

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091722\
 Data File : VN074572.D
 Acq On : 17 Sep 2022 21:45
 Operator : JC\MD
 Sample : N4663-07MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HW-43MS

Quant Time: Sep 19 02:59:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 09/19/2022

Supervised By :Mahesh
 Dadoda
 09/19/2022

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	200542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	381727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	351403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	170174	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.369	65	178304	52.401	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.800%	
35) Dibromofluoromethane	7.951	113	133151	52.510	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.020%	
50) Toluene-d8	10.380	98	501952	51.185	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.360%	
62) 4-Bromofluorobenzene	12.674	95	181687	54.094	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.180%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	85596	39.218	ug/l	99
3) Chloromethane	2.263	50	184408	50.231	ug/l	96
4) Vinyl Chloride	2.405	62	246760	62.811	ug/l	99
5) Bromomethane	2.775	94	176969	85.417	ug/l	100
6) Chloroethane	2.952	64	181730	67.721	ug/l	98
7) Trichlorofluoromethane	3.304	101	186560	43.002	ug/l	96
8) Diethyl Ether	3.763	74	95522	43.176	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.134	101	123187	45.896	ug/l	90
10) Methyl Iodide	4.346	142	147523	46.592	ug/l	94
11) Tert butyl alcohol	5.287	59	223273	201.431	ug/l	100
12) 1,1-Dichloroethene	4.104	96	117147	44.390	ug/l	85
13) Acrolein	3.975	56	93521	231.037	ug/l	98
14) Allyl chloride	4.757	41	290980	46.138	ug/l #	94
15) Acrylonitrile	5.469	53	621885	249.730	ug/l	98
16) Acetone	4.216	43	534175	245.330	ug/l	96
17) Carbon Disulfide	4.451	76	303199	41.864	ug/l	97
18) Methyl Acetate	4.769	43	303644	44.899	ug/l #	89
19) Methyl tert-butyl Ether	5.534	73	520191	46.731	ug/l	97
20) Methylene Chloride	5.010	84	155798	46.870	ug/l #	72
21) trans-1,2-Dichloroethene	5.510	96	132486	45.705	ug/l	90
22) Diisopropyl ether	6.410	45	640934	50.610	ug/l #	91
23) Vinyl Acetate	6.351	43	2698460	241.584	ug/l #	90
24) 1,1-Dichloroethane	6.298	63	304414	48.088	ug/l	99
25) 2-Butanone	7.257	43	956160	264.490	ug/l #	88
26) 2,2-Dichloropropane	7.245	77	165320	30.291	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	168811	45.461	ug/l	92
28) Bromochloromethane	7.581	49	92801	49.781	ug/l #	66
29) Tetrahydrofuran	7.610	42	630868	265.418	ug/l #	83
30) Chloroform	7.745	83	293577	50.246	ug/l	94
31) Cyclohexane	8.022	56	274955	45.525	ug/l	86
32) 1,1,1-Trichloroethane	7.945	97	241265	47.081	ug/l	94
36) 1,1-Dichloropropene	8.151	75	211166	47.047	ug/l	94
37) Ethyl Acetate	7.334	43	340667	49.147	ug/l #	92
38) Carbon Tetrachloride	8.134	117	192992	46.571	ug/l	99
39) Methylcyclohexane	9.392	83	241398	45.230	ug/l	92
40) Benzene	8.392	78	683537	49.249	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	166704	49.745	ug/l	87
42) 1,2-Dichloroethane	8.463	62	237810	49.930	ug/l	99
43) Isopropyl Acetate	8.492	43	547692	50.444	ug/l #	90
44) Trichloroethene	9.151	130	141893	47.246	ug/l	95
45) 1,2-Dichloropropane	9.428	63	189622	49.713	ug/l	97
46) Dibromomethane	9.516	93	115617	48.397	ug/l #	84
47) Bromodichloromethane	9.698	83	238751	50.975	ug/l #	98
48) Methyl methacrylate	9.498	41	240383	49.931	ug/l #	82
49) 1,4-Dioxane	9.504	88	86141	930.667	ug/l #	90
51) 4-Methyl-2-Pentanone	10.269	43	2014035	284.061	ug/l	87
52) Toluene	10.445	92	420775	51.700	ug/l	99
53) t-1,3-Dichloropropene	10.663	75	248718	45.564	ug/l	96
54) cis-1,3-Dichloropropene	10.128	75	267871	45.856	ug/l #	85
55) 1,1,2-Trichloroethane	10.839	97	170310	49.402	ug/l	98
56) Ethyl methacrylate	10.704	69	310766	50.465	ug/l #	76
57) 1,3-Dichloropropane	10.986	76	309304	51.172	ug/l	100
59) 2-Hexanone	11.027	43	1552119	286.764	ug/l	86
60) Dibromochloromethane	11.180	129	166543	50.464	ug/l	99
61) 1,2-Dibromoethane	11.286	107	166163	49.615	ug/l	98
64) Tetrachloroethene	10.922	164	113045	46.876	ug/l	91
65) Chlorobenzene	11.710	112	427392	48.447	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.780	131	156056	48.688	ug/l	98
67) Ethyl Benzene	11.786	91	804007	49.640	ug/l	98
68) m/p-Xylenes	11.898	106	605293	101.078	ug/l	95
69) o-Xylene	12.222	106	311530	51.023	ug/l	98
70) Styrene	12.233	104	495125	48.749	ug/l	98
71) Bromoform	12.398	173	120103	50.983	ug/l #	98
73) Isopropylbenzene	12.521	105	788635	45.260	ug/l	97
74) N-amyl acetate	12.333	43	496717	45.593	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.769	83	320881	45.954	ug/l	97
76) 1,2,3-Trichloropropane	12.821	75	231061m	44.112	ug/l	
77) Bromobenzene	12.804	156	163819	44.012	ug/l	74
78) n-propylbenzene	12.863	91	968879	46.687	ug/l	96
79) 2-Chlorotoluene	12.951	91	554918	44.792	ug/l	96
80) 1,3,5-Trimethylbenzene	13.004	105	655860	46.174	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.569	75	91264	37.605	ug/l	90
82) 4-Chlorotoluene	13.045	91	546058	46.372	ug/l	98
83) tert-Butylbenzene	13.269	119	589037	45.566	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	661061	46.246	ug/l	99
85) sec-Butylbenzene	13.445	105	859551	48.426	ug/l	97
86) p-Isopropyltoluene	13.557	119	677023	48.926	ug/l	96
87) 1,3-Dichlorobenzene	13.557	146	326206	47.692	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	313149	45.553	ug/l	98
89) n-Butylbenzene	13.886	91	615087	49.315	ug/l	96
90) Hexachloroethane	14.151	117	131644	43.723	ug/l	73
91) 1,2-Dichlorobenzene	13.933	146	319068	44.965	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	66400	43.064	ug/l	80
93) 1,2,4-Trichlorobenzene	15.198	180	163628	48.402	ug/l	97
94) Hexachlorobutadiene	15.304	225	68300	45.970	ug/l	98
95) Naphthalene	15.439	128	679695	46.769	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	161119	46.099	ug/l	95

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Instrument :
MSVOA_N
ClientSampleId :
HW-43MS

Manual Integrations
APPROVED

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

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

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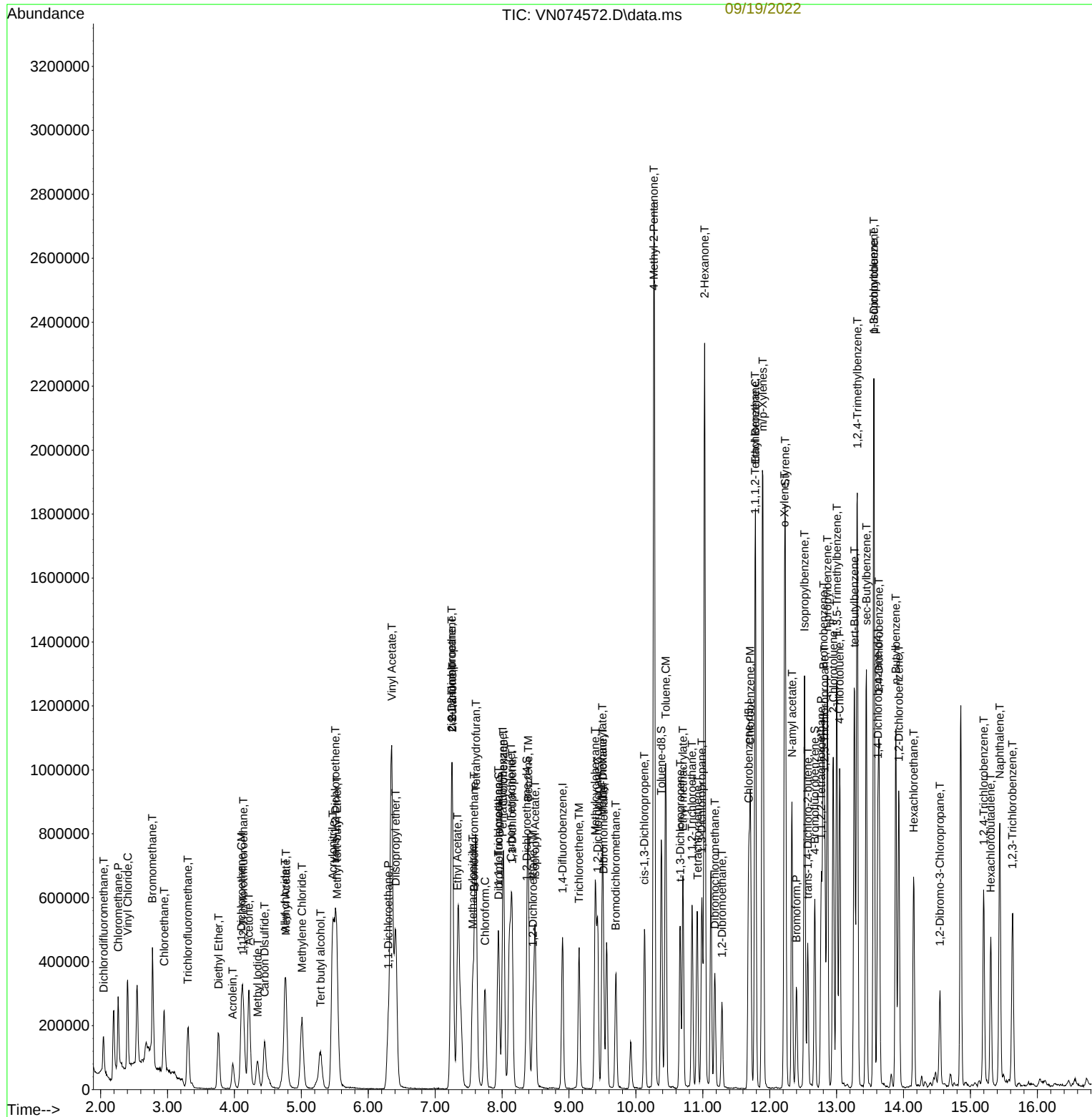
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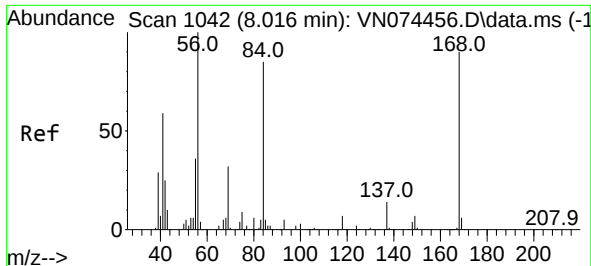
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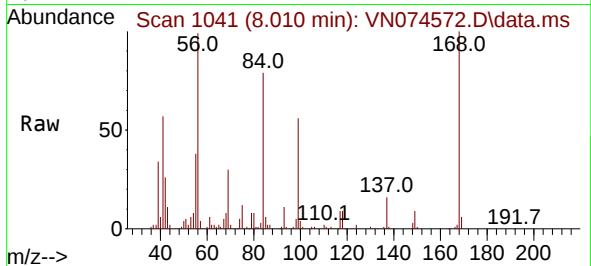
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074572.D
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Client Sample Id :
HW-43MS

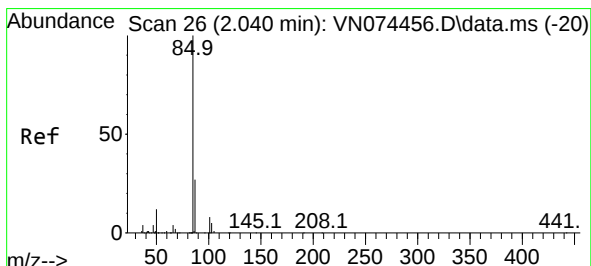
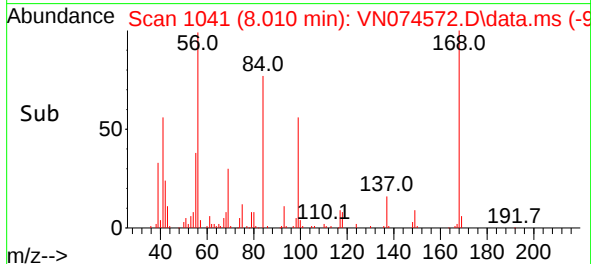
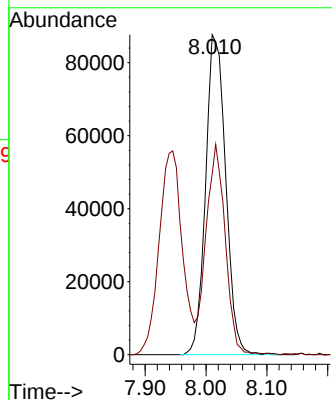


Tgt Ion: 168 Resp: 200542
Ion Ratio Lower Upper
168 100
99 56.5 42.3 63.5

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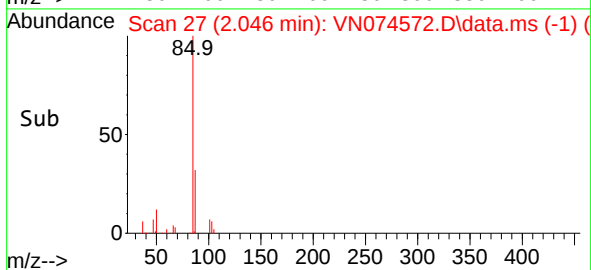
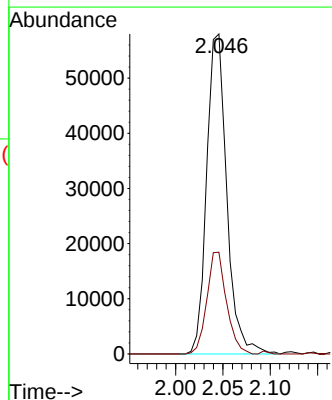
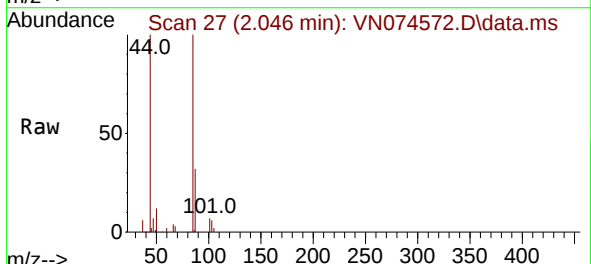
Reviewed By : John
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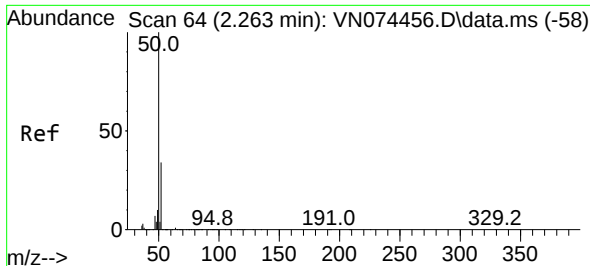
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#2
Dichlorodifluoromethane
Concen: 39.218 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.006 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

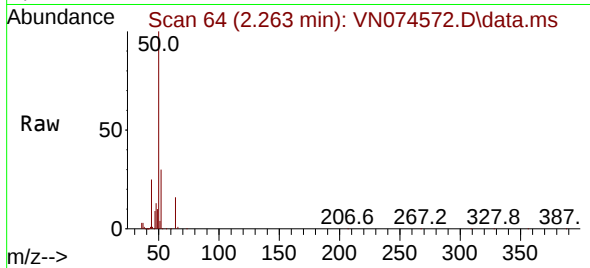
Tgt Ion: 85 Resp: 85596
Ion Ratio Lower Upper
85 100
87 31.8 15.7 47.1





#3
Chloromethane
Concen: 50.231 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

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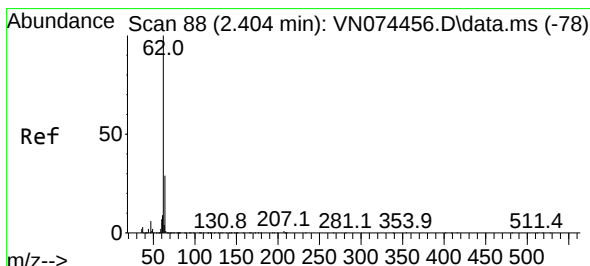
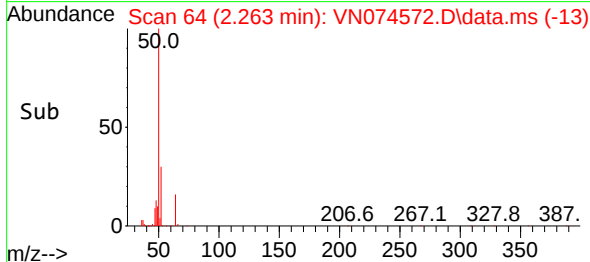
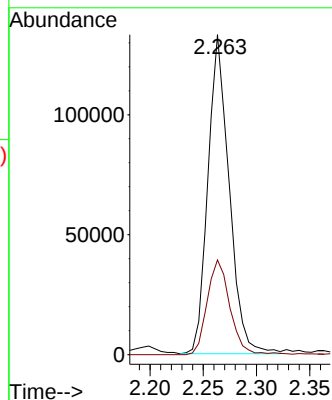


Tgt Ion: 50 Resp: 184408
Ion Ratio Lower Upper
50 100
52 29.7 25.7 38.5

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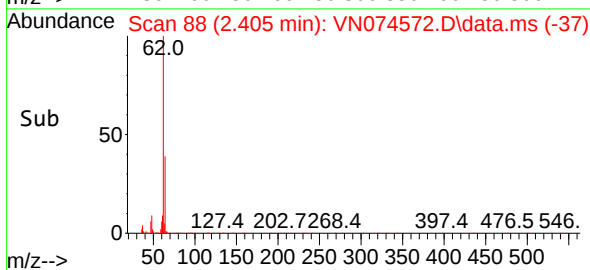
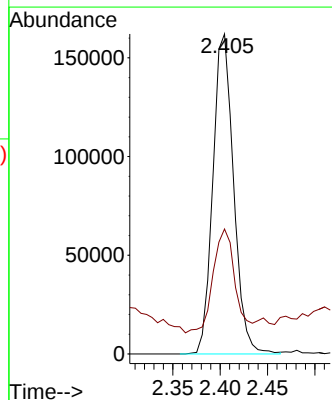
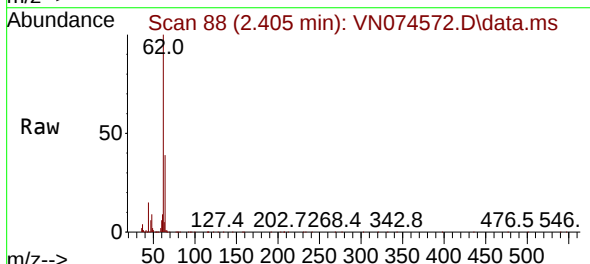
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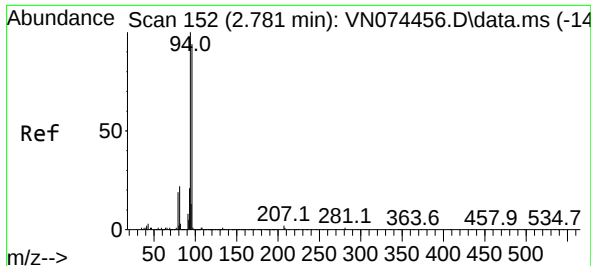
Supervised By :Mahesh
Dadoda
09/19/2022



#4
Vinyl Chloride
Concen: 62.811 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.001 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

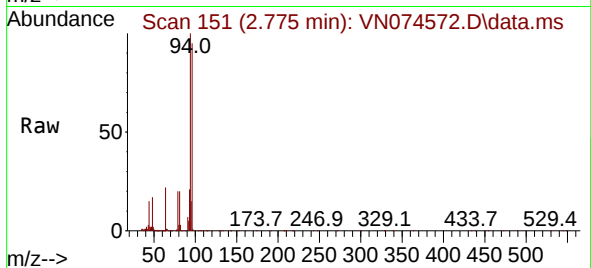
Tgt Ion: 62 Resp: 246760
Ion Ratio Lower Upper
62 100
64 30.5 25.0 37.4





#5
Bromomethane
Concen: 85.417 ug/l
RT: 2.775 min Scan# 152
Delta R.T. -0.006 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

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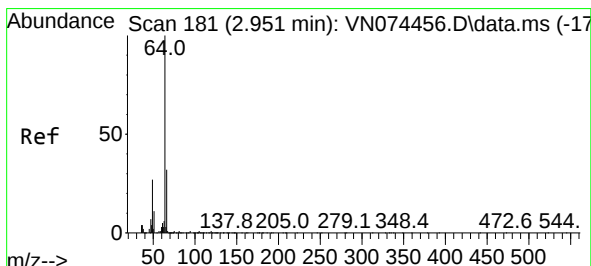
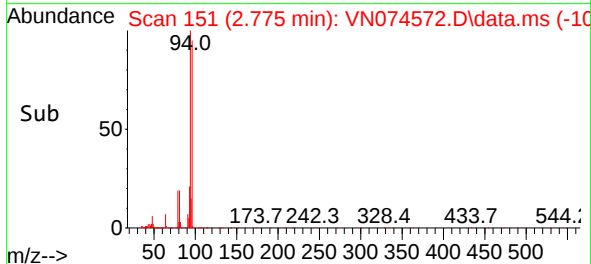
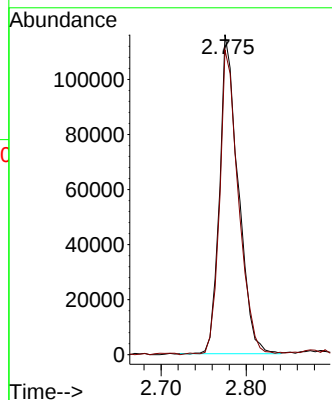


Tgt Ion: 94 Resp: 176969
Ion Ratio Lower Upper
94 100
96 95.4 76.0 114.0

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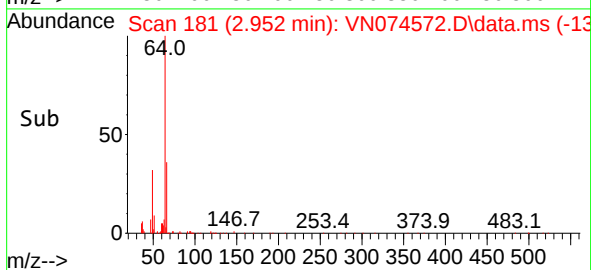
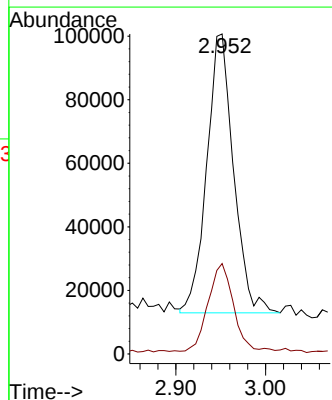
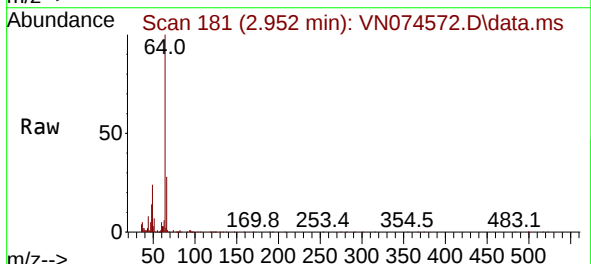
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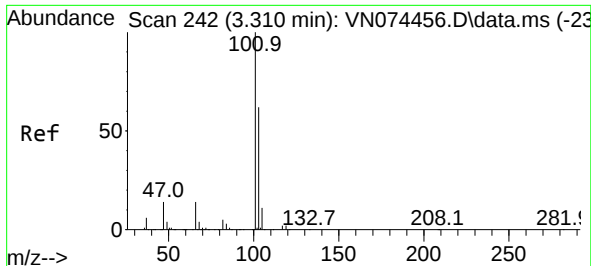
Supervised By :Mahesh
Dadoda
09/19/2022



#6
Chloroethane
Concen: 67.721 ug/l
RT: 2.952 min Scan# 181
Delta R.T. 0.001 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

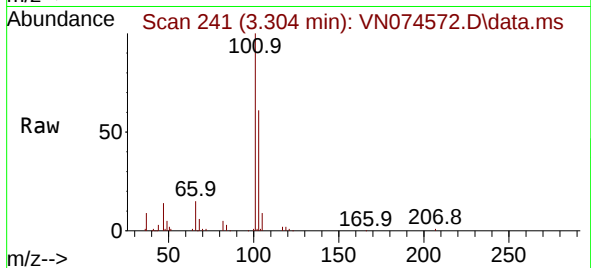
Tgt Ion: 64 Resp: 181730
Ion Ratio Lower Upper
64 100
66 31.5 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 43.002 ug/l
 RT: 3.304 min Scan# 241
 Delta R.T. -0.006 min
 Lab File: VN074572.D
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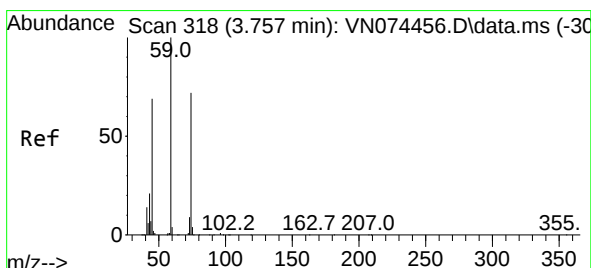
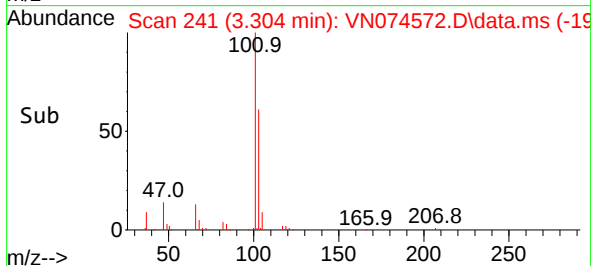
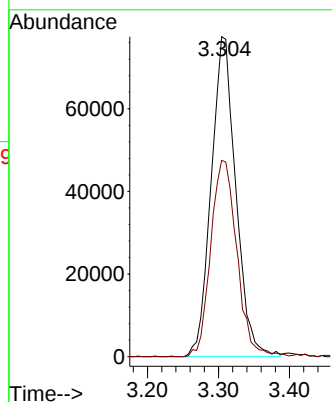


Tgt Ion:101 Resp: 186560
 Ion Ratio Lower Upper
 101 100
 103 61.4 51.5 77.3

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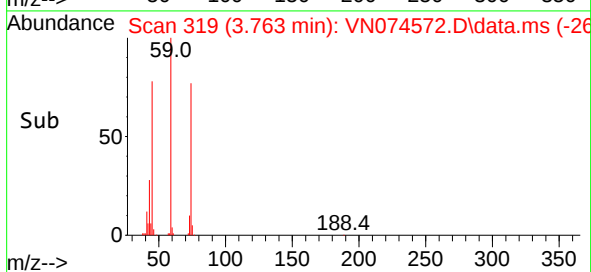
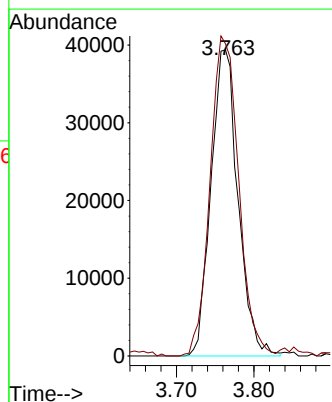
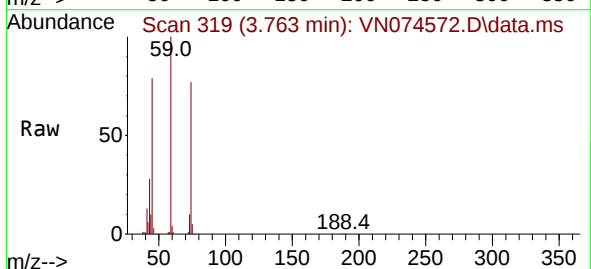
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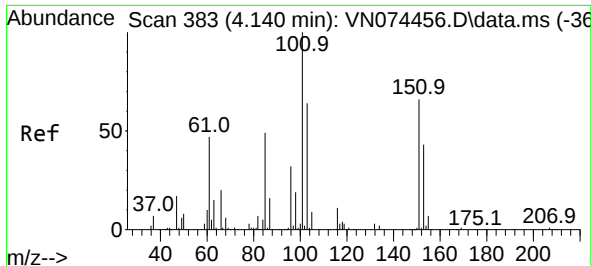
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 Dadoda
 09/19/2022



