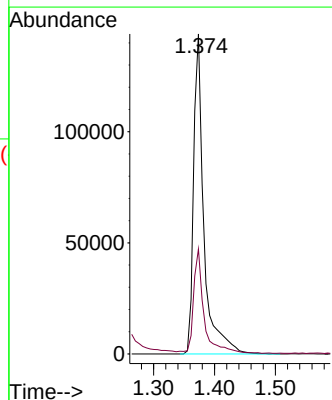
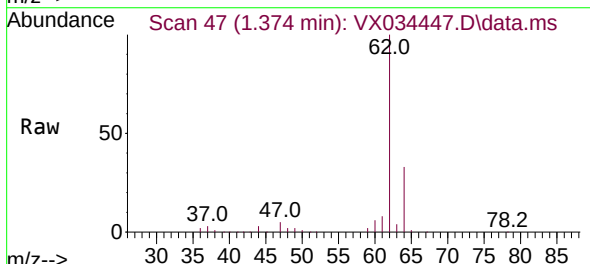
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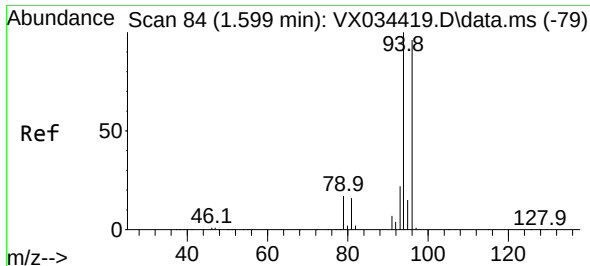
Reviewed By :John Carlone 03/14/2023
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#4
Vinyl Chloride
Concen: 46.666 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

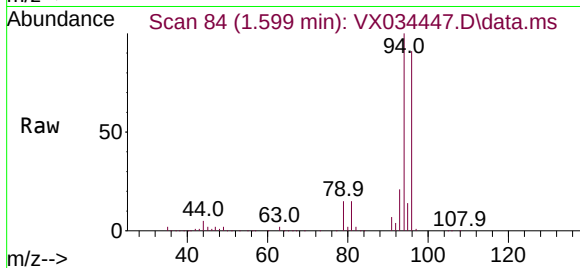
Tgt Ion: 62 Resp: 169434
Ion Ratio Lower Upper
62 100
64 32.5 26.4 39.6





#5
Bromomethane
Concen: 48.490 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

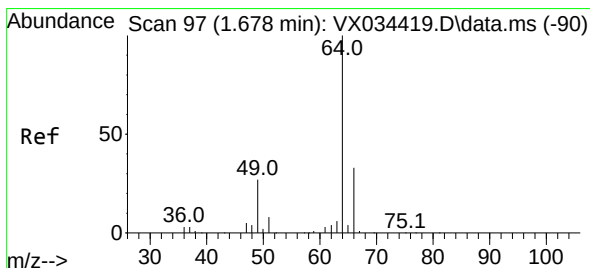
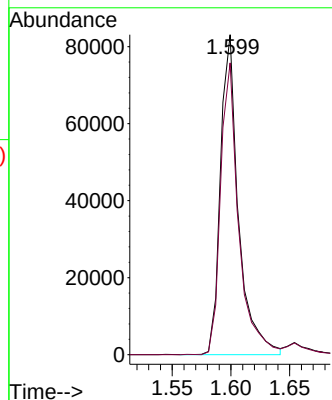
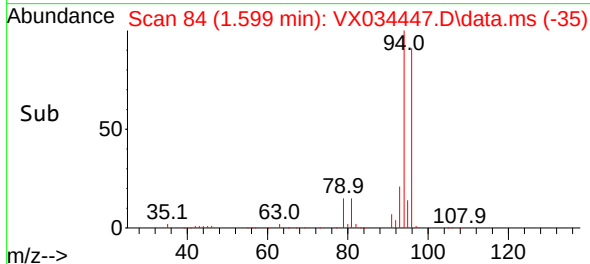
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 88829
Ion Ratio Lower Upper
94 100
96 91.2 77.0 115.6

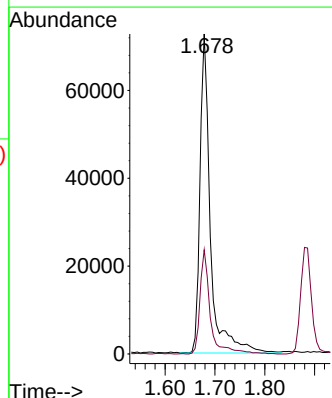
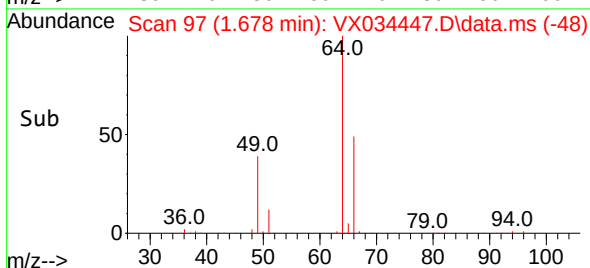
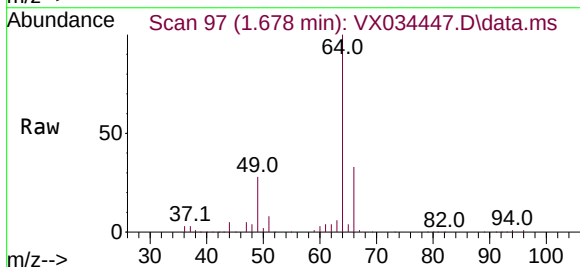
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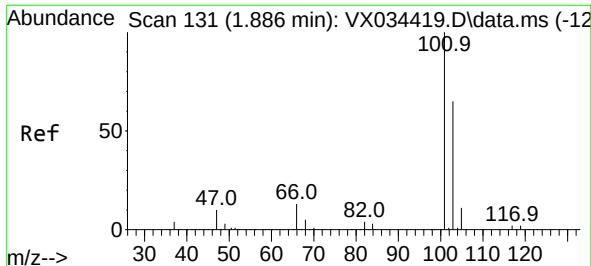
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#6
Chloroethane
Concen: 50.506 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

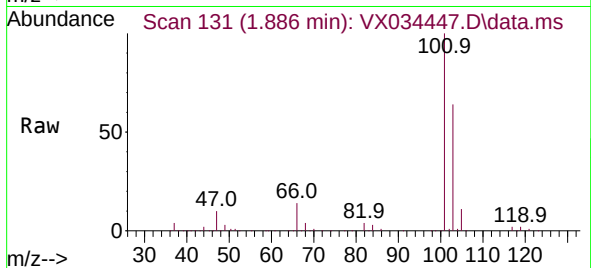
Tgt Ion: 64 Resp: 105584
Ion Ratio Lower Upper
64 100
66 32.6 26.2 39.4





#7
Trichlorofluoromethane
Concen: 48.278 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

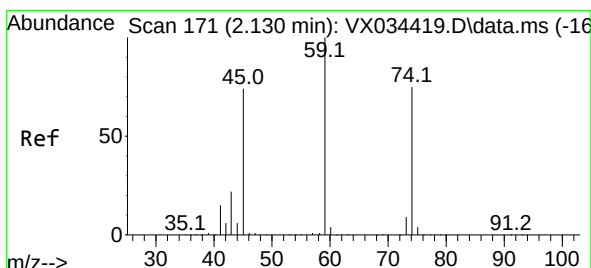
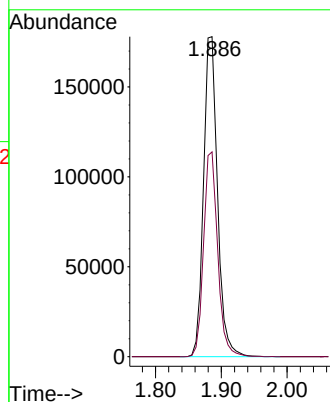
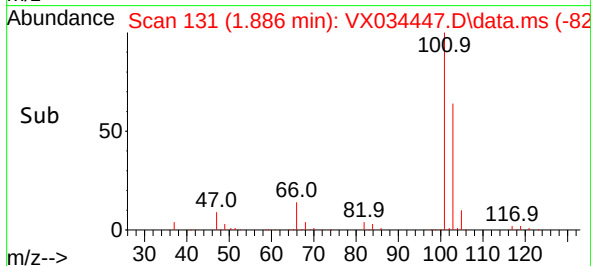
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VSTDCCC050EC



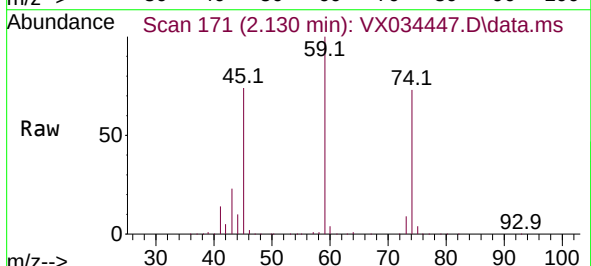
Tgt Ion:101 Resp: 26338
Ion Ratio Lower Upper
101 100
103 64.0 52.0 78.0

Manual Integrations
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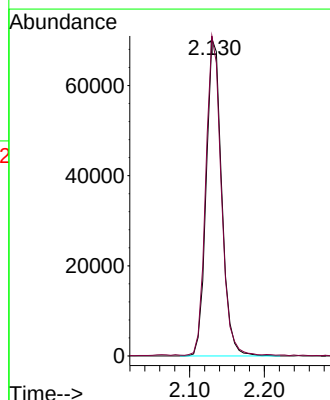
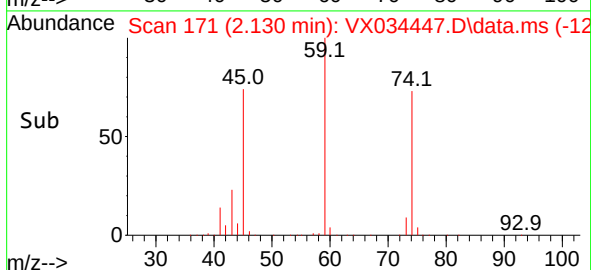
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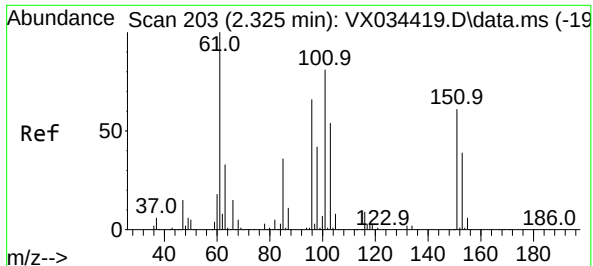


#8
Diethyl Ether
Concen: 50.721 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54



Tgt Ion: 74 Resp: 101013
Ion Ratio Lower Upper
74 100
45 100.8 49.8 149.3





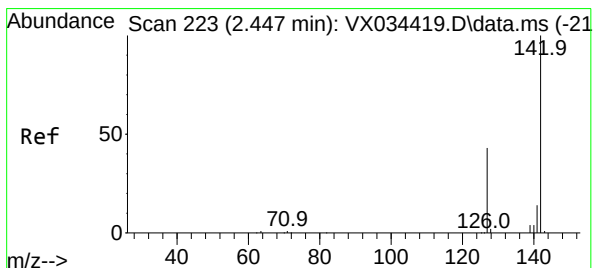
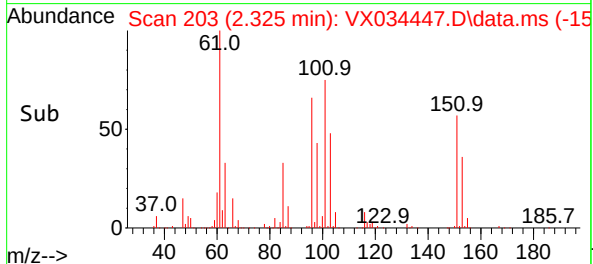
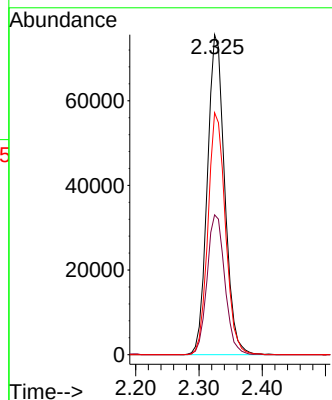
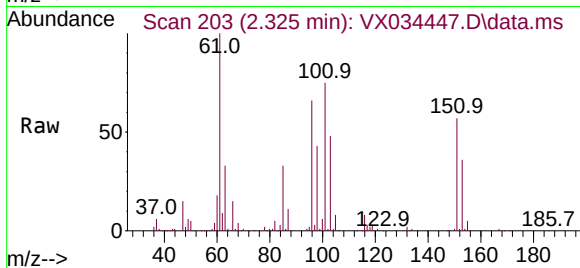
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.391 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

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MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 144318
Ion Ratio Lower Upper
101 100
85 44.8 35.4 53.2
151 75.7 60.2 90.4

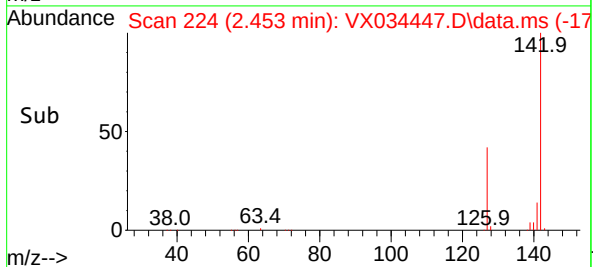
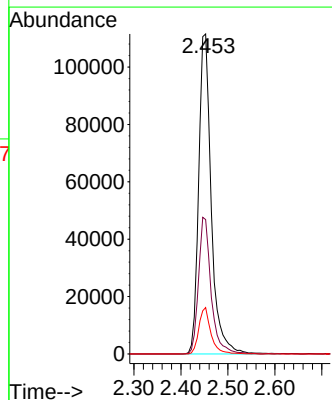
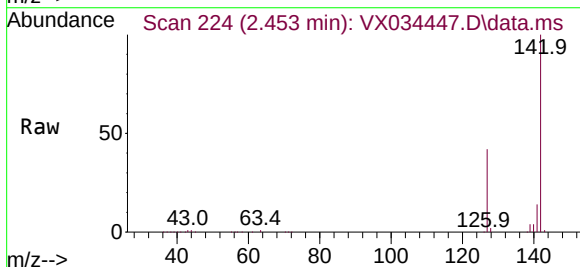
Manual Integrations
APPROVED

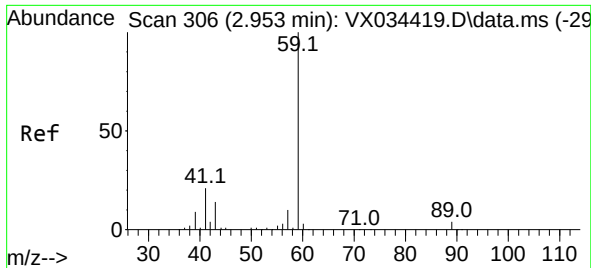
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#10
Methyl Iodide
Concen: 49.875 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

Tgt Ion:142 Resp: 208192
Ion Ratio Lower Upper
142 100
127 42.8 34.0 51.0
141 13.9 11.1 16.7





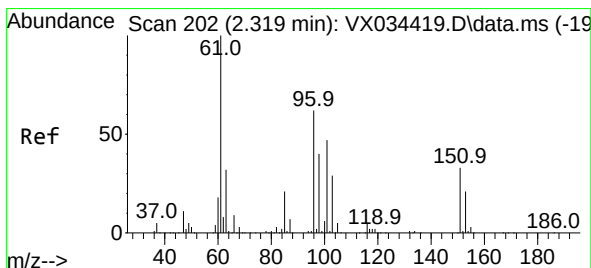
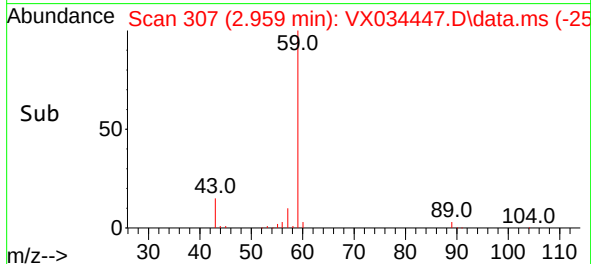
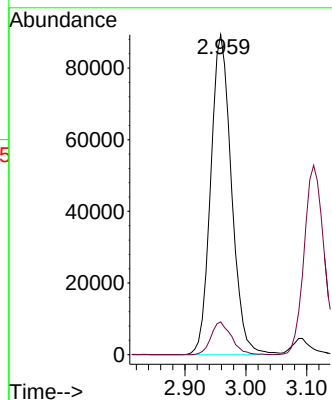
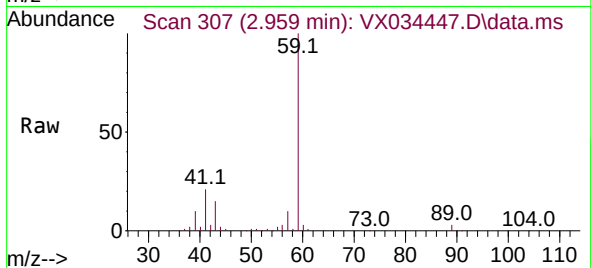
#11
Tert butyl alcohol
Concen: 244.446 ug/l
RT: 2.959 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 211818
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1

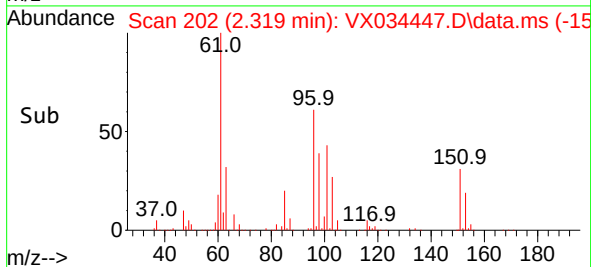
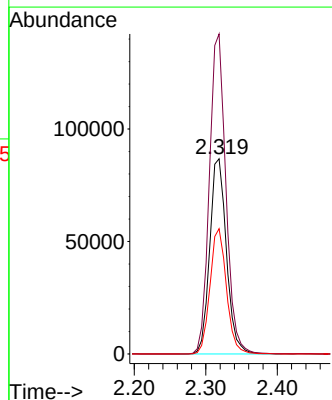
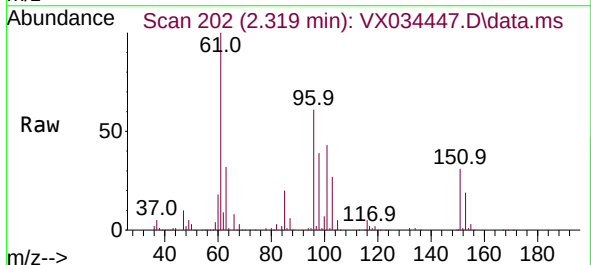
Manual Integrations
APPROVED

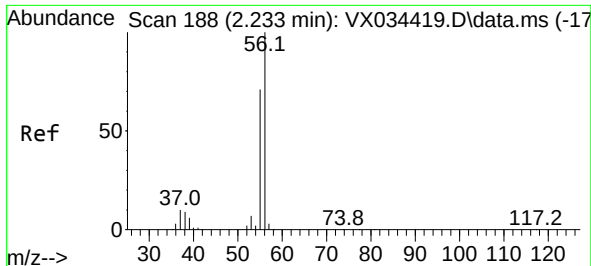
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#12
1,1-Dichloroethene
Concen: 45.123 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

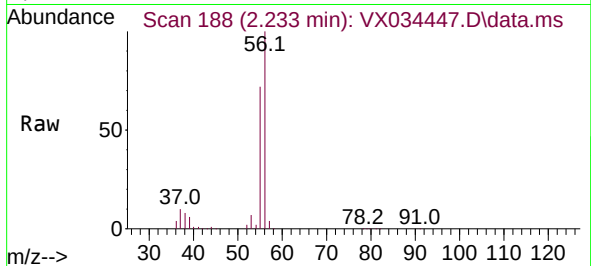
Tgt Ion: 96 Resp: 141292
Ion Ratio Lower Upper
96 100
61 164.0 128.8 193.2
98 64.2 51.4 77.0





#13
Acrolein
Concen: 251.892 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

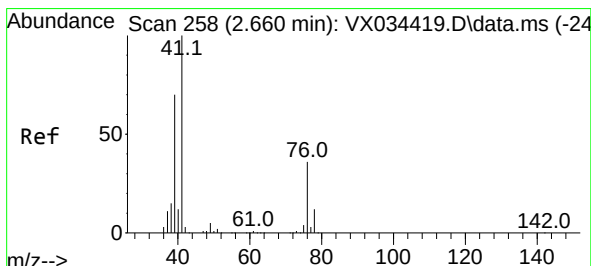
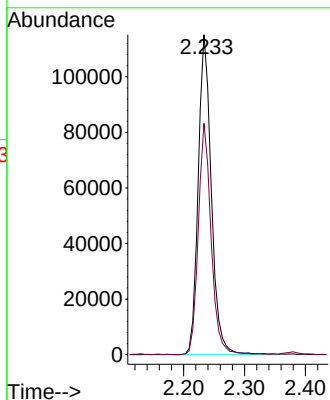
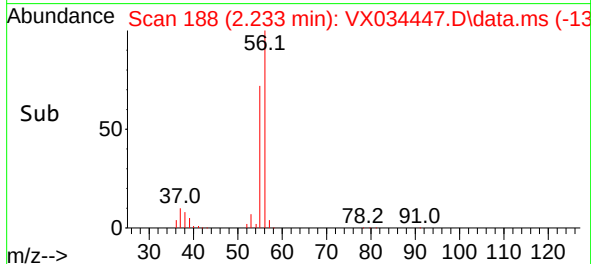
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 17267
Ion Ratio Lower Upper
56 100
55 71.0 56.6 85.0

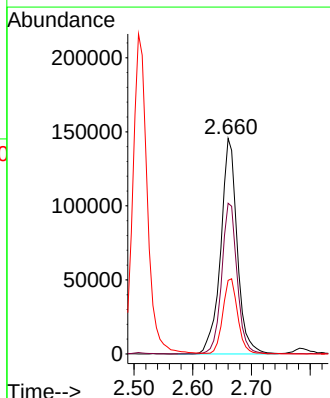
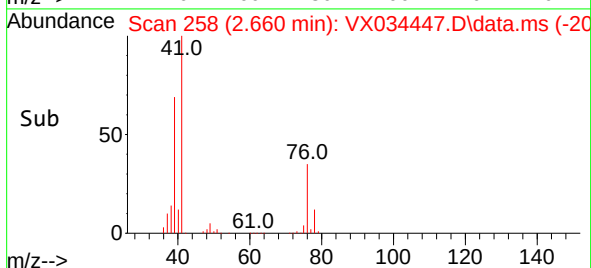
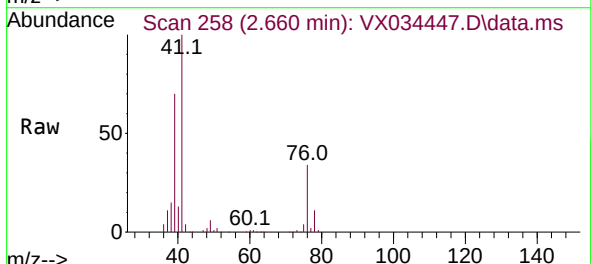
Manual Integrations
APPROVED

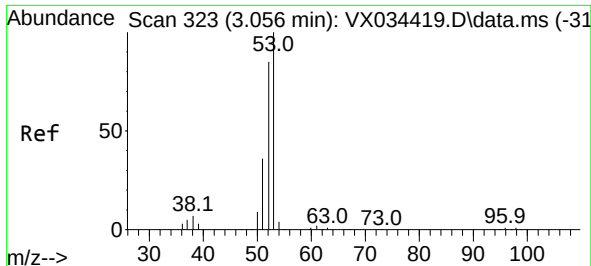
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#14
Allyl chloride
Concen: 44.781 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

Tgt Ion: 41 Resp: 284277
Ion Ratio Lower Upper
41 100
39 65.5 52.4 78.6
76 31.3 26.0 39.0





#15

Acrylonitrile

Concen: 253.267 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX034447.D

Acq: 13 Mar 2023 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 53 Resp: 474078

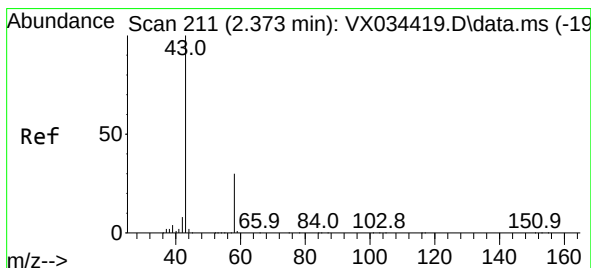
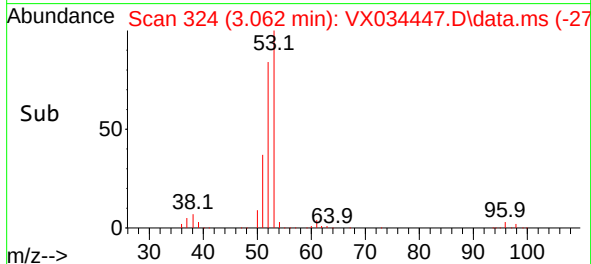
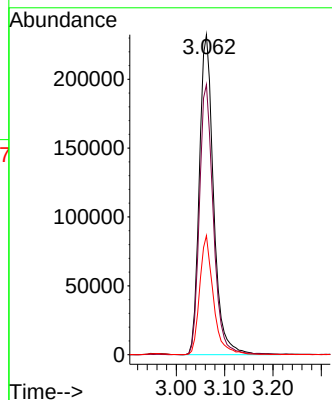
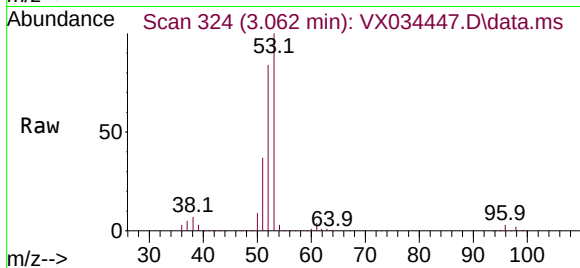
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.2	99.2
51	35.9	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#16

