

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112423\
 Data File : VX039013.D
 Acq On : 24 Nov 2023 09:22
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Nov 27 03:05:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:05:03 2023
 Response via : Initial Calibration

11/27/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Bromochloromethane	4.891	128	10750	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	86852	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	107819	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	46060	31.319	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.400%
60) 4-Bromofluorobenzene	11.079	95	68271	28.990	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.633%
63) Toluene-d8	8.647	98	128478	30.139	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.467%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	8918	5.543	ug/l	97
3) Chloromethane	1.294	50	10280	5.580	ug/l	98
4) Vinyl Chloride	1.374	62	10283	5.529	ug/l	100
5) Bromomethane	1.605	94	6847	6.019	ug/l	97
6) Chloroethane	1.685	64	6468	5.786	ug/l	97
7) Trichlorofluoromethane	1.886	101	14718	5.733	ug/l	97
8) Diethyl Ether	2.136	74	5331	5.410	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	8405	5.794	ug/l	99
10) 1,1-Dichloroethene	2.319	96	8223	5.624	ug/l	98
11) Methyl Iodide	2.453	142	7740	4.830	ug/l	87
12) Methyl Acetate	2.697	43	22688	4.975	ug/l	99
13) Acrolein	2.233	56	12113	30.319	ug/l	99
14) Acrylonitrile	3.056	53	29706	26.632	ug/l	97
15) Acetone	2.374	58	18206	44.903	ug/l	100
16) Carbon Disulfide	2.514	76	23814	5.377	ug/l	98
17) Allyl chloride	2.666	41	15704	5.410	ug/l	92
18) Methylene Chloride	2.788	84	10143	5.852	ug/l	95
19) trans-1,2-Dichloroethene	3.087	96	9311	5.630	ug/l	89
20) Diisopropyl ether	3.751	45	29377	5.318	ug/l #	82
21) 1,1-Dichloroethane	3.605	63	16528	5.381	ug/l	96
22) cis-1,2-Dichloroethene	4.483	96	10243	5.344	ug/l	98
23) tert-Butyl Alcohol	2.947	59	17927	29.031	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	27907	5.181	ug/l	94
25) Chloroform	5.086	83	16742	5.431	ug/l	88
26) Cyclohexane	5.464	56	15740	5.662	ug/l #	99
29) 1,1-Dichloropropene	5.690	75	13025	5.350	ug/l	97
30) 2-Butanone	4.550	43	67598	36.877	ug/l	100
31) 2,2-Dichloropropane	4.477	77	15283	5.490	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	14747	5.240	ug/l	98
33) Carbon Tetrachloride	5.672	117	11982	5.055	ug/l	94
34) Benzene	6.031	78	36712	5.176	ug/l	97
35) Methacrylonitrile	4.916	41	8446	5.202	ug/l	88
36) 1,2-Dichloroethane	6.086	62	13734	5.277	ug/l #	93
37) Trichloroethene	7.129	130	9215	5.119	ug/l	98
38) Methylcyclohexane	7.379	83	15857	5.227	ug/l	97
39) 1,2-Dichloropropane	7.428	63	9764	5.220	ug/l	94
40) Dibromomethane	7.580	93	6631	5.017	ug/l	98
41) Bromodichloromethane	7.818	83	12919	5.088	ug/l #	94
42) Vinyl Acetate	3.715	43	114207	26.158	ug/l	99

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 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

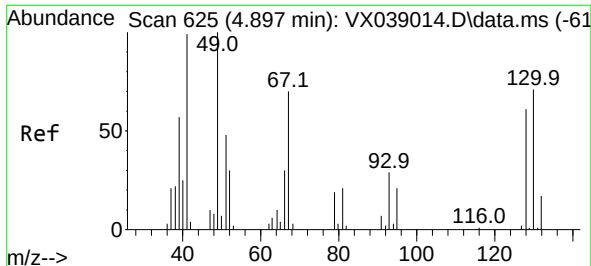
Reviewed By :John
 Carlone

Quant Time: Nov 27 03:05:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
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11/27/2023
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 Dadoda

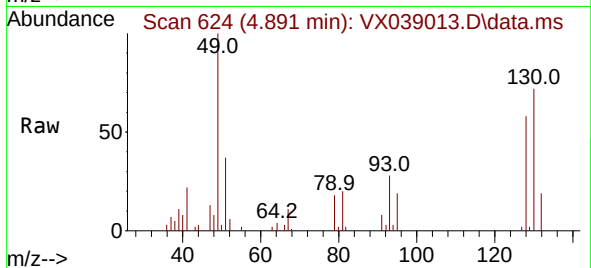
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	14579	4.623	ug/l	95
44) Isopropyl Acetate	6.336	43	24814	4.991	ug/l	100
45) 1,4-Dioxane	7.653	88	4524	89.140	ug/l #	91
46) Methyl methacrylate	7.690	41	14030	4.936	ug/l	98
47) n-amyl Acetate	10.842	43	19135	4.547	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	14240	4.837	ug/l	94
49) cis-1,3-Dichloropropene	8.366	75	15243	5.019	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	9096	5.067	ug/l	95
51) Ethyl methacrylate	9.116	69	11228	4.996	ug/l	94
52) 1,3-Dichloropropane	9.305	76	15837	5.144	ug/l	97
53) Dibromochloromethane	9.519	129	9689	5.025	ug/l	95
54) 1,2-Dibromoethane	9.604	107	9871	5.014	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	35235	24.750	ug/l	99
56) Bromoform	10.799	173	6667	4.791	ug/l	96
58) 4-Methyl-2-Pentanone	8.568	43	85084	26.023	ug/l	100
59) 2-Hexanone	9.427	43	86038	32.058	ug/l	99
61) Tetrachloroethene	9.269	164	7767	5.541	ug/l	93
62) Toluene	8.714	91	40518	5.293	ug/l	99
64) Chlorobenzene	10.079	112	24587	5.280	ug/l	94
65) 1,1,1,2-Tetrachloroethane	10.159	131	8693	5.184	ug/l	97
66) Ethyl Benzene	10.195	91	45353	5.203	ug/l	94
67) m/p-Xylenes	10.299	106	34270	10.640	ug/l	96
68) o-Xylene	10.640	106	15802	5.065	ug/l	98
69) Styrene	10.653	104	22600	4.894	ug/l	99
70) Isopropylbenzene	10.957	105	43162	5.171	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	15649	5.022	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	13235m	3.696	ug/l	
73) Bromobenzene	11.195	156	9864	5.190	ug/l	96
74) n-propylbenzene	11.305	91	53341	5.215	ug/l	99
75) 2-Chlorotoluene	11.366	91	31098	5.183	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	36667	5.099	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	4951	4.738	ug/l	93
78) 4-Chlorotoluene	11.451	91	36162	5.126	ug/l	99
79) tert-butylbenzene	11.713	119	36055	5.273	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	36384	5.055	ug/l	98
81) sec-Butylbenzene	11.890	105	44689	5.170	ug/l	99
82) p-Isopropyltoluene	12.006	119	36309	4.956	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	18597	5.113	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	19303	5.172	ug/l	99
85) n-Butylbenzene	12.329	91	36015	4.978	ug/l	97
86) Hexachloroethane	12.536	117	6648	4.789	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	18312	5.236	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	3825	4.799	ug/l	97
89) 1,2,4-Trichlorobenzene	13.585	180	11269	4.860	ug/l	92
90) Hexachlorobutadiene	13.719	225	4172	5.039	ug/l	96
91) Naphthalene	13.774	128	41183	4.816	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	11361	5.058	ug/l	96

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



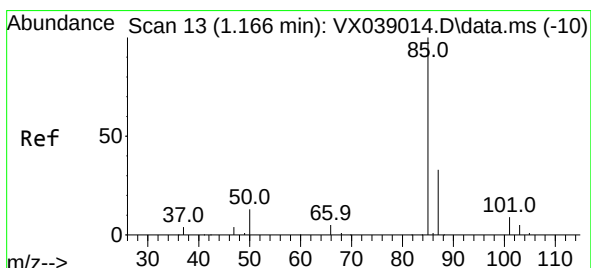
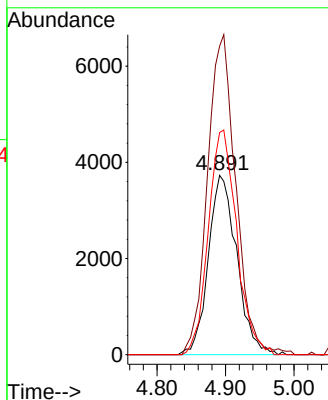
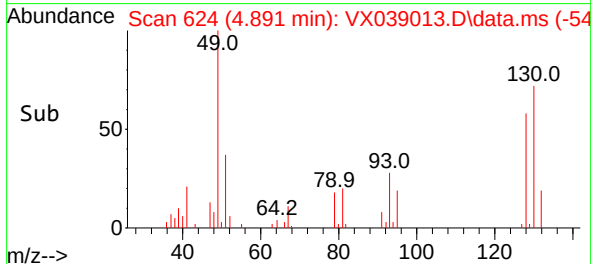
Tgt Ion:128 Resp: 10750
Ion Ratio Lower Upper
128 100
49 176.5 0.0 444.0
130 125.3 0.0 297.8

Manual Integrations
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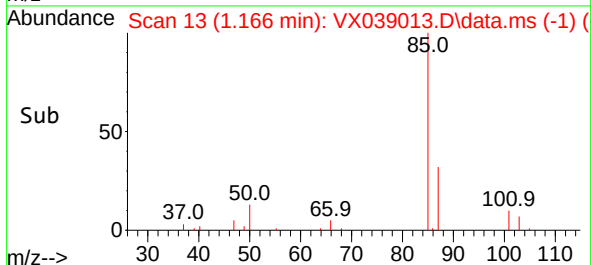
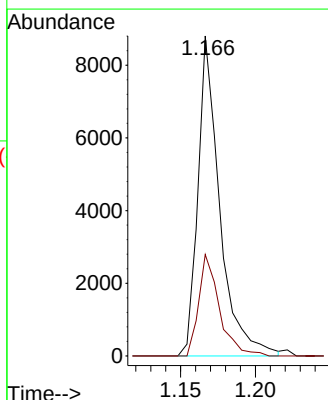
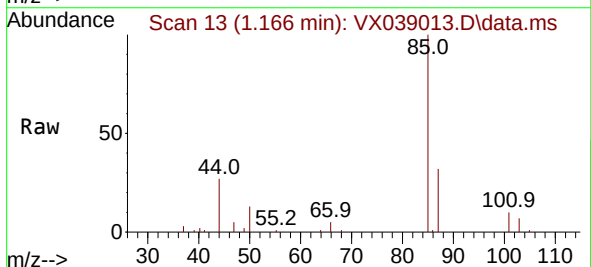
11/27/2023
Supervised By :Mahesh
Dadoda

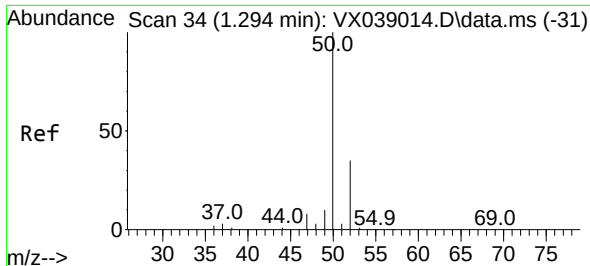
11/27/2023



#2
Dichlorodifluoromethane
Concen: 5.543 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

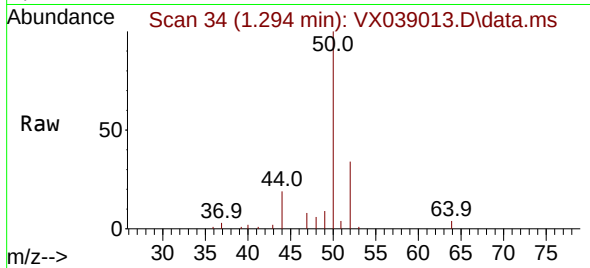
Tgt Ion: 85 Resp: 8918
Ion Ratio Lower Upper
85 100
87 31.7 16.7 50.1





#3
Chloromethane
Concen: 5.580 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



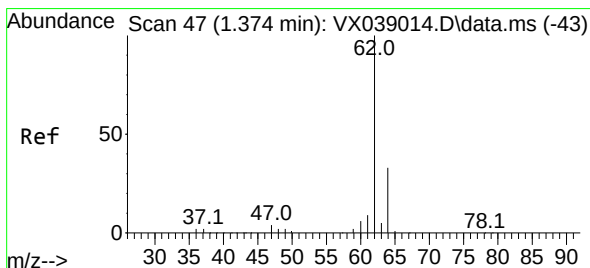
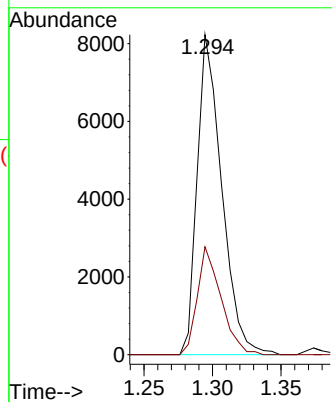
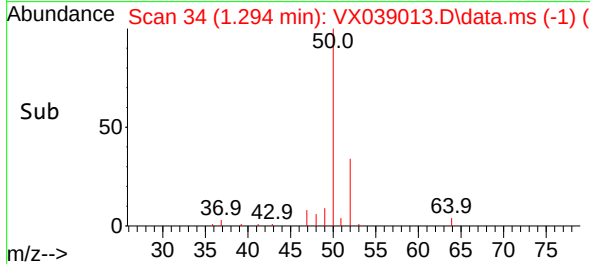
Tgt Ion: 50 Resp: 10280
Ion Ratio Lower Upper
50 100
52 33.7 27.8 41.8

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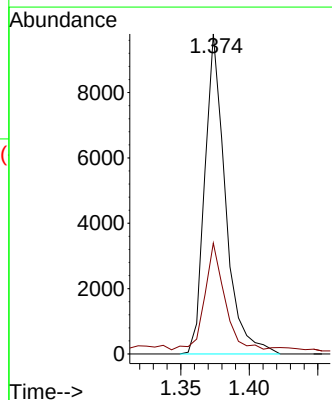
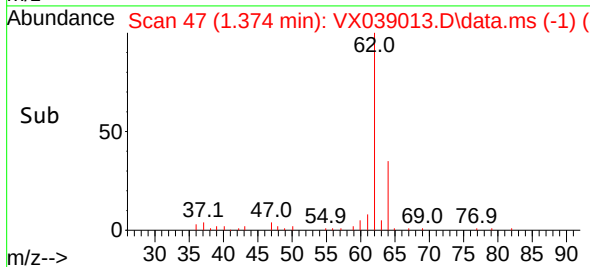
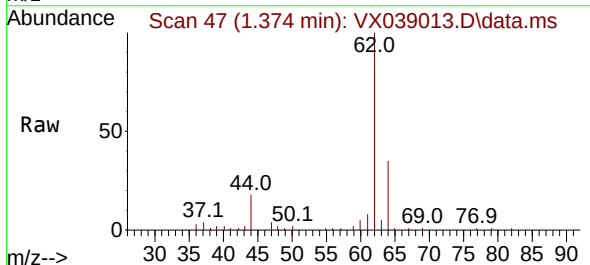
11/27/2023
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Dadoda

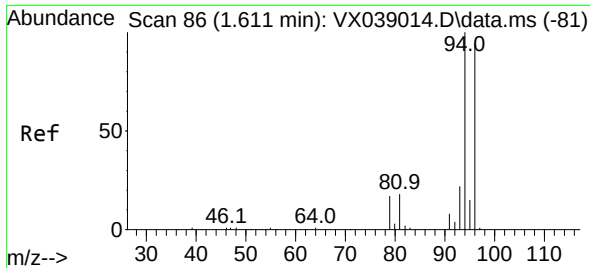
11/27/2023



#4
Vinyl Chloride
Concen: 5.529 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 62 Resp: 10283
Ion Ratio Lower Upper
62 100
64 32.7 26.3 39.5





#5
Bromomethane
Concen: 6.019 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

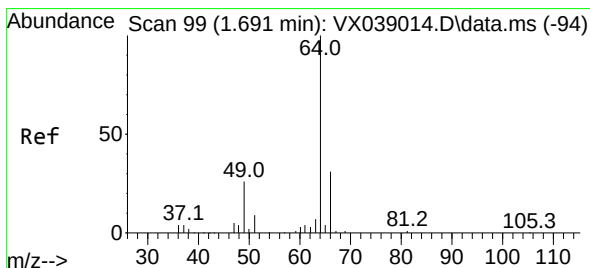
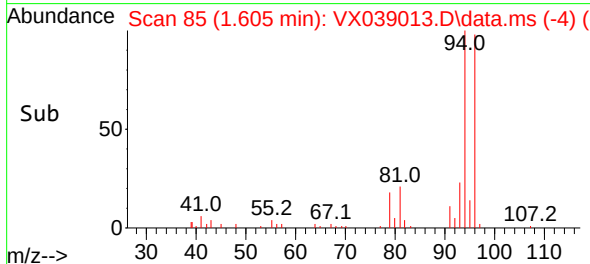
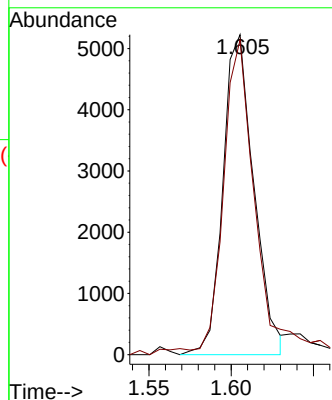
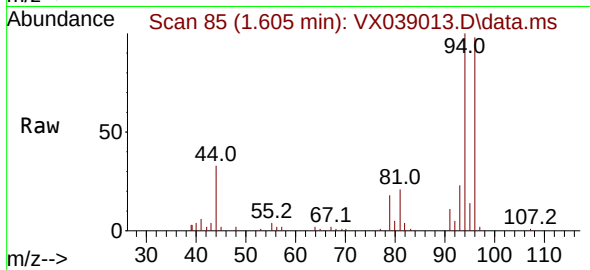
Tgt Ion: 94 Resp: 684
Ion Ratio Lower Upper
94 100
96 96.4 74.9 112.3

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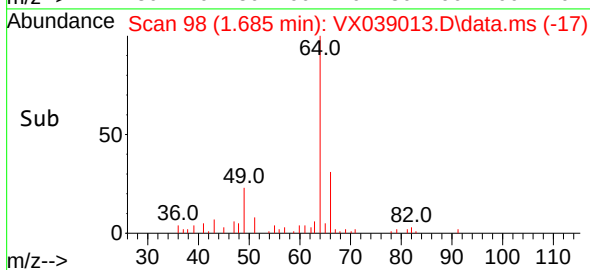
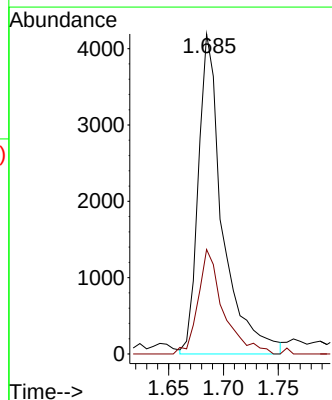
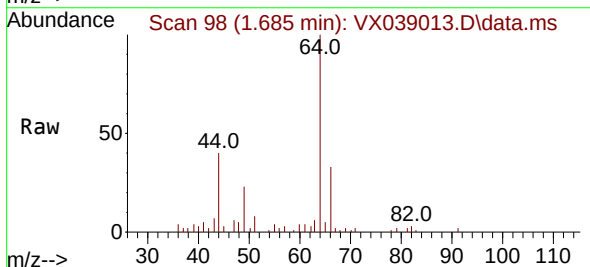
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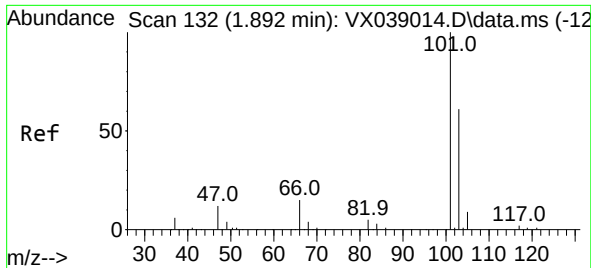
11/27/2023



#6
Chloroethane
Concen: 5.786 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 64 Resp: 6468
Ion Ratio Lower Upper
64 100
66 33.0 25.0 37.6





#7
Trichlorofluoromethane
Concen: 5.733 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

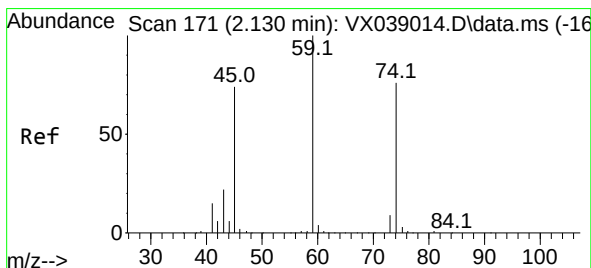
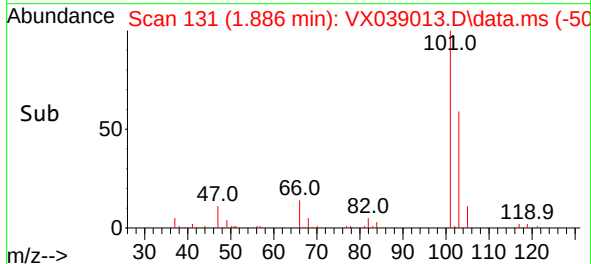
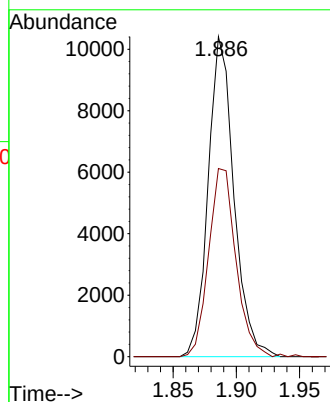
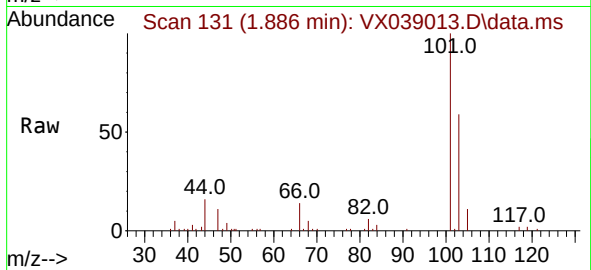
Tgt Ion:101 Resp: 14718
Ion Ratio Lower Upper
101 100
103 58.8 49.1 73.7

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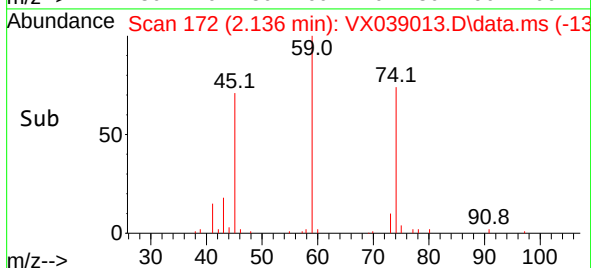
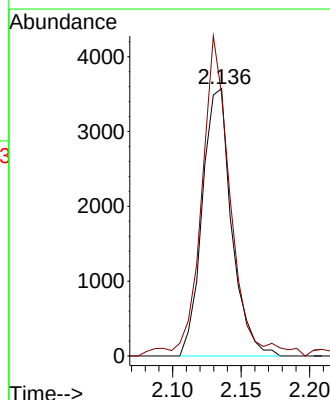
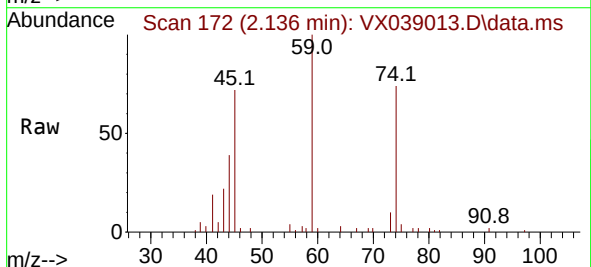
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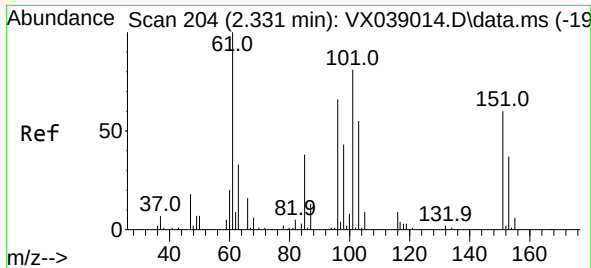
11/27/2023



#8
Diethyl Ether
Concen: 5.410 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 74 Resp: 5331
Ion Ratio Lower Upper
74 100
45 111.8 20.5 184.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.794 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

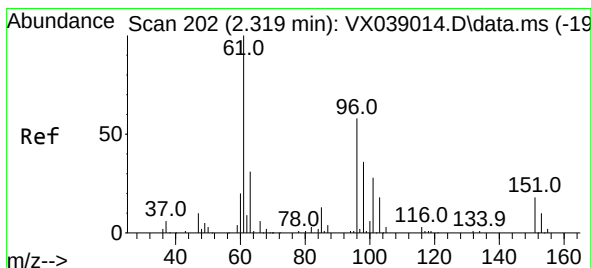
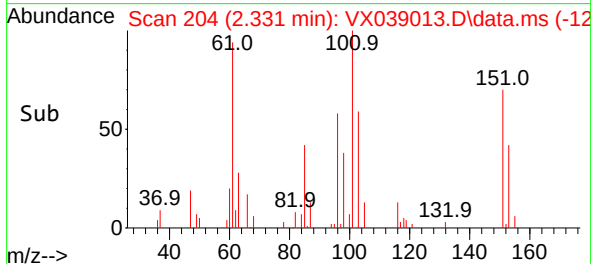
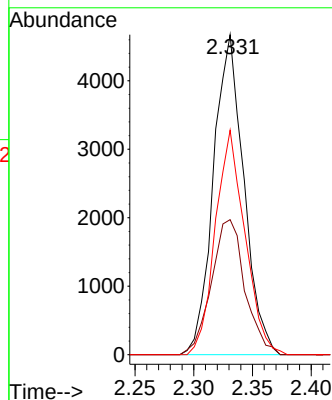
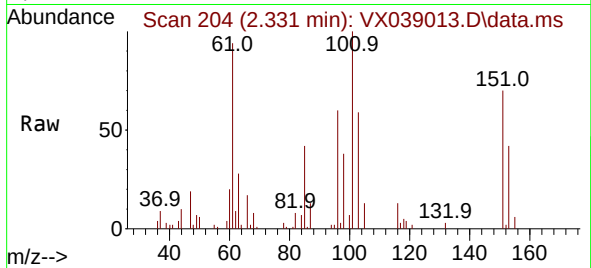
Tgt Ion:101 Resp: 840
Ion Ratio Lower Upper
101 100
85 46.6 0.0 95.2
151 68.6 0.0 136.8

