

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112423\
 Data File : VX039019.D
 Acq On : 24 Nov 2023 12:52
 Operator : JC/MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC010

Quant Time: Nov 27 03:09:38 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

Manual Integrations APPROVED

Reviewed By :John
 Carlone

11/27/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Bromochloromethane	4.891	128	13774	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	116132	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	139691	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	60364	32.034	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 106.767%	
60) 4-Bromofluorobenzene	11.079	95	89753	29.417	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 98.067%	
63) Toluene-d8	8.647	98	168575	30.523	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.733%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	25044	12.148	ug/l	98
3) Chloromethane	1.294	50	28381	12.023	ug/l	96
4) Vinyl Chloride	1.374	62	29608	12.424	ug/l	97
5) Bromomethane	1.611	94	19542	13.407	ug/l	100
6) Chloroethane	1.691	64	17276	12.062	ug/l	95
7) Trichlorofluoromethane	1.886	101	40376	12.275	ug/l	96
8) Diethyl Ether	2.130	74	15428	12.219	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	22881	12.310	ug/l	99
10) 1,1-Dichloroethene	2.319	96	22625	12.076	ug/l	99
11) Methyl Iodide	2.453	142	26307	12.814	ug/l	95
12) Methyl Acetate	2.697	43	67218	11.503	ug/l	100
13) Acrolein	2.233	56	27986	54.670	ug/l	98
14) Acrylonitrile	3.056	53	85301	59.685	ug/l	99
15) Acetone	2.373	58	31934	61.470	ug/l	99
16) Carbon Disulfide	2.514	76	69553	12.257	ug/l	98
17) Allyl chloride	2.666	41	45072	12.118	ug/l	99
18) Methylene Chloride	2.788	84	27367	12.323	ug/l	98
19) trans-1,2-Dichloroethene	3.087	96	25600	12.081	ug/l	93
20) Diisopropyl ether	3.751	45	84578	11.949	ug/l	98
21) 1,1-Dichloroethane	3.605	63	45697	11.612	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	28883	11.761	ug/l	98
23) tert-Butyl Alcohol	2.940	59	46449	58.705	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	82255	11.918	ug/l	98
25) Chloroform	5.086	83	46465	11.764	ug/l	98
26) Cyclohexane	5.464	56	42974	12.065	ug/l #	98
29) 1,1-Dichloropropene	5.690	75	35907	11.030	ug/l	99
30) 2-Butanone	4.544	43	136470	55.678	ug/l	100
31) 2,2-Dichloropropane	4.471	77	41843	11.241	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	41282	10.971	ug/l	100
33) Carbon Tetrachloride	5.672	117	34650	10.932	ug/l	99
34) Benzene	6.031	78	103206	10.883	ug/l	97
35) Methacrylonitrile	4.910	41	23825	10.973	ug/l	97
36) 1,2-Dichloroethane	6.080	62	38590	11.090	ug/l	99
37) Trichloroethene	7.123	130	25964	10.787	ug/l	99
38) Methylcyclohexane	7.372	83	44148	10.884	ug/l	98
39) 1,2-Dichloropropane	7.421	63	27690	11.071	ug/l	97
40) Dibromomethane	7.574	93	19393	10.974	ug/l	98
41) Bromodichloromethane	7.818	83	36961	10.887	ug/l #	99
42) Vinyl Acetate	3.715	43	328914	56.341	ug/l	99

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 Carlone

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	47417	11.245	ug/l	99
44) Isopropyl Acetate	6.330	43	72951	10.974	ug/l	98
45) 1,4-Dioxane	7.653	88	15114	222.718	ug/l	95
46) Methyl methacrylate	7.690	41	41258	10.855	ug/l	98
47) n-amyl Acetate	10.841	43	58271	10.357	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	42326	10.752	ug/l	97
49) cis-1,3-Dichloropropene	8.360	75	43622	10.742	ug/l	95
50) 1,1,2-Trichloroethane	9.147	97	26604	11.082	ug/l	96
51) Ethyl methacrylate	9.116	69	32918	10.955	ug/l	89
52) 1,3-Dichloropropane	9.305	76	44497	10.810	ug/l	99
53) Dibromochloromethane	9.518	129	27416	10.634	ug/l	100
54) 1,2-Dibromoethane	9.604	107	28085	10.668	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	91820	48.235	ug/l	99
56) Bromoform	10.799	173	18593	9.993	ug/l	98
58) 4-Methyl-2-Pentanone	8.567	43	242075	57.146	ug/l	100
59) 2-Hexanone	9.427	43	198787	57.169	ug/l	99
61) Tetrachloroethene	9.268	164	20832	11.470	ug/l	89
62) Toluene	8.714	91	113575	11.452	ug/l	100
64) Chlorobenzene	10.079	112	67303	11.156	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.159	131	24282	11.176	ug/l	99
66) Ethyl Benzene	10.189	91	127816	11.318	ug/l	100
67) m/p-Xylenes	10.299	106	93791	22.476	ug/l	97
68) o-Xylene	10.640	106	45423	11.237	ug/l	100
69) Styrene	10.652	104	64919	10.852	ug/l	99
70) Isopropylbenzene	10.957	105	120813	11.171	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	44489	11.019	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	39204m	8.450	ug/l	
73) Bromobenzene	11.195	156	28006	11.374	ug/l	95
74) n-propylbenzene	11.305	91	148372	11.197	ug/l	99
75) 2-Chlorotoluene	11.360	91	87913	11.308	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	103669	11.126	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	14473	10.691	ug/l	96
78) 4-Chlorotoluene	11.451	91	102377	11.201	ug/l	100
79) tert-butylbenzene	11.713	119	98661	11.136	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	104850	11.244	ug/l	98
81) sec-Butylbenzene	11.890	105	124231	11.092	ug/l	99
82) p-Isopropyltoluene	12.006	119	103948	10.951	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	52077	11.051	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	53933	11.154	ug/l	100
85) n-Butylbenzene	12.329	91	101998	10.882	ug/l	98
86) Hexachloroethane	12.536	117	18568	10.324	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	50246	11.089	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	11444	11.083	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	34024	11.325	ug/l	97
90) Hexachlorobutadiene	13.725	225	12006	11.192	ug/l	100
91) Naphthalene	13.774	128	119882	10.820	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	32036	11.009	ug/l	97

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

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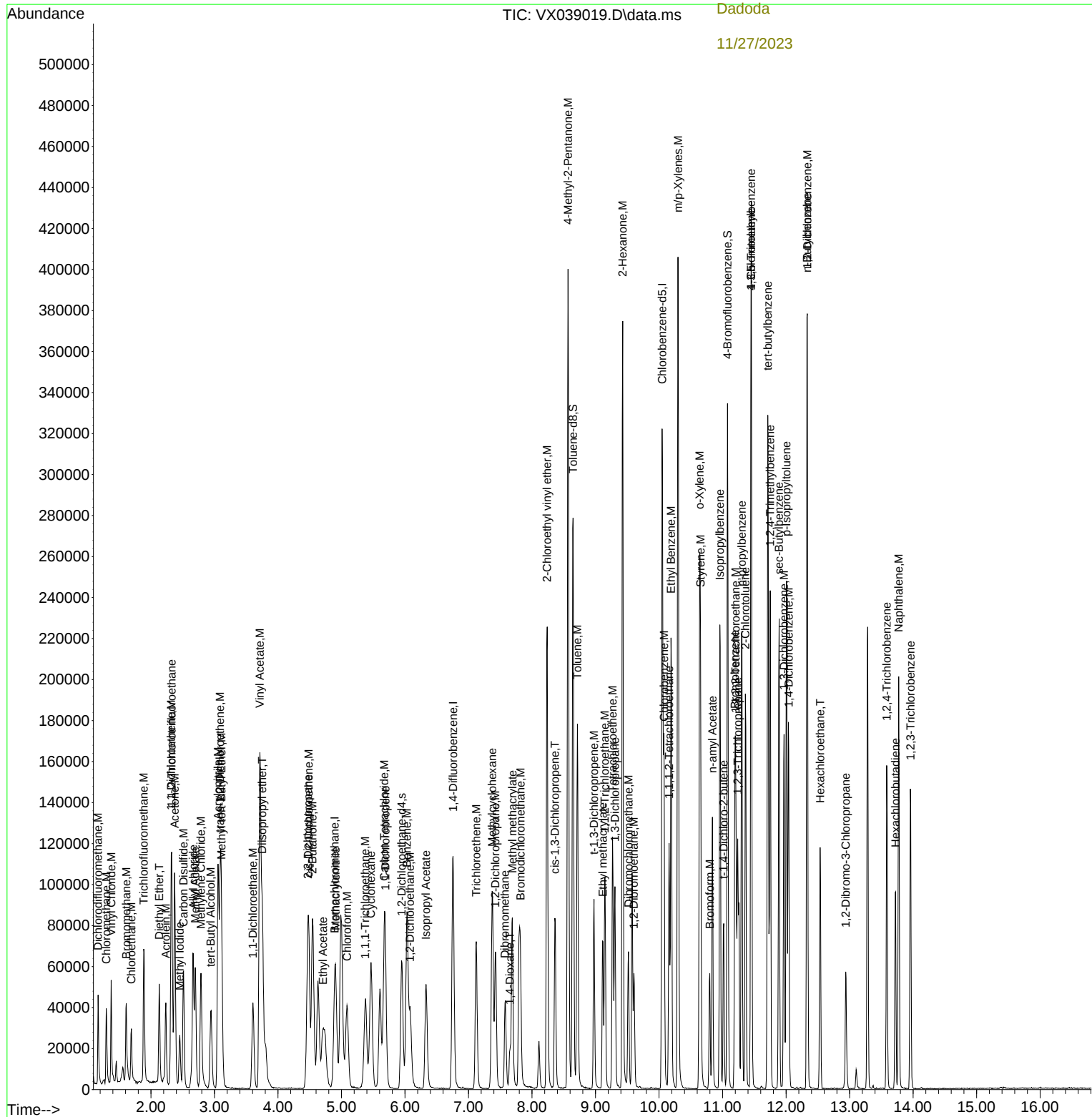
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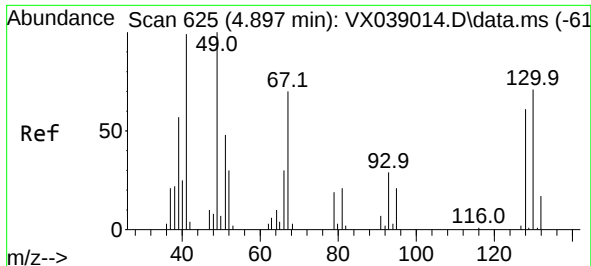
Manual Integrations APPROVED

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 Carlone

11/27/2023
 Supervised By :Mahesh
 Dadoda

11/27/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010

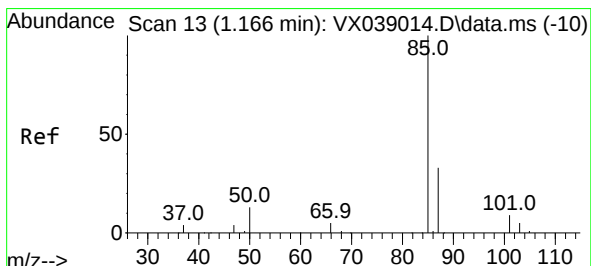
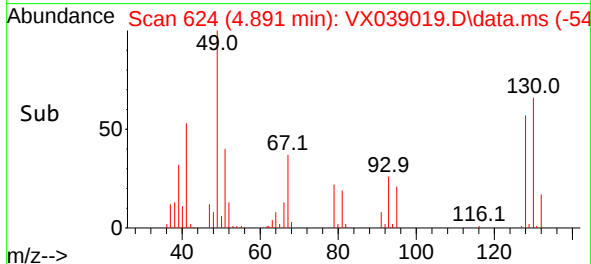
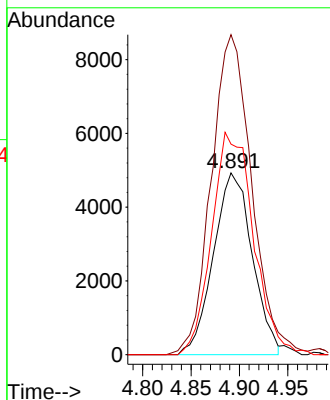
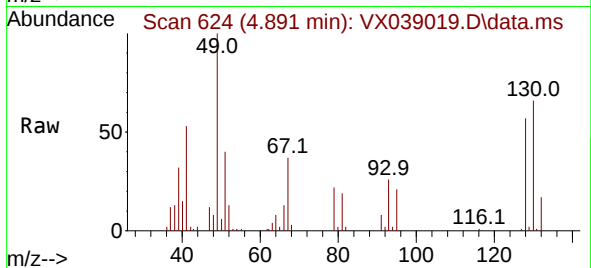
Tgt Ion:128 Resp: 13774
Ion Ratio Lower Upper
128 100
49 183.2 0.0 444.0
130 82.2 0.0 297.8

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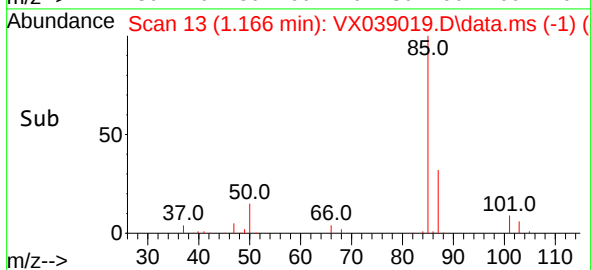
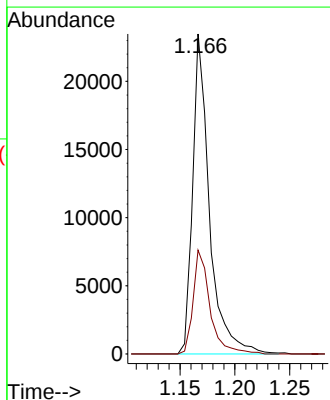
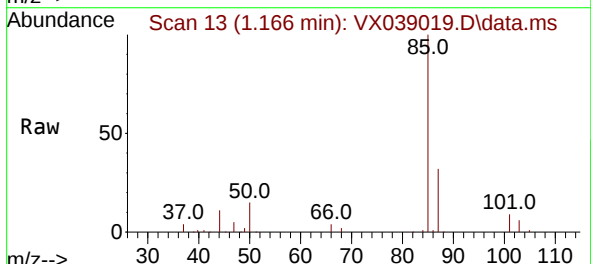
11/27/2023
Supervised By :Mahesh
Dadoda

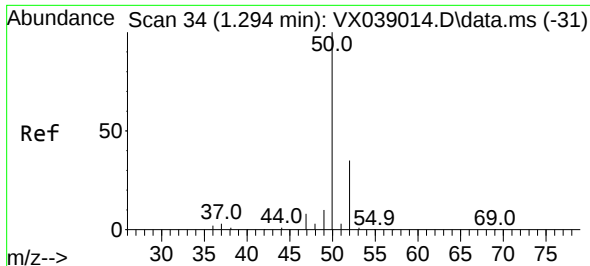
11/27/2023



#2
Dichlorodifluoromethane
Concen: 12.148 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

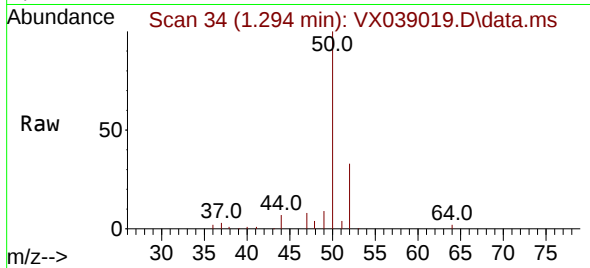
Tgt Ion: 85 Resp: 25044
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.1





#3
Chloromethane
Concen: 12.023 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010



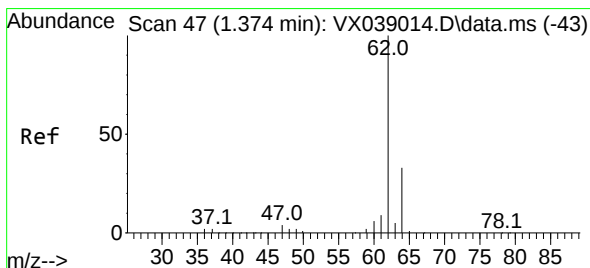
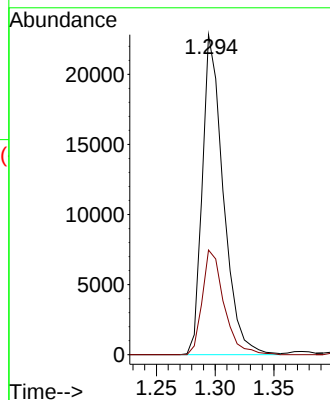
Tgt Ion: 50 Resp: 2838
Ion Ratio Lower Upper
50 100
52 32.7 27.8 41.8

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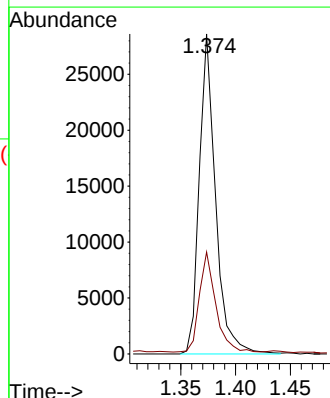
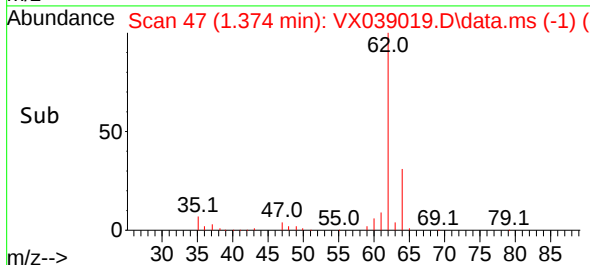
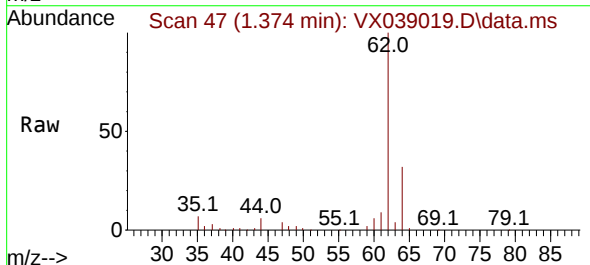
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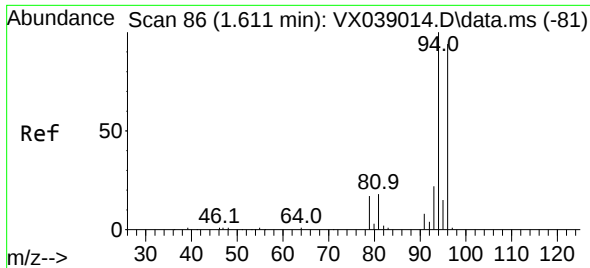
11/27/2023



#4
Vinyl Chloride
Concen: 12.424 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

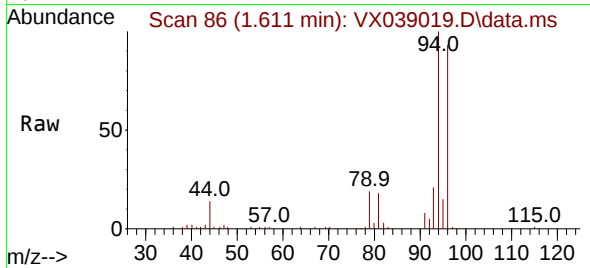
Tgt Ion: 62 Resp: 29608
Ion Ratio Lower Upper
62 100
64 31.1 26.3 39.5





#5
Bromomethane
Concen: 13.407 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010



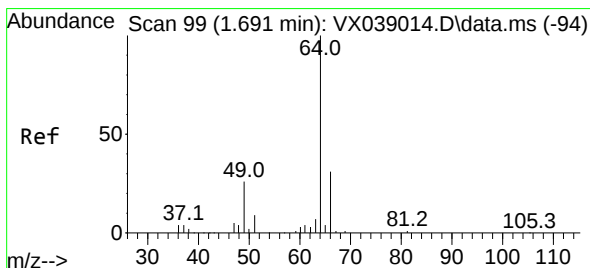
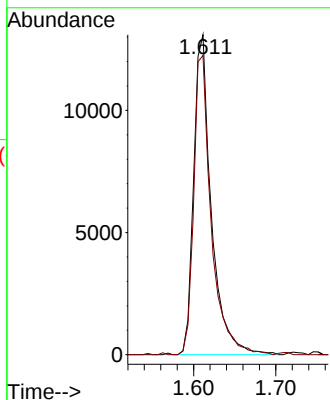
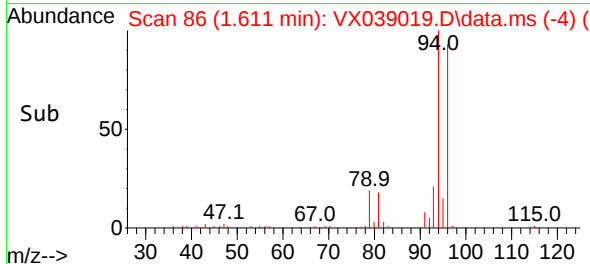
Tgt Ion: 94 Resp: 1954
Ion Ratio Lower Upper
94 100
96 93.5 74.9 112.3

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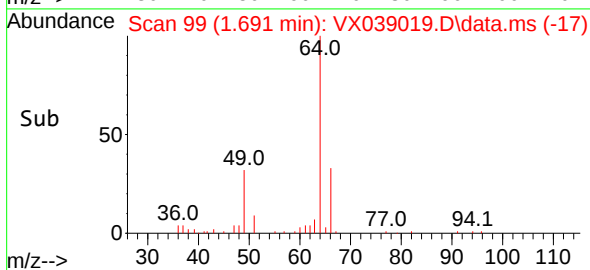
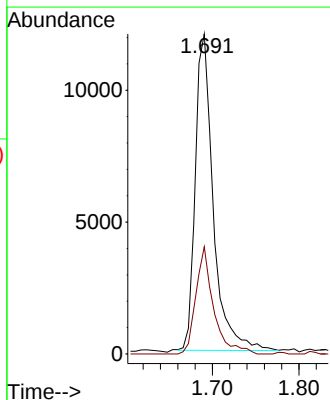
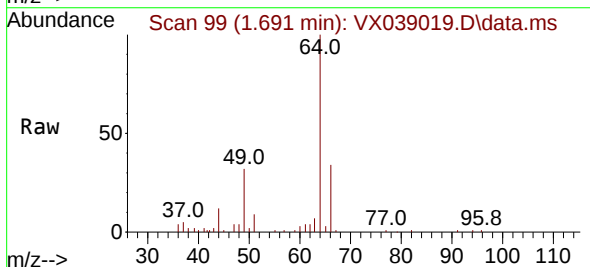
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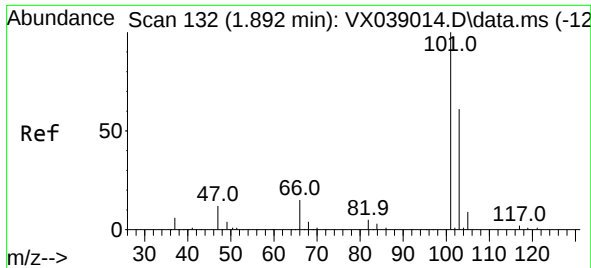
11/27/2023



#6
Chloroethane
Concen: 12.062 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Tgt Ion: 64 Resp: 17276
Ion Ratio Lower Upper
64 100
66 33.9 25.0 37.6





#7
Trichlorofluoromethane
Concen: 12.275 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039019.D
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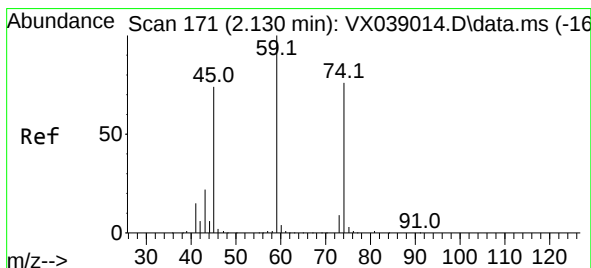
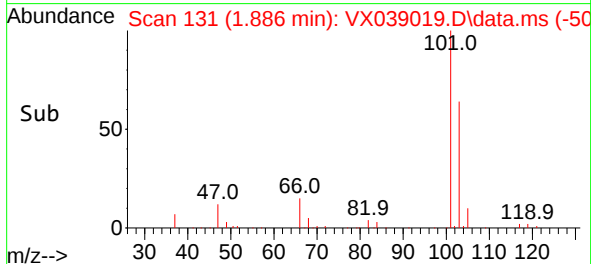
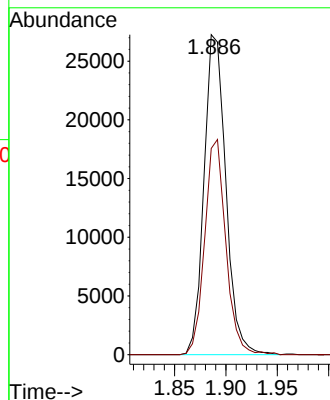
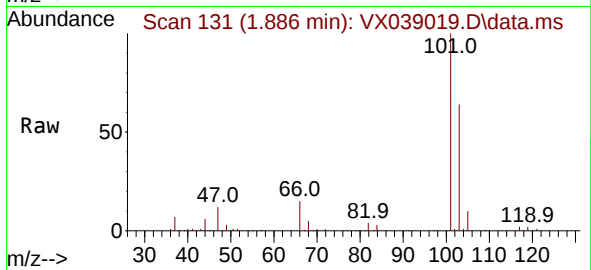
Tgt Ion:101 Resp: 40370
Ion Ratio Lower Upper
101 100
103 64.5 49.1 73.7

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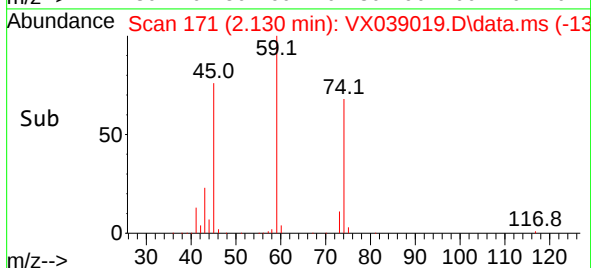
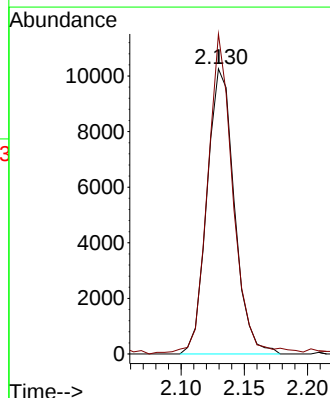
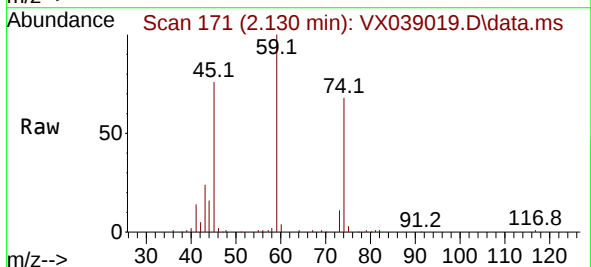
11/27/2023
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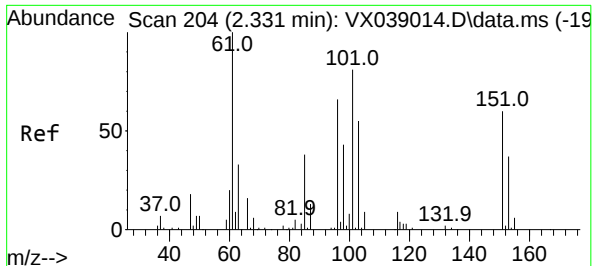
11/27/2023



