

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
 Data File : VX031401.D
 Acq On : 16 Sep 2022 11:03
 Operator : JC/MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC050

Quant Time: Sep 16 12:35:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X091622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 09 02:10:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

09/17/2022
 Supervised By :Mahesh
 Dadoda

09/19/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	Qvalue
Internal Standards							
1) Bromochloromethane	4.897	128	14402	30.000	ug/l	0.00	
28) 1,4-Difluorobenzene	6.763	114	79311	30.000	ug/l	0.00	
57) Chlorobenzene-d5	10.055	117	76305	30.000	ug/l	0.00	
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	5.958	65	39763	33.859	ug/l	0.00	
Spiked Amount	30.000	Range	91 - 110	Recovery	= 112.867%#		
60) 4-Bromofluorobenzene	11.079	95	44343	30.836	ug/l	0.00	
Spiked Amount	30.000	Range	63 - 112	Recovery	= 102.800%		
63) Toluene-d8	8.653	98	126014	30.456	ug/l	0.00	
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.533%		
Target Compounds							
2) Dichlorodifluoromethane	1.166	85	38697	39.293	ug/l		96
3) Chloromethane	1.288	50	54078	52.658	ug/l		98
4) Vinyl Chloride	1.374	62	64756	55.646	ug/l		99
5) Bromomethane	1.611	94	83853	174.894	ug/l		99
6) Chloroethane	1.684	64	85326	136.916	ug/l		99
7) Trichlorofluoromethane	1.886	101	150660	102.134	ug/l		99
8) Diethyl Ether	2.136	74	50537	80.547	ug/l		89
9) 1,1,2-Trichlorotrifluo...	2.331	101	51128	51.475	ug/l		92
10) 1,1-Dichloroethene	2.318	96	48282	47.606	ug/l		97
11) Methyl Iodide	2.453	142	59213	56.561	ug/l		98
12) Methyl Acetate	2.709	43	75683	45.820	ug/l		97
13) Acrolein	2.239	56	45364	233.785	ug/l		98
14) Acrylonitrile	3.068	53	154964	217.986	ug/l		99
15) Acetone	2.386	58	41114	212.913	ug/l		95
16) Carbon Disulfide	2.514	76	125775	47.506	ug/l		99
17) Allyl chloride	2.666	41	80229	44.888	ug/l		87
18) Methylene Chloride	2.788	84	55030	46.573	ug/l		94
19) trans-1,2-Dichloroethene	3.093	96	55858	50.752	ug/l		94
20) Diisopropyl ether	3.763	45	182370	50.935	ug/l		92
21) 1,1-Dichloroethane	3.611	63	98653	51.181	ug/l		99
22) cis-1,2-Dichloroethene	4.489	96	66111	50.587	ug/l		98
23) tert-Butyl Alcohol	2.995	59	71287	218.896	ug/l	#	100
24) Methyl tert-Butyl Ether	3.117	73	182475	55.771	ug/l		97
25) Chloroform	5.098	83	110691	57.621	ug/l		91
26) Cyclohexane	5.470	56	88721	49.678	ug/l	#	98
29) 1,1-Dichloropropene	5.696	75	79319	58.462	ug/l		100
30) 2-Butanone	4.562	43	225282	246.003	ug/l		100
31) 2,2-Dichloropropane	4.477	77	91082	70.239	ug/l		99
32) 1,1,1-Trichloroethane	5.385	97	100048	68.579	ug/l		97
33) Carbon Tetrachloride	5.678	117	88420	72.162	ug/l		97
34) Benzene	6.043	78	236172	54.168	ug/l		98
35) Methacrylonitrile	4.922	41	45914	49.533	ug/l		84
36) 1,2-Dichloroethane	6.092	62	89335	67.309	ug/l		100
37) Trichloroethene	7.129	130	64810	55.581	ug/l		96
38) Methylcyclohexane	7.385	83	92753	52.686	ug/l		98
39) 1,2-Dichloropropane	7.433	63	58469	52.681	ug/l		99
40) Dibromomethane	7.586	93	45051	59.883	ug/l		89
41) Bromodichloromethane	7.824	83	86989	64.730	ug/l		98
42) Vinyl Acetate	3.721	43	810346	276.703	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.720	43	89670	51.982	ug/l	100
44) Isopropyl Acetate	6.342	43	148840	56.797	ug/l	94
45) 1,4-Dioxane	7.689	88	32543	1057.860	ug/l	93
46) Methyl methacrylate	7.696	41	66349	53.427	ug/l	89
47) n-amyl Acetate	10.841	43	137038	60.873	ug/l	95
48) t-1,3-Dichloropropene	8.976	75	96581	65.032	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	100078	60.010	ug/l	94
50) 1,1,2-Trichloroethane	9.153	97	64330	57.718	ug/l	97
51) Ethyl methacrylate	9.116	69	98203	56.621	ug/l	92
52) 1,3-Dichloropropane	9.311	76	107264	59.829	ug/l	100
53) Dibromochloromethane	9.524	129	72109	69.900	ug/l	100
54) 1,2-Dibromoethane	9.610	107	70505	60.917	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	252388	282.296	ug/l	98
56) Bromoform	10.799	173	52469	72.656	ug/l	97
58) 4-Methyl-2-Pentanone	8.573	43	484982	257.312	ug/l	98
59) 2-Hexanone	9.433	43	374611	256.970	ug/l	98
61) Tetrachloroethene	9.275	164	64211	56.045	ug/l	94
62) Toluene	8.720	91	277073	54.586	ug/l	97
64) Chlorobenzene	10.079	112	172000	56.740	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.165	131	63783	60.340	ug/l	97
66) Ethyl Benzene	10.195	91	312202	57.879	ug/l	99
67) m/p-Xylenes	10.305	106	259367	123.912	ug/l	99
68) o-Xylene	10.640	106	123316	59.162	ug/l	99
69) Styrene	10.658	104	211899	61.432	ug/l	98
70) Isopropylbenzene	10.963	105	327587	62.421	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	105188	55.117	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	95430m	55.629	ug/l	
73) Bromobenzene	11.201	156	77664	61.714	ug/l	99
74) n-propylbenzene	11.305	91	394844	62.719	ug/l	98
75) 2-Chlorotoluene	11.366	91	232003	62.581	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	311759	70.755	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	33531	56.828	ug/l	87
78) 4-Chlorotoluene	11.457	91	297804	71.574	ug/l	98
79) tert-butylbenzene	11.719	119	289838	67.617	ug/l	100
80) 1,2,4-Trimethylbenzene	11.756	105	307220	67.821	ug/l	99
81) sec-Butylbenzene	11.890	105	373594	64.389	ug/l	100
82) p-Isopropyltoluene	12.012	119	319110	68.318	ug/l	96
83) 1,3-Dichlorobenzene	11.969	146	163536	67.167	ug/l	98
84) 1,4-Dichlorobenzene	12.042	146	173141	70.118	ug/l	99
85) n-Butylbenzene	12.335	91	278451	63.526	ug/l	97
86) Hexachloroethane	12.542	117	51804	66.753	ug/l	89
87) 1,2-Dichlorobenzene	12.335	146	166116	69.093	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	23335	53.616	ug/l	92
89) 1,2,4-Trichlorobenzene	13.591	180	86886	58.368	ug/l	97
90) Hexachlorobutadiene	13.725	225	31079	55.052	ug/l	99
91) Naphthalene	13.774	128	317571	53.523	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	84994	56.055	ug/l	98

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

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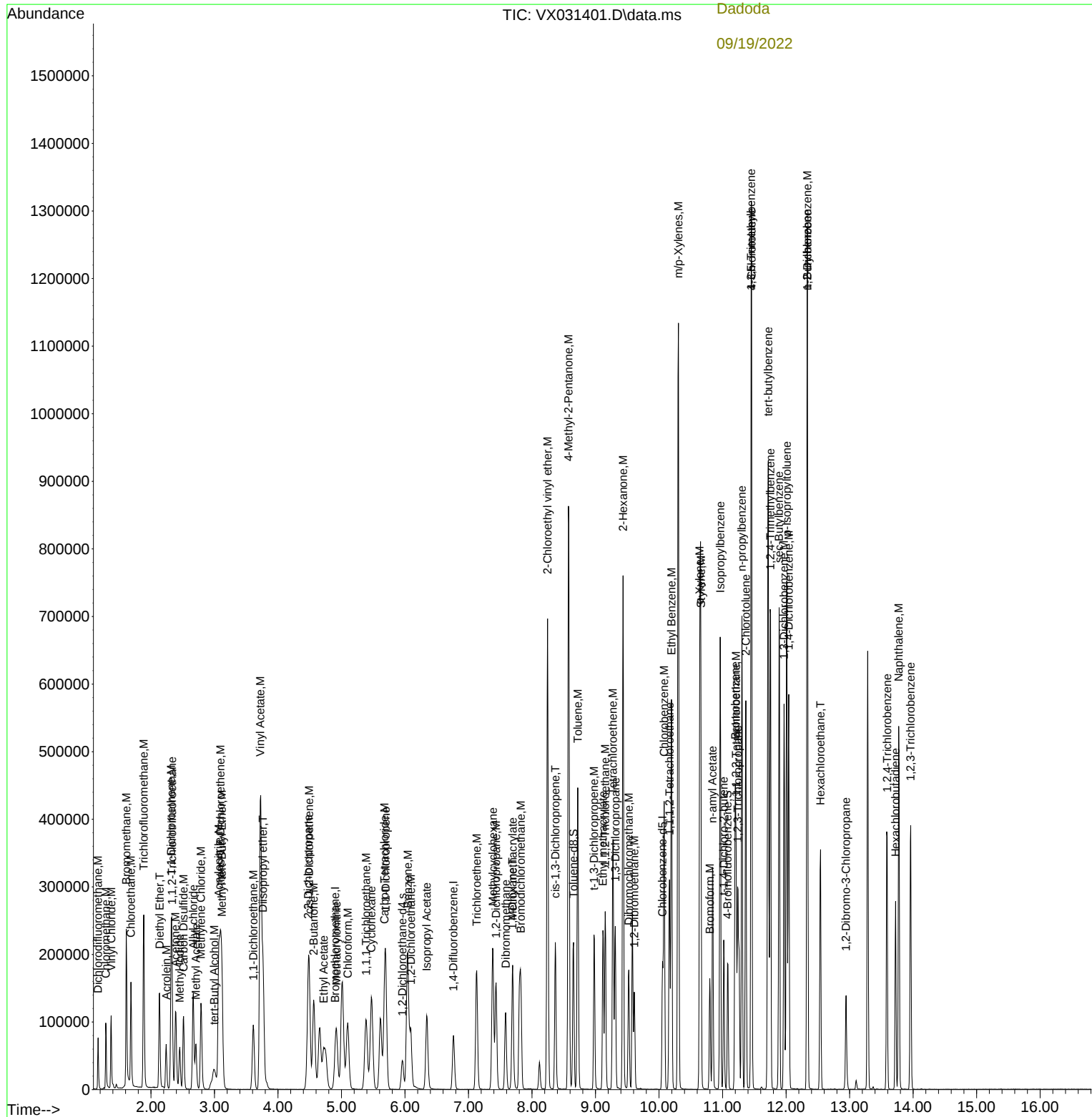
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

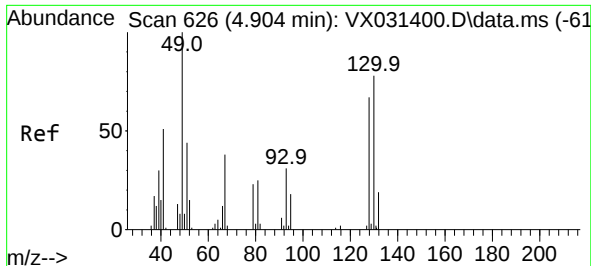
Manual Integrations APPROVED

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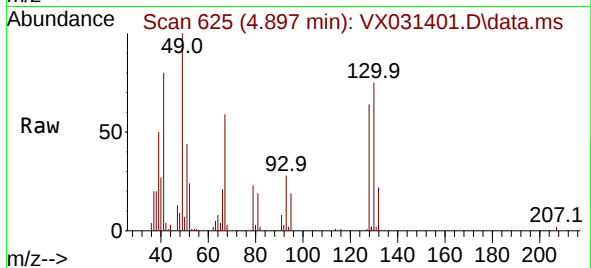
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



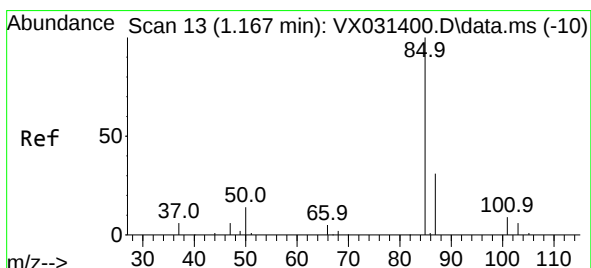
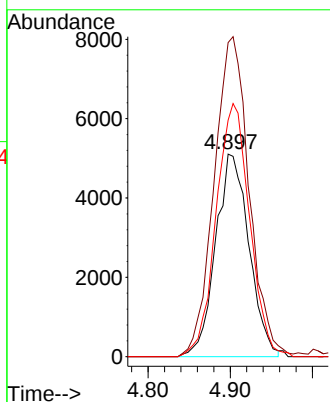
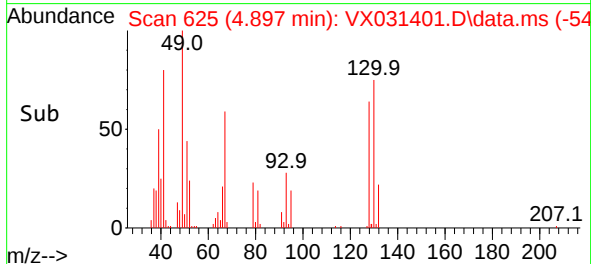
Tgt Ion:128 Resp: 1440
Ion Ratio Lower Upper
128 100
49 165.8 0.0 358.3
130 126.0 0.0 319.3

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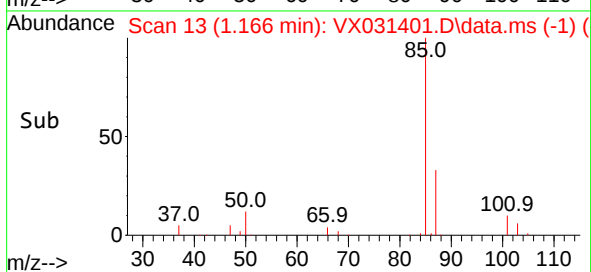
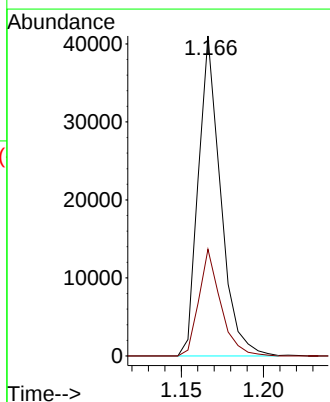
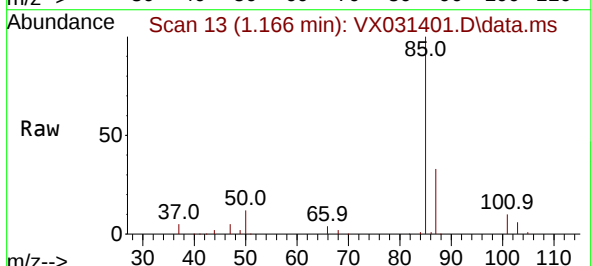
09/17/2022
Supervised By :Mahesh
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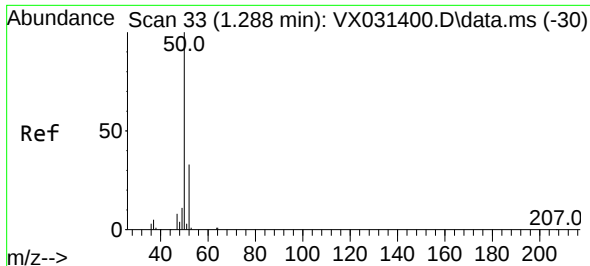
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#2
Dichlorodifluoromethane
Concen: 39.293 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

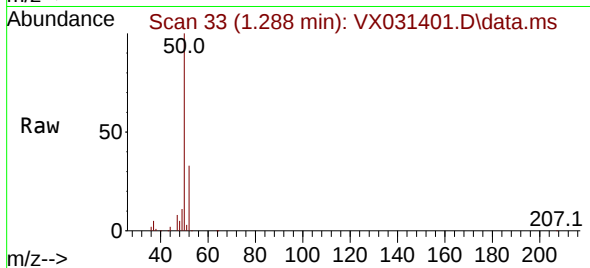
Tgt Ion: 85 Resp: 38697
Ion Ratio Lower Upper
85 100
87 33.4 15.6 46.8





#3
Chloromethane
Concen: 52.658 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



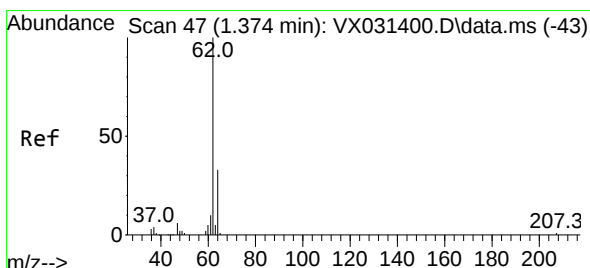
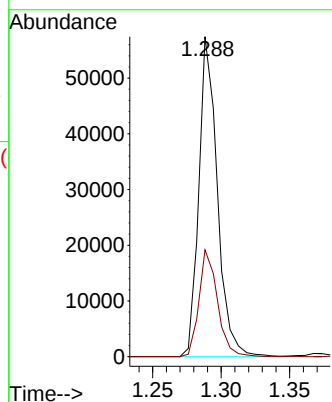
Tgt Ion: 50 Resp: 54078
Ion Ratio Lower Upper
50 100
52 33.4 25.6 38.4

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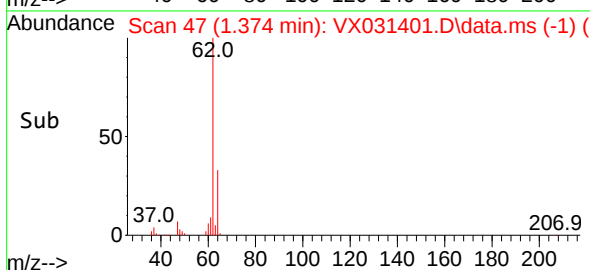
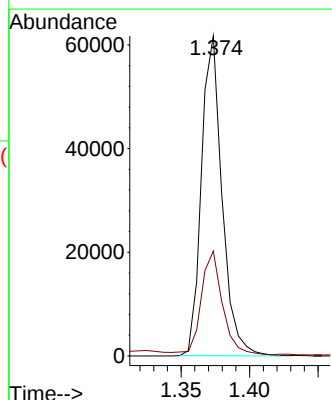
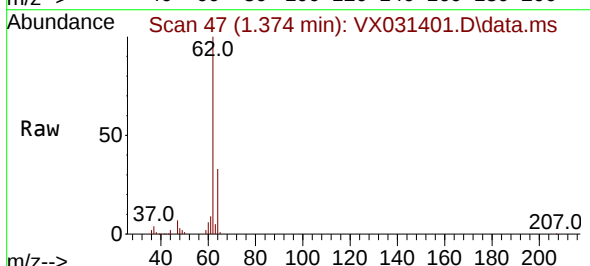
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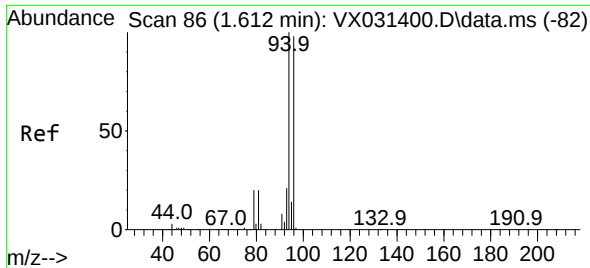
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#4
Vinyl Chloride
Concen: 55.646 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Tgt Ion: 62 Resp: 64756
Ion Ratio Lower Upper
62 100
64 32.3 26.2 39.2





#5
Bromomethane
Concen: 174.894 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

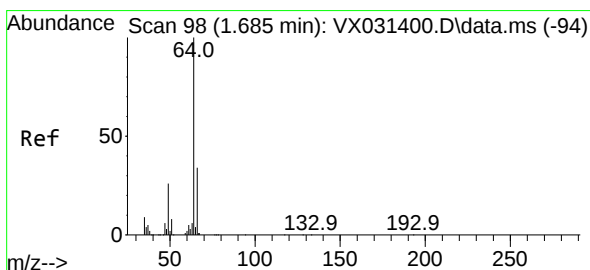
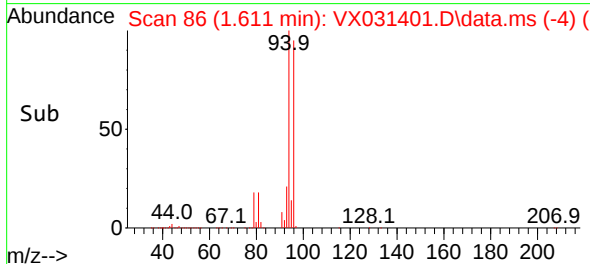
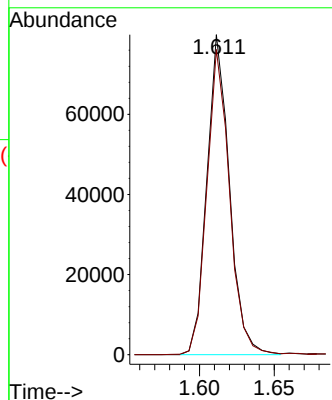
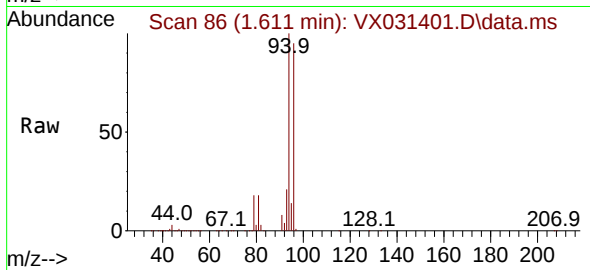
Tgt Ion: 94 Resp: 8385
Ion Ratio Lower Upper
94 100
96 95.2 77.0 115.6

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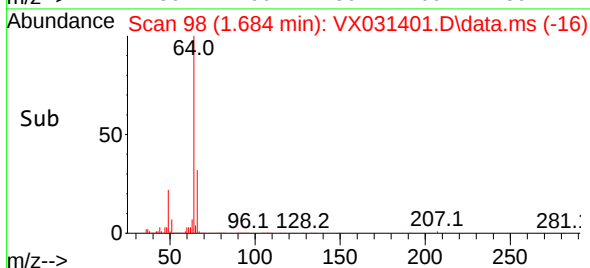
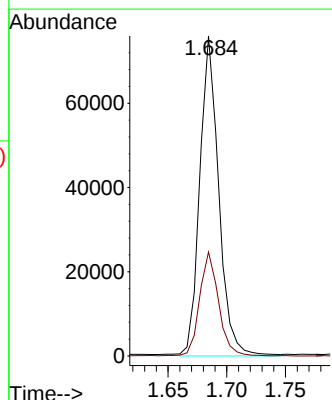
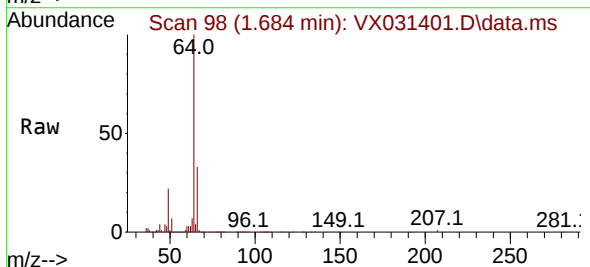
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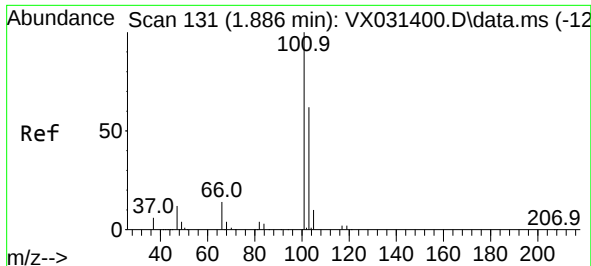
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#6
Chloroethane
Concen: 136.916 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

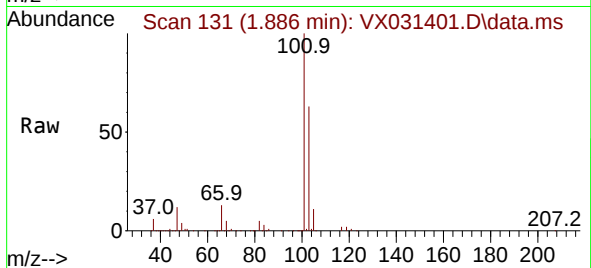
Tgt Ion: 64 Resp: 85326
Ion Ratio Lower Upper
64 100
66 32.5 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 102.134 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. -0.000 min
 Lab File: VX031401.D
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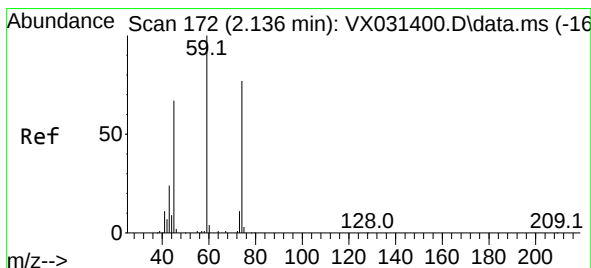
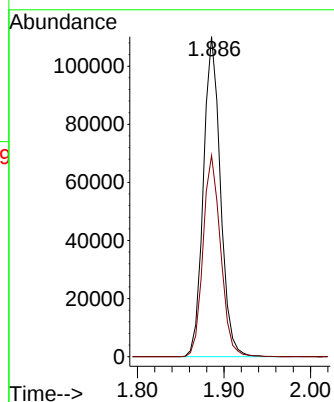
Tgt Ion:101 Resp: 150660
 Ion Ratio Lower Upper
 101 100
 103 62.9 49.6 74.4