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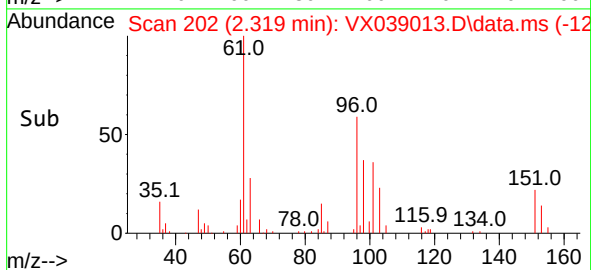
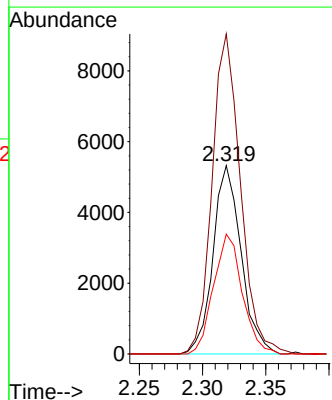
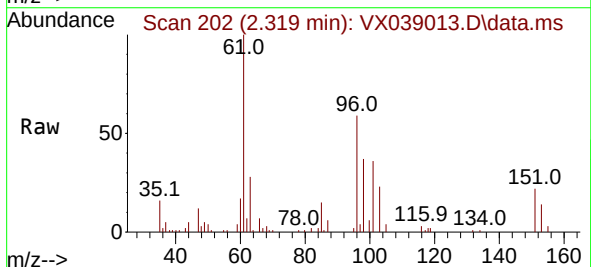
11/27/2023
Supervised By :Mahesh
Dadoda

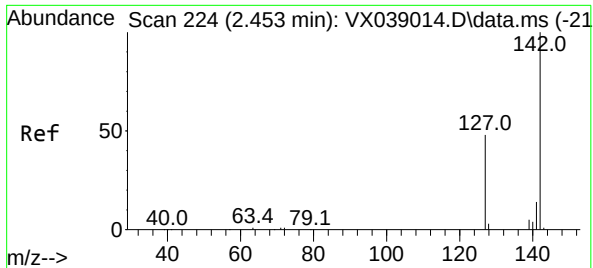
11/27/2023



#10
1,1-Dichloroethene
Concen: 5.624 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

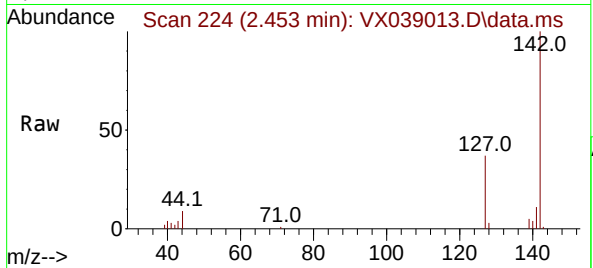
Tgt Ion: 96 Resp: 8223
Ion Ratio Lower Upper
96 100
61 169.9 138.3 207.5
98 63.7 49.8 74.6





#11
Methyl Iodide
Concen: 4.830 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



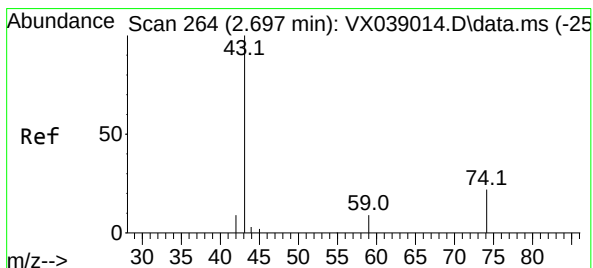
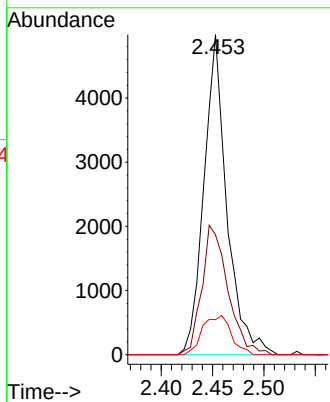
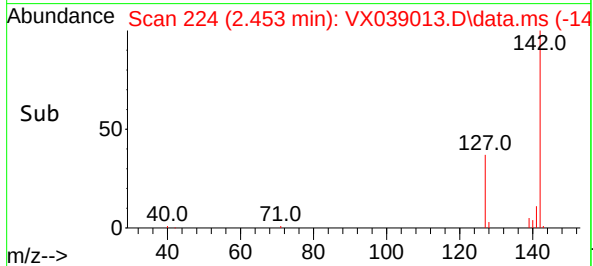
Tgt Ion:142 Resp: 7740
Ion Ratio Lower Upper
142 100
127 37.4 23.8 71.4
141 11.0 6.9 20.6

Manual Integrations
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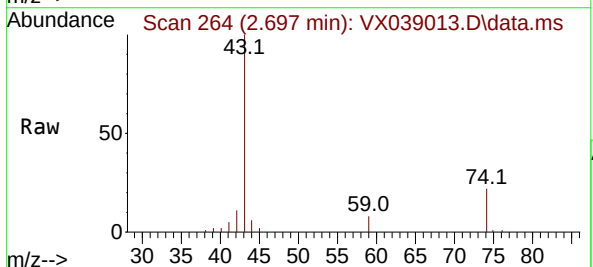
Reviewed By :John
Carlone

11/27/2023
Supervised By :Mahesh
Dadoda

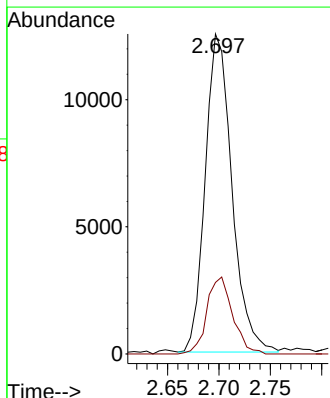
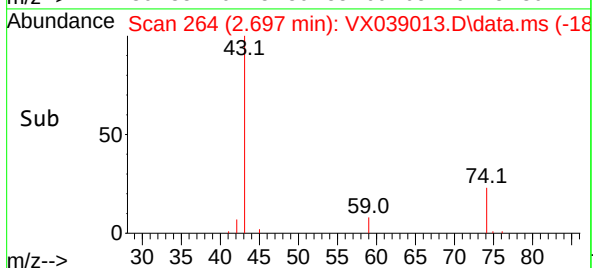
11/27/2023

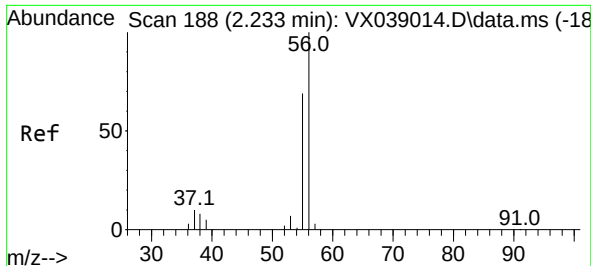


#12
Methyl Acetate
Concen: 4.975 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22



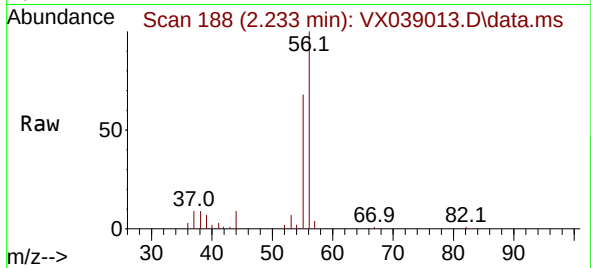
Tgt Ion: 43 Resp: 22688
Ion Ratio Lower Upper
43 100
74 22.5 17.8 26.6





#13
Acrolein
Concen: 30.319 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



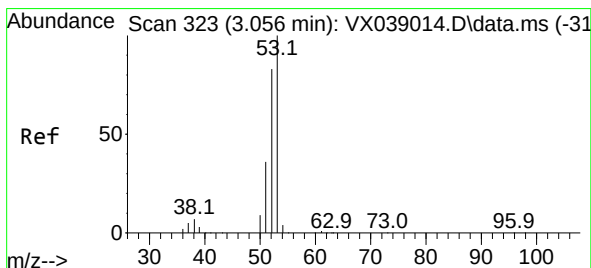
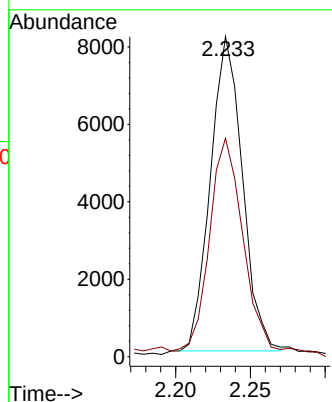
Tgt Ion: 56 Resp: 1211
Ion Ratio Lower Upper
56 100
55 70.8 57.2 85.8

Manual Integrations
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Reviewed By :John
Carlone

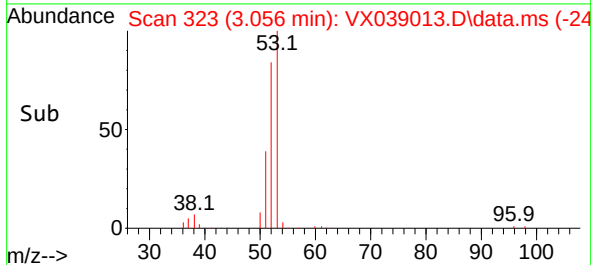
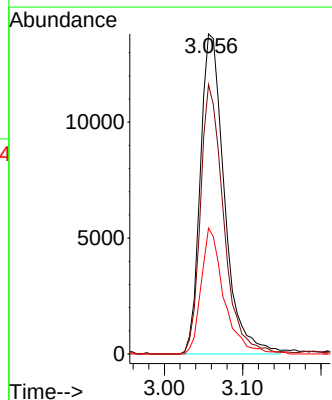
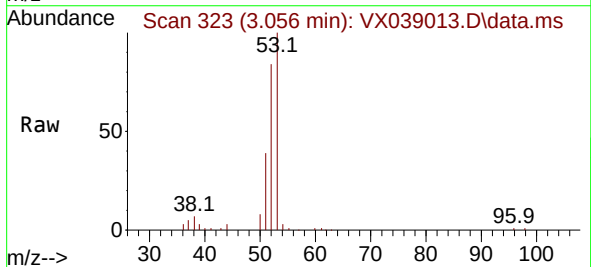
11/27/2023
Supervised By :Mahesh
Dadoda

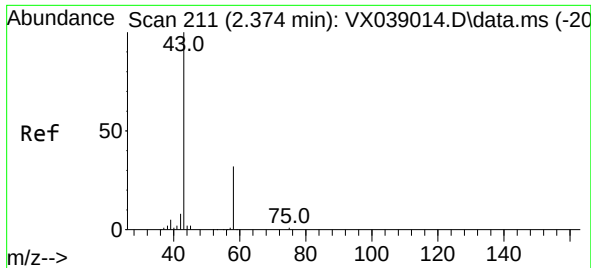
11/27/2023



#14
Acrylonitrile
Concen: 26.632 ug/l
RT: 3.056 min Scan# 323
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 53 Resp: 29706
Ion Ratio Lower Upper
53 100
52 80.4 41.9 125.6
51 36.8 18.3 54.9





#15
Acetone
Concen: 44.903 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

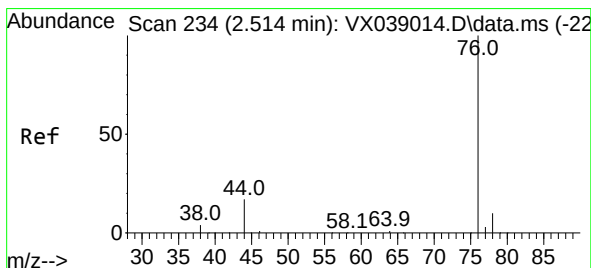
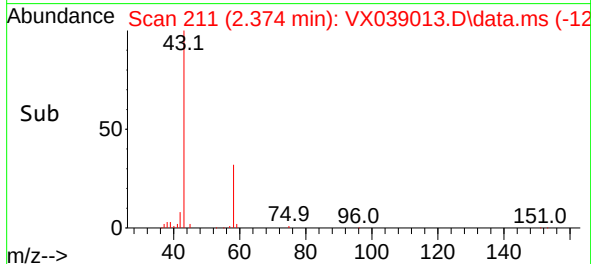
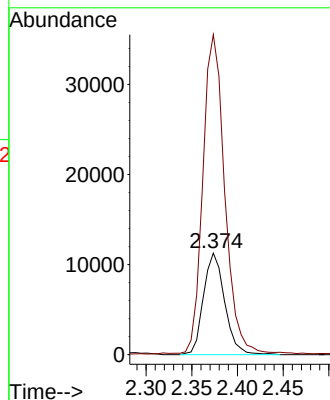
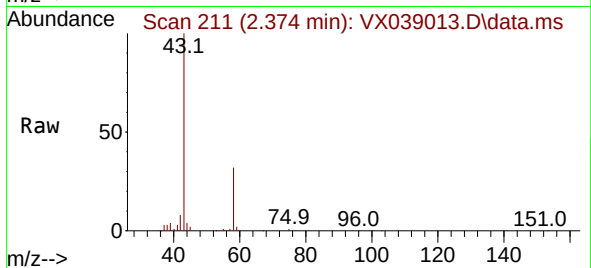
Tgt Ion: 58 Resp: 18200
Ion Ratio Lower Upper
58 100
43 313.3 249.9 374.9

Manual Integrations
APPROVED

Reviewed By :John
Carlone

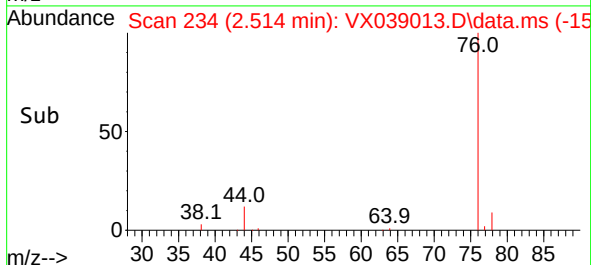
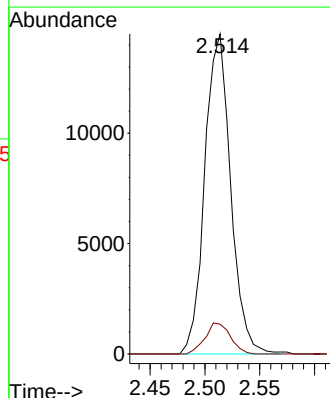
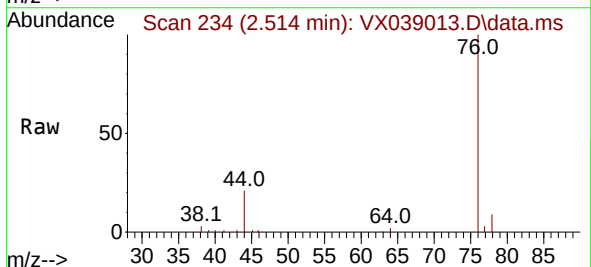
11/27/2023
Supervised By :Mahesh
Dadoda

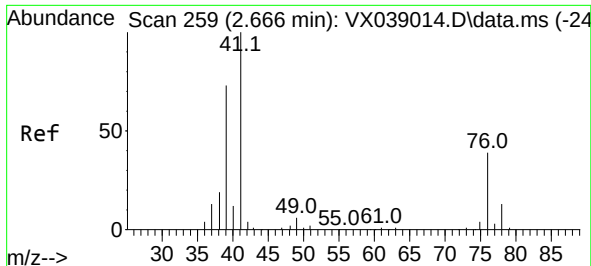
11/27/2023



#16
Carbon Disulfide
Concen: 5.377 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 76 Resp: 23814
Ion Ratio Lower Upper
76 100
78 9.3 8.0 12.0





#17
 Allyl chloride
 Concen: 5.410 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX039013.D
 Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 15704
 Ion Ratio Lower Upper
 41 100
 39 82.7 36.5 109.5
 76 38.9 19.7 59.0

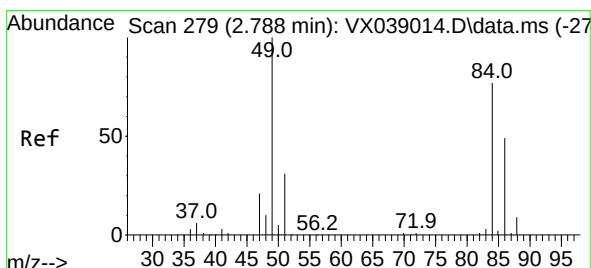
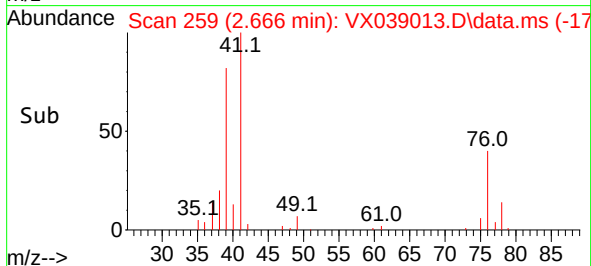
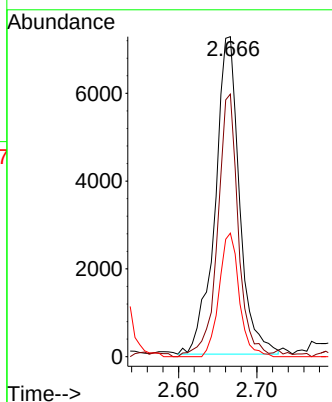
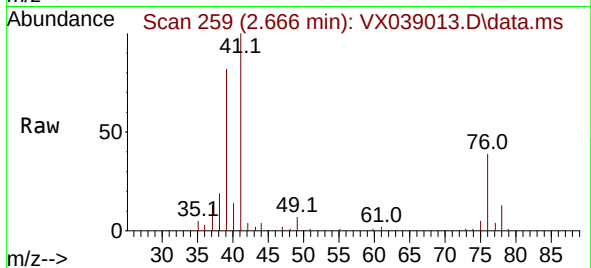
Manual Integrations
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Reviewed By :John
 Carlone

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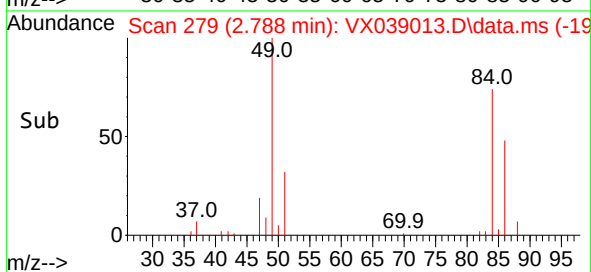
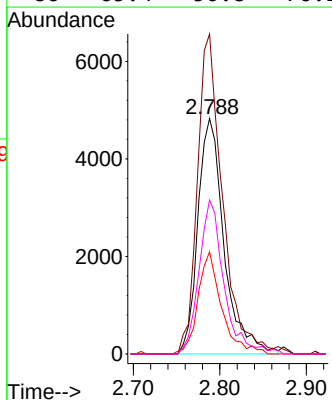
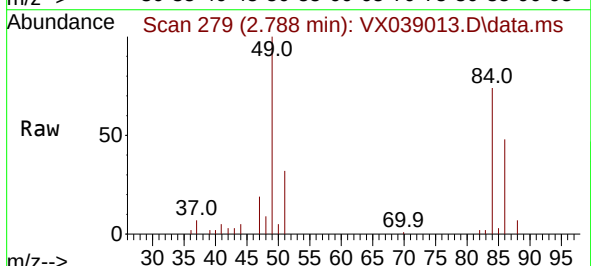
Supervised By :Mahesh
 Dadoda

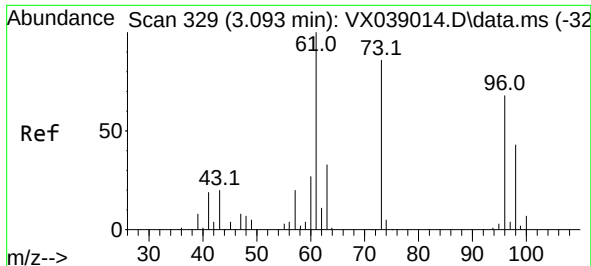
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#18
 Methylene Chloride
 Concen: 5.852 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX039013.D
 Acq: 24 Nov 2023 09:22

Tgt Ion: 84 Resp: 10143
 Ion Ratio Lower Upper
 84 100
 49 135.9 103.8 155.8
 51 43.4 31.8 47.6
 86 65.4 50.8 76.2





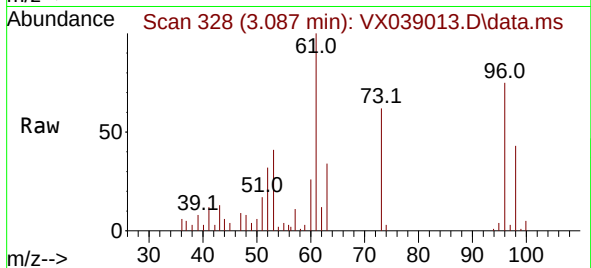
#19
trans-1,2-Dichloroethene
Concen: 5.630 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



Tgt Ion: 96 Resp: 931
Ion Ratio Lower Upper
96 100
61 131.6 117.9 176.9
98 57.0 51.0 76.6

Manual Integrations

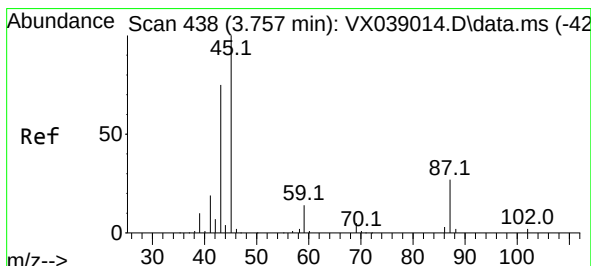
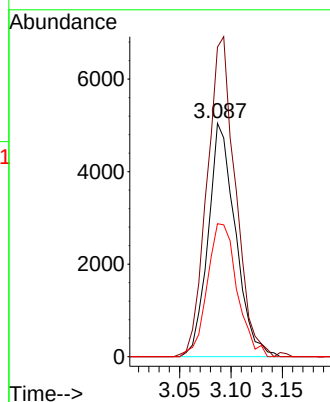
APPROVED

Reviewed By :John
Carlone

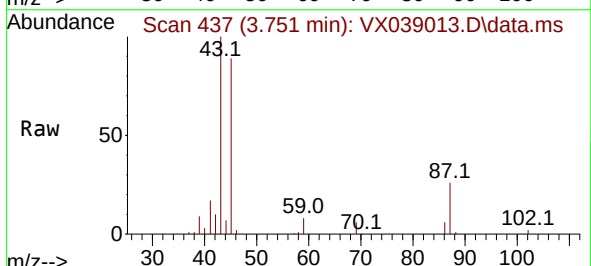
11/27/2023

Supervised By :Mahesh
Dadoda

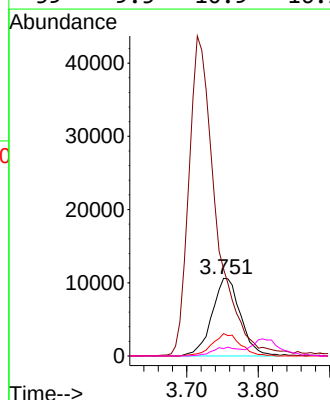
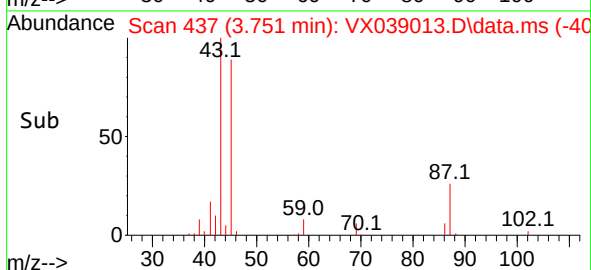
11/27/2023

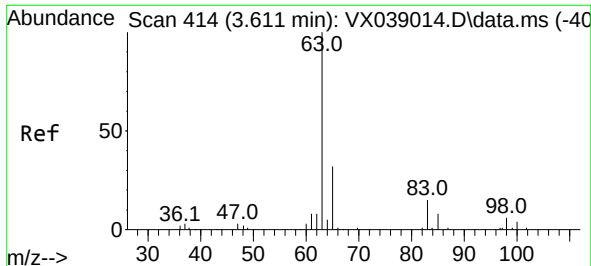


#20
Diisopropyl ether
Concen: 5.318 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22



Tgt Ion: 45 Resp: 29377
Ion Ratio Lower Upper
45 100
43 106.0 67.7 101.5#
87 28.8 21.5 32.3
59 9.5 10.9 16.3#





#21

1,1-Dichloroethane

Concen: 5.381 ug/l

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63	Resp: 16528
Ion Ratio	Lower Upper
63 100	
98 7.5	2.9 8.8
100 2.6	2.0 5.8

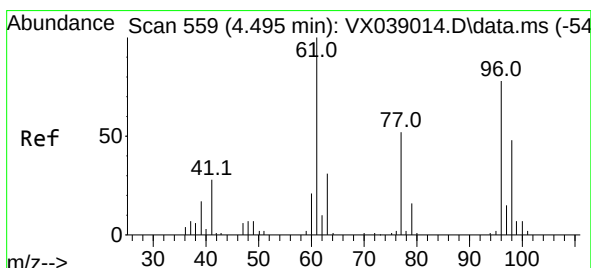
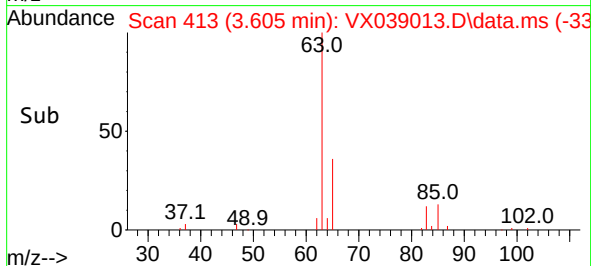
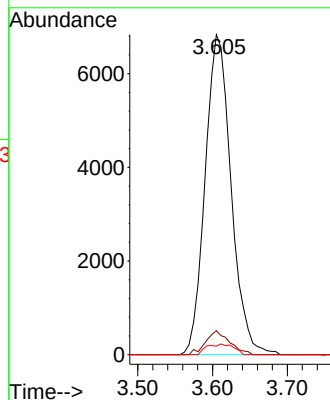
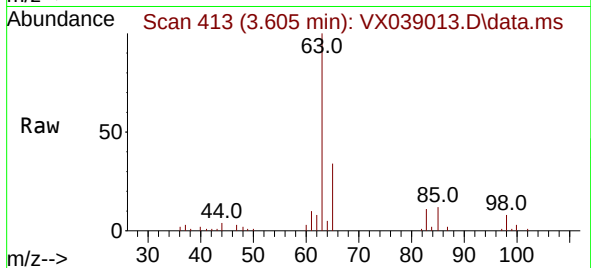
Manual Integrations
APPROVED

