

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062323\
 Data File : VN078367.D
 Acq On : 23 Jun 2023 10:22
 Operator : JC\MD
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Quant Time: Jun 24 00:31:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 24 00:28:04 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

06/24/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Bromochloromethane	7.824	128	86156	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	492131	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	441224	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	196594	30.302	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.000%
60) 4-Bromofluorobenzene	12.853	95	195063	31.379	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	104.600%
63) Toluene-d8	10.571	98	630538	29.494	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	248254	47.575	ug/l	100
3) Chloromethane	2.371	50	295169	46.904	ug/l	94
4) Vinyl Chloride	2.524	62	361544	46.705	ug/l	94
5) Bromomethane	2.965	94	250284	39.772	ug/l	97
6) Chloroethane	3.130	64	250404	45.414	ug/l	95
7) Trichlorofluoromethane	3.506	101	429982	47.194	ug/l	98
8) Diethyl Ether	3.971	74	143112	47.056	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	227038	45.842	ug/l	98
10) 1,1-Dichloroethene	4.353	96	228807	47.116	ug/l	97
11) Methyl Iodide	4.606	142	344525	50.078	ug/l	99
12) Methyl Acetate	5.036	43	347200	46.099	ug/l	96
13) Acrolein	4.189	56	218046	231.143	ug/l	98
14) Acrylonitrile	5.730	53	501188	242.370	ug/l	97
15) Acetone	4.436	58	130621	225.558	ug/l	84
16) Carbon Disulfide	4.724	76	616642	46.469	ug/l	96
17) Allyl chloride	5.036	41	288611	47.288	ug/l	96
18) Methylene Chloride	5.289	84	269151	46.774	ug/l	97
19) trans-1,2-Dichloroethene	5.794	96	252528	47.120	ug/l	99
20) Diisopropyl ether	6.683	45	705856	48.244	ug/l	99
21) 1,1-Dichloroethane	6.577	63	454902	46.874	ug/l	98
22) cis-1,2-Dichloroethene	7.494	96	292709	48.010	ug/l	98
23) tert-Butyl Alcohol	5.530	59	167824	220.747	ug/l	100
24) Methyl tert-Butyl Ether	5.806	73	733292	47.890	ug/l	100
25) Chloroform	7.977	83	494898	48.255	ug/l	98
26) Cyclohexane	8.265	56	345687	49.772	ug/l #	99
29) 1,1-Dichloropropene	8.377	75	366941	48.099	ug/l	99
30) 2-Butanone	7.494	43	614715	229.884	ug/l	99
31) 2,2-Dichloropropane	7.500	77	393569	48.250	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	444747	47.844	ug/l	99
33) Carbon Tetrachloride	8.371	117	391529	48.307	ug/l	96
34) Benzene	8.612	78	1080844	47.511	ug/l	97
35) Methacrylonitrile	7.788	41	142819	46.542	ug/l	88
36) 1,2-Dichloroethane	8.677	62	369726	47.668	ug/l	100
37) Trichloroethene	9.359	130	276763	47.616	ug/l	95
38) Methylcyclohexane	9.606	83	320521	47.821	ug/l	99
39) 1,2-Dichloropropane	9.629	63	275084	48.271	ug/l	93
40) Dibromomethane	9.712	93	193459	47.045	ug/l	98
41) Bromodichloromethane	9.894	83	384501	48.130	ug/l #	95
42) Vinyl Acetate	6.612	43	2040371	239.528	ug/l	99

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Manual Integrations
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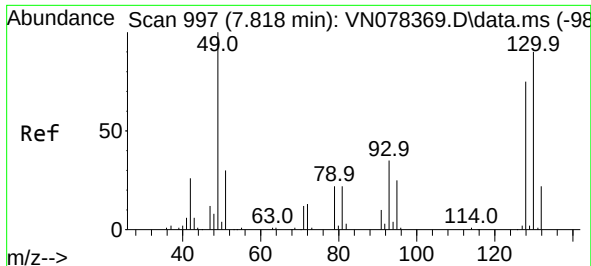
Reviewed By :John
 Carlone

06/24/2023
 Supervised By :Mahesh
 Dadoda

Quant Time: Jun 24 00:31:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062323W.M
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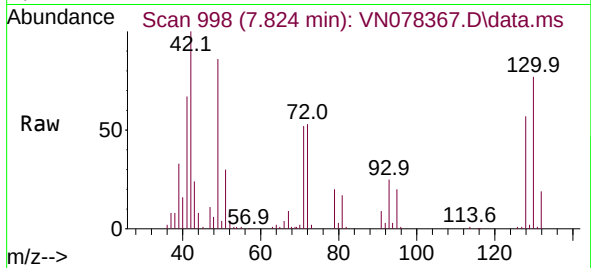
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	272618	49.705	ug/l	96
44) Isopropyl Acetate	8.694	43	481955	47.393	ug/l	100
45) 1,4-Dioxane	9.694	88	81104	925.869	ug/l	93
46) Methyl methacrylate	9.688	41	217195	47.980	ug/l	97
47) n-amyl Acetate	12.500	43	385527	51.573	ug/l	98
48) t-1,3-Dichloropropene	10.841	75	402552	49.089	ug/l	99
49) cis-1,3-Dichloropropene	10.318	75	441793	48.876	ug/l	96
50) 1,1,2-Trichloroethane	11.018	97	265280	48.121	ug/l	99
51) Ethyl methacrylate	10.882	69	374259	49.626	ug/l	94
52) 1,3-Dichloropropane	11.170	76	440410	47.600	ug/l	98
53) Dibromochloromethane	11.365	129	285096	48.758	ug/l	99
54) 1,2-Dibromoethane	11.476	107	263584	47.438	ug/l	98
55) 2-Chloroethyl vinyl ether	10.165	63	717133	257.751	ug/l	98
56) Bromoform	12.582	173	181253	50.641	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	1373912	233.177	ug/l	99
59) 2-Hexanone	11.200	43	956052	234.942	ug/l	100
61) Tetrachloroethene	11.112	164	224825	46.501	ug/l	96
62) Toluene	10.635	91	1202797	46.840	ug/l	100
64) Chlorobenzene	11.894	112	723542	47.539	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.965	131	271195	46.208	ug/l	99
66) Ethyl Benzene	11.970	91	1267146	48.495	ug/l	100
67) m/p-Xylenes	12.076	106	968495	98.028	ug/l	99
68) o-Xylene	12.400	106	468468	48.898	ug/l	99
69) Styrene	12.417	104	765930	50.493	ug/l	99
70) Isopropylbenzene	12.700	105	1146145	48.687	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	357237	46.664	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	319882m	47.402	ug/l	
73) Bromobenzene	12.982	156	271459	48.231	ug/l	98
74) n-propylbenzene	13.041	91	1275836	49.840	ug/l	99
75) 2-Chlorotoluene	13.129	91	798353	46.071	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	915479	46.898	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	106908	51.833	ug/l	92
78) 4-Chlorotoluene	13.229	91	776015	47.855	ug/l	99
79) tert-butylbenzene	13.441	119	728479	45.366	ug/l	96
80) 1,2,4-Trimethylbenzene	13.488	105	909268	49.295	ug/l	99
81) sec-Butylbenzene	13.617	105	957229	47.783	ug/l	99
82) p-Isopropyltoluene	13.735	119	798037	49.527	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	455705	51.084	ug/l	99
84) 1,4-Dichlorobenzene	13.817	146	446622	51.782	ug/l	99
85) n-Butylbenzene	14.059	91	592274	49.762	ug/l	98
86) Hexachloroethane	14.335	117	148075	47.745	ug/l	99
87) 1,2-Dichlorobenzene	14.111	146	453995	51.342	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.723	75	55140	47.803	ug/l	99
89) 1,2,4-Trichlorobenzene	15.394	180	147329	54.643	ug/l	99
90) Hexachlorobutadiene	15.505	225	74499	40.641	ug/l	97
91) Naphthalene	15.647	128	452435	51.210	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	158128	50.695	ug/l	95

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



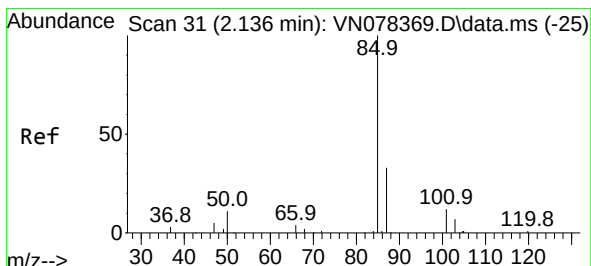
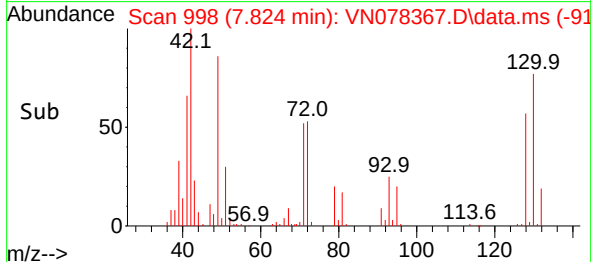
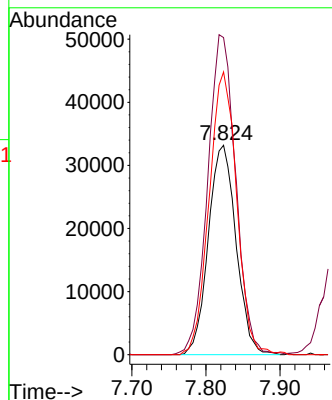
Tgt Ion:128 Resp: 86150
Ion Ratio Lower Upper
128 100
49 154.4 0.0 370.8
130 133.2 0.0 307.0

Manual Integrations
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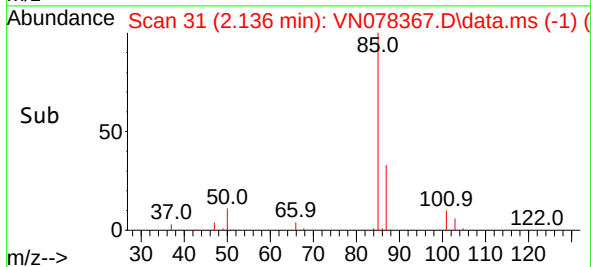
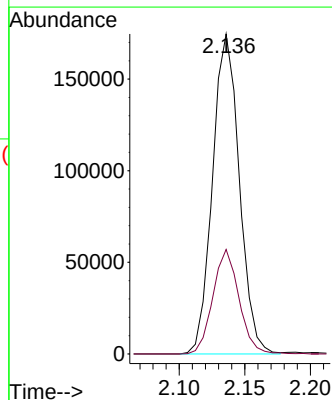
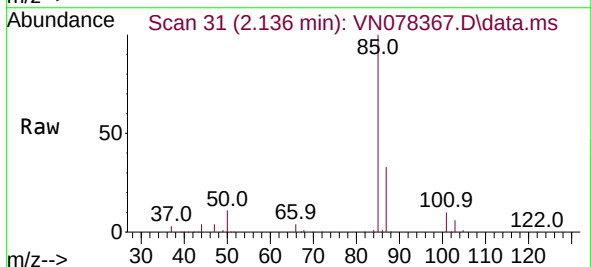
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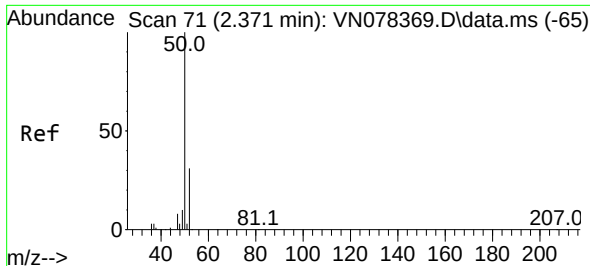
06/26/2023



#2
Dichlorodifluoromethane
Concen: 47.575 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

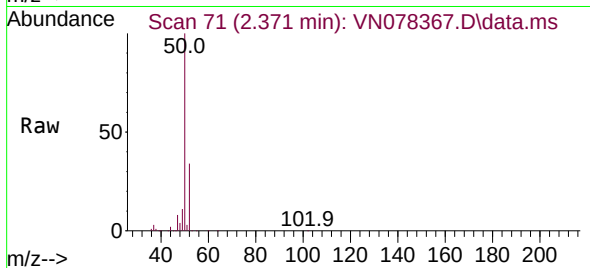
Tgt Ion: 85 Resp: 248254
Ion Ratio Lower Upper
85 100
87 32.7 16.4 49.4





#3
Chloromethane
Concen: 46.904 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



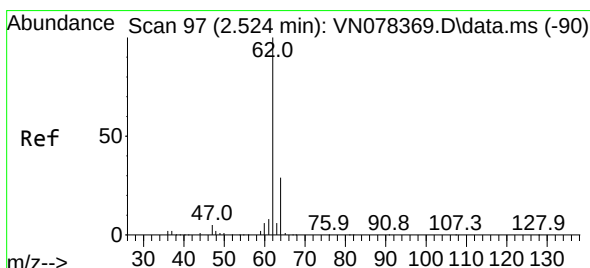
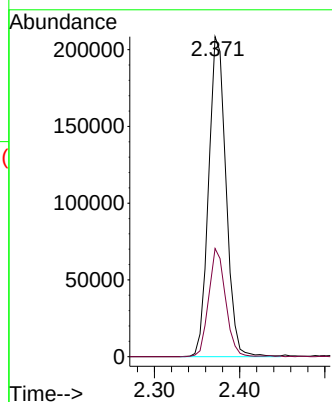
Tgt Ion: 50 Resp: 295169
Ion Ratio Lower Upper
50 100
52 33.8 24.6 36.8

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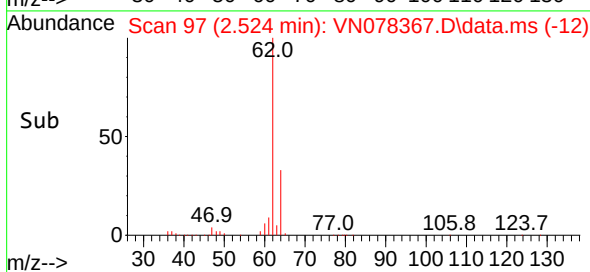
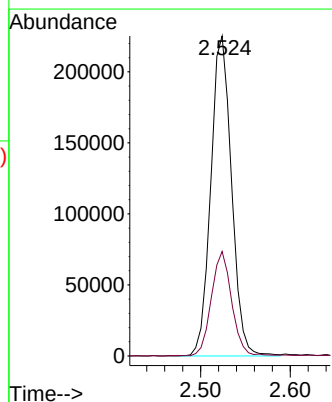
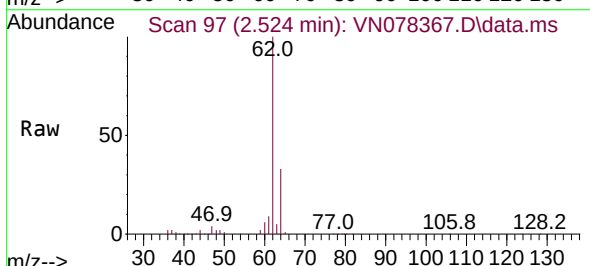
06/24/2023
Supervised By :Mahesh
Dadoda

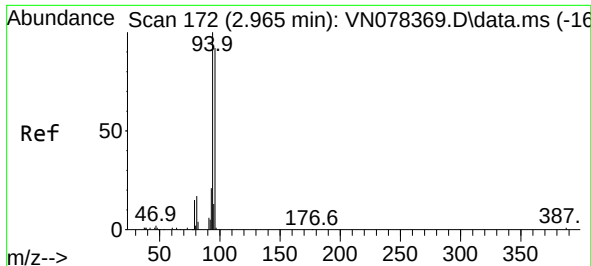
06/26/2023



#4
Vinyl Chloride
Concen: 46.705 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

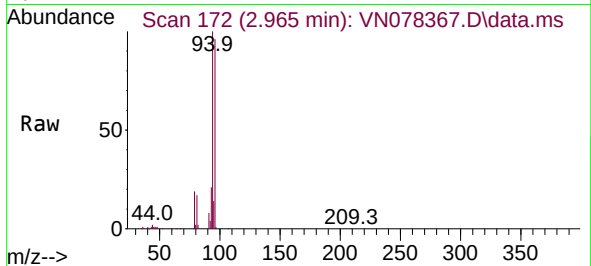
Tgt Ion: 62 Resp: 361544
Ion Ratio Lower Upper
62 100
64 32.5 23.3 34.9





#5
Bromomethane
Concen: 39.772 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



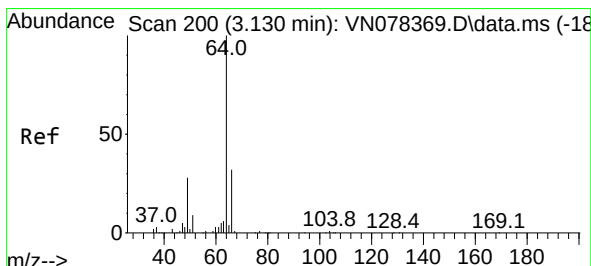
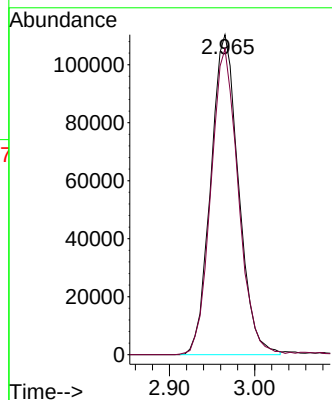
Tgt Ion: 94 Resp: 250284
Ion Ratio Lower Upper
94 100
96 95.4 73.9 110.9

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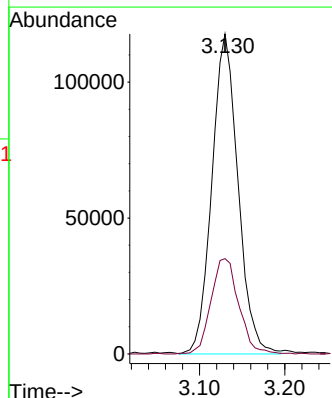
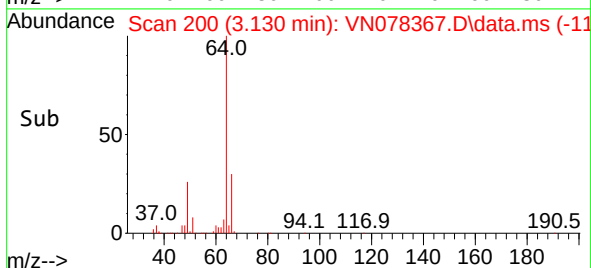
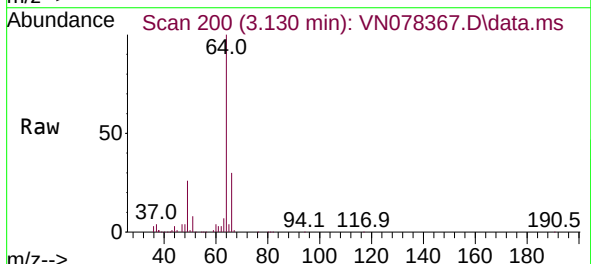
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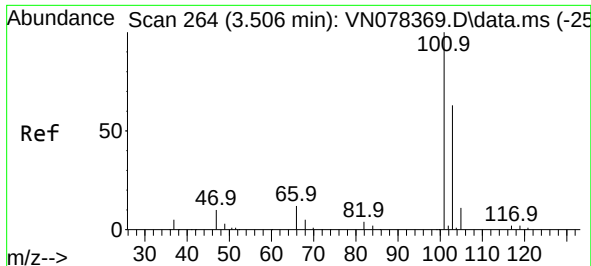
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#6
Chloroethane
Concen: 45.414 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Tgt Ion: 64 Resp: 250404
Ion Ratio Lower Upper
64 100
66 29.6 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 47.194 ug/l
 RT: 3.506 min Scan# 264
 Delta R.T. 0.000 min
 Lab File: VN078367.D
 Acq: 23 Jun 2023 10:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

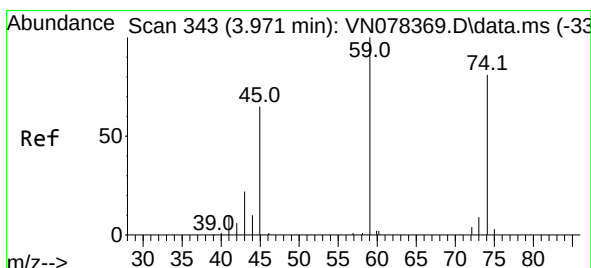
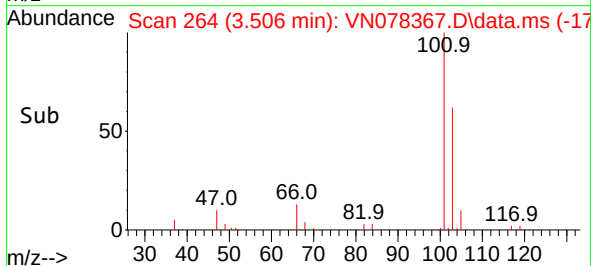
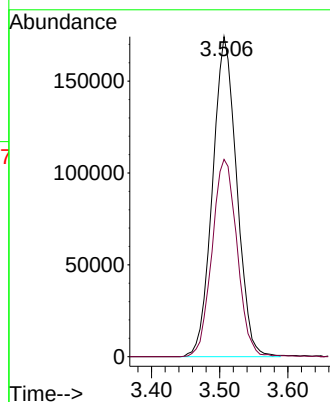
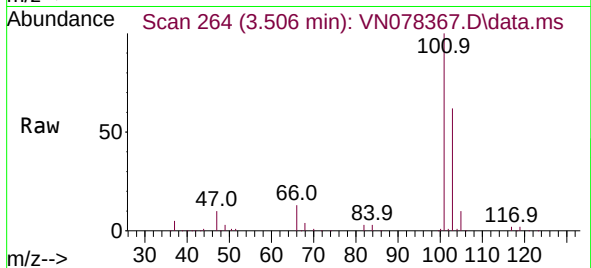
Tgt Ion:101 Resp: 42998
 Ion Ratio Lower Upper
 101 100
 103 61.6 50.4 75.6

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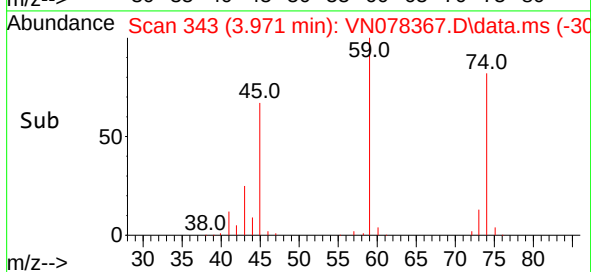
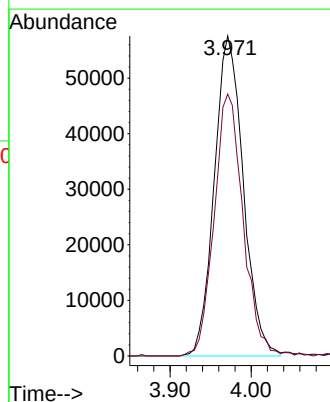
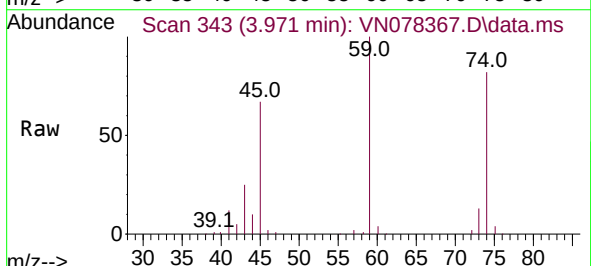
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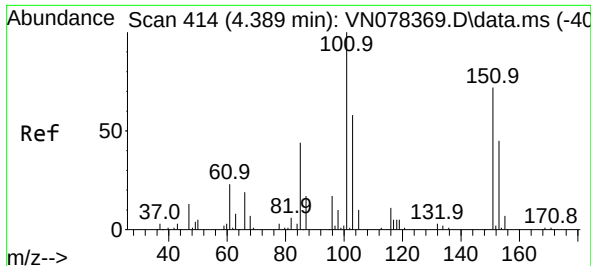
06/26/2023



#8
 Diethyl Ether
 Concen: 47.056 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
 Lab File: VN078367.D
 Acq: 23 Jun 2023 10:22

Tgt Ion: 74 Resp: 143112
 Ion Ratio Lower Upper
 74 100
 45 81.2 16.3 146.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.842 ug/l
RT: 4.383 min Scan# 414
Delta R.T. -0.006 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

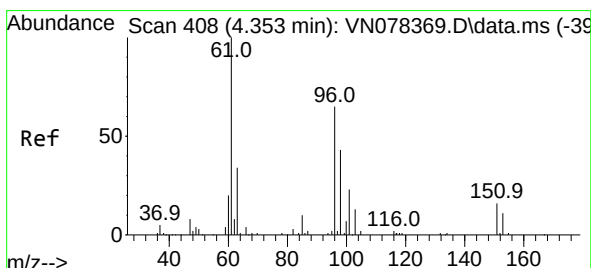
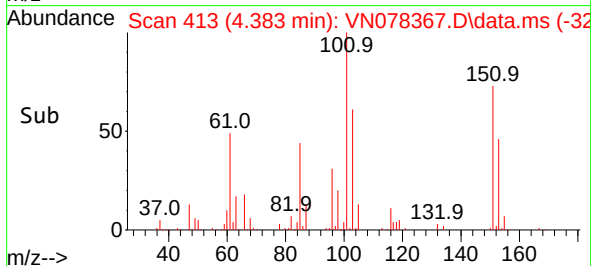
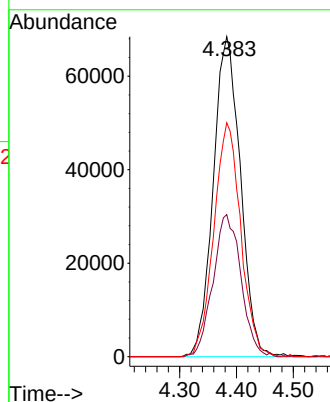
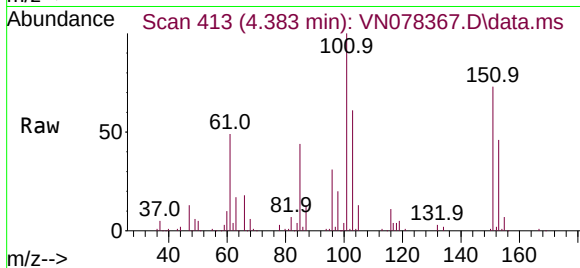
Tgt Ion:101 Resp: 227038
Ion Ratio Lower Upper
101 100
85 45.5 0.0 89.2
151 72.5 0.0 148.8