#8
Diethyl Ether
Concen: 12.219 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Tgt Ion: 74 Resp: 15428
Ion Ratio Lower Upper
74 100
45 103.0 20.5 184.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 12.310 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX039019.D
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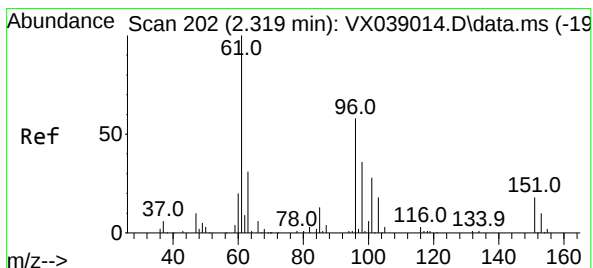
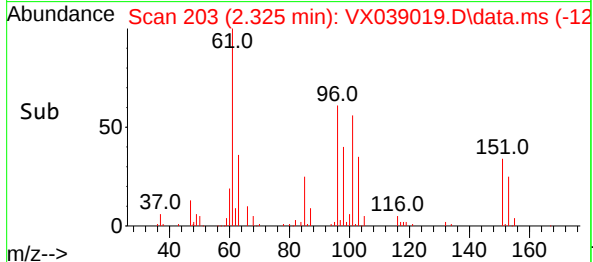
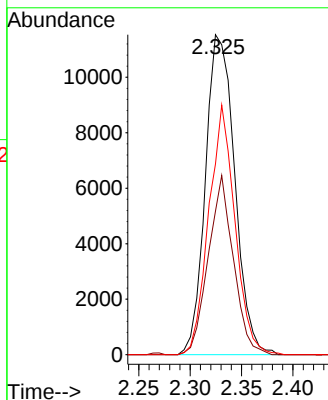
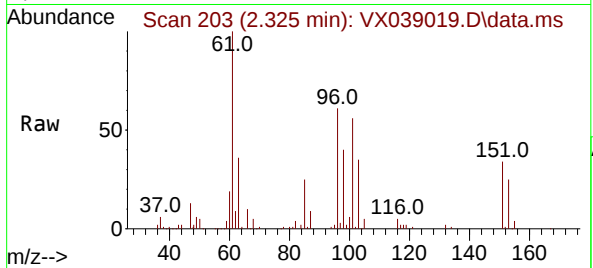
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Ion Ratio Lower Upper
101 100
85 48.0 0.0 95.2
151 69.7 0.0 136.8

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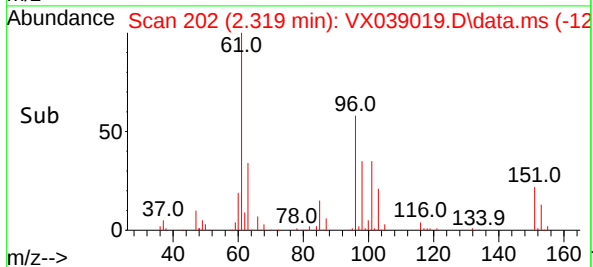
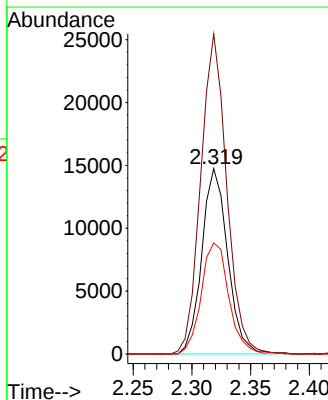
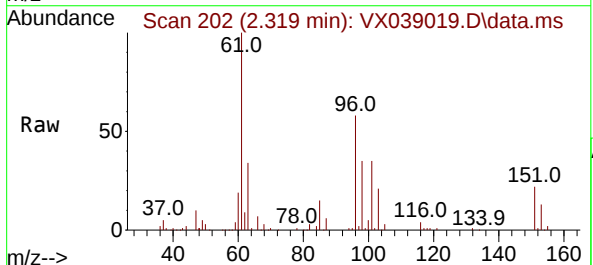
11/27/2023
Supervised By :Mahesh
Dadoda

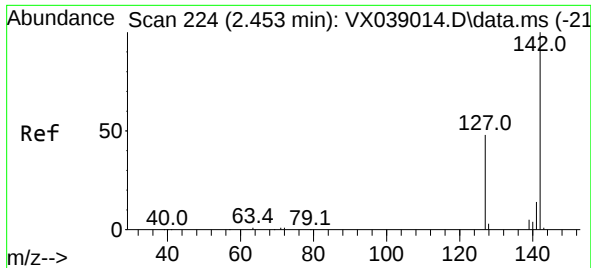
11/27/2023



#10
1,1-Dichloroethene
Concen: 12.076 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

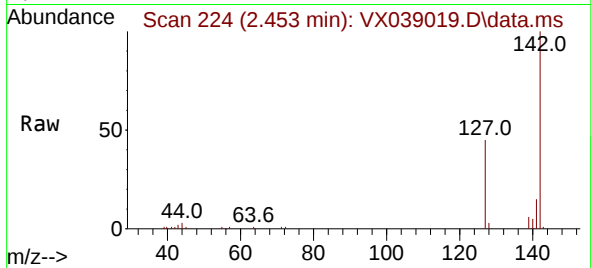
Tgt Ion: 96 Resp: 22625
Ion Ratio Lower Upper
96 100
61 172.1 138.3 207.5
98 60.0 49.8 74.6





#11
Methyl Iodide
Concen: 12.814 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010



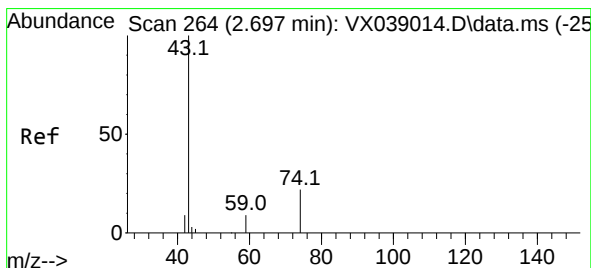
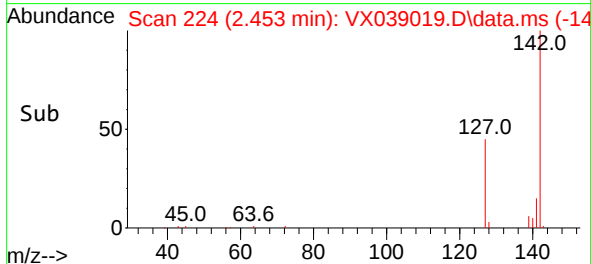
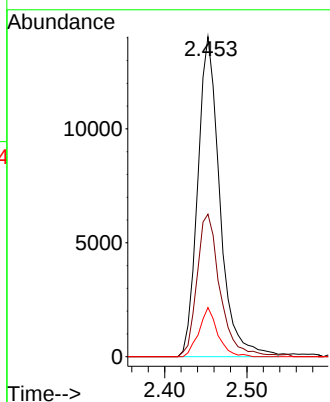
Tgt Ion:142 Resp: 26307
Ion Ratio Lower Upper
142 100
127 44.5 23.8 71.4
141 15.4 6.9 20.6

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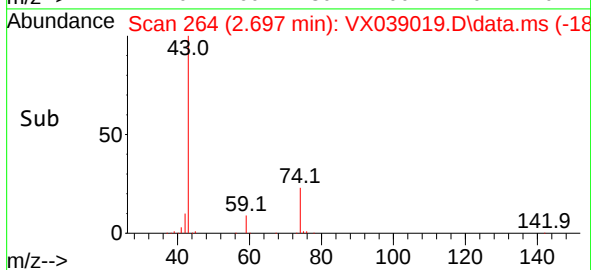
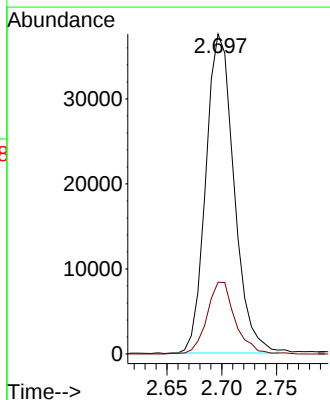
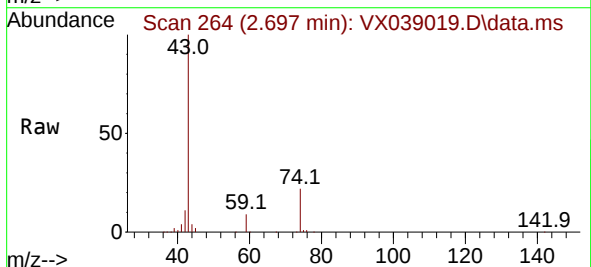
11/27/2023
Supervised By :Mahesh
Dadoda

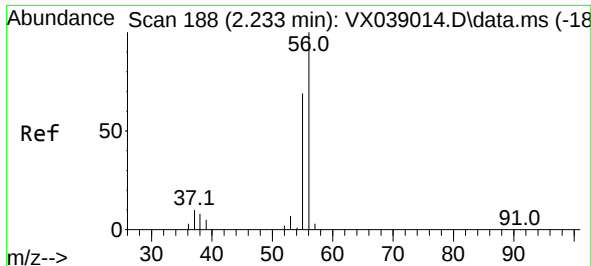
11/27/2023



#12
Methyl Acetate
Concen: 11.503 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

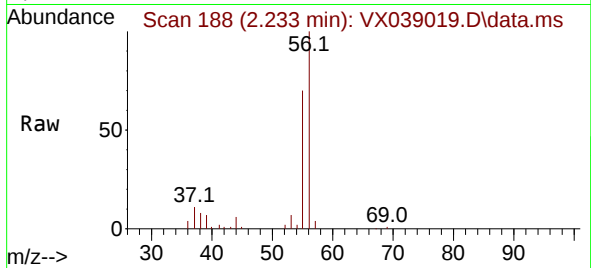
Tgt Ion: 43 Resp: 67218
Ion Ratio Lower Upper
43 100
74 22.3 17.8 26.6





#13
Acrolein
Concen: 54.670 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010



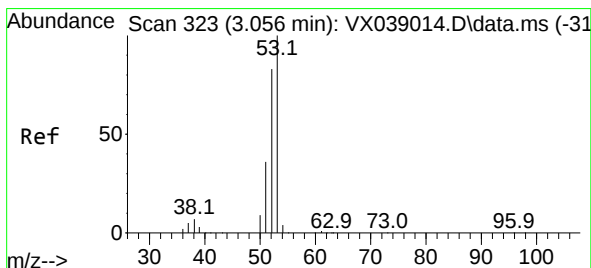
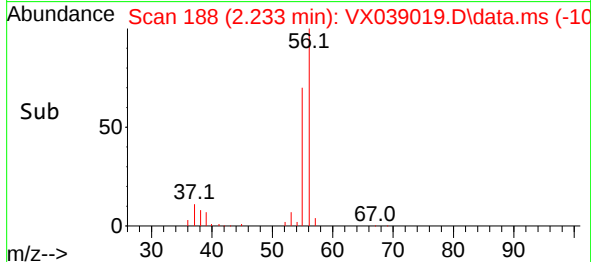
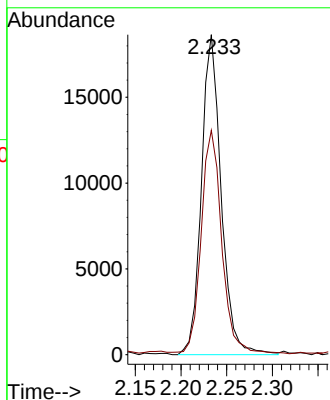
Tgt Ion: 56 Resp: 27980
Ion Ratio Lower Upper
56 100
55 72.9 57.2 85.8

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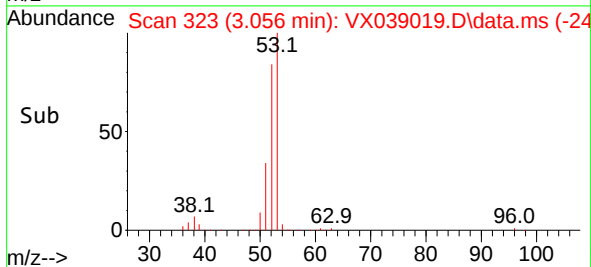
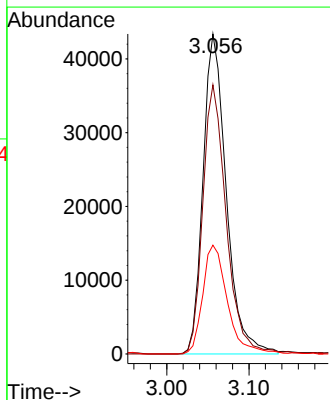
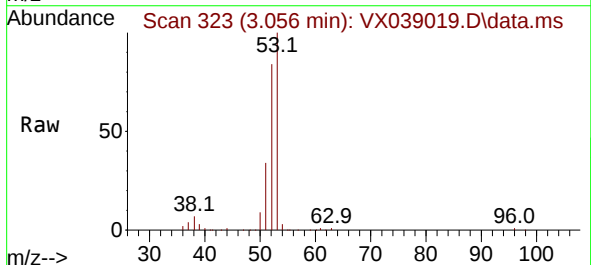
11/27/2023
Supervised By :Mahesh
Dadoda

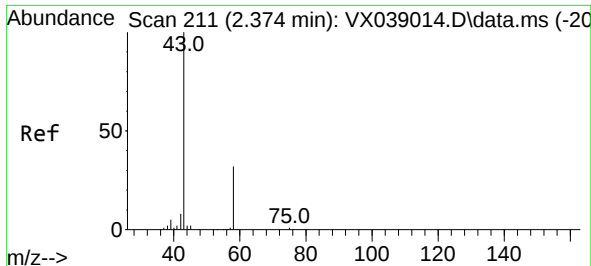
11/27/2023



#14
Acrylonitrile
Concen: 59.685 ug/l
RT: 3.056 min Scan# 323
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Tgt Ion: 53 Resp: 85301
Ion Ratio Lower Upper
53 100
52 84.5 41.9 125.6
51 36.1 18.3 54.9





#15
Acetone
Concen: 61.470 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010

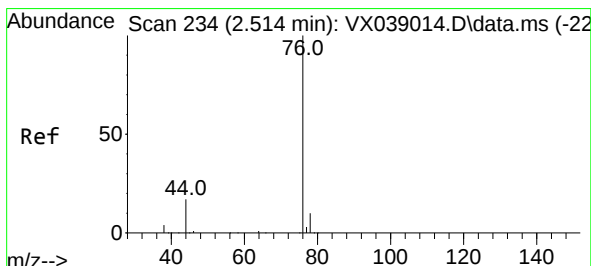
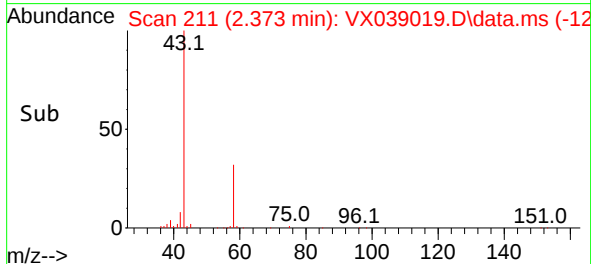
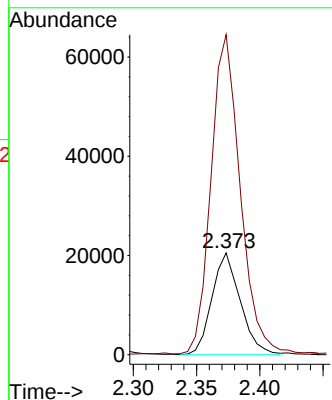
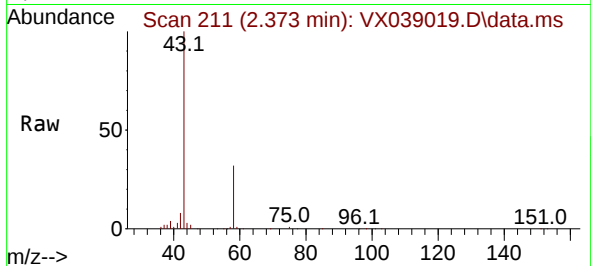
Tgt Ion: 58 Resp: 31934
Ion Ratio Lower Upper
58 100
43 313.6 249.9 374.9

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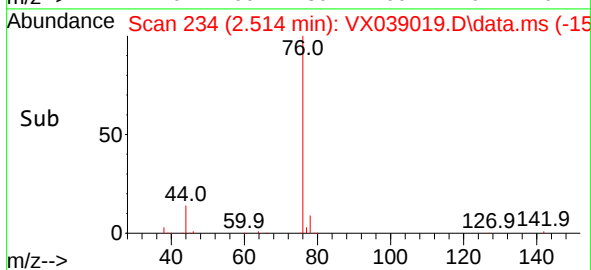
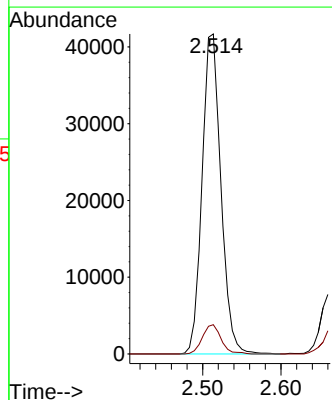
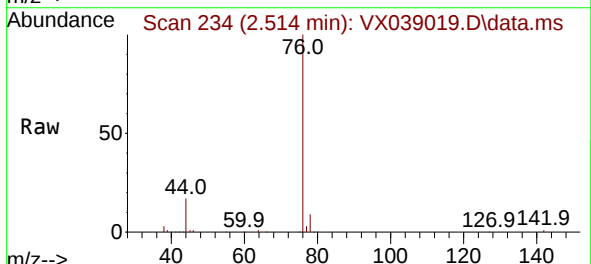
11/27/2023
Supervised By :Mahesh
Dadoda

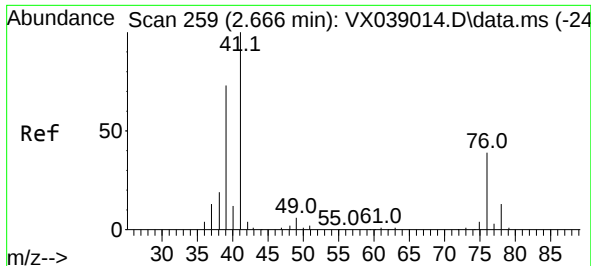
11/27/2023



#16
Carbon Disulfide
Concen: 12.257 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Tgt Ion: 76 Resp: 69553
Ion Ratio Lower Upper
76 100
78 9.1 8.0 12.0





#17
 Allyl chloride
 Concen: 12.118 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. -0.000 min
 Lab File: VX039019.D
 Acq: 24 Nov 2023 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

Tgt Ion: 41 Resp: 45072
 Ion Ratio Lower Upper
 41 100
 39 73.6 36.5 109.5
 76 38.9 19.7 59.0

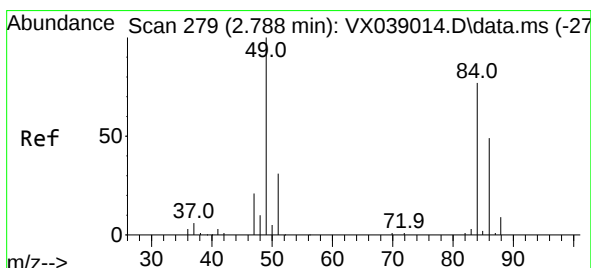
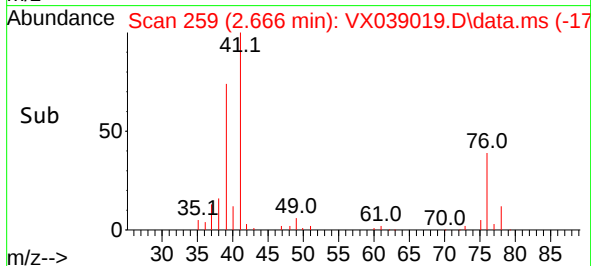
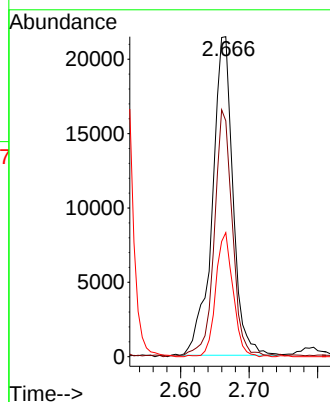
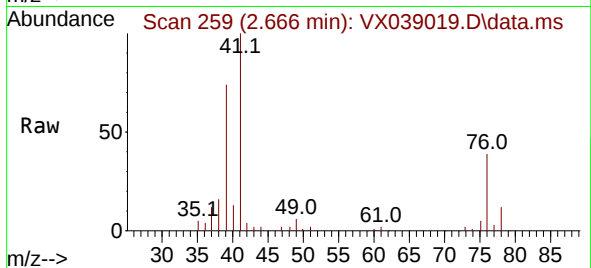
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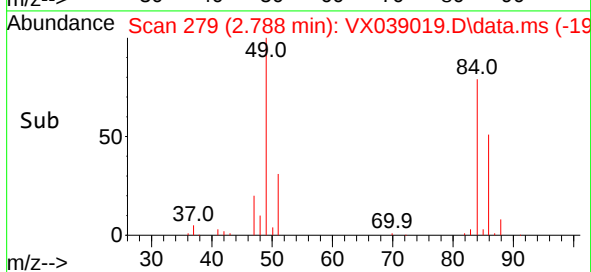
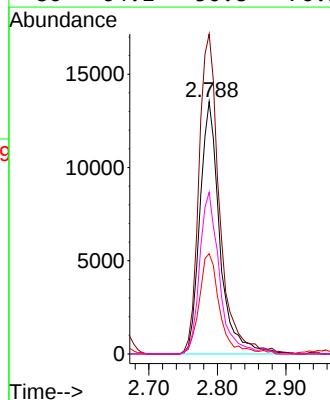
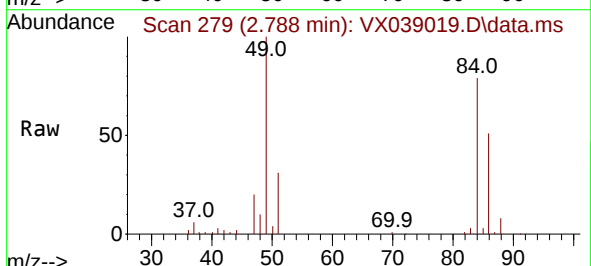
Supervised By :Mahesh
 Dadoda

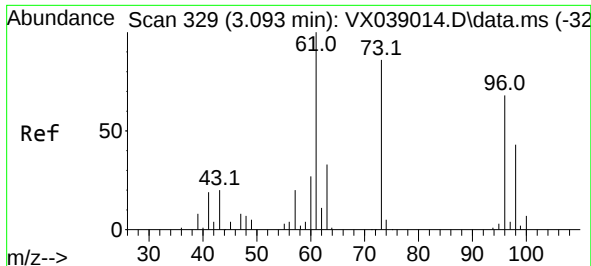
11/27/2023



#18
 Methylene Chloride
 Concen: 12.323 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX039019.D
 Acq: 24 Nov 2023 12:52

Tgt Ion: 84 Resp: 27367
 Ion Ratio Lower Upper
 84 100
 49 126.9 103.8 155.8
 51 39.8 31.8 47.6
 86 64.1 50.8 76.2





#19
trans-1,2-Dichloroethene
Concen: 12.081 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

Tgt Ion: 96 Resp: 25600
Ion Ratio Lower Upper
96 100
61 137.8 117.9 176.9
98 60.6 51.0 76.6

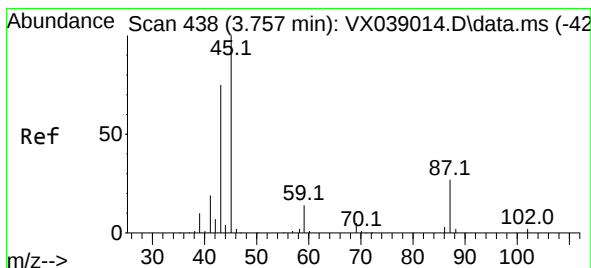
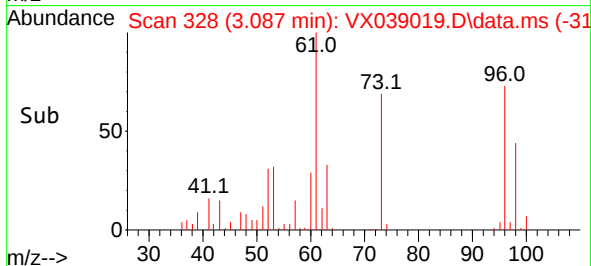
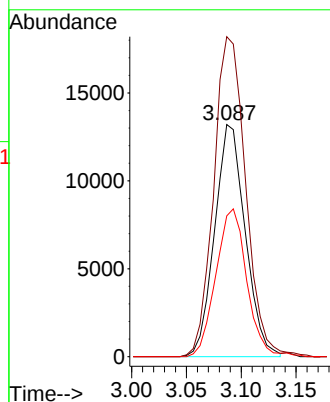
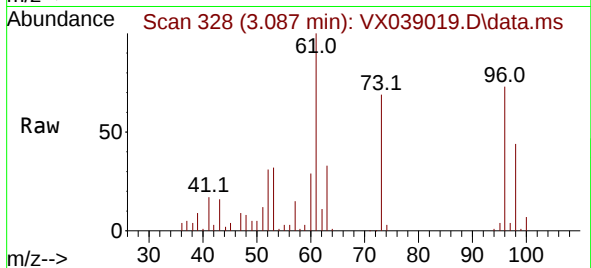
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Carlone

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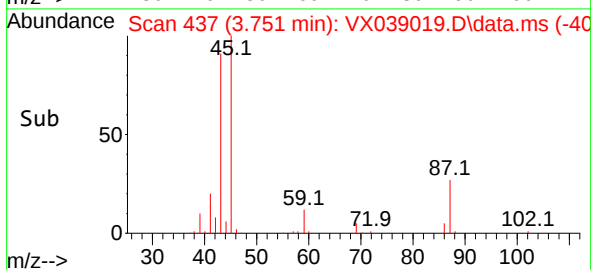
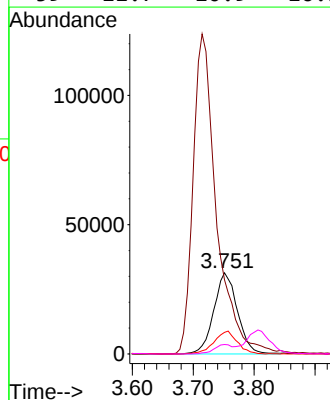
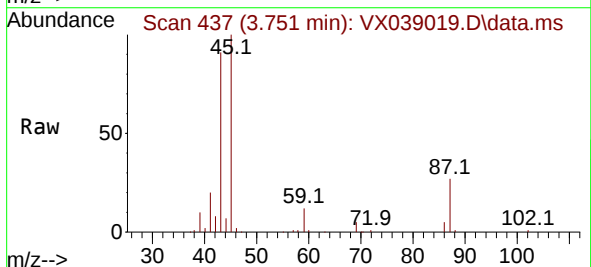
Supervised By :Mahesh
Dadoda