#8
 Diethyl Ether
 Concen: 43.176 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.006 min
 Lab File: VN074572.D
 Acq: 17 Sep 2022 21:45

Tgt Ion: 74 Resp: 95522
 Ion Ratio Lower Upper
 74 100
 45 110.2 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.896 ug/l
RT: 4.134 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

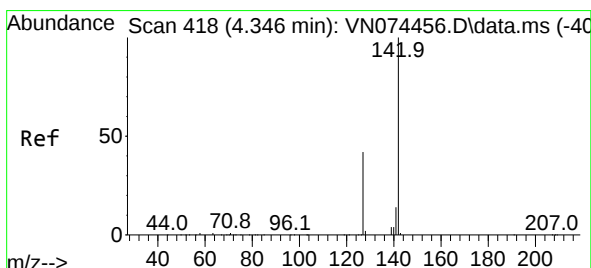
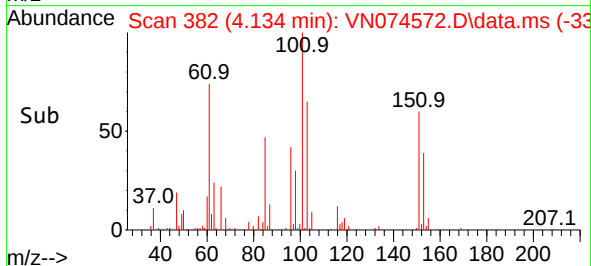
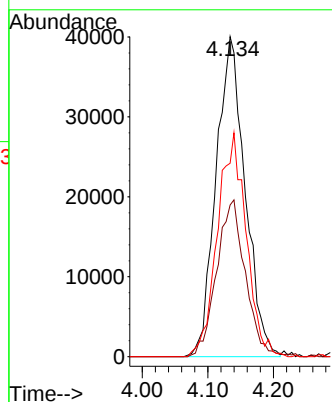
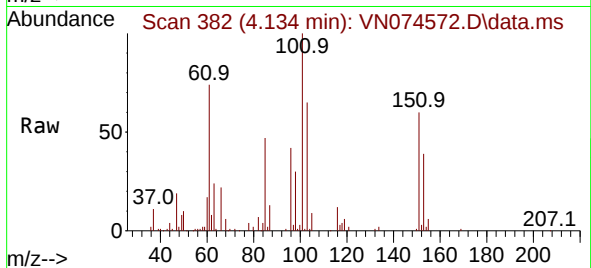
Instrument :
MSVOA_N
Client Sample Id :
HW-43MS

Tgt Ion:101 Resp: 12318
Ion Ratio Lower Upper
101 100
85 48.3 34.7 52.1
151 69.1 63.0 94.4

Manual Integrations
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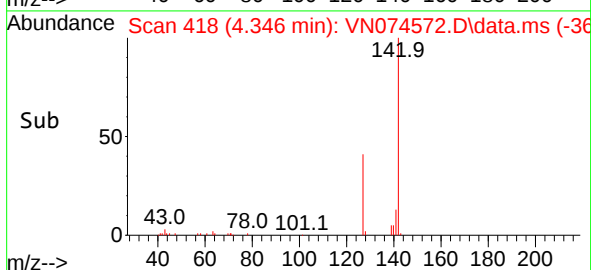
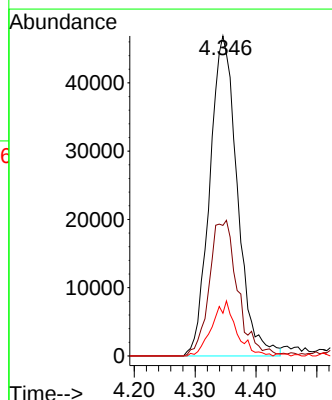
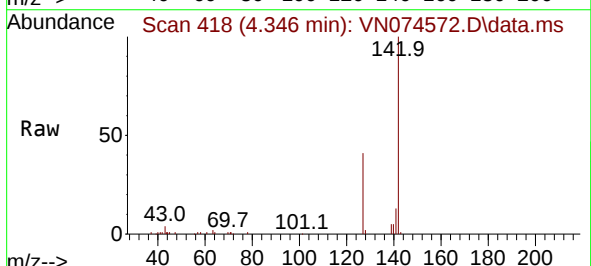
Reviewed By :John
Carlone
09/19/2022

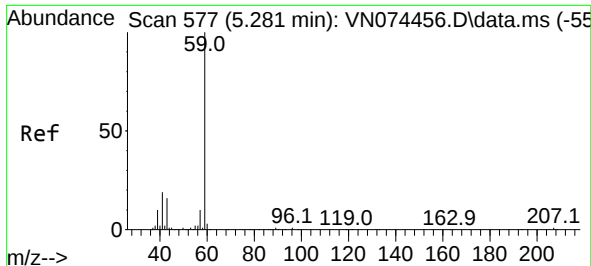
Supervised By :Mahesh
Dadoda
09/19/2022



#10
Methyl Iodide
Concen: 46.592 ug/l
RT: 4.346 min Scan# 418
Delta R.T. -0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

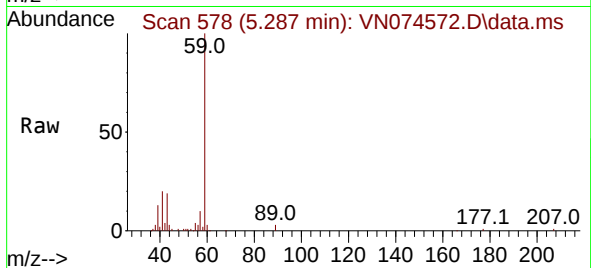
Tgt Ion:142 Resp: 147523
Ion Ratio Lower Upper
142 100
127 43.4 31.3 46.9
141 15.2 11.2 16.8





#11
Tert butyl alcohol
Concen: 201.431 ug/l
RT: 5.287 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Instrument :
MSVOA_N
ClientSampleId :
HW-43MS

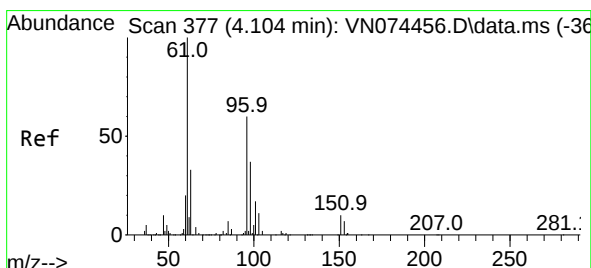
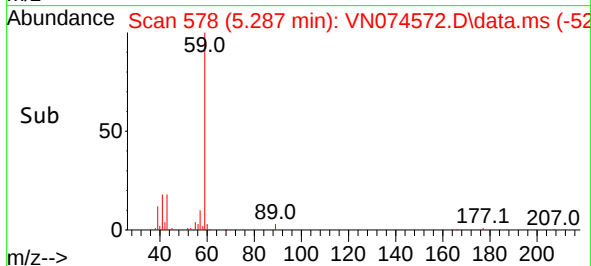
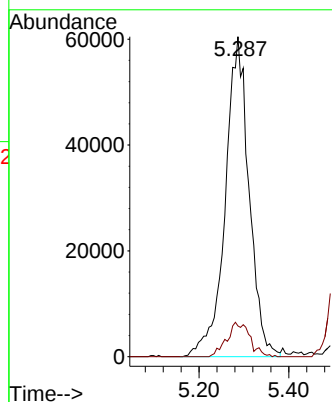


Tgt Ion: 59 Resp: 22327
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

Manual Integrations
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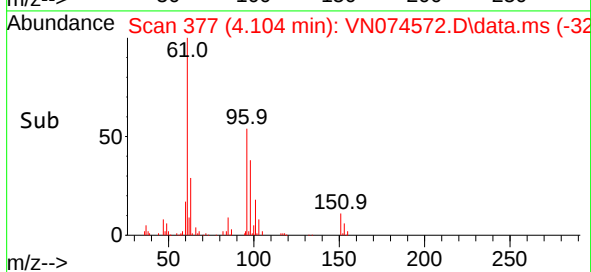
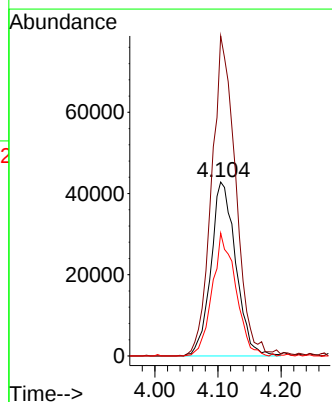
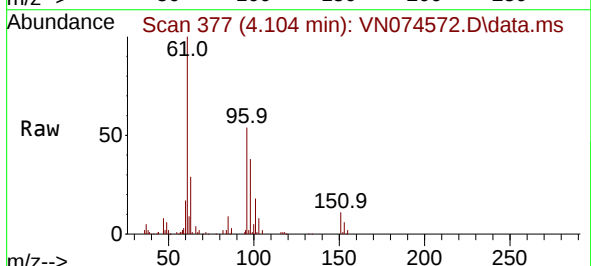
Reviewed By :John
Carlone
09/19/2022

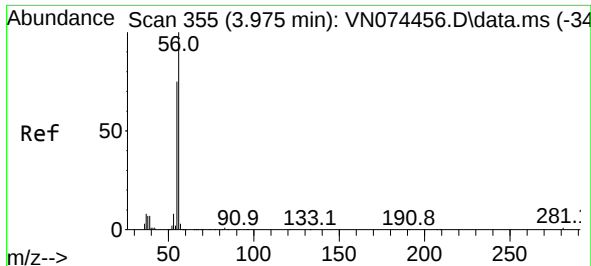
Supervised By :Mahesh
Dadoda
09/19/2022



#12
1,1-Dichloroethene
Concen: 44.390 ug/l
RT: 4.104 min Scan# 377
Delta R.T. 0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

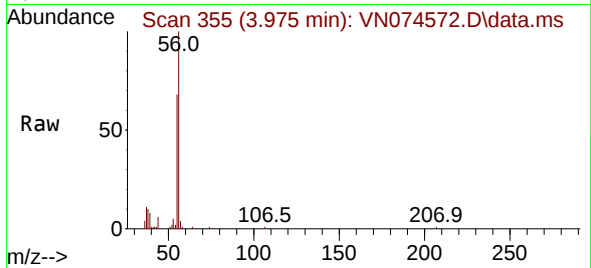
Tgt Ion: 96 Resp: 117147
Ion Ratio Lower Upper
96 100
61 183.5 127.6 191.4
98 70.6 51.2 76.8





#13
Acrolein
Concen: 231.037 ug/l
RT: 3.975 min Scan# 355
Delta R.T. -0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Instrument :
MSVOA_N
ClientSampleId :
HW-43MS

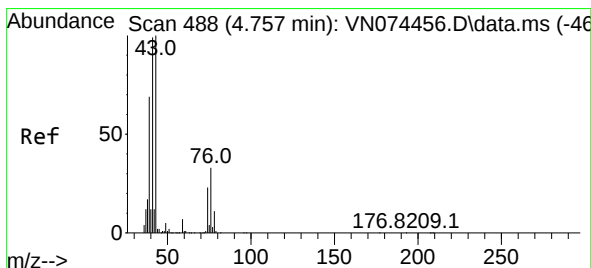
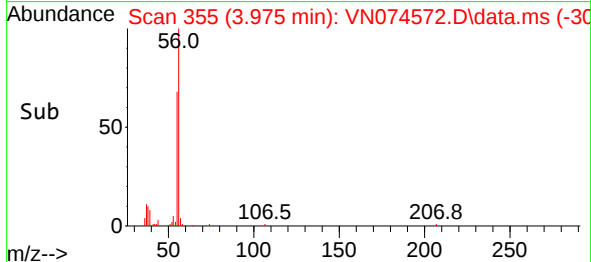
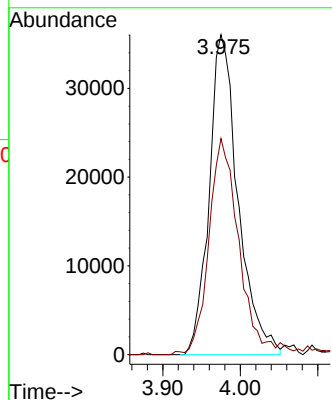


Tgt Ion: 56 Resp: 9352
Ion Ratio Lower Upper
56 100
55 70.3 54.8 82.2

Manual Integrations
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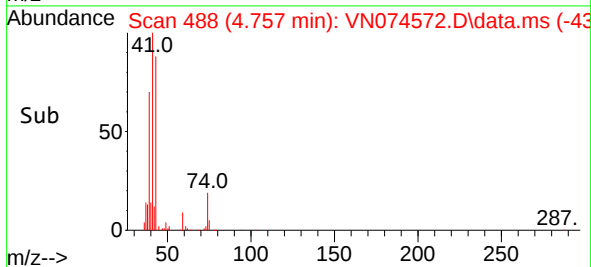
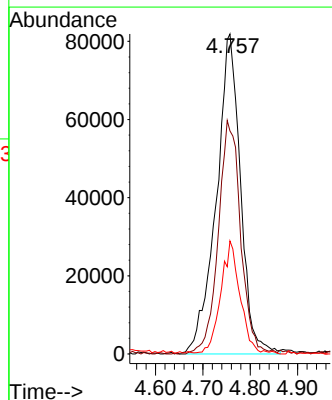
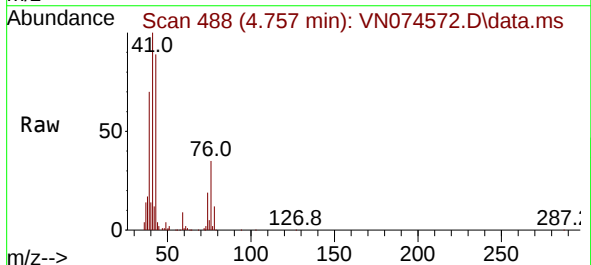
Reviewed By :John
Carlone
09/19/2022

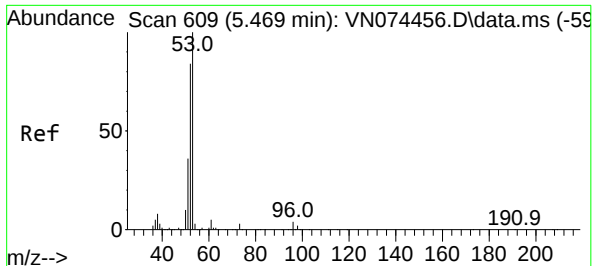
Supervised By :Mahesh
Dadoda
09/19/2022



#14
Allyl chloride
Concen: 46.138 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

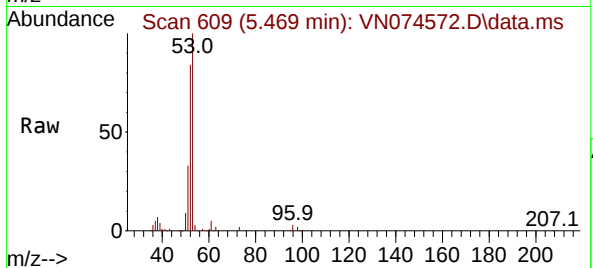
Tgt Ion: 41 Resp: 290980
Ion Ratio Lower Upper
41 100
39 67.3 53.2 79.8
76 28.6 29.9 44.9





#15
Acrylonitrile
Concen: 249.730 ug/l
RT: 5.469 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Instrument :
MSVOA_N
ClientSampleId :
HW-43MS

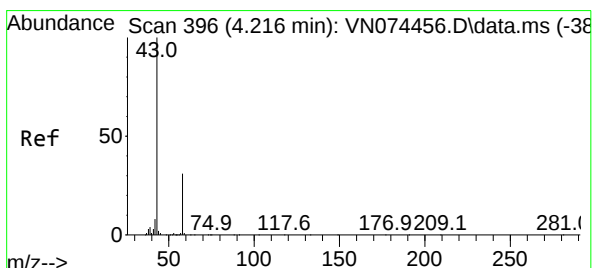
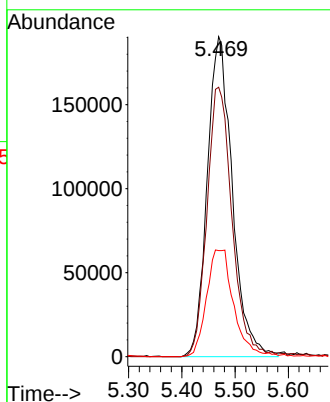
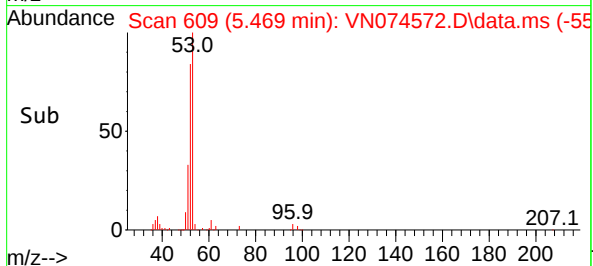


Tgt Ion: 53 Resp: 62188
Ion Ratio Lower Upper
53 100
52 84.9 66.4 99.6
51 36.3 28.5 42.7

Manual Integrations
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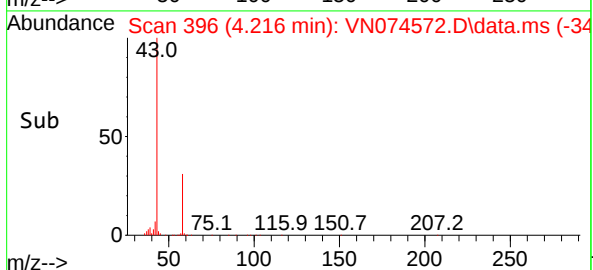
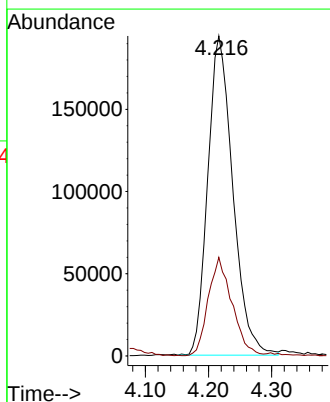
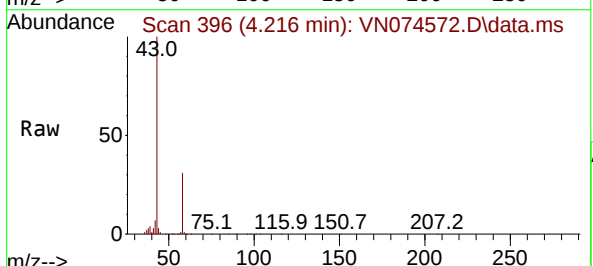
Reviewed By :John
Carlone
09/19/2022

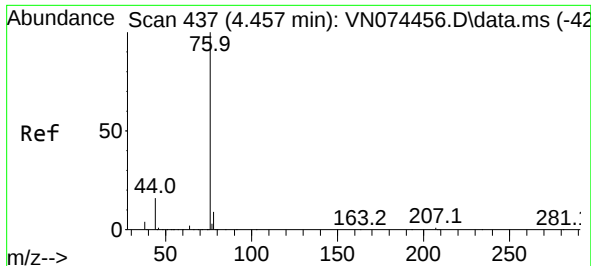
Supervised By :Mahesh
Dadoda
09/19/2022



#16
Acetone
Concen: 245.330 ug/l
RT: 4.216 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

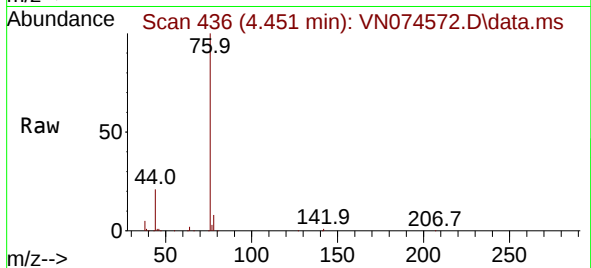
Tgt Ion: 43 Resp: 534175
Ion Ratio Lower Upper
43 100
58 30.4 26.0 39.0





#17
Carbon Disulfide
Concen: 41.864 ug/l
RT: 4.451 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Instrument :
MSVOA_N
ClientSampleId :
HW-43MS

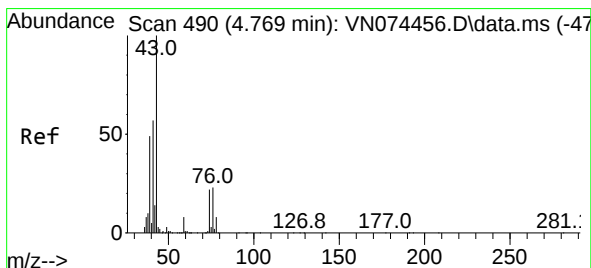
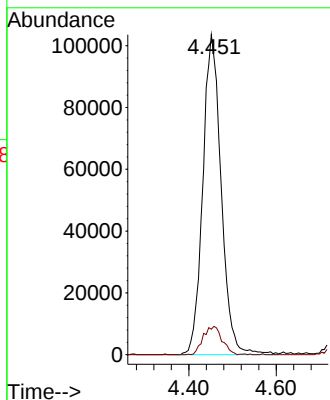
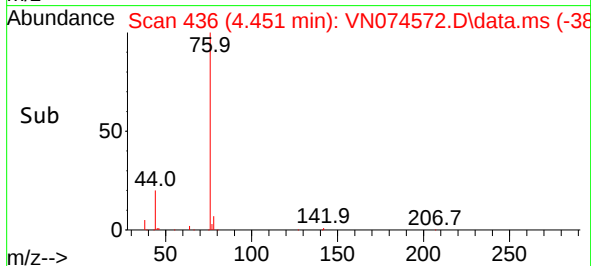


Tgt Ion: 76 Resp: 303199
Ion Ratio Lower Upper
76 100
78 7.9 7.2 10.8

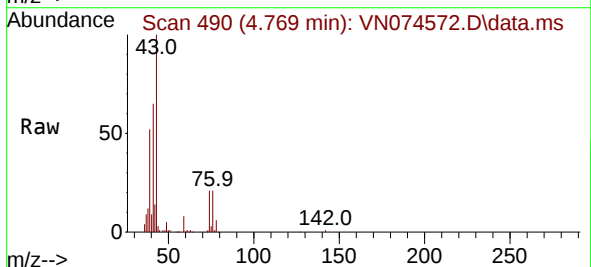
Manual Integrations
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Reviewed By :John
Carlone
09/19/2022

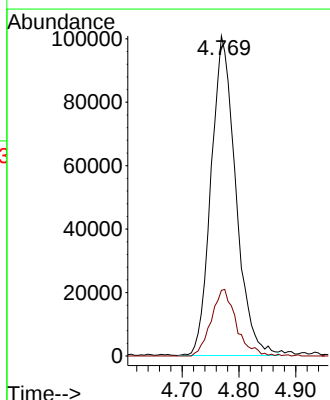
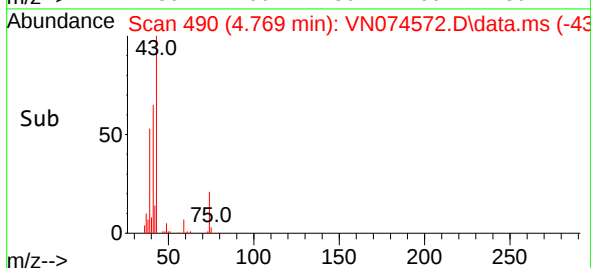
Supervised By :Mahesh
Dadoda
09/19/2022

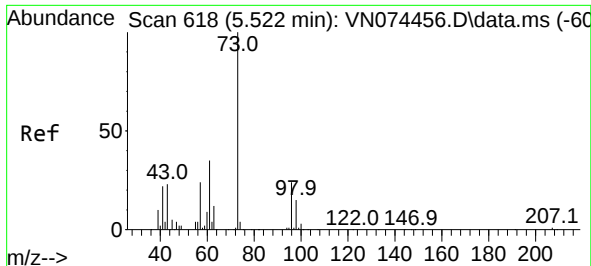


#18
Methyl Acetate
Concen: 44.899 ug/l
RT: 4.769 min Scan# 490
Delta R.T. 0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45



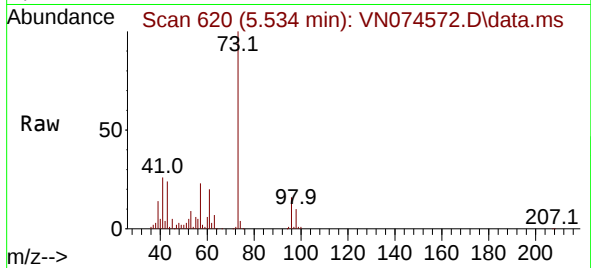
Tgt Ion: 43 Resp: 303644
Ion Ratio Lower Upper
43 100
74 21.3 21.6 32.4#





#19
Methyl tert-butyl Ether
Concen: 46.731 ug/l
RT: 5.534 min Scan# 618
Delta R.T. 0.012 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Instrument :
MSVOA_N
Client Sample Id :
HW-43MS

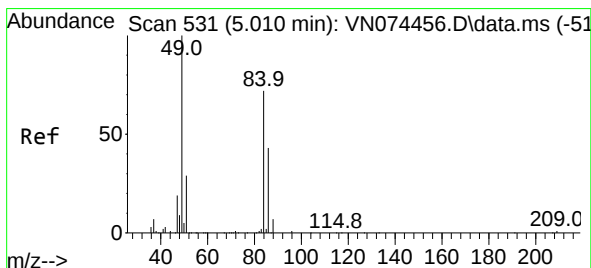
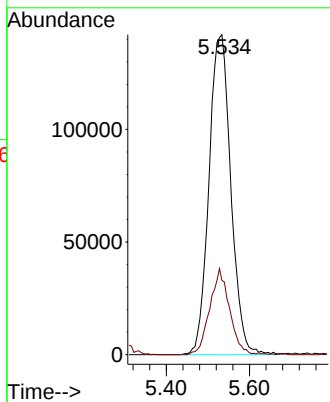
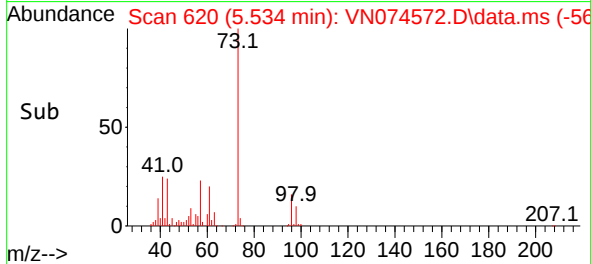


Tgt Ion: 73 Resp: 52019
Ion Ratio Lower Upper
73 100
57 23.3 17.6 26.4

Manual Integrations
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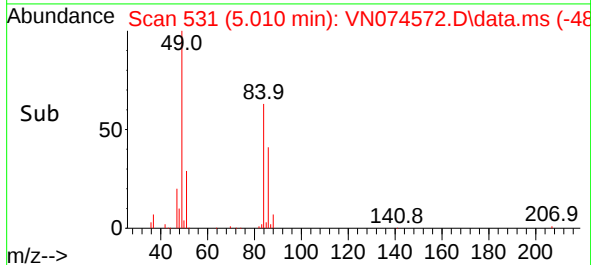
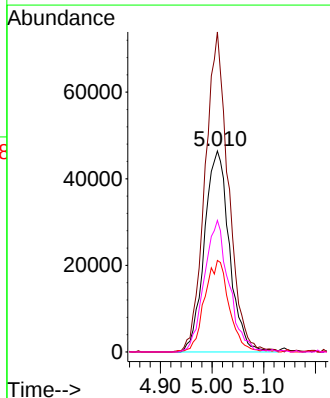
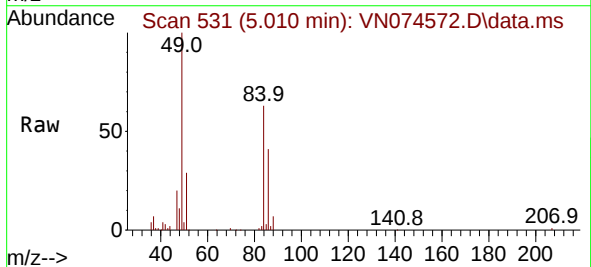
Reviewed By :John
Carlone
09/19/2022

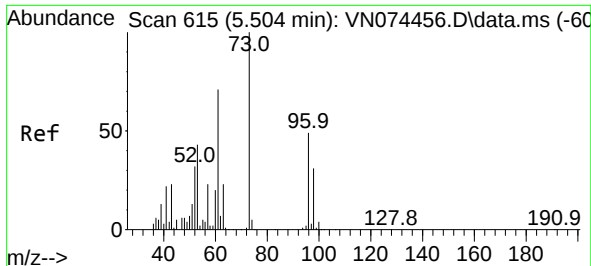
Supervised By :Mahesh
Dadoda
09/19/2022



#20
Methylene Chloride
Concen: 46.870 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