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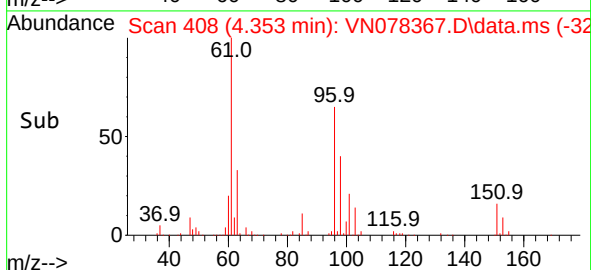
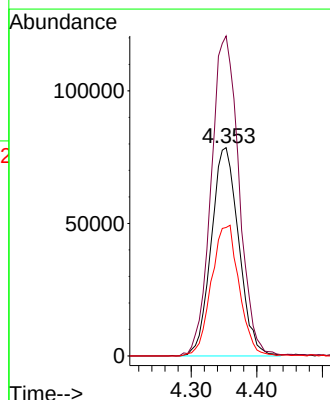
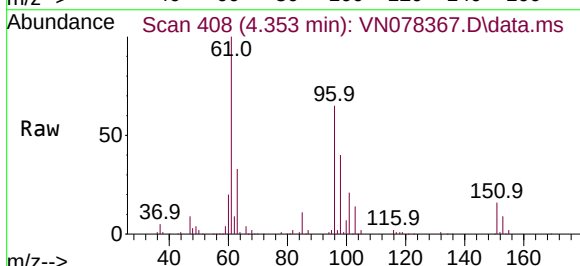
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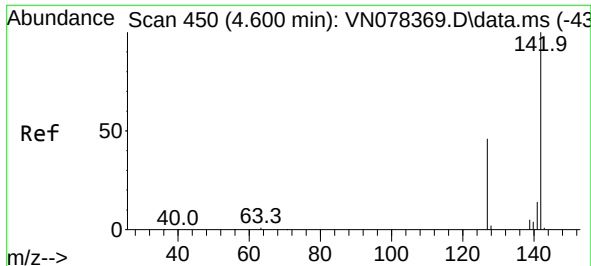
06/26/2023



#10
1,1-Dichloroethene
Concen: 47.116 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

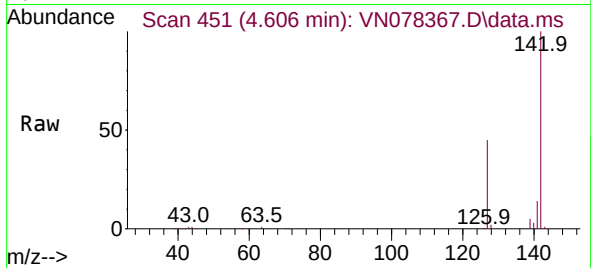
Tgt Ion: 96 Resp: 228807
Ion Ratio Lower Upper
96 100
61 153.4 123.4 185.2
98 61.6 53.7 80.5





#11
Methyl Iodide
Concen: 50.078 ug/l
RT: 4.606 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



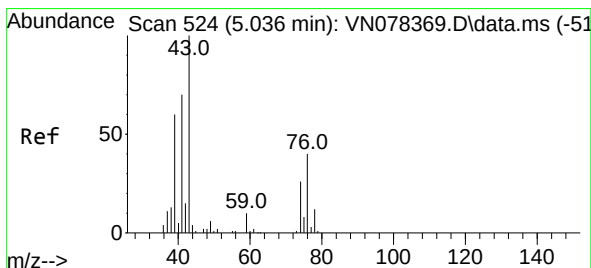
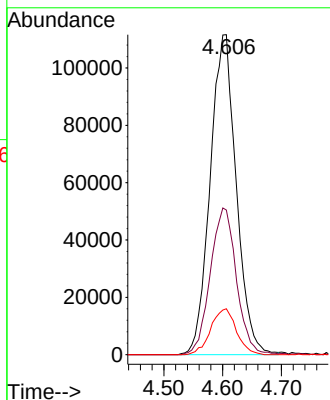
Tgt Ion:142 Resp: 34452
Ion Ratio Lower Upper
142 100
127 45.2 23.2 69.5
141 14.4 7.2 21.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

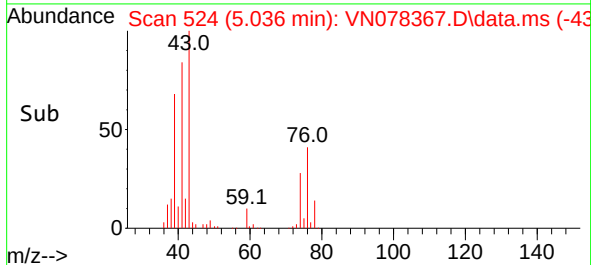
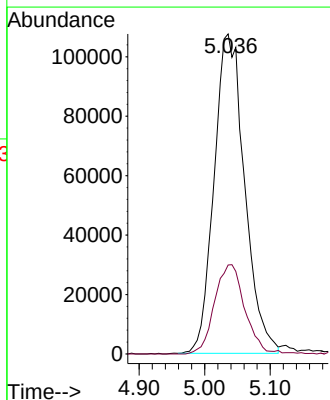
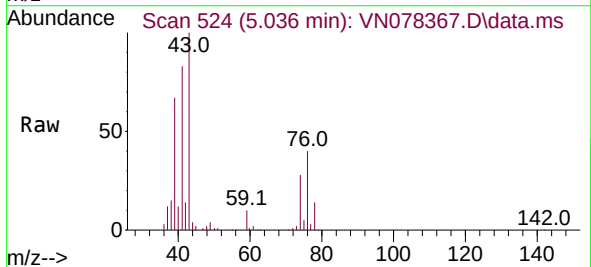
06/24/2023
Supervised By :Mahesh
Dadoda

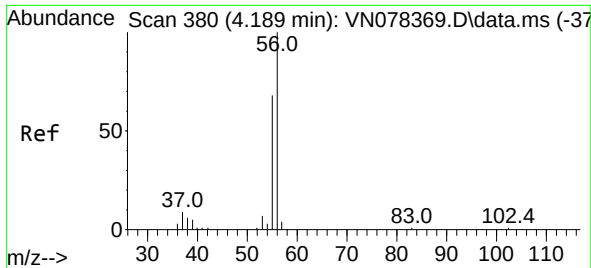
06/26/2023



#12
Methyl Acetate
Concen: 46.099 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

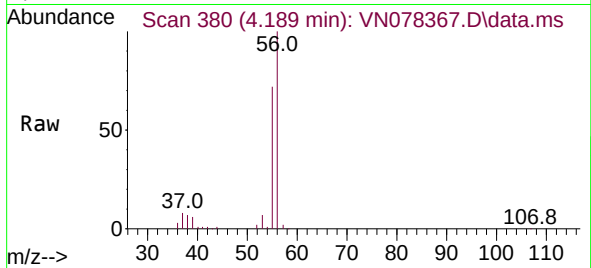
Tgt Ion: 43 Resp: 347200
Ion Ratio Lower Upper
43 100
74 27.6 20.5 30.7





#13
Acrolein
Concen: 231.143 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



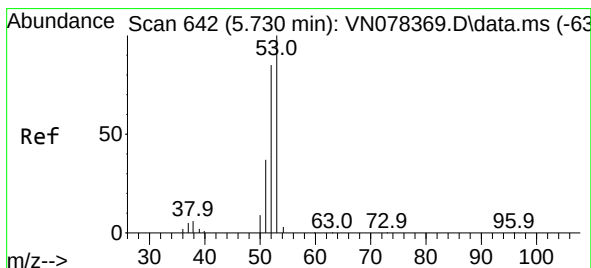
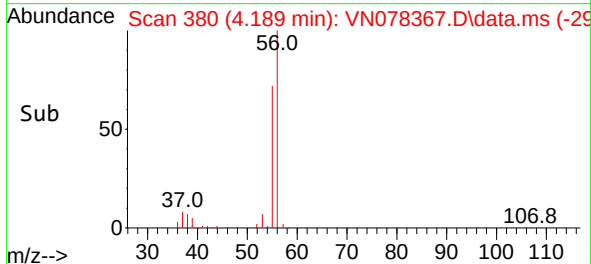
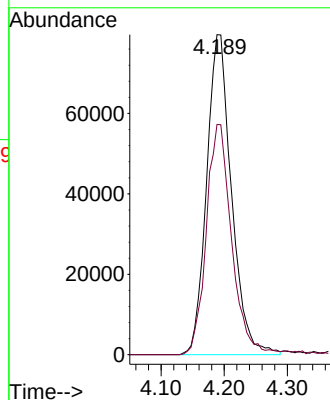
Tgt Ion: 56 Resp: 218040
Ion Ratio Lower Upper
56 100
55 72.4 59.0 88.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

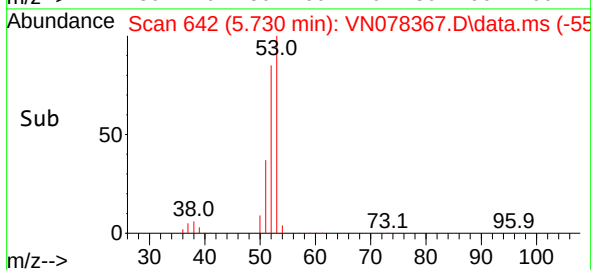
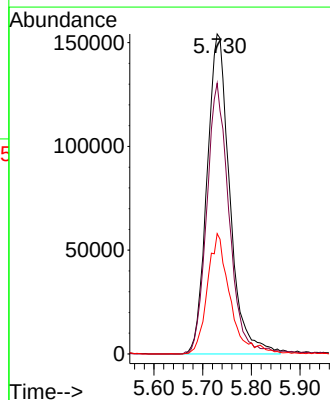
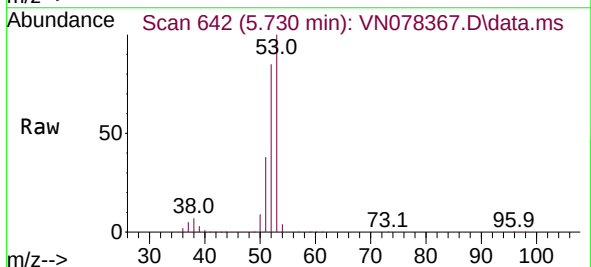
06/24/2023
Supervised By :Mahesh
Dadoda

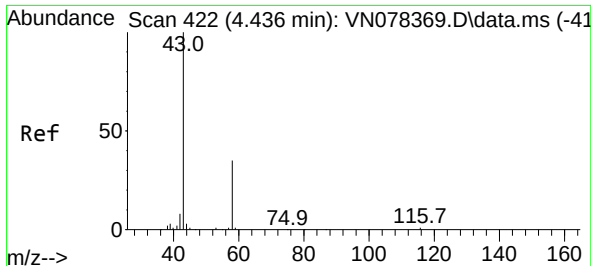
06/26/2023



#14
Acrylonitrile
Concen: 242.370 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

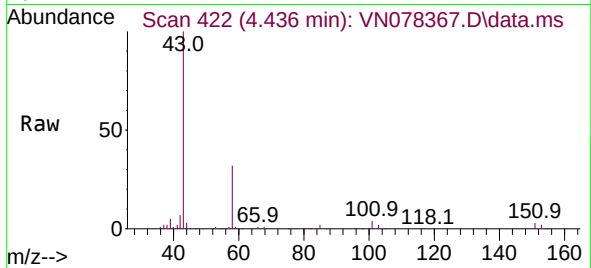
Tgt Ion: 53 Resp: 501188
Ion Ratio Lower Upper
53 100
52 81.7 42.3 126.9
51 35.4 18.4 55.4





#15
Acetone
Concen: 225.558 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



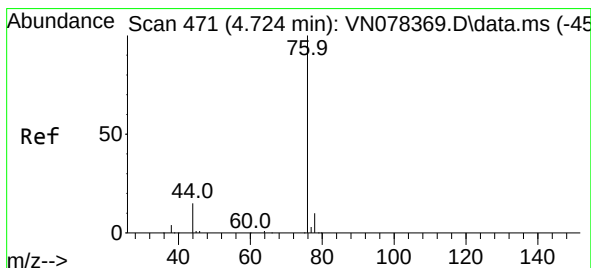
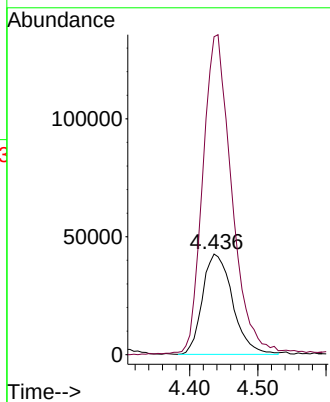
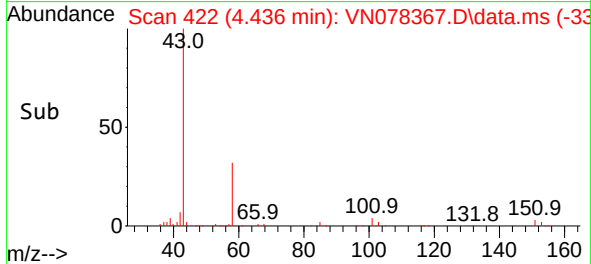
Tgt Ion: 58 Resp: 13062
Ion Ratio Lower Upper
58 100
43 314.7 227.5 341.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

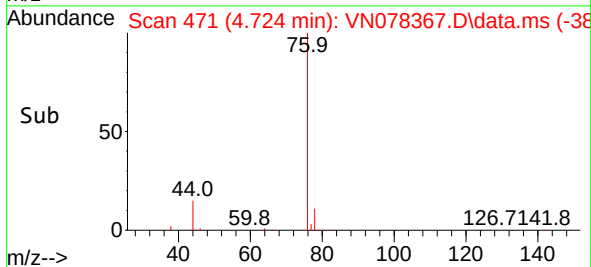
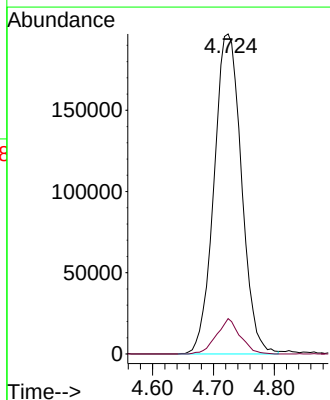
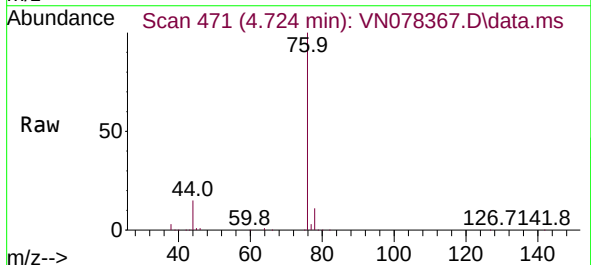
06/24/2023
Supervised By :Mahesh
Dadoda

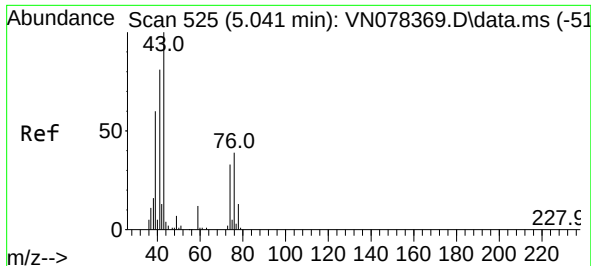
06/26/2023



#16
Carbon Disulfide
Concen: 46.469 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

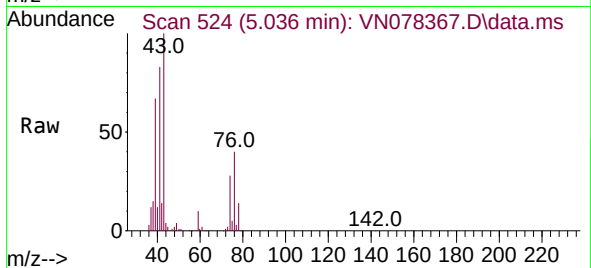
Tgt Ion: 76 Resp: 616642
Ion Ratio Lower Upper
76 100
78 11.0 7.7 11.5





#17
 Allyl chloride
 Concen: 47.288 ug/l
 RT: 5.036 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN078367.D
 Acq: 23 Jun 2023 10:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050



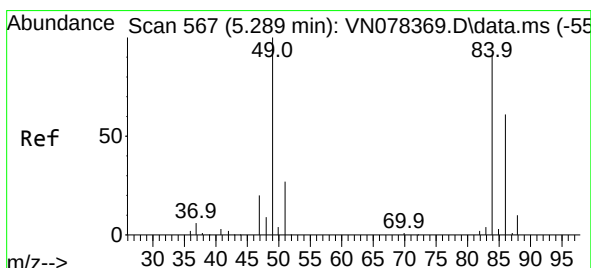
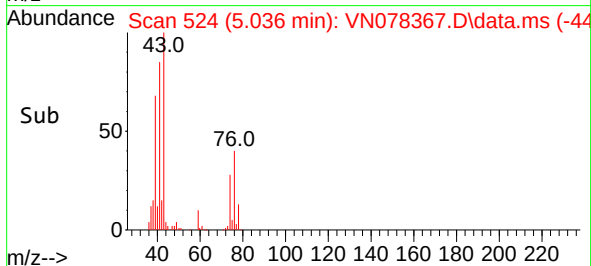
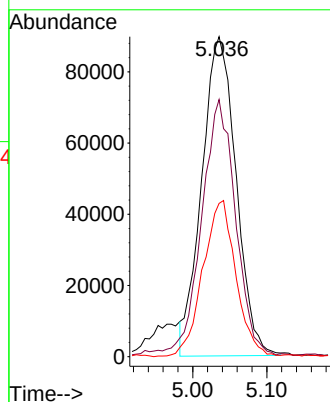
Tgt Ion: 41 Resp: 28861
 Ion Ratio Lower Upper
 41 100
 39 80.3 37.6 112.8
 76 48.1 23.8 71.4

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

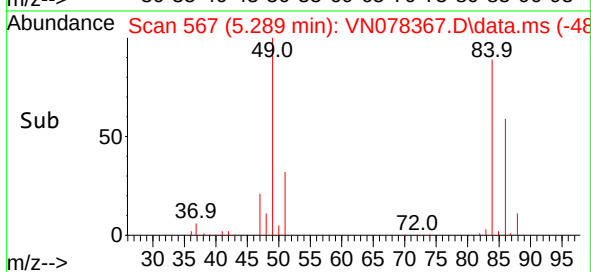
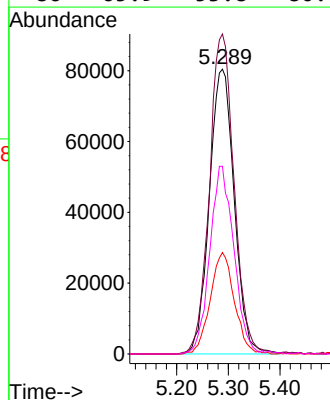
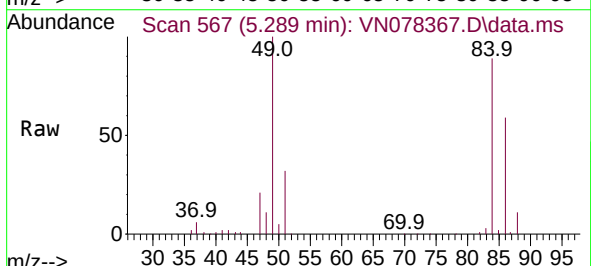
06/24/2023
 Supervised By :Mahesh
 Dadoda

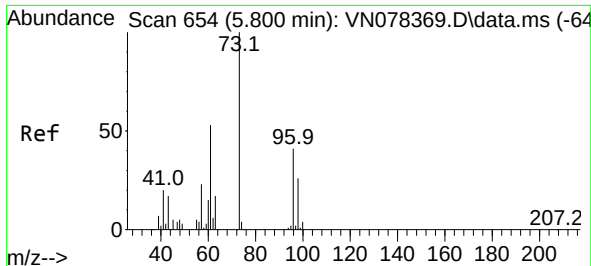
06/26/2023



#18
 Methylene Chloride
 Concen: 46.774 ug/l
 RT: 5.289 min Scan# 567
 Delta R.T. 0.000 min
 Lab File: VN078367.D
 Acq: 23 Jun 2023 10:22

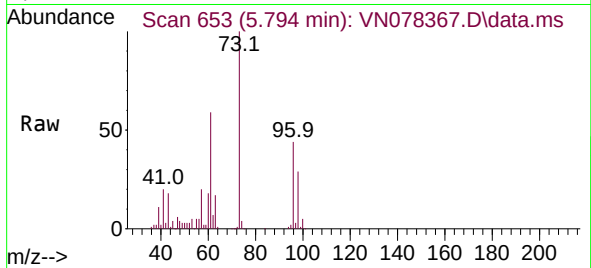
Tgt Ion: 84 Resp: 269151
 Ion Ratio Lower Upper
 84 100
 49 112.2 88.1 132.1
 51 35.6 24.0 36.0
 86 65.9 53.8 80.8





#19
trans-1,2-Dichloroethene
Concen: 47.120 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



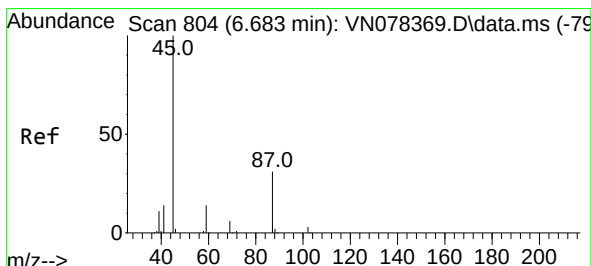
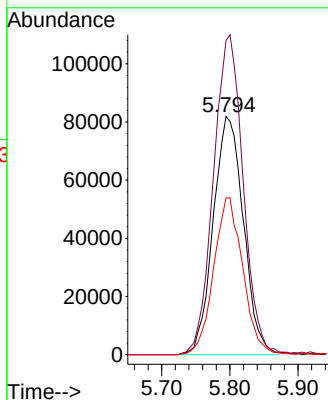
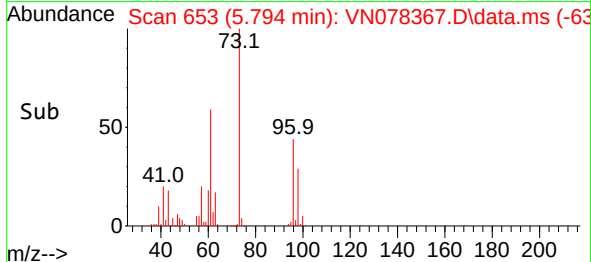
Tgt Ion: 96 Resp: 252528
Ion Ratio Lower Upper
96 100
61 132.0 105.2 157.8
98 65.7 50.5 75.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

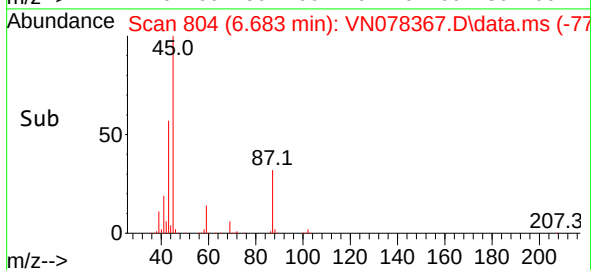
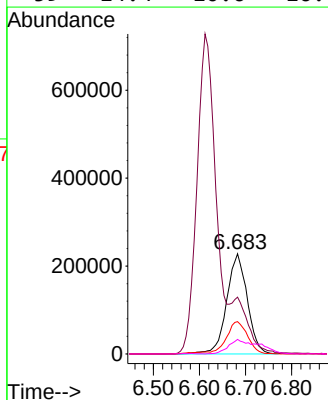
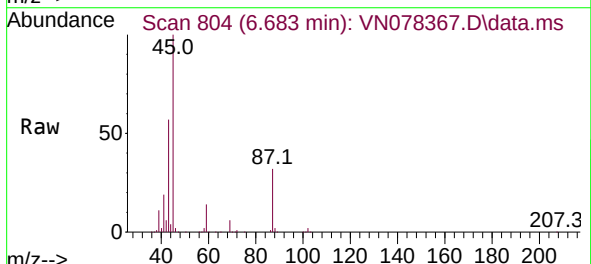
06/24/2023
Supervised By :Mahesh
Dadoda

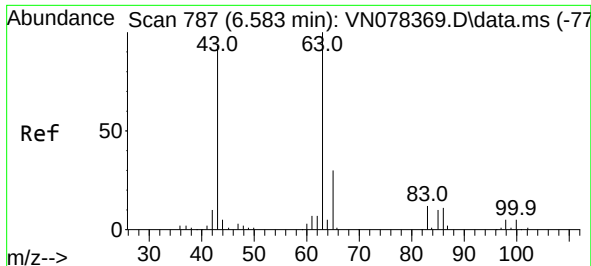
06/26/2023



#20
Diisopropyl ether
Concen: 48.244 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Tgt Ion: 45 Resp: 705856
Ion Ratio Lower Upper
45 100
43 55.6 43.6 65.4
87 32.0 25.8 38.6
59 14.4 10.6 16.0





#21

1,1-Dichloroethane

Concen: 46.874 ug/l

RT: 6.577 min Scan# 786

Delta R.T. -0.006 min

Lab File: VN078367.D

Acq: 23 Jun 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 63 Resp: 45490

Ion Ratio Lower Upper

63 100

98 6.7 2.7 8.1

100 4.7 2.5 7.4

Manual Integrations

APPROVED

Reviewed By :John

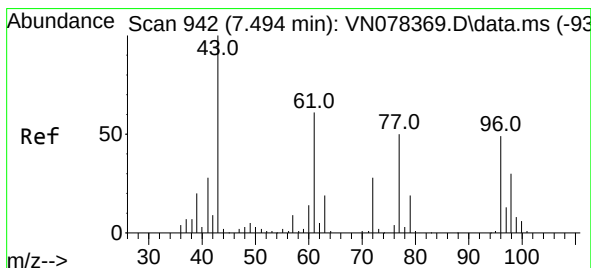
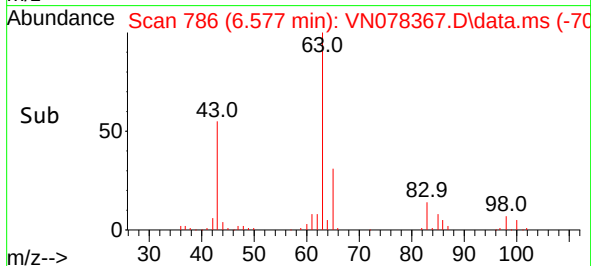
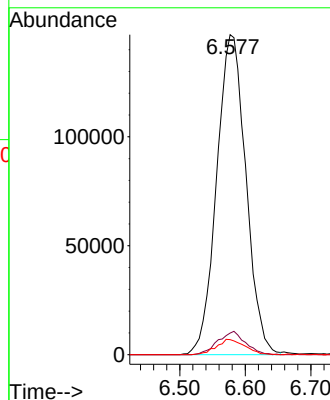
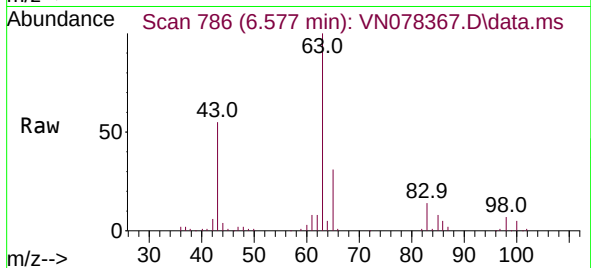
Carlone

