

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040723\
 Data File : VX034967.D
 Acq On : 07 Apr 2023 13:18
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Apr 08 00:00:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 09:11:00 2023
 Response via : Initial Calibration

04/10/2023
 Supervised By :Mahesh
 Dadoda

04/10/2023

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

Internal Standards						
1) Bromochloromethane	4.891	128	29331	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	6.763	114	187754	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	204361	30.000	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	5.952	65	82107	29.134	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.100%
60) 4-Bromofluorobenzene	11.079	95	123309	30.197	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	100.667%
63) Toluene-d8	8.647	98	207384	29.861	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.533%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	64659	23.243	ug/l	95
3) Chloromethane	1.294	50	70585	19.568	ug/l	96
4) Vinyl Chloride	1.374	62	68957	19.376	ug/l	96
5) Bromomethane	1.611	94	38272	16.349	ug/l	99
6) Chloroethane	1.691	64	39141	16.900	ug/l	96
7) Trichlorofluoromethane	1.886	101	99292	17.515	ug/l	99
8) Diethyl Ether	2.130	74	39108	19.162	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	58579	20.368	ug/l	97
10) 1,1-Dichloroethene	2.318	96	54384	18.680	ug/l	98
11) Methyl Iodide	2.453	142	54927	14.815	ug/l	98
12) Methyl Acetate	2.703	43	130759	20.281	ug/l	99
13) Acrolein	2.233	56	70211	93.908	ug/l	99
14) Acrylonitrile	3.062	53	177017	99.707	ug/l	99
15) Acetone	2.386	58	53754	111.525	ug/l	93
16) Carbon Disulfide	2.514	76	124424	16.708	ug/l	100
17) Allyl chloride	2.666	41	108411	19.243	ug/l	97
18) Methylene Chloride	2.788	84	65364	19.059	ug/l	99
19) trans-1,2-Dichloroethene	3.093	96	58842	18.470	ug/l	90
20) Diisopropyl ether	3.757	45	224456	19.447	ug/l	95
21) 1,1-Dichloroethane	3.611	63	118056	19.129	ug/l	100
22) cis-1,2-Dichloroethene	4.489	96	69590	18.755	ug/l	98
23) tert-Butyl Alcohol	2.989	59	76769m	96.106	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	211326	19.533	ug/l	99
25) Chloroform	5.092	83	120957	19.269	ug/l	98
26) Cyclohexane	5.464	56	102769	19.002	ug/l #	100
29) 1,1-Dichloropropene	5.690	75	88112	20.404	ug/l	97
30) 2-Butanone	4.556	43	263858	109.564	ug/l	99
31) 2,2-Dichloropropane	4.477	77	89925	20.534	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	102050	20.144	ug/l	100
33) Carbon Tetrachloride	5.678	117	88109	21.073	ug/l	98
34) Benzene	6.037	78	253470	20.198	ug/l	99
35) Methacrylonitrile	4.916	41	54711	20.756	ug/l	99
36) 1,2-Dichloroethane	6.086	62	106603	21.666	ug/l	100
37) Trichloroethene	7.123	130	64572	20.218	ug/l	94
38) Methylcyclohexane	7.379	83	95037	20.144	ug/l	97
39) 1,2-Dichloropropane	7.427	63	67495	20.691	ug/l	94
40) Dibromomethane	7.580	93	46139	20.591	ug/l	99
41) Bromodichloromethane	7.824	83	87176	20.654	ug/l #	96
42) Vinyl Acetate	3.721	43	822388	104.674	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	100394	21.495	ug/l	99
44) Isopropyl Acetate	6.336	43	160172	20.258	ug/l	99
45) 1,4-Dioxane	7.689	88	34313	438.036	ug/l	95
46) Methyl methacrylate	7.689	41	79913	20.743	ug/l	95
47) n-amyl Acetate	10.841	43	133759	19.459	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	88770	19.303	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	100327	19.858	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	65881	21.104	ug/l	99
51) Ethyl methacrylate	9.116	69	102350	20.201	ug/l	97
52) 1,3-Dichloropropane	9.305	76	115780	20.995	ug/l	100
53) Dibromochloromethane	9.518	129	60629	19.632	ug/l	99
54) 1,2-Dibromoethane	9.610	107	66953	20.051	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	281164	105.450	ug/l	99
56) Bromoform	10.799	173	39460	18.531	ug/l	97
58) 4-Methyl-2-Pentanone	8.573	43	506960	108.197	ug/l	99
59) 2-Hexanone	9.427	43	382394	108.394	ug/l	99
61) Tetrachloroethene	9.275	164	57030	20.711	ug/l	97
62) Toluene	8.720	91	277222	20.746	ug/l	100
64) Chlorobenzene	10.079	112	168332	20.456	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	59426	20.201	ug/l	98
66) Ethyl Benzene	10.195	91	309257	20.779	ug/l	99
67) m/p-Xylenes	10.299	106	233743	41.276	ug/l	99
68) o-Xylene	10.640	106	114492	20.444	ug/l	98
69) Styrene	10.652	104	190705	20.656	ug/l	99
70) Isopropylbenzene	10.963	105	300847	20.757	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	99549	20.896	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	83657m	19.290	ug/l	
73) Bromobenzene	11.195	156	71528	20.549	ug/l	95
74) n-propylbenzene	11.305	91	347072	20.571	ug/l	100
75) 2-Chlorotoluene	11.366	91	218502	20.773	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	253354	20.766	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	21896	16.440	ug/l	85
78) 4-Chlorotoluene	11.451	91	250924	20.808	ug/l	100
79) tert-butylbenzene	11.713	119	236243	20.284	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	252827	20.853	ug/l	98
81) sec-Butylbenzene	11.890	105	289087	20.484	ug/l	98
82) p-Isopropyltoluene	12.006	119	241449	20.274	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	132260	20.121	ug/l	98
84) 1,4-Dichlorobenzene	12.042	146	135500	20.527	ug/l	100
85) n-Butylbenzene	12.329	91	205494	20.021	ug/l	100
86) Hexachloroethane	12.536	117	35591	18.247	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	132737	20.637	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	20889	20.065	ug/l	96
89) 1,2,4-Trichlorobenzene	13.591	180	77224	20.014	ug/l	99
90) Hexachlorobutadiene	13.725	225	33422	22.461	ug/l	100
91) Naphthalene	13.774	128	279731	20.519	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	78673	20.396	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 VSTDCCC020EC

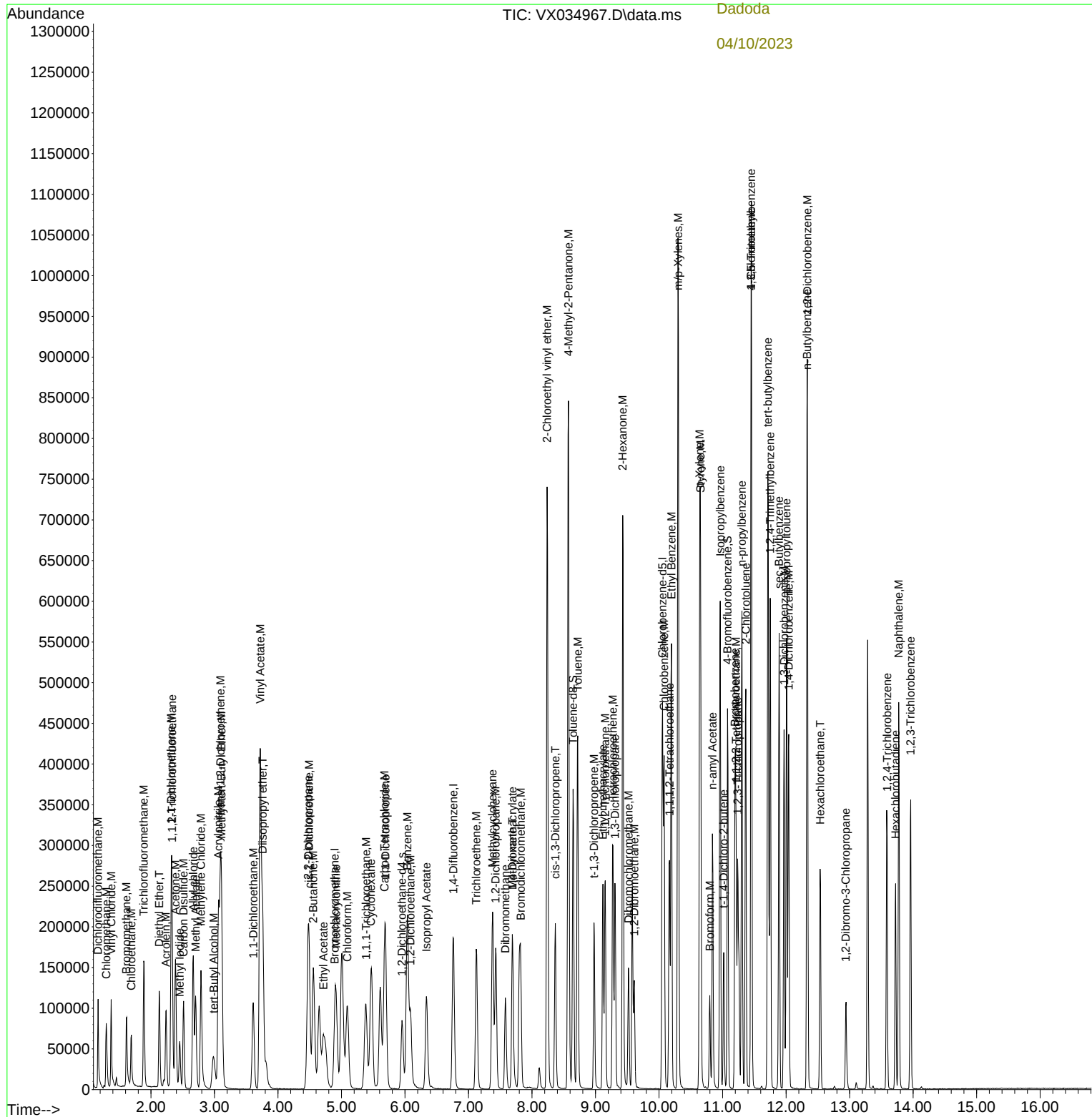
Quant Time: Apr 08 00:00:08 2023
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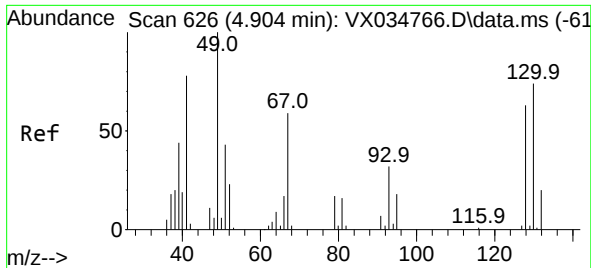
Manual Integrations APPROVED

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04/10/2023
 Supervised By :Mahesh
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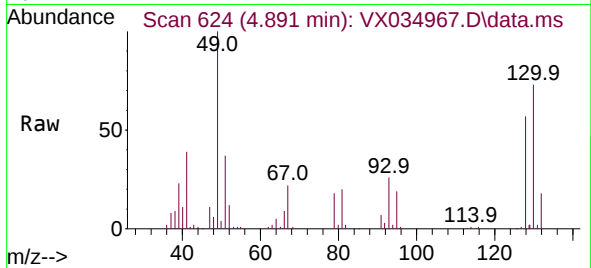
04/10/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.013 min
Lab File: VX034967.D
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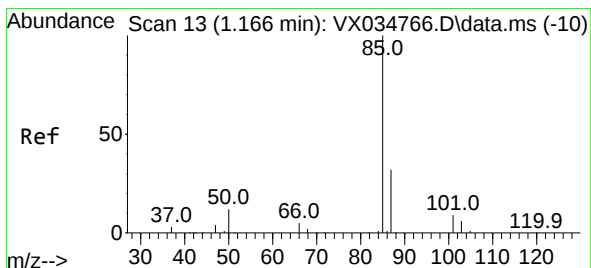
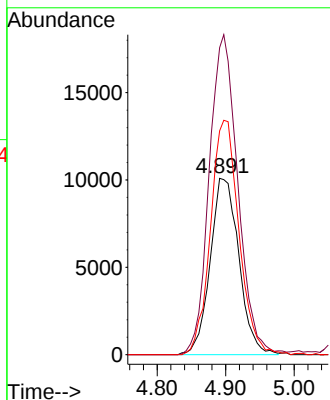
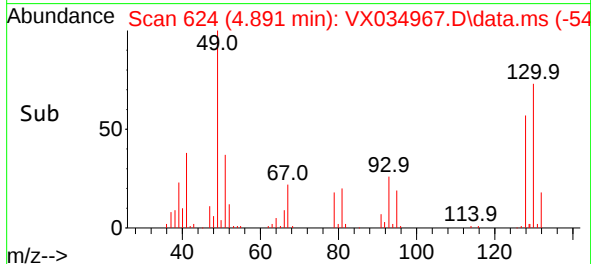
Tgt Ion:128 Resp: 2933
Ion Ratio Lower Upper
128 100
49 180.2 0.0 428.8
130 132.2 0.0 310.8

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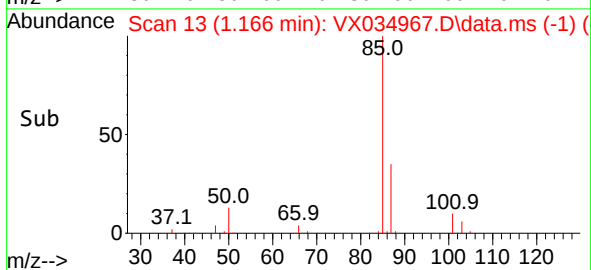
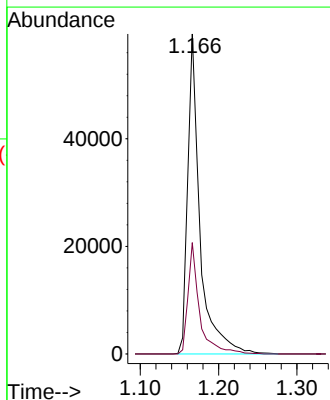
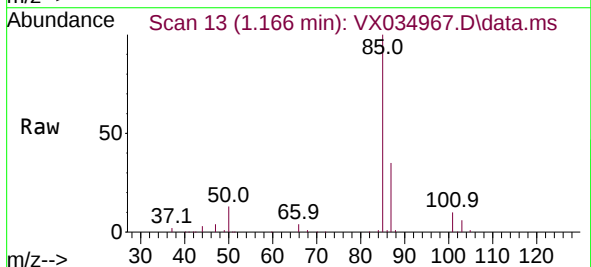
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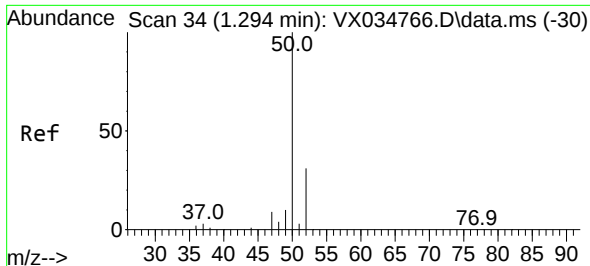
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#2
Dichlorodifluoromethane
Concen: 23.243 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

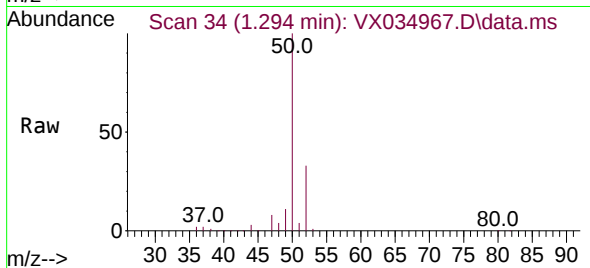
Tgt Ion: 85 Resp: 64659
Ion Ratio Lower Upper
85 100
87 34.8 16.0 48.0





#3
Chloromethane
Concen: 19.568 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Instrument :
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ClientSampleId :
VSTDCCC020EC



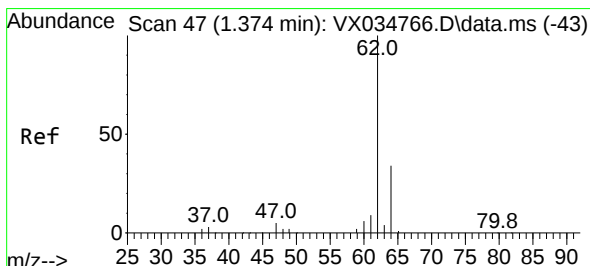
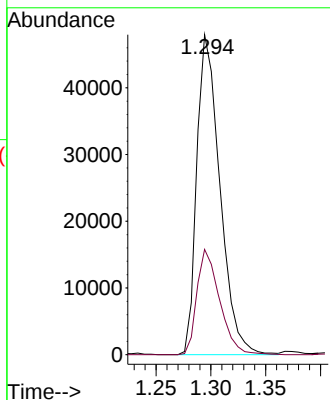
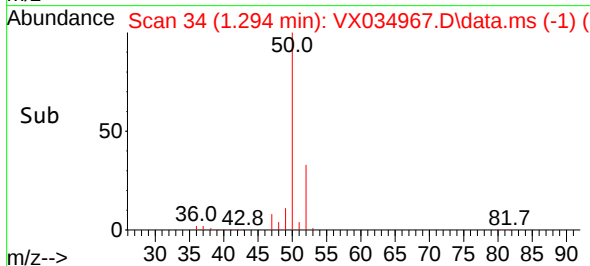
Tgt Ion: 50 Resp: 70585
Ion Ratio Lower Upper
50 100
52 32.9 24.6 36.8

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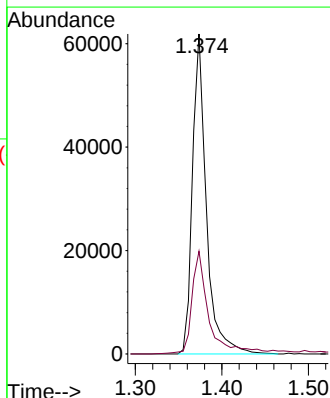
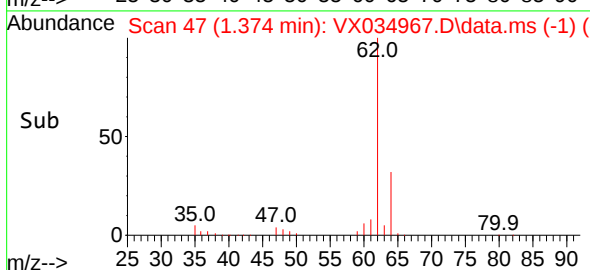
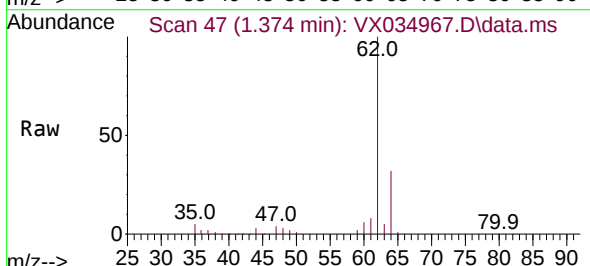
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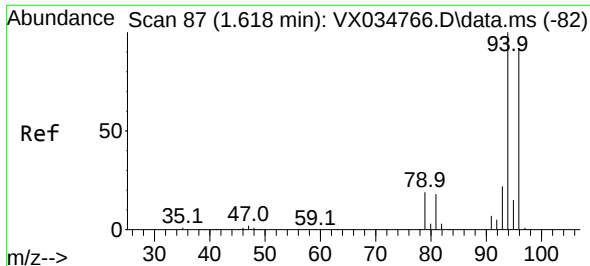
04/10/2023



#4
Vinyl Chloride
Concen: 19.376 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

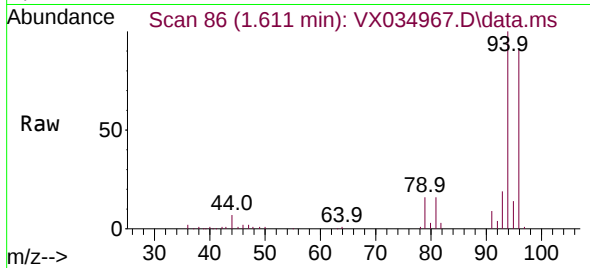
Tgt Ion: 62 Resp: 68957
Ion Ratio Lower Upper
62 100
64 31.5 26.9 40.3





#5
Bromomethane
Concen: 16.349 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.007 min
Lab File: VX034967.D
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Instrument :
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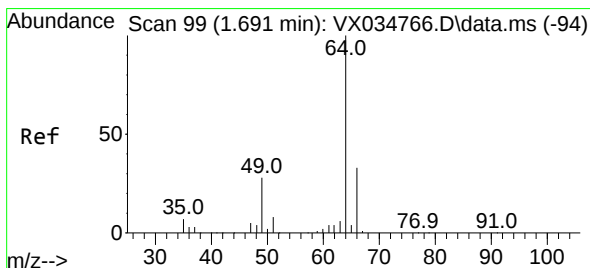
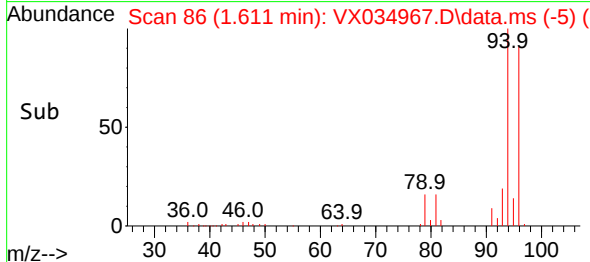
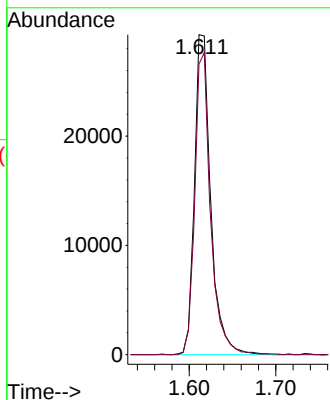
Tgt Ion: 94 Resp: 38272
Ion Ratio Lower Upper
94 100
96 90.8 73.4 110.0

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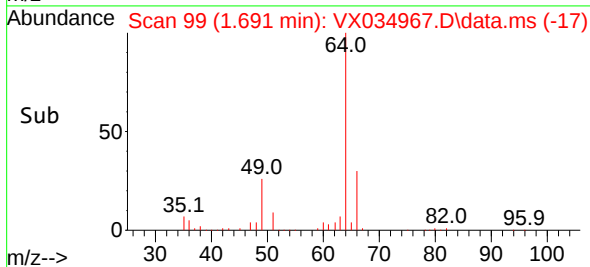
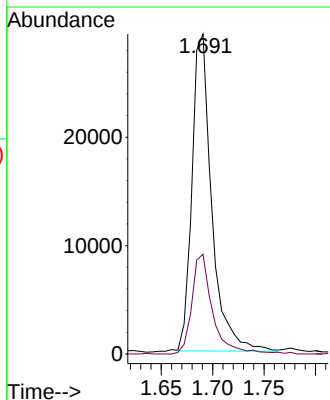
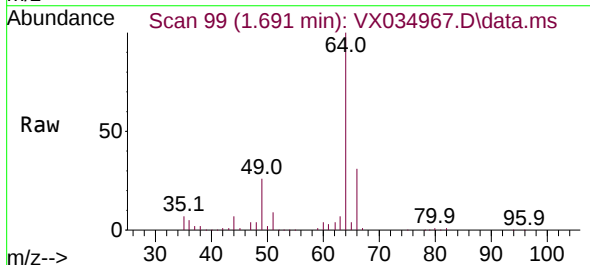
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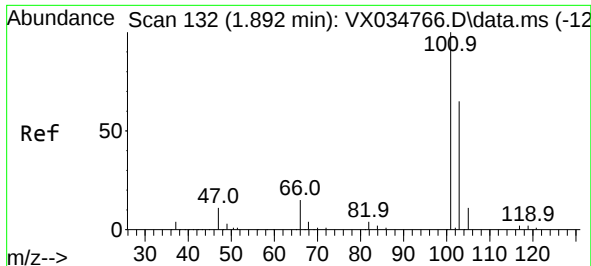
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#6
Chloroethane
Concen: 16.900 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

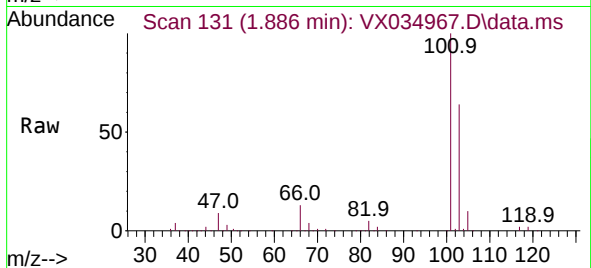
Tgt Ion: 64 Resp: 39141
Ion Ratio Lower Upper
64 100
66 31.0 26.6 40.0





#7
 Trichlorofluoromethane
 Concen: 17.515 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX034967.D
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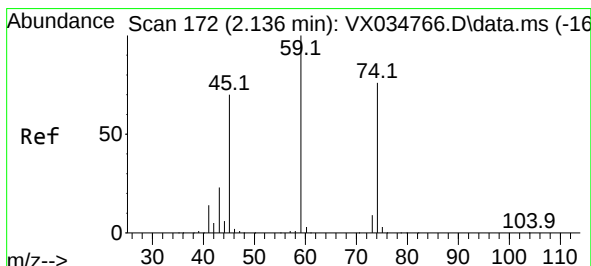
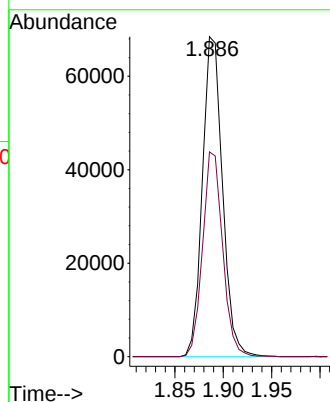
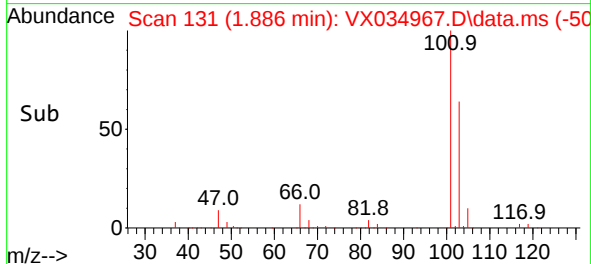
Tgt Ion:101 Resp: 99292
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.1 78.1

