

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120423\
 Data File : VN080326.D
 Acq On : 04 Dec 2023 10:02
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 05 04:09:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

12/05/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	219328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	328152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	300243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	154576	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.576	65	171296	47.300	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.600%
35) Dibromofluoromethane	8.165	113	125397	51.789	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.580%
50) Toluene-d8	10.565	98	434368	49.765	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.520%
62) 4-Bromofluorobenzene	12.853	95	169384	51.377	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.760%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	164100	50.229	ug/l	99
3) Chloromethane	2.365	50	105891	43.110	ug/l	98
4) Vinyl Chloride	2.512	62	123245	47.413	ug/l	99
5) Bromomethane	2.947	94	79749	45.193	ug/l	97
6) Chloroethane	3.118	64	76320	47.363	ug/l	99
7) Trichlorofluoromethane	3.494	101	277069	51.097	ug/l	96
8) Diethyl Ether	3.959	74	72278	45.833	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	122226	49.316	ug/l	92
10) Methyl Iodide	4.588	142	138935	51.871	ug/l #	87
11) Tert butyl alcohol	5.512	59	86360	216.850	ug/l	98
12) 1,1-Dichloroethene	4.341	96	117254	50.581	ug/l	85
13) Acrolein	4.171	56	99444	282.156	ug/l	96
14) Allyl chloride	5.018	41	128156	43.941	ug/l	89
15) Acrylonitrile	5.718	53	230882	215.958	ug/l	98
16) Acetone	4.418	43	278576	229.024	ug/l	93
17) Carbon Disulfide	4.712	76	311652	45.025	ug/l	98
18) Methyl Acetate	5.018	43	156068	39.934	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	401739	49.073	ug/l	98
20) Methylene Chloride	5.277	84	127378	50.006	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	128671	50.525	ug/l	86
22) Diisopropyl ether	6.671	45	302578	46.891	ug/l	97
23) Vinyl Acetate	6.600	43	862824	222.417	ug/l	96
24) 1,1-Dichloroethane	6.571	63	220694	46.958	ug/l	100
25) 2-Butanone	7.482	43	295286	204.325	ug/l	95
26) 2,2-Dichloropropane	7.488	77	238407	51.130	ug/l	95
27) cis-1,2-Dichloroethene	7.488	96	141121	48.876	ug/l	87
28) Bromochloromethane	7.812	49	85346	46.192	ug/l	98
29) Tetrahydrofuran	7.835	42	166471	214.558	ug/l	96
30) Chloroform	7.965	83	265606	50.563	ug/l	94
31) Cyclohexane	8.259	56	163214	41.442	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	265610	51.849	ug/l	96
36) 1,1-Dichloropropene	8.371	75	187118	53.377	ug/l	96
37) Ethyl Acetate	7.559	43	111041	45.666	ug/l	97
38) Carbon Tetrachloride	8.365	117	251023	56.427	ug/l	96
39) Methylcyclohexane	9.600	83	170603	50.472	ug/l	93
40) Benzene	8.606	78	506495	50.836	ug/l	98

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VSTDCCC050

Manual Integrations

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Quant Time: Dec 05 04:09:21 2023
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 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	66122	49.516	ug/l	93
42) 1,2-Dichloroethane	8.671	62	223722	54.884	ug/l	94
43) Isopropyl Acetate	8.688	43	194666	41.139	ug/l	97
44) Trichloroethene	9.353	130	144395	55.250	ug/l	96
45) 1,2-Dichloropropane	9.623	63	115786	50.007	ug/l	99
46) Dibromomethane	9.712	93	95891	54.711	ug/l	91
47) Bromodichloromethane	9.888	83	213325	55.331	ug/l	95
48) Methyl methacrylate	9.682	41	118804	48.720	ug/l	93
49) 1,4-Dioxane	9.694	88	35432	873.408	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	568894	232.221	ug/l	100
52) Toluene	10.629	92	333800	53.534	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	212826	53.728	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	221102	54.635	ug/l	93
55) 1,1,2-Trichloroethane	11.017	97	124509	52.319	ug/l	98
56) Ethyl methacrylate	10.876	69	130506	53.680	ug/l	96
57) 1,3-Dichloropropane	11.165	76	217052	52.238	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	323698	236.334	ug/l	100
59) 2-Hexanone	11.194	43	451958	229.589	ug/l	96
60) Dibromochloromethane	11.359	129	160302	56.263	ug/l	99
61) 1,2-Dibromoethane	11.470	107	125788	51.811	ug/l	99
64) Tetrachloroethene	11.106	164	147745	64.479	ug/l	98
65) Chlorobenzene	11.894	112	356006	52.328	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.964	131	146874	55.632	ug/l	93
67) Ethyl Benzene	11.964	91	660709	54.577	ug/l	96
68) m/p-Xylenes	12.070	106	494161	111.954	ug/l	88
69) o-Xylene	12.400	106	231238	55.589	ug/l	85
70) Styrene	12.412	104	351518	56.775	ug/l	92
71) Bromoform	12.582	173	109717	56.039	ug/l #	100
73) Isopropylbenzene	12.700	105	609207	50.718	ug/l	99
74) N-amyl acetate	12.494	43	156563	41.797	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	150433	41.844	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	154586m	40.816	ug/l	
77) Bromobenzene	12.982	156	152027	50.200	ug/l	94
78) n-propylbenzene	13.035	91	688322	51.245	ug/l	99
79) 2-Chlorotoluene	13.123	91	440855	50.534	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	539890	51.634	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	51856	46.259	ug/l #	86
82) 4-Chlorotoluene	13.223	91	452692	50.653	ug/l	97
83) tert-Butylbenzene	13.441	119	419336	50.010	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	541330	52.577	ug/l	96
85) sec-Butylbenzene	13.617	105	534116	50.353	ug/l	100
86) p-Isopropyltoluene	13.729	119	492470	51.973	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	268746	49.255	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	270556	49.343	ug/l	97
89) n-Butylbenzene	14.058	91	395741	49.898	ug/l	99
90) Hexachloroethane	14.335	117	88174	47.732	ug/l	71
91) 1,2-Dichlorobenzene	14.106	146	257955	49.405	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	36387	43.575	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	132361	43.587	ug/l	98
94) Hexachlorobutadiene	15.505	225	77755	44.494	ug/l	99
95) Naphthalene	15.647	128	351025	39.862	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	122079	42.890	ug/l	96