06/24/2023

Supervised By :Mahesh

Dadoda

06/26/2023



#22

cis-1,2-Dichloroethene

Concen: 48.010 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN078367.D

Acq: 23 Jun 2023 10:22

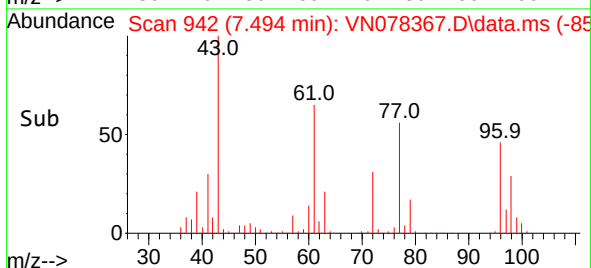
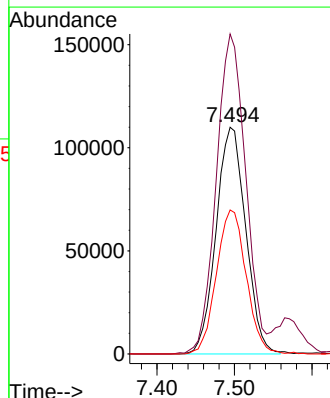
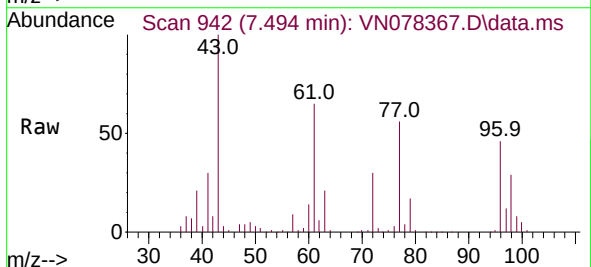
Tgt Ion: 96 Resp: 292709

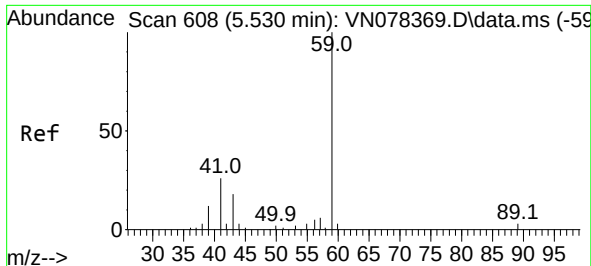
Ion Ratio Lower Upper

96 100

61 140.0 113.8 170.6

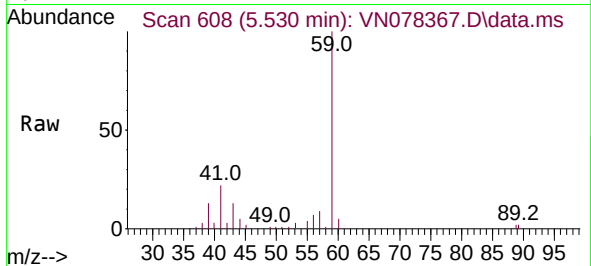
98 63.8 52.2 78.4





#23
tert-Butyl Alcohol
Concen: 220.747 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



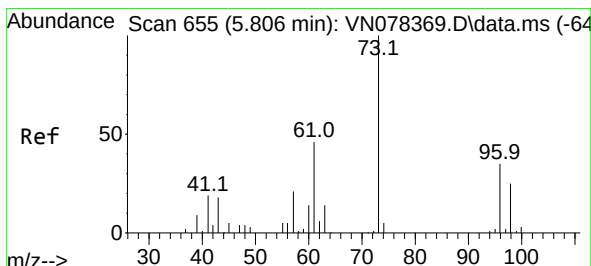
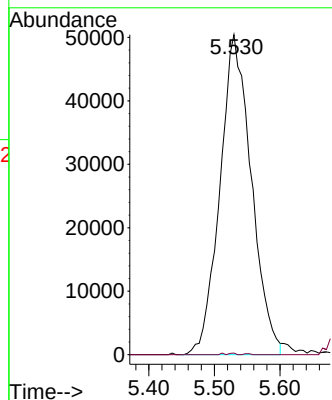
Tgt Ion: 59 Resp: 167824
Ion Ratio Lower Upper
59 100
52 0.1 0.1 0.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

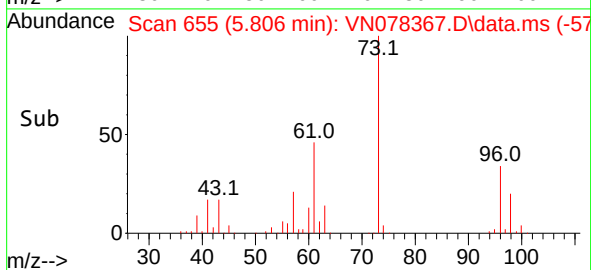
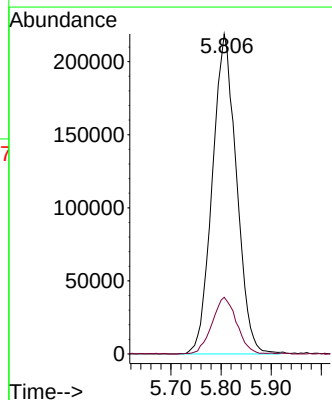
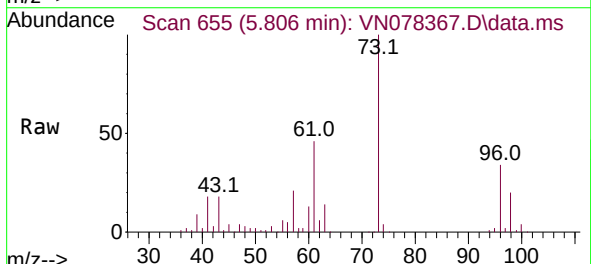
06/24/2023
Supervised By :Mahesh
Dadoda

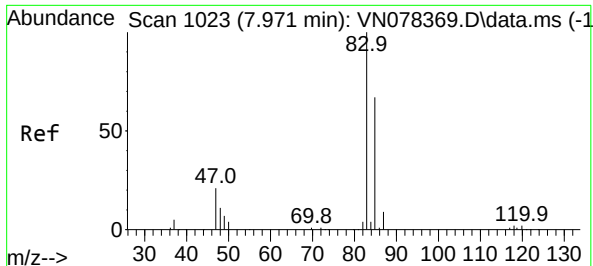
06/26/2023



#24
Methyl tert-Butyl Ether
Concen: 47.890 ug/l
RT: 5.806 min Scan# 655
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Tgt Ion: 73 Resp: 733292
Ion Ratio Lower Upper
73 100
43 18.0 14.5 21.7





#25

Chloroform

Concen: 48.255 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN078367.D

Acq: 23 Jun 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 83 Resp: 494898

Ion Ratio Lower Upper

83 100

85 64.7 53.4 80.0

Manual Integrations

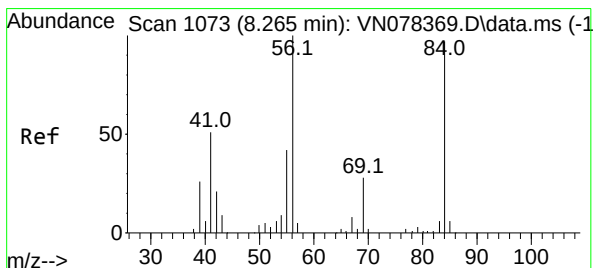
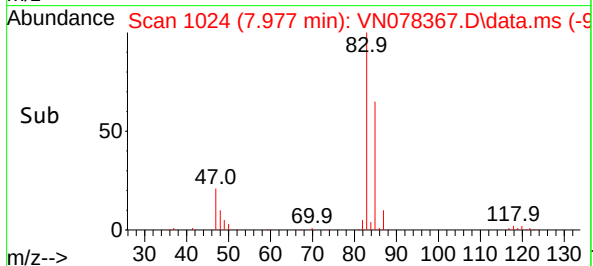
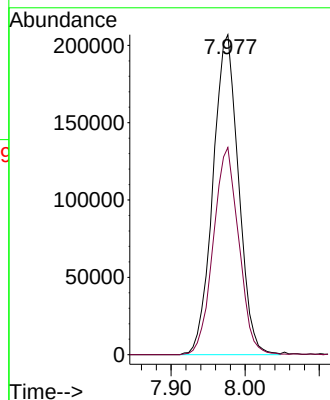
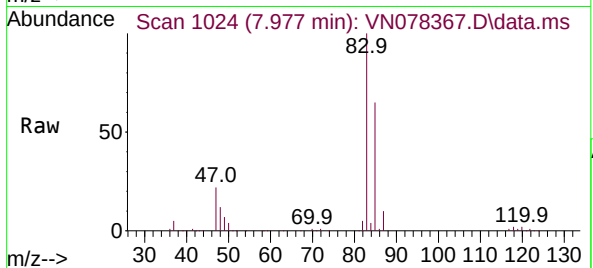
APPROVED

Reviewed By :John
Carlone

06/24/2023

Supervised By :Mahesh
Dadoda

06/26/2023



#26

Cyclohexane

Concen: 49.772 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN078367.D

Acq: 23 Jun 2023 10:22

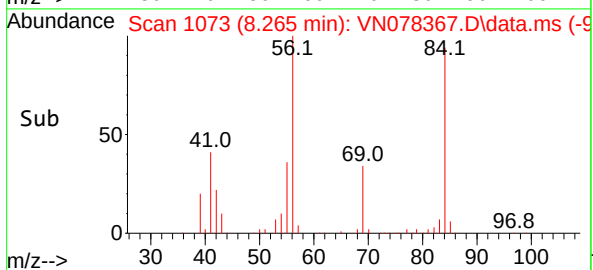
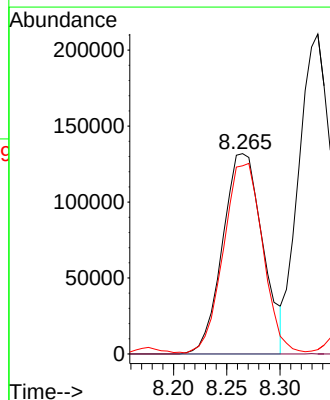
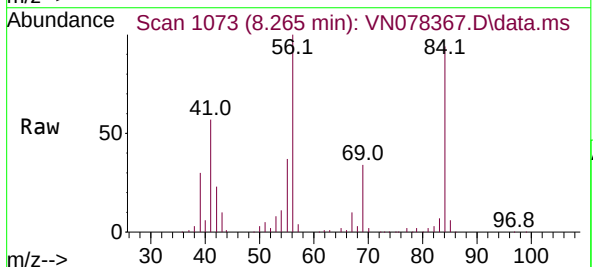
Tgt Ion: 56 Resp: 345687

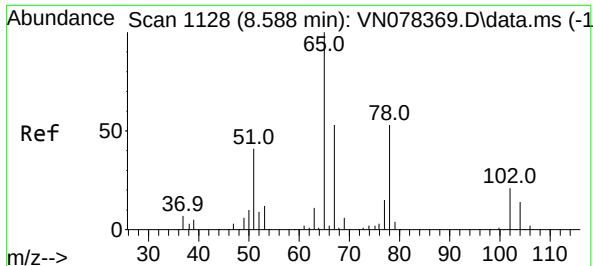
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 93.3 74.2 111.4





#27

1,2-Dichloroethane-d4

Concen: 30.302 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN078367.D

Acq: 23 Jun 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 65 Resp: 196594

Ion Ratio Lower Upper

65 100

67 52.9 42.9 64.3

Manual Integrations

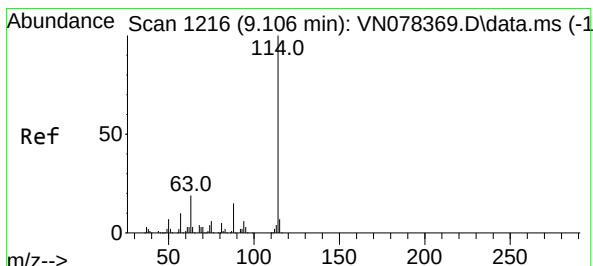
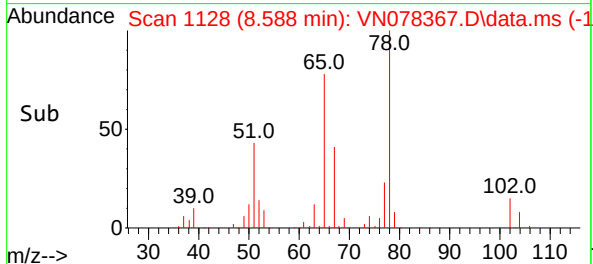
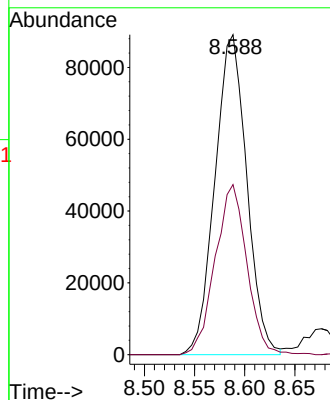
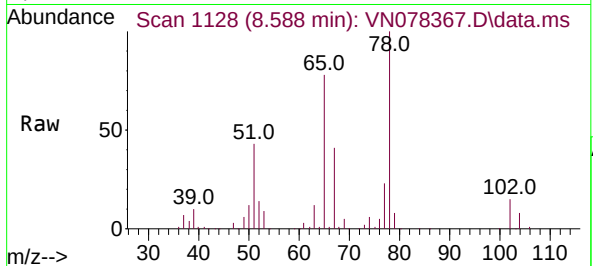
APPROVED

Reviewed By :John
Carlone

06/24/2023

Supervised By :Mahesh
Dadoda

06/26/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078367.D

Acq: 23 Jun 2023 10:22

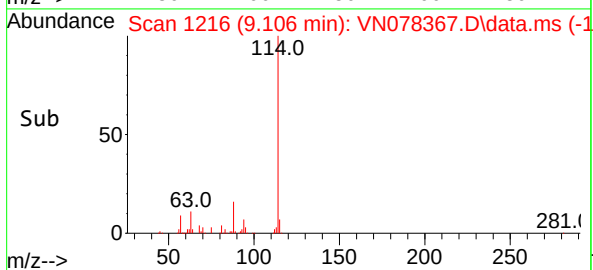
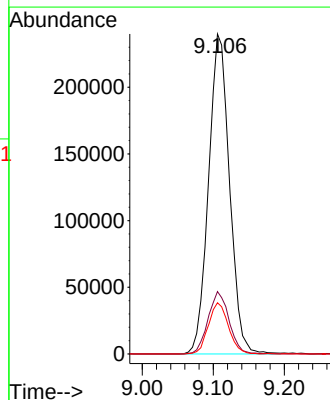
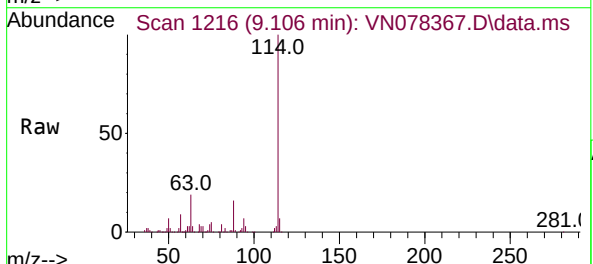
Tgt Ion:114 Resp: 492131

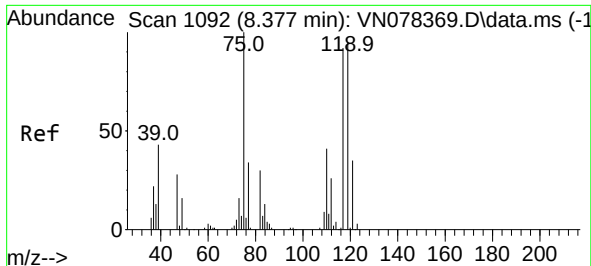
Ion Ratio Lower Upper

114 100

63 19.5 15.2 22.8

88 15.3 12.5 18.7





#29

1,1-Dichloropropene

Concen: 48.099 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN078367.D

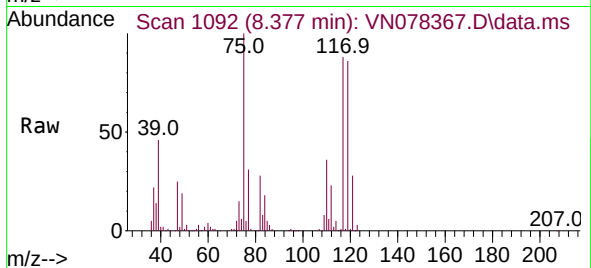
Acq: 23 Jun 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050



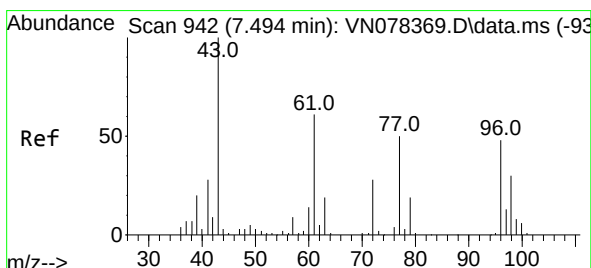
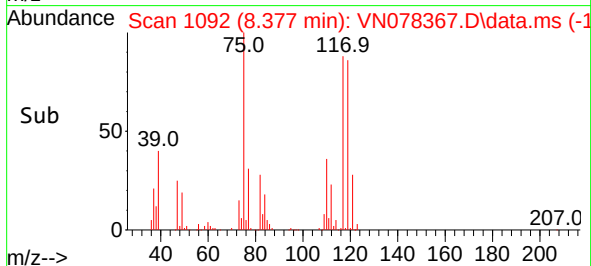
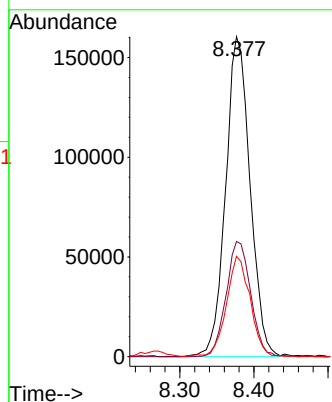
Tgt Ion:	75	Resp:	36694
Ion Ratio	Lower	Upper	
75	100		
110	36.1	0.0	72.2
77	30.3	0.0	62.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

06/24/2023
Supervised By :Mahesh
Dadoda

06/26/2023



#30

2-Butanone

Concen: 229.884 ug/l

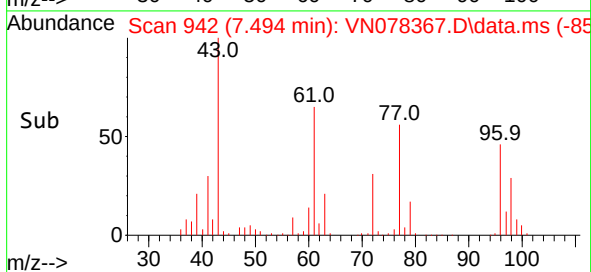
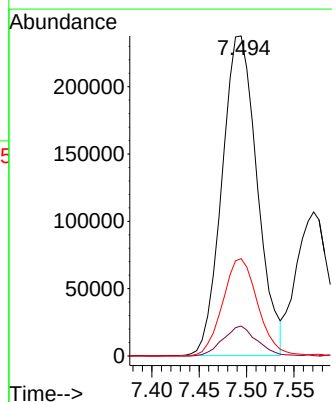
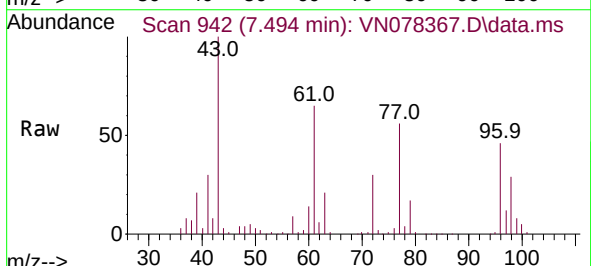
RT: 7.494 min Scan# 942

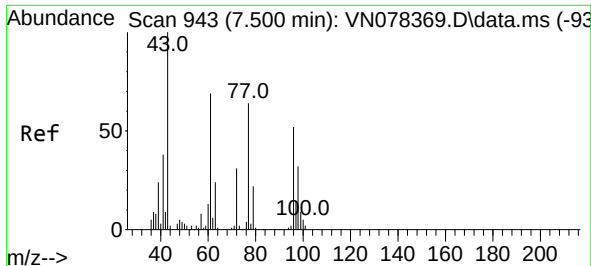
Delta R.T. 0.000 min

Lab File: VN078367.D

Acq: 23 Jun 2023 10:22

Tgt Ion:	43	Resp:	614715
Ion Ratio	Lower	Upper	
43	100		
57	9.0	6.8	10.2
72	30.4	23.8	35.6





#31

2,2-Dichloropropane

Concen: 48.250 ug/l

RT: 7.500 min Scan# 943

Delta R.T. 0.000 min

Lab File: VN078367.D

Acq: 23 Jun 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 77 Resp: 393569

Ion Ratio Lower Upper

77 100

97 22.6 18.8 28.2

Manual Integrations

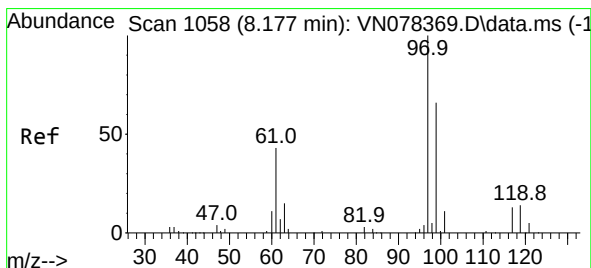
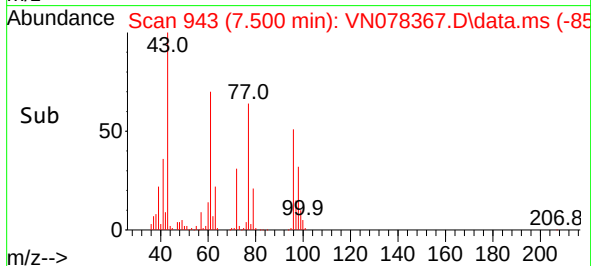
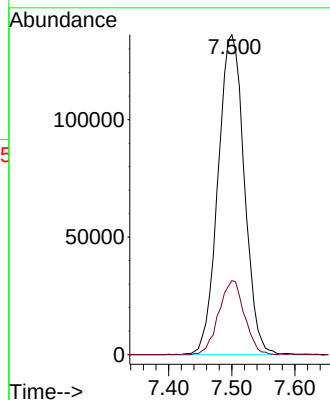
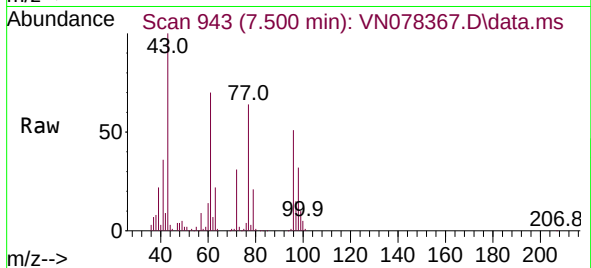
APPROVED

Reviewed By :John
Carlone

06/24/2023

Supervised By :Mahesh
Dadoda

06/26/2023



#32

1,1,1-Trichloroethane

Concen: 47.844 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078367.D

Acq: 23 Jun 2023 10:22

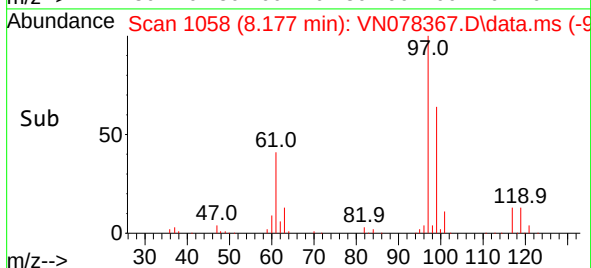
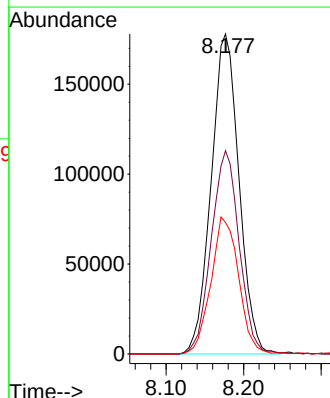
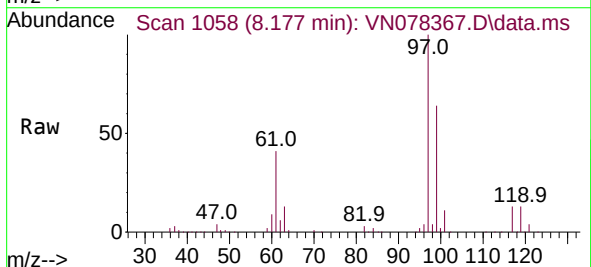
Tgt Ion: 97 Resp: 444747

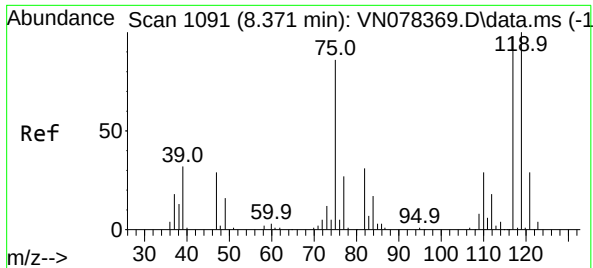
Ion Ratio Lower Upper

97 100

99 63.7 51.3 76.9

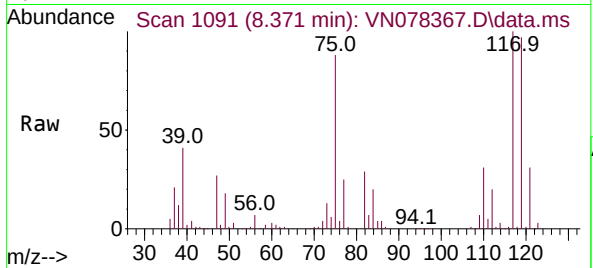
61 42.5 34.6 52.0





#33
Carbon Tetrachloride
Concen: 48.307 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



