

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040623\
 Data File : VX034948.D
 Acq On : 06 Apr 2023 09:40
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

04/07/2023
 Supervised By :Mahesh
 Dadoda

Quant Time: Apr 07 03:15:05 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

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

Internal Standards						
1) Bromochloromethane	4.897	128	30331	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	211720	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	227641	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	92280	31.664	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.533%
60) 4-Bromofluorobenzene	11.079	95	139138	30.589	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.967%
63) Toluene-d8	8.647	98	233224	30.148	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	69484	24.154	ug/l	97
3) Chloromethane	1.294	50	76586	20.531	ug/l	96
4) Vinyl Chloride	1.374	62	75860	20.613	ug/l	96
5) Bromomethane	1.617	94	47003	19.417	ug/l	96
6) Chloroethane	1.691	64	42826	17.881	ug/l	100
7) Trichlorofluoromethane	1.892	101	108019	18.426	ug/l	99
8) Diethyl Ether	2.130	74	41269	19.555	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	63394	21.315	ug/l	98
10) 1,1-Dichloroethene	2.319	96	58725	19.506	ug/l	95
11) Methyl Iodide	2.453	142	68960	17.987	ug/l	96
12) Methyl Acetate	2.703	43	130988	19.647	ug/l	99
13) Acrolein	2.239	56	69427	89.798	ug/l	97
14) Acrylonitrile	3.062	53	177096	96.463	ug/l	99
15) Acetone	2.386	58	59938	120.256	ug/l	93
16) Carbon Disulfide	2.514	76	142936	18.561	ug/l	99
17) Allyl chloride	2.666	41	118684	20.372	ug/l	96
18) Methylene Chloride	2.788	84	67883	19.141	ug/l	95
19) trans-1,2-Dichloroethene	3.093	96	64324	19.525	ug/l	89
20) Diisopropyl ether	3.757	45	238496	19.982	ug/l	96
21) 1,1-Dichloroethane	3.611	63	127114	19.918	ug/l	100
22) cis-1,2-Dichloroethene	4.483	96	74879	19.515	ug/l	97
23) tert-Butyl Alcohol	2.989	59	78133m	94.589	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	222820	19.917	ug/l	99
25) Chloroform	5.086	83	131339	20.233	ug/l	97
26) Cyclohexane	5.470	56	108948	19.481	ug/l #	98
29) 1,1-Dichloropropene	5.690	75	95393	19.590	ug/l	98
30) 2-Butanone	4.556	43	274835	101.203	ug/l	99
31) 2,2-Dichloropropane	4.477	77	101330	20.519	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	114634	20.067	ug/l	99
33) Carbon Tetrachloride	5.678	117	96385	20.443	ug/l	97
34) Benzene	6.037	78	273544	19.330	ug/l	98
35) Methacrylonitrile	4.916	41	56125	18.883	ug/l	98
36) 1,2-Dichloroethane	6.086	62	112702	20.313	ug/l	99
37) Trichloroethene	7.123	130	70170	19.484	ug/l	91
38) Methylcyclohexane	7.379	83	102575	19.280	ug/l	95
39) 1,2-Dichloropropane	7.427	63	72489	19.707	ug/l	99
40) Dibromomethane	7.580	93	49169	19.459	ug/l	99
41) Bromodichloromethane	7.818	83	93084	19.558	ug/l	98
42) Vinyl Acetate	3.721	43	861316	97.219	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	100617	19.104	ug/l	99
44) Isopropyl Acetate	6.336	43	162700	18.248	ug/l	99
45) 1,4-Dioxane	7.690	88	35026	396.524	ug/l	94
46) Methyl methacrylate	7.690	41	83839	19.299	ug/l	93
47) n-amyl Acetate	10.841	43	137404	17.726	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	97911	18.881	ug/l	100
49) cis-1,3-Dichloropropene	8.366	75	110105	19.326	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	69496	19.742	ug/l	98
51) Ethyl methacrylate	9.116	69	105499	18.465	ug/l	99
52) 1,3-Dichloropropane	9.305	76	122166	19.646	ug/l	99
53) Dibromochloromethane	9.518	129	67093	19.266	ug/l	98
54) 1,2-Dibromoethane	9.610	107	71431	18.970	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	286572	95.312	ug/l	99
56) Bromoform	10.799	173	42845	17.843	ug/l	96
58) 4-Methyl-2-Pentanone	8.567	43	510294	97.771	ug/l	99
59) 2-Hexanone	9.427	43	391941	99.738	ug/l	100
61) Tetrachloroethene	9.275	164	62583	20.403	ug/l	96
62) Toluene	8.714	91	294260	19.769	ug/l	99
64) Chlorobenzene	10.079	112	180331	19.673	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	66024	20.148	ug/l	97
66) Ethyl Benzene	10.195	91	330761	19.951	ug/l	99
67) m/p-Xylenes	10.299	106	252072	39.961	ug/l	99
68) o-Xylene	10.640	106	125188	20.068	ug/l	100
69) Styrene	10.652	104	201895	19.632	ug/l	99
70) Isopropylbenzene	10.963	105	319580	19.795	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	101589	19.143	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	86159m	17.835	ug/l	
73) Bromobenzene	11.195	156	75880	19.570	ug/l	95
74) n-propylbenzene	11.305	91	369249	19.647	ug/l	100
75) 2-Chlorotoluene	11.366	91	236251	20.164	ug/l	97
76) 1,3,5-Trimethylbenzene	11.451	105	271704	19.992	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	25152	16.954	ug/l	96
78) 4-Chlorotoluene	11.457	91	268155	19.963	ug/l	97
79) tert-butylbenzene	11.713	119	252785	19.485	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	270988	20.065	ug/l	98
81) sec-Butylbenzene	11.890	105	309798	19.707	ug/l	99
82) p-Isopropyltoluene	12.006	119	262963	19.823	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	142607	19.476	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	146521	19.927	ug/l	99
85) n-Butylbenzene	12.329	91	225597	19.732	ug/l	99
86) Hexachloroethane	12.536	117	39236	18.058	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	140744	19.644	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	21809	18.806	ug/l	94
89) 1,2,4-Trichlorobenzene	13.585	180	84544	19.670	ug/l	98
90) Hexachlorobutadiene	13.725	225	36775	22.186	ug/l	98
91) Naphthalene	13.774	128	293530	19.329	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	85485	19.895	ug/l	99

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

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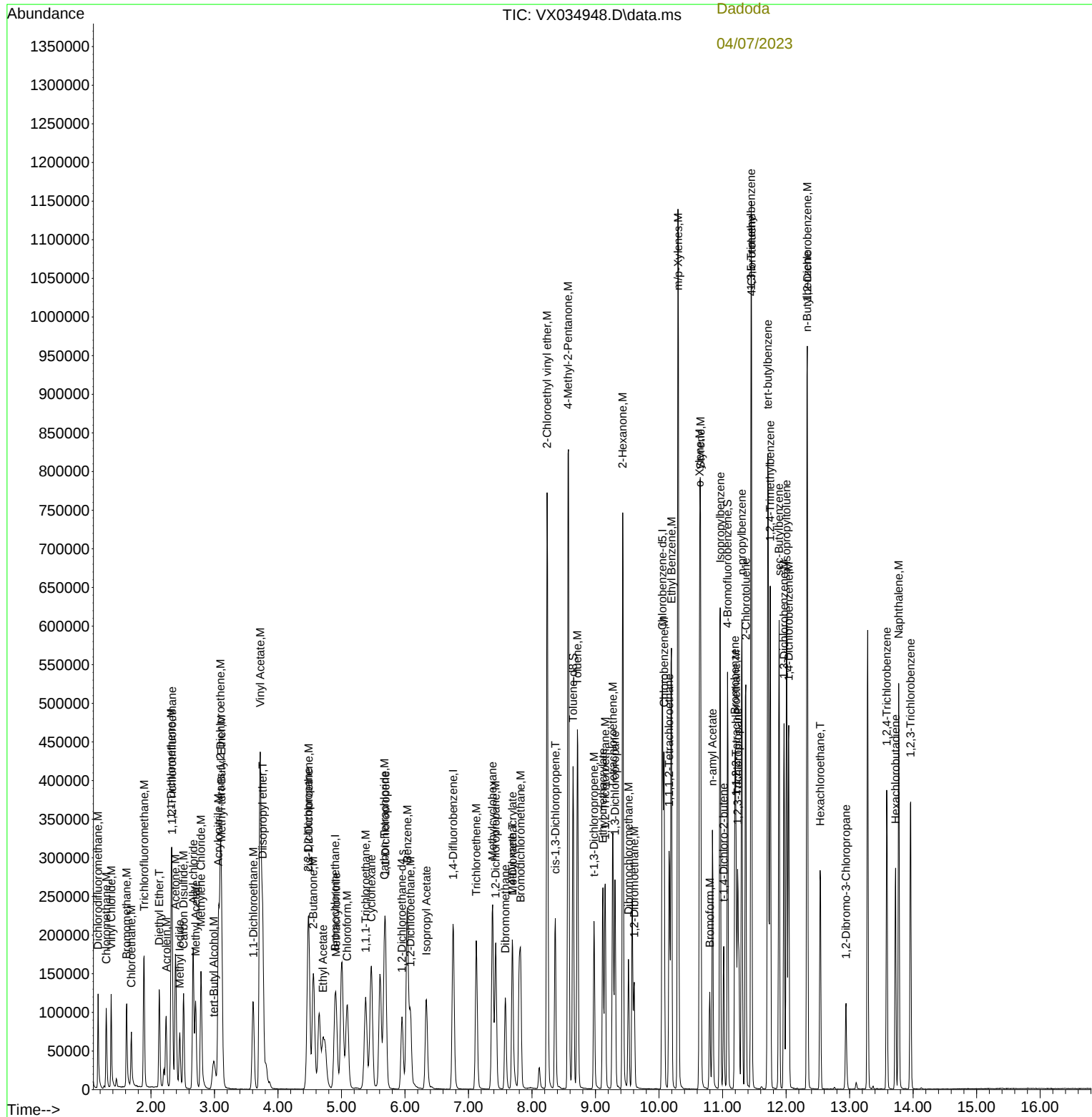
Quant Time: Apr 07 03:15:05 2023
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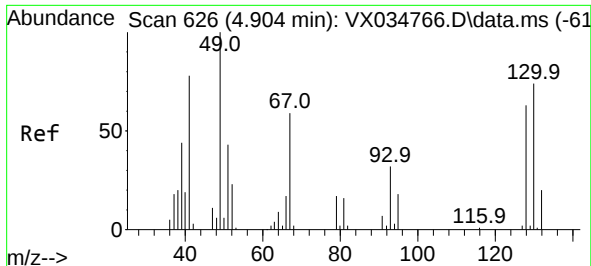
Manual Integrations APPROVED

Reviewed By :John
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04/07/2023
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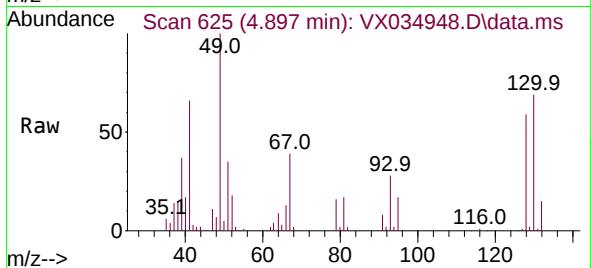
04/07/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

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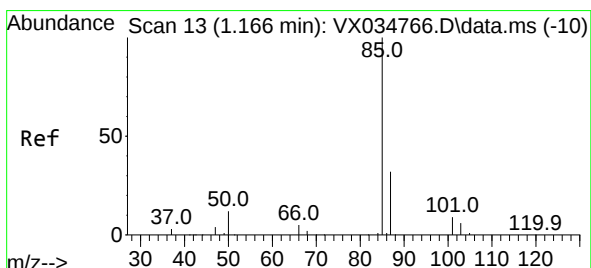
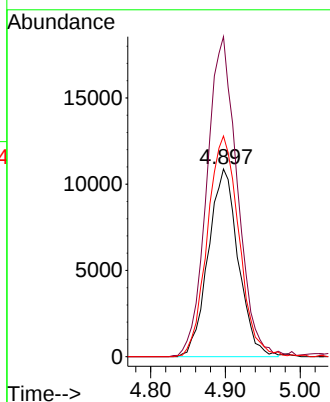
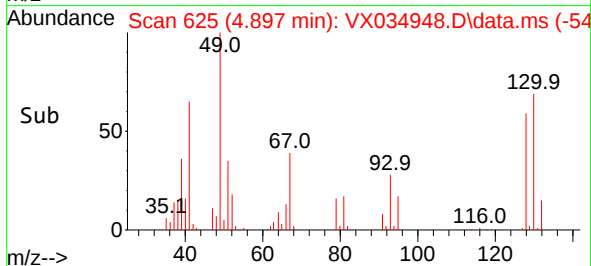
Tgt Ion:128 Resp: 3033
Ion Ratio Lower Upper
128 100
49 172.9 0.0 428.8
130 123.3 0.0 310.8

Manual Integrations
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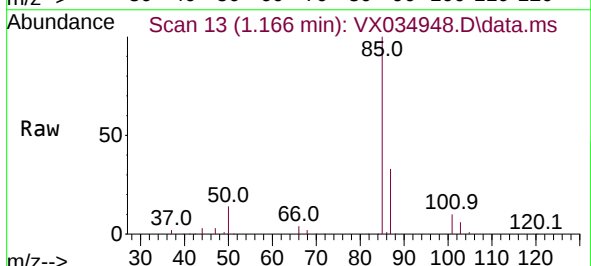
Reviewed By :John
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04/07/2023
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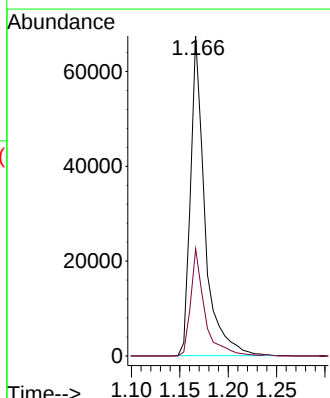
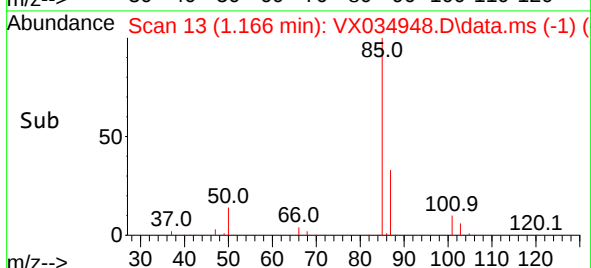
04/07/2023

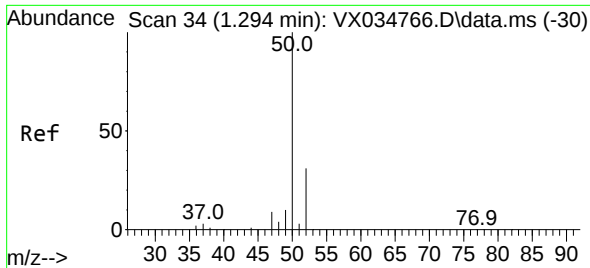


#2
Dichlorodifluoromethane
Concen: 24.154 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40



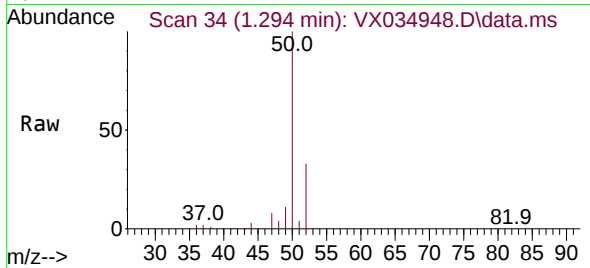
Tgt Ion: 85 Resp: 69484
Ion Ratio Lower Upper
85 100
87 33.5 16.0 48.0





#3
Chloromethane
Concen: 20.531 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Instrument :
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ClientSampleId :
VSTDCCC020



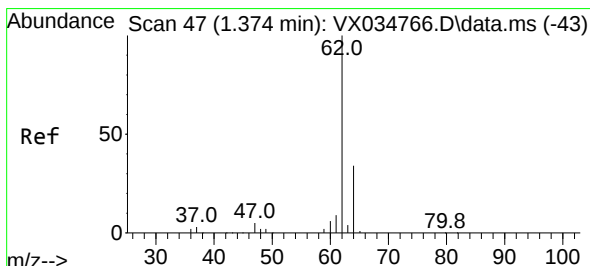
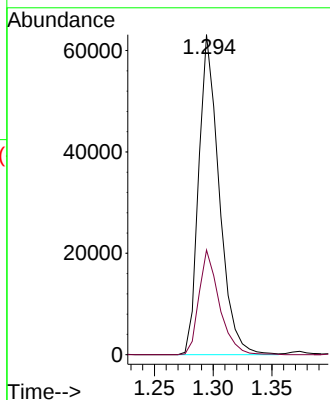
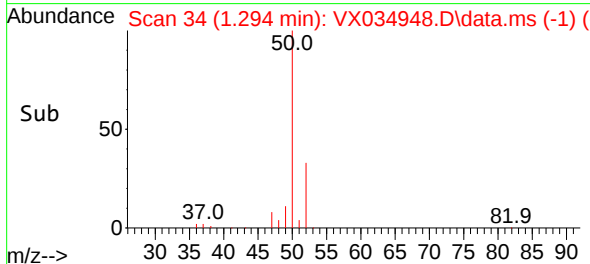
Tgt Ion: 50 Resp: 76580
Ion Ratio Lower Upper
50 100
52 32.7 24.6 36.8

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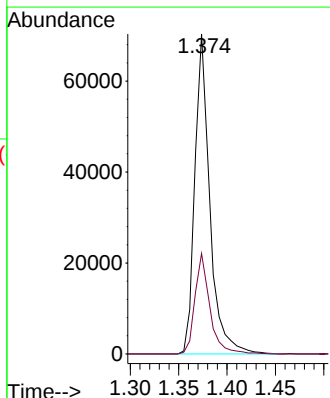
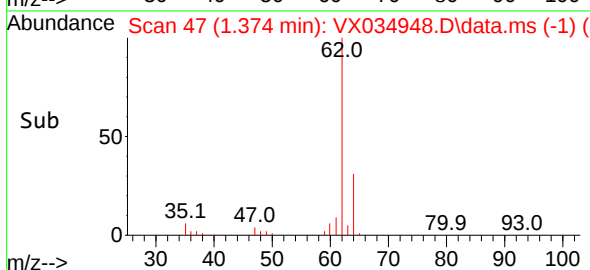
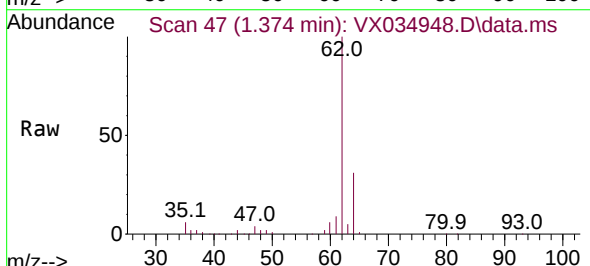
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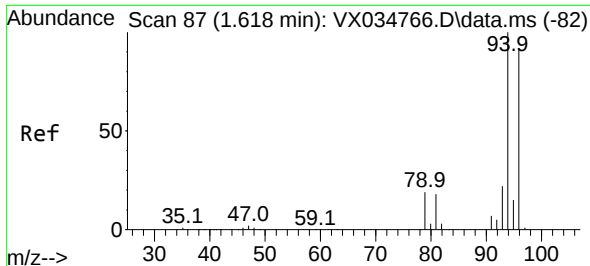
04/07/2023



#4
Vinyl Chloride
Concen: 20.613 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

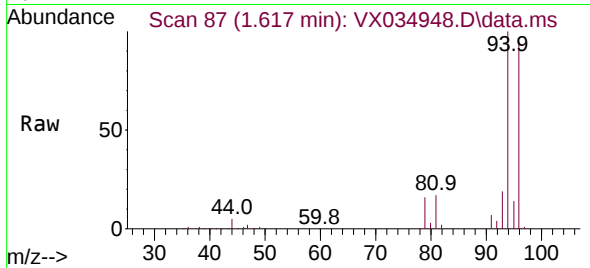
Tgt Ion: 62 Resp: 75860
Ion Ratio Lower Upper
62 100
64 31.4 26.9 40.3





#5
Bromomethane
Concen: 19.417 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.001 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Instrument :
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ClientSampleId :
VSTDCCC020



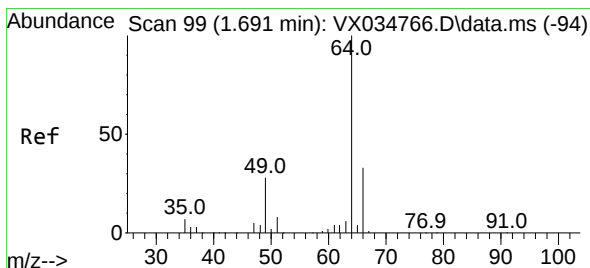
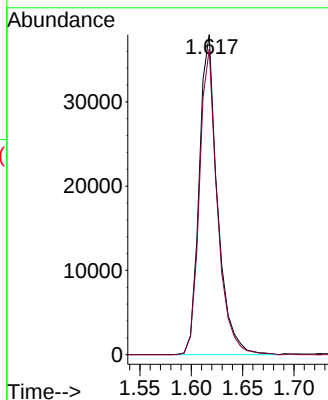
Tgt Ion: 94 Resp: 4700
Ion Ratio Lower Upper
94 100
96 95.4 73.4 110.0

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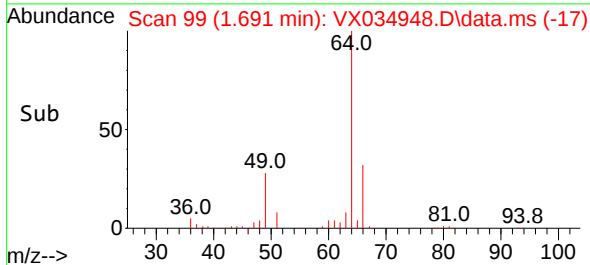
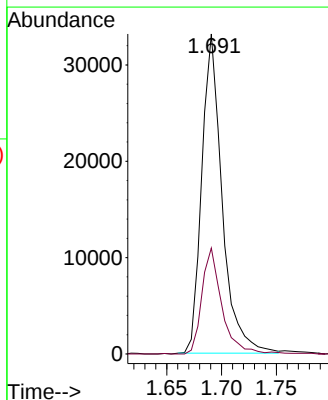
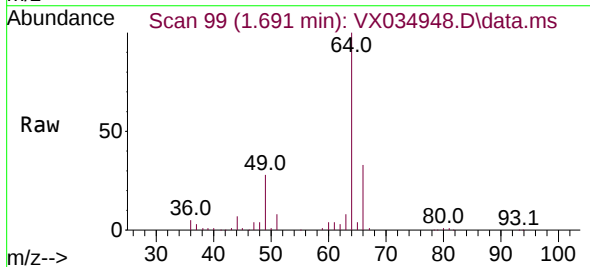
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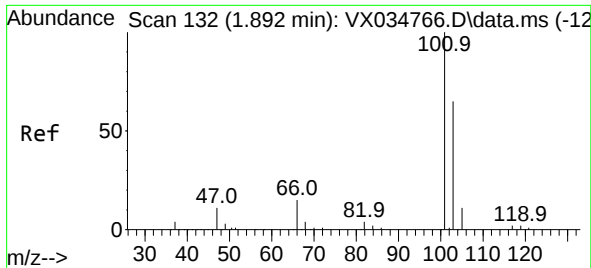
04/07/2023



#6
Chloroethane
Concen: 17.881 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Tgt Ion: 64 Resp: 42826
Ion Ratio Lower Upper
64 100
66 33.2 26.6 40.0





#7
Trichlorofluoromethane
Concen: 18.426 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034948.D
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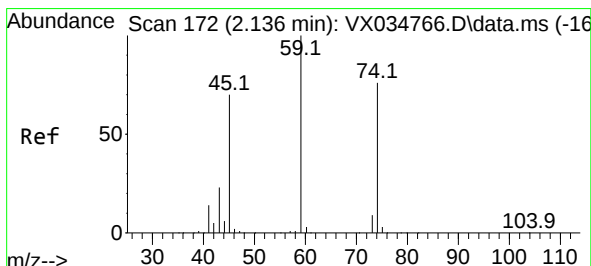
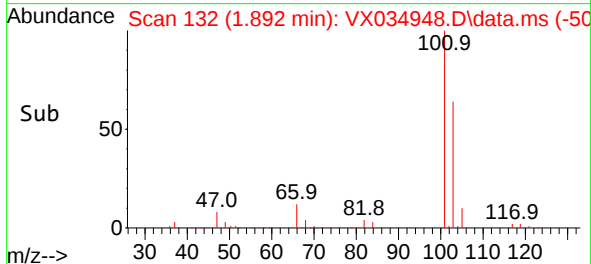
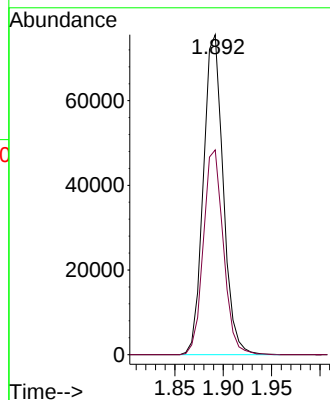
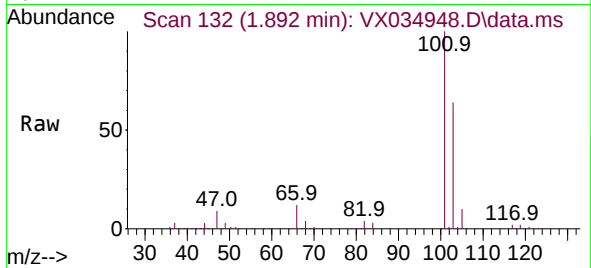
Tgt Ion:101 Resp: 108019
Ion Ratio Lower Upper
101 100
103 64.0 52.1 78.1

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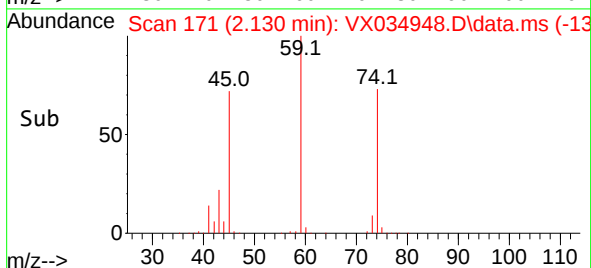
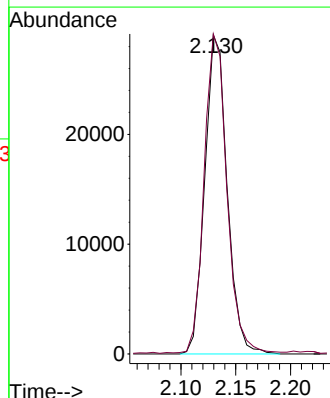
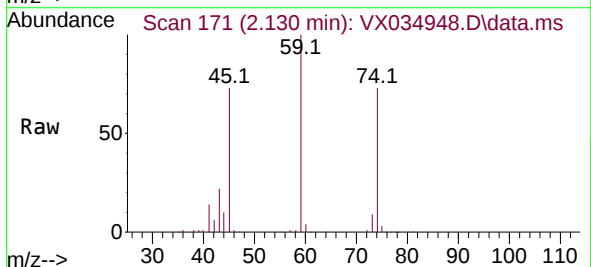
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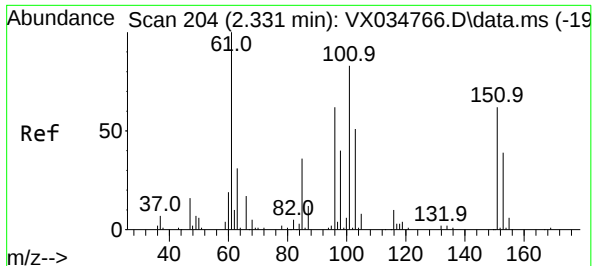
04/07/2023