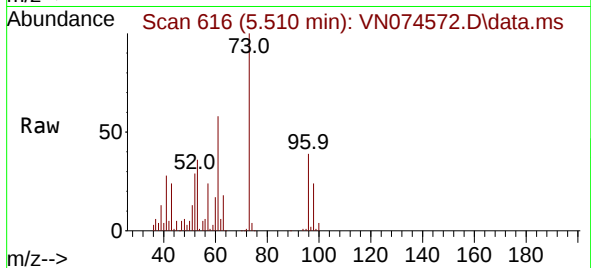
Tgt Ion: 84 Resp: 155798
Ion Ratio Lower Upper
84 100
49 158.9 88.3 132.5#
51 45.6 28.2 42.2#
86 65.5 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 45.705 ug/l
RT: 5.510 min Scan# 615
Delta R.T. 0.006 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Instrument :
MSVOA_N
ClientSampleId :
HW-43MS

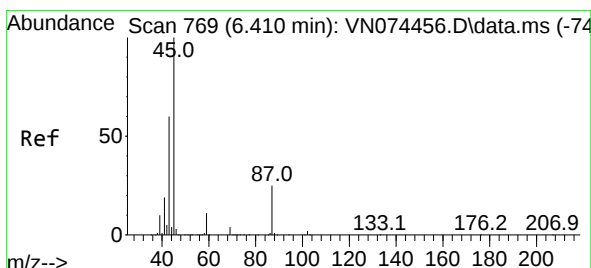
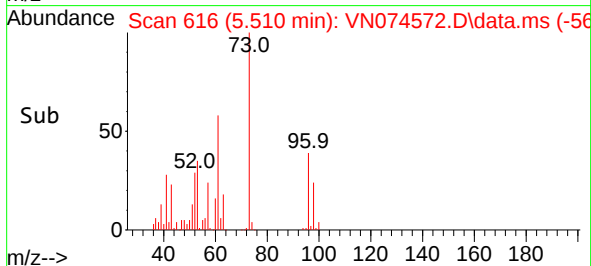
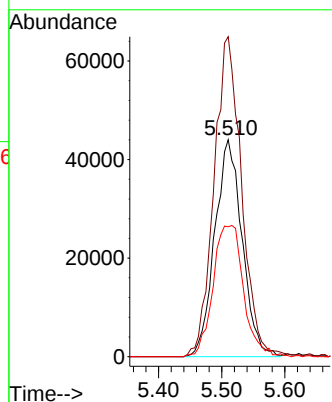


Tgt Ion: 96 Resp: 132480
Ion Ratio Lower Upper
96 100
61 147.5 105.8 158.8
98 59.9 50.3 75.5

Manual Integrations
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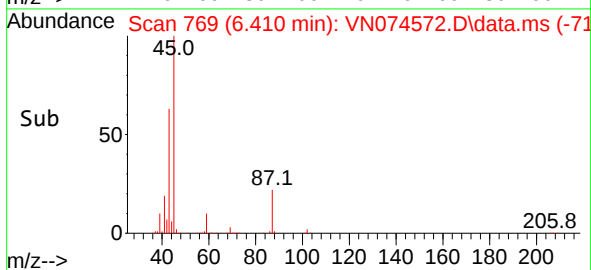
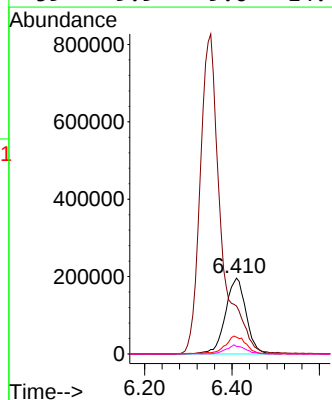
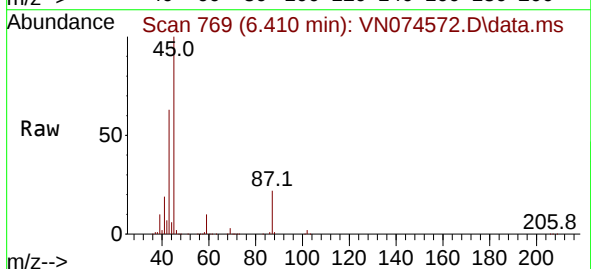
Reviewed By :John
Carlone
09/19/2022

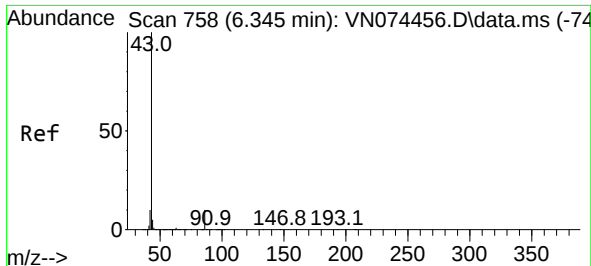
Supervised By :Mahesh
Dadoda
09/19/2022



#22
Diisopropyl ether
Concen: 50.610 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

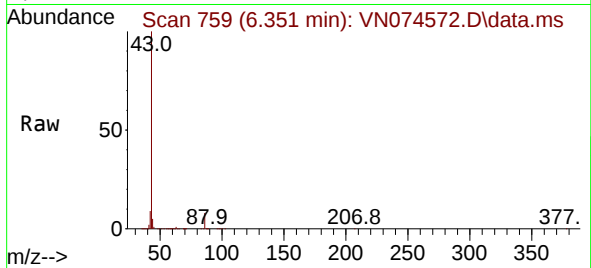
Tgt Ion: 45 Resp: 640934
Ion Ratio Lower Upper
45 100
43 62.9 46.6 70.0
87 22.1 24.3 36.5#
59 9.9 9.6 14.4





#23
 Vinyl Acetate
 Concen: 241.584 ug/l
 RT: 6.351 min Scan# 758
 Delta R.T. 0.006 min
 Lab File: VN074572.D
 Acq: 17 Sep 2022 21:45

Instrument :
 MSVOA_N
 ClientSampleId :
 HW-43MS

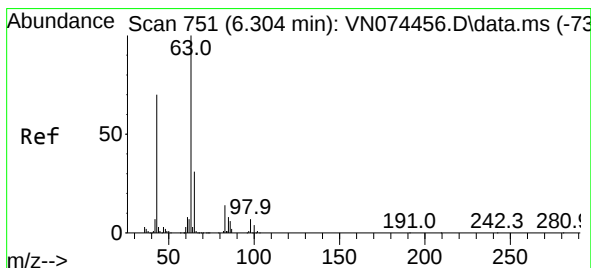
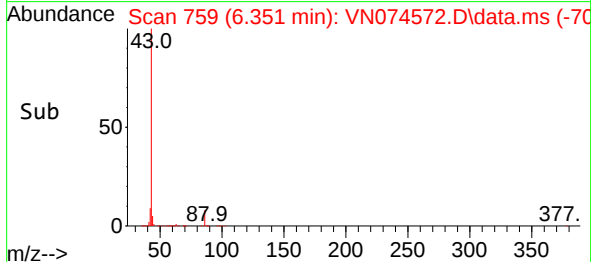
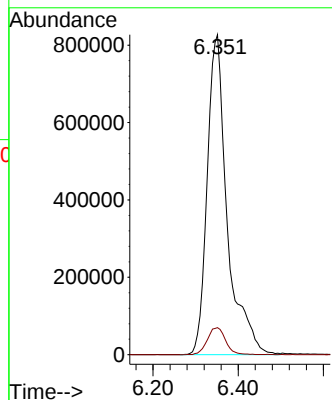


Tgt Ion: 43 Resp: 2698460
 Ion Ratio Lower Upper
 43 100
 86 8.5 10.0 15.0

Manual Integrations
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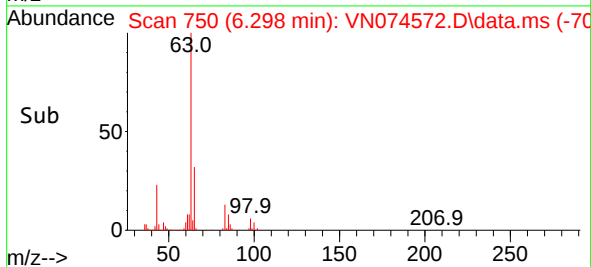
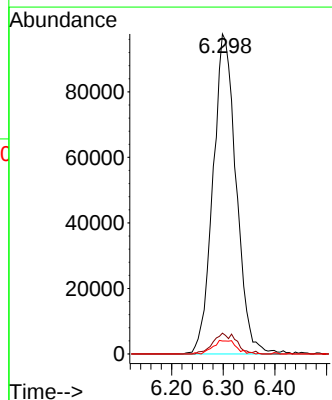
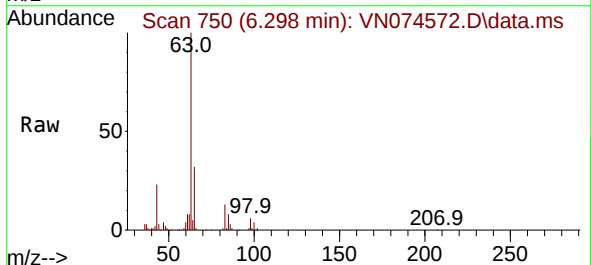
Reviewed By :John
 Carlone
 09/19/2022

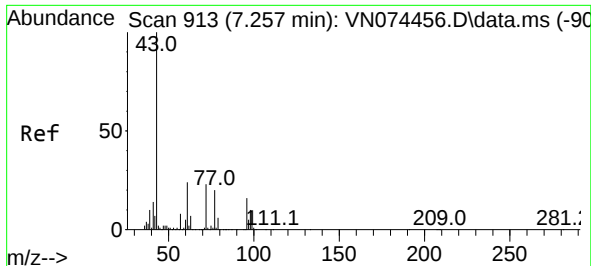
Supervised By :Mahesh
 Dadoda
 09/19/2022



#24
 1,1-Dichloroethane
 Concen: 48.088 ug/l
 RT: 6.298 min Scan# 750
 Delta R.T. -0.006 min
 Lab File: VN074572.D
 Acq: 17 Sep 2022 21:45

Tgt Ion: 63 Resp: 304414
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.4
 100 4.0 2.3 6.8





#25

2-Butanone

Concen: 264.490 ug/l

RT: 7.257 min Scan# 913

Delta R.T. 0.000 min

Lab File: VN074572.D

Acq: 17 Sep 2022 21:45

Instrument :

MSVOA_N

ClientSampleId :

HW-43MS

Tgt Ion: 43 Resp: 956160

Ion Ratio Lower Upper

43 100

72 23.1 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John

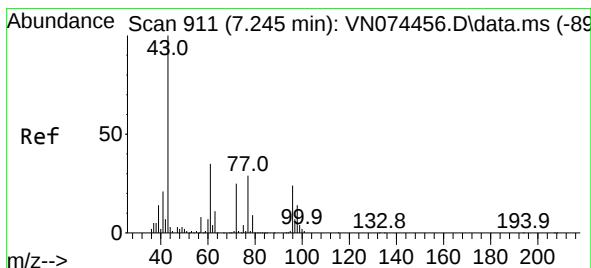
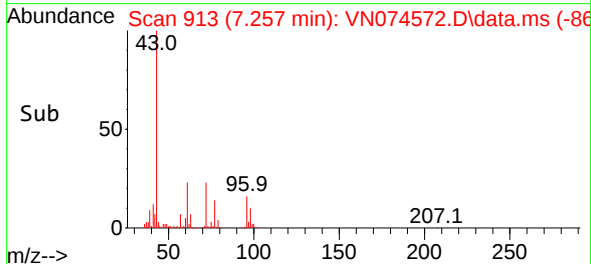
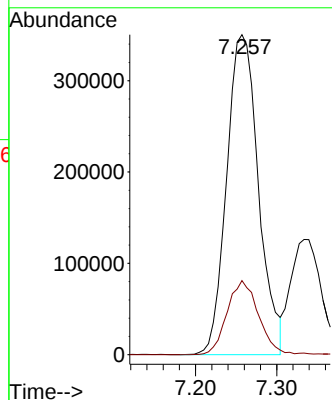
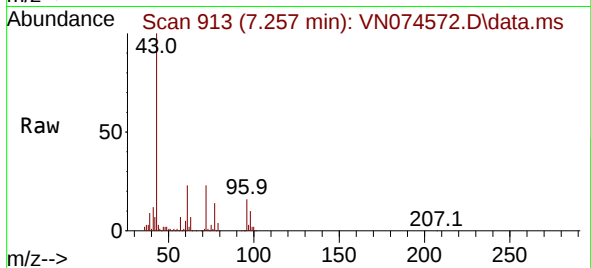
Carlone

09/19/2022

Supervised By :Mahesh

Dadoda

09/19/2022



#26

2,2-Dichloropropane

Concen: 30.291 ug/l

RT: 7.245 min Scan# 911

Delta R.T. 0.000 min

Lab File: VN074572.D

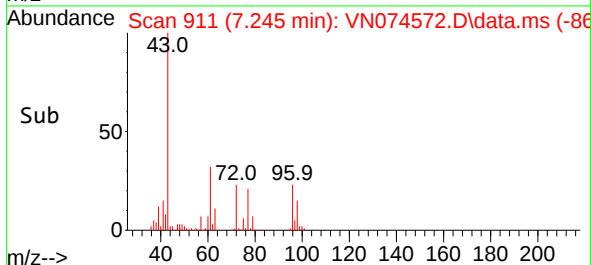
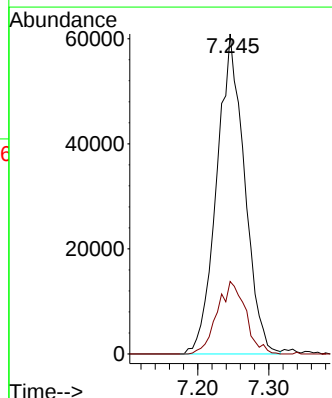
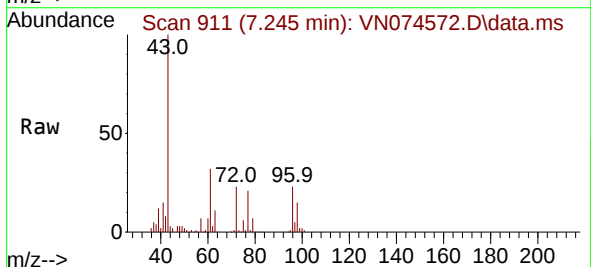
Acq: 17 Sep 2022 21:45

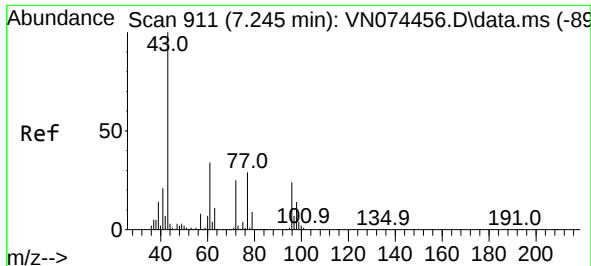
Tgt Ion: 77 Resp: 165320

Ion Ratio Lower Upper

77 100

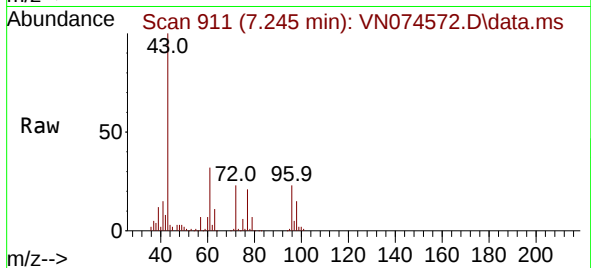
97 23.2 11.4 34.2





#27
cis-1,2-Dichloroethene
Concen: 45.461 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Instrument :
MSVOA_N
ClientSampleId :
HW-43MS

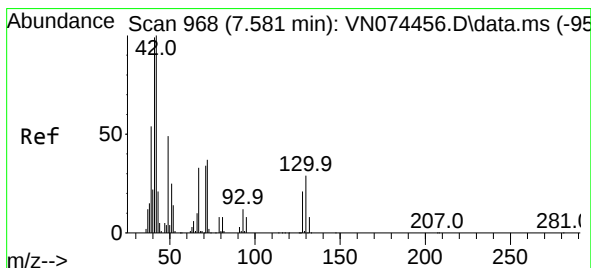
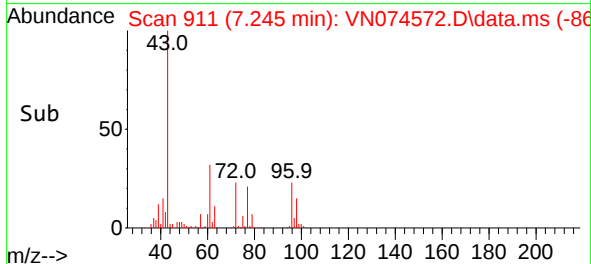
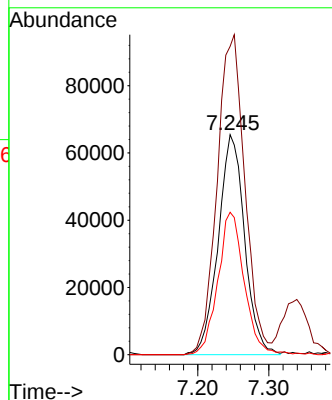


Tgt Ion: 96 Resp: 16881
Ion Ratio Lower Upper
96 100
61 153.2 0.0 280.6
98 64.9 0.0 128.4

Manual Integrations
APPROVED

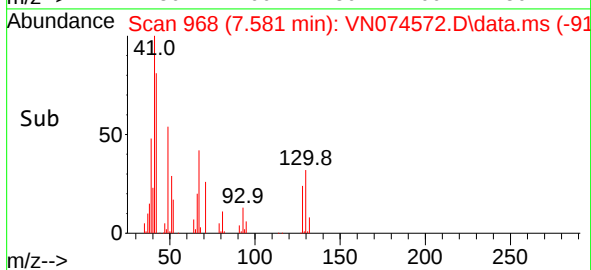
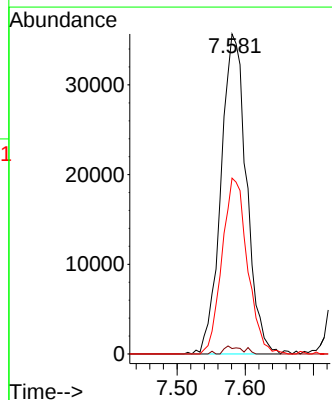
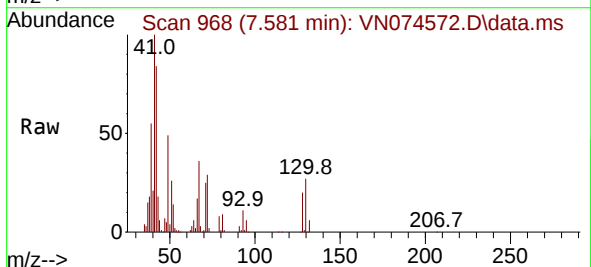
Reviewed By :John
Carlone
09/19/2022

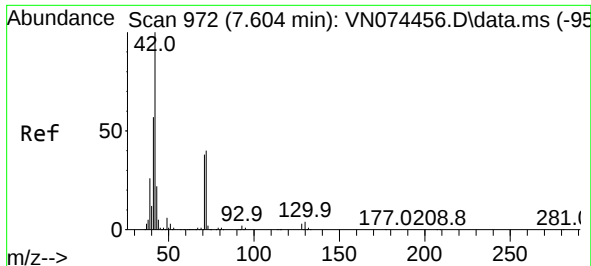
Supervised By :Mahesh
Dadoda
09/19/2022



#28
Bromochloromethane
Concen: 49.781 ug/l
RT: 7.581 min Scan# 968
Delta R.T. -0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

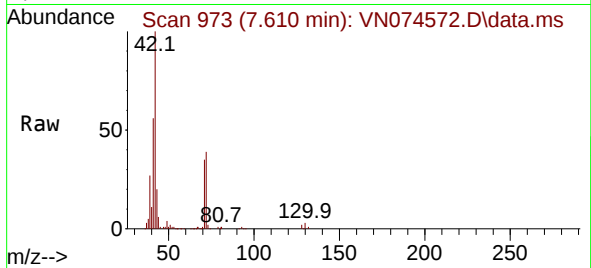
Tgt Ion: 49 Resp: 92801
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.6
130 54.7 69.7 104.5#





#29
Tetrahydrofuran
Concen: 265.418 ug/l
RT: 7.610 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Instrument :
MSVOA_N
Client SampleId :
HW-43MS

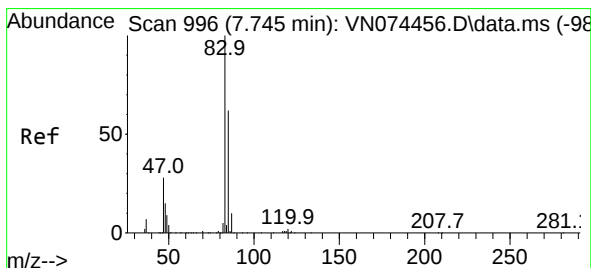
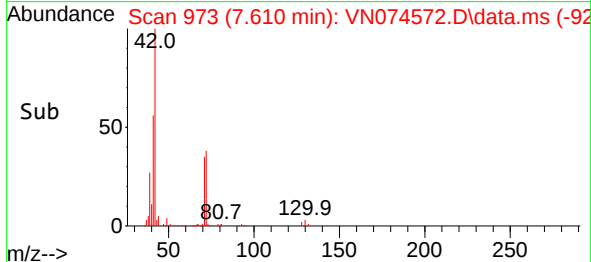
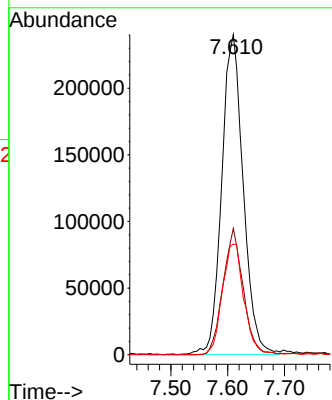


Tgt Ion: 42 Resp: 63086
Ion Ratio Lower Upper
42 100
72 37.1 39.7 59.5
71 34.8 36.6 55.0

Manual Integrations
APPROVED

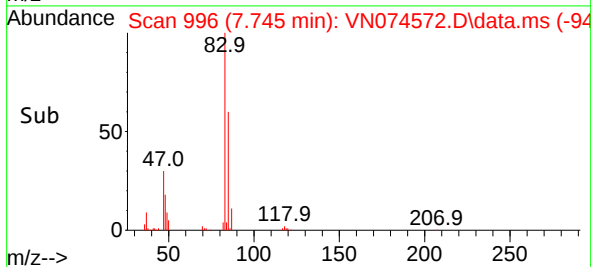
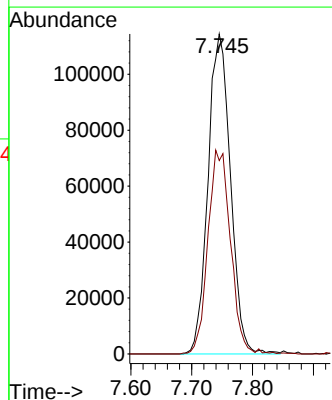
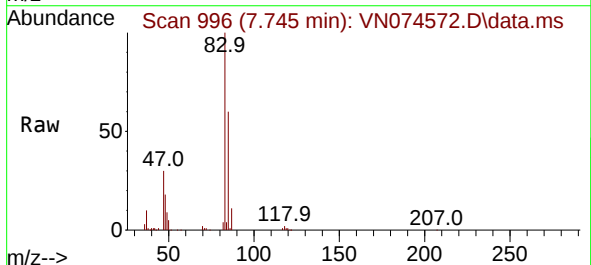
Reviewed By :John
Carlone
09/19/2022

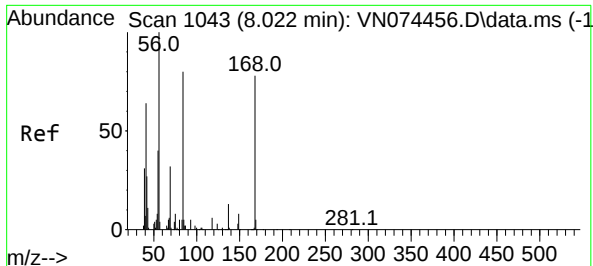
Supervised By :Mahesh
Dadoda
09/19/2022



#30
Chloroform
Concen: 50.246 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

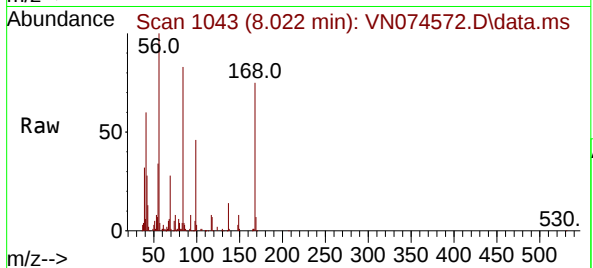
Tgt Ion: 83 Resp: 293577
Ion Ratio Lower Upper
83 100
85 60.4 51.8 77.8





#31
Cyclohexane
Concen: 45.525 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Instrument :
MSVOA_N
ClientSampleId :
HW-43MS

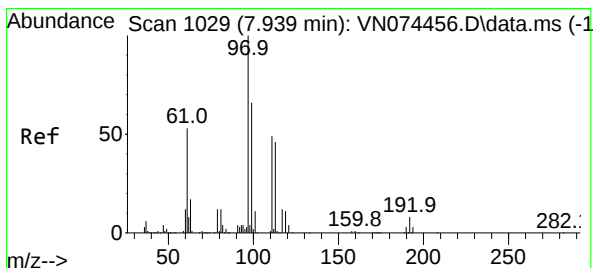
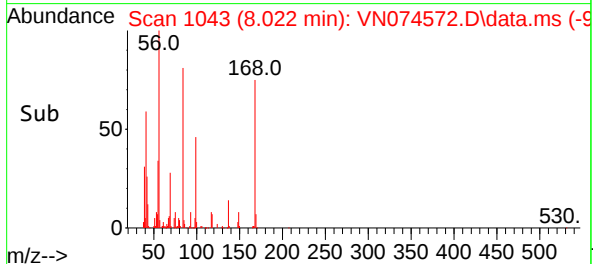
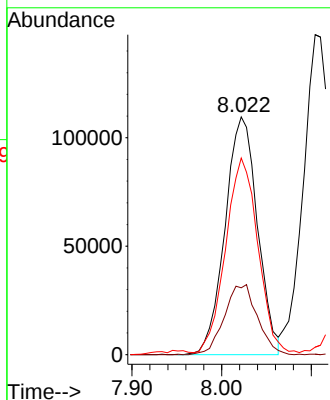


Tgt Ion: 56 Resp: 274958
Ion Ratio Lower Upper
56 100
69 27.9 27.8 41.8
84 81.2 76.9 115.3

Manual Integrations
APPROVED

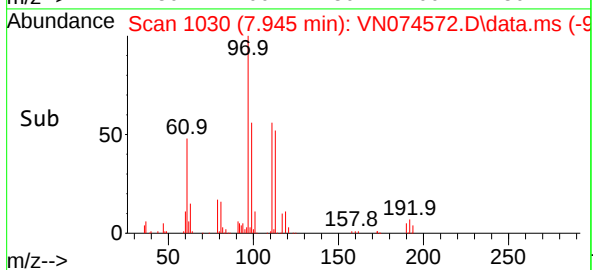
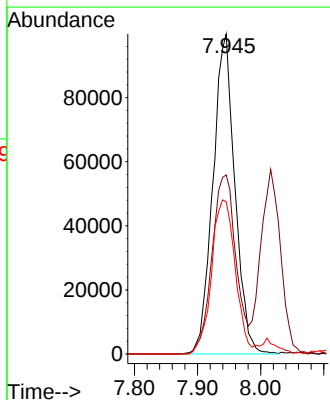
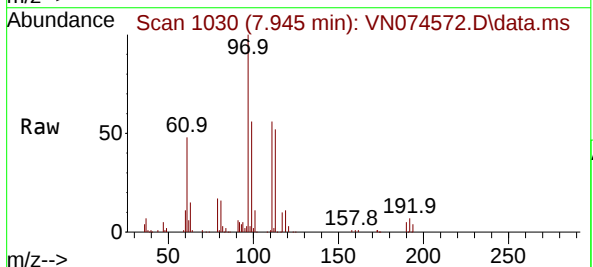
Reviewed By :John
Carlone
09/19/2022

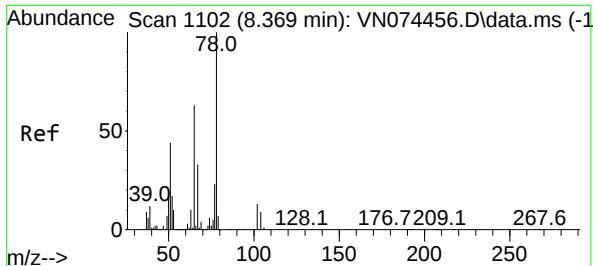
Supervised By :Mahesh
Dadoda
09/19/2022



#32
1,1,1-Trichloroethane
Concen: 47.081 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Tgt Ion: 97 Resp: 241265
Ion Ratio Lower Upper
97 100
99 61.3 50.6 76.0
61 51.8 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 52.401 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074572.D

Acq: 17 Sep 2022 21:45

Instrument :

MSVOA_N

ClientSampleId :