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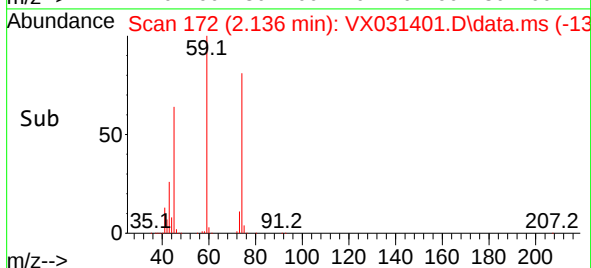
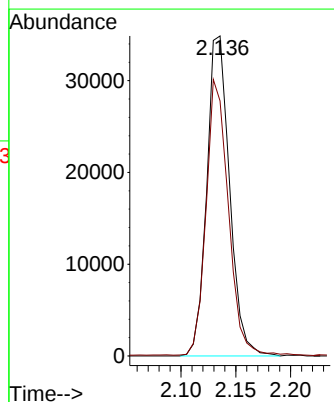
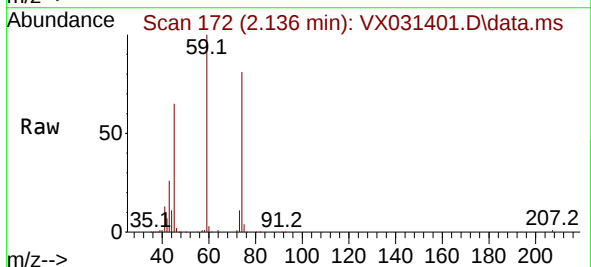
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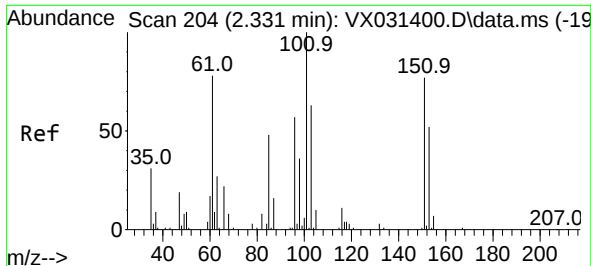
09/19/2022



#8
 Diethyl Ether
 Concen: 80.547 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX031401.D
 Acq: 16 Sep 2022 11:03

Tgt Ion: 74 Resp: 50537
 Ion Ratio Lower Upper
 74 100
 45 83.4 18.7 168.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.475 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX031401.D
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Instrument :
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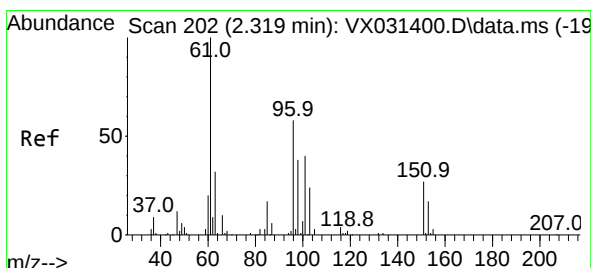
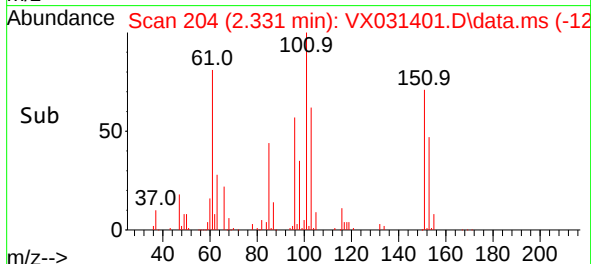
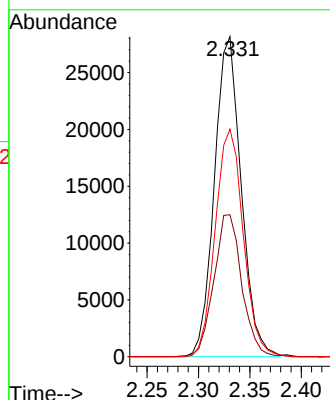
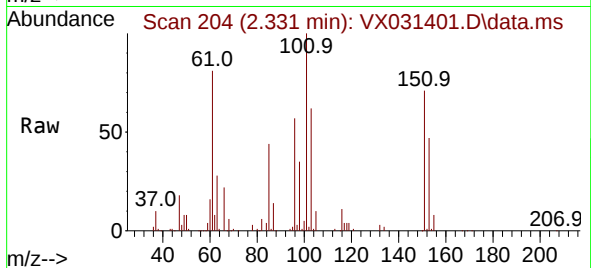
Tgt Ion:101 Resp: 51128
Ion Ratio Lower Upper
101 100
85 46.1 0.0 84.6
151 74.2 0.0 165.4

Manual Integrations
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Reviewed By :John
Carlone

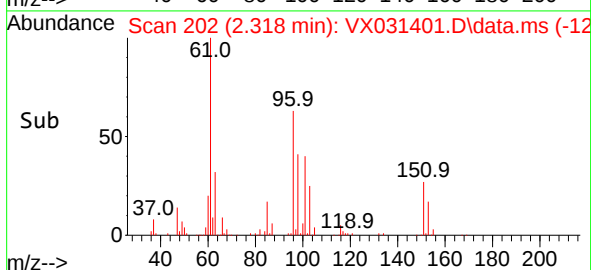
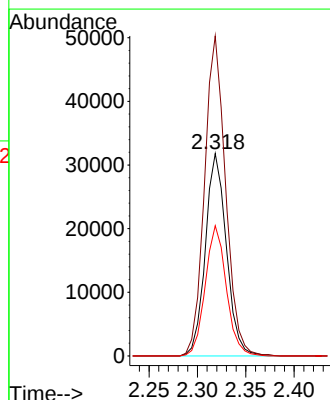
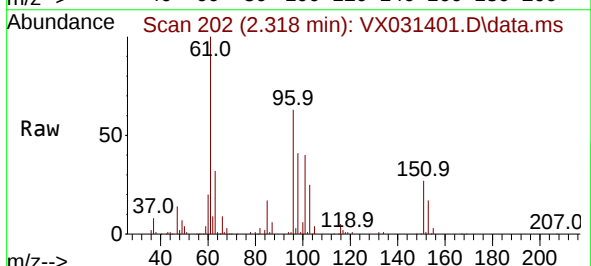
09/17/2022
Supervised By :Mahesh
Dadoda

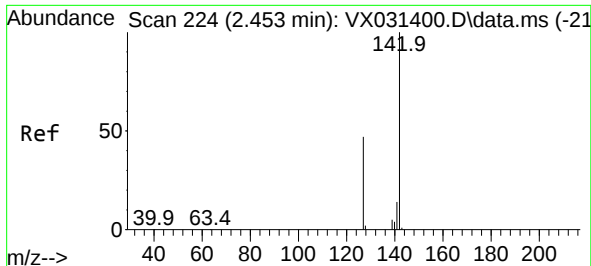
09/19/2022



#10
1,1-Dichloroethene
Concen: 47.606 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

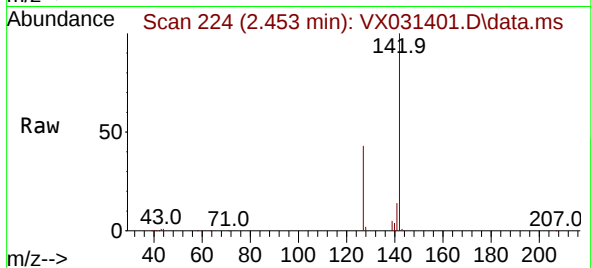
Tgt Ion: 96 Resp: 48282
Ion Ratio Lower Upper
96 100
61 158.1 122.6 183.8
98 64.4 50.1 75.1





#11
Methyl Iodide
Concen: 56.561 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



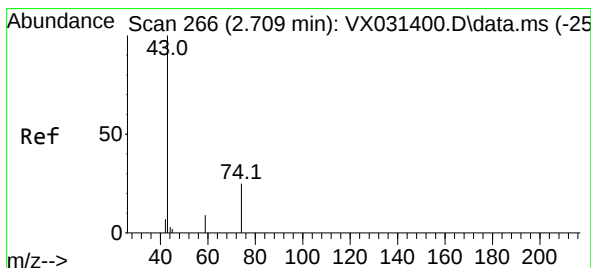
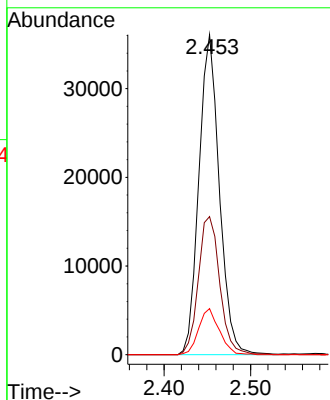
Tgt Ion:142 Resp: 5921
Ion Ratio Lower Upper
142 100
127 43.2 22.3 66.9
141 14.4 7.0 20.9

Manual Integrations
APPROVED

Reviewed By :John
Carlone

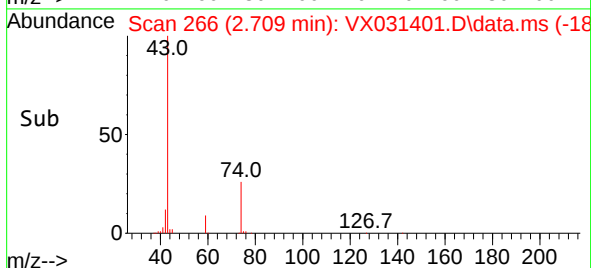
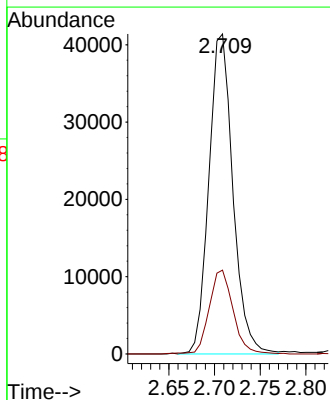
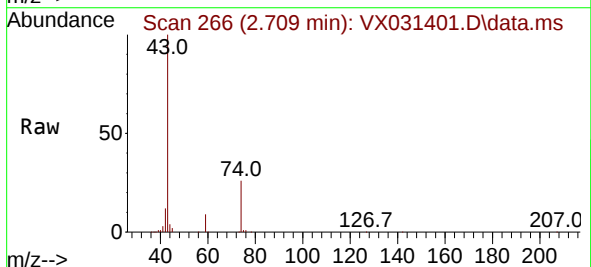
09/17/2022
Supervised By :Mahesh
Dadoda

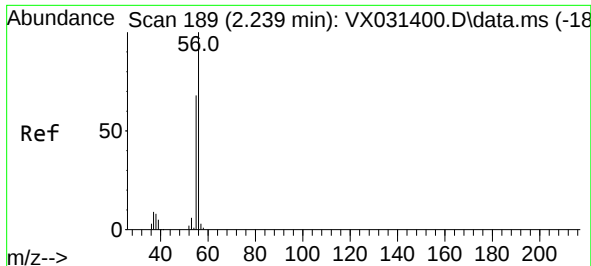
09/19/2022



#12
Methyl Acetate
Concen: 45.820 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

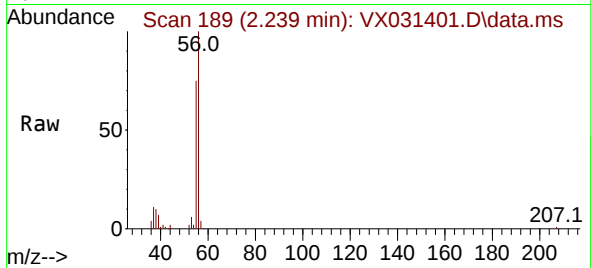
Tgt Ion: 43 Resp: 75683
Ion Ratio Lower Upper
43 100
74 26.1 22.1 33.1





#13
Acrolein
Concen: 233.785 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



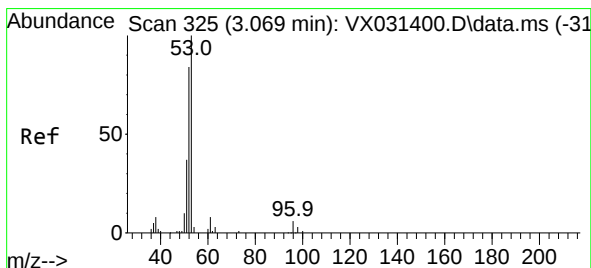
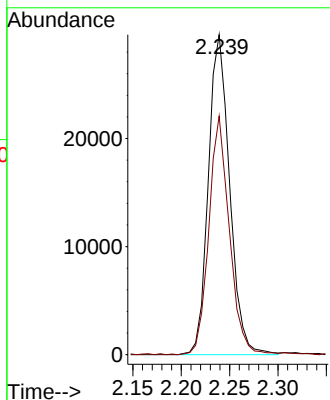
Tgt Ion: 56 Resp: 45364
Ion Ratio Lower Upper
56 100
55 71.8 56.4 84.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

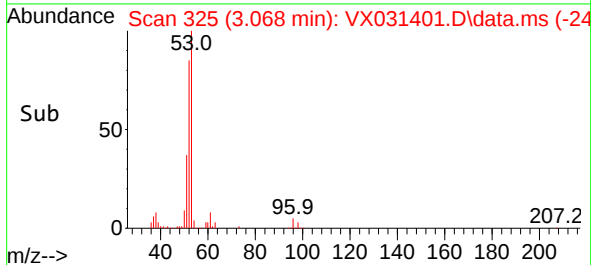
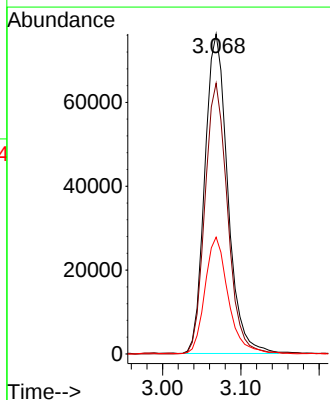
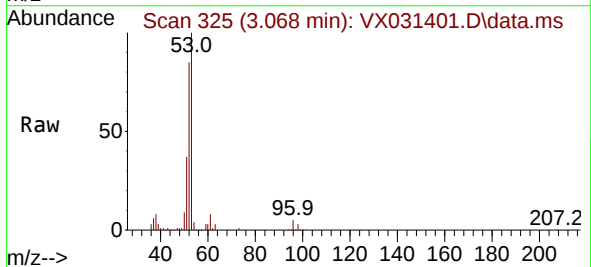
09/17/2022
Supervised By :Mahesh
Dadoda

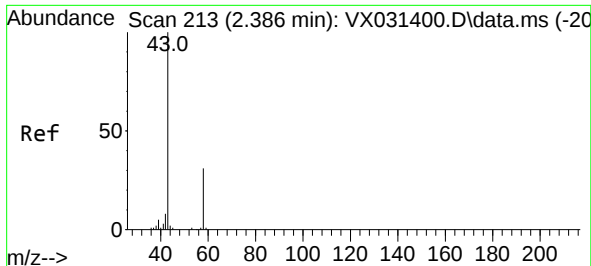
09/19/2022



#14
Acrylonitrile
Concen: 217.986 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

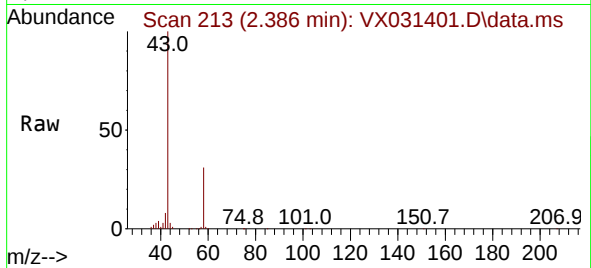
Tgt Ion: 53 Resp: 154964
Ion Ratio Lower Upper
53 100
52 83.7 41.5 124.5
51 37.3 18.1 54.4





#15
Acetone
Concen: 212.913 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



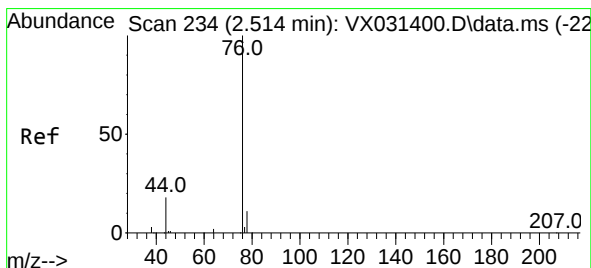
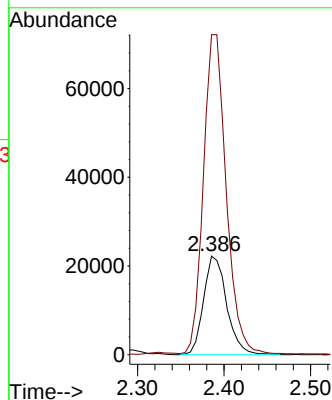
Tgt Ion: 58 Resp: 41114
Ion Ratio Lower Upper
58 100
43 323.3 250.2 375.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

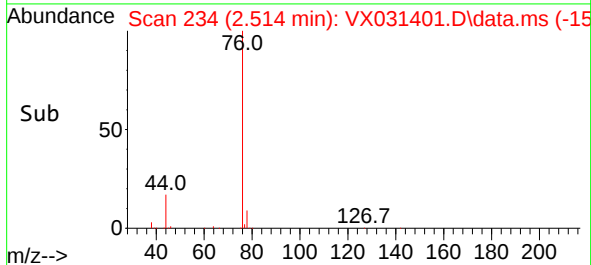
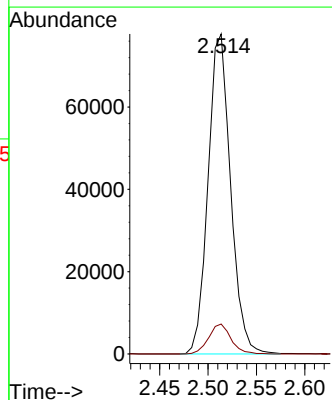
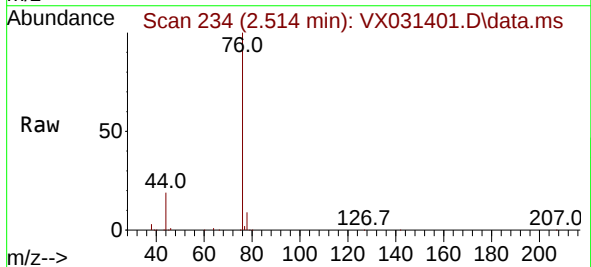
09/17/2022
Supervised By :Mahesh
Dadoda

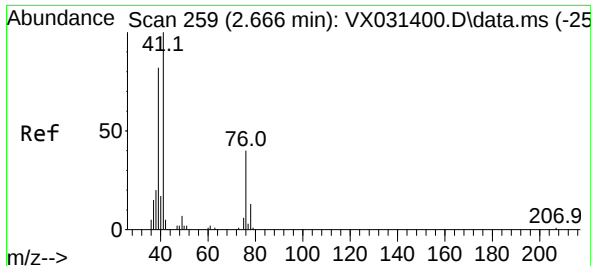
09/19/2022



#16
Carbon Disulfide
Concen: 47.506 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Tgt Ion: 76 Resp: 125775
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7





#17

Allyl chloride

Concen: 44.888 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX031401.D

Acq: 16 Sep 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

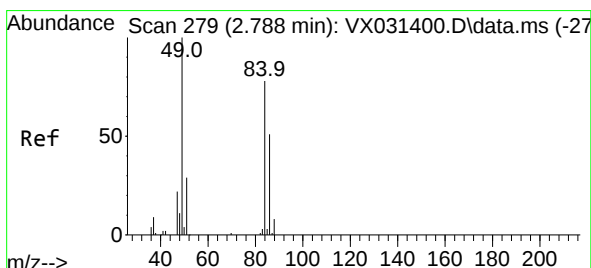
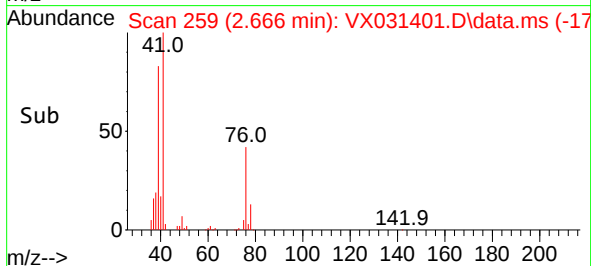
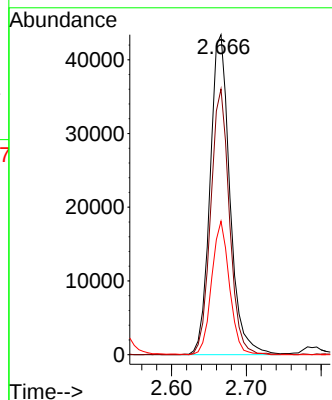
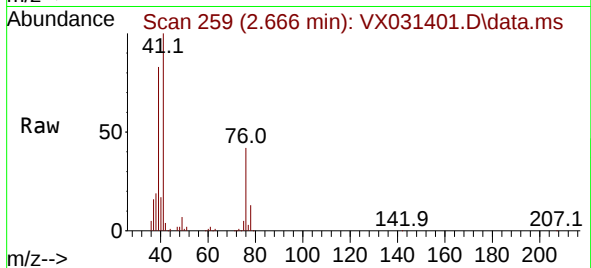
Tgt Ion:	41	Resp:	80229
Ion	Ratio	Lower	Upper
41	100		
39	83.0	35.4	106.1
76	41.7	18.4	55.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

09/17/2022
Supervised By :Mahesh
Dadoda

09/19/2022



#18

Methylene Chloride

Concen: 46.573 ug/l

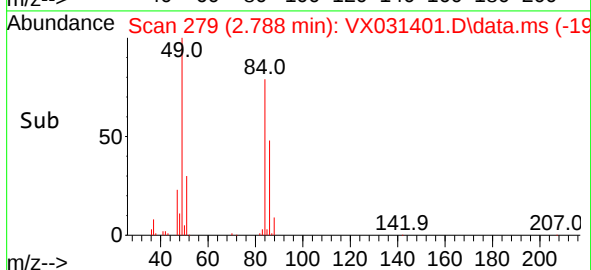
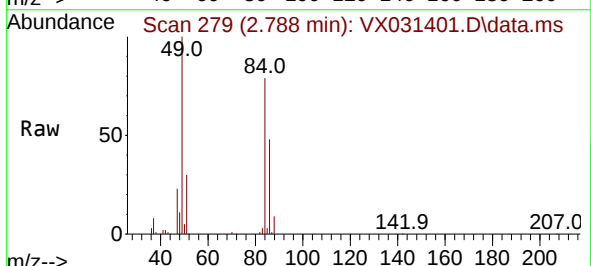
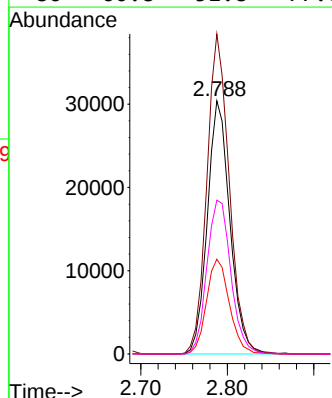
RT: 2.788 min Scan# 279

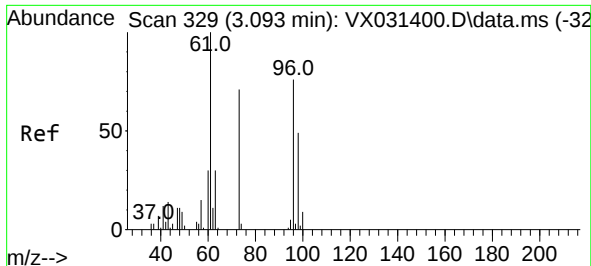
Delta R.T. -0.000 min

Lab File: VX031401.D

Acq: 16 Sep 2022 11:03

Tgt Ion:	84	Resp:	55030
Ion	Ratio	Lower	Upper
84	100		
49	126.4	94.2	141.2
51	37.5	29.2	43.8
86	60.8	51.8	77.6





#19

trans-1,2-Dichloroethene

Concen: 50.752 ug/l

RT: 3.093 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX031401.D

Acq: 16 Sep 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 96 Resp: 5585

Ion	Ratio	Lower	Upper
96	100		
61	126.5	108.7	163.1
98	63.5	49.2	73.8

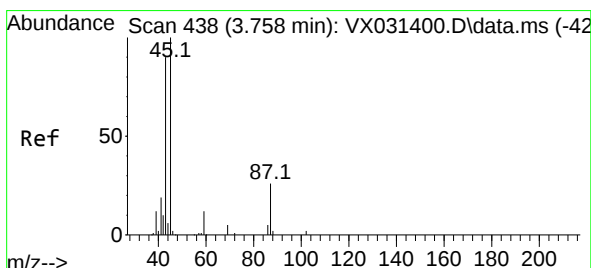
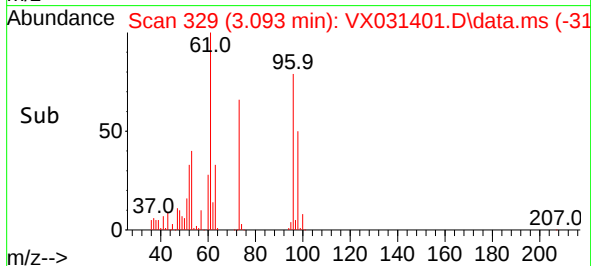
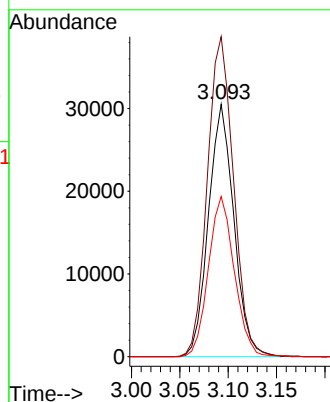
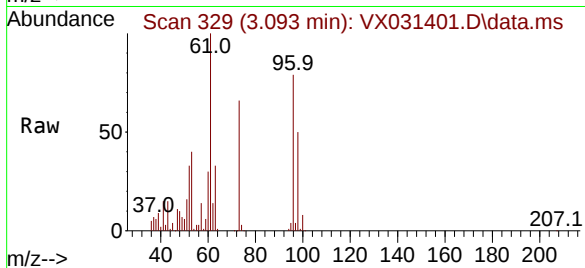
Manual Integrations
APPROVED

Reviewed By :John
Carlone

09/17/2022

Supervised By :Mahesh
Dadoda

09/19/2022



#20

Diisopropyl ether

Concen: 50.935 ug/l

RT: 3.763 min Scan# 439

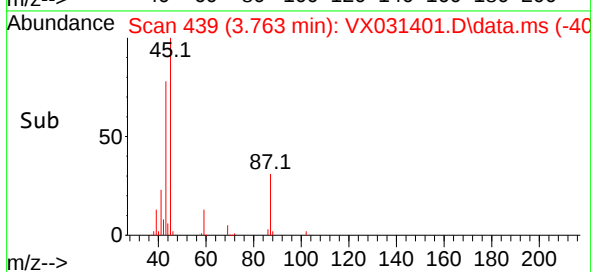
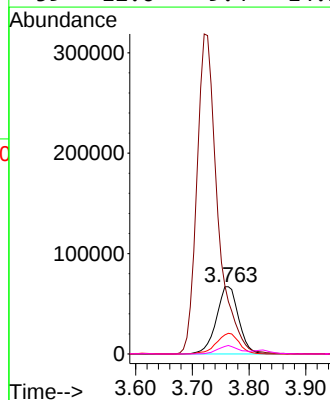
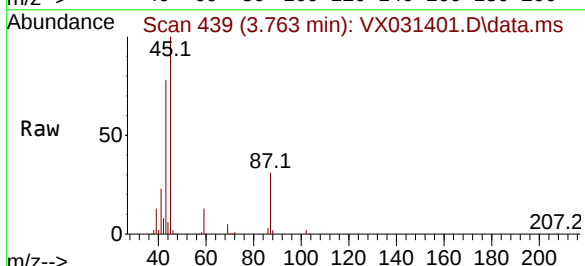
Delta R.T. -0.000 min