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Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

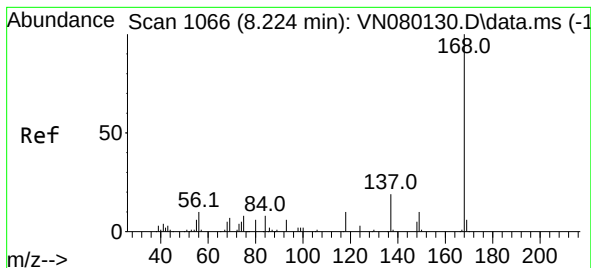
Reviewed By :John
Carlone

12/05/2023
Supervised By :Mahesh
Dadoda

12/05/2023

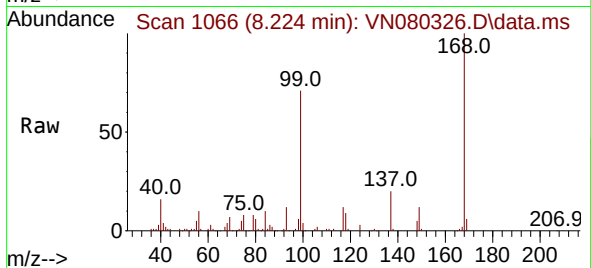
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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VSTDCCC050



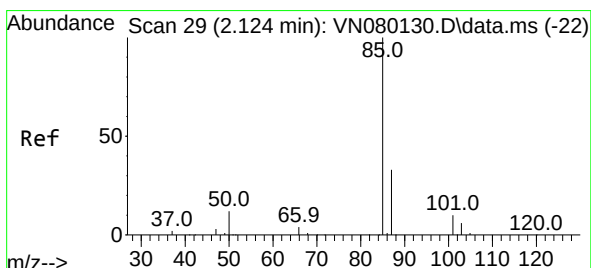
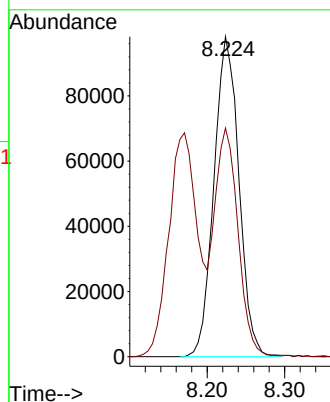
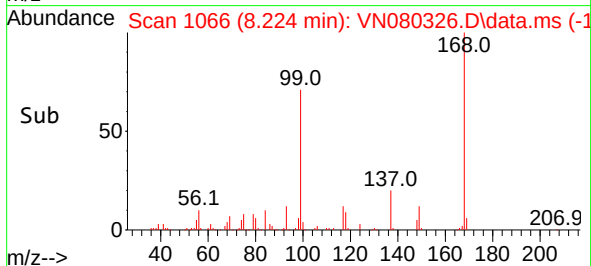
Tgt Ion:168 Resp: 219328
Ion Ratio Lower Upper
168 100
99 71.0 53.0 79.6

Manual Integrations
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Reviewed By :John
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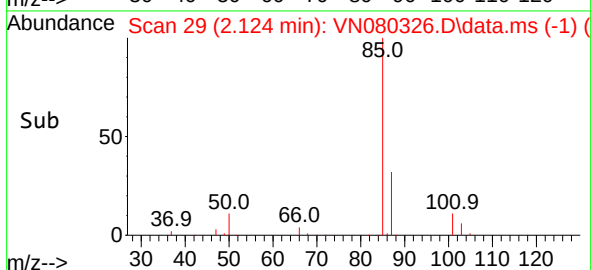
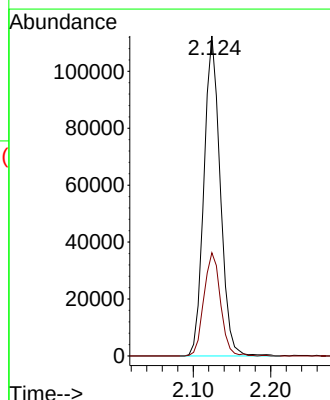
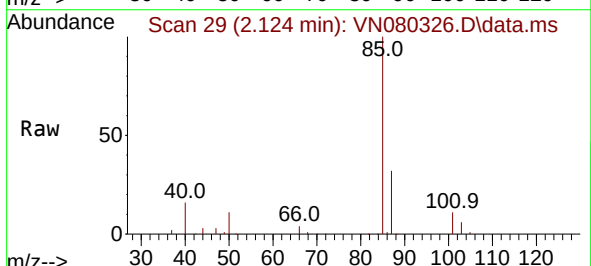
12/05/2023
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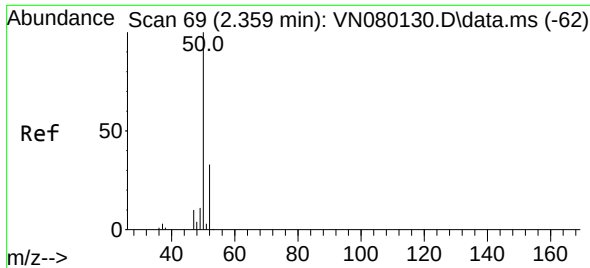
12/05/2023