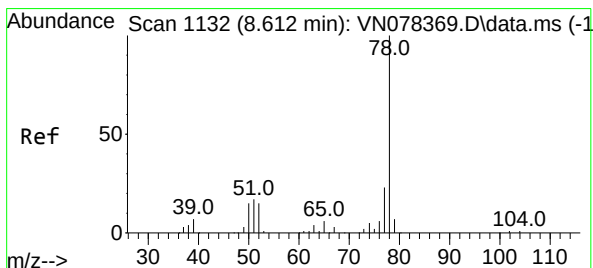
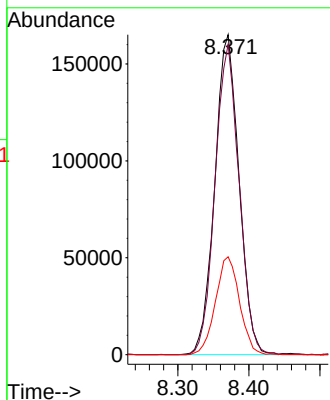
Tgt Ion:117 Resp: 391529
Ion Ratio Lower Upper
117 100
119 96.9 81.4 122.0
121 30.6 23.6 35.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

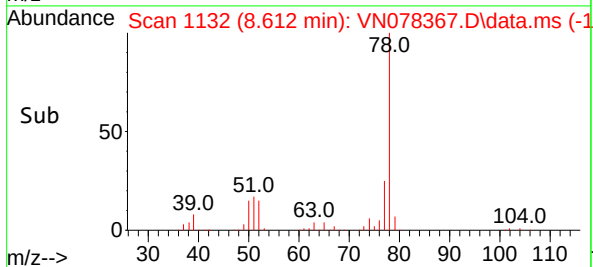
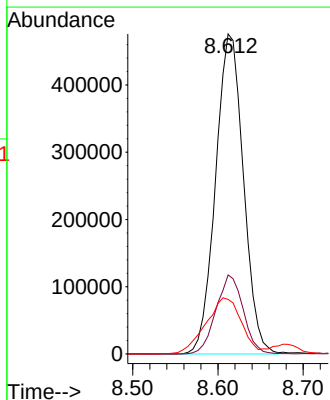
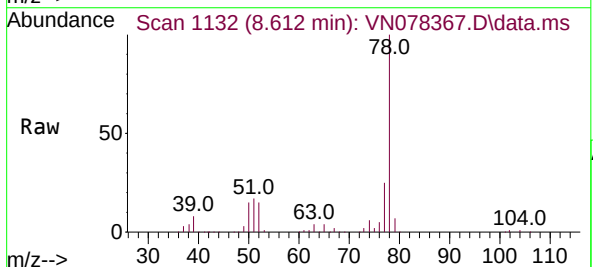
06/24/2023
Supervised By :Mahesh
Dadoda

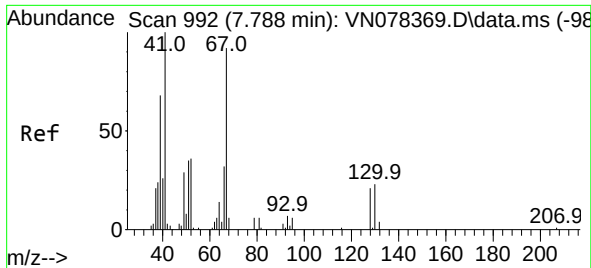
06/26/2023



#34
Benzene
Concen: 47.511 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

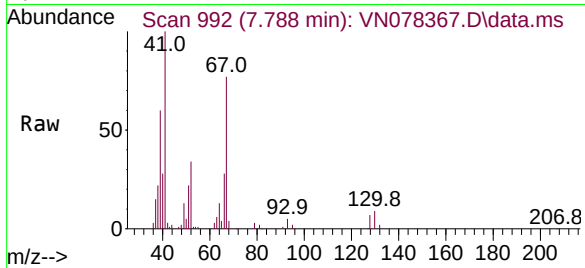
Tgt Ion: 78 Resp: 1080844
Ion Ratio Lower Upper
78 100
77 24.7 18.3 27.5
51 16.6 13.7 20.5





#35
Methacrylonitrile
Concen: 46.542 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



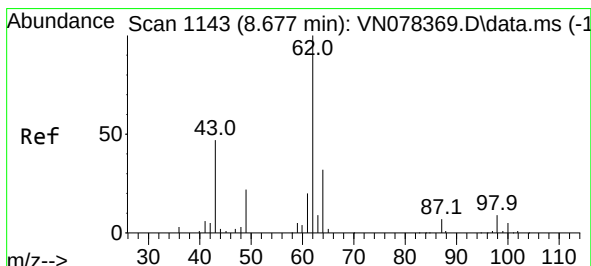
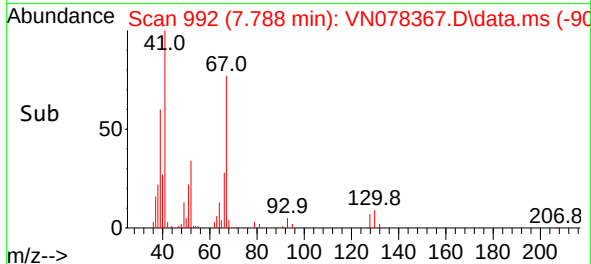
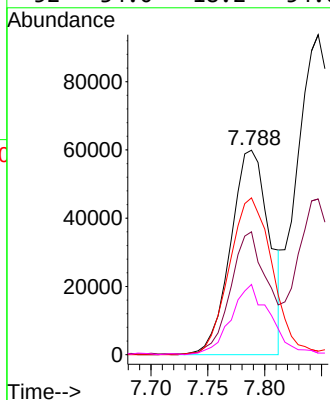
Tgt Ion: 41 Resp: 142819
Ion Ratio Lower Upper
41 100
39 59.6 33.9 101.6
67 76.7 45.9 137.6
52 34.0 18.2 54.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

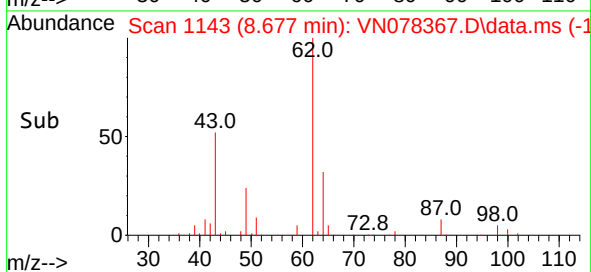
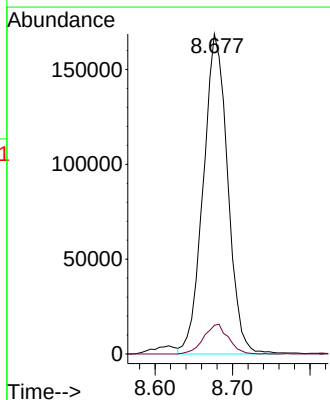
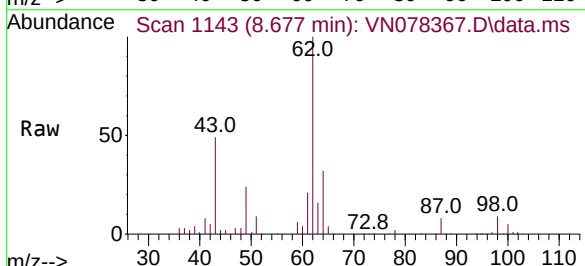
06/24/2023
Supervised By :Mahesh
Dadoda

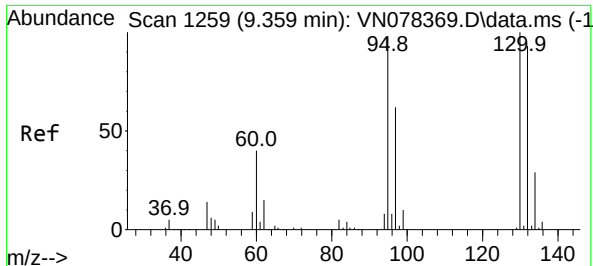
06/26/2023



#36
1,2-Dichloroethane
Concen: 47.668 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Tgt Ion: 62 Resp: 369726
Ion Ratio Lower Upper
62 100
98 9.3 7.4 11.0





#37

Trichloroethene

Concen: 47.616 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VN078367.D

Acq: 23 Jun 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion:130 Resp: 27676

Ion Ratio Lower Upper

130 100

95 102.6 78.2 117.4

Manual Integrations

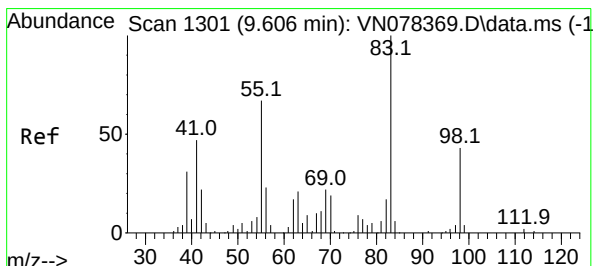
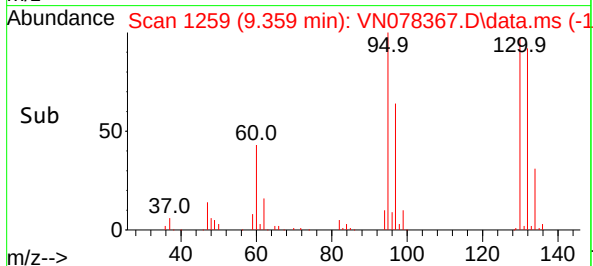
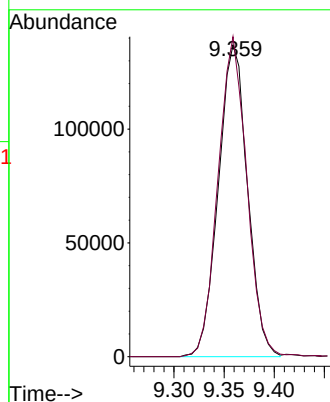
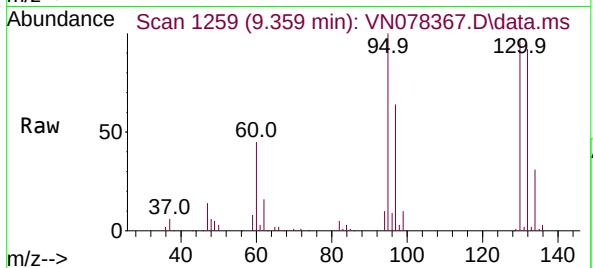
APPROVED

Reviewed By :John
Carlone

06/24/2023

Supervised By :Mahesh
Dadoda

06/26/2023



#38

Methylcyclohexane

Concen: 47.821 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN078367.D

Acq: 23 Jun 2023 10:22

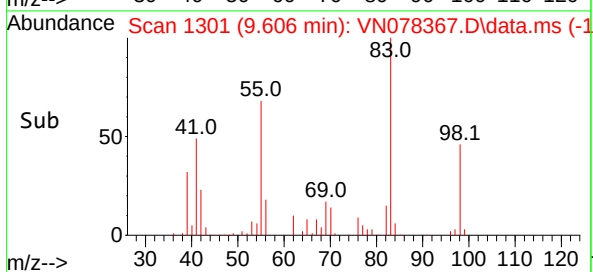
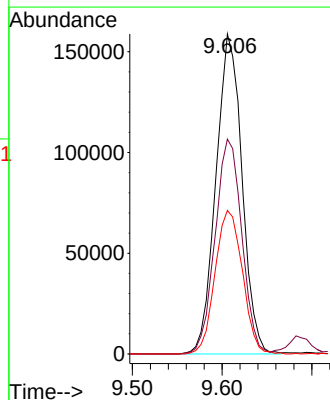
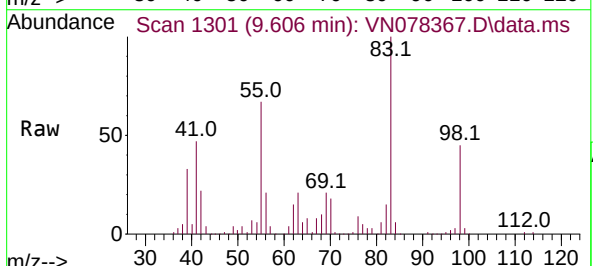
Tgt Ion: 83 Resp: 320521

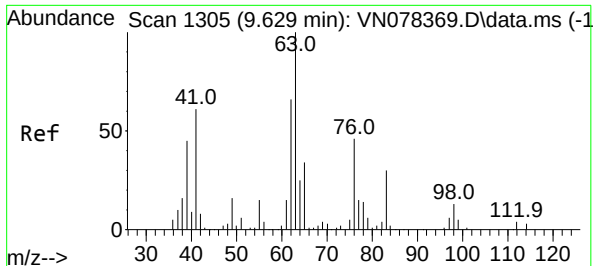
Ion Ratio Lower Upper

83 100

55 68.8 34.0 102.0

98 47.0 23.0 69.0





#39

1,2-Dichloropropane

Concen: 48.271 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VN078367.D

Acq: 23 Jun 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 63 Resp: 275084

Ion Ratio Lower Upper

63 100

65 30.3 27.4 41.2

Manual Integrations

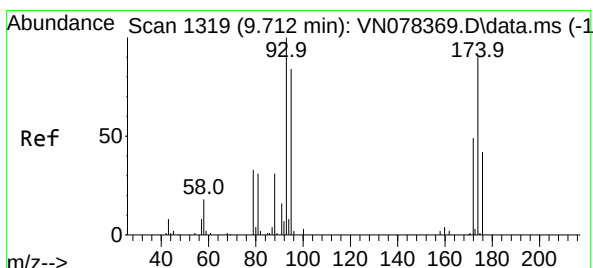
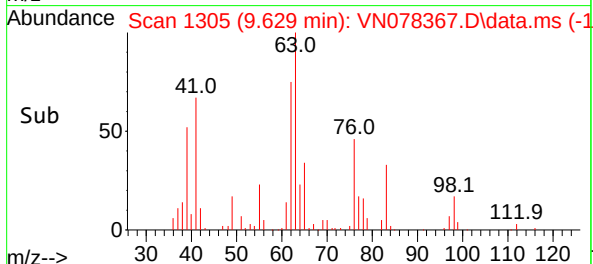
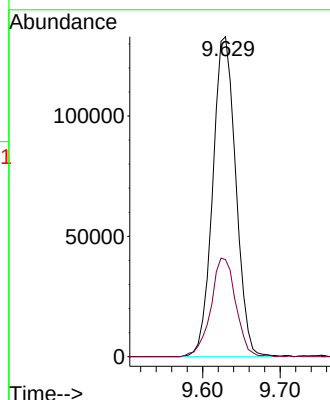
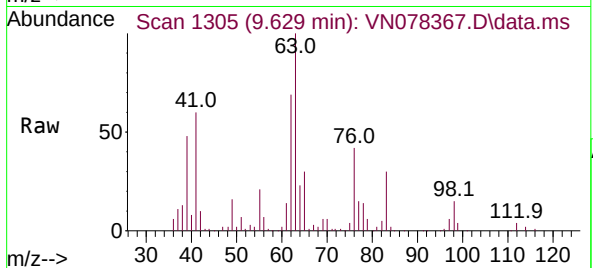
APPROVED

Reviewed By :John
Carlone

06/24/2023

Supervised By :Mahesh
Dadoda

06/26/2023



#40

Dibromomethane

Concen: 47.045 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN078367.D

Acq: 23 Jun 2023 10:22

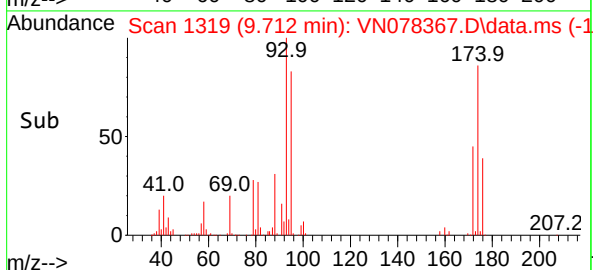
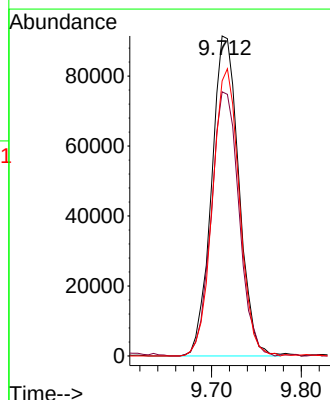
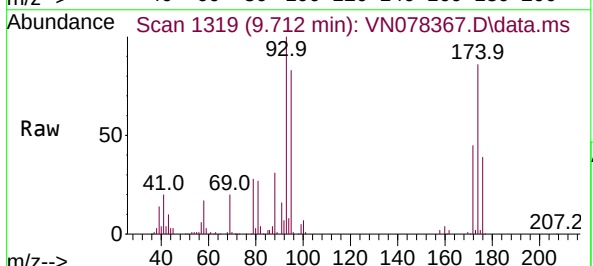
Tgt Ion: 93 Resp: 193459

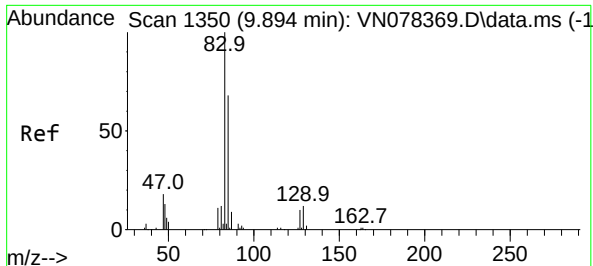
Ion Ratio Lower Upper

93 100

95 83.6 0.0 167.8

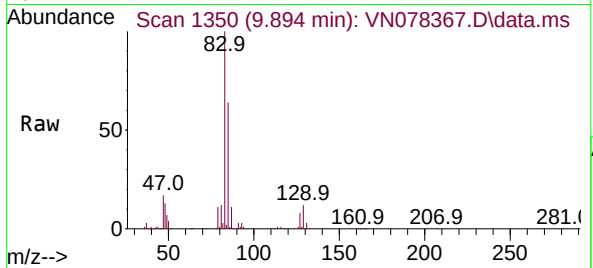
174 87.8 0.0 180.8





#41
Bromodichloromethane
Concen: 48.130 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



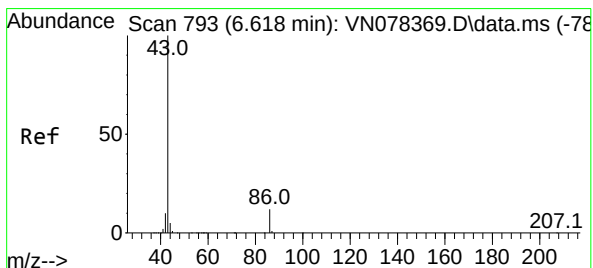
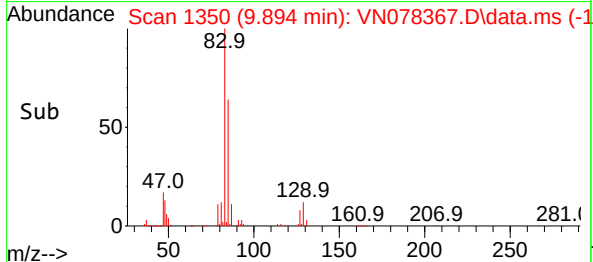
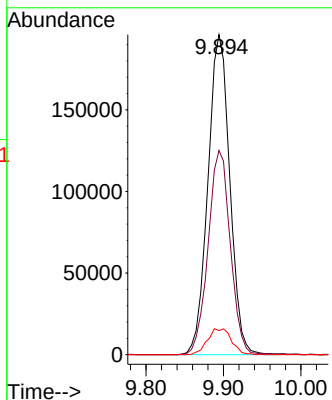
Tgt Ion: 83 Resp: 38450
Ion Ratio Lower Upper
83 100
85 63.8 54.1 81.1
127 7.5 7.8 11.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

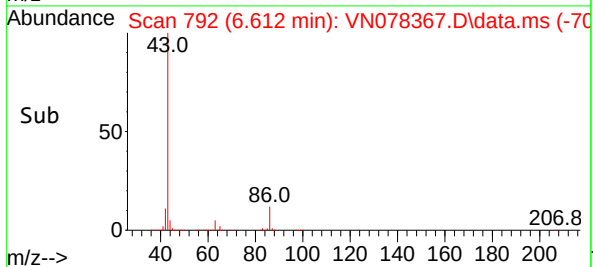
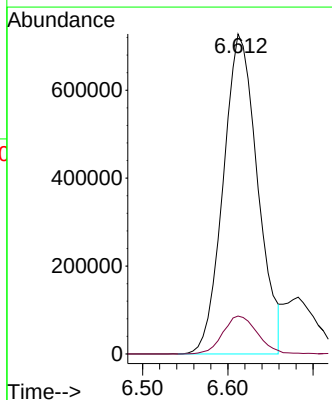
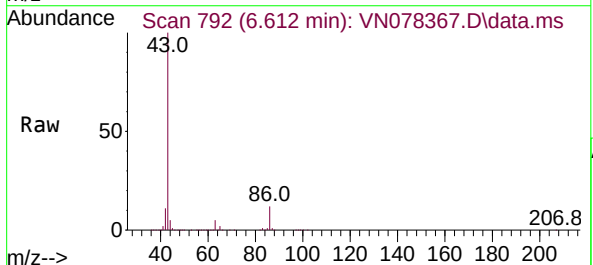
06/24/2023
Supervised By :Mahesh
Dadoda

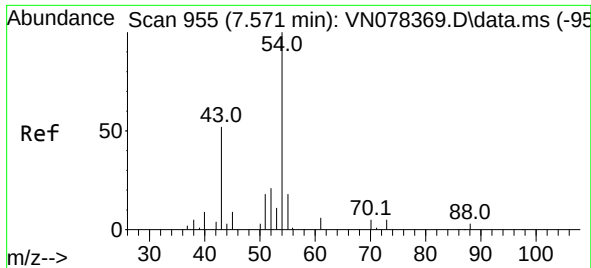
06/26/2023



#42
Vinyl Acetate
Concen: 239.528 ug/l
RT: 6.612 min Scan# 792
Delta R.T. -0.006 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Tgt Ion: 43 Resp: 2040371
Ion Ratio Lower Upper
43 100
86 12.0 9.4 14.0





#43
Ethyl Acetate
Concen: 49.705 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

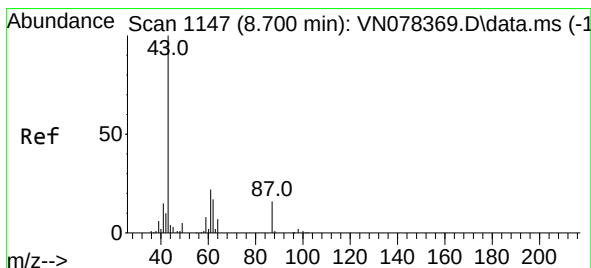
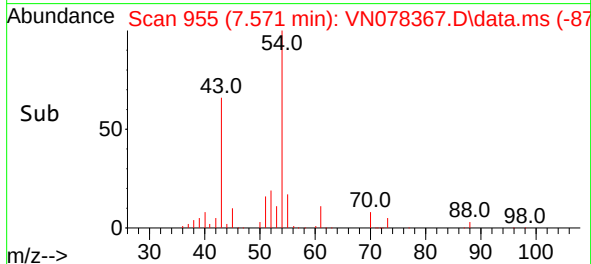
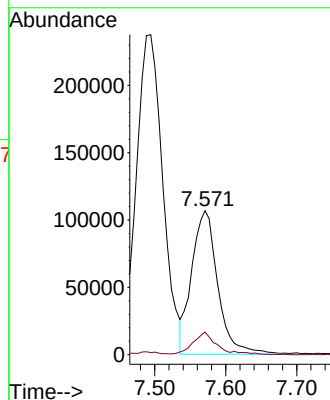
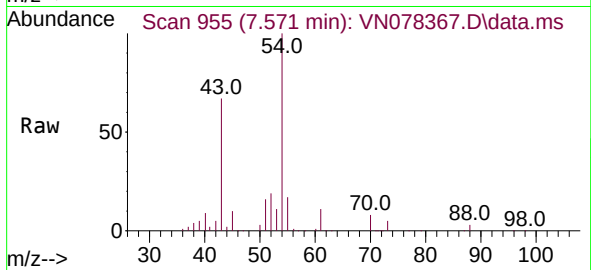
Tgt Ion: 43 Resp: 272618
Ion Ratio Lower Upper
43 100
45 12.0 10.9 16.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

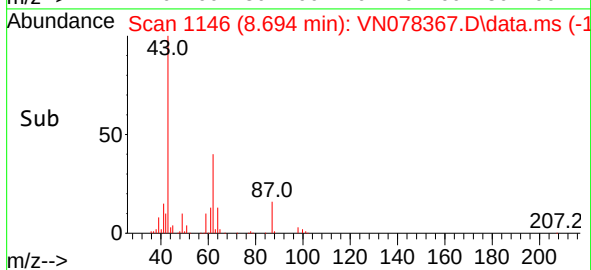
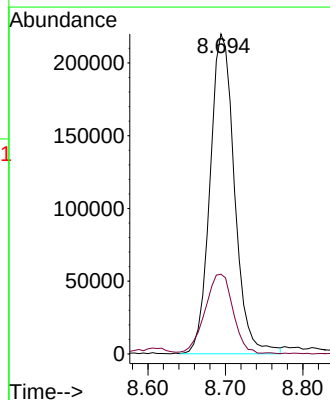
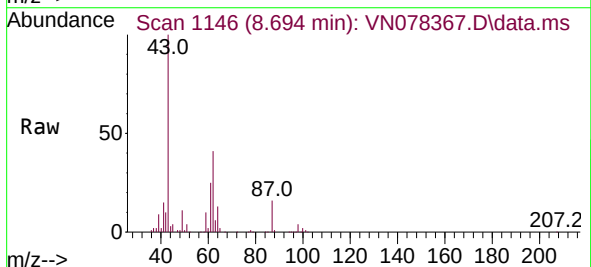
06/24/2023
Supervised By :Mahesh
Dadoda

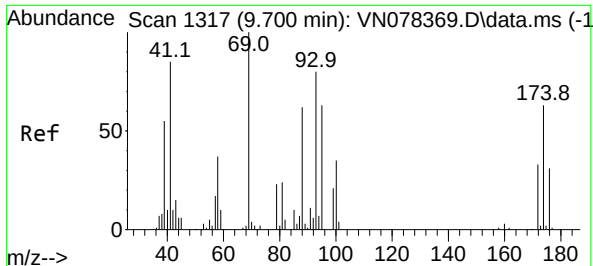
06/26/2023



#44
Isopropyl Acetate
Concen: 47.393 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.006 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Tgt Ion: 43 Resp: 481955
Ion Ratio Lower Upper
43 100
61 28.6 23.0 34.6