Acetone

Concen: 206.353 ug/l

RT: 2.373 min Scan# 211

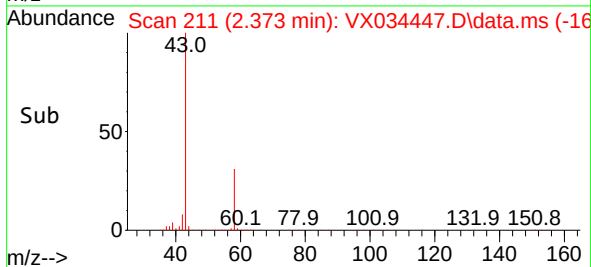
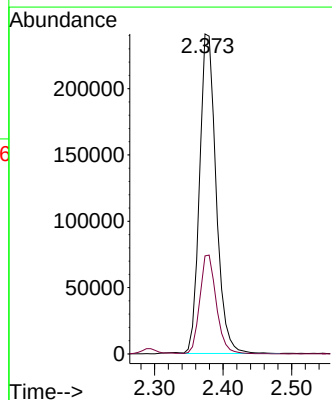
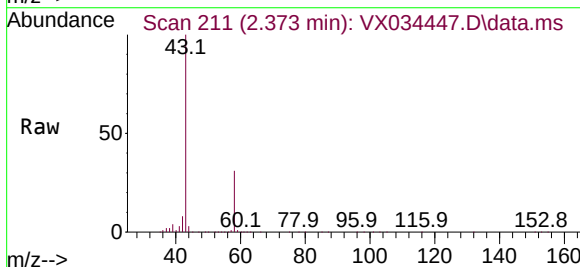
Delta R.T. -0.000 min

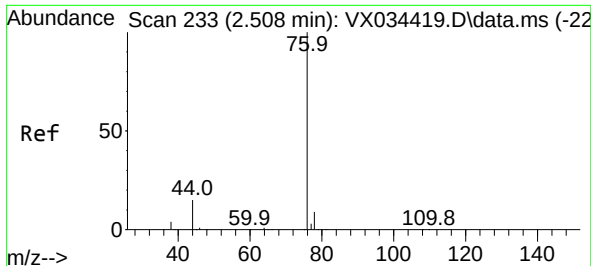
Lab File: VX034447.D

Acq: 13 Mar 2023 20:54

Tgt Ion: 43 Resp: 404472

Ion	Ratio	Lower	Upper
43	100		
58	30.7	24.7	37.1





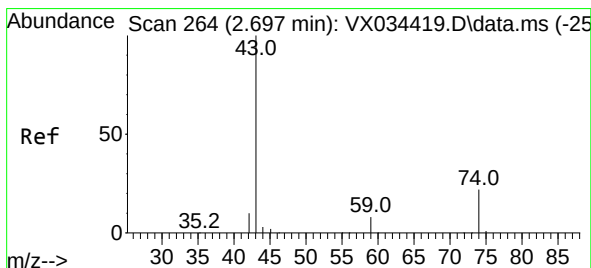
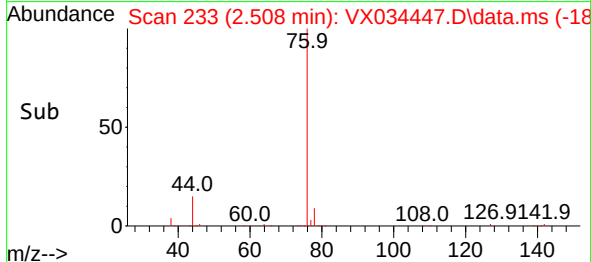
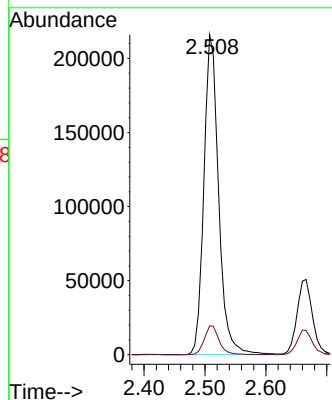
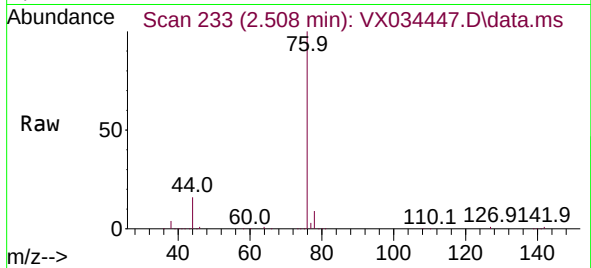
#17
Carbon Disulfide
Concen: 41.187 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 362940
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

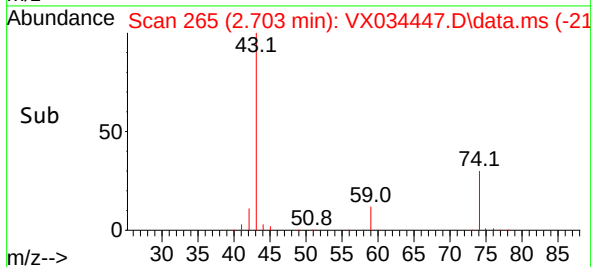
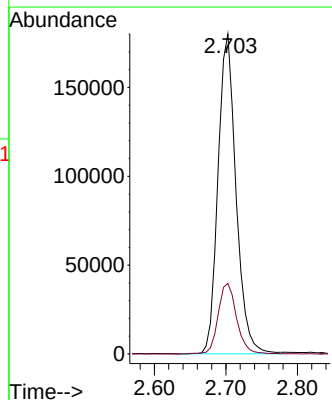
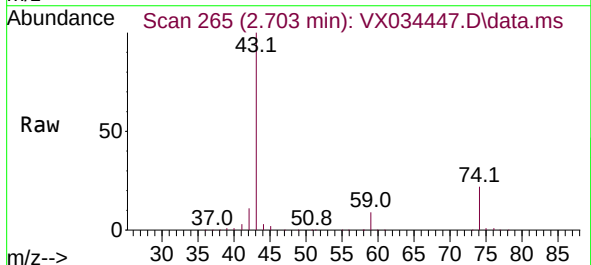
Manual Integrations
APPROVED

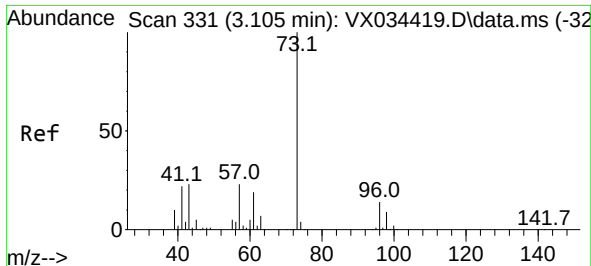
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#18
Methyl Acetate
Concen: 49.173 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

Tgt Ion: 43 Resp: 314934
Ion Ratio Lower Upper
43 100
74 22.7 18.3 27.5





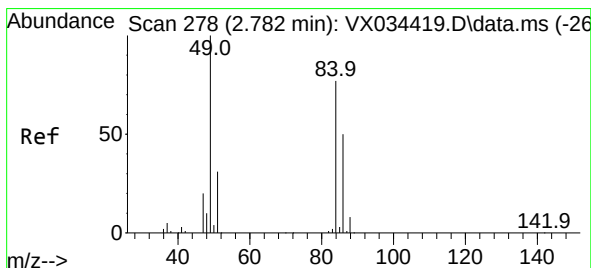
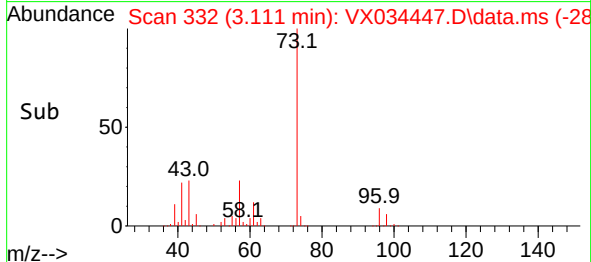
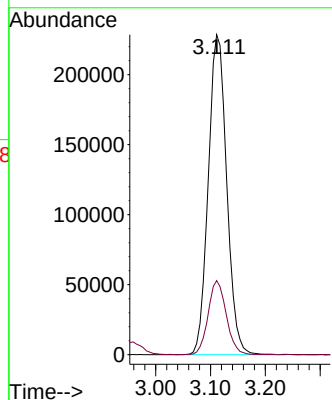
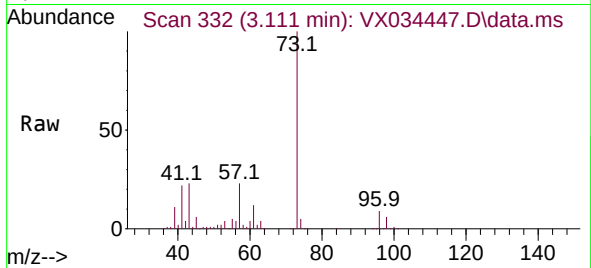
#19
Methyl tert-butyl Ether
Concen: 47.537 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 53295
Ion Ratio Lower Upper
73 100
57 23.1 18.5 27.7

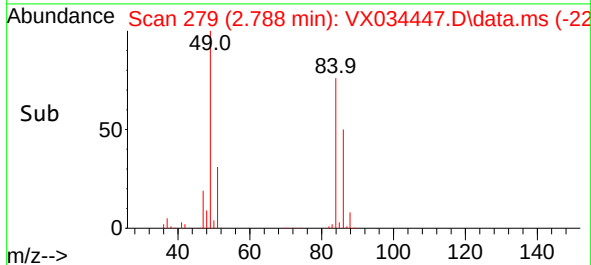
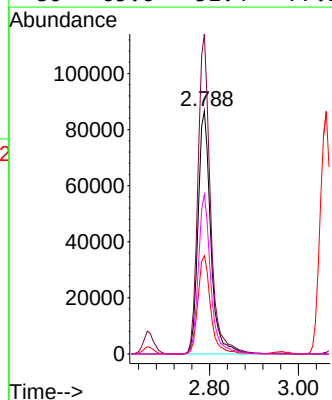
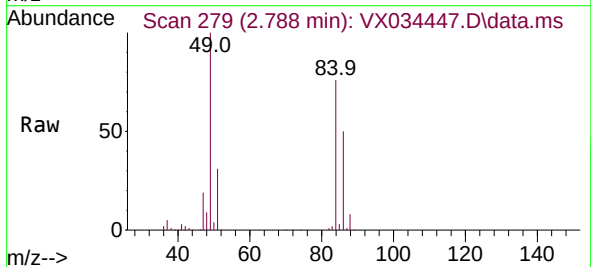
Manual Integrations
APPROVED

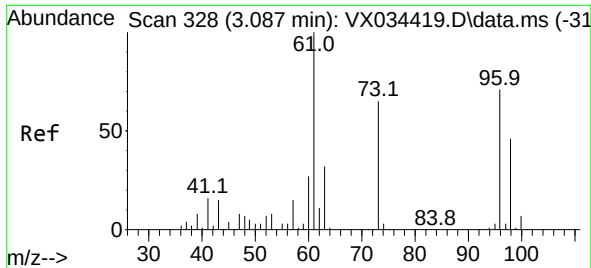
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#20
Methylene Chloride
Concen: 45.165 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

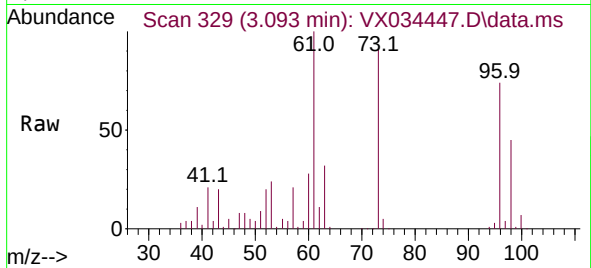
Tgt Ion: 84 Resp: 171815
Ion Ratio Lower Upper
84 100
49 131.7 103.8 155.8
51 40.4 31.8 47.8
86 65.6 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 46.800 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

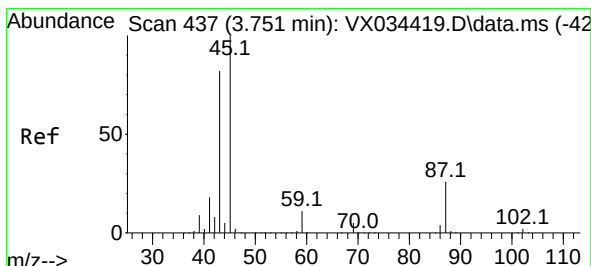
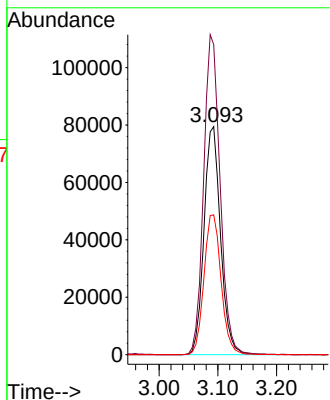
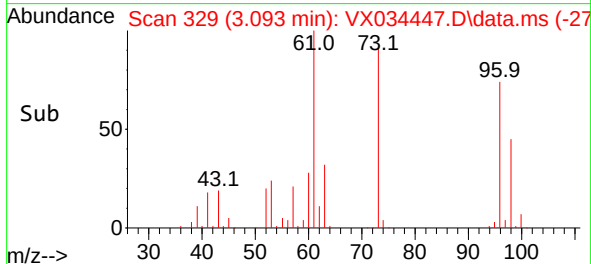
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



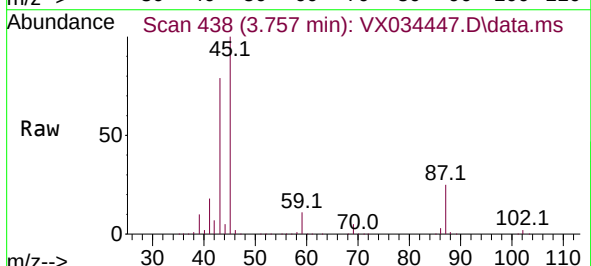
Tgt Ion: 96 Resp: 15562
Ion Ratio Lower Upper
96 100
61 136.0 113.0 169.6
98 61.3 52.1 78.1

Manual Integrations
APPROVED

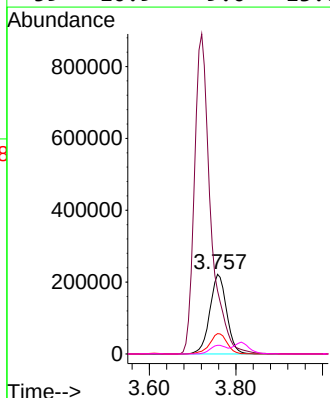
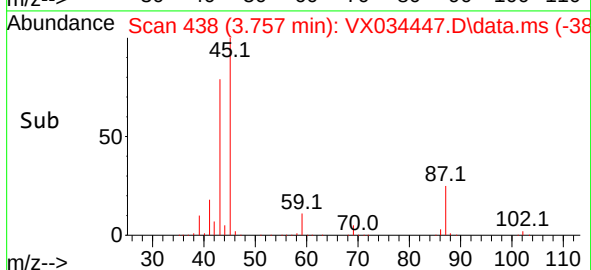
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

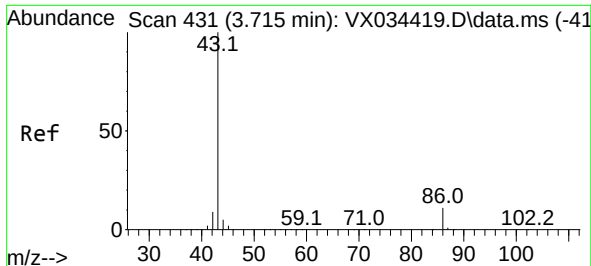


#22
Diisopropyl ether
Concen: 49.260 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54



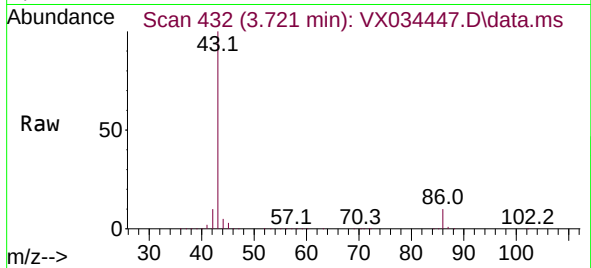
Tgt Ion: 45 Resp: 596216
Ion Ratio Lower Upper
45 100
43 79.3 65.4 98.2
87 25.5 20.6 31.0
59 10.9 9.0 13.6





#23
 Vinyl Acetate
 Concen: 250.673 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX034447.D
 Acq: 13 Mar 2023 20:54

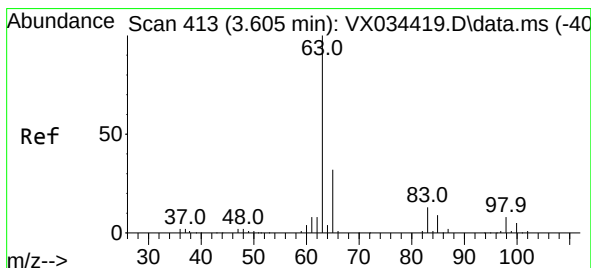
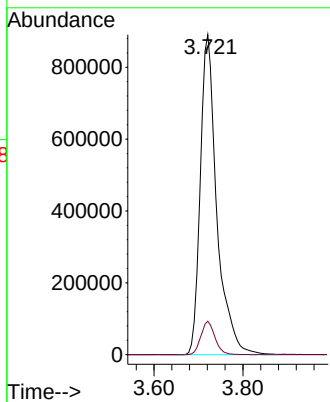
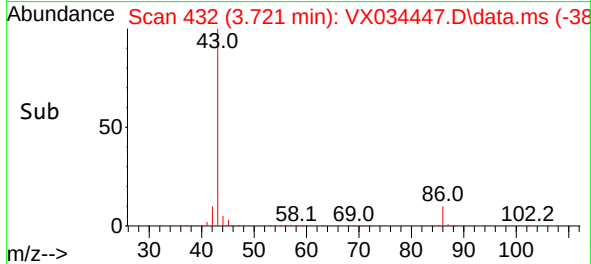
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



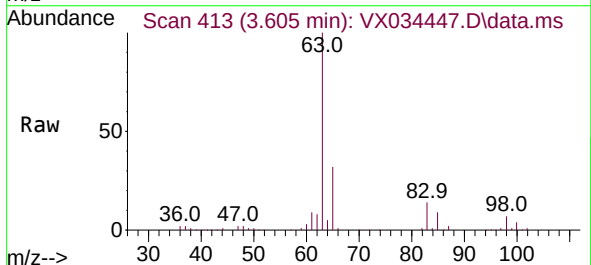
Tgt Ion: 43 Resp: 230907
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.5 12.7

Manual Integrations
 APPROVED

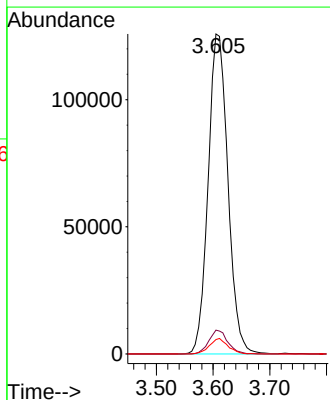
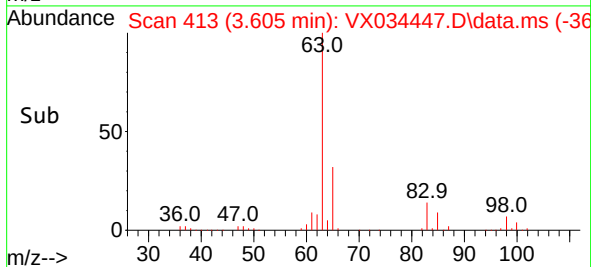
Reviewed By :John Carlone 03/14/2023
 Supervised By :Mahesh Dadoda 03/15/2023

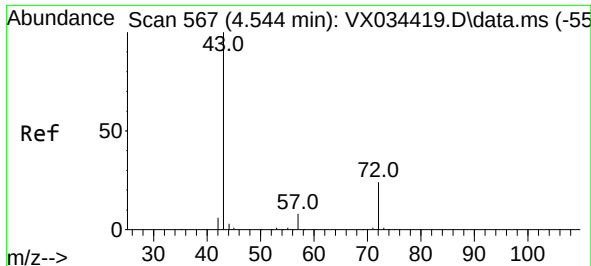


#24
 1,1-Dichloroethane
 Concen: 46.897 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX034447.D
 Acq: 13 Mar 2023 20:54



Tgt Ion: 63 Resp: 305121
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.2
 100 4.5 2.4 7.1





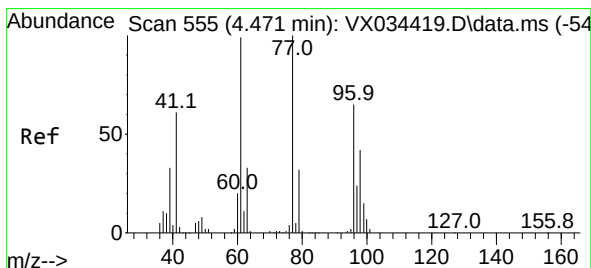
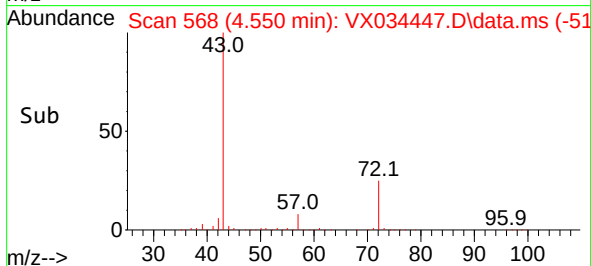
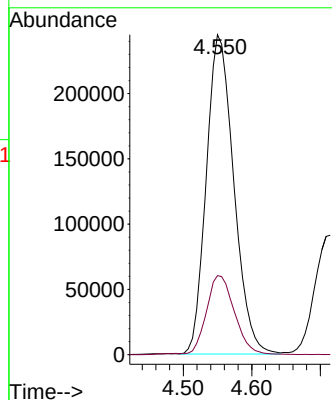
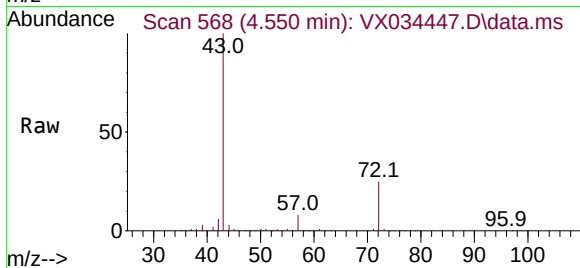
#25
2-Butanone
Concen: 243.041 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 681640
Ion Ratio Lower Upper
43 100
72 24.5 19.3 28.9

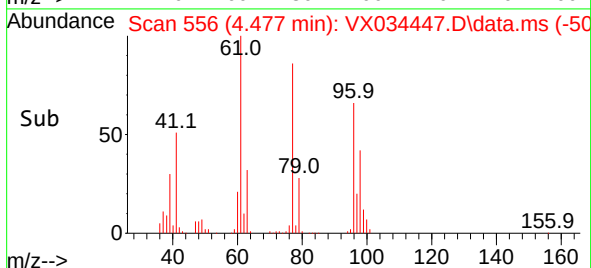
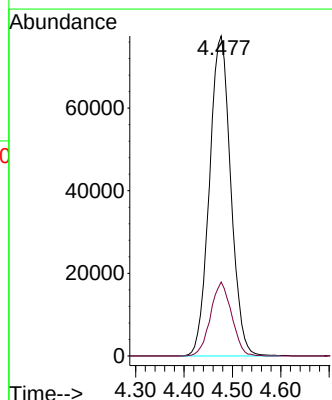
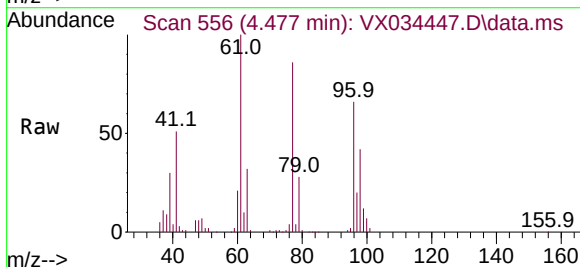
Manual Integrations
APPROVED

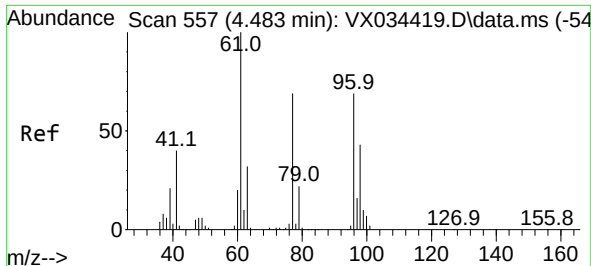
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#26
2,2-Dichloropropane
Concen: 41.950 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

Tgt Ion: 77 Resp: 237245
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 47.145 ug/l