#2
Dichlorodifluoromethane
Concen: 50.229 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

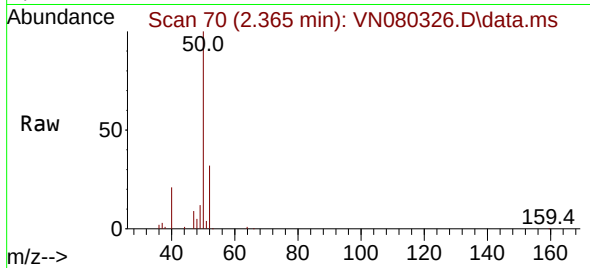
Tgt Ion: 85 Resp: 164100
Ion Ratio Lower Upper
85 100
87 32.3 15.8 47.4





#3
Chloromethane
Concen: 43.110 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



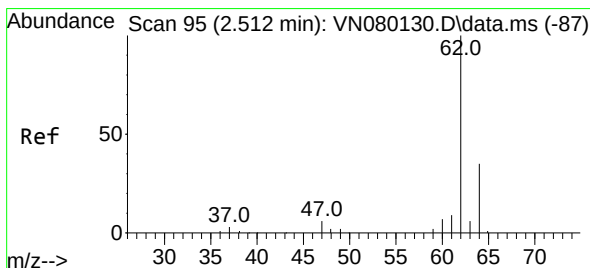
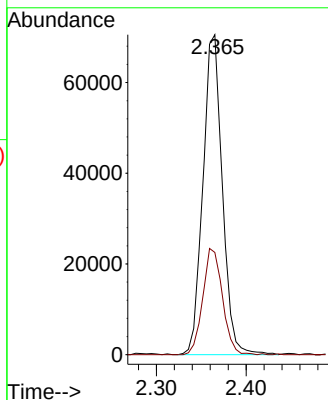
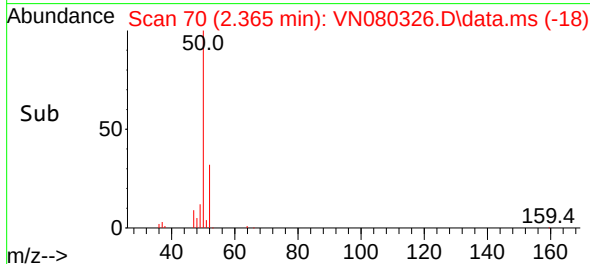
Tgt Ion: 50 Resp: 10589
Ion Ratio Lower Upper
50 100
52 31.9 26.5 39.7

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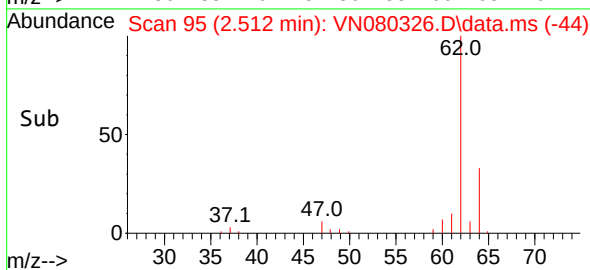
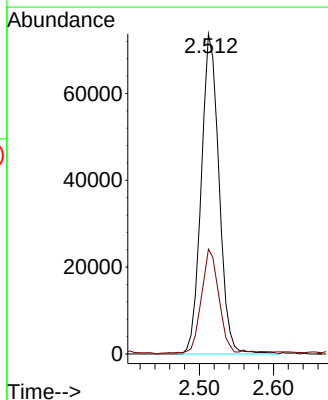
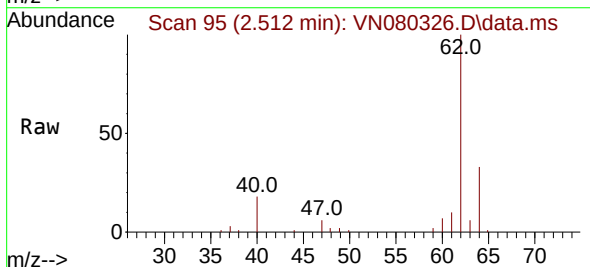
12/05/2023
Supervised By :Mahesh
Dadoda

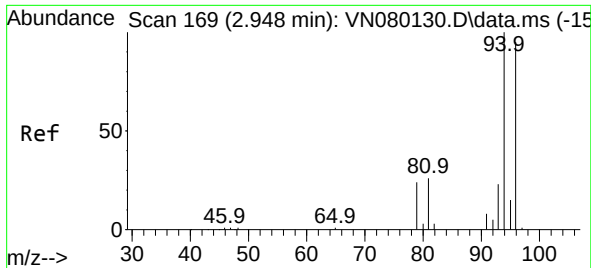
12/05/2023



#4
Vinyl Chloride
Concen: 47.413 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