Reviewed By :John
Carlone

11/27/2023

Supervised By :Mahesh
Dadoda

11/27/2023



#22

cis-1,2-Dichloroethene

Concen: 5.344 ug/l

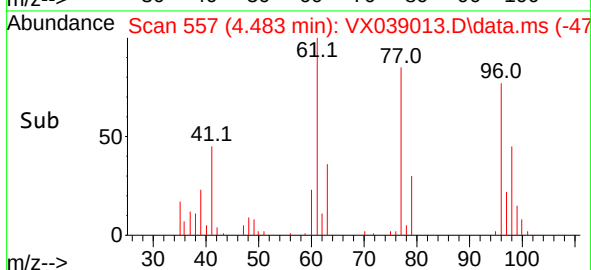
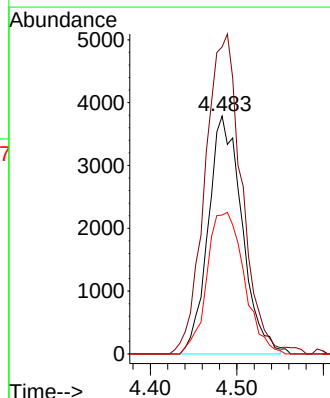
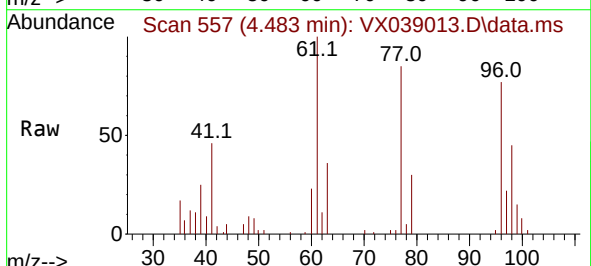
RT: 4.483 min Scan# 557

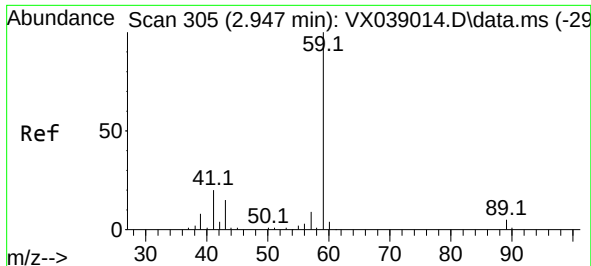
Delta R.T. -0.012 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

Tgt Ion: 96	Resp: 10243
Ion Ratio	Lower Upper
96 100	
61 146.5	119.8 179.6
98 65.5	50.9 76.3





#23
tert-Butyl Alcohol
Concen: 29.031 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

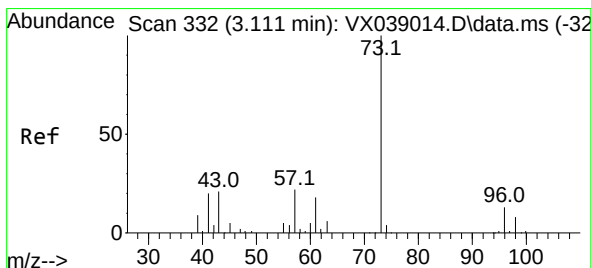
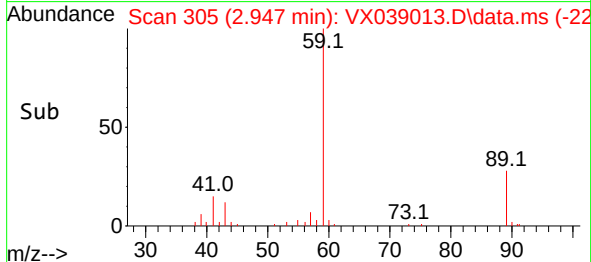
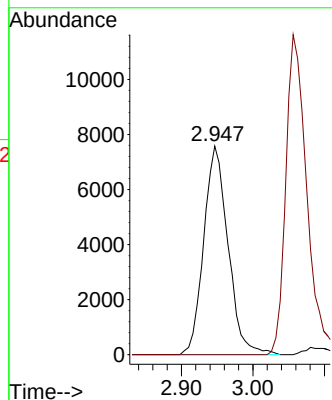
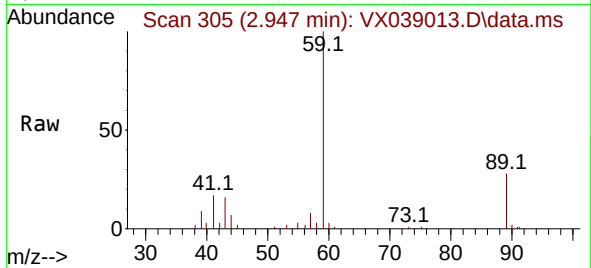
Tgt Ion: 59 Resp: 1792
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

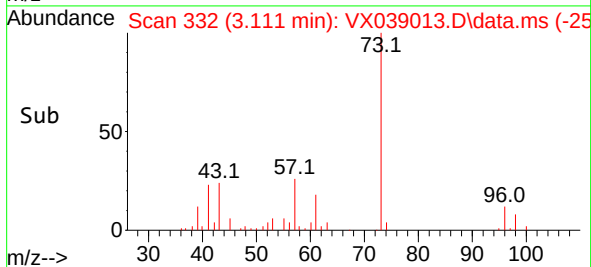
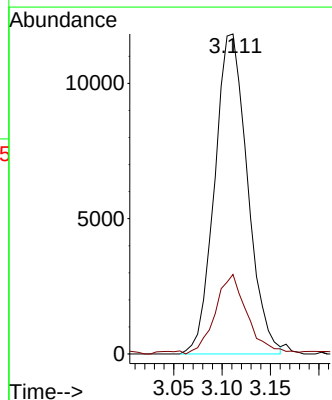
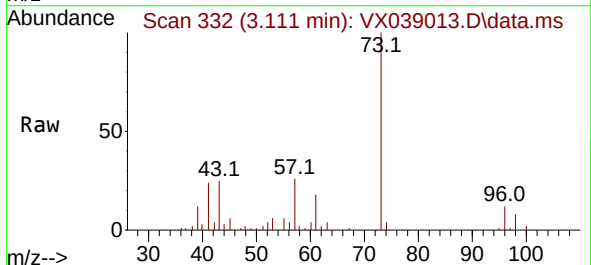
11/27/2023
Supervised By :Mahesh
Dadoda

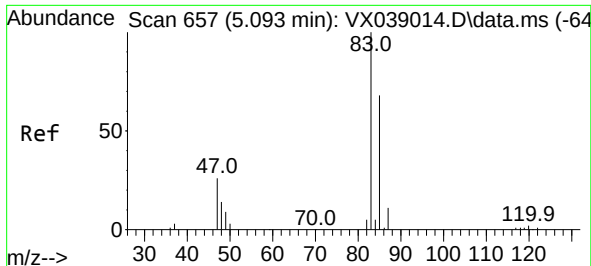
11/27/2023



#24
Methyl tert-Butyl Ether
Concen: 5.181 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 73 Resp: 27907
Ion Ratio Lower Upper
73 100
43 24.3 17.0 25.6





#25
Chloroform
Concen: 5.431 ug/l
RT: 5.086 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

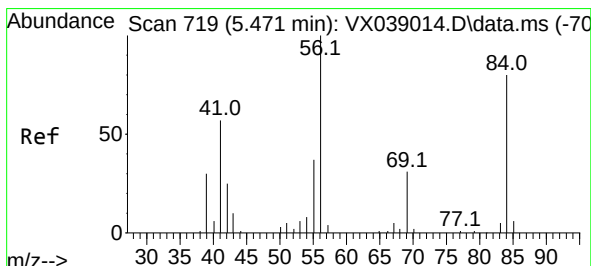
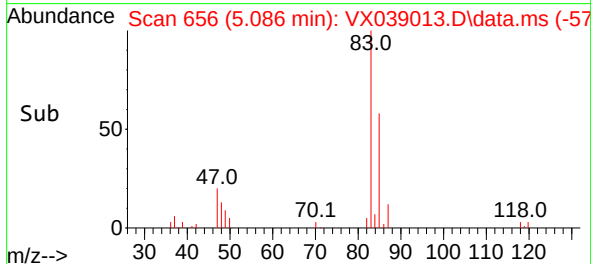
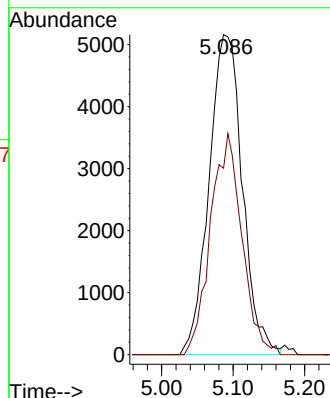
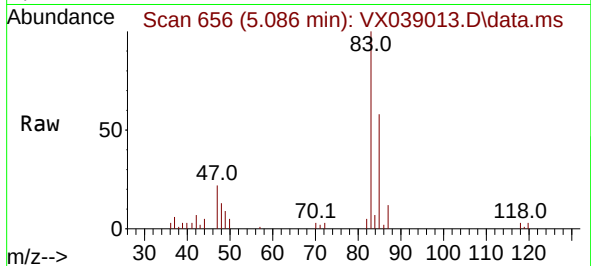
Tgt Ion: 83 Resp: 1674
Ion Ratio Lower Upper
83 100
85 58.3 54.6 81.8

Manual Integrations
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Reviewed By :John
Carlone

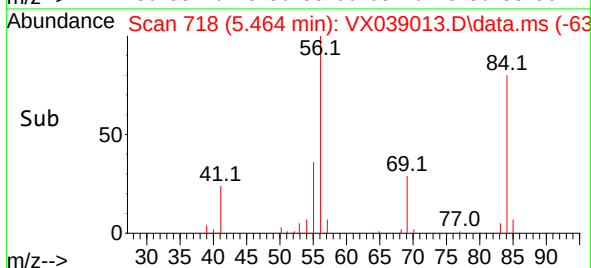
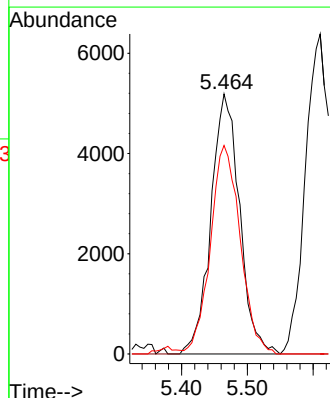
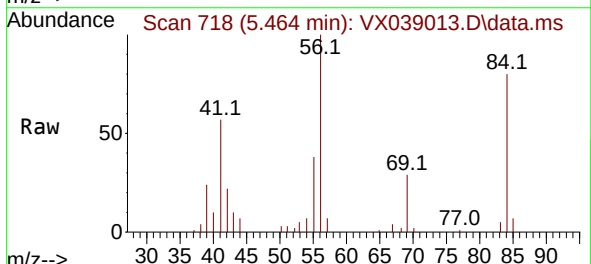
11/27/2023
Supervised By :Mahesh
Dadoda

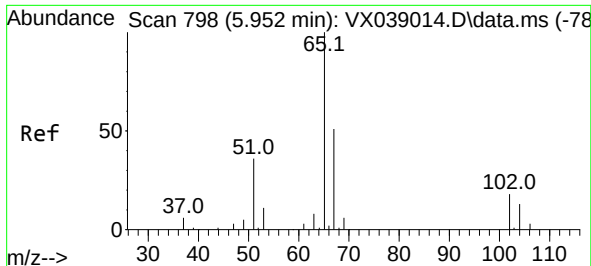
11/27/2023



#26
Cyclohexane
Concen: 5.662 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 56 Resp: 15740
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 83.3 67.2 100.8





#27
1,2-Dichloroethane-d4
Concen: 31.319 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 65 Resp: 46060
Ion Ratio Lower Upper
65 100
67 52.3 42.5 63.7

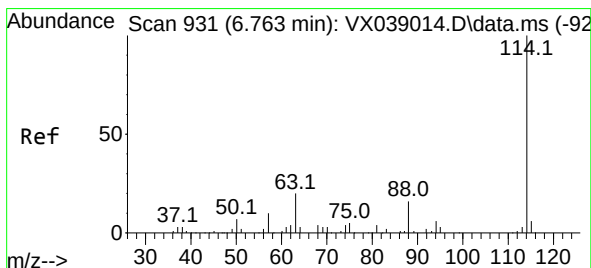
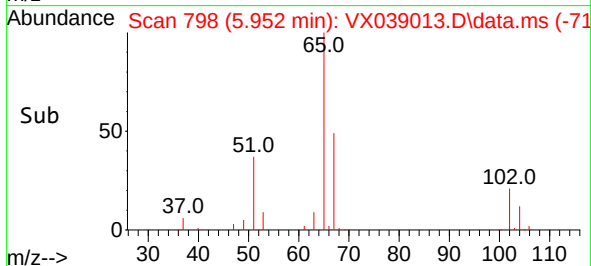
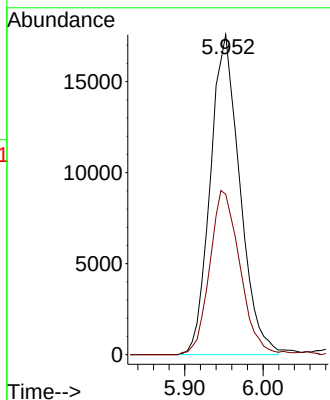
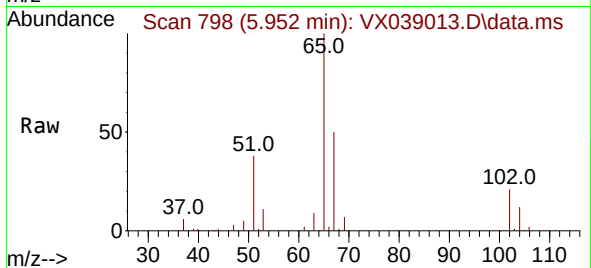
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Reviewed By :John
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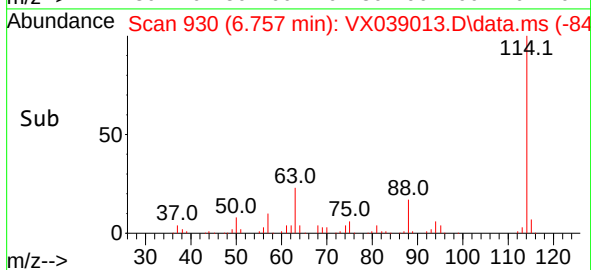
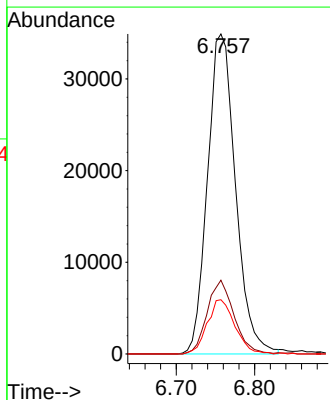
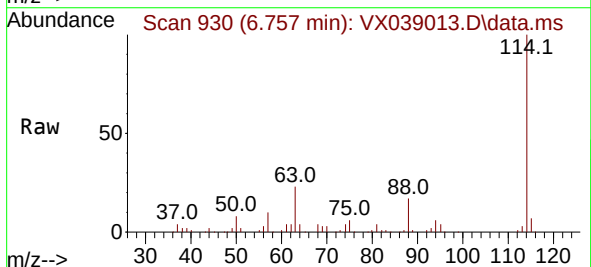
Supervised By :Mahesh
Dadoda

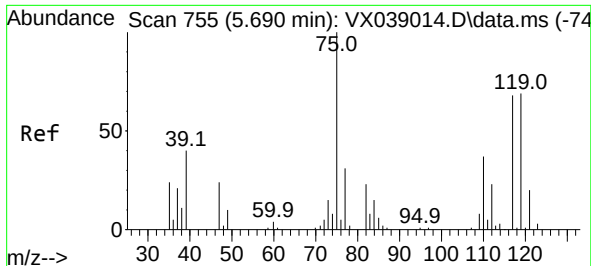
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#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion:114 Resp: 86852
Ion Ratio Lower Upper
114 100
63 22.0 17.0 25.4
88 16.6 12.7 19.1





#29
1,1-Dichloropropene
Concen: 5.350 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 13025
Ion Ratio Lower Upper
75 100
110 33.4 0.0 71.2
77 30.2 0.0 62.6

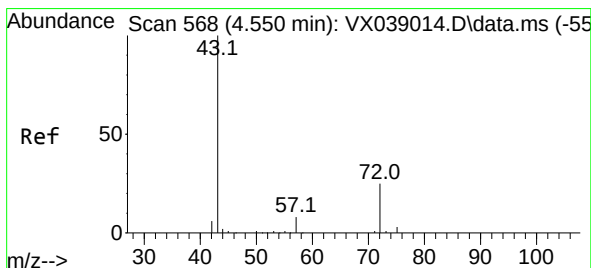
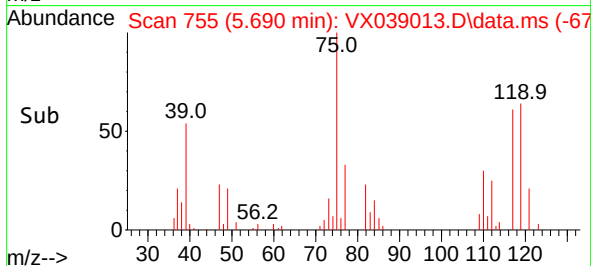
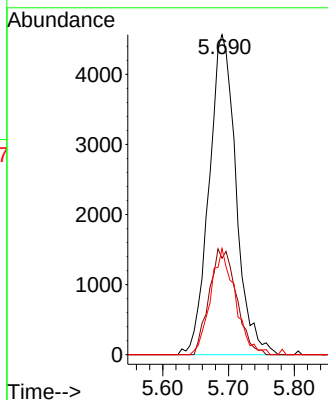
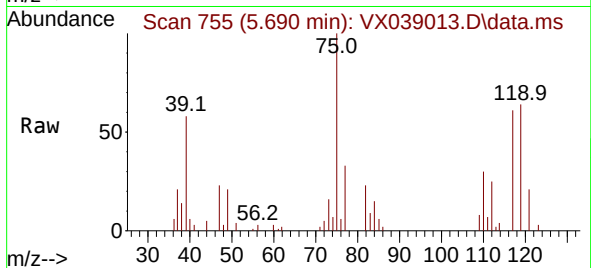
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Carlone

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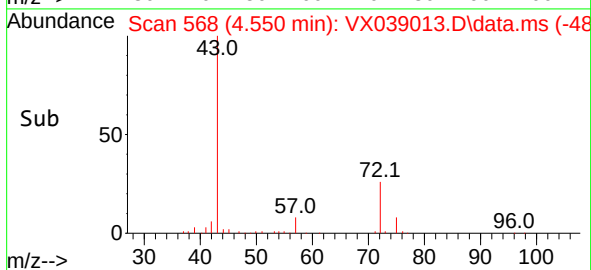
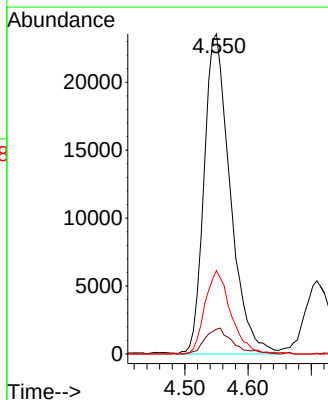
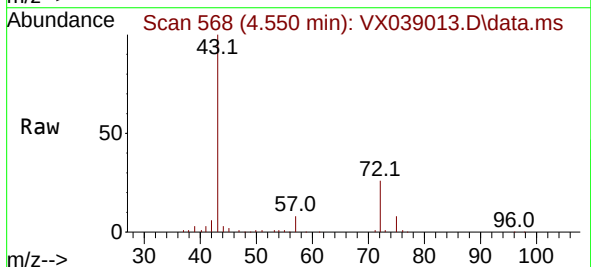
Supervised By :Mahesh
Dadoda

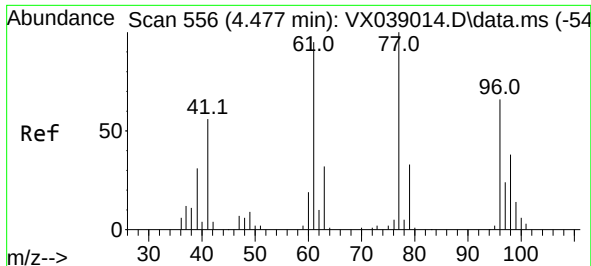
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#30
2-Butanone
Concen: 36.877 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 43 Resp: 67598
Ion Ratio Lower Upper
43 100
57 8.0 6.6 10.0
72 25.8 20.6 31.0





#31
2,2-Dichloropropane
Concen: 5.490 ug/l
RT: 4.477 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

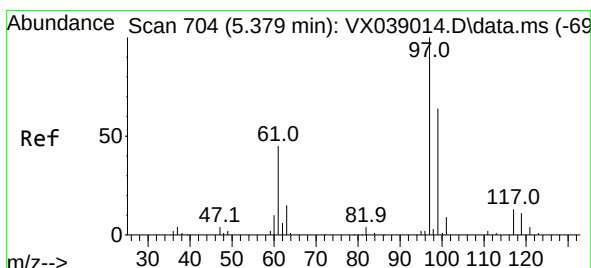
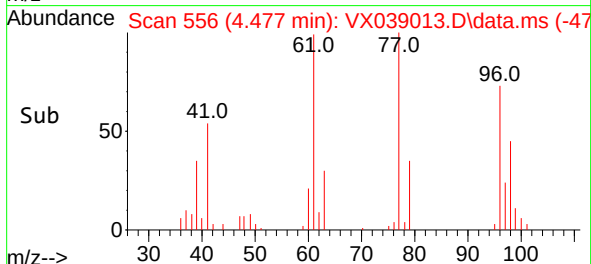
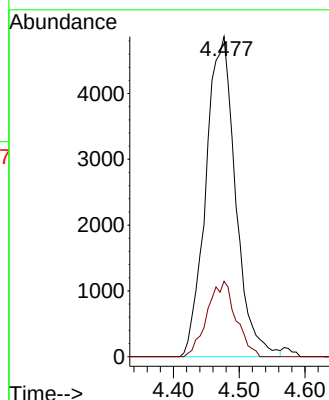
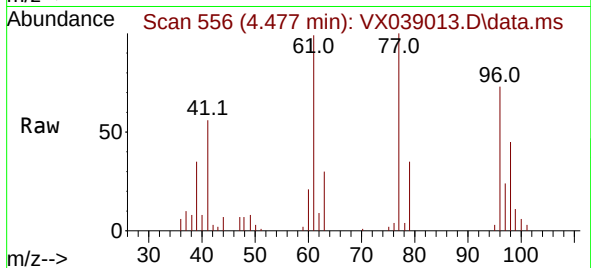
Tgt Ion: 77 Resp: 1528
Ion Ratio Lower Upper
77 100
97 22.7 18.2 27.4

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Reviewed By :John
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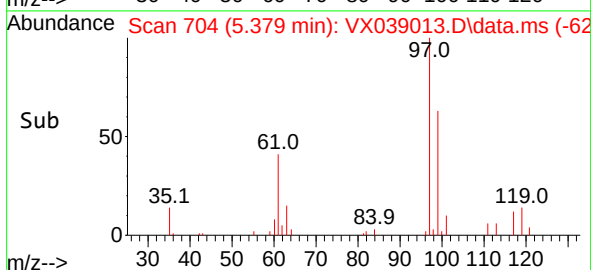
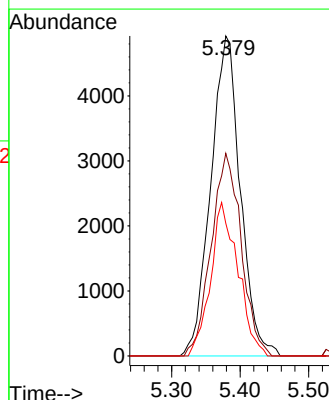
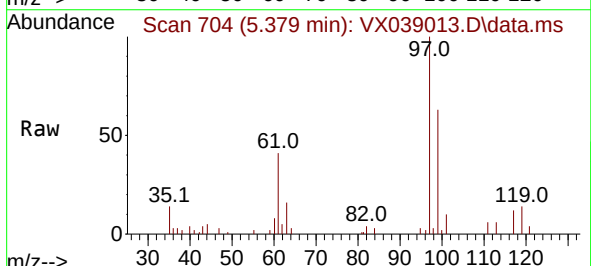
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Supervised By :Mahesh
Dadoda

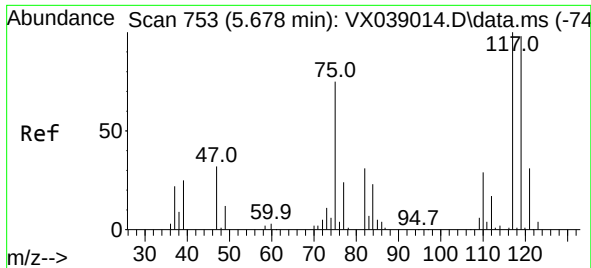
11/27/2023



#32
1,1,1-Trichloroethane
Concen: 5.240 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 97 Resp: 14747
Ion Ratio Lower Upper
97 100
99 64.3 52.6 79.0
61 44.6 36.9 55.3





#33
Carbon Tetrachloride
Concen: 5.055 ug/l
RT: 5.672 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

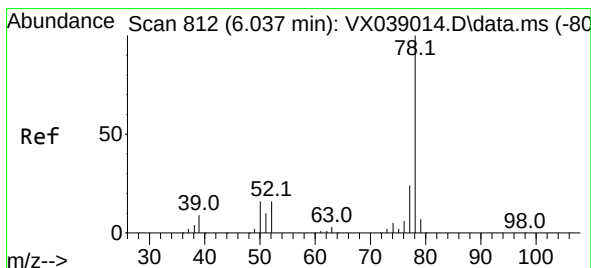
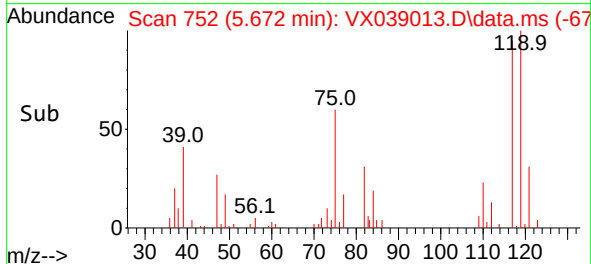
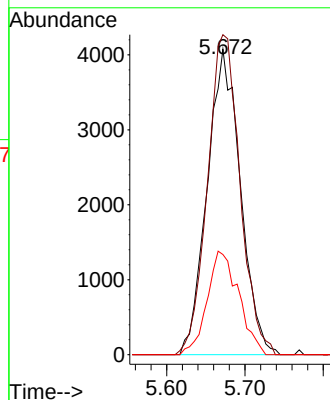
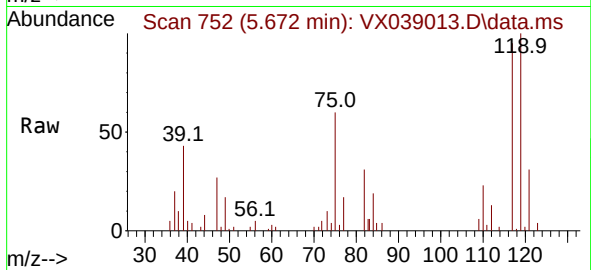
Tgt Ion:117 Resp: 1198
Ion Ratio Lower Upper
117 100
119 104.8 78.2 117.4
121 32.8 24.7 37.1