#45

1,4-Dioxane

Concen: 925.869 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VN078367.D

Acq: 23 Jun 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 88	Resp: 81104
Ion Ratio	Lower Upper
88 100	
43 27.9	19.0 28.6
58 65.3	48.2 72.2

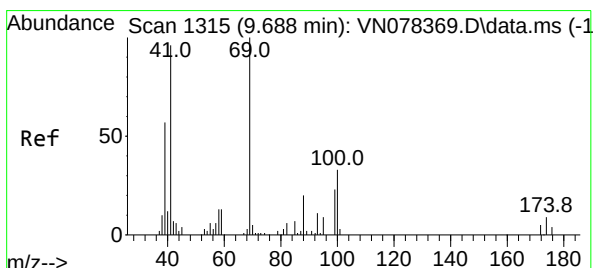
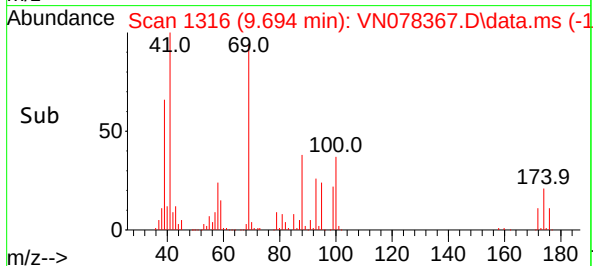
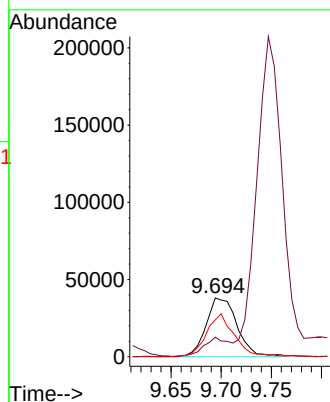
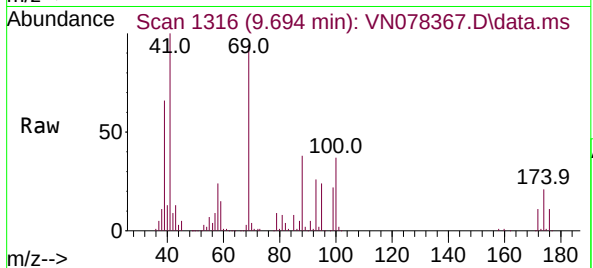
Manual Integrations
APPROVED

Reviewed By :John
Carlone

06/24/2023

Supervised By :Mahesh
Dadoda

06/26/2023



#46

Methyl methacrylate

Concen: 47.980 ug/l

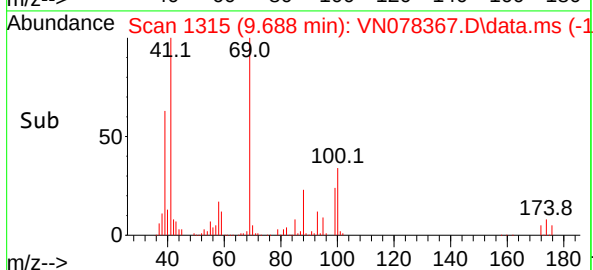
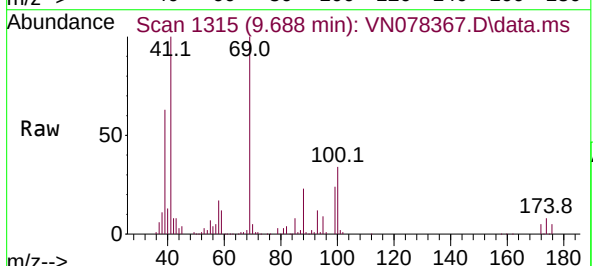
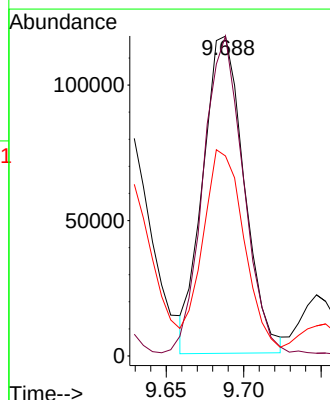
RT: 9.688 min Scan# 1315

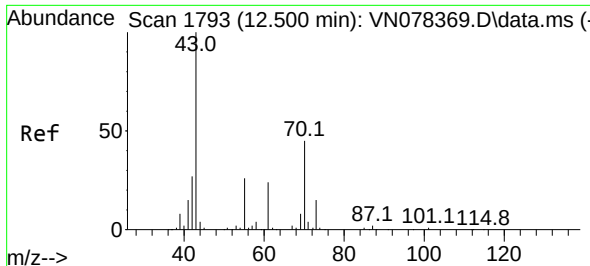
Delta R.T. 0.000 min

Lab File: VN078367.D

Acq: 23 Jun 2023 10:22

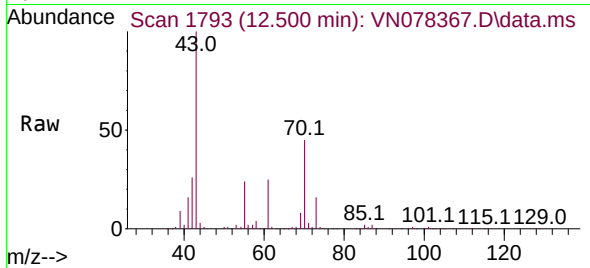
Tgt Ion: 41	Resp: 217195
Ion Ratio	Lower Upper
41 100	
69 103.3	49.0 147.0
39 63.5	31.6 94.8





#47
n-amy1 Acetate
Concen: 51.573 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



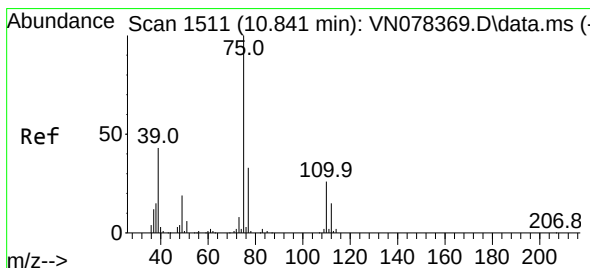
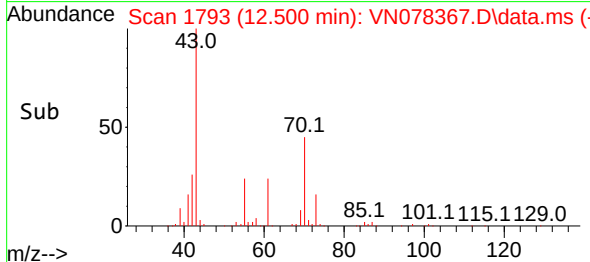
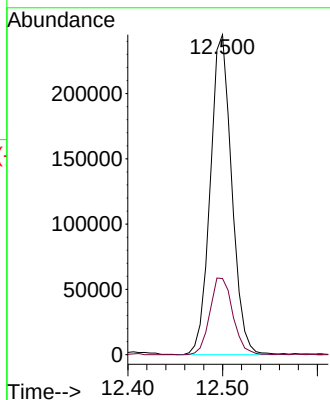
Tgt Ion: 43 Resp: 38552
Ion Ratio Lower Upper
43 100
55 25.6 21.5 32.3

Manual Integrations
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Reviewed By :John
Carlone

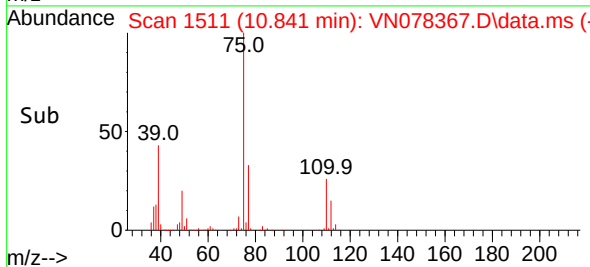
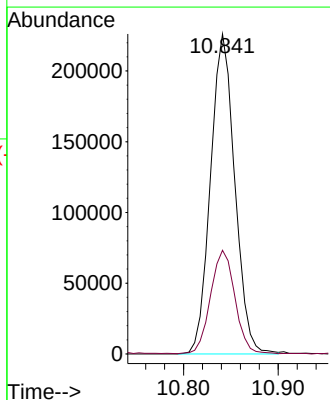
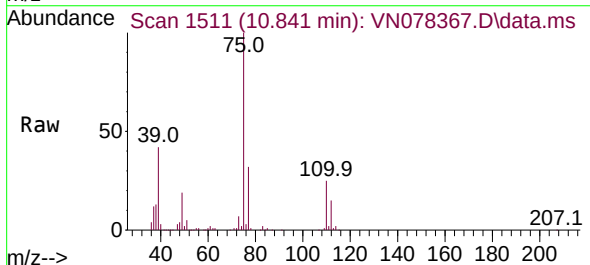
06/24/2023
Supervised By :Mahesh
Dadoda

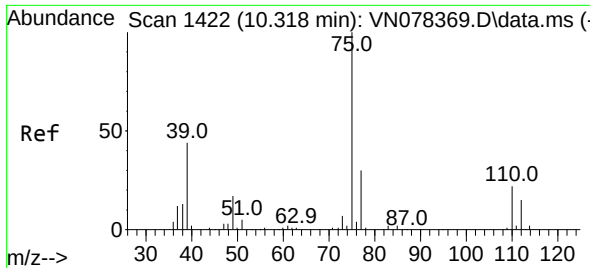
06/26/2023



#48
t-1,3-Dichloropropene
Concen: 49.089 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Tgt Ion: 75 Resp: 402552
Ion Ratio Lower Upper
75 100
77 32.3 26.1 39.1





#49
cis-1,3-Dichloropropene
Concen: 48.876 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 75 Resp: 441793
Ion Ratio Lower Upper
75 100
77 31.1 24.0 36.0
39 40.4 35.1 52.7

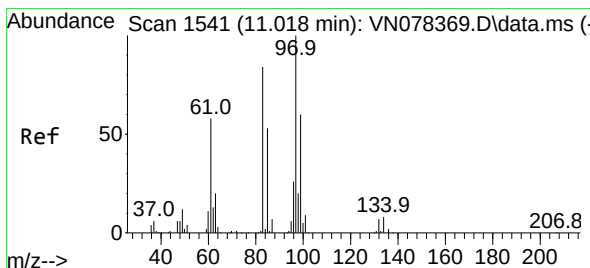
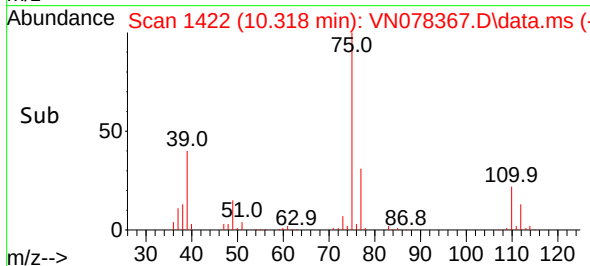
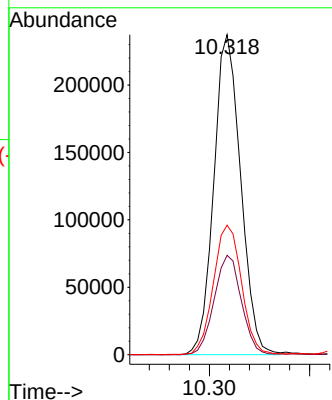
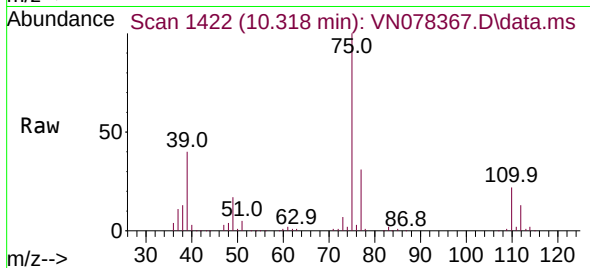
Manual Integrations
APPROVED

Reviewed By :John
Carlone

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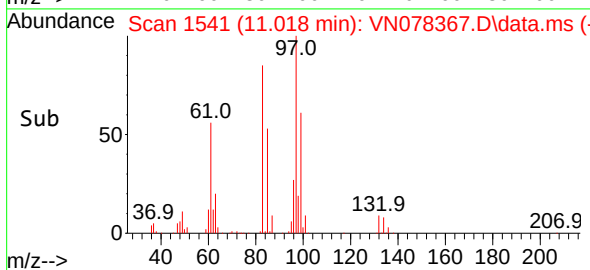
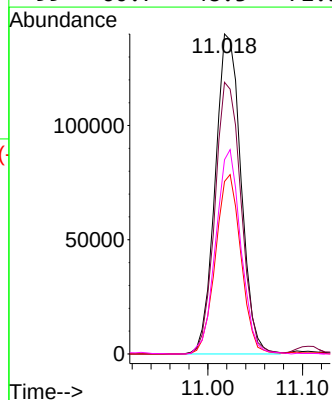
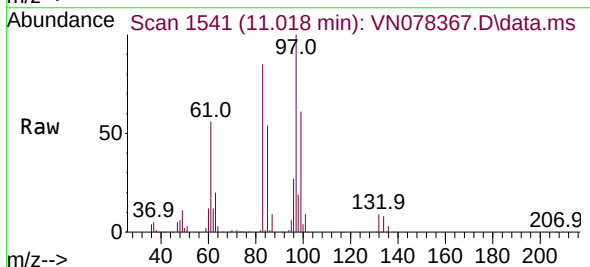
Supervised By :Mahesh
Dadoda

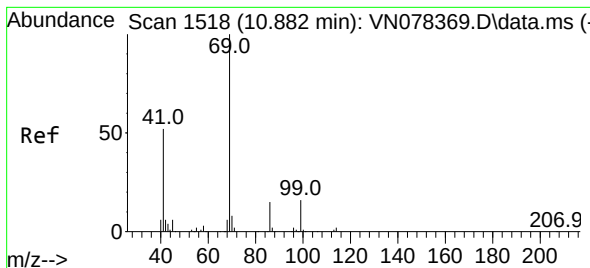
06/26/2023



#50
1,1,2-Trichloroethane
Concen: 48.121 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

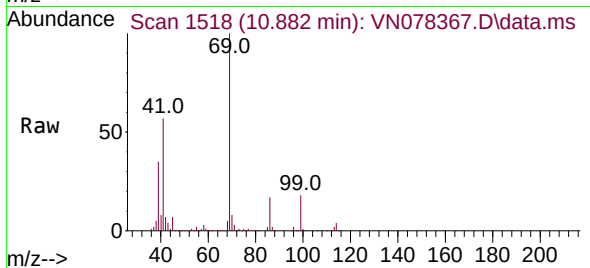
Tgt Ion: 97 Resp: 265280
Ion Ratio Lower Upper
97 100
83 84.9 66.8 100.2
85 53.9 42.5 63.7
99 60.7 48.3 72.5





#51
Ethyl methacrylate
Concen: 49.626 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



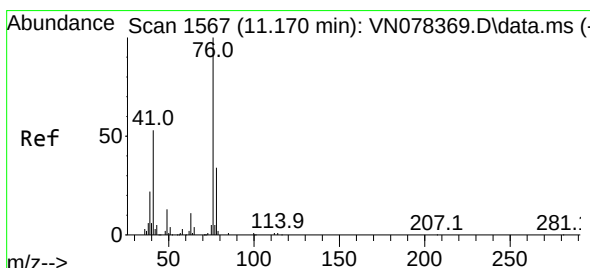
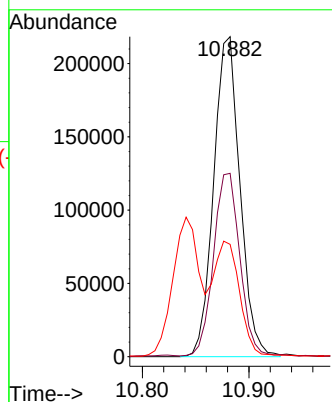
Tgt Ion: 69 Resp: 374259
Ion Ratio Lower Upper
69 100
41 57.1 26.0 78.0
39 34.6 16.3 48.9

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Reviewed By :John
Carlone

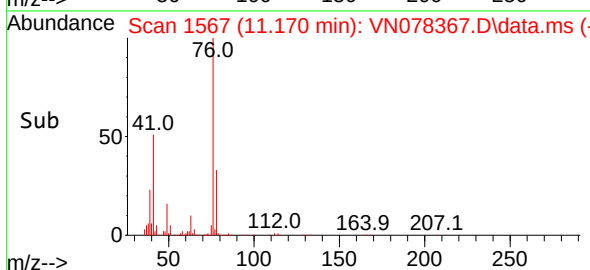
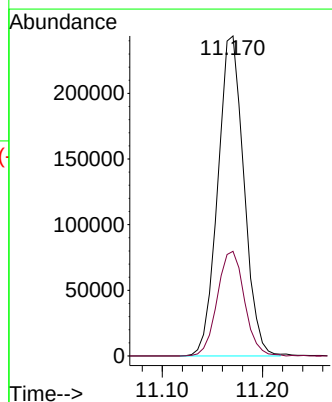
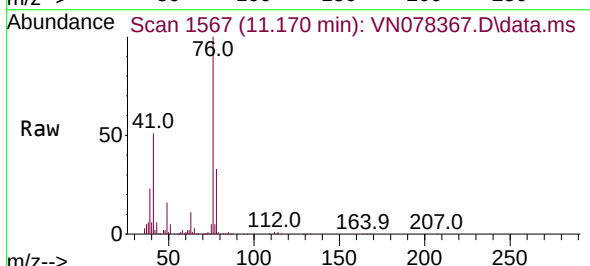
06/24/2023
Supervised By :Mahesh
Dadoda

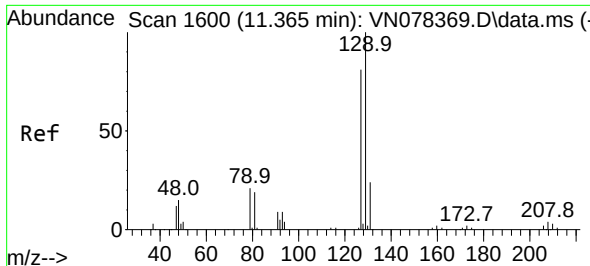
06/26/2023



#52
1,3-Dichloropropane
Concen: 47.600 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

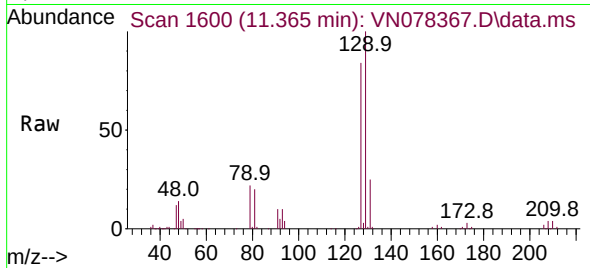
Tgt Ion: 76 Resp: 440410
Ion Ratio Lower Upper
76 100
78 34.0 0.0 66.2





#53
Dibromochloromethane
Concen: 48.758 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



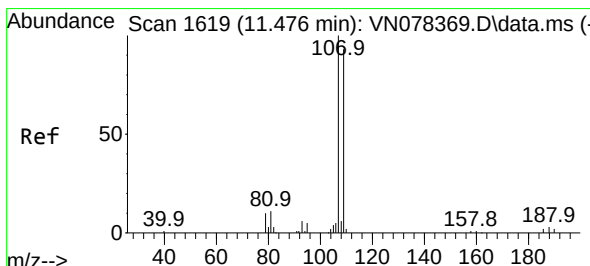
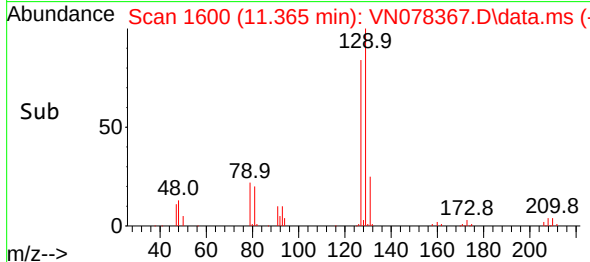
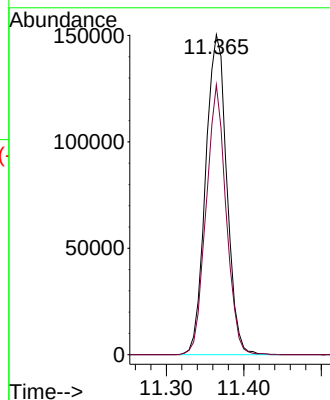
Tgt Ion:129 Resp: 285090
Ion Ratio Lower Upper
129 100
127 79.4 39.4 118.1

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Reviewed By :John
Carlone

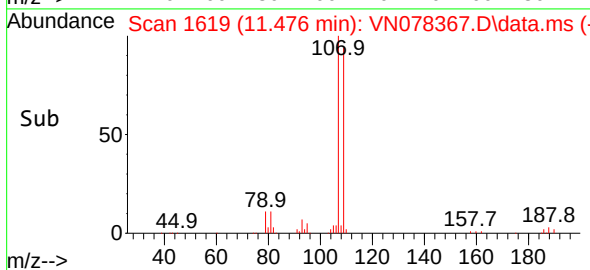
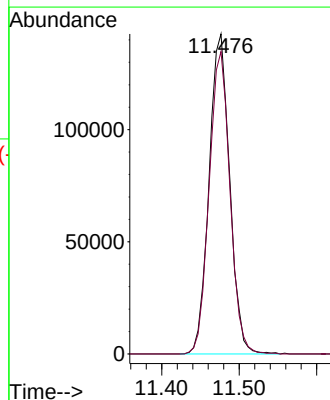
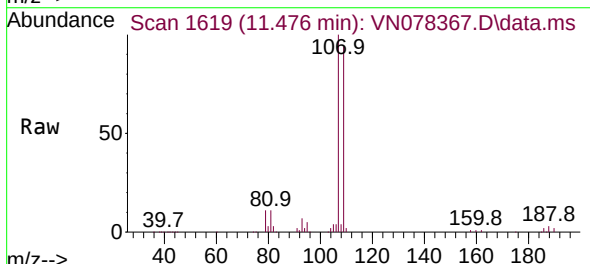
06/24/2023
Supervised By :Mahesh
Dadoda

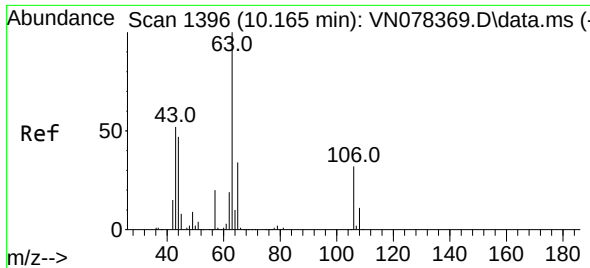
06/26/2023



#54
1,2-Dibromoethane
Concen: 47.438 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

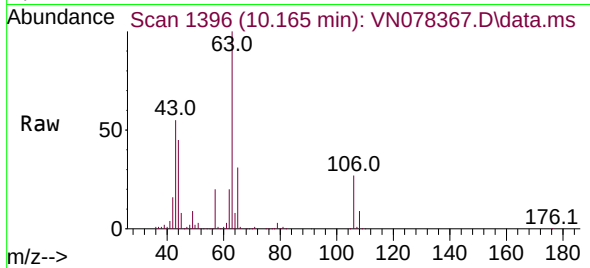
Tgt Ion:107 Resp: 263584
Ion Ratio Lower Upper
107 100
109 95.3 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 257.751 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



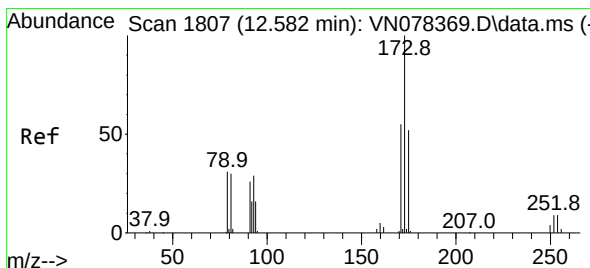
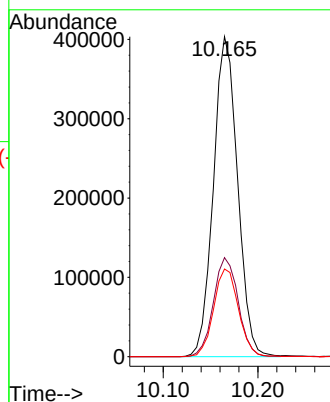
Tgt Ion: 63 Resp: 71713
Ion Ratio Lower Upper
63 100
65 31.7 26.3 39.5
106 28.2 23.8 35.6

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Reviewed By :John
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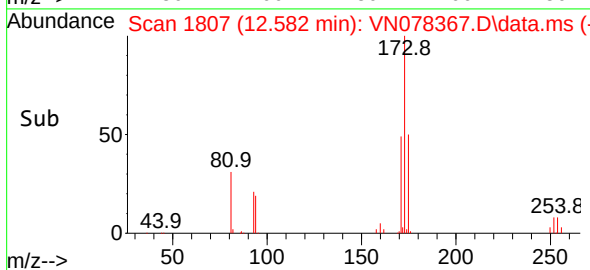
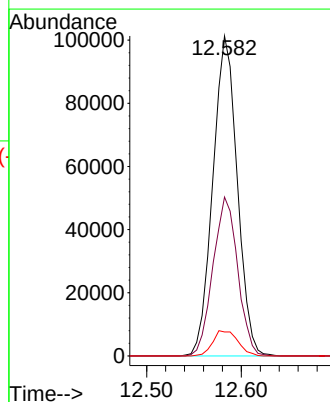
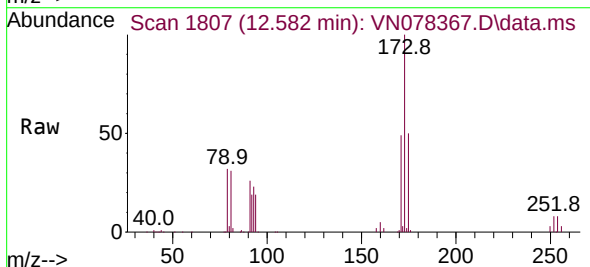
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Supervised By :Mahesh
Dadoda