RT: 4.489 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX034447.D

Acq: 13 Mar 2023 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 188729

Ion Ratio Lower Upper

96 100

61 148.3 0.0 300.4

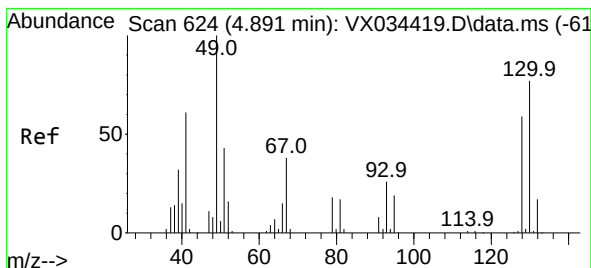
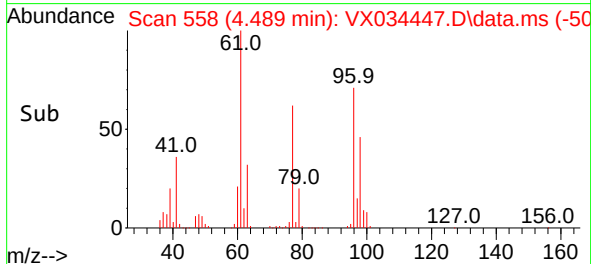
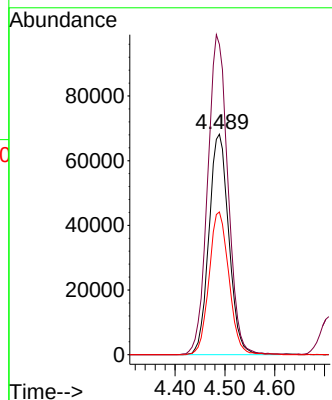
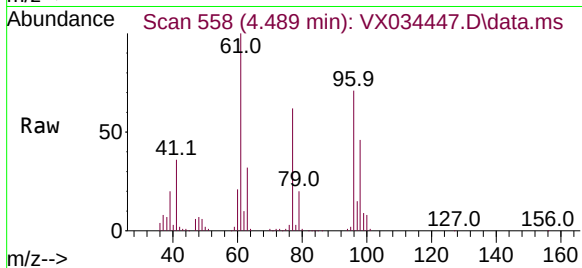
98 64.7 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#28

Bromochloromethane

Concen: 50.290 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX034447.D

Acq: 13 Mar 2023 20:54

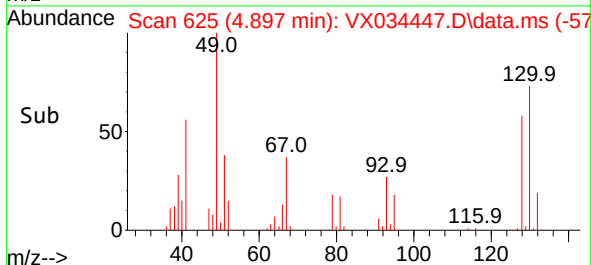
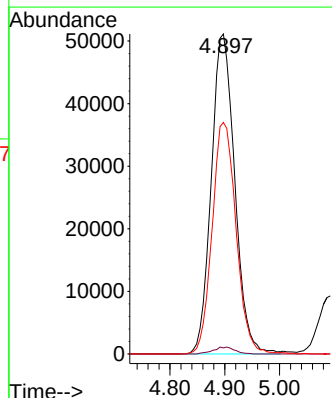
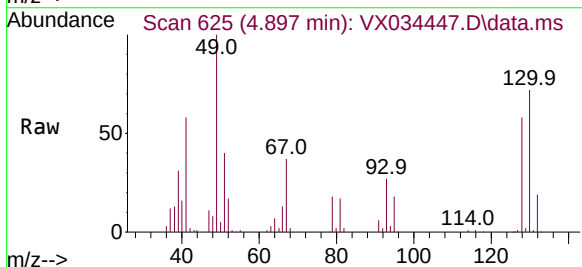
Tgt Ion: 49 Resp: 152136

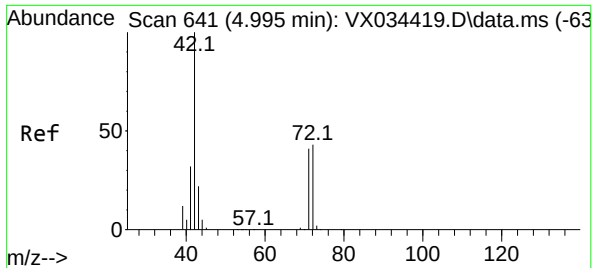
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 73.8 58.2 87.2





#29

Tetrahydrofuran

Concen: 259.886 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX034447.D

Acq: 13 Mar 2023 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 449764

Ion Ratio Lower Upper

42 100

72 43.1 34.5 51.7

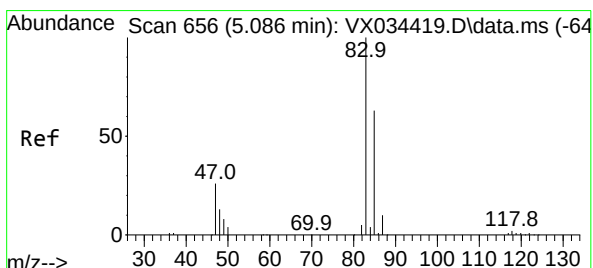
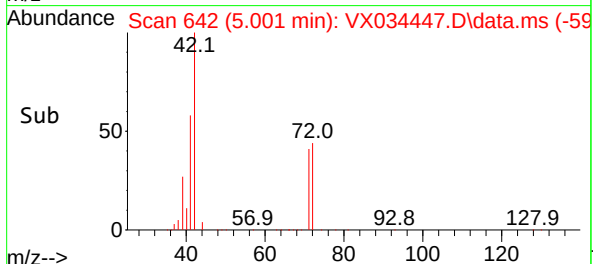
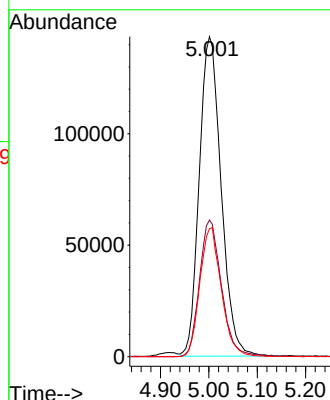
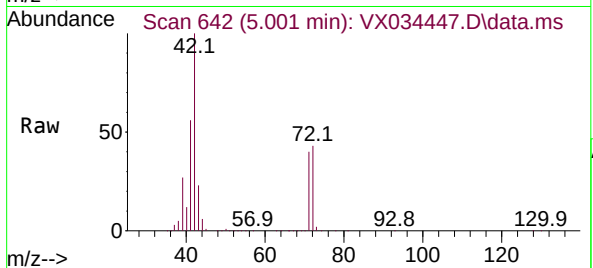
71 39.8 32.1 48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#30

Chloroform

Concen: 49.499 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX034447.D

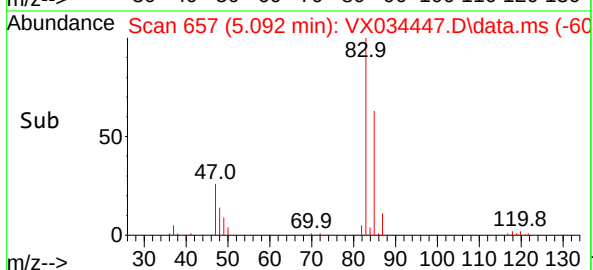
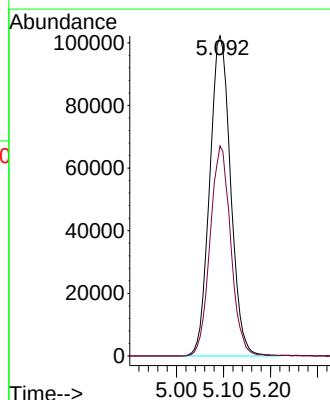
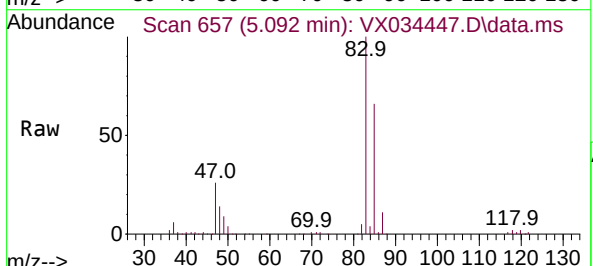
Acq: 13 Mar 2023 20:54

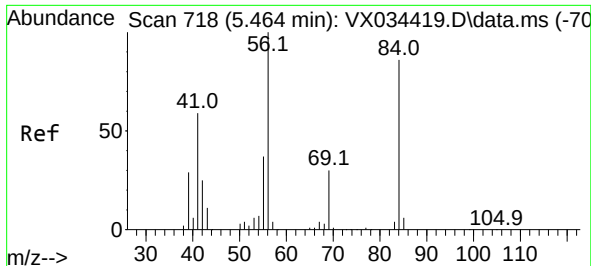
Tgt Ion: 83 Resp: 315689

Ion Ratio Lower Upper

83 100

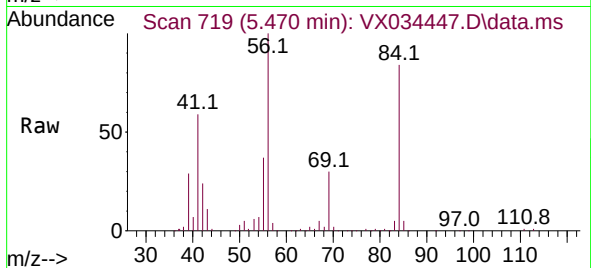
85 65.6 50.6 76.0





#31
Cyclohexane
Concen: 45.512 ug/l
RT: 5.470 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

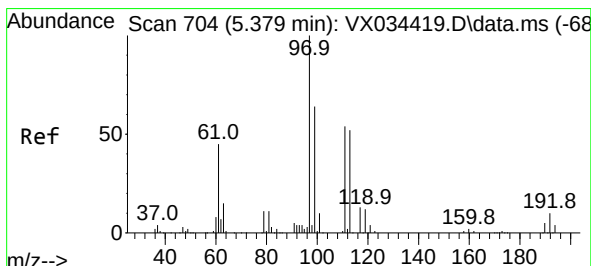
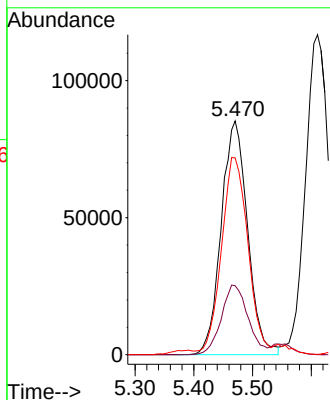
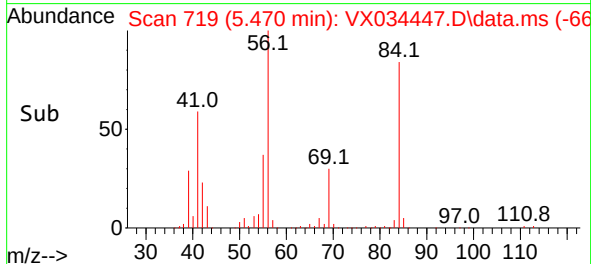
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



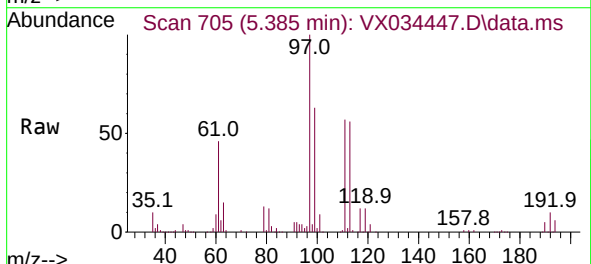
Tgt Ion: 56 Resp: 265597
Ion Ratio Lower Upper
56 100
69 29.5 23.7 35.5
84 82.4 68.5 102.7

Manual Integrations
APPROVED

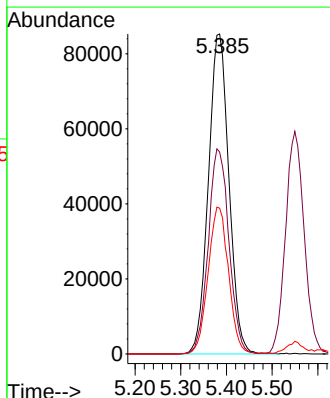
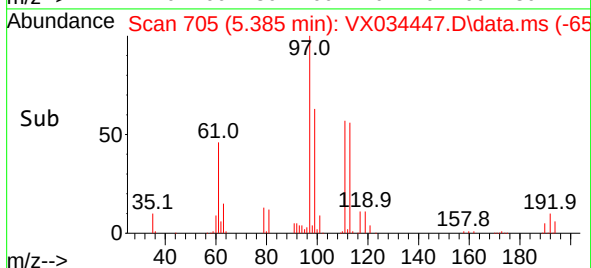
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

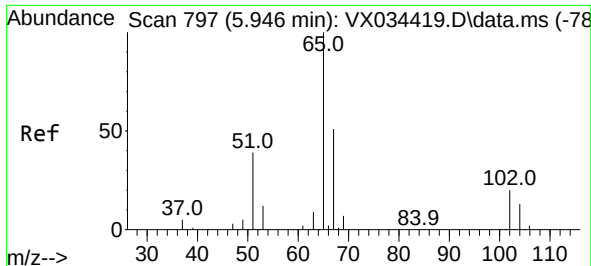


#32
1,1,1-Trichloroethane
Concen: 47.233 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54



Tgt Ion: 97 Resp: 266672
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 45.8 36.5 54.7





#33
1,2-Dichloroethane-d4
Concen: 42.758 ug/l
RT: 5.952 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

Instrument :

MSVOA_X

ClientSampleId :

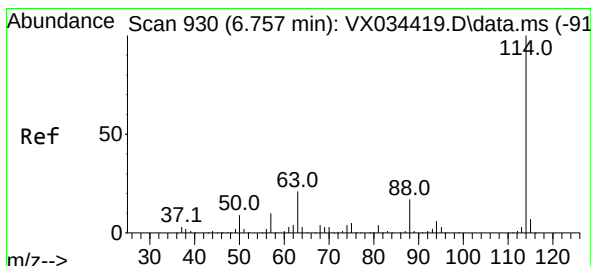
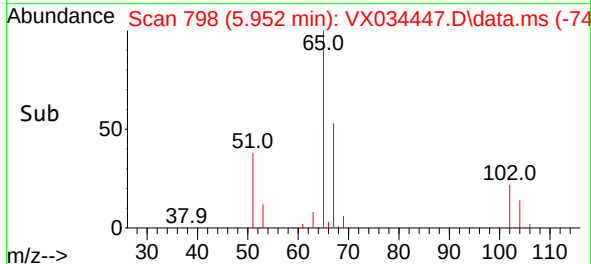
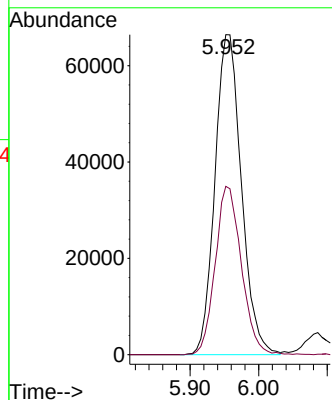
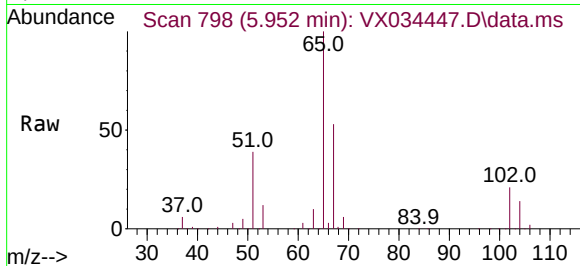
VSTDCCC050EC

Tgt Ion: 65 Resp: 177920
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.0

Manual Integrations

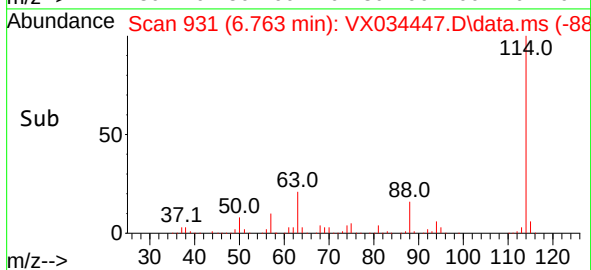
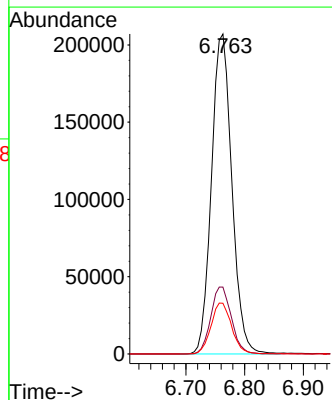
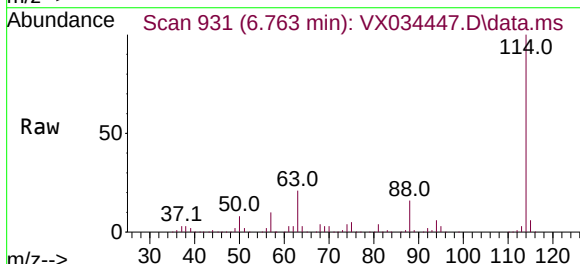
APPROVED

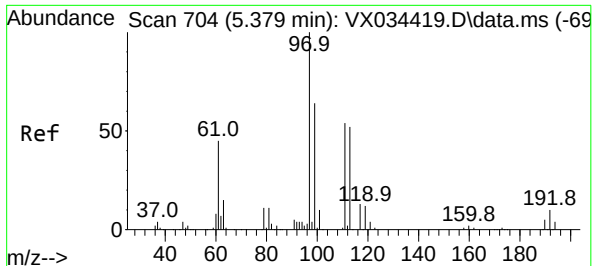
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

Tgt Ion:114 Resp: 499215
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.2
88 15.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 41.886 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034447.D

Acq: 13 Mar 2023 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 138058

Ion Ratio Lower Upper

113 100

111 103.6 83.7 125.5

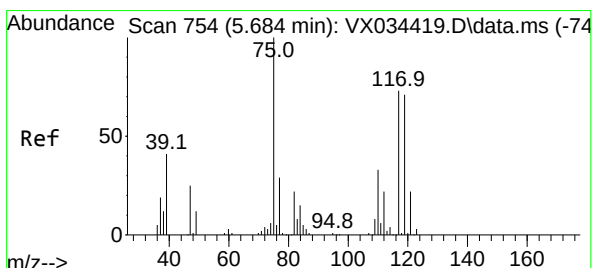
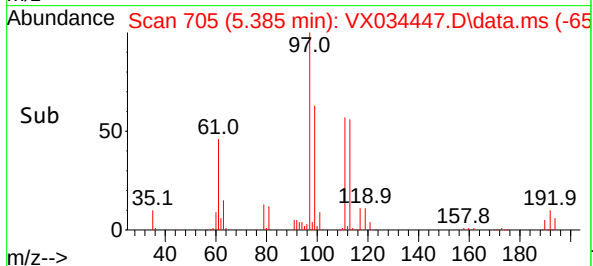
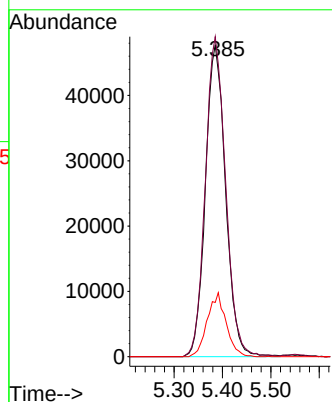
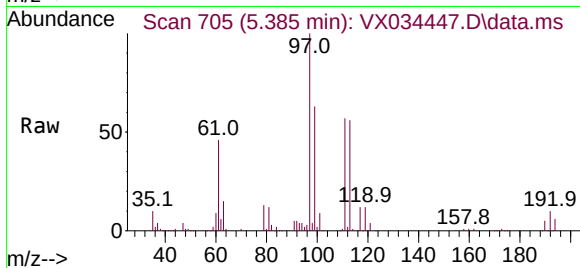
192 19.1 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#36

1,1-Dichloropropene

Concen: 43.927 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.006 min

Lab File: VX034447.D

Acq: 13 Mar 2023 20:54

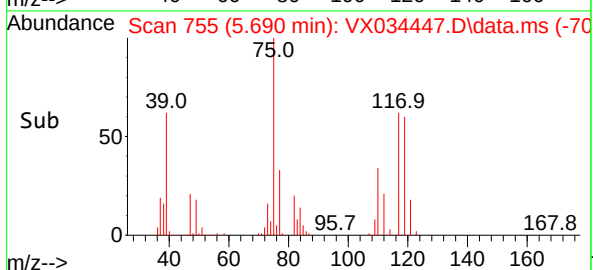
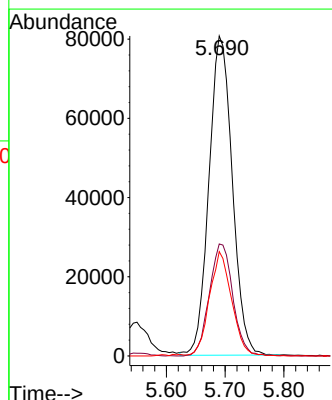
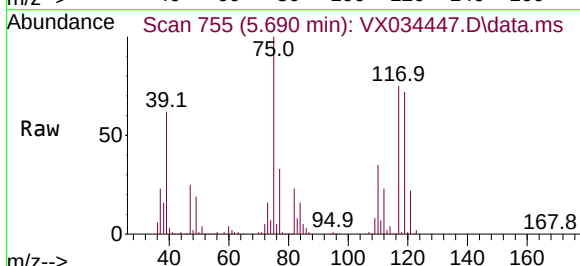
Tgt Ion: 75 Resp: 222379

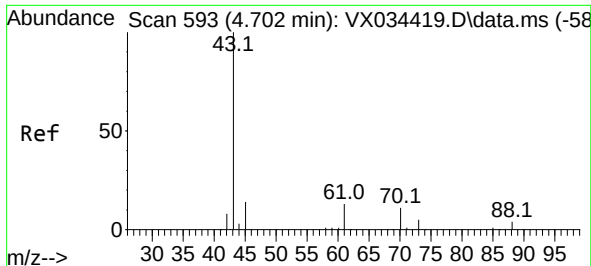
Ion Ratio Lower Upper

75 100

110 35.4 17.5 52.5

77 31.2 24.3 36.5





#37

Ethyl Acetate

Concen: 48.004 ug/l

RT: 4.715 min Scan# 593

Delta R.T. 0.012 min

Lab File: VX034447.D

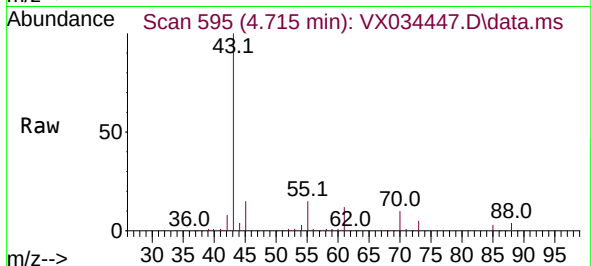
Acq: 13 Mar 2023 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



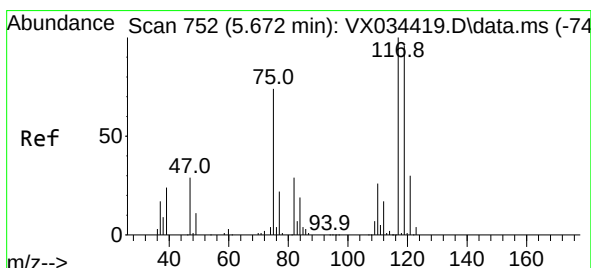
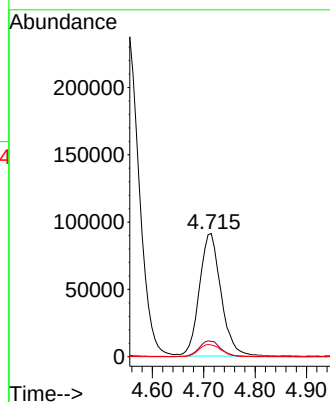
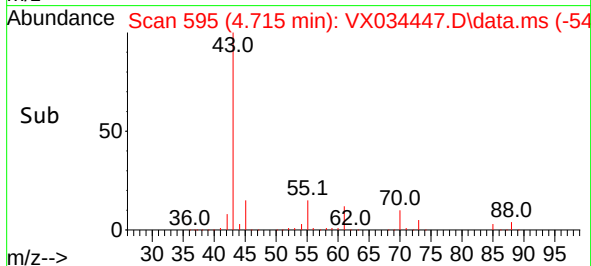
Tgt Ion: 43	Resp: 26549
Ion Ratio	Lower Upper
43	100
61	12.8 10.2 15.4
70	10.5 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#38

Carbon Tetrachloride

Concen: 44.617 ug/l

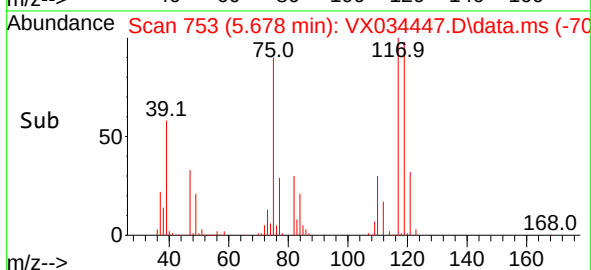
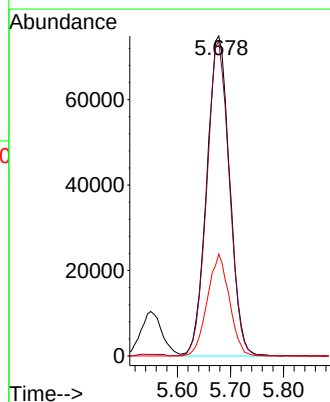
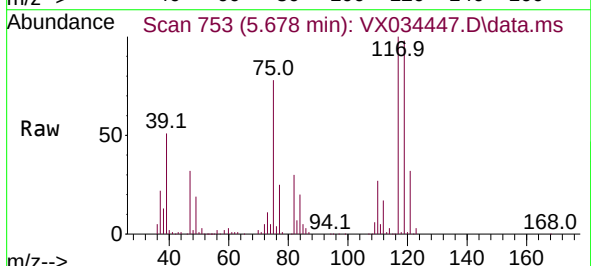
RT: 5.678 min Scan# 753