HW-43MS

Tgt Ion: 65 Resp: 178304

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John

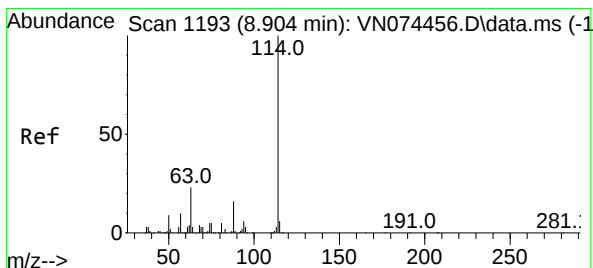
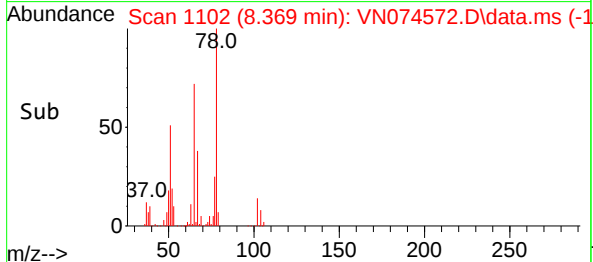
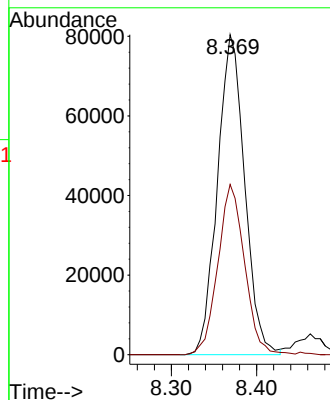
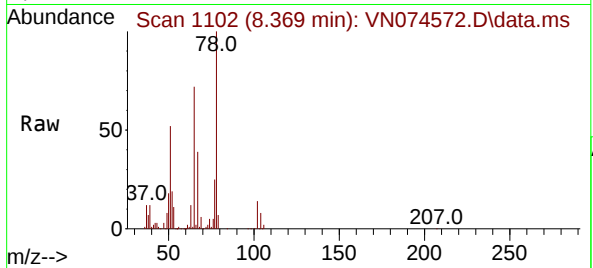
Carlone

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Supervised By :Mahesh

Dadoda

09/19/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074572.D

Acq: 17 Sep 2022 21:45

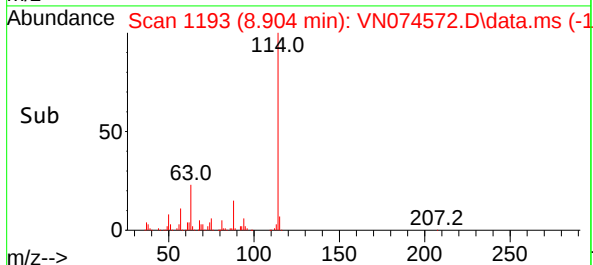
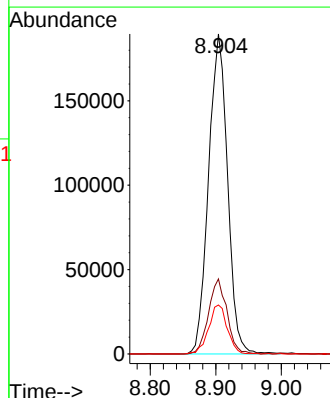
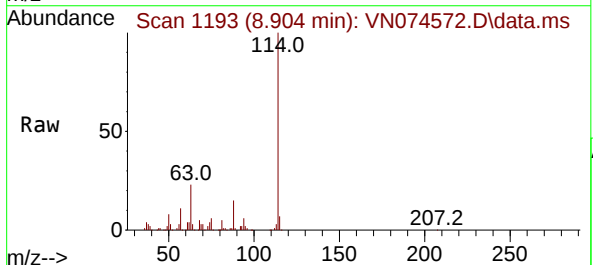
Tgt Ion:114 Resp: 381727

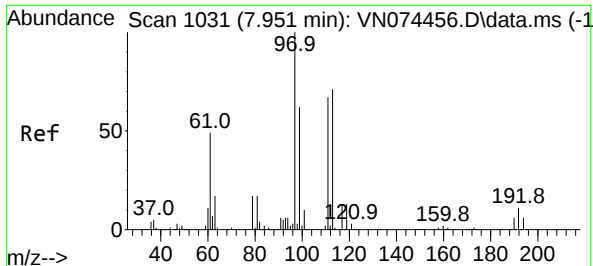
Ion Ratio Lower Upper

114 100

63 23.5 0.0 40.0

88 15.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.510 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074572.D

Acq: 17 Sep 2022 21:45

Instrument :

MSVOA_N

ClientSampleId :

HW-43MS

Tgt Ion:	113	Resp:	13315
Ion Ratio	Lower	Upper	
113	100		
111	104.8	81.4	122.0
192	15.6	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John

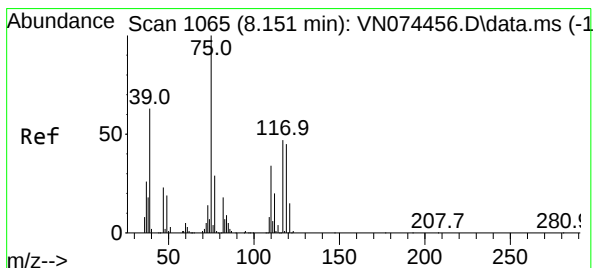
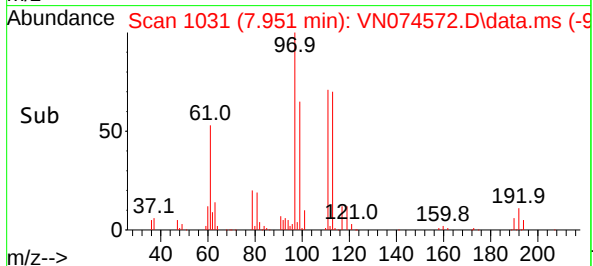
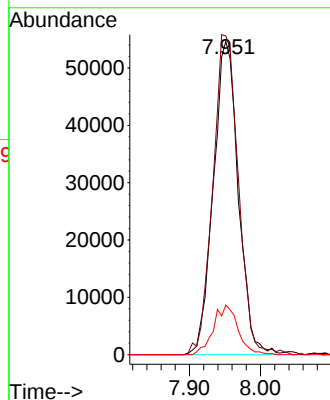
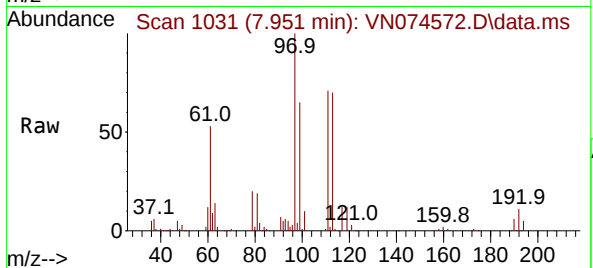
Carlone

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#36

1,1-Dichloropropene

Concen: 47.047 ug/l

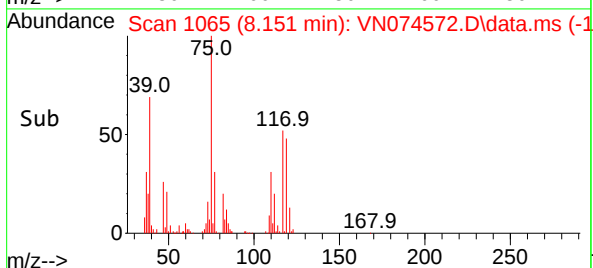
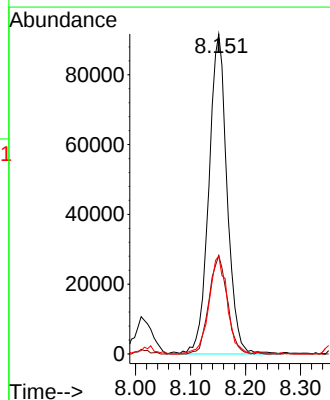
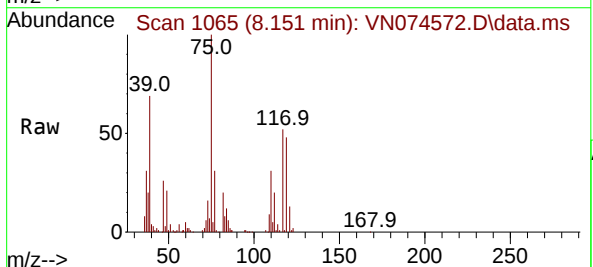
RT: 8.151 min Scan# 1065

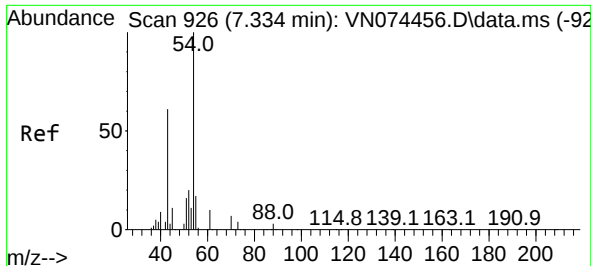
Delta R.T. 0.000 min

Lab File: VN074572.D

Acq: 17 Sep 2022 21:45

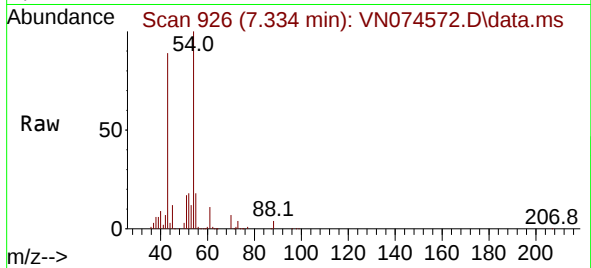
Tgt Ion:	75	Resp:	211166
Ion Ratio	Lower	Upper	
75	100		
110	30.7	18.3	54.8
77	30.6	25.1	37.7





#37
Ethyl Acetate
Concen: 49.147 ug/l
RT: 7.334 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Instrument :
MSVOA_N
ClientSampleId :
HW-43MS

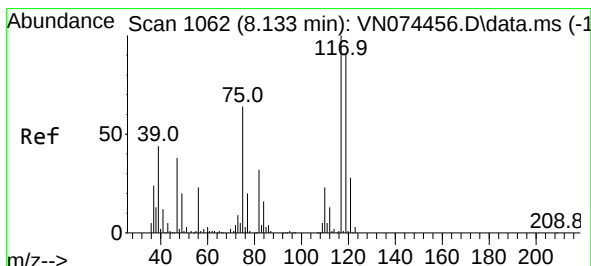
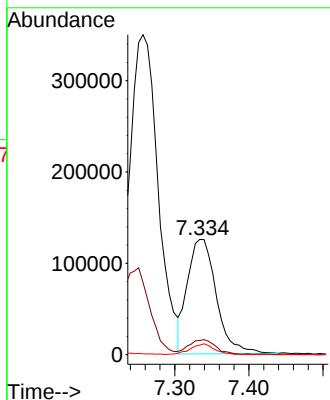
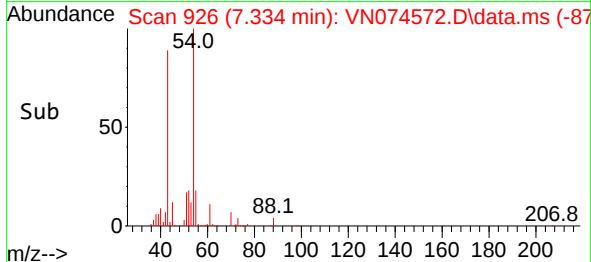


Tgt Ion: 43 Resp: 34066
Ion Ratio Lower Upper
43 100
61 11.7 11.8 17.6
70 8.0 9.3 13.9

Manual Integrations
APPROVED

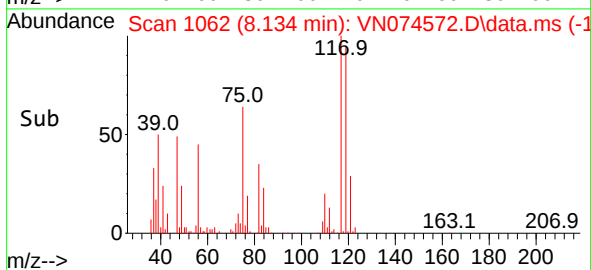
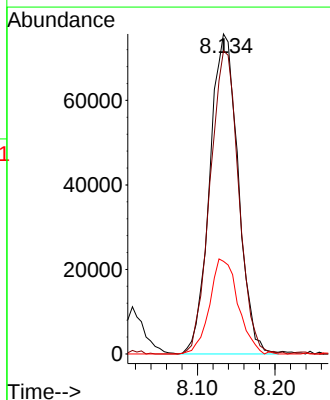
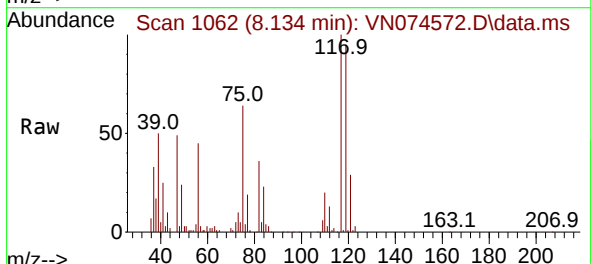
Reviewed By :John
Carlone
09/19/2022

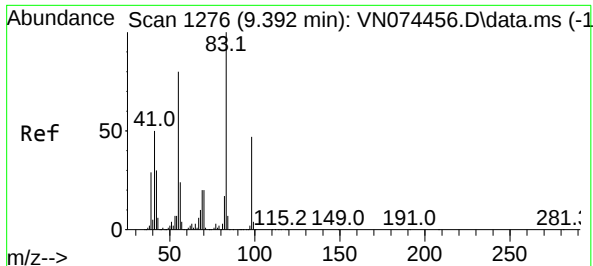
Supervised By :Mahesh
Dadoda
09/19/2022



#38
Carbon Tetrachloride
Concen: 46.571 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. 0.001 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Tgt Ion:117 Resp: 192992
Ion Ratio Lower Upper
117 100
119 94.7 75.8 113.8
121 28.9 24.6 37.0





#39

Methylcyclohexane

Concen: 45.230 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN074572.D

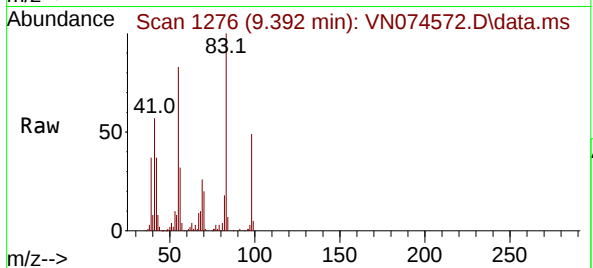
Acq: 17 Sep 2022 21:45

Instrument :

MSVOA_N

ClientSampleId :

HW-43MS



Tgt Ion: 83 Resp: 241398

Ion	Ratio	Lower	Upper
83	100		
55	82.6	57.8	86.8
98	48.9	39.4	59.2

Manual Integrations
APPROVED

Reviewed By :John

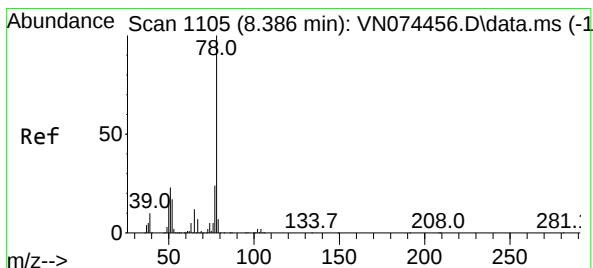
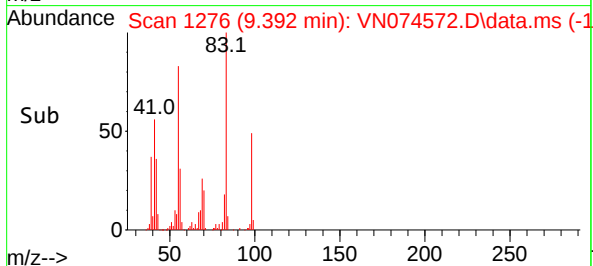
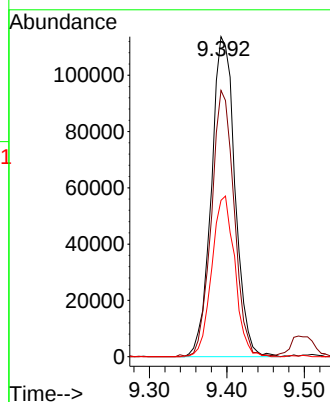
Carlone

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Supervised By :Mahesh

Dadoda

09/19/2022



#40

Benzene

Concen: 49.249 ug/l

RT: 8.392 min Scan# 1106

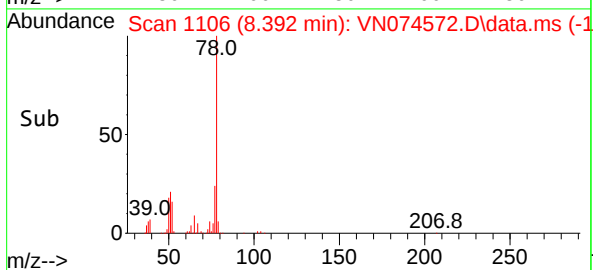
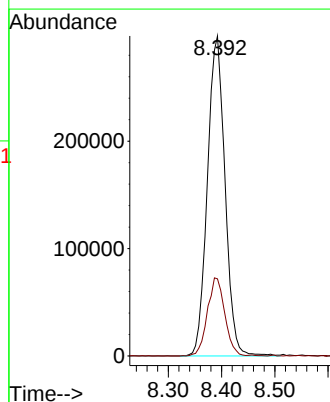
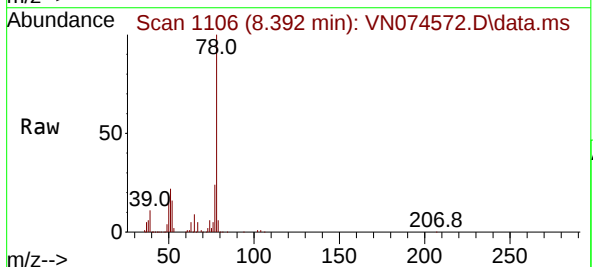
Delta R.T. 0.006 min

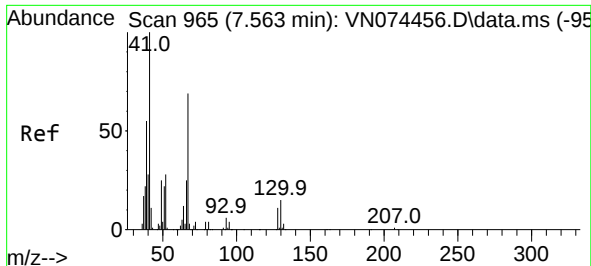
Lab File: VN074572.D

Acq: 17 Sep 2022 21:45

Tgt Ion: 78 Resp: 683537

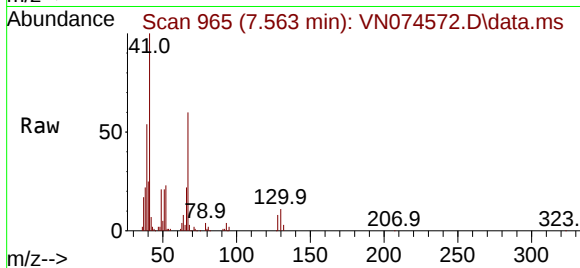
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.4	29.0





#41
Methacrylonitrile
Concen: 49.745 ug/l
RT: 7.563 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Instrument :
MSVOA_N
ClientSampleId :
HW-43MS

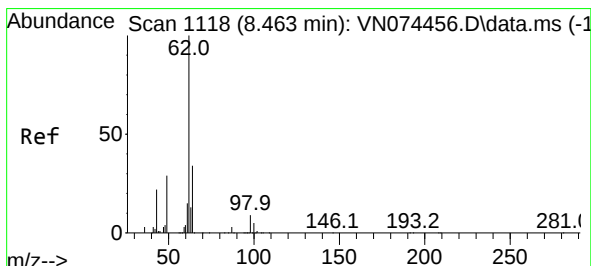
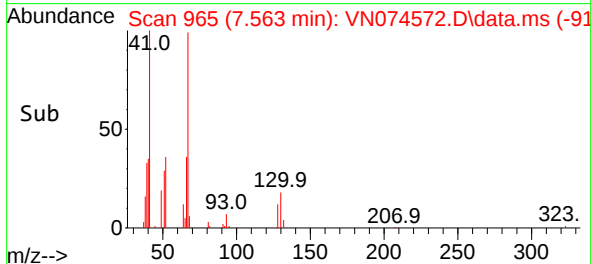
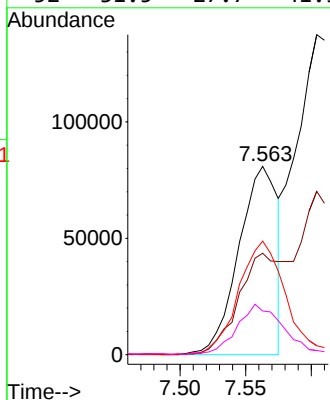


Tgt Ion: 41 Resp: 166704
Ion Ratio Lower Upper
41 100
39 54.9 48.6 73.0
67 73.6 73.4 110.2
52 31.5 27.7 41.5

Manual Integrations
APPROVED

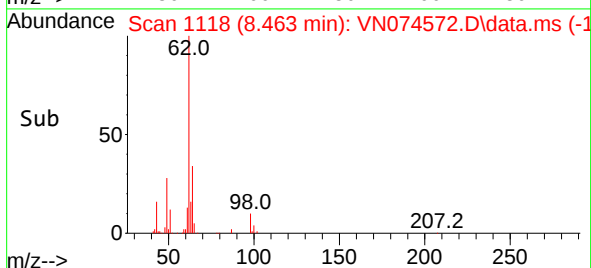
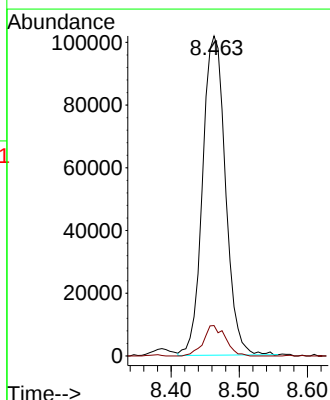
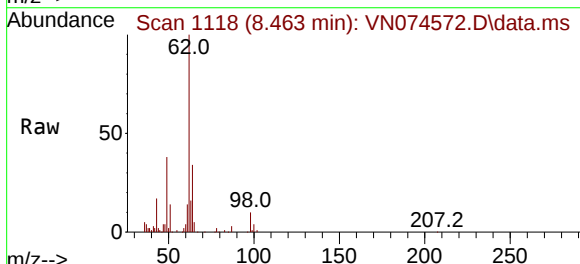
Reviewed By :John
Carlone
09/19/2022

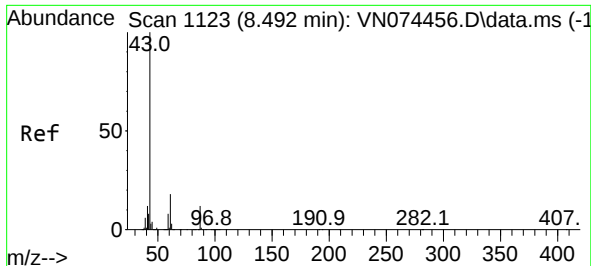
Supervised By :Mahesh
Dadoda
09/19/2022



#42
1,2-Dichloroethane
Concen: 49.930 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

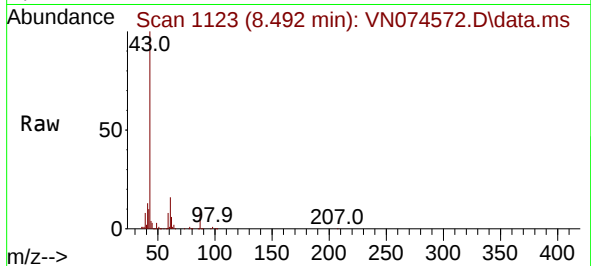
Tgt Ion: 62 Resp: 237810
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.4





#43
Isopropyl Acetate
Concen: 50.444 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Instrument :
MSVOA_N
ClientSampleId :
HW-43MS

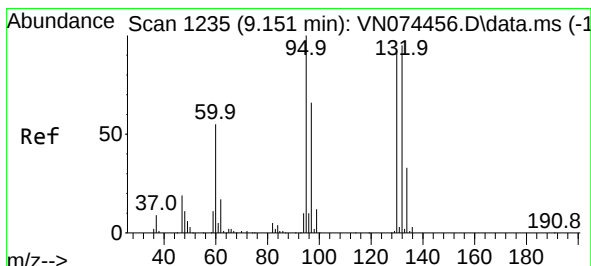
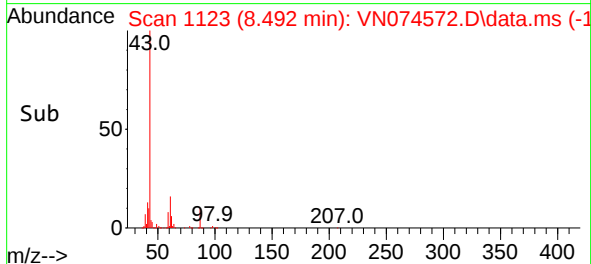
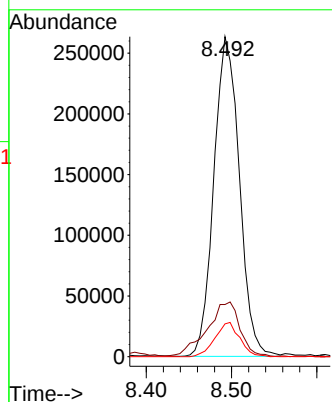


Tgt Ion: 43 Resp: 547692
Ion Ratio Lower Upper
43 100
61 22.3 21.9 32.9
87 10.4 12.0 18.0

Manual Integrations
APPROVED

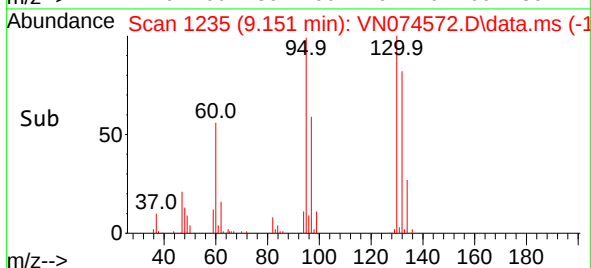
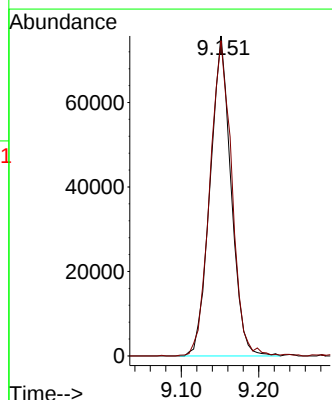
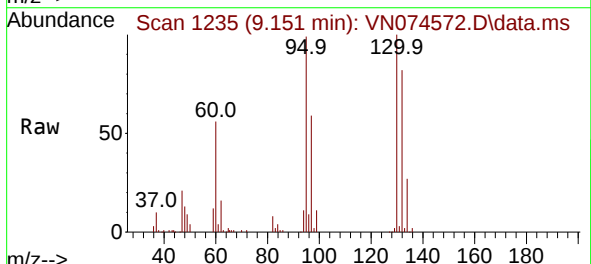
Reviewed By :John
Carlone
09/19/2022

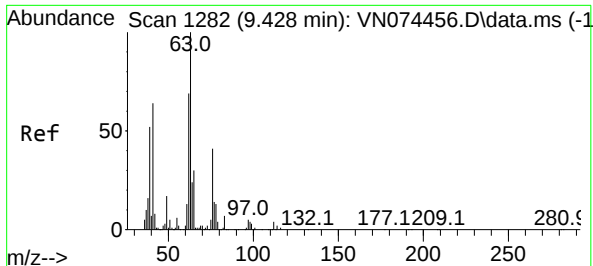
Supervised By :Mahesh
Dadoda
09/19/2022



#44
Trichloroethene
Concen: 47.246 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Tgt Ion:130 Resp: 141893
Ion Ratio Lower Upper
130 100
95 98.3 0.0 186.8





#45

1,2-Dichloropropane

Concen: 49.713 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. -0.000 min

Lab File: VN074572.D

Acq: 17 Sep 2022 21:45

Instrument :

MSVOA_N

ClientSampleId :

HW-43MS

Tgt Ion: 63 Resp: 18962

Ion Ratio Lower Upper

63 100

65 32.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John

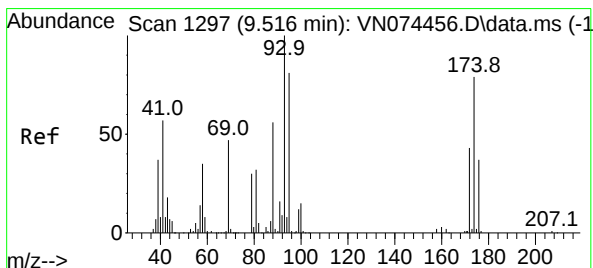
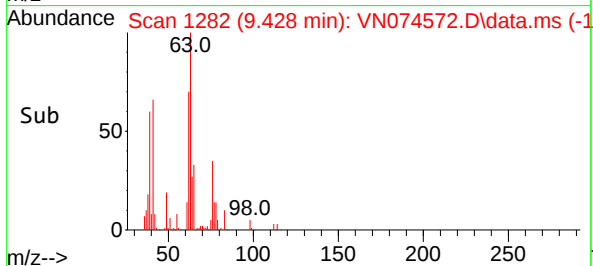
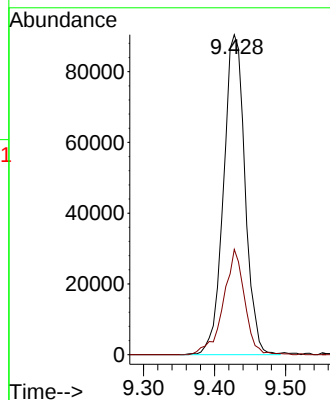
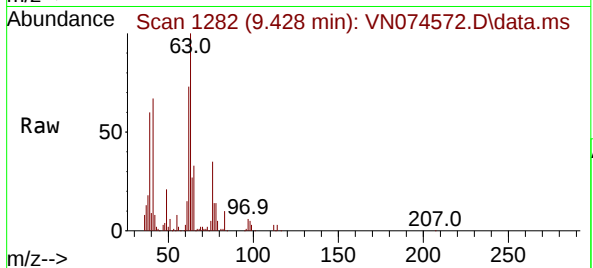
Carlone