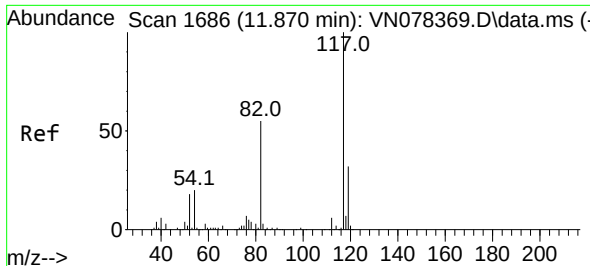
06/26/2023



#56
Bromoform
Concen: 50.641 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

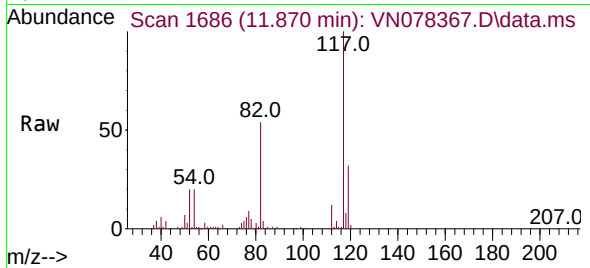
Tgt Ion:173 Resp: 181253
Ion Ratio Lower Upper
173 100
175 50.2 40.7 61.1
254 8.2 6.5 9.7





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



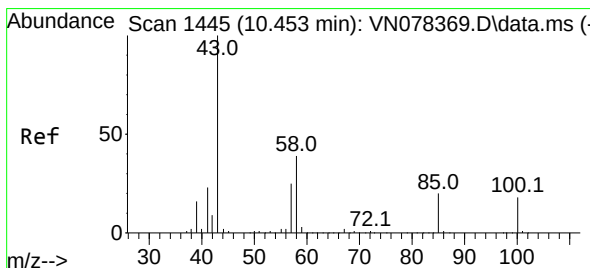
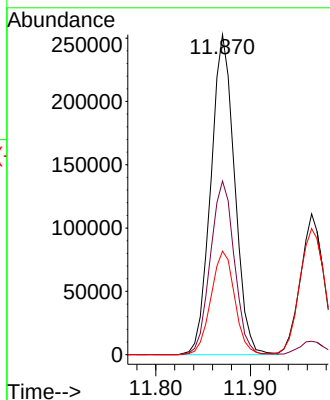
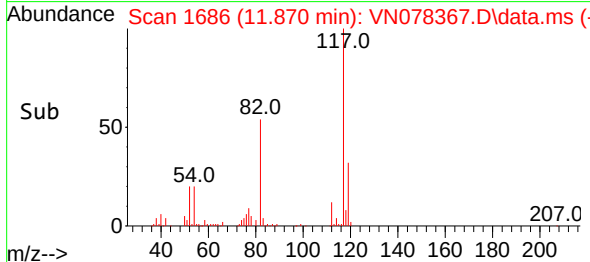
Tgt Ion:117 Resp: 441224
Ion Ratio Lower Upper
117 100
82 54.6 43.9 65.9
119 32.4 26.2 39.4

Manual Integrations
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Reviewed By :John
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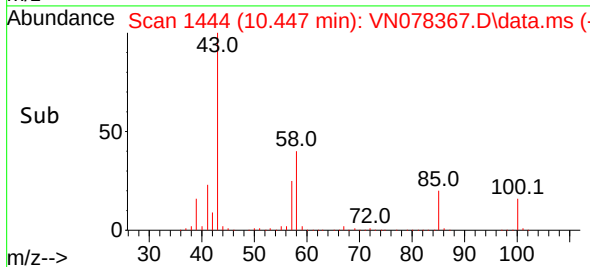
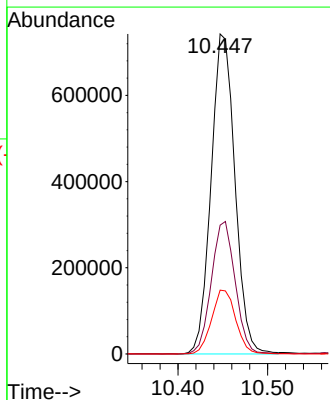
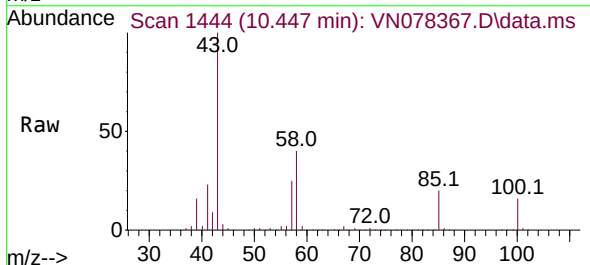
06/24/2023
Supervised By :Mahesh
Dadoda

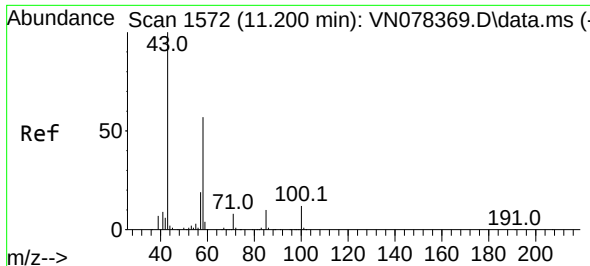
06/26/2023



#58
4-Methyl-2-Pentanone
Concen: 233.177 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Tgt Ion: 43 Resp: 1373912
Ion Ratio Lower Upper
43 100
58 41.3 32.6 48.8
85 20.1 16.2 24.2





#59
2-Hexanone
Concen: 234.942 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

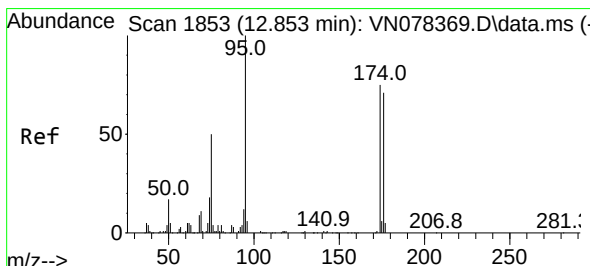
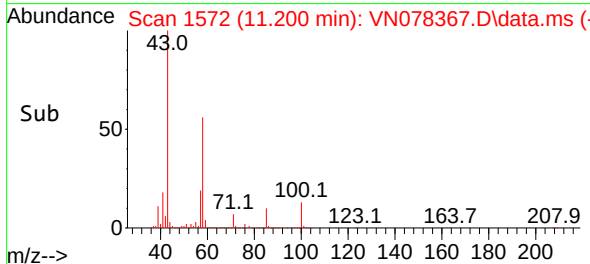
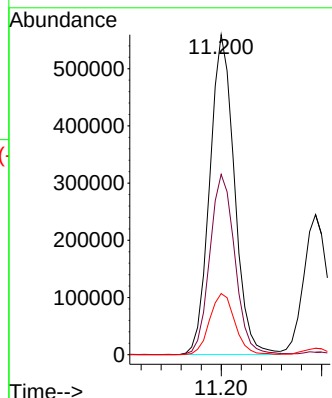
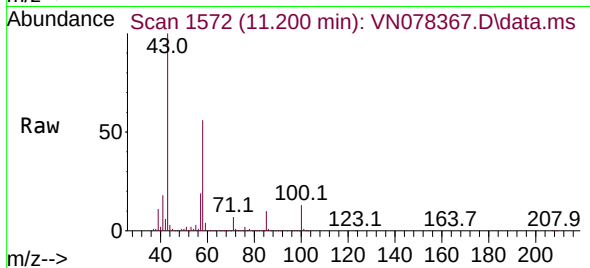
Tgt Ion: 43 Resp: 956052
Ion Ratio Lower Upper
43 100
58 57.4 45.9 68.9
57 19.6 15.8 23.6

Manual Integrations
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Reviewed By :John
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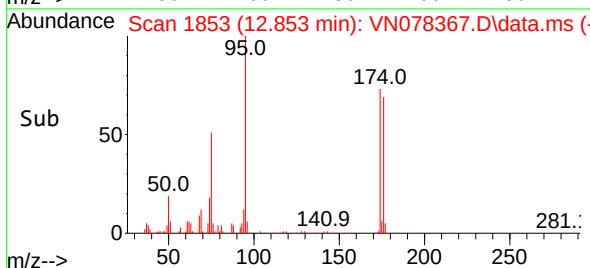
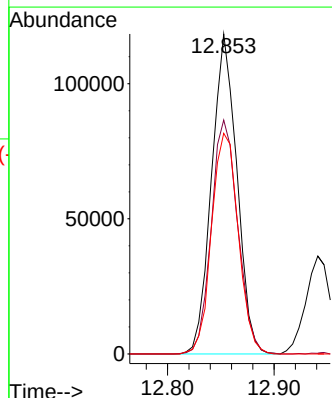
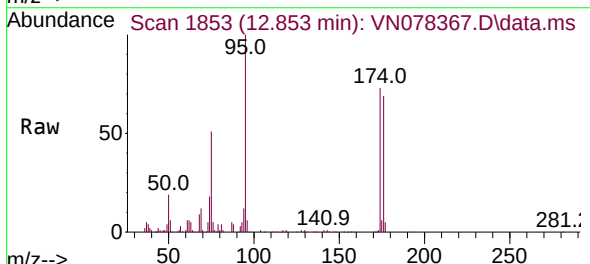
06/24/2023
Supervised By :Mahesh
Dadoda

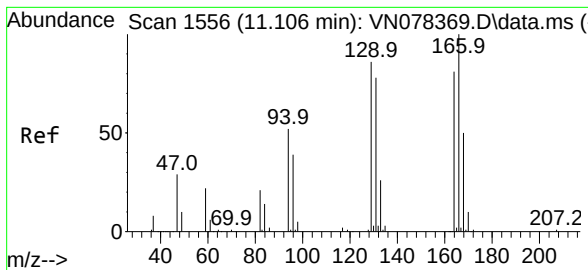
06/26/2023



#60
4-Bromofluorobenzene
Concen: 31.379 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

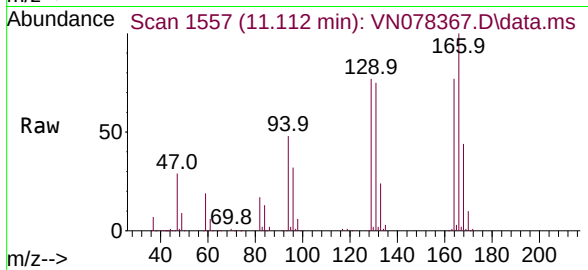
Tgt Ion: 95 Resp: 195063
Ion Ratio Lower Upper
95 100
174 76.4 61.7 92.5
176 72.9 58.1 87.1





#61
Tetrachloroethene
Concen: 46.501 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



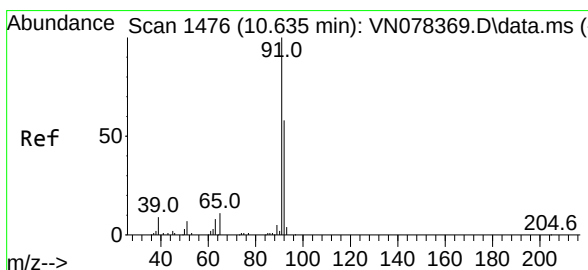
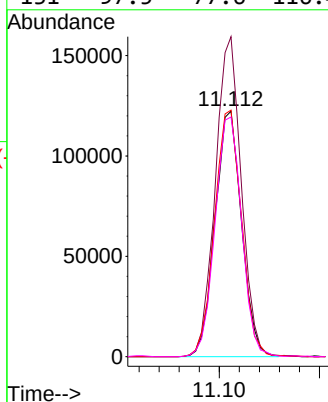
Tgt Ion:164 Resp: 224825
Ion Ratio Lower Upper
164 100
166 130.4 99.1 148.7
129 100.5 85.6 128.4
131 97.5 77.6 116.4

Manual Integrations
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Reviewed By :John
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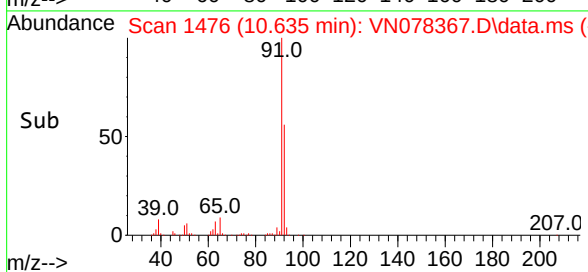
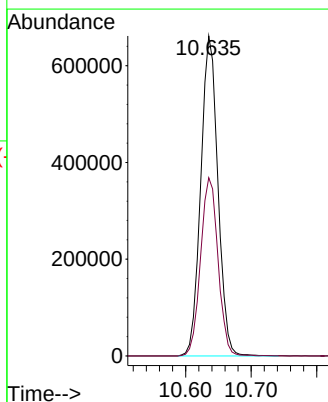
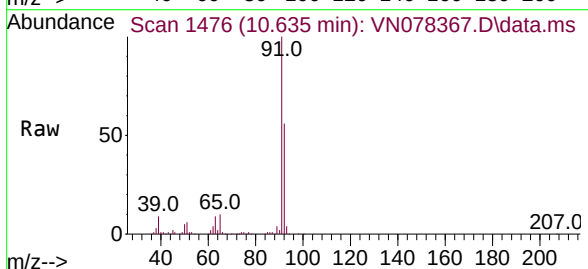
06/24/2023
Supervised By :Mahesh
Dadoda

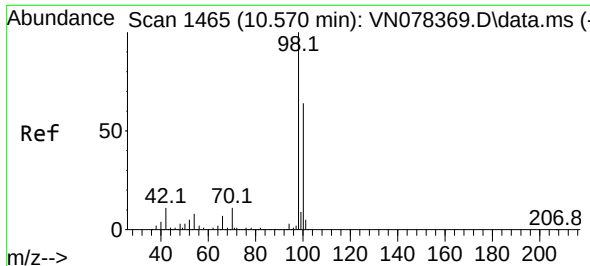
06/26/2023



#62
Toluene
Concen: 46.840 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

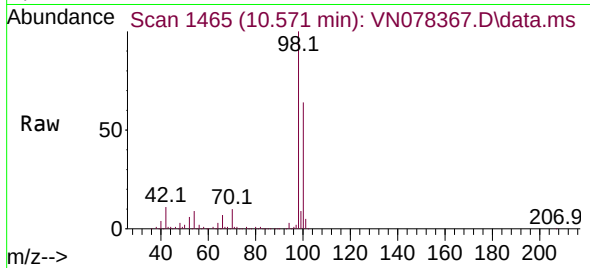
Tgt Ion: 91 Resp: 1202797
Ion Ratio Lower Upper
91 100
92 56.6 45.2 67.8





#63
Toluene-d8
Concen: 29.494 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



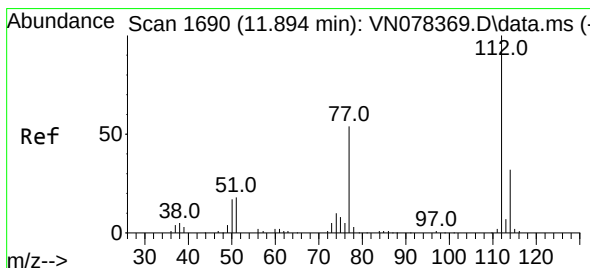
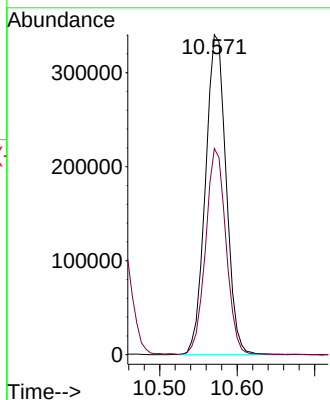
Tgt Ion: 98 Resp: 630538
Ion Ratio Lower Upper
98 100
100 63.7 49.7 74.5

Manual Integrations
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Reviewed By :John
Carlone

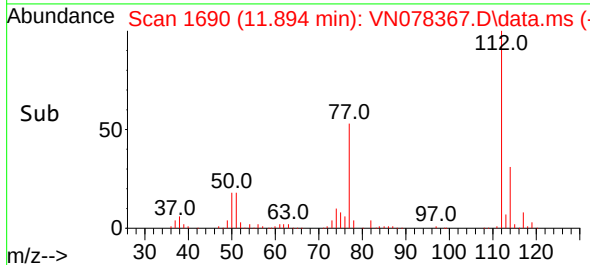
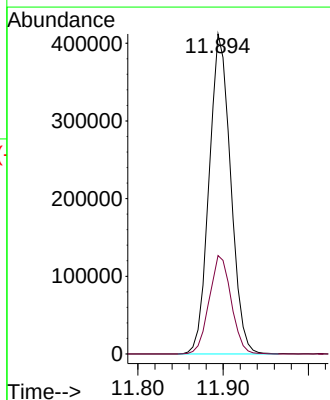
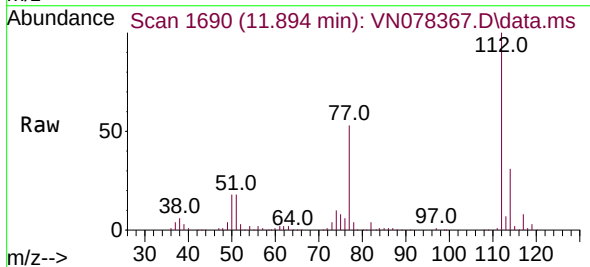
06/24/2023
Supervised By :Mahesh
Dadoda

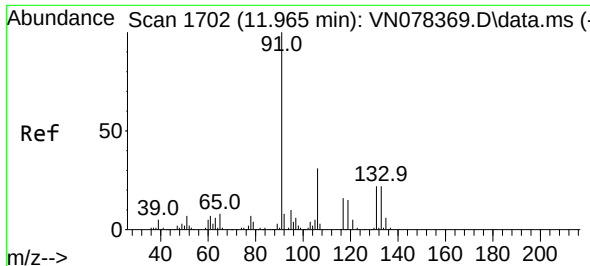
06/26/2023



#64
Chlorobenzene
Concen: 47.539 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

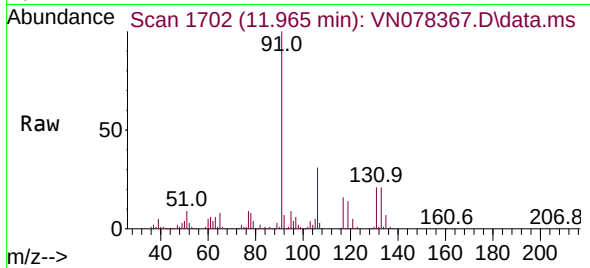
Tgt Ion:112 Resp: 723542
Ion Ratio Lower Upper
112 100
114 30.8 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 46.208 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



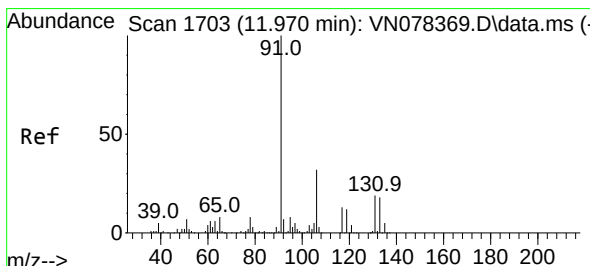
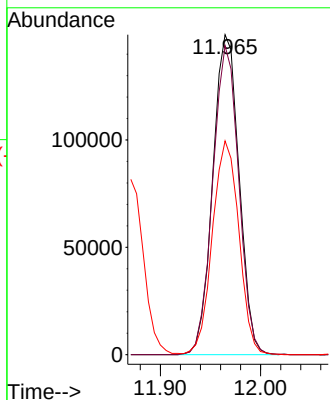
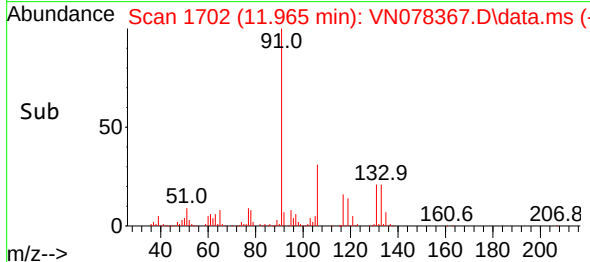
Tgt Ion:131 Resp: 271195
Ion Ratio Lower Upper
131 100
133 95.7 0.0 191.8
119 67.4 0.0 132.0

Manual Integrations
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Reviewed By :John
Carlone

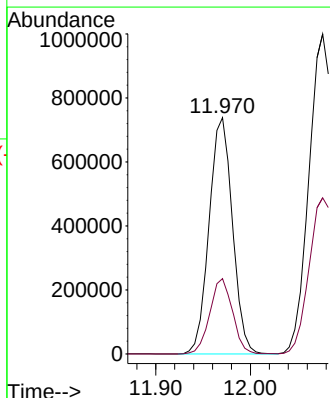
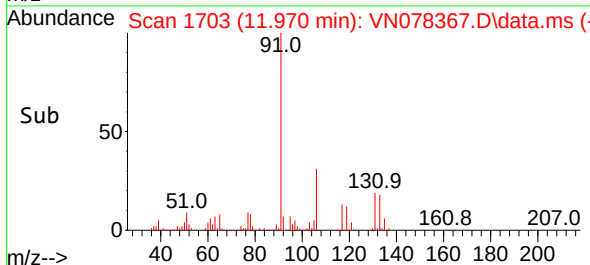
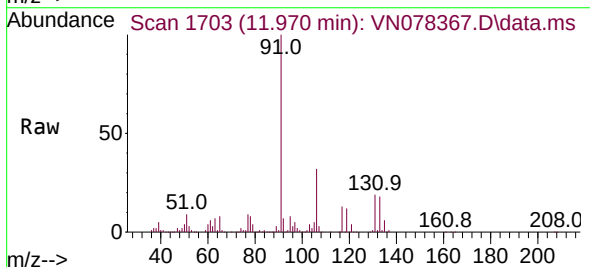
06/24/2023
Supervised By :Mahesh
Dadoda

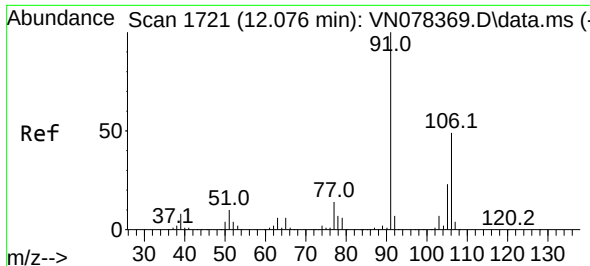
06/26/2023



#66
Ethyl Benzene
Concen: 48.495 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Tgt Ion: 91 Resp: 1267146
Ion Ratio Lower Upper
91 100
106 31.9 25.6 38.4





#67
m/p-Xylenes
Concen: 98.028 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

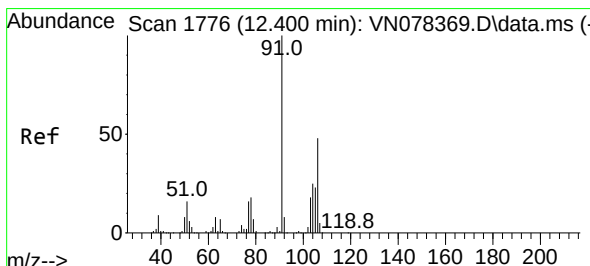
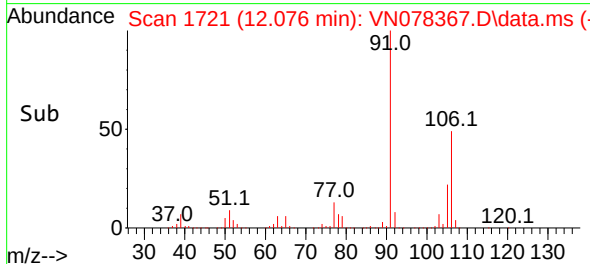
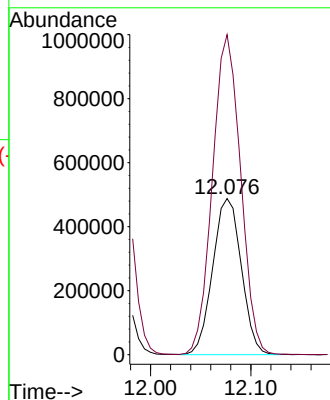
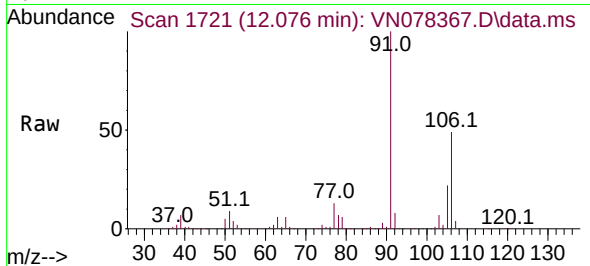
Tgt Ion:106 Resp: 968495
Ion Ratio Lower Upper
106 100
91 201.6 162.5 243.7

Manual Integrations
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Reviewed By :John
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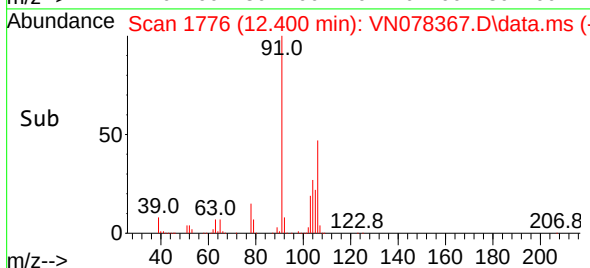
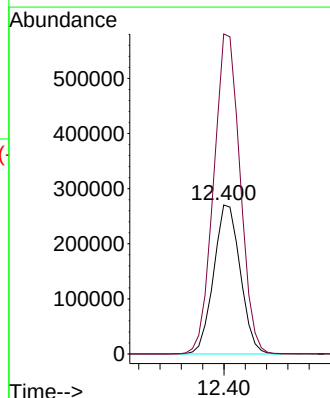
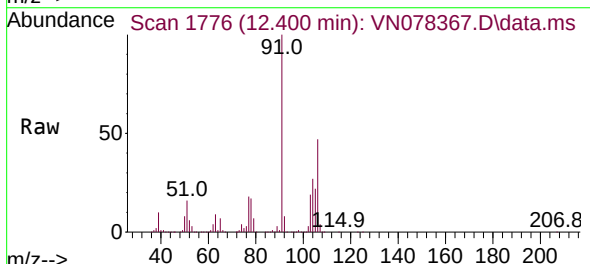
06/24/2023
Supervised By :Mahesh
Dadoda