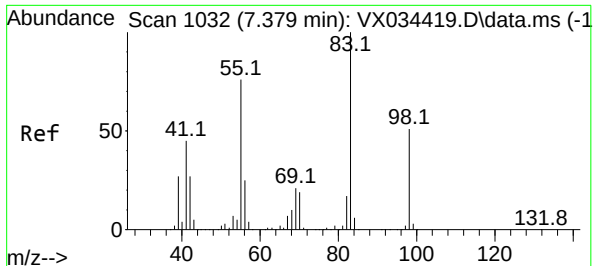
Delta R.T. 0.006 min

Lab File: VX034447.D

Acq: 13 Mar 2023 20:54

Tgt Ion:117	Resp: 224706
Ion Ratio	Lower Upper
117	100
119	98.3 76.6 114.8
121	31.8 23.8 35.6





#39

Methylcyclohexane

Concen: 42.354 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034447.D

Acq: 13 Mar 2023 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDC0050EC

Tgt Ion: 83 Resp: 256598

Ion Ratio Lower Upper

83 100

55 81.0 60.5 90.7

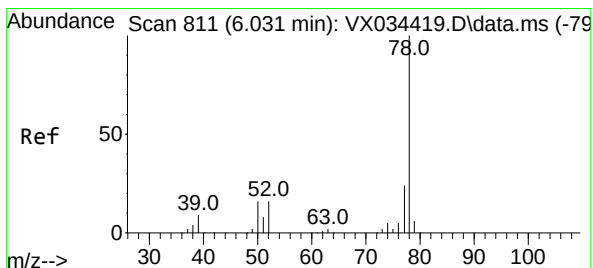
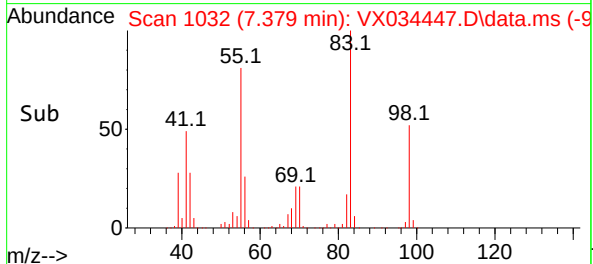
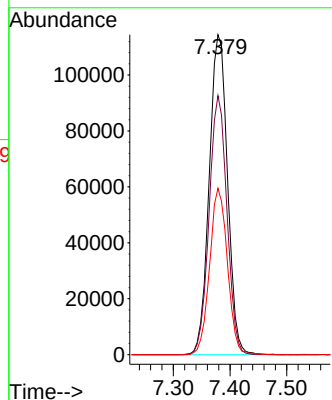
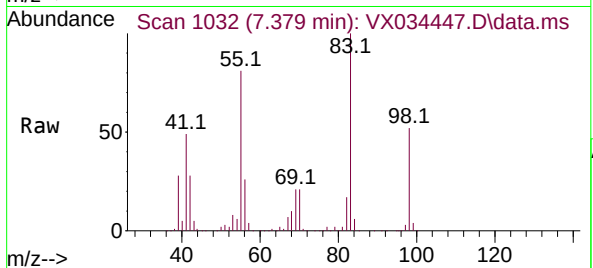
98 52.0 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#40

Benzene

Concen: 46.567 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX034447.D

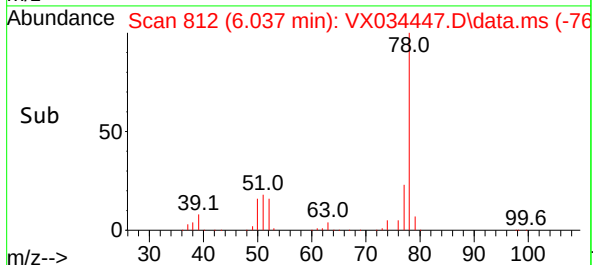
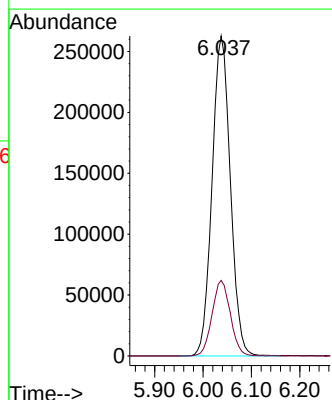
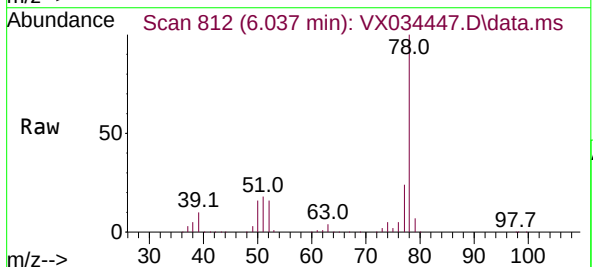
Acq: 13 Mar 2023 20:54

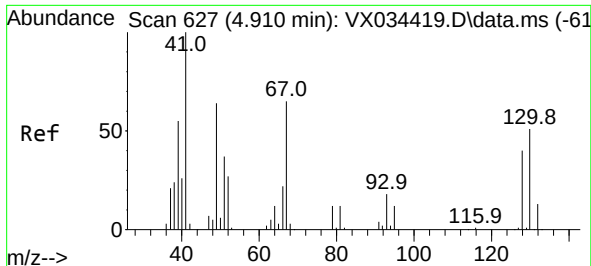
Tgt Ion: 78 Resp: 689648

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.4





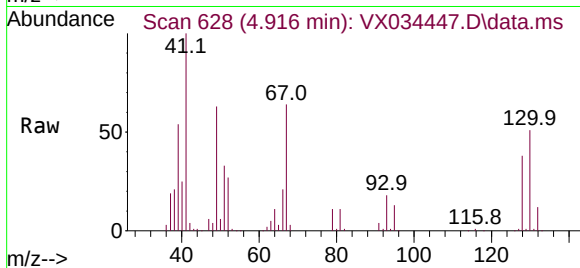
#41
Methacrylonitrile
Concen: 49.510 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



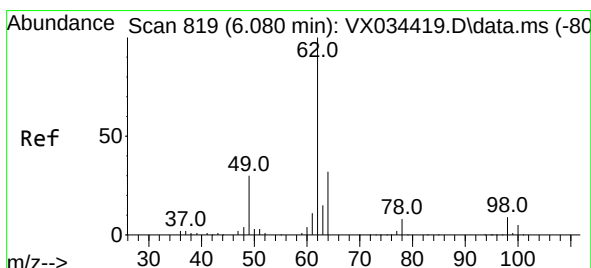
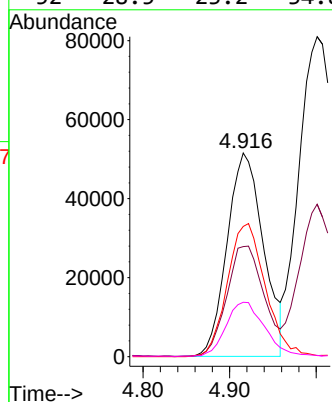
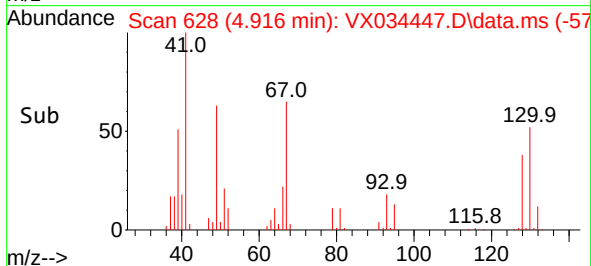
Tgt Ion: 41 Resp: 150064
Ion Ratio Lower Upper
41 100
39 56.2 45.0 67.6
67 68.4 55.6 83.4
52 28.5 23.2 34.8

Manual Integrations

APPROVED

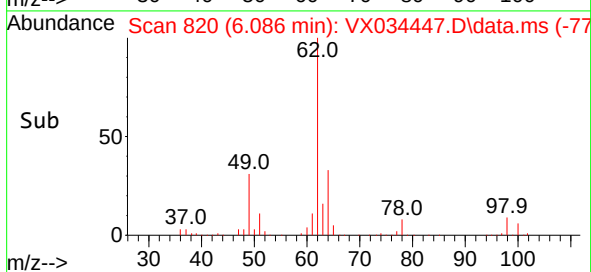
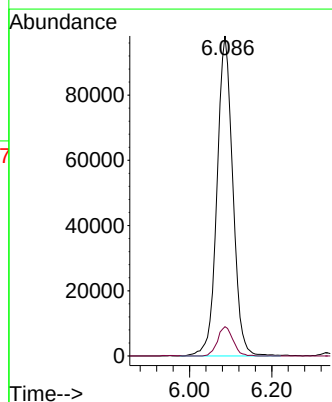
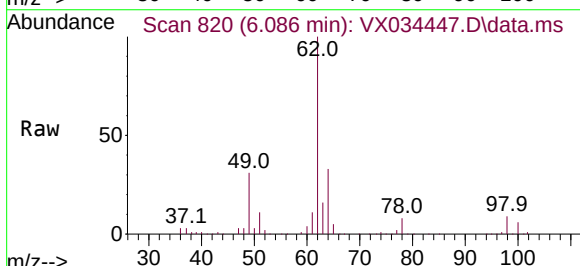
Reviewed By :John Carlone 03/14/2023

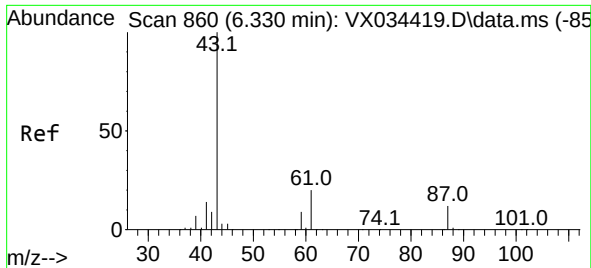
Supervised By :Mahesh Dadoda 03/15/2023



#42
1,2-Dichloroethane
Concen: 48.131 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

Tgt Ion: 62 Resp: 261970
Ion Ratio Lower Upper
62 100
98 9.0 0.0 18.0





#43

Isopropyl Acetate

Concen: 48.407 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX034447.D

Acq: 13 Mar 2023 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 453538

Ion Ratio Lower Upper

43 100

61 19.2 15.2 22.8

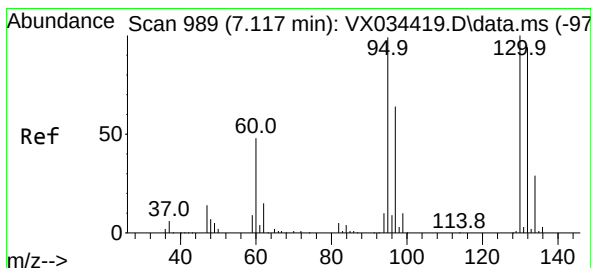
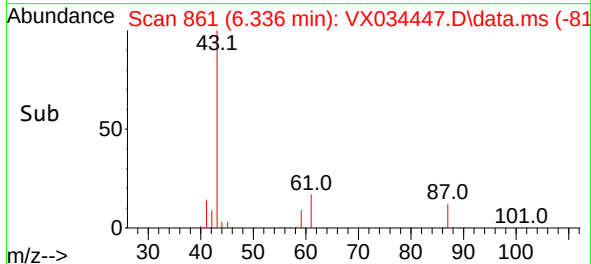
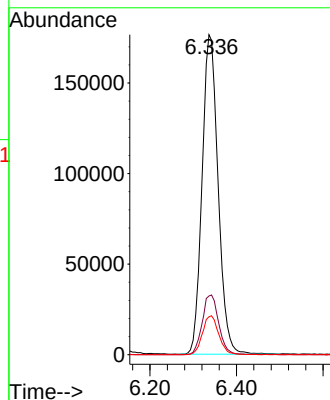
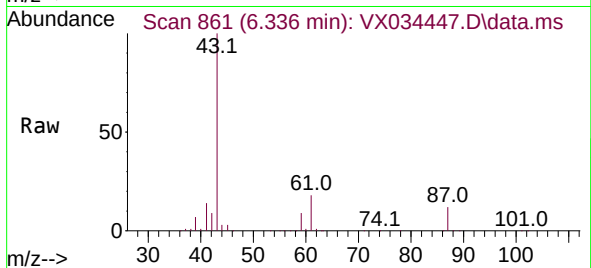
87 12.3 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#44

Trichloroethene

Concen: 45.243 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX034447.D

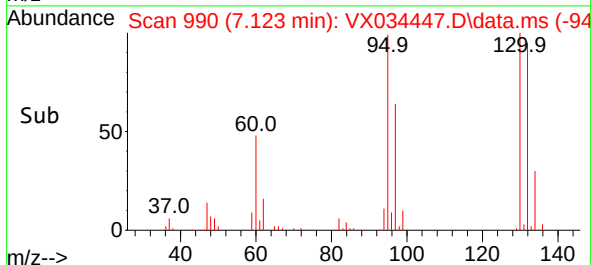
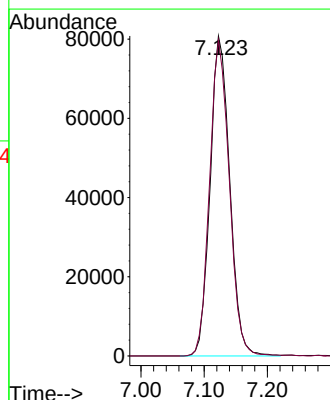
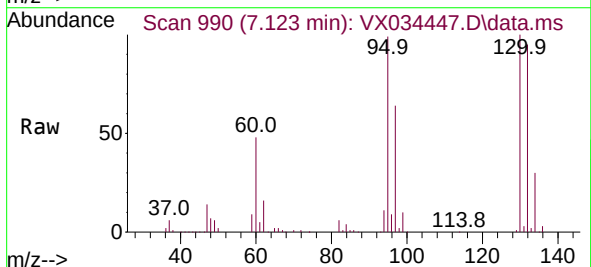
Acq: 13 Mar 2023 20:54

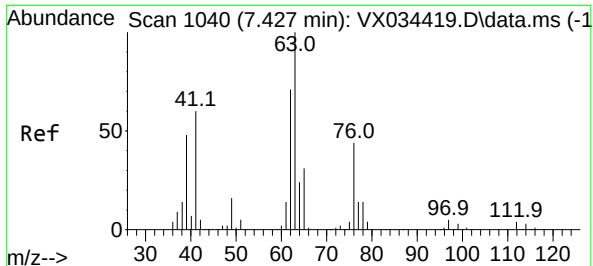
Tgt Ion:130 Resp: 174094

Ion Ratio Lower Upper

130 100

95 98.8 0.0 198.4





#45

1,2-Dichloropropane

Concen: 47.543 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX034447.D

Acq: 13 Mar 2023 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 18384

Ion Ratio Lower Upper

63 100

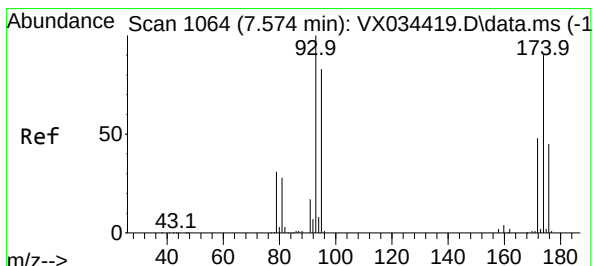
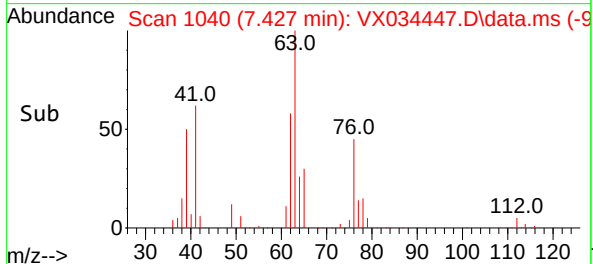
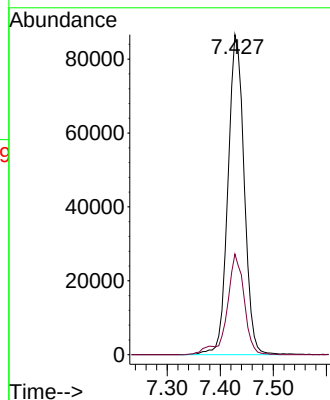
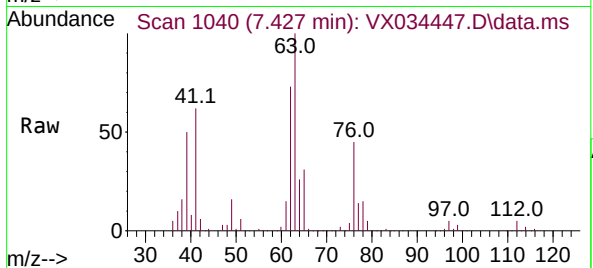
65 31.4 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#46

Dibromomethane

Concen: 47.446 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX034447.D

Acq: 13 Mar 2023 20:54

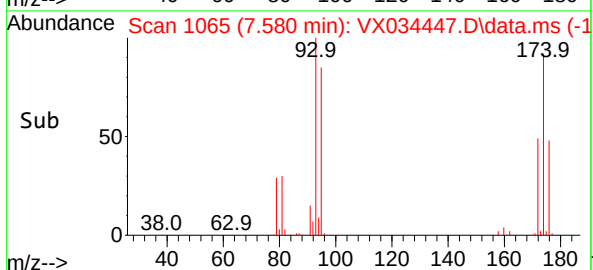
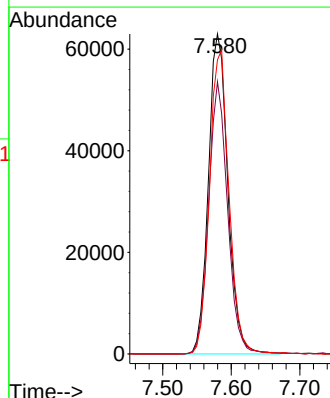
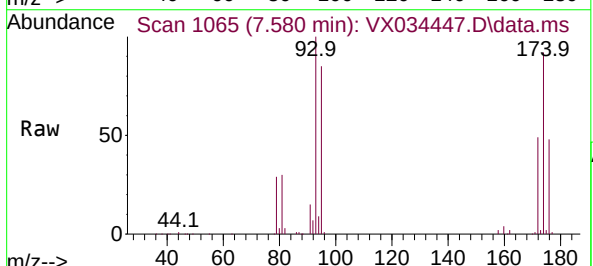
Tgt Ion: 93 Resp: 124732

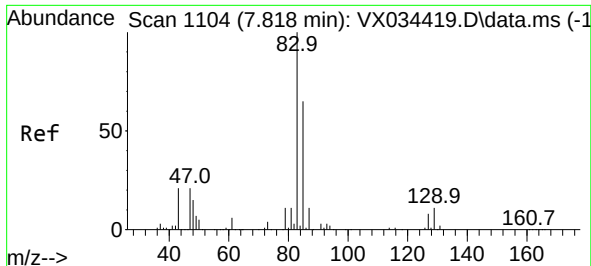
Ion Ratio Lower Upper

93 100

95 83.0 66.9 100.3

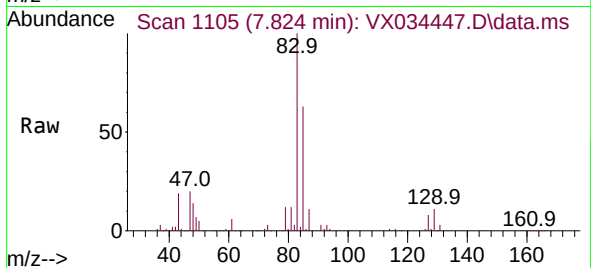
174 95.1 75.4 113.0





#47
Bromodichloromethane
Concen: 48.416 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

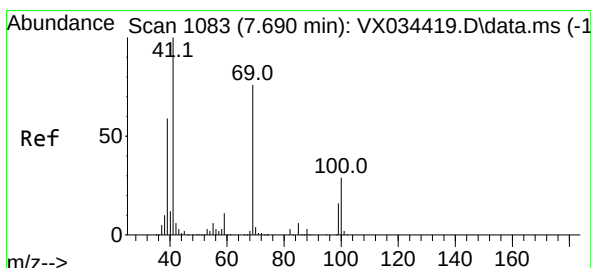
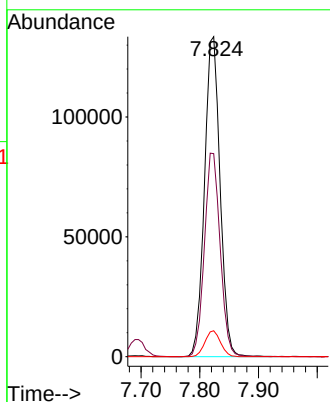
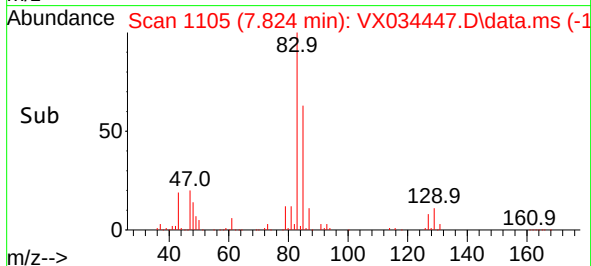
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 246339
Ion Ratio Lower Upper
83 100
85 63.4 52.2 78.4
127 8.1 6.6 9.8

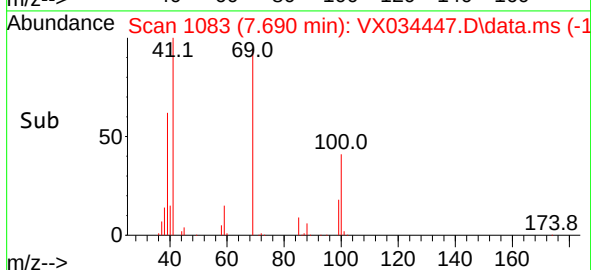
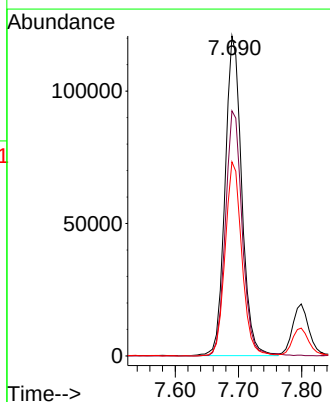
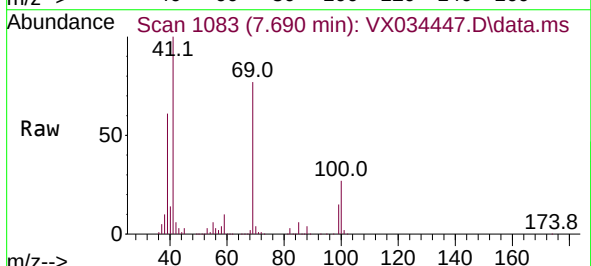
Manual Integrations
APPROVED

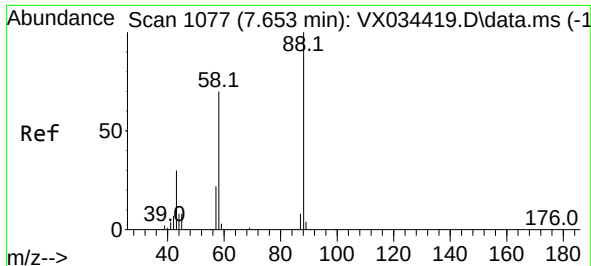
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#48
Methyl methacrylate
Concen: 48.965 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

Tgt Ion: 41 Resp: 220643
Ion Ratio Lower Upper
41 100
69 77.9 62.2 93.4
39 61.0 47.7 71.5





#49

1,4-Dioxane

Concen: 1092.405 ug/l

RT: 7.659 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VX034447.D

Acq: 13 Mar 2023 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDC0050EC

Tgt Ion: 88 Resp: 103392

Ion Ratio Lower Upper

88 100

43 33.8 27.7 41.5

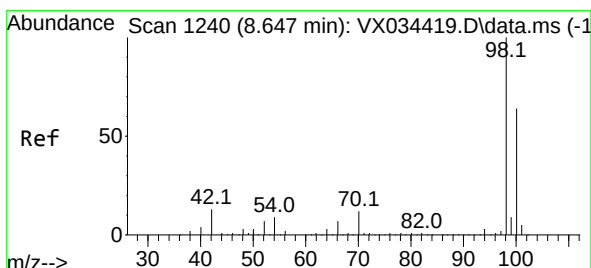
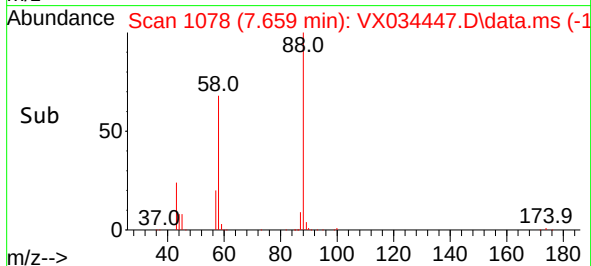
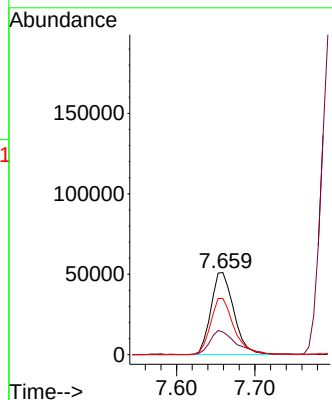
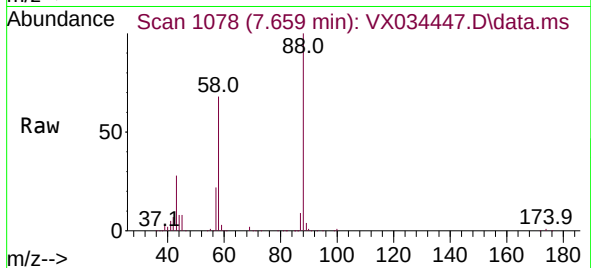
58 70.3 56.8 85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#50