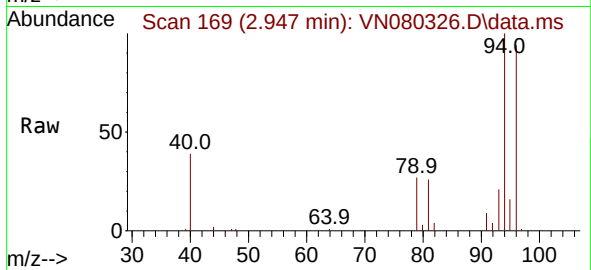
Tgt Ion: 62 Resp: 123245
Ion Ratio Lower Upper
62 100
64 32.2 26.2 39.2





#5
Bromomethane
Concen: 45.193 ug/l
RT: 2.947 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Instrument :
MSVOA_N
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VSTDCCC050



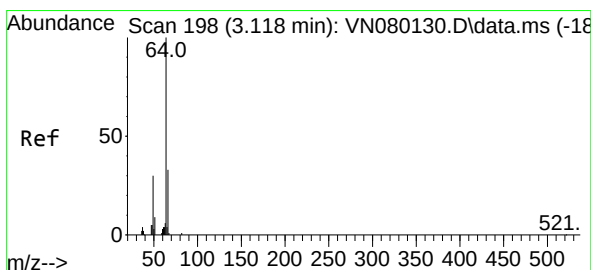
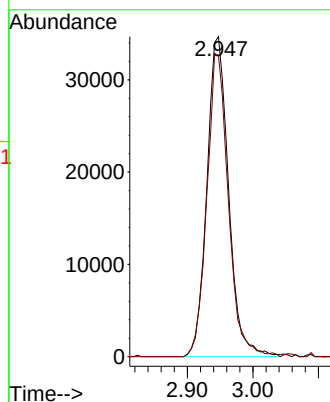
Tgt Ion: 94 Resp: 79749
Ion Ratio Lower Upper
94 100
96 94.3 73.1 109.7

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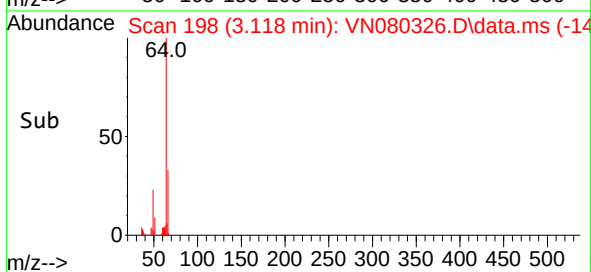
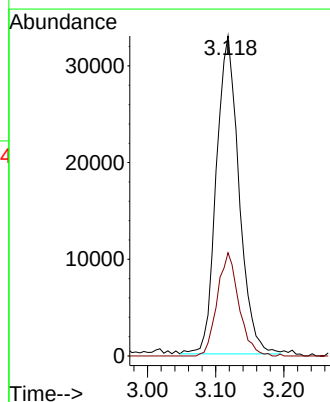
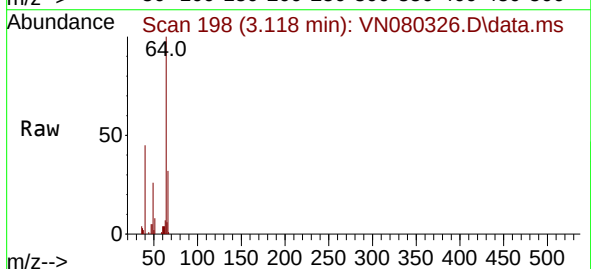
12/05/2023
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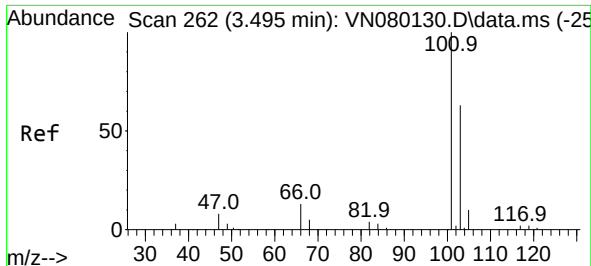
12/05/2023



#6
Chloroethane
Concen: 47.363 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

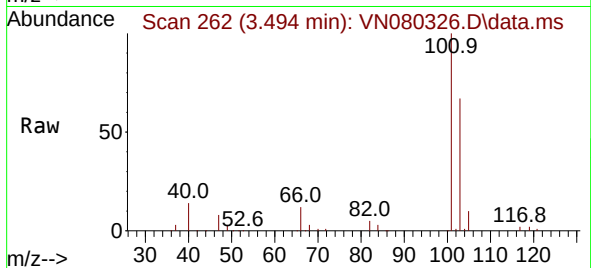
Tgt Ion: 64 Resp: 76320
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.2