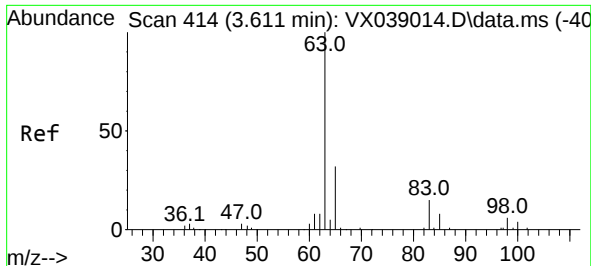
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#20
Diisopropyl ether
Concen: 11.949 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Tgt Ion: 45 Resp: 84578
Ion Ratio Lower Upper
45 100
43 87.0 67.7 101.5
87 26.6 21.5 32.3
59 11.7 10.9 16.3





#21

1,1-Dichloroethane

Concen: 11.612 ug/l

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX039019.D

Acq: 24 Nov 2023 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

Tgt Ion: 63	Resp: 4569
Ion Ratio	Lower Upper
63 100	
98 6.6	2.9 8.8
100 4.0	2.0 5.8

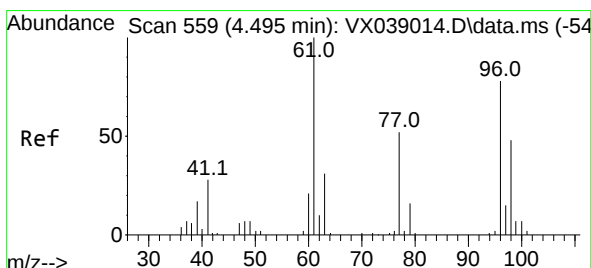
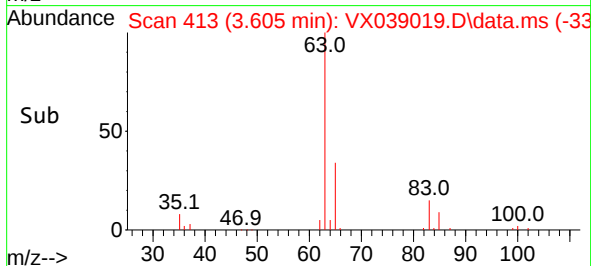
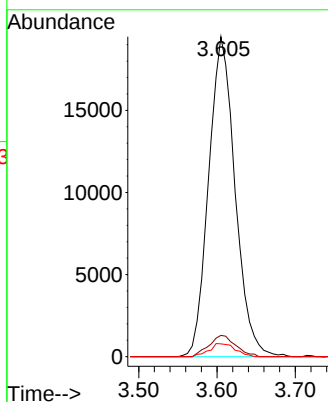
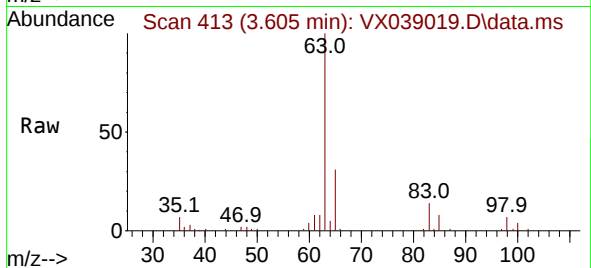
Manual Integrations
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Reviewed By :John
Carlone

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Supervised By :Mahesh
Dadoda

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#22

cis-1,2-Dichloroethene

Concen: 11.761 ug/l

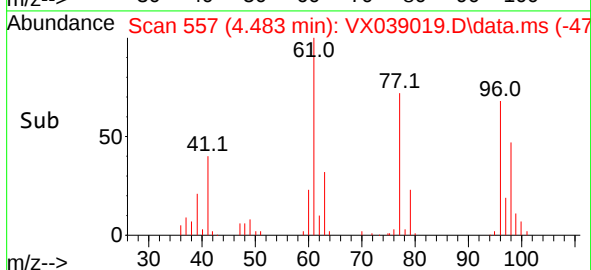
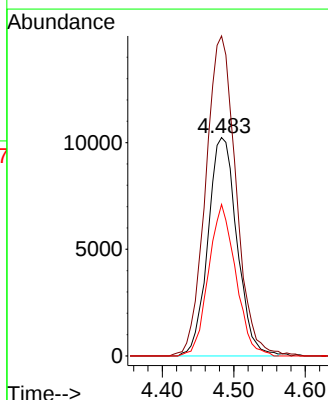
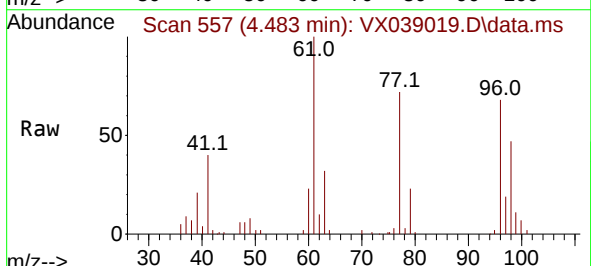
RT: 4.483 min Scan# 557

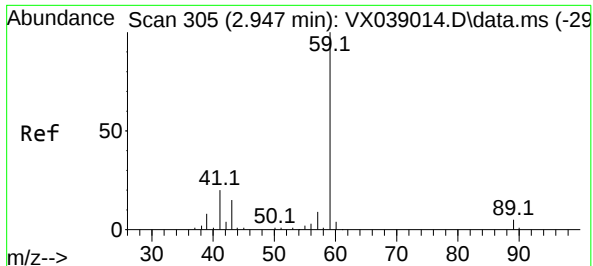
Delta R.T. -0.012 min

Lab File: VX039019.D

Acq: 24 Nov 2023 12:52

Tgt Ion: 96	Resp: 28883
Ion Ratio	Lower Upper
96 100	
61 152.5	119.8 179.6
98 65.0	50.9 76.3





#23
tert-Butyl Alcohol
Concen: 58.705 ug/l
RT: 2.940 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010

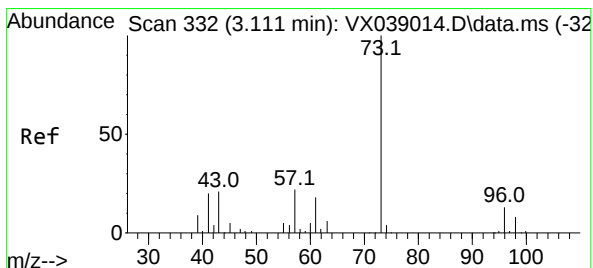
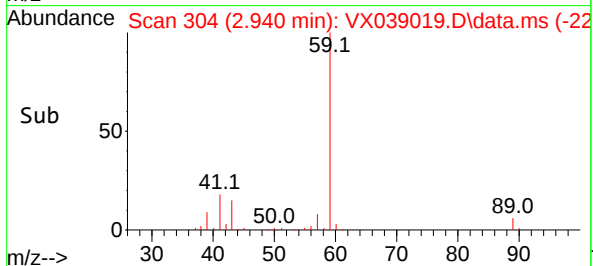
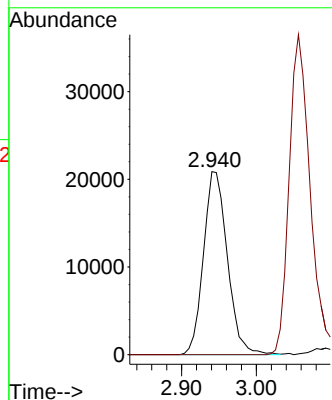
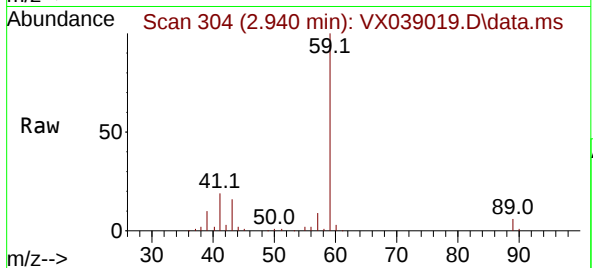
Tgt Ion: 59 Resp: 46449
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

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Reviewed By :John
Carlone

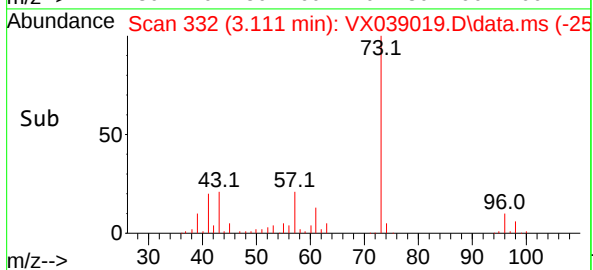
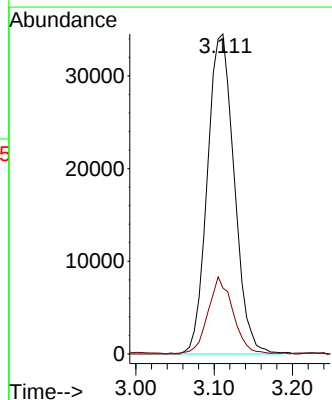
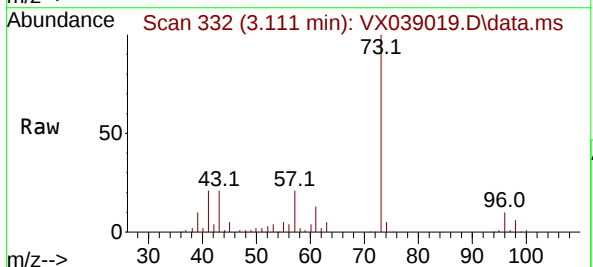
11/27/2023
Supervised By :Mahesh
Dadoda

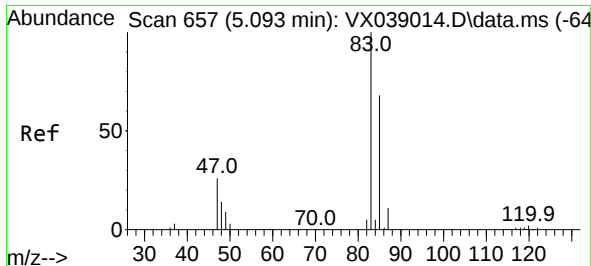
11/27/2023



#24
Methyl tert-Butyl Ether
Concen: 11.918 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Tgt Ion: 73 Resp: 82255
Ion Ratio Lower Upper
73 100
43 22.1 17.0 25.6





#25
Chloroform
Concen: 11.764 ug/l
RT: 5.086 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

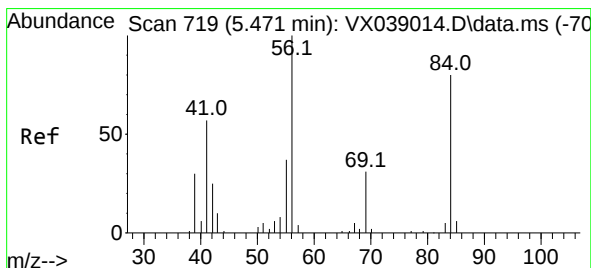
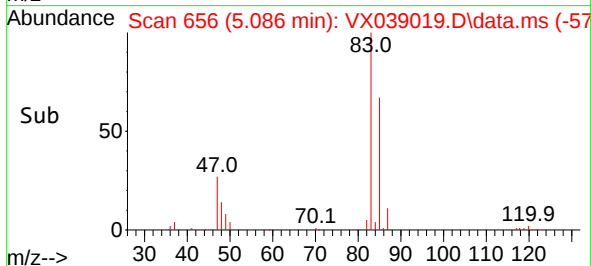
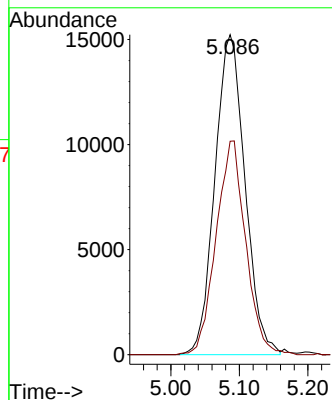
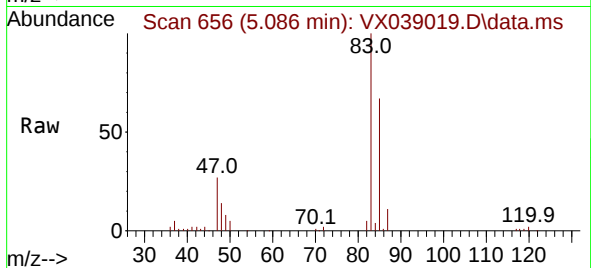
Tgt Ion: 83 Resp: 4646
Ion Ratio Lower Upper
83 100
85 66.4 54.6 81.8

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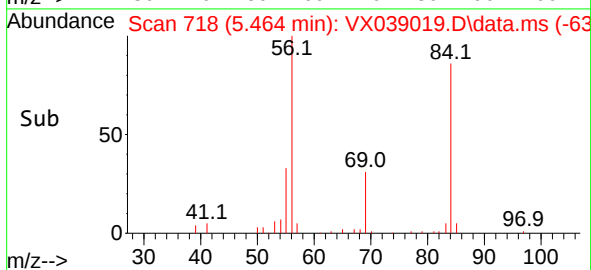
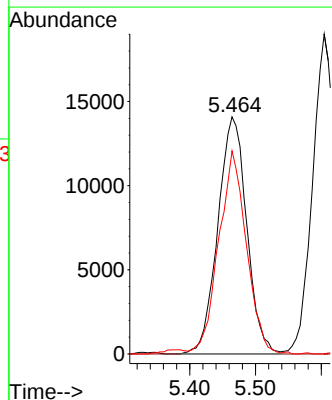
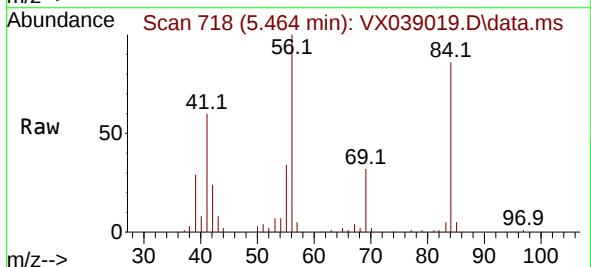
11/27/2023
Supervised By :Mahesh
Dadoda

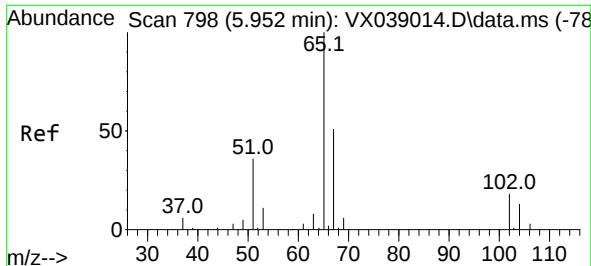
11/27/2023



#26
Cyclohexane
Concen: 12.065 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

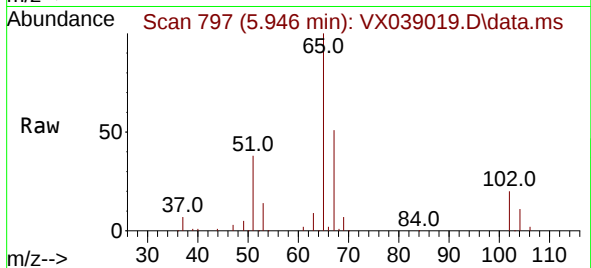
Tgt Ion: 56 Resp: 42974
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 82.1 67.2 100.8





#27
1,2-Dichloroethane-d4
Concen: 32.034 ug/l
RT: 5.946 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



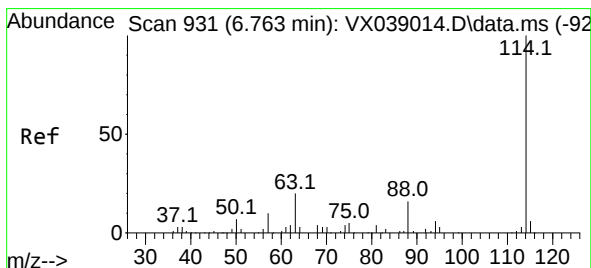
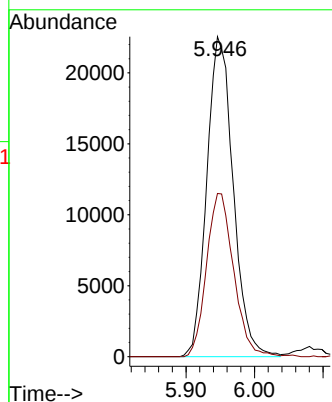
Tgt Ion: 65 Resp: 60364
Ion Ratio Lower Upper
65 100
67 52.3 42.5 63.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

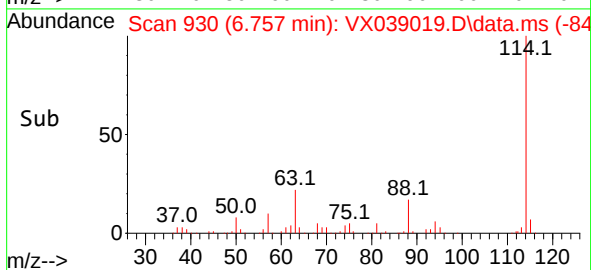
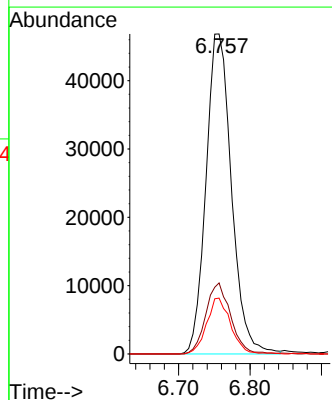
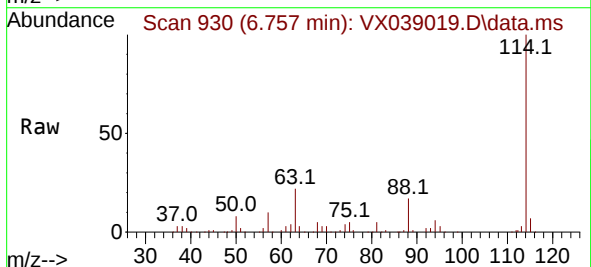
11/27/2023
Supervised By :Mahesh
Dadoda

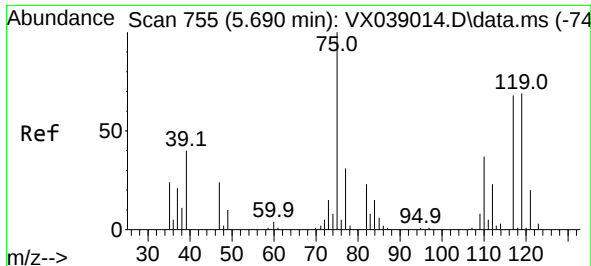
11/27/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Tgt Ion:114 Resp: 116132
Ion Ratio Lower Upper
114 100
63 21.4 17.0 25.4
88 16.2 12.7 19.1





#29
1,1-Dichloropropene
Concen: 11.030 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tgt Ion: 75 Resp: 3590
Ion Ratio Lower Upper
75 100
110 34.4 0.0 71.2
77 31.4 0.0 62.6

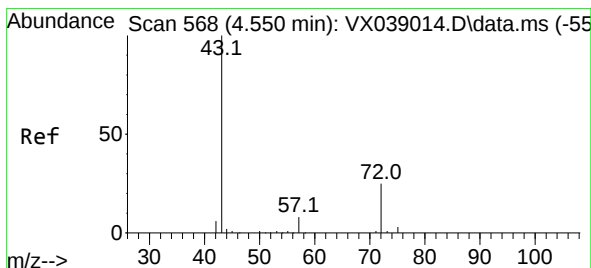
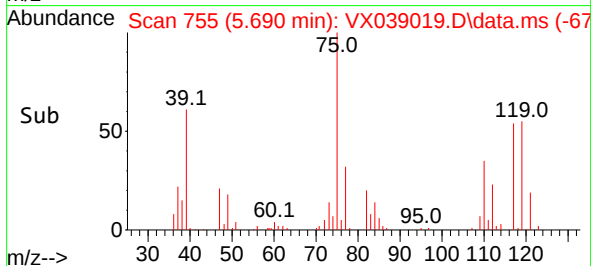
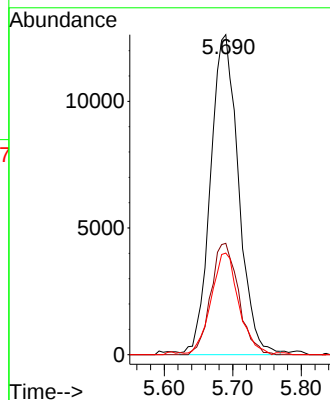
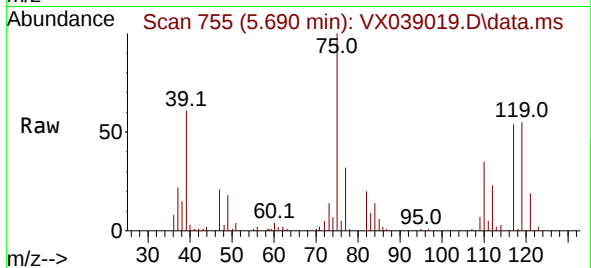
Manual Integrations
APPROVED

Reviewed By :John
Carlone

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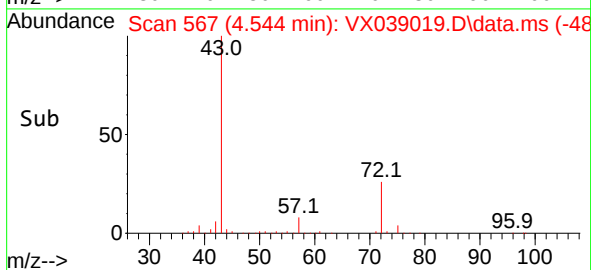
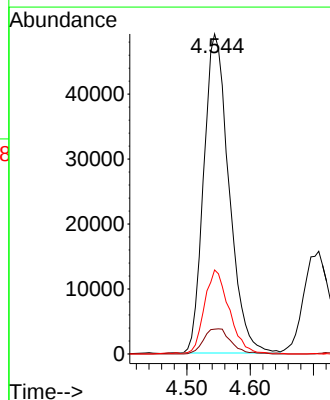
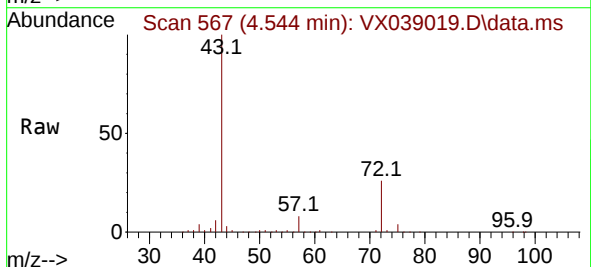
Supervised By :Mahesh
Dadoda

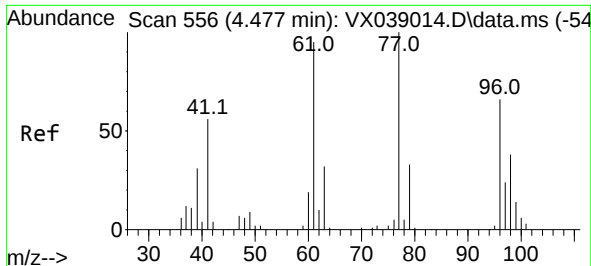
11/27/2023



#30
2-Butanone
Concen: 55.678 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.006 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Tgt Ion: 43 Resp: 136470
Ion Ratio Lower Upper
43 100
57 8.4 6.6 10.0
72 25.8 20.6 31.0





#31
2,2-Dichloropropane
Concen: 11.241 ug/l
RT: 4.471 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

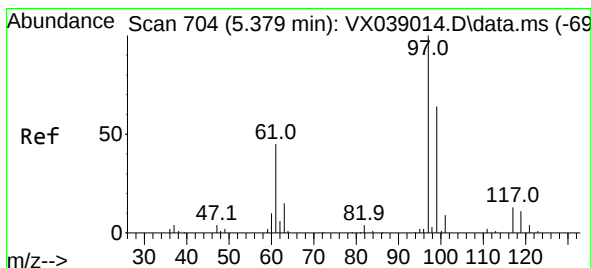
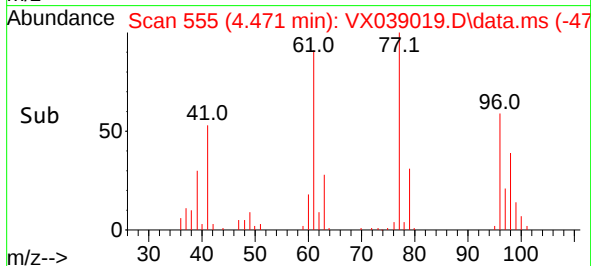
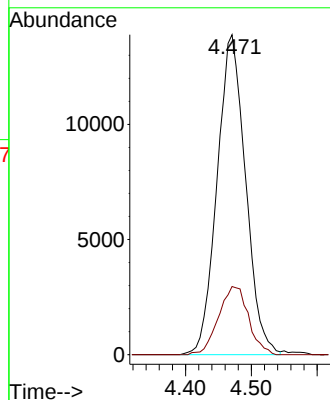
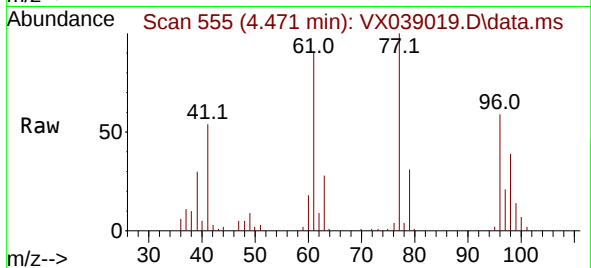
Tgt Ion: 77 Resp: 4184
Ion Ratio Lower Upper
77 100
97 22.2 18.2 27.4

Manual Integrations
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Reviewed By :John
Carlone

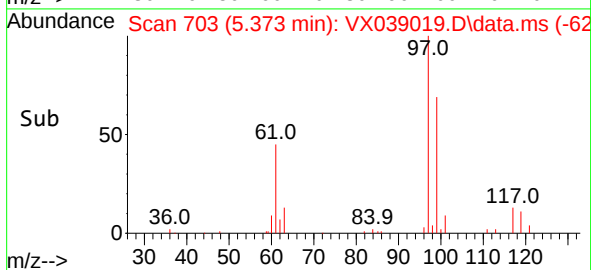
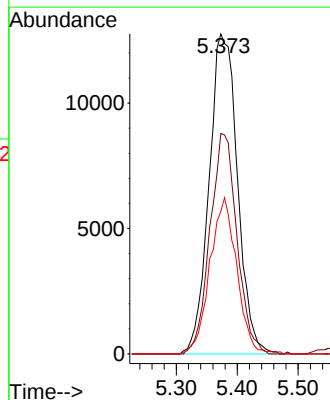
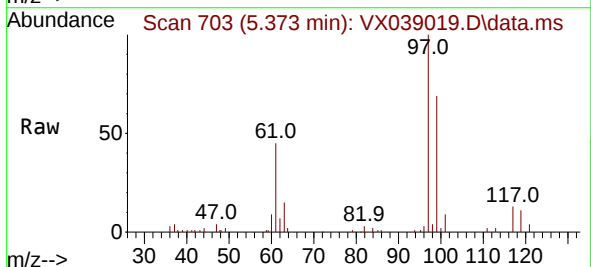
11/27/2023
Supervised By :Mahesh
Dadoda