09/19/2022

Supervised By :Mahesh

Dadoda

09/19/2022



#46

Dibromomethane

Concen: 48.397 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN074572.D

Acq: 17 Sep 2022 21:45

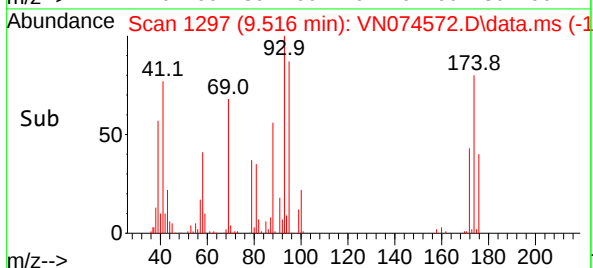
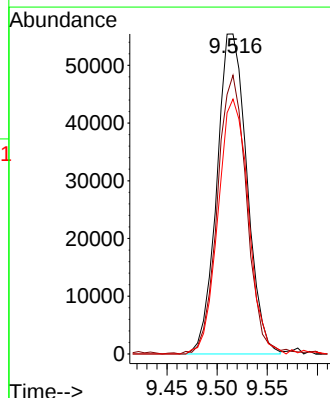
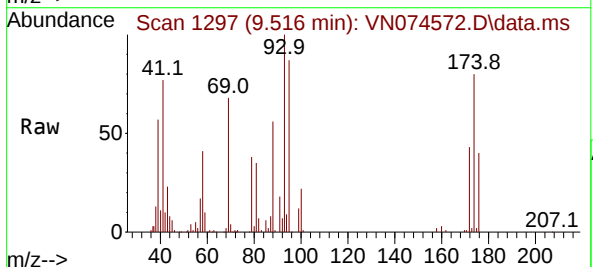
Tgt Ion: 93 Resp: 115617

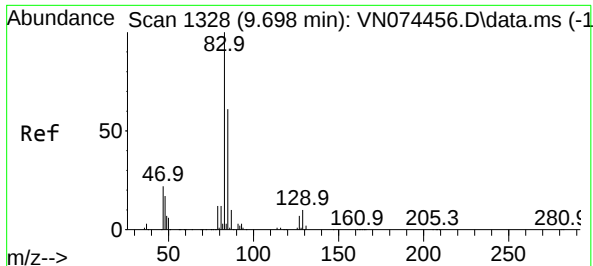
Ion Ratio Lower Upper

93 100

95 84.7 66.9 100.3

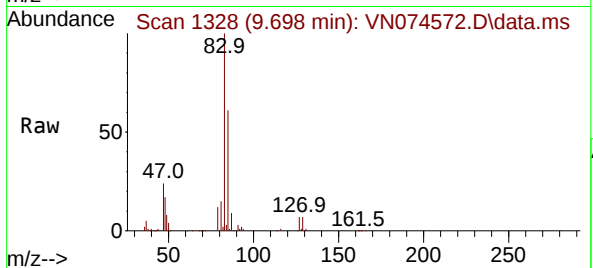
174 80.1 86.6 130.0#





#47
Bromodichloromethane
Concen: 50.975 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Instrument :
MSVOA_N
Client Sample Id :
HW-43MS

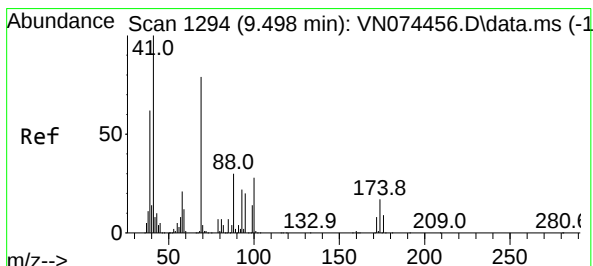
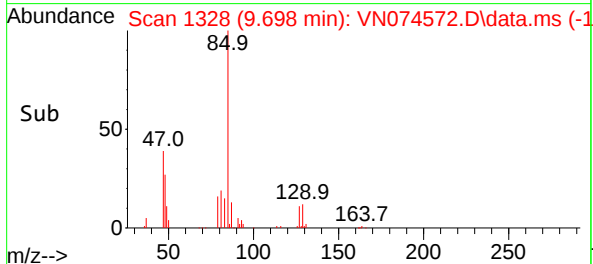
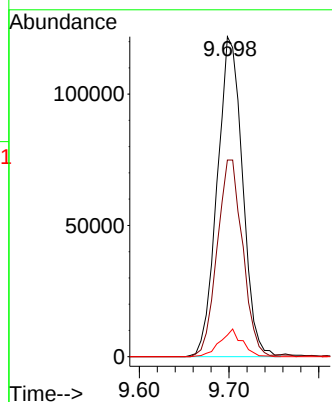


Tgt Ion: 83 Resp: 23875
Ion Ratio Lower Upper
83 100
85 61.5 50.5 75.7
127 6.7 6.8 10.2

Manual Integrations
APPROVED

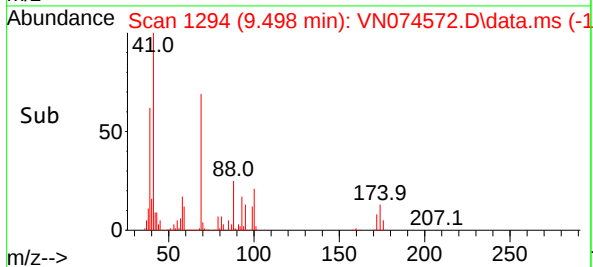
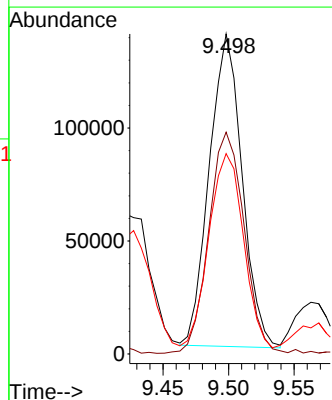
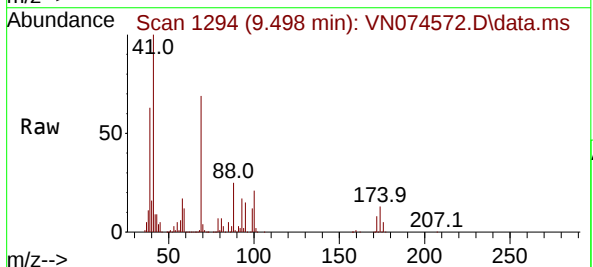
Reviewed By :John
Carlone
09/19/2022

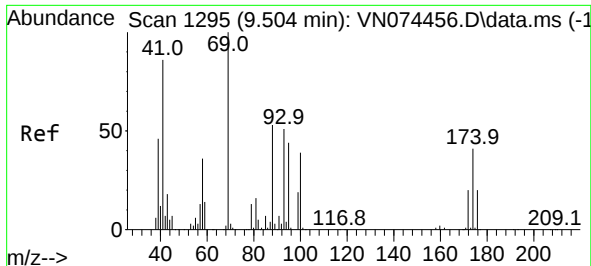
Supervised By :Mahesh
Dadoda
09/19/2022



#48
Methyl methacrylate
Concen: 49.931 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

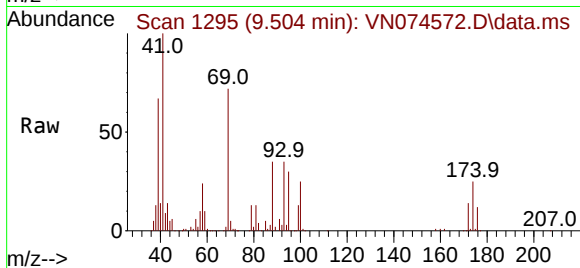
Tgt Ion: 41 Resp: 240383
Ion Ratio Lower Upper
41 100
69 76.3 74.7 112.1
39 69.8 45.6 68.4





#49
1,4-Dioxane
Concen: 930.667 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Instrument :
MSVOA_N
ClientSampleId :
HW-43MS

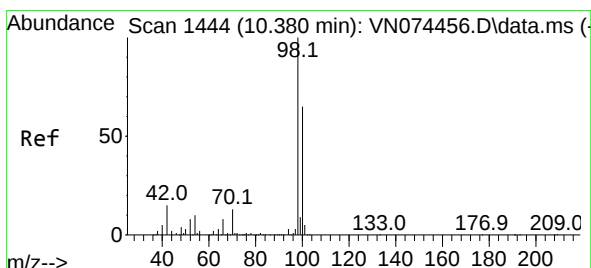
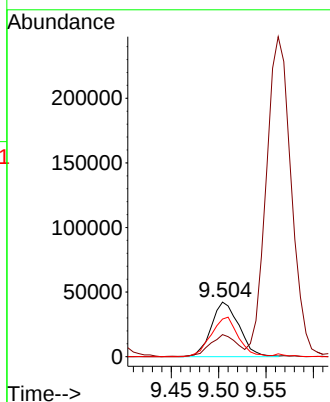
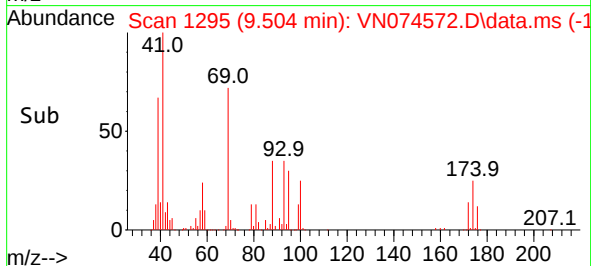


Tgt Ion: 88 Resp: 8614
Ion Ratio Lower Upper
88 100
43 39.5 20.2 30.4
58 70.8 54.2 81.4

Manual Integrations
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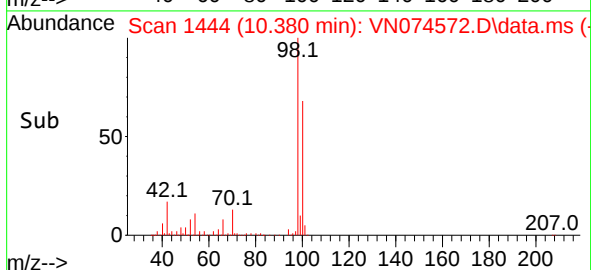
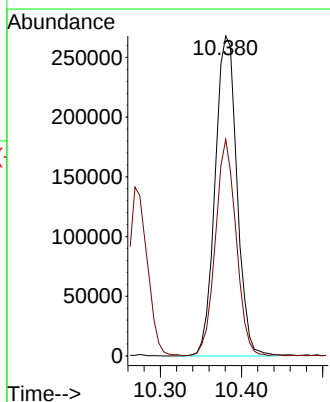
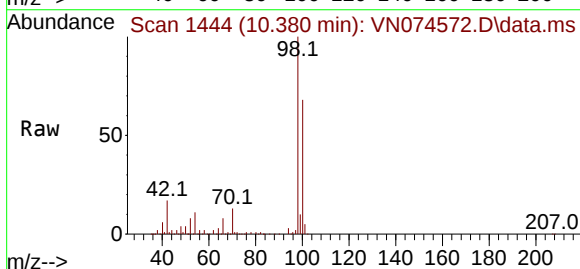
Reviewed By :John
Carlone
09/19/2022

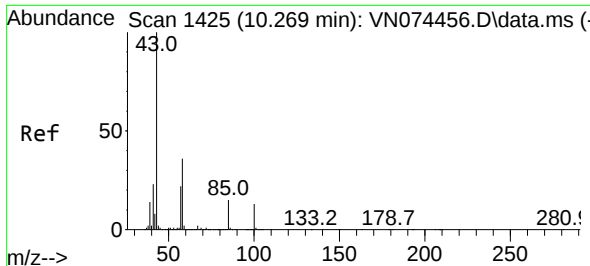
Supervised By :Mahesh
Dadoda
09/19/2022



#50
Toluene-d8
Concen: 51.185 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

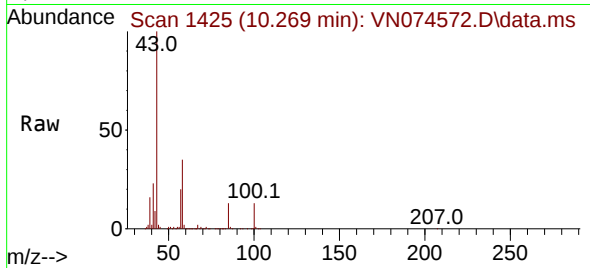
Tgt Ion: 98 Resp: 501952
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 284.061 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Instrument :
MSVOA_N
ClientSampleId :
HW-43MS

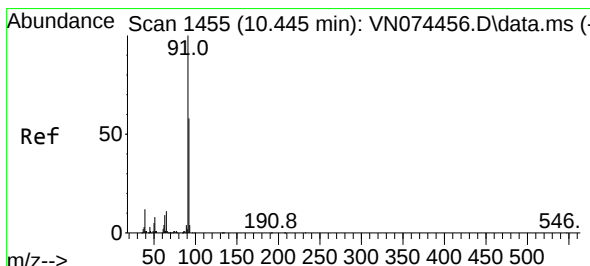
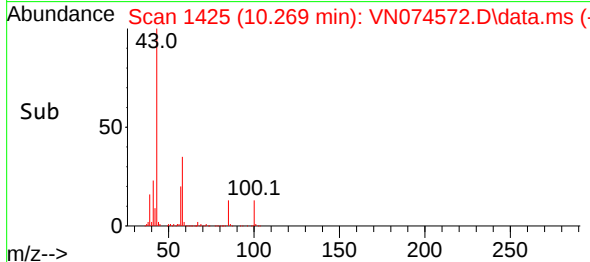
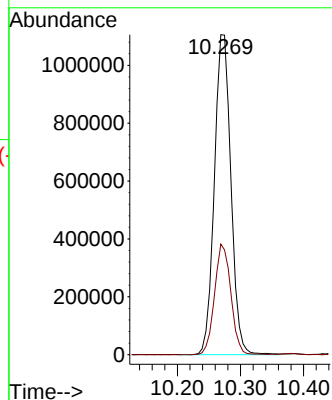


Tgt Ion: 43 Resp: 2014035
Ion Ratio Lower Upper
43 100
58 34.1 34.1 51.1

Manual Integrations
APPROVED

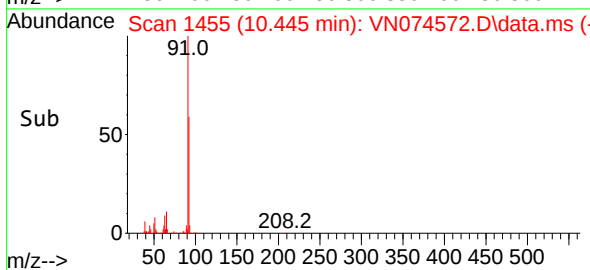
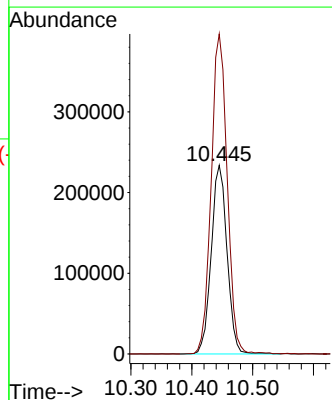
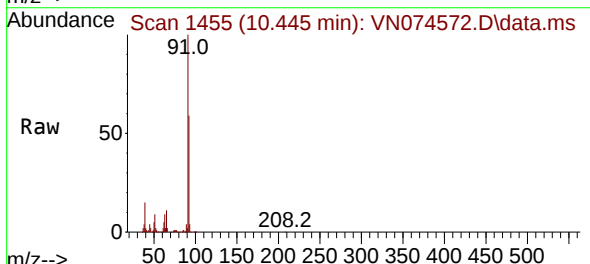
Reviewed By :John
Carlone
09/19/2022

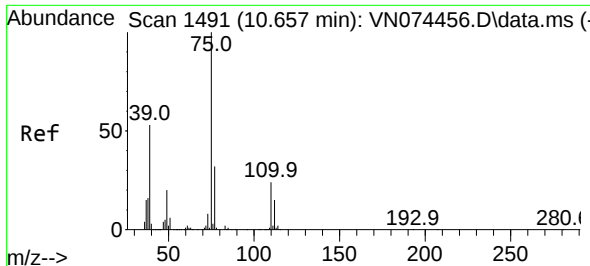
Supervised By :Mahesh
Dadoda
09/19/2022



#52
Toluene
Concen: 51.700 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

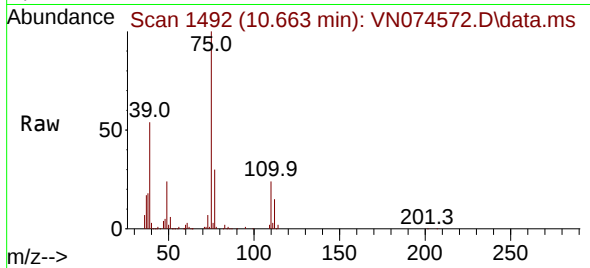
Tgt Ion: 92 Resp: 420775
Ion Ratio Lower Upper
92 100
91 172.2 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 45.564 ug/l
RT: 10.663 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Instrument :
MSVOA_N
ClientSampleId :
HW-43MS

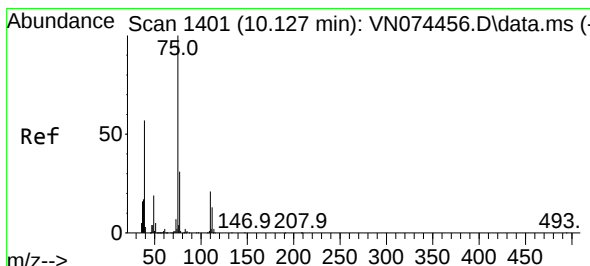
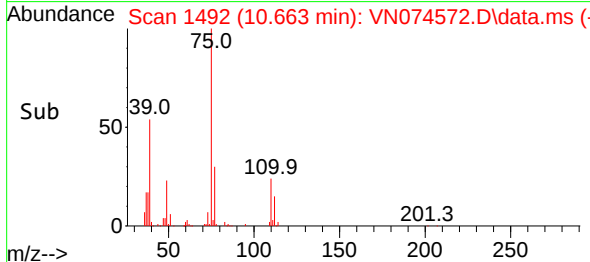
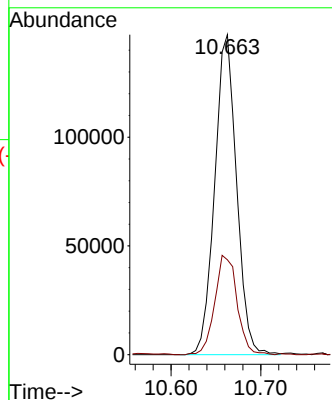


Tgt Ion: 75 Resp: 248718
Ion Ratio Lower Upper
75 100
77 29.6 25.6 38.4

Manual Integrations
APPROVED

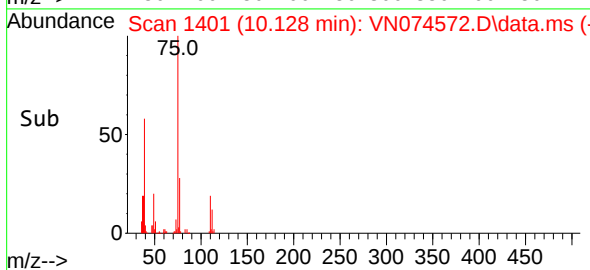
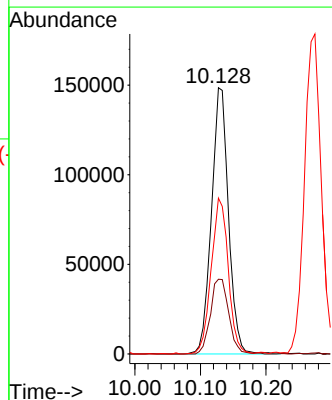
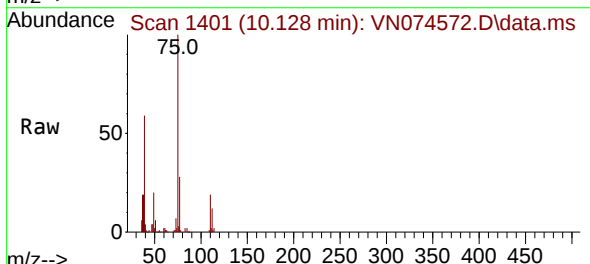
Reviewed By :John
Carlone
09/19/2022

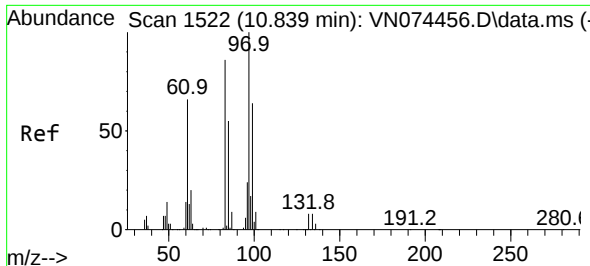
Supervised By :Mahesh
Dadoda
09/19/2022



#54
cis-1,3-Dichloropropene
Concen: 45.856 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. 0.001 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

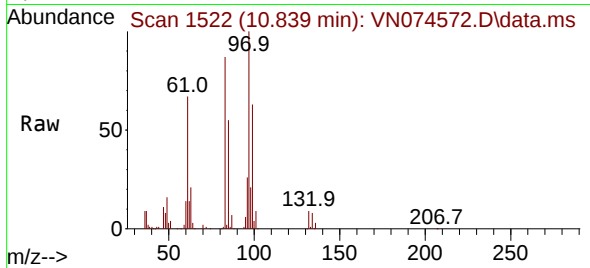
Tgt Ion: 75 Resp: 267871
Ion Ratio Lower Upper
75 100
77 28.1 25.2 37.8
39 58.5 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 49.402 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Instrument :
MSVOA_N
ClientSampleId :
HW-43MS



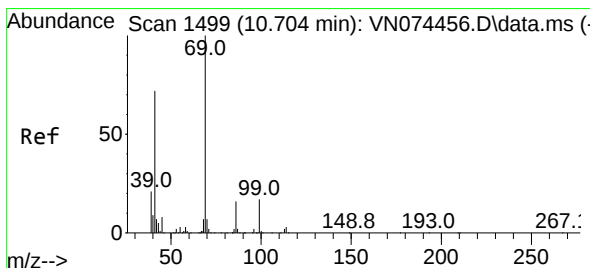
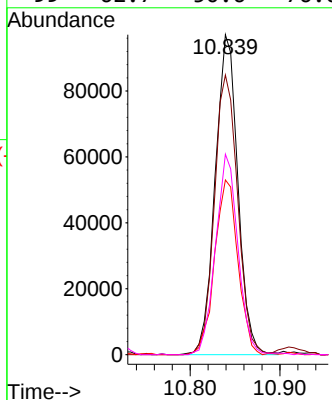
Tgt Ion: 97 Resp: 170310

Ion	Ratio	Lower	Upper
97	100		
83	87.4	66.2	99.4
85	54.6	43.9	65.9
99	62.7	50.6	76.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone
09/19/2022

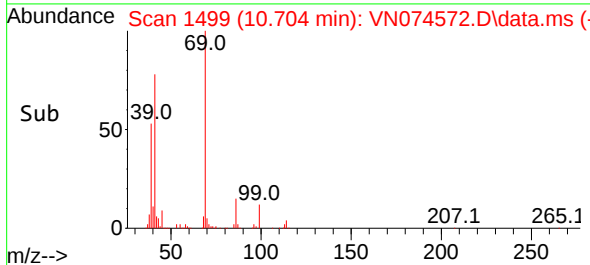
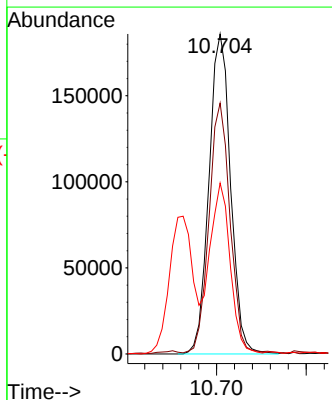
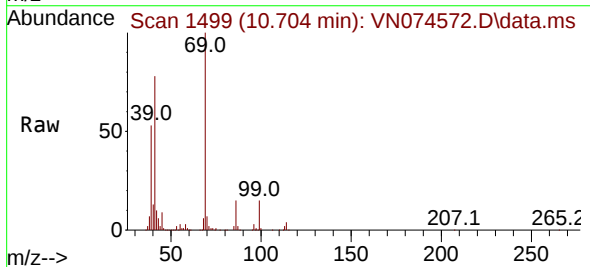
Supervised By :Mahesh
Dadoda
09/19/2022

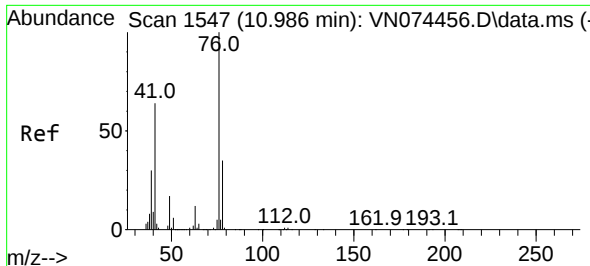


#56
Ethyl methacrylate
Concen: 50.465 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Tgt Ion: 69 Resp: 310766

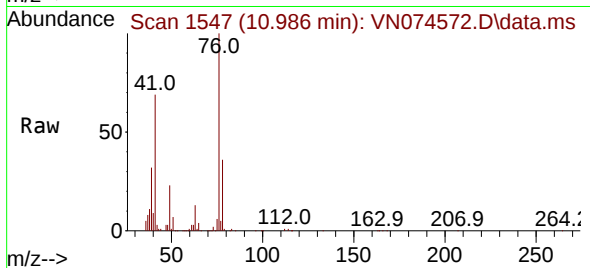
Ion	Ratio	Lower	Upper
69	100		
41	76.4	47.8	71.6#
39	50.5	27.3	40.9#





#57
1,3-Dichloropropane
Concen: 51.172 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Instrument :
MSVOA_N
ClientSampleId :
HW-43MS

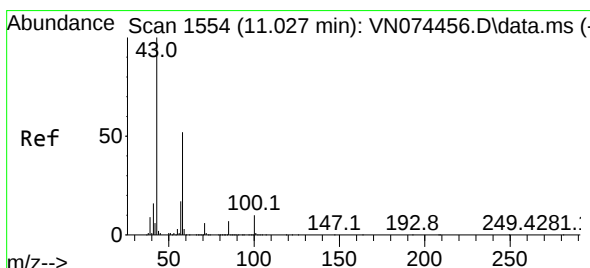
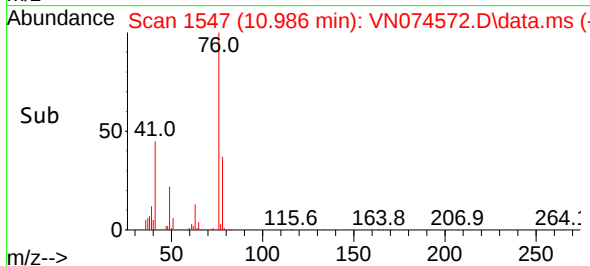
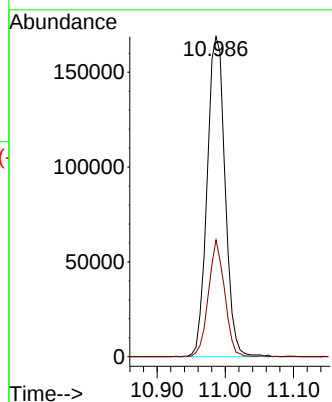