#8
Diethyl Ether
Concen: 19.555 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Tgt Ion: 74 Resp: 41269
Ion Ratio Lower Upper
74 100
45 101.8 20.5 184.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.315 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX034948.D
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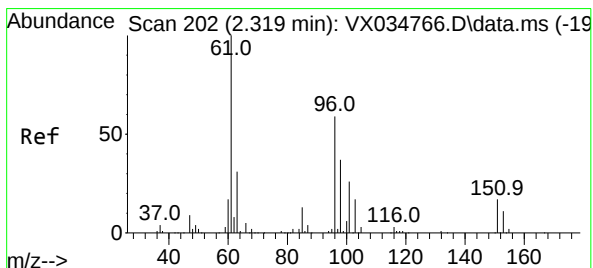
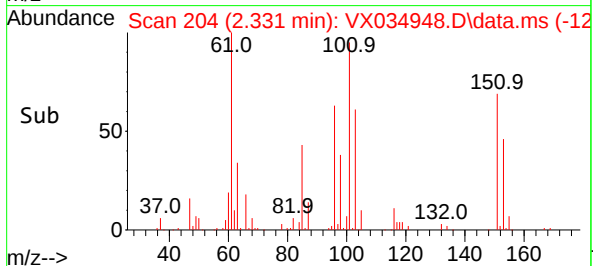
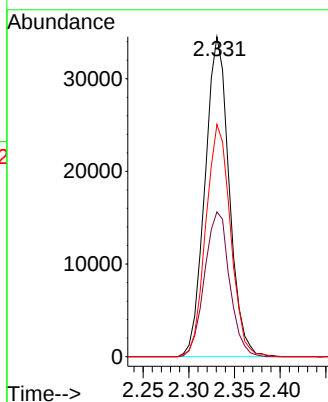
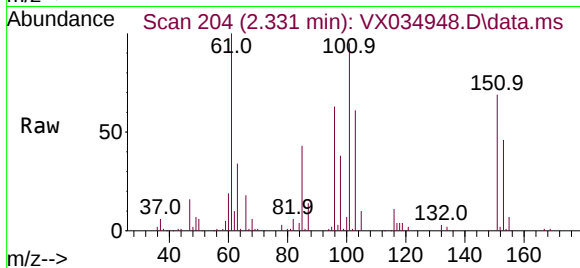
Tgt Ion:101 Resp: 63394
Ion Ratio Lower Upper
101 100
85 46.8 0.0 88.8
151 74.3 0.0 147.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

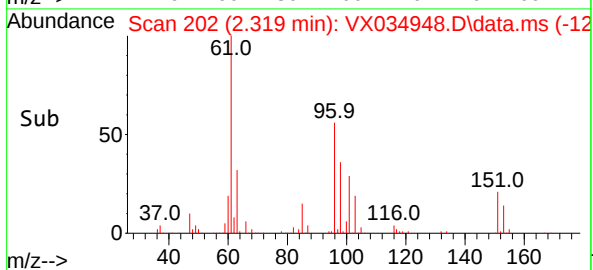
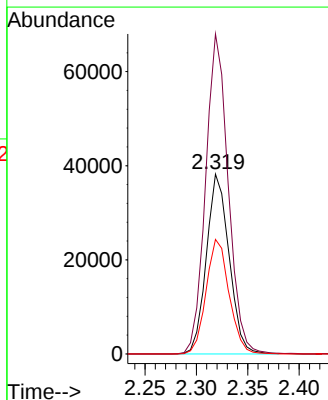
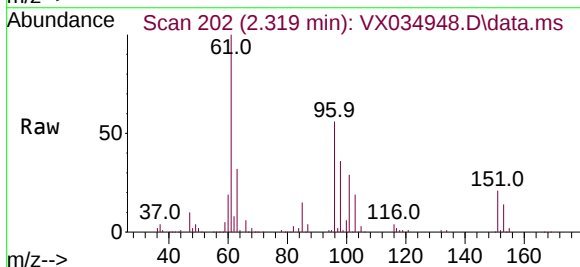
04/07/2023
Supervised By :Mahesh
Dadoda

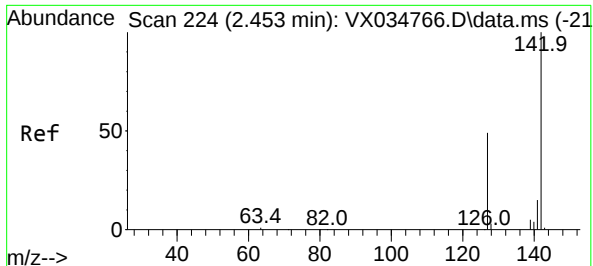
04/07/2023



#10
1,1-Dichloroethene
Concen: 19.506 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

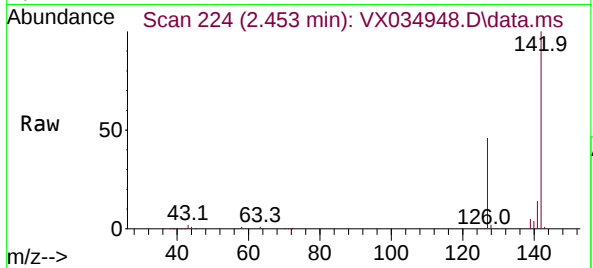
Tgt Ion: 96 Resp: 58725
Ion Ratio Lower Upper
96 100
61 177.7 135.8 203.6
98 63.7 49.8 74.6





#11
Methyl Iodide
Concen: 17.987 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



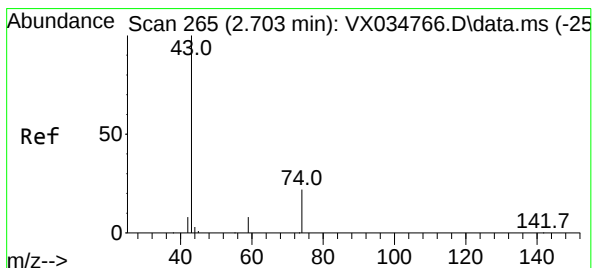
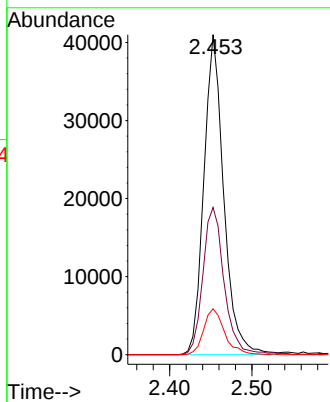
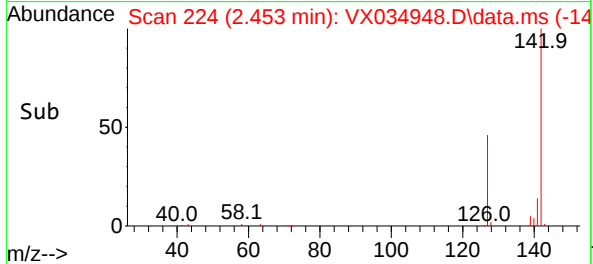
Tgt Ion:142 Resp: 68960
Ion Ratio Lower Upper
142 100
127 46.0 24.5 73.5
141 14.4 7.6 22.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

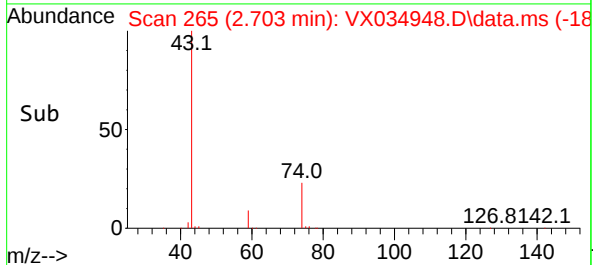
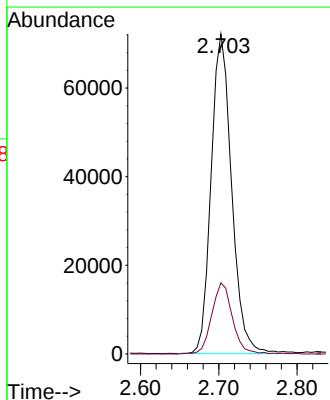
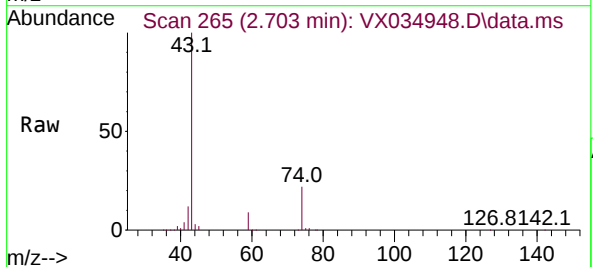
04/07/2023
Supervised By :Mahesh
Dadoda

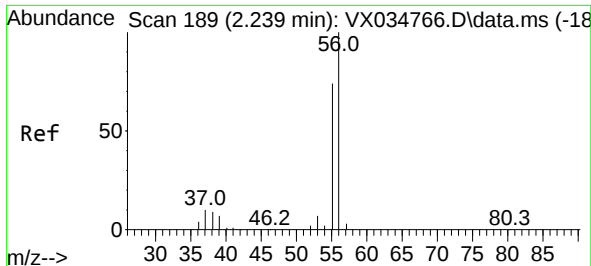
04/07/2023



#12
Methyl Acetate
Concen: 19.647 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

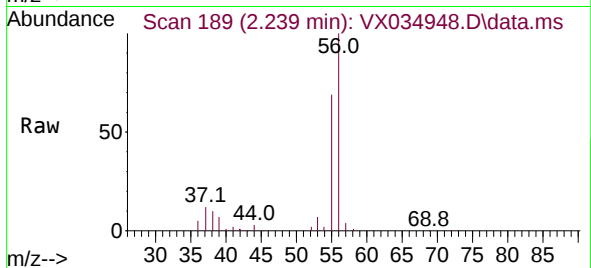
Tgt Ion: 43 Resp: 130988
Ion Ratio Lower Upper
43 100
74 22.3 18.0 27.0





#13
Acrolein
Concen: 89.798 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



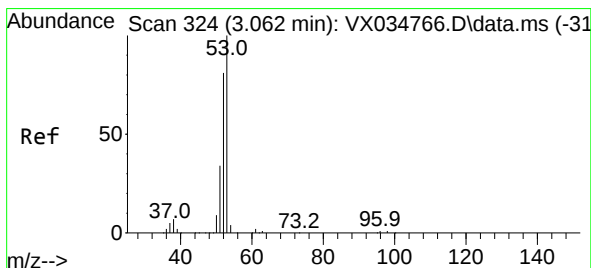
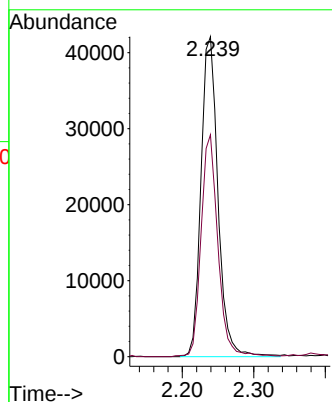
Tgt Ion: 56 Resp: 6942
Ion Ratio Lower Upper
56 100
55 68.5 56.6 85.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

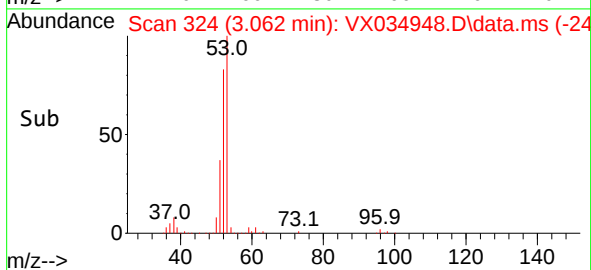
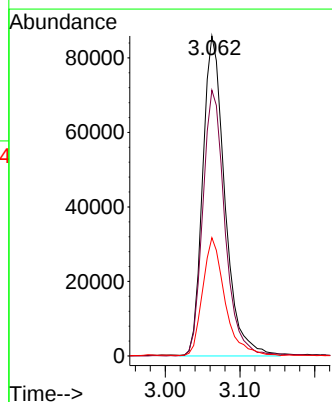
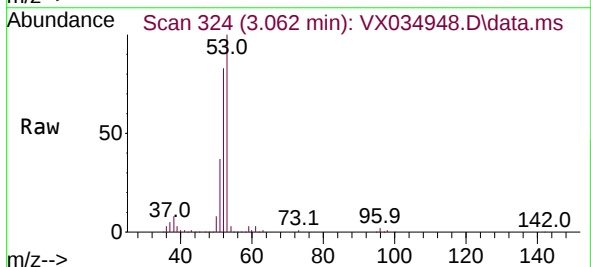
04/07/2023
Supervised By :Mahesh
Dadoda

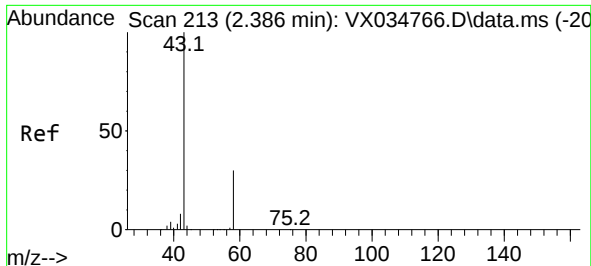
04/07/2023



#14
Acrylonitrile
Concen: 96.463 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Tgt Ion: 53 Resp: 177096
Ion Ratio Lower Upper
53 100
52 83.0 41.3 123.7
51 37.3 17.9 53.7





#15

Acetone

Concen: 120.256 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX034948.D

Acq: 06 Apr 2023 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 58 Resp: 59938

Ion Ratio Lower Upper

58 100

43 353.6 270.8 406.2

Manual Integrations

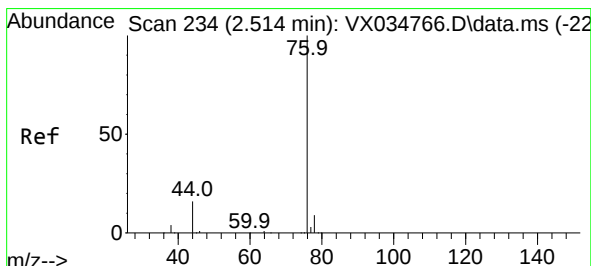
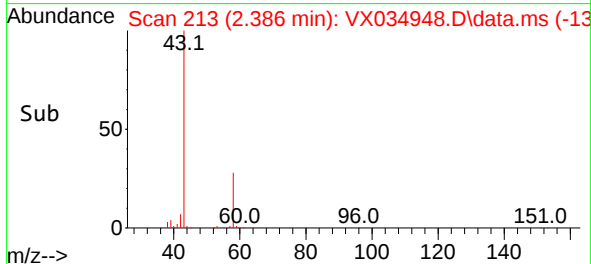
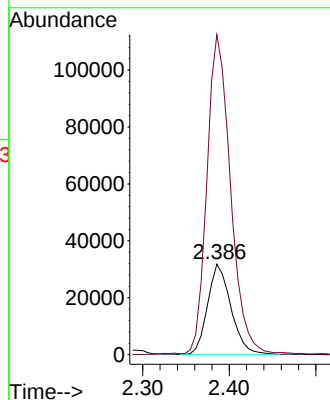
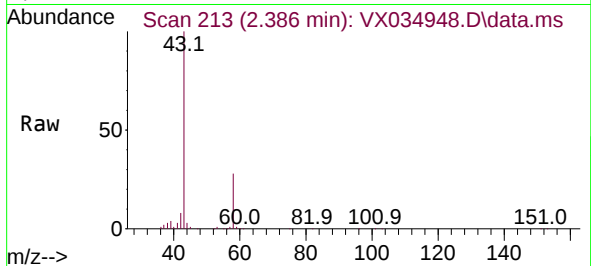
APPROVED

Reviewed By :John
Carlone

04/07/2023

Supervised By :Mahesh
Dadoda

04/07/2023



#16

Carbon Disulfide

Concen: 18.561 ug/l

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX034948.D

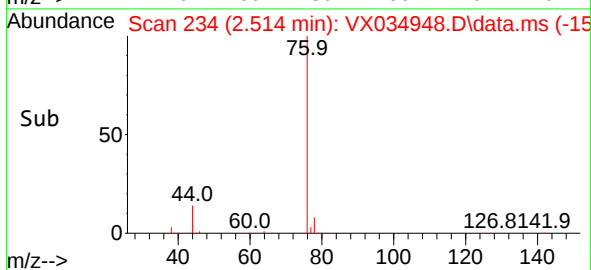
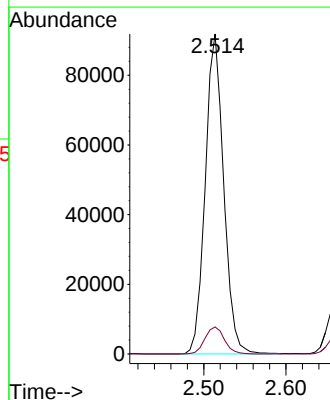
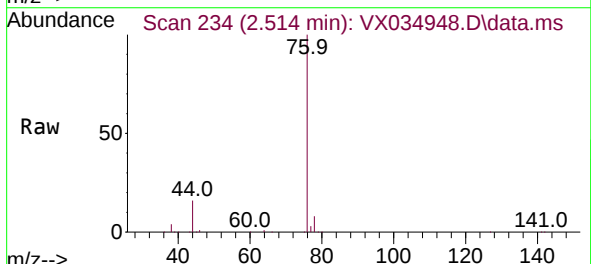
Acq: 06 Apr 2023 09:40

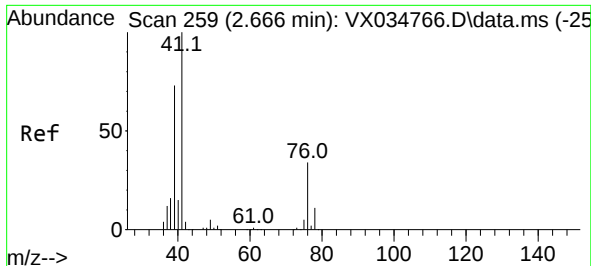
Tgt Ion: 76 Resp: 142936

Ion Ratio Lower Upper

76 100

78 8.4 7.0 10.6





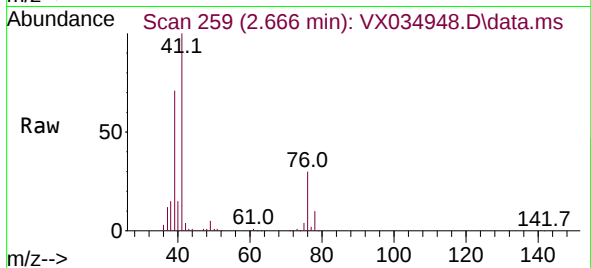
#17
 Allyl chloride
 Concen: 20.372 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX034948.D
 Acq: 06 Apr 2023 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



Tgt Ion: 41 Resp: 118684
 Ion Ratio Lower Upper
 41 100
 39 70.8 36.4 109.3
 76 29.5 17.0 51.0

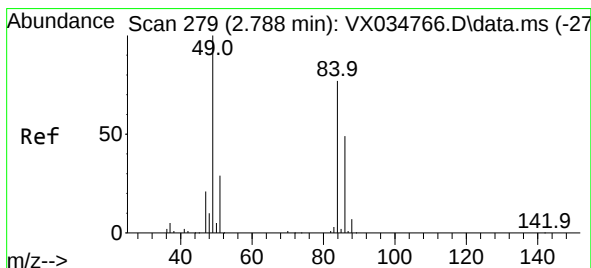
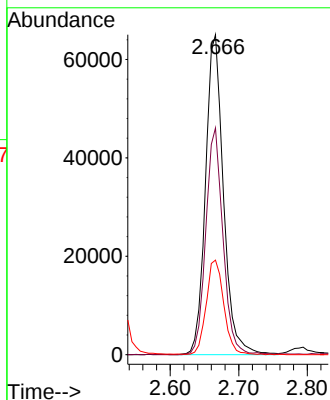
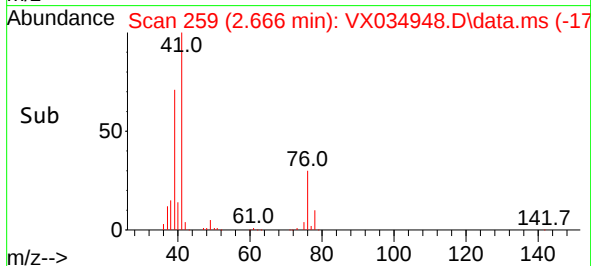
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

04/07/2023

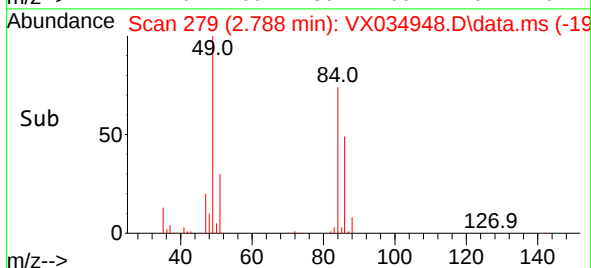
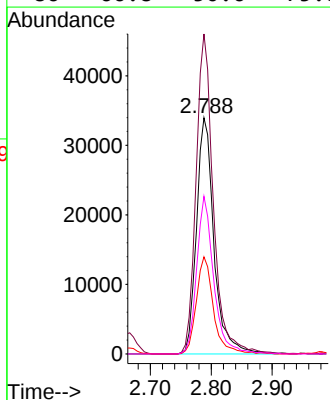
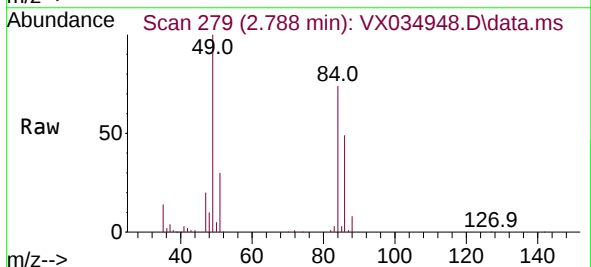
Supervised By :Mahesh
 Dadoda

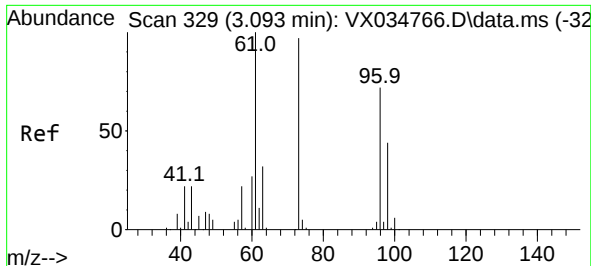
04/07/2023



#18
 Methylene Chloride
 Concen: 19.141 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX034948.D
 Acq: 06 Apr 2023 09:40

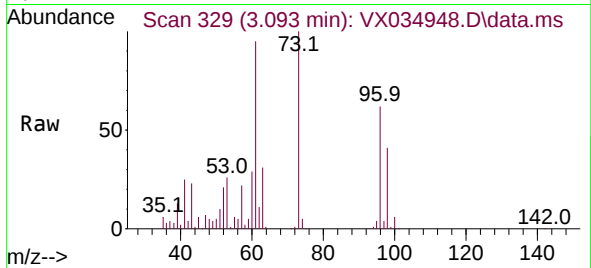
Tgt Ion: 84 Resp: 67883
 Ion Ratio Lower Upper
 84 100
 49 135.5 103.9 155.9
 51 41.1 30.6 45.8
 86 66.8 50.6 75.8





#19
trans-1,2-Dichloroethene
Concen: 19.525 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



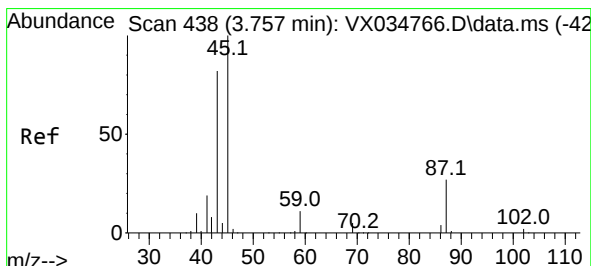
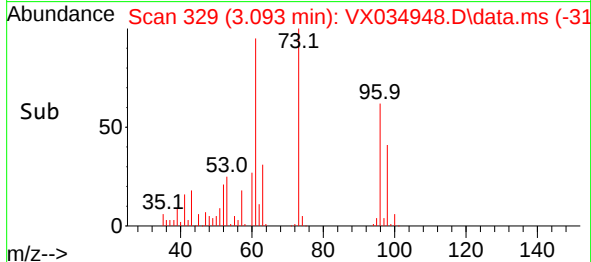
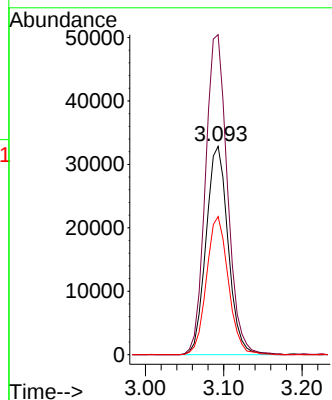
Tgt Ion: 96 Resp: 64324
Ion Ratio Lower Upper
96 100
61 153.6 111.1 166.7
98 66.2 48.6 72.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

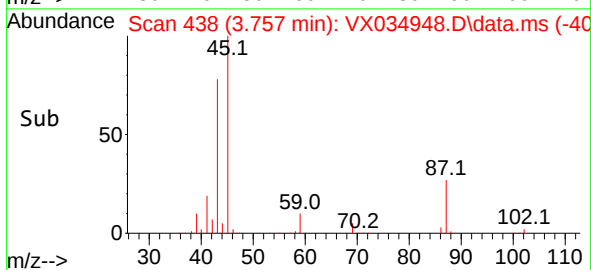
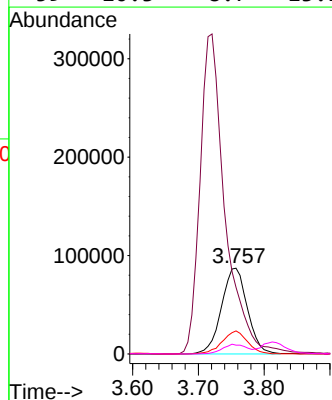
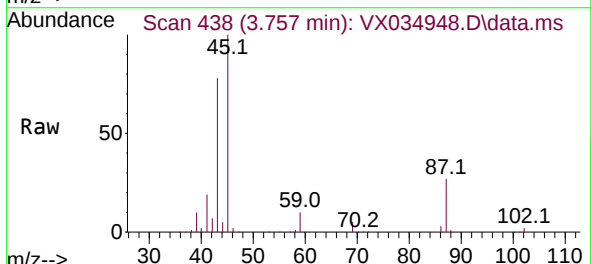
04/07/2023
Supervised By :Mahesh
Dadoda