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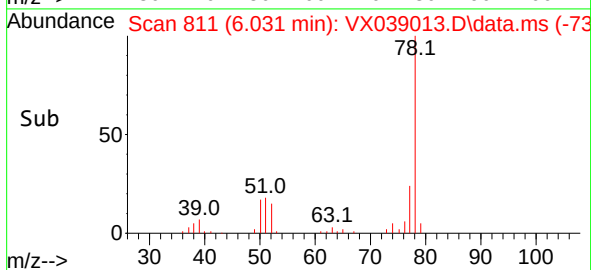
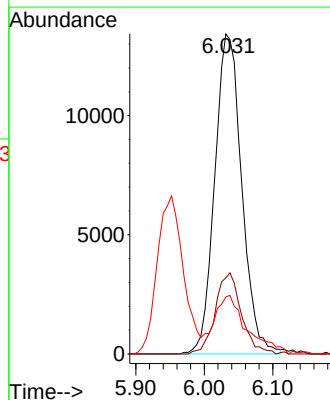
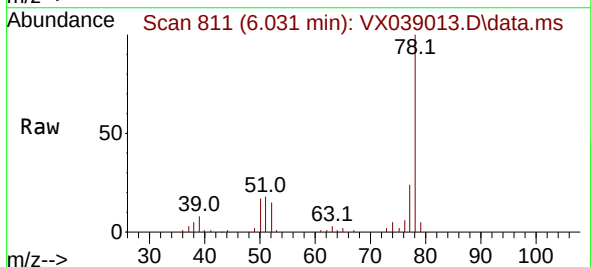
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Supervised By :Mahesh
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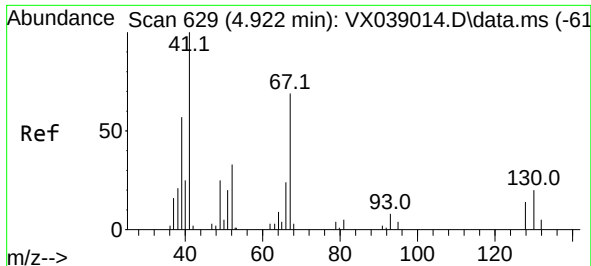
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#34
Benzene
Concen: 5.176 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 78 Resp: 36712
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9
51 15.5 14.4 21.6





#35
Methacrylonitrile
Concen: 5.202 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 844
Ion Ratio Lower Upper
41 100
39 42.5 28.2 84.7
67 64.1 34.5 103.5
52 25.7 16.3 48.8

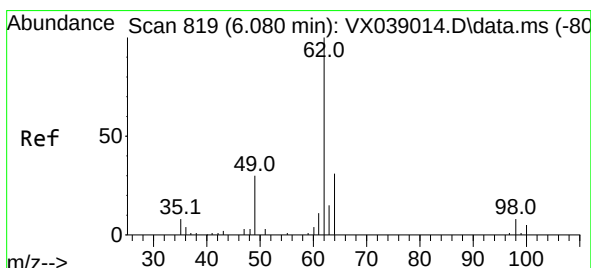
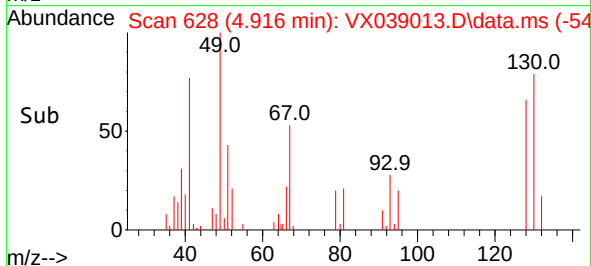
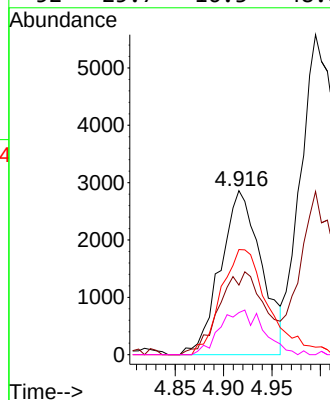
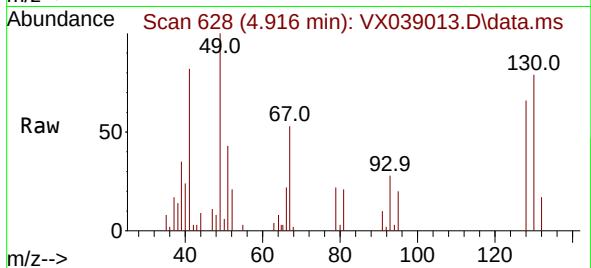
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Reviewed By :John
Carlone

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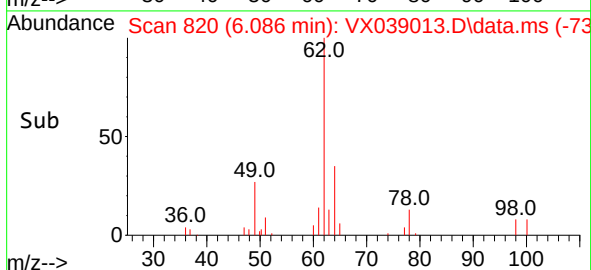
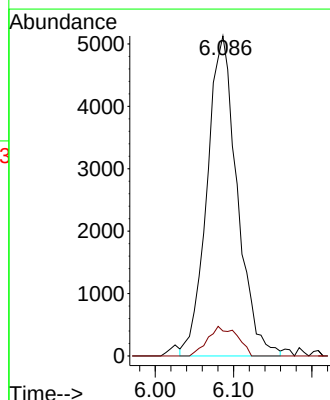
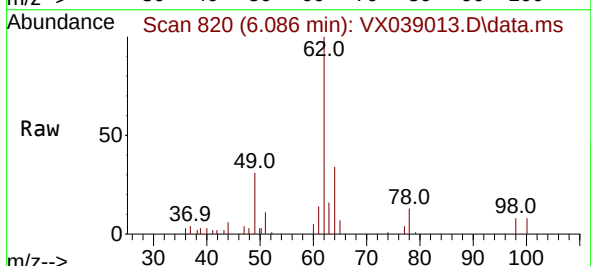
Supervised By :Mahesh
Dadoda

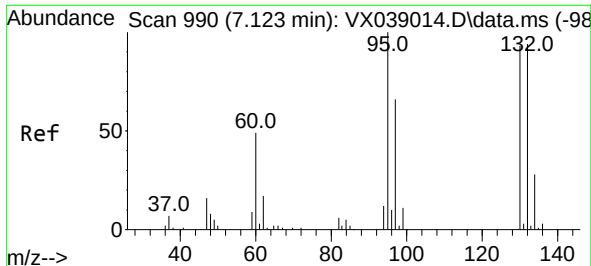
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#36
1,2-Dichloroethane
Concen: 5.277 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 62 Resp: 13734
Ion Ratio Lower Upper
62 100
98 6.1 7.0 10.4#





#37
Trichloroethene
Concen: 5.119 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion:130 Resp: 9215
Ion Ratio Lower Upper
130 100
95 105.4 85.8 128.8

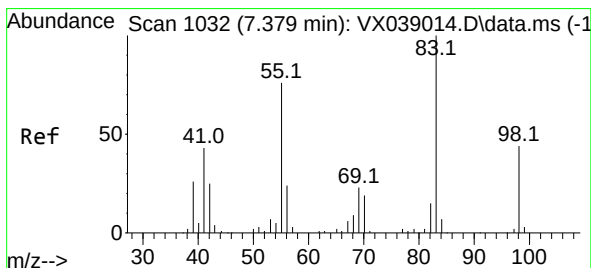
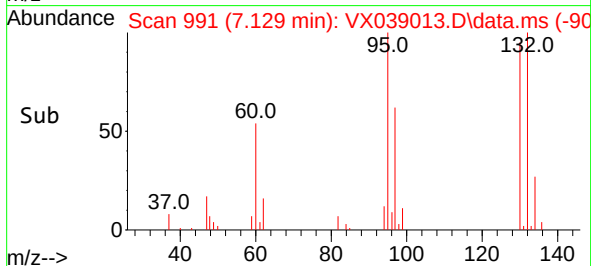
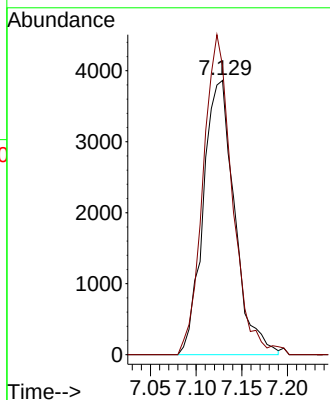
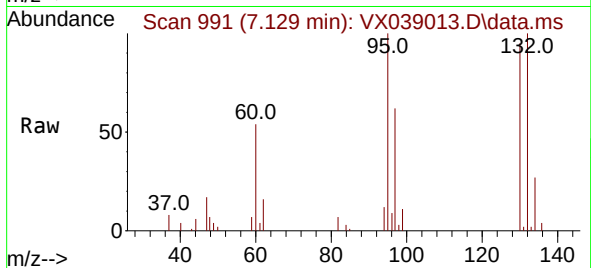
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Carlone

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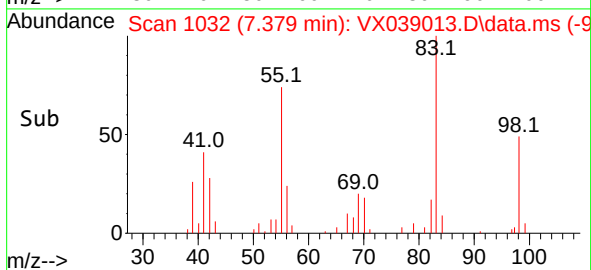
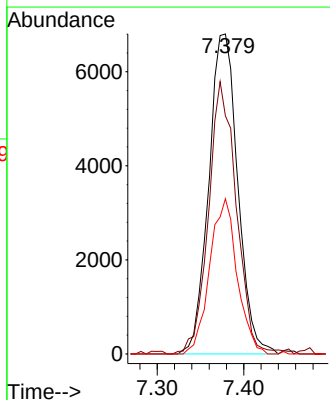
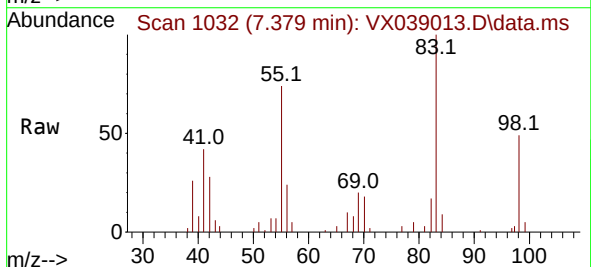
Supervised By :Mahesh
Dadoda

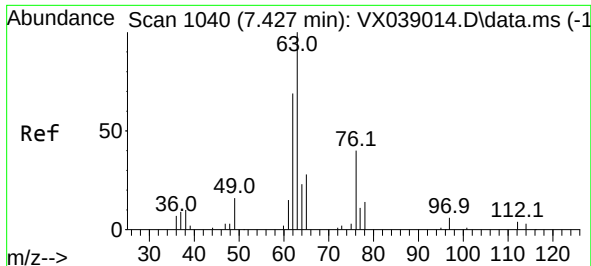
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#38
Methylcyclohexane
Concen: 5.227 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 83 Resp: 15857
Ion Ratio Lower Upper
83 100
55 81.0 38.6 116.0
98 45.7 22.3 66.8





#39

1,2-Dichloropropane

Concen: 5.220 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 976

Ion Ratio Lower Upper

63 100

65 33.8 24.6 37.0

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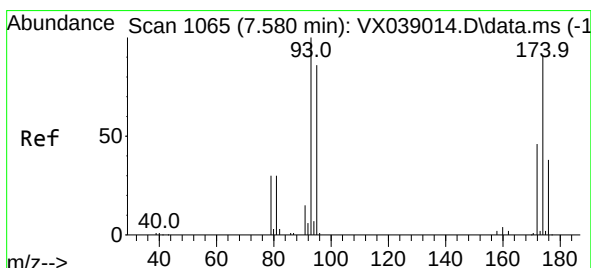
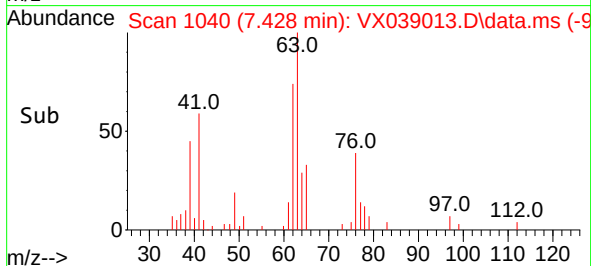
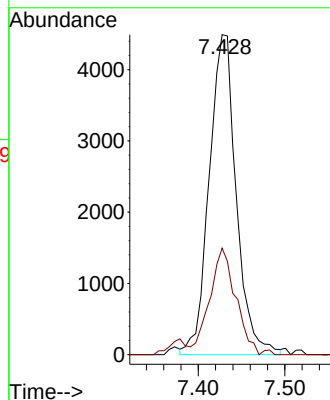
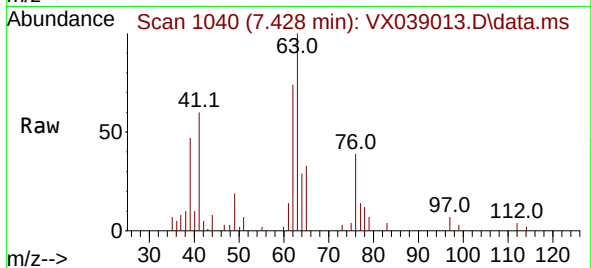
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Reviewed By :John
Carlone

11/27/2023

Supervised By :Mahesh
Dadoda

11/27/2023



#40

Dibromomethane

Concen: 5.017 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

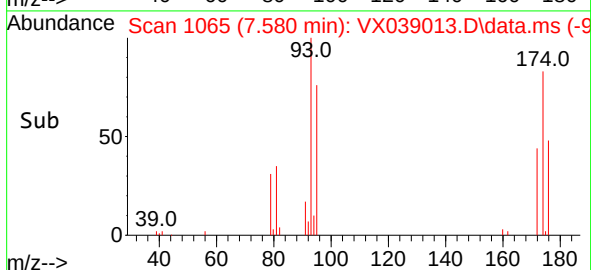
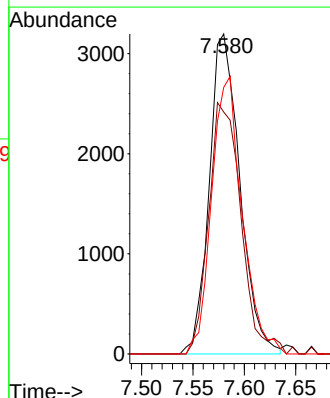
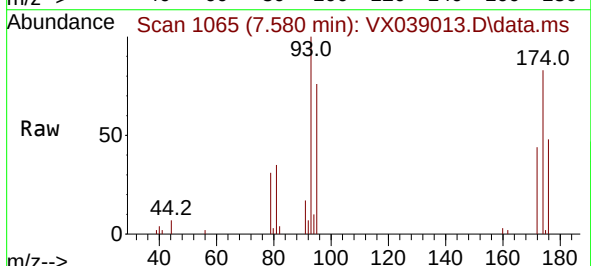
Tgt Ion: 93 Resp: 6631

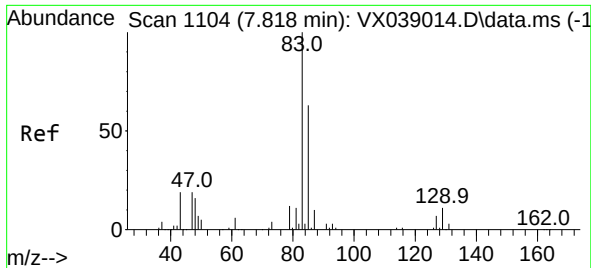
Ion Ratio Lower Upper

93 100

95 81.2 0.0 163.4

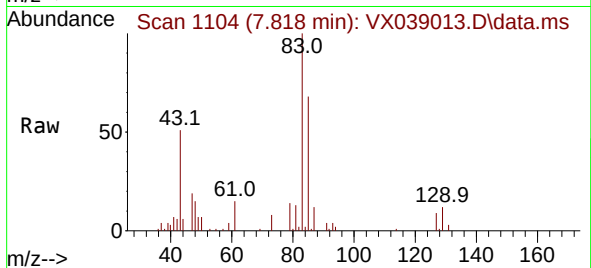
174 86.4 0.0 166.4





#41
Bromodichloromethane
Concen: 5.088 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



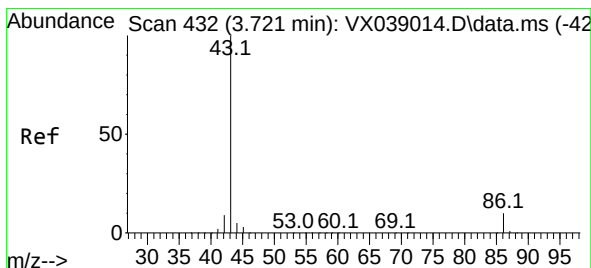
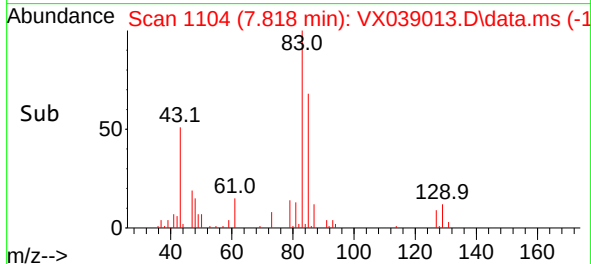
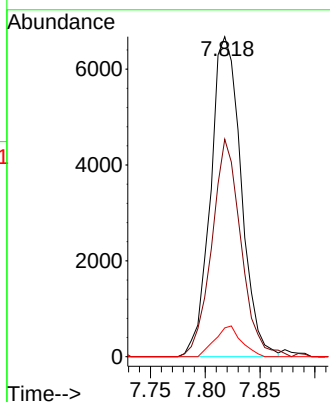
Tgt Ion: 83 Resp: 12919
Ion Ratio Lower Upper
83 100
85 68.0 50.8 76.2
127 9.0 5.9 8.9

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Reviewed By :John
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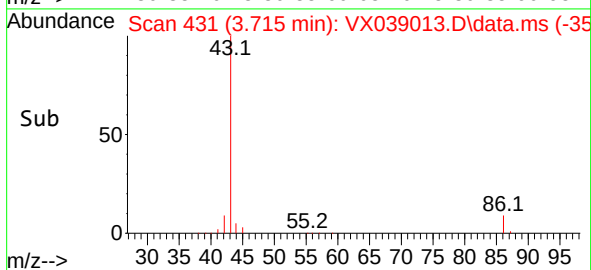
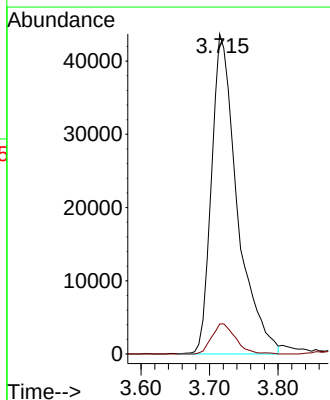
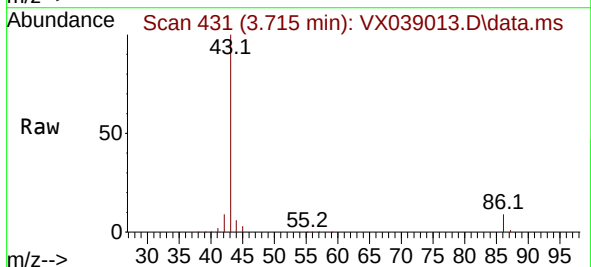
11/27/2023
Supervised By :Mahesh
Dadoda

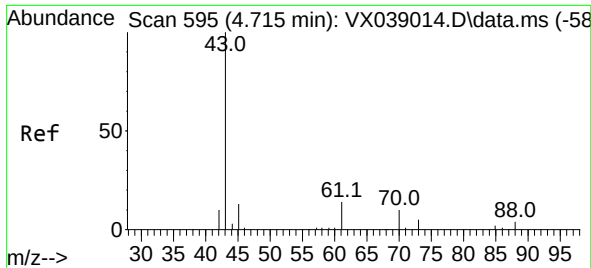
11/27/2023



#42
Vinyl Acetate
Concen: 26.158 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

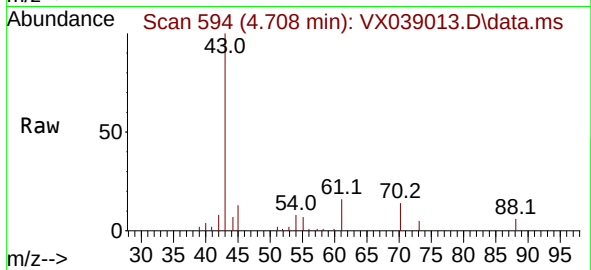
Tgt Ion: 43 Resp: 114207
Ion Ratio Lower Upper
43 100
86 8.6 6.7 10.1





#43
Ethyl Acetate
Concen: 4.623 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



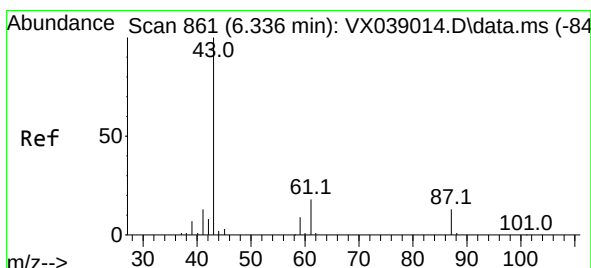
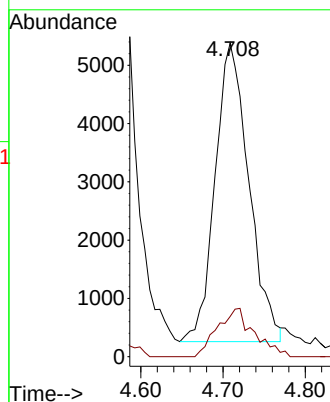
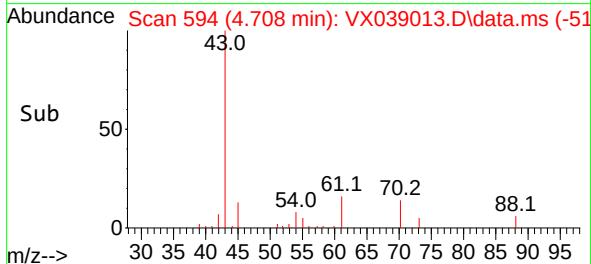
Tgt Ion: 43 Resp: 14579
Ion Ratio Lower Upper
43 100
45 12.6 11.8 17.8

Manual Integrations
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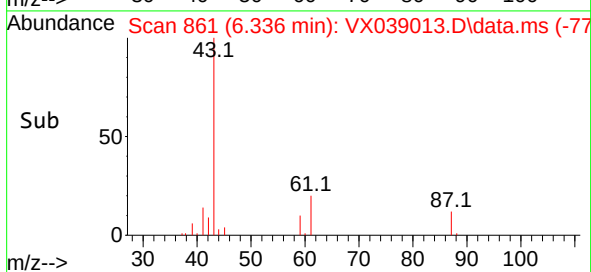
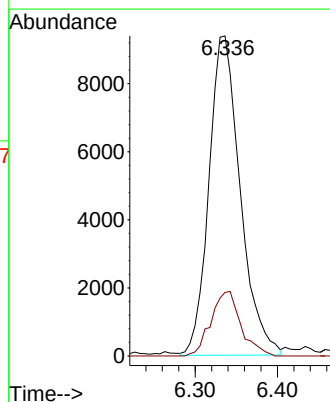
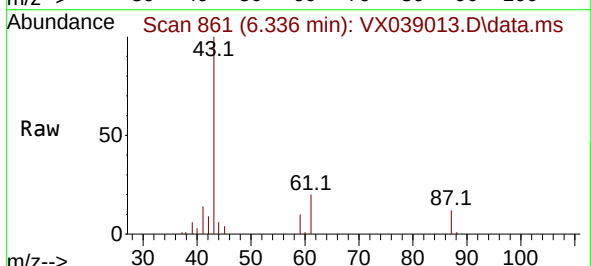
11/27/2023
Supervised By :Mahesh
Dadoda

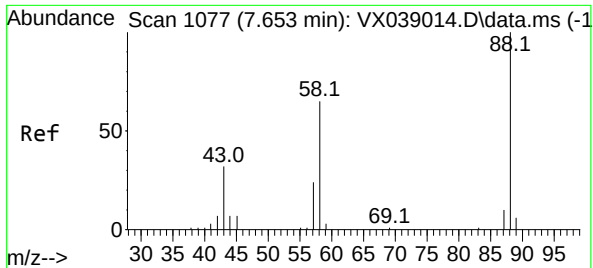
11/27/2023



#44
Isopropyl Acetate
Concen: 4.991 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

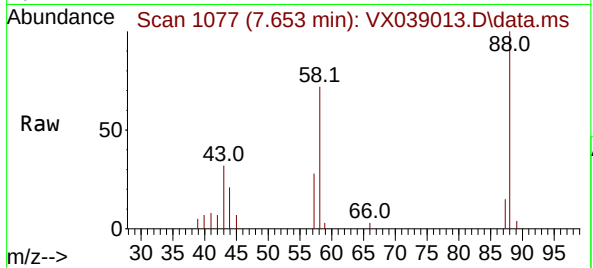
Tgt Ion: 43 Resp: 24814
Ion Ratio Lower Upper
43 100
61 19.4 15.6 23.4





#45
1,4-Dioxane
Concen: 89.140 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