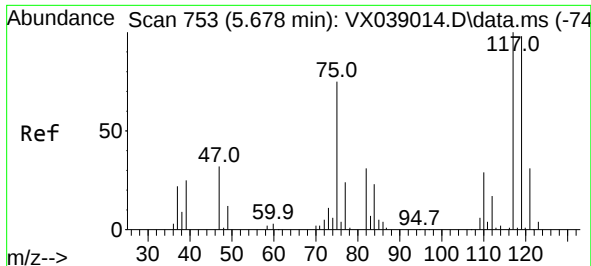
11/27/2023



#32
1,1,1-Trichloroethane
Concen: 10.971 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

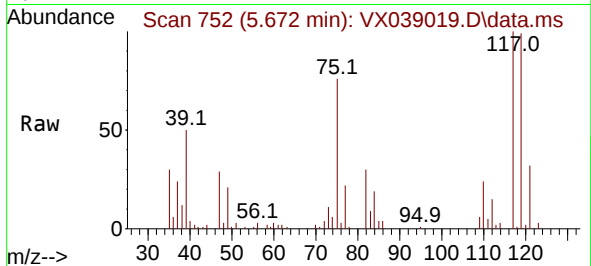
Tgt Ion: 97 Resp: 41282
Ion Ratio Lower Upper
97 100
99 65.4 52.6 79.0
61 46.2 36.9 55.3





#33
Carbon Tetrachloride
Concen: 10.932 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



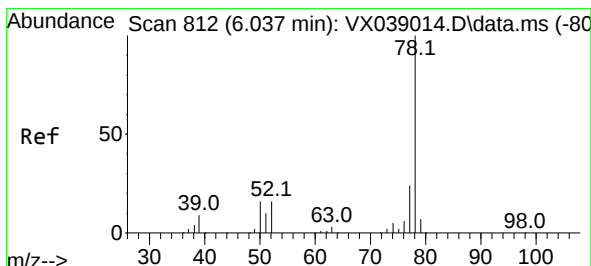
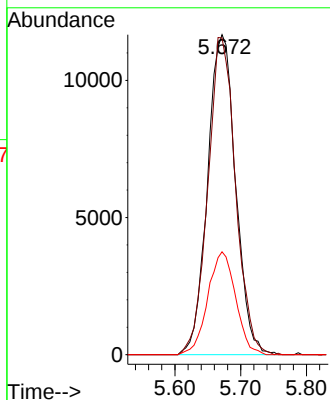
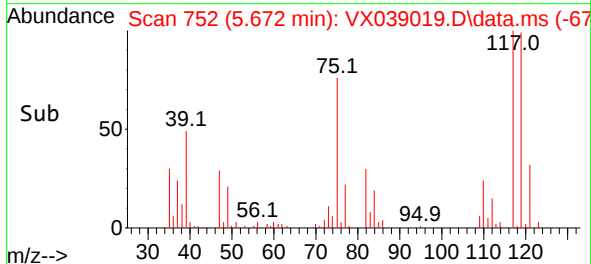
Tgt Ion: 117 Resp: 34650
Ion Ratio Lower Upper
117 100
119 99.0 78.2 117.4
121 32.2 24.7 37.1

Manual Integrations
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Reviewed By :John
Carlone

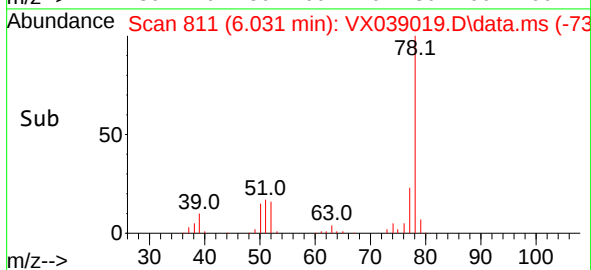
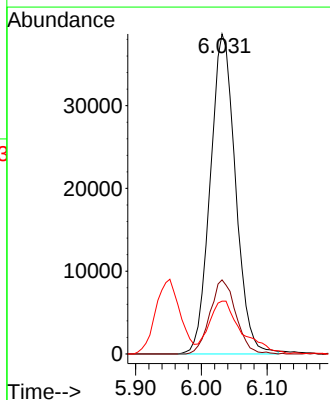
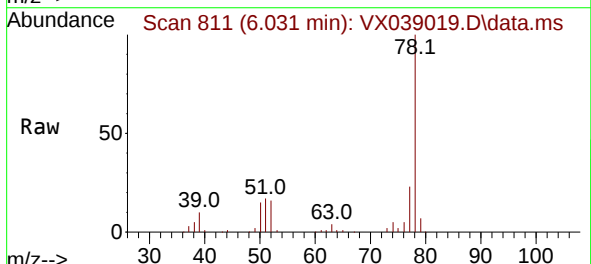
11/27/2023
Supervised By :Mahesh
Dadoda

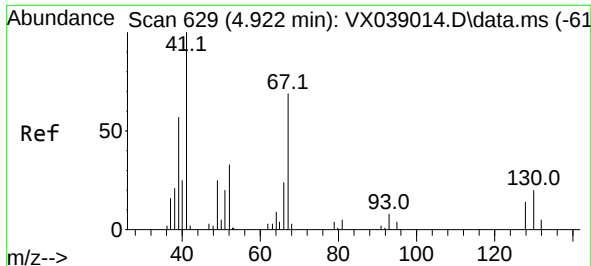
11/27/2023



#34
Benzene
Concen: 10.883 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Tgt Ion: 78 Resp: 103206
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9
51 15.5 14.4 21.6





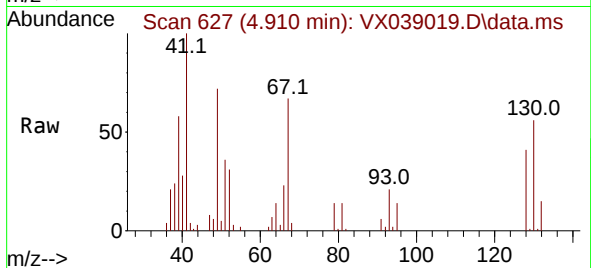
#35
Methacrylonitrile
Concen: 10.973 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010



Tgt Ion: 41 Resp: 2382
Ion Ratio Lower Upper
41 100
39 57.0 28.2 84.7
67 65.3 34.5 103.5
52 30.6 16.3 48.8

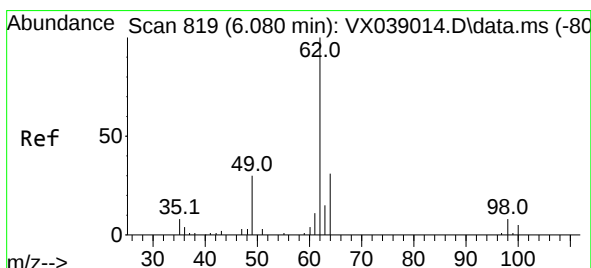
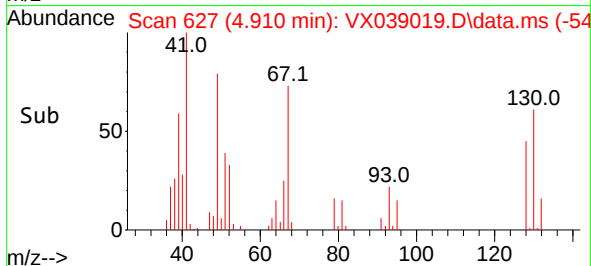
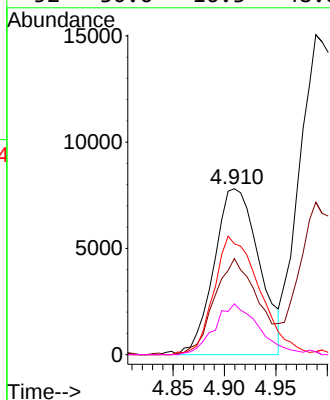
Manual Integrations
APPROVED

Reviewed By :John
Carlone

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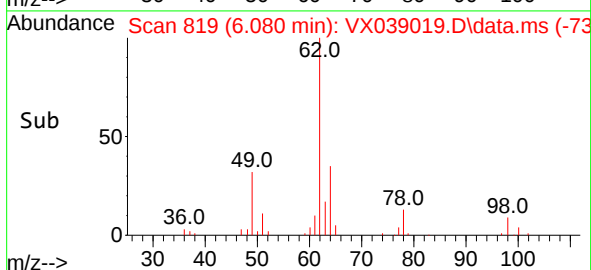
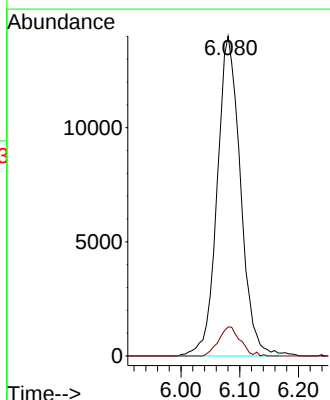
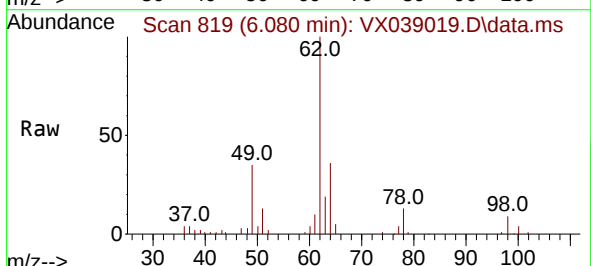
Supervised By :Mahesh
Dadoda

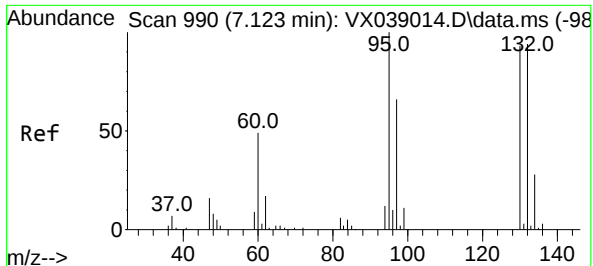
11/27/2023



#36
1,2-Dichloroethane
Concen: 11.090 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Tgt Ion: 62 Resp: 38590
Ion Ratio Lower Upper
62 100
98 8.2 7.0 10.4





#37

Trichloroethene

Concen: 10.787 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX039019.D

Acq: 24 Nov 2023 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tgt Ion:130 Resp: 25964

Ion Ratio Lower Upper

130 100

95 108.5 85.8 128.8

Manual Integrations

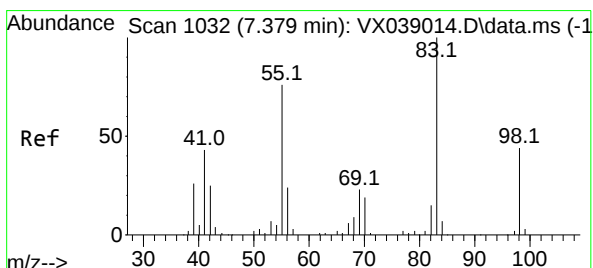
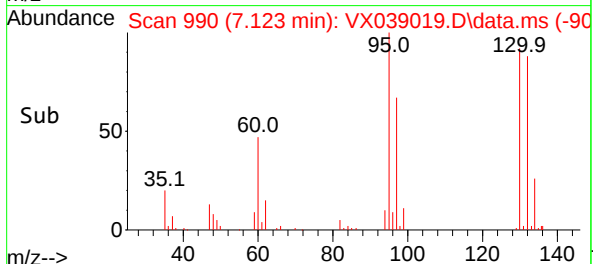
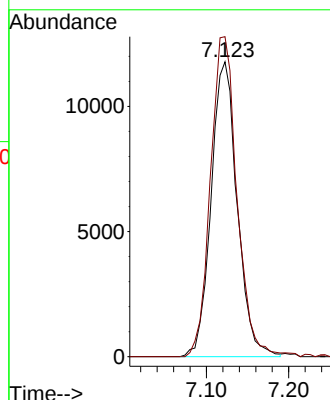
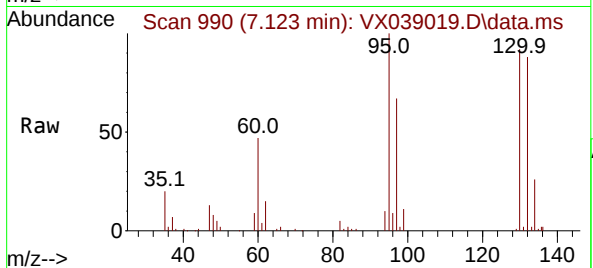
APPROVED

Reviewed By :John
Carlone

11/27/2023

Supervised By :Mahesh
Dadoda

11/27/2023



#38

Methylcyclohexane

Concen: 10.884 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX039019.D

Acq: 24 Nov 2023 12:52

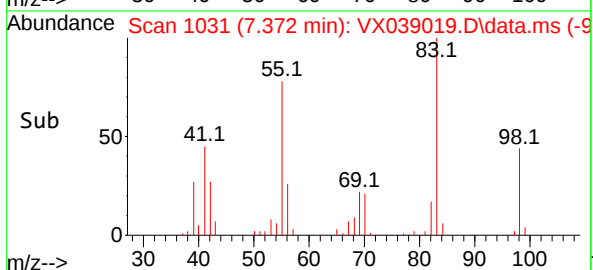
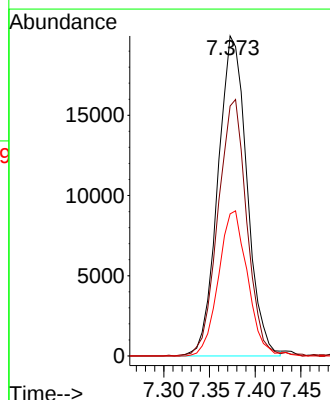
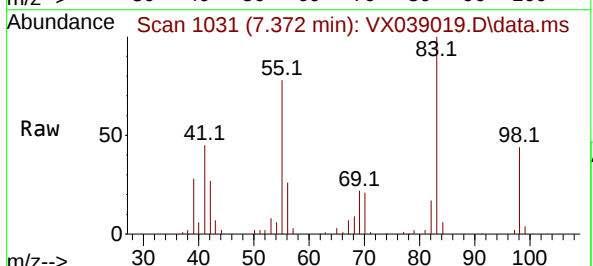
Tgt Ion: 83 Resp: 44148

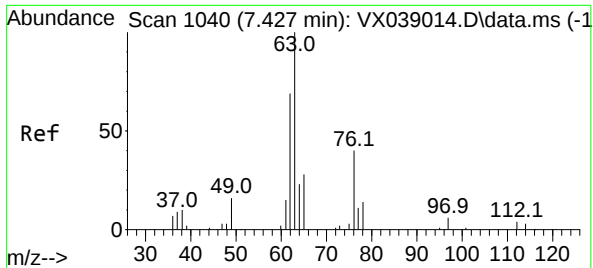
Ion Ratio Lower Upper

83 100

55 79.3 38.6 116.0

98 45.0 22.3 66.8





#39
1,2-Dichloropropane
Concen: 11.071 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 27690
Ion Ratio Lower Upper
63 100
65 29.2 24.6 37.0

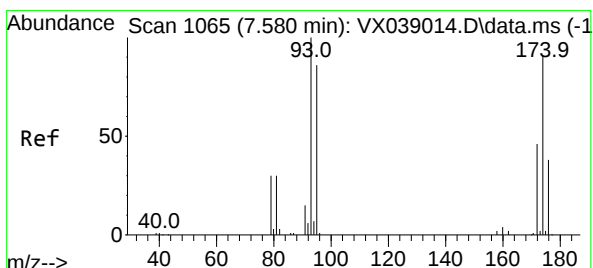
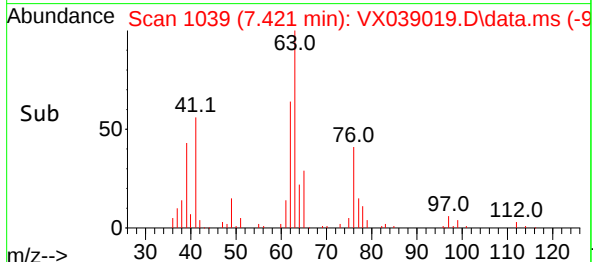
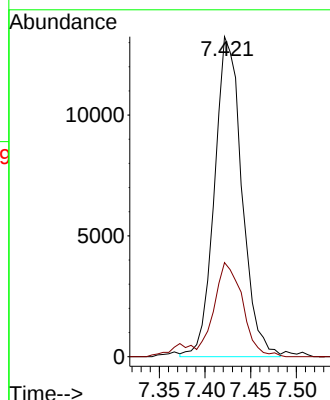
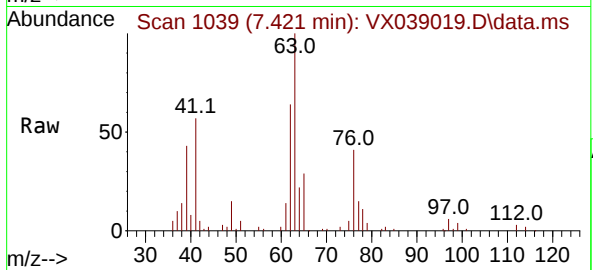
Manual Integrations
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Reviewed By :John
Carlone

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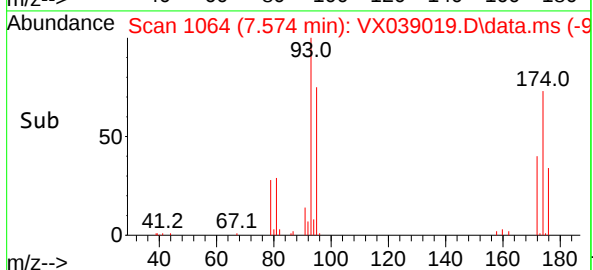
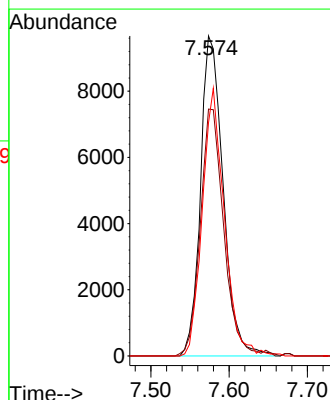
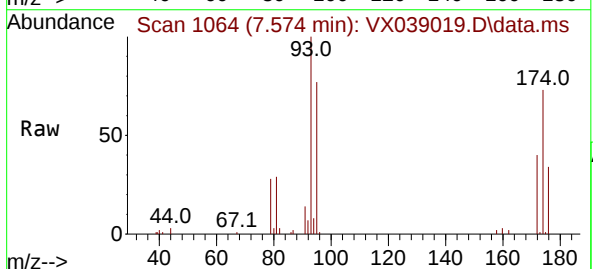
Supervised By :Mahesh
Dadoda

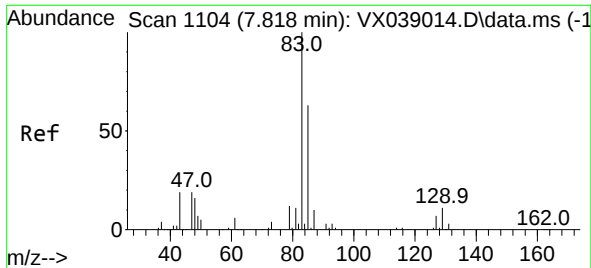
11/27/2023



#40
Dibromomethane
Concen: 10.974 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

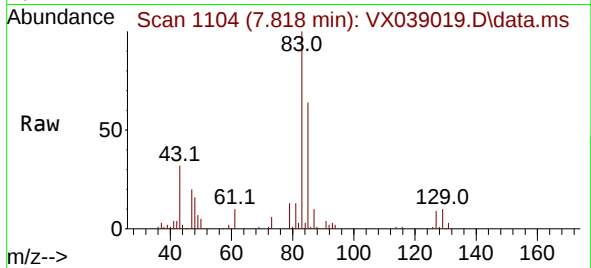
Tgt Ion: 93 Resp: 19393
Ion Ratio Lower Upper
93 100
95 79.6 0.0 163.4
174 80.9 0.0 166.4





#41
Bromodichloromethane
Concen: 10.887 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



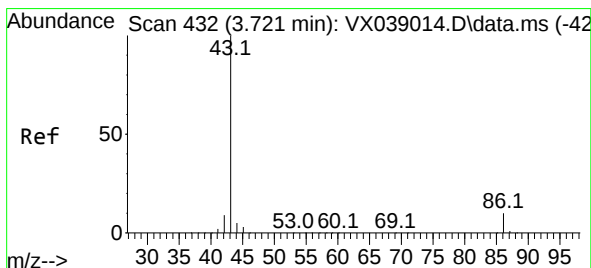
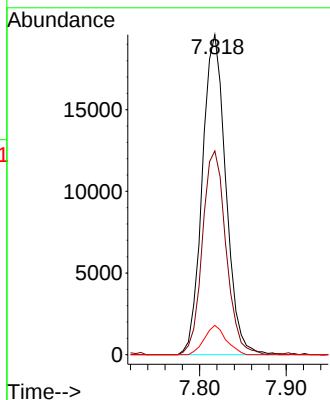
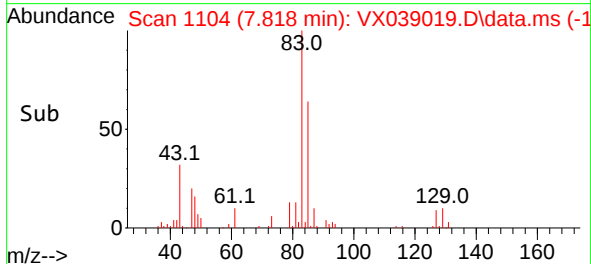
Tgt Ion: 83 Resp: 3696
Ion Ratio Lower Upper
83 100
85 63.7 50.8 76.2
127 9.2 5.9 8.9

Manual Integrations
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Reviewed By :John
Carlone

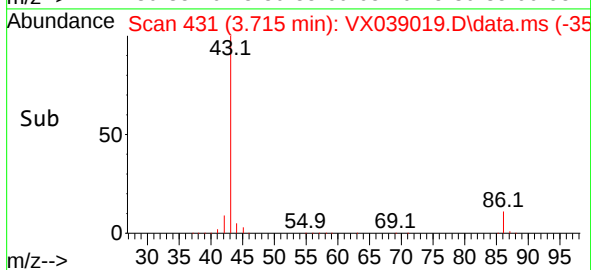
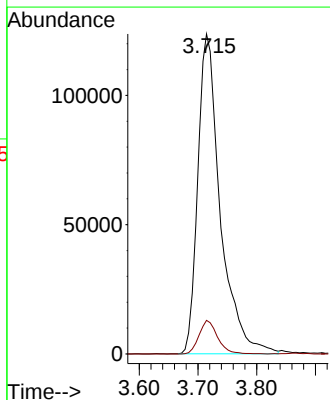
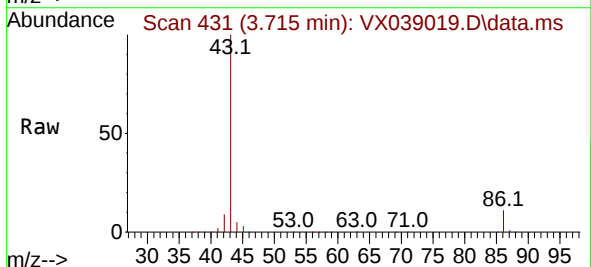
11/27/2023
Supervised By :Mahesh
Dadoda

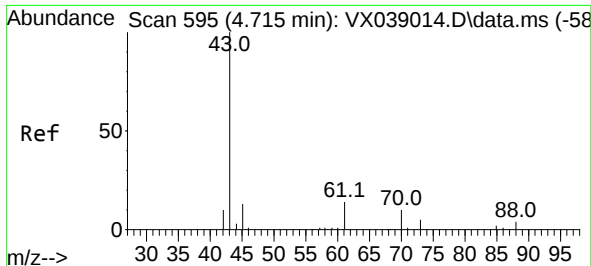
11/27/2023



#42
Vinyl Acetate
Concen: 56.341 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.006 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

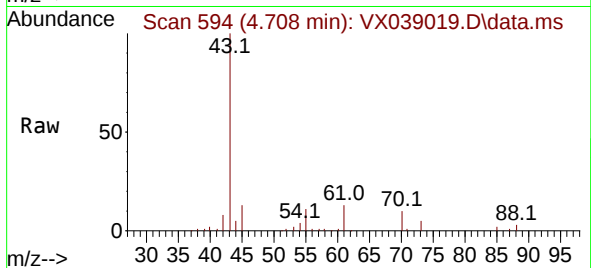
Tgt Ion: 43 Resp: 328914
Ion Ratio Lower Upper
43 100
86 8.7 6.7 10.1





#43
Ethyl Acetate
Concen: 11.245 ug/l
RT: 4.708 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010



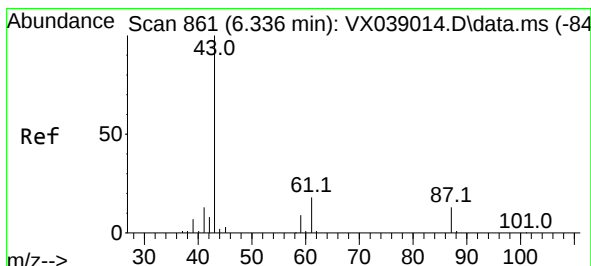
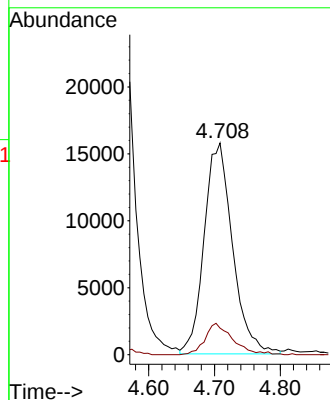
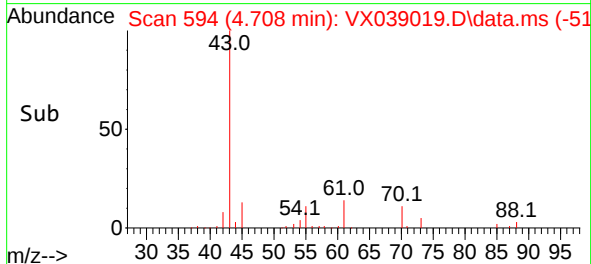
Tgt Ion: 43 Resp: 4741
Ion Ratio Lower Upper
43 100
45 14.2 11.8 17.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

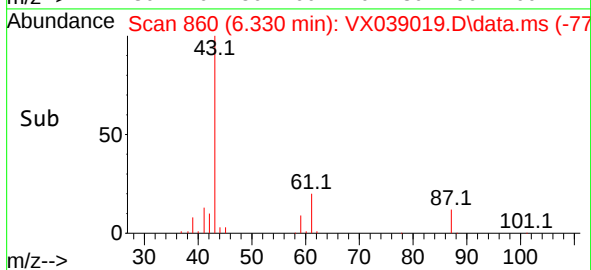
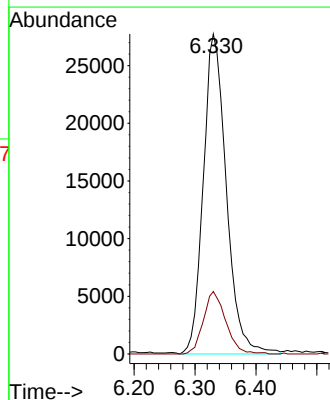
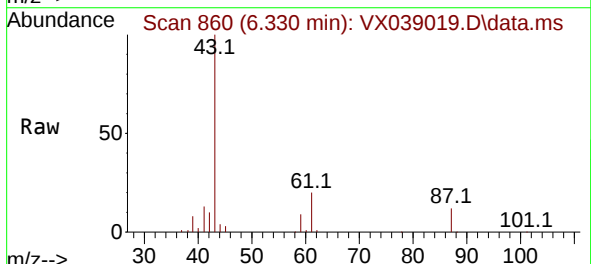
11/27/2023
Supervised By :Mahesh
Dadoda