Tgt Ion: 76 Resp: 309304
Ion Ratio Lower Upper
76 100
78 32.9 26.2 39.2

Manual Integrations
APPROVED

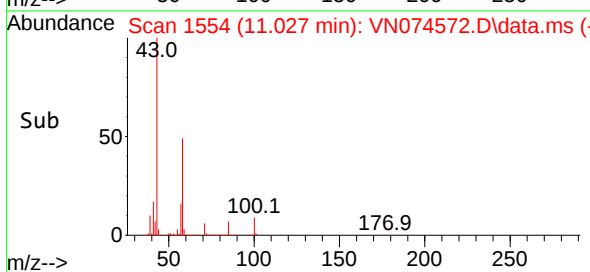
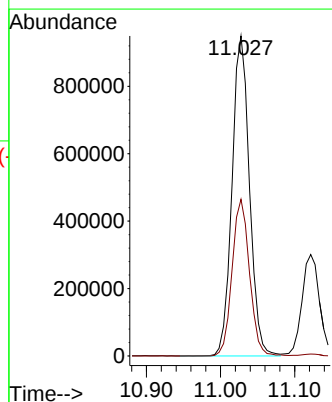
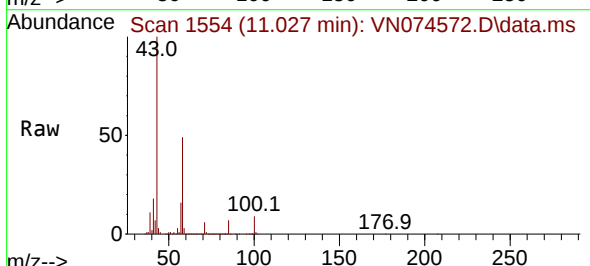
Reviewed By :John
Carlone
09/19/2022

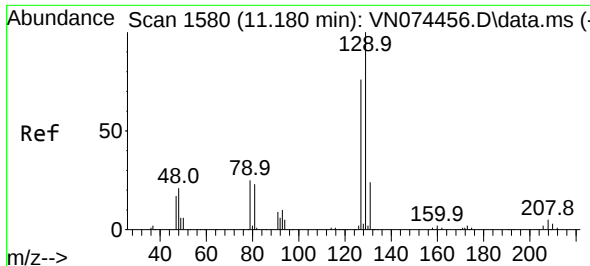
Supervised By :Mahesh
Dadoda
09/19/2022



#59
2-Hexanone
Concen: 286.764 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

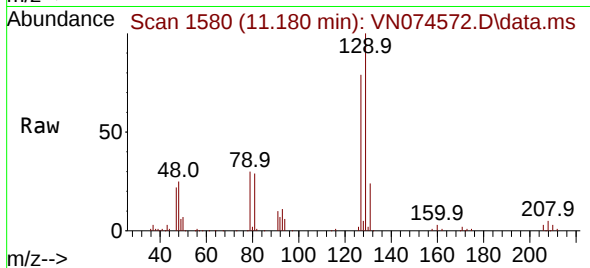
Tgt Ion: 43 Resp: 1552119
Ion Ratio Lower Upper
43 100
58 48.8 29.7 89.1





#60
Dibromochloromethane
Concen: 50.464 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Instrument :
MSVOA_N
ClientSampleId :
HW-43MS

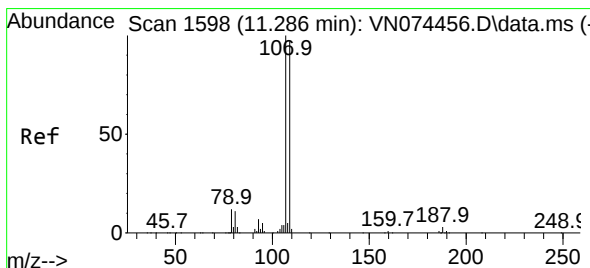
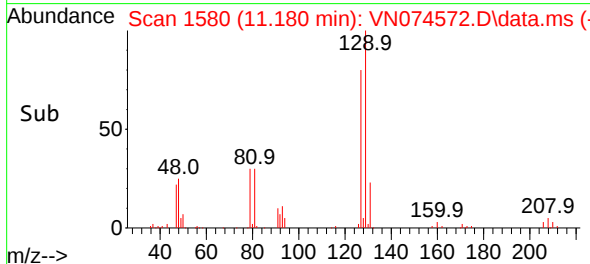
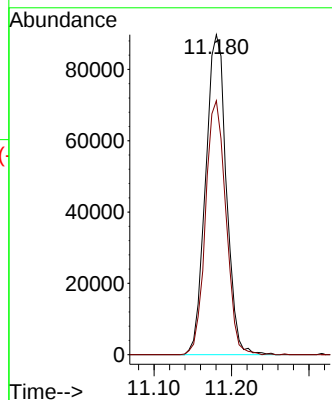


Tgt Ion:129 Resp: 166543
Ion Ratio Lower Upper
129 100
127 78.1 38.8 116.4

Manual Integrations
APPROVED

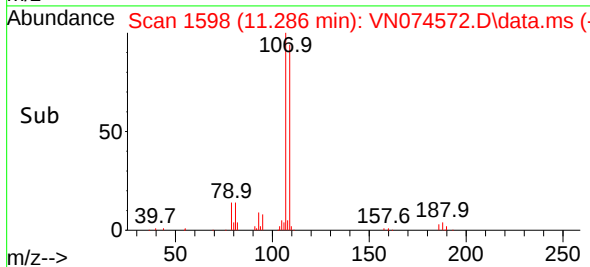
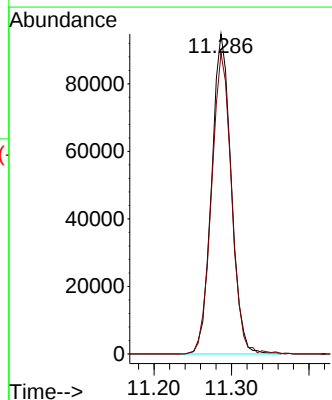
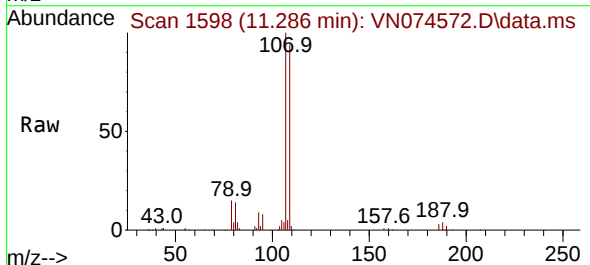
Reviewed By :John
Carlone
09/19/2022

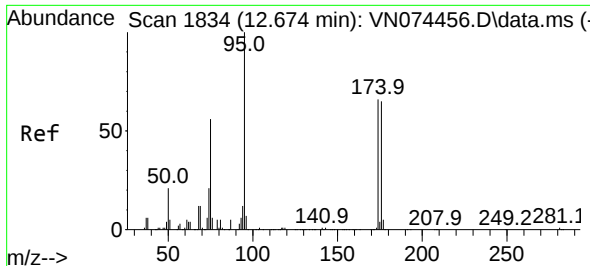
Supervised By :Mahesh
Dadoda
09/19/2022



#61
1,2-Dibromoethane
Concen: 49.615 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

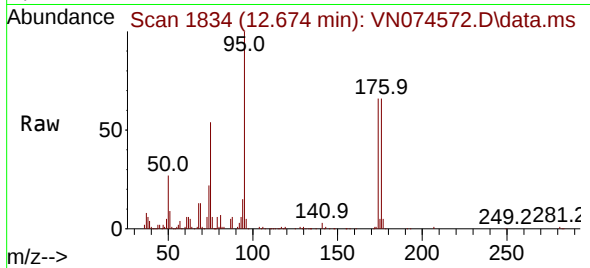
Tgt Ion:107 Resp: 166163
Ion Ratio Lower Upper
107 100
109 95.9 75.0 112.6





#62
4-Bromofluorobenzene
Concen: 54.094 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Instrument :
MSVOA_N
ClientSampleId :
HW-43MS

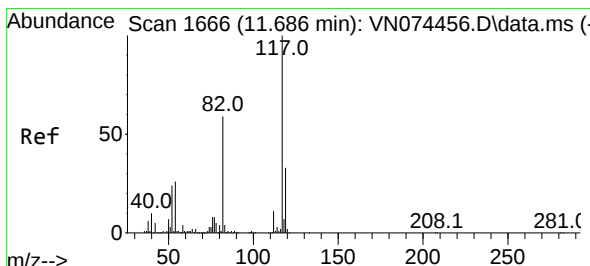
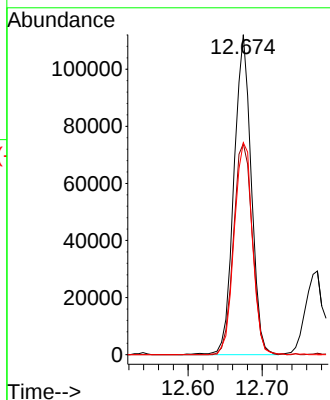
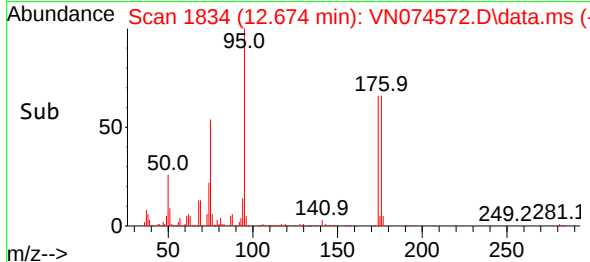


Tgt Ion: 95 Resp: 18168
Ion Ratio Lower Upper
95 100
174 71.6 0.0 167.6
176 69.9 0.0 163.4

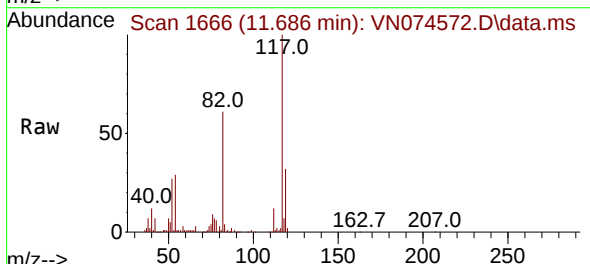
Manual Integrations
APPROVED

Reviewed By :John
Carlone
09/19/2022

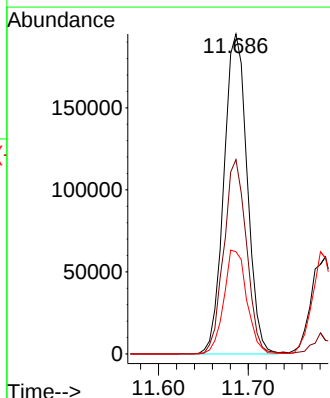
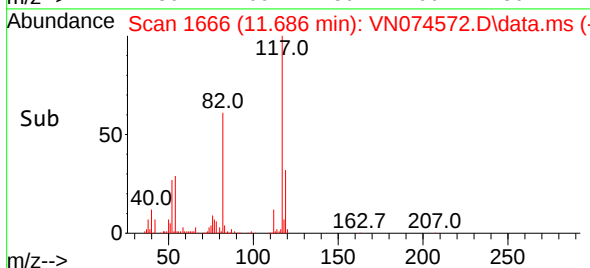
Supervised By :Mahesh
Dadoda
09/19/2022

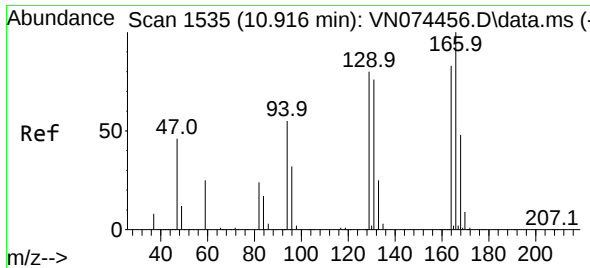


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45



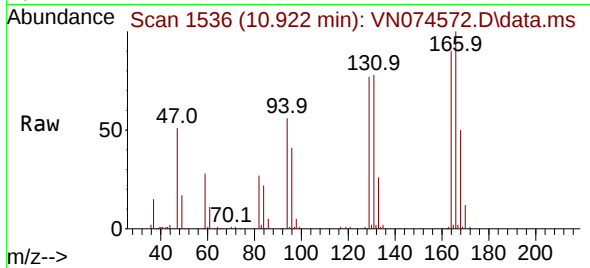
Tgt Ion:117 Resp: 351403
Ion Ratio Lower Upper
117 100
82 60.7 44.2 66.2
119 32.0 25.4 38.0





#64
Tetrachloroethene
Concen: 46.876 ug/l
RT: 10.922 min Scan# 1536
Delta R.T. 0.006 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Instrument :
MSVOA_N
ClientSampleId :
HW-43MS

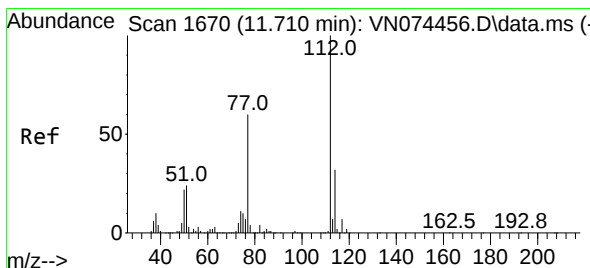
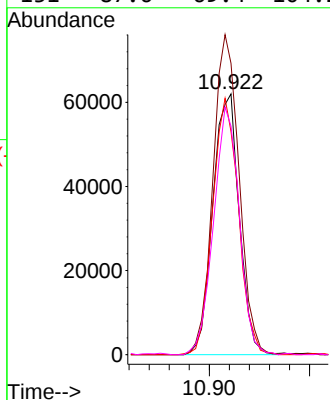


Tgt Ion:164 Resp: 113045
Ion Ratio Lower Upper
164 100
166 111.7 104.2 156.2
129 85.5 73.9 110.9
131 87.6 69.4 104.2

Manual Integrations
APPROVED

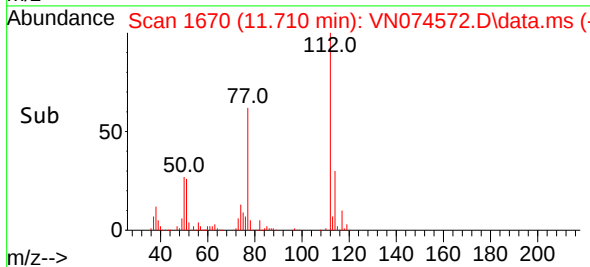
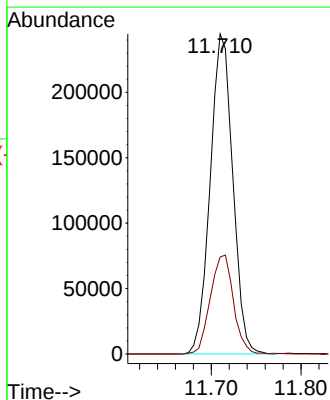
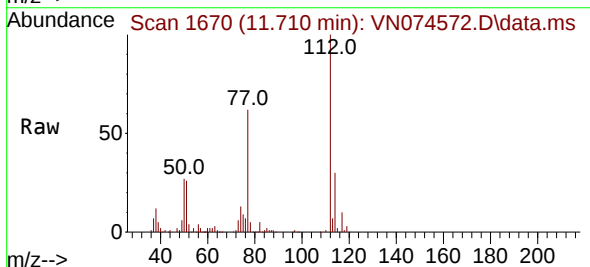
Reviewed By :John
Carlone
09/19/2022

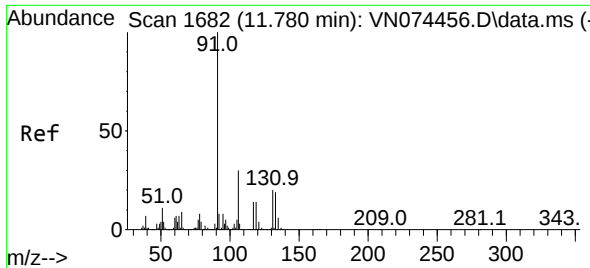
Supervised By :Mahesh
Dadoda
09/19/2022



#65
Chlorobenzene
Concen: 48.447 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

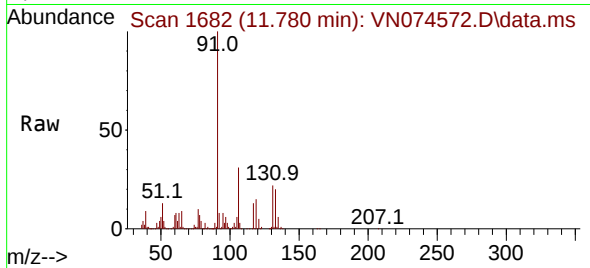
Tgt Ion:112 Resp: 427392
Ion Ratio Lower Upper
112 100
114 30.3 25.4 38.2





#66
 1,1,1,2-Tetrachloroethane
 Concen: 48.688 ug/l
 RT: 11.780 min Scan# 1682
 Delta R.T. 0.000 min
 Lab File: VN074572.D
 Acq: 17 Sep 2022 21:45

Instrument :
 MSVOA_N
 ClientSampleId :
 HW-43MS

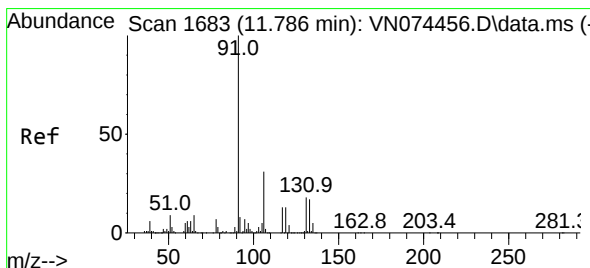
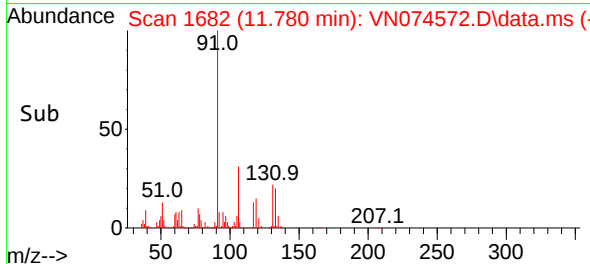
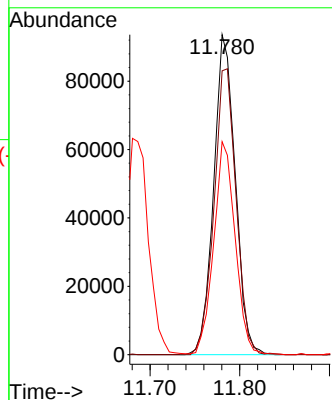


Tgt Ion: 131 Resp: 156050
 Ion Ratio Lower Upper
 131 100
 133 91.9 47.8 143.4
 119 66.5 33.4 100.2

Manual Integrations
 APPROVED

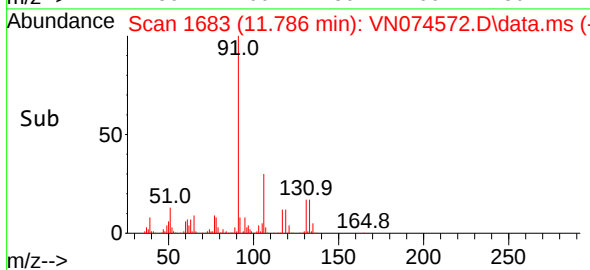
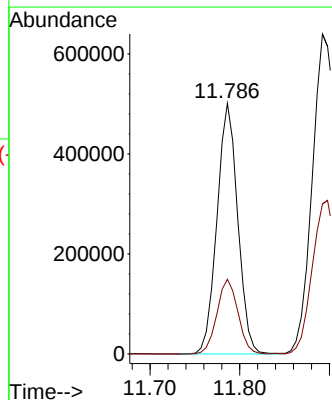
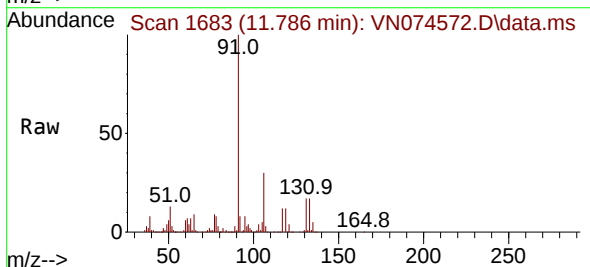
Reviewed By :John
 Carlone
 09/19/2022

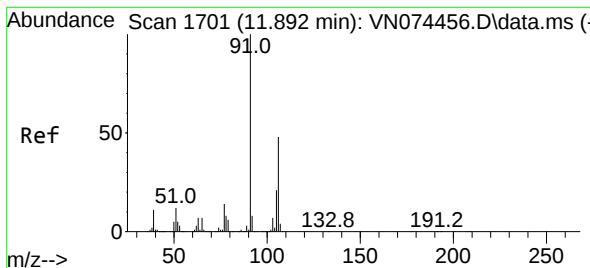
Supervised By :Mahesh
 Dadoda
 09/19/2022



#67
 Ethyl Benzene
 Concen: 49.640 ug/l
 RT: 11.786 min Scan# 1683
 Delta R.T. 0.000 min
 Lab File: VN074572.D
 Acq: 17 Sep 2022 21:45

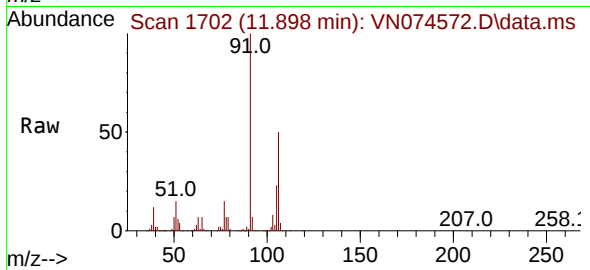
Tgt Ion: 91 Resp: 804007
 Ion Ratio Lower Upper
 91 100
 106 29.8 24.9 37.3





#68
m/p-Xylenes
Concen: 101.078 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Instrument :
MSVOA_N
ClientSampleId :
HW-43MS

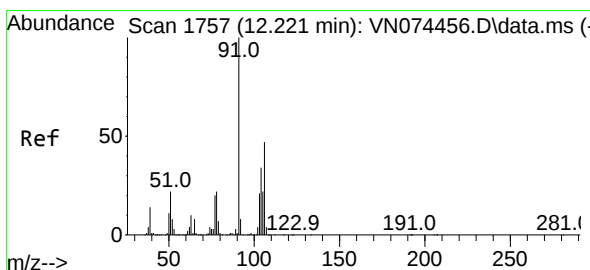
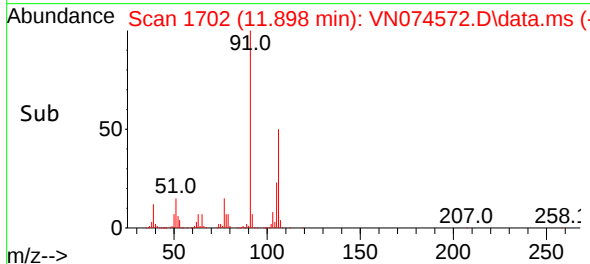
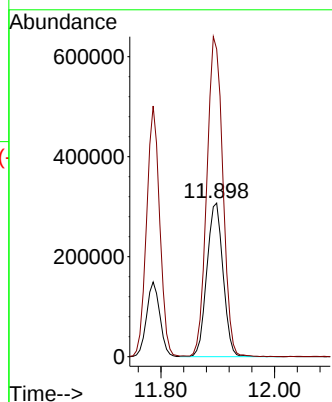


Tgt Ion:106 Resp: 605293
Ion Ratio Lower Upper
106 100
91 205.8 158.9 238.3

Manual Integrations
APPROVED

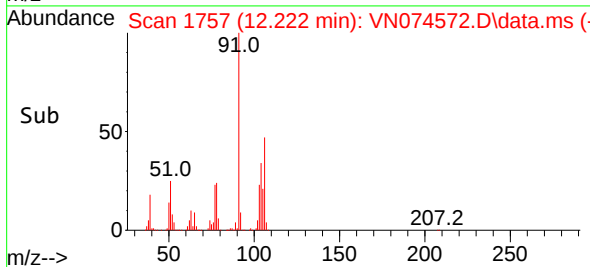
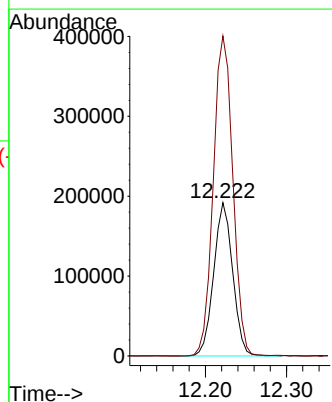
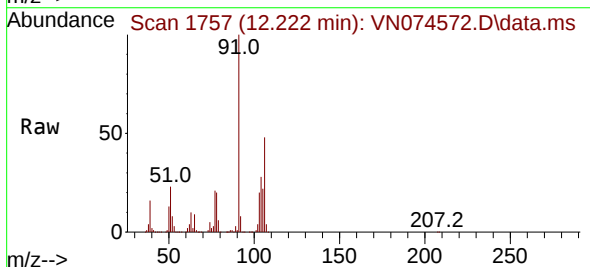
Reviewed By :John
Carlone
09/19/2022

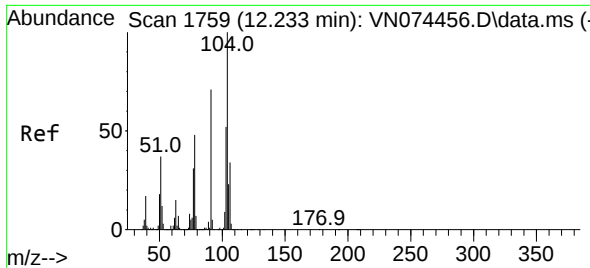
Supervised By :Mahesh
Dadoda
09/19/2022



#69
o-Xylene
Concen: 51.023 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.001 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

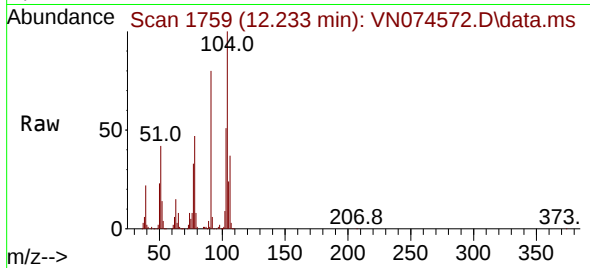
Tgt Ion:106 Resp: 311530
Ion Ratio Lower Upper
106 100
91 215.0 106.0 318.0





#70
Styrene
Concen: 48.749 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Instrument :
MSVOA_N
ClientSampleId :
HW-43MS

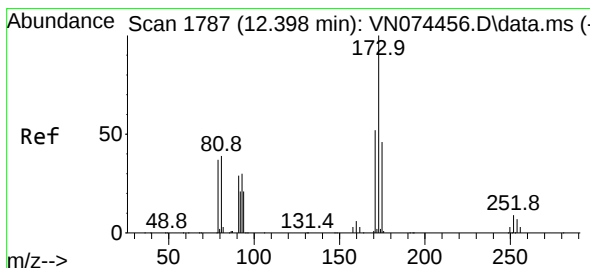
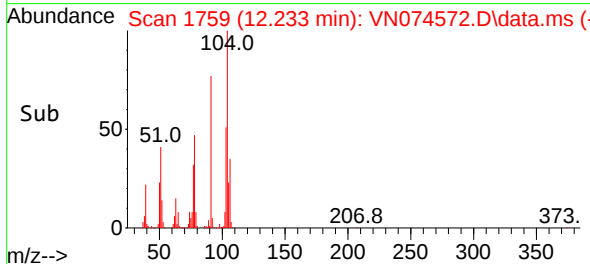
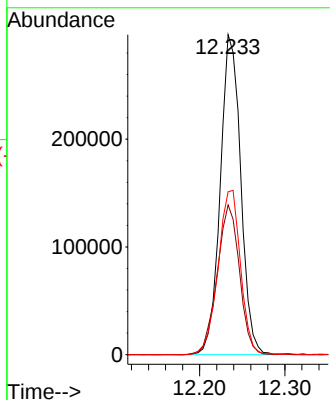


Tgt Ion:104 Resp: 495125
Ion Ratio Lower Upper
104 100
78 51.1 39.5 59.3
103 56.4 44.0 66.0

Manual Integrations
APPROVED

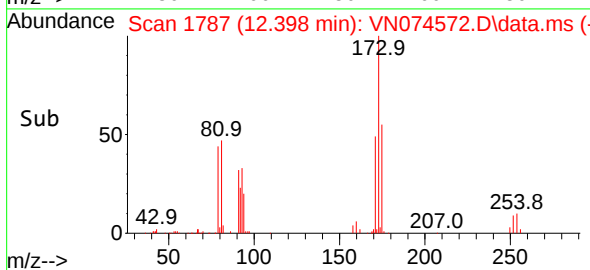
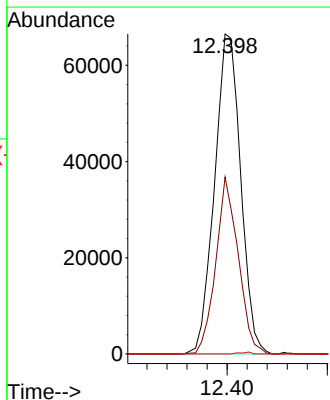
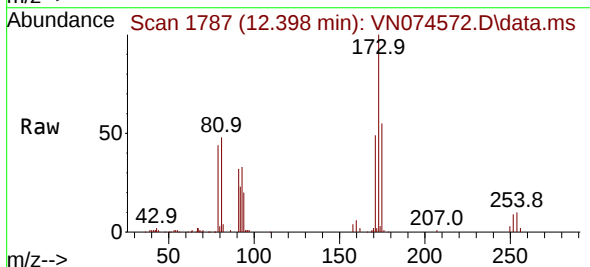
Reviewed By :John
Carlone
09/19/2022