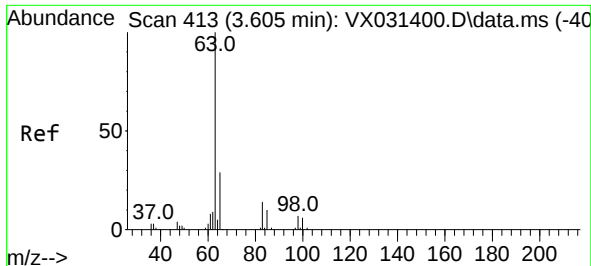
Lab File: VX031401.D

Acq: 16 Sep 2022 11:03

Tgt Ion: 45 Resp: 182370

Ion	Ratio	Lower	Upper
45	100		
43	77.3	70.3	105.5
87	30.6	24.5	36.7
59	12.6	9.4	14.2





#21
1,1-Dichloroethane
Concen: 51.181 ug/l
RT: 3.611 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

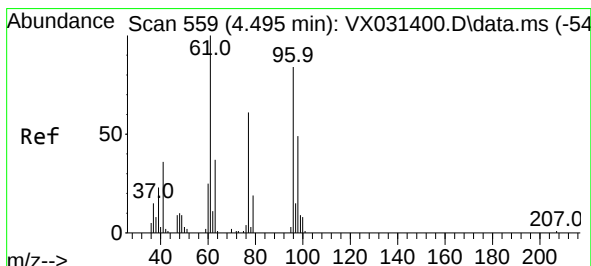
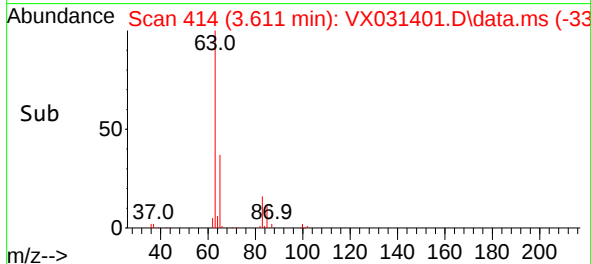
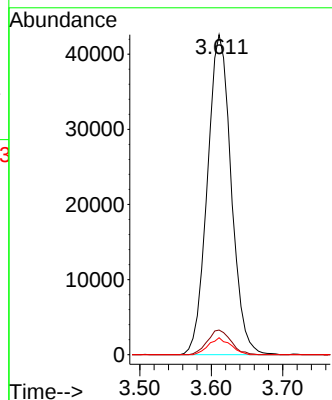
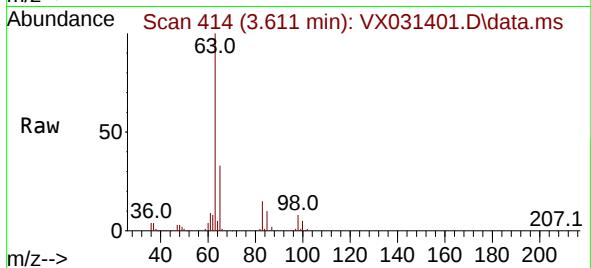
Tgt Ion: 63 Resp: 9865
Ion Ratio Lower Upper
63 100
98 7.7 3.8 11.2
100 5.3 2.5 7.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

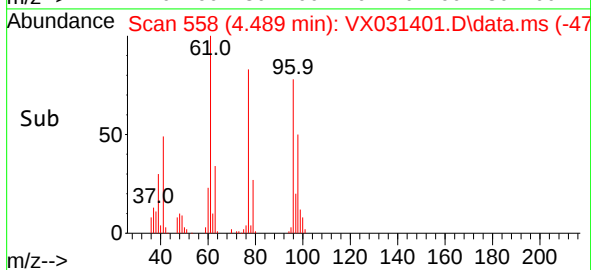
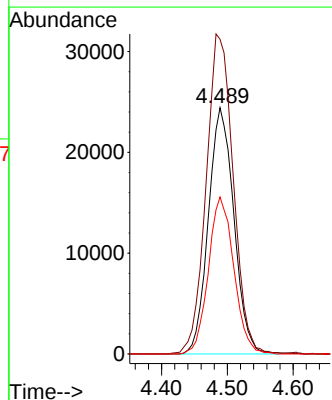
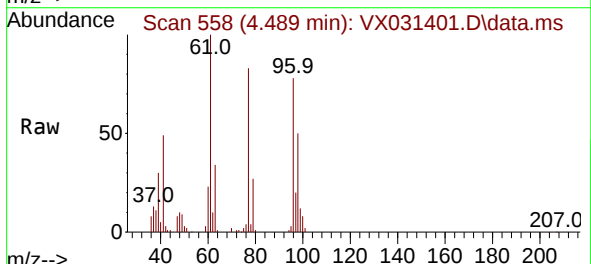
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Supervised By :Mahesh
Dadoda

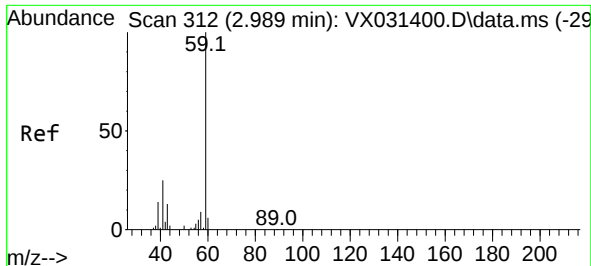
09/19/2022



#22
cis-1,2-Dichloroethene
Concen: 50.587 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Tgt Ion: 96 Resp: 66111
Ion Ratio Lower Upper
96 100
61 137.5 107.4 161.2
98 63.3 51.1 76.7





#23
tert-Butyl Alcohol
Concen: 218.896 ug/l
RT: 2.995 min Scan# 312
Delta R.T. 0.018 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

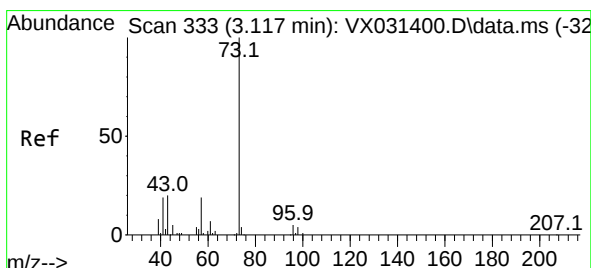
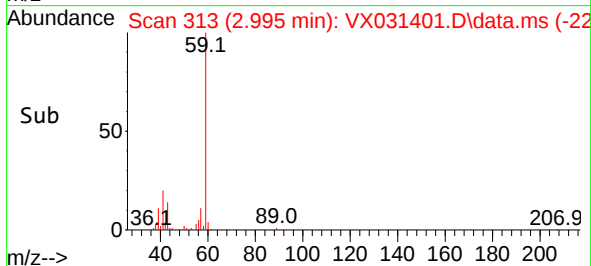
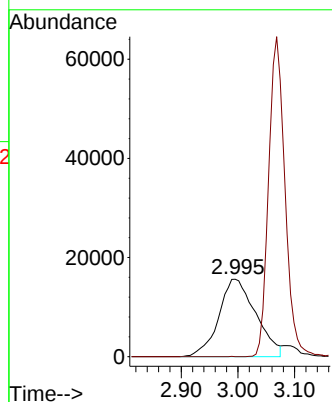
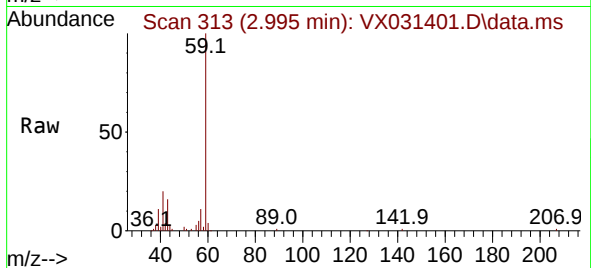
Tgt Ion: 59 Resp: 7128
Ion Ratio Lower Upper
59 100
52 181.9 0.0 0.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

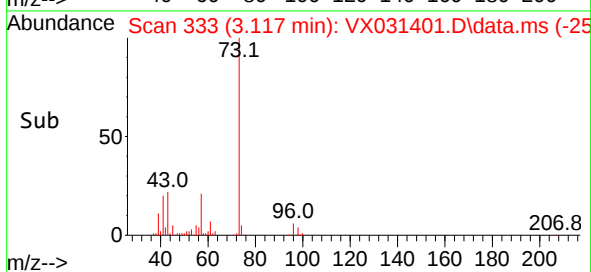
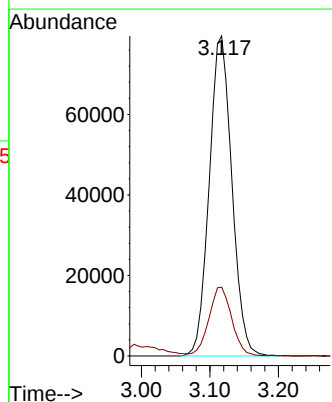
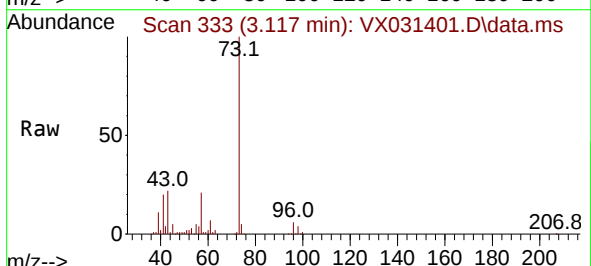
09/17/2022
Supervised By :Mahesh
Dadoda

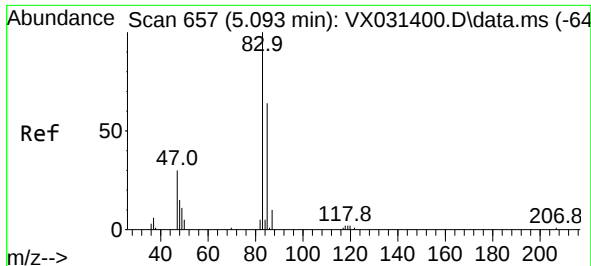
09/19/2022



#24
Methyl tert-Butyl Ether
Concen: 55.771 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Tgt Ion: 73 Resp: 182475
Ion Ratio Lower Upper
73 100
43 21.4 16.0 24.0





#25

Chloroform

Concen: 57.621 ug/l

RT: 5.098 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX031401.D

Acq: 16 Sep 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 83 Resp: 11069

Ion Ratio Lower Upper

83 100

85 69.6 49.9 74.9

Manual Integrations

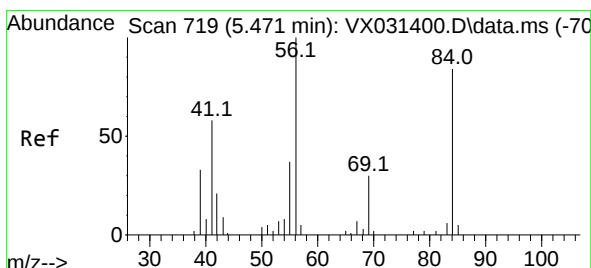
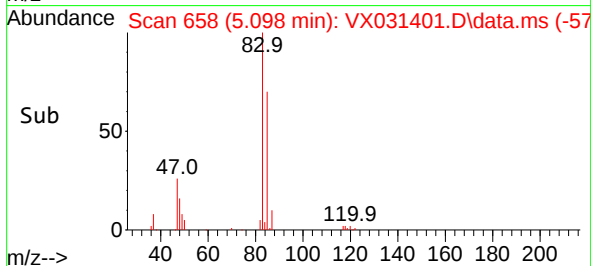
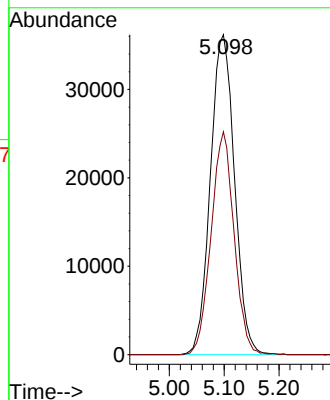
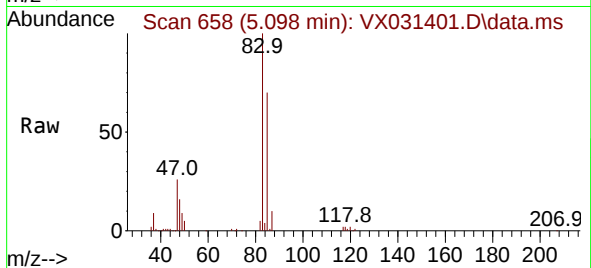
APPROVED

Reviewed By :John
Carlone

09/17/2022

Supervised By :Mahesh
Dadoda

09/19/2022



#26

Cyclohexane

Concen: 49.678 ug/l

RT: 5.470 min Scan# 719

Delta R.T. -0.000 min

Lab File: VX031401.D

Acq: 16 Sep 2022 11:03

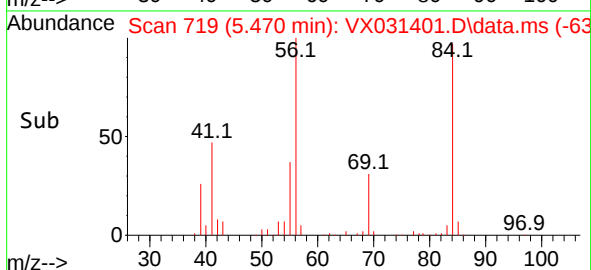
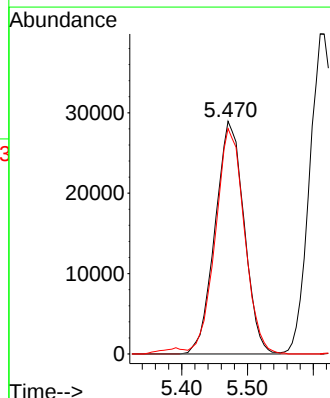
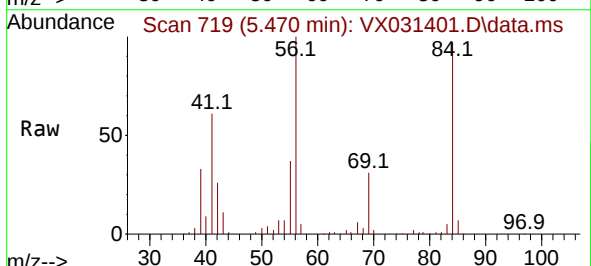
Tgt Ion: 56 Resp: 88721

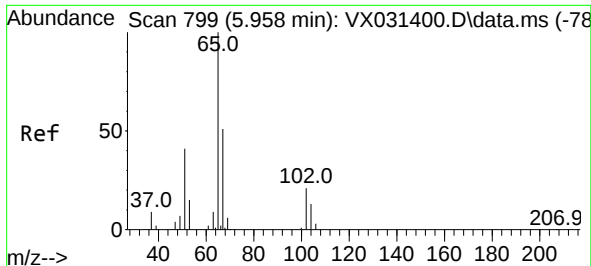
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 96.7 76.2 114.2





#27
1,2-Dichloroethane-d4
Concen: 33.859 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

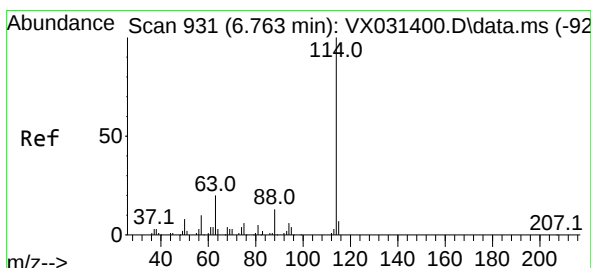
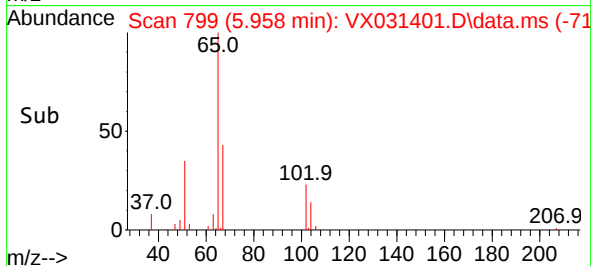
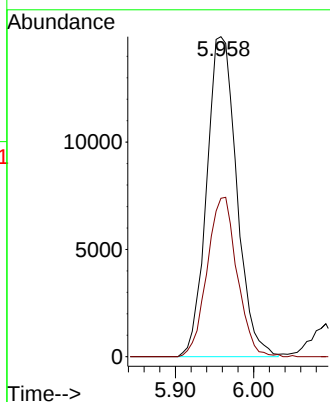
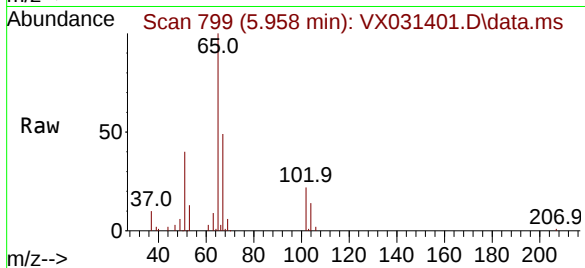
Tgt Ion: 65 Resp: 3976
Ion Ratio Lower Upper
65 100
67 49.5 42.3 63.5

Manual Integrations
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Reviewed By :John
Carlone

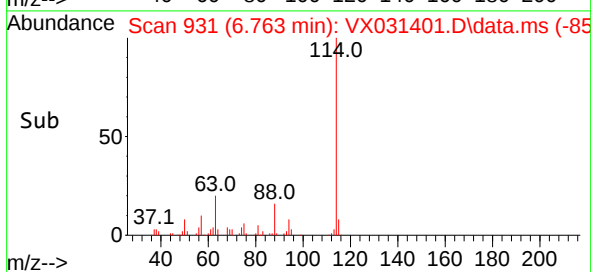
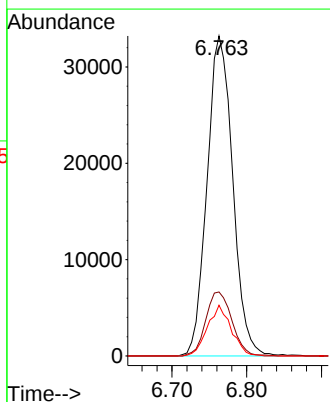
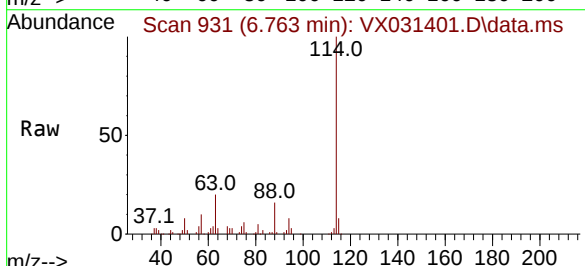
09/17/2022
Supervised By :Mahesh
Dadoda

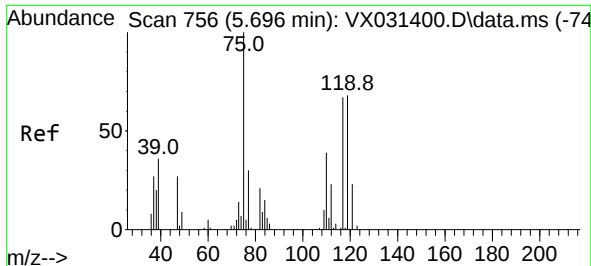
09/19/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Tgt Ion:114 Resp: 79311
Ion Ratio Lower Upper
114 100
63 20.4 15.3 22.9
88 14.7 12.2 18.4





#29
1,1-Dichloropropene
Concen: 58.462 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 75 Resp: 79319
Ion Ratio Lower Upper
75 100
110 36.8 0.0 73.6
77 30.6 0.0 62.2

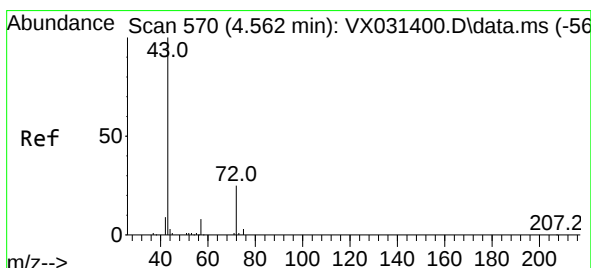
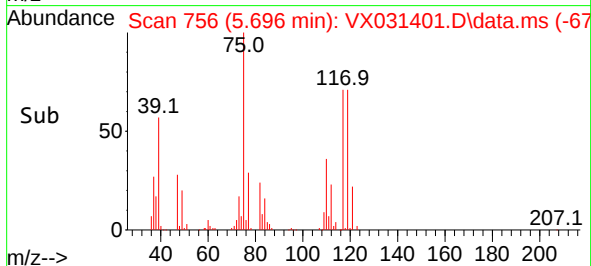
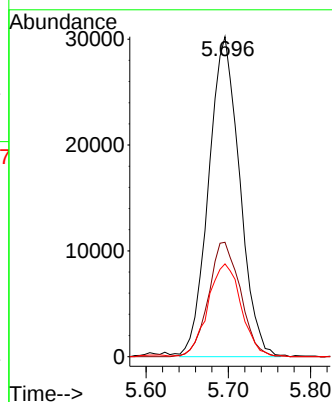
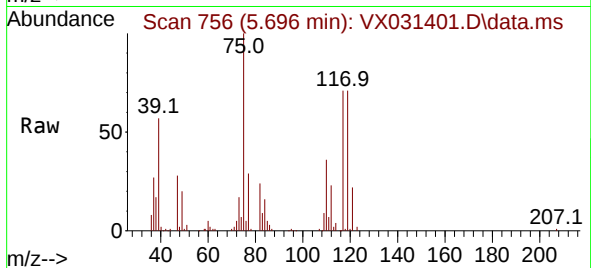
Manual Integrations
APPROVED

Reviewed By :John
Carlone

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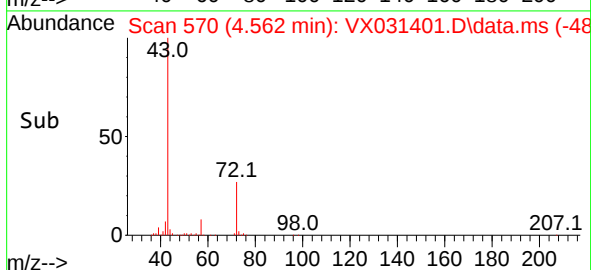
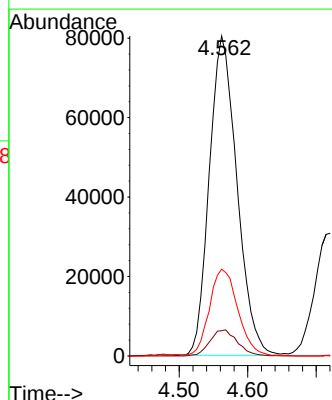
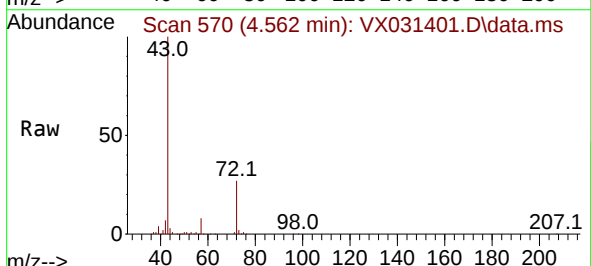
Supervised By :Mahesh
Dadoda

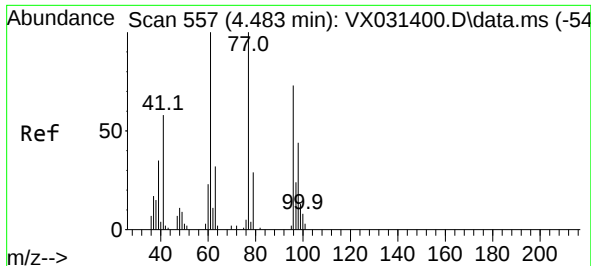
09/19/2022



#30
2-Butanone
Concen: 246.003 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Tgt Ion: 43 Resp: 225282
Ion Ratio Lower Upper
43 100
57 8.1 6.6 10.0
72 27.9 22.1 33.1





#31
2,2-Dichloropropane
Concen: 70.239 ug/l
RT: 4.477 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

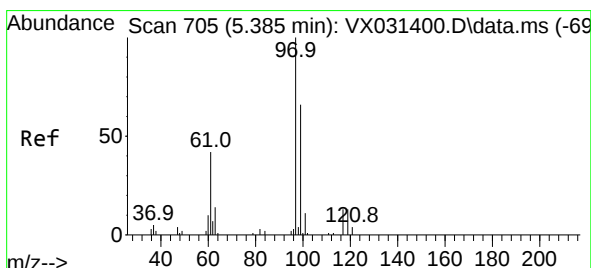
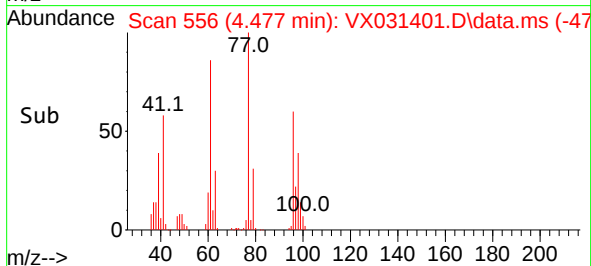
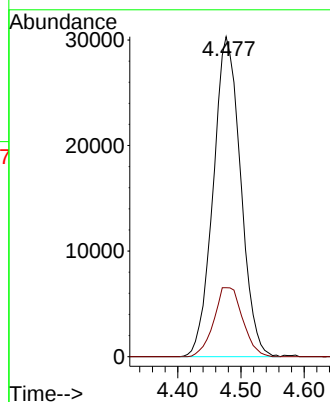
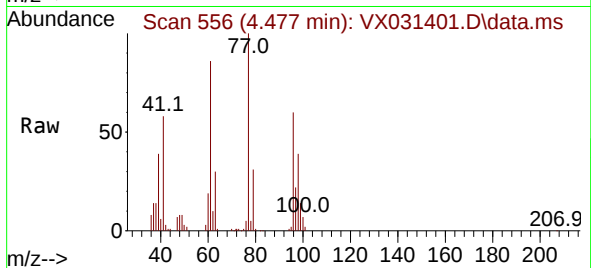
Tgt Ion: 77 Resp: 9108
Ion Ratio Lower Upper
77 100
97 22.7 18.4 27.6