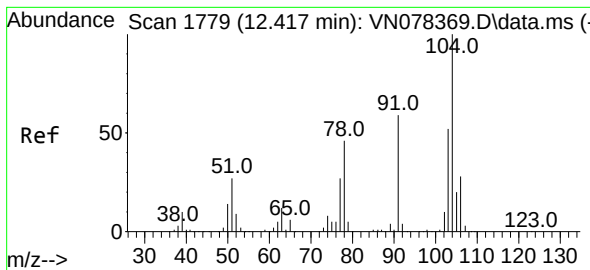
06/26/2023



#68
o-Xylene
Concen: 48.898 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Tgt Ion:106 Resp: 468468
Ion Ratio Lower Upper
106 100
91 213.6 106.1 318.3





#69

Styrene

Concen: 50.493 ug/l

RT: 12.417 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VN078367.D

Acq: 23 Jun 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion:104 Resp: 765930
 Ion Ratio Lower Upper
 104 100
 78 50.3 40.1 60.1
 103 55.7 45.1 67.7

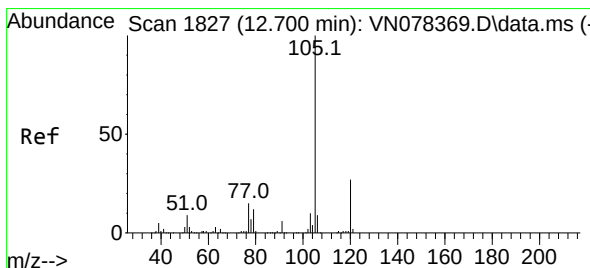
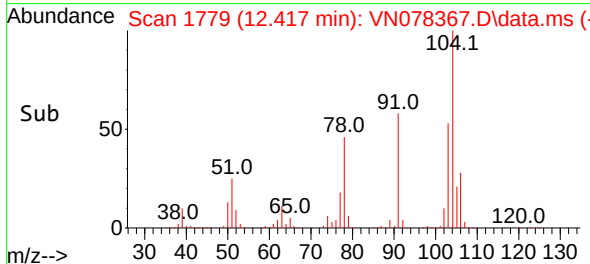
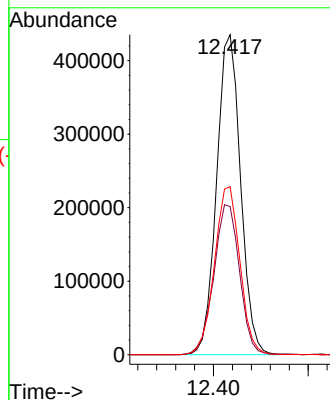
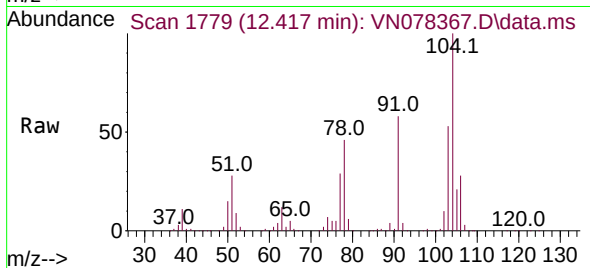
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

06/24/2023

Supervised By :Mahesh
 Dadoda

06/26/2023



#70

Isopropylbenzene

Concen: 48.687 ug/l

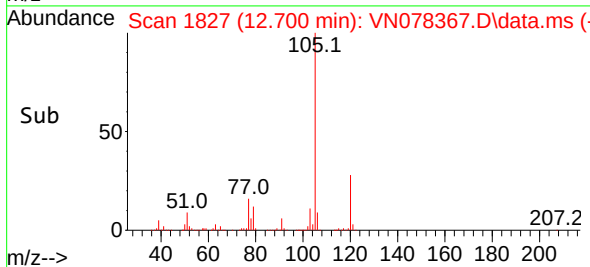
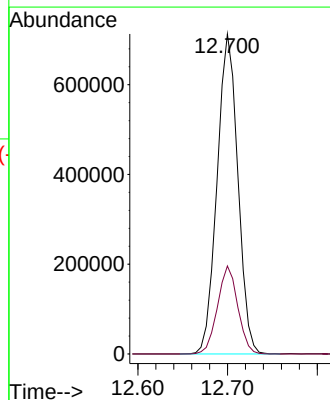
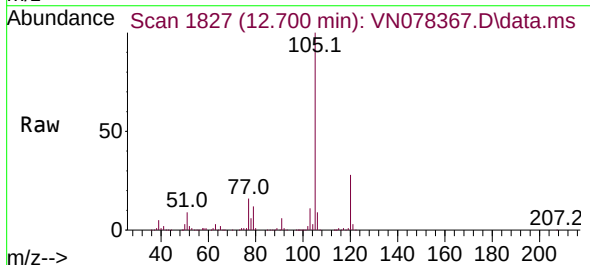
RT: 12.700 min Scan# 1827

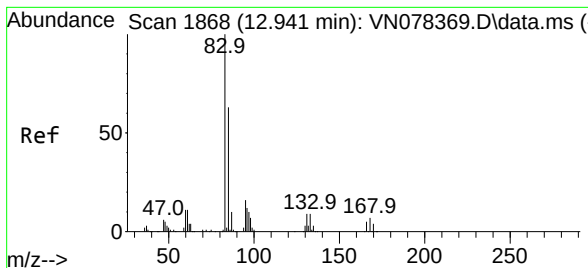
Delta R.T. 0.000 min

Lab File: VN078367.D

Acq: 23 Jun 2023 10:22

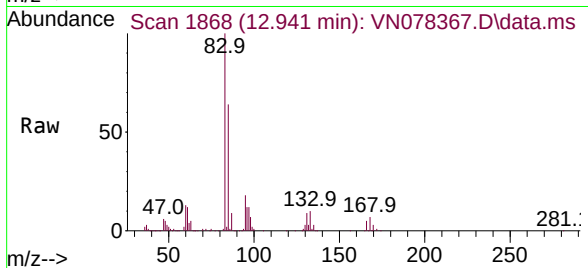
Tgt Ion:105 Resp: 1146145
 Ion Ratio Lower Upper
 105 100
 120 26.8 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 46.664 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



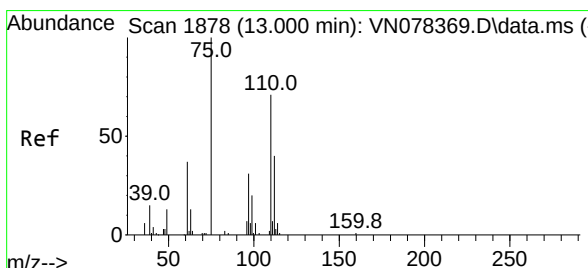
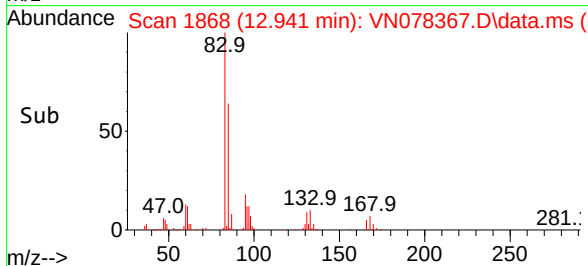
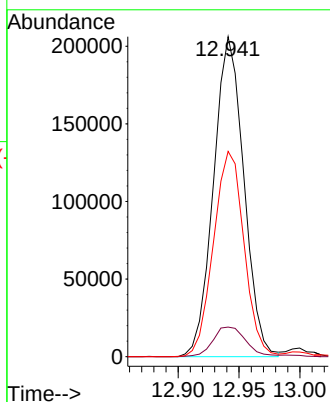
Tgt Ion: 83 Resp: 35723
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.4
85 64.7 32.6 98.0

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Reviewed By :John
Carlone

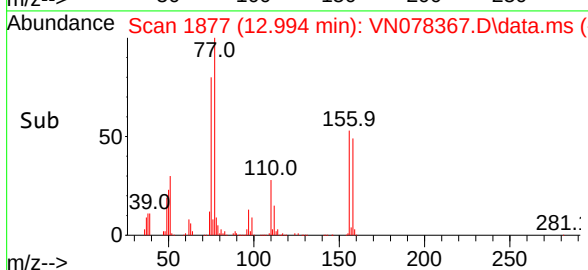
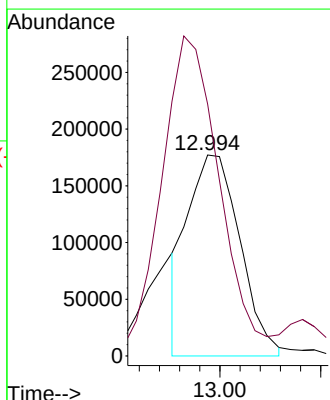
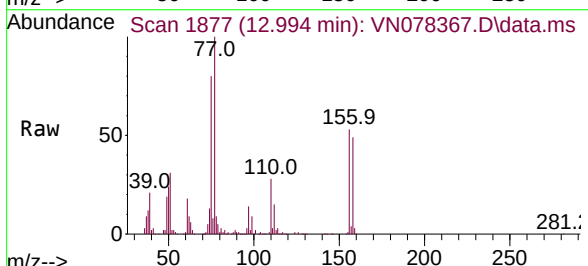
06/24/2023
Supervised By :Mahesh
Dadoda

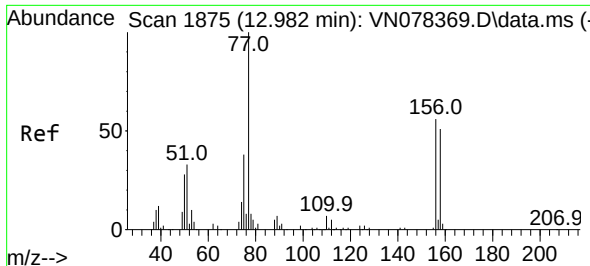
06/26/2023



#72
1,2,3-Trichloropropane
Concen: 47.402 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

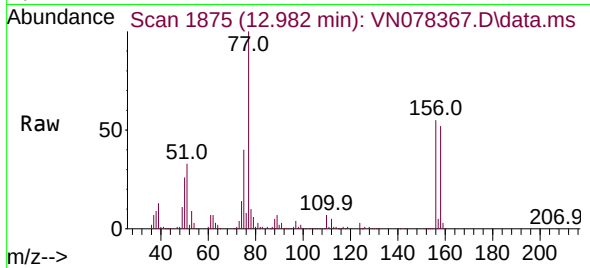
Tgt Ion: 75 Resp: 319882
Ion Ratio Lower Upper
75 100
77 176.0 0.0 387.4





#73
Bromobenzene
Concen: 48.231 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



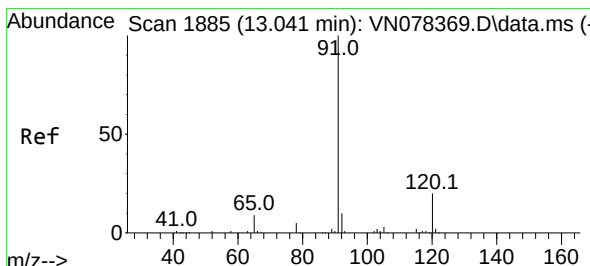
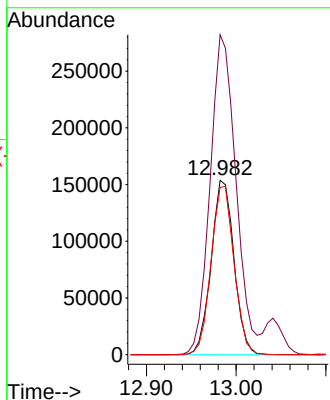
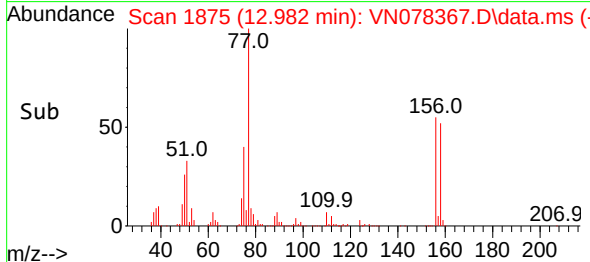
Tgt Ion:156 Resp: 271459
Ion Ratio Lower Upper
156 100
77 207.4 0.0 420.8
158 97.2 0.0 193.2

Manual Integrations
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Reviewed By :John
Carlone

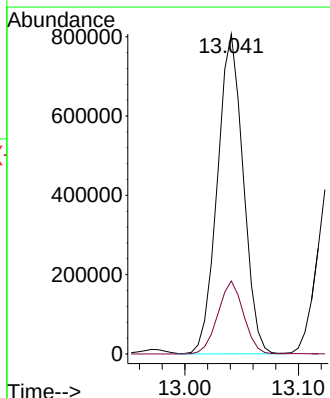
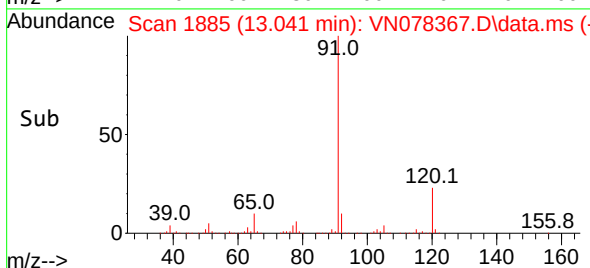
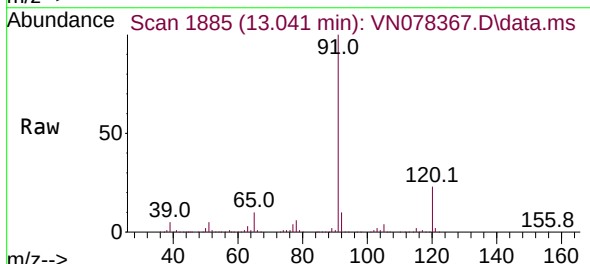
06/24/2023
Supervised By :Mahesh
Dadoda

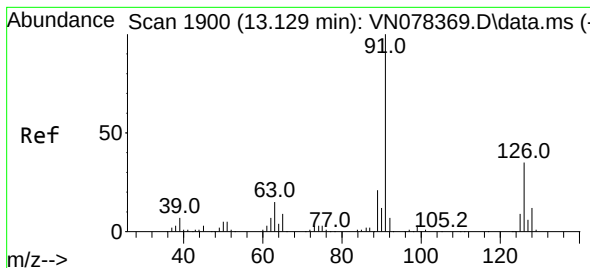
06/26/2023



#74
n-propylbenzene
Concen: 49.840 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Tgt Ion: 91 Resp: 1275836
Ion Ratio Lower Upper
91 100
120 22.6 0.0 44.6





#75
2-Chlorotoluene
Concen: 46.071 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

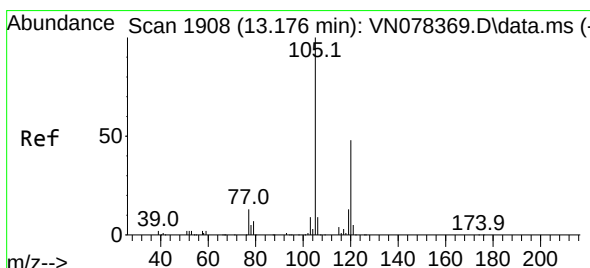
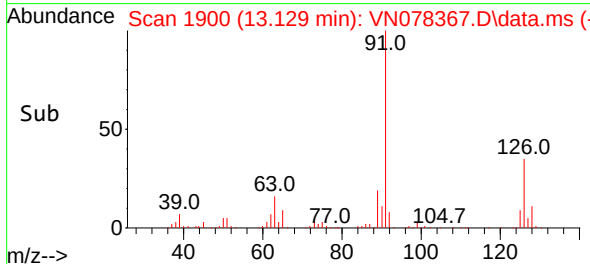
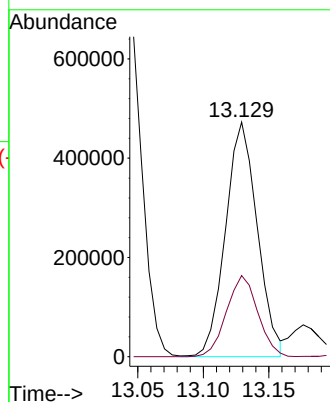
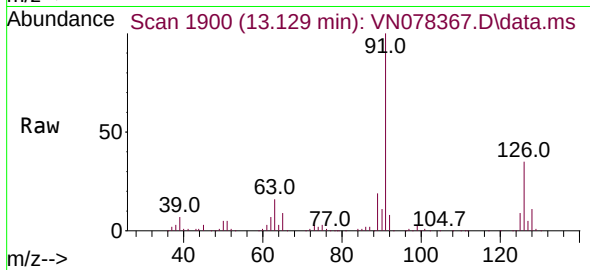
Tgt Ion: 91 Resp: 79835
Ion Ratio Lower Upper
91 100
126 34.0 0.0 67.2

Manual Integrations
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Reviewed By :John
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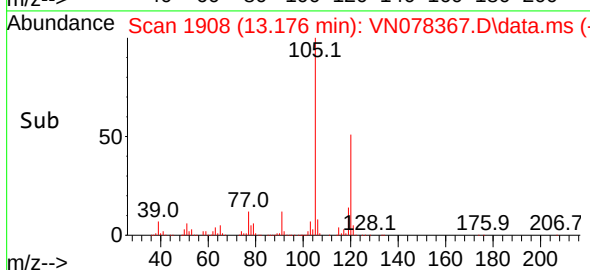
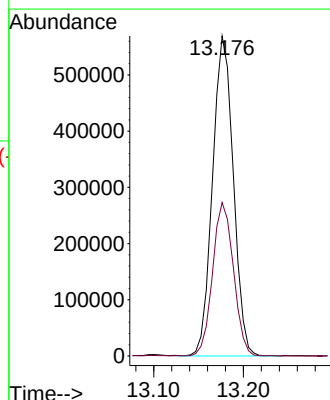
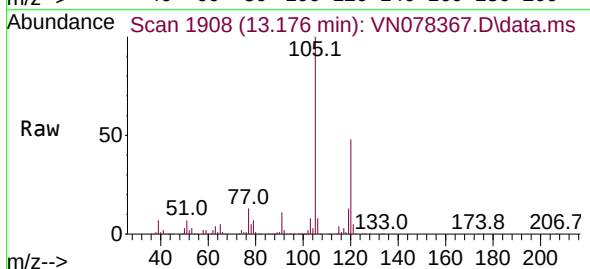
06/24/2023
Supervised By :Mahesh
Dadoda

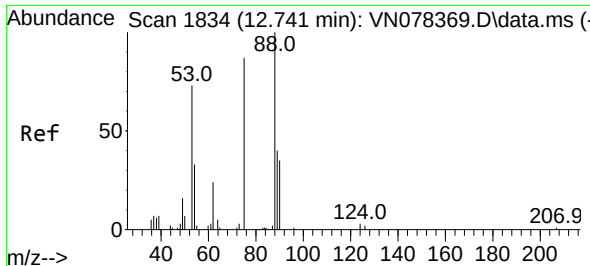
06/26/2023



#76
1,3,5-Trimethylbenzene
Concen: 46.898 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

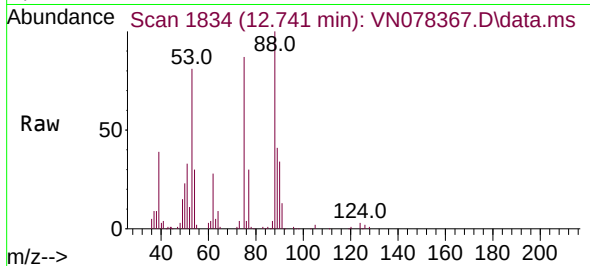
Tgt Ion:105 Resp: 915479
Ion Ratio Lower Upper
105 100
120 48.1 0.0 97.2





#77
t-1,4-Dichloro-2-butene
Concen: 51.833 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



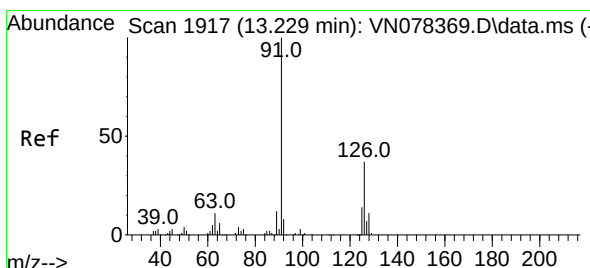
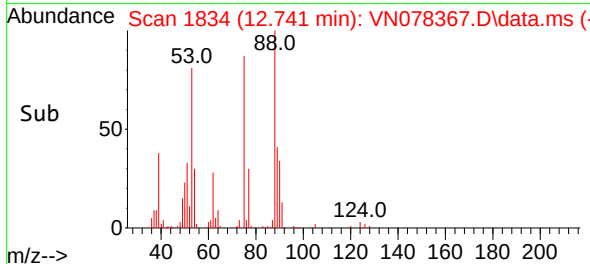
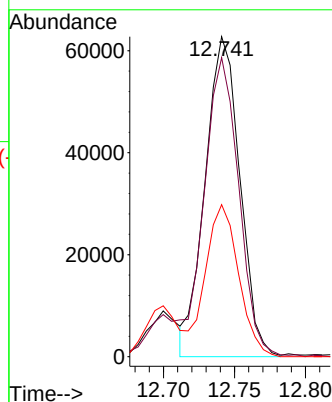
Tgt Ion: 75 Resp: 106908
Ion Ratio Lower Upper
75 100
53 93.3 41.6 124.9
89 47.7 25.1 75.4

Manual Integrations
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Reviewed By :John
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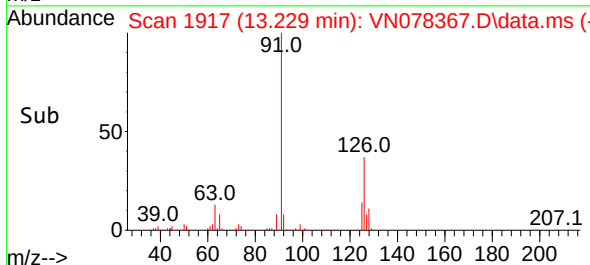
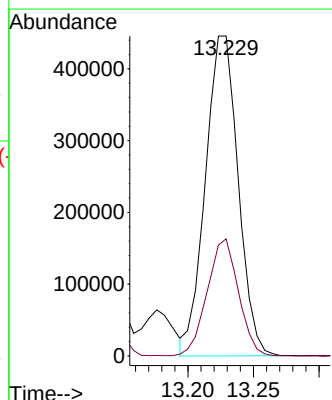
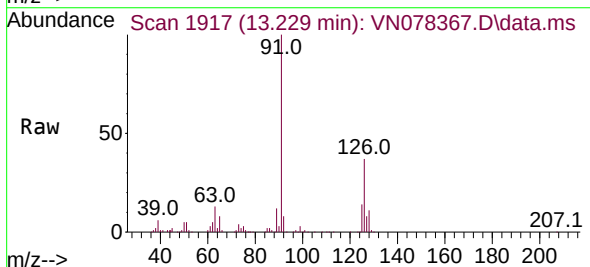
06/24/2023
Supervised By :Mahesh
Dadoda

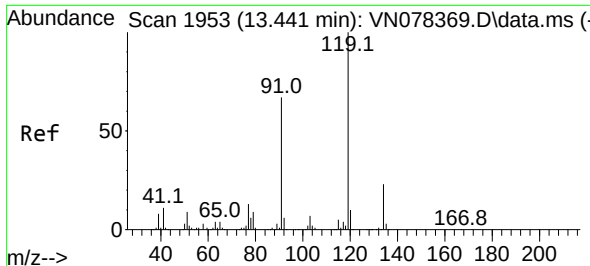
06/26/2023



#78
4-Chlorotoluene
Concen: 47.855 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

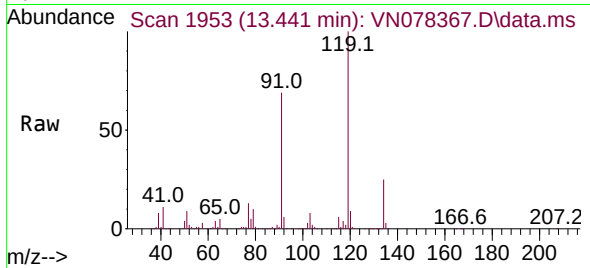
Tgt Ion: 91 Resp: 776015
Ion Ratio Lower Upper
91 100
126 34.9 0.0 68.8





#79
tert-butylbenzene
Concen: 45.366 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



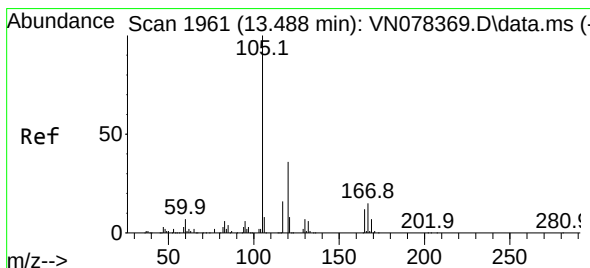
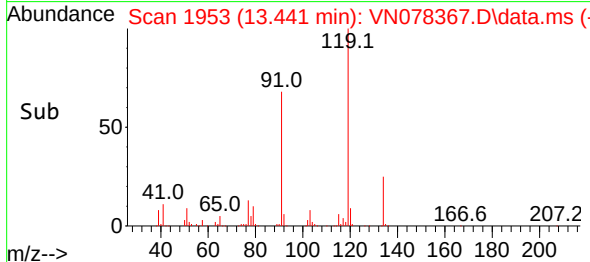
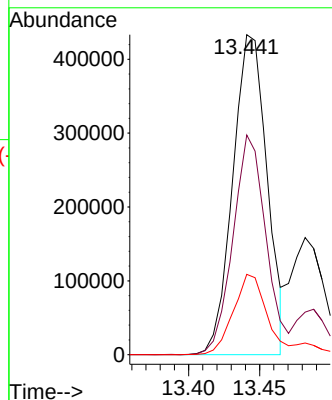
Tgt Ion:119 Resp: 728479
Ion Ratio Lower Upper
119 100
91 66.2 0.0 126.6
134 24.2 0.0 44.0

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Reviewed By :John
Carlone

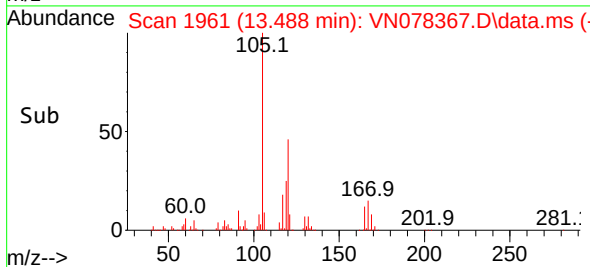
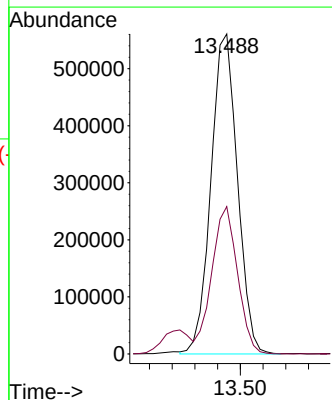
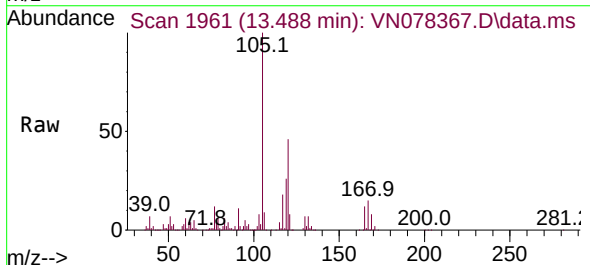
06/24/2023
Supervised By :Mahesh
Dadoda