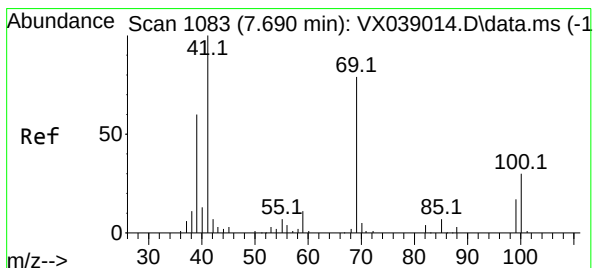
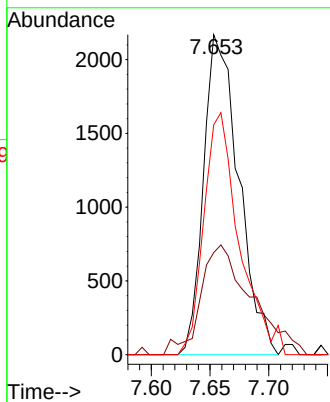
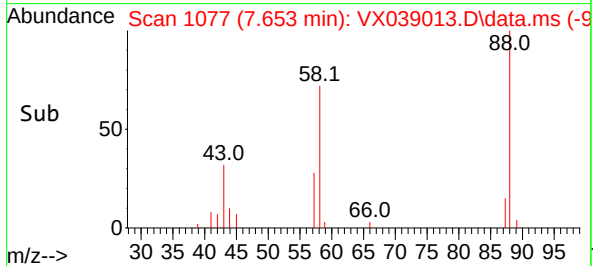
Tgt Ion: 88 Resp: 4524
Ion Ratio Lower Upper
88 100
43 47.5 28.1 42.1
58 74.6 57.7 86.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

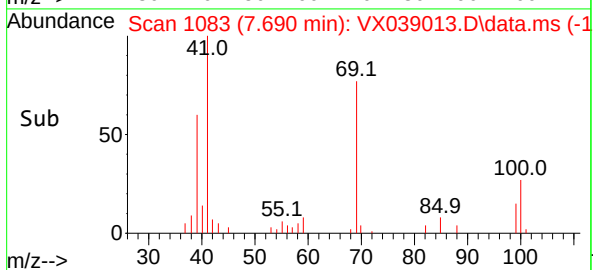
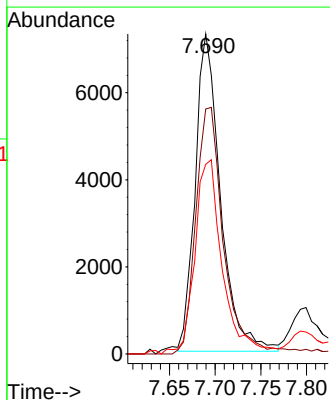
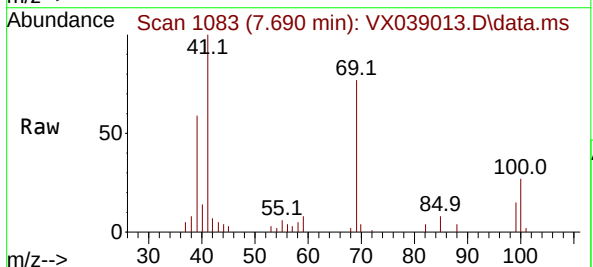
11/27/2023
Supervised By :Mahesh
Dadoda

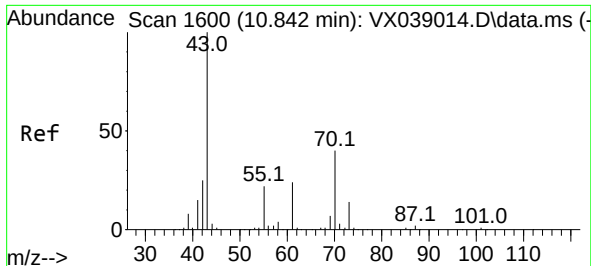
11/27/2023



#46
Methyl methacrylate
Concen: 4.936 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 41 Resp: 14030
Ion Ratio Lower Upper
41 100
69 76.9 39.6 118.8
39 58.9 30.1 90.3





#47

n-amyl acetate

Concen: 4.547 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 19135
 Ion Ratio Lower Upper
 43 100
 55 23.5 18.2 27.2

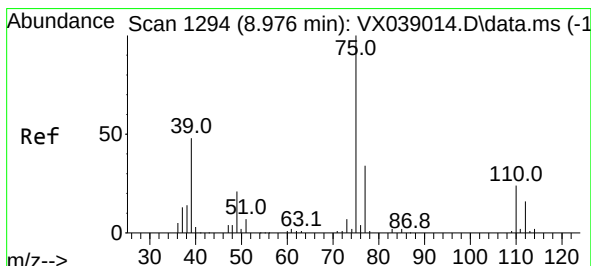
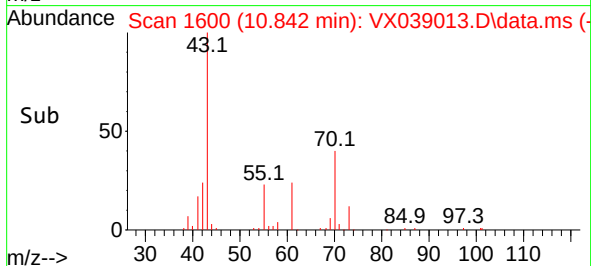
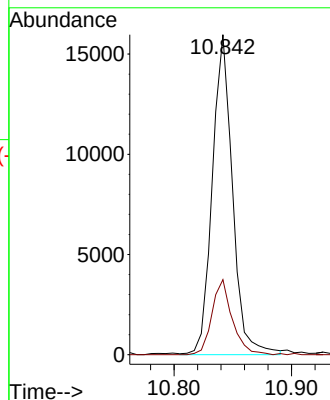
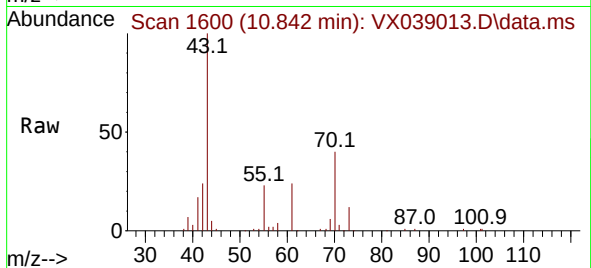
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

11/27/2023

Supervised By :Mahesh
 Dadoda

11/27/2023



#48

t-1,3-Dichloropropene

Concen: 4.837 ug/l

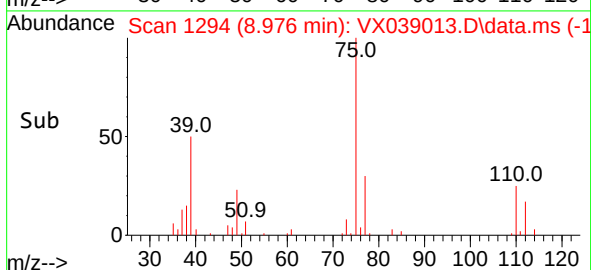
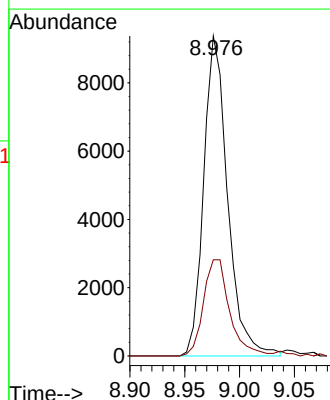
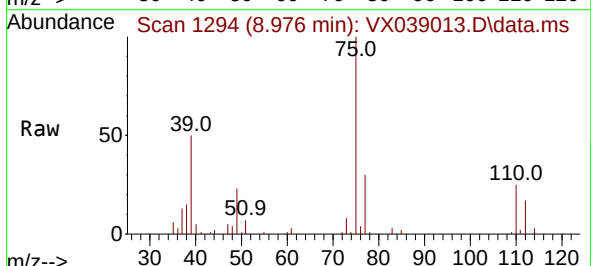
RT: 8.976 min Scan# 1294

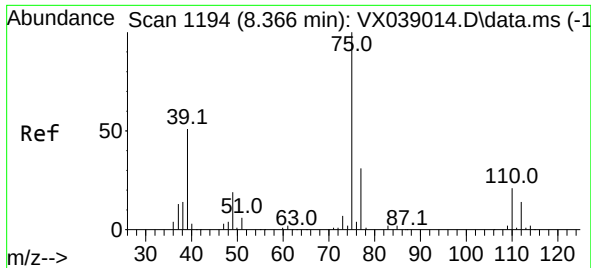
Delta R.T. 0.000 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

Tgt Ion: 75 Resp: 14240
 Ion Ratio Lower Upper
 75 100
 77 30.1 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 5.019 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75	Resp: 1524
Ion Ratio	Lower Upper
75 100	
77 33.4	24.4 36.6
39 49.2	40.6 60.8

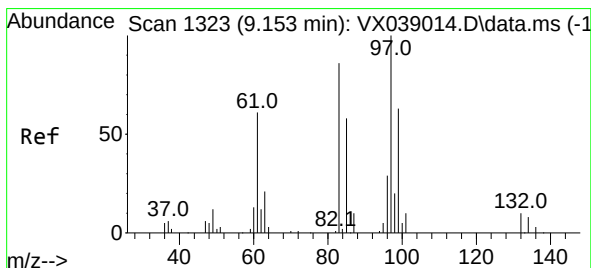
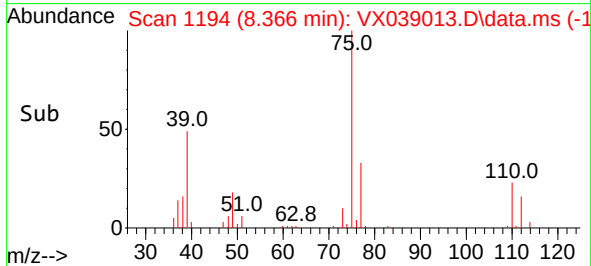
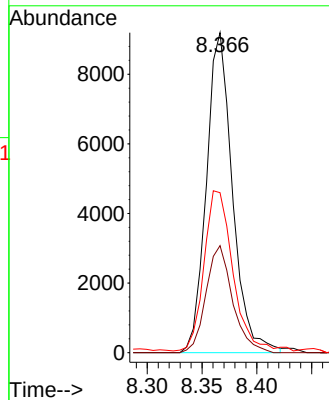
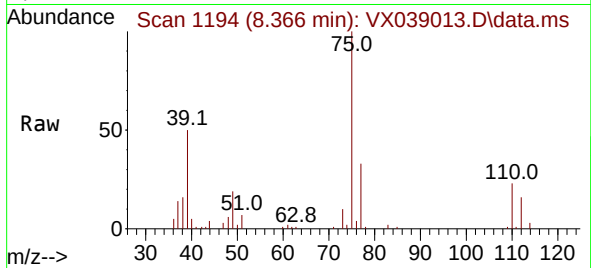
Manual Integrations
APPROVED

Reviewed By :John
Carlone

11/27/2023

Supervised By :Mahesh
Dadoda

11/27/2023



#50

1,1,2-Trichloroethane

Concen: 5.067 ug/l

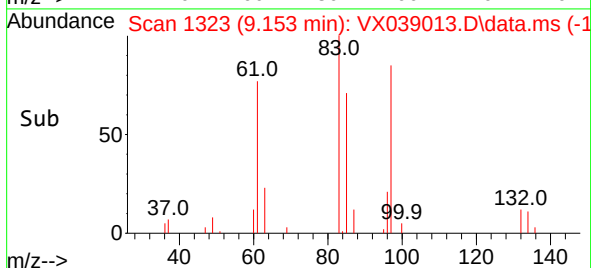
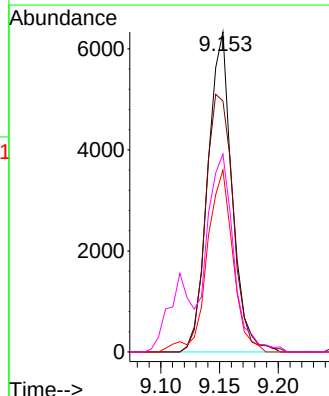
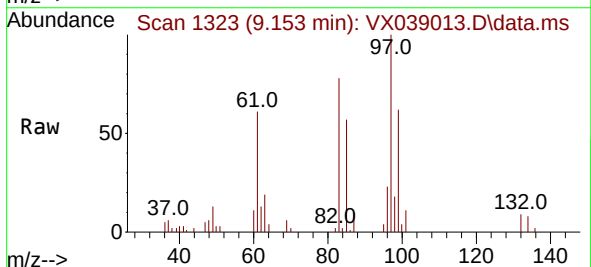
RT: 9.153 min Scan# 1323

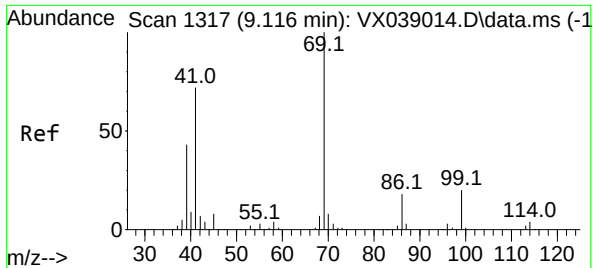
Delta R.T. 0.000 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

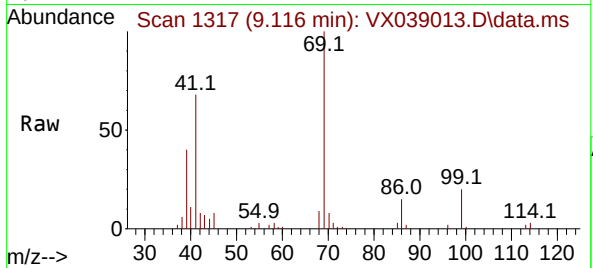
Tgt Ion: 97	Resp: 9096
Ion Ratio	Lower Upper
97 100	
83 78.4	69.0 103.6
85 56.9	46.3 69.5
99 60.3	50.9 76.3





#51
Ethyl methacrylate
Concen: 4.996 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



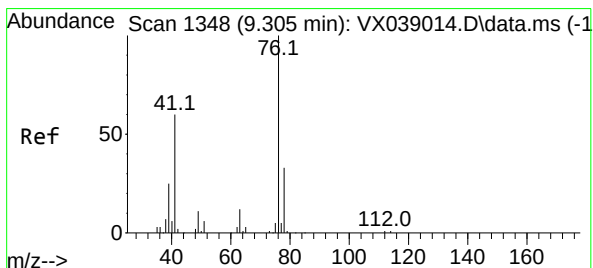
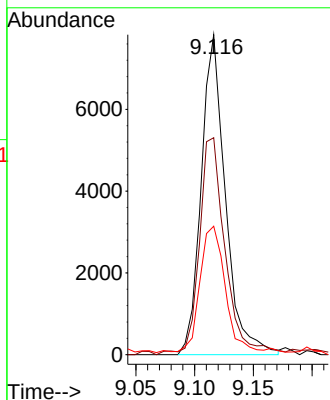
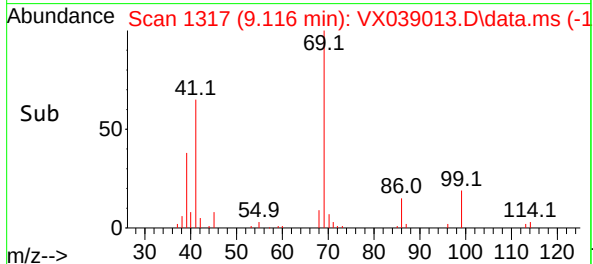
Tgt Ion: 69 Resp: 11228
Ion Ratio Lower Upper
69 100
41 66.9 36.2 108.6
39 39.2 21.1 63.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

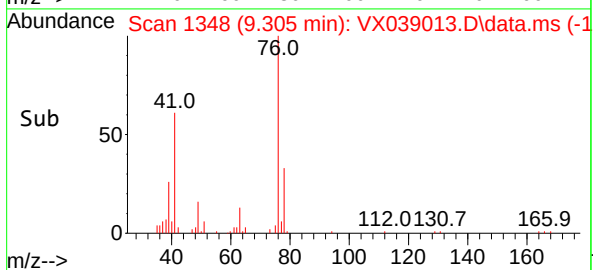
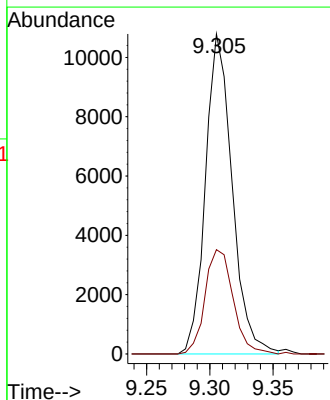
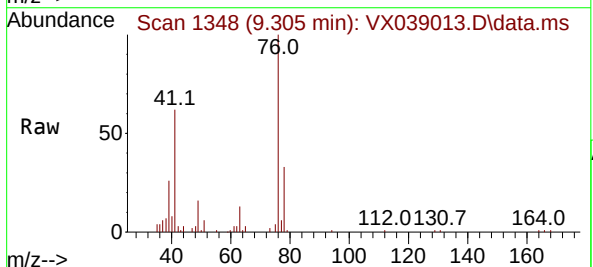
11/27/2023
Supervised By :Mahesh
Dadoda

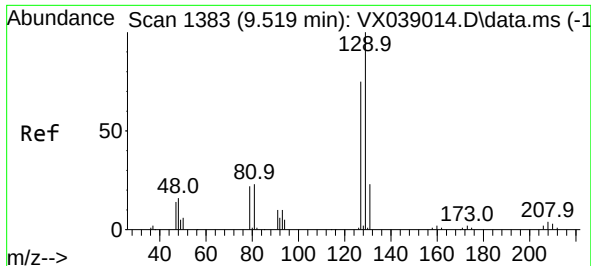
11/27/2023



#52
1,3-Dichloropropane
Concen: 5.144 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 76 Resp: 15837
Ion Ratio Lower Upper
76 100
78 34.2 0.0 65.0





#53

Dibromochloromethane

Concen: 5.025 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:129 Resp: 9689

Ion Ratio Lower Upper

129 100

127 80.8 38.3 114.9

Manual Integrations

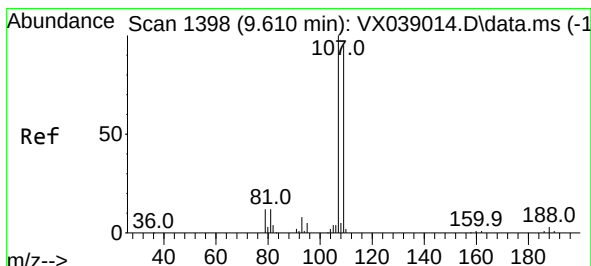
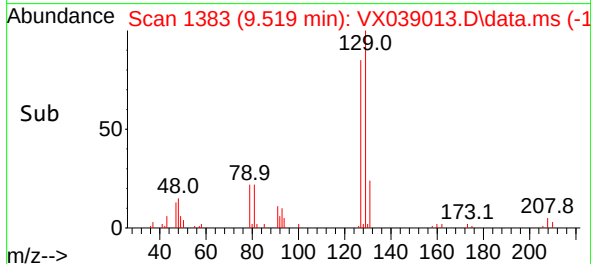
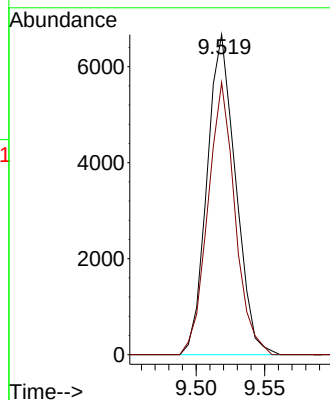
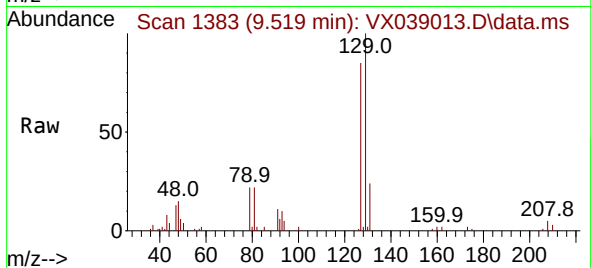
APPROVED

Reviewed By :John
Carlone

11/27/2023

Supervised By :Mahesh
Dadoda

11/27/2023



#54

1,2-Dibromoethane

Concen: 5.014 ug/l

RT: 9.604 min Scan# 1397

Delta R.T. -0.006 min

Lab File: VX039013.D

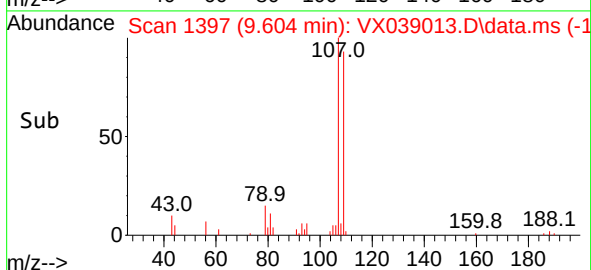
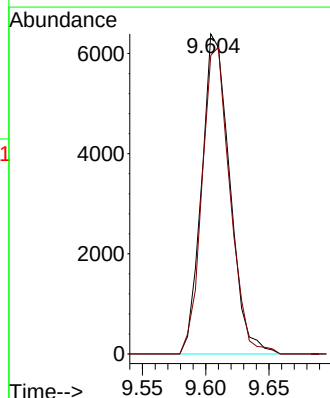
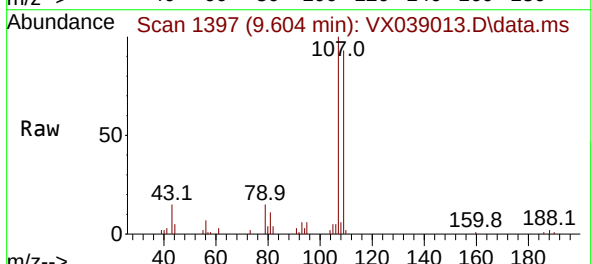
Acq: 24 Nov 2023 09:22

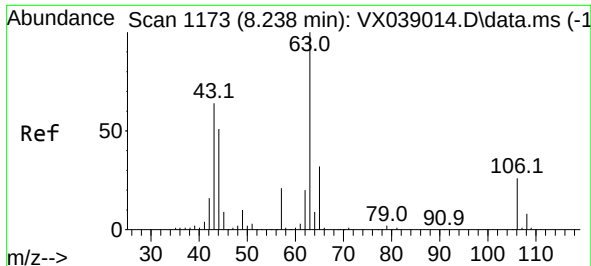
Tgt Ion:107 Resp: 9871

Ion Ratio Lower Upper

107 100

109 95.4 75.1 112.7





#55
2-Chloroethyl vinyl ether
Concen: 24.750 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

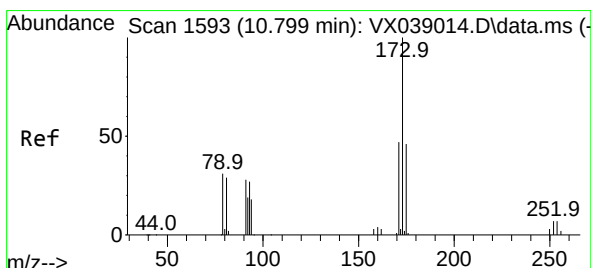
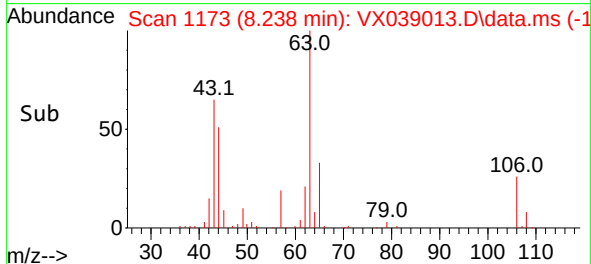
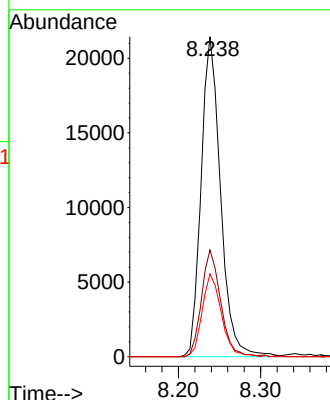
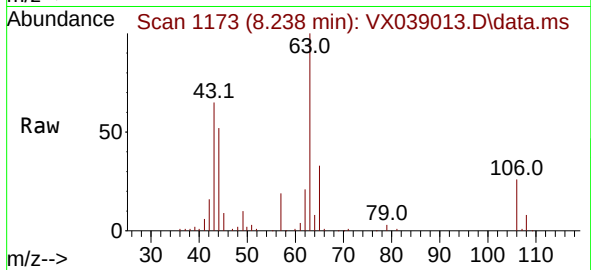
Tgt Ion: 63 Resp: 3523
Ion Ratio Lower Upper
63 100
65 32.7 25.8 38.6
106 25.5 20.6 31.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

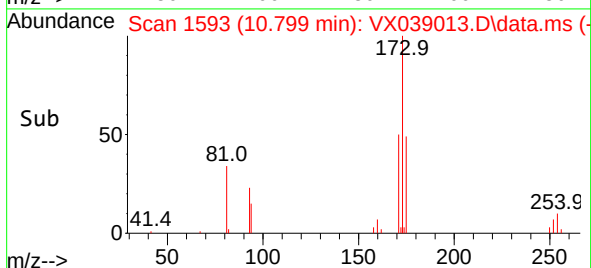
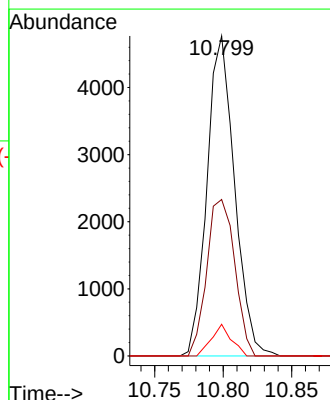
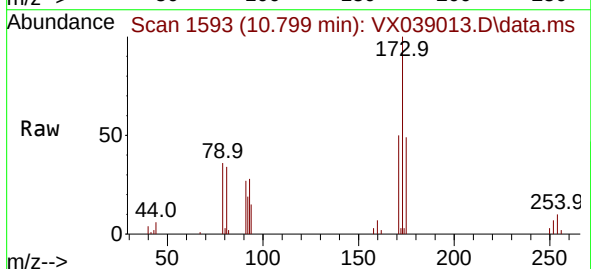
11/27/2023
Supervised By :Mahesh
Dadoda

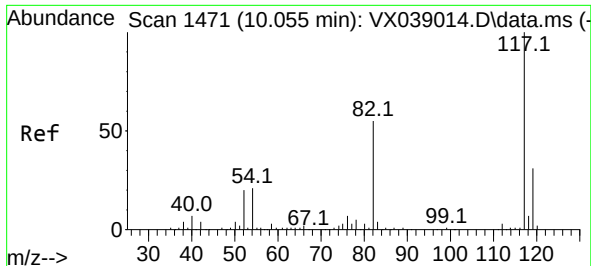
11/27/2023



#56
Bromoform
Concen: 4.791 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion:173 Resp: 6667
Ion Ratio Lower Upper
173 100
175 49.7 37.6 56.4
254 7.1 5.8 8.8