Manual Integrations
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Reviewed By :John
Carlone

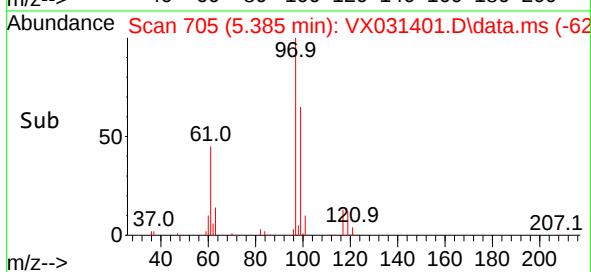
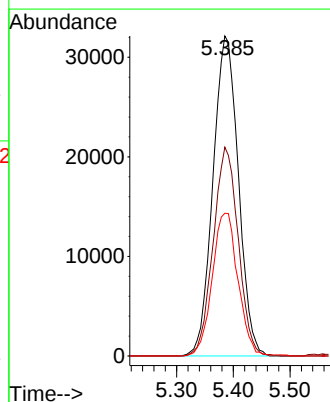
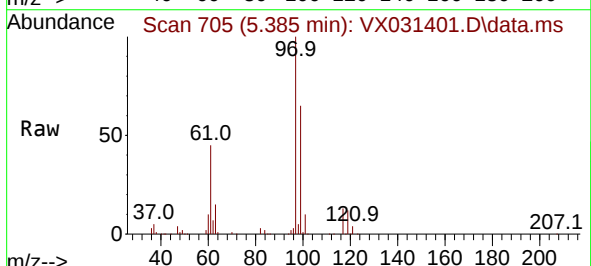
09/17/2022
Supervised By :Mahesh
Dadoda

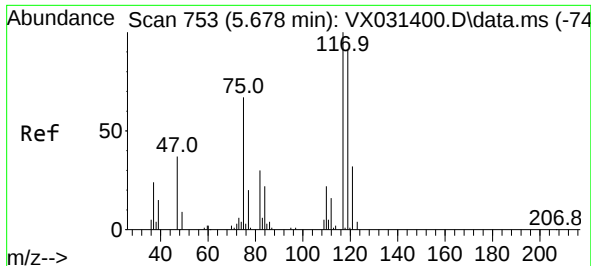
09/19/2022



#32
1,1,1-Trichloroethane
Concen: 68.579 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

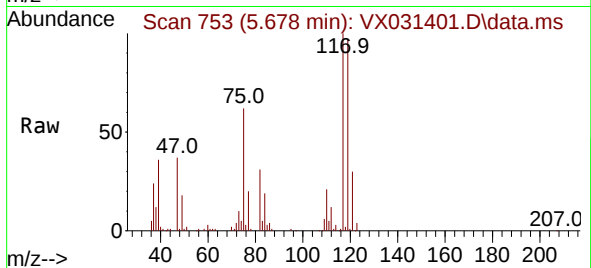
Tgt Ion: 97 Resp: 100048
Ion Ratio Lower Upper
97 100
99 64.1 51.8 77.8
61 45.2 33.4 50.0





#33
Carbon Tetrachloride
Concen: 72.162 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



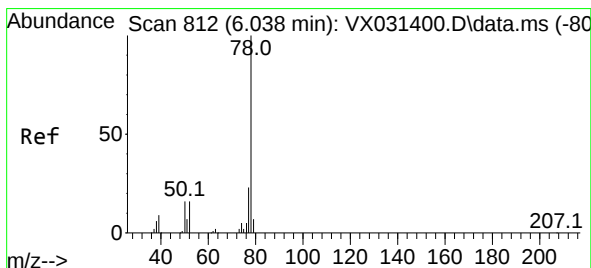
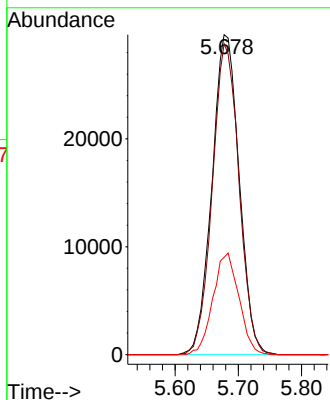
Tgt Ion: 117 Resp: 88420
Ion Ratio Lower Upper
117 100
119 97.1 75.3 112.9
121 30.4 24.1 36.1

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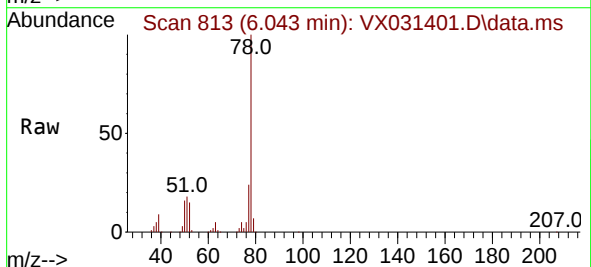
Reviewed By :John
Carlone

09/17/2022
Supervised By :Mahesh
Dadoda

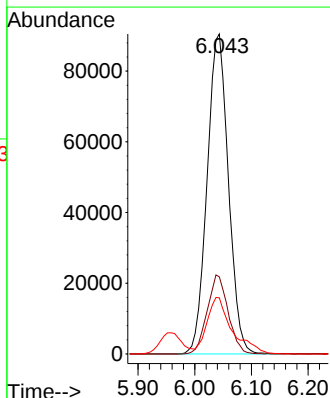
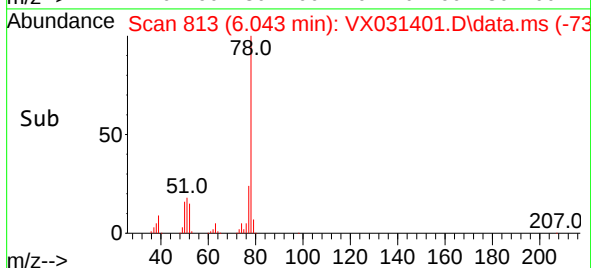
09/19/2022

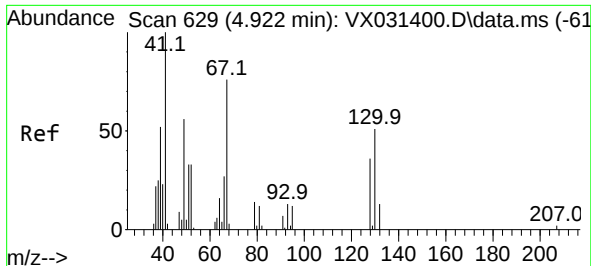


#34
Benzene
Concen: 54.168 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03



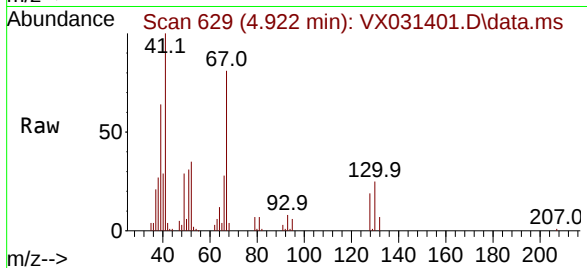
Tgt Ion: 78 Resp: 236172
Ion Ratio Lower Upper
78 100
77 24.1 18.5 27.7
51 17.4 12.9 19.3





#35
Methacrylonitrile
Concen: 49.533 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



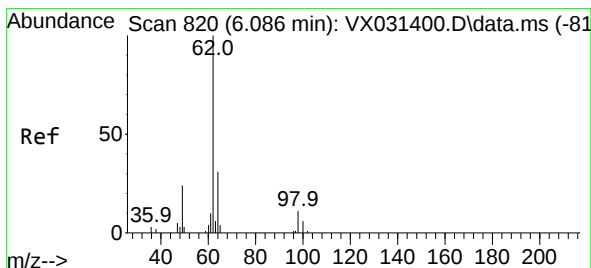
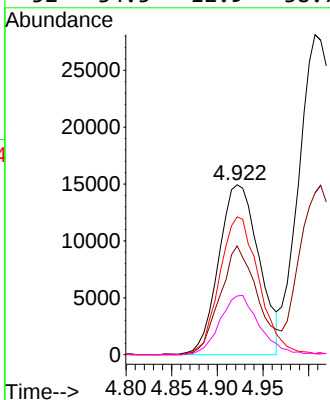
Tgt Ion: 41 Resp: 45914
Ion Ratio Lower Upper
41 100
39 63.7 27.0 81.0
67 81.0 33.3 99.8
52 34.5 12.9 38.7

Manual Integrations
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Reviewed By :John
Carlone

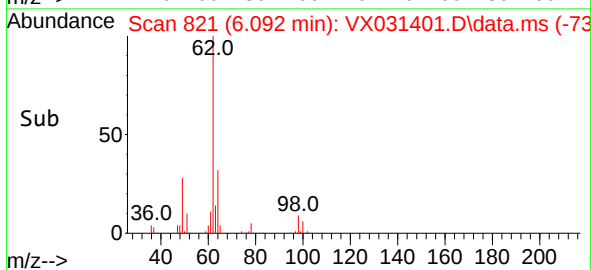
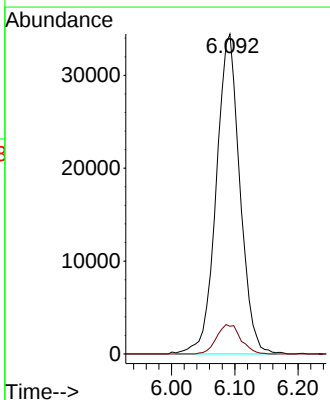
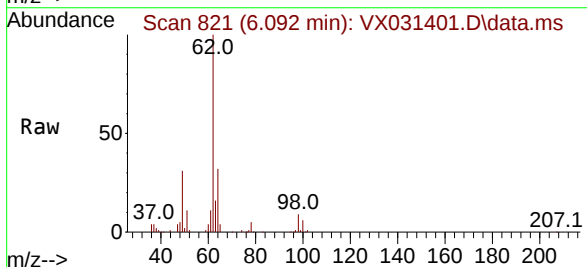
09/17/2022
Supervised By :Mahesh
Dadoda

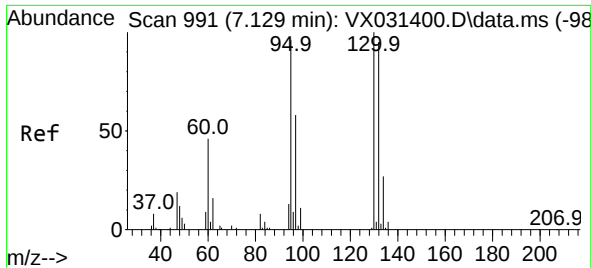
09/19/2022



#36
1,2-Dichloroethane
Concen: 67.309 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Tgt Ion: 62 Resp: 89335
Ion Ratio Lower Upper
62 100
98 9.4 7.4 11.0





#37
Trichloroethene
Concen: 55.581 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

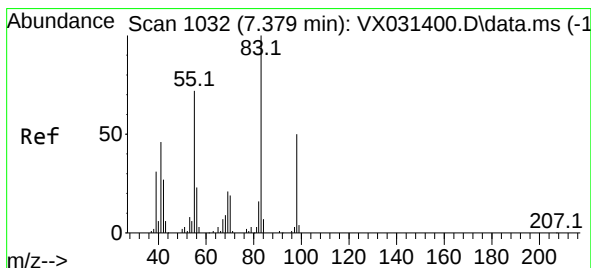
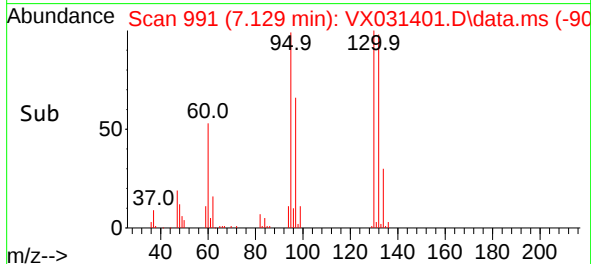
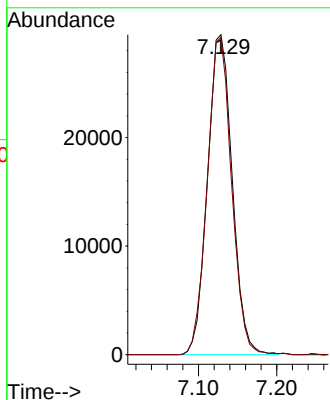
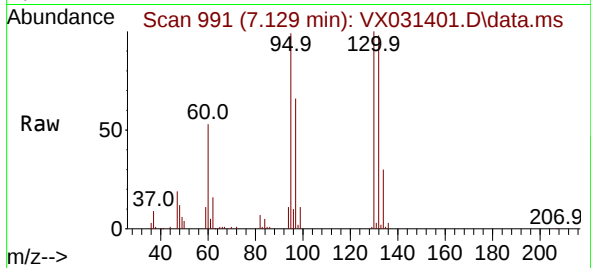
Tgt Ion:130 Resp: 64810
Ion Ratio Lower Upper
130 100
95 99.2 76.5 114.7

Manual Integrations
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Reviewed By :John
Carlone

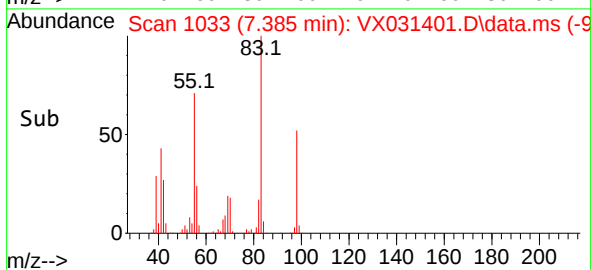
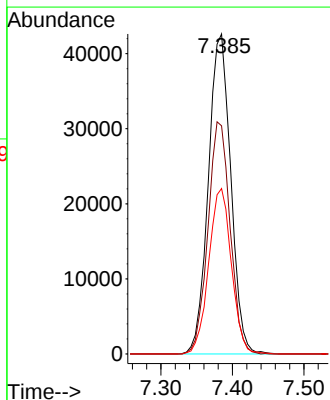
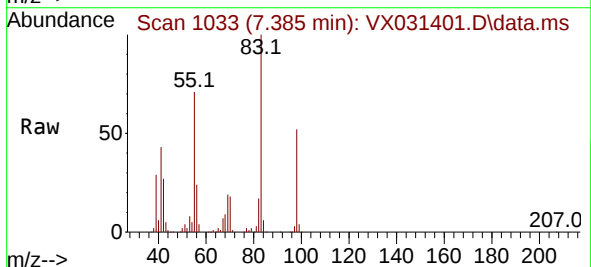
09/17/2022
Supervised By :Mahesh
Dadoda

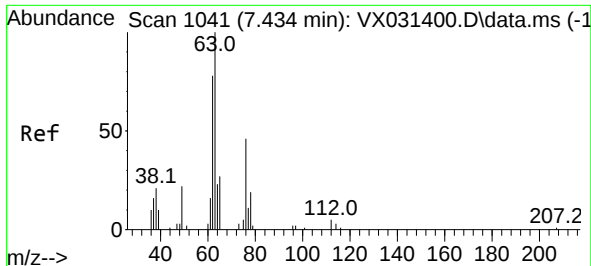
09/19/2022



#38
Methylcyclohexane
Concen: 52.686 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Tgt Ion: 83 Resp: 92753
Ion Ratio Lower Upper
83 100
55 71.9 37.0 110.9
98 52.4 25.9 77.8





#39

1,2-Dichloropropane

Concen: 52.681 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX031401.D

Acq: 16 Sep 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 63 Resp: 58469

Ion Ratio Lower Upper

63 100

65 31.3 25.4 38.2

Manual Integrations

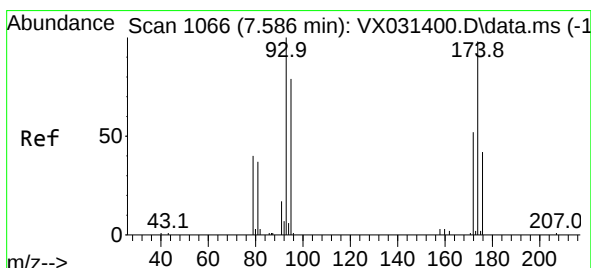
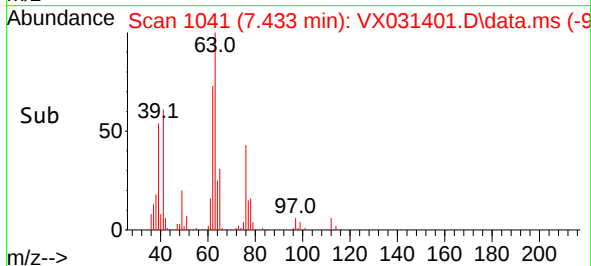
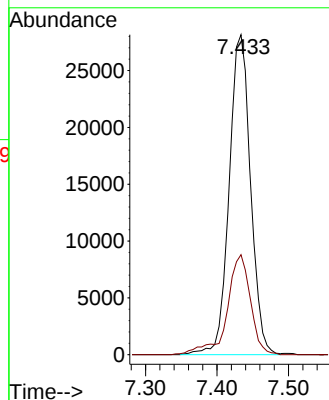
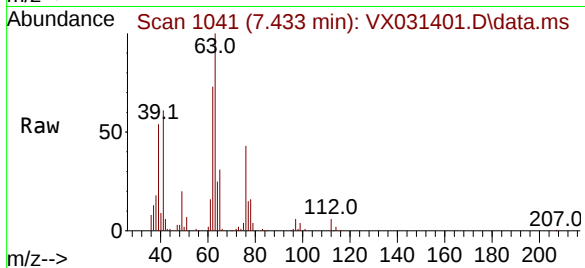
APPROVED

Reviewed By :John
Carlone

09/17/2022

Supervised By :Mahesh
Dadoda

09/19/2022



#40

Dibromomethane

Concen: 59.883 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX031401.D

Acq: 16 Sep 2022 11:03

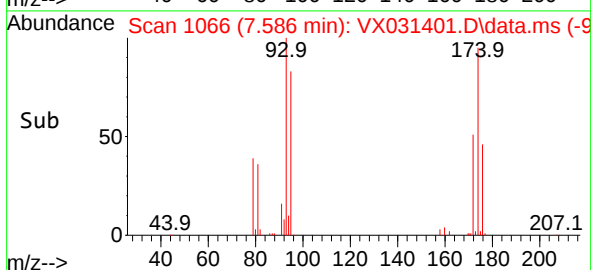
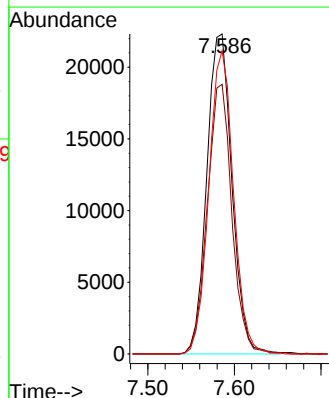
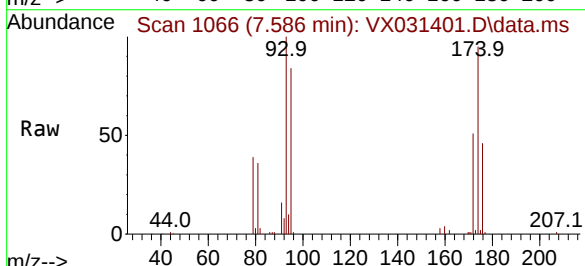
Tgt Ion: 93 Resp: 45051

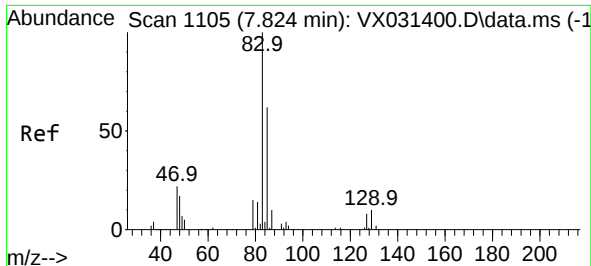
Ion Ratio Lower Upper

93 100

95 82.0 0.0 168.8

174 92.5 0.0 220.8





#41
Bromodichloromethane
Concen: 64.730 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

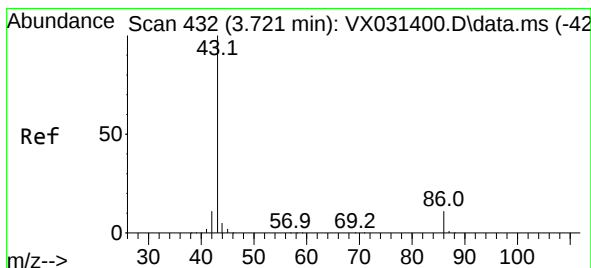
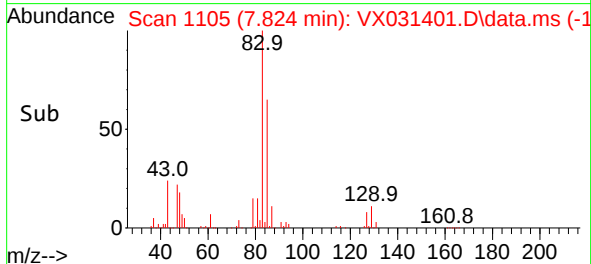
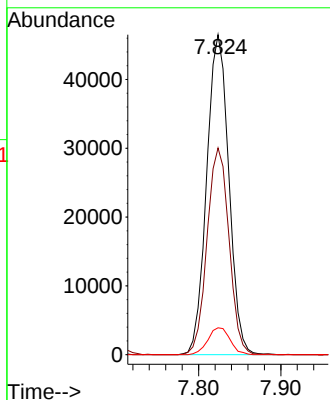
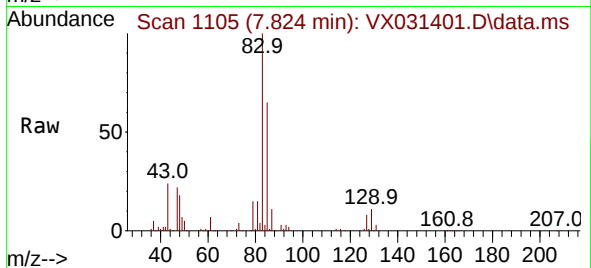
Tgt Ion: 83 Resp: 86989
Ion Ratio Lower Upper
83 100
85 64.6 50.6 75.8
127 8.4 7.0 10.6

Manual Integrations
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Reviewed By :John
Carlone

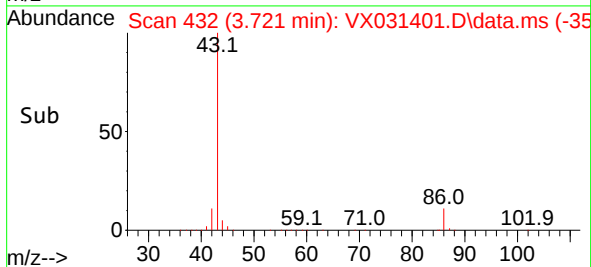
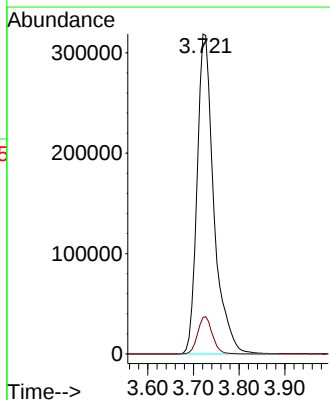
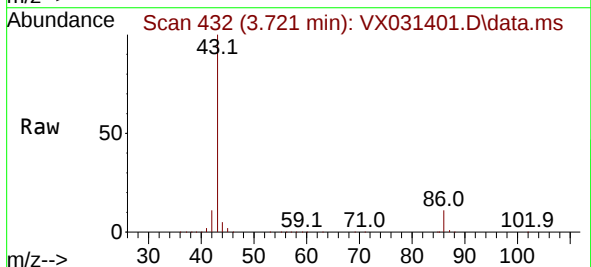
09/17/2022
Supervised By :Mahesh
Dadoda

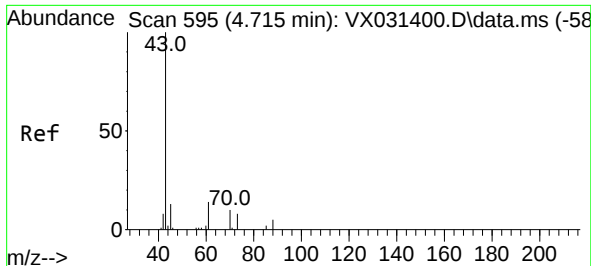
09/19/2022



#42
Vinyl Acetate
Concen: 276.703 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.006 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

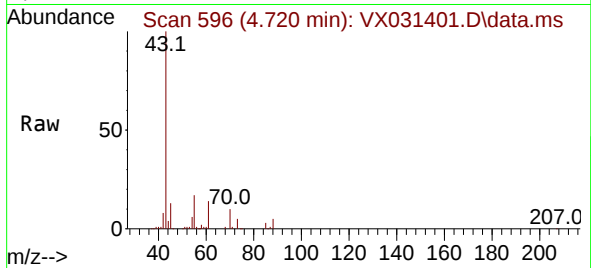
Tgt Ion: 43 Resp: 810346
Ion Ratio Lower Upper
43 100
86 10.2 8.5 12.7





#43
Ethyl Acetate
Concen: 51.982 ug/l
RT: 4.720 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



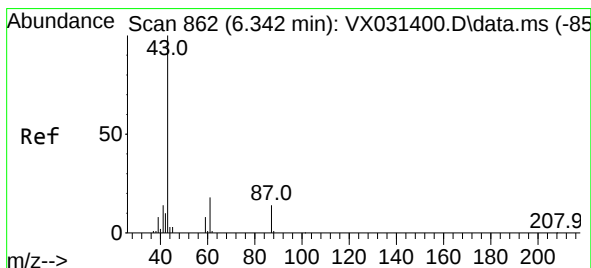
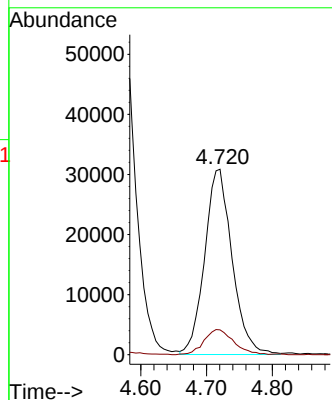
Tgt Ion: 43 Resp: 89670
Ion Ratio Lower Upper
43 100
45 14.6 11.8 17.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