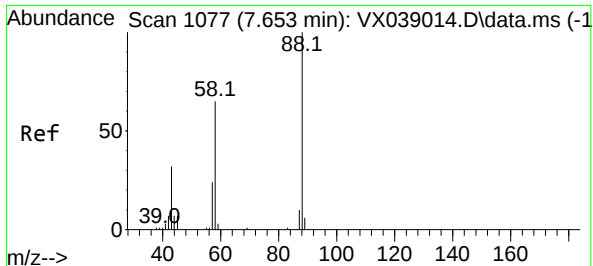
11/27/2023



#44
Isopropyl Acetate
Concen: 10.974 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Tgt Ion: 43 Resp: 72951
Ion Ratio Lower Upper
43 100
61 18.8 15.6 23.4





#45
1,4-Dioxane
Concen: 222.718 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010

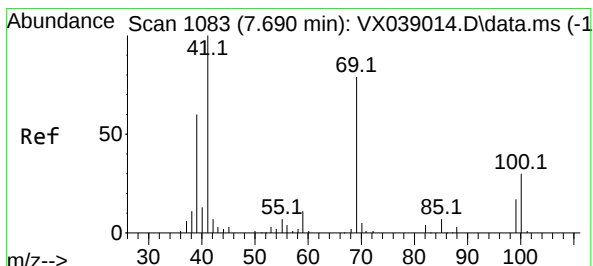
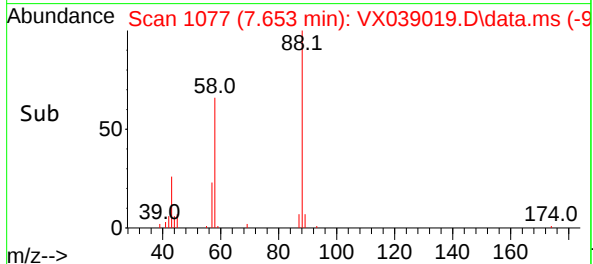
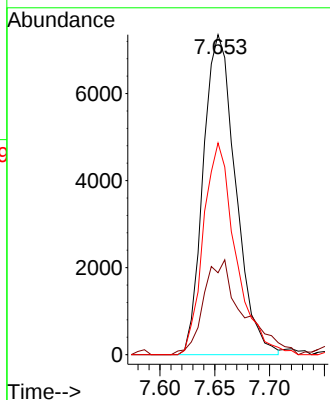
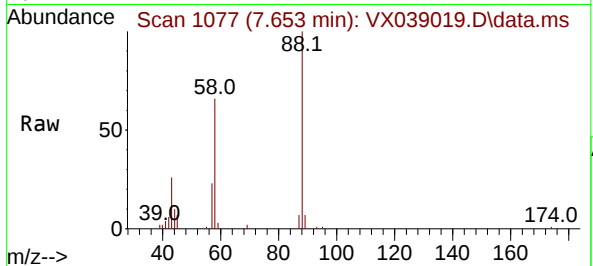
Tgt Ion: 88 Resp: 15114
Ion Ratio Lower Upper
88 100
43 36.1 28.1 42.1
58 66.3 57.7 86.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

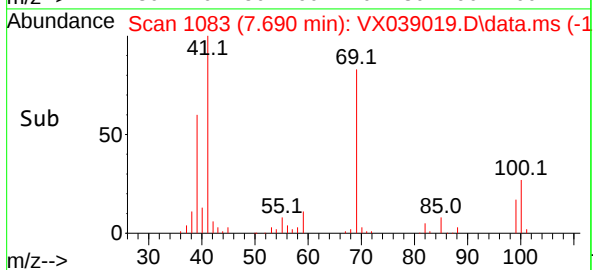
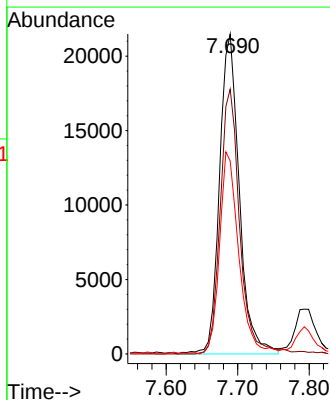
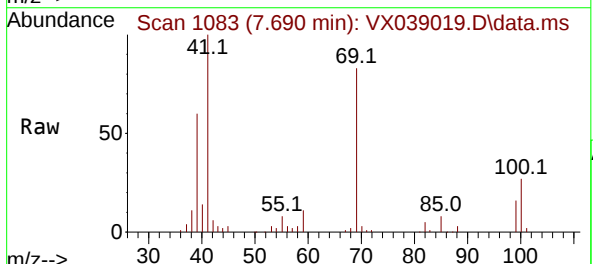
11/27/2023
Supervised By :Mahesh
Dadoda

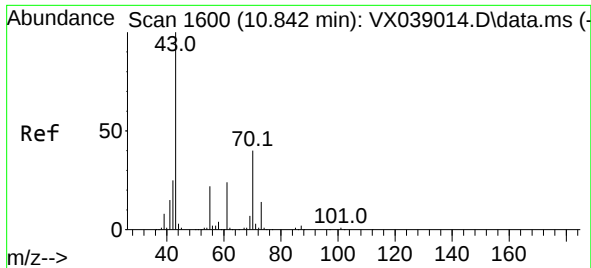
11/27/2023



#46
Methyl methacrylate
Concen: 10.855 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

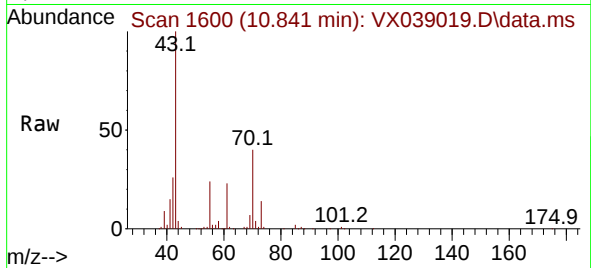
Tgt Ion: 41 Resp: 41258
Ion Ratio Lower Upper
41 100
69 82.8 39.6 118.8
39 60.0 30.1 90.3





#47
n-amy1 Acetate
Concen: 10.357 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010



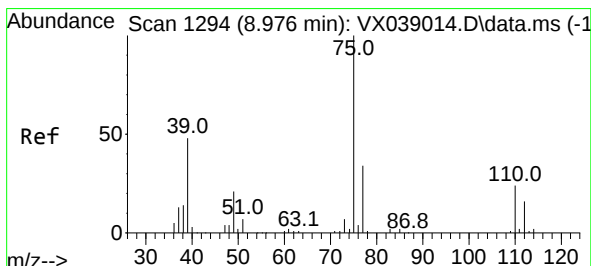
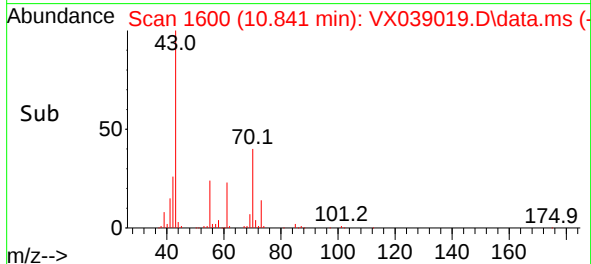
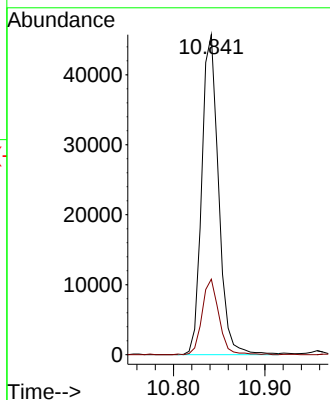
Tgt Ion: 43 Resp: 5827
Ion Ratio Lower Upper
43 100
55 23.6 18.2 27.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

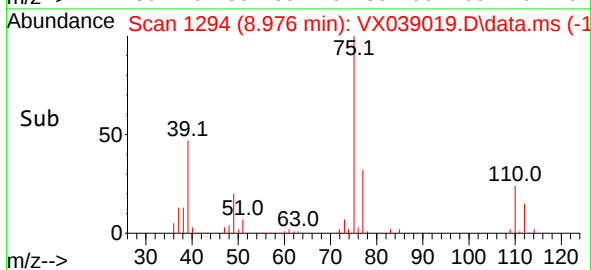
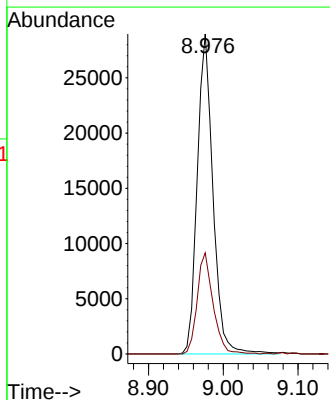
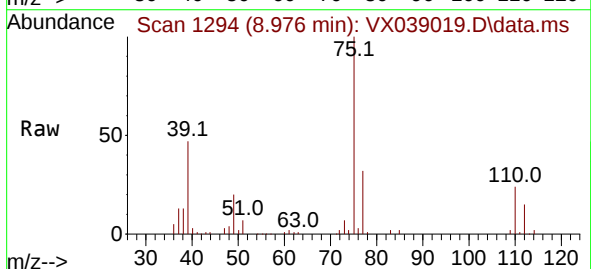
11/27/2023
Supervised By :Mahesh
Dadoda

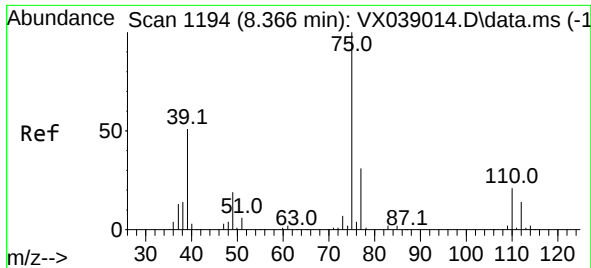
11/27/2023



#48
t-1,3-Dichloropropene
Concen: 10.752 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Tgt Ion: 75 Resp: 42326
Ion Ratio Lower Upper
75 100
77 31.6 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 10.742 ug/l

RT: 8.360 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX039019.D

Acq: 24 Nov 2023 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tgt Ion: 75 Resp: 4362

Ion	Ratio	Lower	Upper
75	100		
77	34.0	24.4	36.6
39	53.7	40.6	60.8

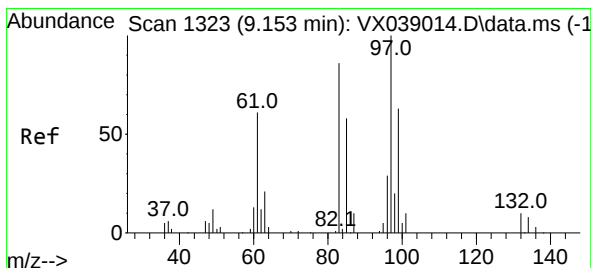
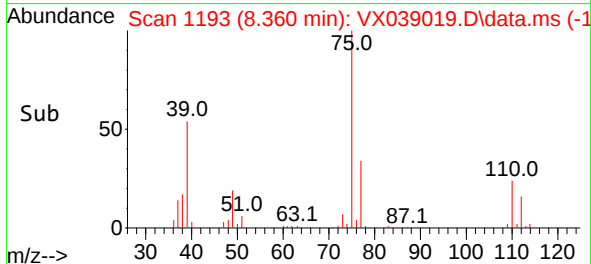
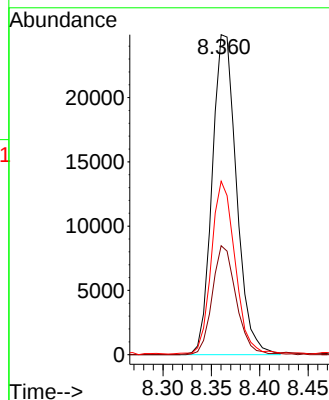
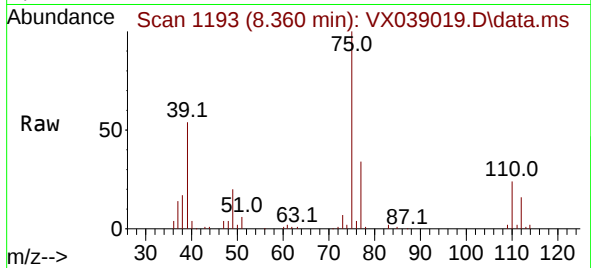
Manual Integrations
APPROVED

Reviewed By :John
Carlone

11/27/2023

Supervised By :Mahesh
Dadoda

11/27/2023



#50

1,1,2-Trichloroethane

Concen: 11.082 ug/l

RT: 9.147 min Scan# 1322

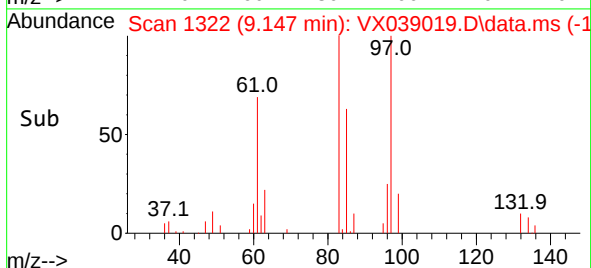
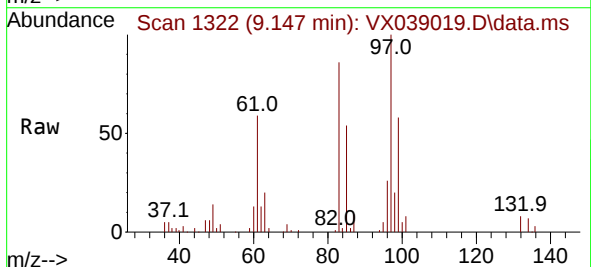
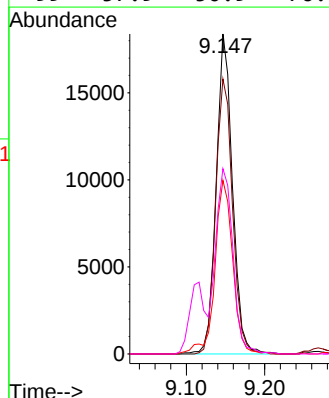
Delta R.T. -0.006 min

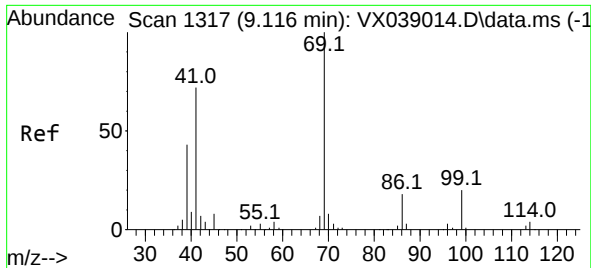
Lab File: VX039019.D

Acq: 24 Nov 2023 12:52

Tgt Ion: 97 Resp: 26604

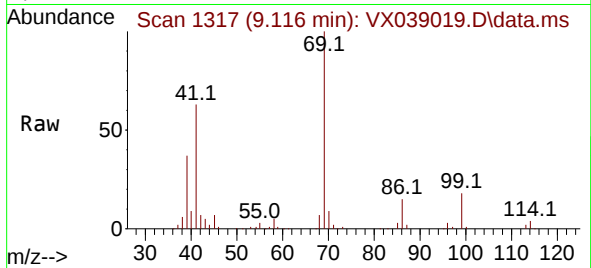
Ion	Ratio	Lower	Upper
97	100		
83	85.9	69.0	103.6
85	54.3	46.3	69.5
99	57.9	50.9	76.3





#51
Ethyl methacrylate
Concen: 10.955 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010



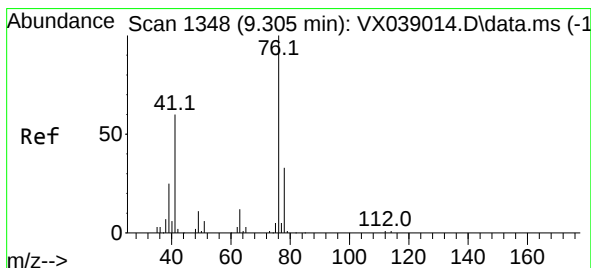
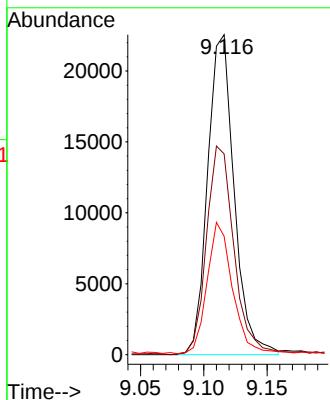
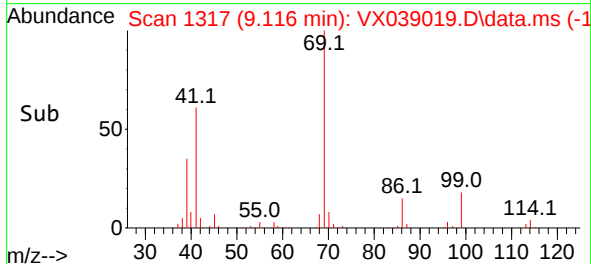
Tgt Ion: 69 Resp: 32918
Ion Ratio Lower Upper
69 100
41 62.4 36.2 108.6
39 36.7 21.1 63.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

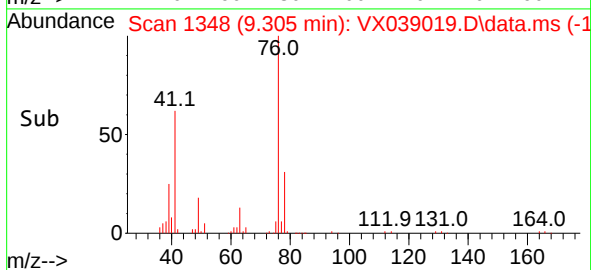
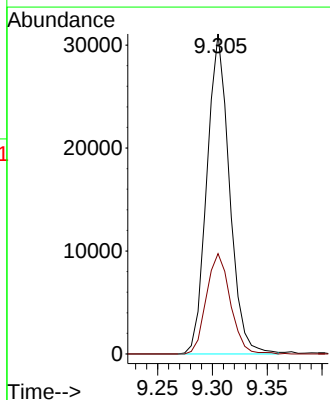
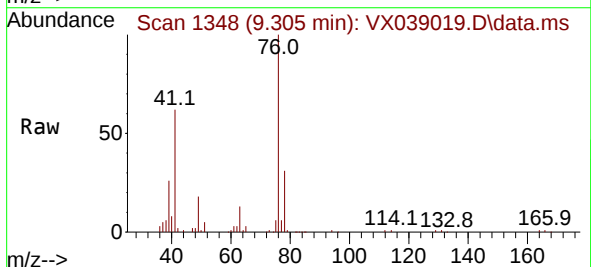
11/27/2023
Supervised By :Mahesh
Dadoda

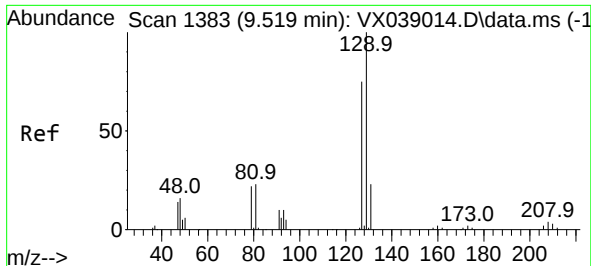
11/27/2023



#52
1,3-Dichloropropane
Concen: 10.810 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

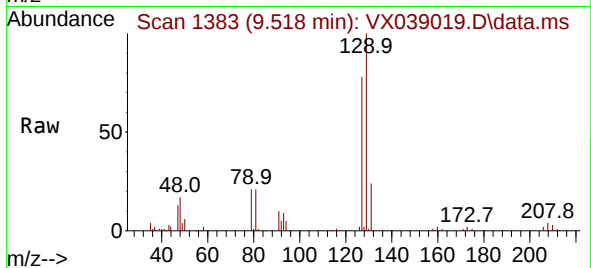
Tgt Ion: 76 Resp: 44497
Ion Ratio Lower Upper
76 100
78 33.1 0.0 65.0





#53
Dibromochloromethane
Concen: 10.634 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



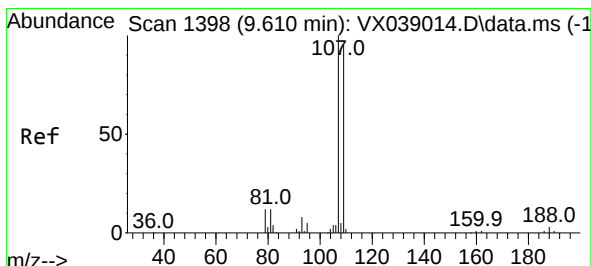
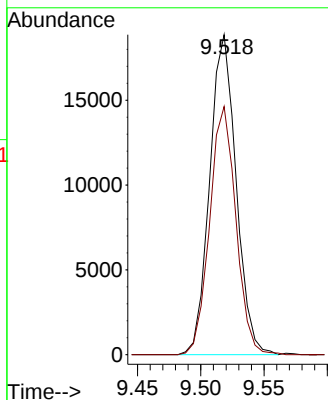
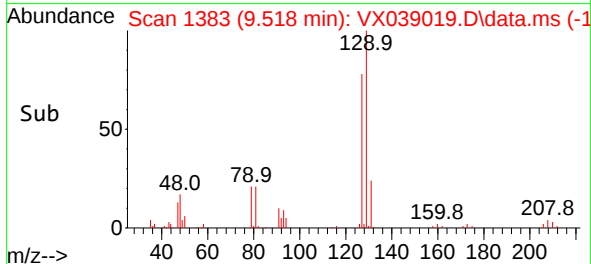
Tgt Ion:129 Resp: 27410
Ion Ratio Lower Upper
129 100
127 76.9 38.3 114.9

Manual Integrations
APPROVED

Reviewed By :John
Carlone

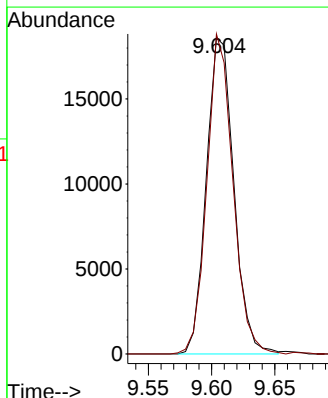
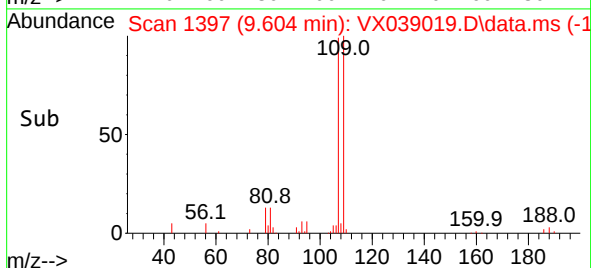
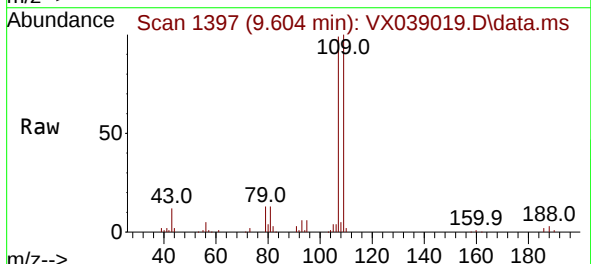
11/27/2023
Supervised By :Mahesh
Dadoda

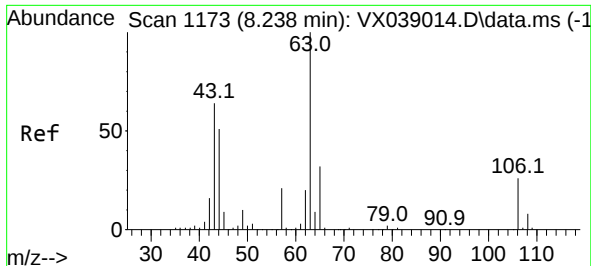
11/27/2023



#54
1,2-Dibromoethane
Concen: 10.668 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Tgt Ion:107 Resp: 28085
Ion Ratio Lower Upper
107 100
109 95.8 75.1 112.7





#55
2-Chloroethyl vinyl ether
Concen: 48.235 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

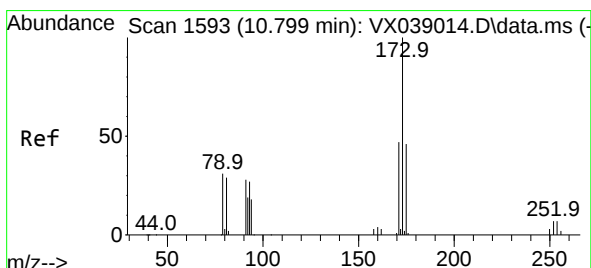
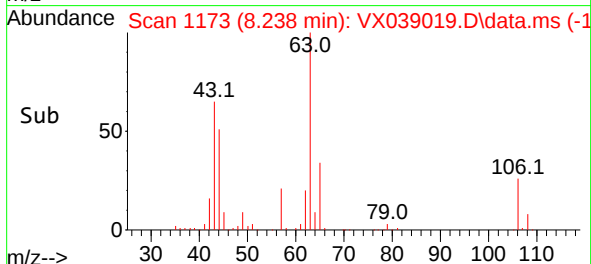
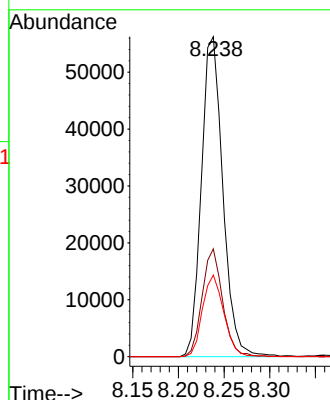
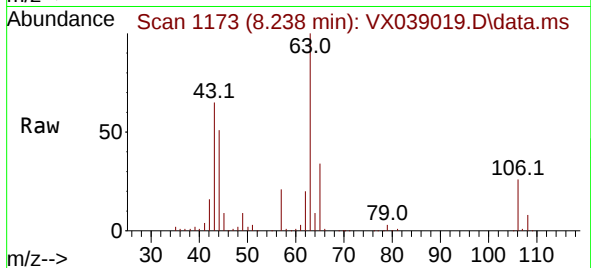
Tgt Ion: 63 Resp: 91820
Ion Ratio Lower Upper
63 100
65 32.0 25.8 38.6
106 25.2 20.6 31.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