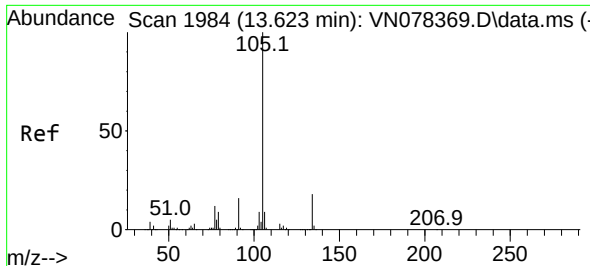
06/26/2023



#80
1,2,4-Trimethylbenzene
Concen: 49.295 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

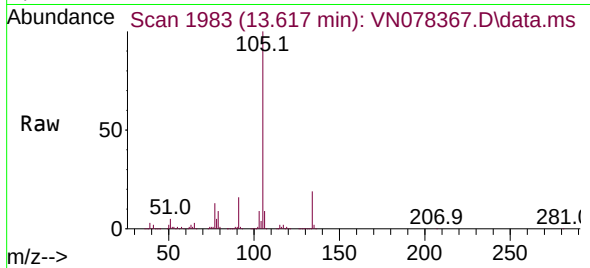
Tgt Ion:105 Resp: 909268
Ion Ratio Lower Upper
105 100
120 44.8 0.0 88.2





#81
 sec-Butylbenzene
 Concen: 47.783 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN078367.D
 Acq: 23 Jun 2023 10:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050



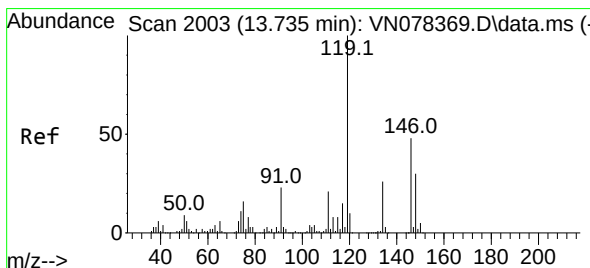
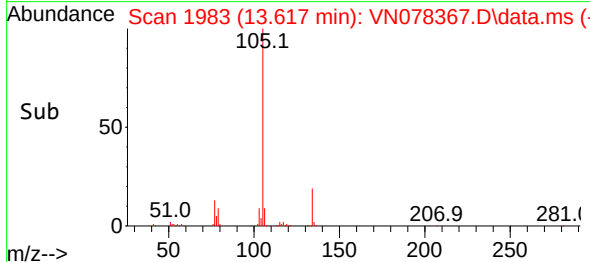
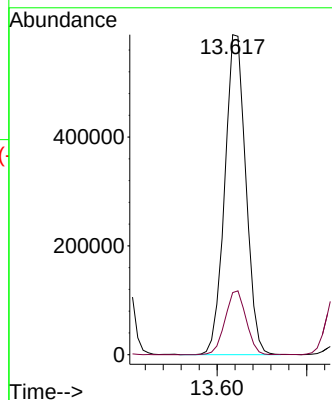
Tgt Ion:105 Resp: 957229
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 38.6

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Reviewed By :John
 Carlone

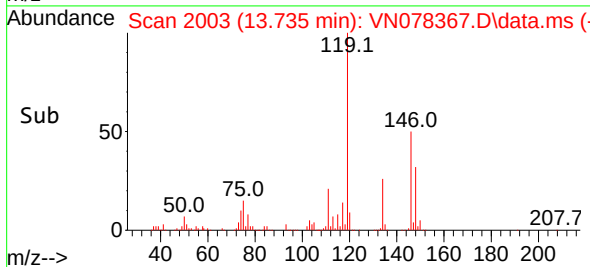
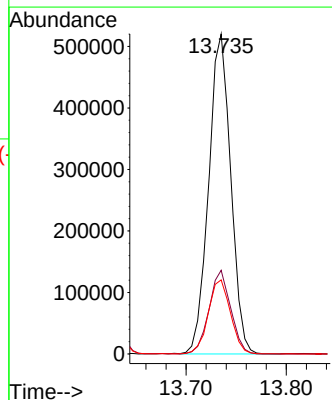
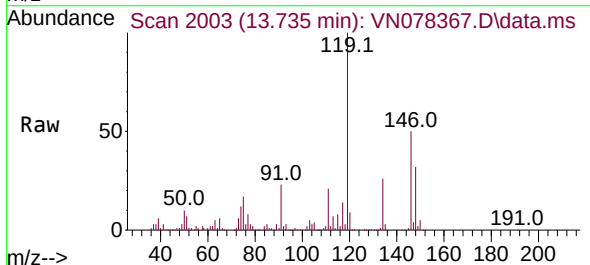
06/24/2023
 Supervised By :Mahesh
 Dadoda

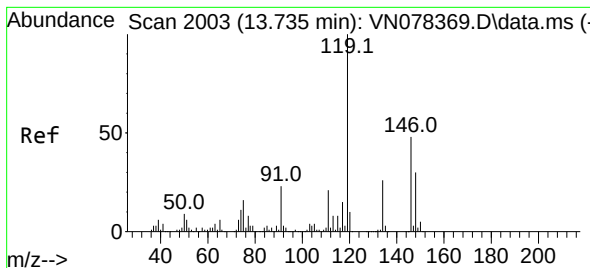
06/26/2023



#82
 p-Isopropyltoluene
 Concen: 49.527 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078367.D
 Acq: 23 Jun 2023 10:22

Tgt Ion:119 Resp: 798037
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 52.4
 91 23.3 0.0 48.2





#83

1,3-Dichlorobenzene

Concen: 51.084 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078367.D

Acq: 23 Jun 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

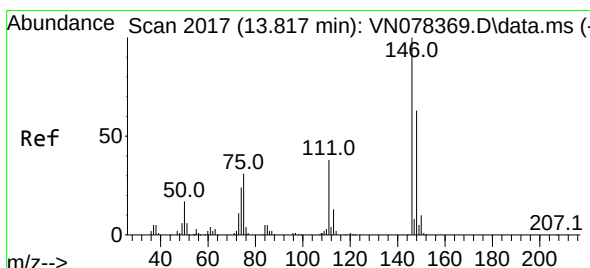
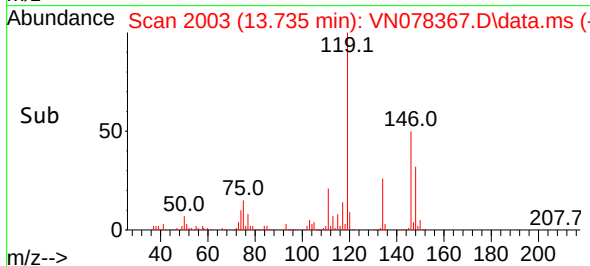
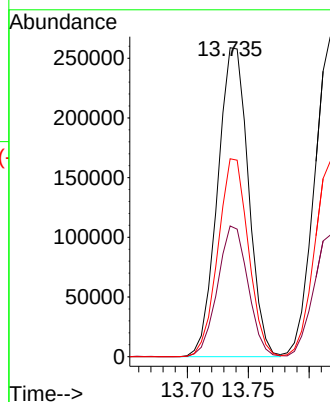
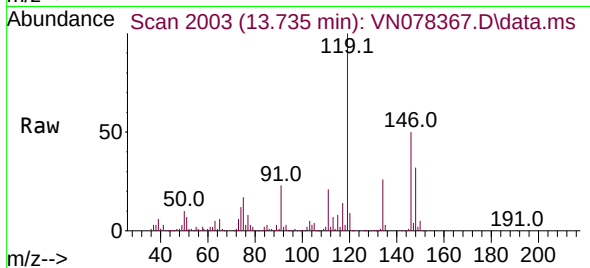
Tgt Ion:146 Resp: 455709
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.6 64.6
 148 63.1 31.9 95.5

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Reviewed By :John
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 Supervised By :Mahesh
 Dadoda

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#84

1,4-Dichlorobenzene

Concen: 51.782 ug/l

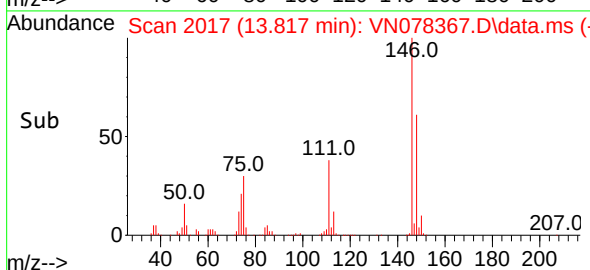
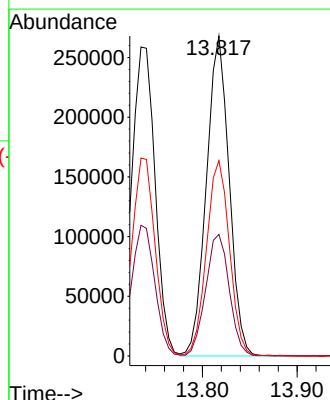
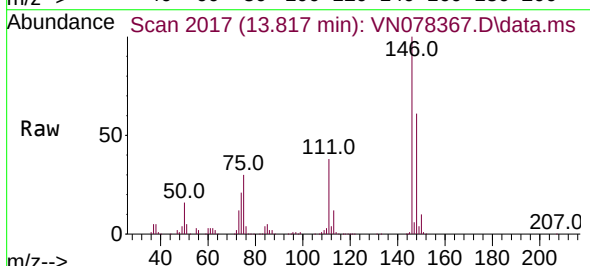
RT: 13.817 min Scan# 2017

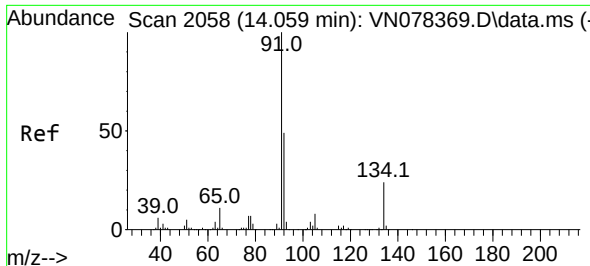
Delta R.T. 0.000 min

Lab File: VN078367.D

Acq: 23 Jun 2023 10:22

Tgt Ion:146 Resp: 446622
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.4 58.2
 148 61.8 31.4 94.3





#85
n-Butylbenzene
Concen: 49.762 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

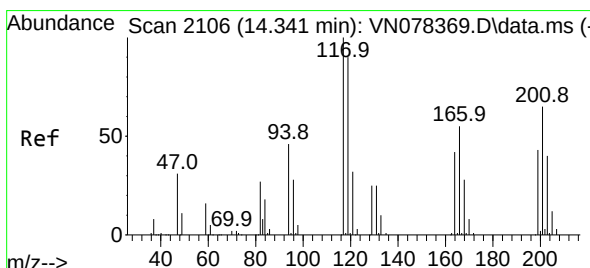
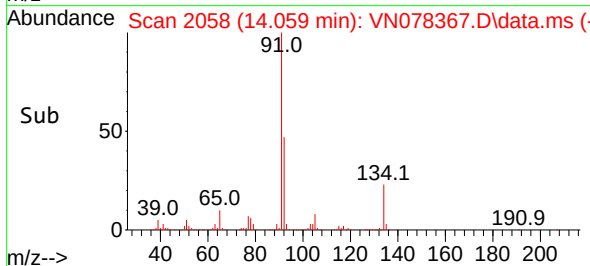
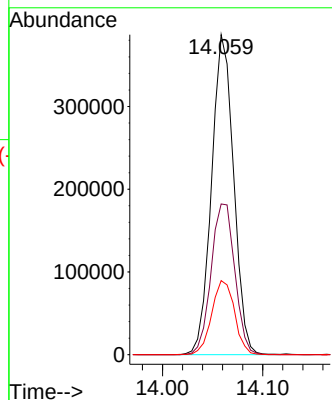
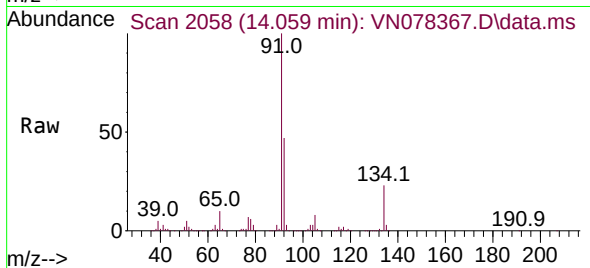
Tgt Ion: 91 Resp: 592274
Ion Ratio Lower Upper
91 100
92 50.6 0.0 99.6
134 23.9 0.0 50.0

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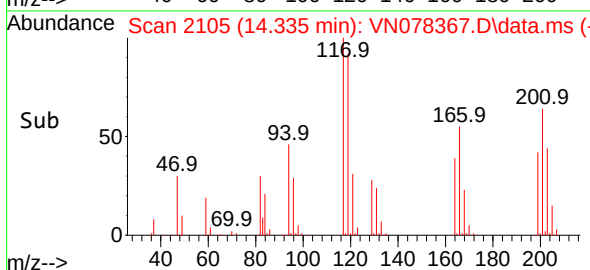
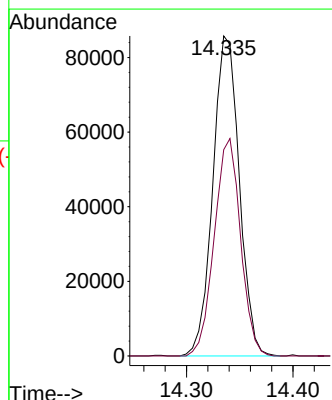
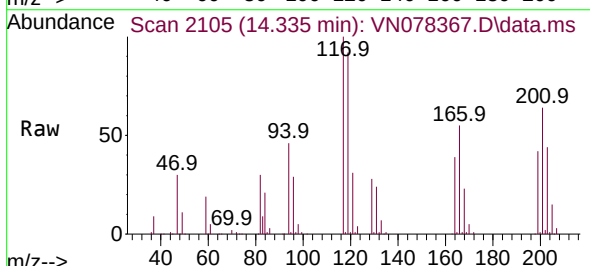
06/24/2023
Supervised By :Mahesh
Dadoda

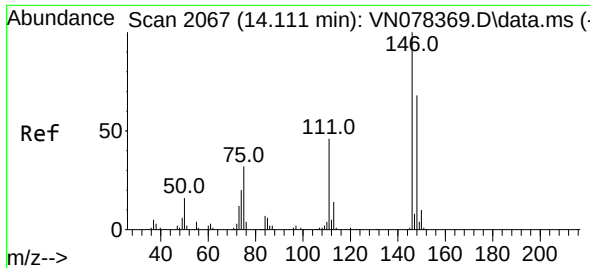
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#86
Hexachloroethane
Concen: 47.745 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

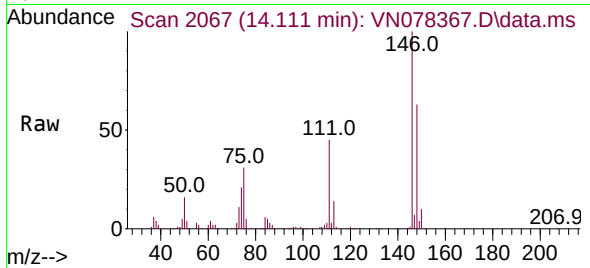
Tgt Ion:117 Resp: 148075
Ion Ratio Lower Upper
117 100
201 67.3 34.2 102.6





#87
1,2-Dichlorobenzene
Concen: 51.342 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



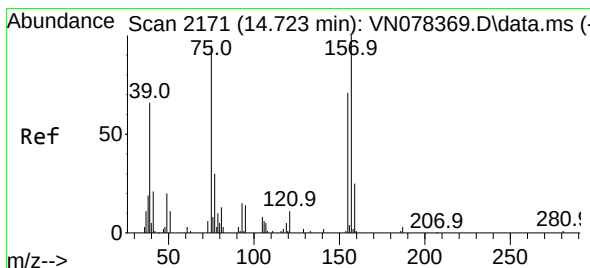
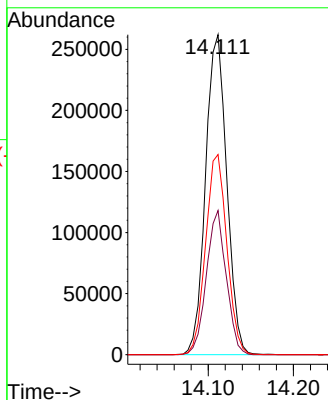
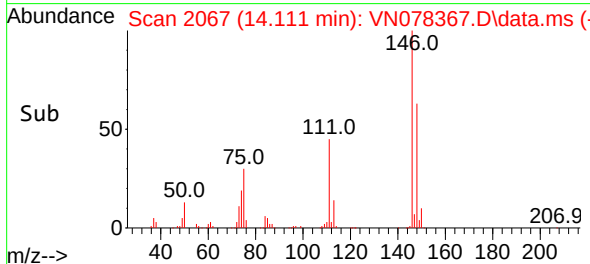
Tgt Ion:146 Resp: 45399
Ion Ratio Lower Upper
146 100
111 42.2 22.4 67.3
148 62.8 33.4 100.1

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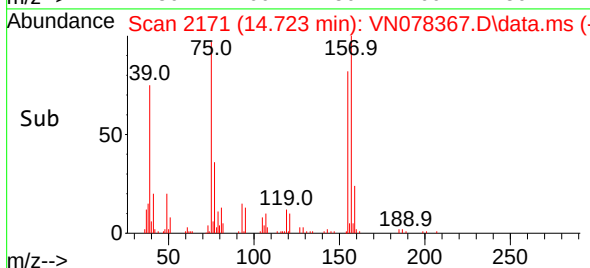
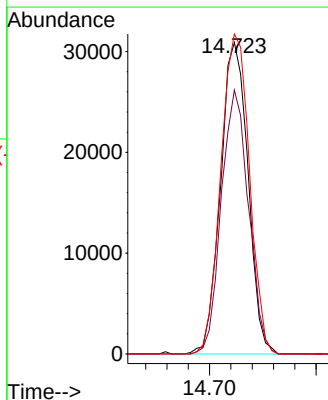
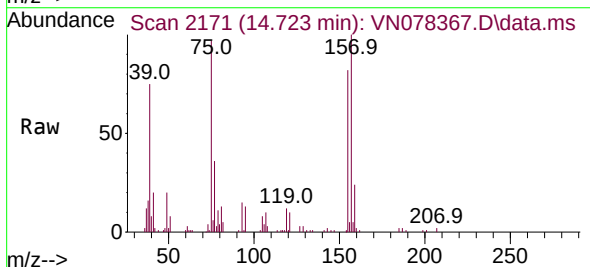
06/24/2023
Supervised By :Mahesh
Dadoda

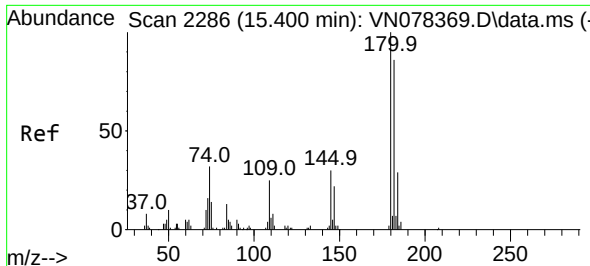
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#88
1,2-Dibromo-3-Chloropropane
Concen: 47.803 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

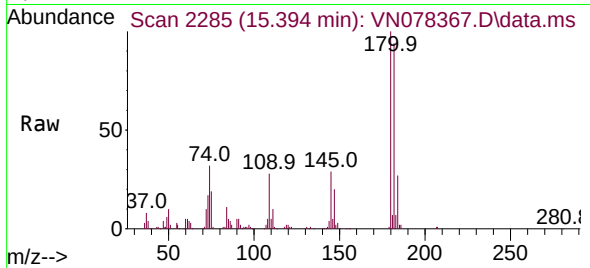
Tgt Ion: 75 Resp: 55140
Ion Ratio Lower Upper
75 100
155 84.4 68.2 102.2
157 107.5 84.7 127.1





#89
1,2,4-Trichlorobenzene
Concen: 54.643 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



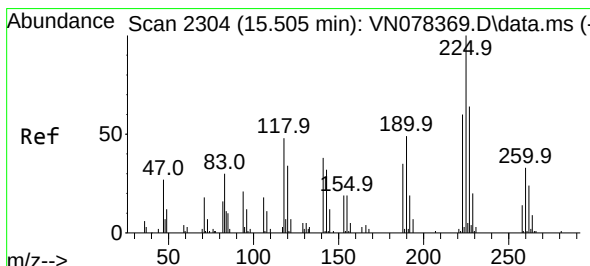
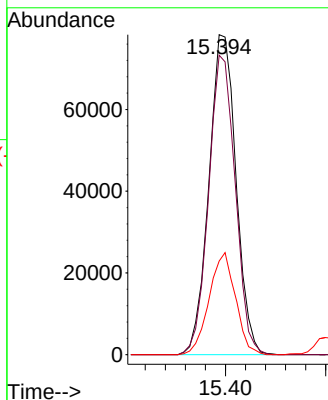
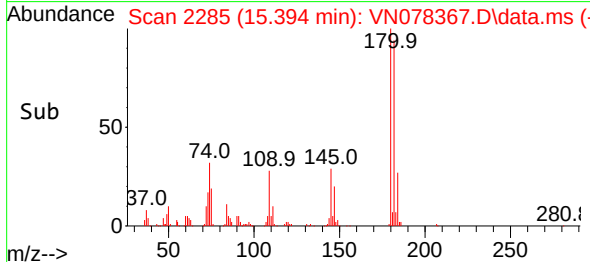
Tgt Ion:180 Resp: 147329
Ion Ratio Lower Upper
180 100
182 91.7 73.7 110.5
145 31.0 25.0 37.6

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Reviewed By :John
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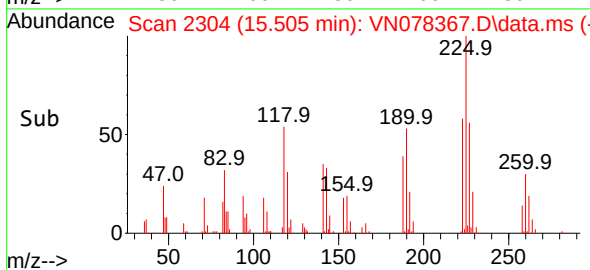
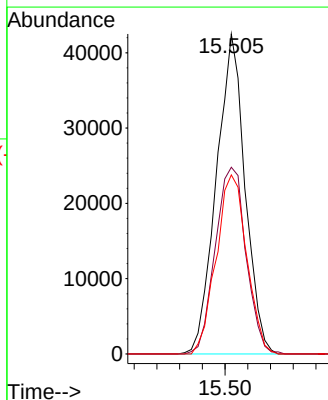
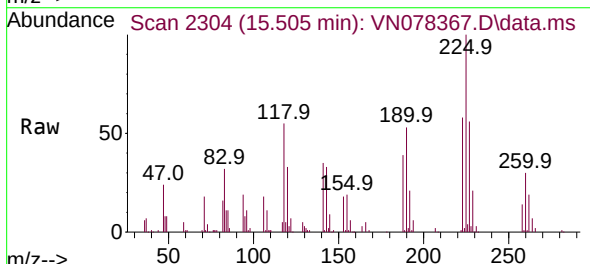
06/24/2023
Supervised By :Mahesh
Dadoda

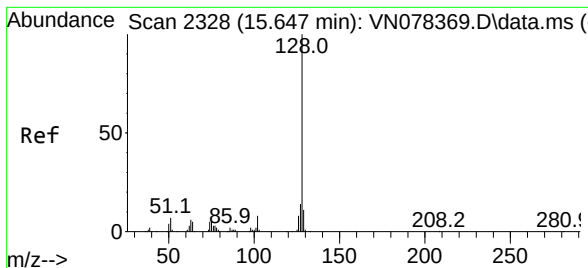
06/26/2023



#90
Hexachlorobutadiene
Concen: 40.641 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

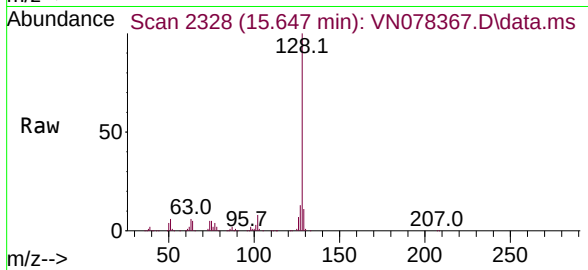
Tgt Ion:225 Resp: 74499
Ion Ratio Lower Upper
225 100
223 62.5 0.0 130.0
227 59.5 0.0 124.0





#91
Naphthalene
Concen: 51.210 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



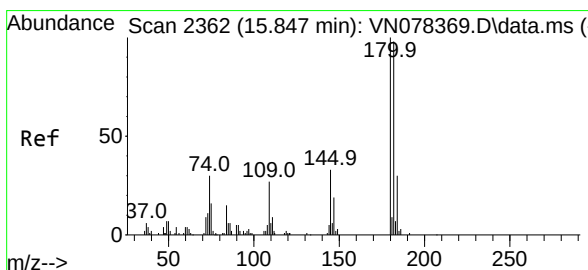
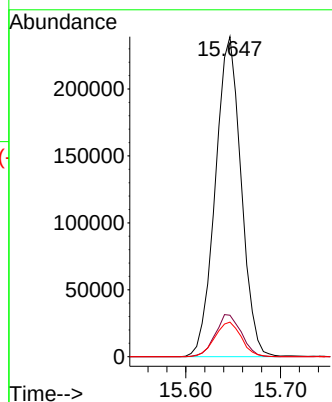
Tgt Ion:128 Resp: 452435
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.2
129 11.1 9.0 13.4

Manual Integrations
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Reviewed By :John
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Supervised By :Mahesh
Dadoda

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#92
1,2,3-Trichlorobenzene
Concen: 50.695 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN078367.D
Acq: 23 Jun 2023 10:22

Tgt Ion:180 Resp: 158128
Ion Ratio Lower Upper
180 100
182 92.7 0.0 196.4
145 32.7 0.0 71.0