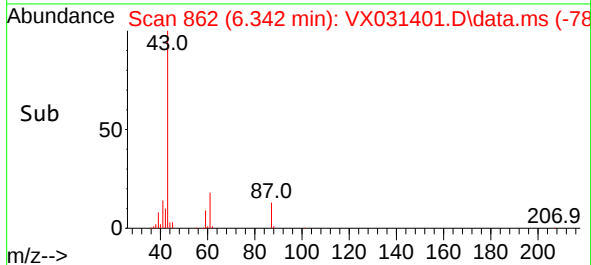
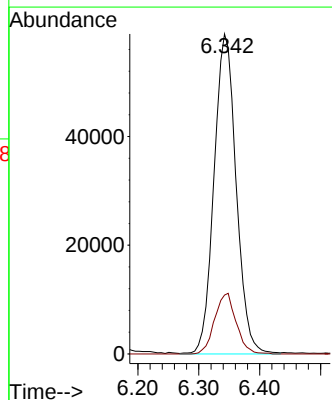
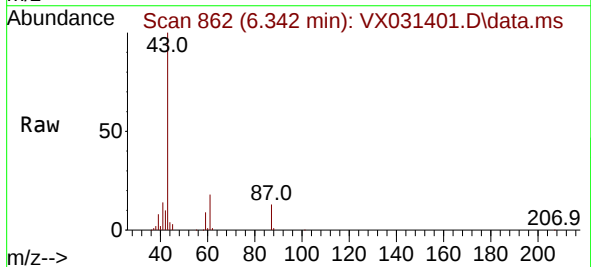
09/17/2022
Supervised By :Mahesh
Dadoda

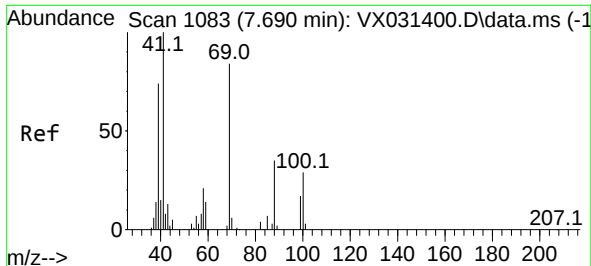
09/19/2022



#44
Isopropyl Acetate
Concen: 56.797 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

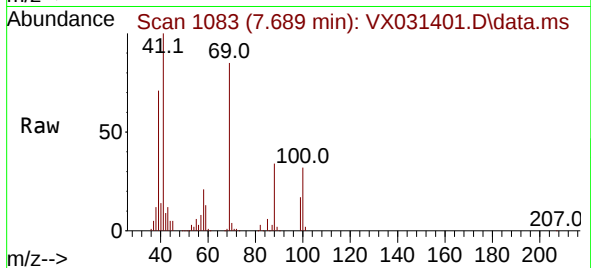
Tgt Ion: 43 Resp: 148840
Ion Ratio Lower Upper
43 100
61 18.4 17.0 25.4





#45
1,4-Dioxane
Concen: 1057.860 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. 0.012 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



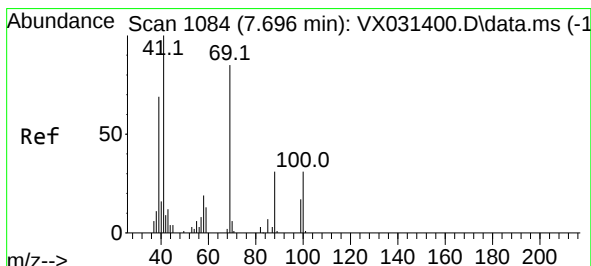
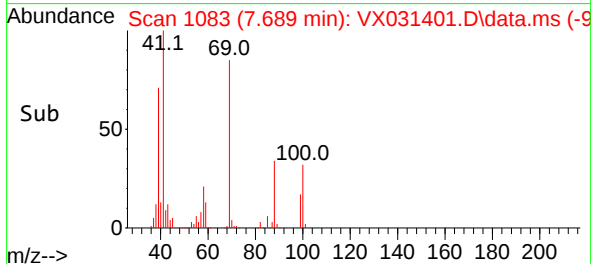
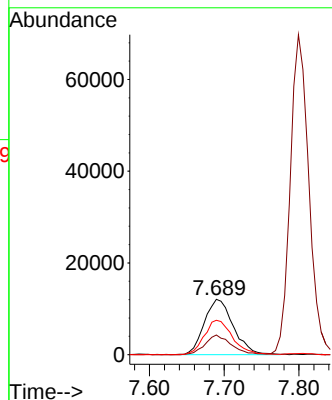
Tgt Ion: 88 Resp: 3254
Ion Ratio Lower Upper
88 100
43 32.5 25.8 38.6
58 60.5 54.8 82.2

Manual Integrations
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Reviewed By :John
Carlone

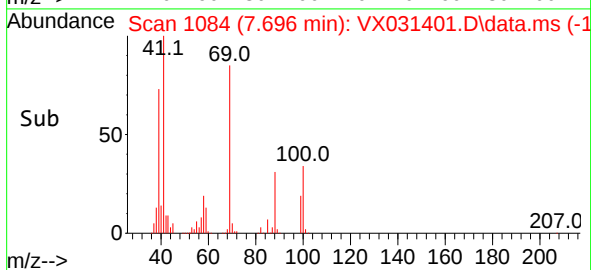
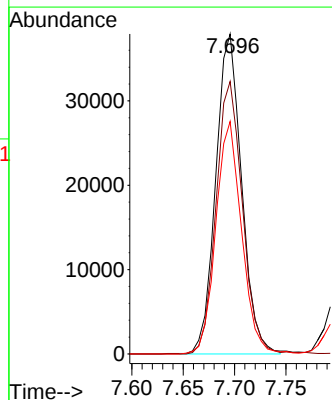
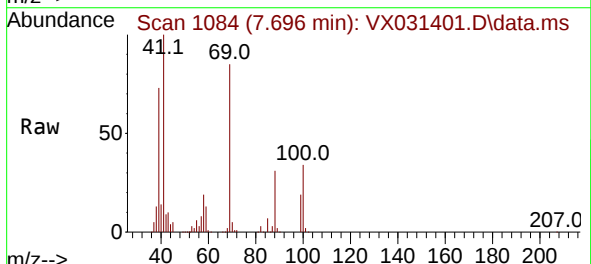
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Supervised By :Mahesh
Dadoda

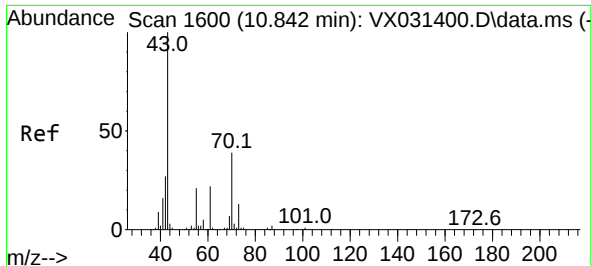
09/19/2022



#46
Methyl methacrylate
Concen: 53.427 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

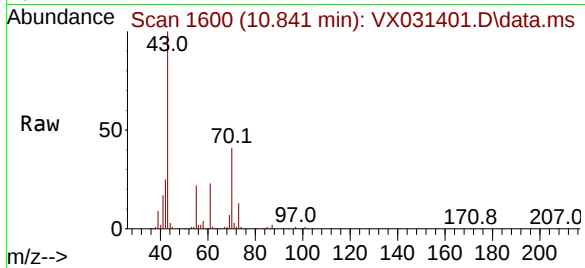
Tgt Ion: 41 Resp: 66349
Ion Ratio Lower Upper
41 100
69 85.3 41.9 125.8
39 72.7 27.5 82.5





#47
n-amyl Acetate
Concen: 60.873 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



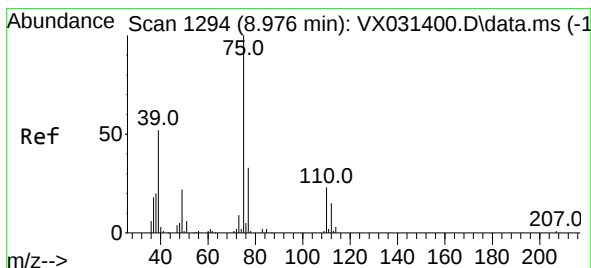
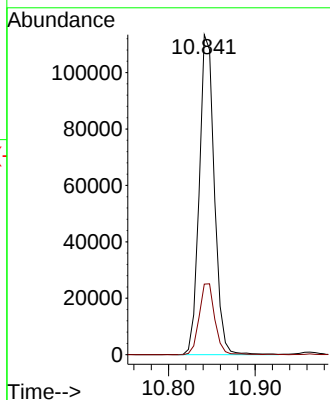
Tgt Ion: 43 Resp: 137038
Ion Ratio Lower Upper
43 100
55 22.8 20.4 30.6

Manual Integrations
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Reviewed By :John
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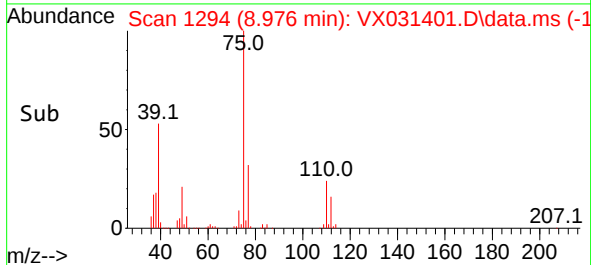
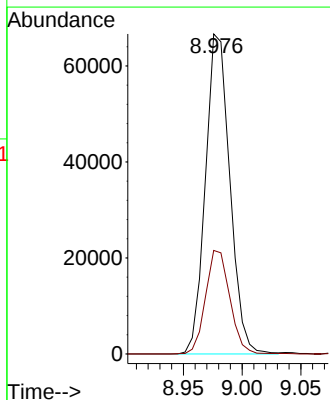
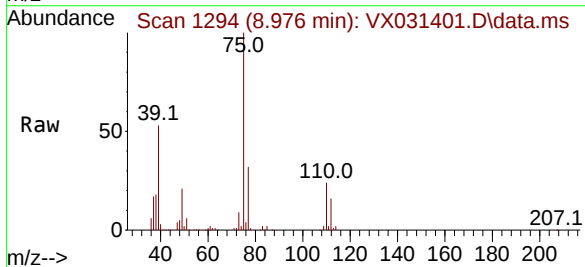
09/17/2022
Supervised By :Mahesh
Dadoda

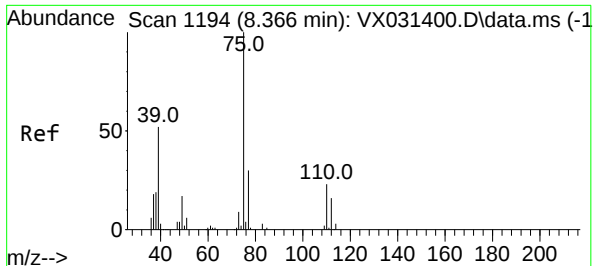
09/19/2022



#48
t-1,3-Dichloropropene
Concen: 65.032 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Tgt Ion: 75 Resp: 96581
Ion Ratio Lower Upper
75 100
77 32.3 26.6 40.0





#49

cis-1,3-Dichloropropene

Concen: 60.010 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX031401.D

Acq: 16 Sep 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 75 Resp: 100078

Ion Ratio Lower Upper

75 100

77 30.6 25.2 37.8

39 53.0 37.4 56.0

Manual Integrations

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Reviewed By :John

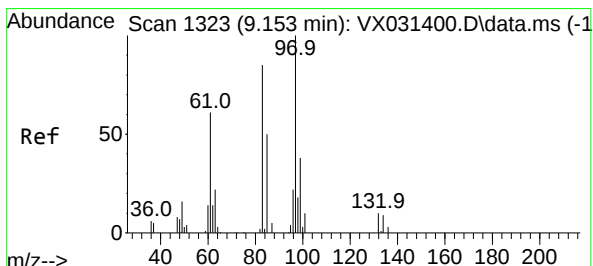
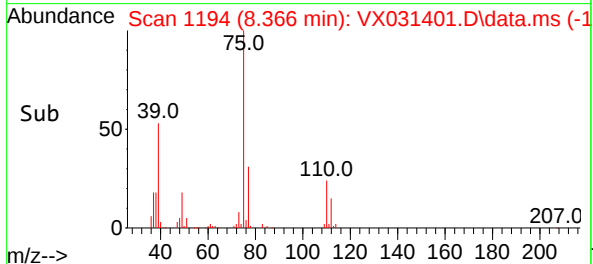
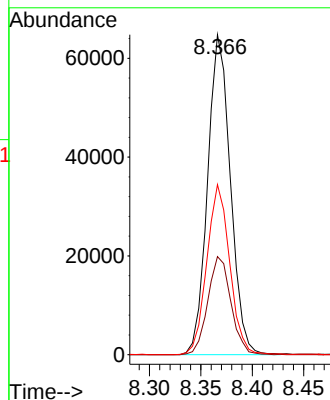
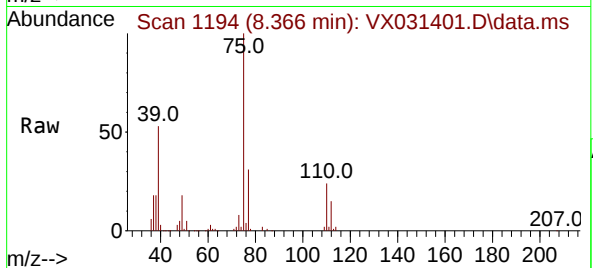
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Supervised By :Mahesh

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#50

1,1,2-Trichloroethane

Concen: 57.718 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX031401.D

Acq: 16 Sep 2022 11:03

Tgt Ion: 97 Resp: 64330

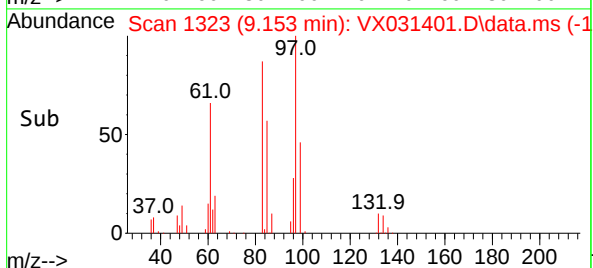
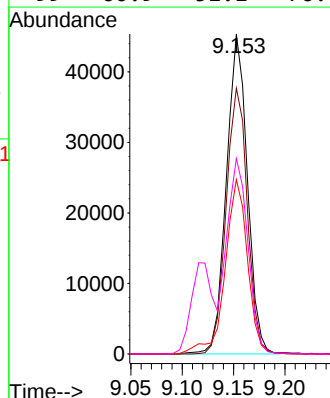
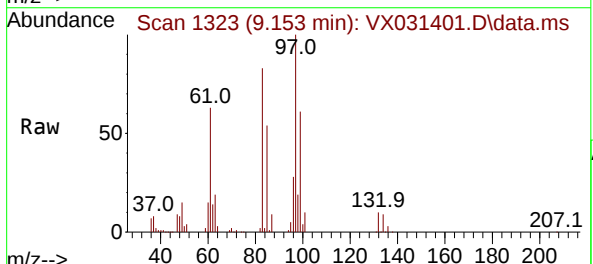
Ion Ratio Lower Upper

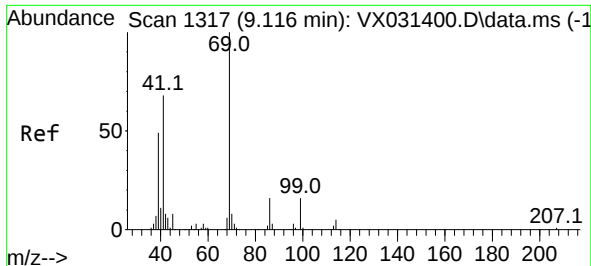
97 100

83 83.0 66.2 99.4

85 54.3 40.4 60.6

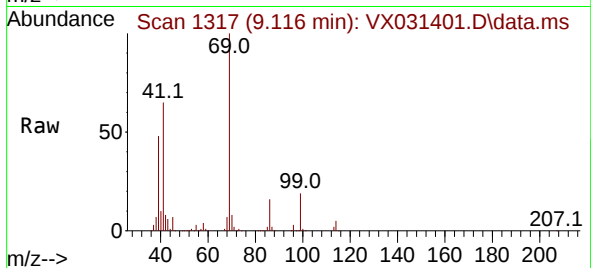
99 60.9 51.1 76.7





#51
Ethyl methacrylate
Concen: 56.621 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



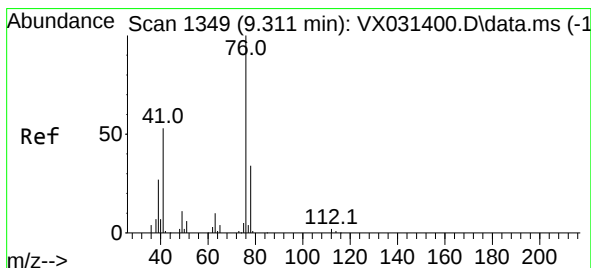
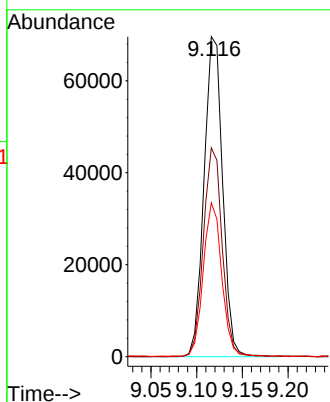
Tgt Ion: 69 Resp: 9820
Ion Ratio Lower Upper
69 100
41 65.2 32.1 96.5
39 47.9 18.3 54.9

Manual Integrations
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Reviewed By :John
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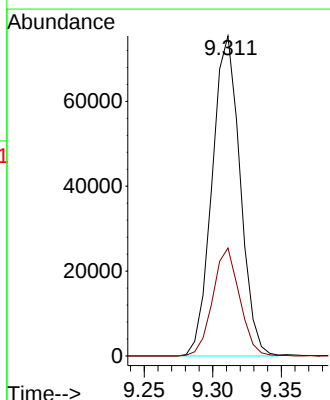
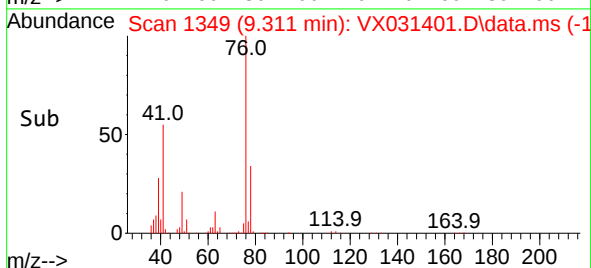
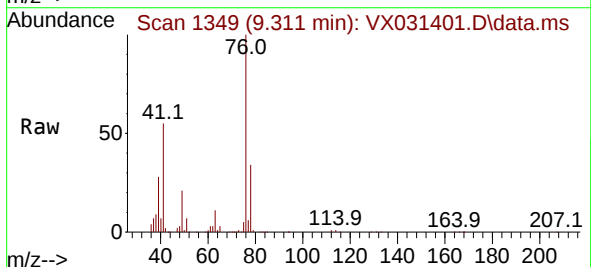
09/17/2022
Supervised By :Mahesh
Dadoda

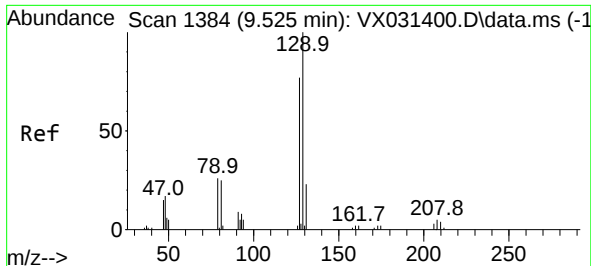
09/19/2022



#52
1,3-Dichloropropane
Concen: 59.829 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Tgt Ion: 76 Resp: 107264
Ion Ratio Lower Upper
76 100
78 32.3 0.0 64.4





#53
Dibromochloromethane
Concen: 69.900 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

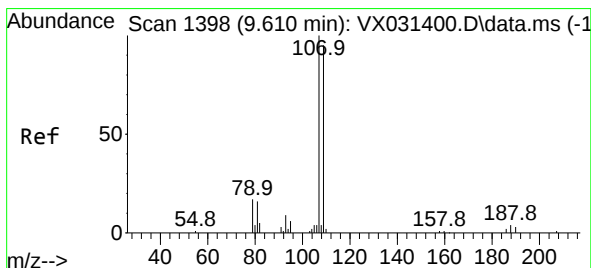
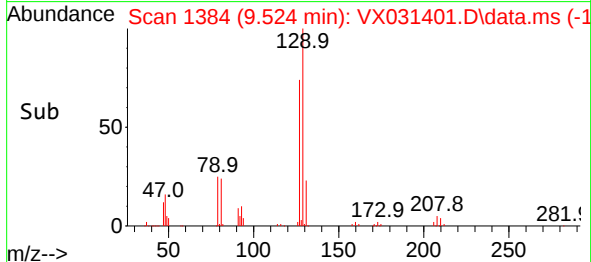
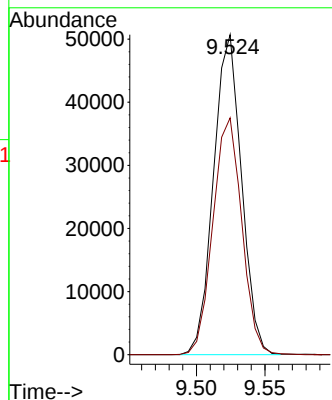
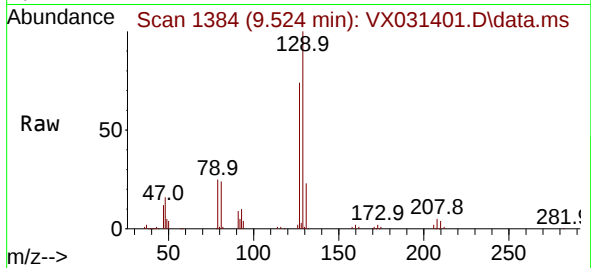
Tgt Ion:129 Resp: 72109
Ion Ratio Lower Upper
129 100
127 76.3 38.4 115.1

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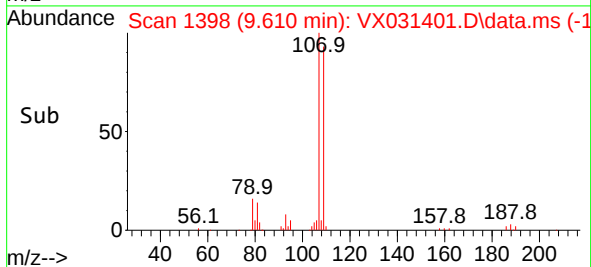
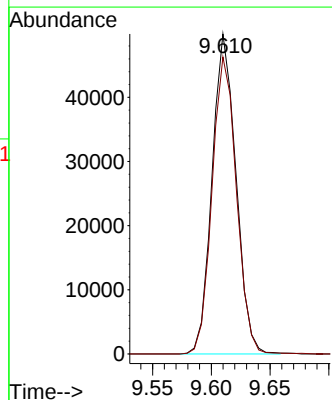
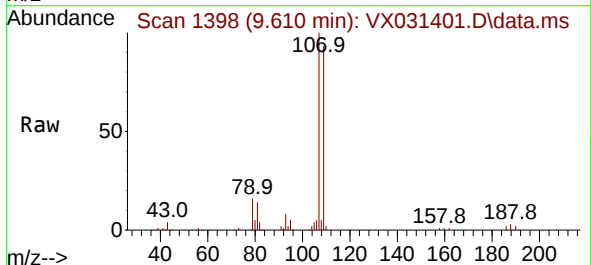
09/17/2022
Supervised By :Mahesh
Dadoda

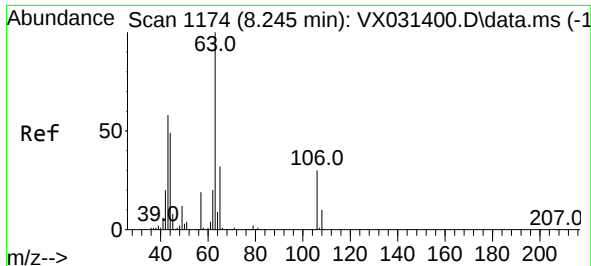
09/19/2022



#54
1,2-Dibromoethane
Concen: 60.917 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

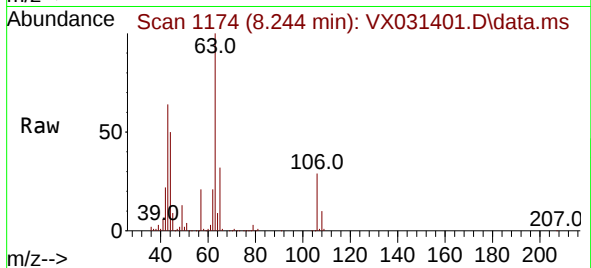
Tgt Ion:107 Resp: 70505
Ion Ratio Lower Upper
107 100
109 94.5 76.2 114.4





#55
2-Chloroethyl vinyl ether
Concen: 282.296 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



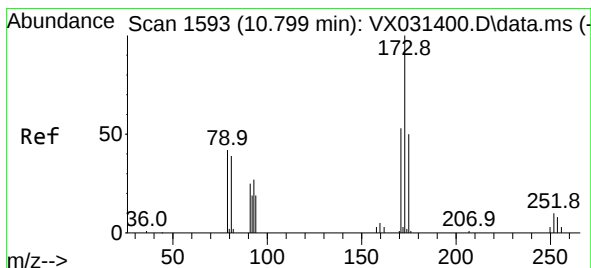
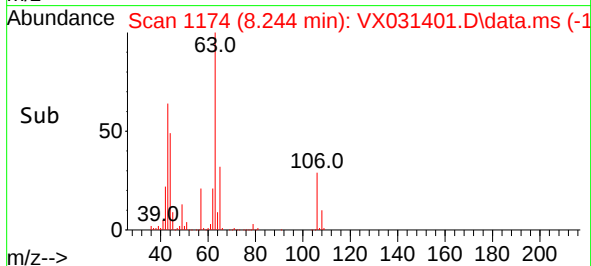
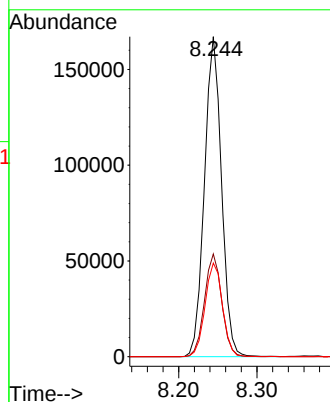
Tgt Ion: 63 Resp: 25238
Ion Ratio Lower Upper
63 100
65 32.4 25.9 38.9
106 29.9 25.8 38.6