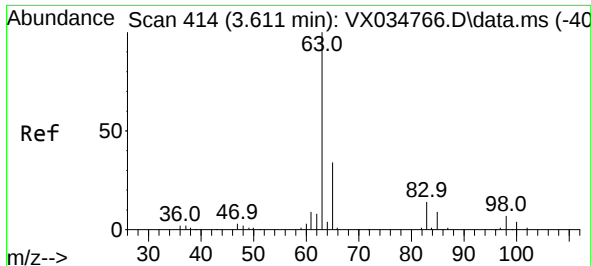
04/07/2023



#20
Diisopropyl ether
Concen: 19.982 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Tgt Ion: 45 Resp: 238496
Ion Ratio Lower Upper
45 100
43 77.0 66.0 99.0
87 26.9 21.8 32.6
59 10.3 8.7 13.1





#21

1,1-Dichloroethane

Concen: 19.918 ug/l

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX034948.D

Acq: 06 Apr 2023 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 127114

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.5	10.6
100	4.2	2.2	6.6

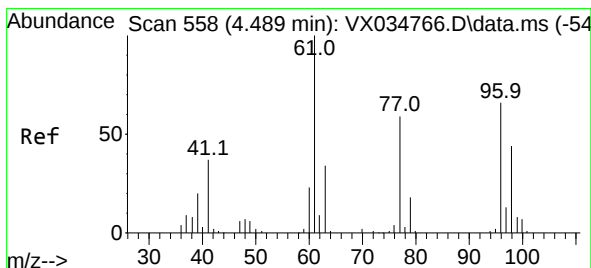
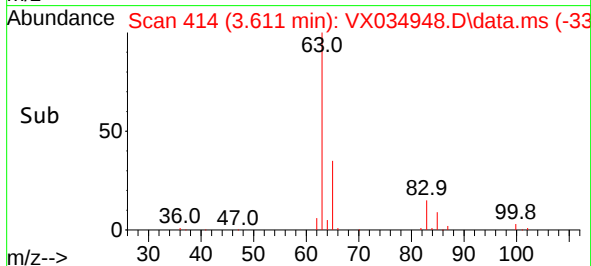
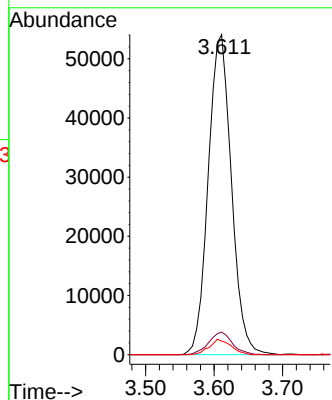
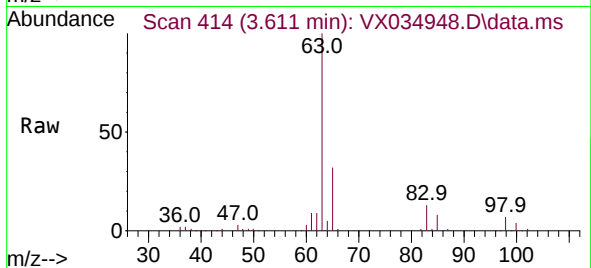
Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/07/2023

Supervised By :Mahesh
Dadoda

04/07/2023



#22

cis-1,2-Dichloroethene

Concen: 19.515 ug/l

RT: 4.483 min Scan# 557

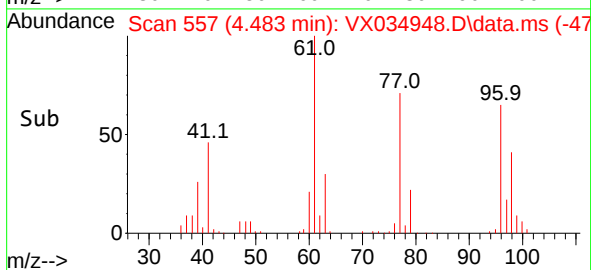
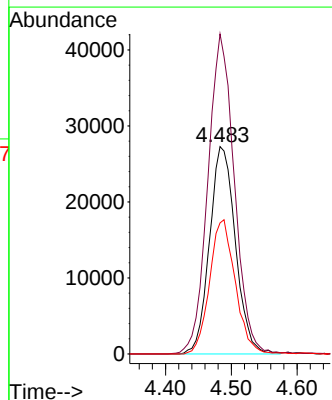
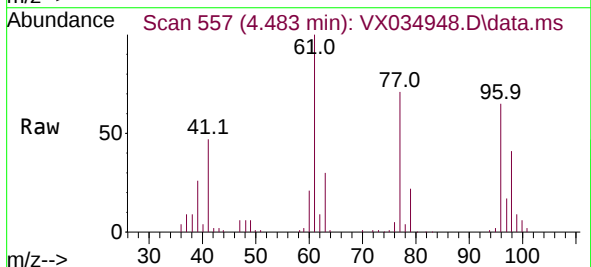
Delta R.T. -0.006 min

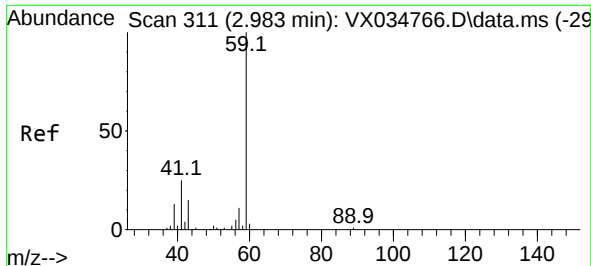
Lab File: VX034948.D

Acq: 06 Apr 2023 09:40

Tgt Ion: 96 Resp: 74879

Ion	Ratio	Lower	Upper
96	100		
61	157.3	121.7	182.5
98	63.9	52.2	78.2





#23
tert-Butyl Alcohol
Concen: 94.589 ug/l m
RT: 2.989 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

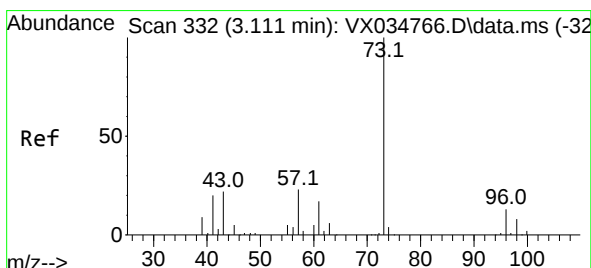
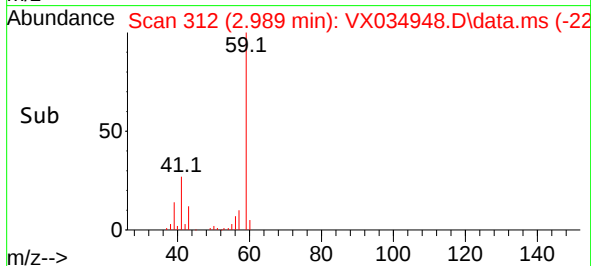
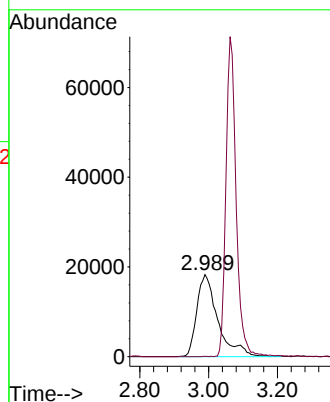
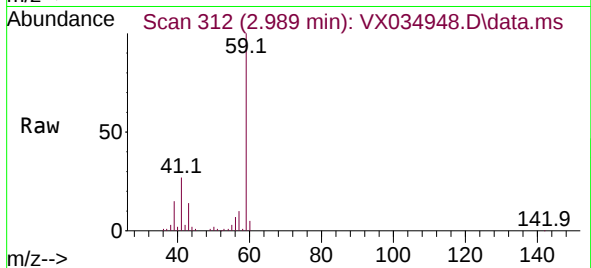
Tgt Ion: 59 Resp: 7813
Ion Ratio Lower Upper
59 100
52 0.1 0.2 0.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

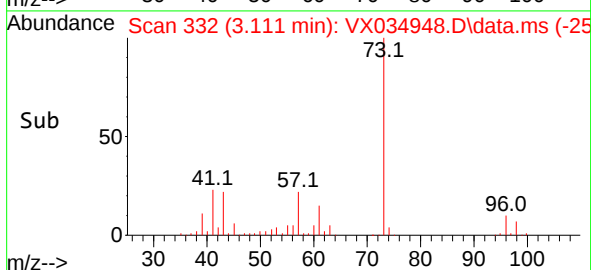
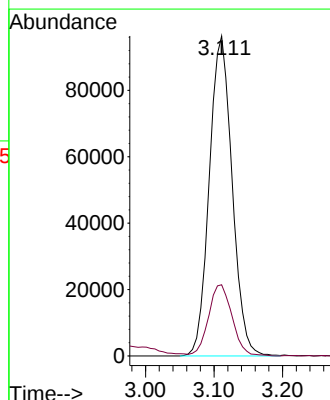
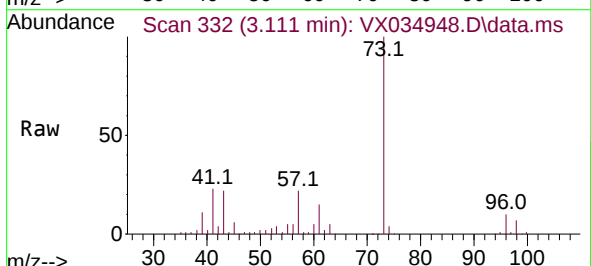
04/07/2023
Supervised By :Mahesh
Dadoda

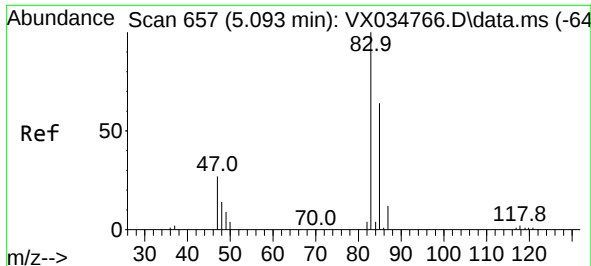
04/07/2023



#24
Methyl tert-Butyl Ether
Concen: 19.917 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Tgt Ion: 73 Resp: 222820
Ion Ratio Lower Upper
73 100
43 23.0 17.9 26.9





#25

Chloroform

Concen: 20.233 ug/l

RT: 5.086 min Scan# 61

Delta R.T. -0.007 min

Lab File: VX034948.D

Acq: 06 Apr 2023 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 83 Resp: 131339

Ion Ratio Lower Upper

83 100

85 61.4 51.2 76.8

Manual Integrations

APPROVED

Reviewed By :John

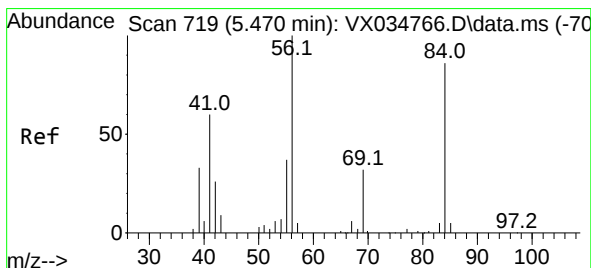
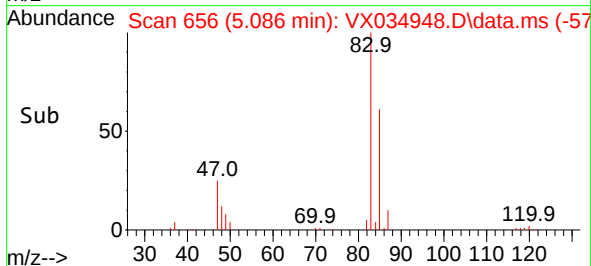
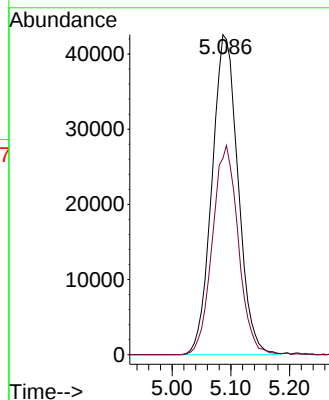
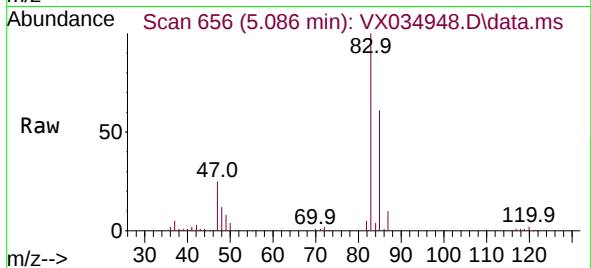
Carlone

04/07/2023

Supervised By :Mahesh

Dadoda

04/07/2023



#26

Cyclohexane

Concen: 19.481 ug/l

RT: 5.470 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX034948.D

Acq: 06 Apr 2023 09:40

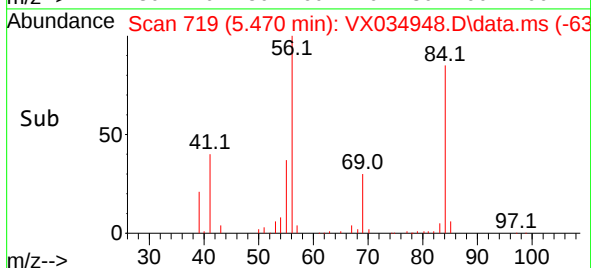
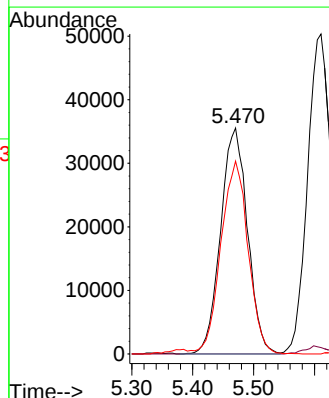
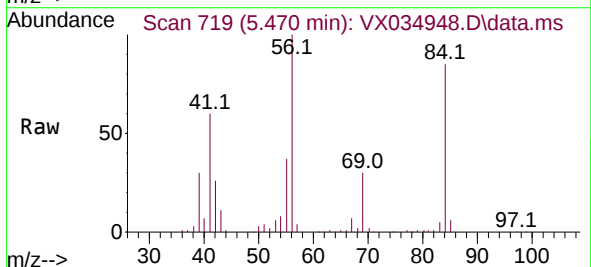
Tgt Ion: 56 Resp: 108948

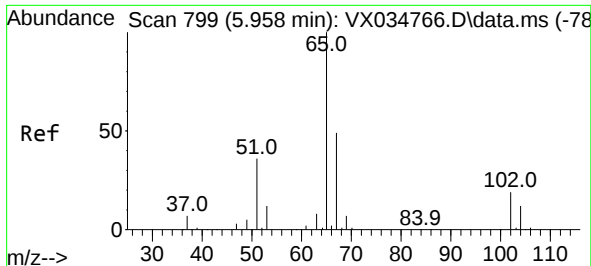
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 86.1 67.4 101.2





#27

1,2-Dichloroethane-d4

Concen: 31.664 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX034948.D

Acq: 06 Apr 2023 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 65 Resp: 92280

Ion Ratio Lower Upper

65 100

67 50.0 40.9 61.3

Manual Integrations

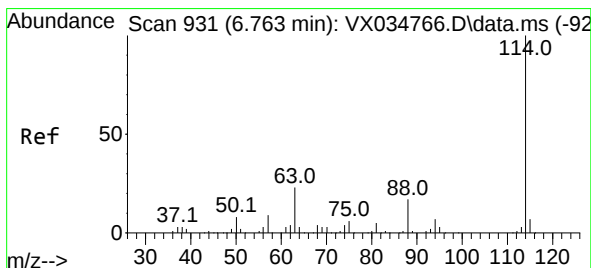
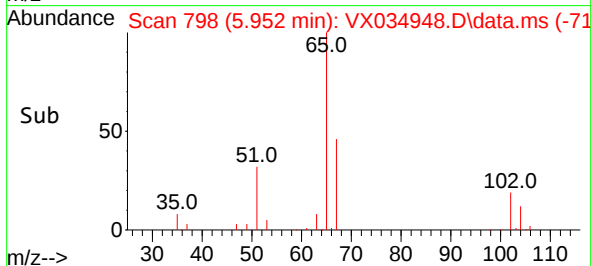
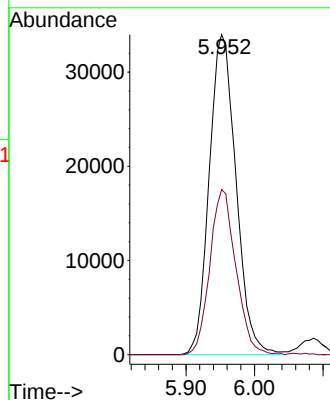
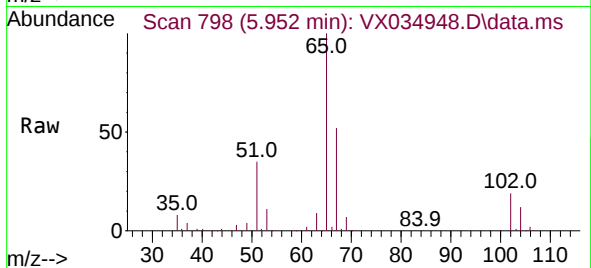
APPROVED

Reviewed By :John
Carlone

04/07/2023

Supervised By :Mahesh
Dadoda

04/07/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX034948.D

Acq: 06 Apr 2023 09:40

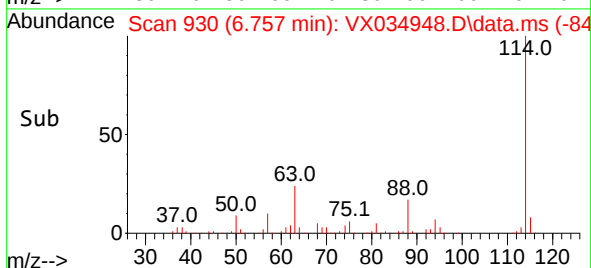
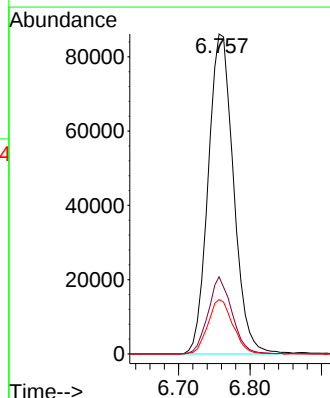
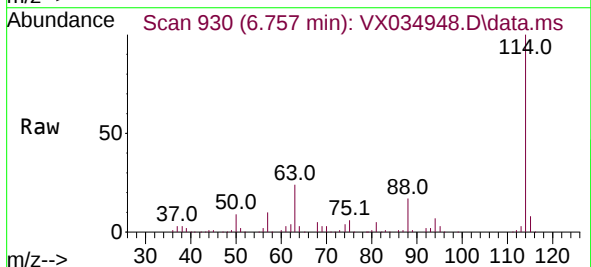
Tgt Ion:114 Resp: 211720

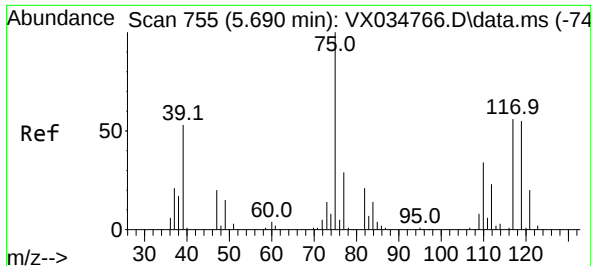
Ion Ratio Lower Upper

114 100

63 22.7 18.0 27.0

88 16.7 13.3 19.9





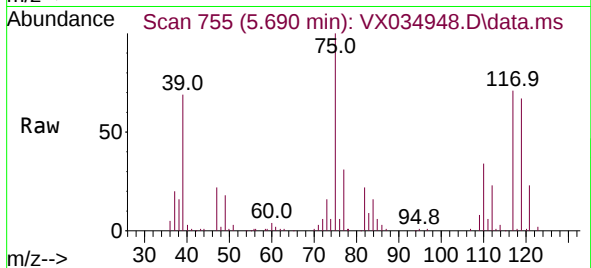
#29
1,1-Dichloropropene
Concen: 19.590 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



Tgt Ion: 75 Resp: 95398
Ion Ratio Lower Upper
75 100
110 34.2 0.0 71.4
77 31.5 0.0 61.6

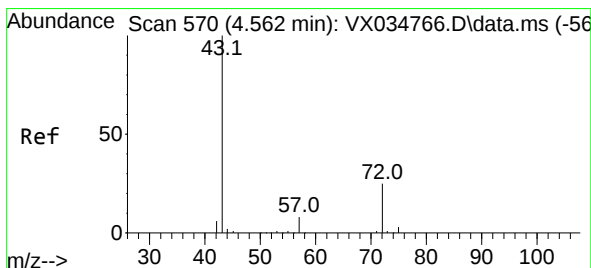
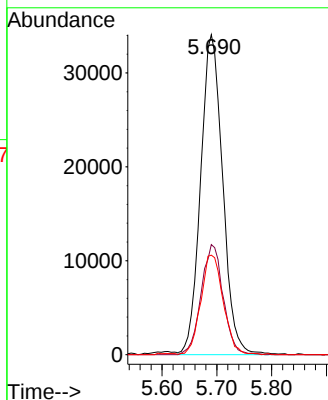
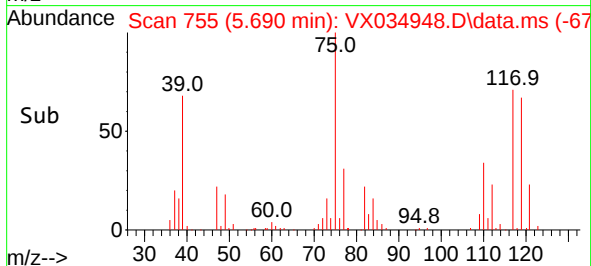
Manual Integrations
APPROVED

Reviewed By :John
Carlone

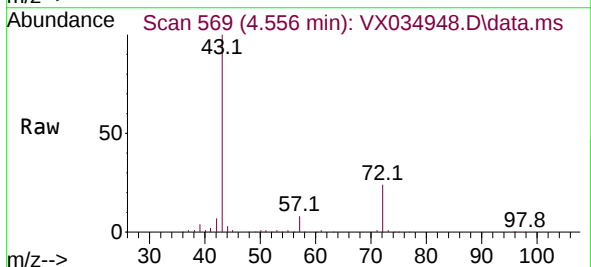
04/07/2023

Supervised By :Mahesh
Dadoda

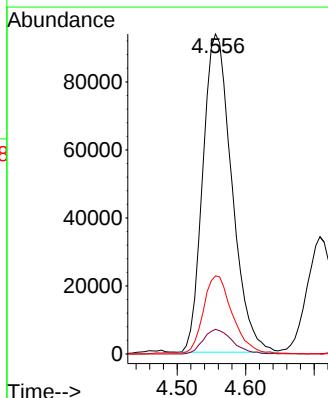
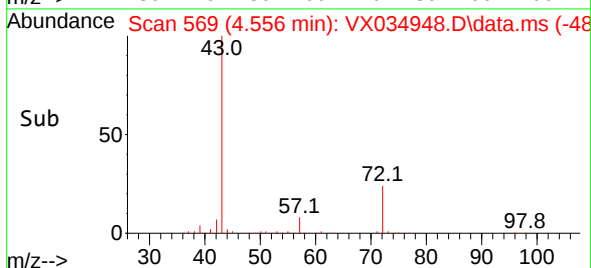
04/07/2023

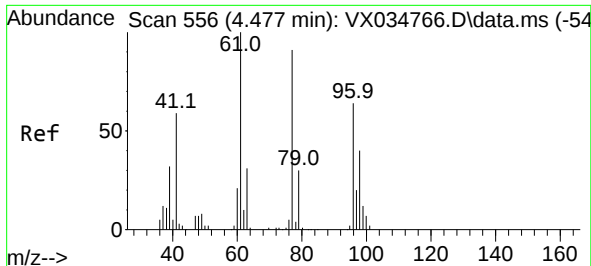


#30
2-Butanone
Concen: 101.203 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40



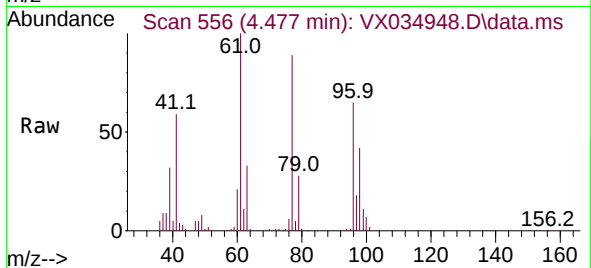
Tgt Ion: 43 Resp: 274835
Ion Ratio Lower Upper
43 100
57 7.8 6.3 9.5
72 24.1 19.6 29.4





#31
2,2-Dichloropropane
Concen: 20.519 ug/l
RT: 4.477 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



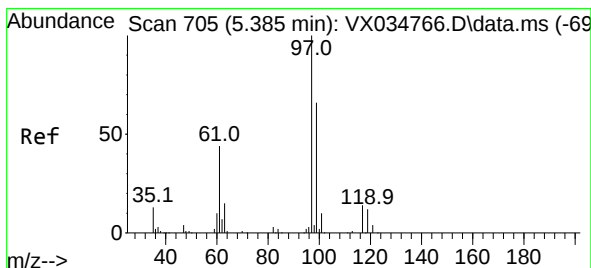
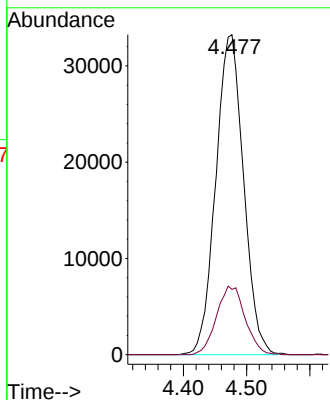
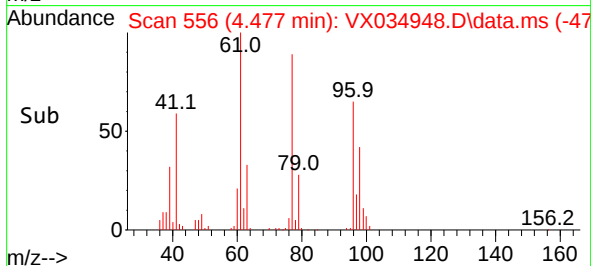
Tgt Ion: 77 Resp: 101330
Ion Ratio Lower Upper
77 100
97 22.0 18.2 27.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

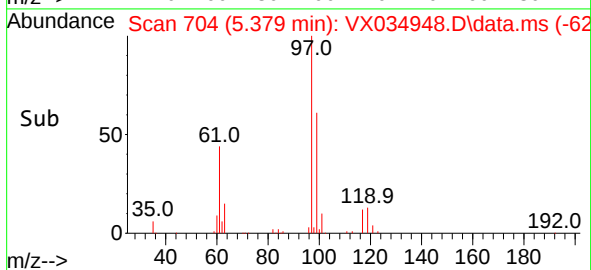
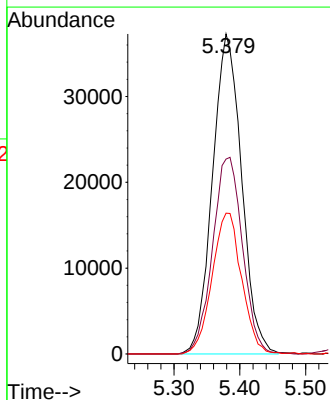
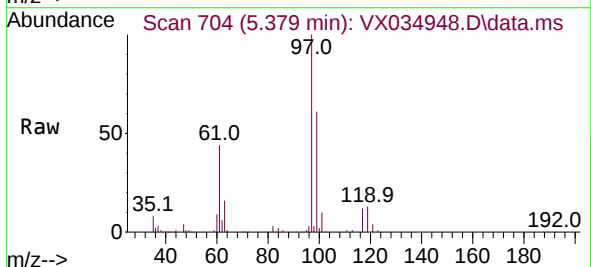
04/07/2023
Supervised By :Mahesh
Dadoda