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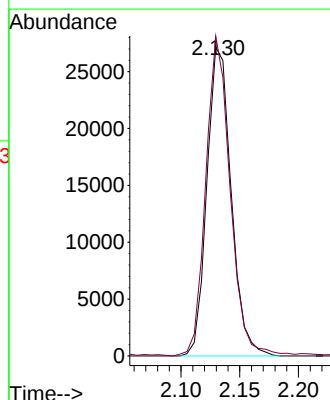
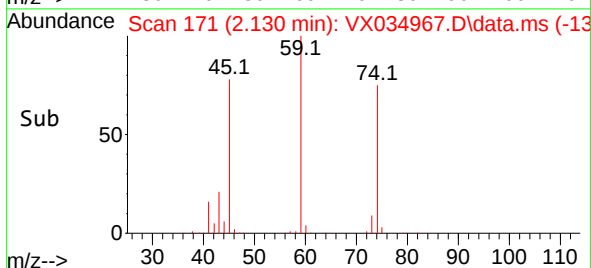
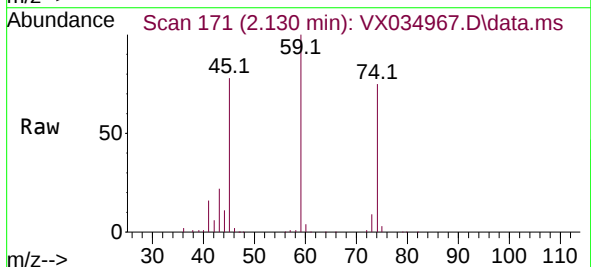
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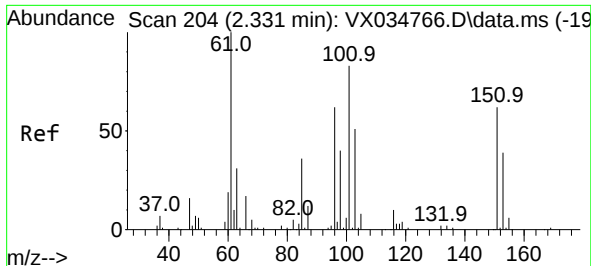
04/10/2023



#8
 Diethyl Ether
 Concen: 19.162 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX034967.D
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Tgt Ion: 74 Resp: 39108
 Ion Ratio Lower Upper
 74 100
 45 103.8 20.5 184.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.368 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX034967.D
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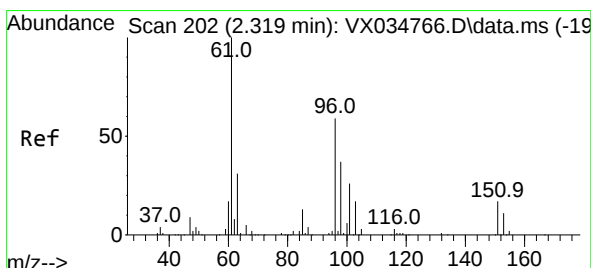
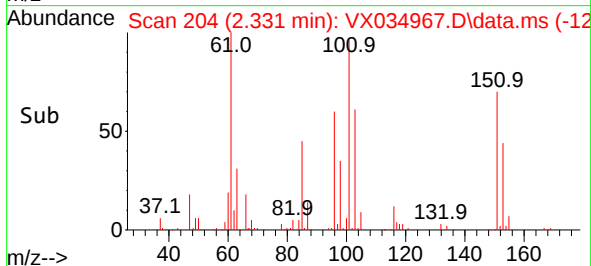
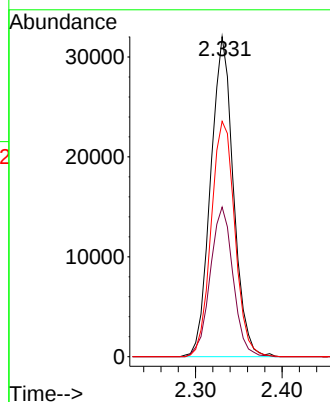
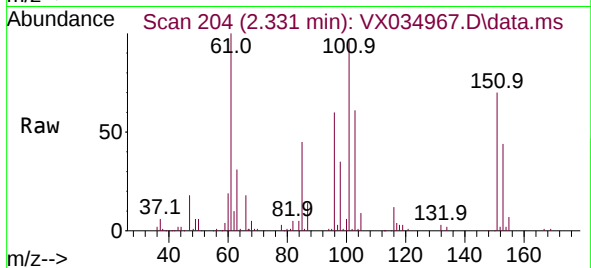
Tgt Ion:101 Resp: 58579
Ion Ratio Lower Upper
101 100
85 46.8 0.0 88.8
151 76.4 0.0 147.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

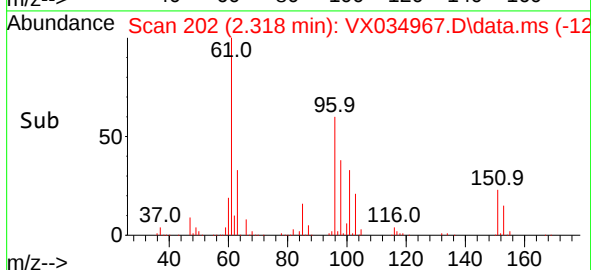
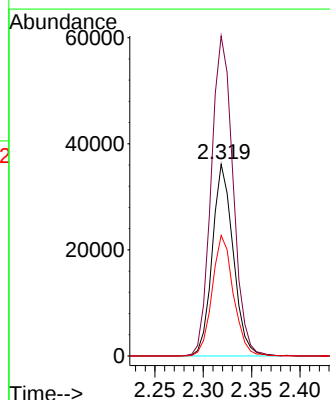
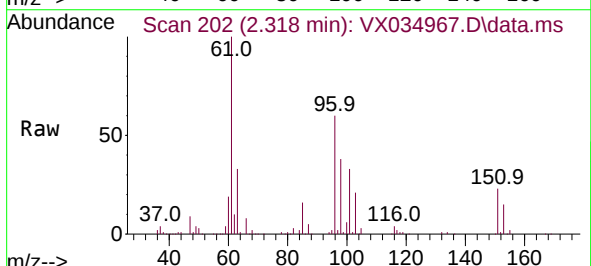
04/10/2023
Supervised By :Mahesh
Dadoda

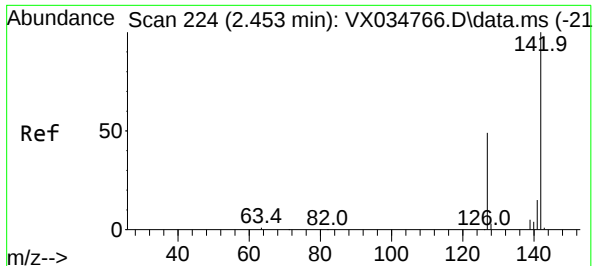
04/10/2023



#10
1,1-Dichloroethene
Concen: 18.680 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.001 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Tgt Ion: 96 Resp: 54384
Ion Ratio Lower Upper
96 100
61 166.9 135.8 203.6
98 62.8 49.8 74.6





#11

Methyl Iodide

Concen: 14.815 ug/l

RT: 2.453 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX034967.D

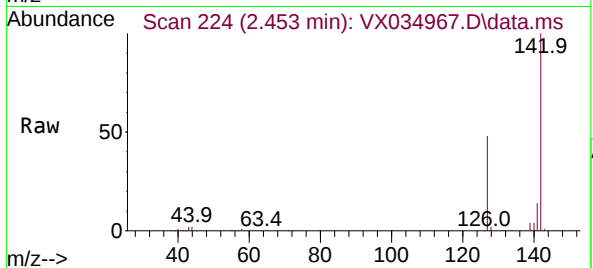
Acq: 07 Apr 2023 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



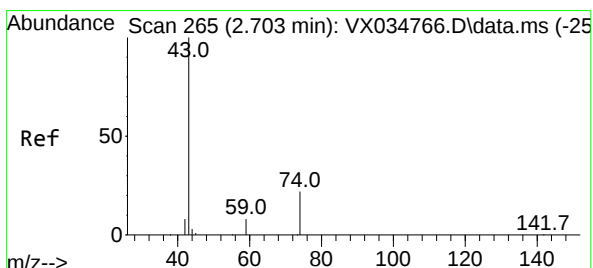
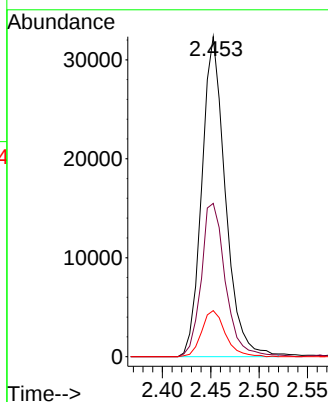
Tgt Ion:	142	Resp:	5492
Ion Ratio	Lower	Upper	
142	100		
127	47.8	24.5	73.5
141	14.5	7.6	22.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/10/2023
Supervised By :Mahesh
Dadoda

04/10/2023



#12

Methyl Acetate

Concen: 20.281 ug/l

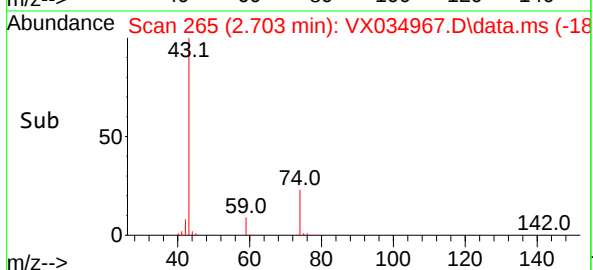
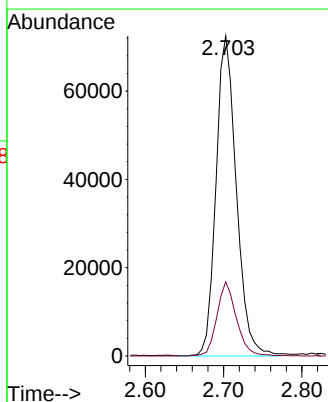
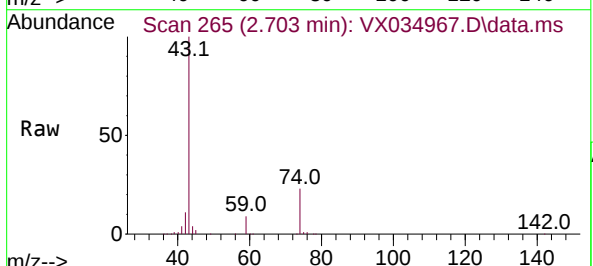
RT: 2.703 min Scan# 265

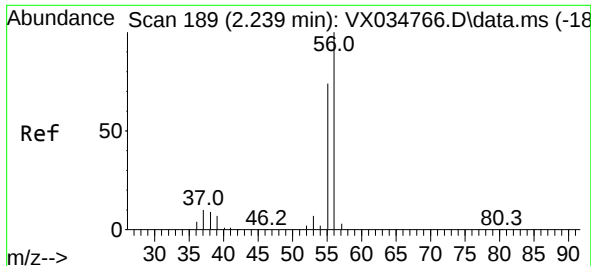
Delta R.T. -0.000 min

Lab File: VX034967.D

Acq: 07 Apr 2023 13:18

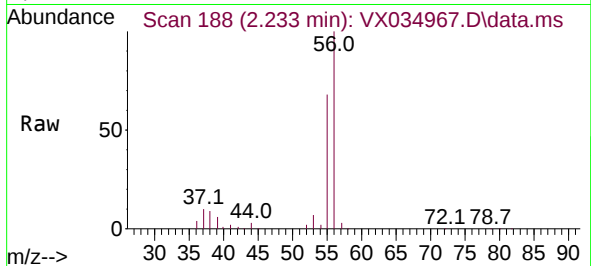
Tgt Ion:	43	Resp:	130759
Ion Ratio	Lower	Upper	
43	100		
74	23.1	18.0	27.0





#13
Acrolein
Concen: 93.908 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



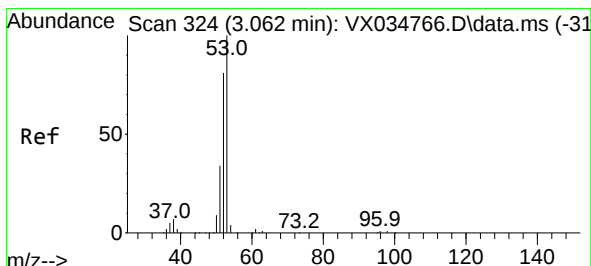
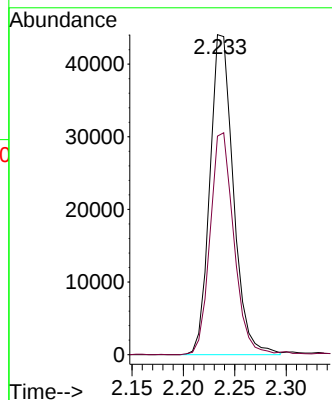
Tgt Ion: 56 Resp: 7021
Ion Ratio Lower Upper
56 100
55 69.8 56.6 85.0

Manual Integrations
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Reviewed By :John
Carlone

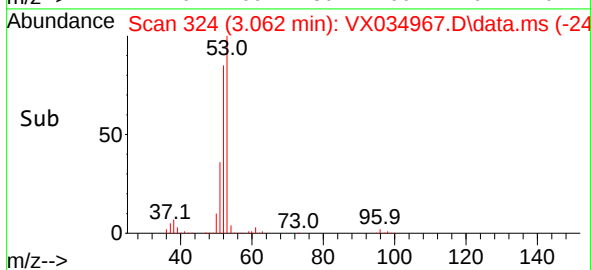
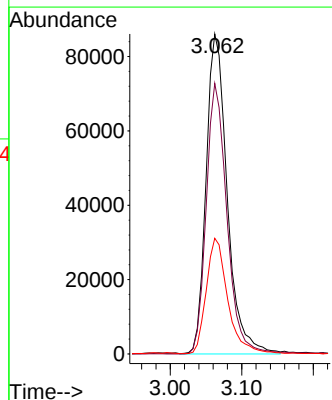
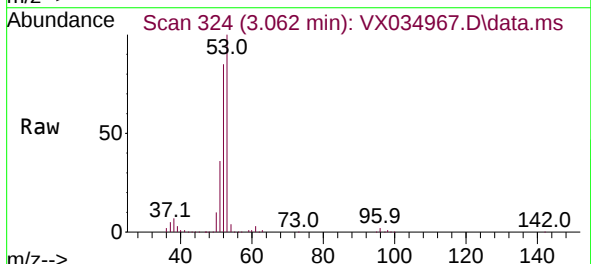
04/10/2023
Supervised By :Mahesh
Dadoda

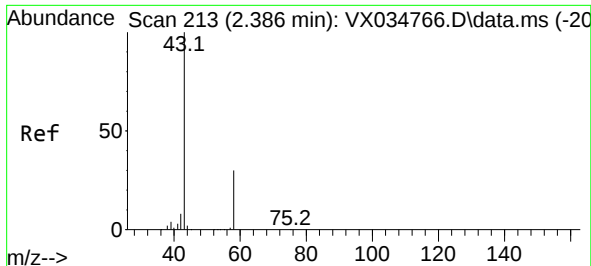
04/10/2023



#14
Acrylonitrile
Concen: 99.707 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Tgt Ion: 53 Resp: 177017
Ion Ratio Lower Upper
53 100
52 82.9 41.3 123.7
51 37.0 17.9 53.7





#15

Acetone

Concen: 111.525 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX034967.D

Acq: 07 Apr 2023 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 53754

Ion Ratio Lower Upper

58 100

43 353.8 270.8 406.2

Manual Integrations

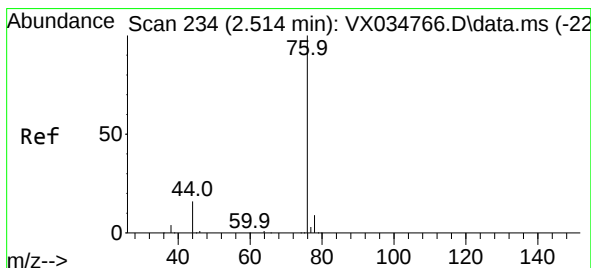
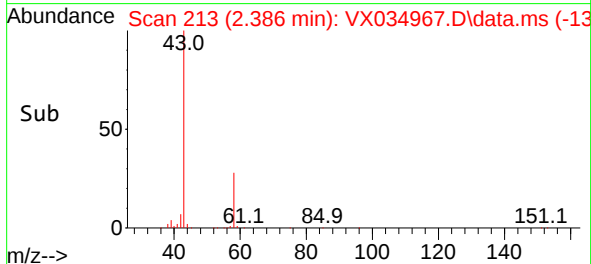
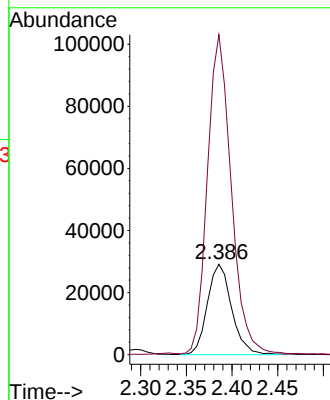
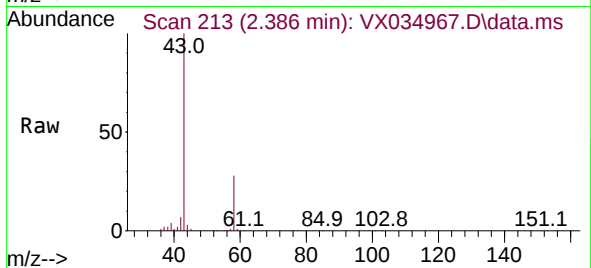
APPROVED

Reviewed By :John
Carlone

04/10/2023

Supervised By :Mahesh
Dadoda

04/10/2023



#16

Carbon Disulfide

Concen: 16.708 ug/l

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX034967.D

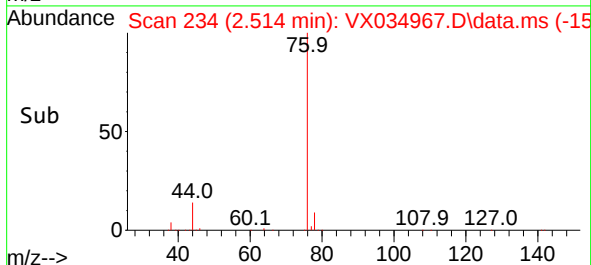
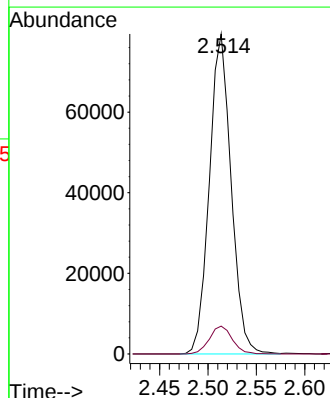
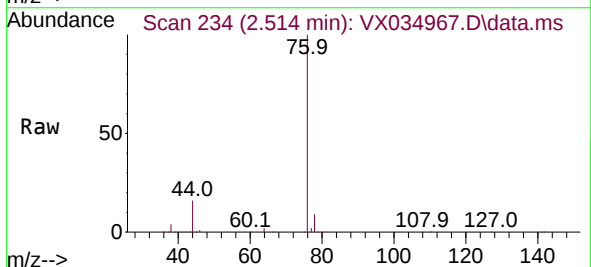
Acq: 07 Apr 2023 13:18

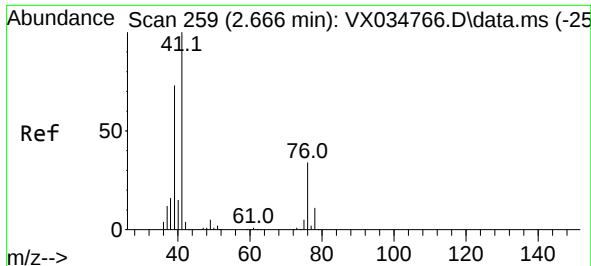
Tgt Ion: 76 Resp: 124424

Ion Ratio Lower Upper

76 100

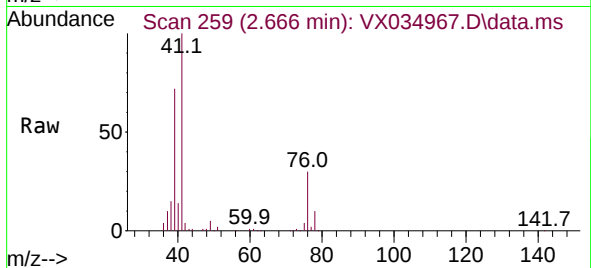
78 8.7 7.0 10.6





#17
 Allyl chloride
 Concen: 19.243 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX034967.D
 Acq: 07 Apr 2023 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



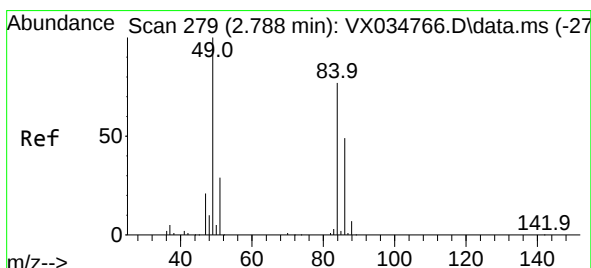
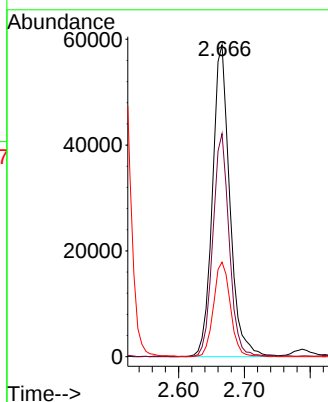
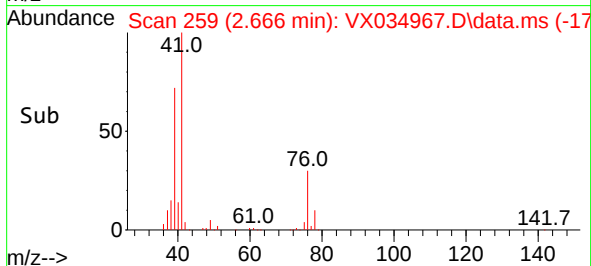
Tgt Ion: 41 Resp: 10841
 Ion Ratio Lower Upper
 41 100
 39 71.5 36.4 109.3
 76 30.3 17.0 51.0

Manual Integrations
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Reviewed By :John
 Carlone

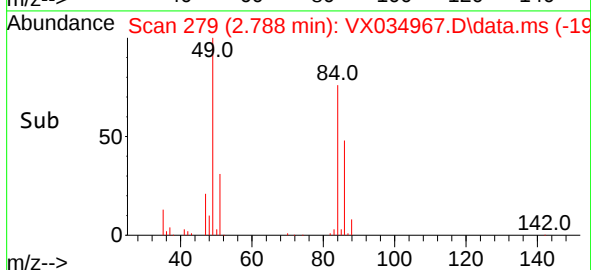
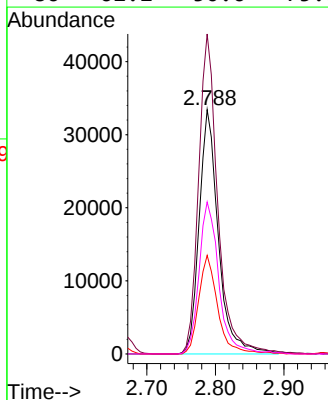
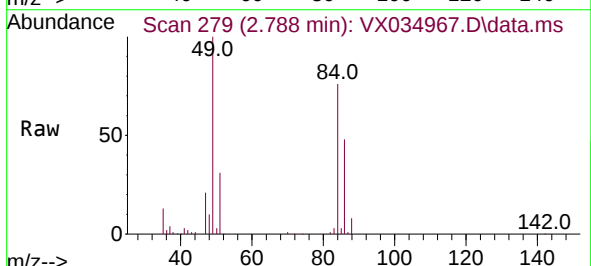
04/10/2023
 Supervised By :Mahesh
 Dadoda

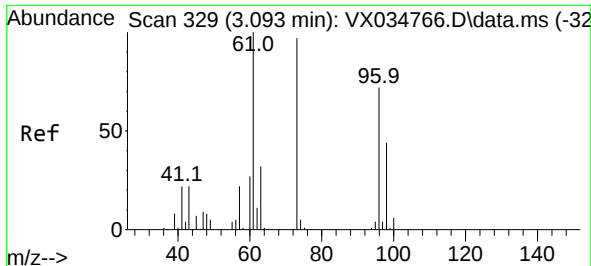
04/10/2023



#18
 Methylene Chloride
 Concen: 19.059 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX034967.D
 Acq: 07 Apr 2023 13:18

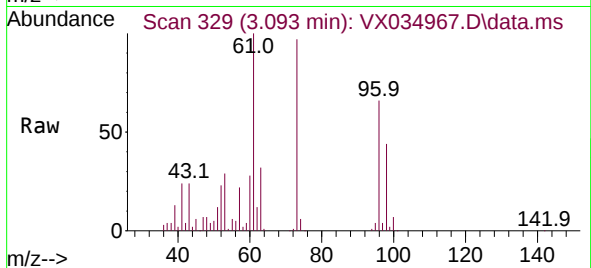
Tgt Ion: 84 Resp: 65364
 Ion Ratio Lower Upper
 84 100
 49 131.0 103.9 155.9
 51 40.3 30.6 45.8
 86 62.2 50.6 75.8





#19
trans-1,2-Dichloroethene
Concen: 18.470 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



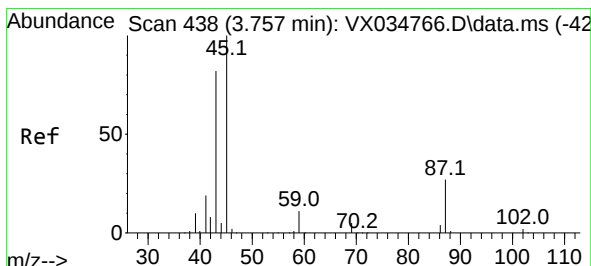
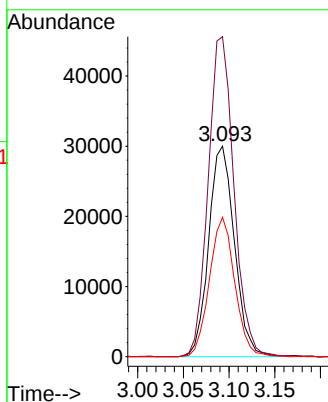
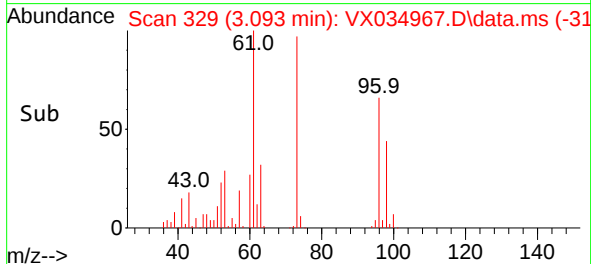
Tgt Ion: 96 Resp: 5884
Ion Ratio Lower Upper
96 100
61 152.0 111.1 166.7
98 66.2 48.6 72.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

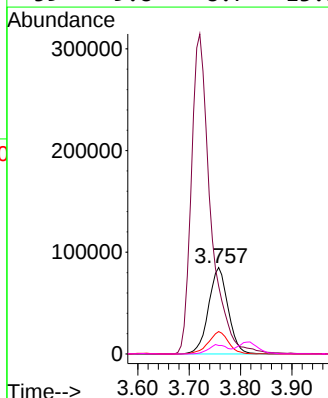
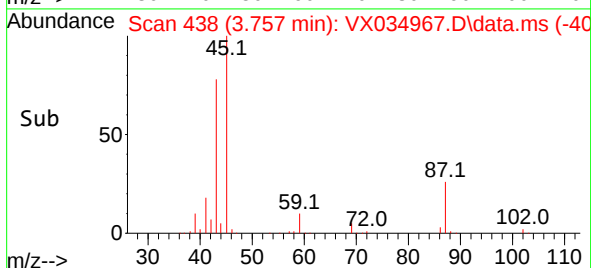
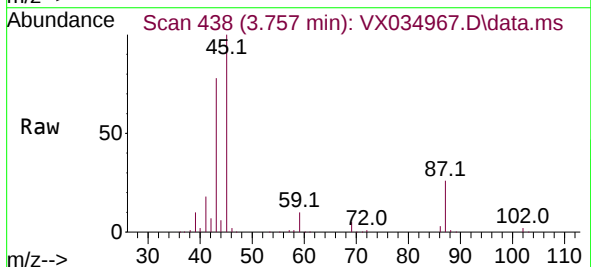
04/10/2023
Supervised By :Mahesh
Dadoda