#7
Trichlorofluoromethane
Concen: 51.097 ug/l
RT: 3.494 min Scan# 262
Delta R.T. -0.000 min
Lab File: VN080326.D
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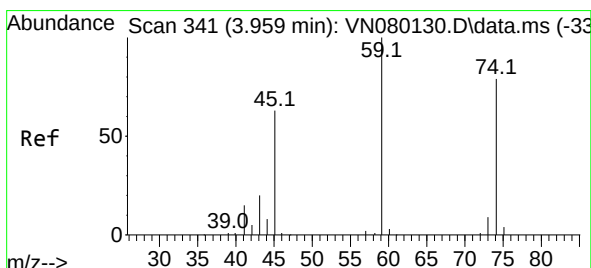
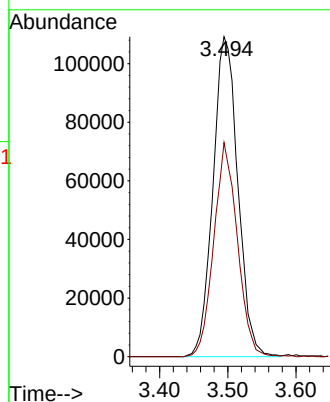
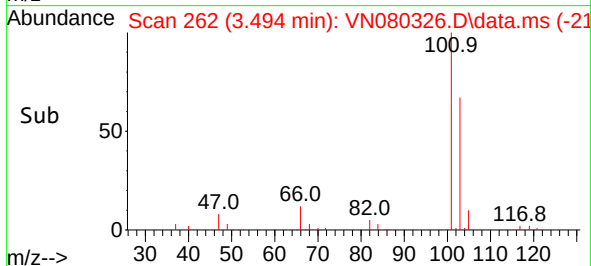
Tgt Ion:101 Resp: 277069
Ion Ratio Lower Upper
101 100
103 66.9 50.7 76.1

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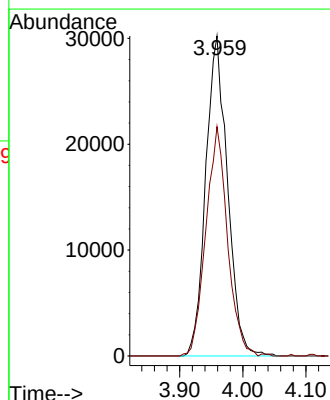
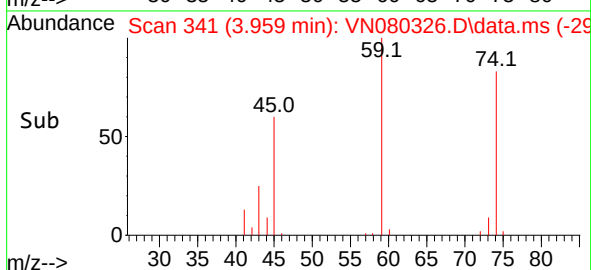
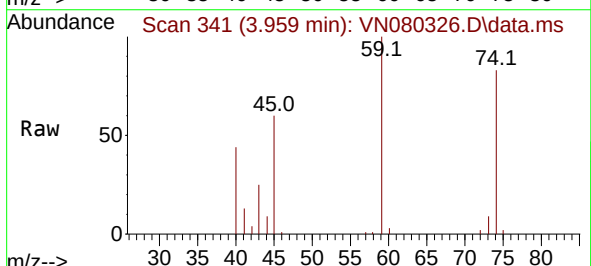
12/05/2023
Supervised By :Mahesh
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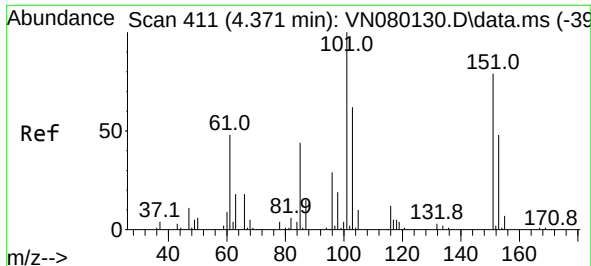
12/05/2023



#8
Diethyl Ether
Concen: 45.833 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Tgt Ion: 74 Resp: 72278
Ion Ratio Lower Upper
74 100
45 71.2 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.316 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN080326.D
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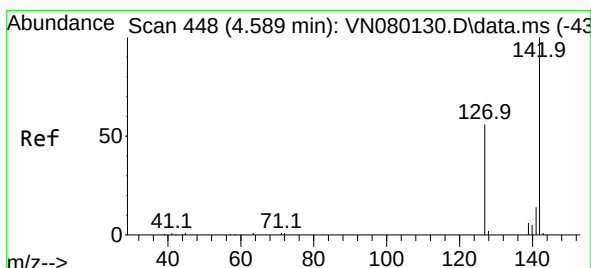
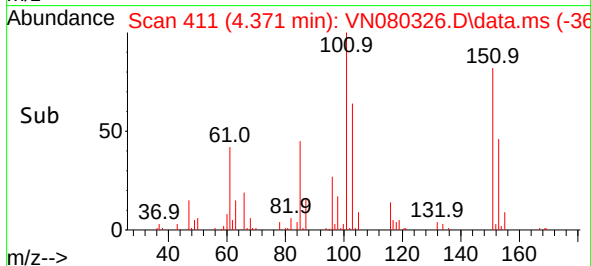
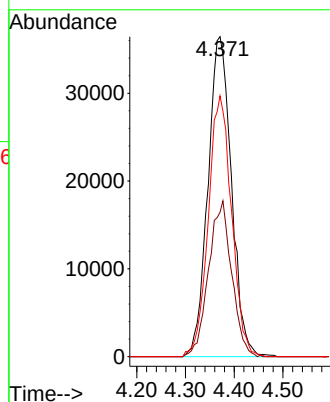
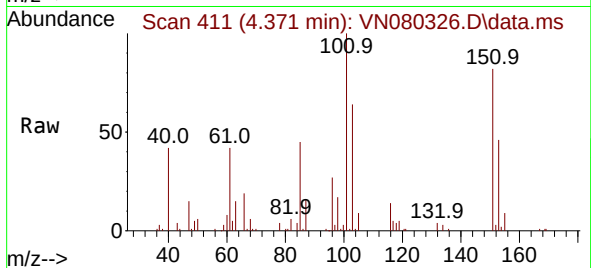
Tgt Ion:101 Resp: 122220
Ion Ratio Lower Upper
101 100
85 47.7 36.6 55.0
151 80.7 57.6 86.4