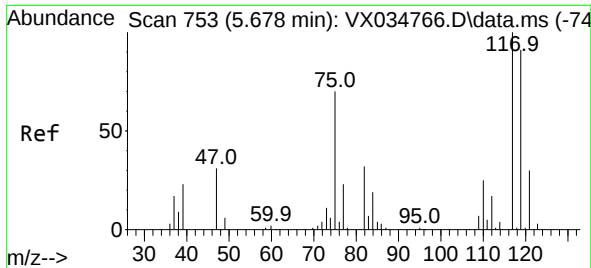
04/07/2023



#32
1,1,1-Trichloroethane
Concen: 20.067 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

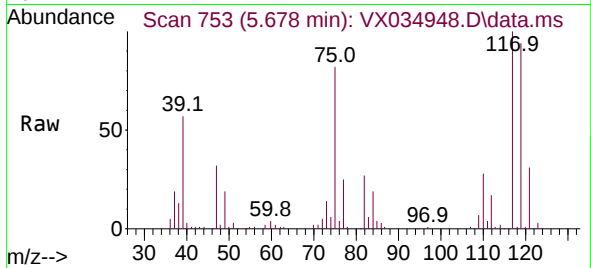
Tgt Ion: 97 Resp: 114634
Ion Ratio Lower Upper
97 100
99 63.4 51.3 76.9
61 44.7 36.6 55.0





#33
Carbon Tetrachloride
Concen: 20.443 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



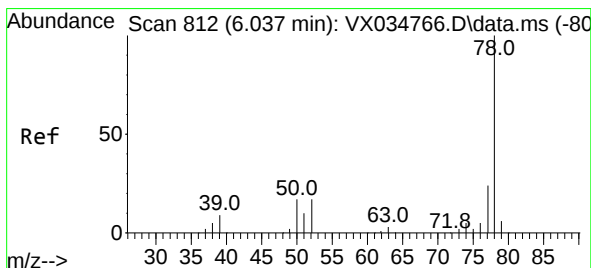
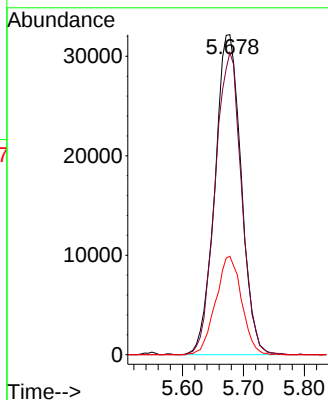
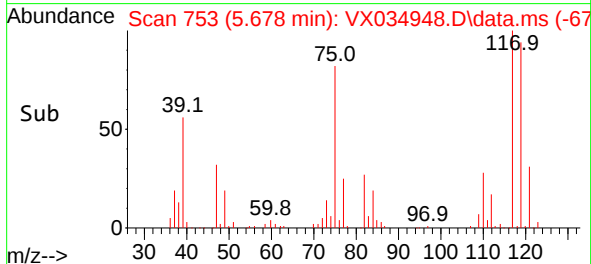
Tgt Ion: 117 Resp: 96385
Ion Ratio Lower Upper
117 100
119 94.4 73.3 109.9
121 30.8 24.0 36.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

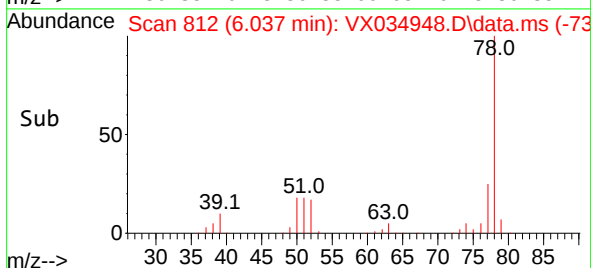
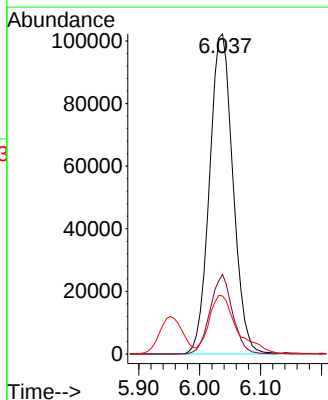
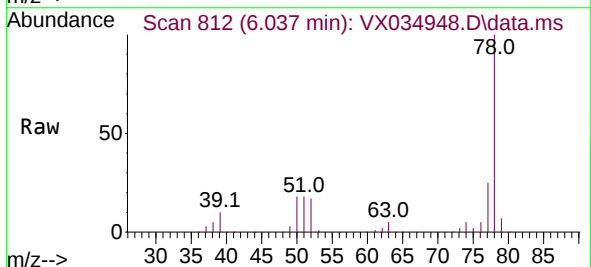
04/07/2023
Supervised By :Mahesh
Dadoda

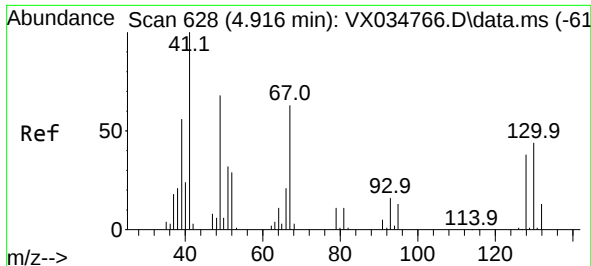
04/07/2023



#34
Benzene
Concen: 19.330 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Tgt Ion: 78 Resp: 273544
Ion Ratio Lower Upper
78 100
77 24.8 19.0 28.4
51 17.9 14.6 21.8





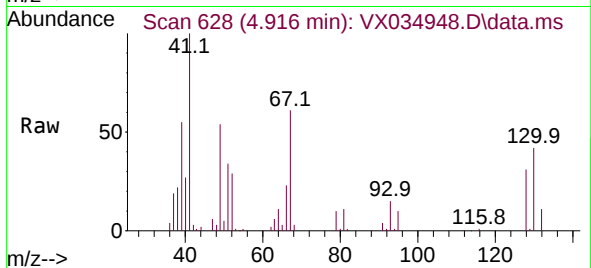
#35
Methacrylonitrile
Concen: 18.883 ug/l
RT: 4.916 min Scan# 612
Delta R.T. -0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



Tgt Ion: 41 Resp: 5612
Ion Ratio Lower Upper
41 100
39 54.5 28.0 84.0
67 60.7 31.6 94.7
52 28.9 14.4 43.0

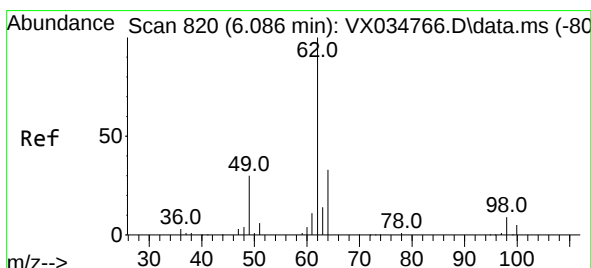
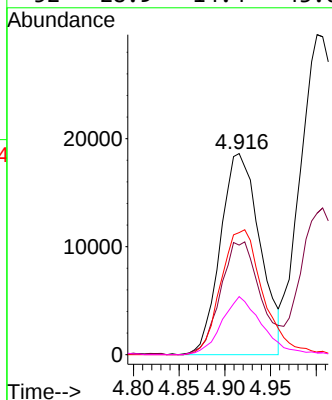
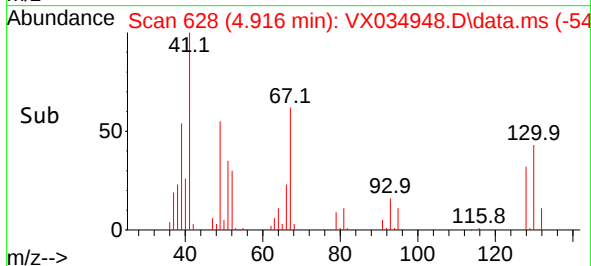
Manual Integrations
APPROVED

Reviewed By :John
Carlone

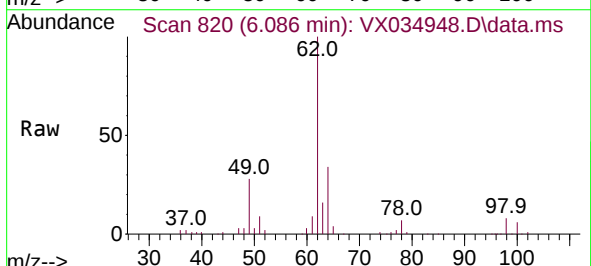
04/07/2023

Supervised By :Mahesh
Dadoda

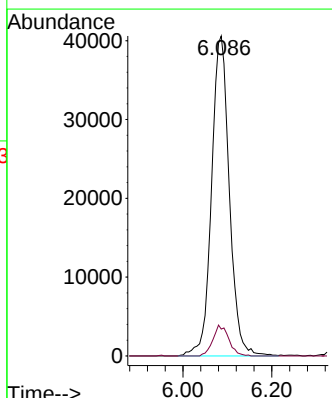
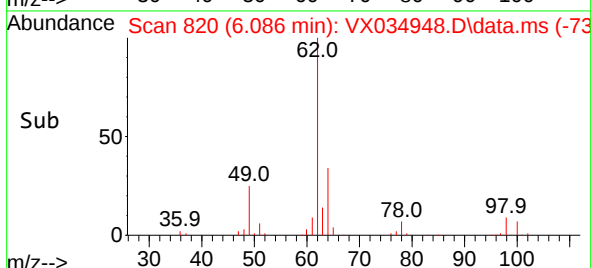
04/07/2023

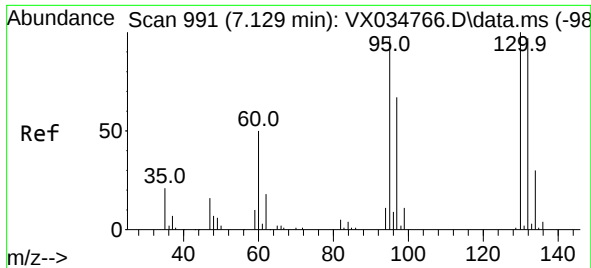


#36
1,2-Dichloroethane
Concen: 20.313 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40



Tgt Ion: 62 Resp: 112702
Ion Ratio Lower Upper
62 100
98 8.6 7.0 10.6





#37
Trichloroethene
Concen: 19.484 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:130 Resp: 70170
Ion Ratio Lower Upper
130 100
95 105.8 77.8 116.6

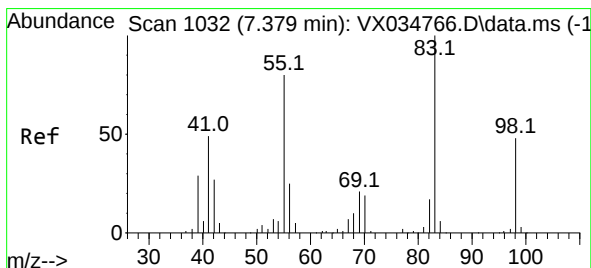
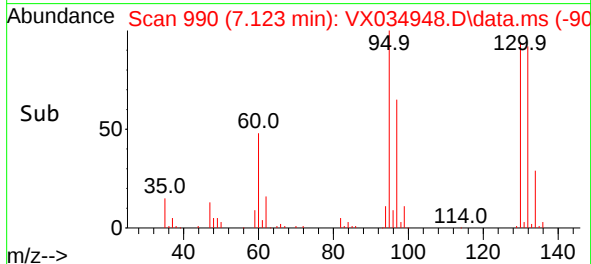
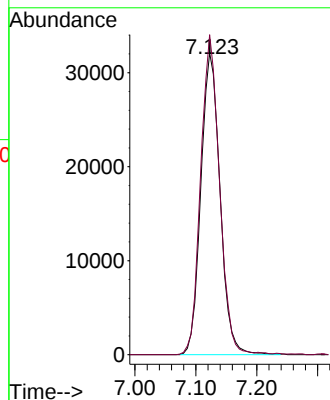
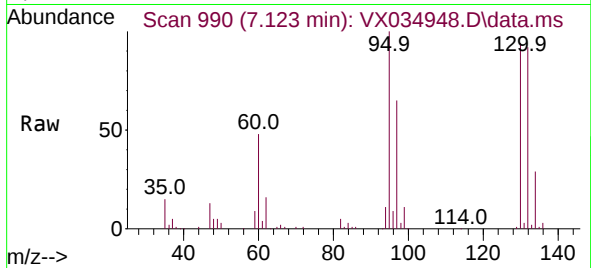
Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/07/2023

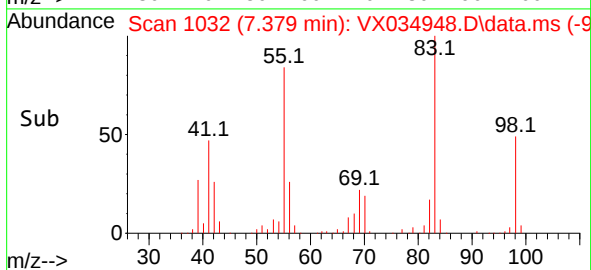
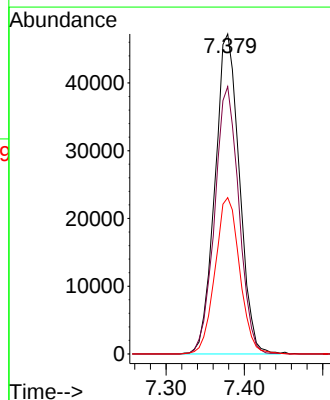
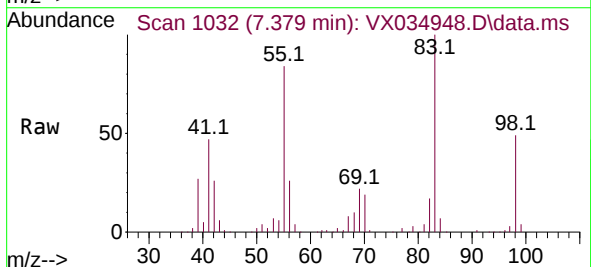
Supervised By :Mahesh
Dadoda

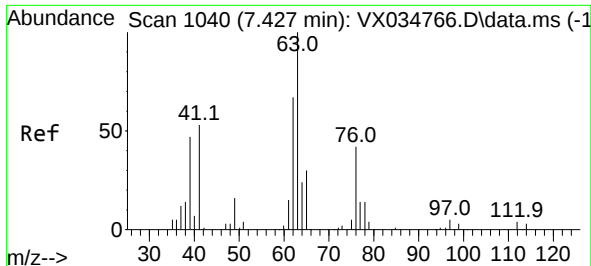
04/07/2023



#38
Methylcyclohexane
Concen: 19.280 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Tgt Ion: 83 Resp: 102575
Ion Ratio Lower Upper
83 100
55 82.6 38.8 116.4
98 49.4 23.8 71.2





#39

1,2-Dichloropropane

Concen: 19.707 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034948.D

Acq: 06 Apr 2023 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 72489

Ion Ratio Lower Upper

63 100

65 29.4 24.0 36.0

Manual Integrations

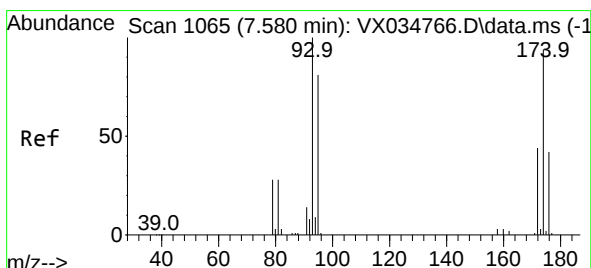
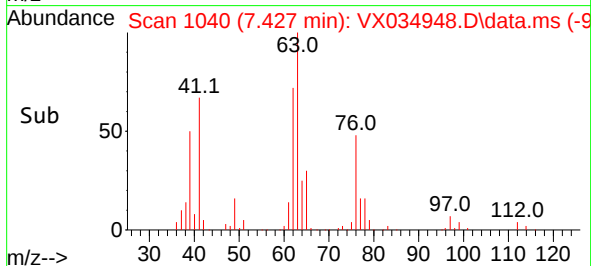
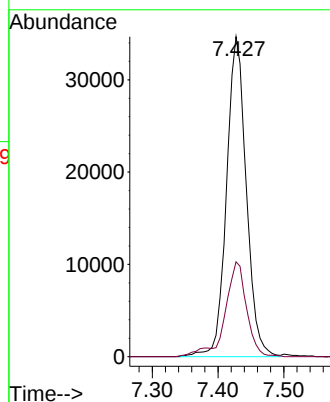
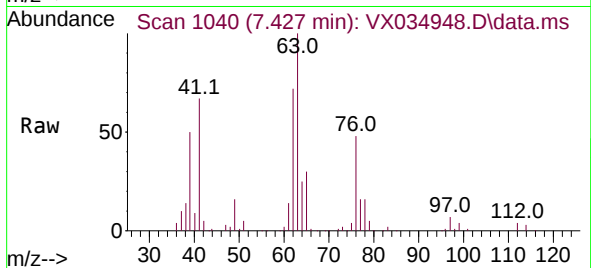
APPROVED

Reviewed By :John
Carlone

04/07/2023

Supervised By :Mahesh
Dadoda

04/07/2023



#40

Dibromomethane

Concen: 19.459 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX034948.D

Acq: 06 Apr 2023 09:40

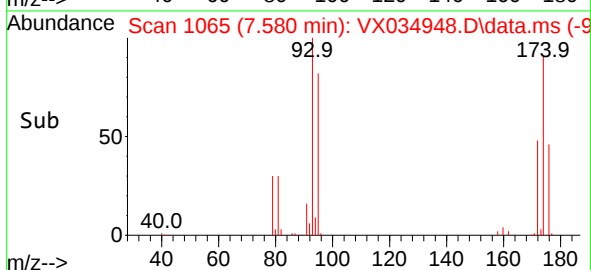
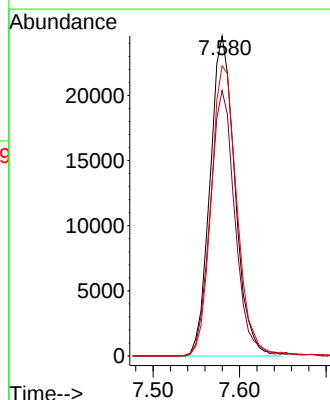
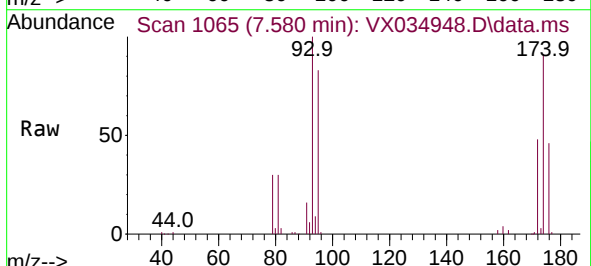
Tgt Ion: 93 Resp: 49169

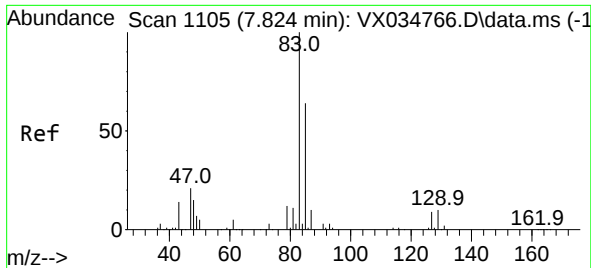
Ion Ratio Lower Upper

93 100

95 82.0 0.0 165.8

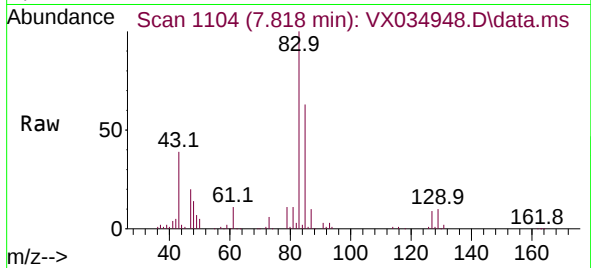
174 92.7 0.0 188.8





#41
Bromodichloromethane
Concen: 19.558 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Instrument : MSVOA_X
ClientSampleId : VSTDCCC020



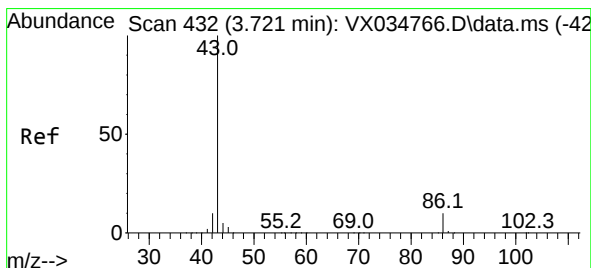
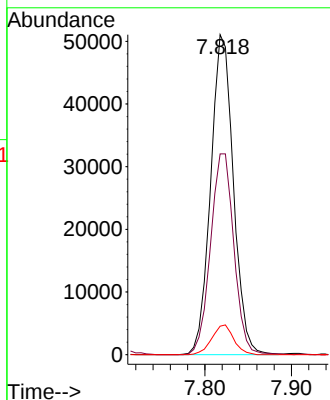
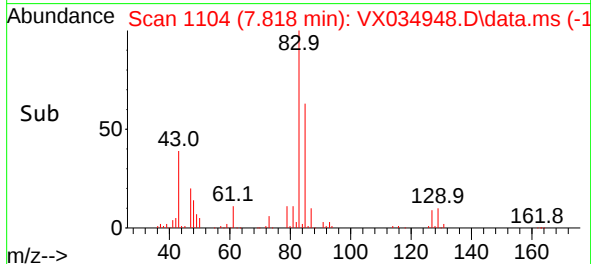
Tgt Ion: 83 Resp: 93084
Ion Ratio Lower Upper
83 100
85 62.7 51.1 76.7
127 8.9 8.2 12.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

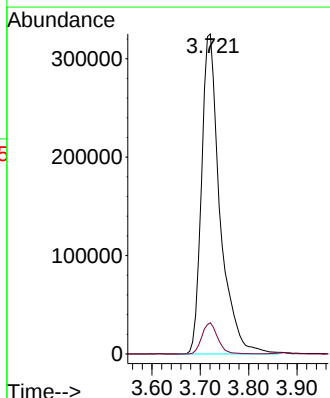
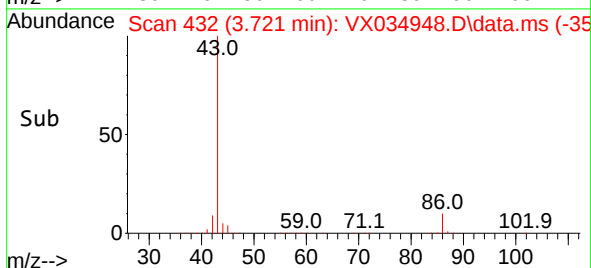
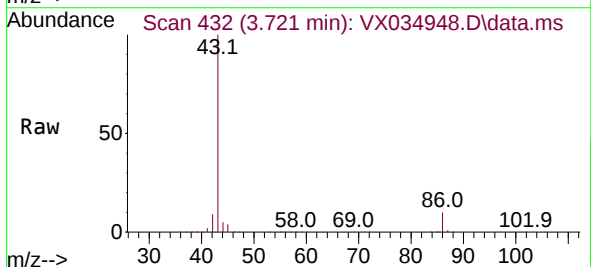
04/07/2023
Supervised By :Mahesh
Dadoda

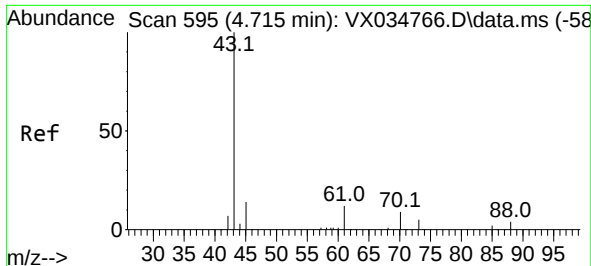
04/07/2023



#42
Vinyl Acetate
Concen: 97.219 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

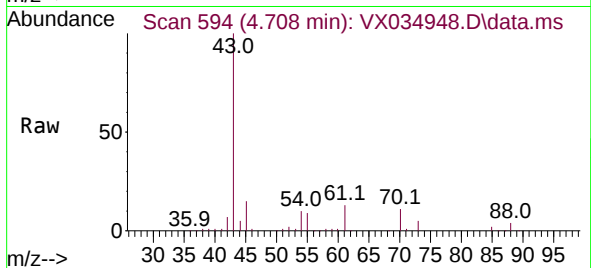
Tgt Ion: 43 Resp: 861316
Ion Ratio Lower Upper
43 100
86 8.4 6.9 10.3





#43
Ethyl Acetate
Concen: 19.104 ug/l
RT: 4.708 min Scan# 595
Delta R.T. -0.007 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Instrument :
MSVOA_X
Client Sample Id :
VSTDCCC020



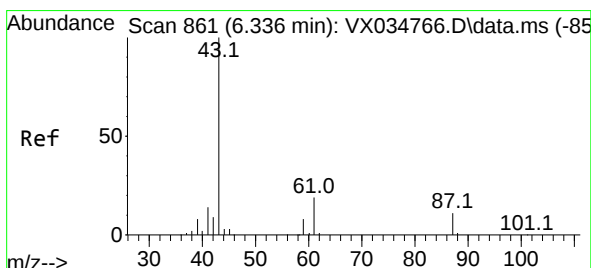
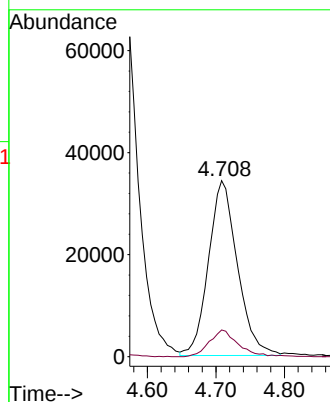
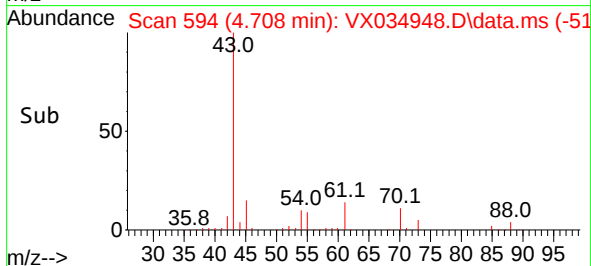
Tgt Ion: 43 Resp: 10061
Ion Ratio Lower Upper
43 100
45 14.6 12.0 18.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