Toluene-d8

Concen: 42.599 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034447.D

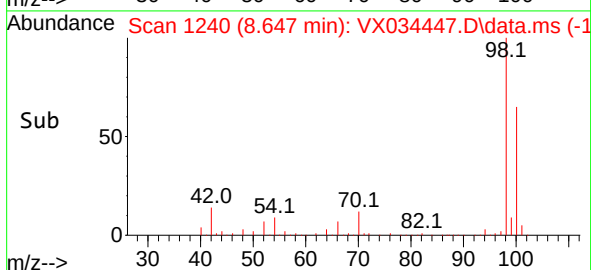
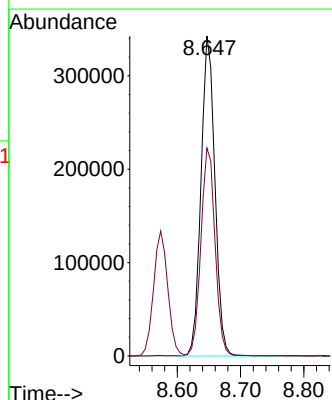
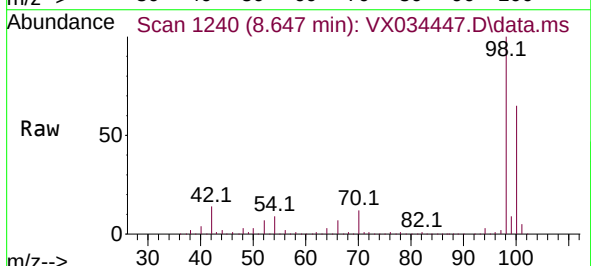
Acq: 13 Mar 2023 20:54

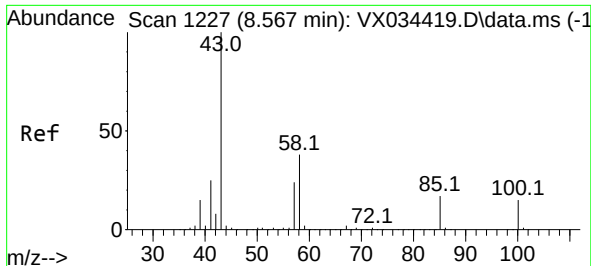
Tgt Ion: 98 Resp: 524153

Ion Ratio Lower Upper

98 100

100 66.1 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 258.670 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

Instrument :

MSVOA_X

ClientSampleId :

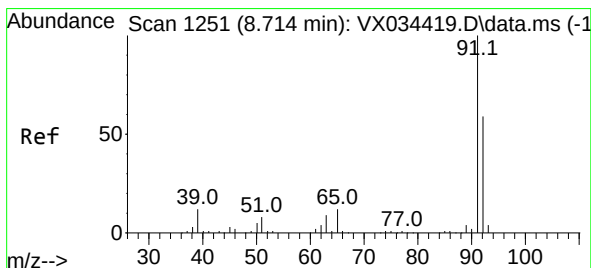
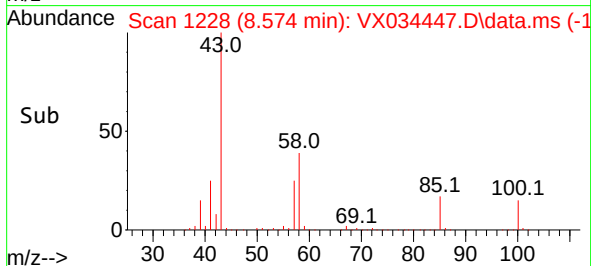
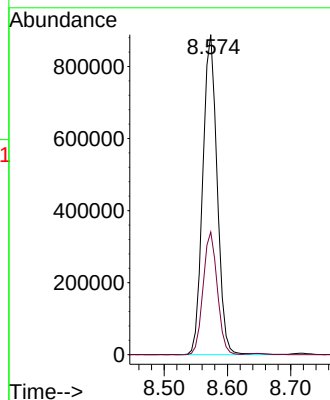
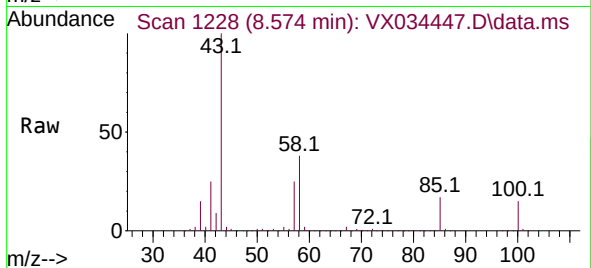
VSTDCCC050EC

Tgt Ion: 43 Resp: 1405929
Ion Ratio Lower Upper
43 100
58 37.9 30.6 46.0

Manual Integrations

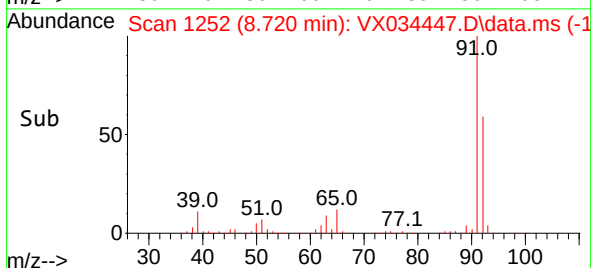
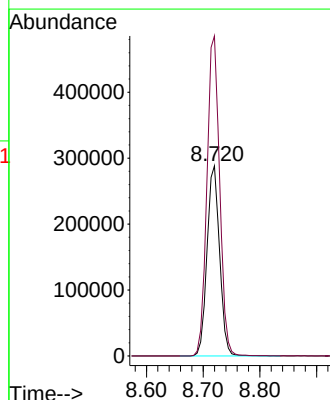
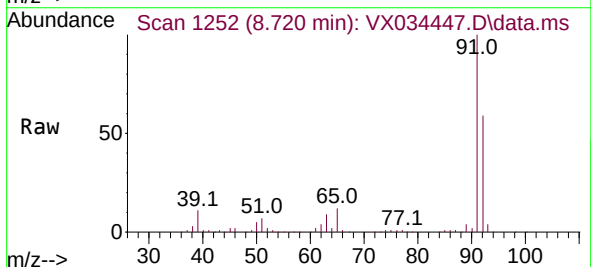
APPROVED

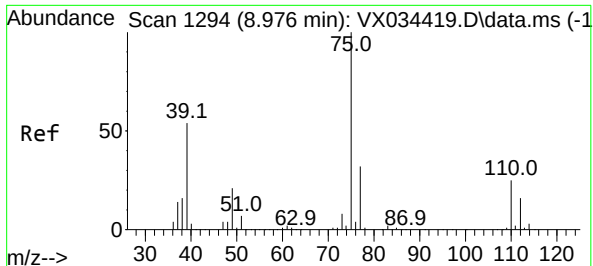
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#52
Toluene
Concen: 48.272 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

Tgt Ion: 92 Resp: 442597
Ion Ratio Lower Upper
92 100
91 170.6 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 48.597 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX034447.D

Acq: 13 Mar 2023 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 27856

Ion Ratio Lower Upper

75 100

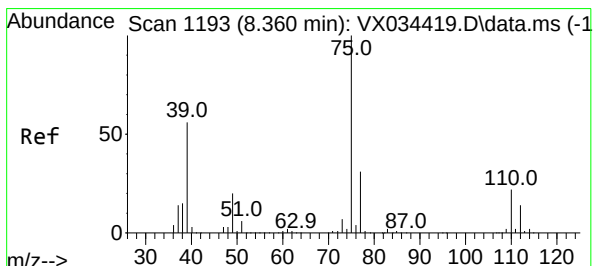
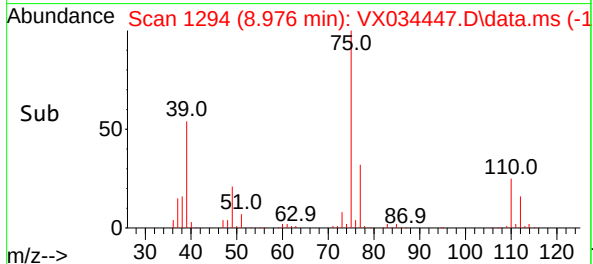
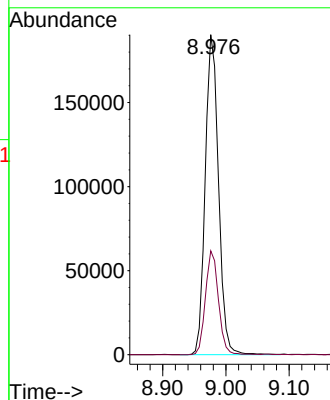
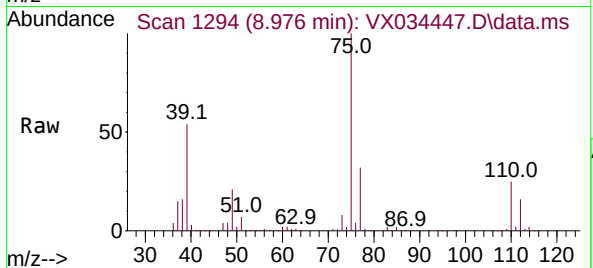
77 32.5 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#54

cis-1,3-Dichloropropene

Concen: 47.289 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX034447.D

Acq: 13 Mar 2023 20:54

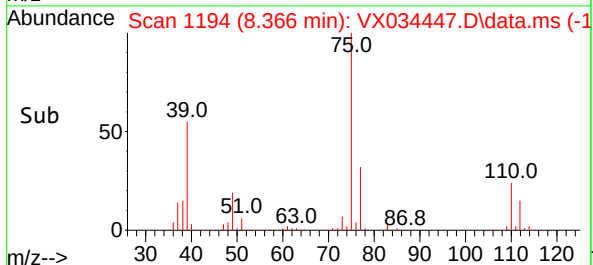
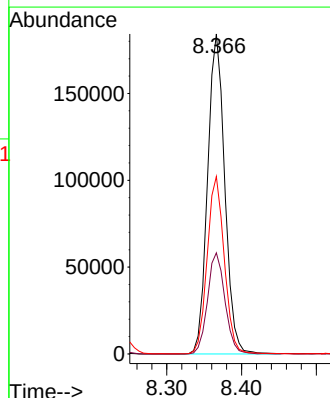
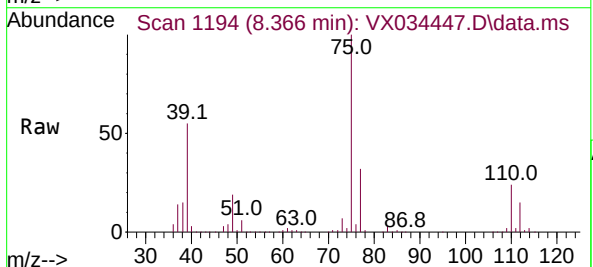
Tgt Ion: 75 Resp: 293264

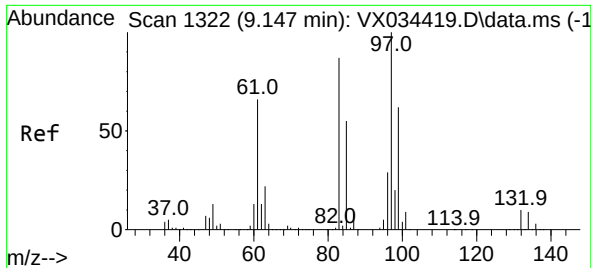
Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.4

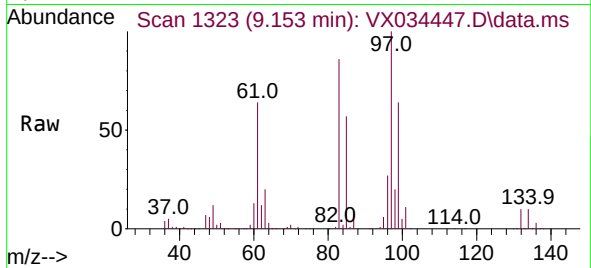
39 55.4 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 49.860 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

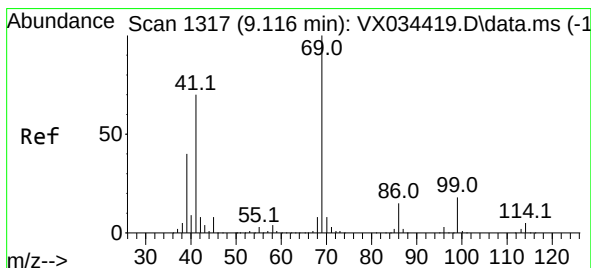
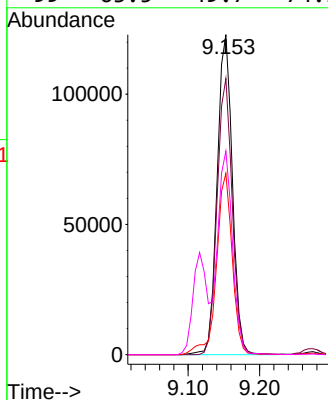
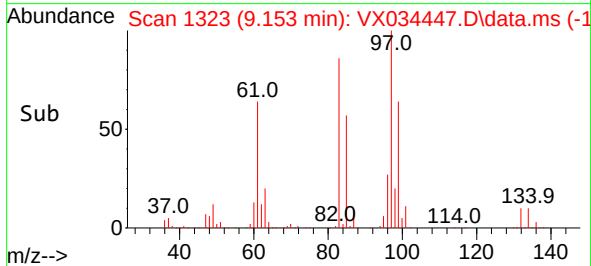


Tgt Ion: 97 Resp: 181432

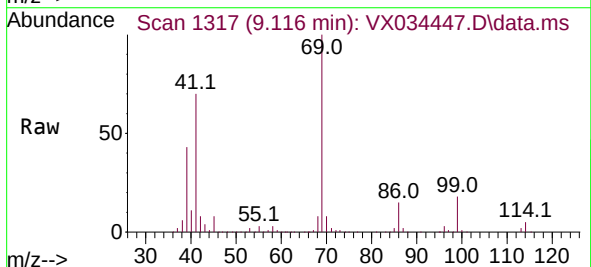
Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.7	104.5
85	56.7	43.7	65.5
99	63.5	49.7	74.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

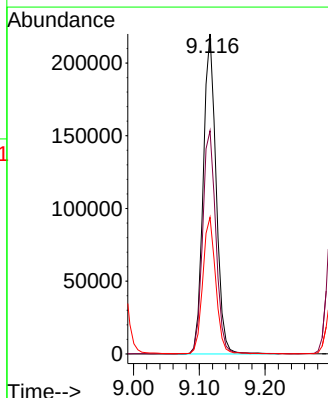
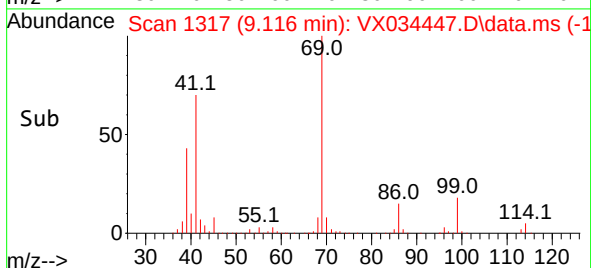


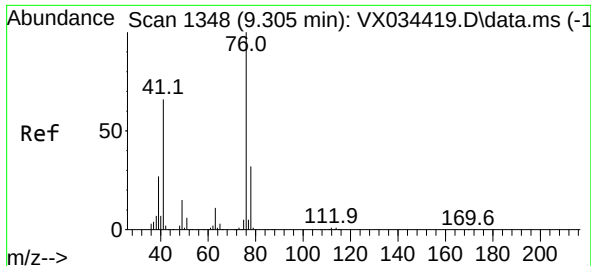
#56
Ethyl methacrylate
Concen: 50.077 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54



Tgt Ion: 69 Resp: 299188

Ion	Ratio	Lower	Upper
69	100		
41	71.8	57.4	86.0
39	43.1	33.7	50.5





#57

1,3-Dichloropropane

Concen: 48.893 ug/l

RT: 9.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034447.D

Acq: 13 Mar 2023 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 316198

Ion Ratio Lower Upper

76 100

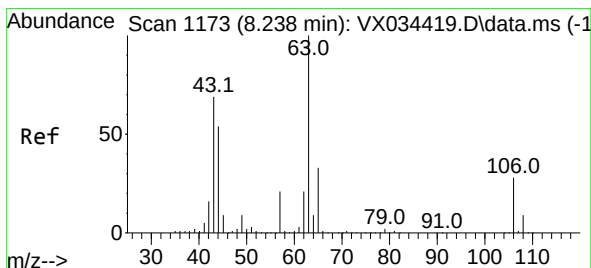
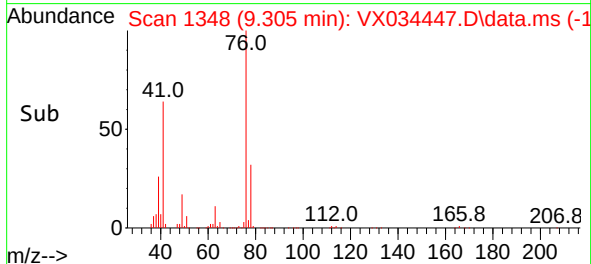
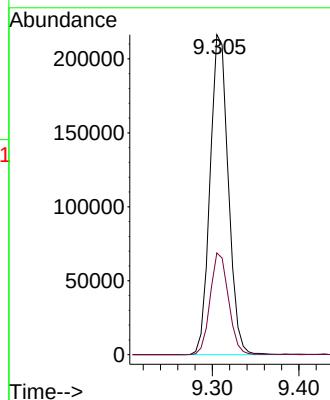
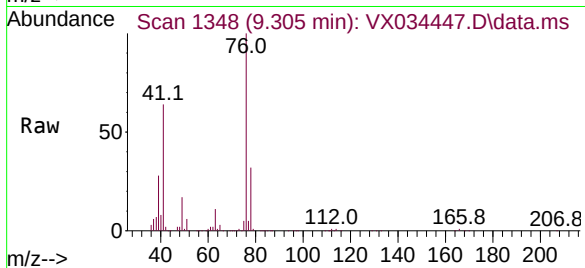
78 32.1 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#58

2-Chloroethyl Vinyl ether

Concen: 241.245 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034447.D

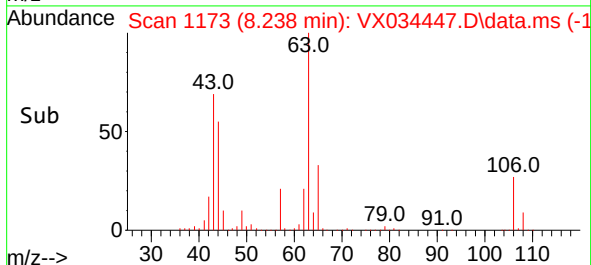
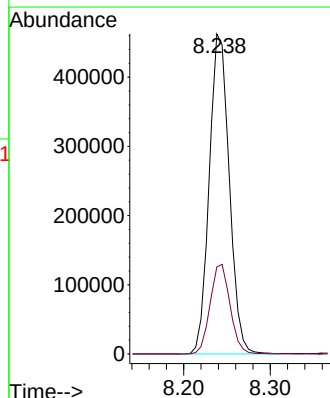
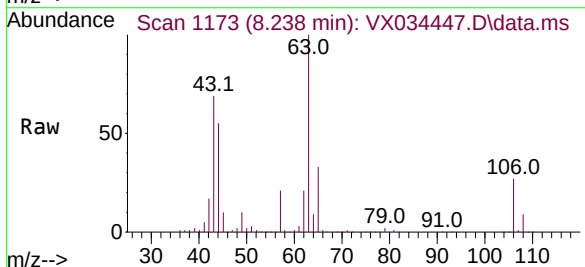
Acq: 13 Mar 2023 20:54

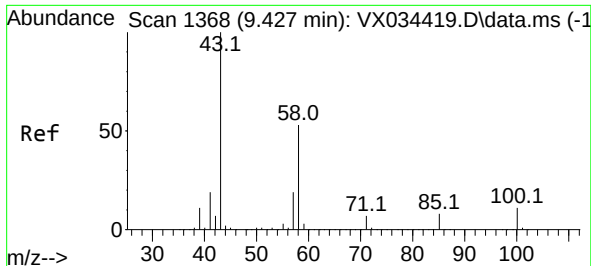
Tgt Ion: 63 Resp: 742795

Ion Ratio Lower Upper

63 100

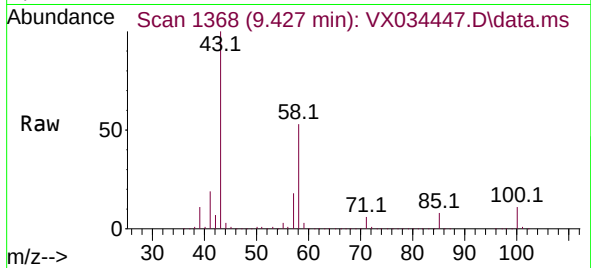
106 27.9 22.2 33.2





#59
2-Hexanone
Concen: 258.586 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

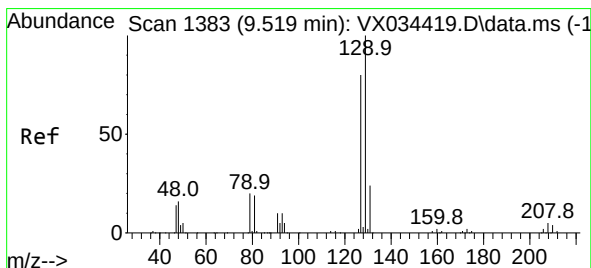
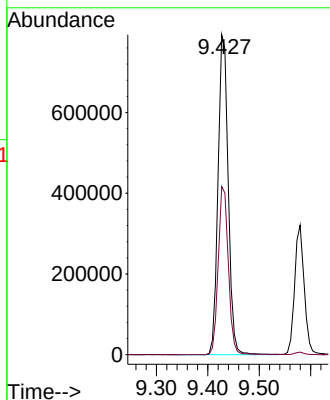
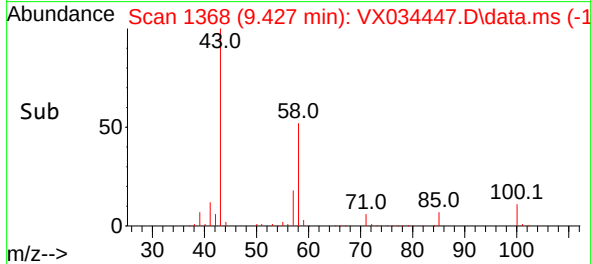
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1086450
Ion Ratio Lower Upper
43 100
58 52.4 26.3 78.9

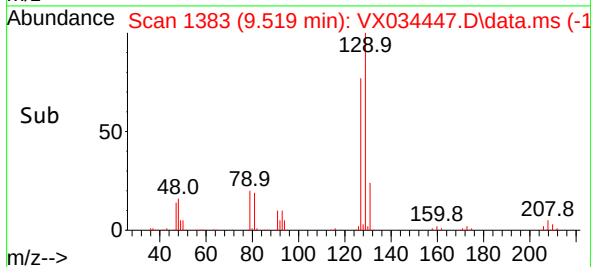
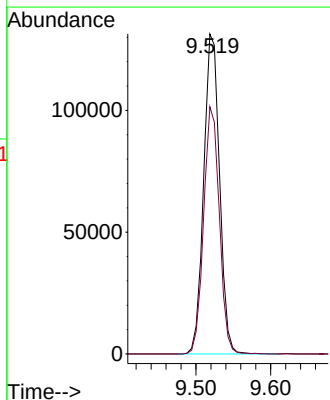
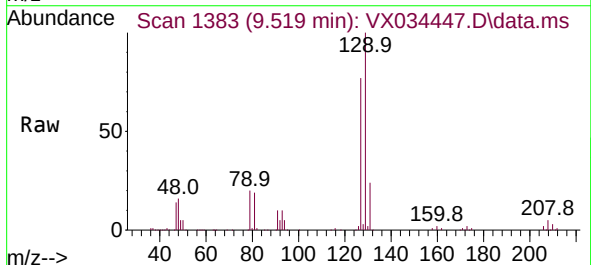
Manual Integrations
APPROVED

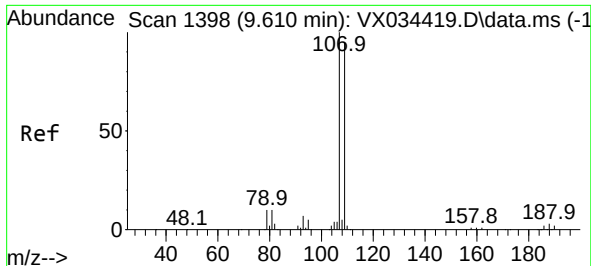
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#60
Dibromochloromethane
Concen: 50.684 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

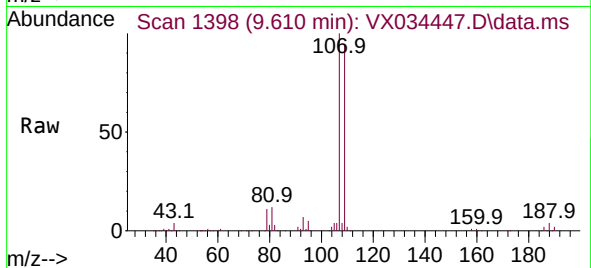
Tgt Ion:129 Resp: 193428
Ion Ratio Lower Upper
129 100
127 76.6 39.0 117.0





#61
1,2-Dibromoethane
Concen: 49.279 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