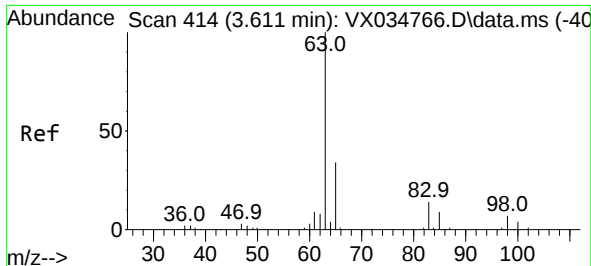
04/10/2023



#20
Diisopropyl ether
Concen: 19.447 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Tgt Ion: 45 Resp: 224456
Ion Ratio Lower Upper
45 100
43 77.2 66.0 99.0
87 25.9 21.8 32.6
59 9.8 8.7 13.1





#21

1,1-Dichloroethane

Concen: 19.129 ug/l

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX034967.D

Acq: 07 Apr 2023 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 11805

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.5	10.6
100	4.2	2.2	6.6

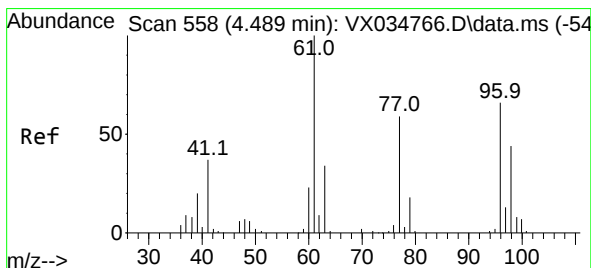
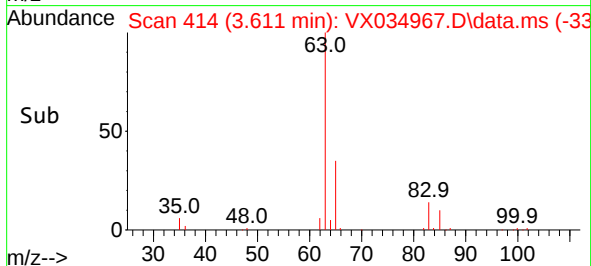
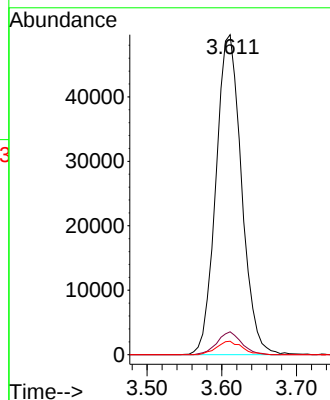
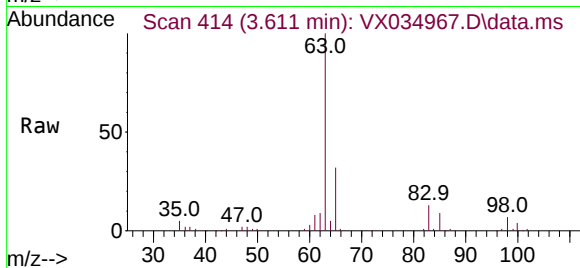
Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/10/2023

Supervised By :Mahesh
Dadoda

04/10/2023



#22

cis-1,2-Dichloroethene

Concen: 18.755 ug/l

RT: 4.489 min Scan# 558

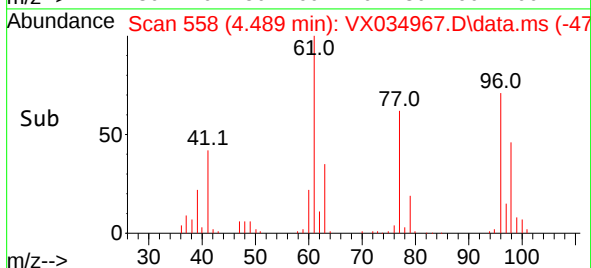
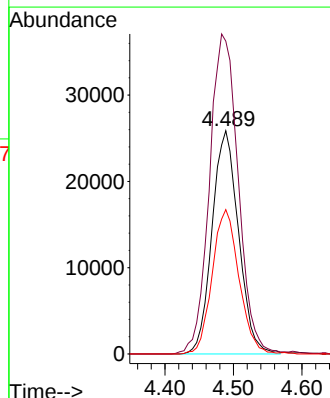
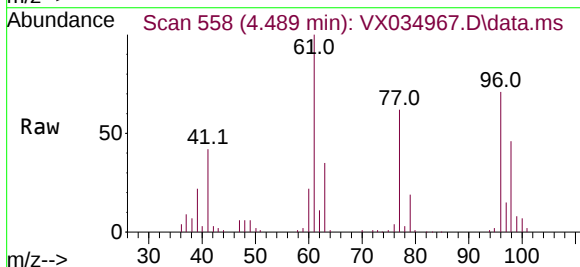
Delta R.T. -0.000 min

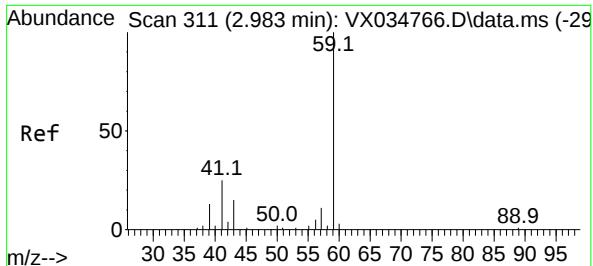
Lab File: VX034967.D

Acq: 07 Apr 2023 13:18

Tgt Ion: 96 Resp: 69590

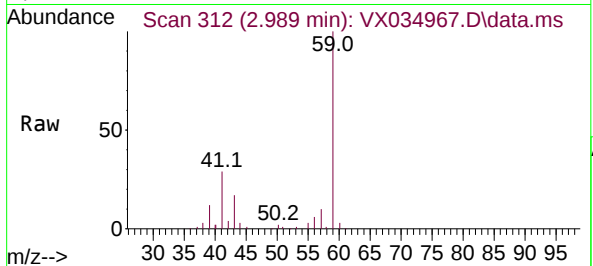
Ion	Ratio	Lower	Upper
96	100		
61	155.4	121.7	182.5
98	65.1	52.2	78.2





#23
tert-Butyl Alcohol
Concen: 96.106 ug/l m
RT: 2.989 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



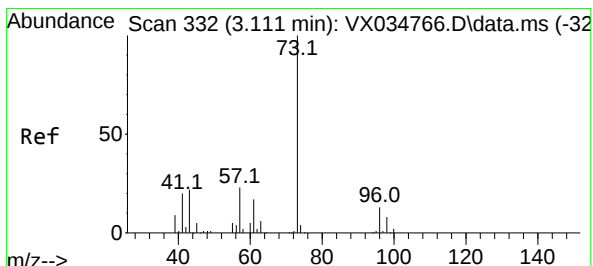
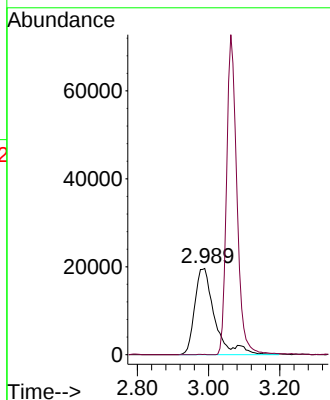
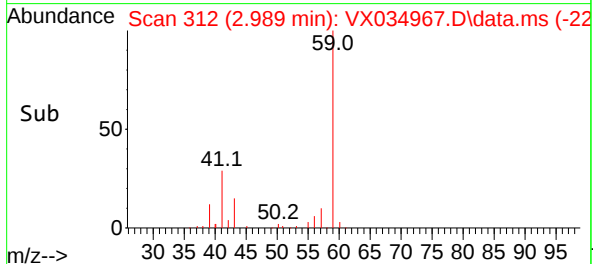
Tgt Ion: 59 Resp: 76769
Ion Ratio Lower Upper
59 100
52 0.1 0.2 0.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

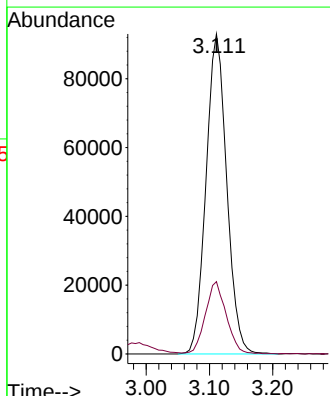
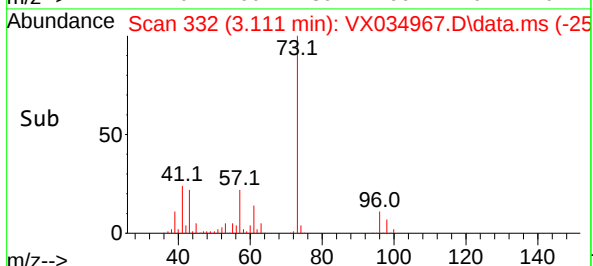
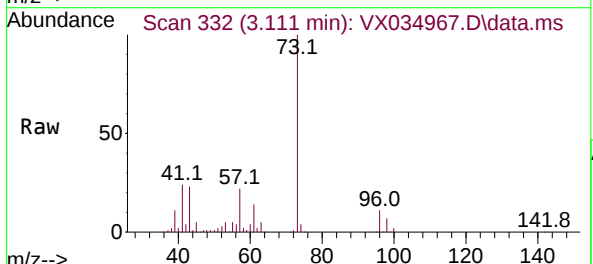
04/10/2023
Supervised By :Mahesh
Dadoda

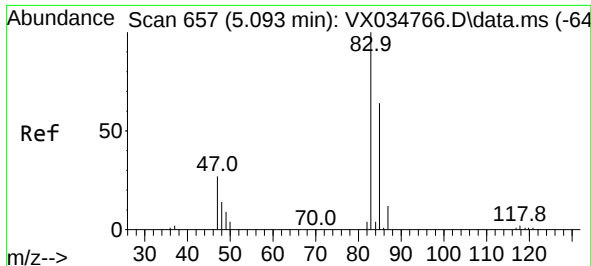
04/10/2023



#24
Methyl tert-Butyl Ether
Concen: 19.533 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Tgt Ion: 73 Resp: 211326
Ion Ratio Lower Upper
73 100
43 22.9 17.9 26.9





#25
Chloroform
Concen: 19.269 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

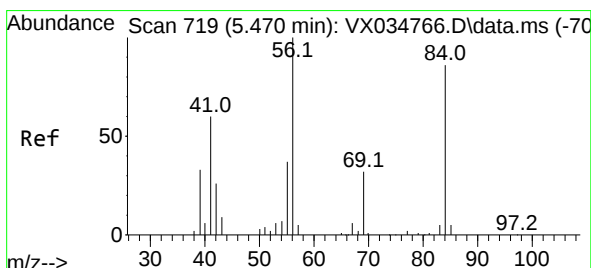
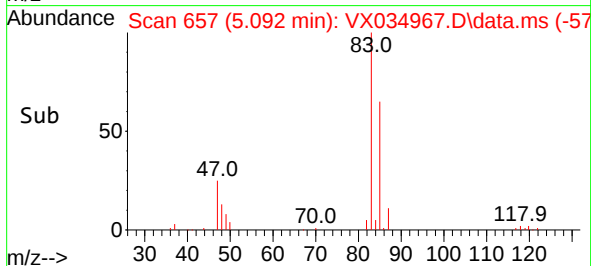
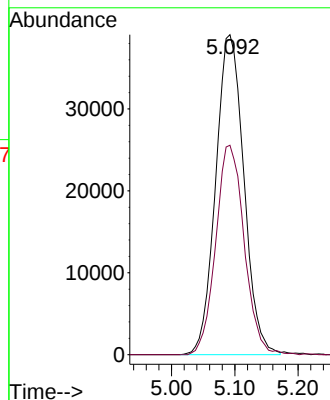
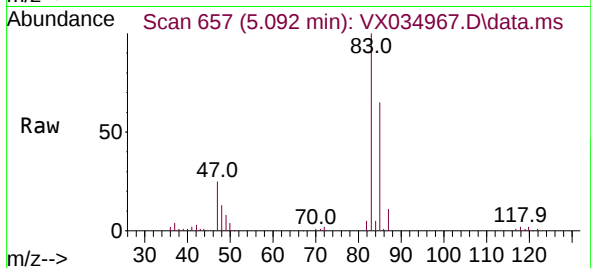
Tgt Ion: 83 Resp: 12095
Ion Ratio Lower Upper
83 100
85 65.4 51.2 76.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

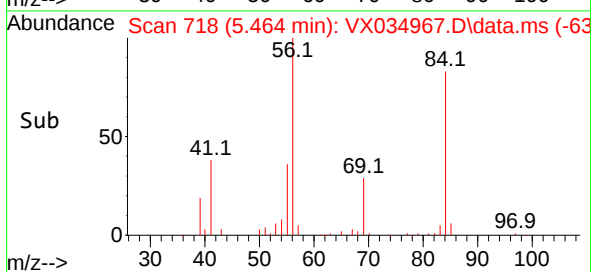
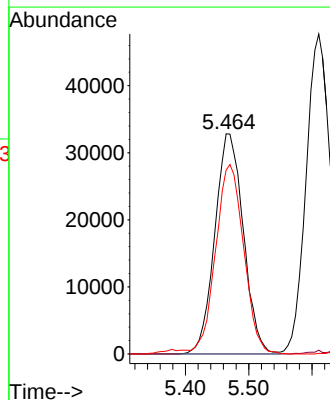
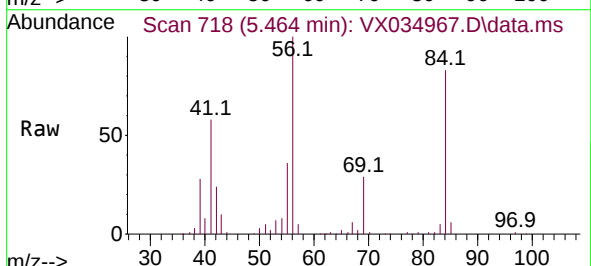
04/10/2023
Supervised By :Mahesh
Dadoda

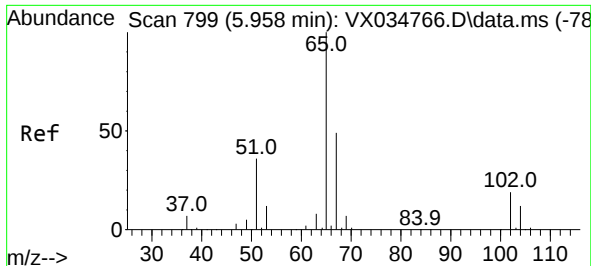
04/10/2023



#26
Cyclohexane
Concen: 19.002 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Tgt Ion: 56 Resp: 102769
Ion Ratio Lower Upper
56 100
89 0.1 0.0 0.0#
84 84.5 67.4 101.2





#27
1,2-Dichloroethane-d4
Concen: 29.134 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 65 Resp: 8210
Ion Ratio Lower Upper
65 100
67 51.0 40.9 61.3

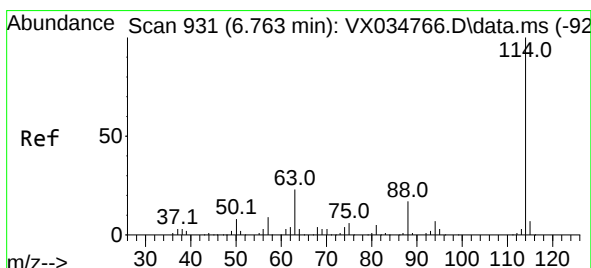
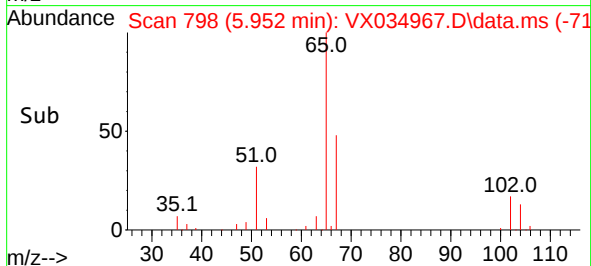
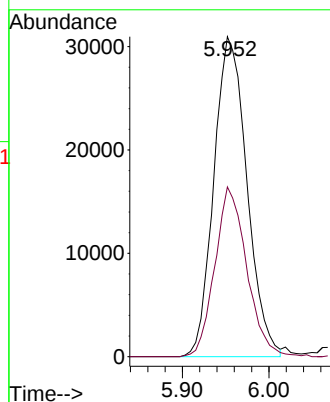
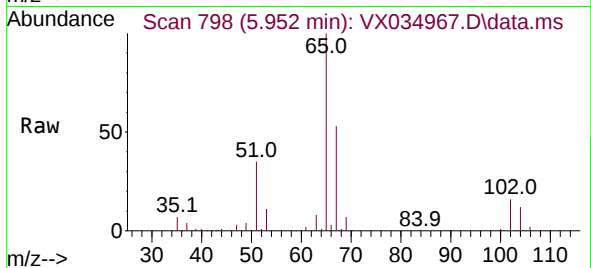
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Reviewed By :John
Carlone

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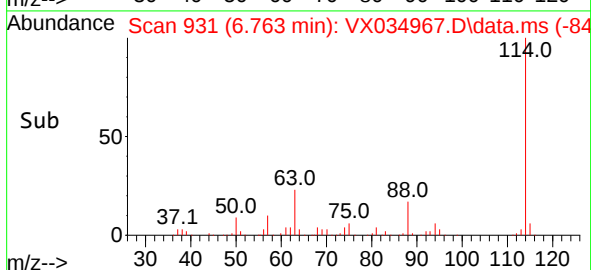
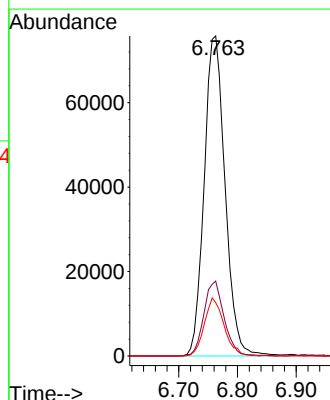
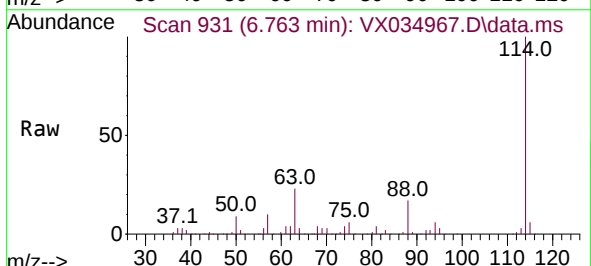
Supervised By :Mahesh
Dadoda

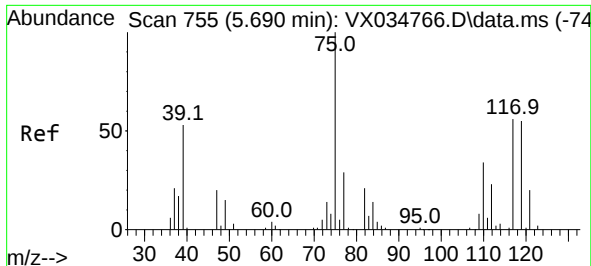
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#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

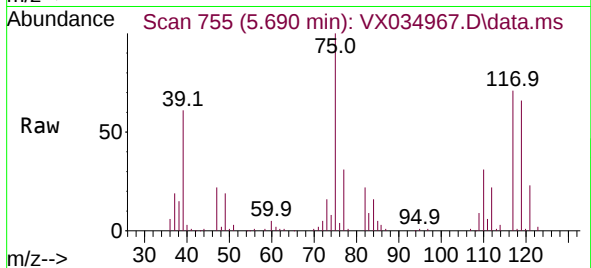
Tgt Ion:114 Resp: 187754
Ion Ratio Lower Upper
114 100
63 22.5 18.0 27.0
88 17.0 13.3 19.9





#29
1,1-Dichloropropene
Concen: 20.404 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



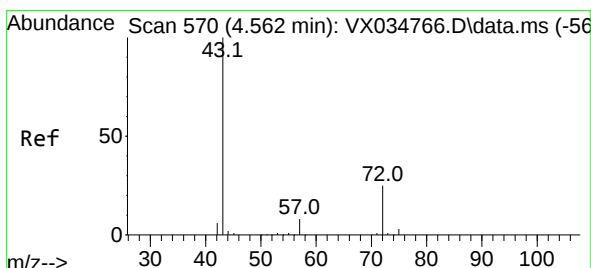
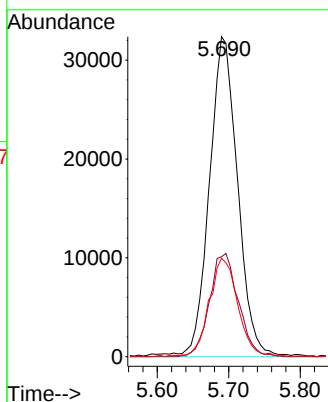
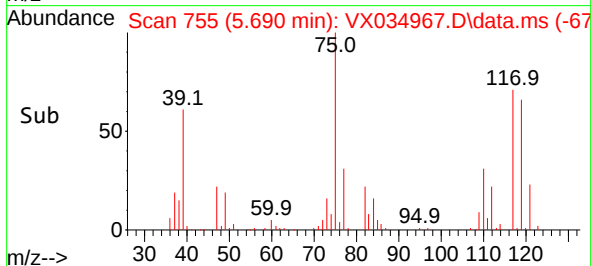
Tgt Ion: 75 Resp: 88112
Ion Ratio Lower Upper
75 100
110 32.9 0.0 71.4
77 31.1 0.0 61.6

Manual Integrations
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Reviewed By :John
Carlone

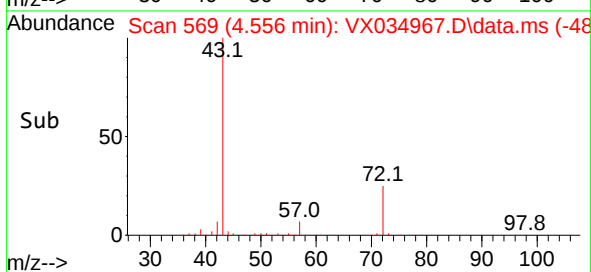
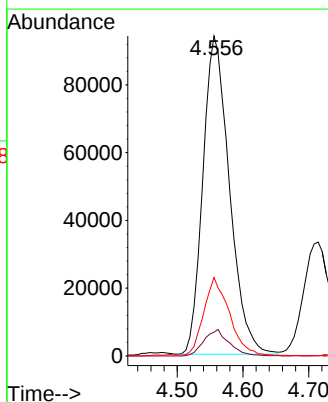
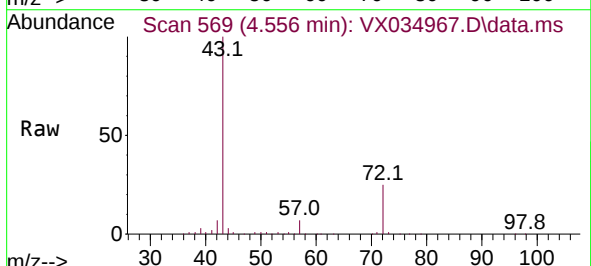
04/10/2023
Supervised By :Mahesh
Dadoda

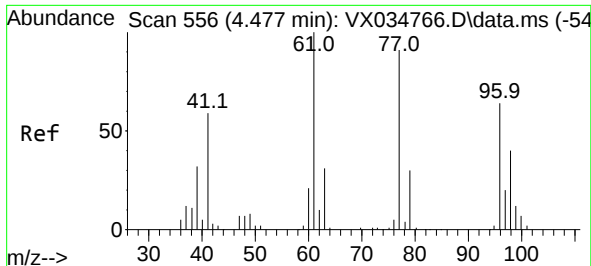
04/10/2023



#30
2-Butanone
Concen: 109.564 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

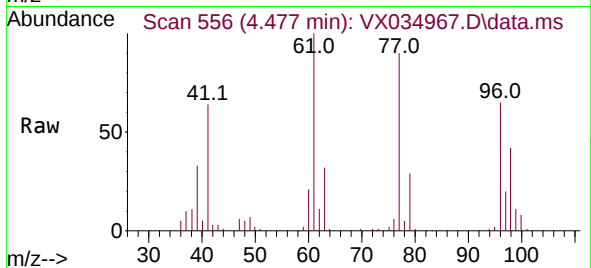
Tgt Ion: 43 Resp: 263858
Ion Ratio Lower Upper
43 100
57 7.8 6.3 9.5
72 24.0 19.6 29.4





#31
2,2-Dichloropropane
Concen: 20.534 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



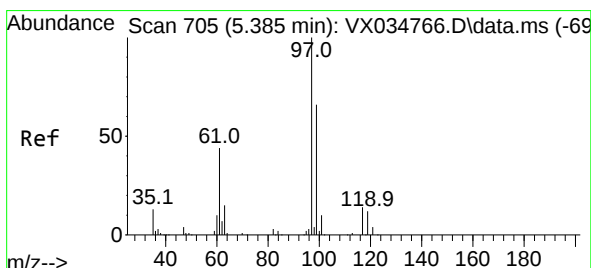
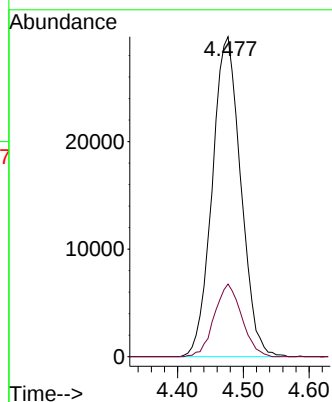
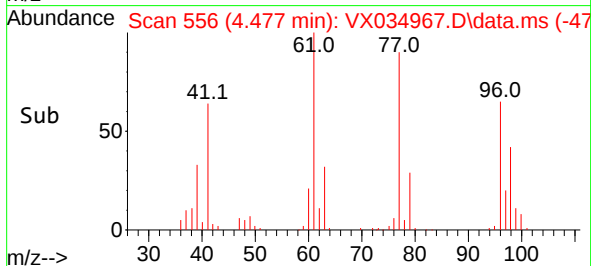
Tgt Ion: 77 Resp: 89925
Ion Ratio Lower Upper
77 100
97 21.8 18.2 27.4