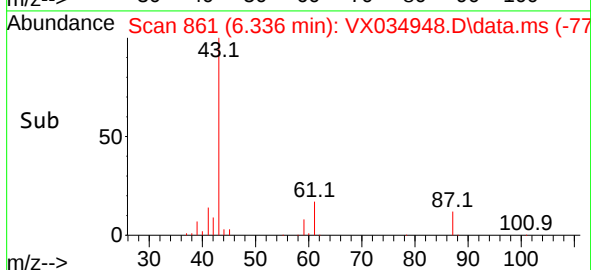
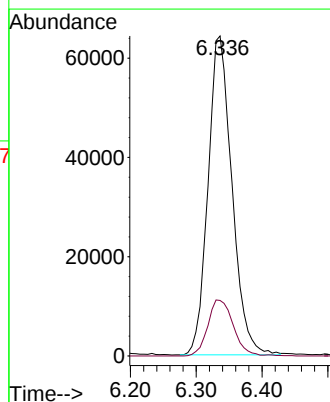
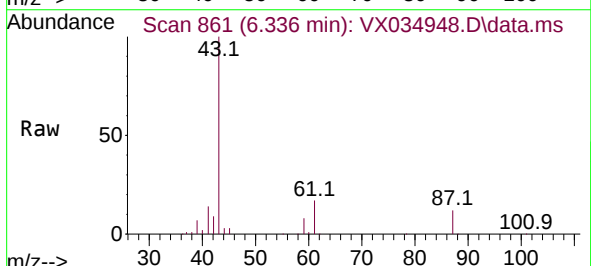
04/07/2023
Supervised By :Mahesh
Dadoda

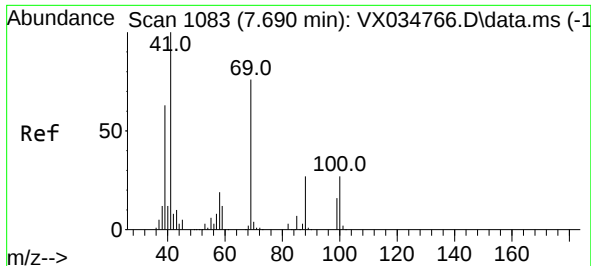
04/07/2023



#44
Isopropyl Acetate
Concen: 18.248 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Tgt Ion: 43 Resp: 162700
Ion Ratio Lower Upper
43 100
61 18.6 15.4 23.0





#45

1,4-Dioxane

Concen: 396.524 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. -0.000 min

Lab File: VX034948.D

Acq: 06 Apr 2023 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

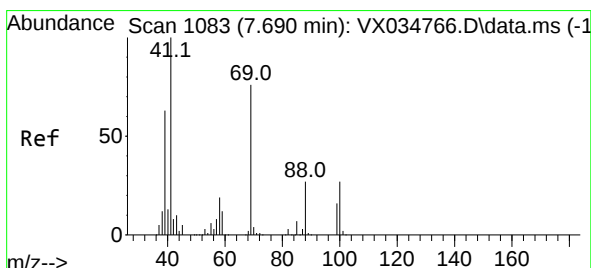
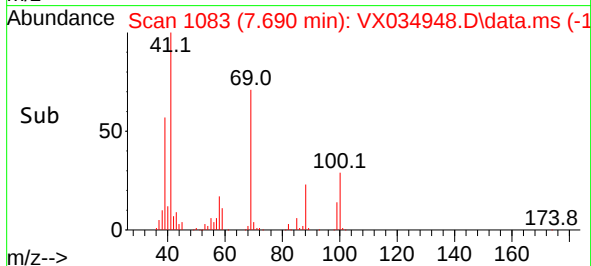
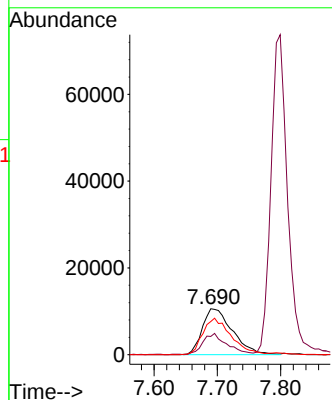
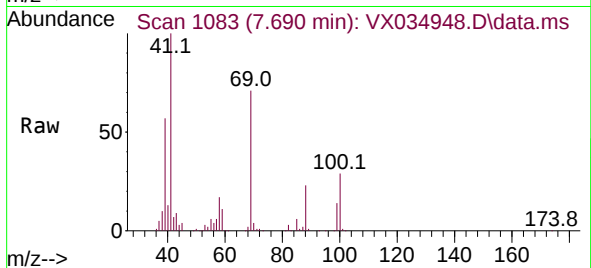
Tgt Ion: 88	Resp: 35020
Ion Ratio	Lower Upper
88	100
43	37.2 26.5 39.7
58	74.5 55.6 83.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/07/2023
Supervised By :Mahesh
Dadoda

04/07/2023



#46

Methyl methacrylate

Concen: 19.299 ug/l

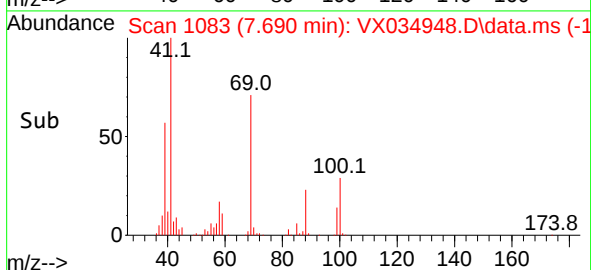
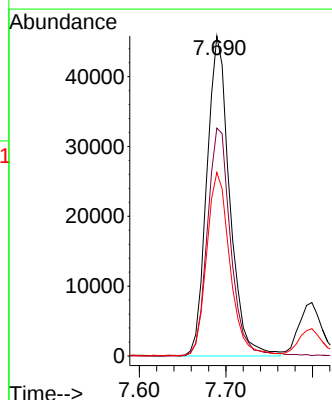
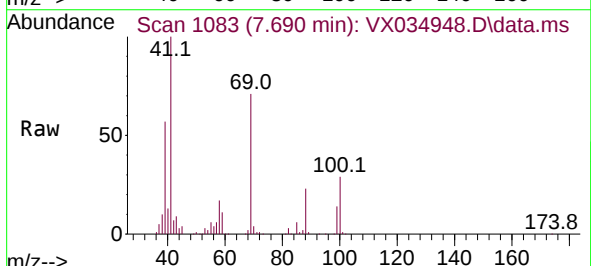
RT: 7.690 min Scan# 1083

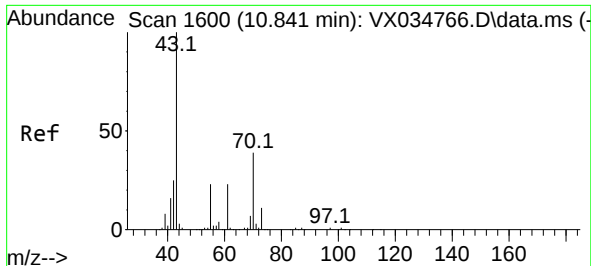
Delta R.T. -0.000 min

Lab File: VX034948.D

Acq: 06 Apr 2023 09:40

Tgt Ion: 41	Resp: 83839
Ion Ratio	Lower Upper
41	100
69	71.2 38.1 114.5
39	57.1 31.4 94.3





#47

n-amyl acetate

Concen: 17.726 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX034948.D

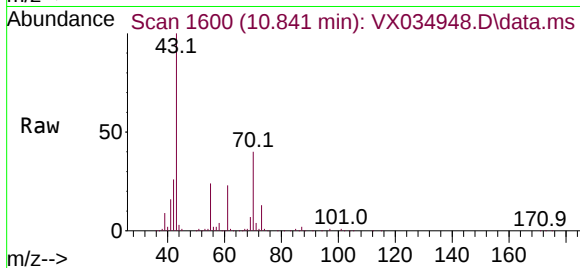
Acq: 06 Apr 2023 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



Tgt Ion: 43 Resp: 137404

Ion Ratio Lower Upper

43 100

55 23.5 18.6 28.0

Manual Integrations

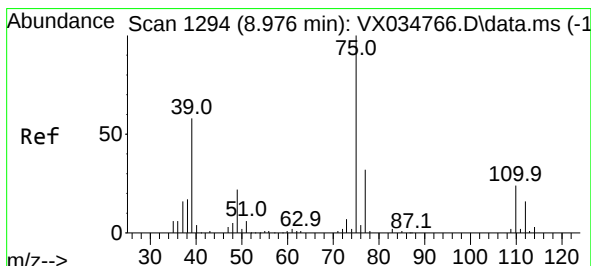
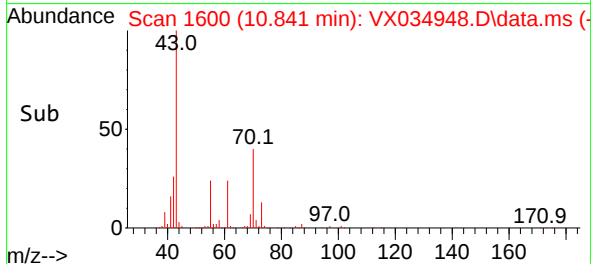
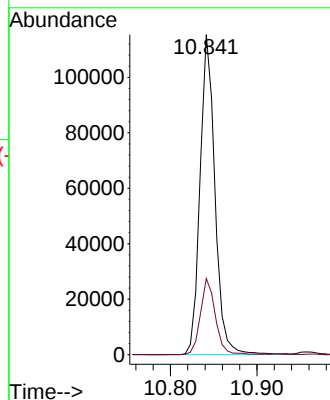
APPROVED

Reviewed By :John
Carlone

04/07/2023

Supervised By :Mahesh
Dadoda

04/07/2023



#48

t-1,3-Dichloropropene

Concen: 18.881 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX034948.D

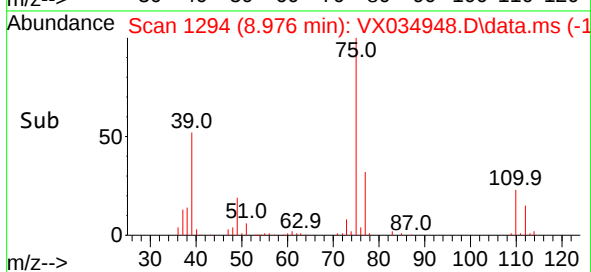
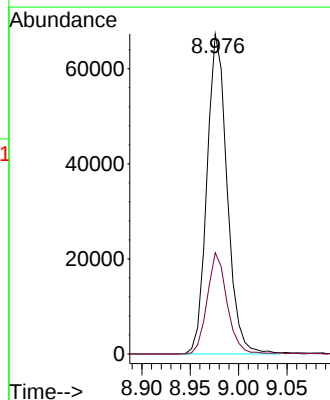
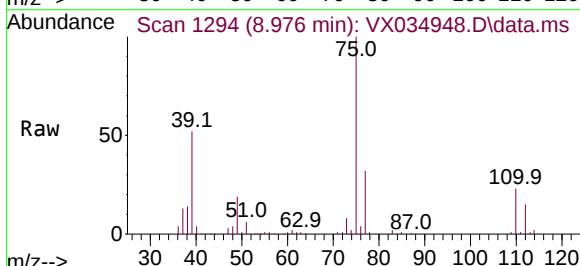
Acq: 06 Apr 2023 09:40

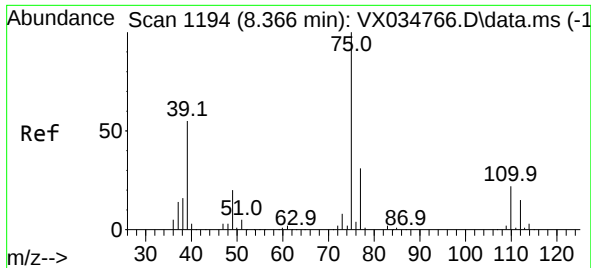
Tgt Ion: 75 Resp: 97911

Ion Ratio Lower Upper

75 100

77 31.7 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 19.326 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034948.D

Acq: 06 Apr 2023 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 11010

Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.6	37.0
39	56.8	44.2	66.2

Manual Integrations

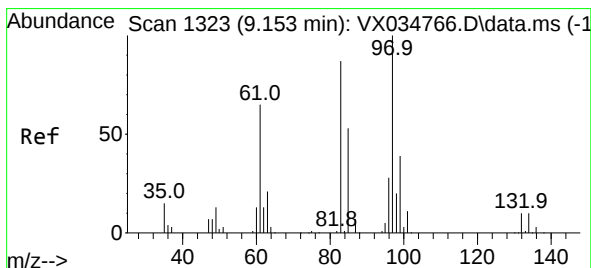
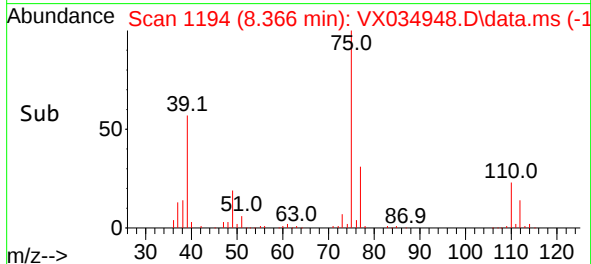
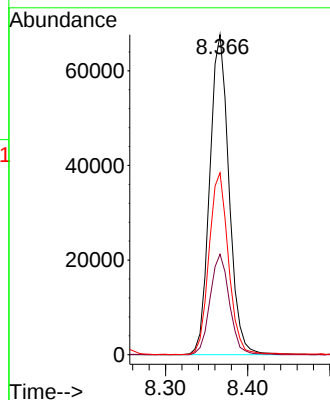
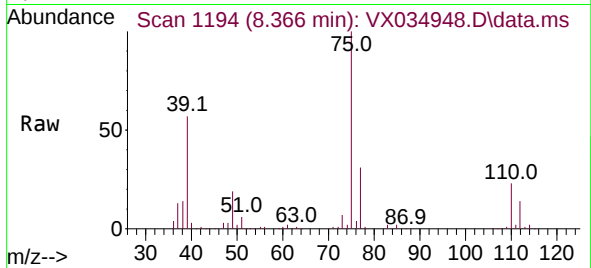
APPROVED

Reviewed By :John
Carlone

04/07/2023

Supervised By :Mahesh
Dadoda

04/07/2023



#50

1,1,2-Trichloroethane

Concen: 19.742 ug/l

RT: 9.153 min Scan# 1323

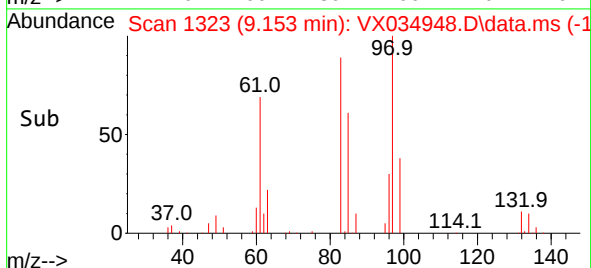
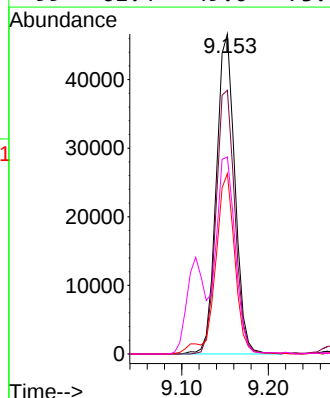
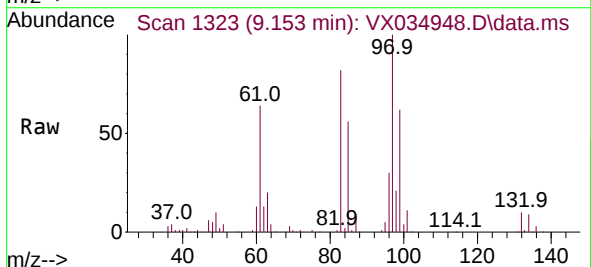
Delta R.T. -0.000 min

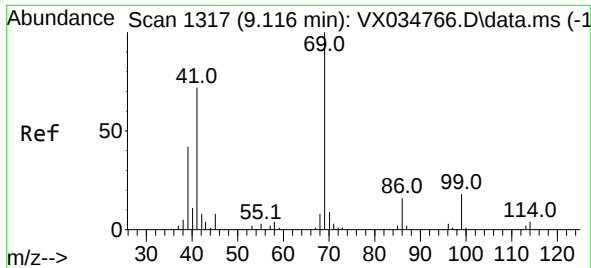
Lab File: VX034948.D

Acq: 06 Apr 2023 09:40

Tgt Ion: 97 Resp: 69496

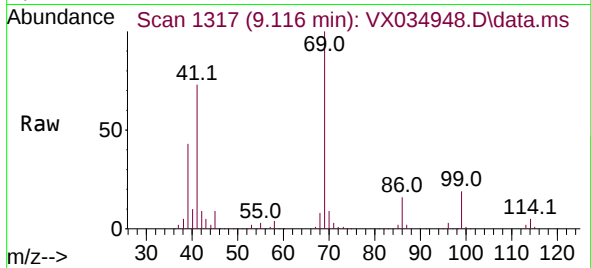
Ion	Ratio	Lower	Upper
97	100		
83	82.4	68.9	103.3
85	56.2	44.0	66.0
99	61.4	49.0	73.4





#51
Ethyl methacrylate
Concen: 18.465 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



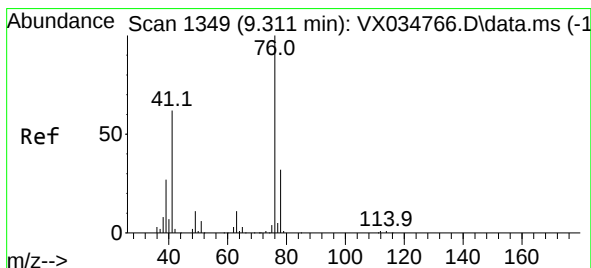
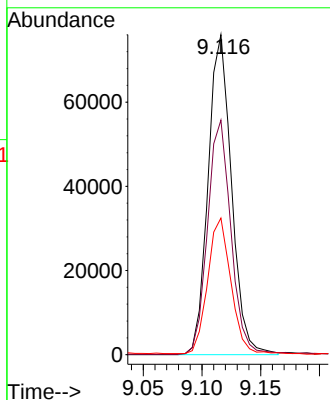
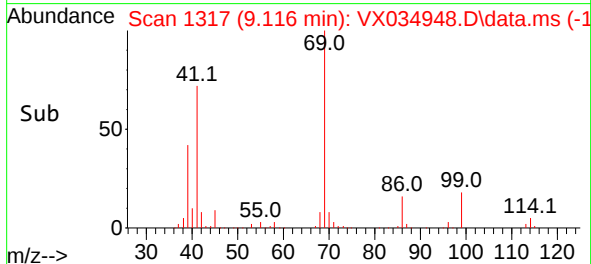
Tgt Ion: 69 Resp: 105499
Ion Ratio Lower Upper
69 100
41 73.2 36.2 108.6
39 42.4 21.2 63.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

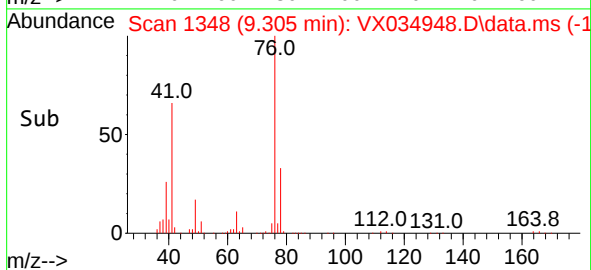
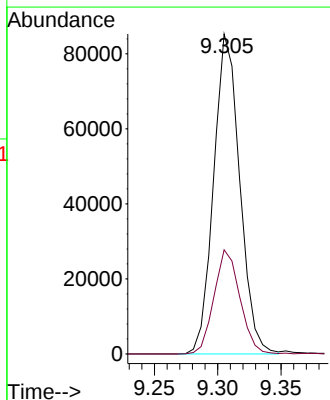
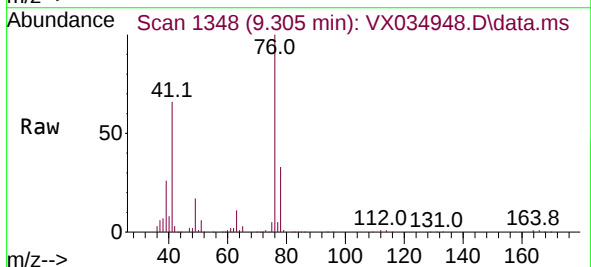
04/07/2023
Supervised By :Mahesh
Dadoda

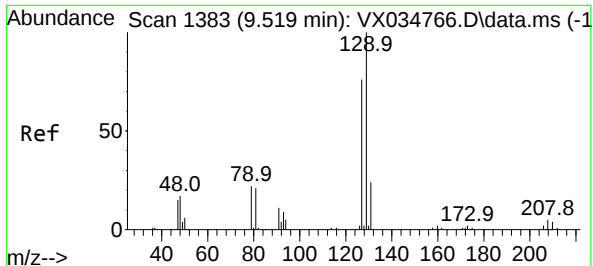
04/07/2023



#52
1,3-Dichloropropane
Concen: 19.646 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

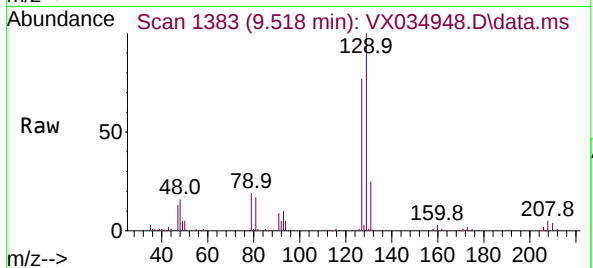
Tgt Ion: 76 Resp: 122166
Ion Ratio Lower Upper
76 100
78 32.4 0.0 63.8





#53
Dibromochloromethane
Concen: 19.266 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.001 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



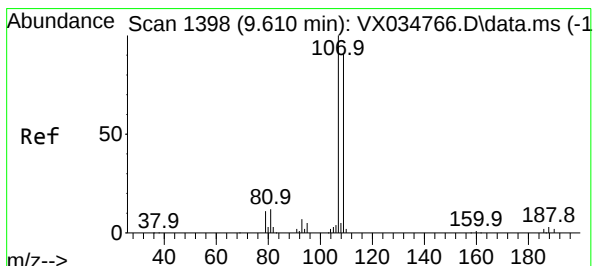
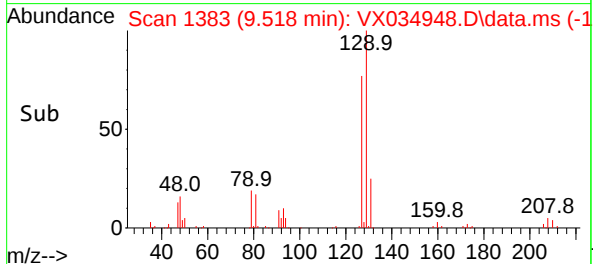
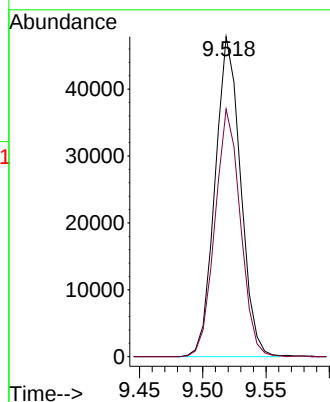
Tgt Ion:129 Resp: 67093
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

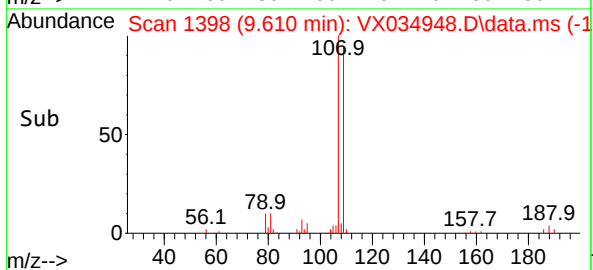
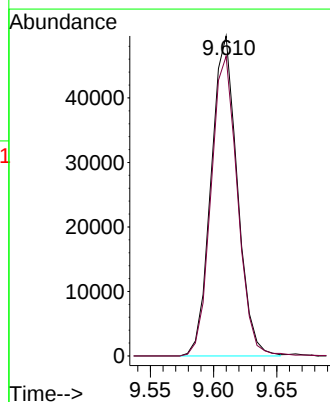
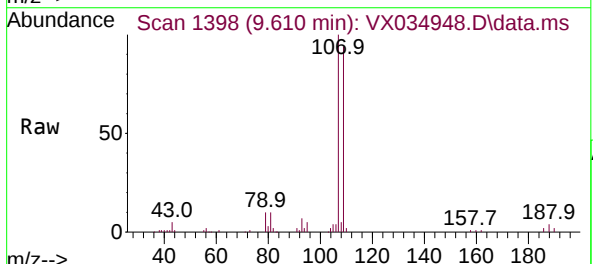
04/07/2023
Supervised By :Mahesh
Dadoda

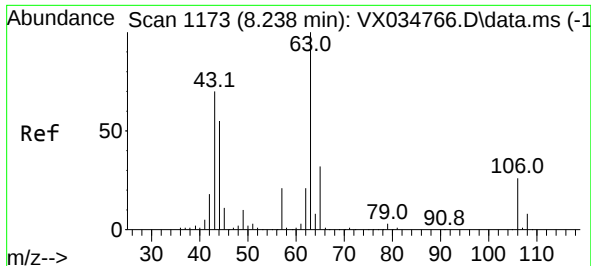
04/07/2023



#54
1,2-Dibromoethane
Concen: 18.970 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Tgt Ion:107 Resp: 71431
Ion Ratio Lower Upper
107 100
109 94.4 75.4 113.2





#55
2-Chloroethyl vinyl ether
Concen: 95.312 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

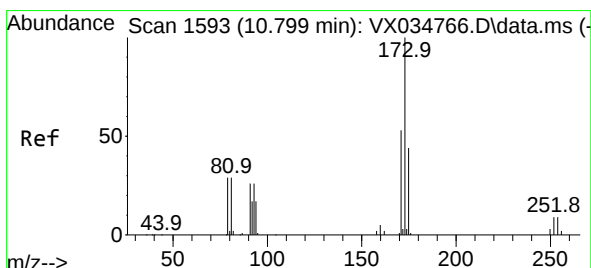
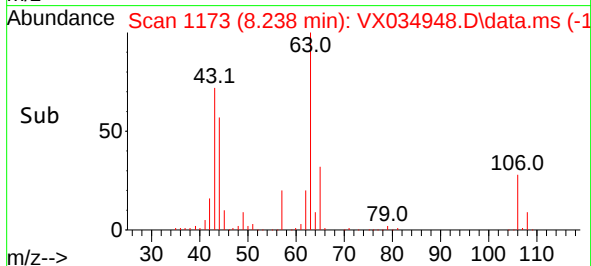
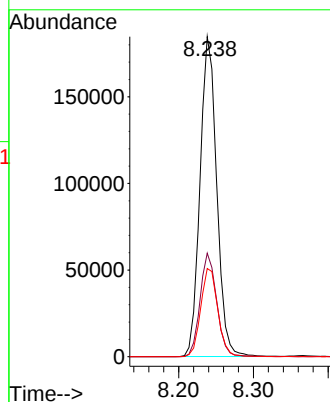
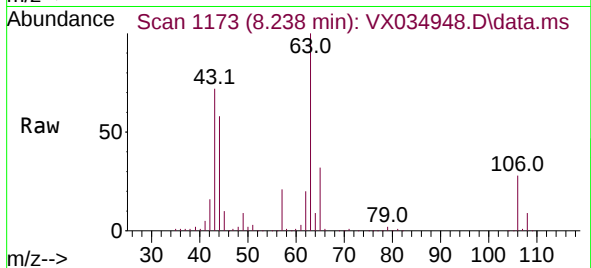
Tgt Ion: 63 Resp: 286572
Ion Ratio Lower Upper
63 100
65 32.0 25.4 38.2
106 28.2 21.6 32.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