Manual Integrations
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Reviewed By :John
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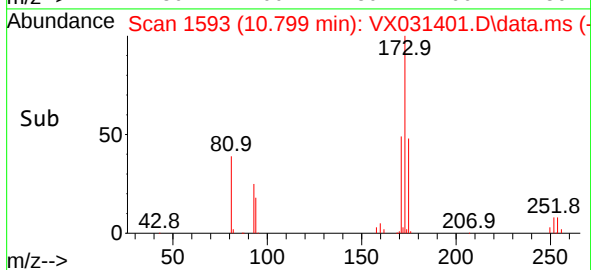
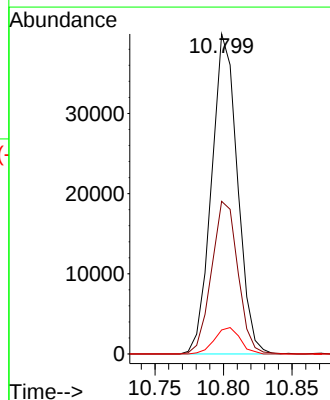
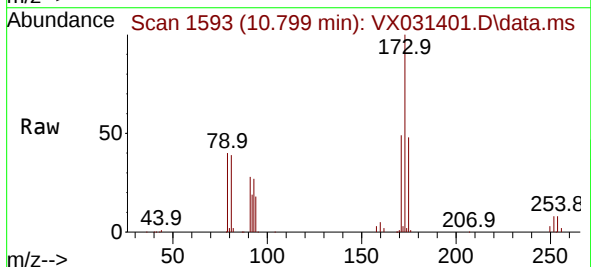
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Supervised By :Mahesh
Dadoda

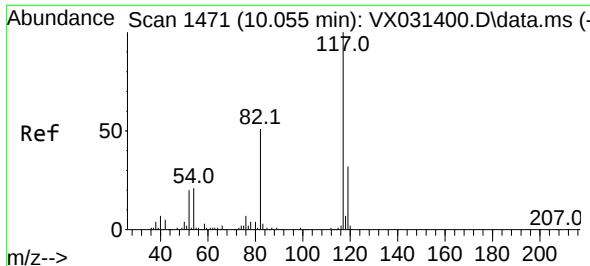
09/19/2022



#56
Bromoform
Concen: 72.656 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

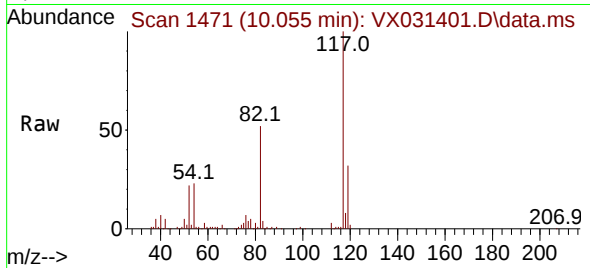
Tgt Ion:173 Resp: 52469
Ion Ratio Lower Upper
173 100
175 48.5 40.3 60.5
254 8.2 7.4 11.2





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



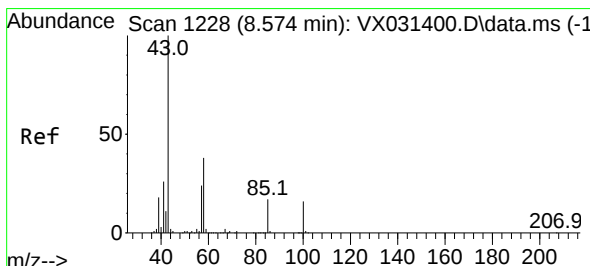
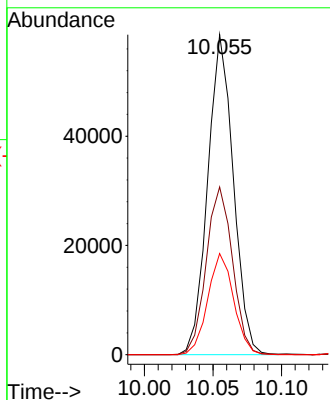
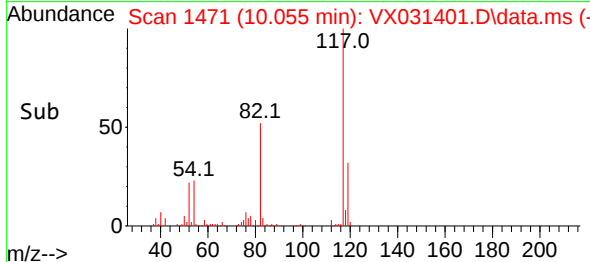
Tgt Ion: 117 Resp: 76305
Ion Ratio Lower Upper
117 100
82 54.0 42.3 63.5
119 32.0 26.2 39.2

Manual Integrations
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Reviewed By :John
Carlone

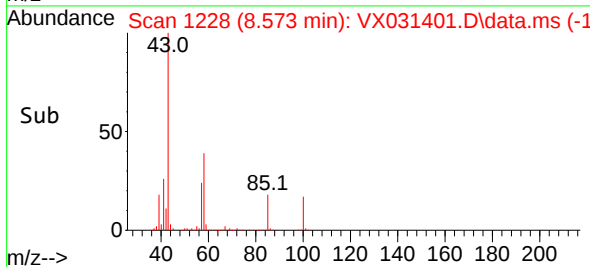
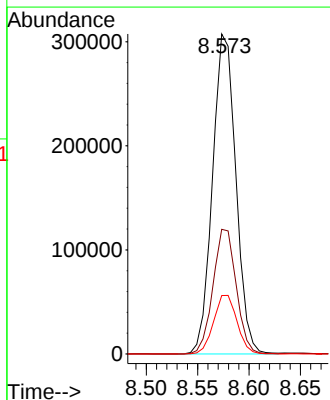
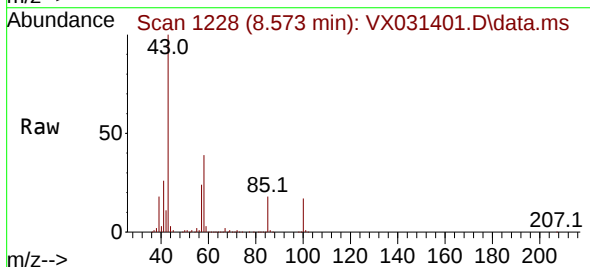
09/17/2022
Supervised By :Mahesh
Dadoda

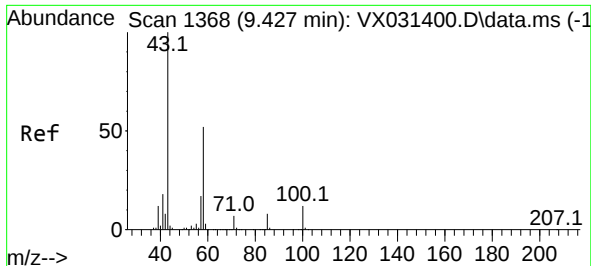
09/19/2022



#58
4-Methyl-2-Pentanone
Concen: 257.312 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Tgt Ion: 43 Resp: 484982
Ion Ratio Lower Upper
43 100
58 38.8 31.8 47.6
85 18.4 15.8 23.6





#59

2-Hexanone

Concen: 256.970 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX031401.D

Acq: 16 Sep 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 43 Resp: 37461

Ion	Ratio	Lower	Upper
43	100		
58	54.1	44.1	66.1
57	18.4	16.2	24.2

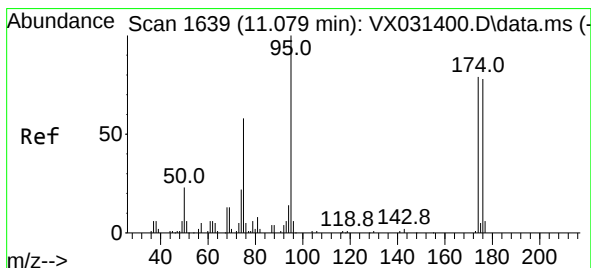
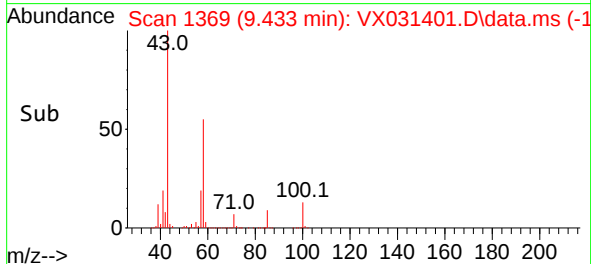
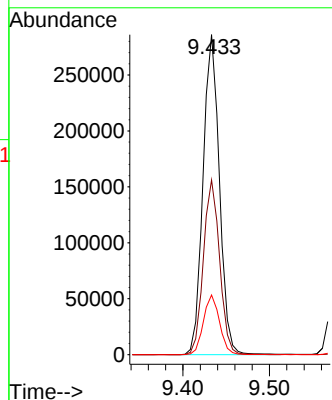
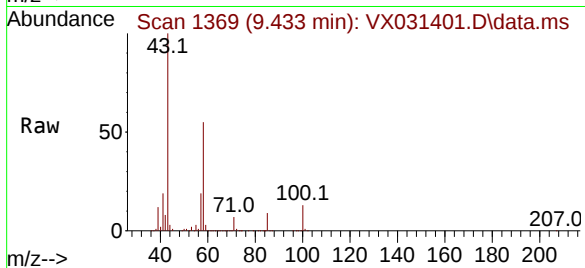
Manual Integrations
APPROVED

Reviewed By :John
Carlone

09/17/2022

Supervised By :Mahesh
Dadoda

09/19/2022



#60

4-Bromofluorobenzene

Concen: 30.836 ug/l

RT: 11.079 min Scan# 1639

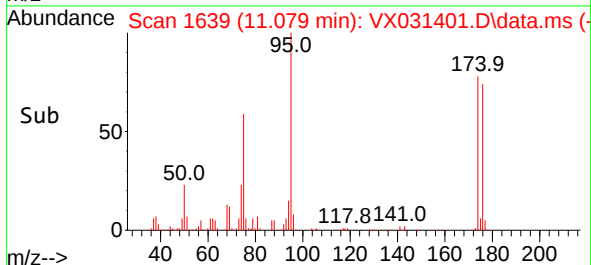
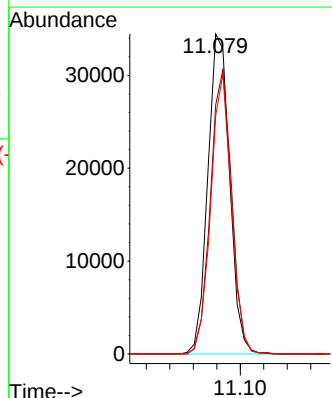
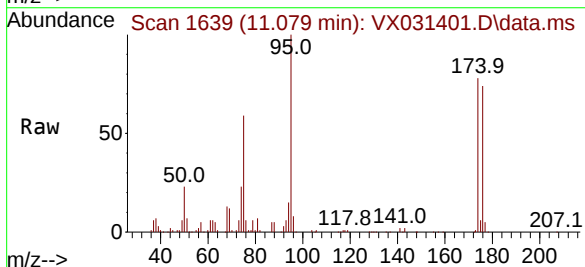
Delta R.T. -0.000 min

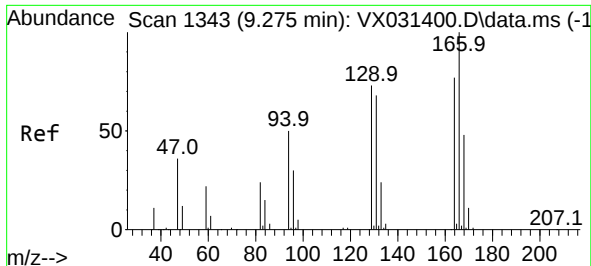
Lab File: VX031401.D

Acq: 16 Sep 2022 11:03

Tgt Ion: 95 Resp: 44343

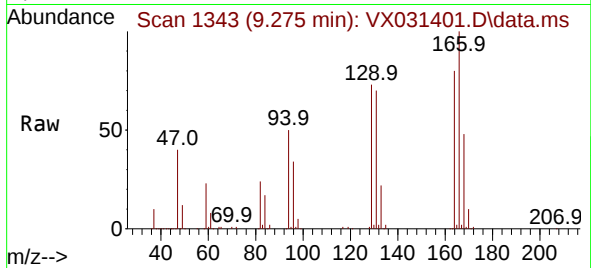
Ion	Ratio	Lower	Upper
95	100		
174	86.7	65.4	98.2
176	82.8	63.4	95.0





#61
Tetrachloroethene
Concen: 56.045 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



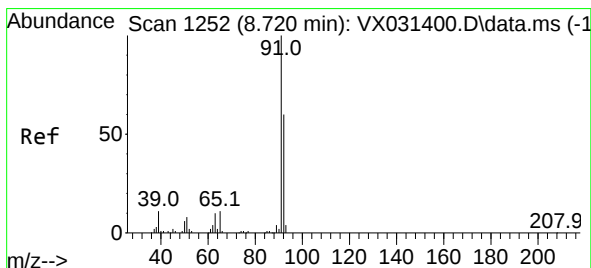
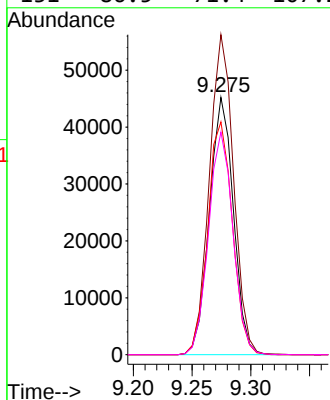
Tgt Ion:164 Resp: 6421
Ion Ratio Lower Upper
164 100
166 124.4 105.0 157.6
129 90.5 78.5 117.7
131 86.5 71.4 107.2

Manual Integrations
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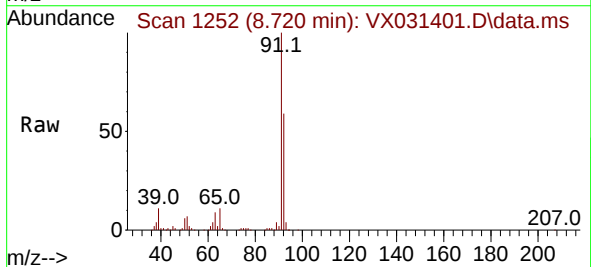
Reviewed By :John
Carlone

09/17/2022
Supervised By :Mahesh
Dadoda

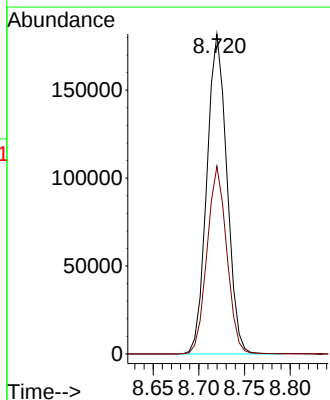
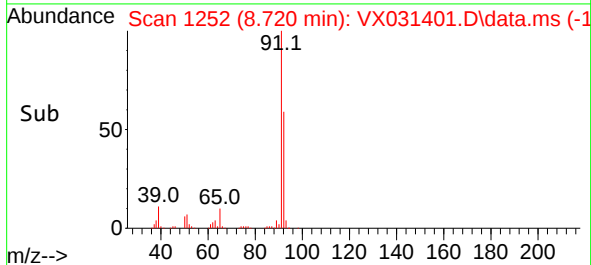
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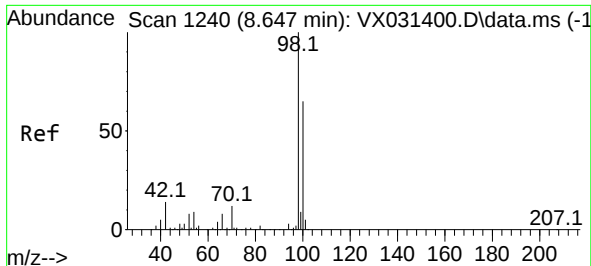


#62
Toluene
Concen: 54.586 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03



Tgt Ion: 91 Resp: 277073
Ion Ratio Lower Upper
91 100
92 57.6 48.1 72.1





#63
Toluene-d8
Concen: 30.456 ug/l
RT: 8.653 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

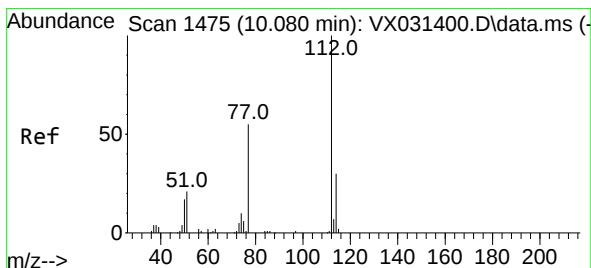
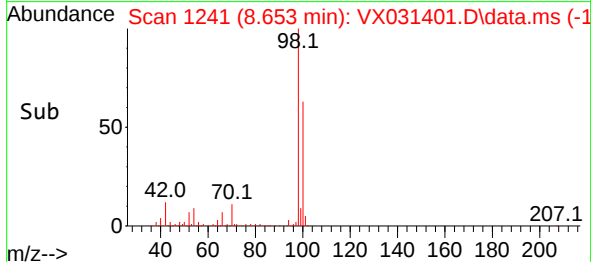
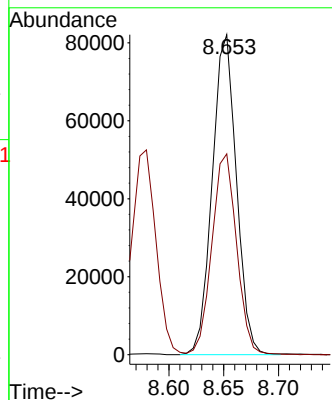
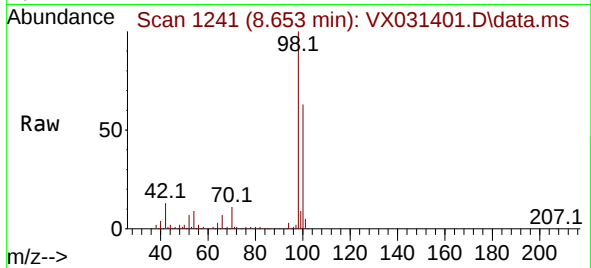
Tgt Ion: 98 Resp: 126014
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

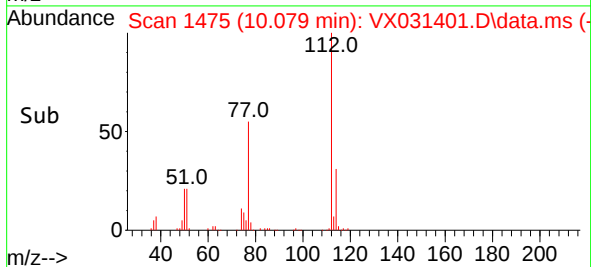
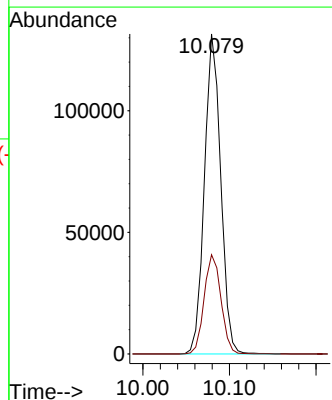
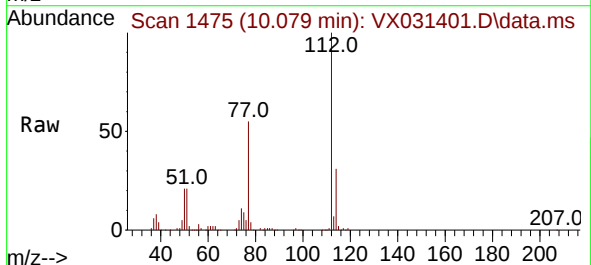
09/17/2022
Supervised By :Mahesh
Dadoda

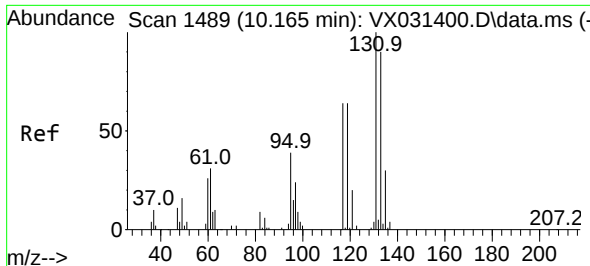
09/19/2022



#64
Chlorobenzene
Concen: 56.740 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

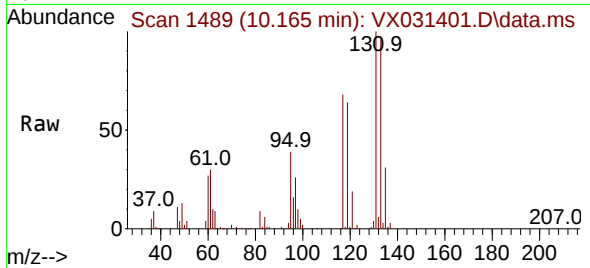
Tgt Ion:112 Resp: 172000
Ion Ratio Lower Upper
112 100
114 31.0 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 60.340 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



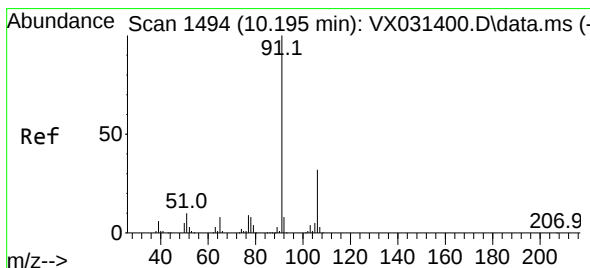
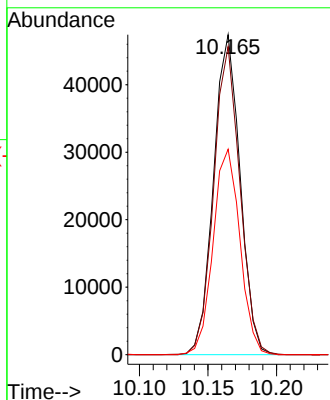
Tgt Ion:131 Resp: 6378
Ion Ratio Lower Upper
131 100
133 95.3 0.0 197.2
119 65.0 0.0 127.4

Manual Integrations
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Reviewed By :John
Carlone

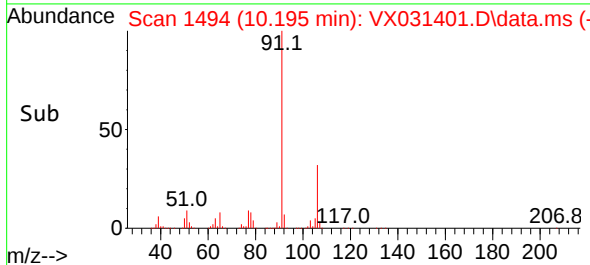
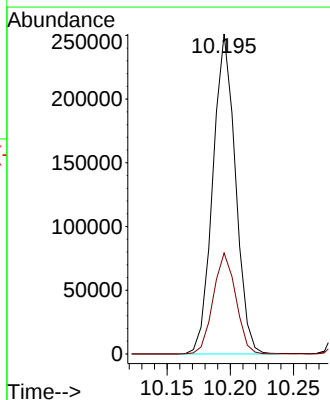
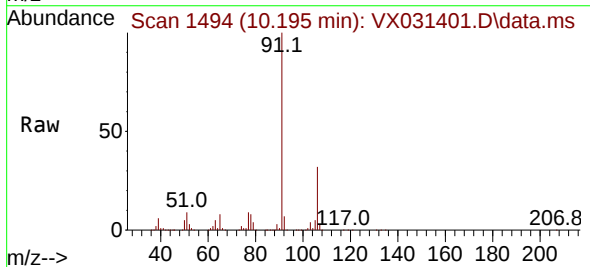
09/17/2022
Supervised By :Mahesh
Dadoda

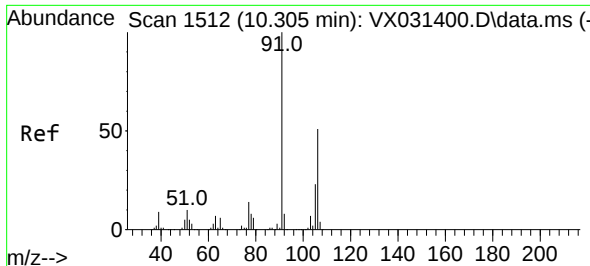
09/19/2022



#66
Ethyl Benzene
Concen: 57.879 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

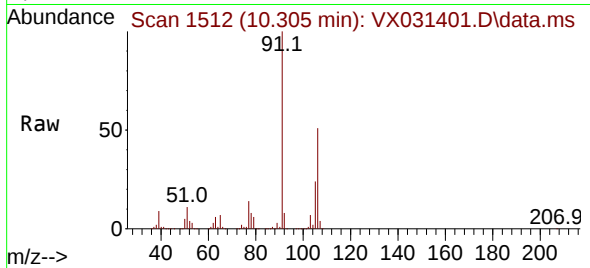
Tgt Ion: 91 Resp: 312202
Ion Ratio Lower Upper
91 100
106 31.6 25.8 38.8





#67
m/p-Xylenes
Concen: 123.912 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



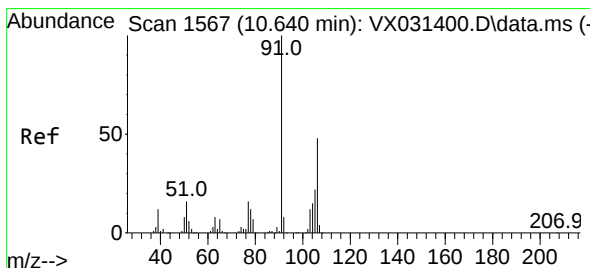
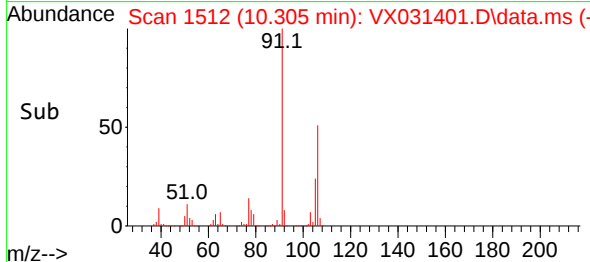
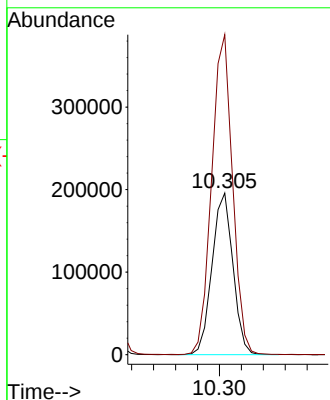
Tgt Ion:106 Resp: 25936
Ion Ratio Lower Upper
106 100
91 198.3 159.5 239.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