Manual Integrations
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Reviewed By :John
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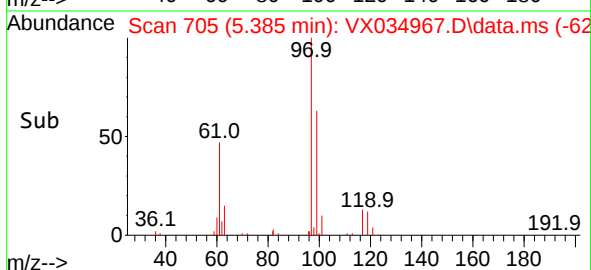
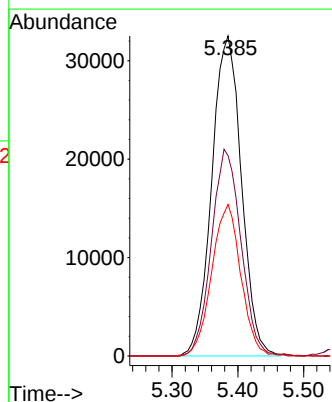
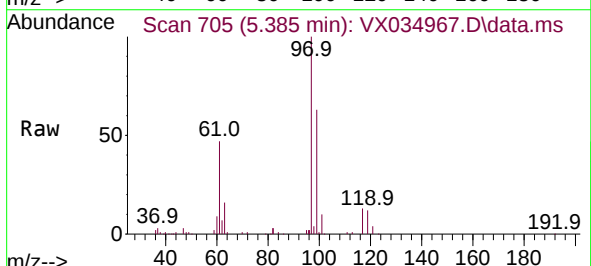
04/10/2023
Supervised By :Mahesh
Dadoda

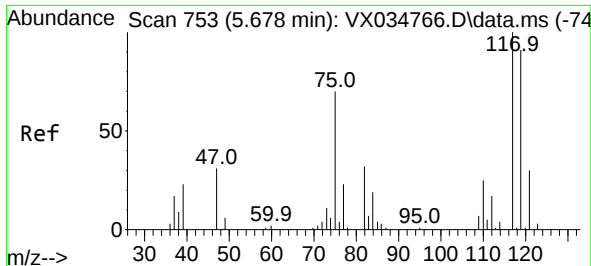
04/10/2023



#32
1,1,1-Trichloroethane
Concen: 20.144 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

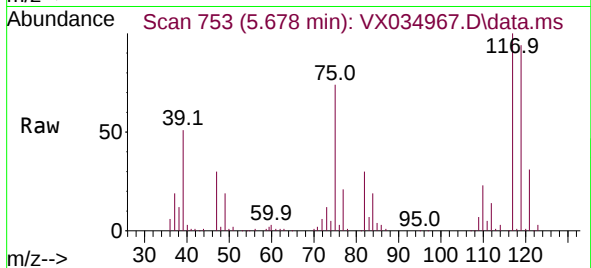
Tgt Ion: 97 Resp: 102050
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 46.3 36.6 55.0





#33
Carbon Tetrachloride
Concen: 21.073 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



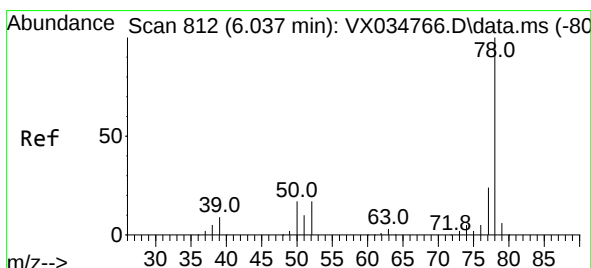
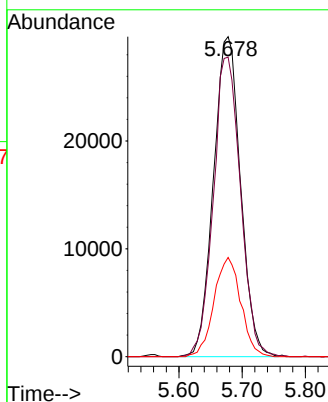
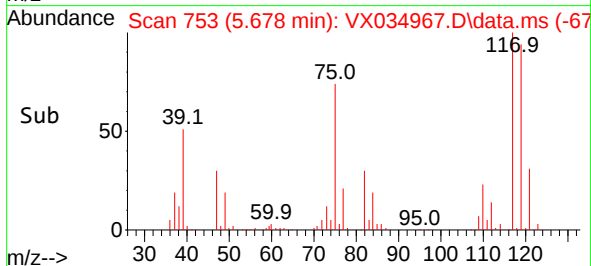
Tgt Ion:117 Resp: 88109
Ion Ratio Lower Upper
117 100
119 93.6 73.3 109.9
121 31.0 24.0 36.0

Manual Integrations
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Reviewed By :John
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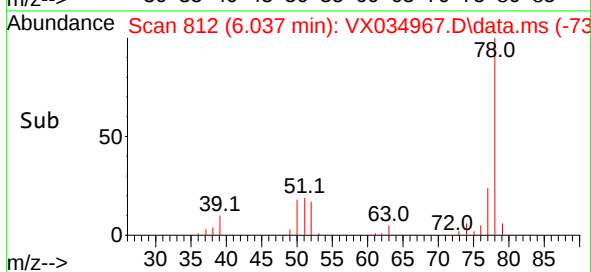
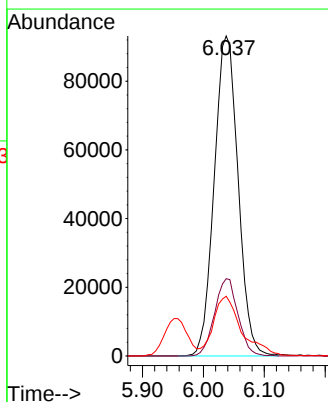
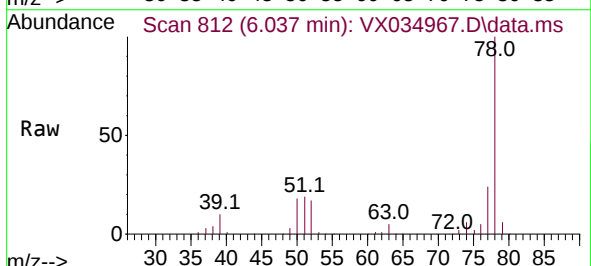
04/10/2023
Supervised By :Mahesh
Dadoda

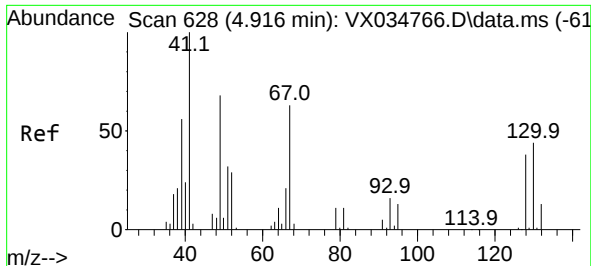
04/10/2023



#34
Benzene
Concen: 20.198 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Tgt Ion: 78 Resp: 253470
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.4
51 17.9 14.6 21.8





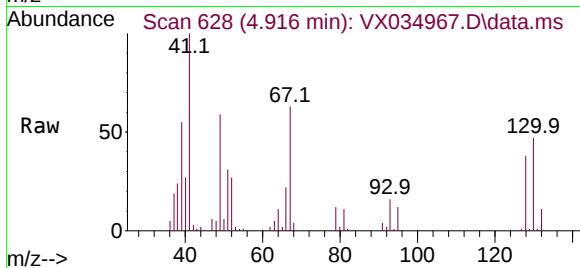
#35
Methacrylonitrile
Concen: 20.756 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



Tgt Ion	Ratio	Lower	Upper
41	100		
39	54.8	28.0	84.0
67	63.0	31.6	94.7
52	26.6	14.4	43.0

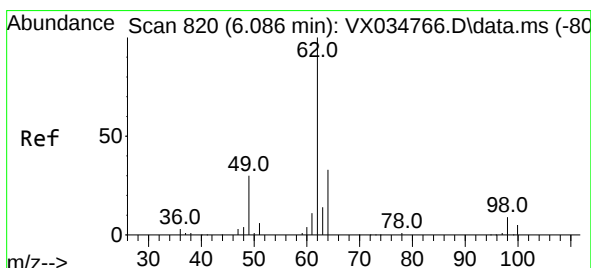
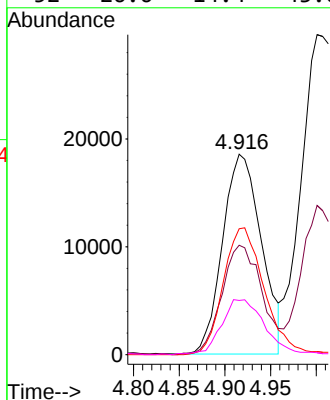
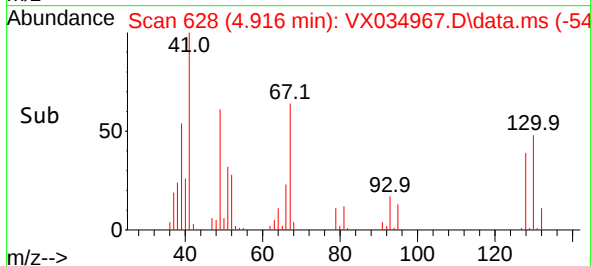
Manual Integrations
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Reviewed By :John
Carlone

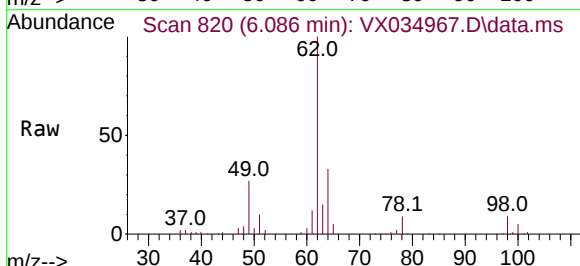
04/10/2023

Supervised By :Mahesh
Dadoda

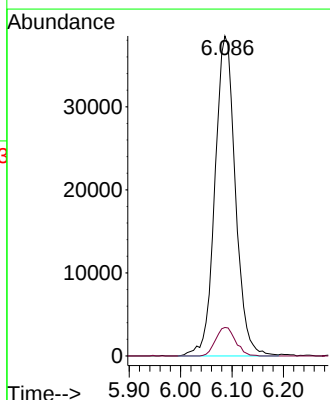
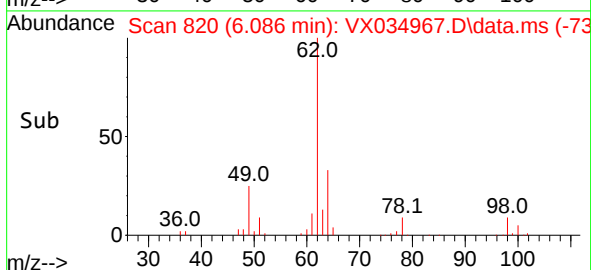
04/10/2023

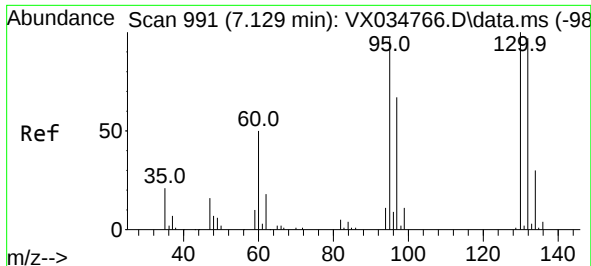


#36
1,2-Dichloroethane
Concen: 21.666 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18



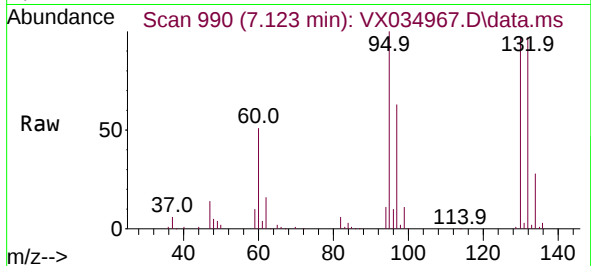
Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.7	7.0	10.6





#37
Trichloroethene
Concen: 20.218 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



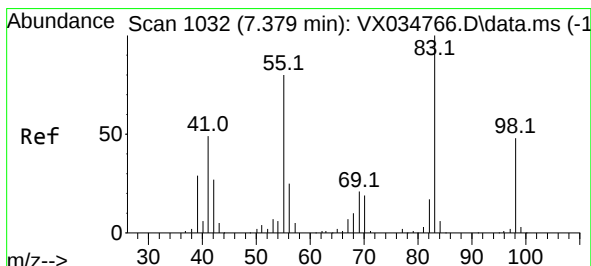
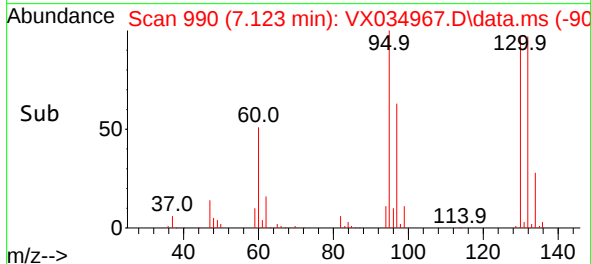
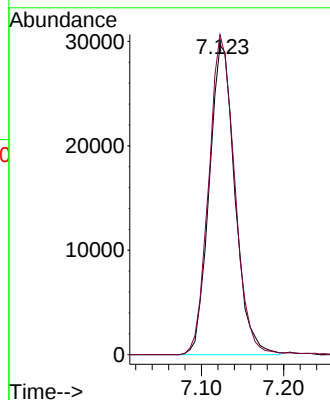
Tgt Ion:130 Resp: 64572
Ion Ratio Lower Upper
130 100
95 103.3 77.8 116.6

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Reviewed By :John
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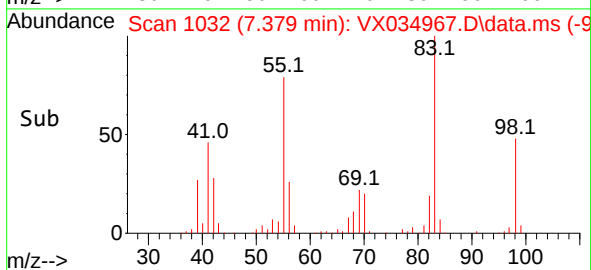
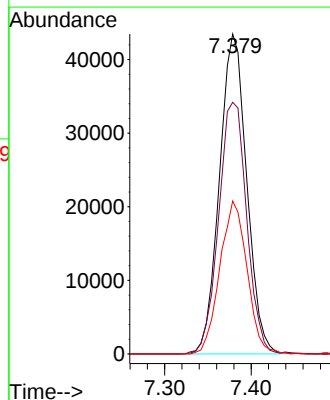
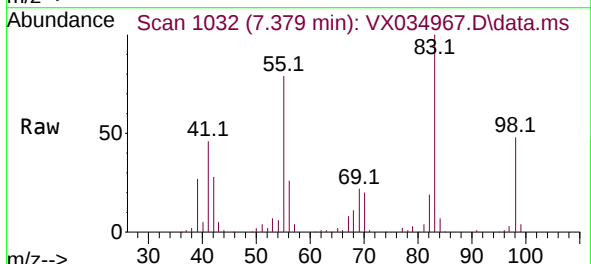
04/10/2023
Supervised By :Mahesh
Dadoda

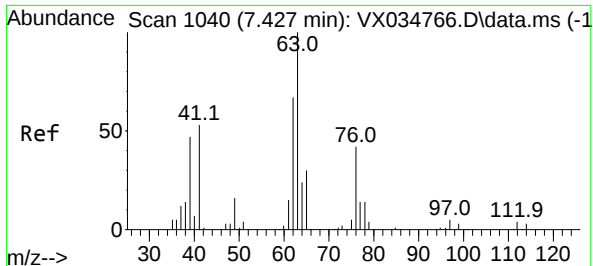
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#38
Methylcyclohexane
Concen: 20.144 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Tgt Ion: 83 Resp: 95037
Ion Ratio Lower Upper
83 100
55 81.0 38.8 116.4
98 47.7 23.8 71.2





#39

1,2-Dichloropropane

Concen: 20.691 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034967.D

Acq: 07 Apr 2023 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 6749

Ion Ratio Lower Upper

63 100

65 26.7 24.0 36.0

Manual Integrations

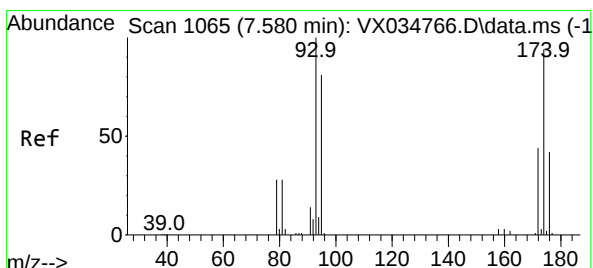
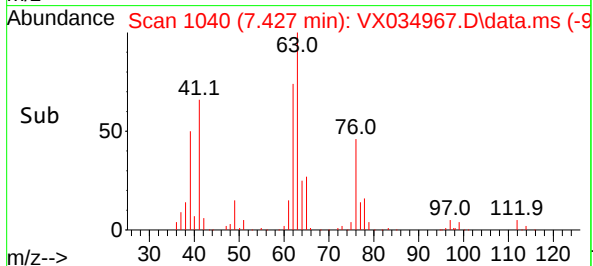
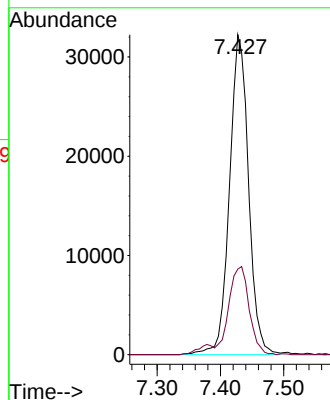
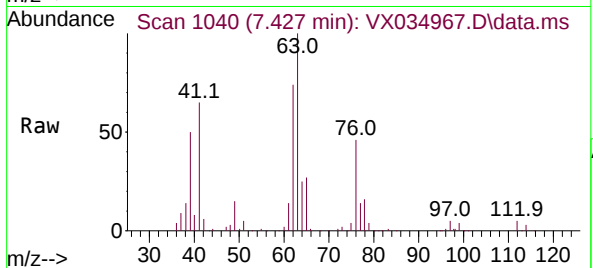
APPROVED

Reviewed By :John
Carlone

04/10/2023

Supervised By :Mahesh
Dadoda

04/10/2023



#40

Dibromomethane

Concen: 20.591 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX034967.D

Acq: 07 Apr 2023 13:18

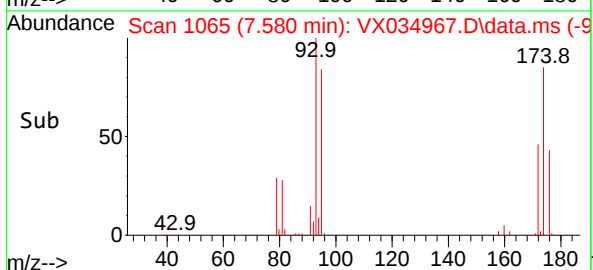
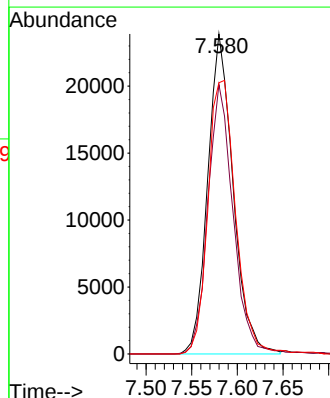
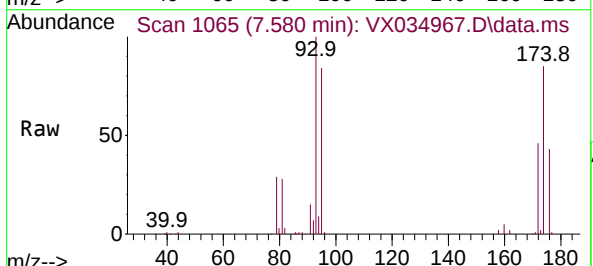
Tgt Ion: 93 Resp: 46139

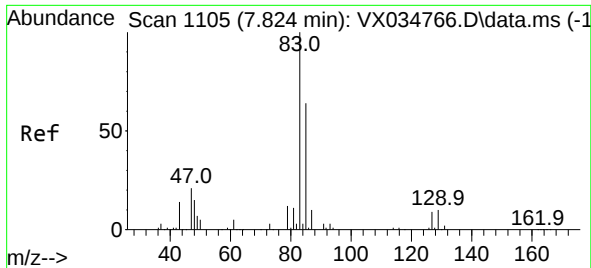
Ion Ratio Lower Upper

93 100

95 83.5 0.0 165.8

174 92.9 0.0 188.8





#41
Bromodichloromethane
Concen: 20.654 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 87170
Ion Ratio Lower Upper
83 100
85 61.0 51.1 76.7
127 7.9 8.2 12.4

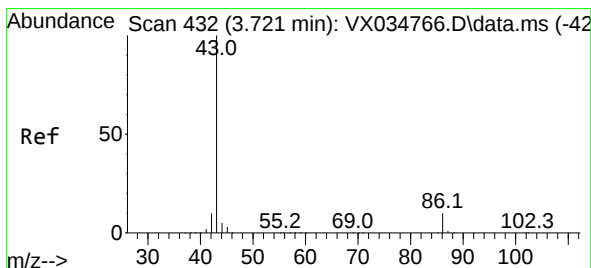
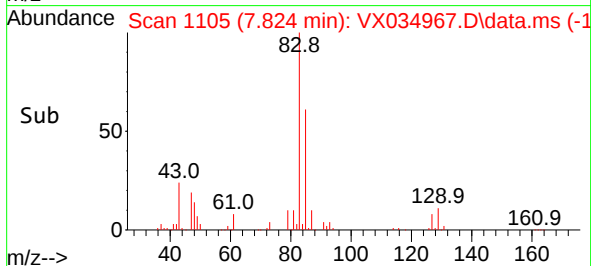
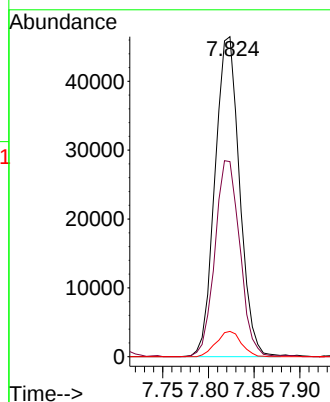
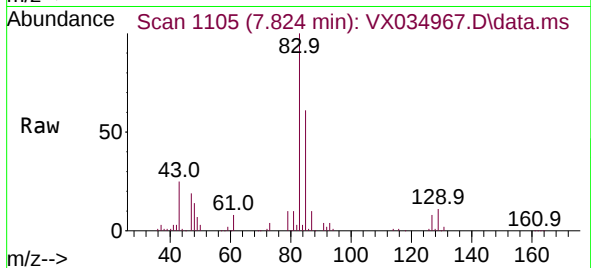
Manual Integrations
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Reviewed By :John
Carlone

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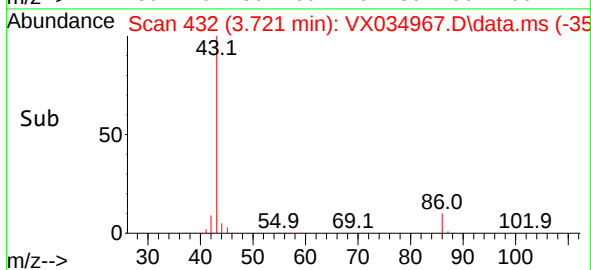
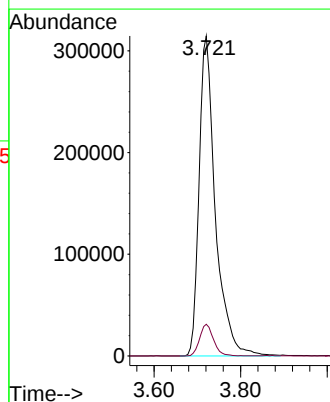
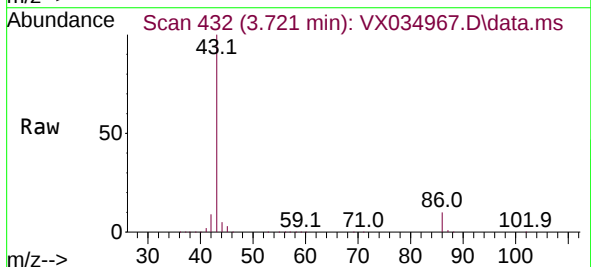
Supervised By :Mahesh
Dadoda

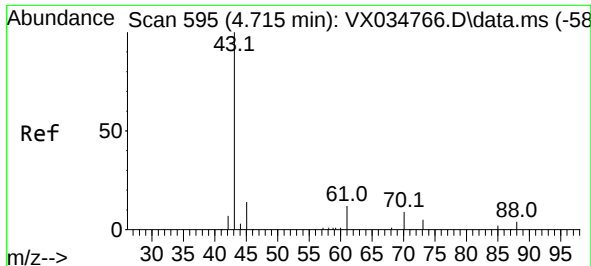
04/10/2023



#42
Vinyl Acetate
Concen: 104.674 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

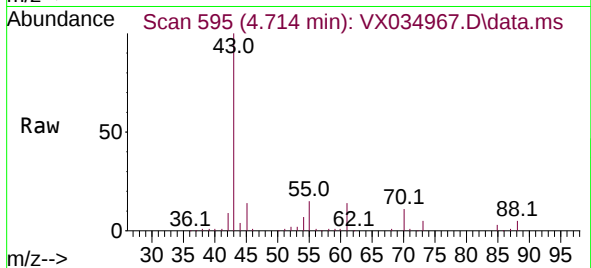
Tgt Ion: 43 Resp: 822388
Ion Ratio Lower Upper
43 100
86 8.4 6.9 10.3





#43
Ethyl Acetate
Concen: 21.495 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.001 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



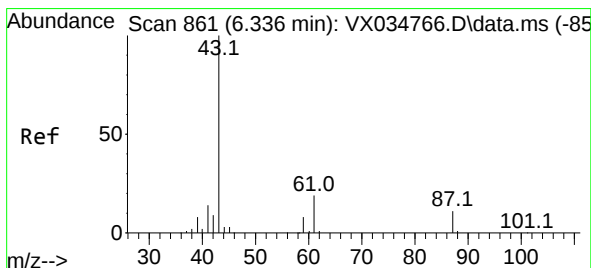
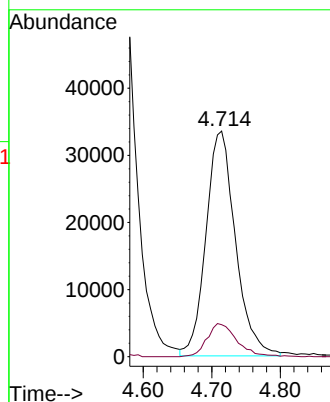
Tgt Ion: 43 Resp: 100394
Ion Ratio Lower Upper
43 100
45 14.7 12.0 18.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