Manual Integrations
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Reviewed By :John
Carlone

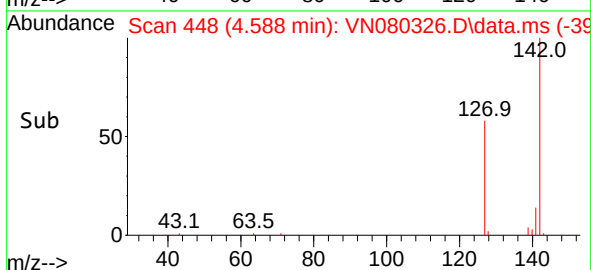
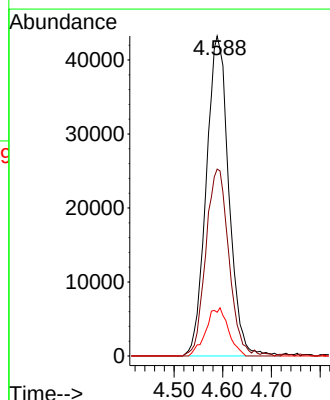
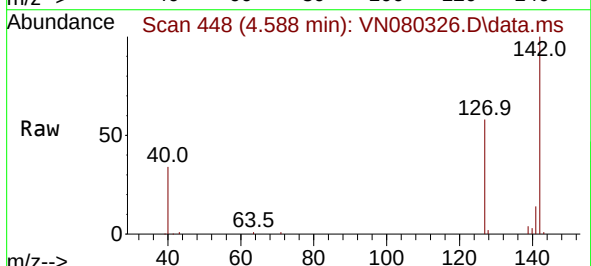
12/05/2023
Supervised By :Mahesh
Dadoda

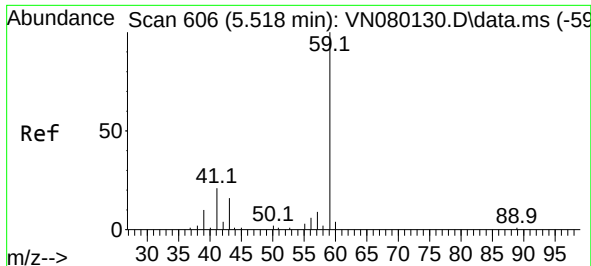
12/05/2023



#10
Methyl Iodide
Concen: 51.871 ug/l
RT: 4.588 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

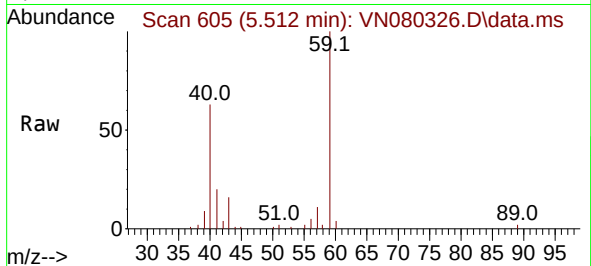
Tgt Ion:142 Resp: 138935
Ion Ratio Lower Upper
142 100
127 58.4 37.6 56.4#
141 13.6 11.4 17.0





#11
Tert butyl alcohol
Concen: 216.850 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



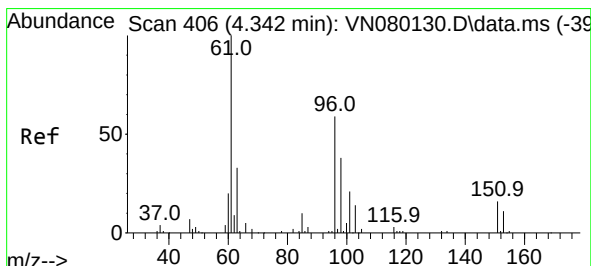
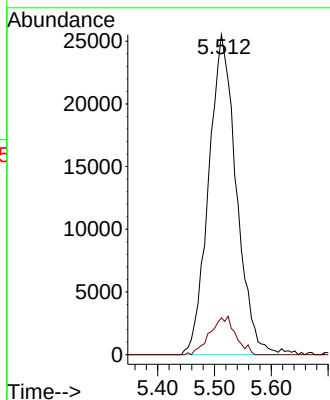
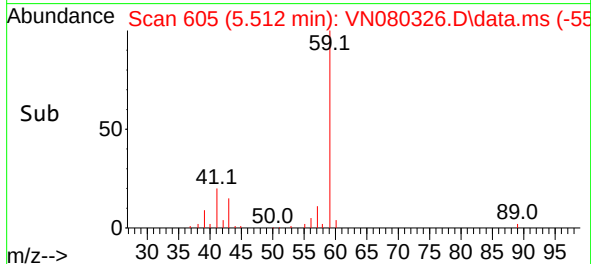
Tgt Ion: 59 Resp: 86360
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.4