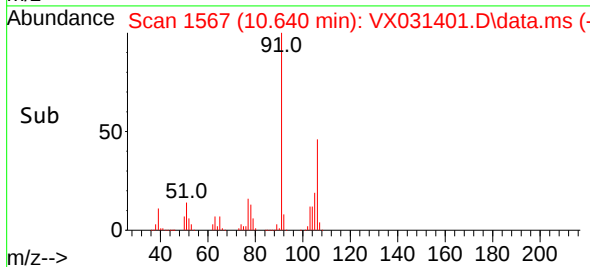
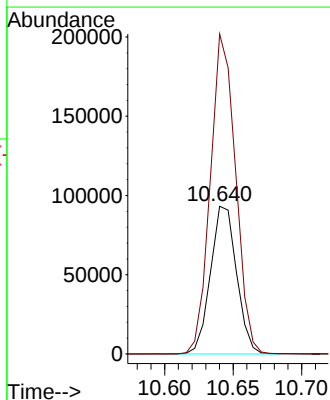
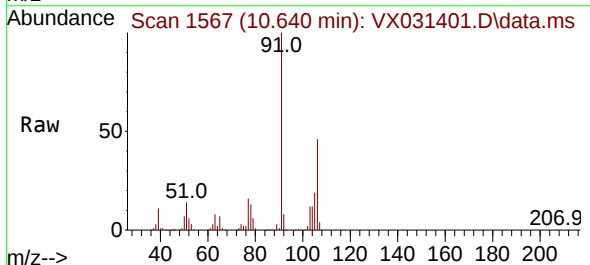
09/17/2022
Supervised By :Mahesh
Dadoda

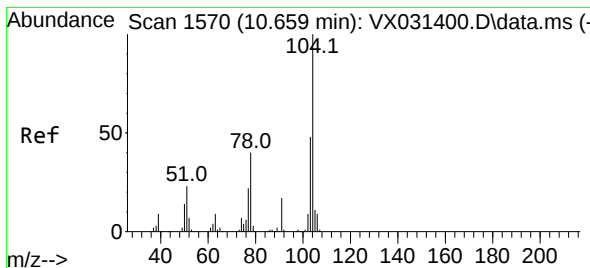
09/19/2022



#68
o-Xylene
Concen: 59.162 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Tgt Ion:106 Resp: 123316
Ion Ratio Lower Upper
106 100
91 209.5 105.4 316.2





#69

Styrene

Concen: 61.432 ug/l

RT: 10.658 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX031401.D

Acq: 16 Sep 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion:104	Resp: 21189
Ion Ratio	Lower Upper
104 100	
78 50.3	39.7 59.5
103 54.8	42.7 64.1

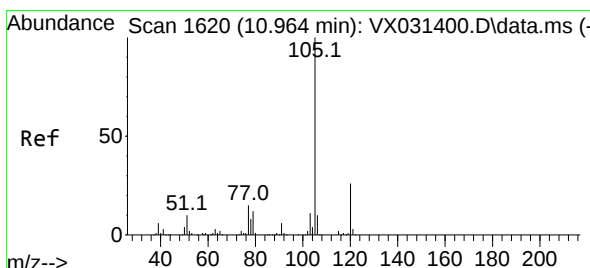
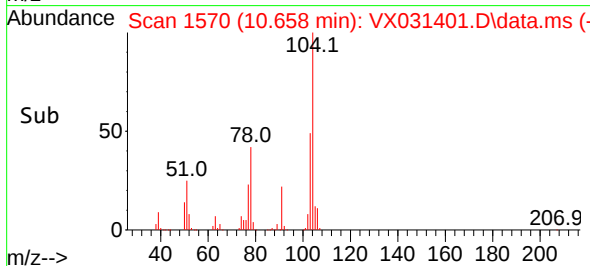
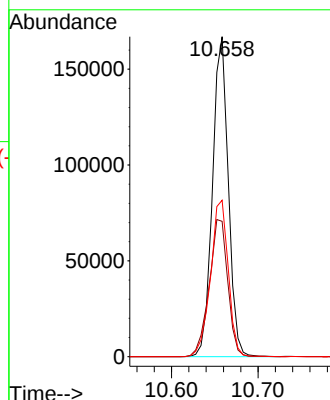
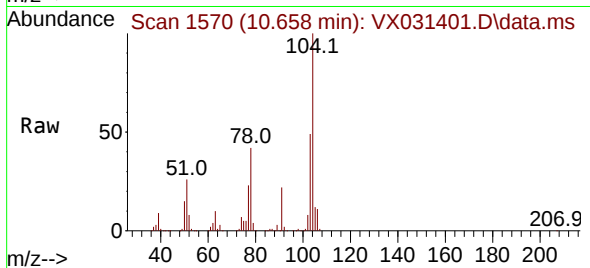
Manual Integrations
APPROVED

Reviewed By :John
Carlone

09/17/2022

Supervised By :Mahesh
Dadoda

09/19/2022



#70

Isopropylbenzene

Concen: 62.421 ug/l

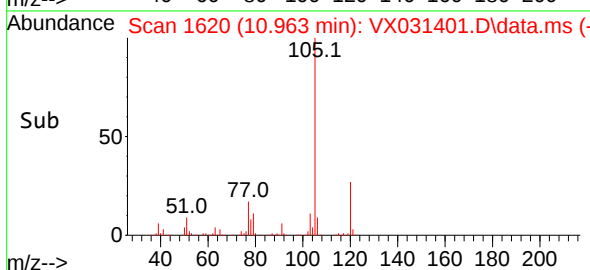
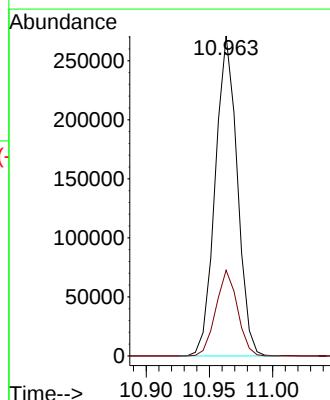
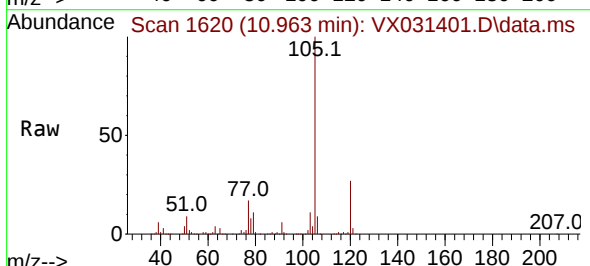
RT: 10.963 min Scan# 1620

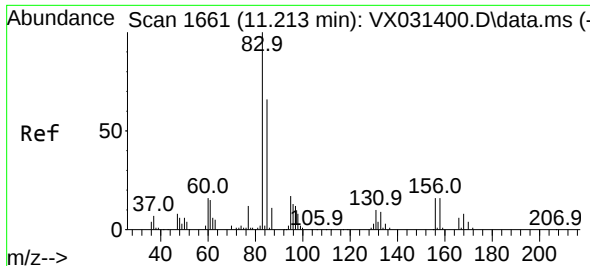
Delta R.T. -0.000 min

Lab File: VX031401.D

Acq: 16 Sep 2022 11:03

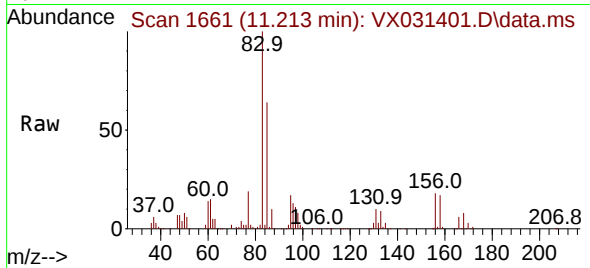
Tgt Ion:105	Resp: 327587
Ion Ratio	Lower Upper
105 100	
120 26.3	18.8 34.8





#71
1,1,2,2-Tetrachloroethane
Concen: 55.117 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



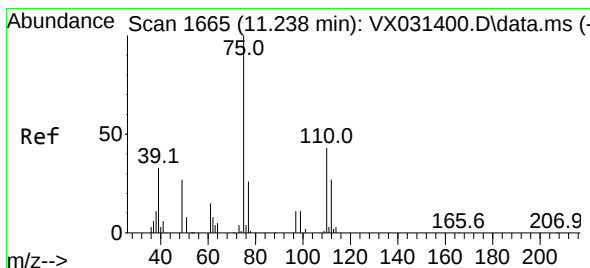
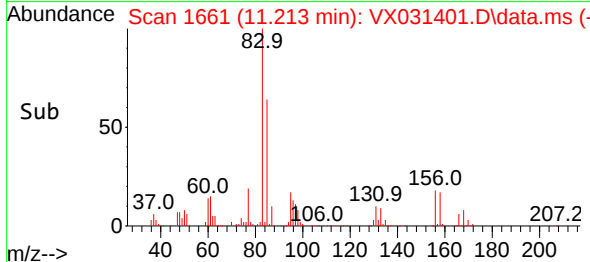
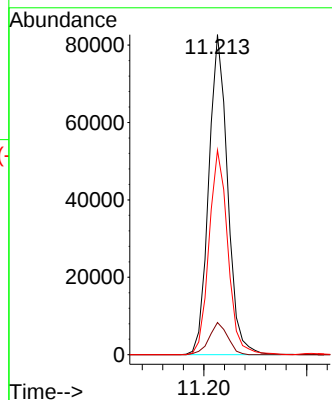
Tgt Ion: 83 Resp: 10518
Ion Ratio Lower Upper
83 100
131 9.9 5.8 17.3
85 63.8 32.0 96.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

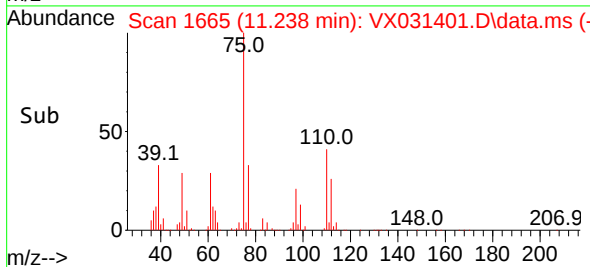
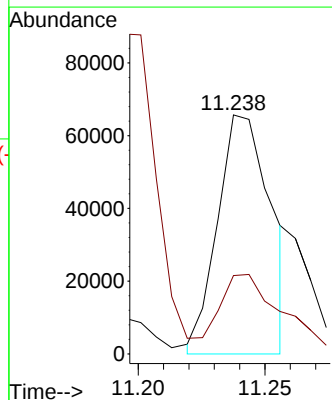
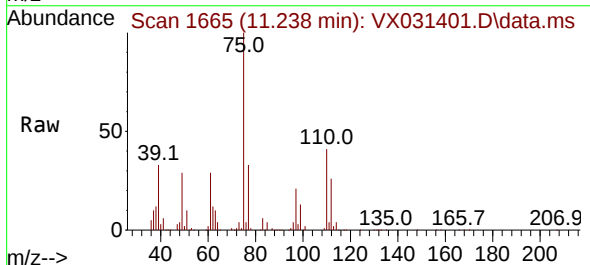
09/17/2022
Supervised By :Mahesh
Dadoda

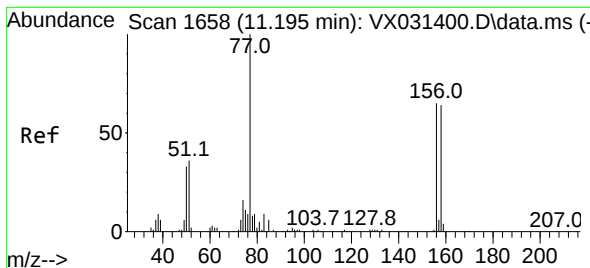
09/19/2022



#72
1,2,3-Trichloropropane
Concen: 55.629 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Tgt Ion: 75 Resp: 95430
Ion Ratio Lower Upper
75 100
77 40.7 0.0 78.6





#73

Bromobenzene

Concen: 61.714 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX031401.D

Acq: 16 Sep 2022 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion:	156	Resp:	77664
Ion Ratio	Lower	Upper	
156	100		
77	150.9	0.0	297.6
158	94.8	0.0	188.4

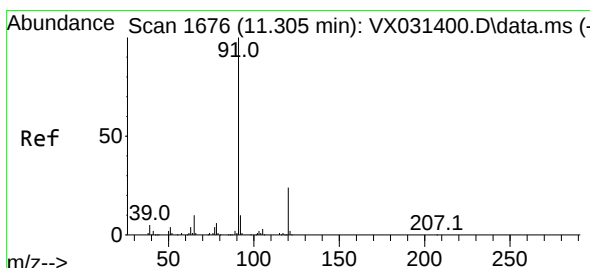
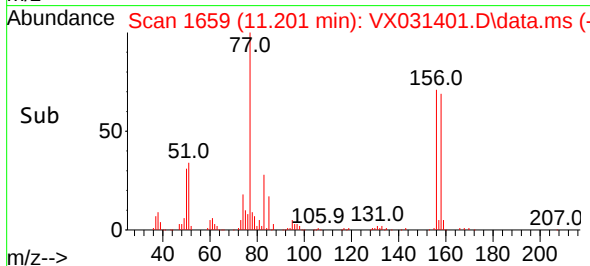
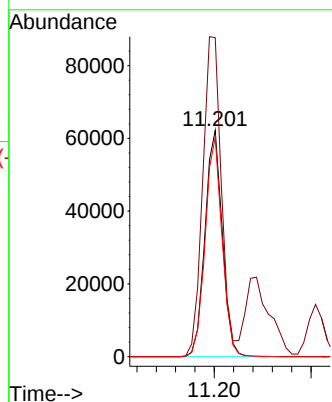
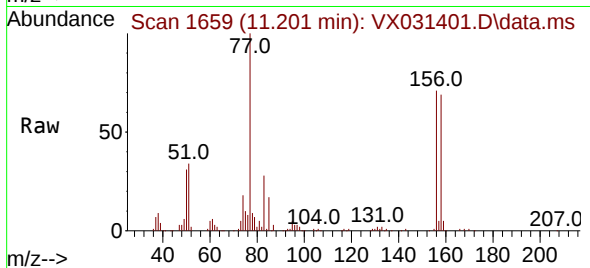
Manual Integrations
APPROVED

Reviewed By :John
Carlone

09/17/2022

Supervised By :Mahesh
Dadoda

09/19/2022



#74

n-propylbenzene

Concen: 62.719 ug/l

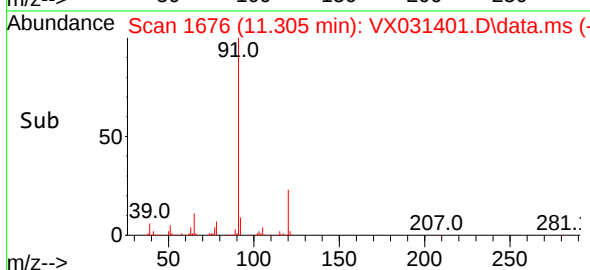
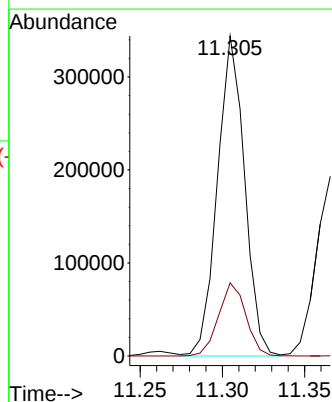
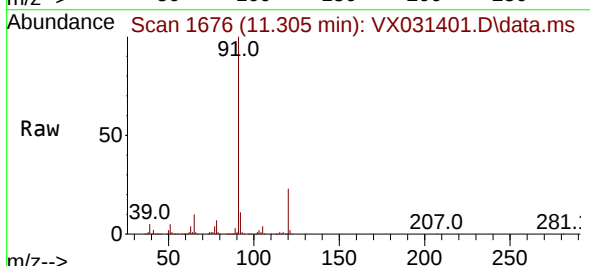
RT: 11.305 min Scan# 1676

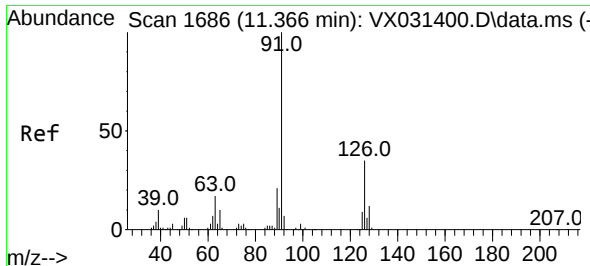
Delta R.T. -0.000 min

Lab File: VX031401.D

Acq: 16 Sep 2022 11:03

Tgt Ion:	91	Resp:	394844
Ion Ratio	Lower	Upper	
91	100		
120	23.0	0.0	48.0





#75
2-Chlorotoluene
Concen: 62.581 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

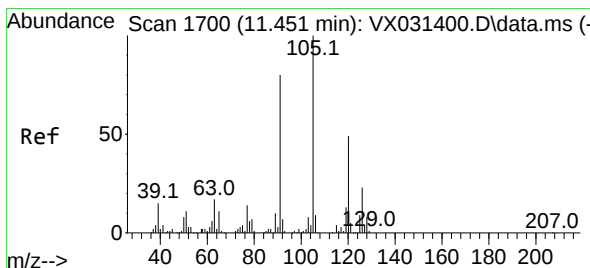
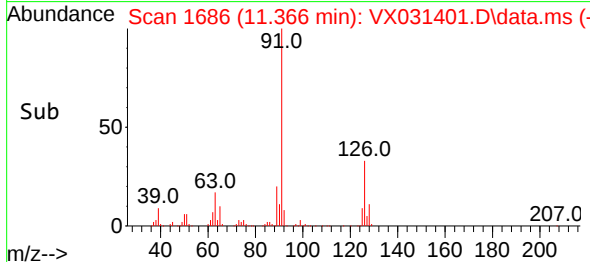
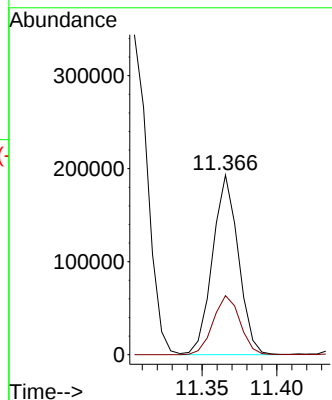
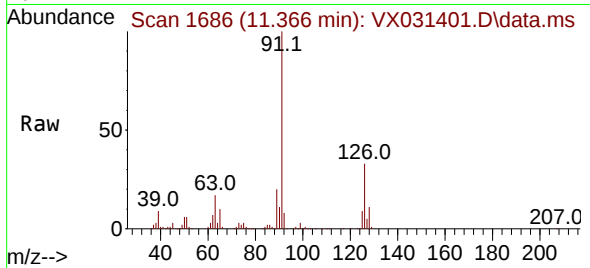
Tgt Ion: 91 Resp: 232000
Ion Ratio Lower Upper
91 100
126 34.1 0.0 68.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

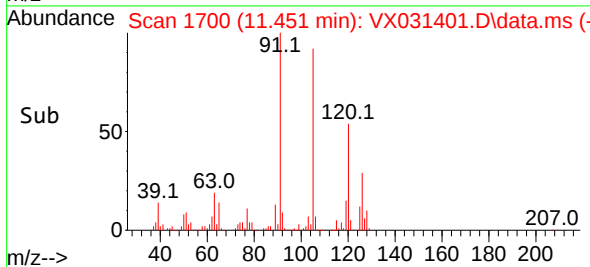
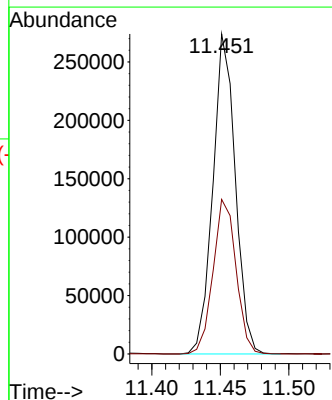
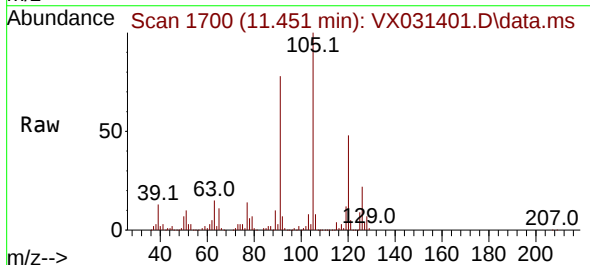
09/17/2022
Supervised By :Mahesh
Dadoda

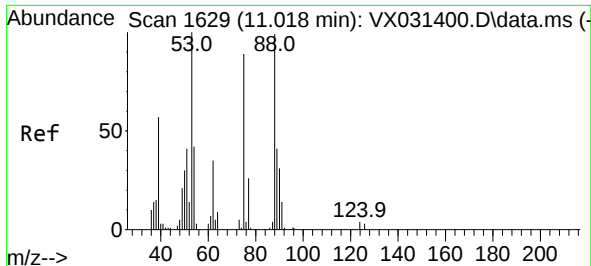
09/19/2022



#76
1,3,5-Trimethylbenzene
Concen: 70.755 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Tgt Ion:105 Resp: 311759
Ion Ratio Lower Upper
105 100
120 49.5 0.0 98.0





#77
t-1,4-Dichloro-2-butene
Concen: 56.828 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

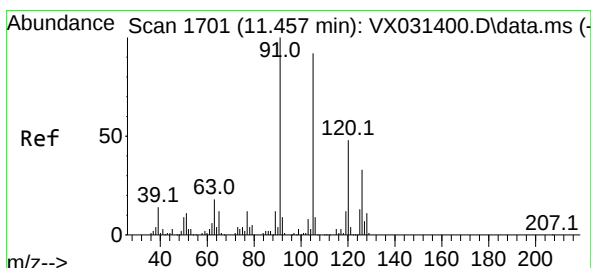
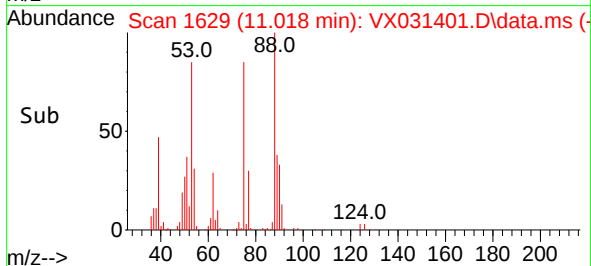
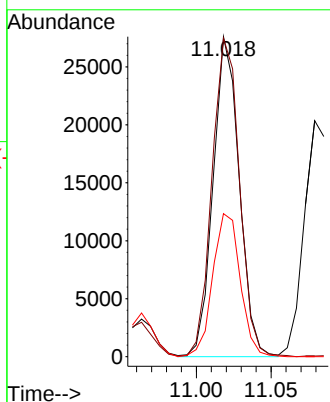
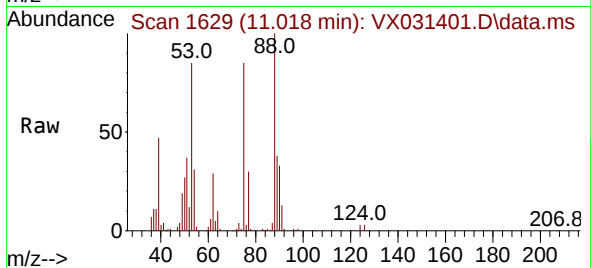
Tgt Ion: 75 Resp: 3353
Ion Ratio Lower Upper
75 100
53 99.7 59.7 179.1
89 44.8 23.1 69.2

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Reviewed By :John
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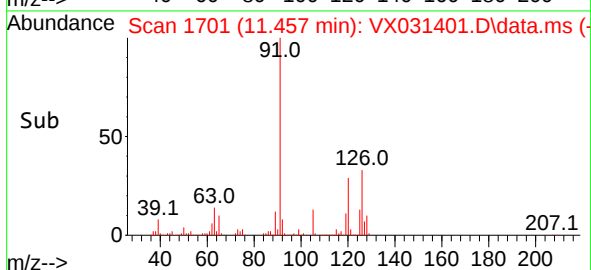
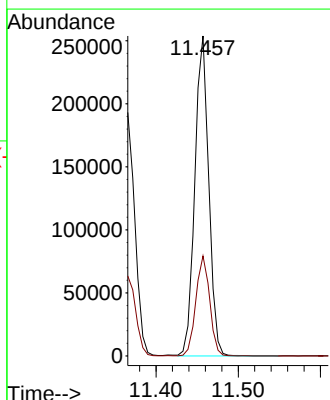
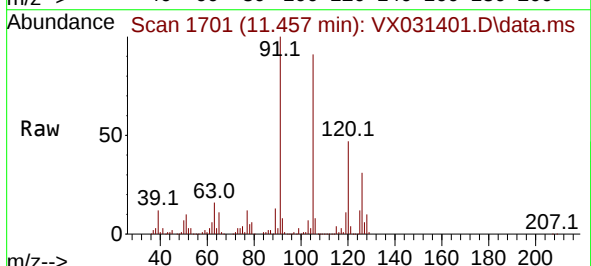
09/17/2022
Supervised By :Mahesh
Dadoda

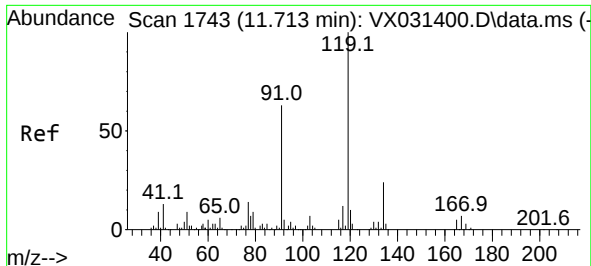
09/19/2022



#78
4-Chlorotoluene
Concen: 71.574 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

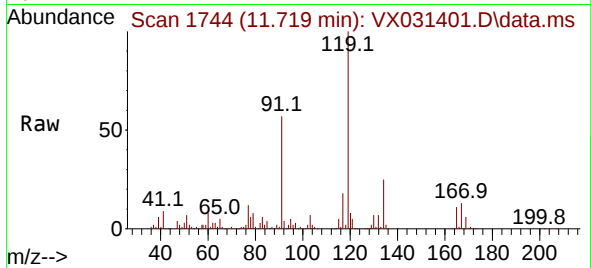
Tgt Ion: 91 Resp: 297804
Ion Ratio Lower Upper
91 100
126 31.0 0.0 59.8





#79
tert-butylbenzene
Concen: 67.617 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



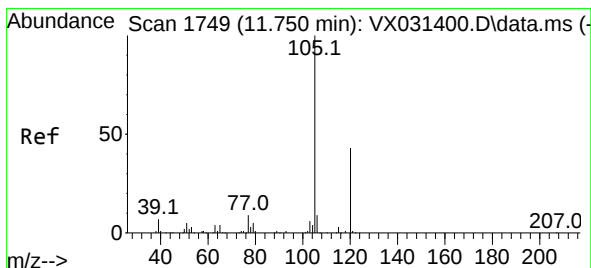
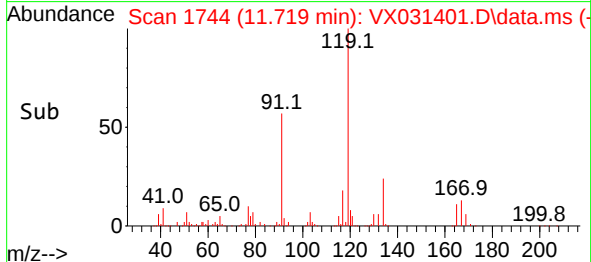
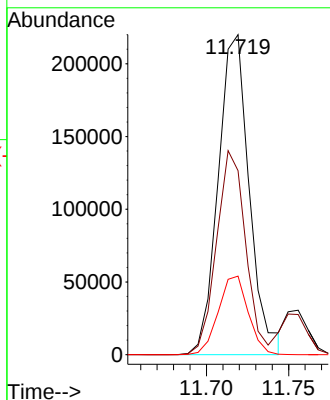
Tgt Ion:119 Resp: 289838
Ion Ratio Lower Upper
119 100
91 59.6 0.0 119.4
134 23.7 0.0 48.4