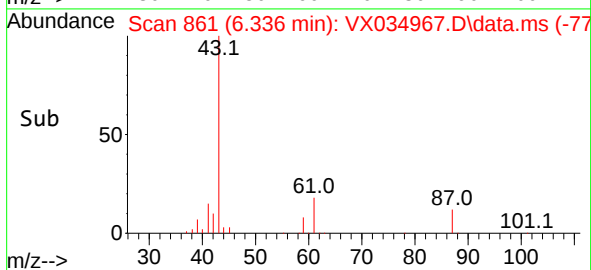
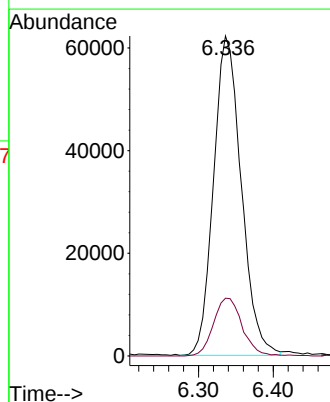
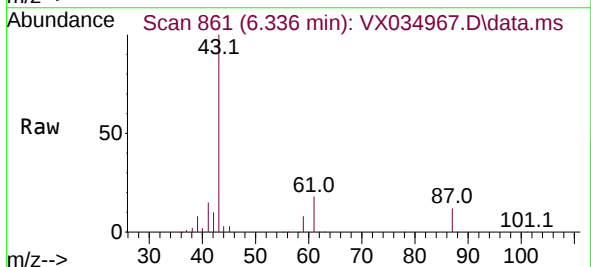
04/10/2023
Supervised By :Mahesh
Dadoda

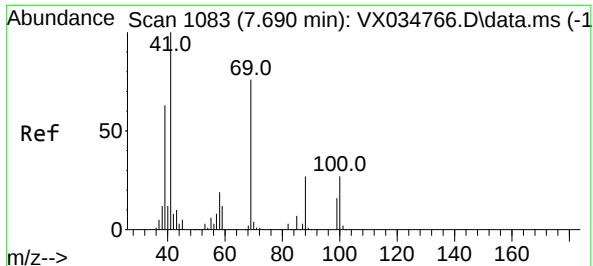
04/10/2023



#44
Isopropyl Acetate
Concen: 20.258 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Tgt Ion: 43 Resp: 160172
Ion Ratio Lower Upper
43 100
61 18.7 15.4 23.0





#45

1,4-Dioxane

Concen: 438.036 ug/l

RT: 7.689 min Scan# 1083

Delta R.T. -0.001 min

Lab File: VX034967.D

Acq: 07 Apr 2023 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 88	Resp: 3431
Ion Ratio	Lower Upper
88 100	
43 36.9	26.5 39.7
58 72.7	55.6 83.4

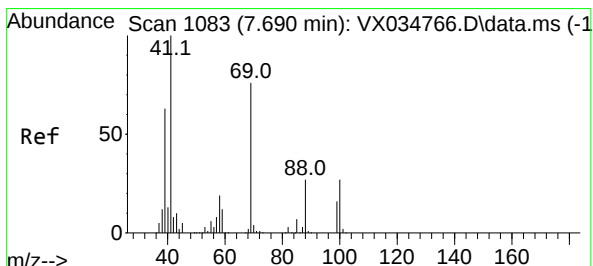
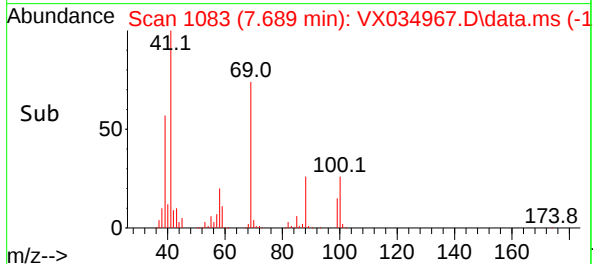
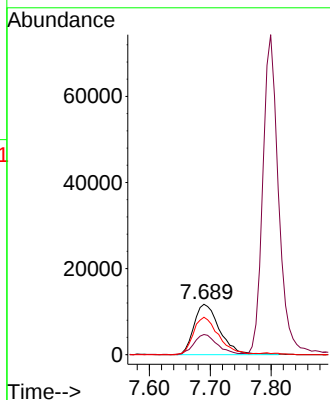
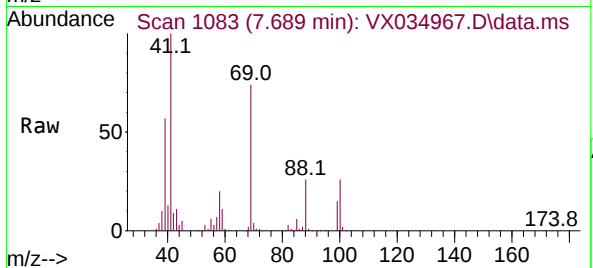
Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/10/2023

Supervised By :Mahesh
Dadoda

04/10/2023



#46

Methyl methacrylate

Concen: 20.743 ug/l

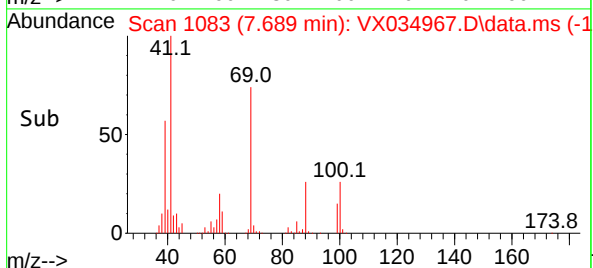
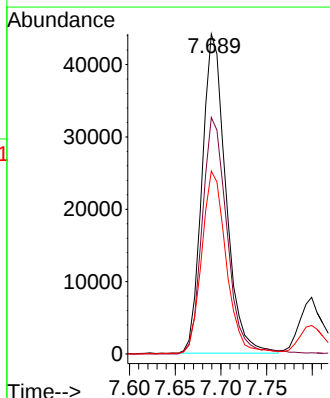
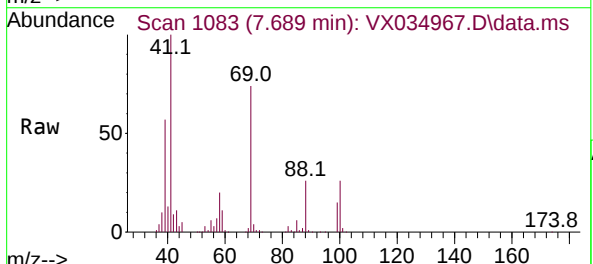
RT: 7.689 min Scan# 1083

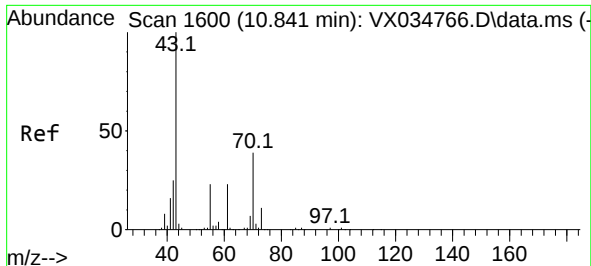
Delta R.T. -0.001 min

Lab File: VX034967.D

Acq: 07 Apr 2023 13:18

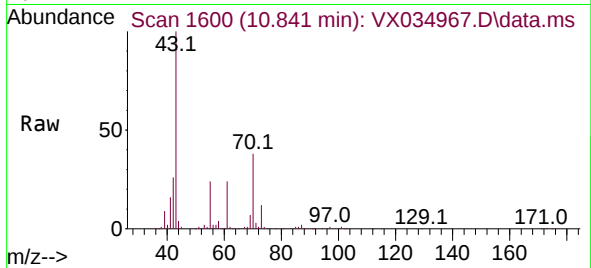
Tgt Ion: 41	Resp: 79913
Ion Ratio	Lower Upper
41 100	
69 74.1	38.1 114.5
39 57.0	31.4 94.3





#47
n-amy1 Acetate
Concen: 19.459 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



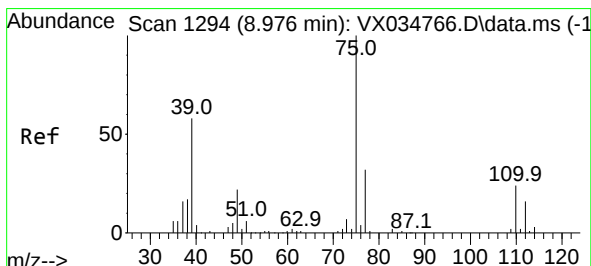
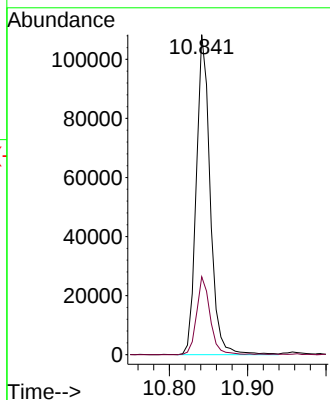
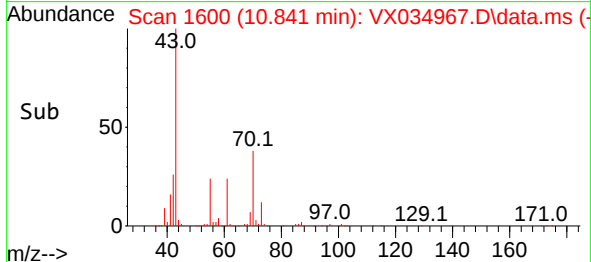
Tgt Ion: 43 Resp: 133759
Ion Ratio Lower Upper
43 100
55 23.6 18.6 28.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

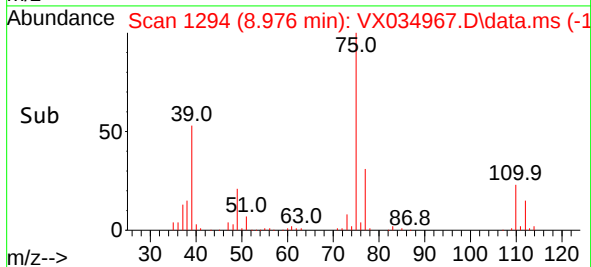
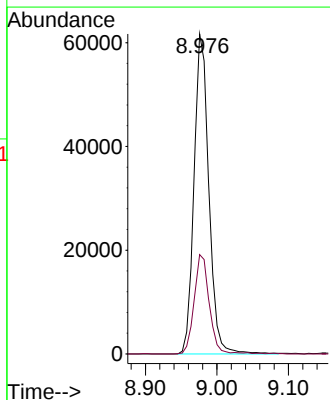
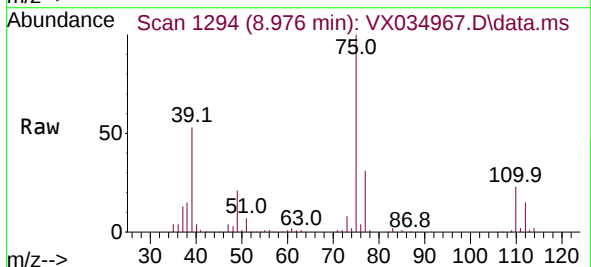
04/10/2023
Supervised By :Mahesh
Dadoda

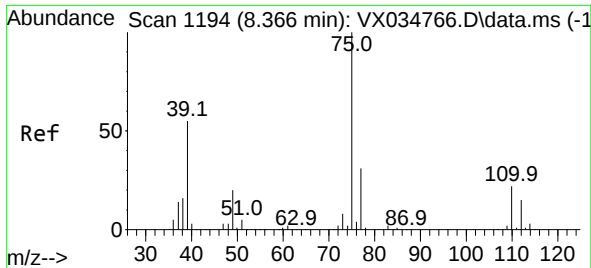
04/10/2023



#48
t-1,3-Dichloropropene
Concen: 19.303 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

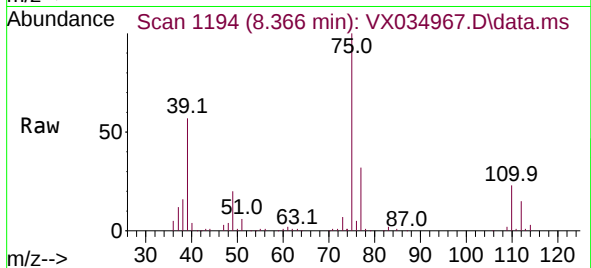
Tgt Ion: 75 Resp: 88770
Ion Ratio Lower Upper
75 100
77 31.0 25.5 38.3





#49
cis-1,3-Dichloropropene
Concen: 19.858 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



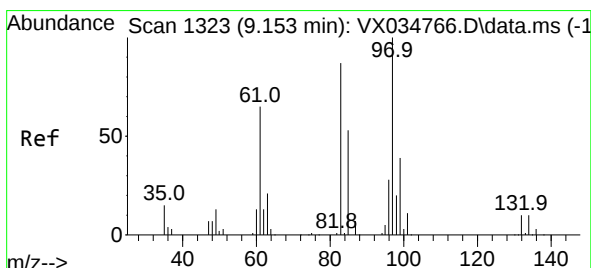
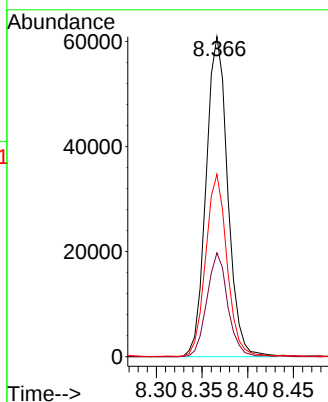
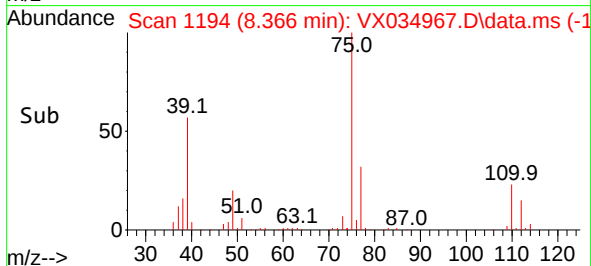
Tgt Ion: 75 Resp: 10032
Ion Ratio Lower Upper
75 100
77 32.5 24.6 37.0
39 56.9 44.2 66.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

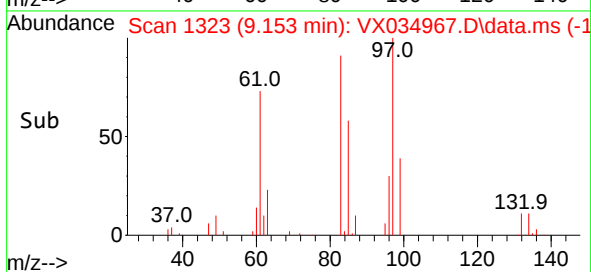
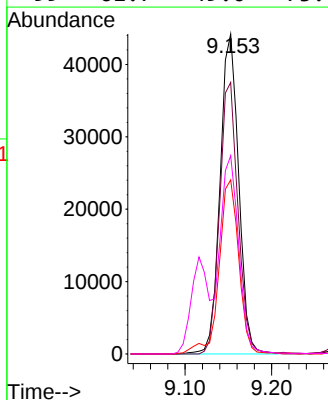
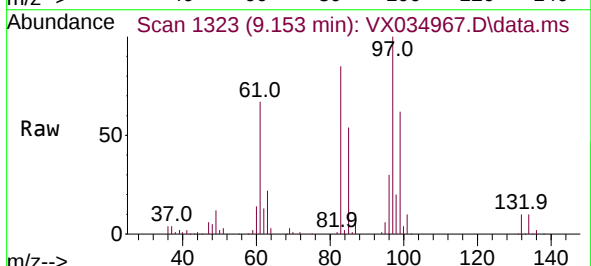
04/10/2023
Supervised By :Mahesh
Dadoda

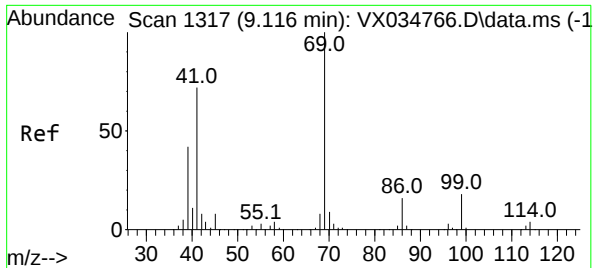
04/10/2023



#50
1,1,2-Trichloroethane
Concen: 21.104 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

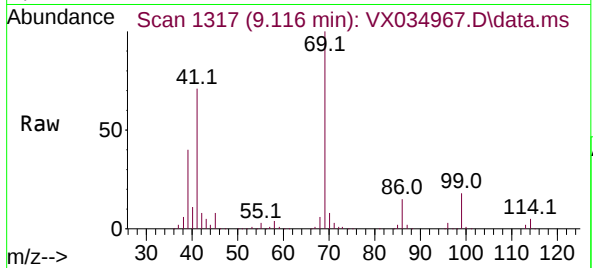
Tgt Ion: 97 Resp: 65881
Ion Ratio Lower Upper
97 100
83 84.9 68.9 103.3
85 54.2 44.0 66.0
99 61.7 49.0 73.4





#51
Ethyl methacrylate
Concen: 20.201 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



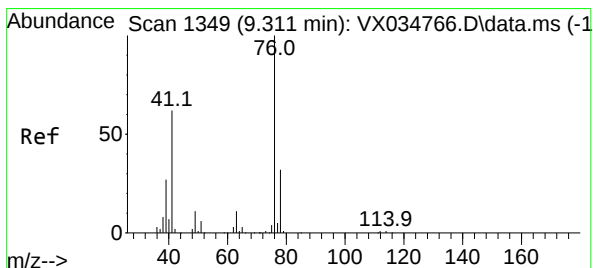
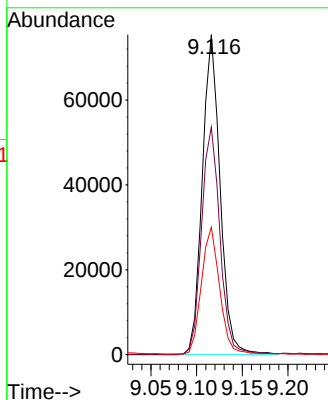
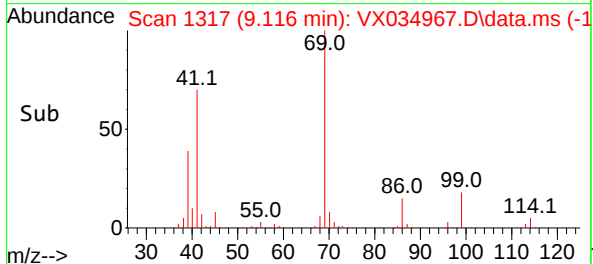
Tgt Ion: 69 Resp: 102350
Ion Ratio Lower Upper
69 100
41 71.0 36.2 108.6
39 39.6 21.2 63.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

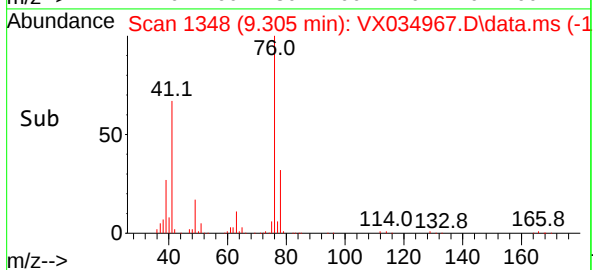
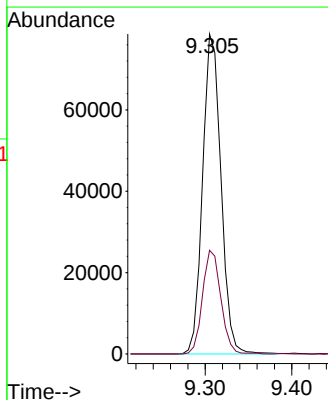
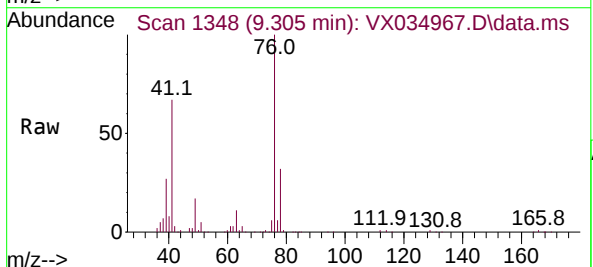
04/10/2023
Supervised By :Mahesh
Dadoda

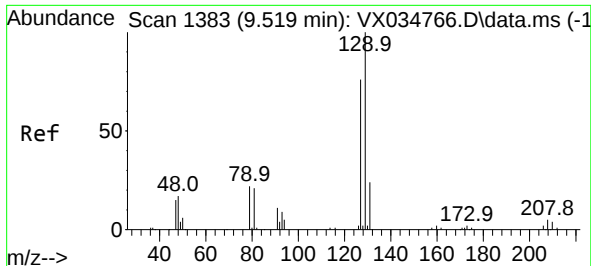
04/10/2023



#52
1,3-Dichloropropane
Concen: 20.995 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

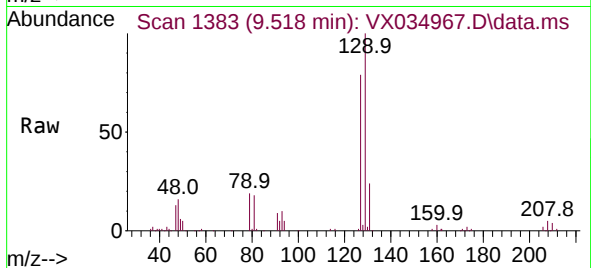
Tgt Ion: 76 Resp: 115780
Ion Ratio Lower Upper
76 100
78 32.2 0.0 63.8





#53
Dibromochloromethane
Concen: 19.632 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.001 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



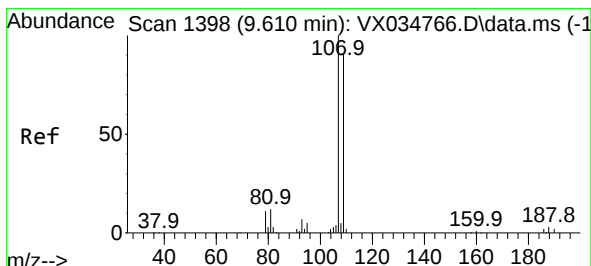
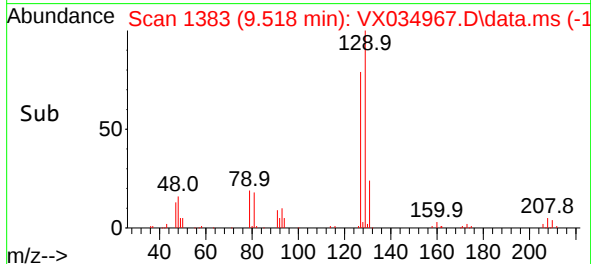
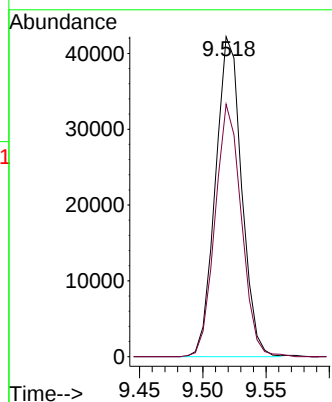
Tgt Ion:129 Resp: 60629
Ion Ratio Lower Upper
129 100
127 79.4 39.1 117.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

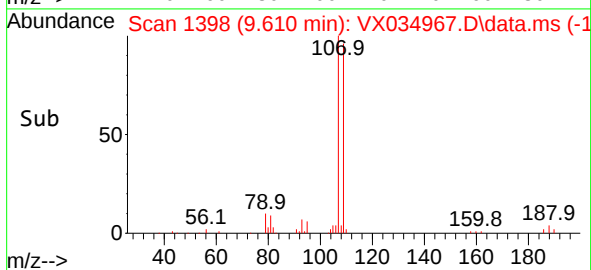
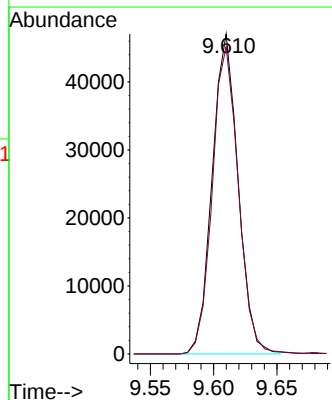
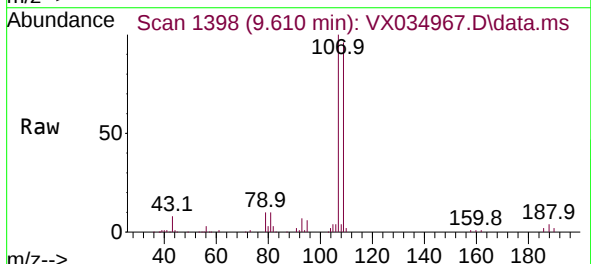
04/10/2023
Supervised By :Mahesh
Dadoda

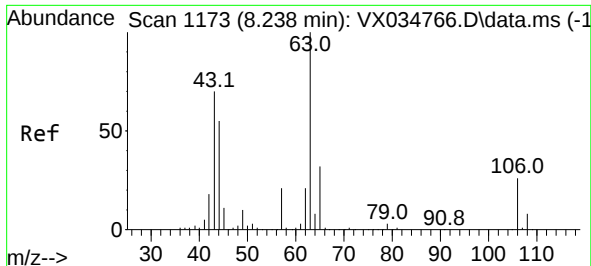
04/10/2023



#54
1,2-Dibromoethane
Concen: 20.051 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Tgt Ion:107 Resp: 66953
Ion Ratio Lower Upper
107 100
109 96.6 75.4 113.2





#55

2-Chloroethyl vinyl ether

Concen: 105.450 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034967.D

Acq: 07 Apr 2023 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 281164

Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.4	38.2
106	27.6	21.6	32.4

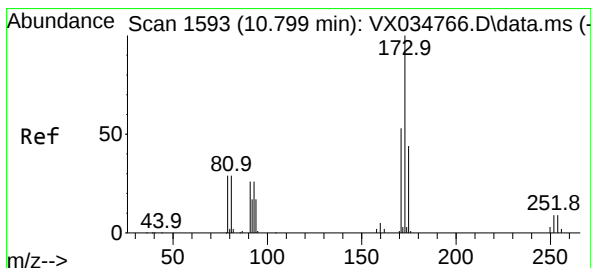
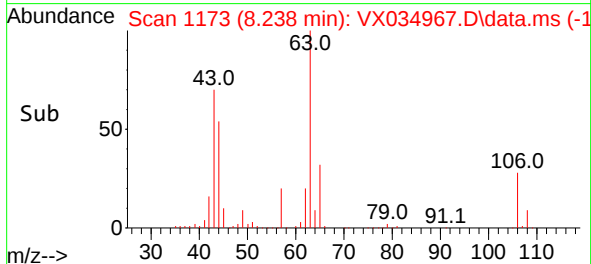
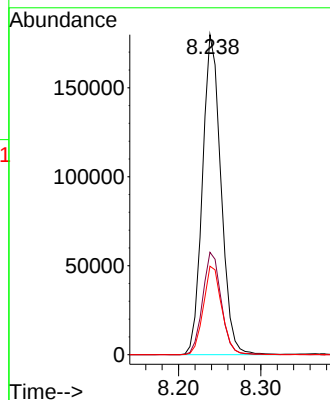
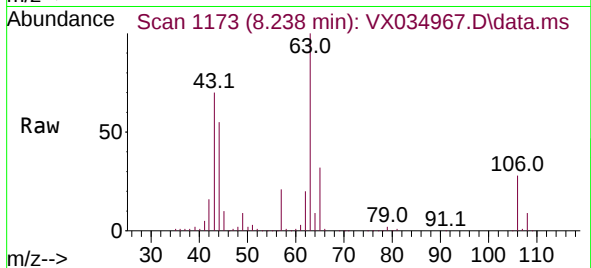
Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/10/2023