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:117 Resp: 107819

Ion Ratio Lower Upper

117 100

82 59.1 47.0 70.6

119 31.9 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John

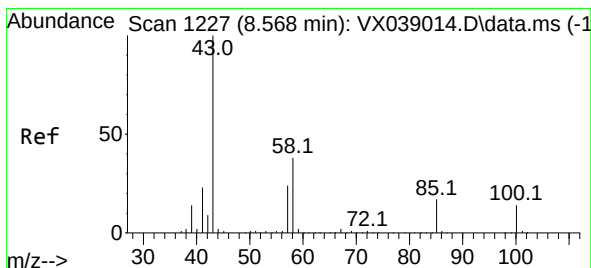
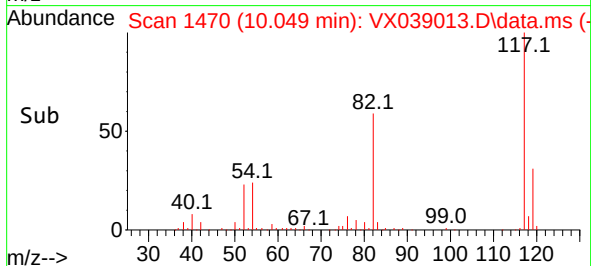
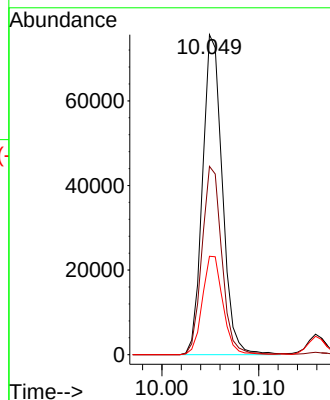
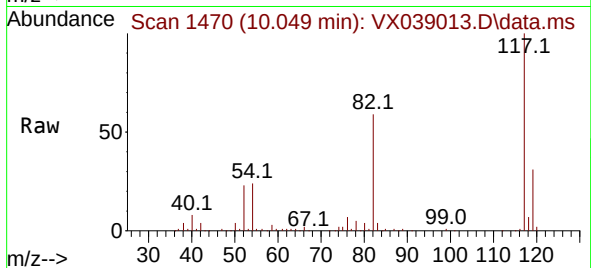
Carlone

11/27/2023

Supervised By :Mahesh

Dadoda

11/27/2023



#58

4-Methyl-2-Pentanone

Concen: 26.023 ug/l

RT: 8.568 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

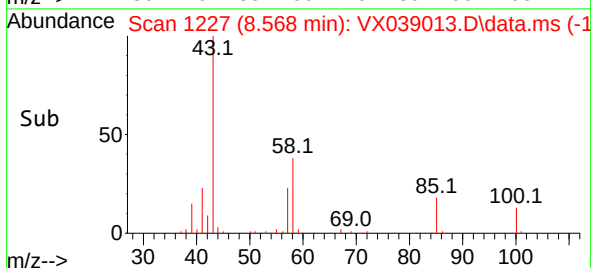
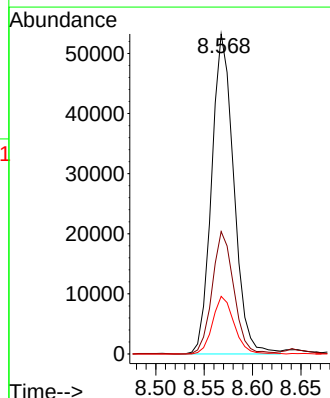
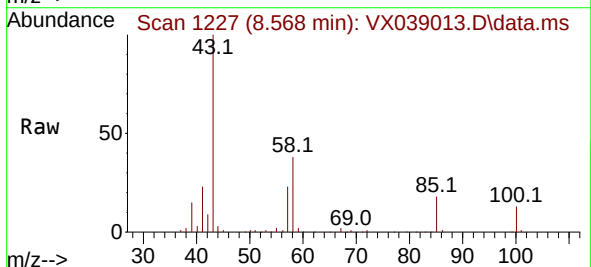
Tgt Ion: 43 Resp: 85084

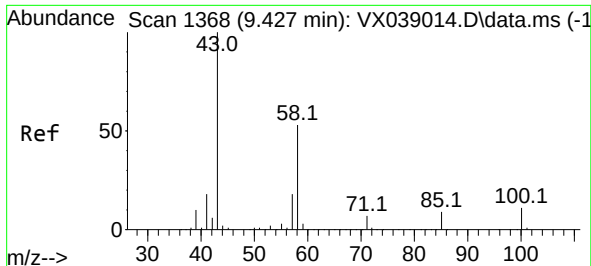
Ion Ratio Lower Upper

43 100

58 37.2 30.1 45.1

85 17.4 13.9 20.9





#59

2-Hexanone

Concen: 32.058 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 86038

Ion	Ratio	Lower	Upper
43	100		
58	53.7	42.7	64.1
57	18.2	14.8	22.2

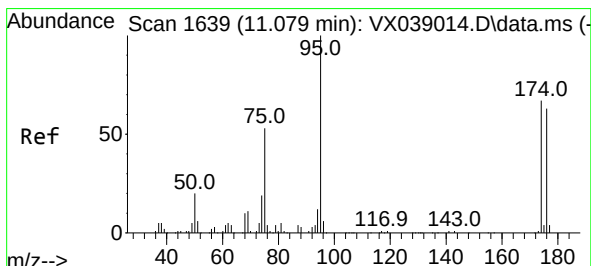
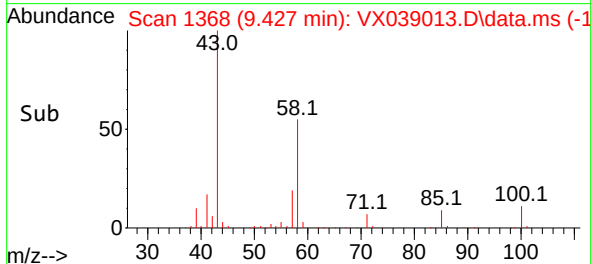
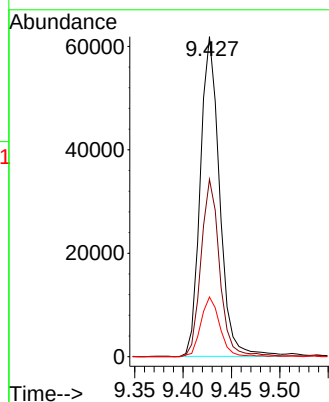
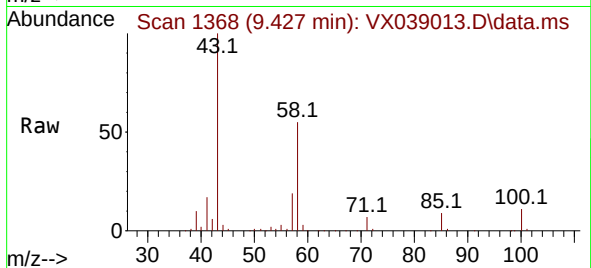
Manual Integrations
APPROVED

Reviewed By :John
Carlone

11/27/2023

Supervised By :Mahesh
Dadoda

11/27/2023



#60

4-Bromofluorobenzene

Concen: 28.990 ug/l

RT: 11.079 min Scan# 1639

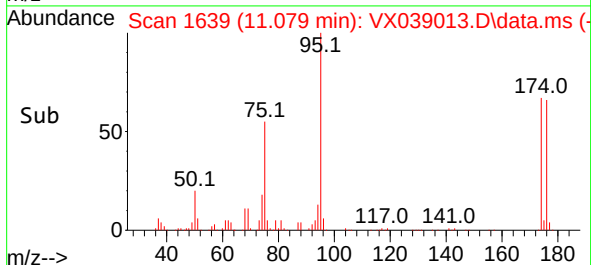
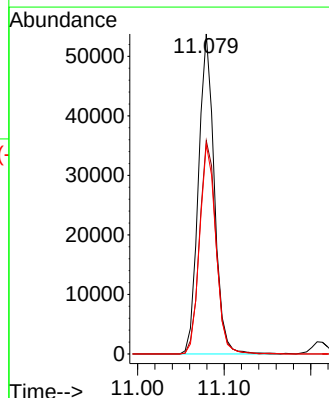
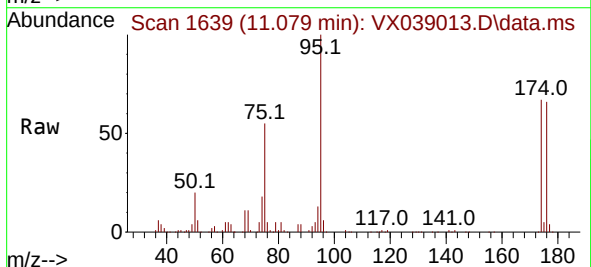
Delta R.T. 0.000 min

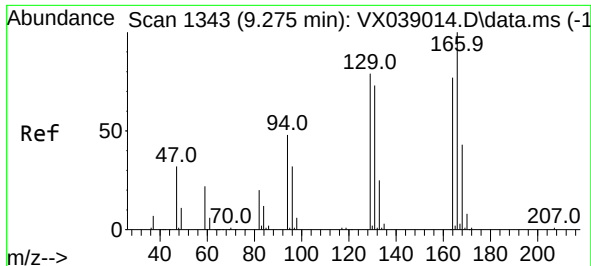
Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

Tgt Ion: 95 Resp: 68271

Ion	Ratio	Lower	Upper
95	100		
174	69.1	55.4	83.2
176	67.1	52.6	78.8





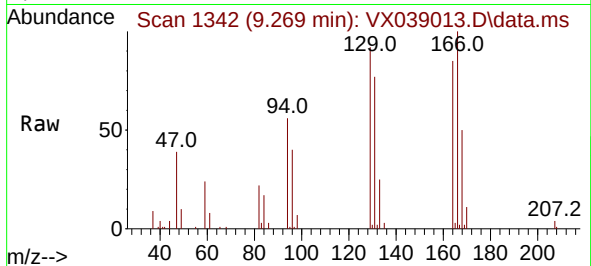
#61
Tetrachloroethene
Concen: 5.541 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



Tgt Ion:164 Resp: 776
Ion Ratio Lower Upper
164 100
166 118.0 104.0 156.0
129 108.5 82.0 123.0
131 90.3 76.4 114.6

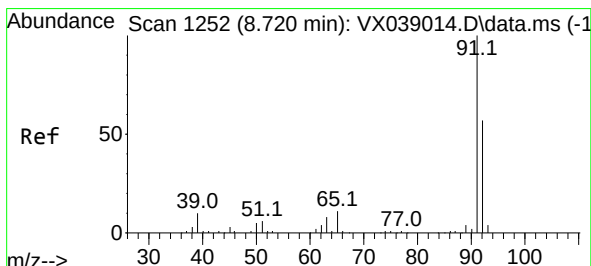
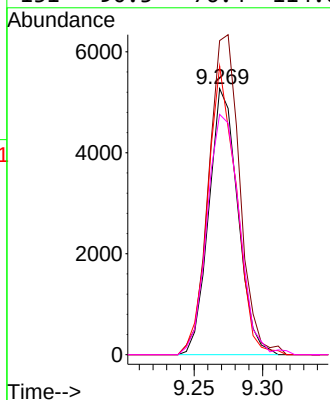
Manual Integrations
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Reviewed By :John
Carlone

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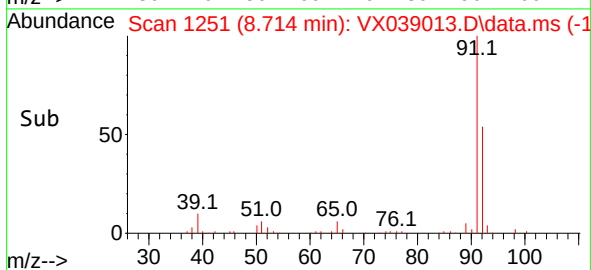
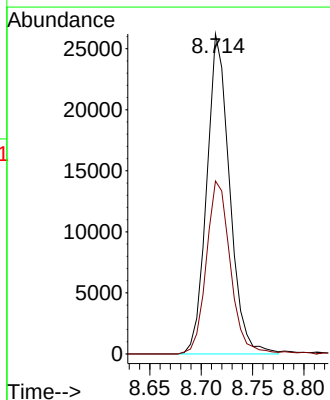
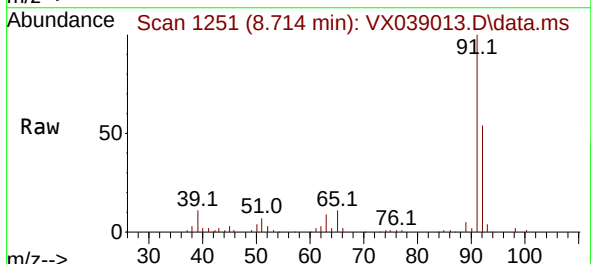
Supervised By :Mahesh
Dadoda

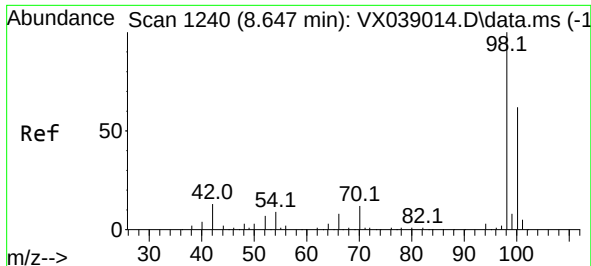
11/27/2023



#62
Toluene
Concen: 5.293 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

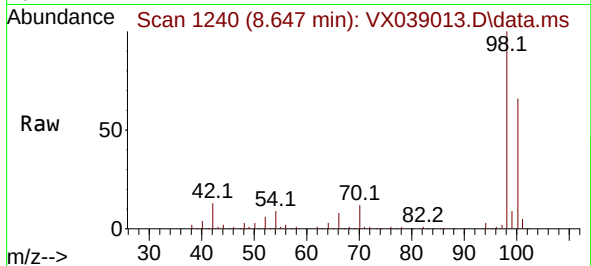
Tgt Ion: 91 Resp: 40518
Ion Ratio Lower Upper
91 100
92 56.6 45.9 68.9





#63
Toluene-d8
Concen: 30.139 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



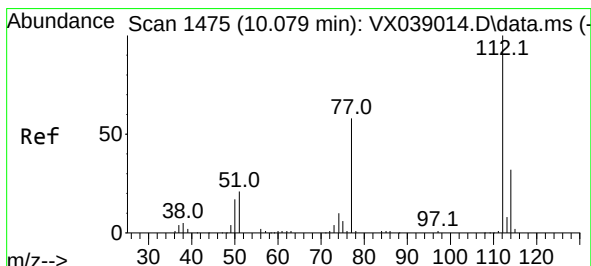
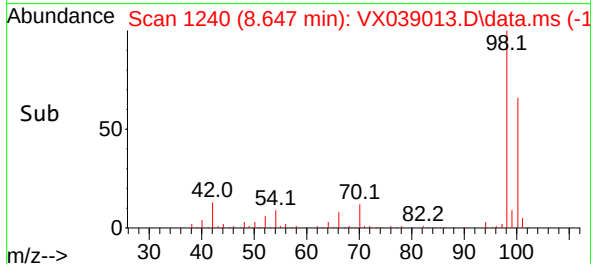
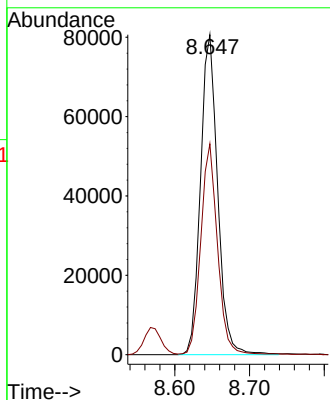
Tgt Ion: 98 Resp: 128478
Ion Ratio Lower Upper
98 100
100 63.6 51.0 76.4

Manual Integrations
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Reviewed By :John
Carlone

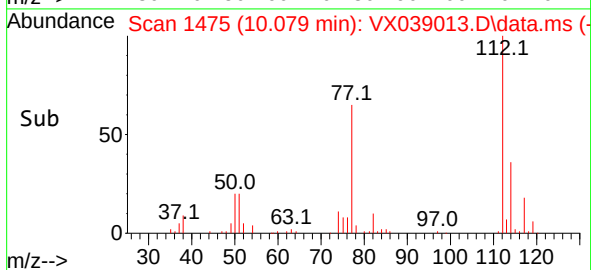
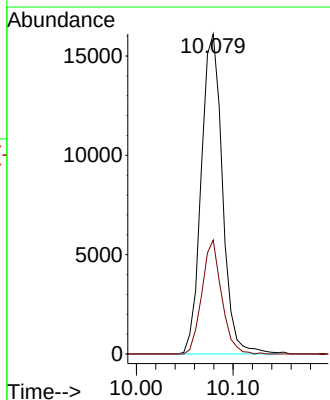
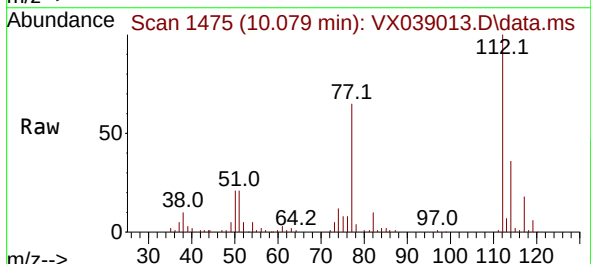
11/27/2023
Supervised By :Mahesh
Dadoda

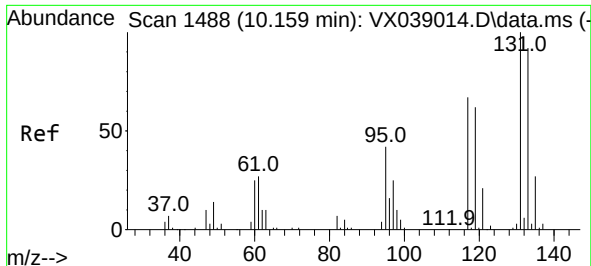
11/27/2023



#64
Chlorobenzene
Concen: 5.280 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion:112 Resp: 24587
Ion Ratio Lower Upper
112 100
114 35.6 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 5.184 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

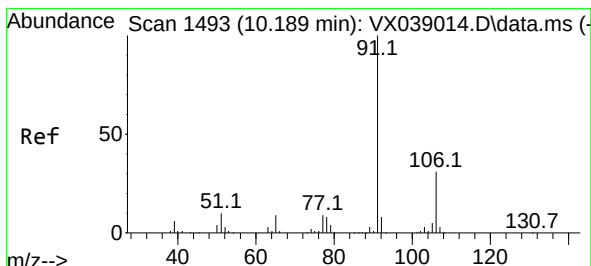
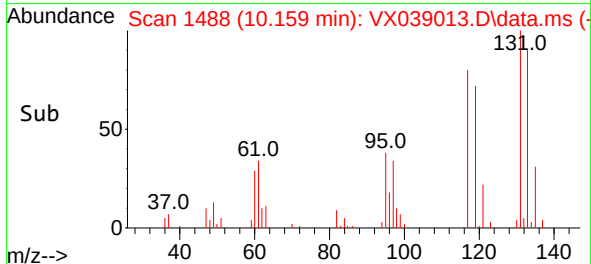
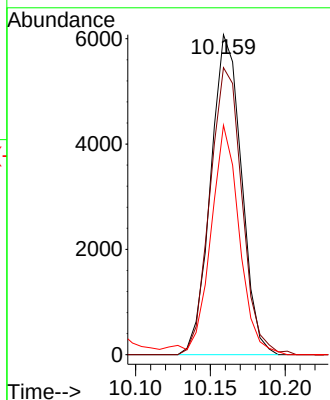
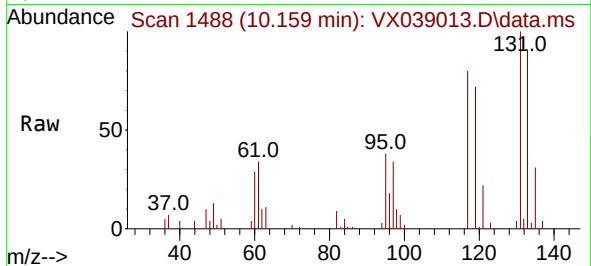
Tgt Ion:131 Resp: 869
Ion Ratio Lower Upper
131 100
133 93.3 0.0 191.8
119 65.7 0.0 135.4

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Reviewed By :John
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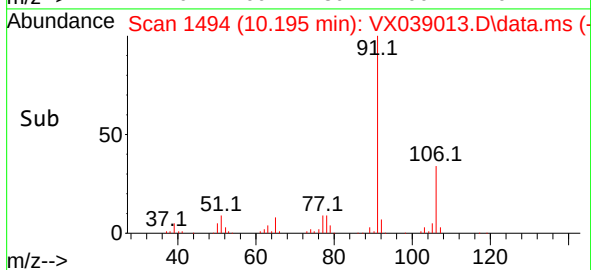
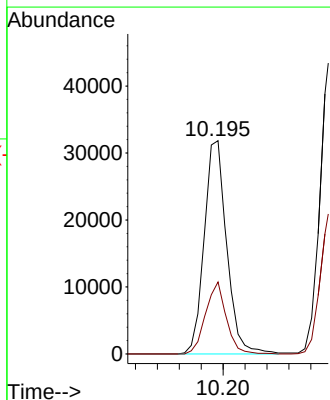
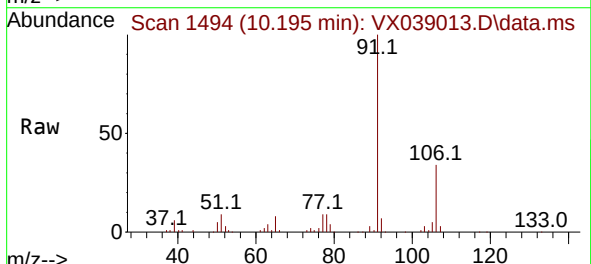
11/27/2023
Supervised By :Mahesh
Dadoda

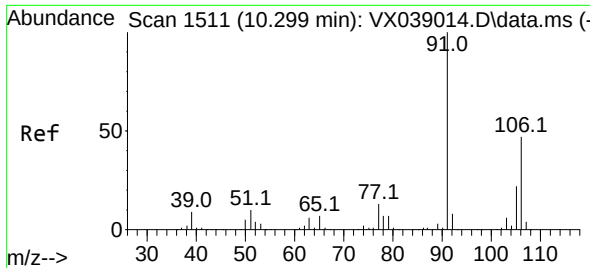
11/27/2023



#66
Ethyl Benzene
Concen: 5.203 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 91 Resp: 45353
Ion Ratio Lower Upper
91 100
106 33.7 24.4 36.6





#67
m/p-Xylenes
Concen: 10.640 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

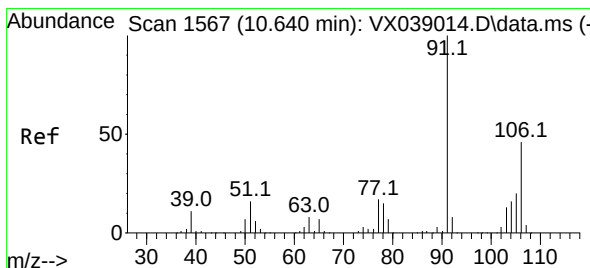
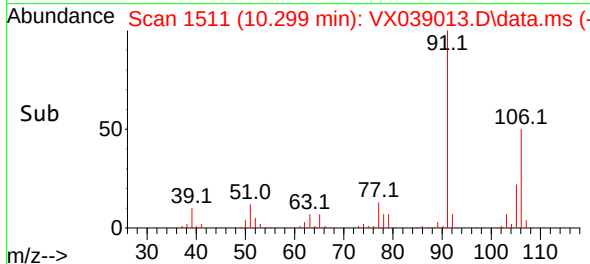
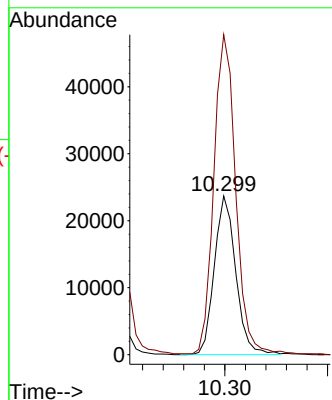
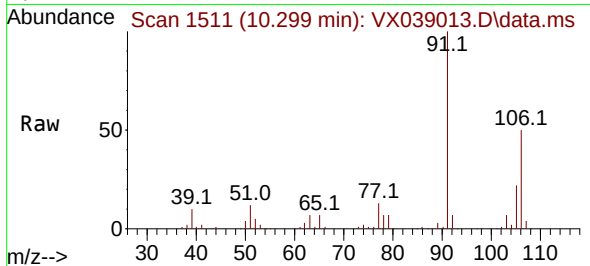
Tgt Ion:106 Resp: 34270
Ion Ratio Lower Upper
106 100
91 206.1 169.4 254.0

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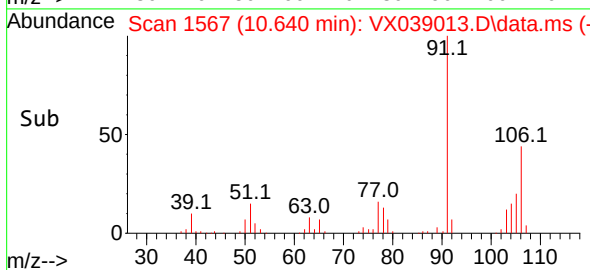
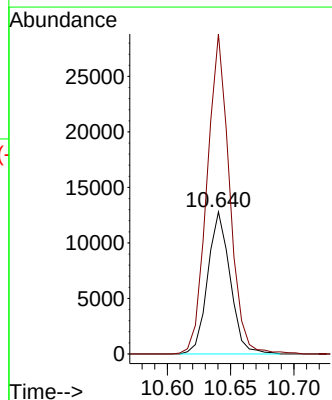
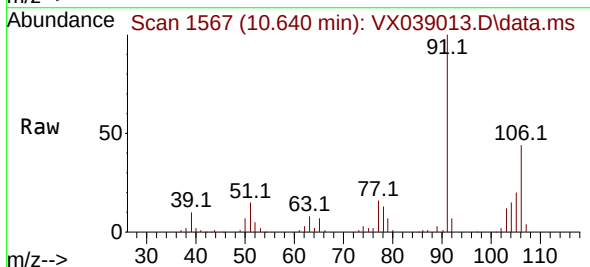
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Supervised By :Mahesh
Dadoda

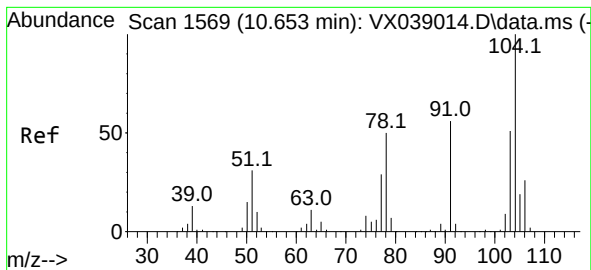
11/27/2023



#68
o-Xylene
Concen: 5.065 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion:106 Resp: 15802
Ion Ratio Lower Upper
106 100
91 225.5 111.2 333.6