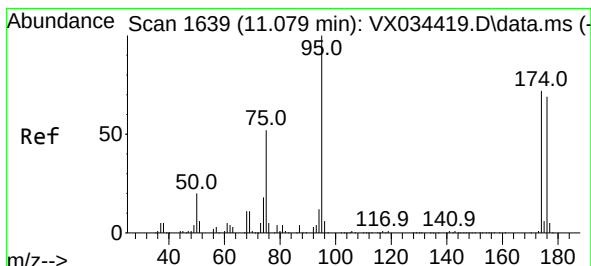
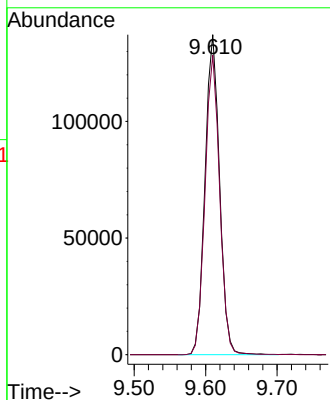
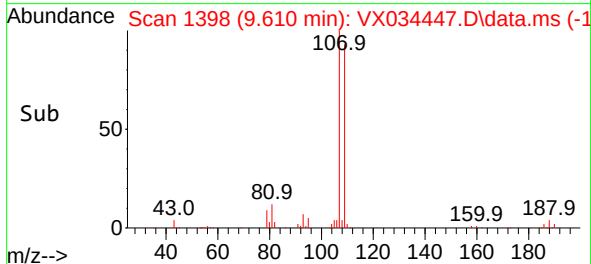
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



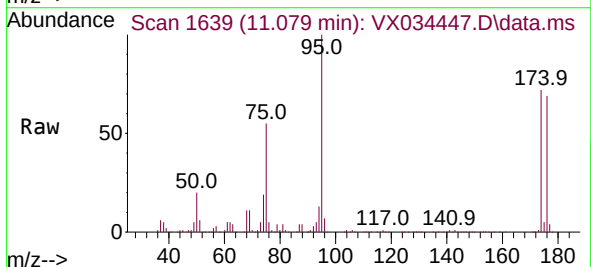
Tgt Ion:107 Resp: 19350
Ion Ratio Lower Upper
107 100
109 94.3 75.3 112.9

Manual Integrations
APPROVED

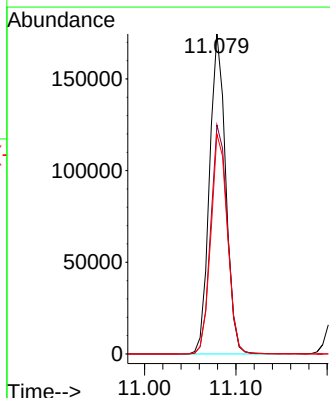
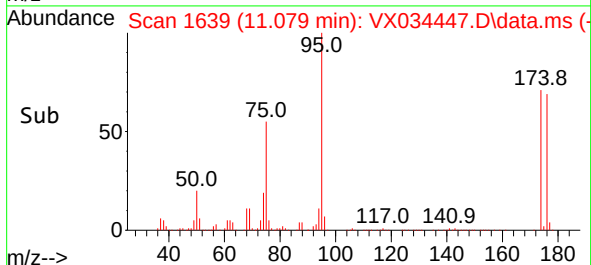
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

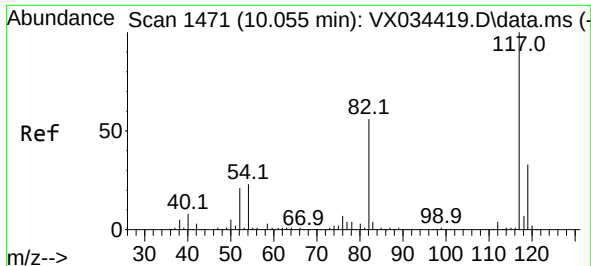


#62
4-Bromofluorobenzene
Concen: 43.183 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54



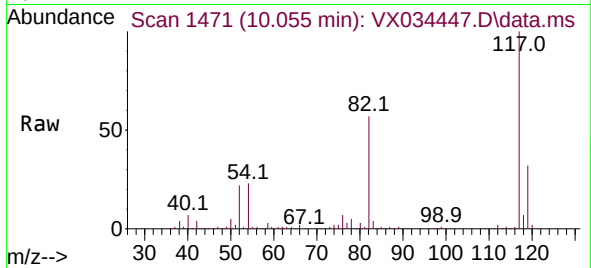
Tgt Ion: 95 Resp: 214620
Ion Ratio Lower Upper
95 100
174 73.8 0.0 147.4
176 70.4 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

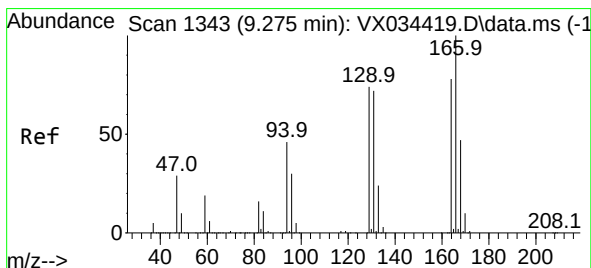
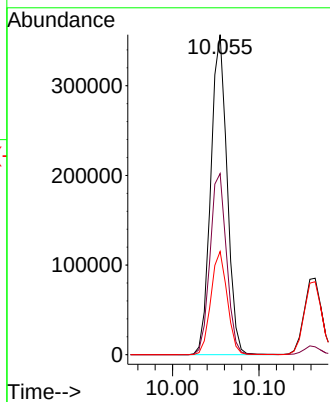
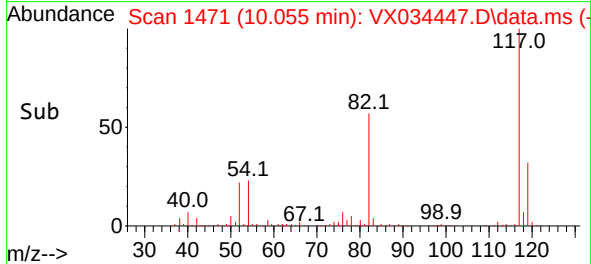
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 467369
Ion Ratio Lower Upper
117 100
82 56.6 45.0 67.4
119 32.3 26.0 39.0

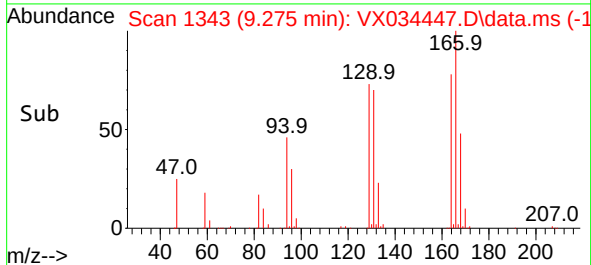
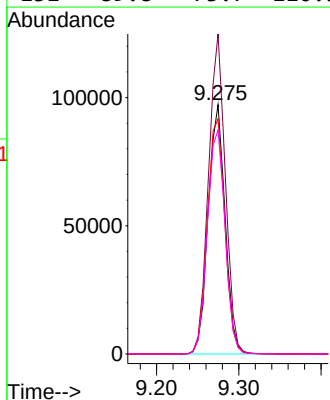
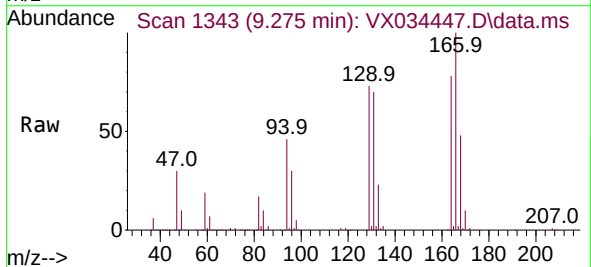
Manual Integrations
APPROVED

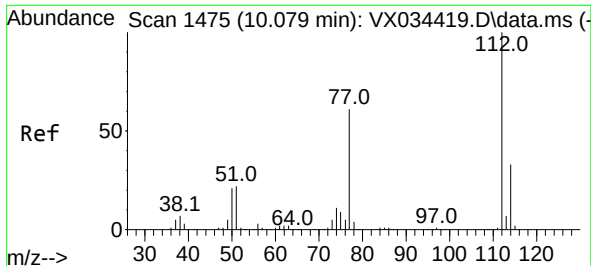
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#64
Tetrachloroethene
Concen: 44.237 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

Tgt Ion:164 Resp: 138883
Ion Ratio Lower Upper
164 100
166 128.3 102.7 154.1
129 94.2 75.6 113.4
131 89.8 73.7 110.5





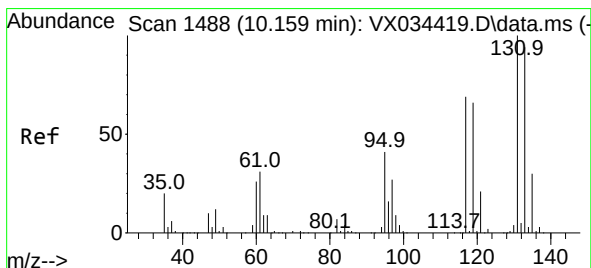
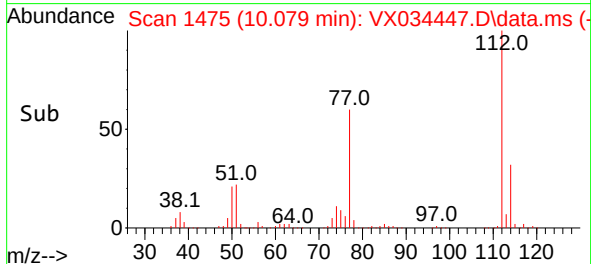
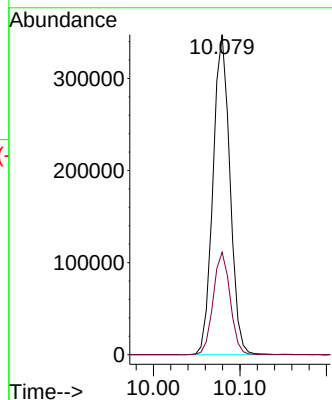
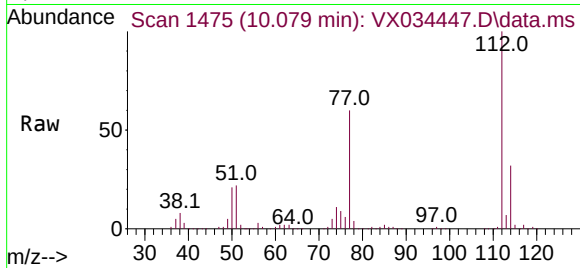
#65
Chlorobenzene
Concen: 46.111 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 47284
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.2

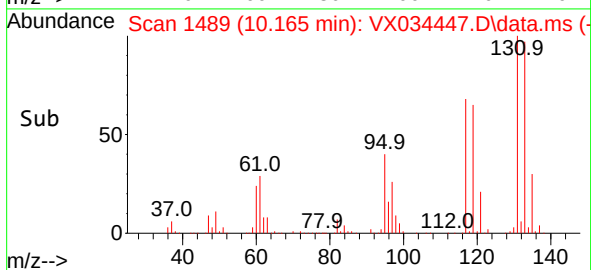
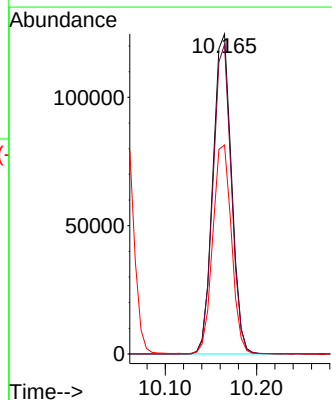
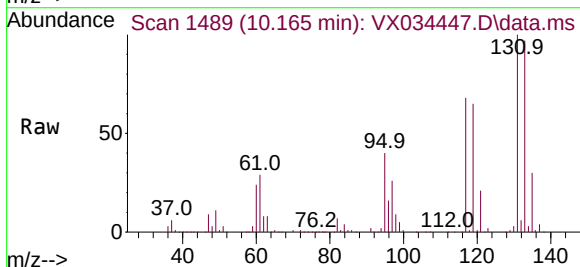
Manual Integrations
APPROVED

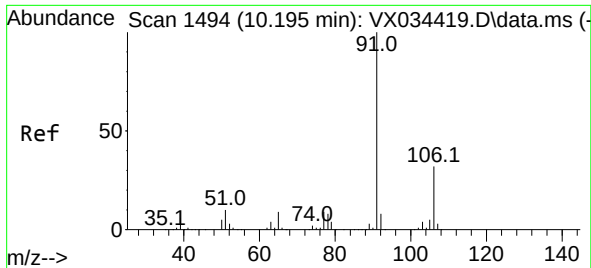
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 47.126 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

Tgt Ion:131 Resp: 176005
Ion Ratio Lower Upper
131 100
133 95.6 47.1 141.4
119 65.6 32.6 98.0





#67

Ethyl Benzene

Concen: 46.464 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX034447.D

Acq: 13 Mar 2023 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 852980

Ion Ratio Lower Upper

91 100

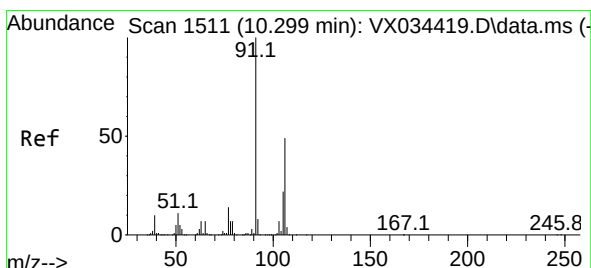
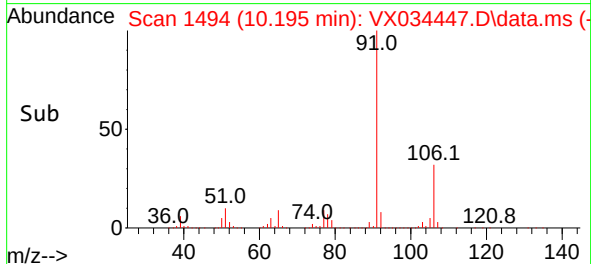
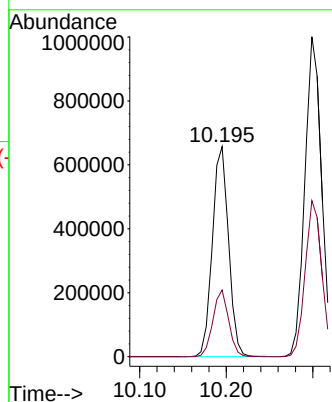
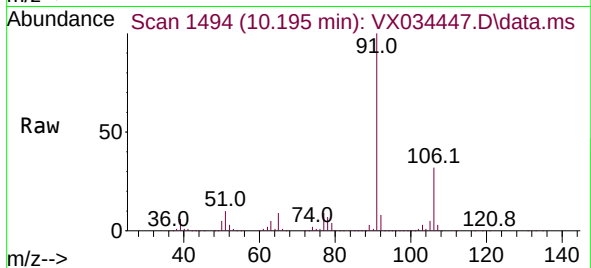
106 31.8 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#68

m/p-Xylenes

Concen: 92.237 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX034447.D

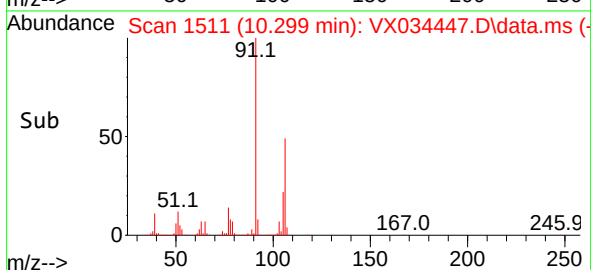
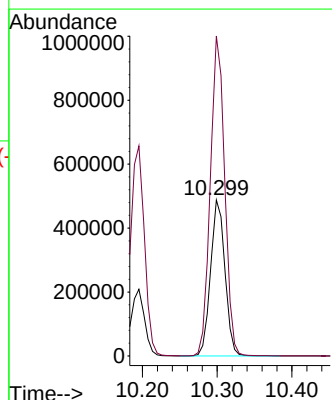
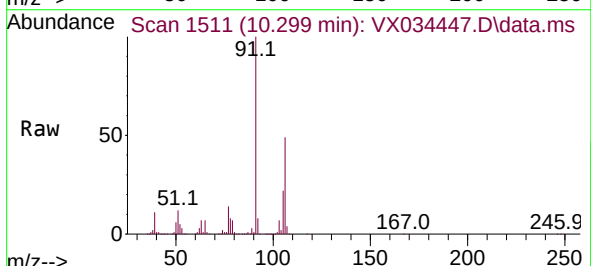
Acq: 13 Mar 2023 20:54

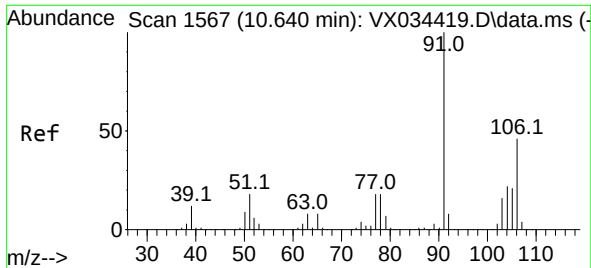
Tgt Ion:106 Resp: 650457

Ion Ratio Lower Upper

106 100

91 205.3 164.0 246.0





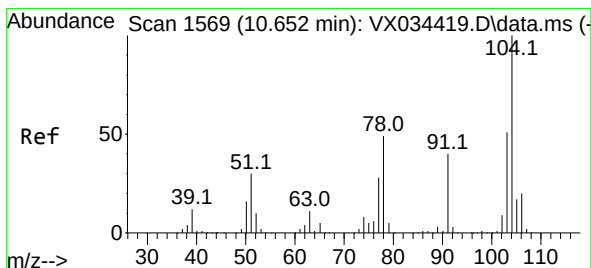
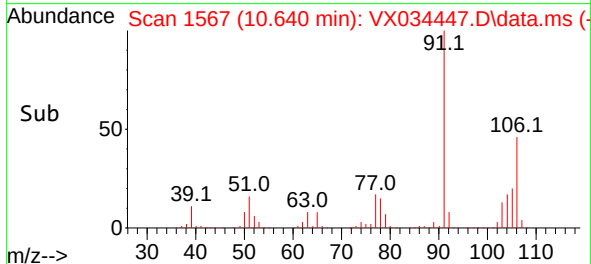
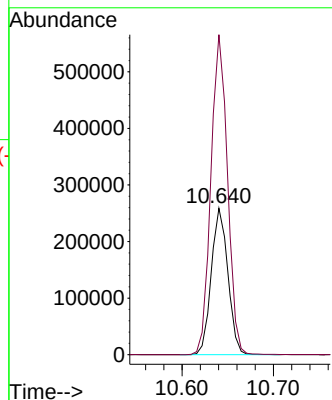
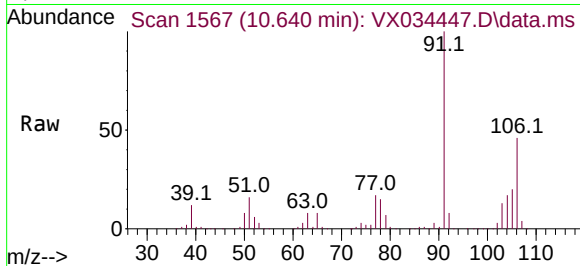
#69
o-Xylene
Concen: 46.060 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 325960
Ion Ratio Lower Upper
106 100
91 218.2 108.5 325.3

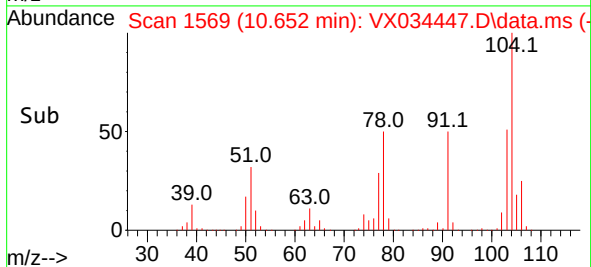
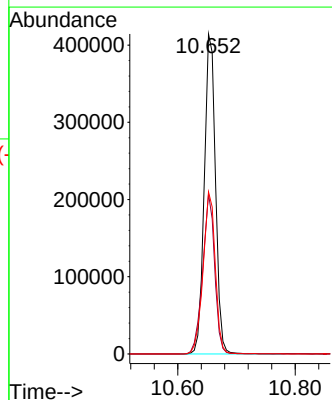
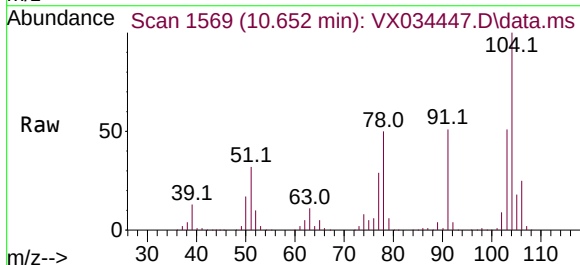
Manual Integrations
APPROVED

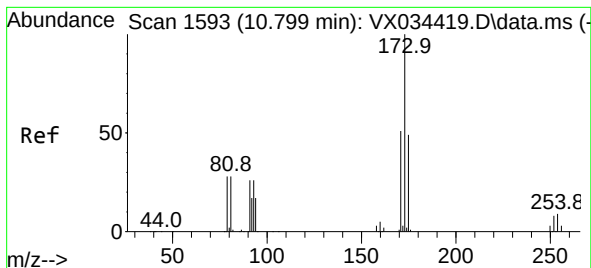
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#70
Styrene
Concen: 48.128 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

Tgt Ion:104 Resp: 549526
Ion Ratio Lower Upper
104 100
78 53.3 43.4 65.2
103 54.9 44.2 66.2





#71

Bromoform

Concen: 48.911 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX034447.D

Acq: 13 Mar 2023 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 14061

Ion Ratio Lower Upper

173 100

175 48.8 24.1 72.4

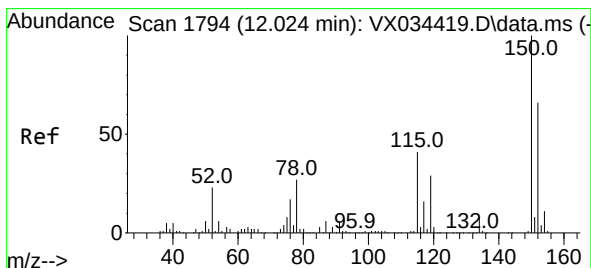
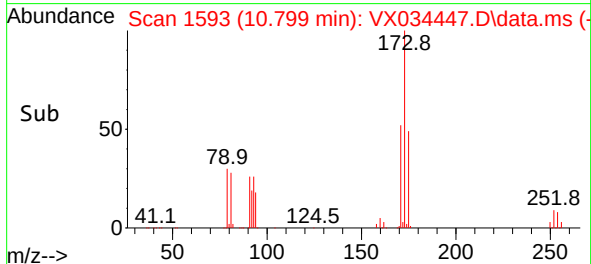
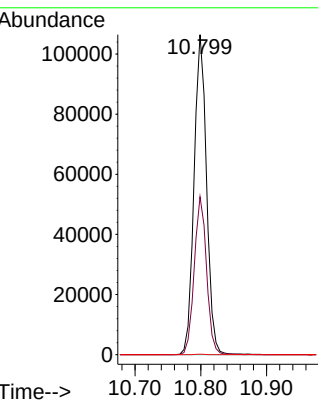
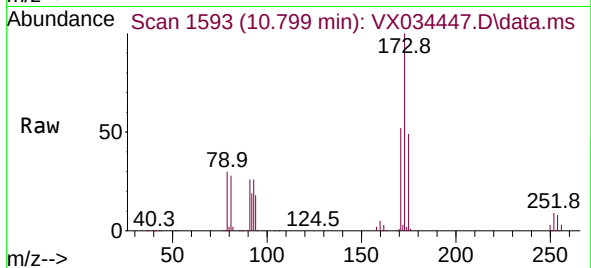
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX034447.D

Acq: 13 Mar 2023 20:54

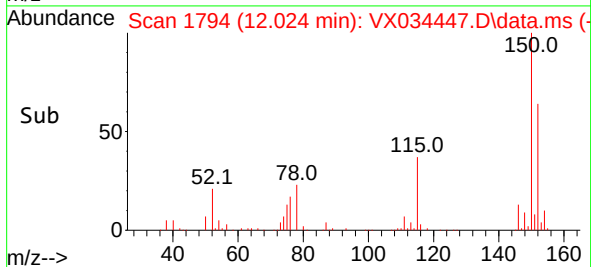
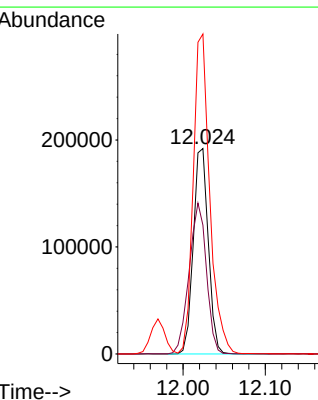
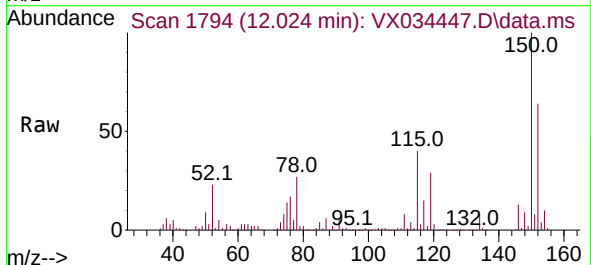
Tgt Ion:152 Resp: 243087

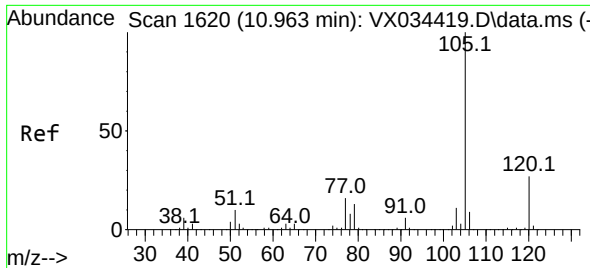
Ion Ratio Lower Upper

152 100

115 85.1 45.0 135.0

150 171.6 0.0 352.4





#73
Isopropylbenzene
Concen: 44.598 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

Instrument :

MSVOA_X

ClientSampleId :