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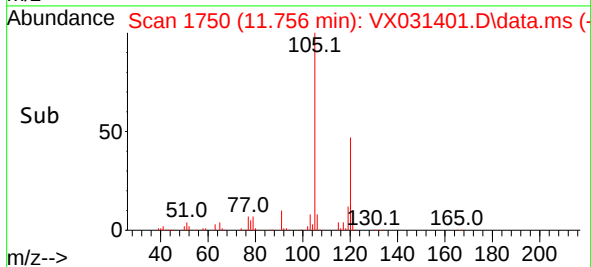
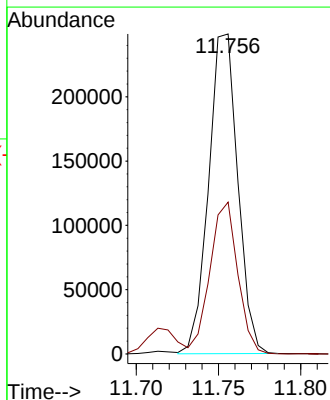
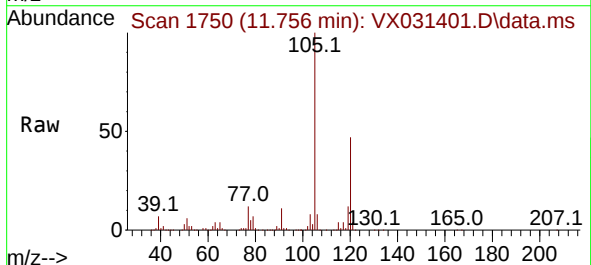
09/17/2022
Supervised By :Mahesh
Dadoda

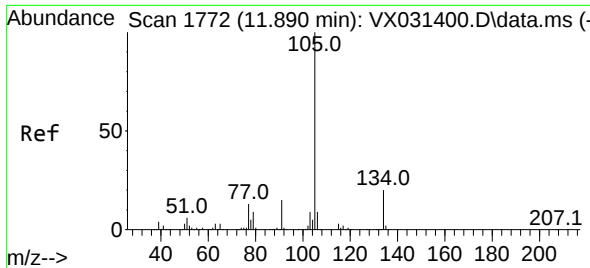
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#80
1,2,4-Trimethylbenzene
Concen: 67.821 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

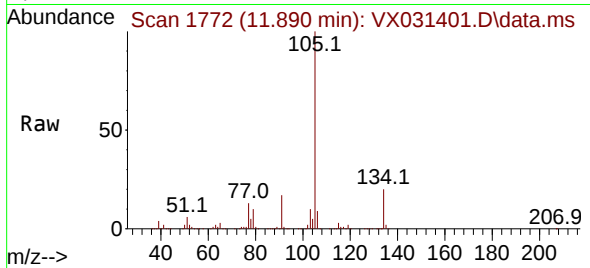
Tgt Ion:105 Resp: 307220
Ion Ratio Lower Upper
105 100
120 45.2 0.0 89.6





#81
 sec-Butylbenzene
 Concen: 64.389 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX031401.D
 Acq: 16 Sep 2022 11:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050



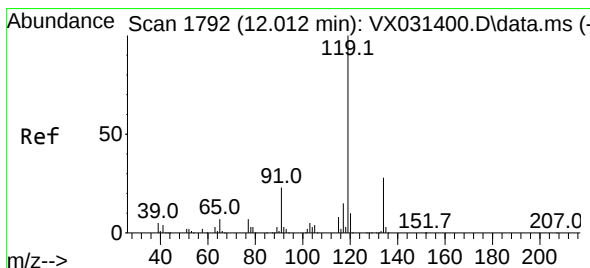
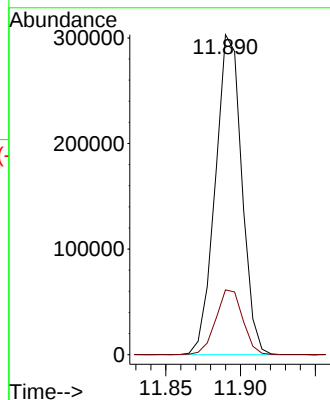
Tgt Ion:105 Resp: 373594
 Ion Ratio Lower Upper
 105 100
 134 20.6 0.0 41.2

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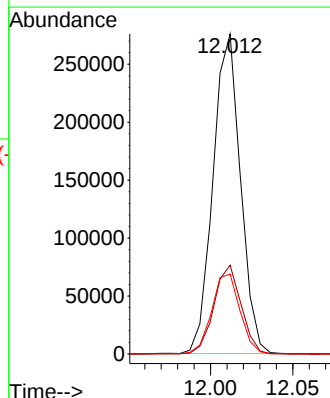
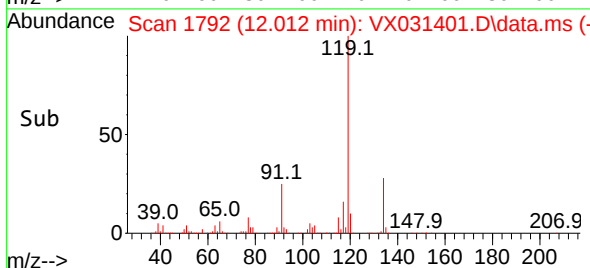
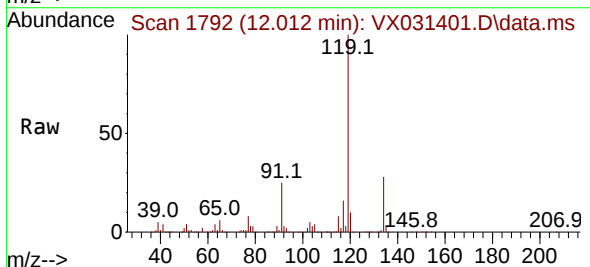
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 Supervised By :Mahesh
 Dadoda

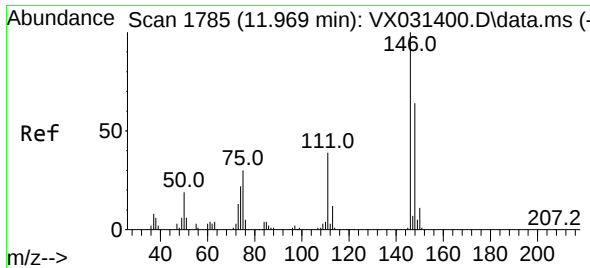
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#82
 p-Isopropyltoluene
 Concen: 68.318 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX031401.D
 Acq: 16 Sep 2022 11:03

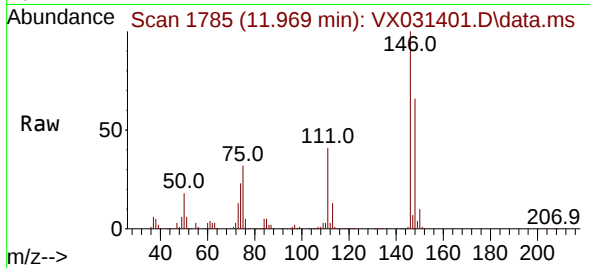
Tgt Ion:119 Resp: 319110
 Ion Ratio Lower Upper
 119 100
 134 27.6 0.0 52.4
 91 25.8 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 67.167 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



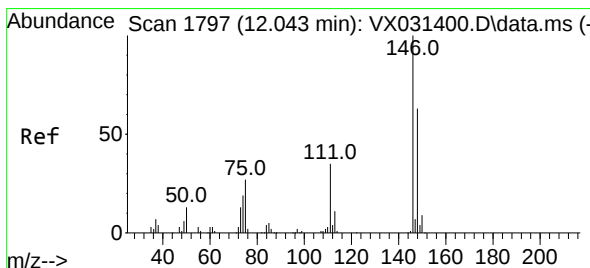
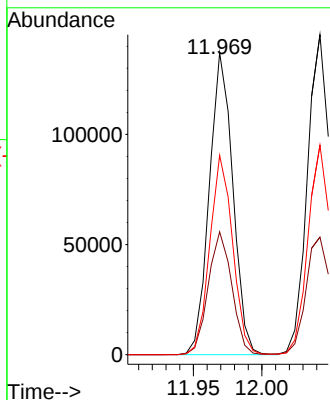
Tgt Ion:146 Resp: 163530
Ion Ratio Lower Upper
146 100
111 40.8 19.8 59.4
148 64.4 31.6 94.8

Manual Integrations
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Reviewed By :John
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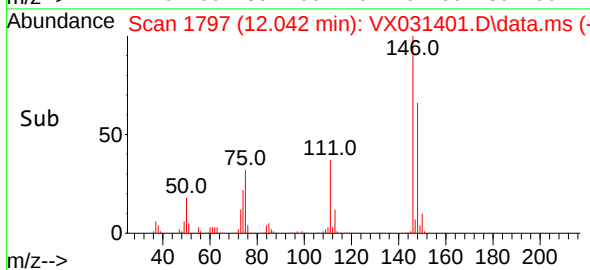
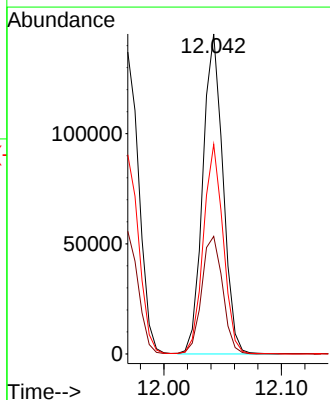
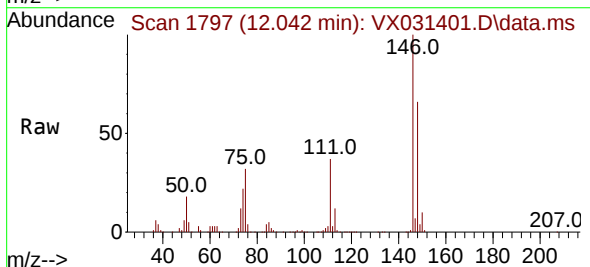
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Supervised By :Mahesh
Dadoda

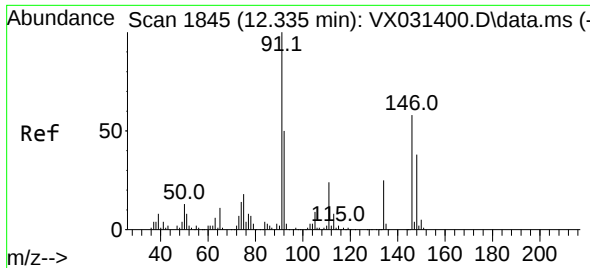
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#84
1,4-Dichlorobenzene
Concen: 70.118 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Tgt Ion:146 Resp: 173141
Ion Ratio Lower Upper
146 100
111 38.1 19.2 57.6
148 63.8 32.3 96.8





#85
n-Butylbenzene
Concen: 63.526 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

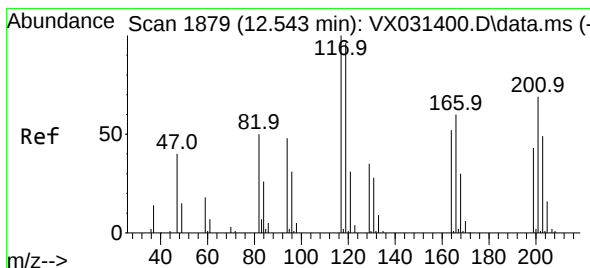
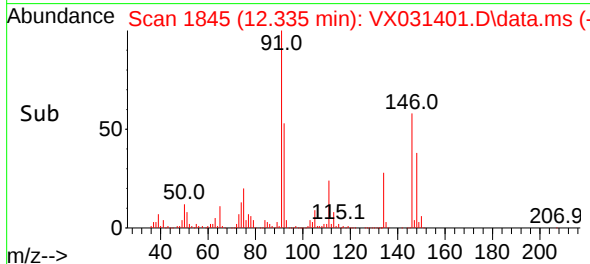
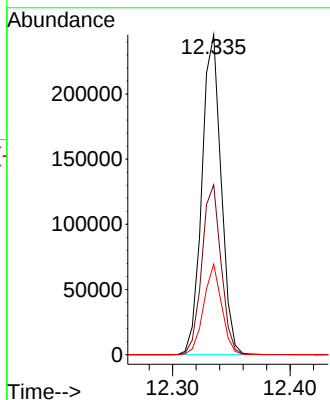
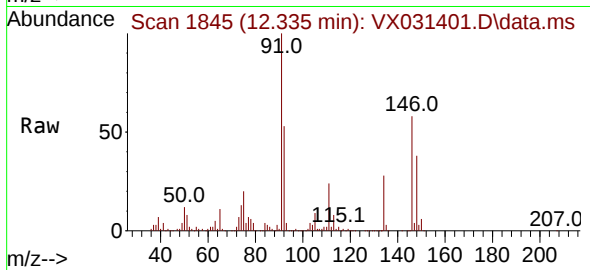
Tgt Ion: 91 Resp: 27845
Ion Ratio Lower Upper
91 100
92 53.0 0.0 109.4
134 26.5 0.0 56.4

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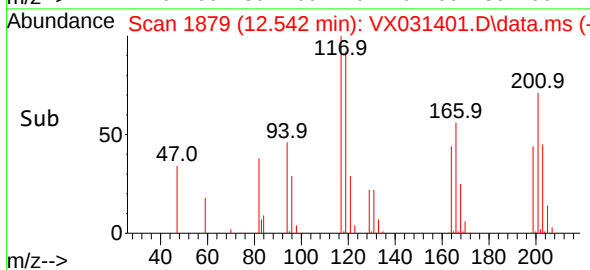
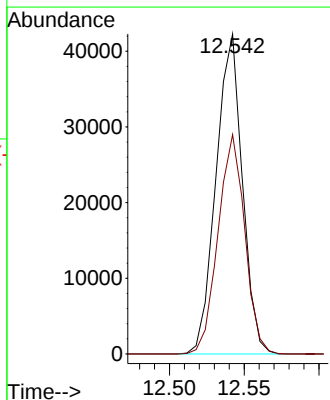
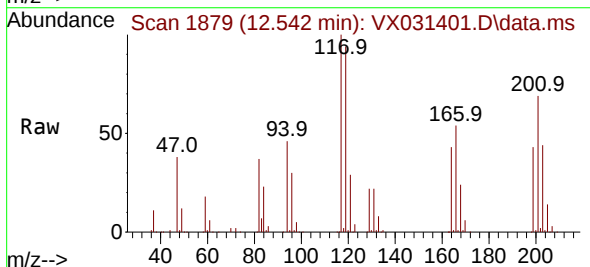
09/17/2022
Supervised By :Mahesh
Dadoda

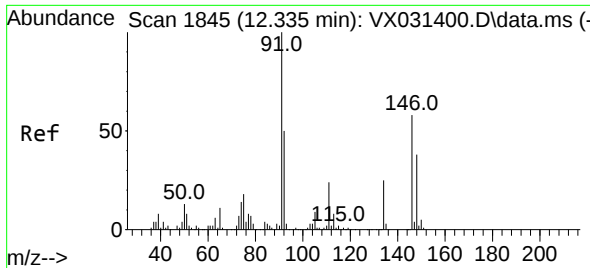
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#86
Hexachloroethane
Concen: 66.753 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

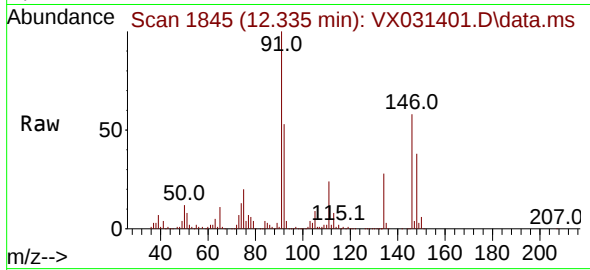
Tgt Ion:117 Resp: 51804
Ion Ratio Lower Upper
117 100
201 69.5 39.5 118.5





#87
1,2-Dichlorobenzene
Concen: 69.093 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



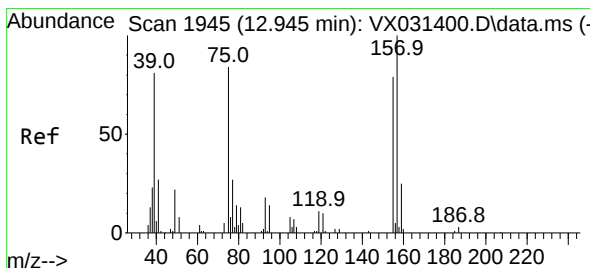
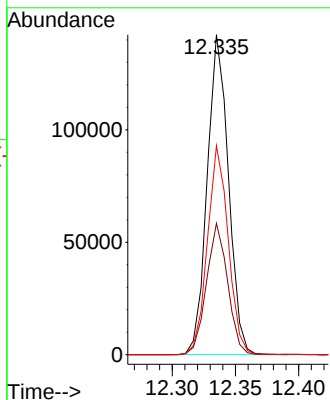
Tgt Ion:146 Resp: 166110
Ion Ratio Lower Upper
146 100
111 40.9 21.1 63.3
148 64.2 31.4 94.2

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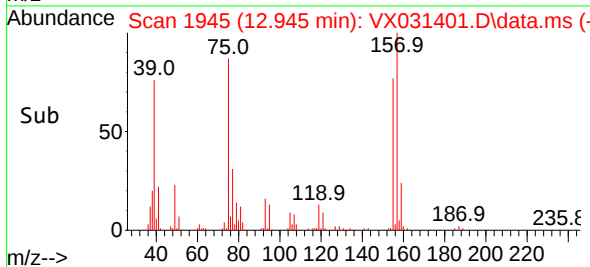
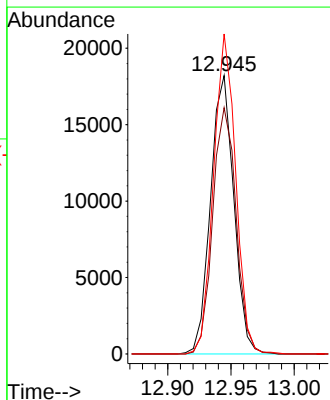
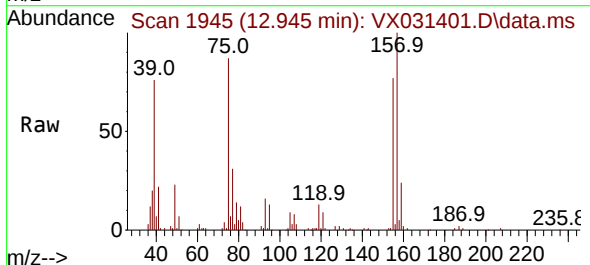
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Supervised By :Mahesh
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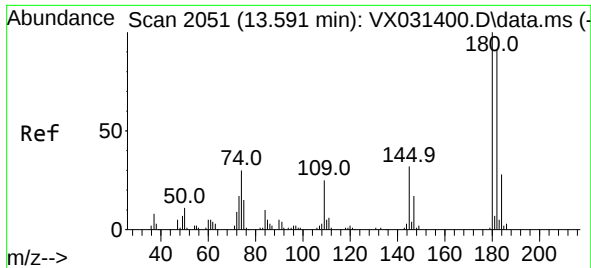
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#88
1,2-Dibromo-3-Chloropropane
Concen: 53.616 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

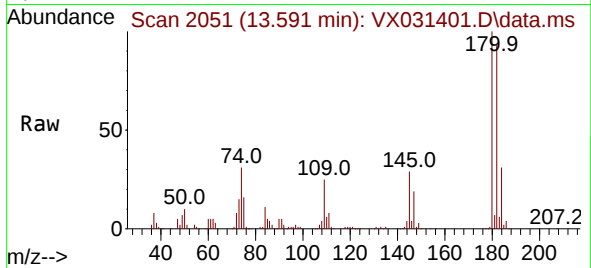
Tgt Ion: 75 Resp: 23335
Ion Ratio Lower Upper
75 100
155 88.8 74.3 111.5
157 108.9 97.3 145.9





#89
1,2,4-Trichlorobenzene
Concen: 58.368 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



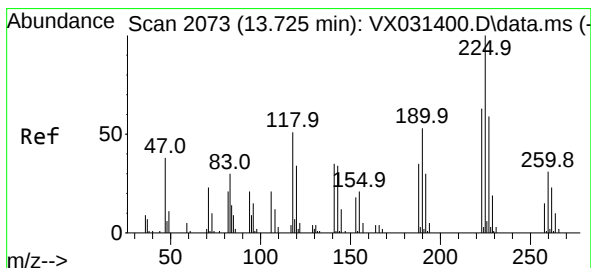
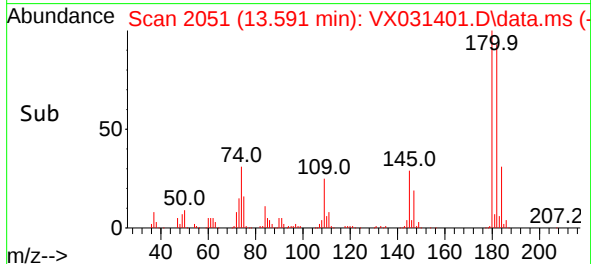
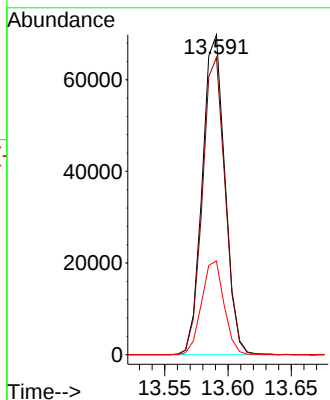
Tgt Ion:180 Resp: 86880
Ion Ratio Lower Upper
180 100
182 93.2 77.4 116.2
145 29.2 24.2 36.4

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Reviewed By :John
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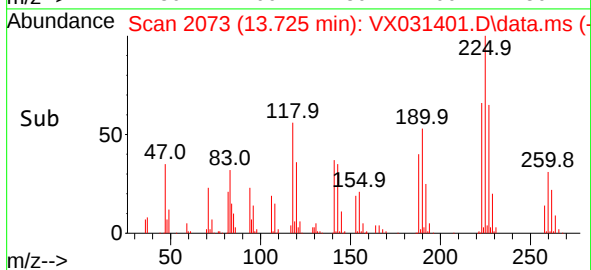
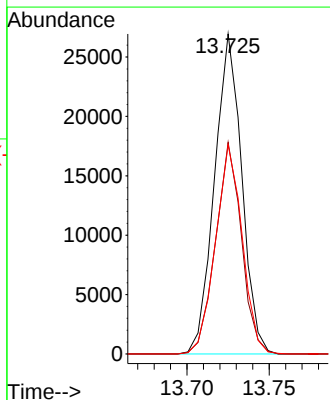
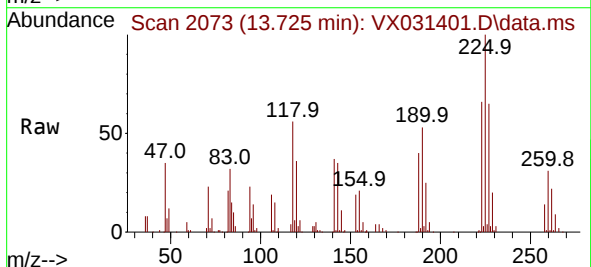
09/17/2022
Supervised By :Mahesh
Dadoda

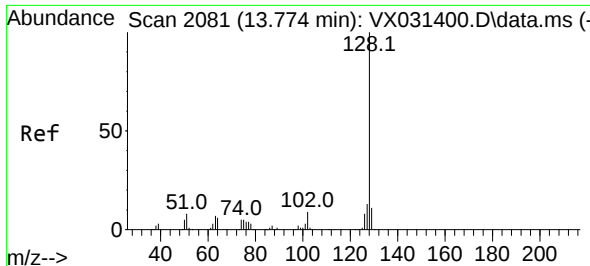
09/19/2022



#90
Hexachlorobutadiene
Concen: 55.052 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

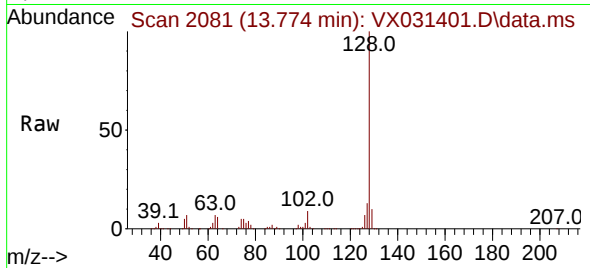
Tgt Ion:225 Resp: 31079
Ion Ratio Lower Upper
225 100
223 62.8 0.0 126.0
227 63.9 0.0 125.0





#91
Naphthalene
Concen: 53.523 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



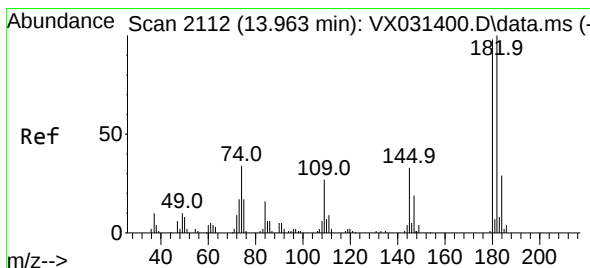
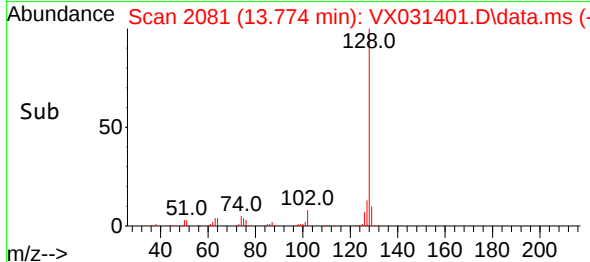
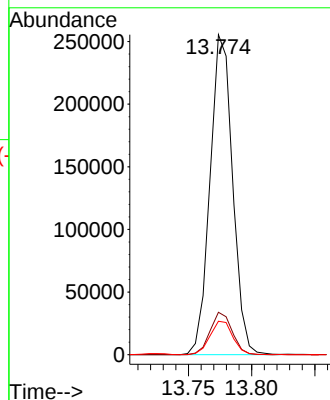
Tgt Ion:128 Resp: 31757
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.6 8.8 13.2

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Dadoda

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#92
1,2,3-Trichlorobenzene
Concen: 56.055 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX031401.D
Acq: 16 Sep 2022 11:03

Tgt Ion:180 Resp: 84994
Ion Ratio Lower Upper
180 100
182 97.8 0.0 189.4
145 33.3 0.0 67.2