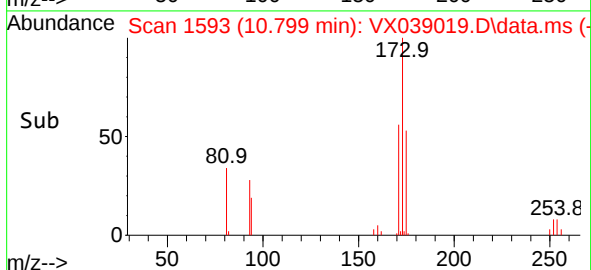
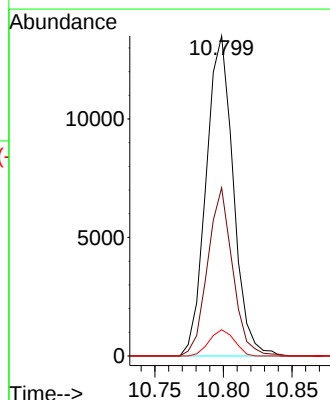
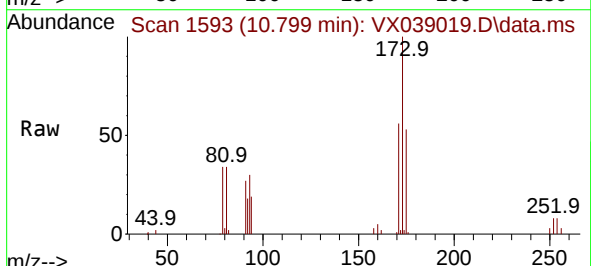
11/27/2023
Supervised By :Mahesh
Dadoda

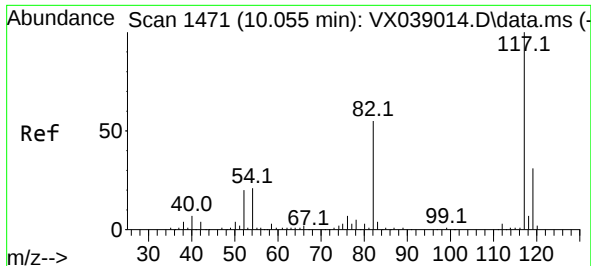
11/27/2023



#56
Bromoform
Concen: 9.993 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Tgt Ion:173 Resp: 18593
Ion Ratio Lower Upper
173 100
175 48.5 37.6 56.4
254 7.6 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: VX039019.D

Acq: 24 Nov 2023 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

Tgt Ion:117 Resp: 13969

Ion Ratio Lower Upper

117 100

82 59.4 47.0 70.6

119 32.0 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John

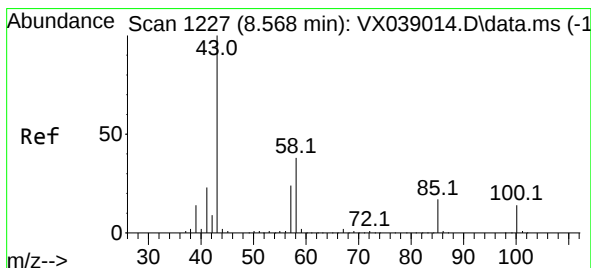
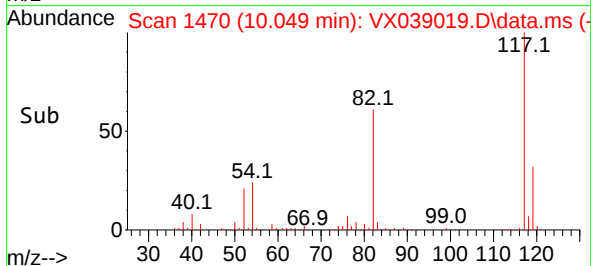
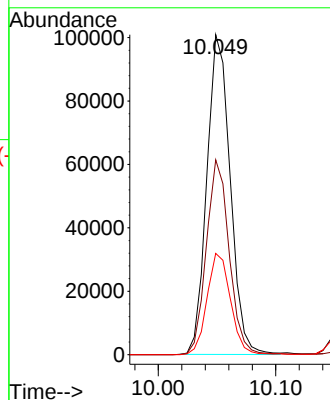
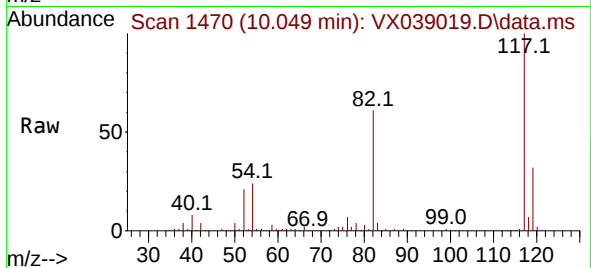
Carlone

11/27/2023

Supervised By :Mahesh

Dadoda

11/27/2023



#58

4-Methyl-2-Pentanone

Concen: 57.146 ug/l

RT: 8.567 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VX039019.D

Acq: 24 Nov 2023 12:52

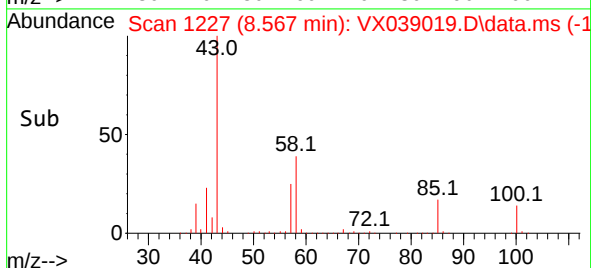
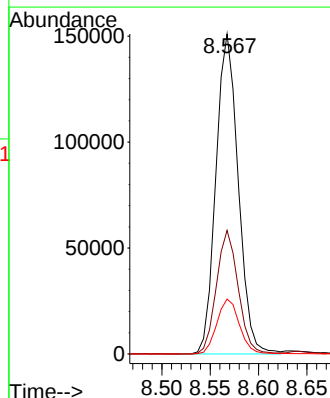
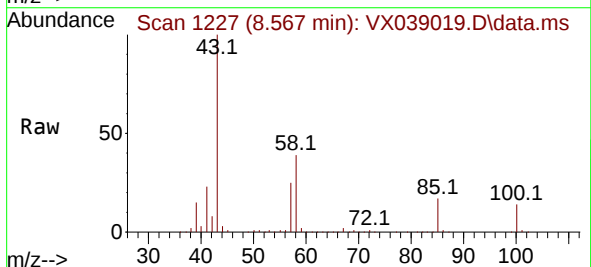
Tgt Ion: 43 Resp: 242075

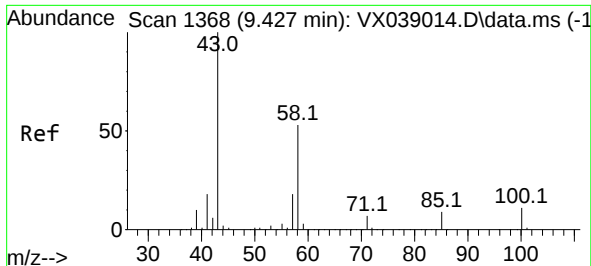
Ion Ratio Lower Upper

43 100

58 37.6 30.1 45.1

85 17.4 13.9 20.9





#59

2-Hexanone

Concen: 57.169 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX039019.D

Acq: 24 Nov 2023 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 19878

Ion Ratio Lower Upper

43 100

58 53.0 42.7 64.1

57 18.3 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :John

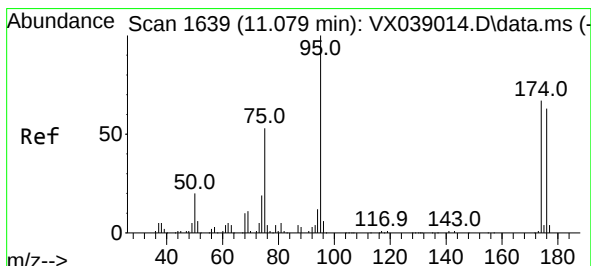
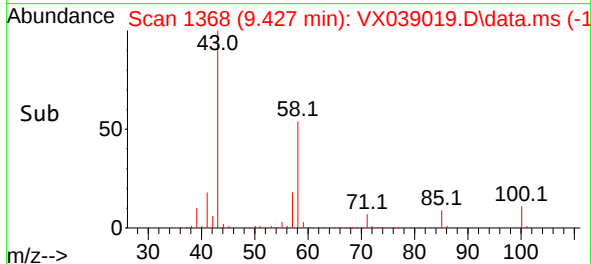
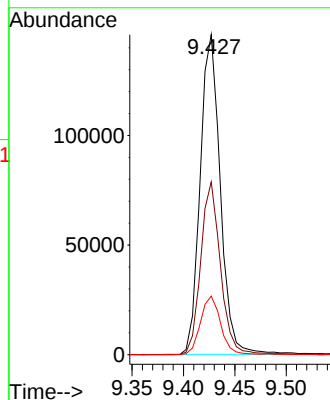
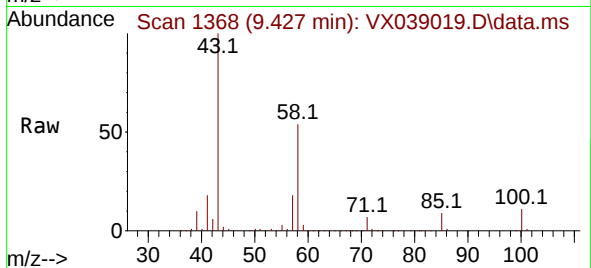
Carlone

11/27/2023

Supervised By :Mahesh

Dadoda

11/27/2023



#60

4-Bromofluorobenzene

Concen: 29.417 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX039019.D

Acq: 24 Nov 2023 12:52

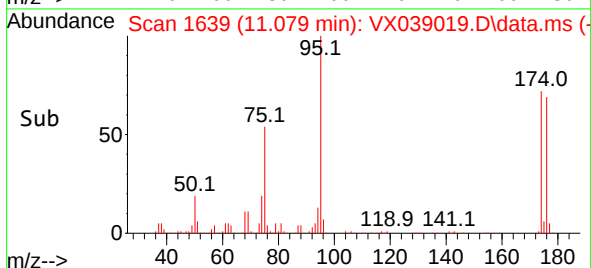
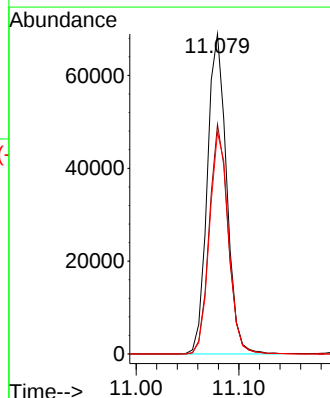
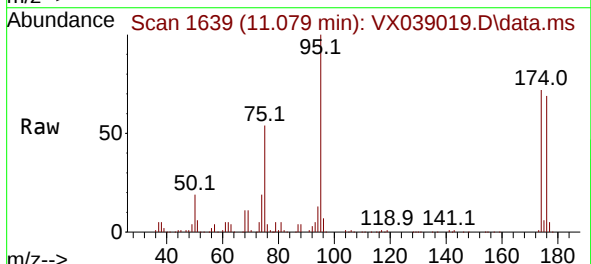
Tgt Ion: 95 Resp: 89753

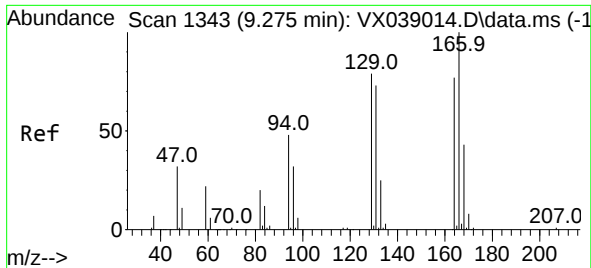
Ion Ratio Lower Upper

95 100

174 69.7 55.4 83.2

176 68.5 52.6 78.8





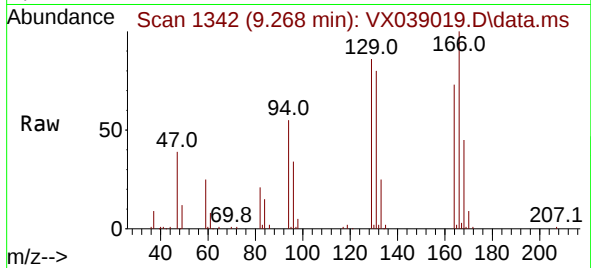
#61
Tetrachloroethene
Concen: 11.470 ug/l
RT: 9.268 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010



Tgt Ion:164 Resp: 2083
Ion Ratio Lower Upper
164 100
166 136.8 104.0 156.0
129 117.5 82.0 123.0
131 108.8 76.4 114.6

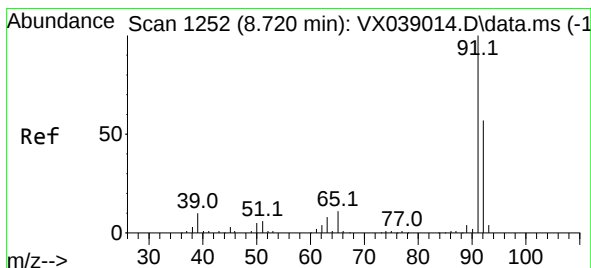
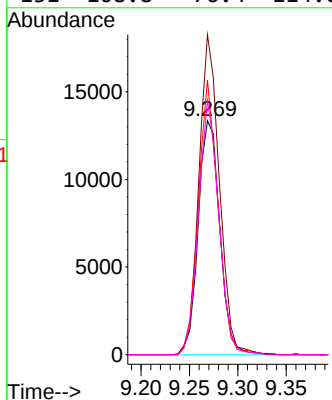
Manual Integrations
APPROVED

Reviewed By :John
Carlone

11/27/2023

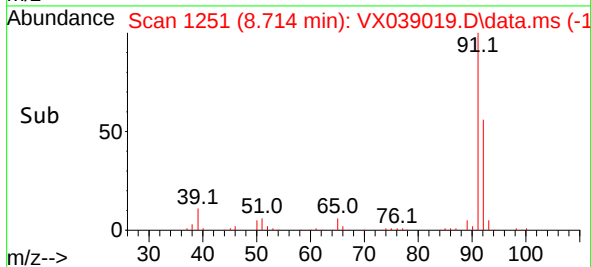
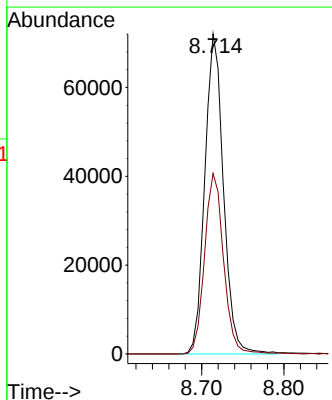
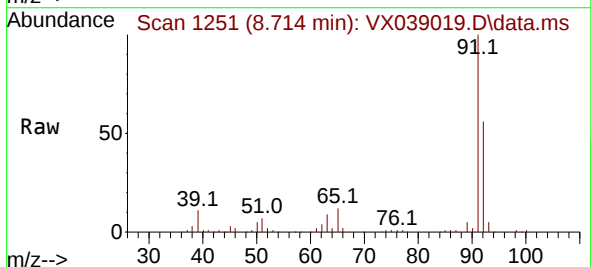
Supervised By :Mahesh
Dadoda

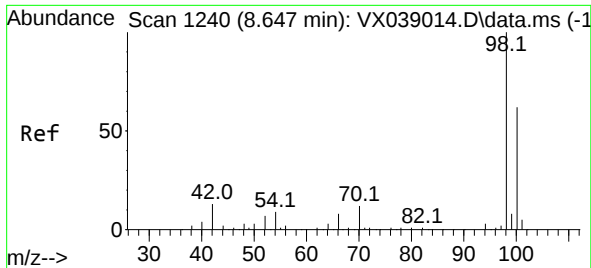
11/27/2023



#62
Toluene
Concen: 11.452 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

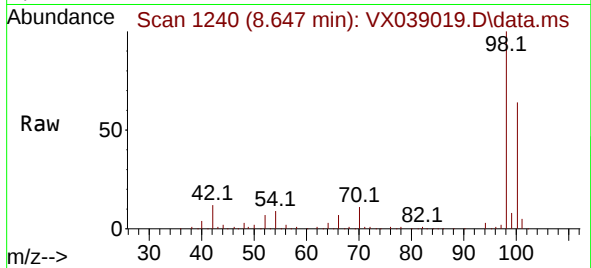
Tgt Ion: 91 Resp: 113575
Ion Ratio Lower Upper
91 100
92 57.3 45.9 68.9





#63
Toluene-d8
Concen: 30.523 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



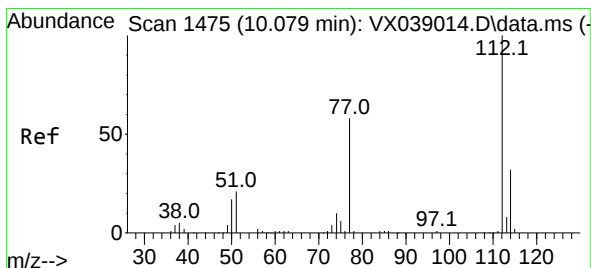
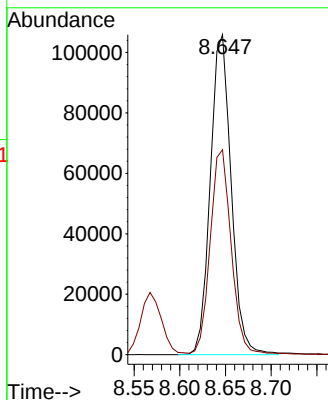
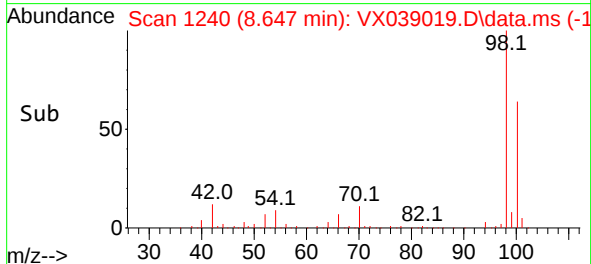
Tgt Ion: 98 Resp: 16857
Ion Ratio Lower Upper
98 100
100 64.8 51.0 76.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

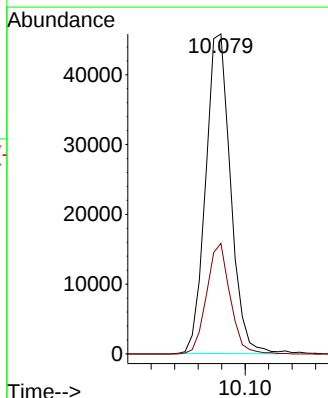
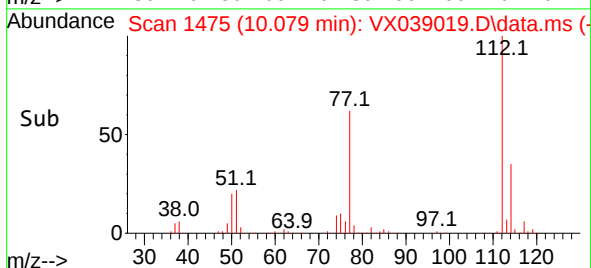
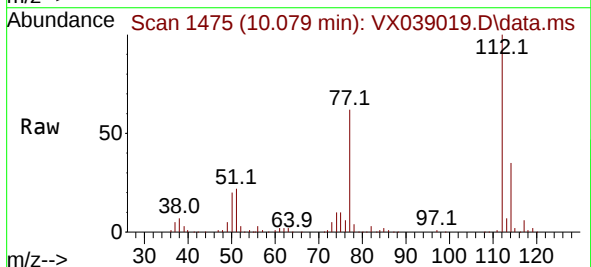
11/27/2023
Supervised By :Mahesh
Dadoda

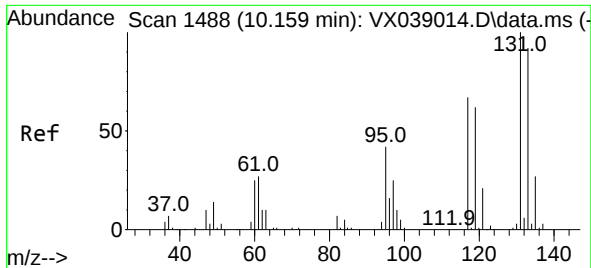
11/27/2023



#64
Chlorobenzene
Concen: 11.156 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

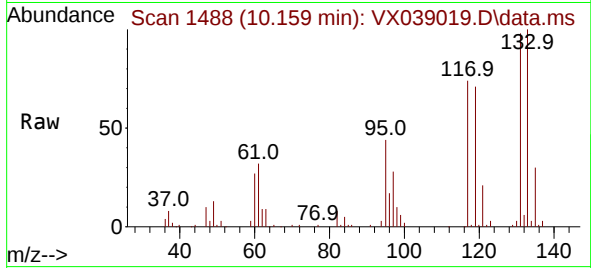
Tgt Ion:112 Resp: 67303
Ion Ratio Lower Upper
112 100
114 34.6 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 11.176 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



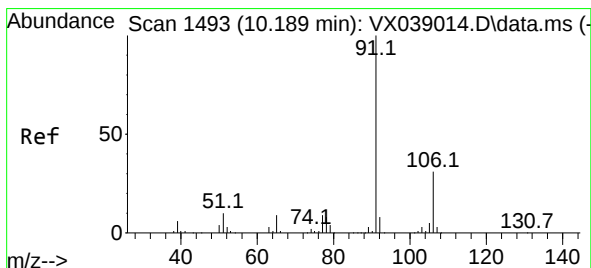
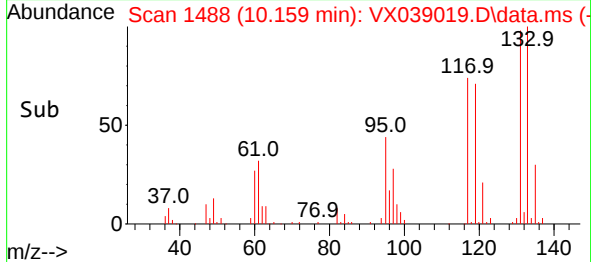
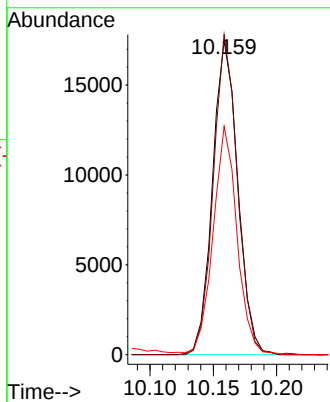
Tgt Ion:131 Resp: 2428
Ion Ratio Lower Upper
131 100
133 97.0 0.0 191.8
119 68.8 0.0 135.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

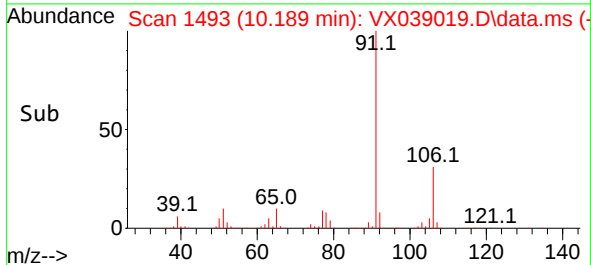
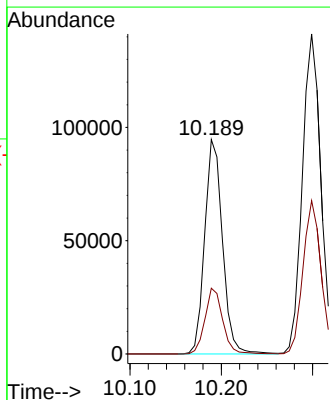
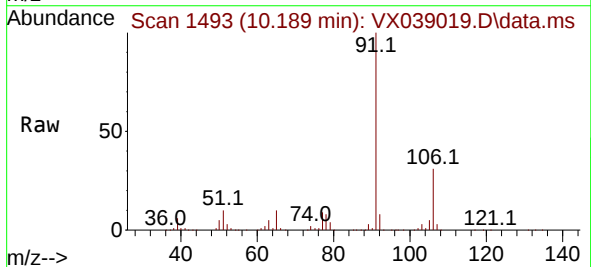
11/27/2023
Supervised By :Mahesh
Dadoda

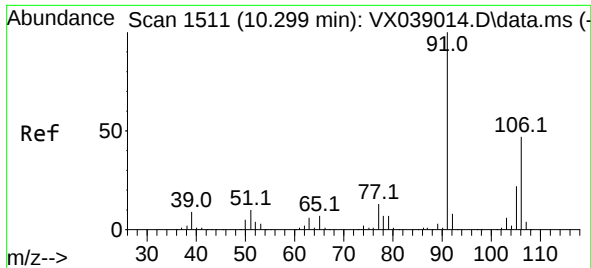
11/27/2023



#66
Ethyl Benzene
Concen: 11.318 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Tgt Ion: 91 Resp: 127816
Ion Ratio Lower Upper
91 100
106 30.7 24.4 36.6





#67

m/p-Xylenes

Concen: 22.476 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX039019.D

Acq: 24 Nov 2023 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

Tgt Ion:106 Resp: 9379

Ion Ratio Lower Upper

106 100

91 215.7 169.4 254.0

Manual Integrations

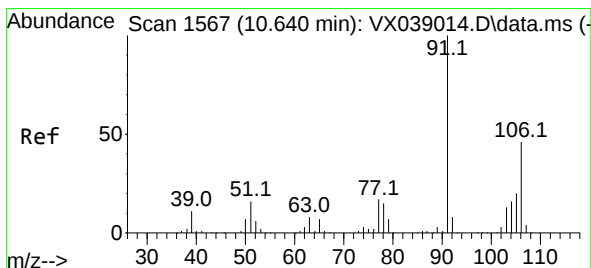
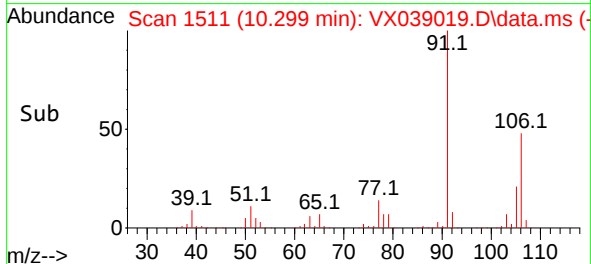
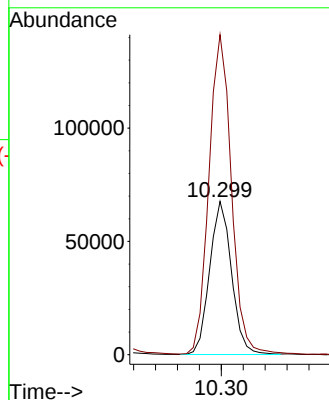
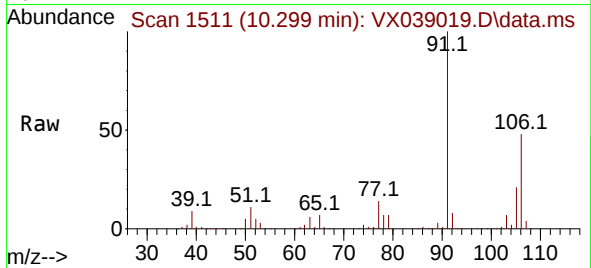
APPROVED