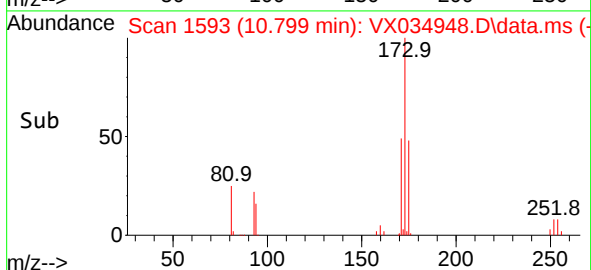
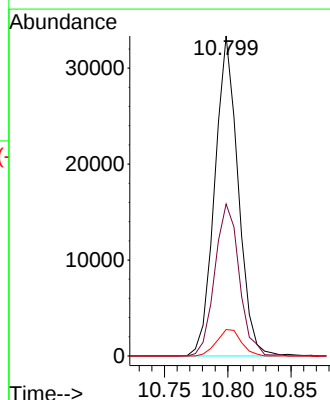
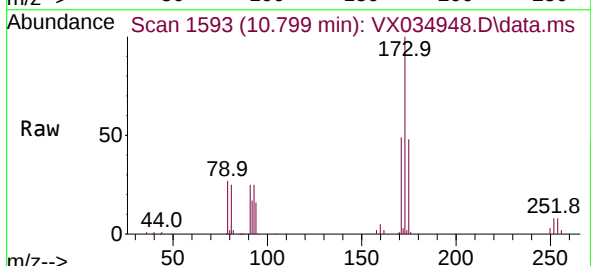
04/07/2023
Supervised By :Mahesh
Dadoda

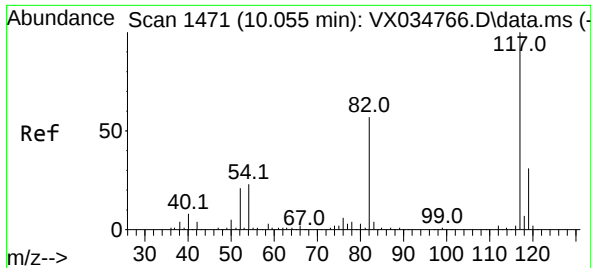
04/07/2023



#56
Bromoform
Concen: 17.843 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Tgt Ion:173 Resp: 42845
Ion Ratio Lower Upper
173 100
175 49.5 37.0 55.4
254 8.7 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: VX034948.D
Acq: 06 Apr 2023 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:117 Resp: 22764
Ion Ratio Lower Upper
117 100
82 58.6 45.8 68.8
119 31.8 25.4 38.0

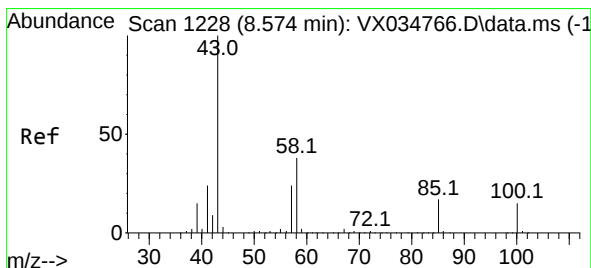
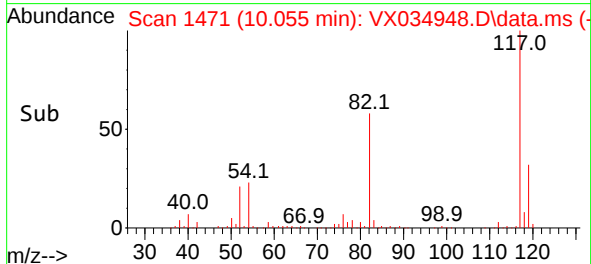
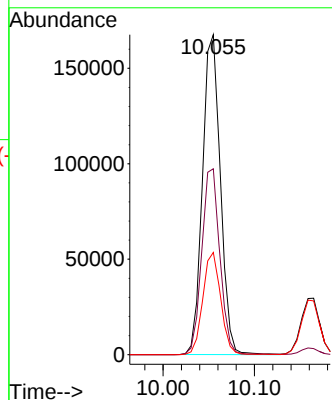
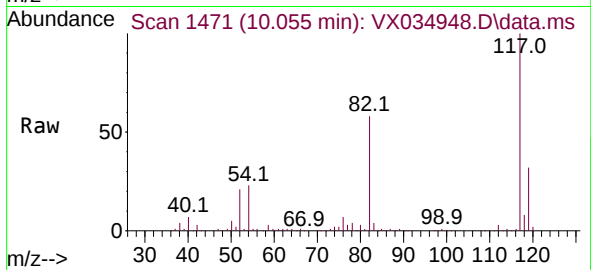
Manual Integrations
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Reviewed By :John
Carlone

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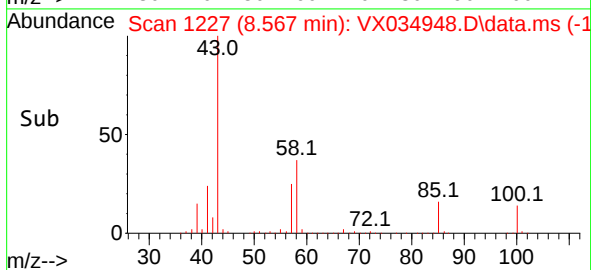
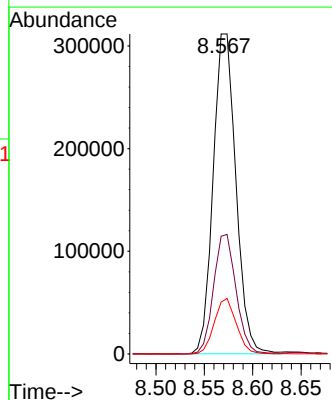
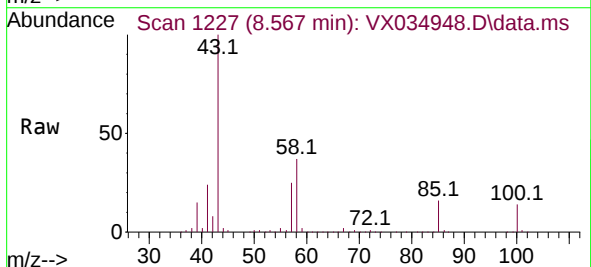
Supervised By :Mahesh
Dadoda

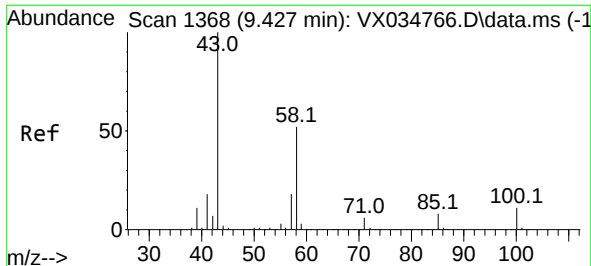
04/07/2023



#58
4-Methyl-2-Pentanone
Concen: 97.771 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.007 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Tgt Ion: 43 Resp: 510294
Ion Ratio Lower Upper
43 100
58 37.1 29.9 44.9
85 16.8 13.2 19.8





#59

2-Hexanone

Concen: 99.738 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX034948.D

Acq: 06 Apr 2023 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 39194

Ion	Ratio	Lower	Upper
43	100		
58	52.1	41.7	62.5
57	18.9	14.7	22.1

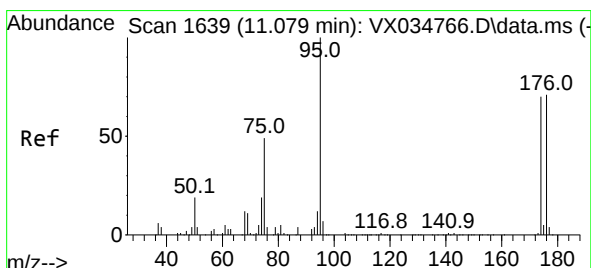
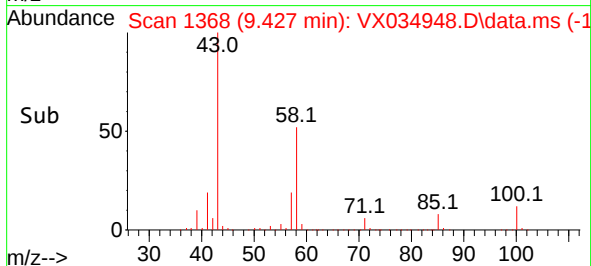
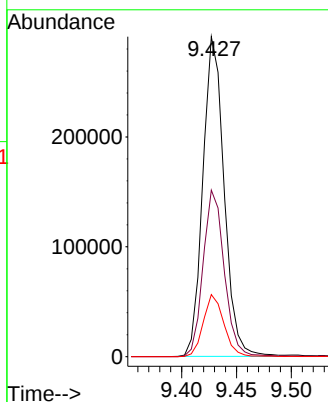
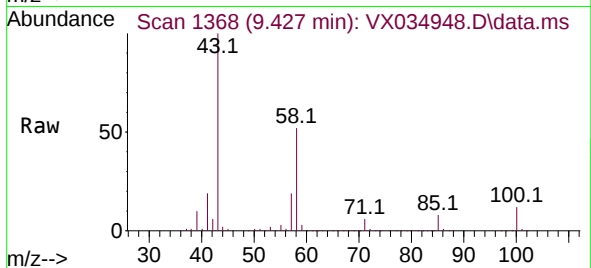
Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/07/2023

Supervised By :Mahesh
Dadoda

04/07/2023



#60

4-Bromofluorobenzene

Concen: 30.589 ug/l

RT: 11.079 min Scan# 1639

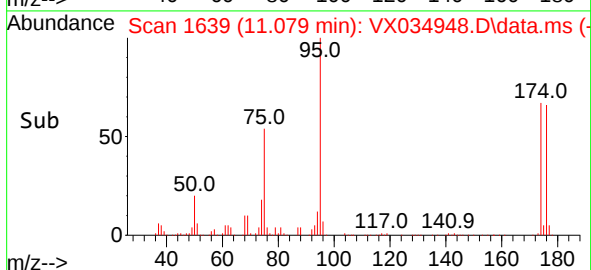
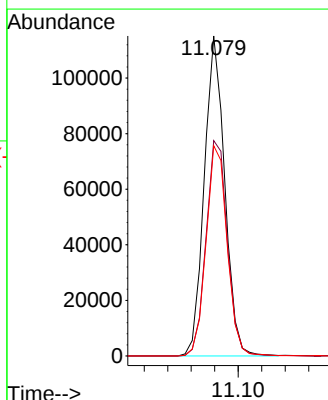
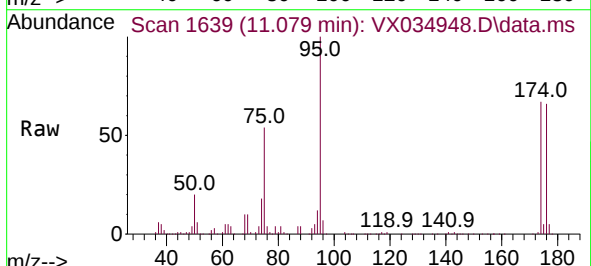
Delta R.T. 0.000 min

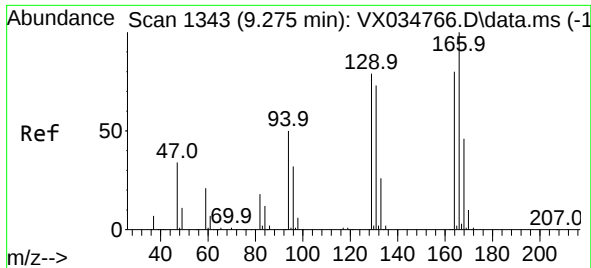
Lab File: VX034948.D

Acq: 06 Apr 2023 09:40

Tgt Ion: 95 Resp: 139138

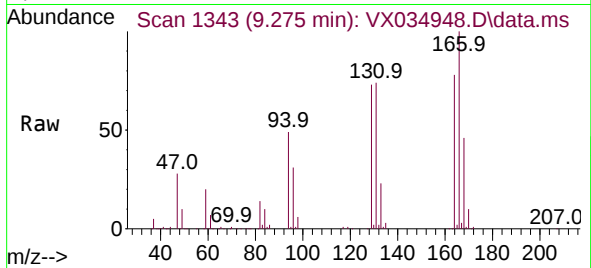
Ion	Ratio	Lower	Upper
95	100		
174	70.2	0.2	0.4#
176	67.7	0.2	0.2#





#61
Tetrachloroethene
Concen: 20.403 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



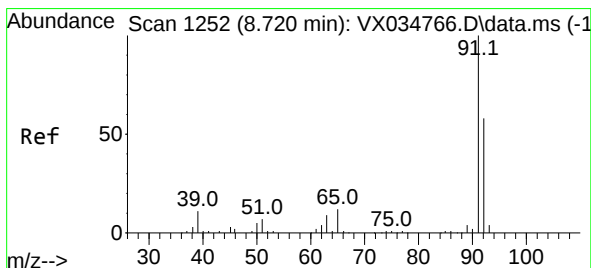
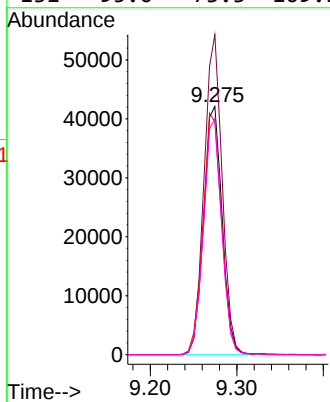
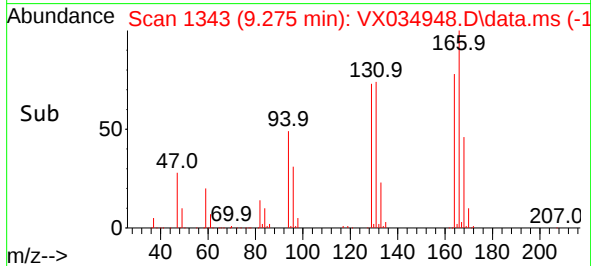
Tgt Ion:164 Resp: 6258
Ion Ratio Lower Upper
164 100
166 128.9 100.1 150.1
129 93.9 79.1 118.7
131 95.0 73.3 109.9

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Reviewed By :John
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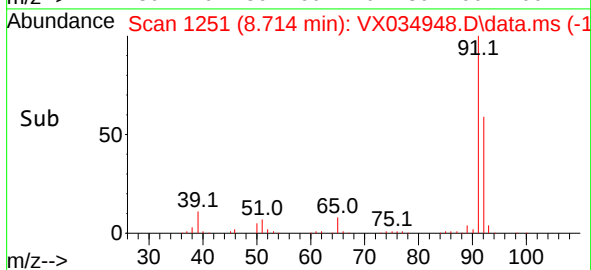
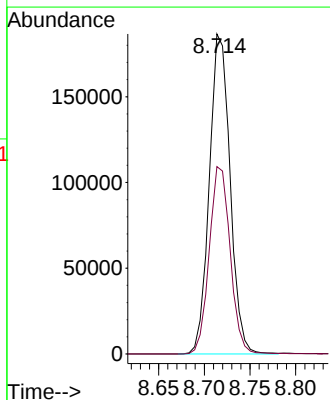
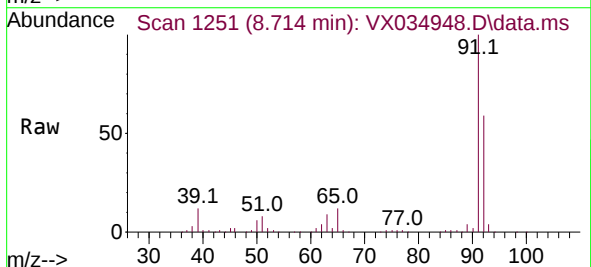
04/07/2023
Supervised By :Mahesh
Dadoda

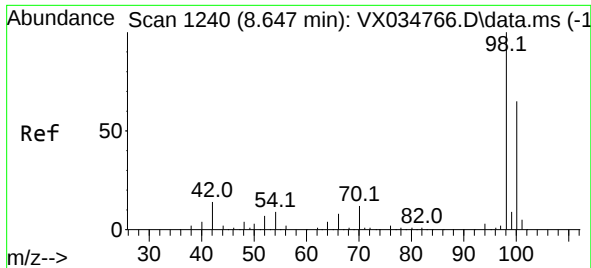
04/07/2023



#62
Toluene
Concen: 19.769 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

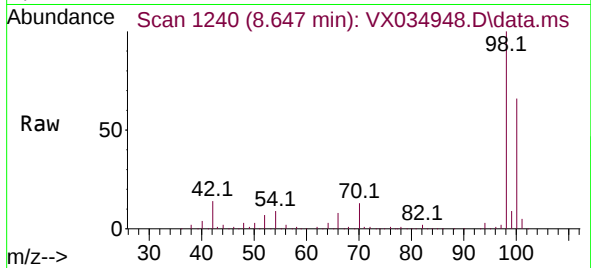
Tgt Ion: 91 Resp: 294260
Ion Ratio Lower Upper
91 100
92 59.0 46.5 69.7





#63
Toluene-d8
Concen: 30.148 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



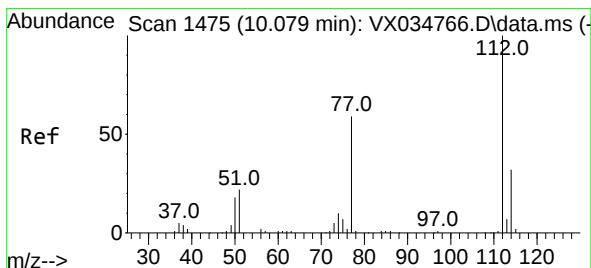
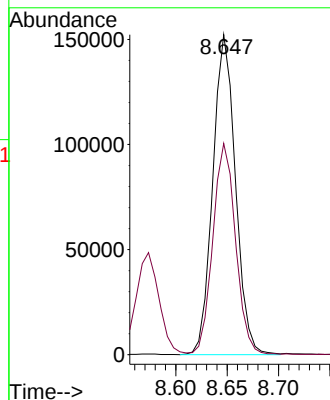
Tgt Ion: 98 Resp: 233224
Ion Ratio Lower Upper
98 100
100 66.3 52.1 78.1

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Reviewed By :John
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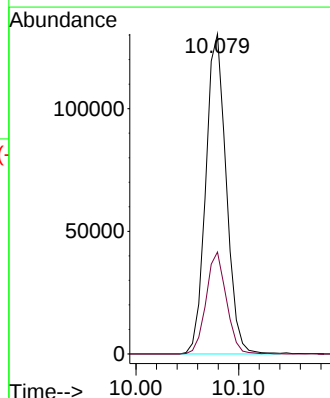
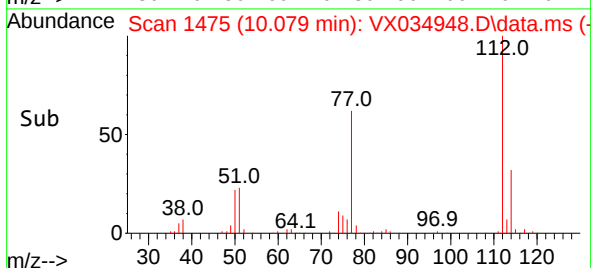
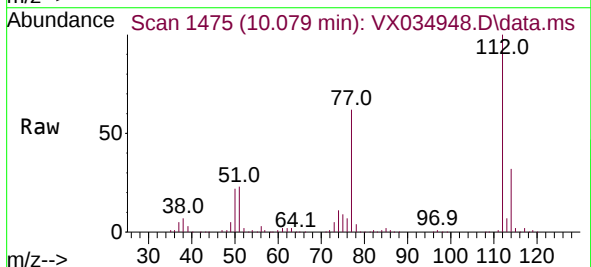
04/07/2023
Supervised By :Mahesh
Dadoda

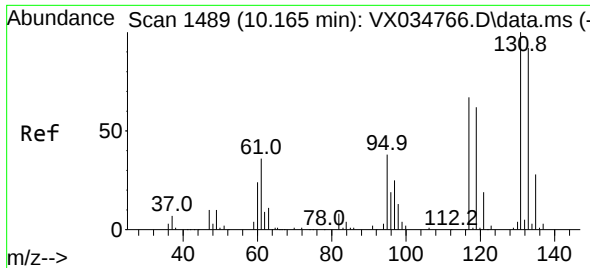
04/07/2023



#64
Chlorobenzene
Concen: 19.673 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

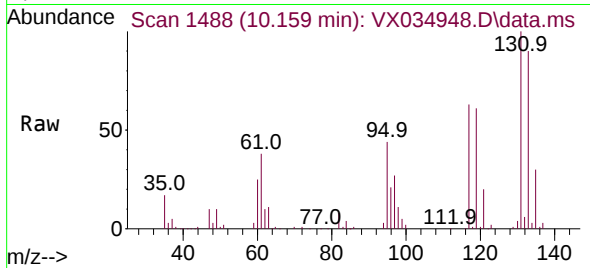
Tgt Ion:112 Resp: 180331
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8





#65
1,1,1,2-Tetrachloroethane
Concen: 20.148 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



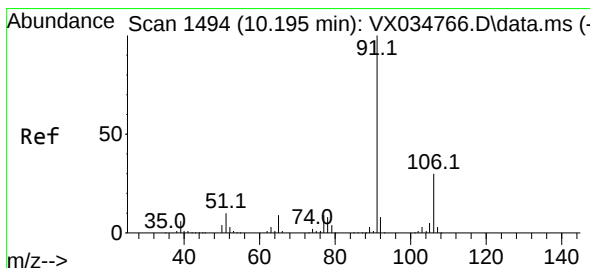
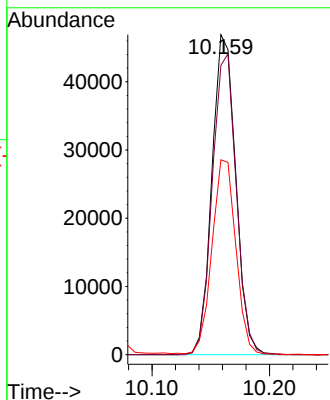
Tgt Ion:131 Resp: 66024
Ion Ratio Lower Upper
131 100
133 94.8 0.0 186.6
119 61.3 0.0 128.6

Manual Integrations
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Reviewed By :John
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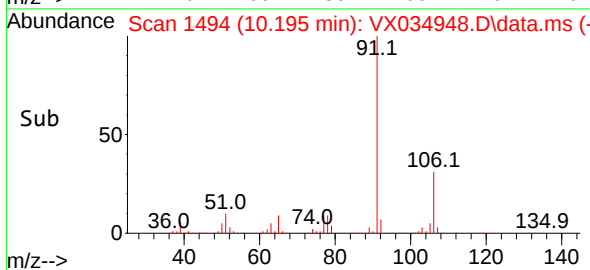
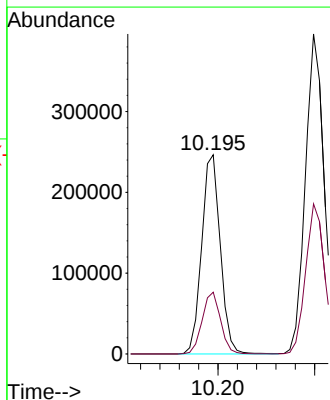
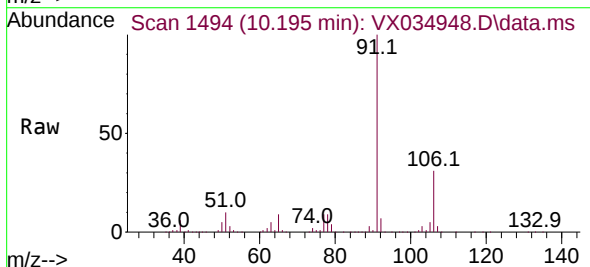
04/07/2023
Supervised By :Mahesh
Dadoda

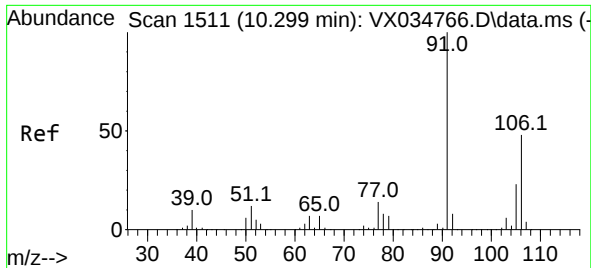
04/07/2023



#66
Ethyl Benzene
Concen: 19.951 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Tgt Ion: 91 Resp: 330761
Ion Ratio Lower Upper
91 100
106 31.0 24.4 36.6





#67
m/p-Xylenes
Concen: 39.961 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

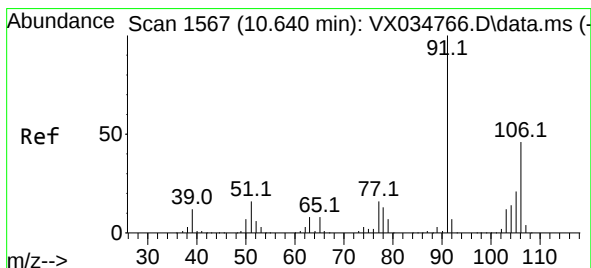
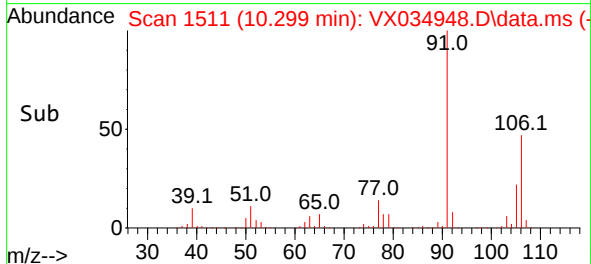
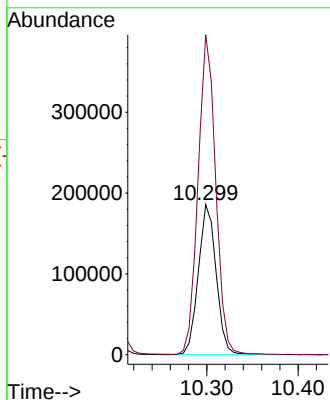
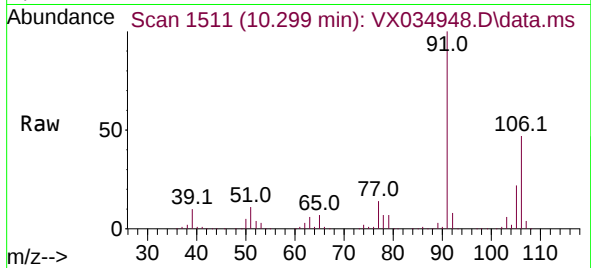
Tgt Ion:106 Resp: 252072
Ion Ratio Lower Upper
106 100
91 211.3 167.4 251.2