Manual Integrations
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Reviewed By :John
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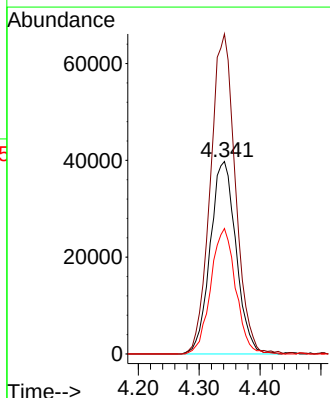
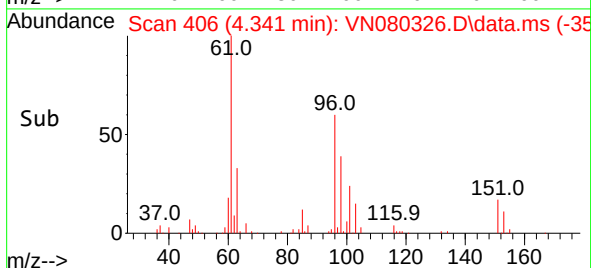
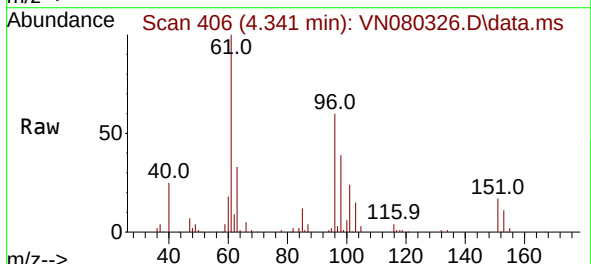
12/05/2023
Supervised By :Mahesh
Dadoda

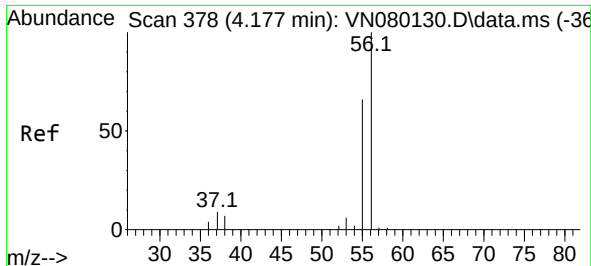
12/05/2023



#12
1,1-Dichloroethene
Concen: 50.581 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

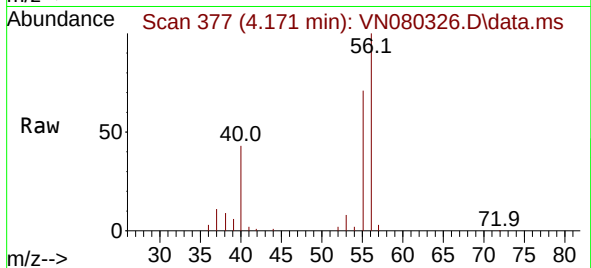
Tgt Ion: 96 Resp: 117254
Ion Ratio Lower Upper
96 100
61 166.3 112.7 169.1
98 65.2 51.2 76.8





#13
Acrolein
Concen: 282.156 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



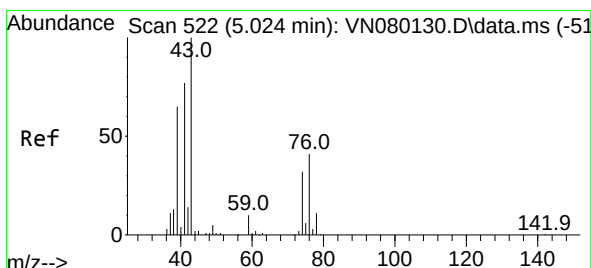
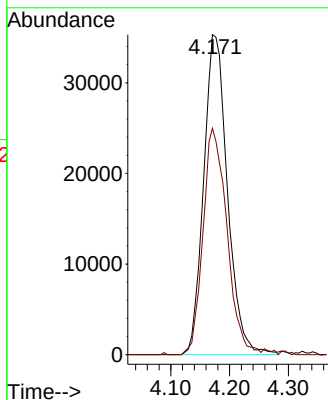
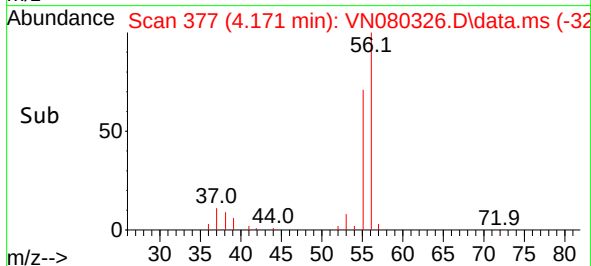
Tgt Ion: 56 Resp: 9944
Ion Ratio Lower Upper
56 100
55 71.0 54.5 81.7

Manual Integrations
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Reviewed By :John
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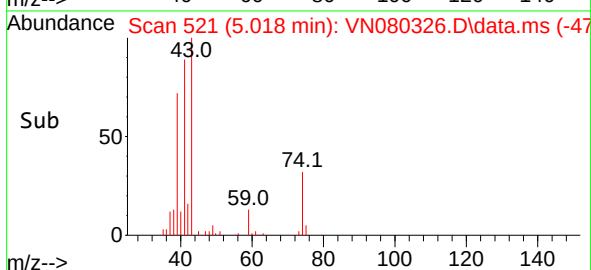
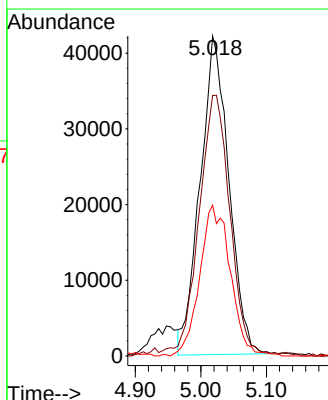
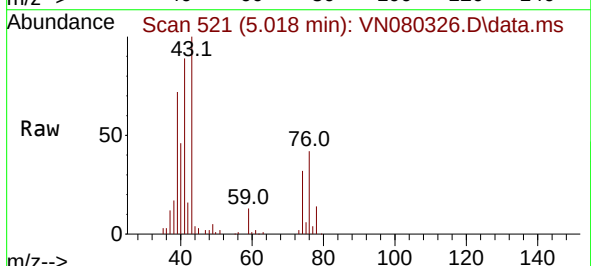
12/05/2023
Supervised By :Mahesh
Dadoda