#69

Styrene

Concen: 4.894 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:104	Resp:	22600
Ion Ratio	Lower	Upper
104	100	
78	56.2	43.7 65.5
103	55.6	44.6 67.0

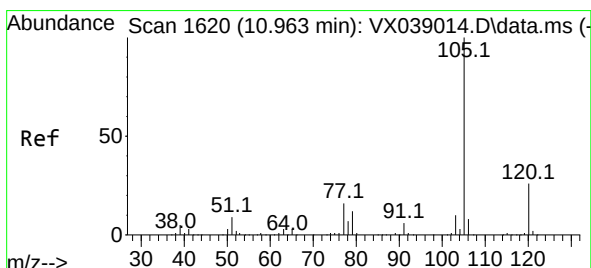
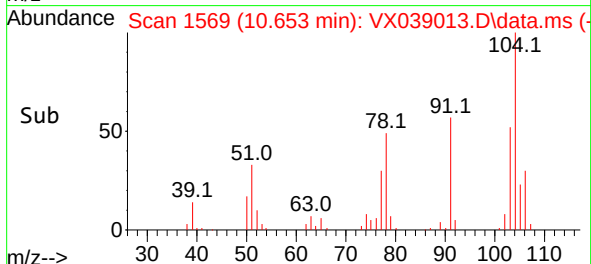
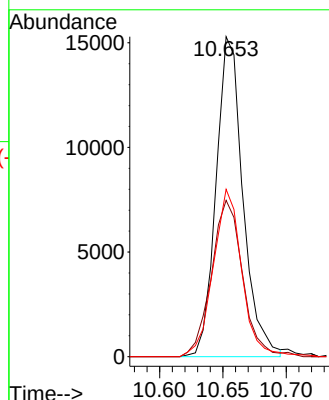
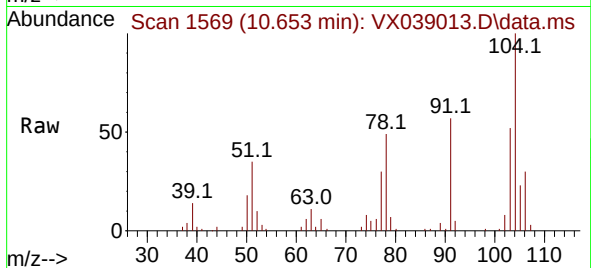
Manual Integrations
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Reviewed By :John
Carlone

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Supervised By :Mahesh
Dadoda

11/27/2023



#70

Isopropylbenzene

Concen: 5.171 ug/l

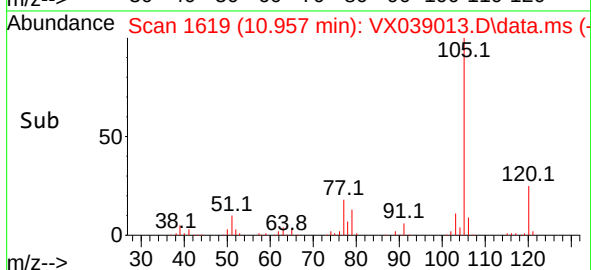
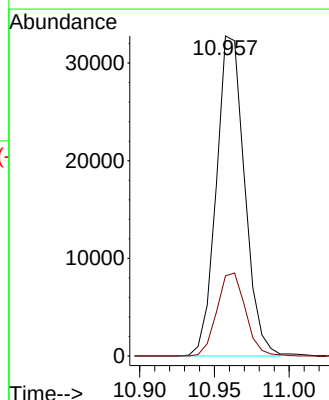
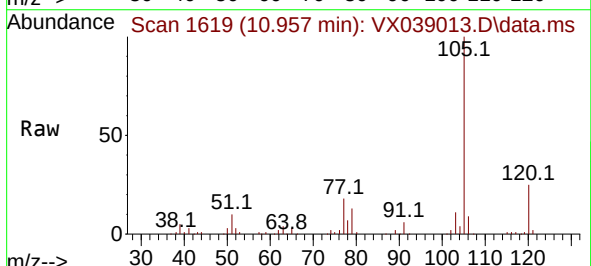
RT: 10.957 min Scan# 1619

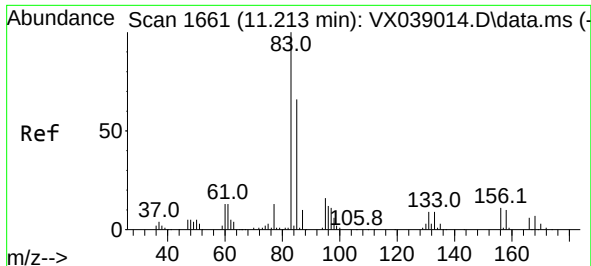
Delta R.T. -0.006 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

Tgt Ion:105	Resp:	43162
Ion Ratio	Lower	Upper
105	100	
120	26.1	18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 5.022 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

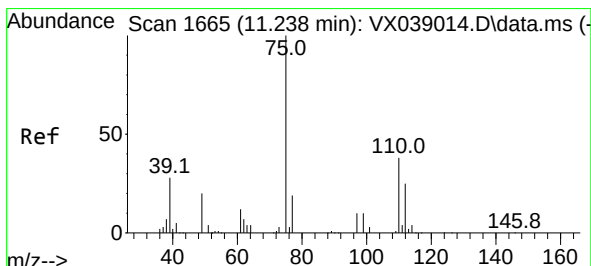
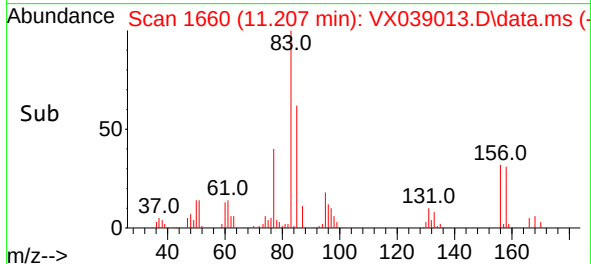
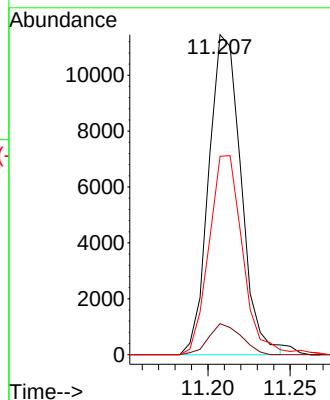
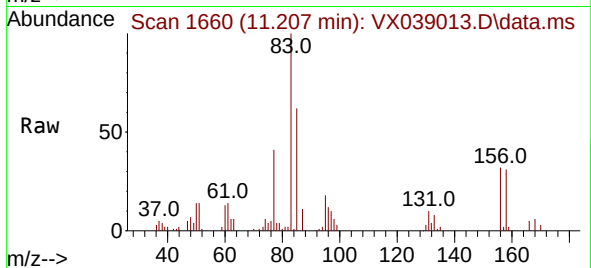
Tgt Ion: 83 Resp: 15649
Ion Ratio Lower Upper
83 100
131 9.8 4.6 13.8
85 64.3 32.5 97.4

Manual Integrations
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Reviewed By :John
Carlone

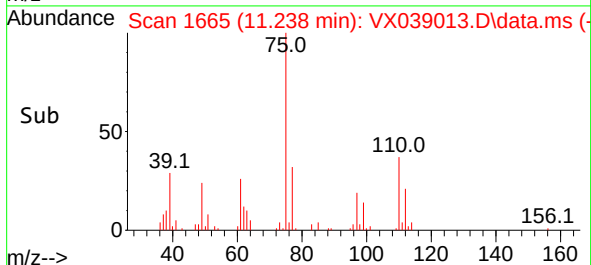
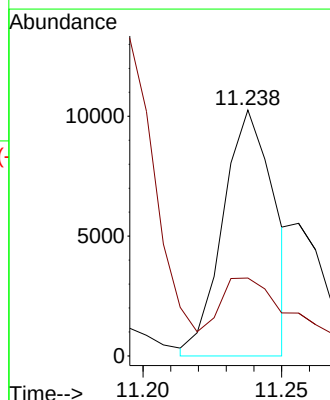
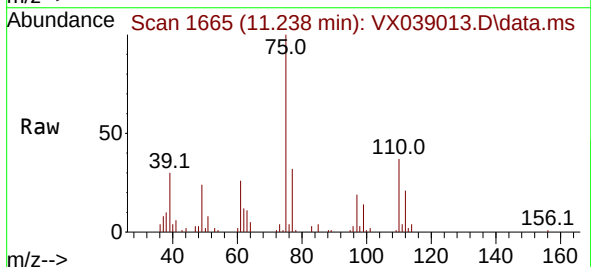
11/27/2023
Supervised By :Mahesh
Dadoda

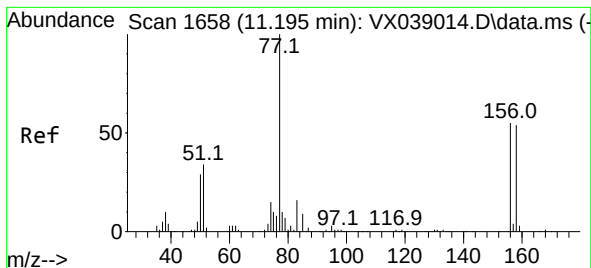
11/27/2023



#72
1,2,3-Trichloropropane
Concen: 3.696 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 75 Resp: 13235
Ion Ratio Lower Upper
75 100
77 46.8 0.0 76.4





#73

Bromobenzene

Concen: 5.190 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:	156	Resp:	986
Ion Ratio	Lower	Upper	
156	100		
77	173.3	0.0	363.2
158	97.0	0.0	197.8

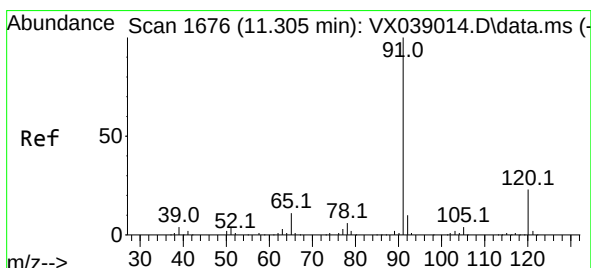
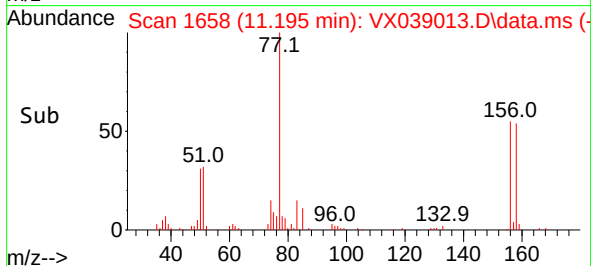
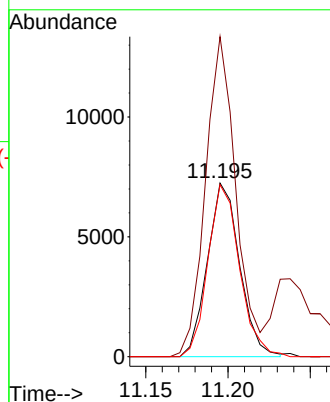
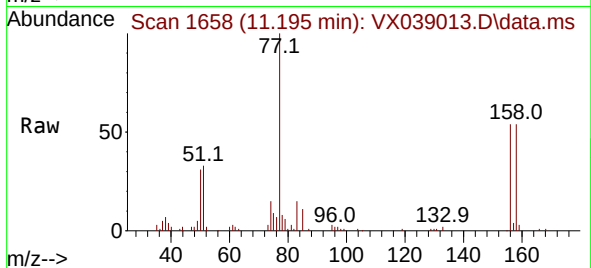
Manual Integrations
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Reviewed By :John
Carlone

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Supervised By :Mahesh
Dadoda

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#74

n-propylbenzene

Concen: 5.215 ug/l

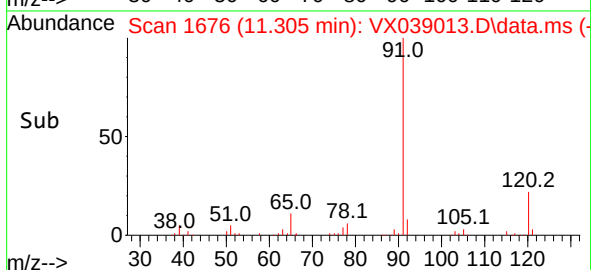
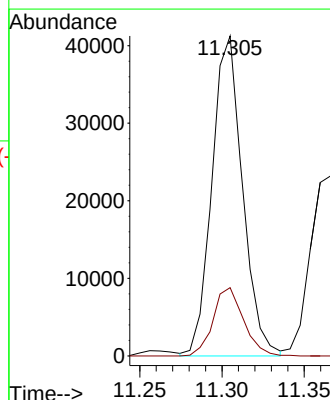
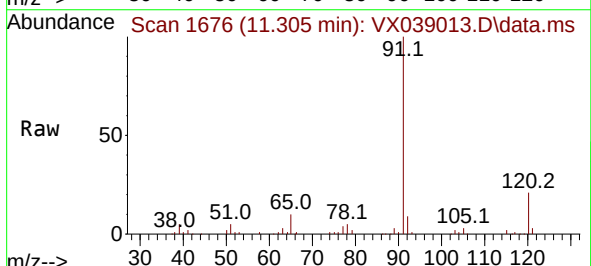
RT: 11.305 min Scan# 1676

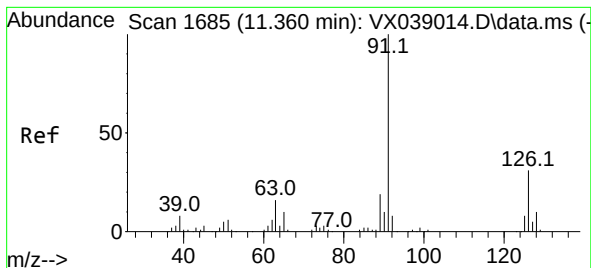
Delta R.T. 0.000 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

Tgt Ion:	91	Resp:	53341
Ion Ratio	Lower	Upper	
91	100		
120	21.3	0.0	43.4





#75
2-Chlorotoluene
Concen: 5.183 ug/l
RT: 11.366 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

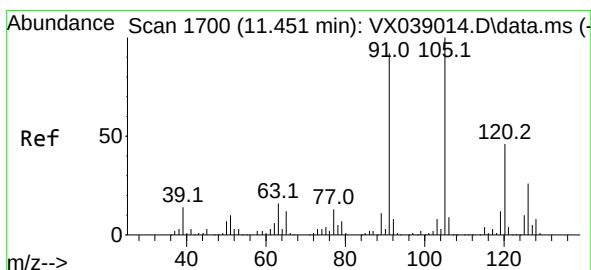
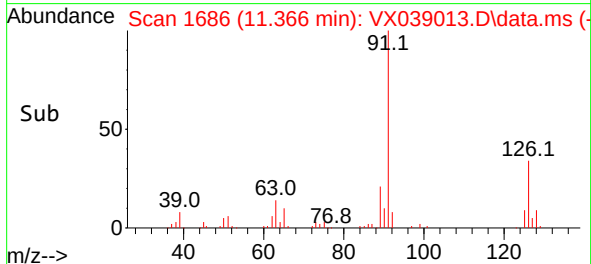
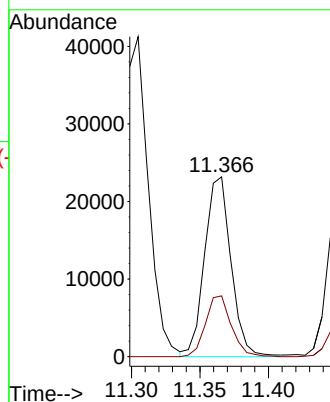
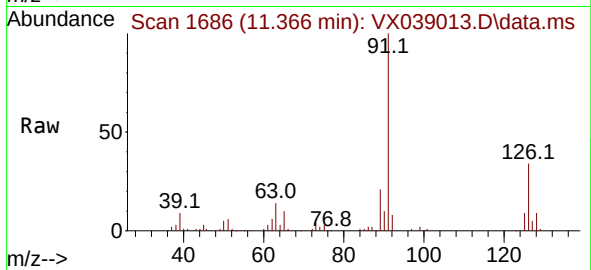
Tgt Ion: 91 Resp: 31098
Ion Ratio Lower Upper
91 100
126 33.1 0.0 64.2

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Reviewed By :John
Carlone

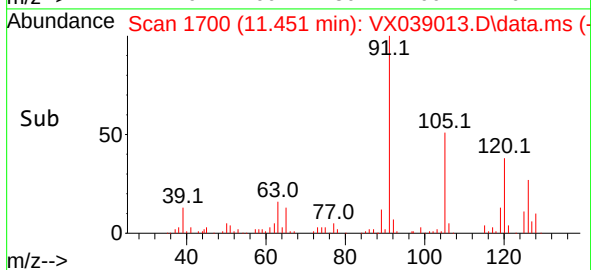
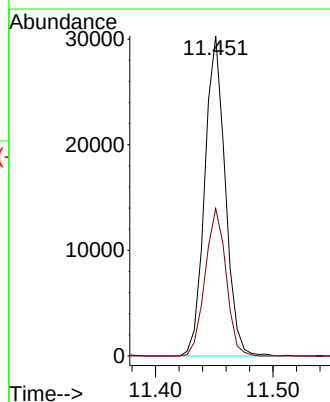
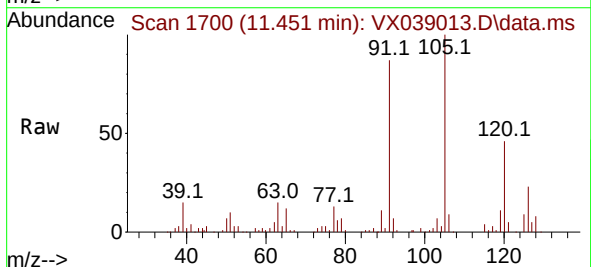
11/27/2023
Supervised By :Mahesh
Dadoda

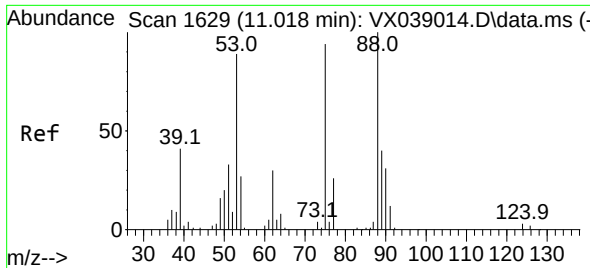
11/27/2023



#76
1,3,5-Trimethylbenzene
Concen: 5.099 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion:105 Resp: 36667
Ion Ratio Lower Upper
105 100
120 46.9 0.0 92.6





#77
t-1,4-Dichloro-2-butene
Concen: 4.738 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

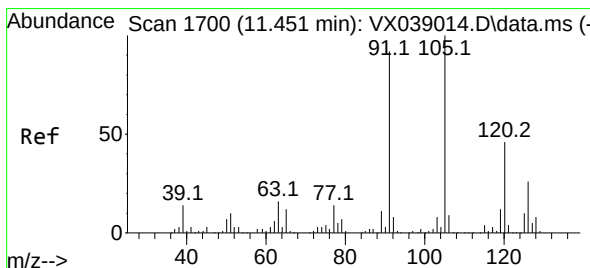
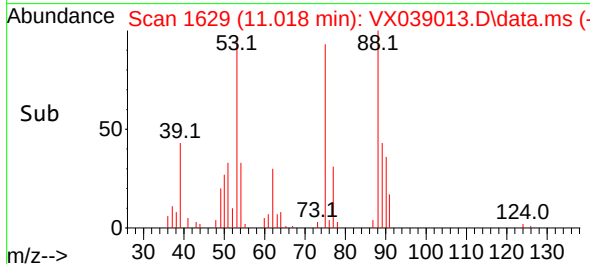
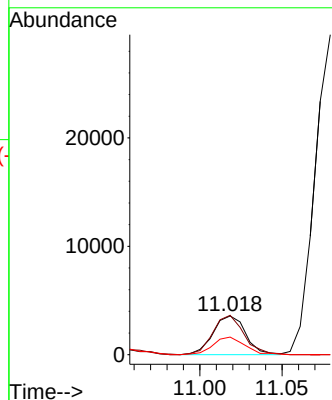
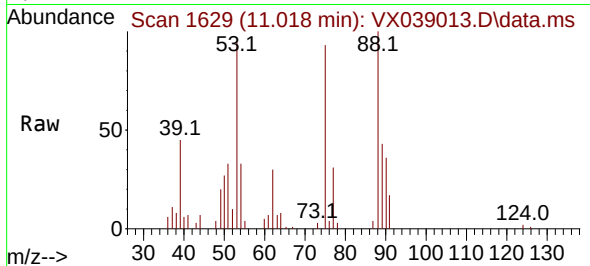
Tgt Ion: 75 Resp: 495
Ion Ratio Lower Upper
75 100
53 101.7 46.9 140.8
89 45.5 21.3 63.7

Manual Integrations
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Reviewed By :John
Carlone

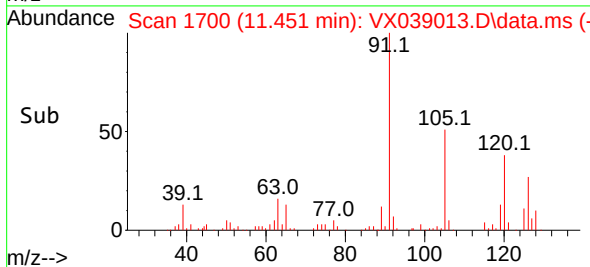
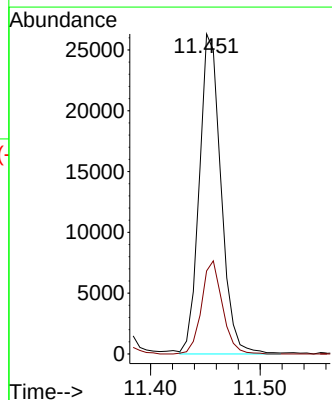
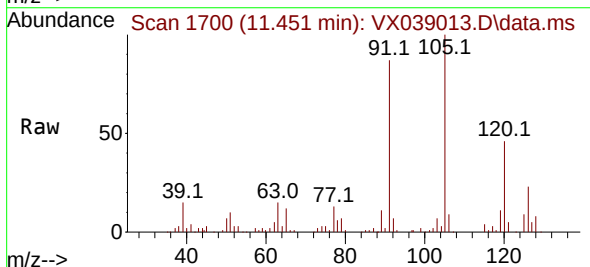
11/27/2023
Supervised By :Mahesh
Dadoda

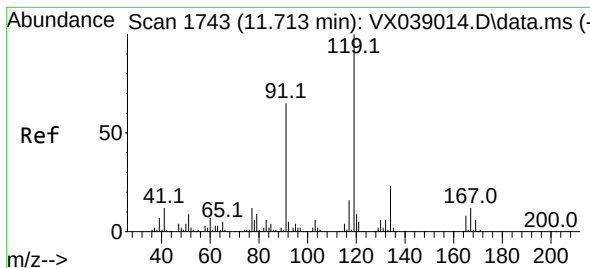
11/27/2023



#78
4-Chlorotoluene
Concen: 5.126 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

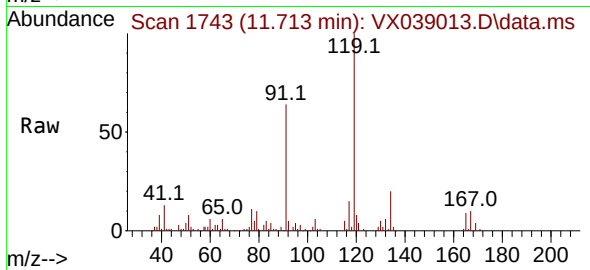
Tgt Ion: 91 Resp: 36162
Ion Ratio Lower Upper
91 100
126 28.0 0.0 57.4





#79
tert-butylbenzene
Concen: 5.273 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



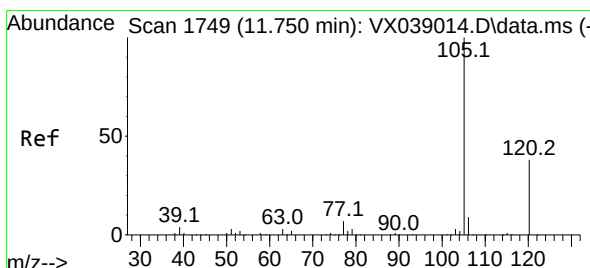
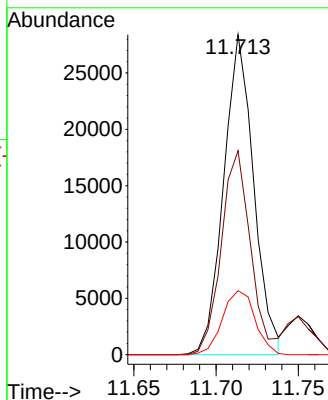
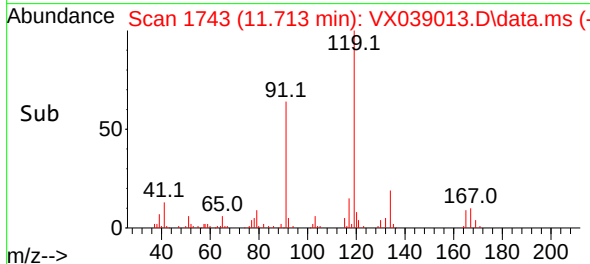
Tgt Ion:119 Resp: 3605
Ion Ratio Lower Upper
119 100
91 61.2 0.0 125.6
134 21.8 0.0 43.8

Manual Integrations
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Reviewed By :John
Carlone

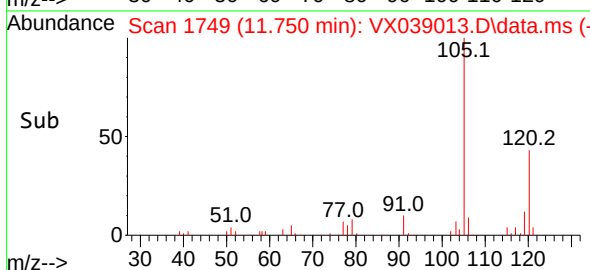
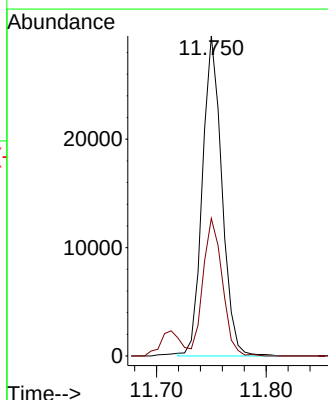
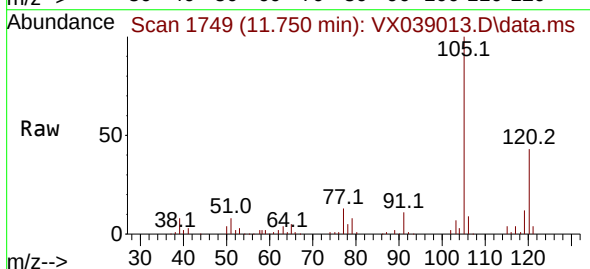
11/27/2023
Supervised By :Mahesh
Dadoda