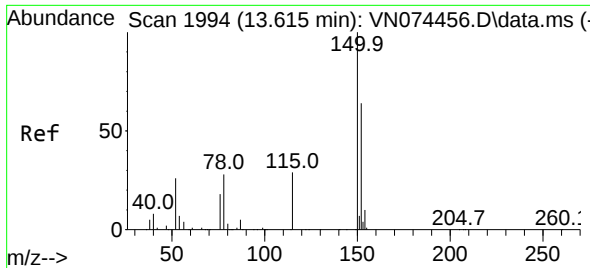
Supervised By :Mahesh
Dadoda
09/19/2022



#71
Bromoform
Concen: 50.983 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. -0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

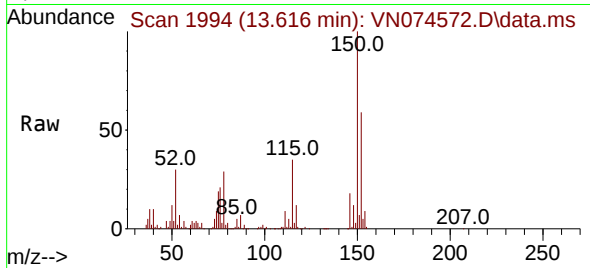
Tgt Ion:173 Resp: 120103
Ion Ratio Lower Upper
173 100
175 47.5 24.6 73.6
254 0.0 0.1 0.1#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Instrument :
MSVOA_N
ClientSampleId :
HW-43MS

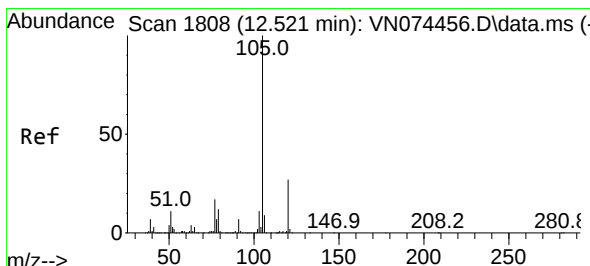
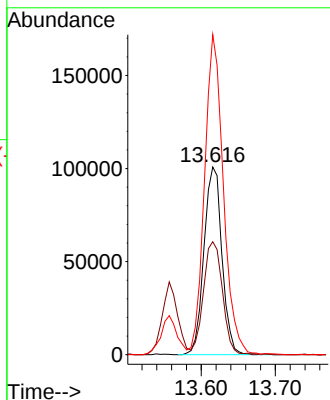
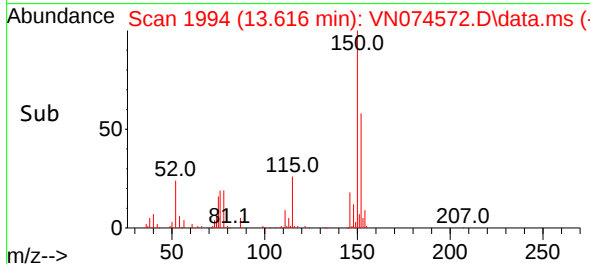


Tgt Ion:152 Resp: 170174
Ion Ratio Lower Upper
152 100
115 63.1 28.9 86.7
150 177.6 0.0 356.2

Manual Integrations
APPROVED

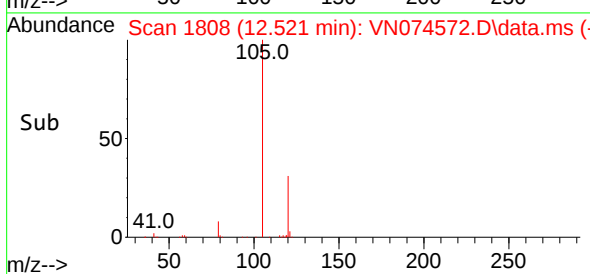
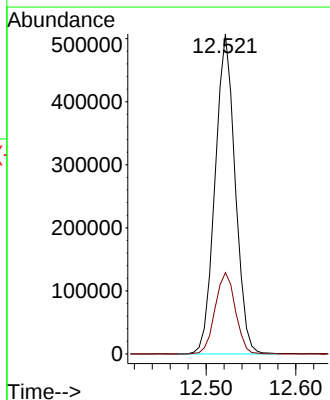
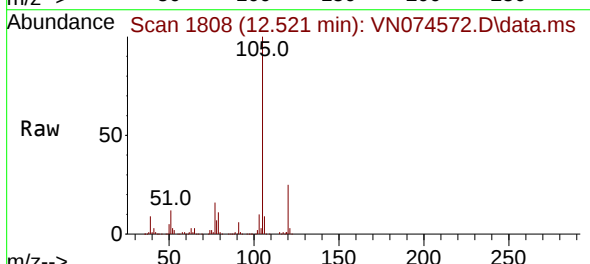
Reviewed By :John
Carlone
09/19/2022

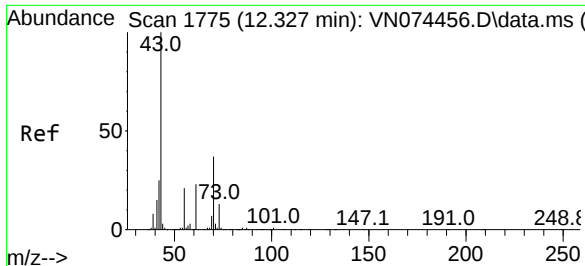
Supervised By :Mahesh
Dadoda
09/19/2022



#73
Isopropylbenzene
Concen: 45.260 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

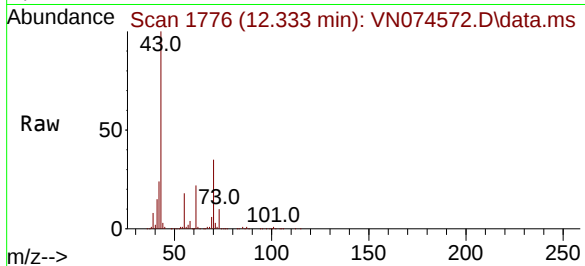
Tgt Ion:105 Resp: 788635
Ion Ratio Lower Upper
105 100
120 25.6 13.5 40.4





#74
N-amy1 acetate
Concen: 45.593 ug/l
RT: 12.333 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Instrument :
MSVOA_N
ClientSampleId :
HW-43MS

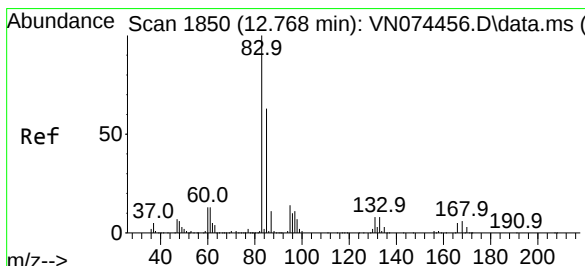
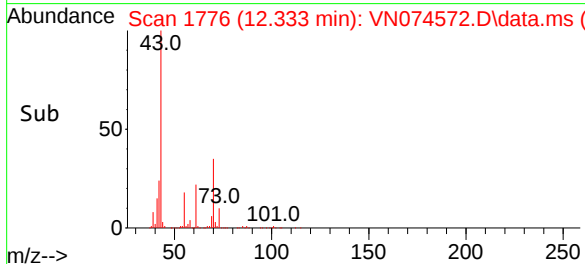
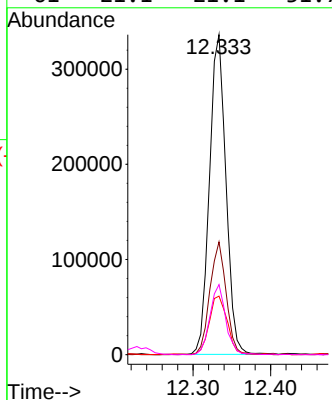


Tgt Ion: 43 Resp: 496711
Ion Ratio Lower Upper
43 100
70 34.9 39.0 58.4
55 19.9 21.1 31.7
61 21.1 21.1 31.7

Manual Integrations
APPROVED

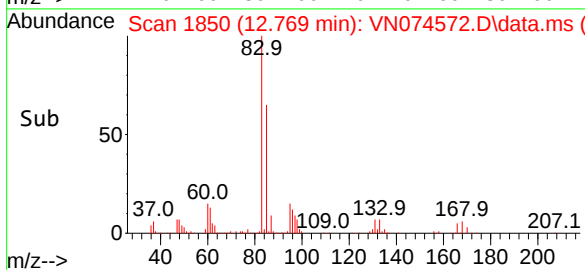
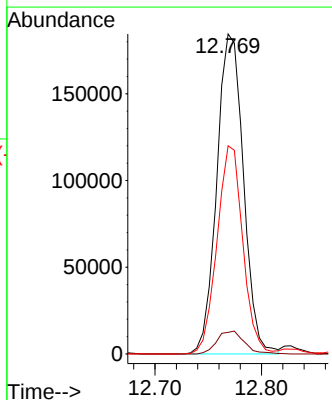
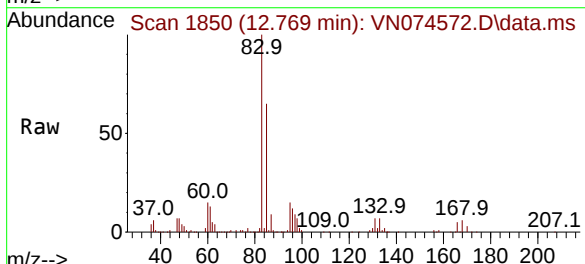
Reviewed By :John
Carlone
09/19/2022

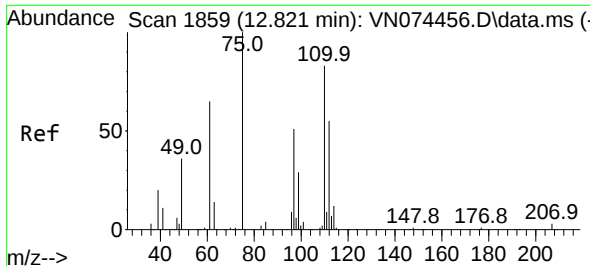
Supervised By :Mahesh
Dadoda
09/19/2022



#75
1,1,2,2-Tetrachloroethane
Concen: 45.954 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.001 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

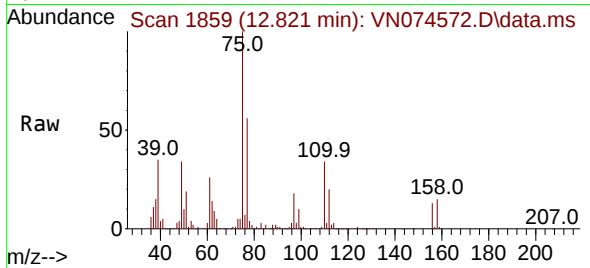
Tgt Ion: 83 Resp: 320881
Ion Ratio Lower Upper
83 100
131 7.4 5.3 15.9
85 62.8 32.3 96.9





#76
1,2,3-Trichloropropane
Concen: 44.112 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Instrument :
MSVOA_N
ClientSampleId :
HW-43MS

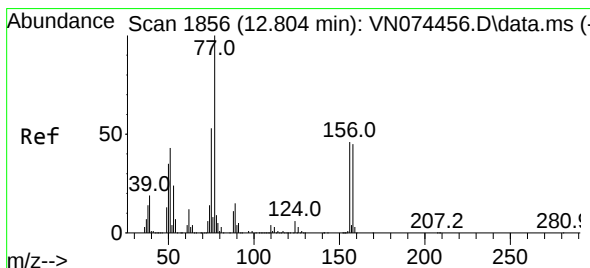
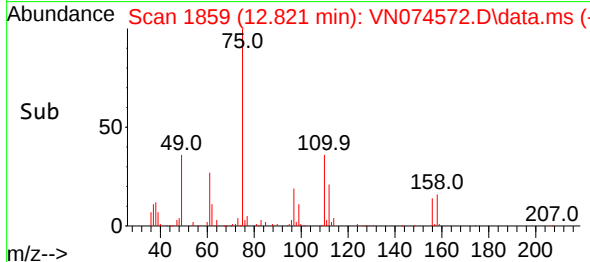
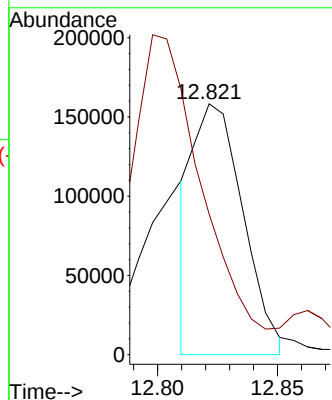


Tgt Ion: 75 Resp: 231063
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5

Manual Integrations
APPROVED

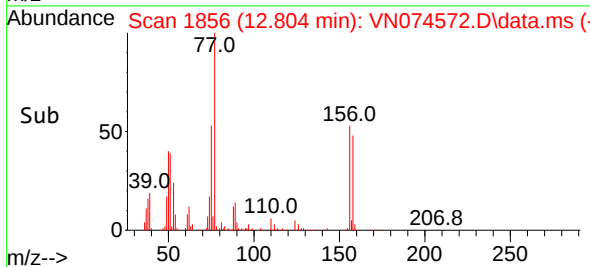
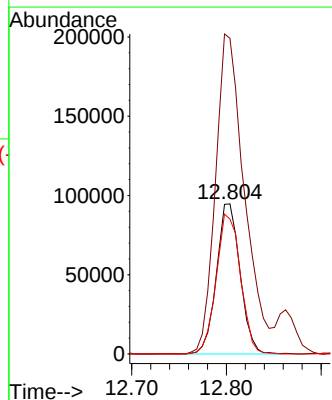
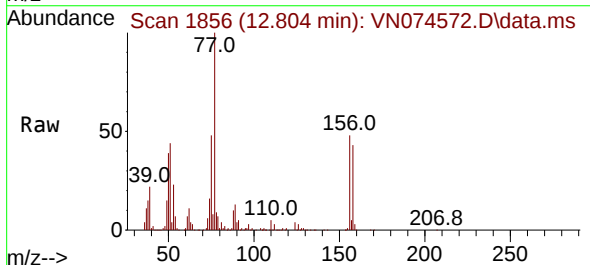
Reviewed By :John
Carlone
09/19/2022

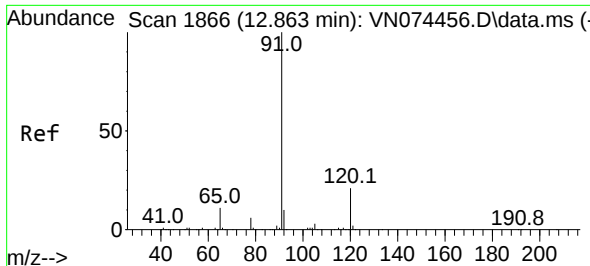
Supervised By :Mahesh
Dadoda
09/19/2022



#77
Bromobenzene
Concen: 44.012 ug/l
RT: 12.804 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

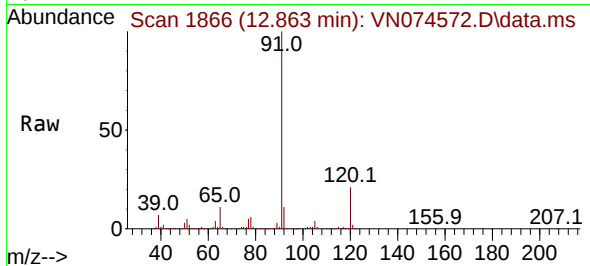
Tgt Ion:156 Resp: 163819
Ion Ratio Lower Upper
156 100
77 259.0 100.5 301.5
158 96.1 48.9 146.6





#78
n-propylbenzene
Concen: 46.687 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Instrument :
MSVOA_N
ClientSampleId :
HW-43MS

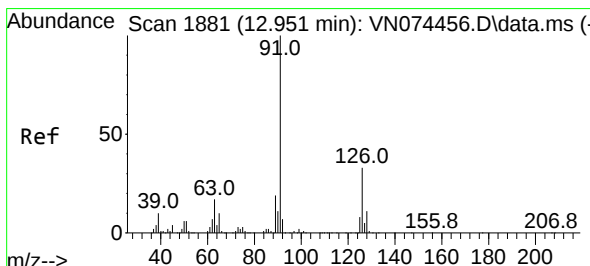
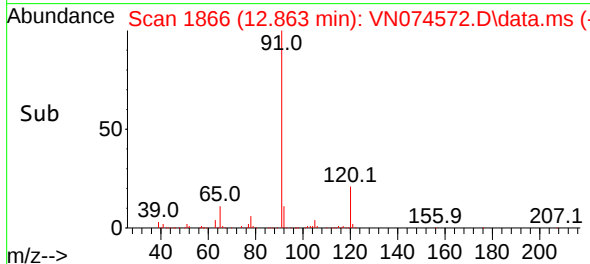
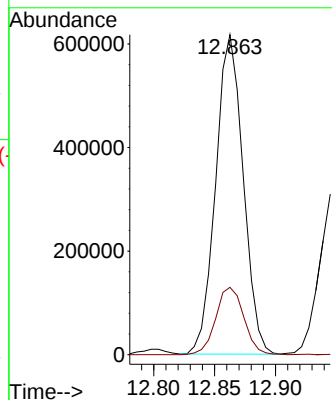


Tgt Ion: 91 Resp: 968879
Ion Ratio Lower Upper
91 100
120 21.5 11.9 35.5

Manual Integrations
APPROVED

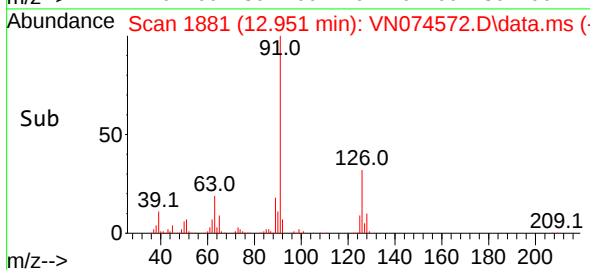
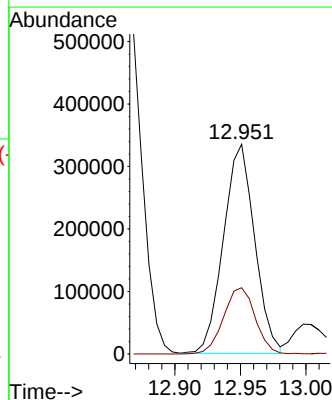
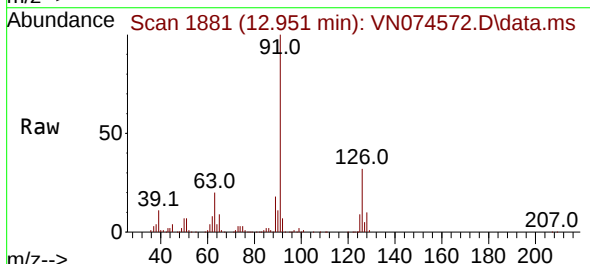
Reviewed By :John
Carlone
09/19/2022

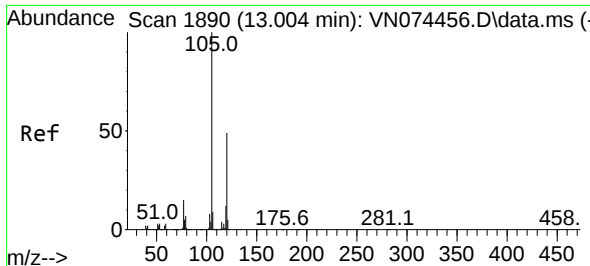
Supervised By :Mahesh
Dadoda
09/19/2022



#79
2-Chlorotoluene
Concen: 44.792 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

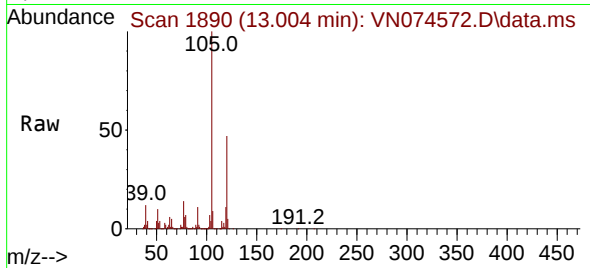
Tgt Ion: 91 Resp: 554918
Ion Ratio Lower Upper
91 100
126 32.1 17.3 51.9





#80
1,3,5-Trimethylbenzene
Concen: 46.174 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Instrument :
MSVOA_N
ClientSampleId :
HW-43MS

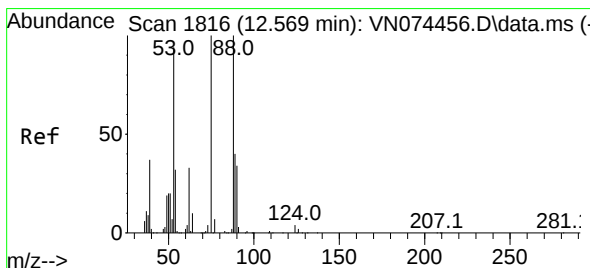
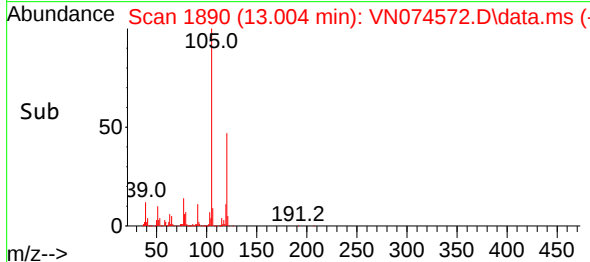
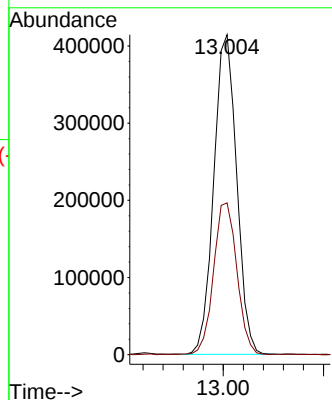


Tgt Ion:105 Resp: 655860
Ion Ratio Lower Upper
105 100
120 48.5 24.9 74.7

Manual Integrations
APPROVED

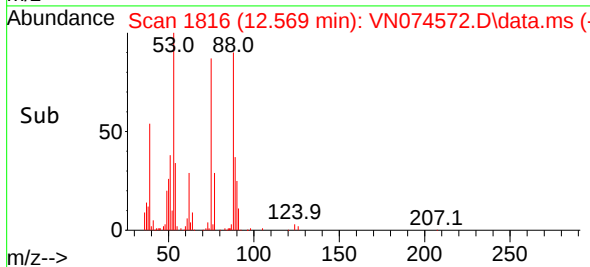
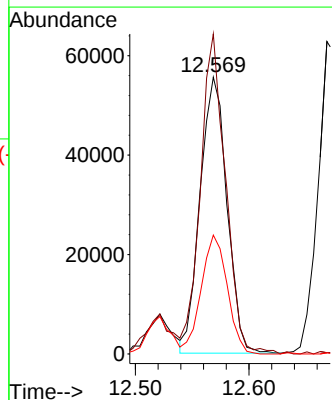
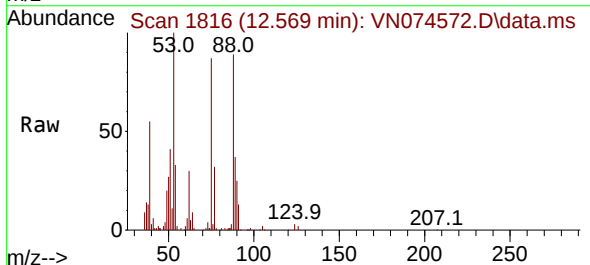
Reviewed By :John
Carlone
09/19/2022

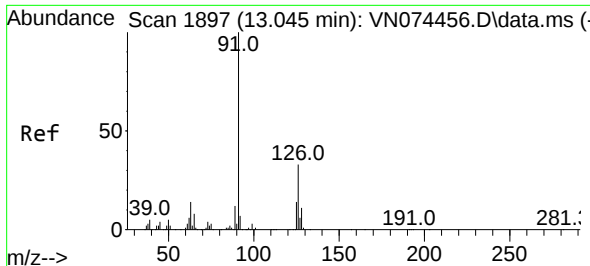
Supervised By :Mahesh
Dadoda
09/19/2022



#81
trans-1,4-Dichloro-2-butene
Concen: 37.605 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

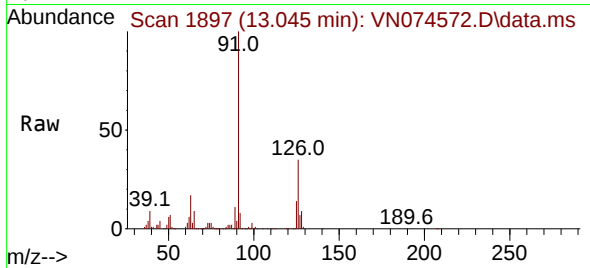
Tgt Ion: 75 Resp: 91264
Ion Ratio Lower Upper
75 100
53 108.3 78.0 117.0
89 41.9 37.2 55.8





#82
4-Chlorotoluene
Concen: 46.372 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Instrument :
MSVOA_N
ClientSampleId :
HW-43MS

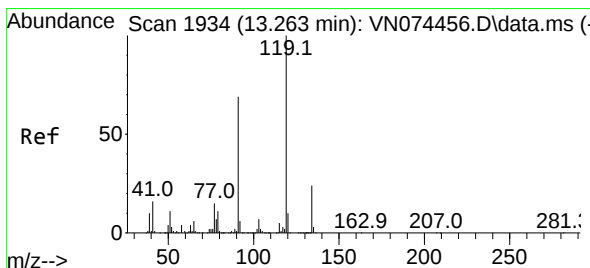
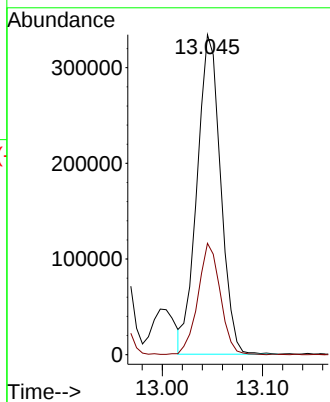
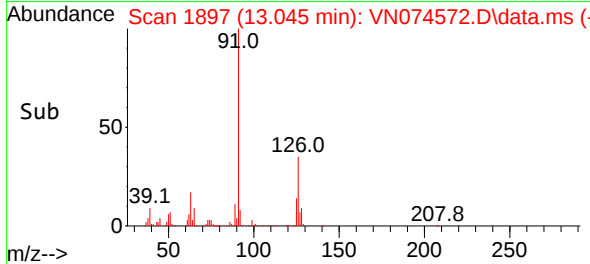


Tgt Ion: 91 Resp: 546058
Ion Ratio Lower Upper
91 100
126 33.1 17.2 51.6

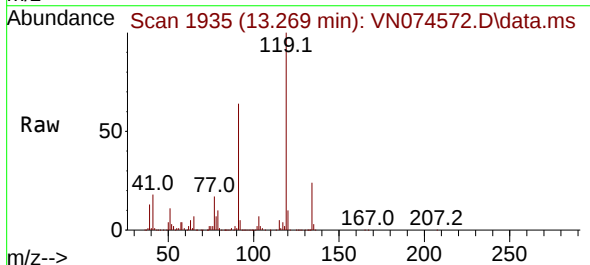
Manual Integrations
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Reviewed By :John
Carlone
09/19/2022

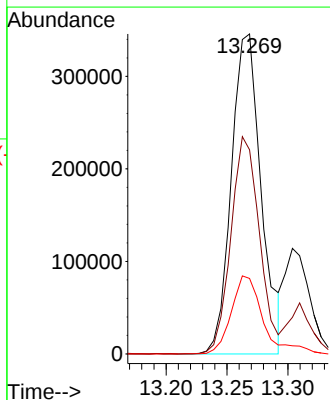
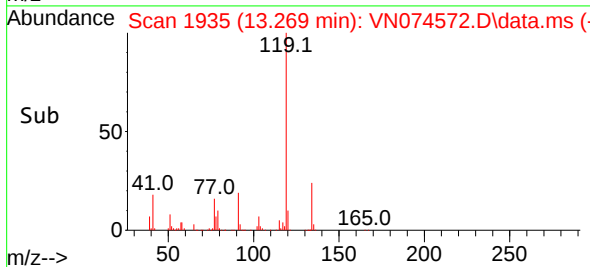
Supervised By :Mahesh
Dadoda
09/19/2022

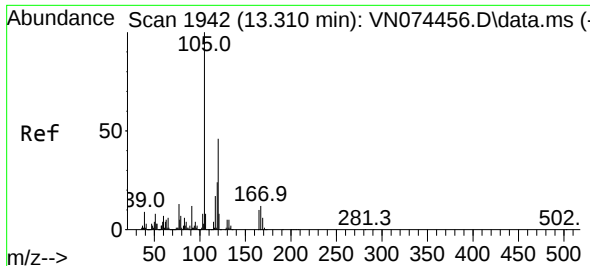


#83
tert-Butylbenzene
Concen: 45.566 ug/l
RT: 13.269 min Scan# 1935
Delta R.T. 0.005 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45



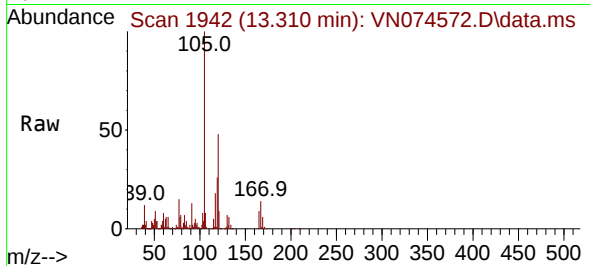
Tgt Ion:119 Resp: 589037
Ion Ratio Lower Upper
119 100
91 65.1 31.6 94.8
134 26.1 13.7 41.1