Supervised By :Mahesh
Dadoda

04/10/2023



#56

Bromoform

Concen: 18.531 ug/l

RT: 10.799 min Scan# 1593

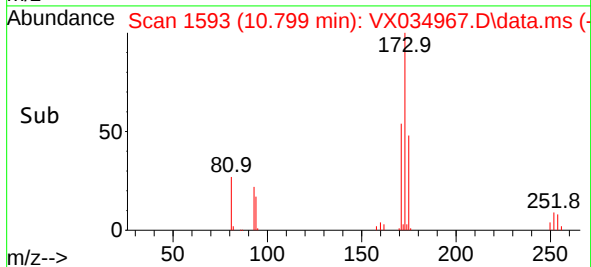
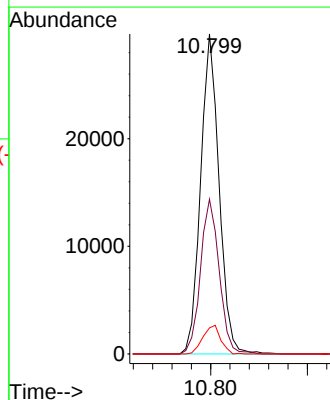
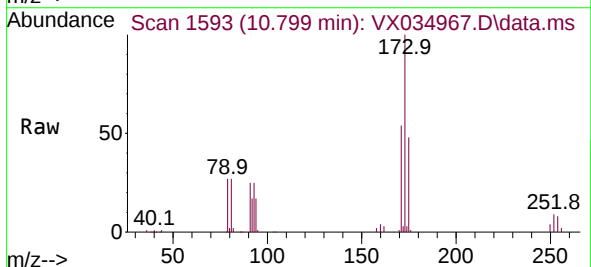
Delta R.T. -0.000 min

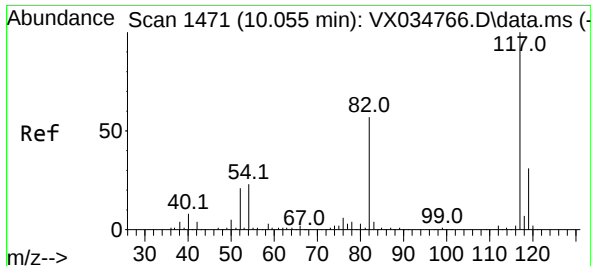
Lab File: VX034967.D

Acq: 07 Apr 2023 13:18

Tgt Ion:173 Resp: 39460

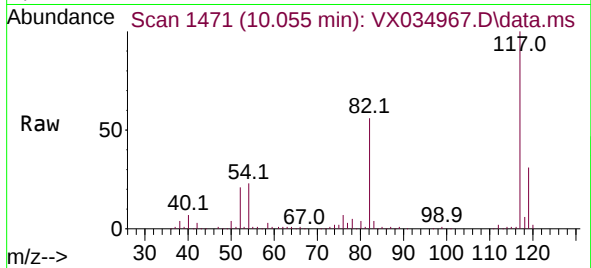
Ion	Ratio	Lower	Upper
173	100		
175	48.8	37.0	55.4
254	8.6	6.7	10.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



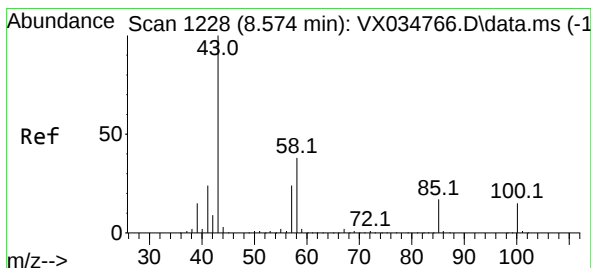
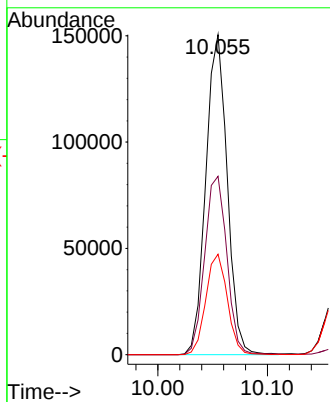
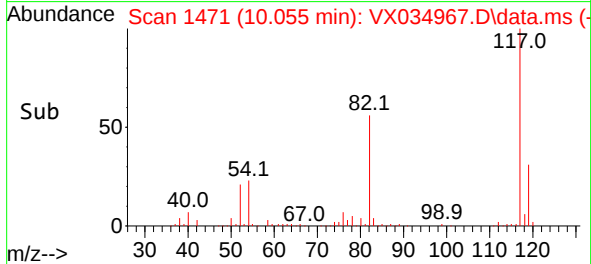
Tgt Ion: 117 Resp: 20436
Ion Ratio Lower Upper
117 100
82 57.9 45.8 68.8
119 31.6 25.4 38.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

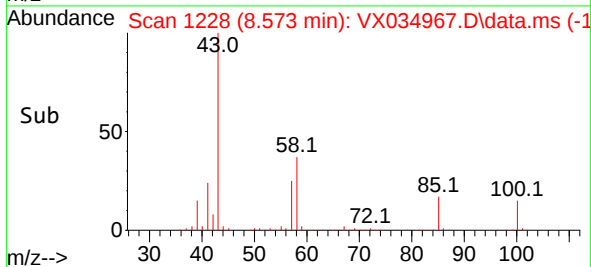
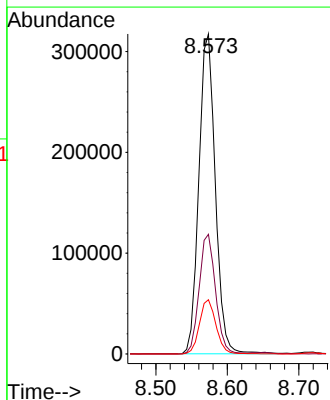
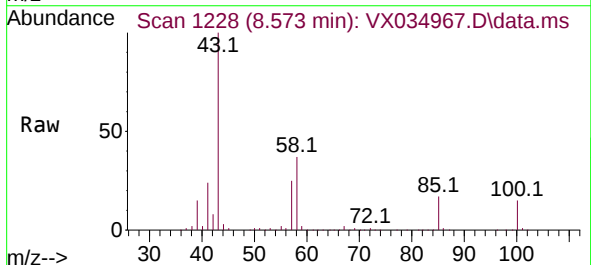
04/10/2023
Supervised By :Mahesh
Dadoda

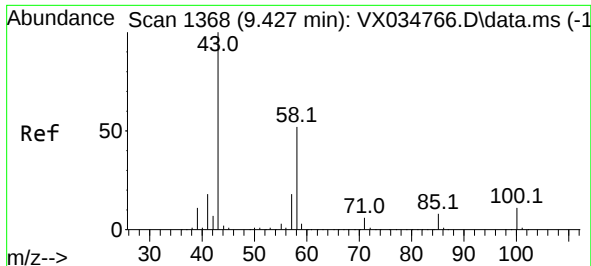
04/10/2023



#58
4-Methyl-2-Pentanone
Concen: 108.197 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.001 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Tgt Ion: 43 Resp: 506960
Ion Ratio Lower Upper
43 100
58 37.3 29.9 44.9
85 17.0 13.2 19.8





#59

2-Hexanone

Concen: 108.394 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX034967.D

Acq: 07 Apr 2023 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 382394

Ion	Ratio	Lower	Upper
43	100		
58	51.8	41.7	62.5
57	18.8	14.7	22.1

Manual Integrations

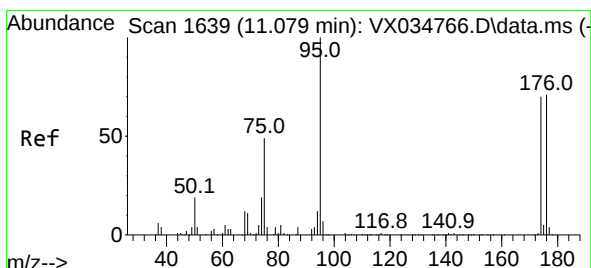
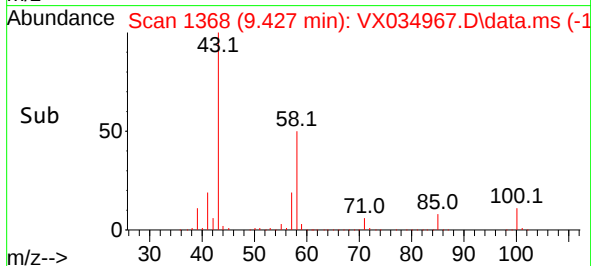
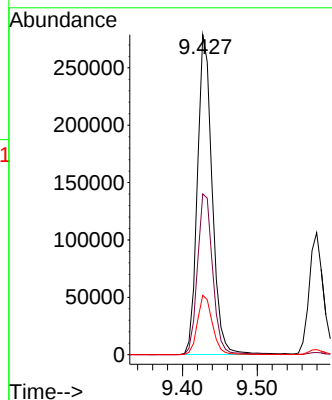
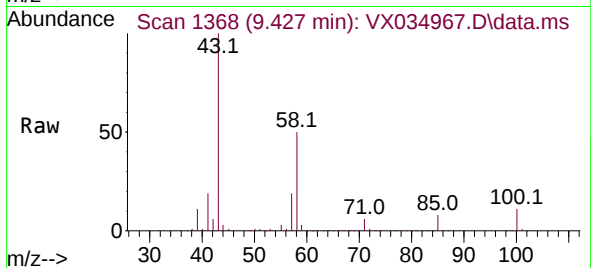
APPROVED

Reviewed By :John
Carlone

04/10/2023

Supervised By :Mahesh
Dadoda

04/10/2023



#60

4-Bromofluorobenzene

Concen: 30.197 ug/l

RT: 11.079 min Scan# 1639

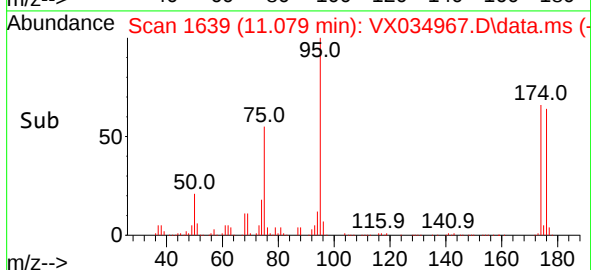
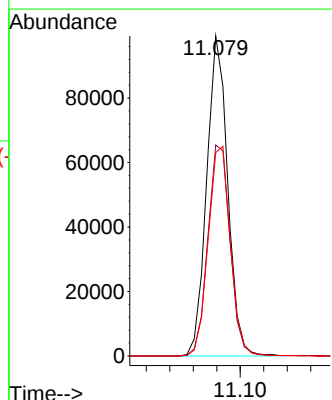
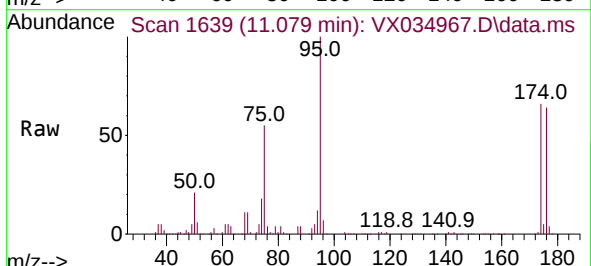
Delta R.T. 0.000 min

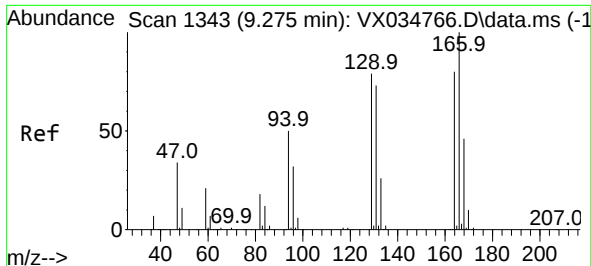
Lab File: VX034967.D

Acq: 07 Apr 2023 13:18

Tgt Ion: 95 Resp: 123309

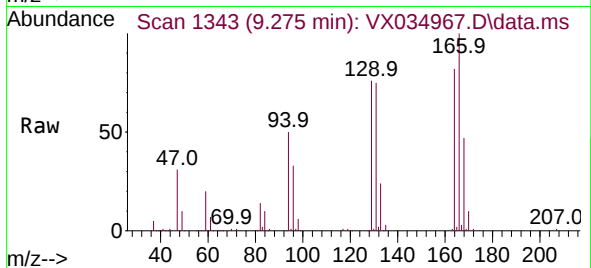
Ion	Ratio	Lower	Upper
95	100		
174	69.7	0.2	0.4#
176	68.8	0.2	0.2#





#61
Tetrachloroethene
Concen: 20.711 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



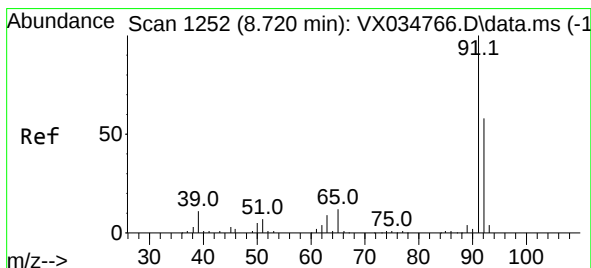
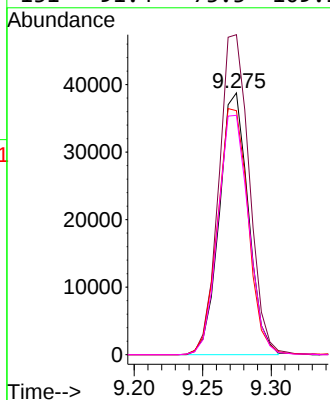
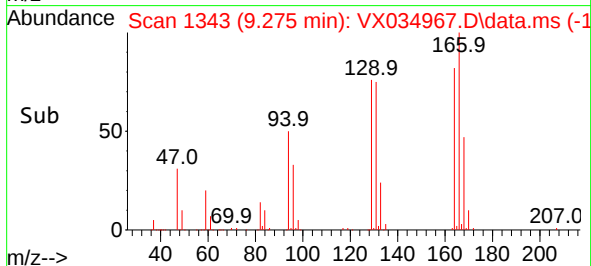
Tgt Ion:164 Resp: 57030
Ion Ratio Lower Upper
164 100
166 122.2 100.1 150.1
129 93.2 79.1 118.7
131 91.4 73.3 109.9

Manual Integrations
APPROVED

Reviewed By :John
Carlone

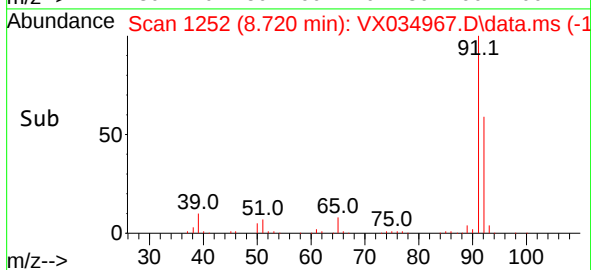
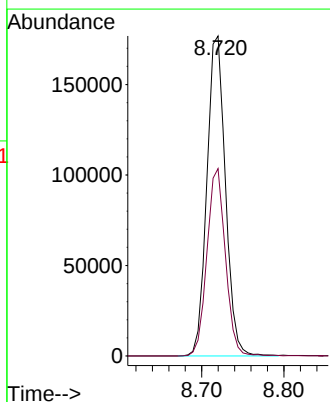
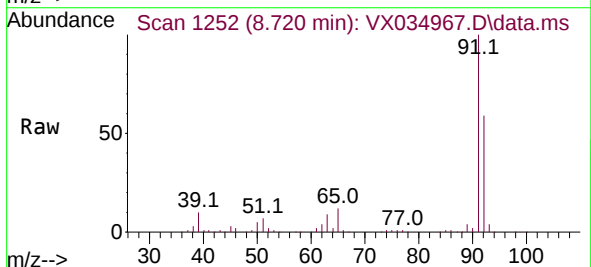
04/10/2023
Supervised By :Mahesh
Dadoda

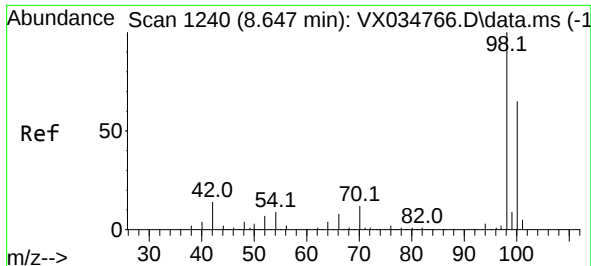
04/10/2023



#62
Toluene
Concen: 20.746 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

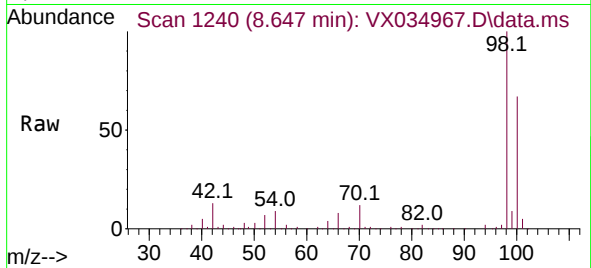
Tgt Ion: 91 Resp: 277222
Ion Ratio Lower Upper
91 100
92 58.0 46.5 69.7





#63
Toluene-d8
Concen: 29.861 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



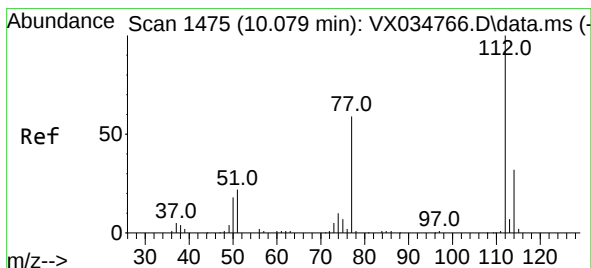
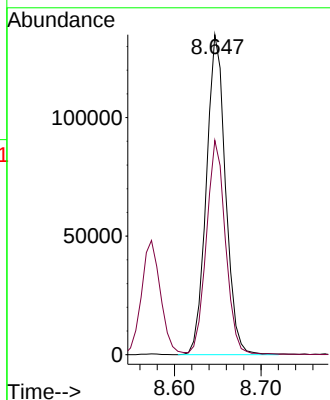
Tgt Ion: 98 Resp: 207384
Ion Ratio Lower Upper
98 100
100 66.3 52.1 78.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

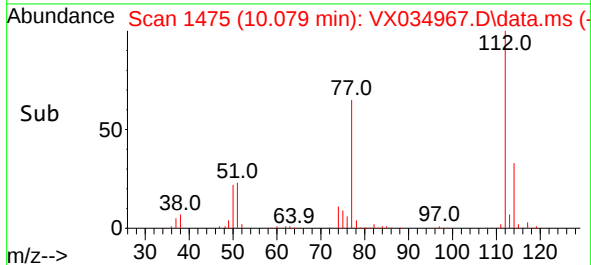
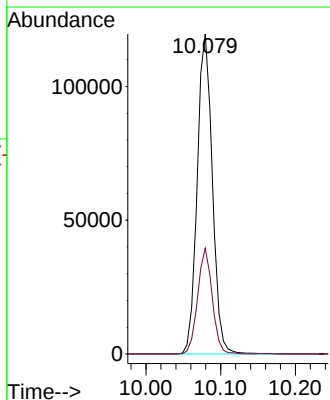
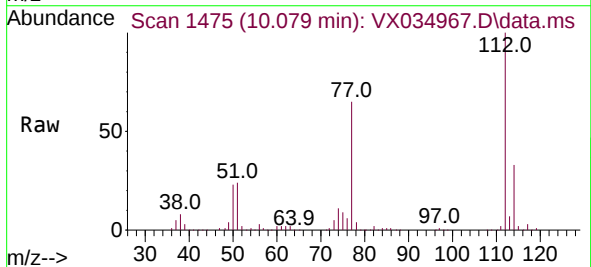
04/10/2023
Supervised By :Mahesh
Dadoda

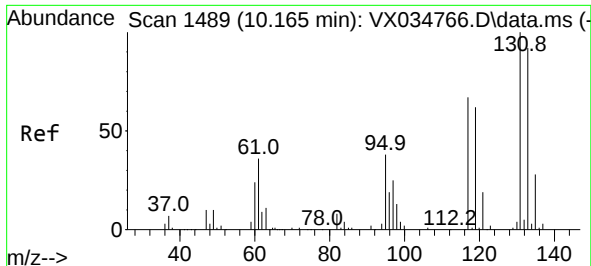
04/10/2023



#64
Chlorobenzene
Concen: 20.456 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

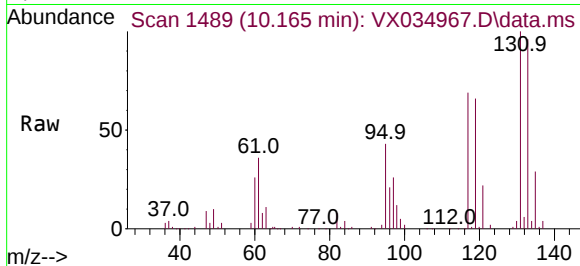
Tgt Ion:112 Resp: 168332
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.8





#65
1,1,1,2-Tetrachloroethane
Concen: 20.201 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



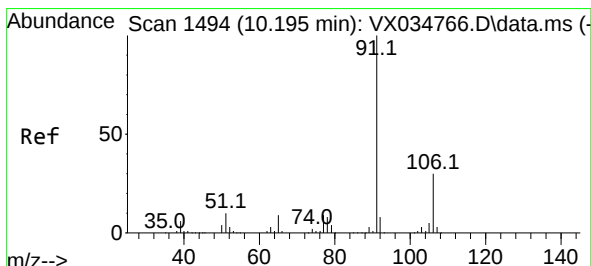
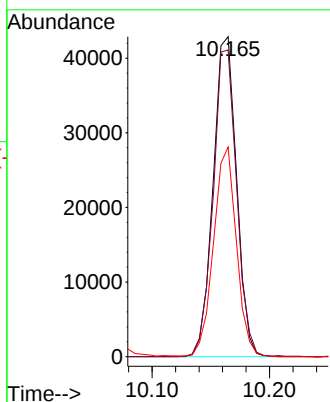
Tgt Ion:131 Resp: 59420
Ion Ratio Lower Upper
131 100
133 96.6 0.0 186.6
119 64.1 0.0 128.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

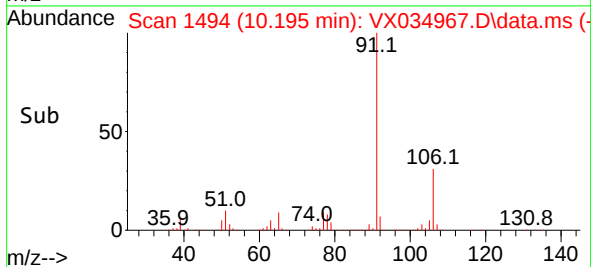
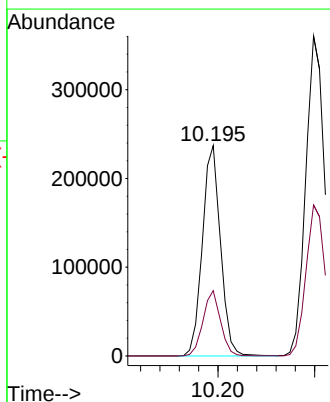
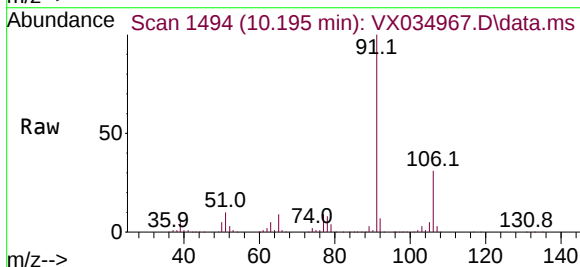
04/10/2023
Supervised By :Mahesh
Dadoda

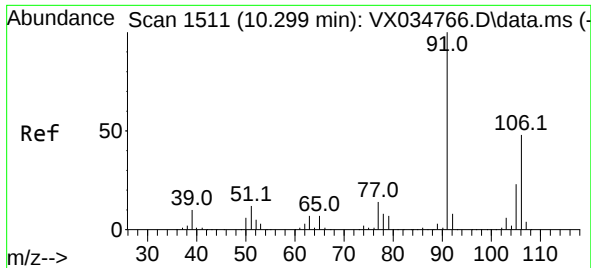
04/10/2023



#66
Ethyl Benzene
Concen: 20.779 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Tgt Ion: 91 Resp: 309257
Ion Ratio Lower Upper
91 100
106 31.0 24.4 36.6





#67
m/p-Xylenes
Concen: 41.276 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

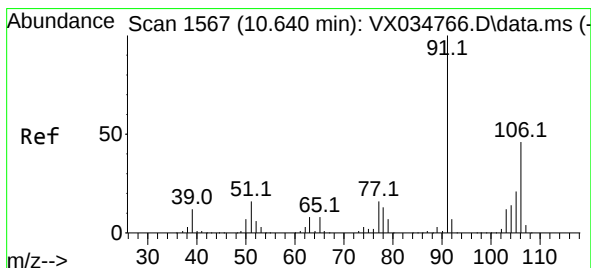
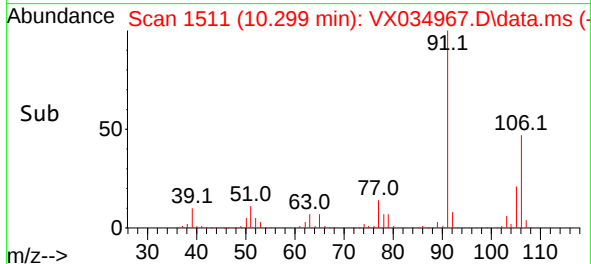
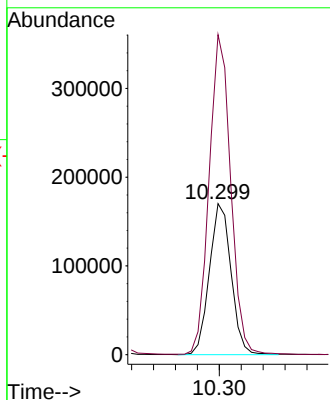
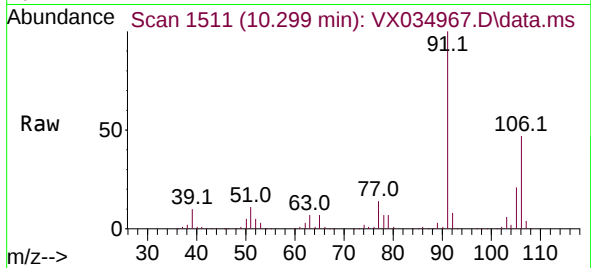
Tgt Ion:106 Resp: 23374
Ion Ratio Lower Upper
106 100
91 211.5 167.4 251.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