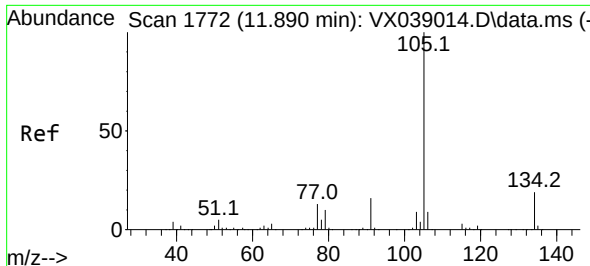
11/27/2023



#80
1,2,4-Trimethylbenzene
Concen: 5.055 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

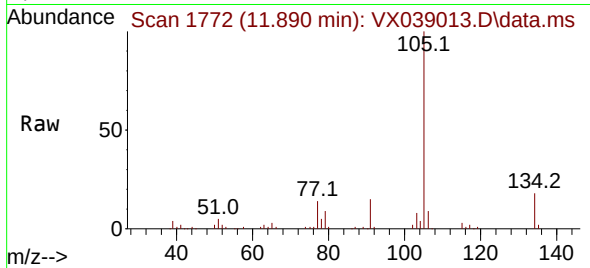
Tgt Ion:105 Resp: 36384
Ion Ratio Lower Upper
105 100
120 42.1 0.0 86.4





#81
 sec-Butylbenzene
 Concen: 5.170 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039013.D
 Acq: 24 Nov 2023 09:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



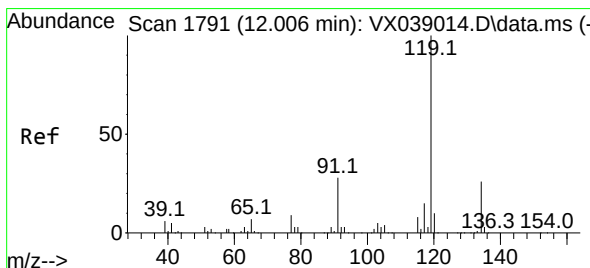
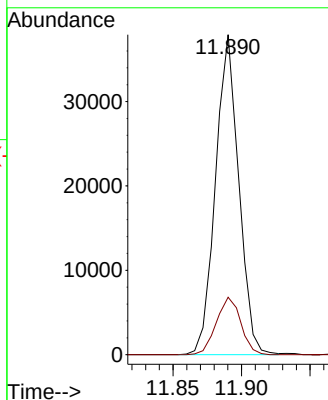
Tgt Ion:105 Resp: 44689
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 38.4

Manual Integrations
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Reviewed By :John
 Carlone

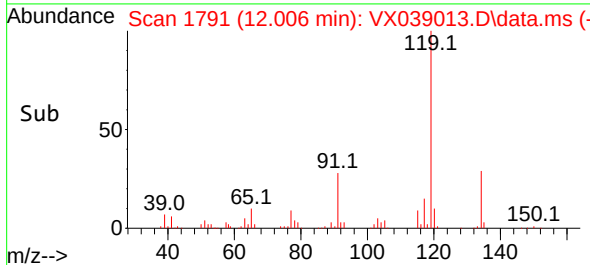
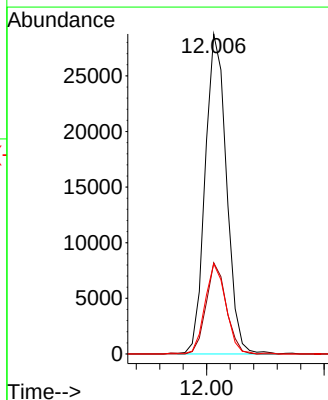
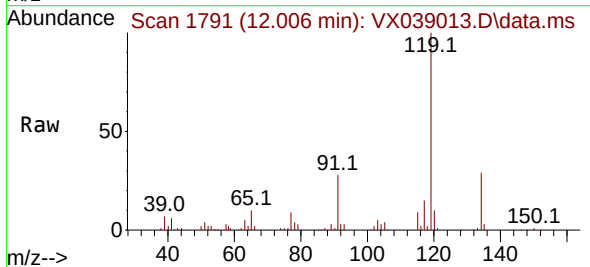
11/27/2023
 Supervised By :Mahesh
 Dadoda

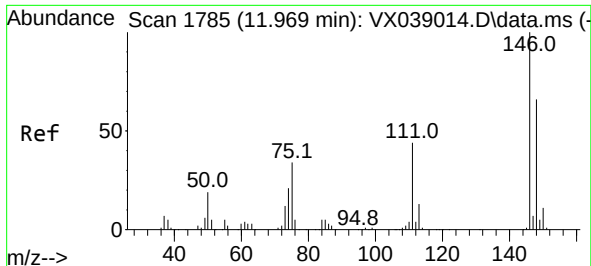
11/27/2023



#82
 p-Isopropyltoluene
 Concen: 4.956 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039013.D
 Acq: 24 Nov 2023 09:22

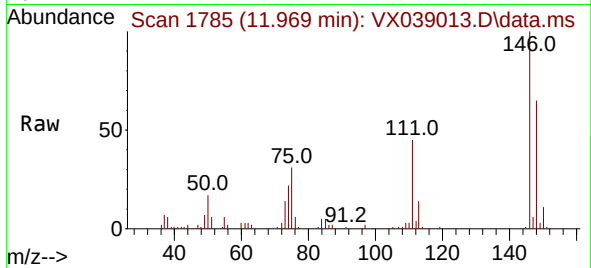
Tgt Ion:119 Resp: 36309
 Ion Ratio Lower Upper
 119 100
 134 26.9 0.0 52.6
 91 27.3 0.0 54.2





#83
1,3-Dichlorobenzene
Concen: 5.113 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



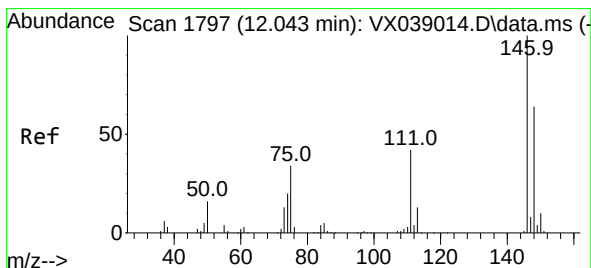
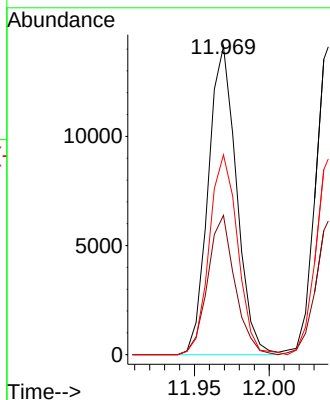
Tgt Ion:146 Resp: 1859
Ion Ratio Lower Upper
146 100
111 43.6 22.3 66.9
148 64.9 32.8 98.3

Manual Integrations
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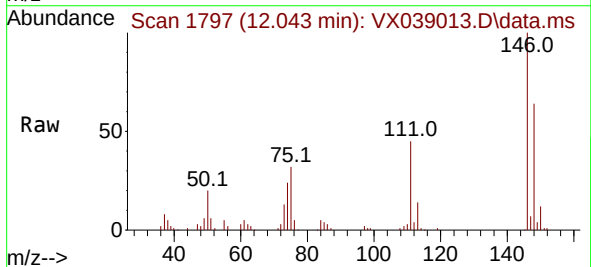
Reviewed By :John
Carlone

11/27/2023
Supervised By :Mahesh
Dadoda

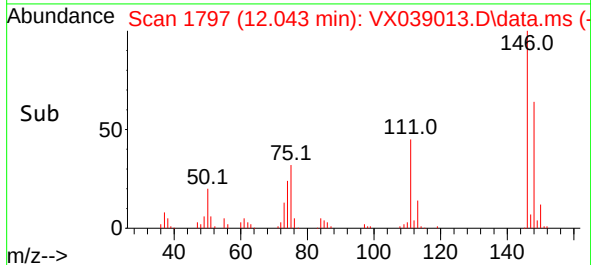
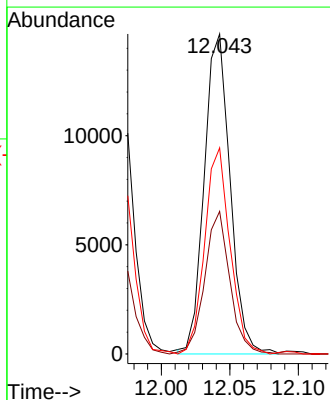
11/27/2023

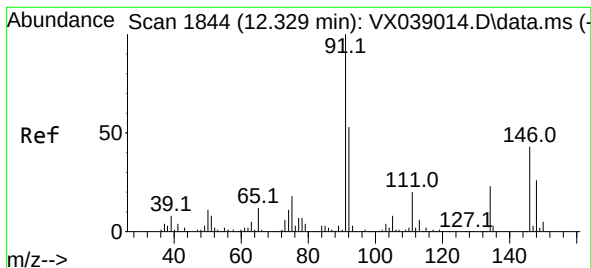


#84
1,4-Dichlorobenzene
Concen: 5.172 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22



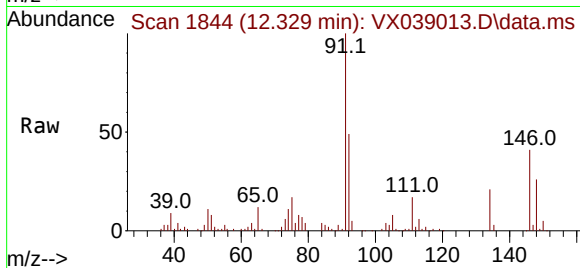
Tgt Ion:146 Resp: 19303
Ion Ratio Lower Upper
146 100
111 43.3 21.4 64.2
148 63.1 31.8 95.4





#85
n-Butylbenzene
Concen: 4.978 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



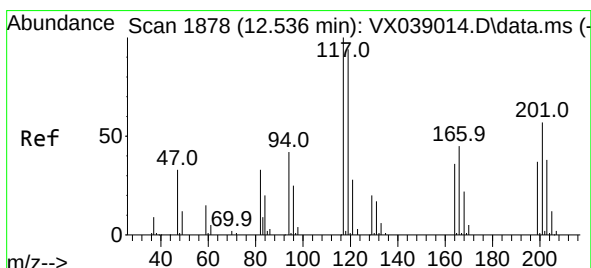
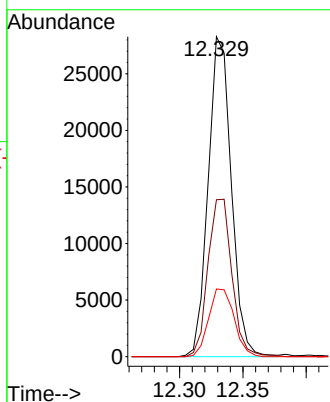
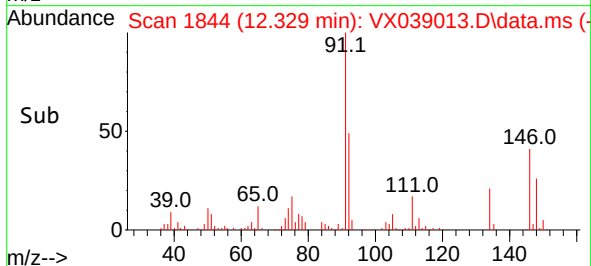
Tgt Ion: 91 Resp: 3601
Ion Ratio Lower Upper
91 100
92 50.9 0.0 106.2
134 23.2 0.0 48.8

Manual Integrations
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Reviewed By :John
Carlone

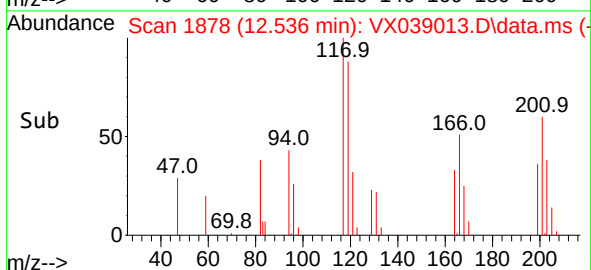
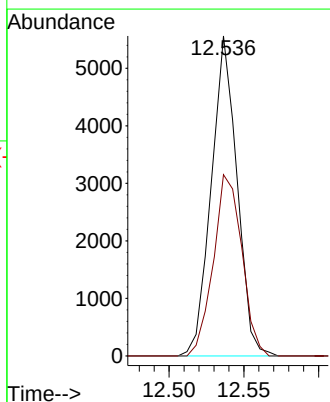
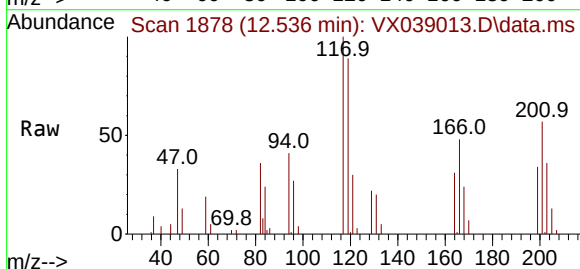
11/27/2023
Supervised By :Mahesh
Dadoda

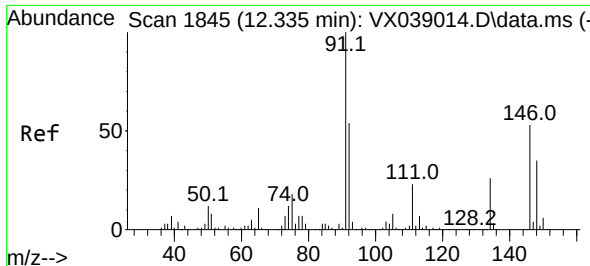
11/27/2023



#86
Hexachloroethane
Concen: 4.789 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion:117 Resp: 6648
Ion Ratio Lower Upper
117 100
201 62.8 31.8 95.3





#87

1,2-Dichlorobenzene

Concen: 5.236 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 1831

Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.4	67.2
148	62.7	31.9	95.7

Manual Integrations

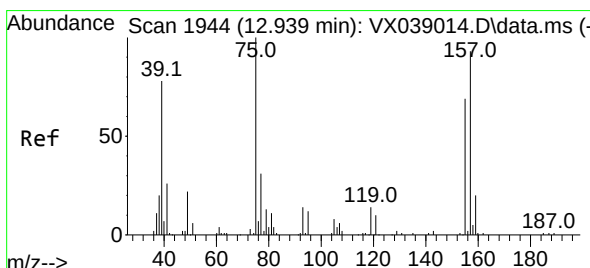
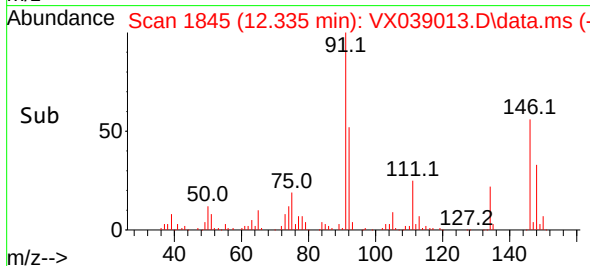
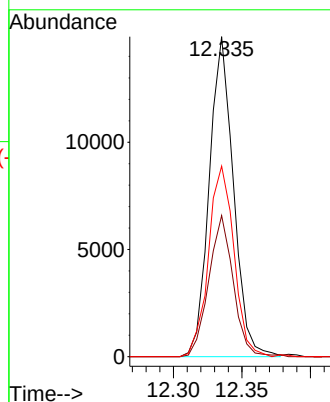
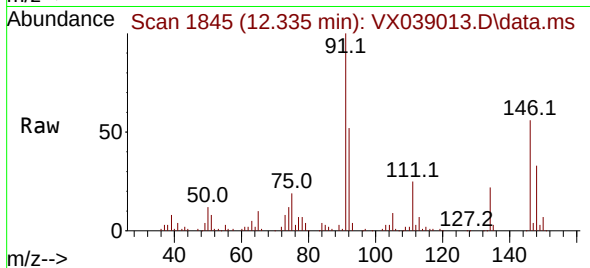
APPROVED

Reviewed By :John
Carlone

11/27/2023

Supervised By :Mahesh
Dadoda

11/27/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 4.799 ug/l

RT: 12.945 min Scan# 1945

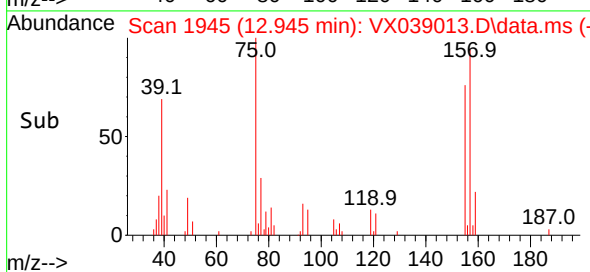
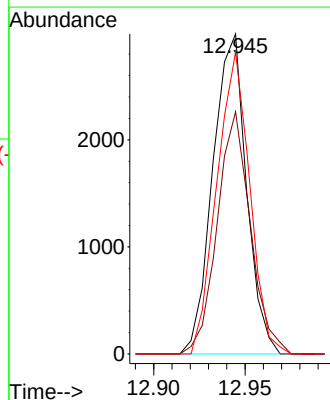
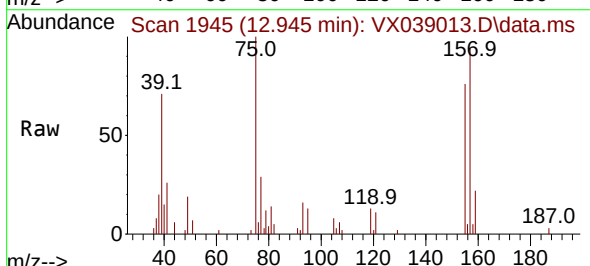
Delta R.T. 0.006 min

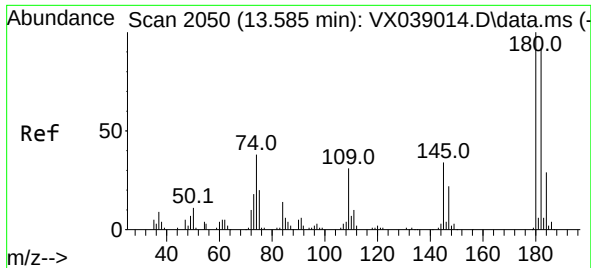
Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

Tgt Ion: 75 Resp: 3825

Ion	Ratio	Lower	Upper
75	100		
155	74.6	58.2	87.4
157	92.2	76.5	114.7





#89
 1,2,4-Trichlorobenzene
 Concen: 4.860 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VX039013.D
 Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:180 Resp: 11269
 Ion Ratio Lower Upper
 180 100
 182 101.5 74.5 111.7
 145 35.7 26.6 40.0

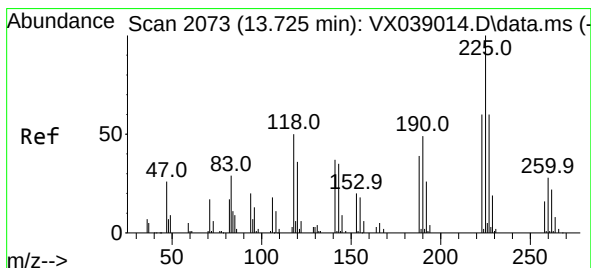
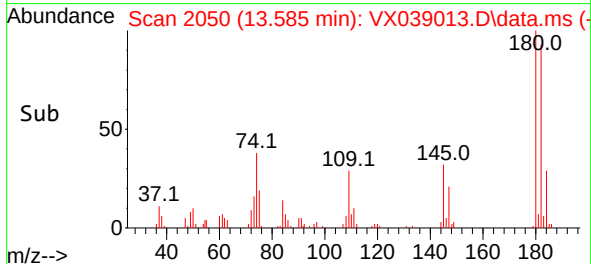
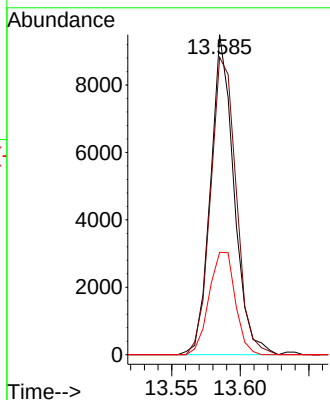
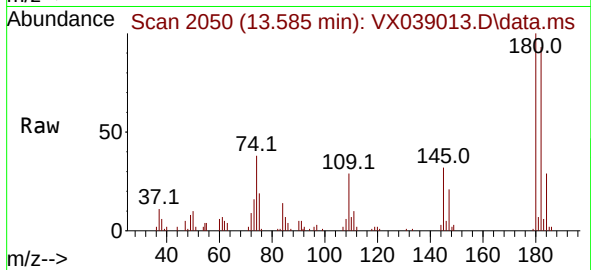
Manual Integrations
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Reviewed By :John
 Carlone

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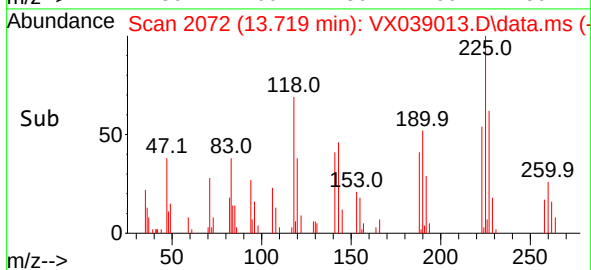
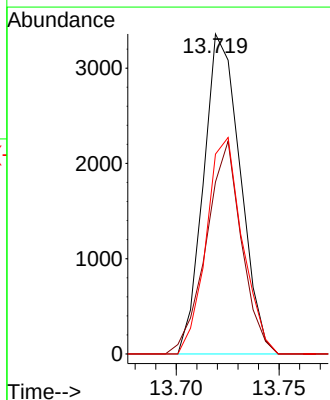
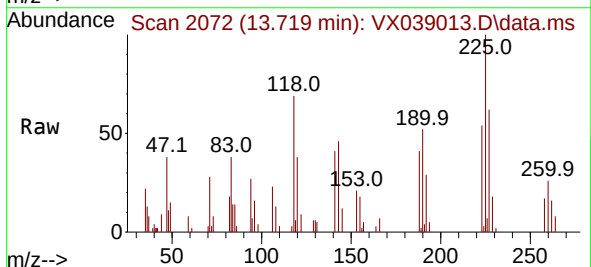
Supervised By :Mahesh
 Dadoda

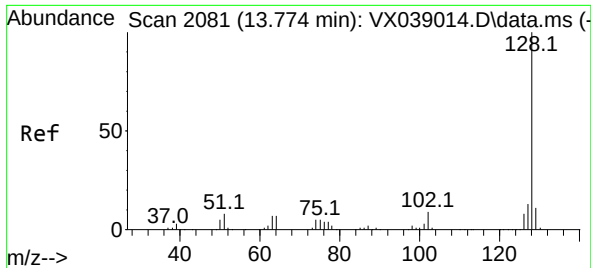
11/27/2023



#90
 Hexachlorobutadiene
 Concen: 5.039 ug/l
 RT: 13.719 min Scan# 2072
 Delta R.T. -0.006 min
 Lab File: VX039013.D
 Acq: 24 Nov 2023 09:22

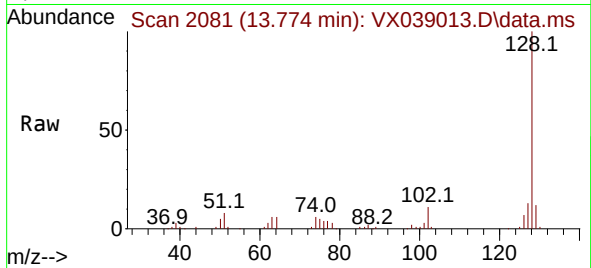
Tgt Ion:225 Resp: 4172
 Ion Ratio Lower Upper
 225 100
 223 63.9 0.0 124.4
 227 66.6 0.0 124.4





#91
Naphthalene
Concen: 4.816 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



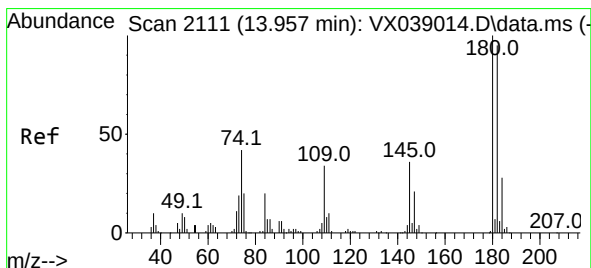
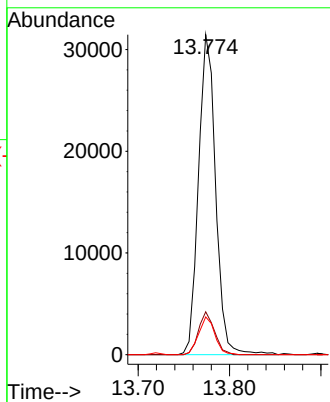
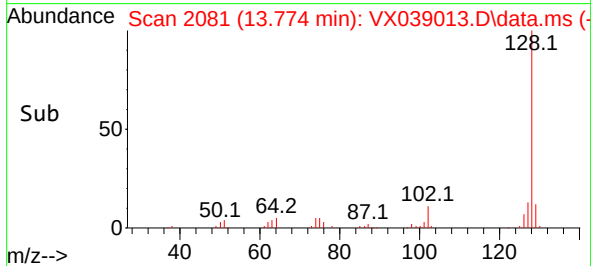
Tgt Ion:128 Resp: 4118
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 11.2 8.6 12.8

Manual Integrations
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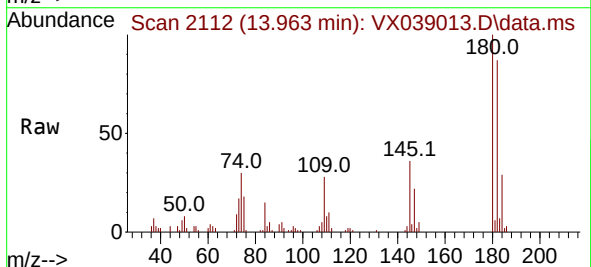
Reviewed By :John
Carlone

11/27/2023
Supervised By :Mahesh
Dadoda

11/27/2023



#92
1,2,3-Trichlorobenzene
Concen: 5.058 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22



Tgt Ion:180 Resp: 11361
Ion Ratio Lower Upper
180 100
182 92.0 0.0 191.6
145 38.3 0.0 69.6