#84
1,2,4-Trimethylbenzene
Concen: 46.246 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Instrument :
MSVOA_N
ClientSampleId :
HW-43MS

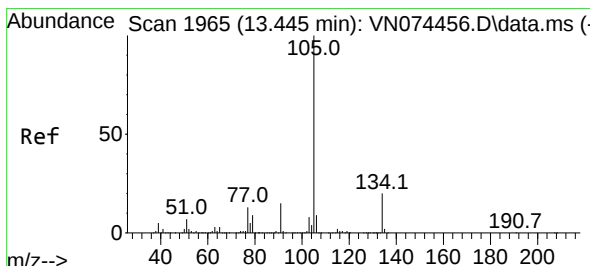
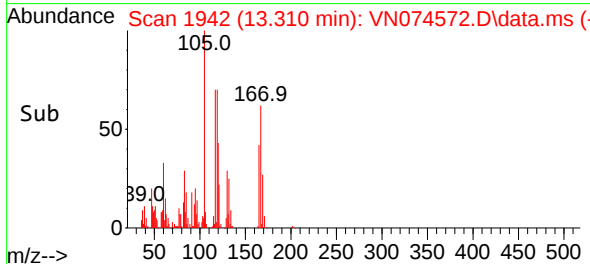
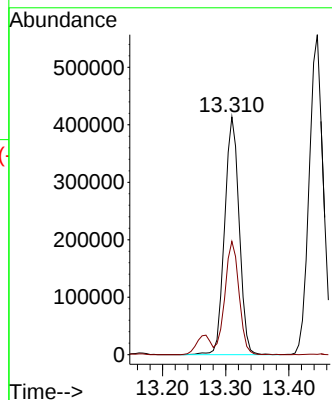


Tgt Ion:105 Resp: 661063
Ion Ratio Lower Upper
105 100
120 46.1 23.3 69.8

Manual Integrations
APPROVED

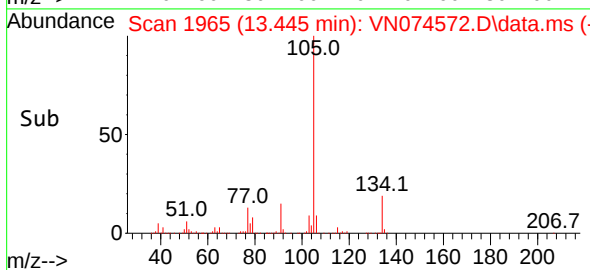
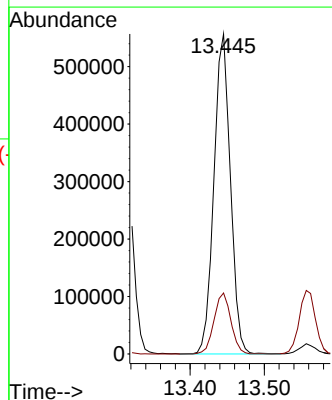
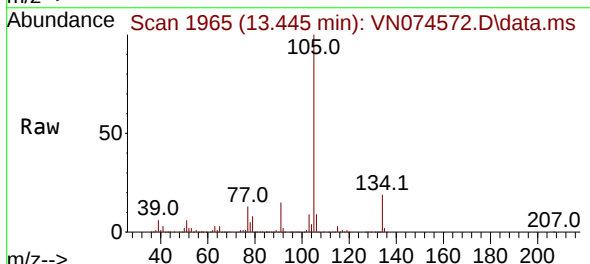
Reviewed By :John
Carlone
09/19/2022

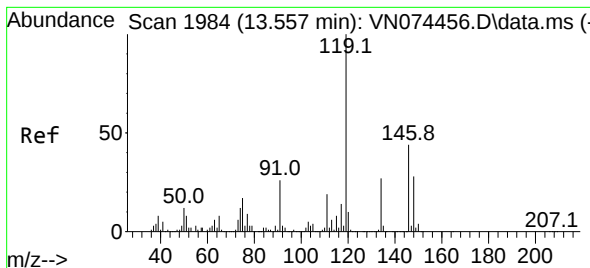
Supervised By :Mahesh
Dadoda
09/19/2022



#85
sec-Butylbenzene
Concen: 48.426 ug/l
RT: 13.445 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

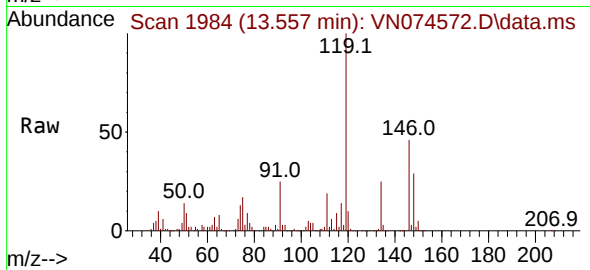
Tgt Ion:105 Resp: 859551
Ion Ratio Lower Upper
105 100
134 19.5 10.4 31.1





#86
p-Isopropyltoluene
Concen: 48.926 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Instrument :
MSVOA_N
ClientSampleId :
HW-43MS

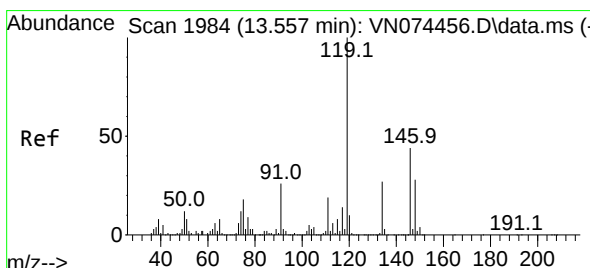
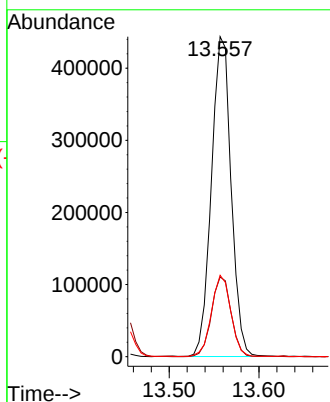
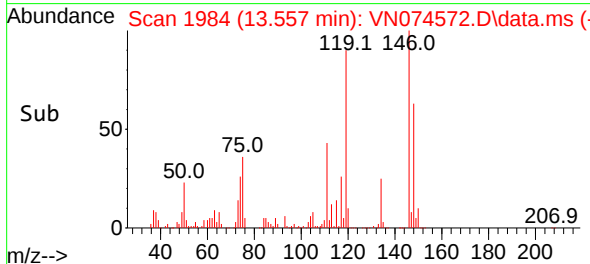


Tgt Ion:119 Resp: 677023
Ion Ratio Lower Upper
119 100
134 25.0 13.3 39.8
91 25.0 11.3 33.9

Manual Integrations
APPROVED

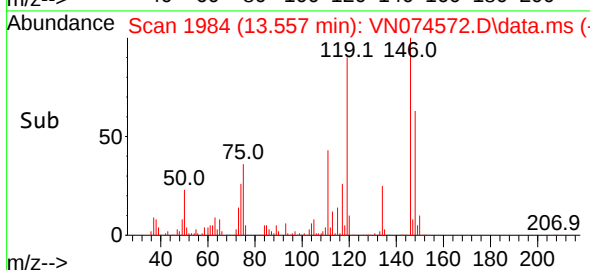
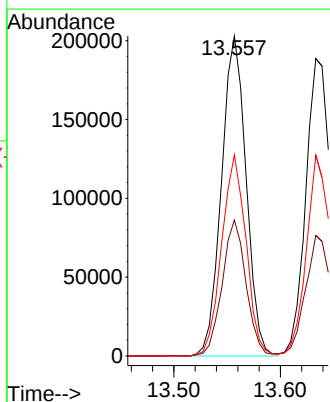
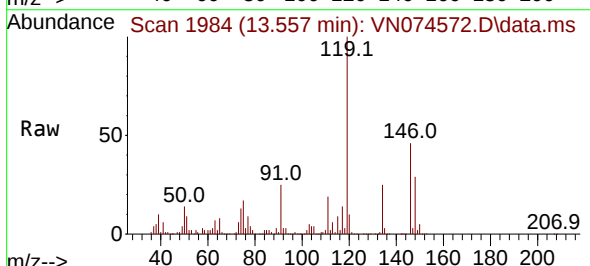
Reviewed By :John
Carlone
09/19/2022

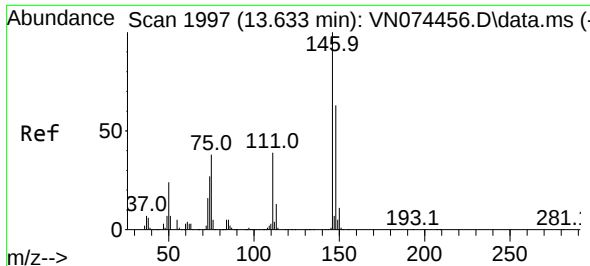
Supervised By :Mahesh
Dadoda
09/19/2022



#87
1,3-Dichlorobenzene
Concen: 47.692 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

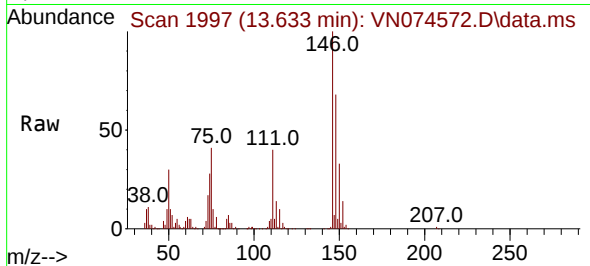
Tgt Ion:146 Resp: 326206
Ion Ratio Lower Upper
146 100
111 41.1 20.0 60.0
148 62.2 32.0 96.0





#88
1,4-Dichlorobenzene
Concen: 45.553 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Instrument :
MSVOA_N
ClientSampleId :
HW-43MS

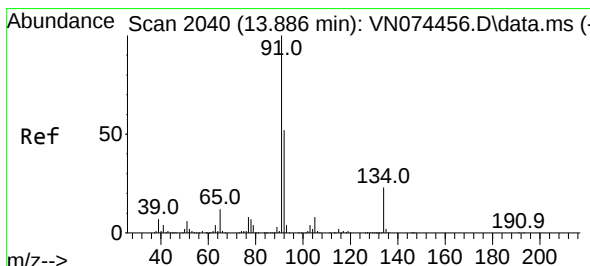
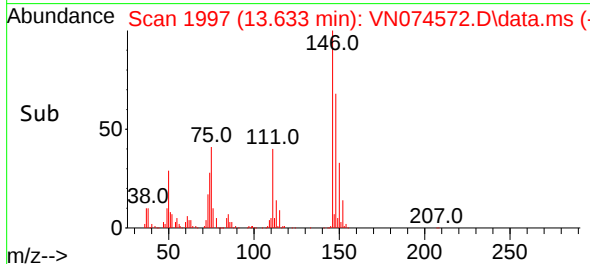
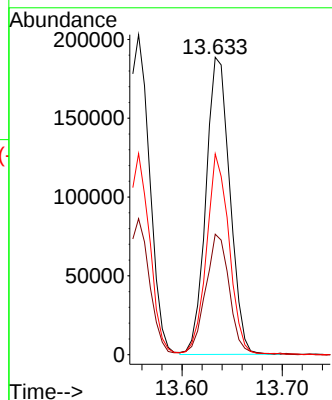


Tgt Ion:146 Resp: 313149
Ion Ratio Lower Upper
146 100
111 40.1 19.1 57.1
148 64.2 31.4 94.3

Manual Integrations
APPROVED

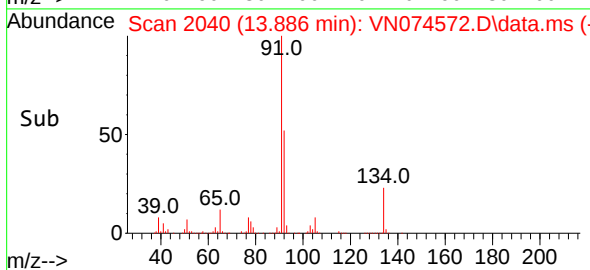
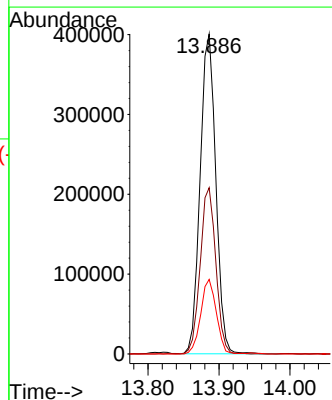
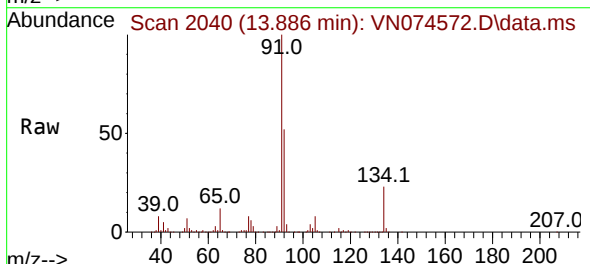
Reviewed By :John
Carlone
09/19/2022

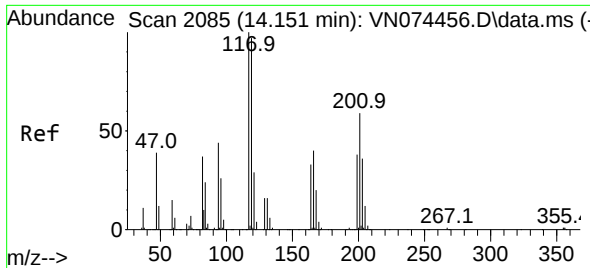
Supervised By :Mahesh
Dadoda
09/19/2022



#89
n-Butylbenzene
Concen: 49.315 ug/l
RT: 13.886 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

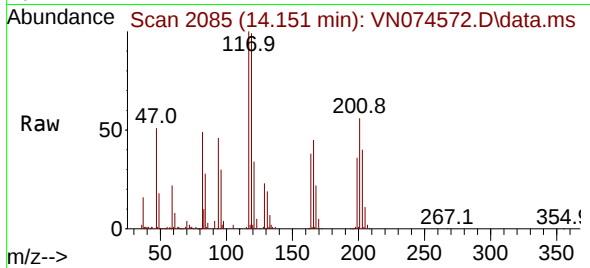
Tgt Ion: 91 Resp: 615087
Ion Ratio Lower Upper
91 100
92 52.0 26.9 80.7
134 23.2 13.6 40.8





#90
Hexachloroethane
Concen: 43.723 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. -0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Instrument :
MSVOA_N
ClientSampleId :
HW-43MS

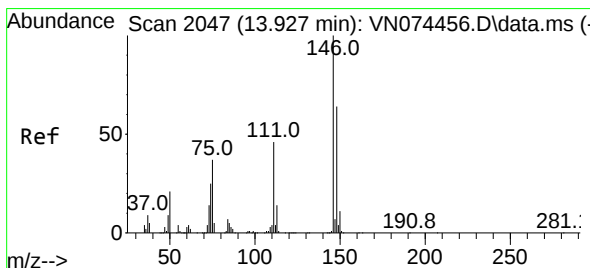
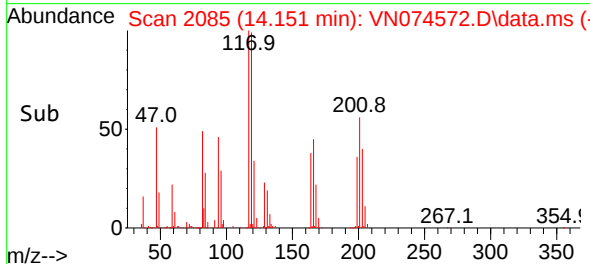
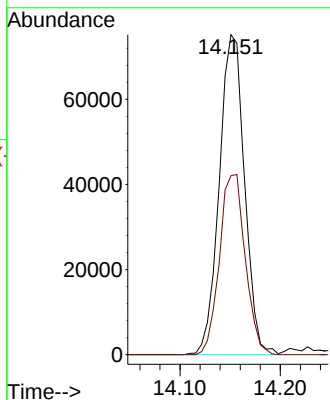


Tgt Ion:117 Resp: 131644
Ion Ratio Lower Upper
117 100
201 57.4 40.6 122.0

Manual Integrations
APPROVED

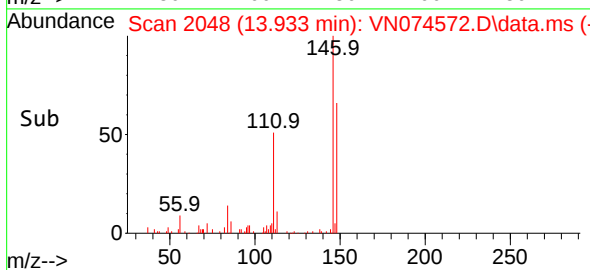
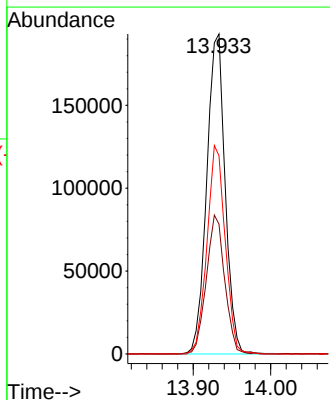
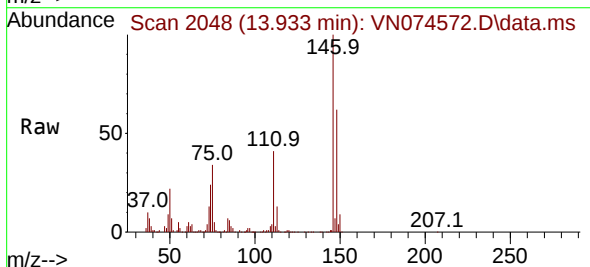
Reviewed By :John
Carlone
09/19/2022

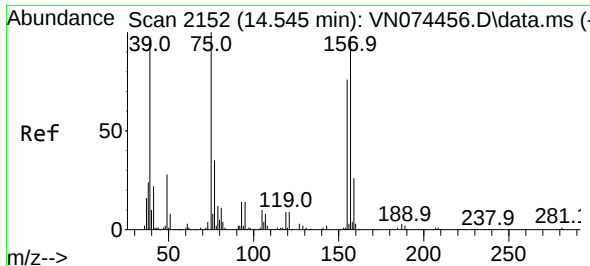
Supervised By :Mahesh
Dadoda
09/19/2022



#91
1,2-Dichlorobenzene
Concen: 44.965 ug/l
RT: 13.933 min Scan# 2048
Delta R.T. 0.006 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

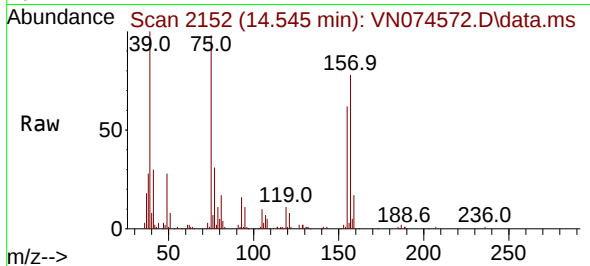
Tgt Ion:146 Resp: 319068
Ion Ratio Lower Upper
146 100
111 43.5 20.9 62.8
148 64.6 32.1 96.3





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.064 ug/l
 RT: 14.545 min Scan# 2152
 Delta R.T. -0.000 min
 Lab File: VN074572.D
 Acq: 17 Sep 2022 21:45

Instrument :
 MSVOA_N
 ClientSampleId :
 HW-43MS

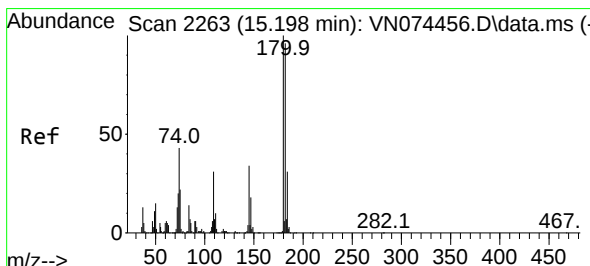
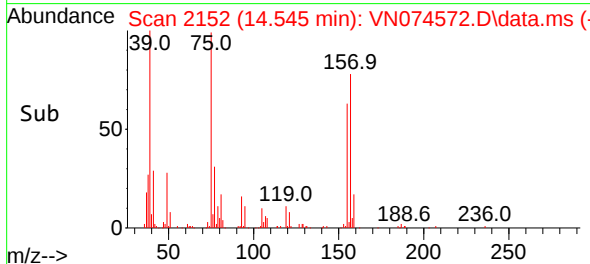
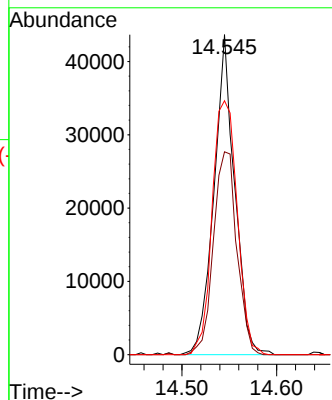


Tgt Ion: 75 Resp: 66400
 Ion Ratio Lower Upper
 75 100
 155 71.7 44.9 134.5
 157 95.8 59.0 176.8

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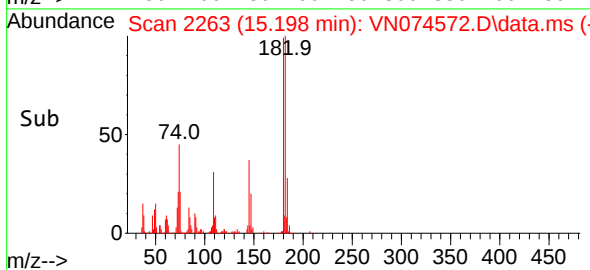
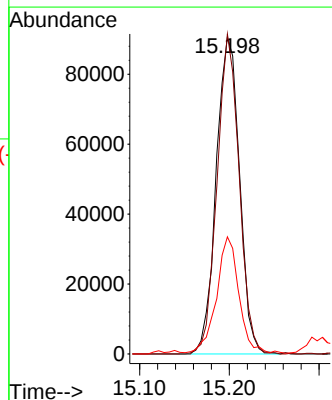
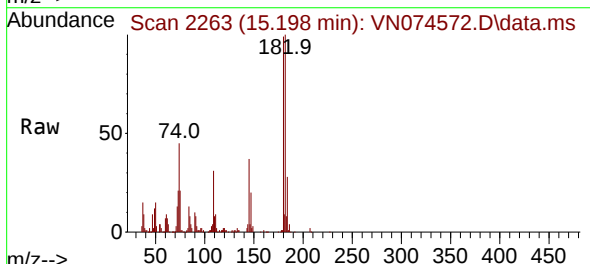
Reviewed By :John
 Carlone
 09/19/2022

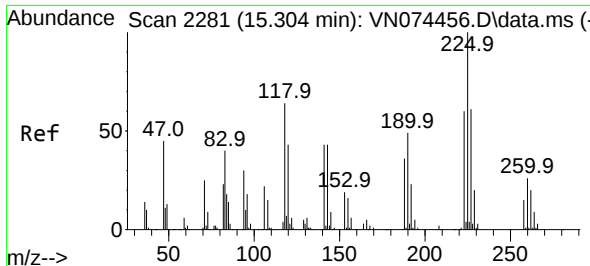
Supervised By :Mahesh
 Dadoda
 09/19/2022



#93
 1,2,4-Trichlorobenzene
 Concen: 48.402 ug/l
 RT: 15.198 min Scan# 2263
 Delta R.T. -0.000 min
 Lab File: VN074572.D
 Acq: 17 Sep 2022 21:45

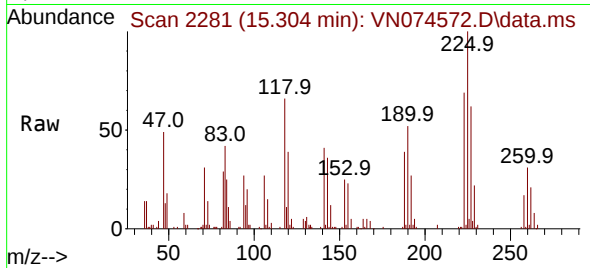
Tgt Ion:180 Resp: 163628
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.5 142.5
 145 35.2 14.5 43.5





#94
Hexachlorobutadiene
Concen: 45.970 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. -0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

Instrument :
MSVOA_N
ClientSampleId :
HW-43MS

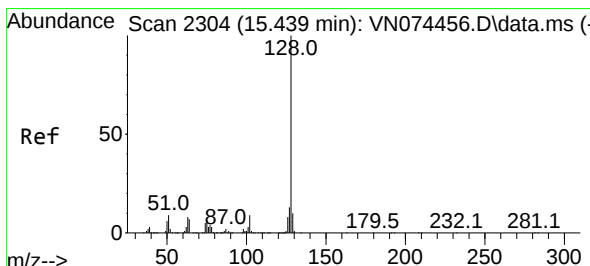
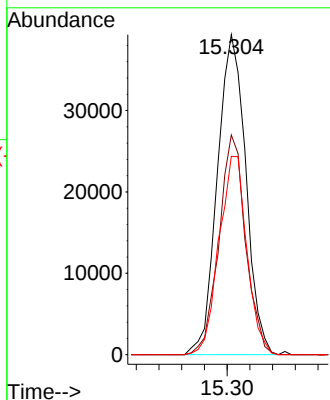
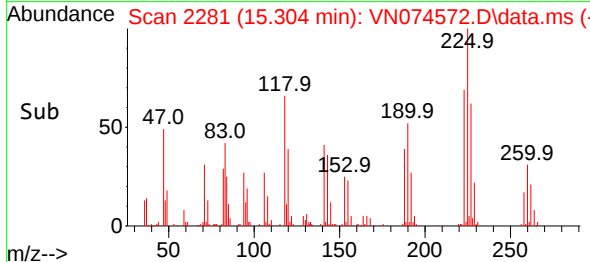


Tgt Ion:225 Resp: 68300
Ion Ratio Lower Upper
225 100
223 64.4 32.4 97.2
227 60.8 31.8 95.4

Manual Integrations
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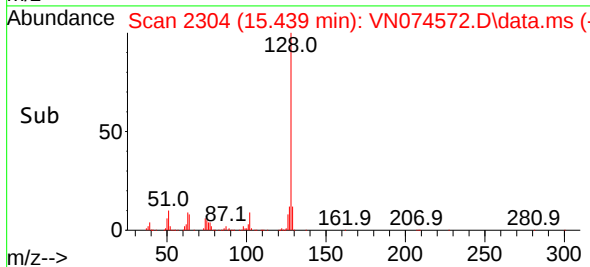
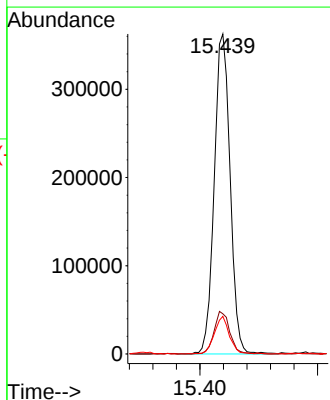
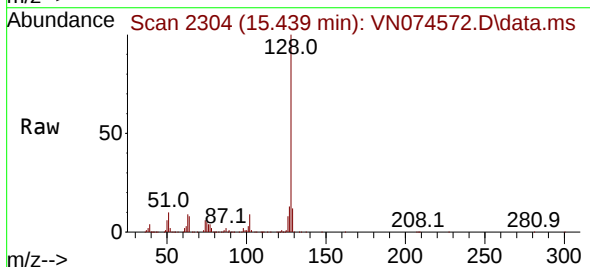
Reviewed By :John
Carlone
09/19/2022

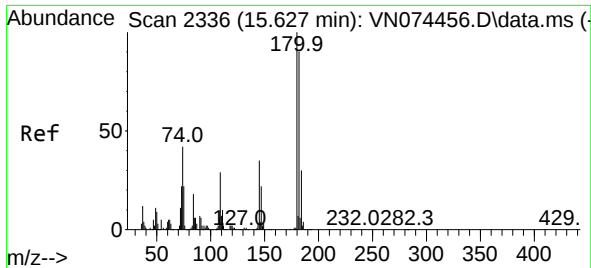
Supervised By :Mahesh
Dadoda
09/19/2022



#95
Naphthalene
Concen: 46.769 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN074572.D
Acq: 17 Sep 2022 21:45

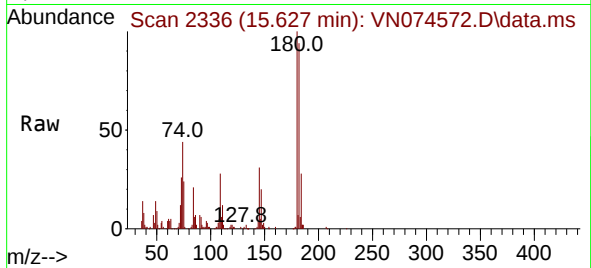
Tgt Ion:128 Resp: 679695
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.1 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 46.099 ug/l
 RT: 15.627 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN074572.D
 Acq: 17 Sep 2022 21:45

Instrument :
 MSVOA_N
 ClientSampleId :
 HW-43MS



Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.7	47.8	143.3
145	37.2	15.5	46.5

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 09/19/2022

Supervised By :Mahesh
 Dadoda
 09/19/2022