Reviewed By :John
Carlone

11/27/2023

Supervised By :Mahesh
Dadoda

11/27/2023



#68

o-Xylene

Concen: 11.237 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX039019.D

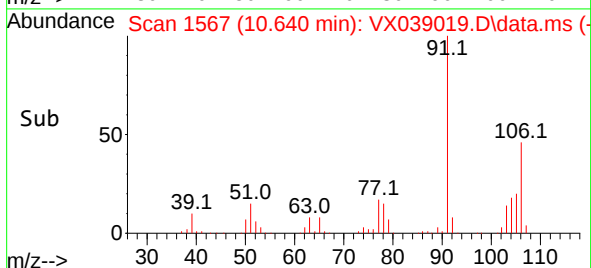
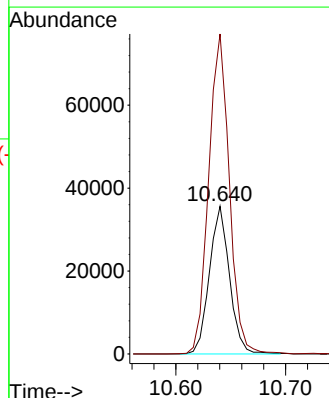
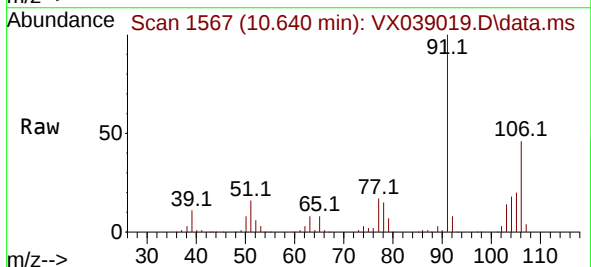
Acq: 24 Nov 2023 12:52

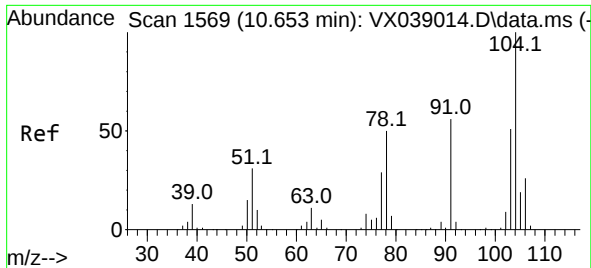
Tgt Ion:106 Resp: 45423

Ion Ratio Lower Upper

106 100

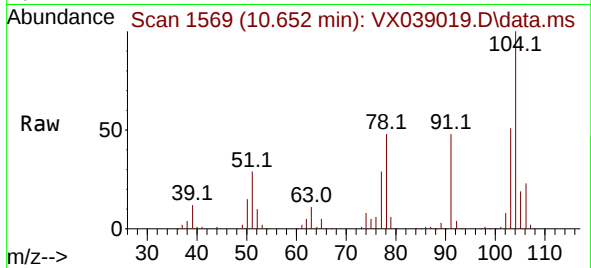
91 221.9 111.2 333.6





#69
Styrene
Concen: 10.852 ug/l
RT: 10.652 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



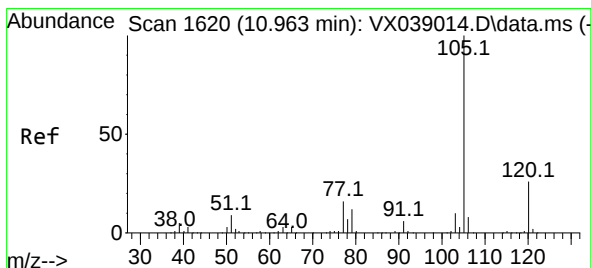
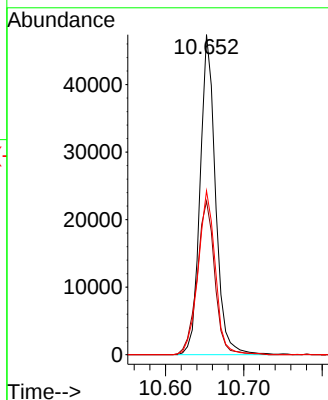
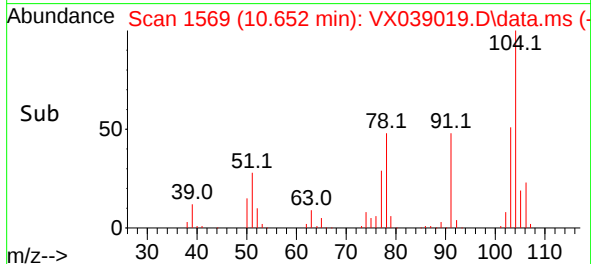
Tgt Ion:104 Resp: 64919
Ion Ratio Lower Upper
104 100
78 54.9 43.7 65.5
103 57.0 44.6 67.0

Manual Integrations
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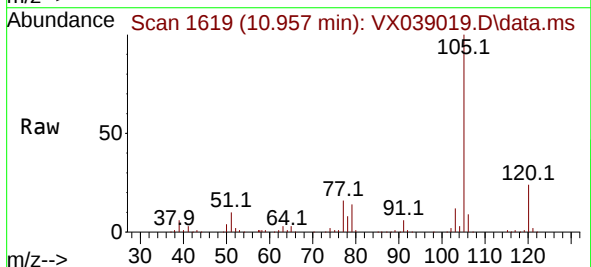
Reviewed By :John
Carlone

11/27/2023
Supervised By :Mahesh
Dadoda

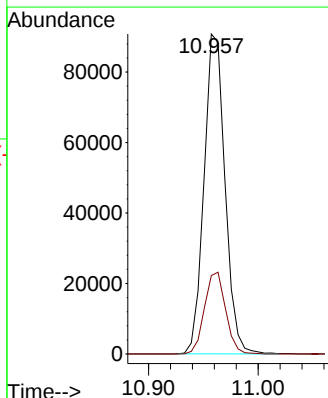
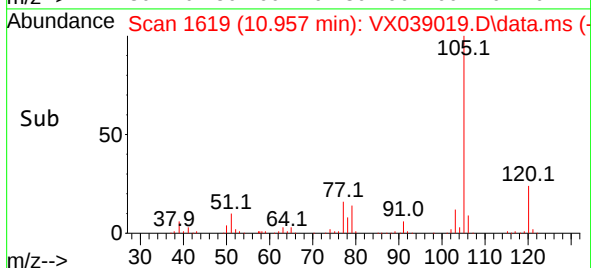
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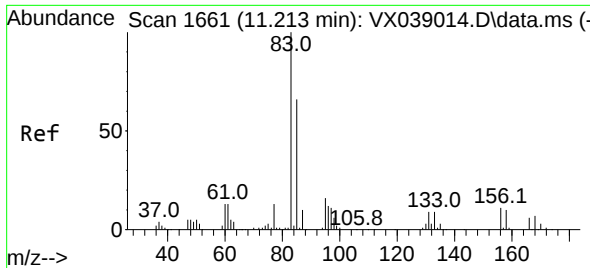


#70
Isopropylbenzene
Concen: 11.171 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52



Tgt Ion:105 Resp: 120813
Ion Ratio Lower Upper
105 100
120 25.7 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 11.019 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

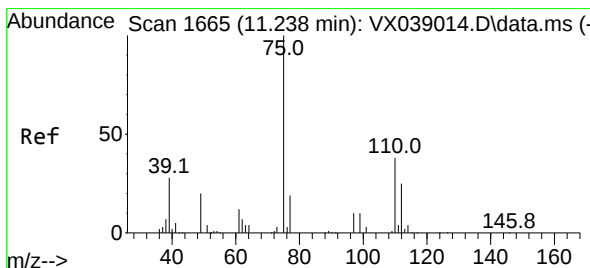
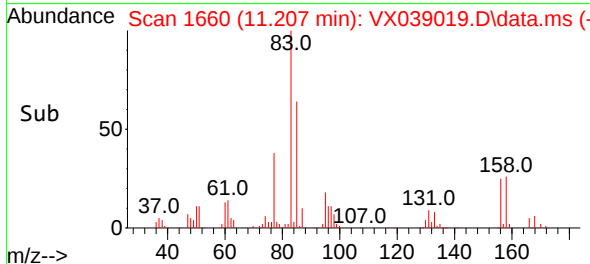
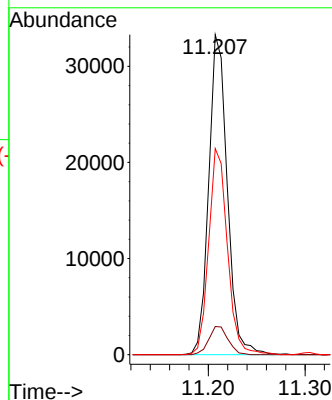
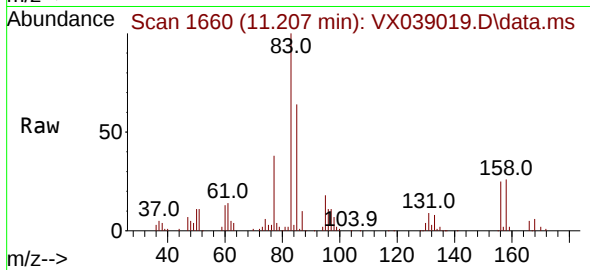
Tgt Ion: 83 Resp: 44489
Ion Ratio Lower Upper
83 100
131 9.1 4.6 13.8
85 64.8 32.5 97.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

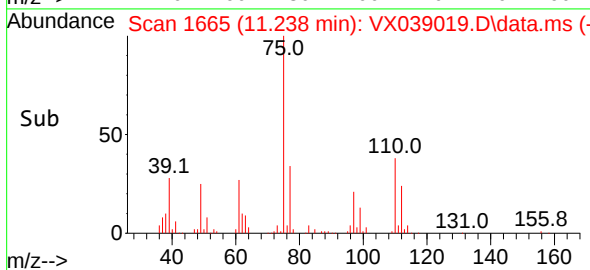
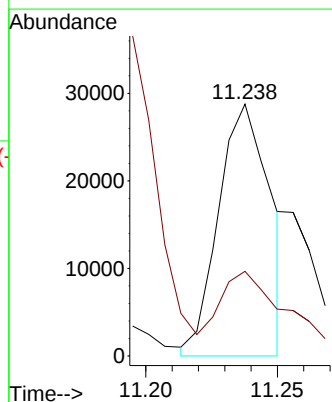
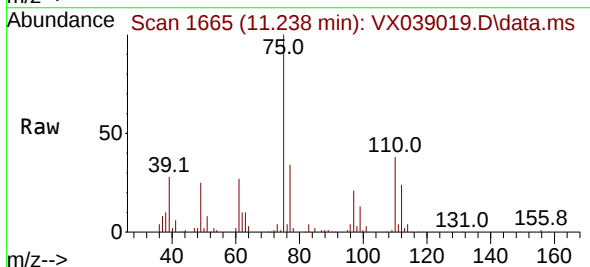
11/27/2023
Supervised By :Mahesh
Dadoda

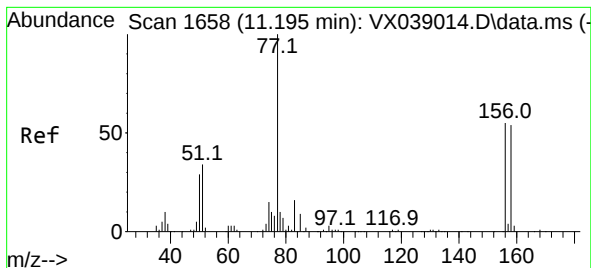
11/27/2023



#72
1,2,3-Trichloropropane
Concen: 8.450 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Tgt Ion: 75 Resp: 39204
Ion Ratio Lower Upper
75 100
77 44.5 0.0 76.4





#73

Bromobenzene

Concen: 11.374 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX039019.D

Acq: 24 Nov 2023 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tgt Ion:	156	Resp:	28000
Ion Ratio	Lower	Upper	
156	100		
77	174.1	0.0	363.2
158	94.4	0.0	197.8

Manual Integrations

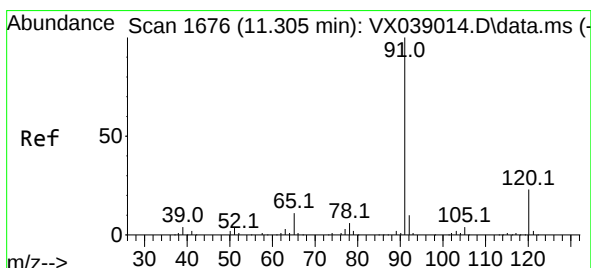
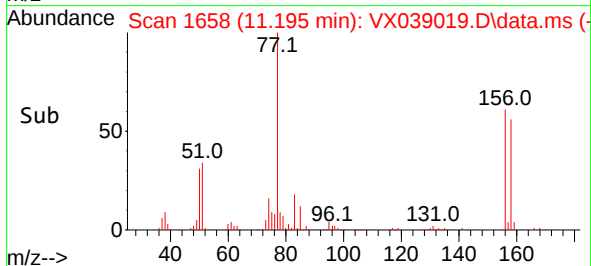
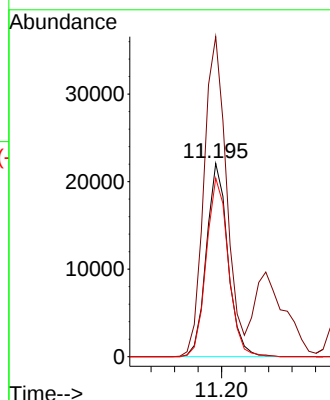
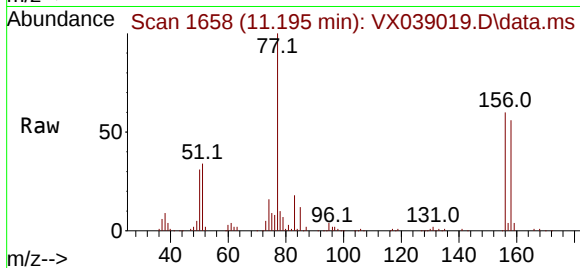
APPROVED

Reviewed By :John
Carlone

11/27/2023

Supervised By :Mahesh
Dadoda

11/27/2023



#74

n-propylbenzene

Concen: 11.197 ug/l

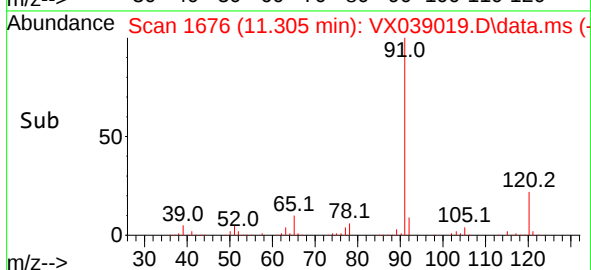
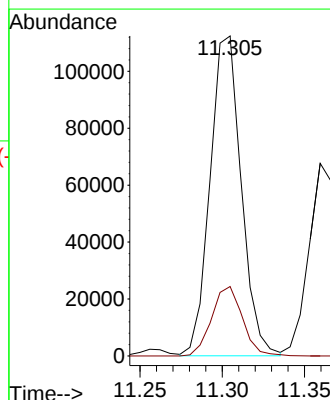
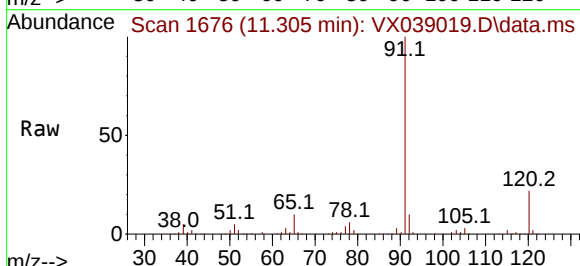
RT: 11.305 min Scan# 1676

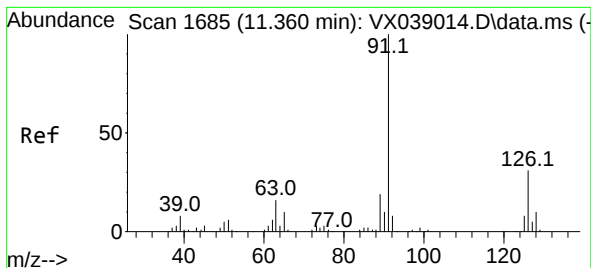
Delta R.T. -0.000 min

Lab File: VX039019.D

Acq: 24 Nov 2023 12:52

Tgt Ion:	91	Resp:	148372
Ion Ratio	Lower	Upper	
91	100		
120	21.4	0.0	43.4





#75
2-Chlorotoluene
Concen: 11.308 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

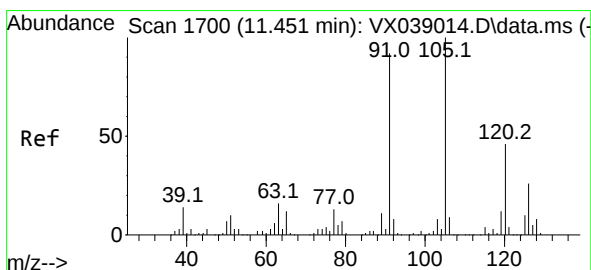
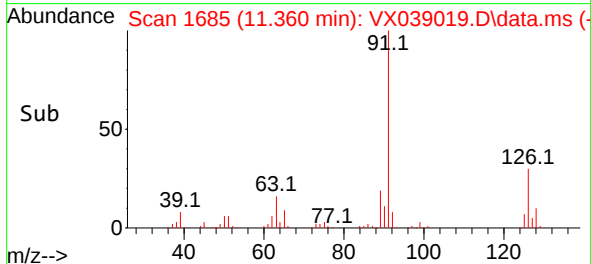
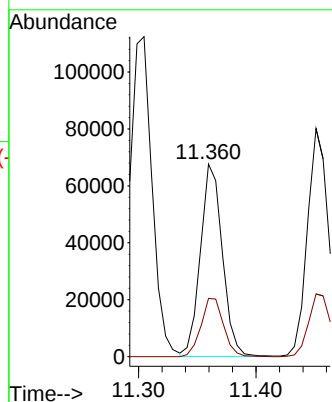
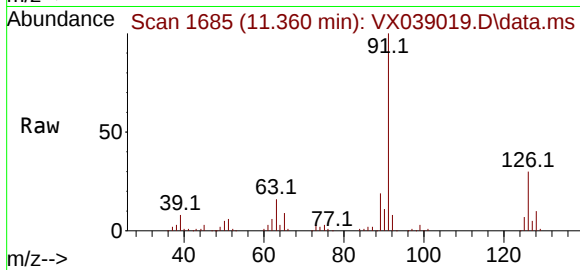
Tgt Ion: 91 Resp: 8791
Ion Ratio Lower Upper
91 100
126 31.1 0.0 64.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

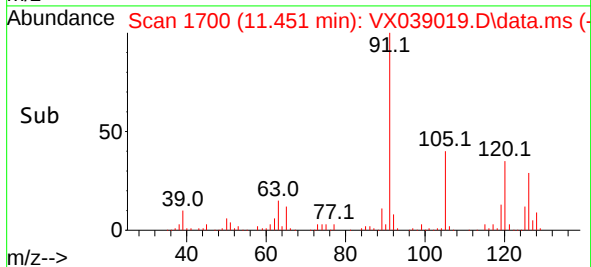
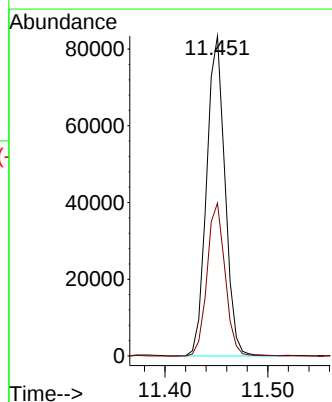
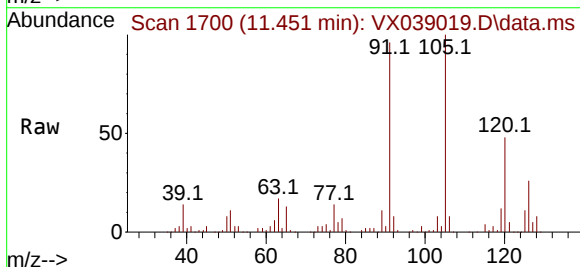
11/27/2023
Supervised By :Mahesh
Dadoda

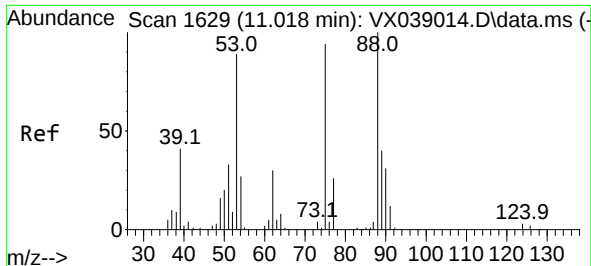
11/27/2023



#76
1,3,5-Trimethylbenzene
Concen: 11.126 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Tgt Ion:105 Resp: 103669
Ion Ratio Lower Upper
105 100
120 46.8 0.0 92.6





#77
t-1,4-Dichloro-2-butene
Concen: 10.691 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010

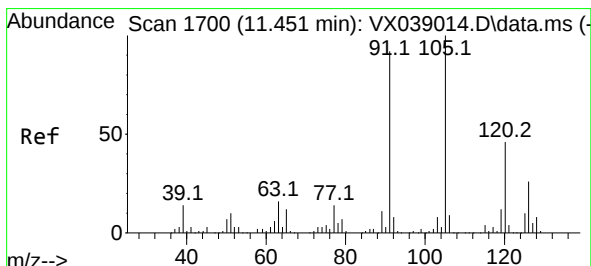
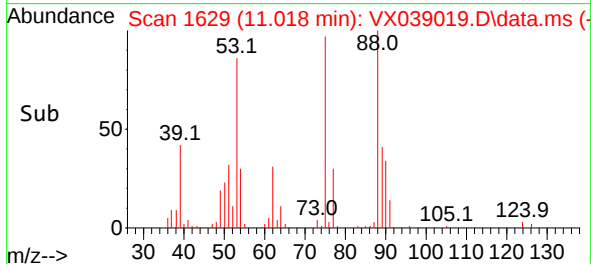
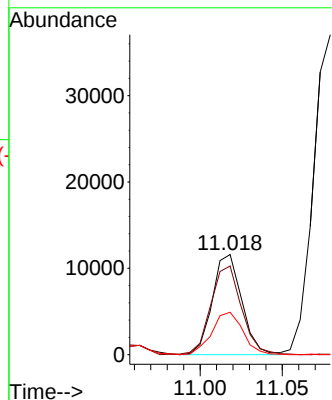
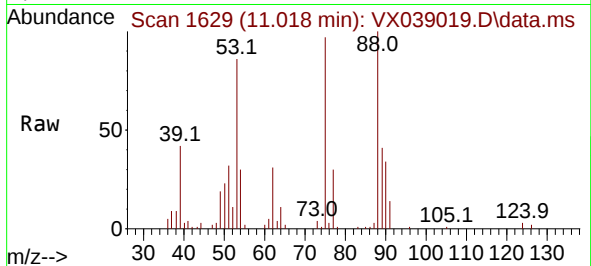
Tgt Ion: 75 Resp: 1447
Ion Ratio Lower Upper
75 100
53 87.9 46.9 140.8
89 42.3 21.3 63.7

Manual Integrations
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Reviewed By :John
Carlone

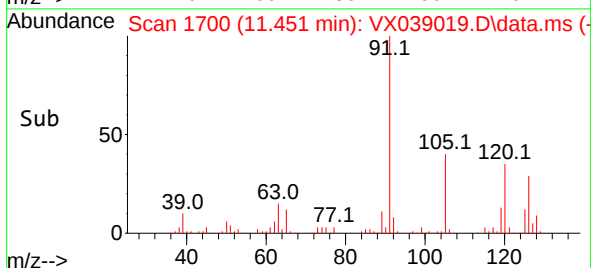
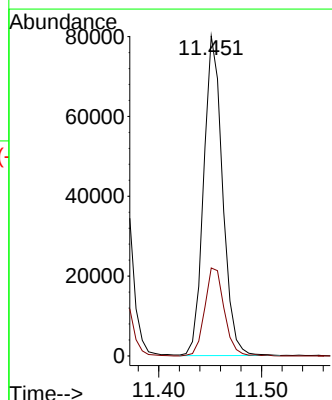
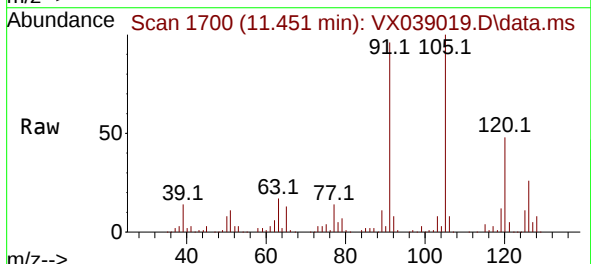
11/27/2023
Supervised By :Mahesh
Dadoda

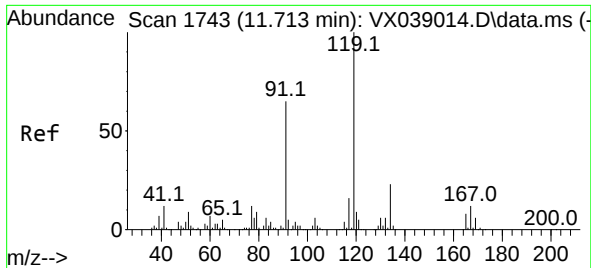
11/27/2023



#78
4-Chlorotoluene
Concen: 11.201 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Tgt Ion: 91 Resp: 102377
Ion Ratio Lower Upper
91 100
126 28.7 0.0 57.4





#79
tert-butylbenzene
Concen: 11.136 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010

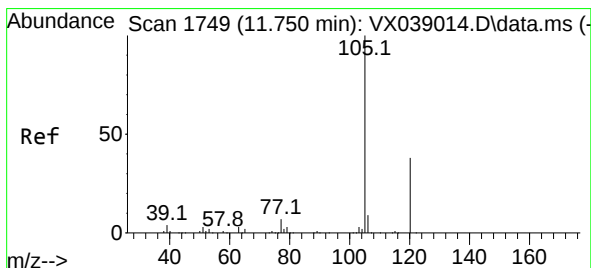
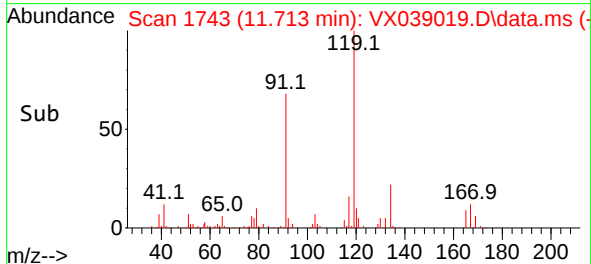
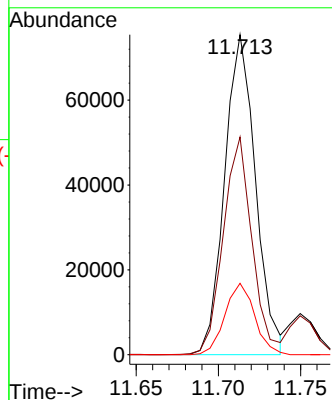
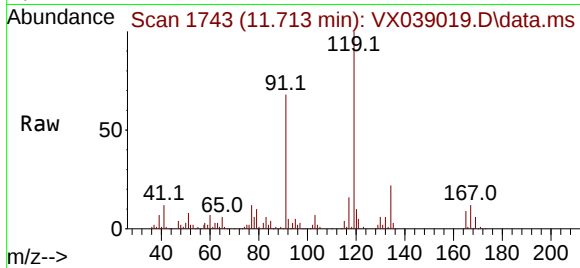
Tgt Ion:119 Resp: 9866
Ion Ratio Lower Upper
119 100
91 63.6 0.0 125.6
134 21.5 0.0 43.8

Manual Integrations
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Reviewed By :John
Carlone