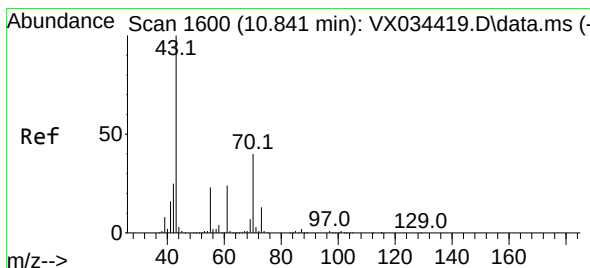
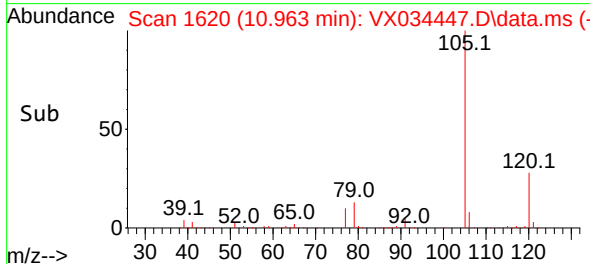
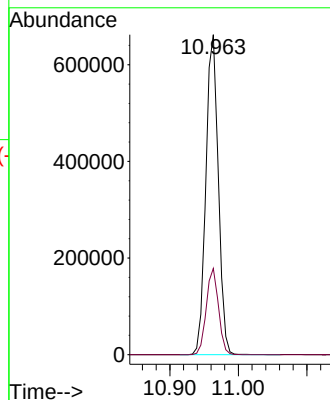
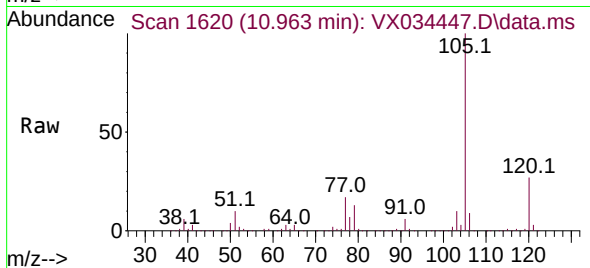
VSTDCCC050EC

Tgt Ion:105 Resp: 837889
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9

Manual Integrations

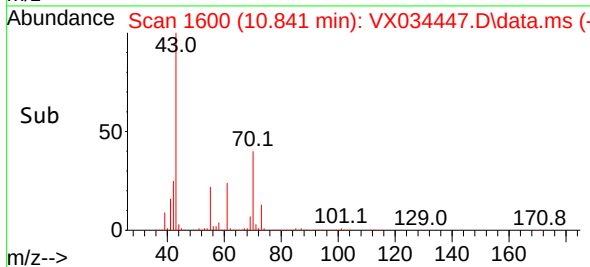
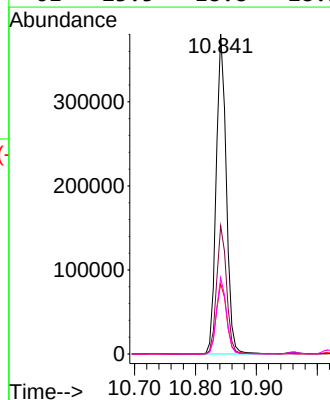
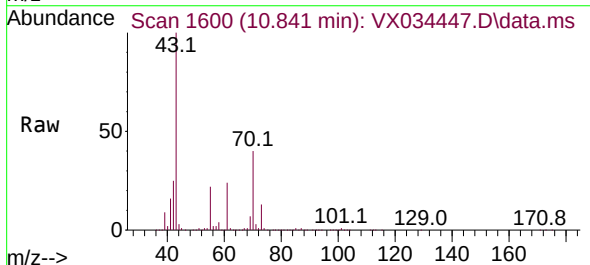
APPROVED

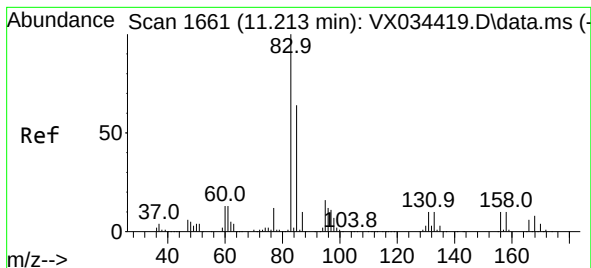
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#74
N-ethyl acetate
Concen: 48.708 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

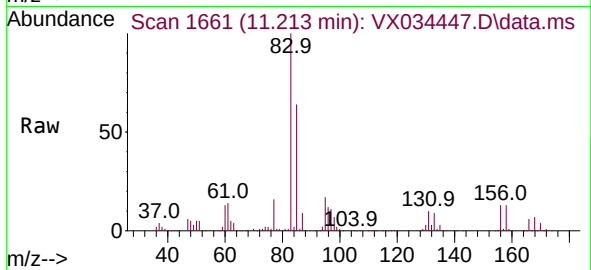
Tgt Ion: 43 Resp: 438313
Ion Ratio Lower Upper
43 100
70 39.8 32.1 48.1
55 22.6 18.3 27.5
61 23.5 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 48.392 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

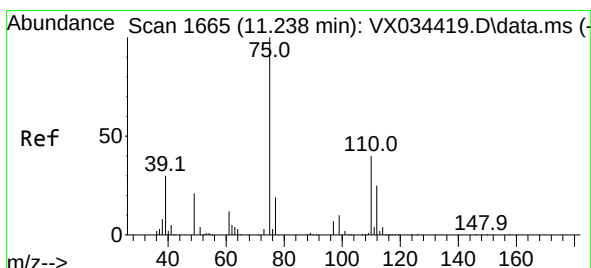
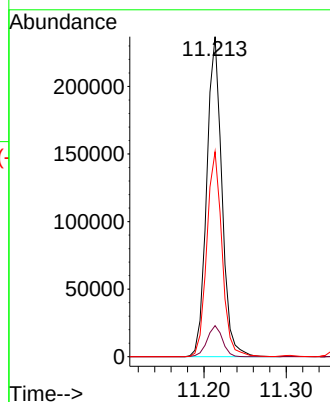
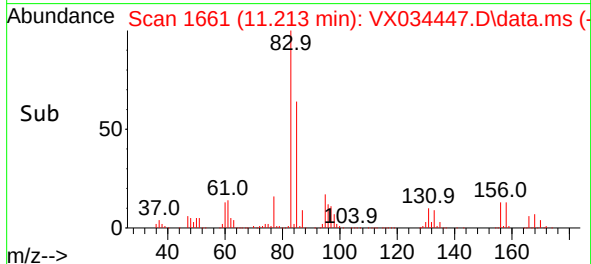
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



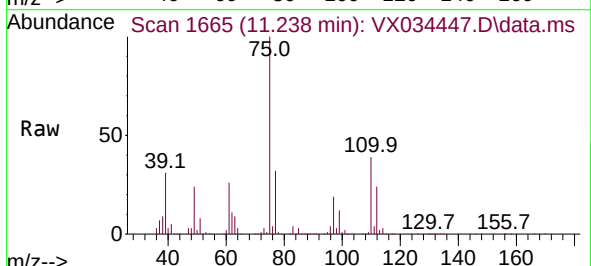
Tgt Ion: 83 Resp: 303385
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.3
85 64.3 32.0 96.0

Manual Integrations
APPROVED

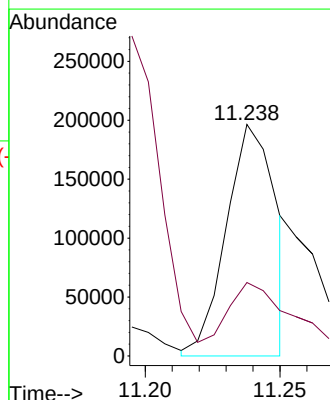
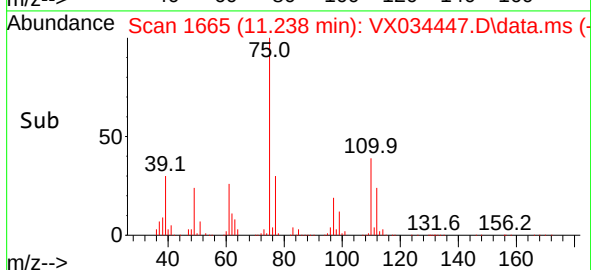
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

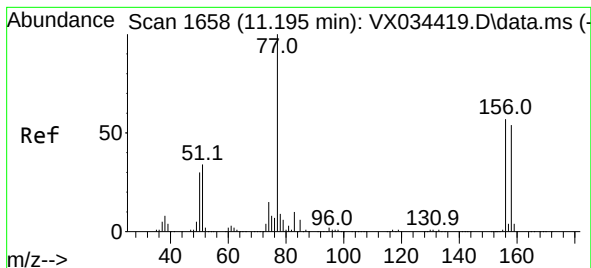


#76
1,2,3-Trichloropropane
Concen: 44.948 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54



Tgt Ion: 75 Resp: 250878
Ion Ratio Lower Upper
75 100
77 43.6 21.6 64.8





#77

Bromobenzene

Concen: 45.555 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX034447.D

Acq: 13 Mar 2023 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

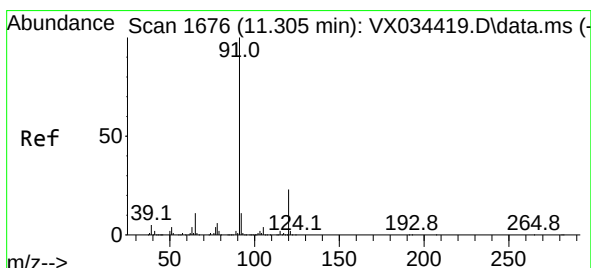
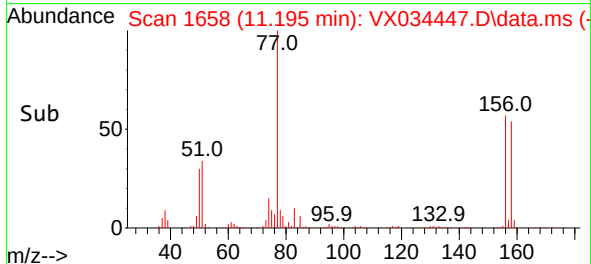
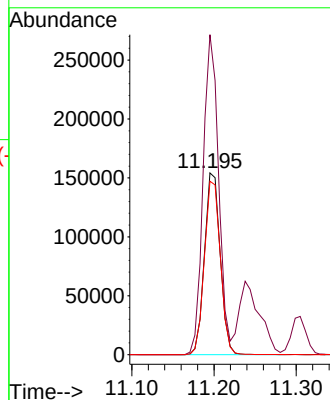
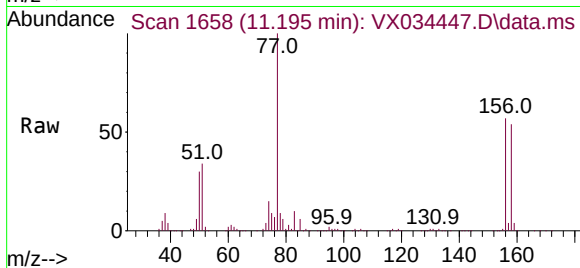
Tgt Ion:156 Resp: 20534
 Ion Ratio Lower Upper
 156 100
 77 173.0 86.7 259.9
 158 96.9 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#78

n-propylbenzene

Concen: 45.313 ug/l

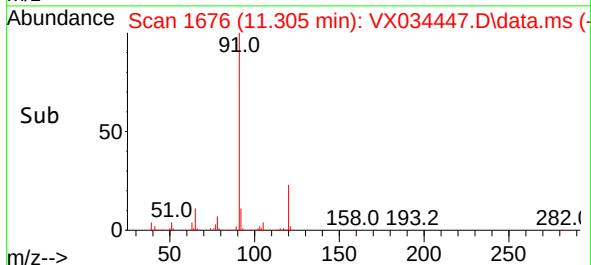
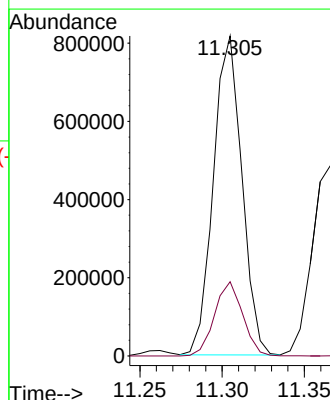
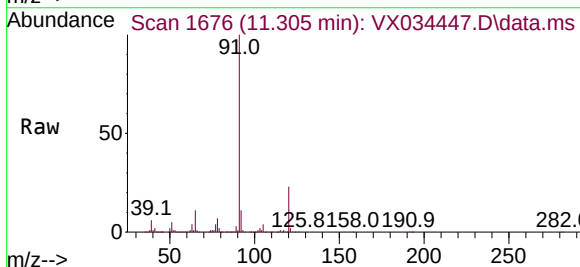
RT: 11.305 min Scan# 1676

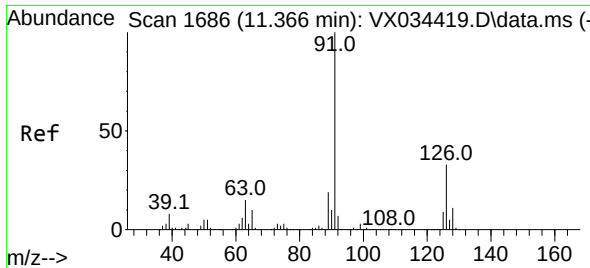
Delta R.T. -0.000 min

Lab File: VX034447.D

Acq: 13 Mar 2023 20:54

Tgt Ion: 91 Resp: 983188
 Ion Ratio Lower Upper
 91 100
 120 23.0 11.5 34.5





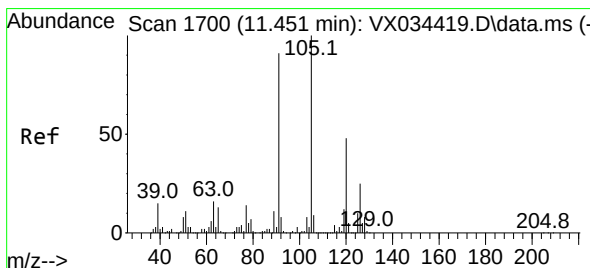
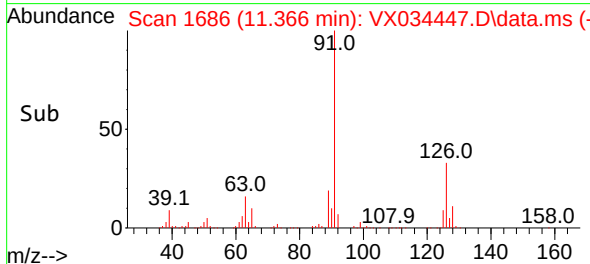
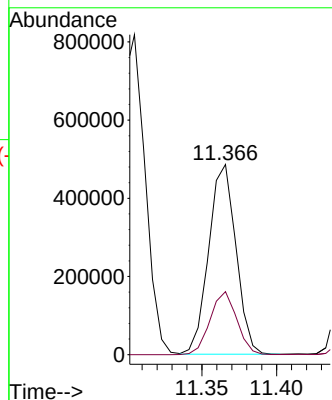
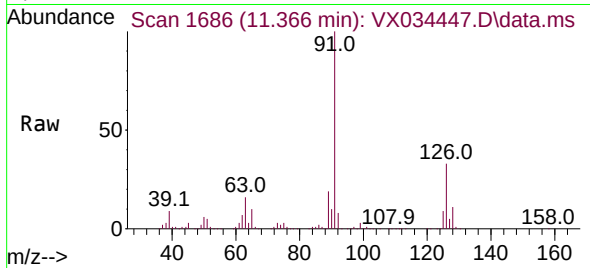
#79
2-Chlorotoluene
Concen: 45.947 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 615708
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.9

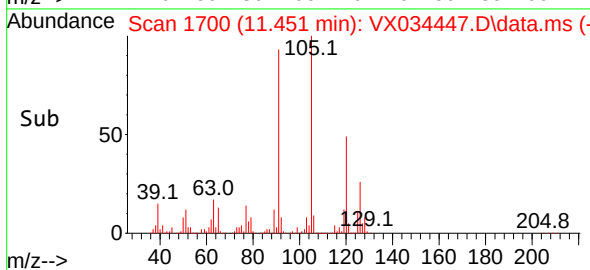
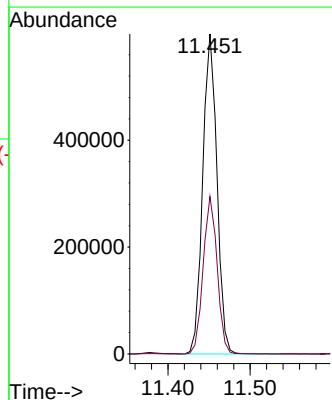
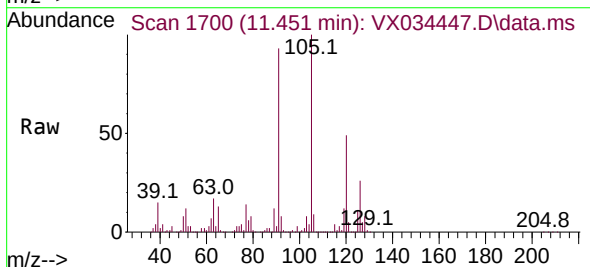
Manual Integrations
APPROVED

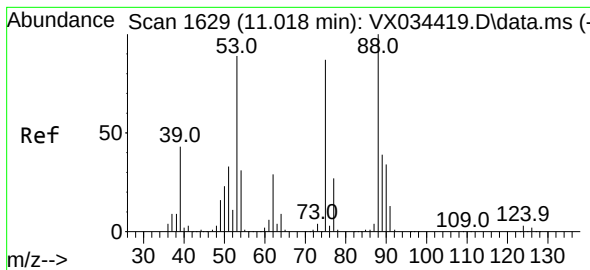
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#80
1,3,5-Trimethylbenzene
Concen: 45.586 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

Tgt Ion:105 Resp: 718374
Ion Ratio Lower Upper
105 100
120 48.4 23.7 71.1





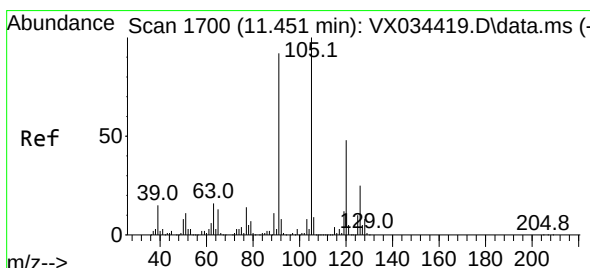
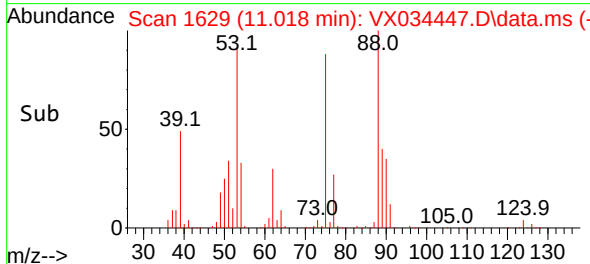
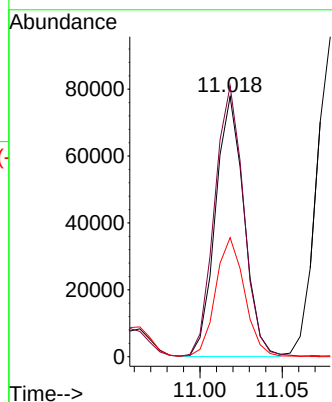
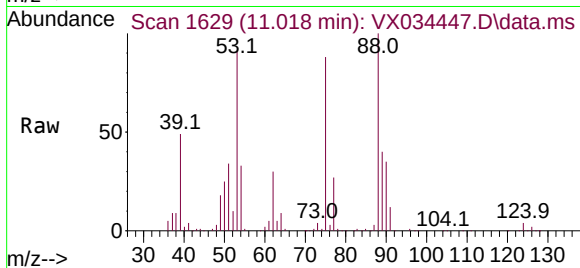
#81
trans-1,4-Dichloro-2-butene
Concen: 45.507 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 93889
Ion Ratio Lower Upper
75 100
53 107.2 82.6 124.0
89 46.4 36.9 55.3

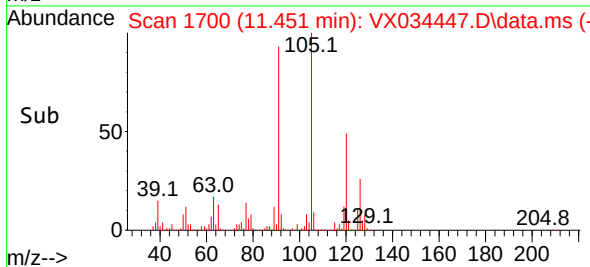
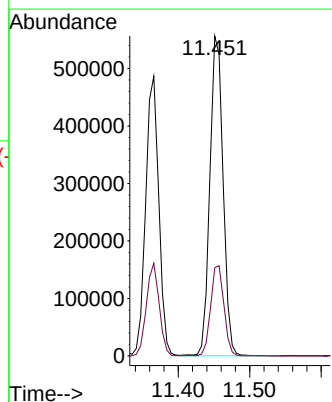
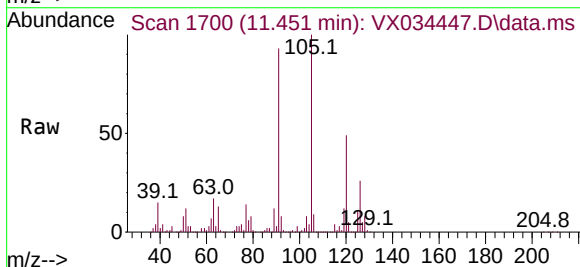
Manual Integrations
APPROVED

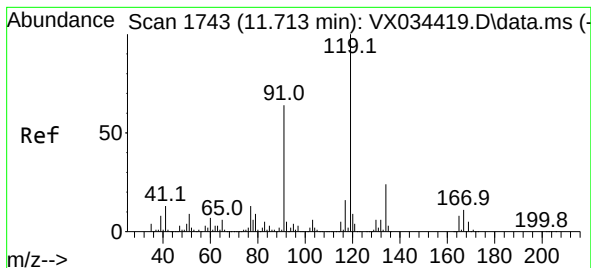
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#82
4-Chlorotoluene
Concen: 46.299 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

Tgt Ion: 91 Resp: 714635
Ion Ratio Lower Upper
91 100
126 28.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 44.651 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX034447.D

Acq: 13 Mar 2023 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 709439

Ion Ratio Lower Upper

119 100

91 61.0 30.6 92.0

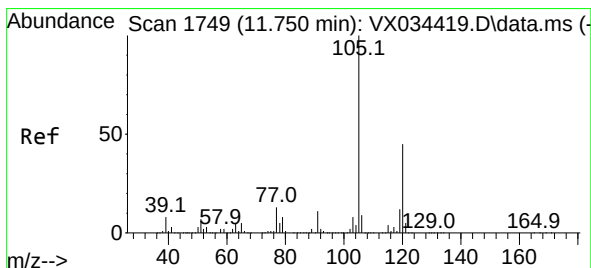
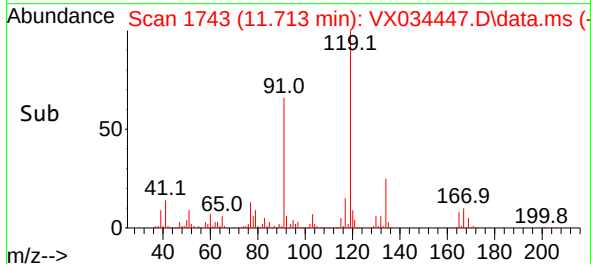
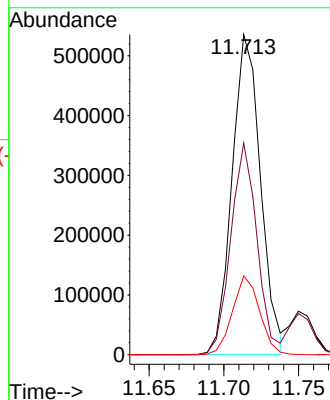
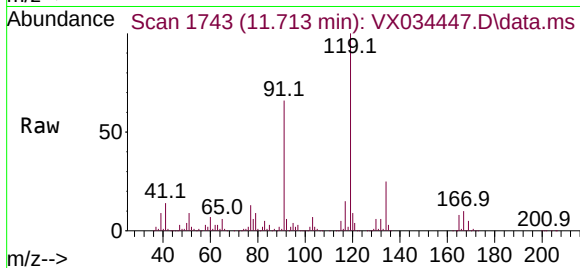
134 23.4 11.8 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#84

1,2,4-Trimethylbenzene

Concen: 45.657 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX034447.D

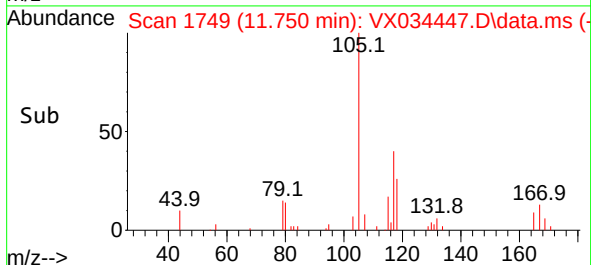
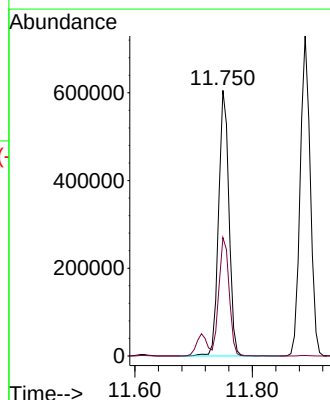
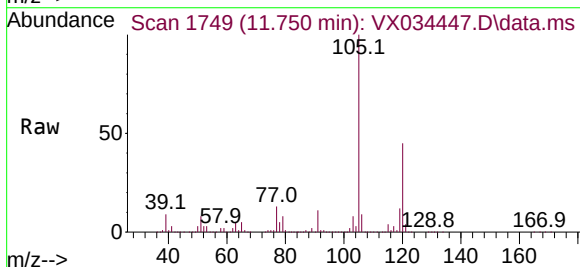
Acq: 13 Mar 2023 20:54