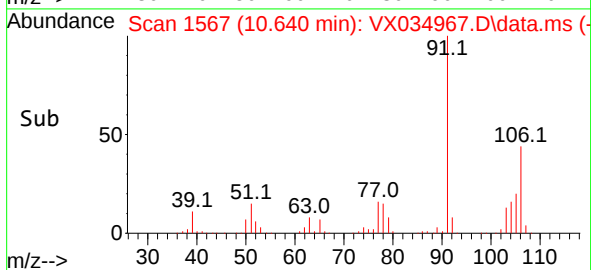
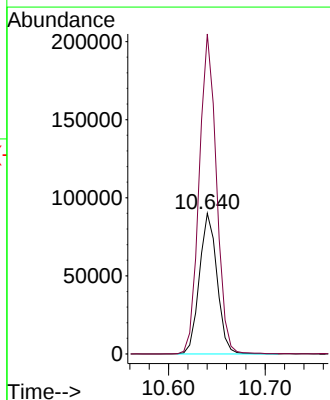
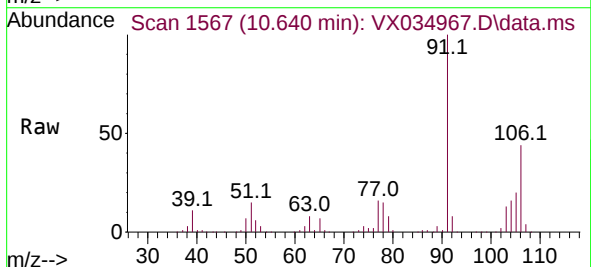
04/10/2023
Supervised By :Mahesh
Dadoda

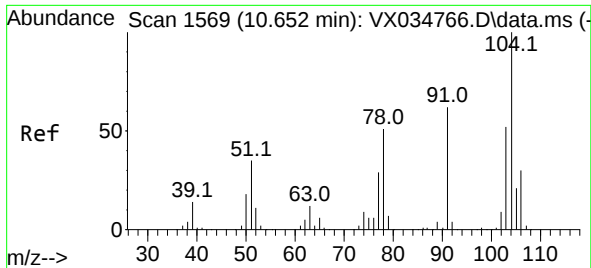
04/10/2023



#68
o-Xylene
Concen: 20.444 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

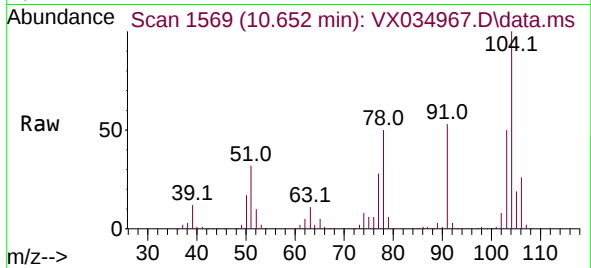
Tgt Ion:106 Resp: 114492
Ion Ratio Lower Upper
106 100
91 221.5 108.9 326.8





#69
Styrene
Concen: 20.656 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



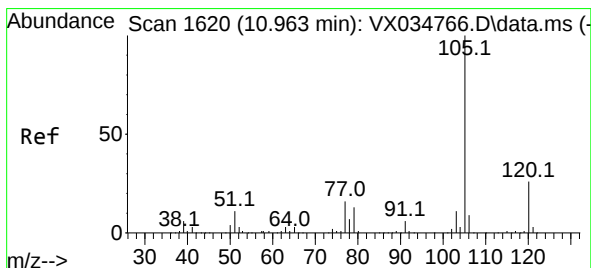
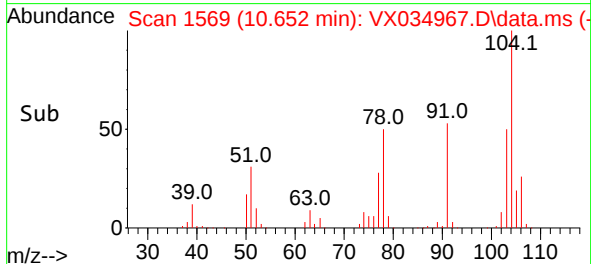
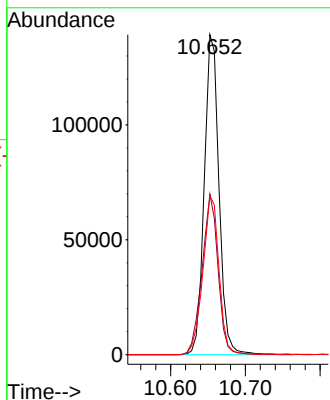
Tgt Ion:104 Resp: 190709
Ion Ratio Lower Upper
104 100
78 54.6 42.8 64.2
103 54.5 43.8 65.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

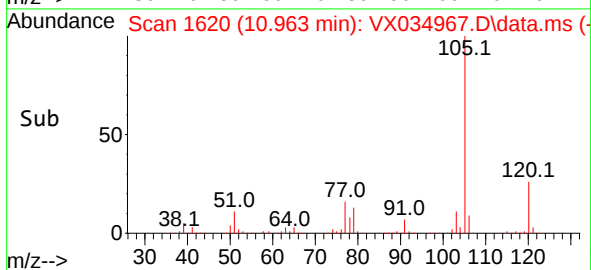
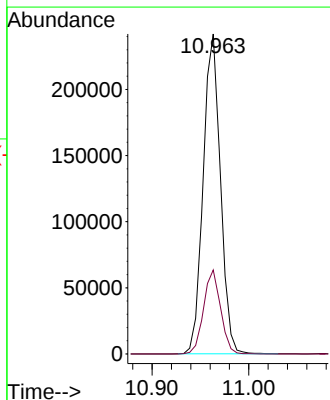
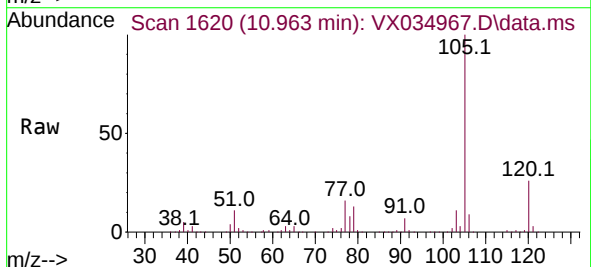
04/10/2023
Supervised By :Mahesh
Dadoda

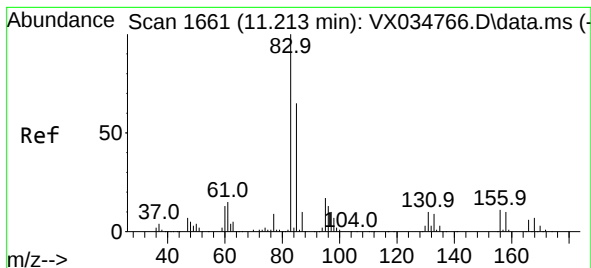
04/10/2023



#70
Isopropylbenzene
Concen: 20.757 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Tgt Ion:105 Resp: 300847
Ion Ratio Lower Upper
105 100
120 25.8 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 20.896 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

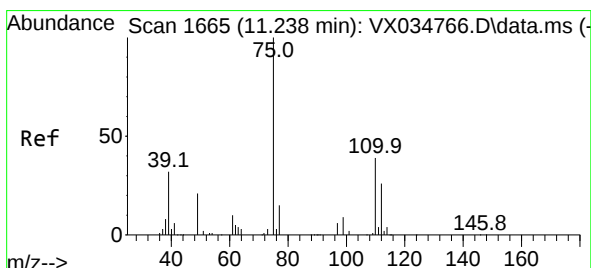
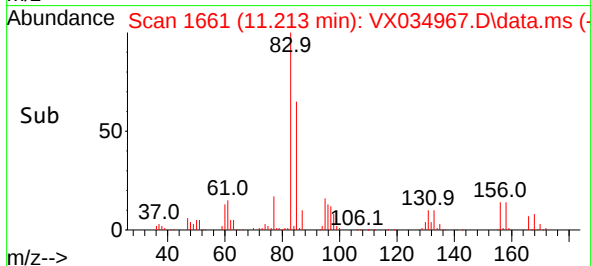
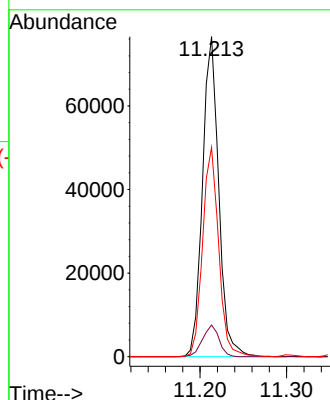
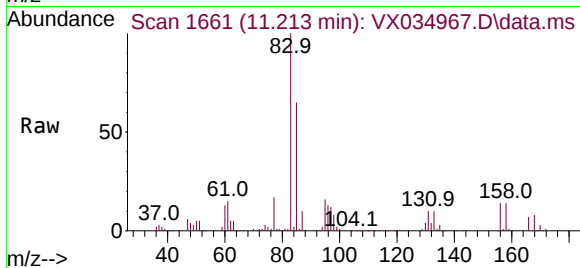
Tgt Ion: 83 Resp: 99549
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.2
85 64.8 31.9 95.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

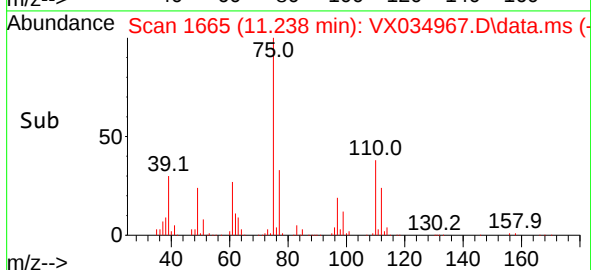
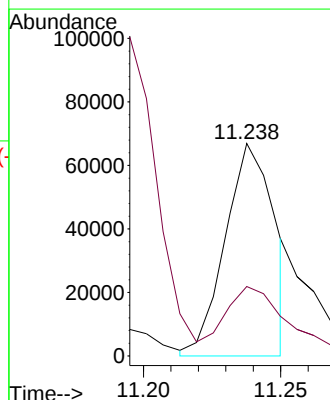
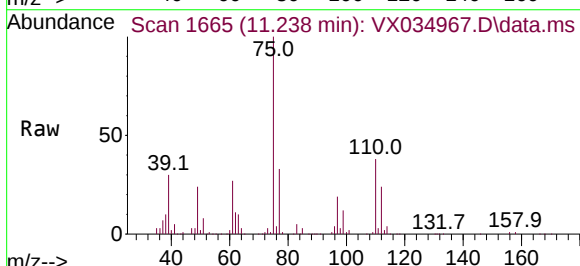
04/10/2023
Supervised By :Mahesh
Dadoda

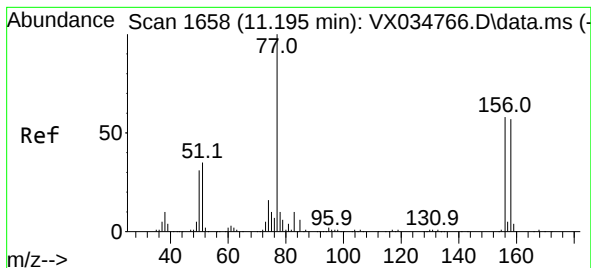
04/10/2023



#72
1,2,3-Trichloropropane
Concen: 19.290 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Tgt Ion: 75 Resp: 83657
Ion Ratio Lower Upper
75 100
77 42.4 0.0 73.8





#73

Bromobenzene

Concen: 20.549 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX034967.D

Acq: 07 Apr 2023 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:	156	Resp:	71528
Ion Ratio	Lower	Upper	
156	100		
77	173.8	0.0	330.8
158	95.1	0.0	193.4

Manual Integrations

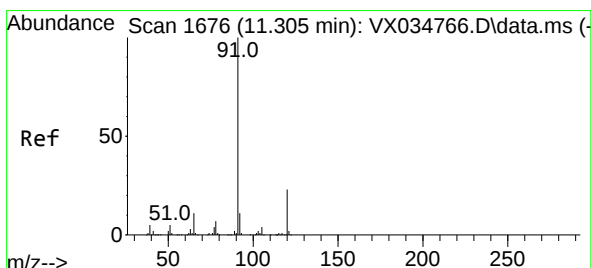
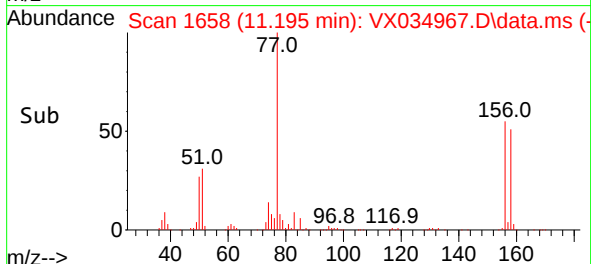
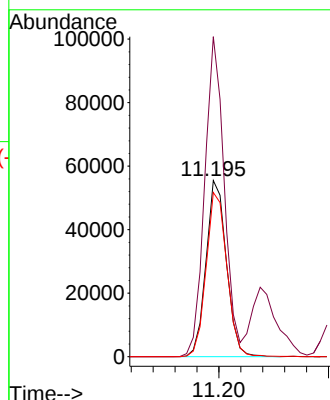
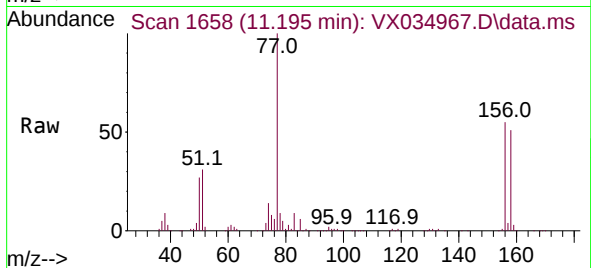
APPROVED

Reviewed By :John
Carlone

04/10/2023

Supervised By :Mahesh
Dadoda

04/10/2023



#74

n-propylbenzene

Concen: 20.571 ug/l

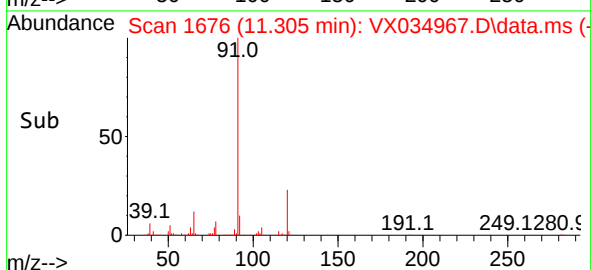
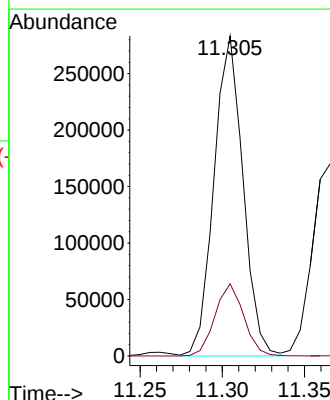
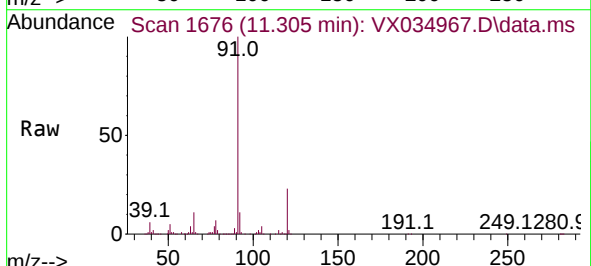
RT: 11.305 min Scan# 1676

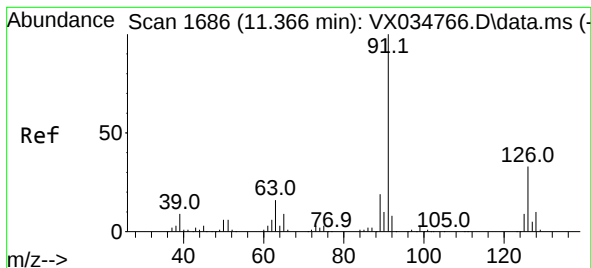
Delta R.T. -0.000 min

Lab File: VX034967.D

Acq: 07 Apr 2023 13:18

Tgt Ion:	91	Resp:	347072
Ion Ratio	Lower	Upper	
91	100		
120	22.3	0.0	44.8





#75
2-Chlorotoluene
Concen: 20.773 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

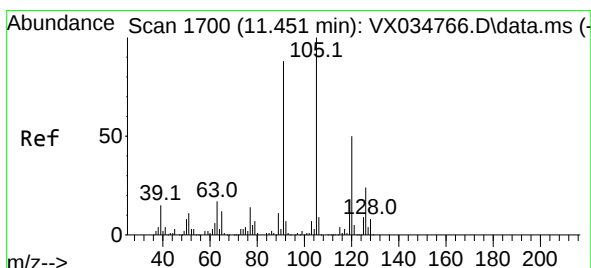
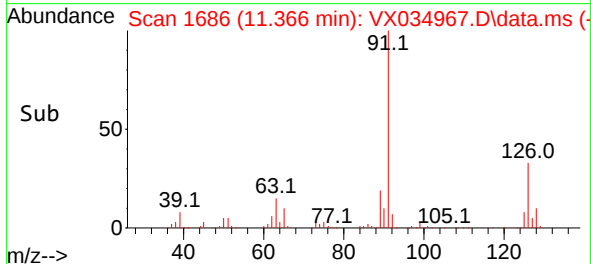
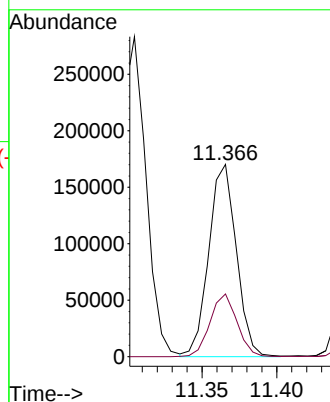
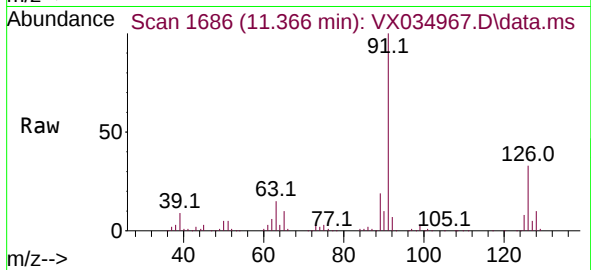
Tgt Ion: 91 Resp: 218502
Ion Ratio Lower Upper
91 100
126 31.9 0.0 66.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

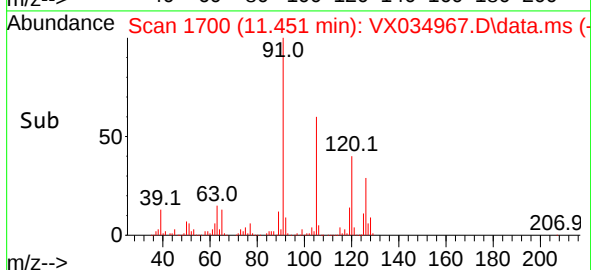
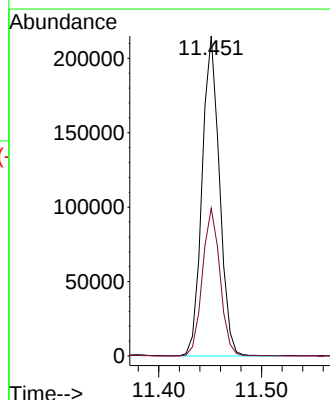
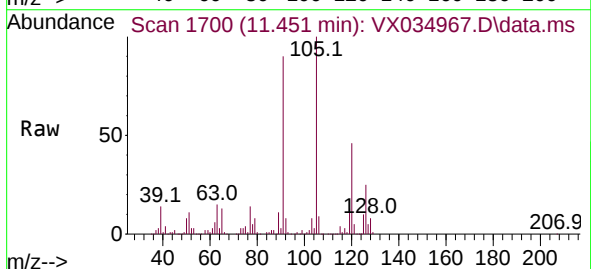
04/10/2023
Supervised By :Mahesh
Dadoda

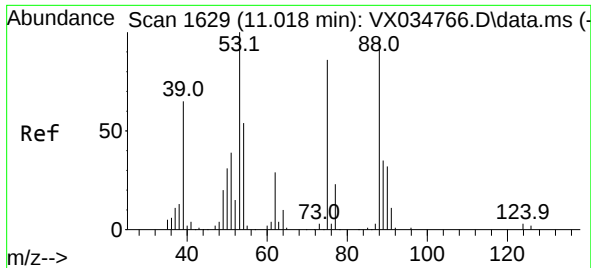
04/10/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.766 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Tgt Ion:105 Resp: 253354
Ion Ratio Lower Upper
105 100
120 46.6 0.0 96.4





#77
t-1,4-Dichloro-2-butene
Concen: 16.440 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

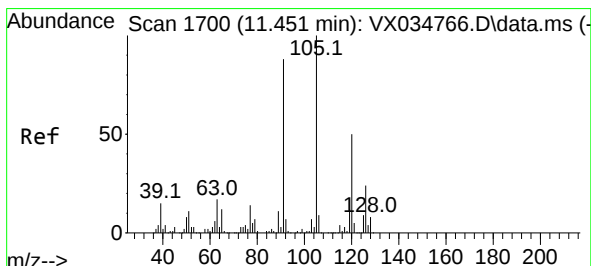
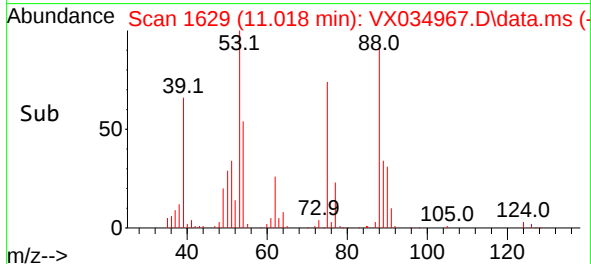
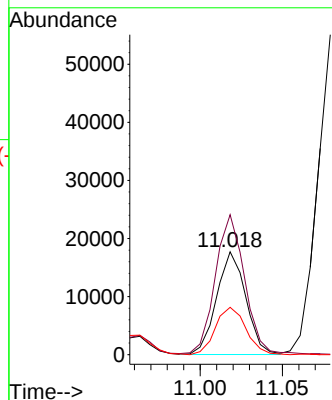
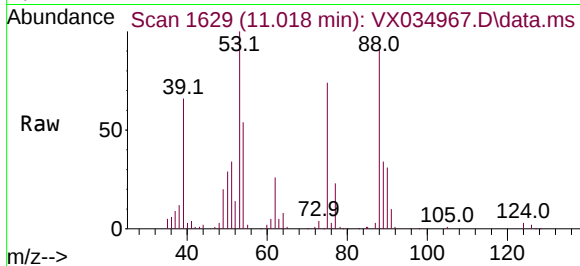
Tgt Ion: 75 Resp: 21890
Ion Ratio Lower Upper
75 100
53 135.3 58.2 174.6
89 45.6 20.6 61.8

Manual Integrations
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Reviewed By :John
Carlone

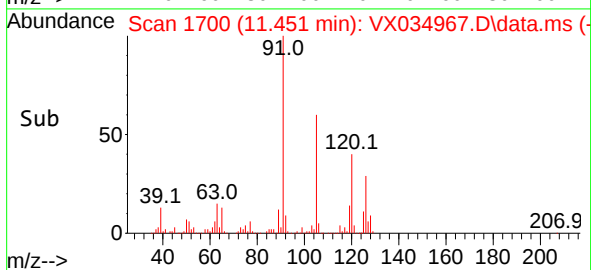
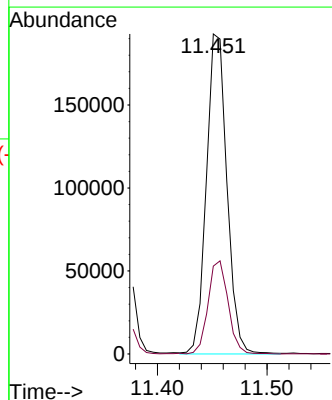
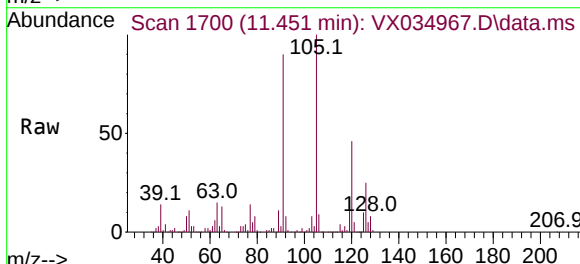
04/10/2023
Supervised By :Mahesh
Dadoda

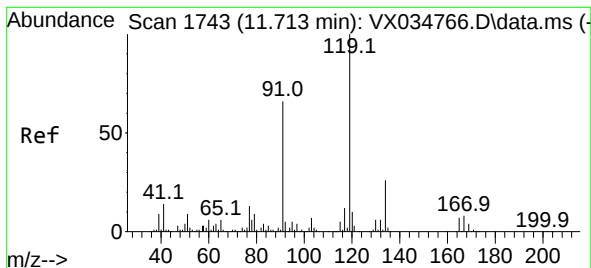
04/10/2023



#78
4-Chlorotoluene
Concen: 20.808 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

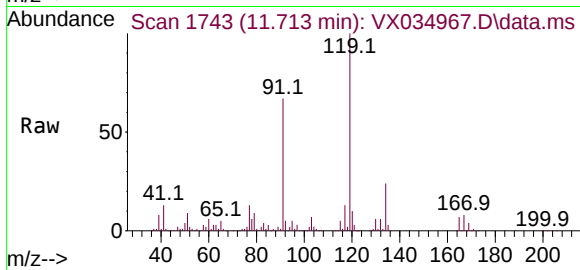
Tgt Ion: 91 Resp: 250924
Ion Ratio Lower Upper
91 100
126 28.4 0.0 56.8





#79
tert-butylbenzene
Concen: 20.284 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



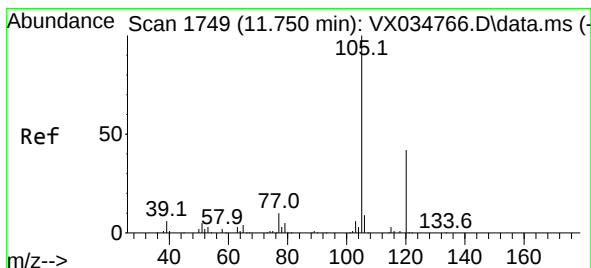
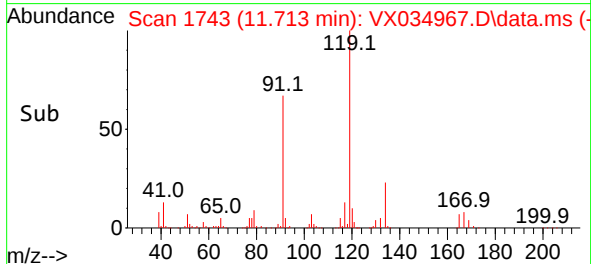
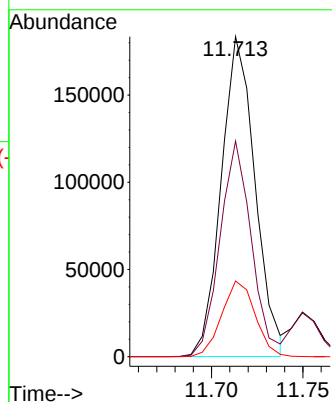
Tgt Ion:119 Resp: 236243
Ion Ratio Lower Upper
119 100
91 62.5 0.0 122.4
134 23.4 0.0 49.2