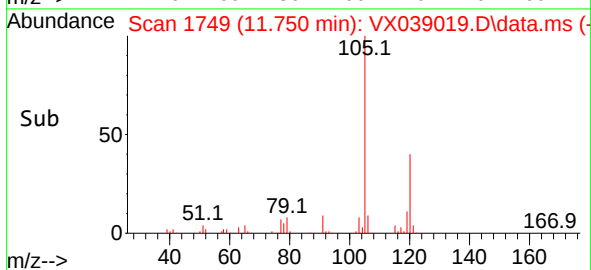
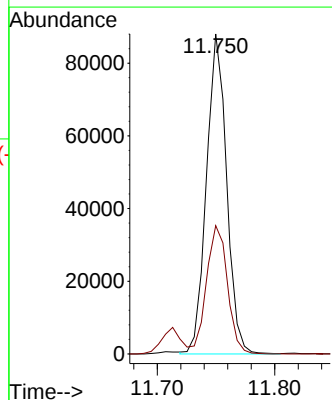
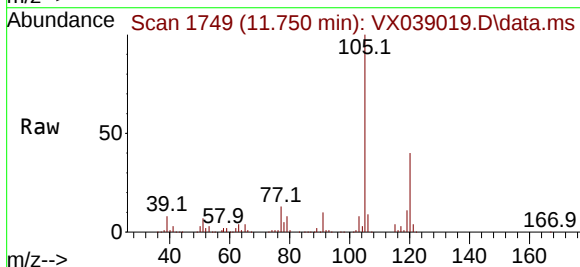
11/27/2023
Supervised By :Mahesh
Dadoda

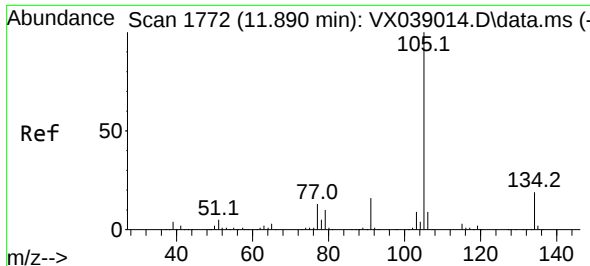
11/27/2023



#80
1,2,4-Trimethylbenzene
Concen: 11.244 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

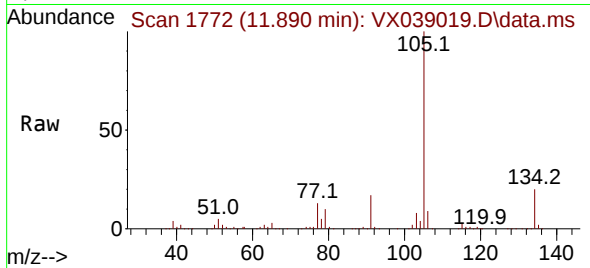
Tgt Ion:105 Resp: 104850
Ion Ratio Lower Upper
105 100
120 42.0 0.0 86.4





#81
 sec-Butylbenzene
 Concen: 11.092 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX039019.D
 Acq: 24 Nov 2023 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010



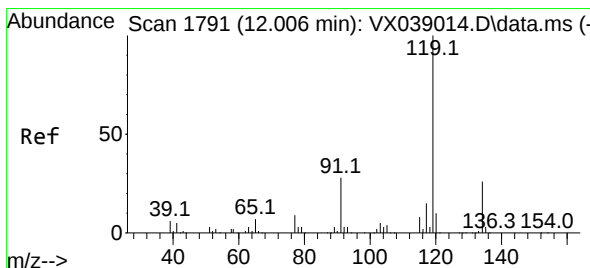
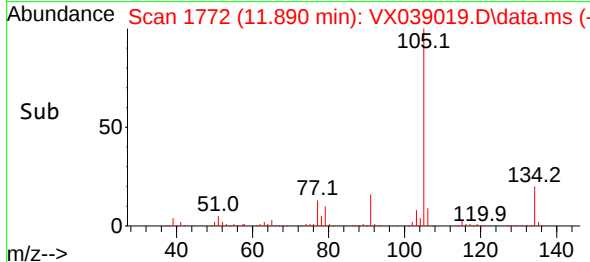
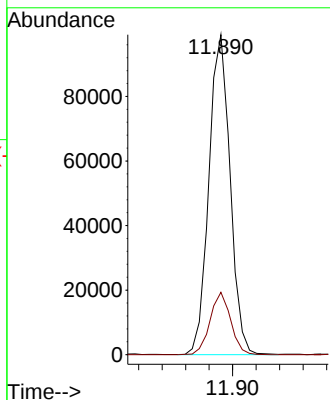
Tgt Ion:105 Resp: 12423
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 38.4

Manual Integrations
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Reviewed By :John
 Carlone

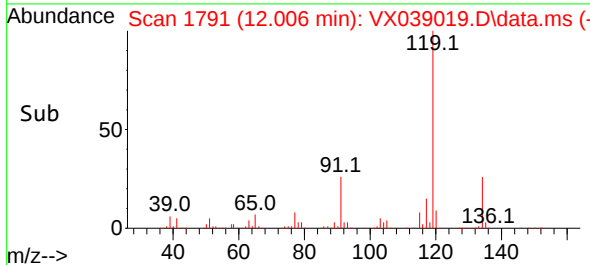
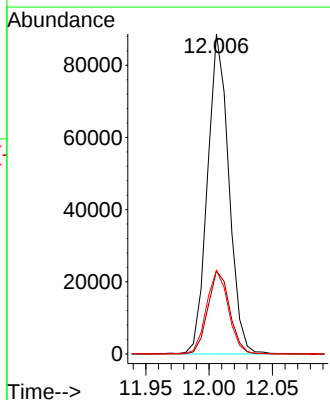
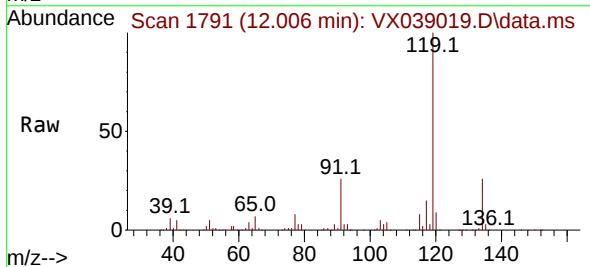
11/27/2023
 Supervised By :Mahesh
 Dadoda

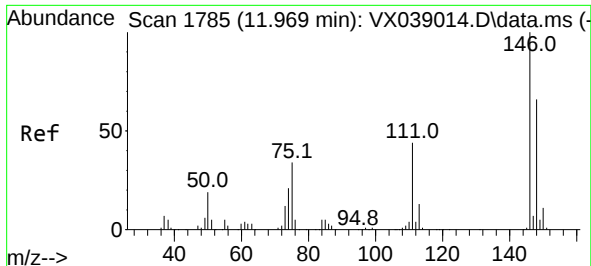
11/27/2023



#82
 p-Isopropyltoluene
 Concen: 10.951 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX039019.D
 Acq: 24 Nov 2023 12:52

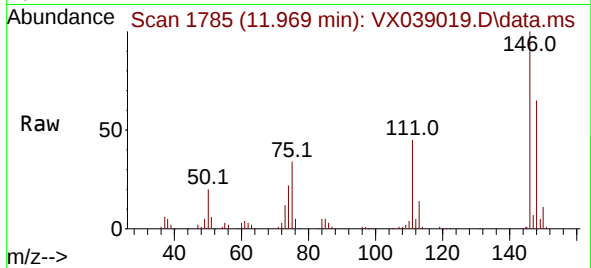
Tgt Ion:119 Resp: 103948
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 52.6
 91 26.8 0.0 54.2





#83
1,3-Dichlorobenzene
Concen: 11.051 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC010



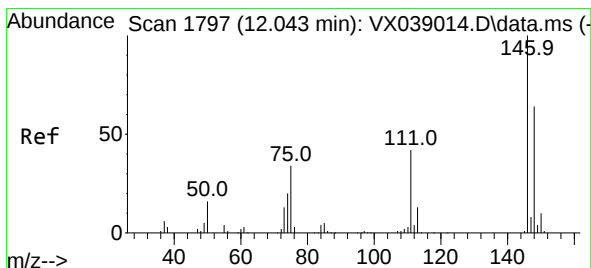
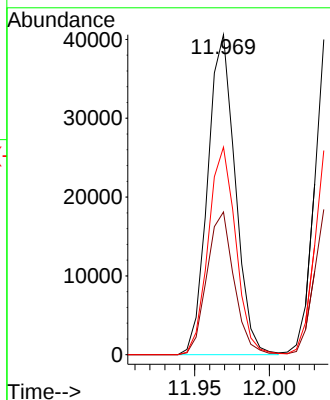
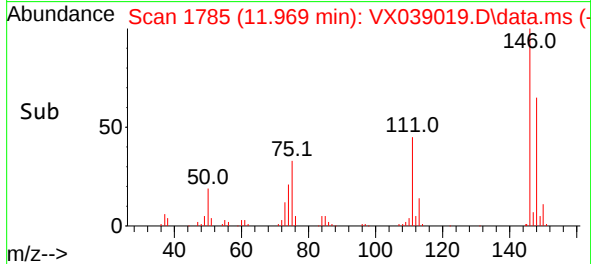
Tgt Ion:146 Resp: 5207
Ion Ratio Lower Upper
146 100
111 44.1 22.3 66.9
148 64.8 32.8 98.3

Manual Integrations
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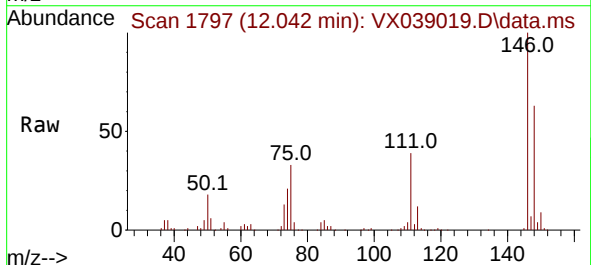
Reviewed By :John
Carlone

11/27/2023
Supervised By :Mahesh
Dadoda

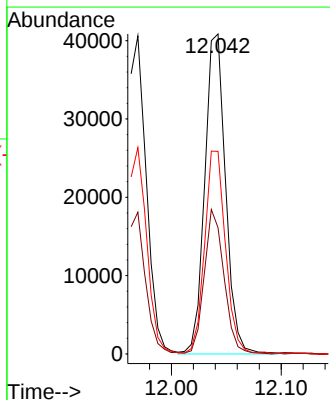
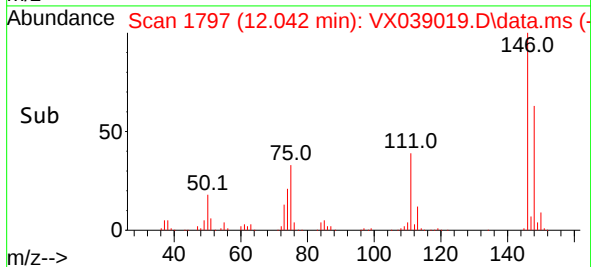
11/27/2023

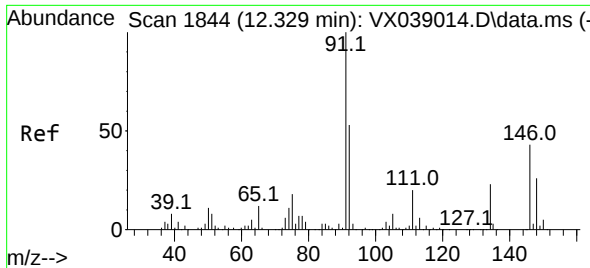


#84
1,4-Dichlorobenzene
Concen: 11.154 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52



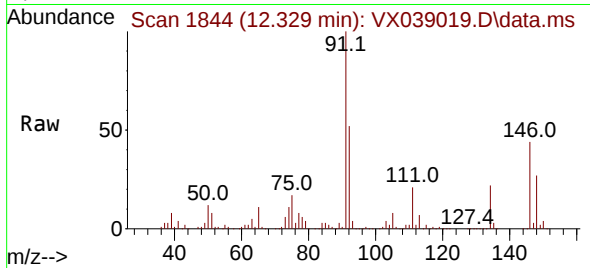
Tgt Ion:146 Resp: 53933
Ion Ratio Lower Upper
146 100
111 42.8 21.4 64.2
148 63.7 31.8 95.4





#85
n-Butylbenzene
Concen: 10.882 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



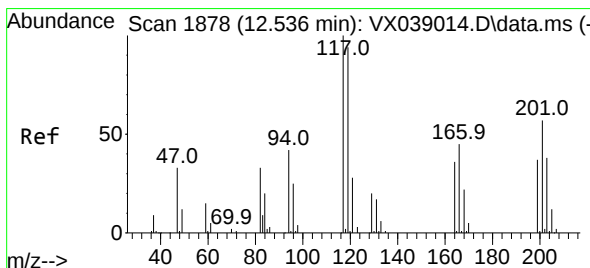
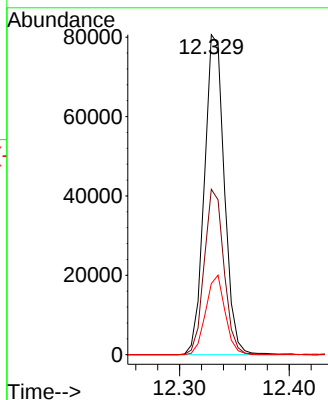
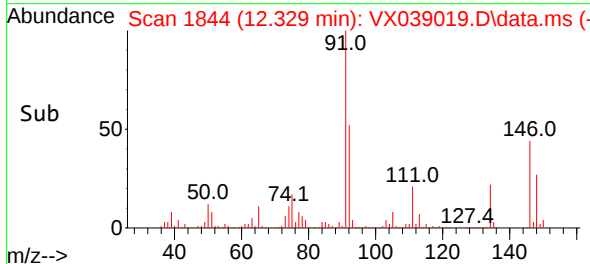
Tgt Ion: 91 Resp: 101998
Ion Ratio Lower Upper
91 100
92 51.1 0.0 106.2
134 24.0 0.0 48.8

Manual Integrations
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Reviewed By :John
Carlone

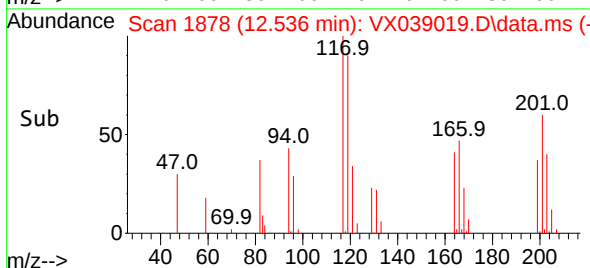
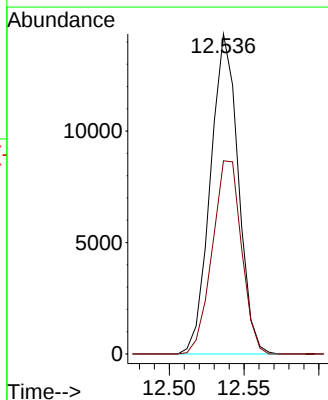
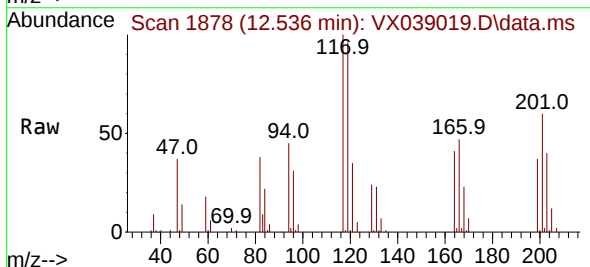
11/27/2023
Supervised By :Mahesh
Dadoda

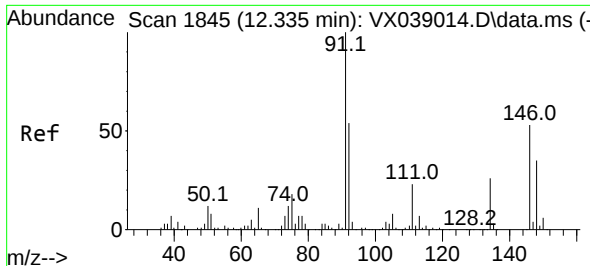
11/27/2023



#86
Hexachloroethane
Concen: 10.324 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

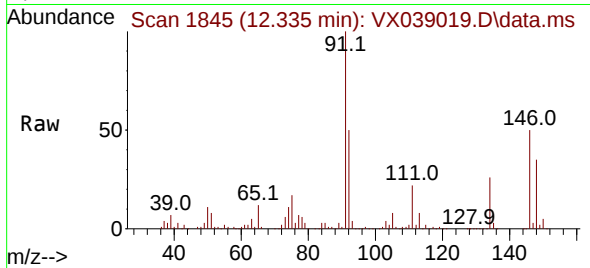
Tgt Ion:117 Resp: 18568
Ion Ratio Lower Upper
117 100
201 63.5 31.8 95.3





#87
1,2-Dichlorobenzene
Concen: 11.089 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



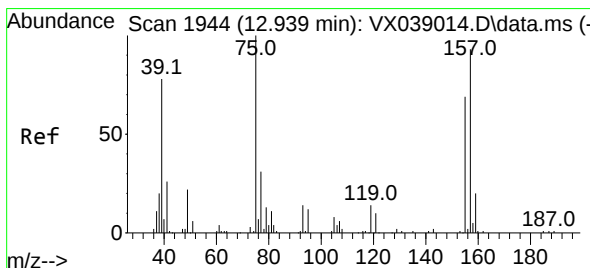
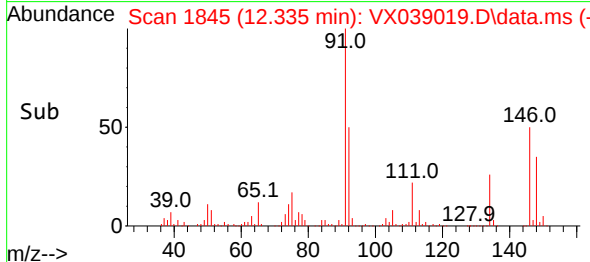
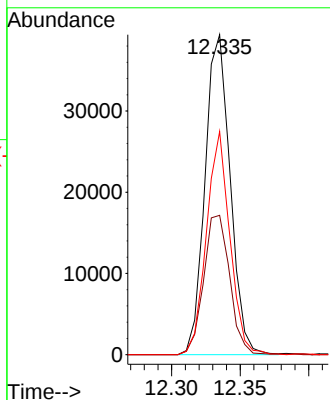
Tgt Ion:146 Resp: 50240
Ion Ratio Lower Upper
146 100
111 45.1 22.4 67.2
148 64.9 31.9 95.7

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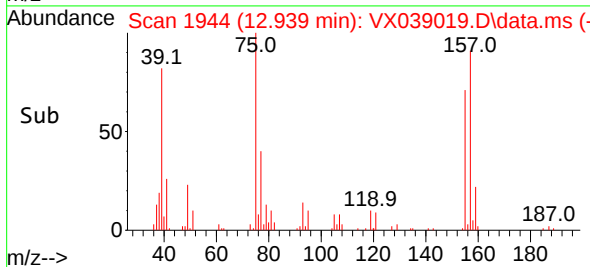
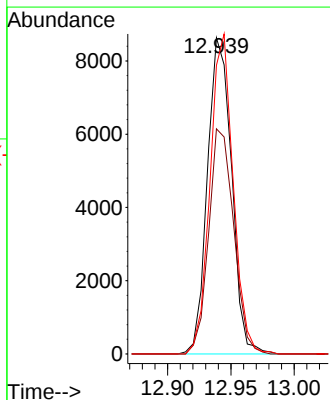
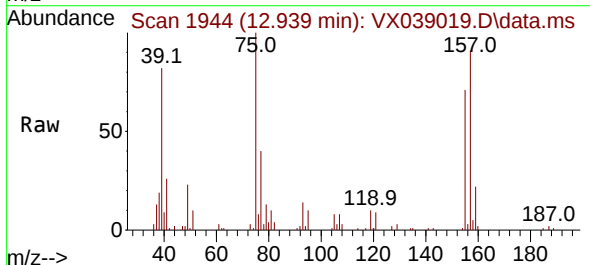
11/27/2023
Supervised By :Mahesh
Dadoda

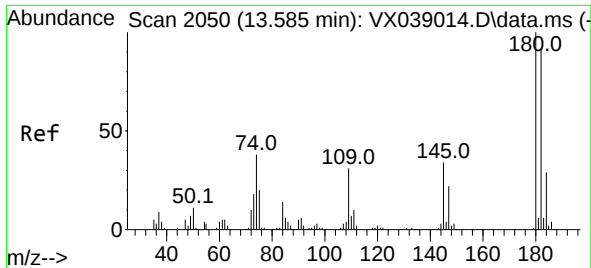
11/27/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 11.083 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Tgt Ion: 75 Resp: 11444
Ion Ratio Lower Upper
75 100
155 73.9 58.2 87.4
157 96.9 76.5 114.7





#89
1,2,4-Trichlorobenzene
Concen: 11.325 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC010

Tgt Ion:180 Resp: 34024
Ion Ratio Lower Upper
180 100
182 89.5 74.5 111.7
145 32.4 26.6 40.0

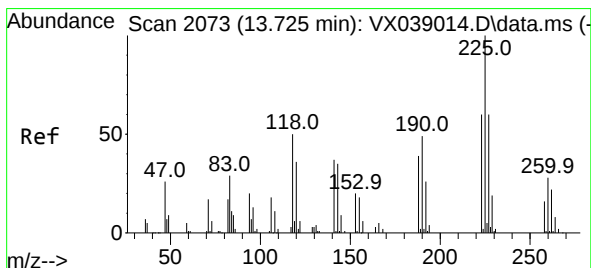
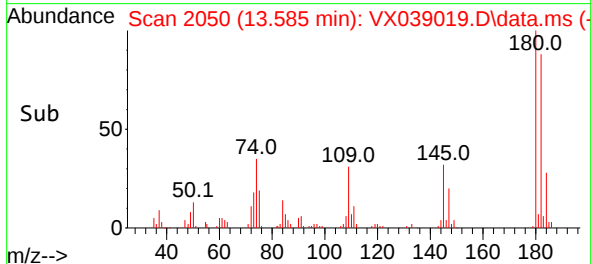
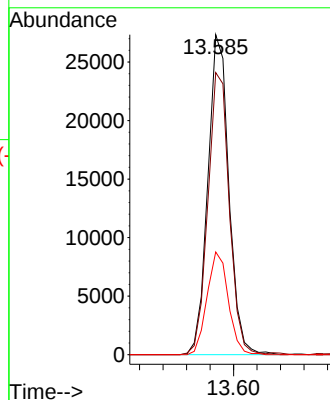
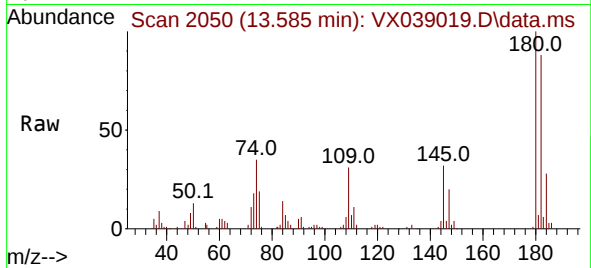
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Reviewed By :John
Carlone

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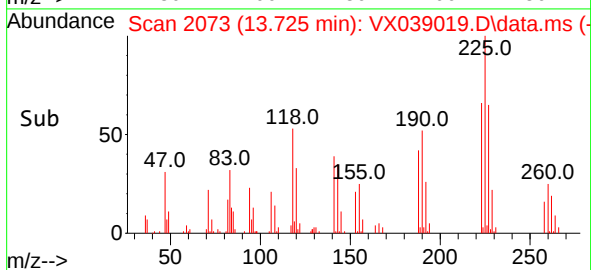
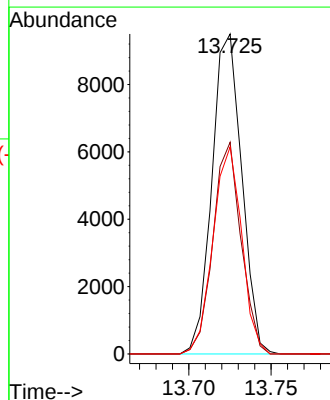
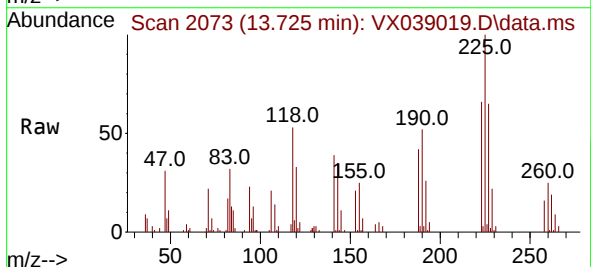
Supervised By :Mahesh
Dadoda

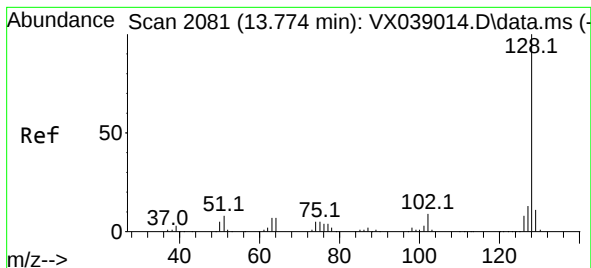
11/27/2023



#90
Hexachlorobutadiene
Concen: 11.192 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

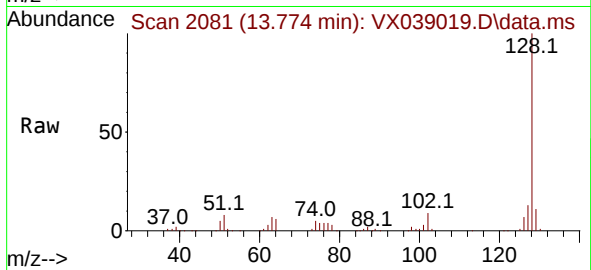
Tgt Ion:225 Resp: 12006
Ion Ratio Lower Upper
225 100
223 62.4 0.0 124.4
227 62.2 0.0 124.4





#91
Naphthalene
Concen: 10.820 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010



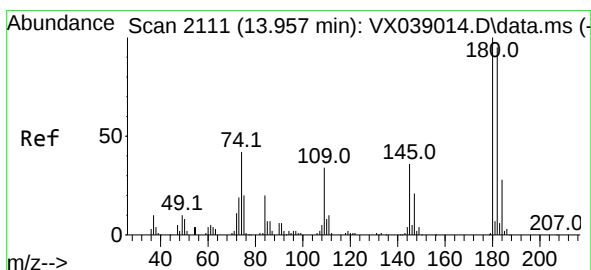
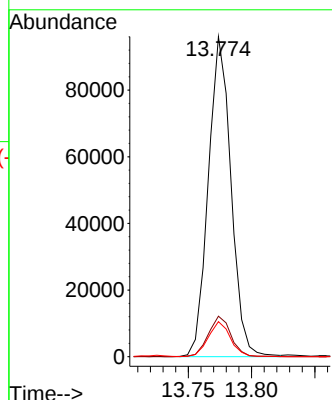
Tgt Ion:128 Resp: 11988
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.6 8.6 12.8

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: 11.009 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX039019.D
Acq: 24 Nov 2023 12:52

Tgt Ion:180 Resp: 32036
Ion Ratio Lower Upper
180 100
182 93.5 0.0 191.6
145 36.5 0.0 69.6