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Reviewed By :John
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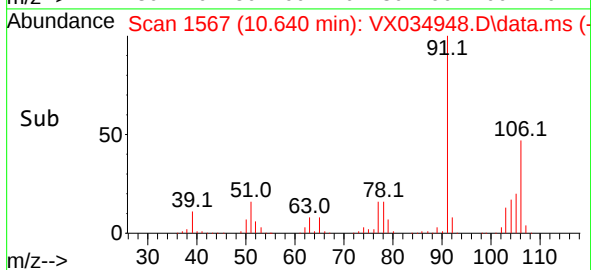
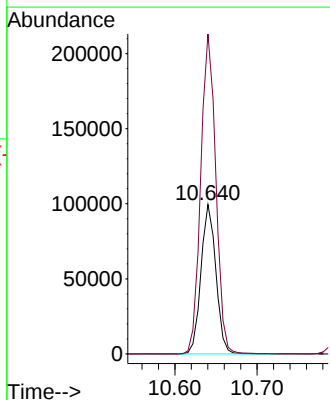
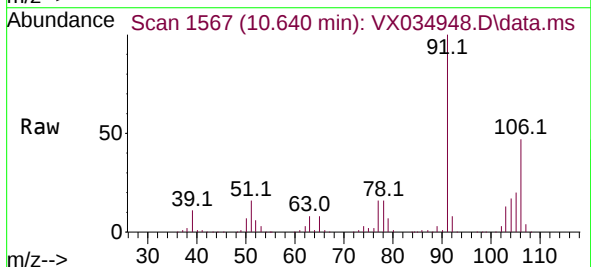
04/07/2023
Supervised By :Mahesh
Dadoda

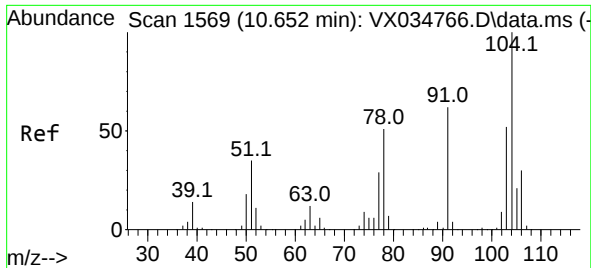
04/07/2023



#68
o-Xylene
Concen: 20.068 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

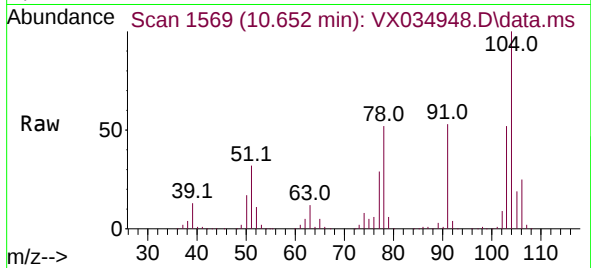
Tgt Ion:106 Resp: 125188
Ion Ratio Lower Upper
106 100
91 217.1 108.9 326.8





#69
Styrene
Concen: 19.632 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



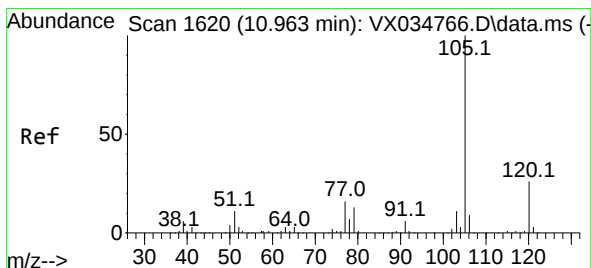
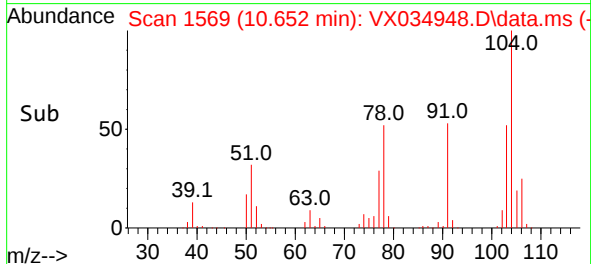
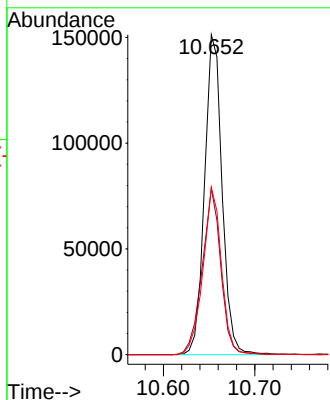
Tgt Ion:104 Resp: 20189
Ion Ratio Lower Upper
104 100
78 55.3 42.8 64.2
103 55.1 43.8 65.8

Manual Integrations
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Reviewed By :John
Carlone

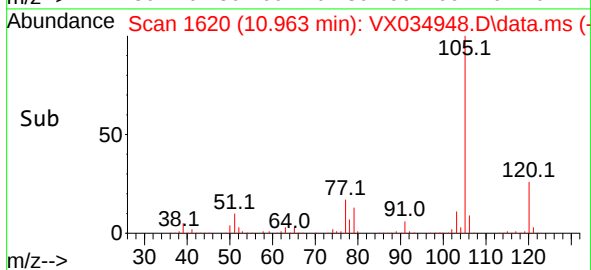
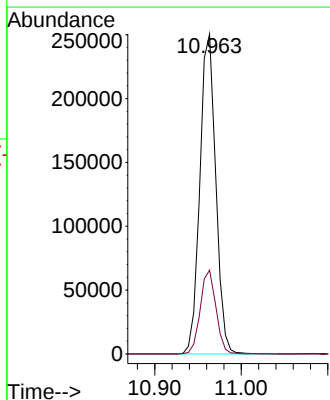
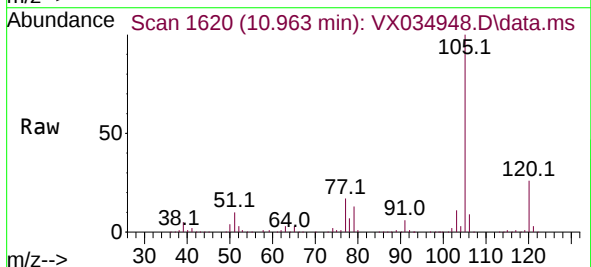
04/07/2023
Supervised By :Mahesh
Dadoda

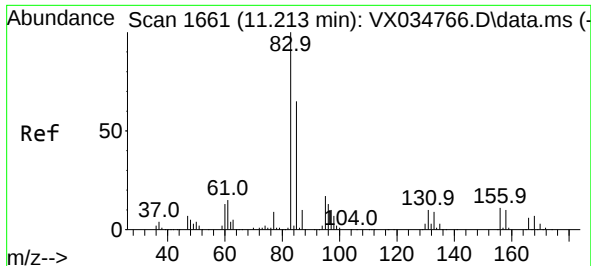
04/07/2023



#70
Isopropylbenzene
Concen: 19.795 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

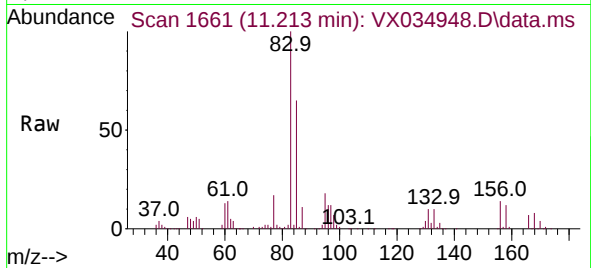
Tgt Ion:105 Resp: 319580
Ion Ratio Lower Upper
105 100
120 25.8 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 19.143 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



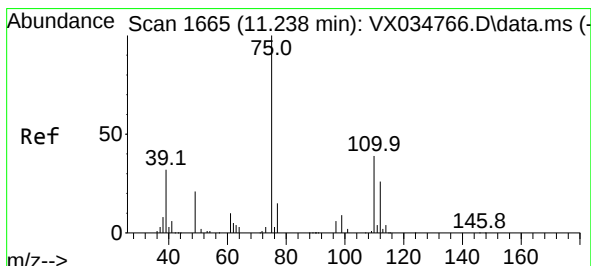
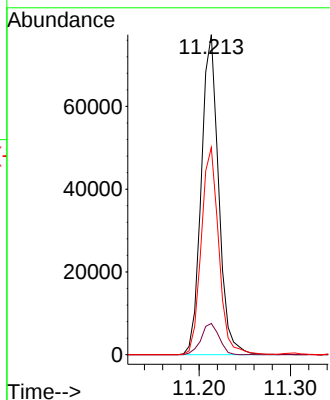
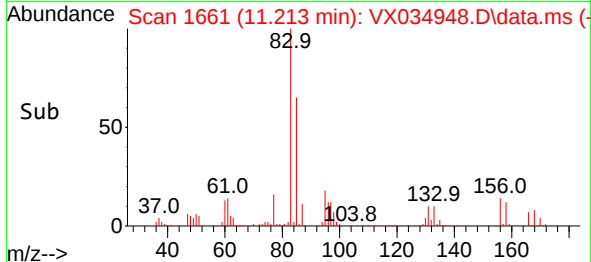
Tgt Ion: 83 Resp: 101589
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.2
85 65.4 31.9 95.5

Manual Integrations
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Reviewed By :John
Carlone

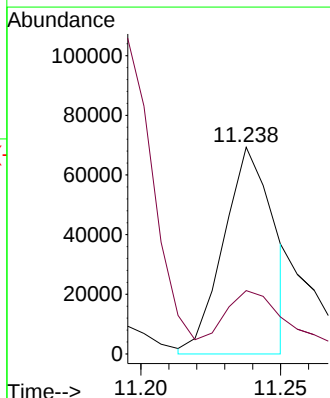
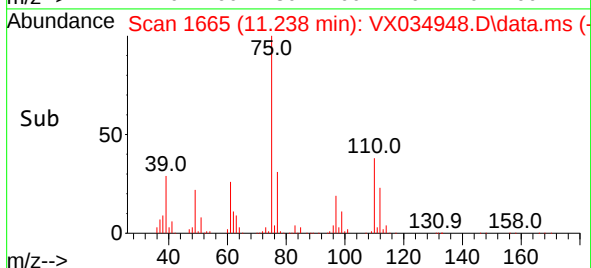
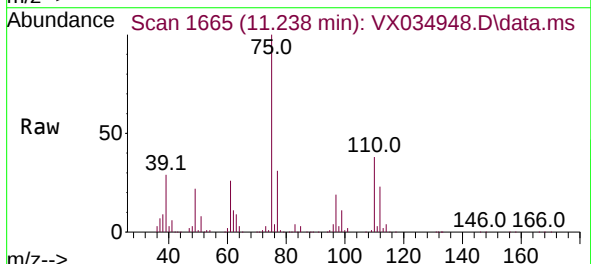
04/07/2023
Supervised By :Mahesh
Dadoda

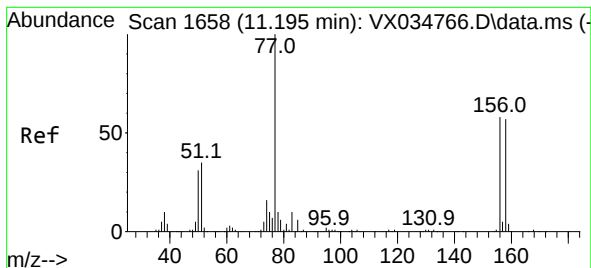
04/07/2023



#72
1,2,3-Trichloropropane
Concen: 17.835 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Tgt Ion: 75 Resp: 86159
Ion Ratio Lower Upper
75 100
77 41.0 0.0 73.8





#73

Bromobenzene

Concen: 19.570 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX034948.D

Acq: 06 Apr 2023 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:	156	Resp:	75880
Ion Ratio	Lower	Upper	
156	100		
77	175.6	0.0	330.8
158	96.4	0.0	193.4

Manual Integrations

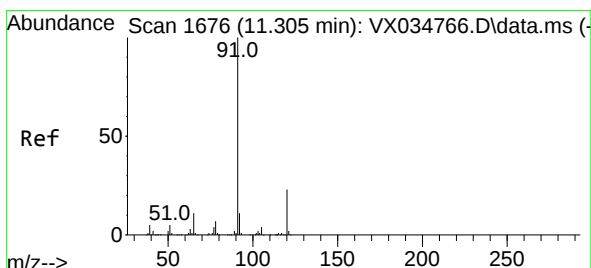
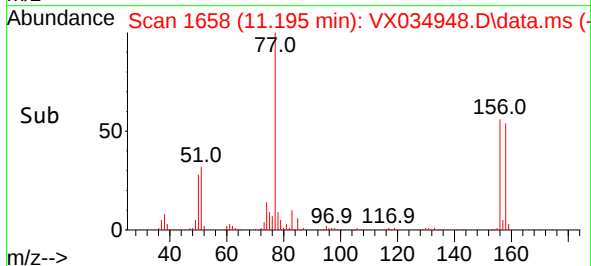
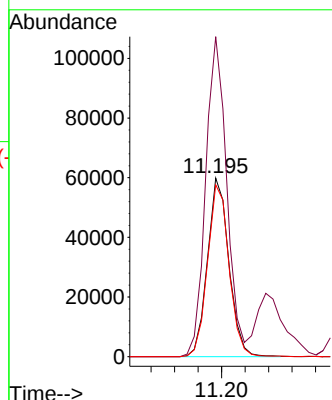
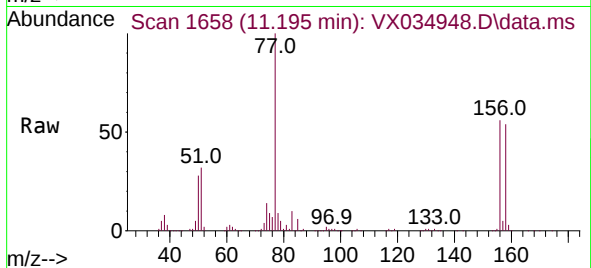
APPROVED

Reviewed By :John
Carlone

04/07/2023

Supervised By :Mahesh
Dadoda

04/07/2023



#74

n-propylbenzene

Concen: 19.647 ug/l

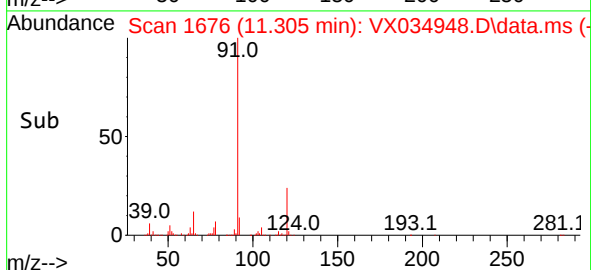
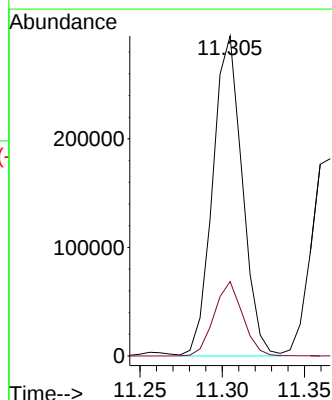
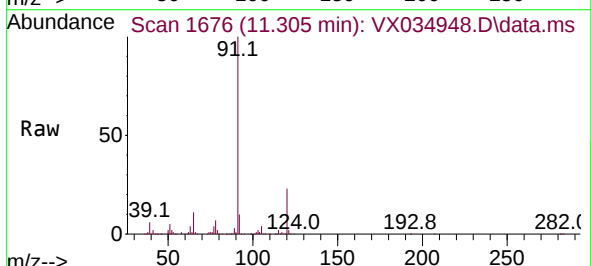
RT: 11.305 min Scan# 1676

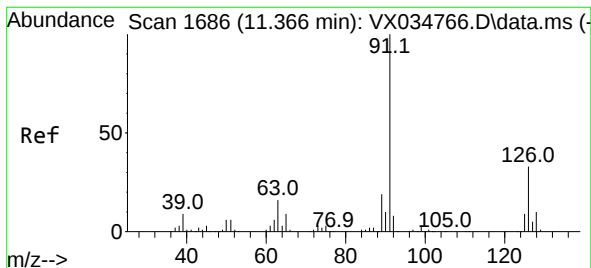
Delta R.T. -0.000 min

Lab File: VX034948.D

Acq: 06 Apr 2023 09:40

Tgt Ion:	91	Resp:	369249
Ion Ratio	Lower	Upper	
91	100		
120	22.4	0.0	44.8





#75
2-Chlorotoluene
Concen: 20.164 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

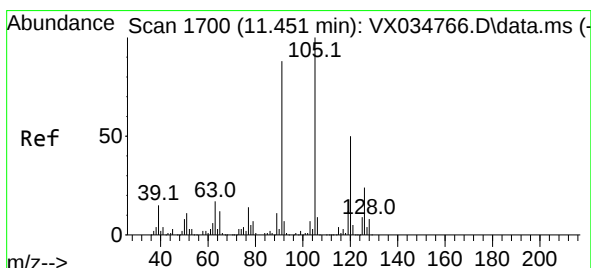
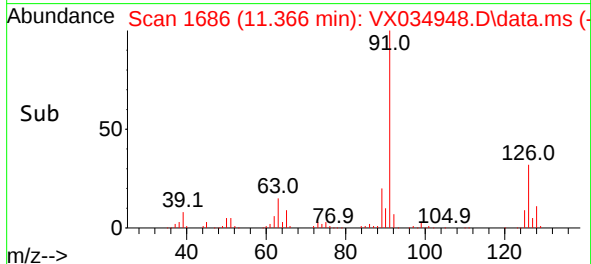
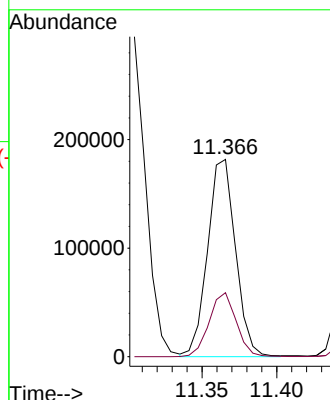
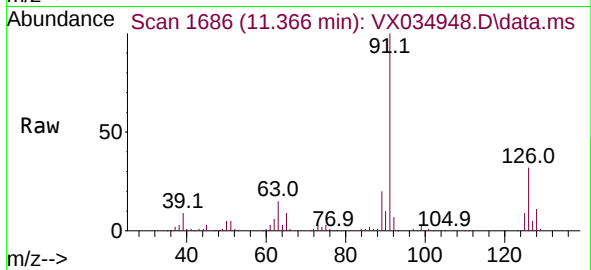
Tgt Ion: 91 Resp: 23625
Ion Ratio Lower Upper
91 100
126 31.5 0.0 66.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

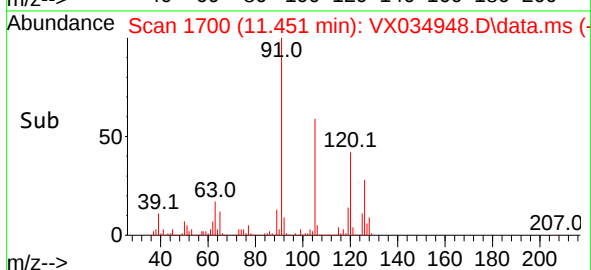
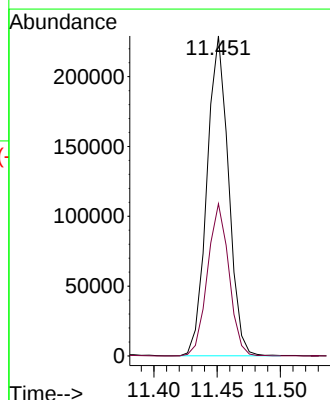
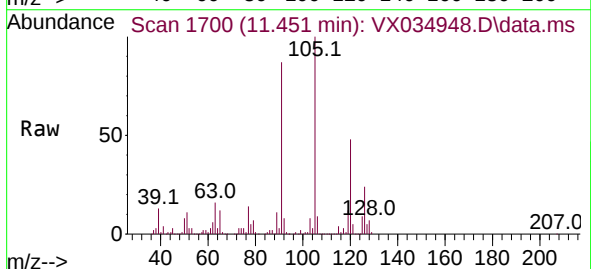
04/07/2023
Supervised By :Mahesh
Dadoda

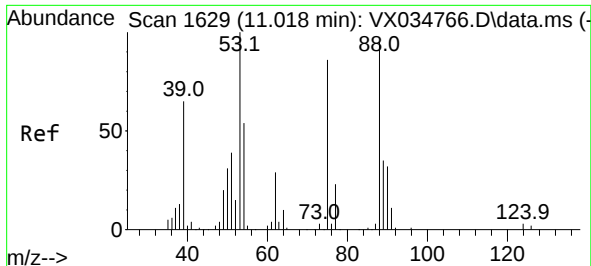
04/07/2023



#76
1,3,5-Trimethylbenzene
Concen: 19.992 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Tgt Ion:105 Resp: 271704
Ion Ratio Lower Upper
105 100
120 47.2 0.0 96.4





#77

t-1,4-Dichloro-2-butene

Concen: 16.954 ug/l

RT: 11.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034948.D

Acq: 06 Apr 2023 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 75	Resp: 2515
Ion Ratio	Lower Upper
75	100
53	121.4 58.2 174.6
89	43.4 20.6 61.8

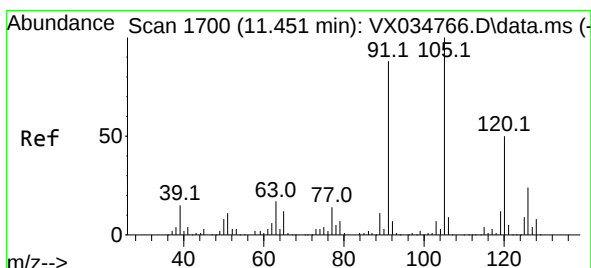
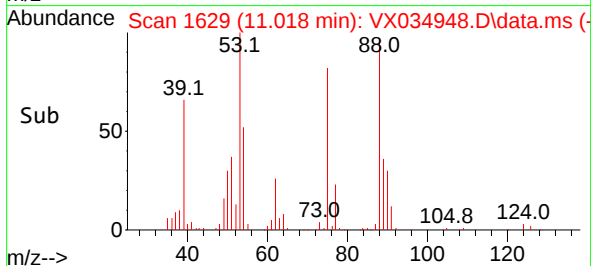
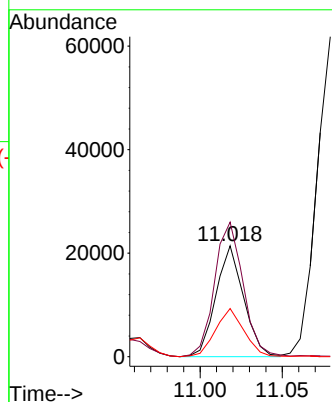
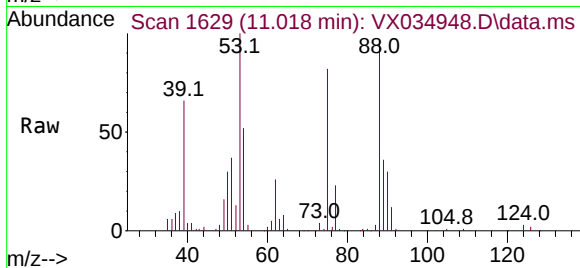
Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/07/2023

Supervised By :Mahesh
Dadoda

04/07/2023



#78

4-Chlorotoluene

Concen: 19.963 ug/l

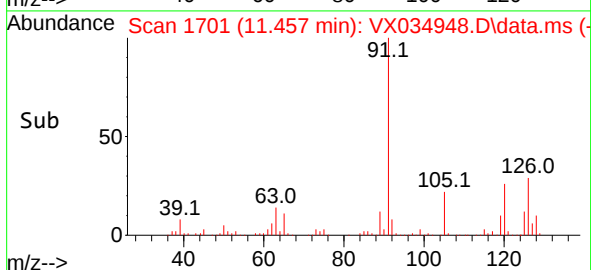
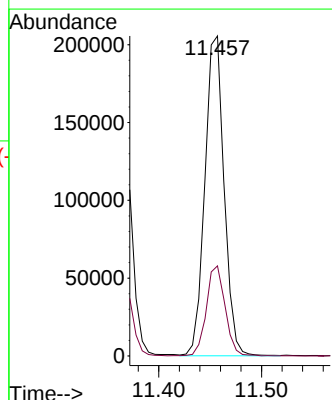
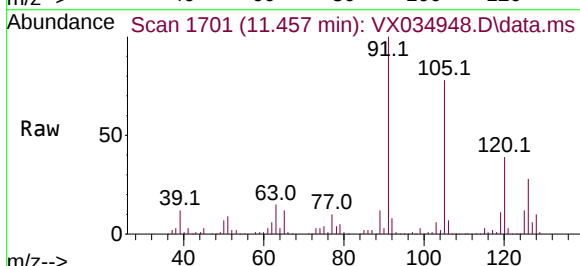
RT: 11.457 min Scan# 1701

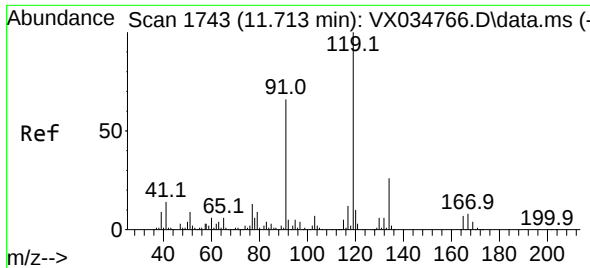
Delta R.T. 0.006 min

Lab File: VX034948.D

Acq: 06 Apr 2023 09:40

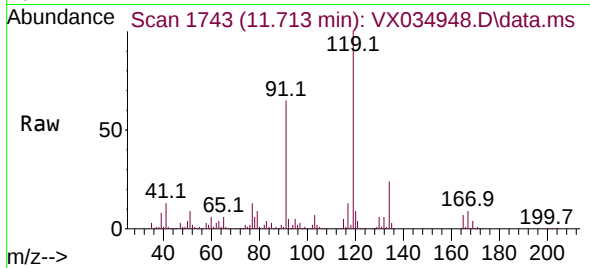
Tgt Ion: 91	Resp: 268155
Ion Ratio	Lower Upper
91	100
126	26.8 0.0 56.8





#79
tert-butylbenzene
Concen: 19.485 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



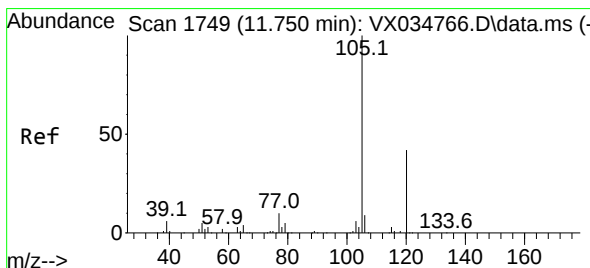
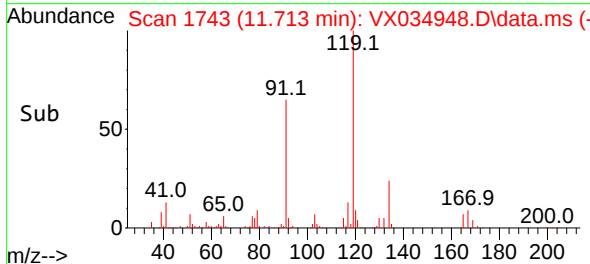
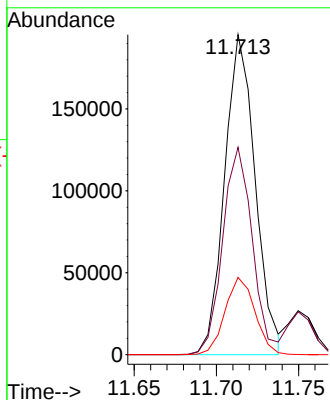
Tgt Ion:119 Resp: 252785
Ion Ratio Lower Upper
119 100
91 62.8 0.0 122.4
134 23.7 0.0 49.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