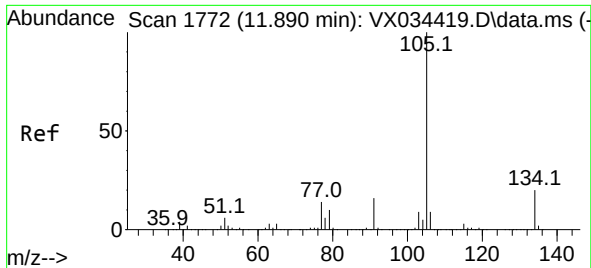
Tgt Ion:105 Resp: 735321

Ion Ratio Lower Upper

105 100

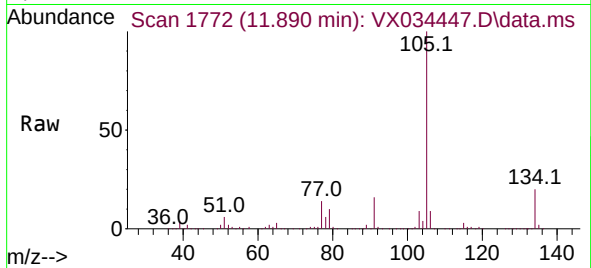
120 44.2 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 44.592 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034447.D
 Acq: 13 Mar 2023 20:54

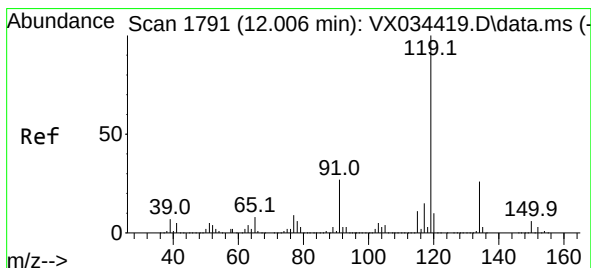
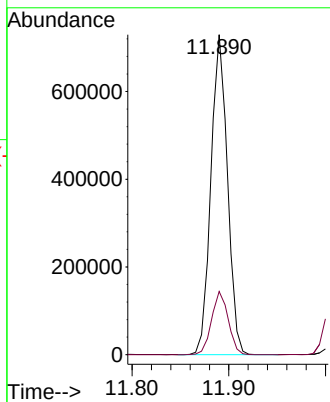
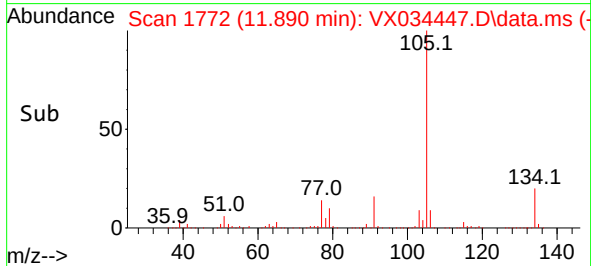
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



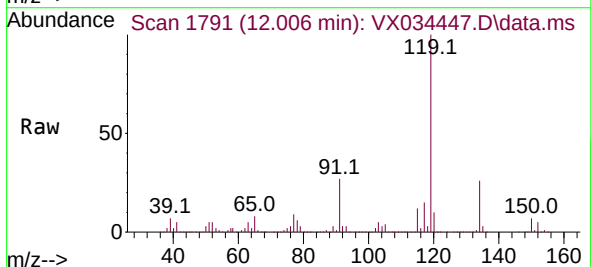
Tgt Ion:105 Resp: 86617
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.4

Manual Integrations
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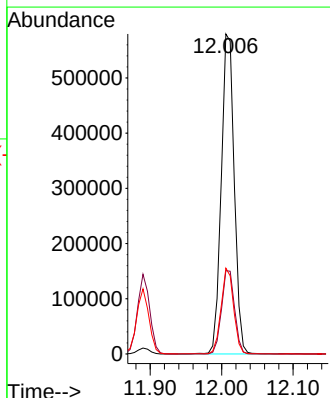
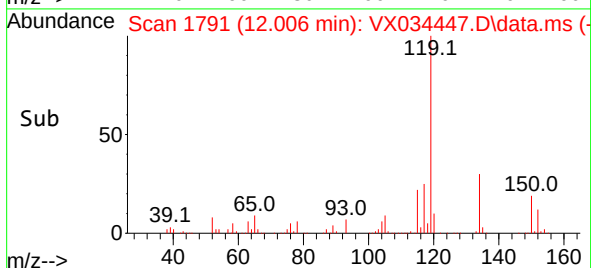
Reviewed By :John Carlone 03/14/2023
 Supervised By :Mahesh Dadoda 03/15/2023

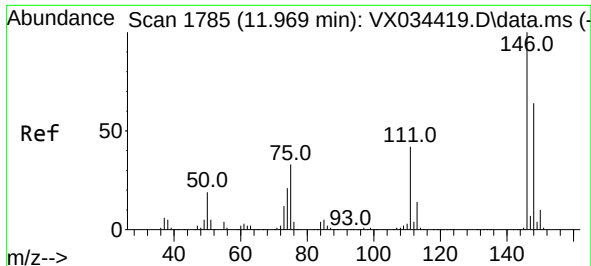


#86
 p-Isopropyltoluene
 Concen: 44.866 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX034447.D
 Acq: 13 Mar 2023 20:54



Tgt Ion:119 Resp: 732445
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.5
 91 25.7 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 44.477 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX034447.D

Acq: 13 Mar 2023 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 392822

Ion Ratio Lower Upper

146 100

111 41.7 20.9 62.8

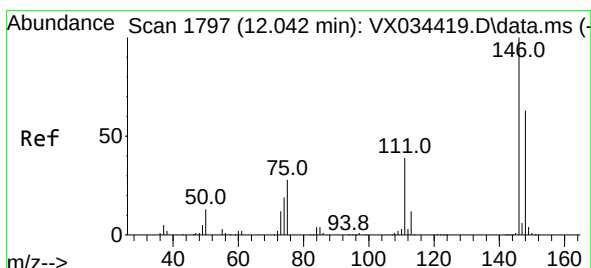
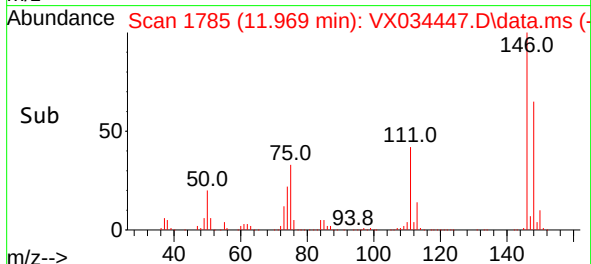
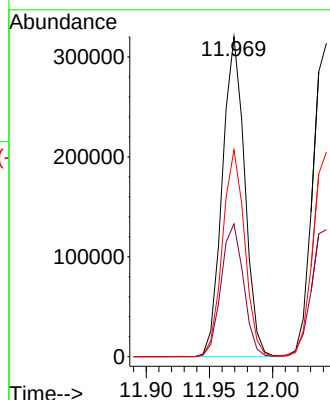
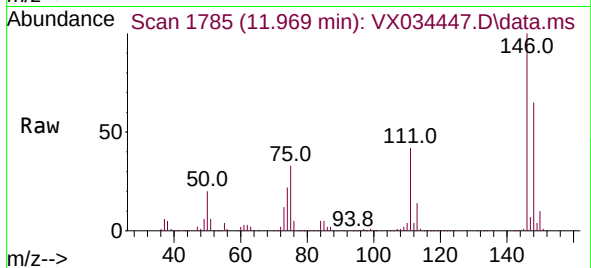
148 64.1 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#88

1,4-Dichlorobenzene

Concen: 44.201 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX034447.D

Acq: 13 Mar 2023 20:54

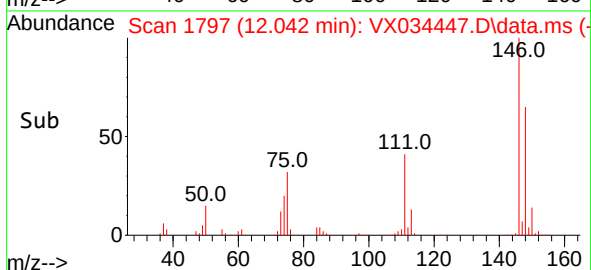
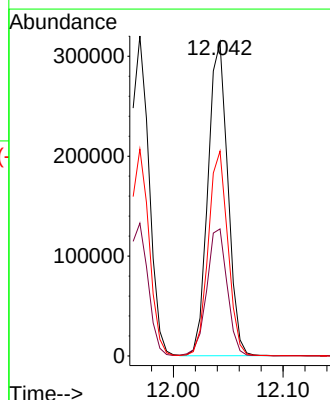
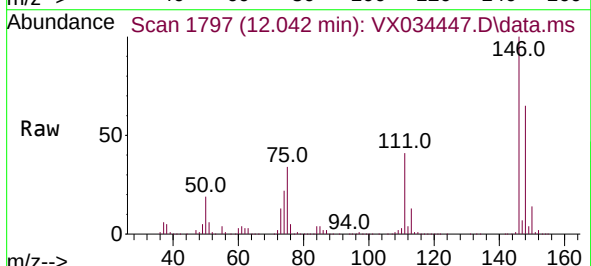
Tgt Ion:146 Resp: 394733

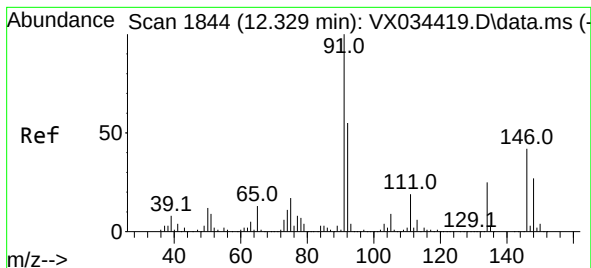
Ion Ratio Lower Upper

146 100

111 41.8 20.6 61.9

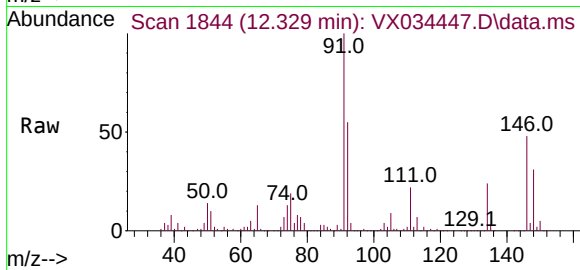
148 64.7 31.8 95.4





#89
n-Butylbenzene
Concen: 44.102 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

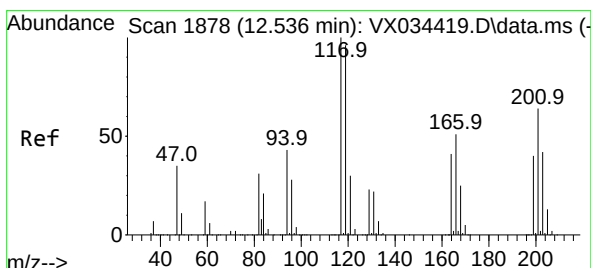
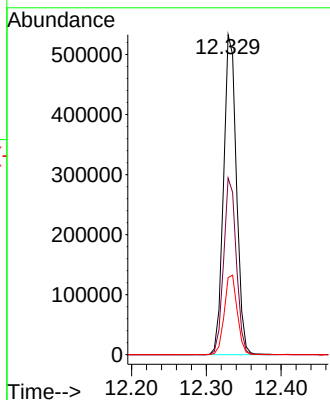
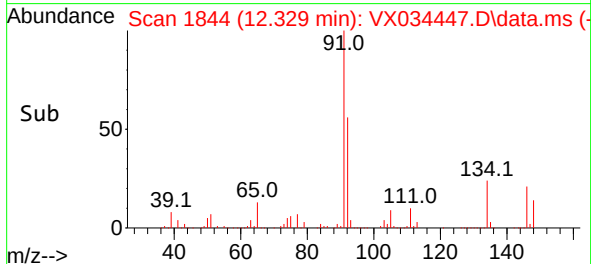
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 64004
Ion Ratio Lower Upper
91 100
92 54.5 27.7 83.0
134 25.1 13.0 38.9

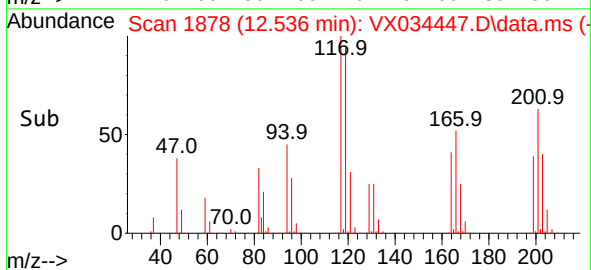
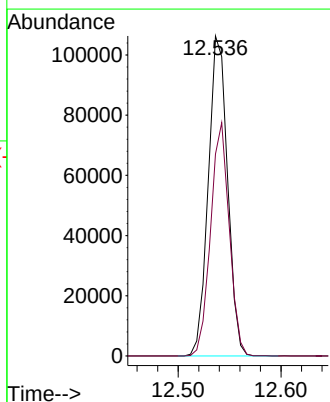
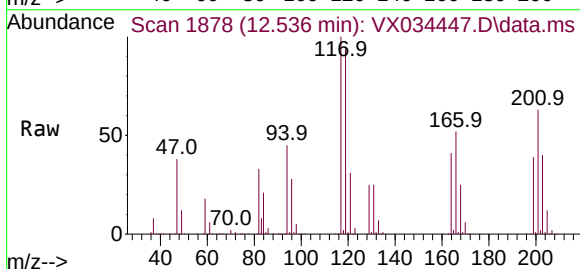
Manual Integrations
APPROVED

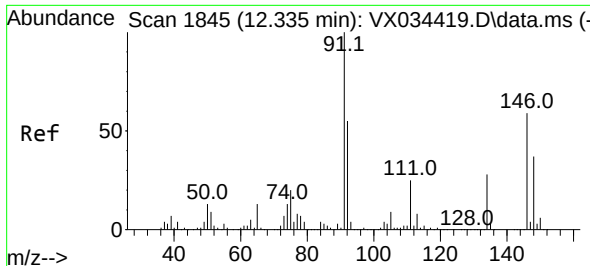
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#90
Hexachloroethane
Concen: 45.781 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

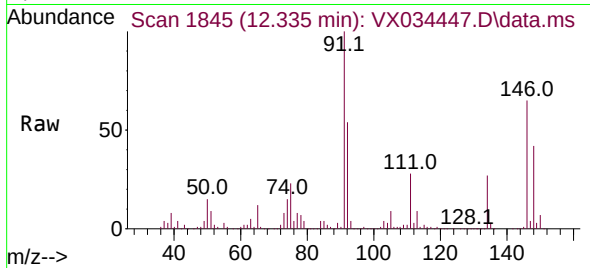
Tgt Ion:117 Resp: 138292
Ion Ratio Lower Upper
117 100
201 70.5 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 45.960 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

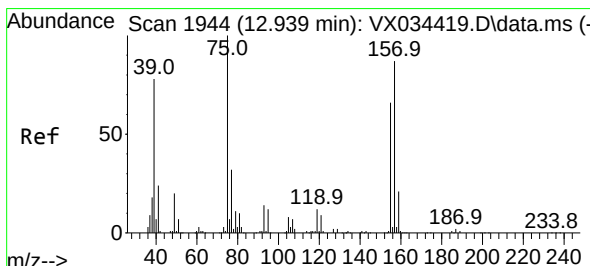
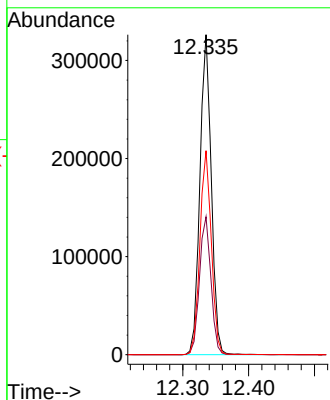
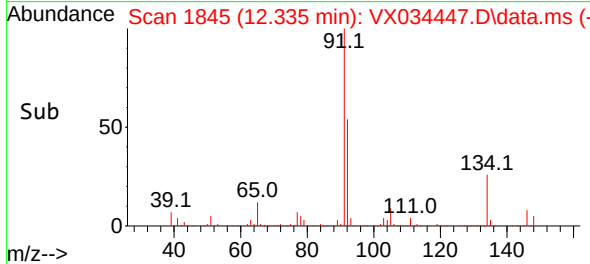
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



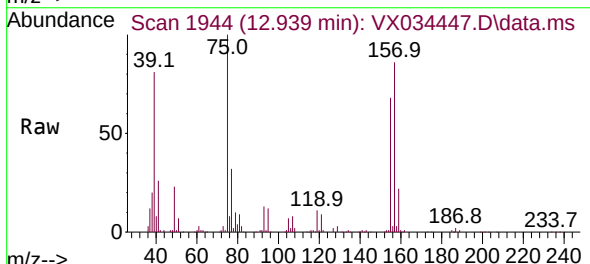
Tgt Ion:146 Resp: 392280
Ion Ratio Lower Upper
146 100
111 43.6 22.0 66.0
148 64.0 32.0 96.0

Manual Integrations
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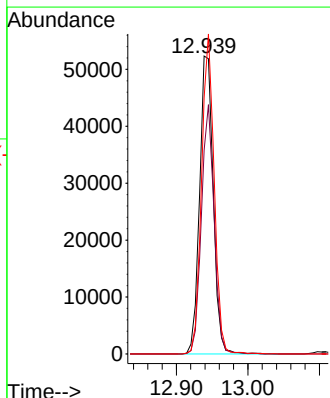
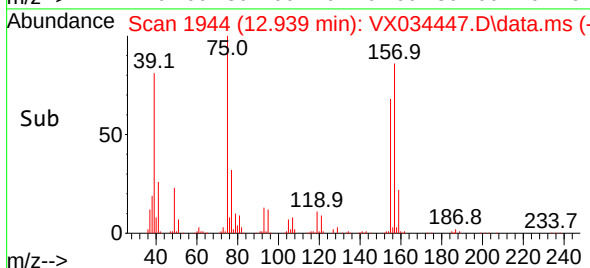
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

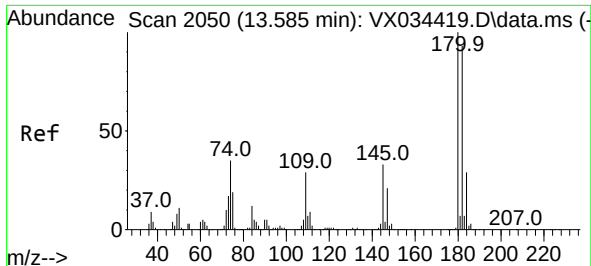


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.789 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54



Tgt Ion: 75 Resp: 69495
Ion Ratio Lower Upper
75 100
155 77.9 38.4 115.1
157 99.1 49.9 149.7





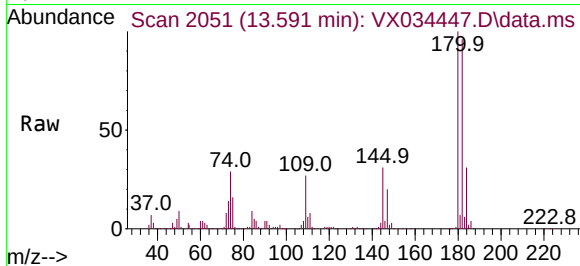
#93
1,2,4-Trichlorobenzene
Concen: 43.837 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

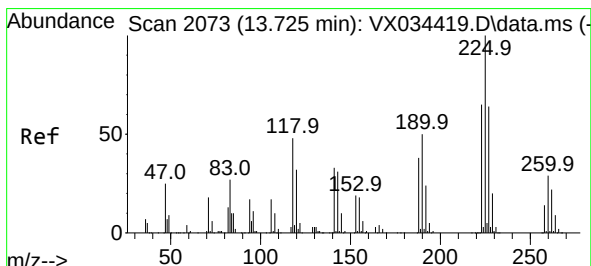
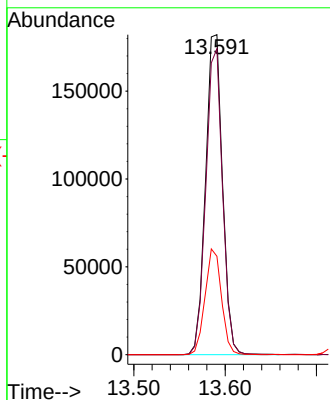
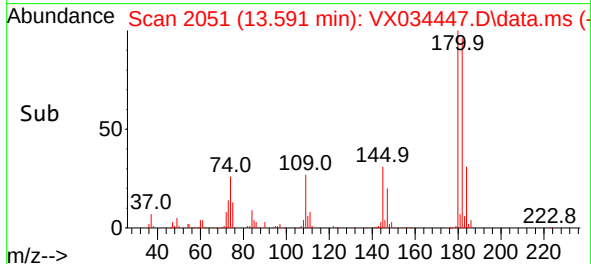


Tgt Ion:180 Resp: 233970
Ion Ratio Lower Upper
180 100
182 94.2 47.0 141.0
145 32.1 15.9 47.7

Manual Integrations

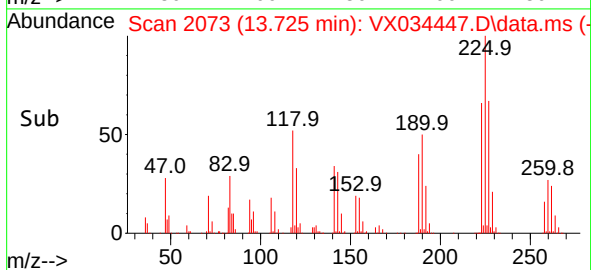
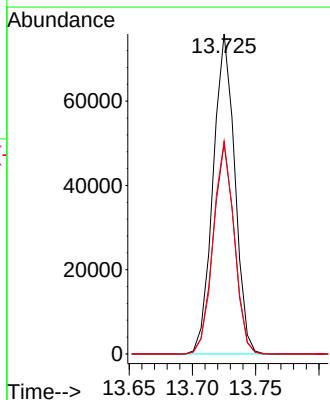
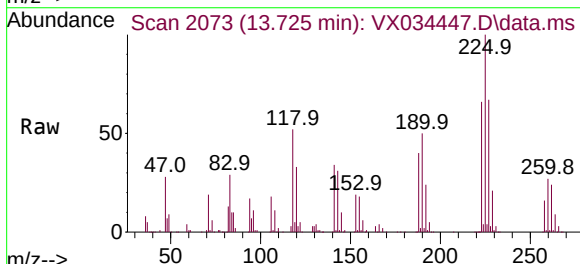
APPROVED

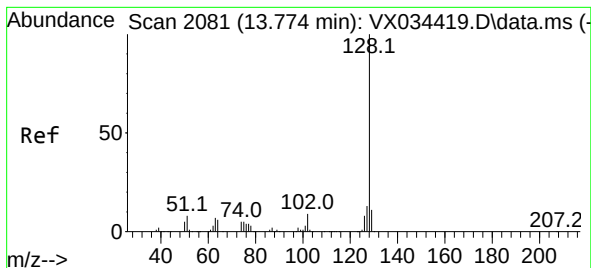
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#94
Hexachlorobutadiene
Concen: 42.023 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

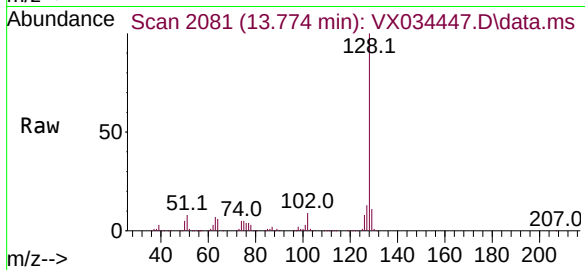
Tgt Ion:225 Resp: 90361
Ion Ratio Lower Upper
225 100
223 63.8 32.1 96.5
227 64.5 31.8 95.4





#95
Naphthalene
Concen: 46.598 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

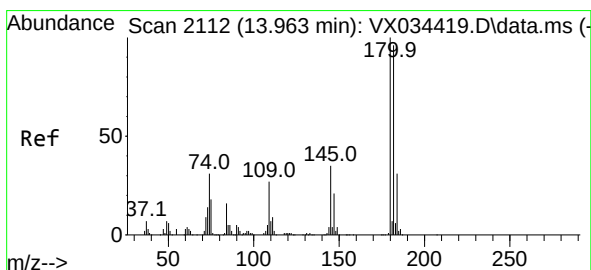
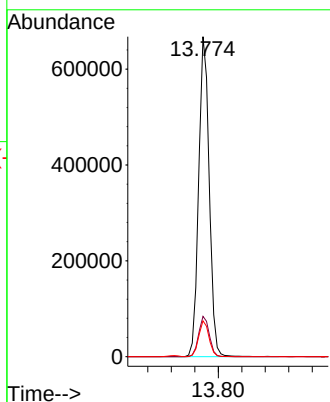
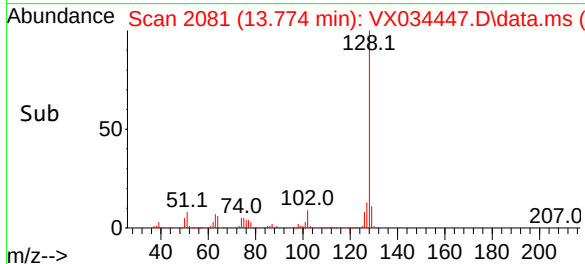
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 834020
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#96
1,2,3-Trichlorobenzene
Concen: 44.430 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034447.D
Acq: 13 Mar 2023 20:54

Tgt Ion:180 Resp: 231809
Ion Ratio Lower Upper
180 100
182 94.6 48.0 144.2
145 33.9 17.7 53.1