Manual Integrations
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Reviewed By :John
Carlone

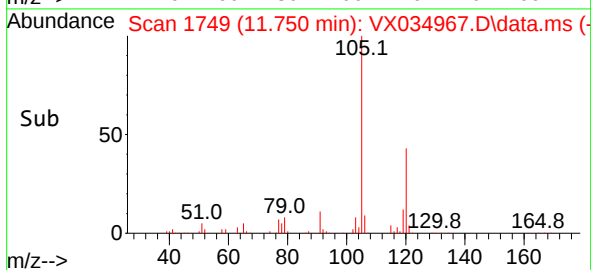
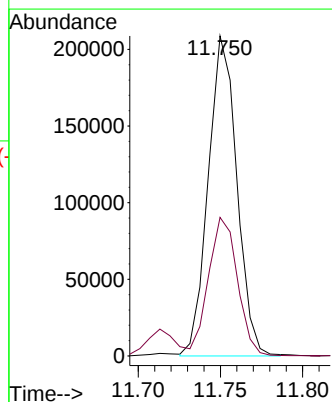
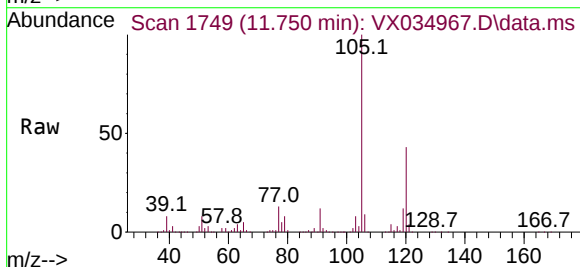
04/10/2023
Supervised By :Mahesh
Dadoda

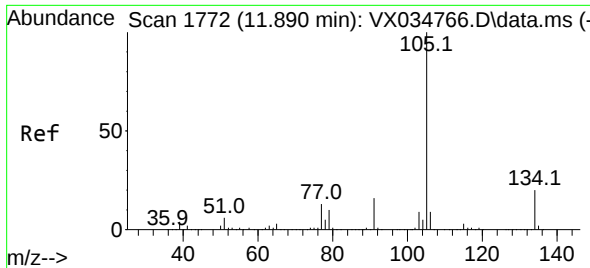
04/10/2023



#80
1,2,4-Trimethylbenzene
Concen: 20.853 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

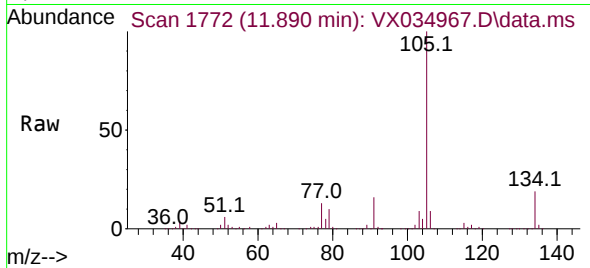
Tgt Ion:105 Resp: 252827
Ion Ratio Lower Upper
105 100
120 43.7 0.0 90.4





#81
 sec-Butylbenzene
 Concen: 20.484 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX034967.D
 Acq: 07 Apr 2023 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



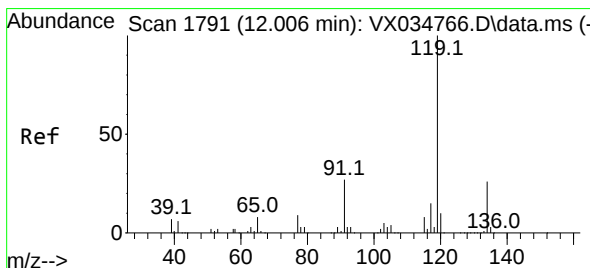
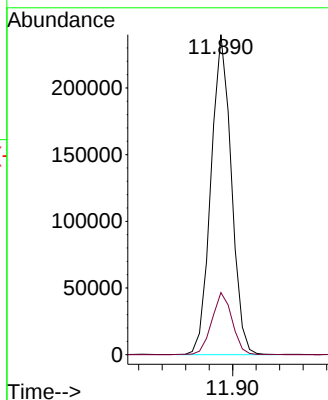
Tgt Ion:105 Resp: 28908
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 40.2

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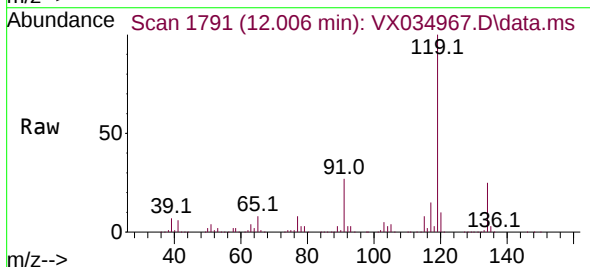
Reviewed By :John
 Carlone

04/10/2023
 Supervised By :Mahesh
 Dadoda

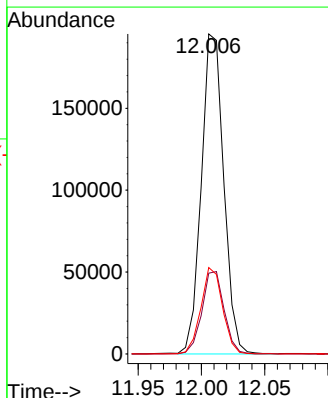
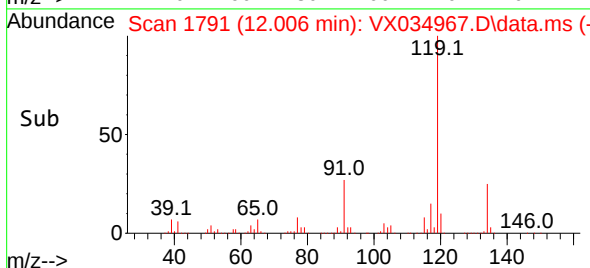
04/10/2023

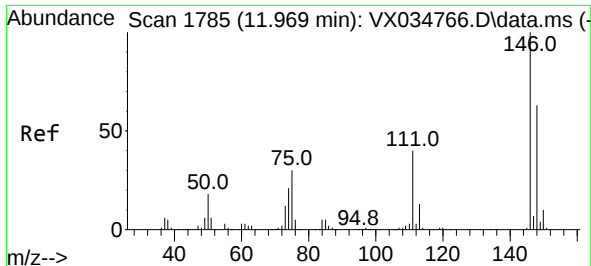


#82
 p-Isopropyltoluene
 Concen: 20.274 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX034967.D
 Acq: 07 Apr 2023 13:18



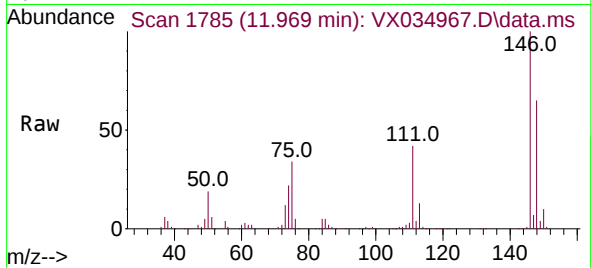
Tgt Ion:119 Resp: 241449
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 52.2
 91 26.0 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 20.121 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



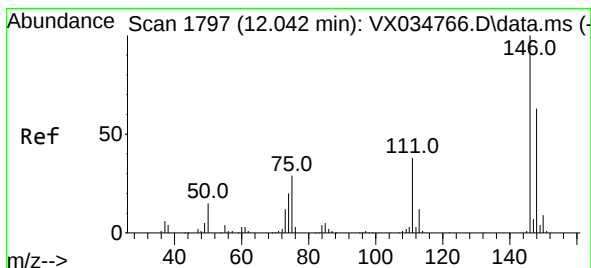
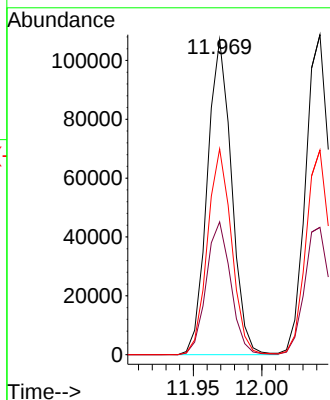
Tgt Ion:146 Resp: 132260
Ion Ratio Lower Upper
146 100
111 42.4 20.6 61.9
148 64.5 31.6 94.7

Manual Integrations
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Reviewed By :John
Carlone

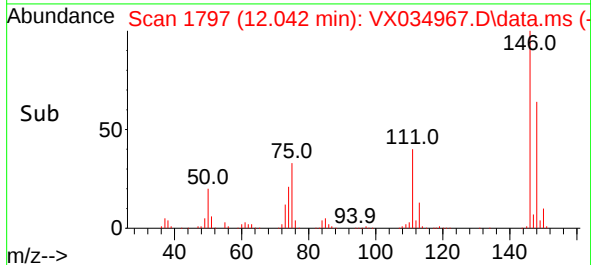
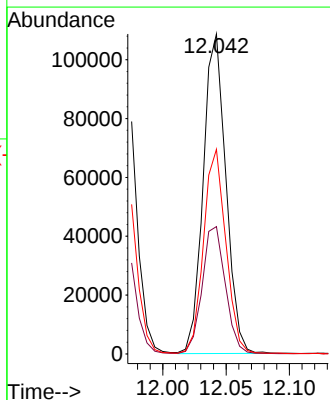
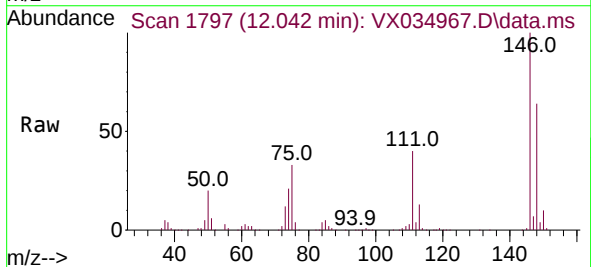
04/10/2023
Supervised By :Mahesh
Dadoda

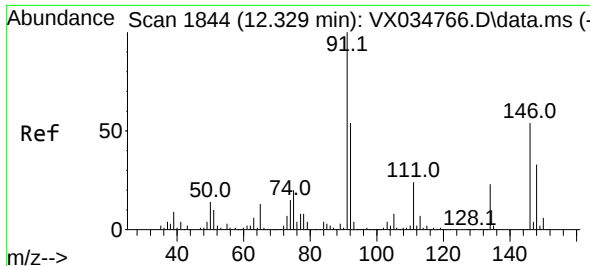
04/10/2023



#84
1,4-Dichlorobenzene
Concen: 20.527 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

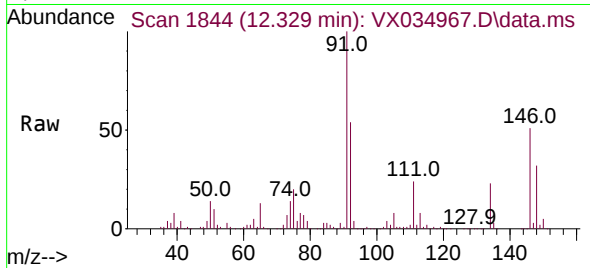
Tgt Ion:146 Resp: 135500
Ion Ratio Lower Upper
146 100
111 41.0 20.3 60.9
148 63.4 31.8 95.3





#85
n-Butylbenzene
Concen: 20.021 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



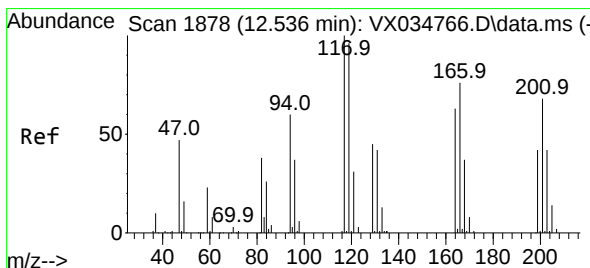
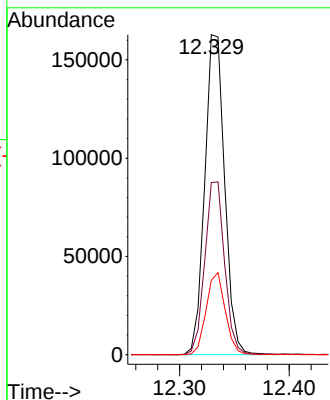
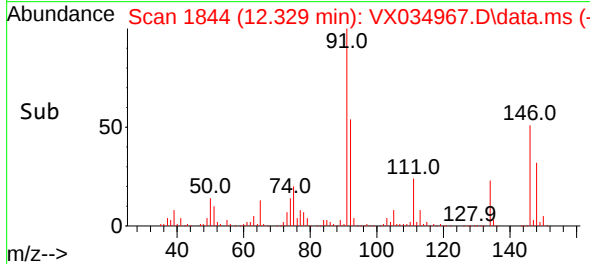
Tgt Ion: 91 Resp: 205494
Ion Ratio Lower Upper
91 100
92 53.9 0.0 107.6
134 24.6 0.0 49.8

Manual Integrations
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Reviewed By :John
Carlone

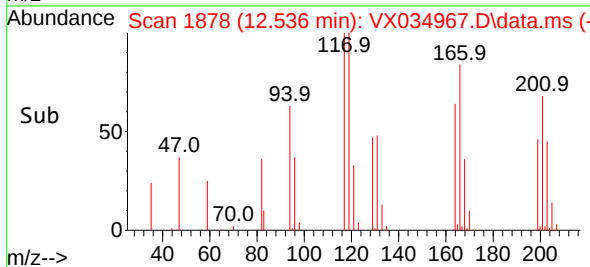
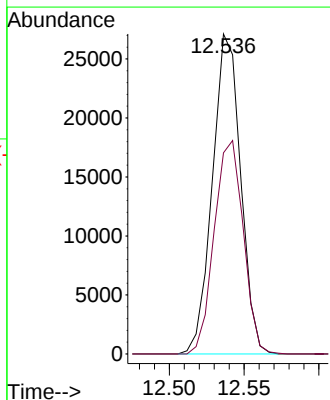
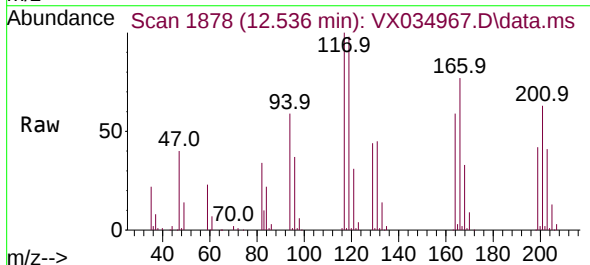
04/10/2023
Supervised By :Mahesh
Dadoda

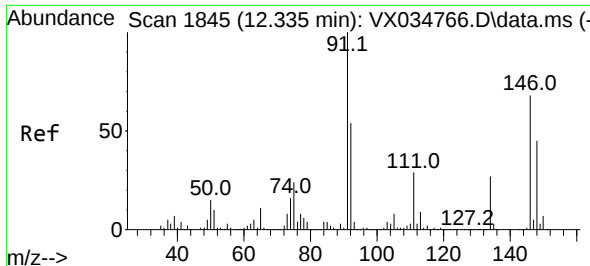
04/10/2023



#86
Hexachloroethane
Concen: 18.247 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Tgt Ion:117 Resp: 35591
Ion Ratio Lower Upper
117 100
201 68.7 35.4 106.2





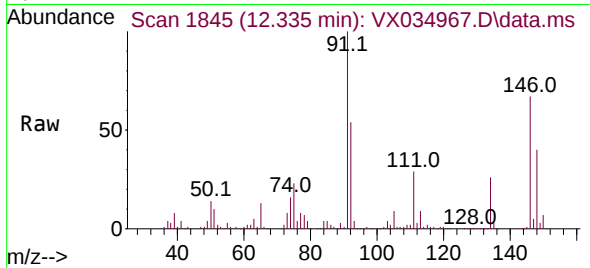
#87
1,2-Dichlorobenzene
Concen: 20.637 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



Tgt Ion:146 Resp: 13273
Ion Ratio Lower Upper
146 100
111 44.5 21.3 64.0
148 62.9 31.7 95.1

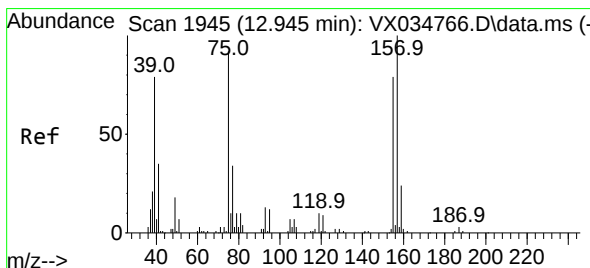
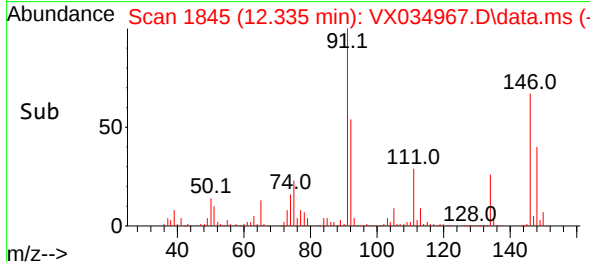
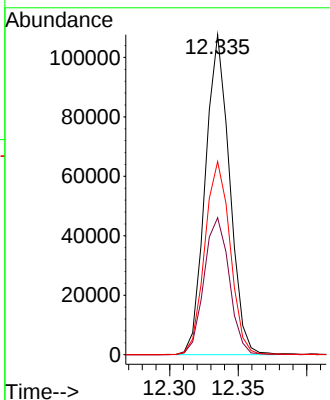
Manual Integrations
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Reviewed By :John
Carlone

04/10/2023

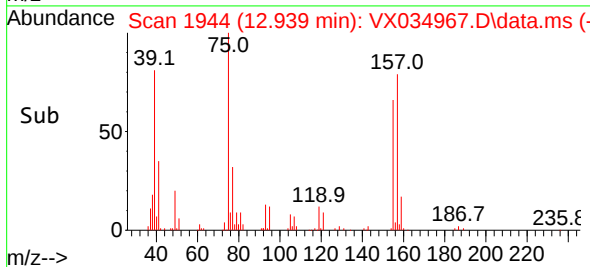
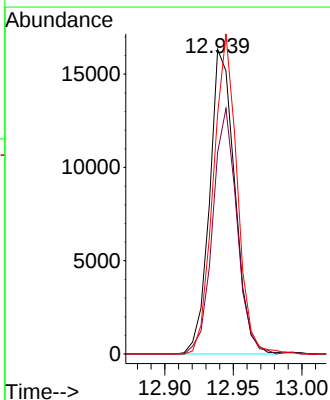
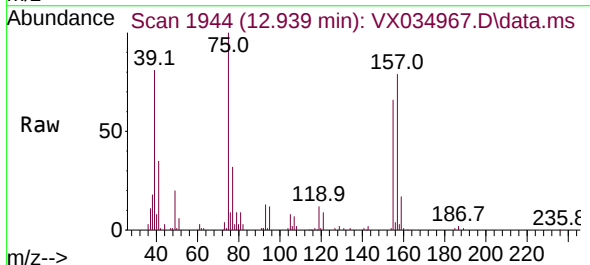
Supervised By :Mahesh
Dadoda

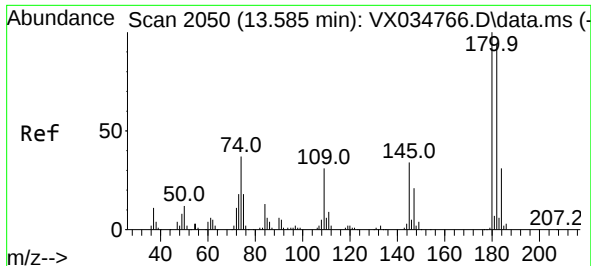
04/10/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.065 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Tgt Ion: 75 Resp: 20889
Ion Ratio Lower Upper
75 100
155 77.2 63.7 95.5
157 98.9 83.7 125.5





#89

1,2,4-Trichlorobenzene

Concen: 20.014 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX034967.D

Acq: 07 Apr 2023 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:180	Resp:	77224	
Ion Ratio	Lower	Upper	
180	100		
182	94.2	75.8	113.8
145	33.3	25.8	38.6

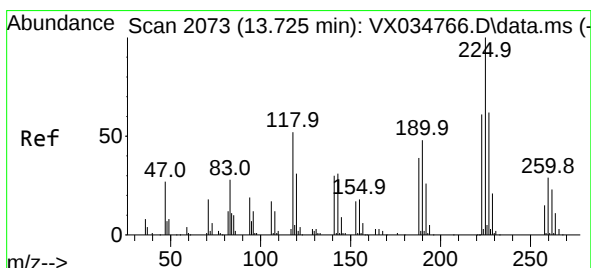
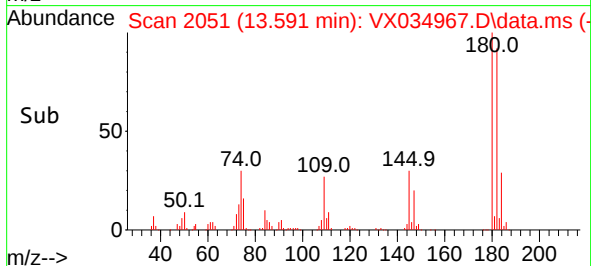
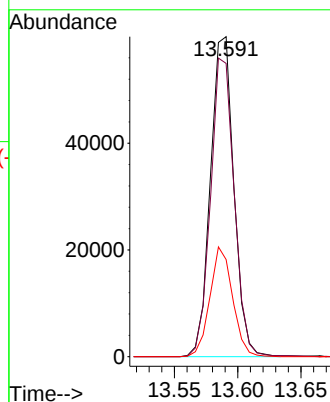
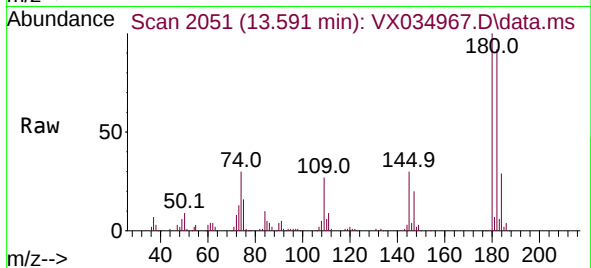
Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/10/2023

Supervised By :Mahesh
Dadoda

04/10/2023



#90

Hexachlorobutadiene

Concen: 22.461 ug/l

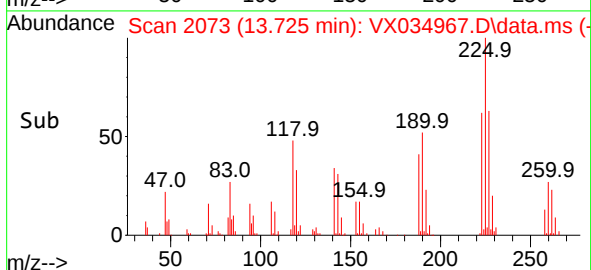
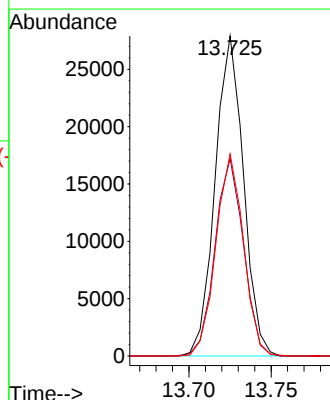
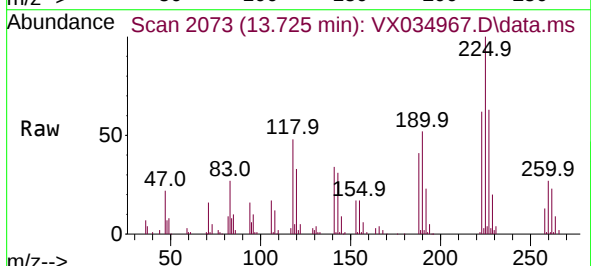
RT: 13.725 min Scan# 2073

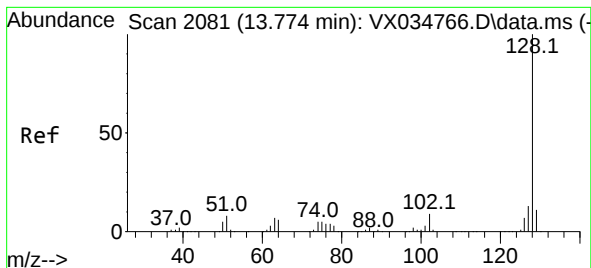
Delta R.T. -0.000 min

Lab File: VX034967.D

Acq: 07 Apr 2023 13:18

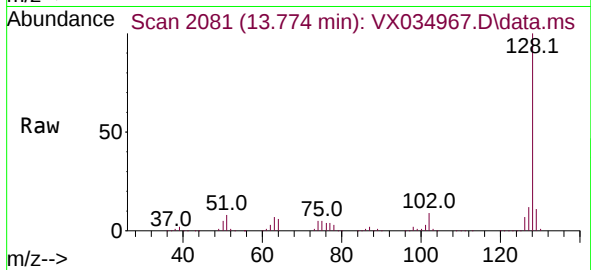
Tgt Ion:225	Resp:	33422	
Ion Ratio	Lower	Upper	
225	100		
223	61.8	0.0	124.2
227	61.5	0.0	122.8





#91
Naphthalene
Concen: 20.519 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



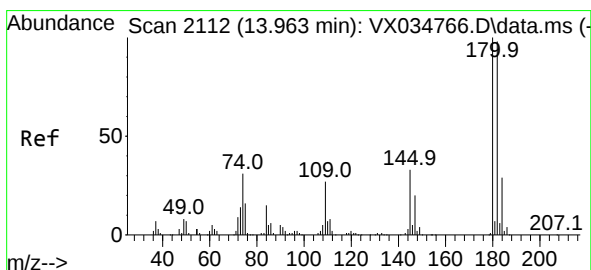
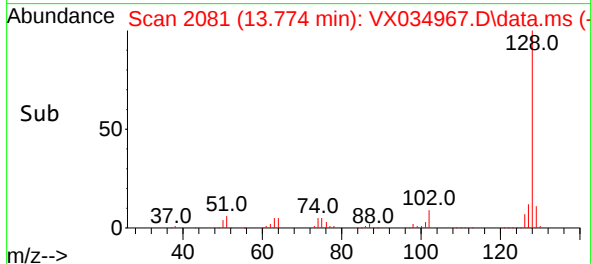
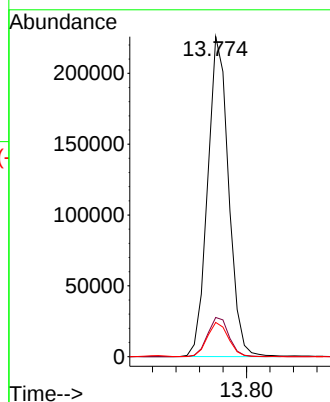
Tgt Ion:128 Resp: 27973
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/10/2023
Supervised By :Mahesh
Dadoda

04/10/2023



#92
1,2,3-Trichlorobenzene
Concen: 20.396 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX034967.D
Acq: 07 Apr 2023 13:18

Tgt Ion:180 Resp: 78673
Ion Ratio Lower Upper
180 100
182 96.2 0.0 191.0
145 35.5 0.0 66.8