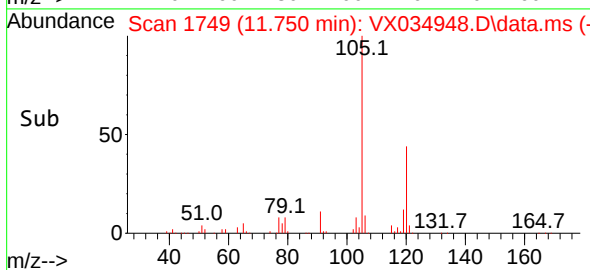
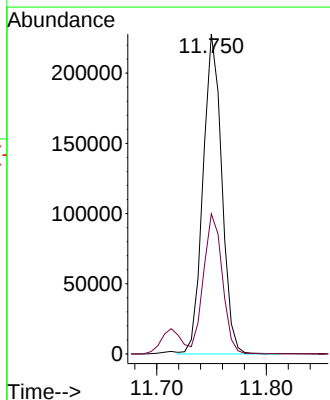
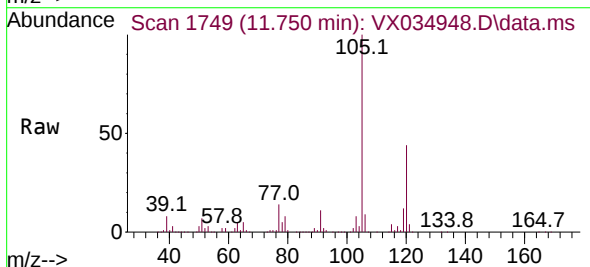
04/07/2023
Supervised By :Mahesh
Dadoda

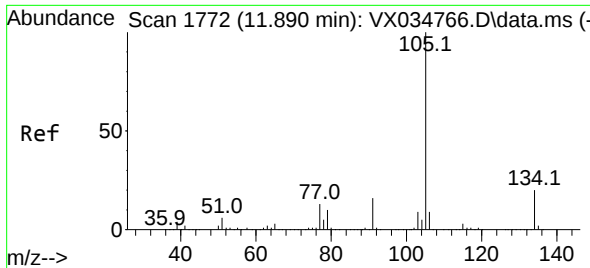
04/07/2023



#80
1,2,4-Trimethylbenzene
Concen: 20.065 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Tgt Ion:105 Resp: 270988
Ion Ratio Lower Upper
105 100
120 43.7 0.0 90.4





#81
 sec-Butylbenzene
 Concen: 19.707 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX034948.D
 Acq: 06 Apr 2023 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:105 Resp: 309798
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 40.2

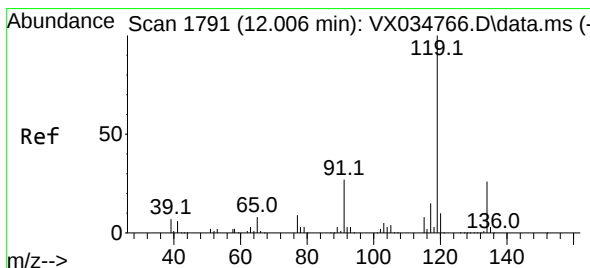
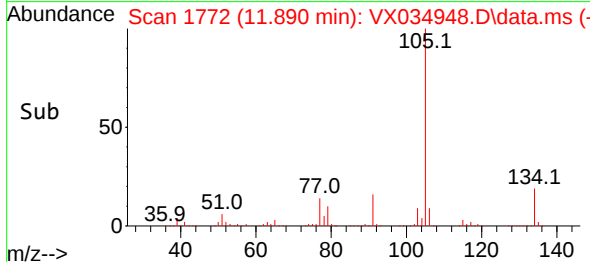
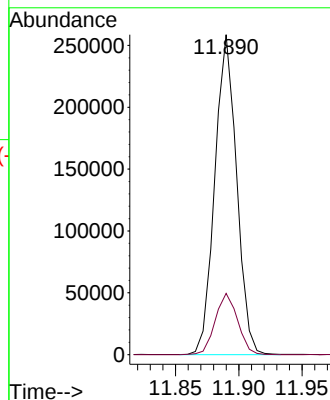
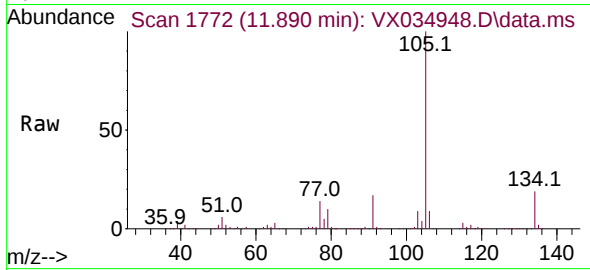
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

04/07/2023

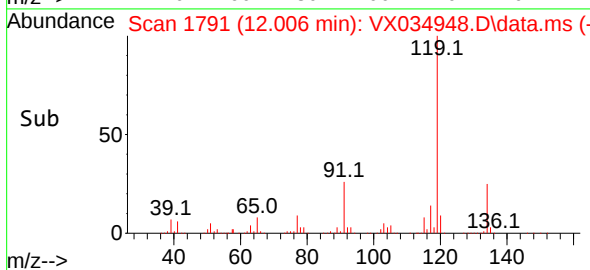
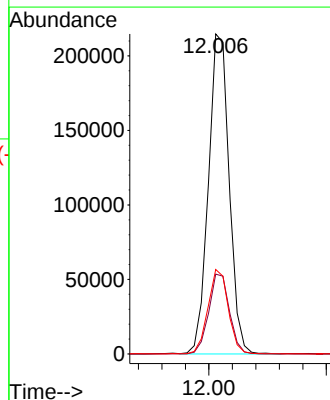
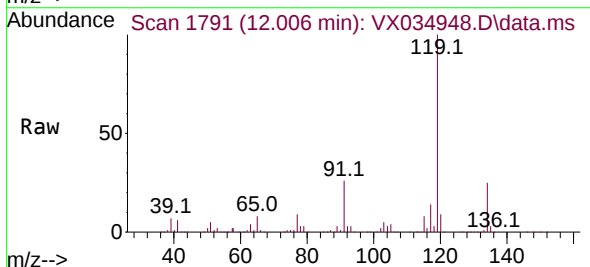
Supervised By :Mahesh
 Dadoda

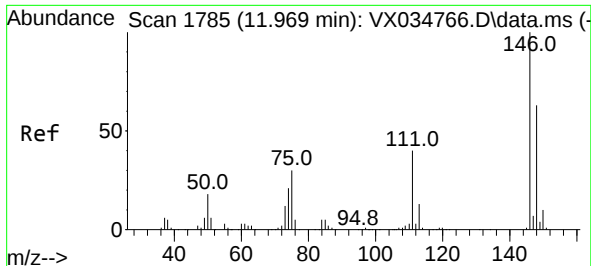
04/07/2023



#82
 p-Isopropyltoluene
 Concen: 19.823 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX034948.D
 Acq: 06 Apr 2023 09:40

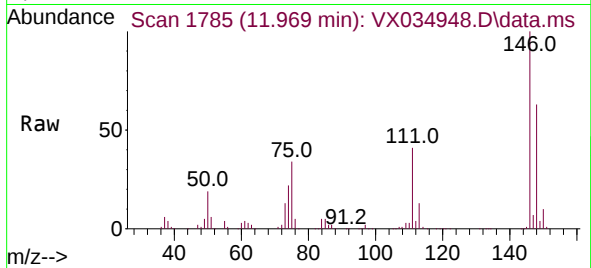
Tgt Ion:119 Resp: 262963
 Ion Ratio Lower Upper
 119 100
 134 24.9 0.0 52.2
 91 25.9 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 19.476 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



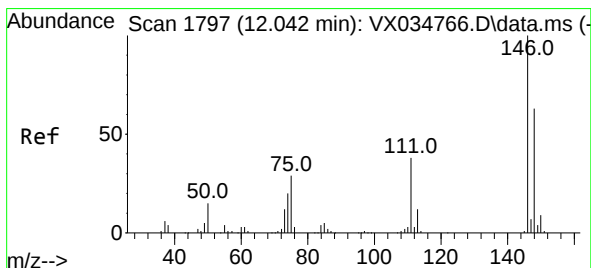
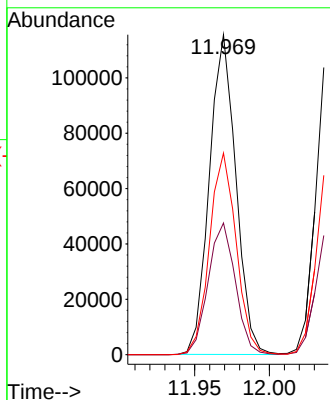
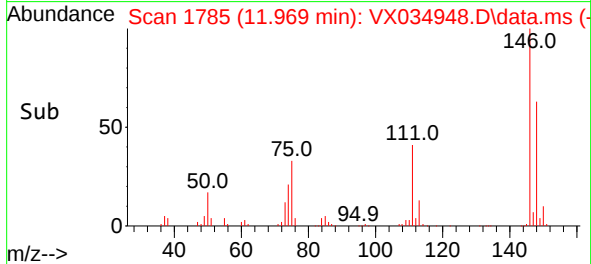
Tgt Ion:146 Resp: 142607
Ion Ratio Lower Upper
146 100
111 41.9 20.6 61.9
148 63.6 31.6 94.7

Manual Integrations
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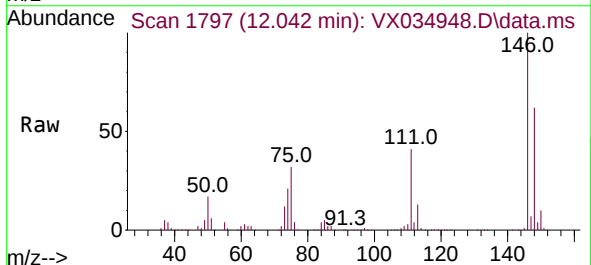
Reviewed By :John
Carlone

04/07/2023
Supervised By :Mahesh
Dadoda

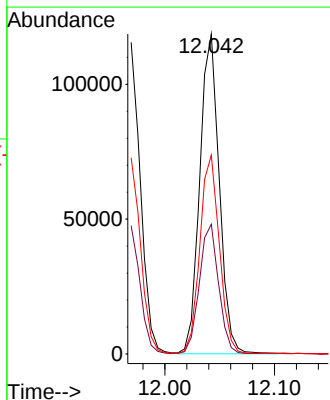
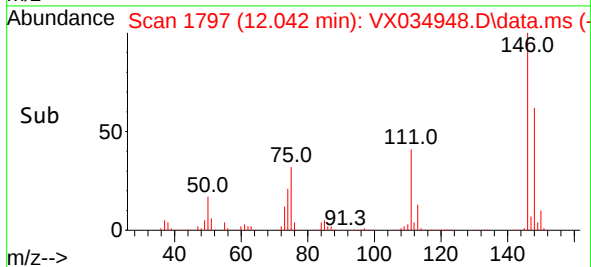
04/07/2023

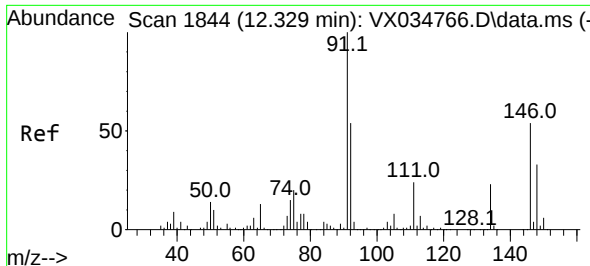


#84
1,4-Dichlorobenzene
Concen: 19.927 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40



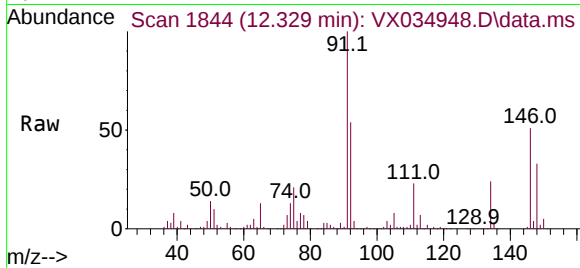
Tgt Ion:146 Resp: 146521
Ion Ratio Lower Upper
146 100
111 40.0 20.3 60.9
148 62.2 31.8 95.3





#85
n-Butylbenzene
Concen: 19.732 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



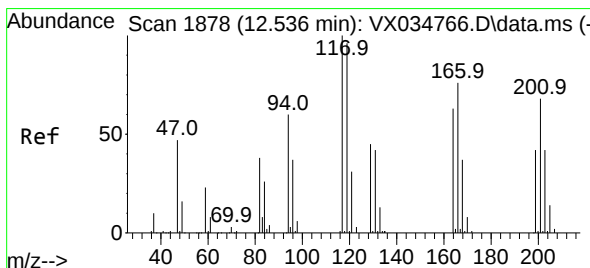
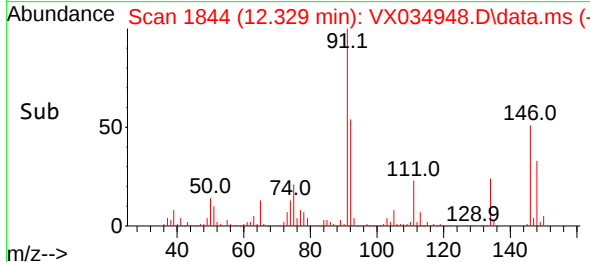
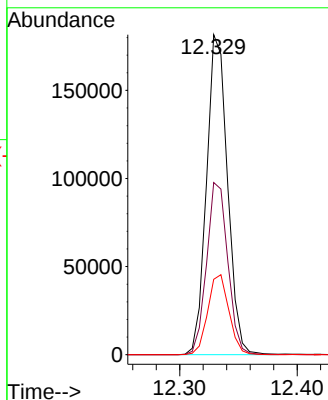
Tgt Ion: 91 Resp: 22559
Ion Ratio Lower Upper
91 100
92 54.3 0.0 107.6
134 25.2 0.0 49.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

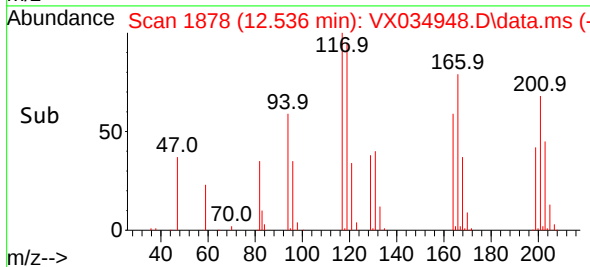
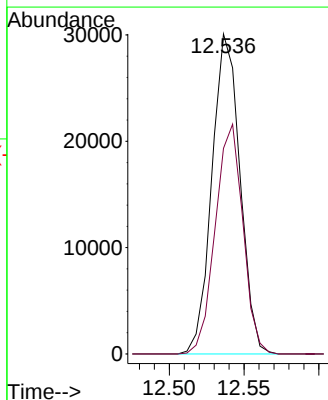
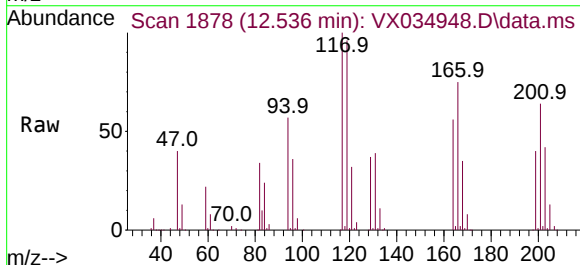
04/07/2023
Supervised By :Mahesh
Dadoda

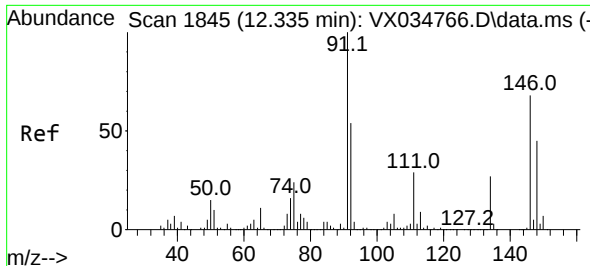
04/07/2023



#86
Hexachloroethane
Concen: 18.058 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Tgt Ion:117 Resp: 39236
Ion Ratio Lower Upper
117 100
201 70.6 35.4 106.2





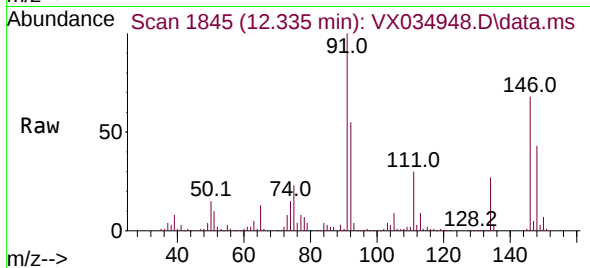
#87
1,2-Dichlorobenzene
Concen: 19.644 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



Tgt Ion:146 Resp: 140744
Ion Ratio Lower Upper
146 100
111 44.5 21.3 64.0
148 63.8 31.7 95.1

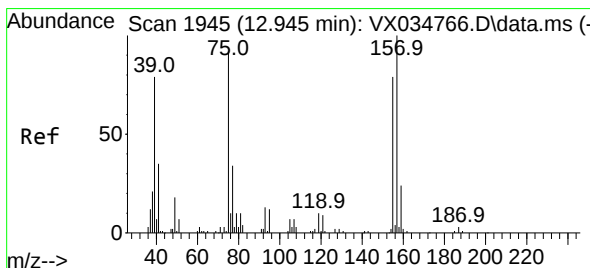
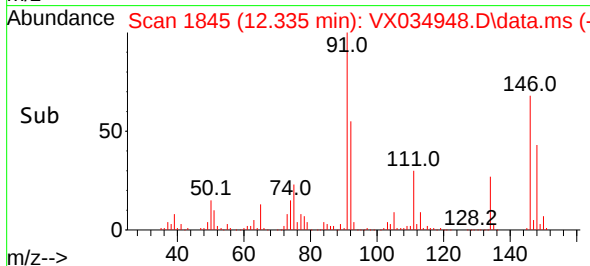
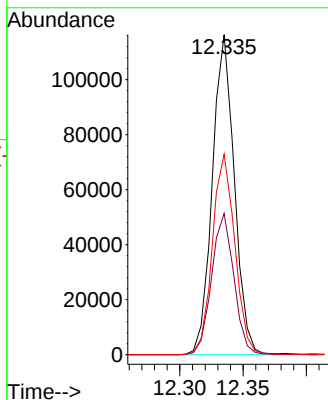
Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/07/2023

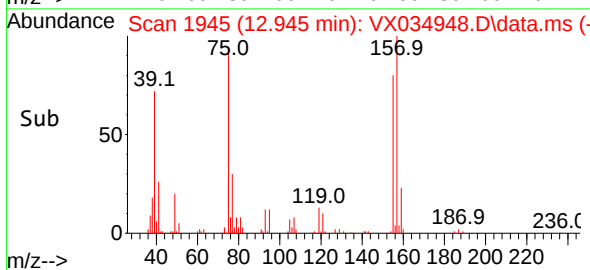
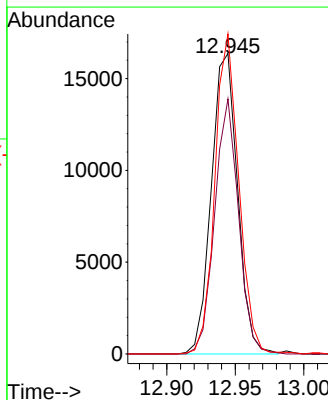
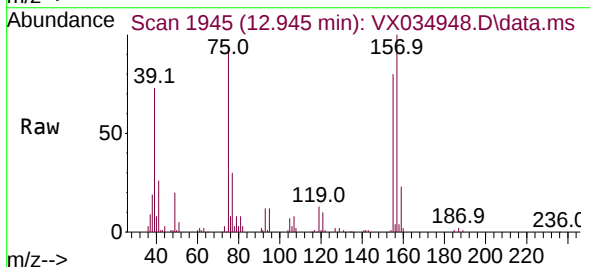
Supervised By :Mahesh
Dadoda

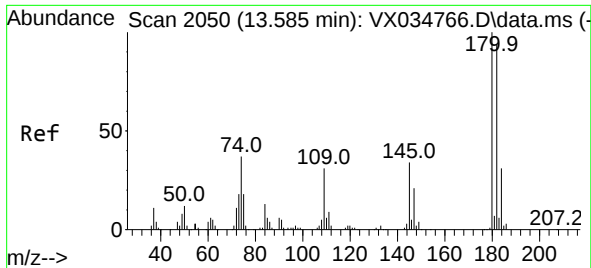
04/07/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.806 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Tgt Ion: 75 Resp: 21809
Ion Ratio Lower Upper
75 100
155 77.1 63.7 95.5
157 96.7 83.7 125.5





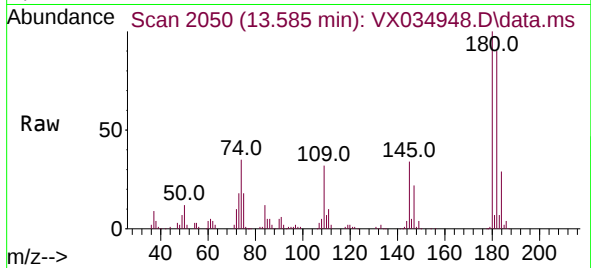
#89
1,2,4-Trichlorobenzene
Concen: 19.670 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



Tgt Ion:180 Resp: 84544
Ion Ratio Lower Upper
180 100
182 93.0 75.8 113.8
145 32.6 25.8 38.6

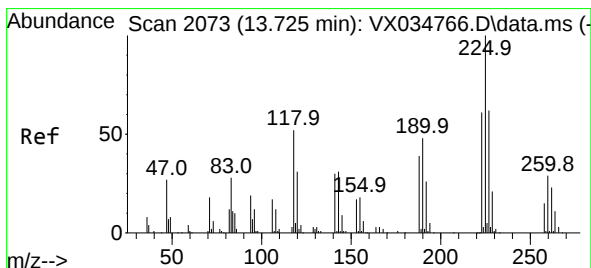
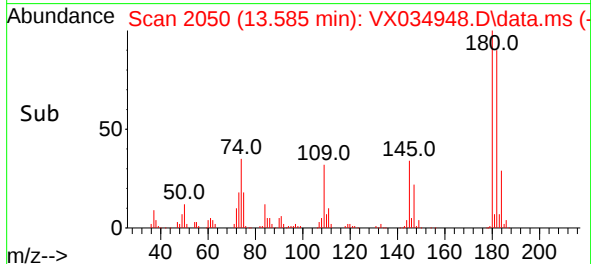
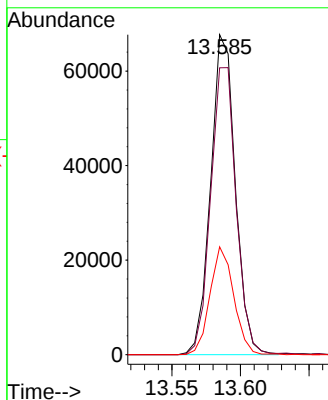
Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/07/2023

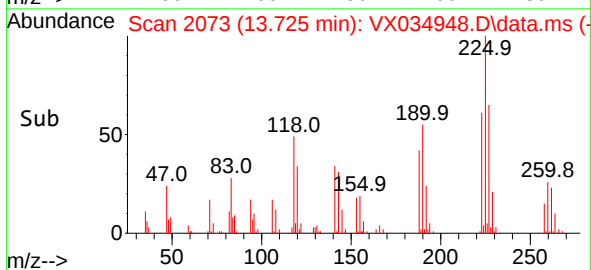
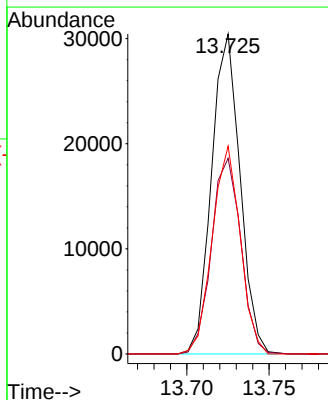
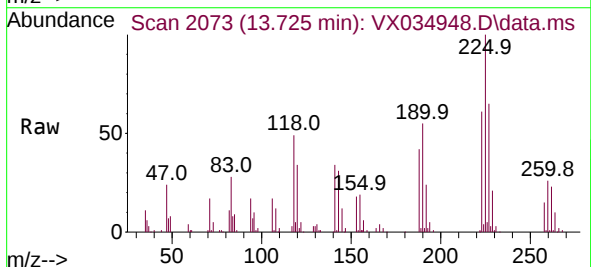
Supervised By :Mahesh
Dadoda

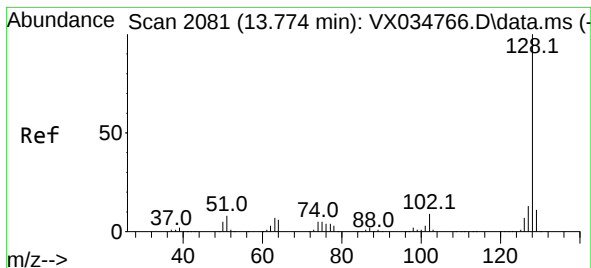
04/07/2023



#90
Hexachlorobutadiene
Concen: 22.186 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

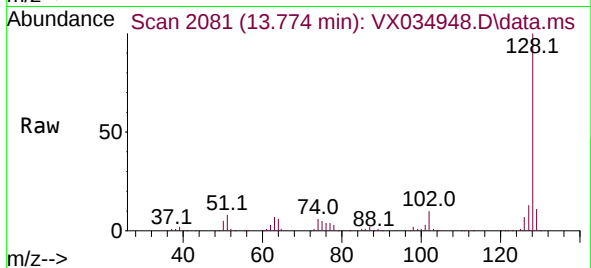
Tgt Ion:225 Resp: 36775
Ion Ratio Lower Upper
225 100
223 63.0 0.0 124.2
227 63.7 0.0 122.8





#91
Naphthalene
Concen: 19.329 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



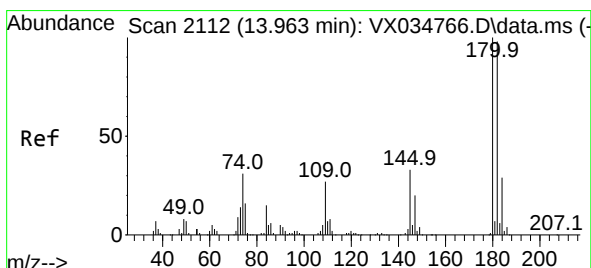
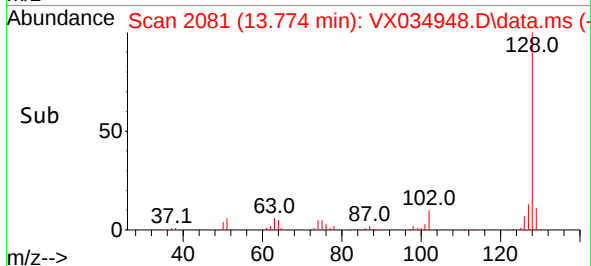
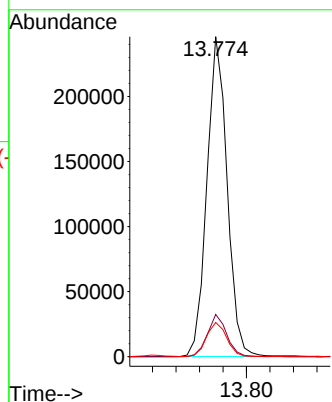
Tgt Ion:128 Resp: 293530
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

04/07/2023
Supervised By :Mahesh
Dadoda

04/07/2023



#92
1,2,3-Trichlorobenzene
Concen: 19.895 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX034948.D
Acq: 06 Apr 2023 09:40

Tgt Ion:180 Resp: 85485
Ion Ratio Lower Upper
180 100
182 95.2 0.0 191.0
145 35.5 0.0 66.8