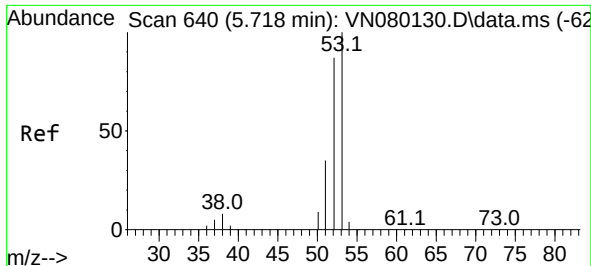
12/05/2023



#14
Allyl chloride
Concen: 43.941 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

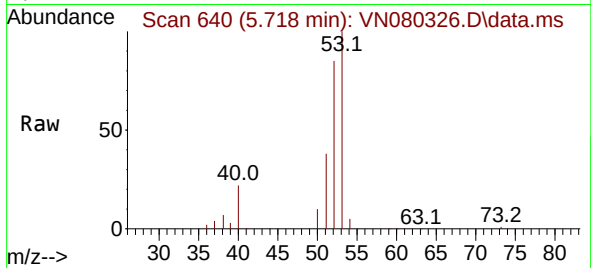
Tgt Ion: 41 Resp: 128156
Ion Ratio Lower Upper
41 100
39 87.4 58.8 88.2
76 50.4 39.1 58.7





#15
Acrylonitrile
Concen: 215.958 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



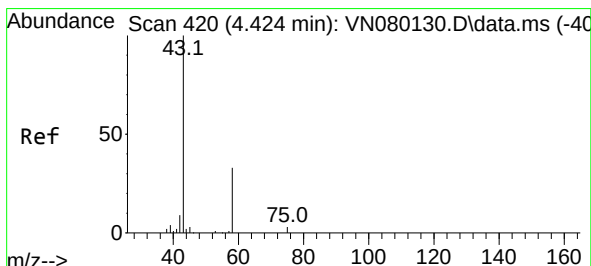
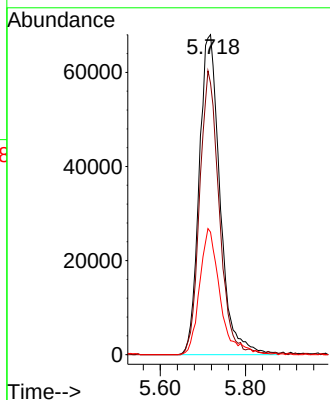
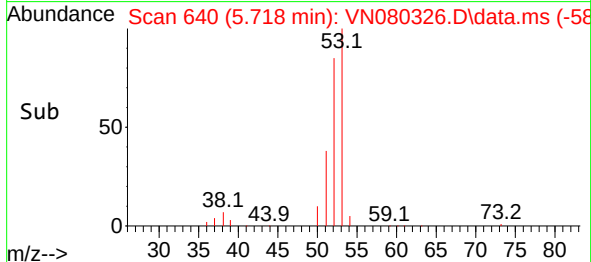
Tgt Ion: 53 Resp: 23088
Ion Ratio Lower Upper
53 100
52 82.3 65.3 97.9
51 38.9 28.9 43.3

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Reviewed By :John
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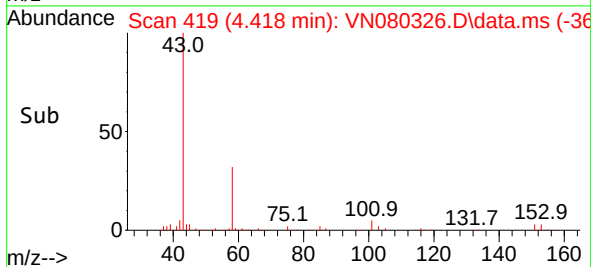
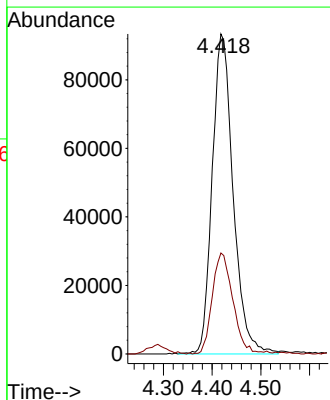
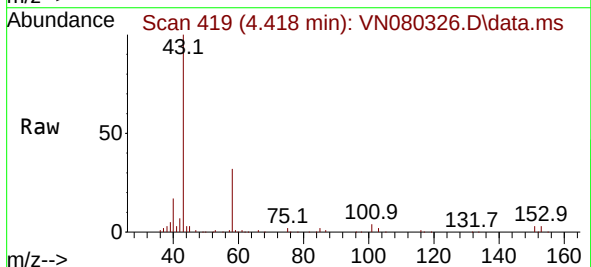
12/05/2023
Supervised By :Mahesh
Dadoda

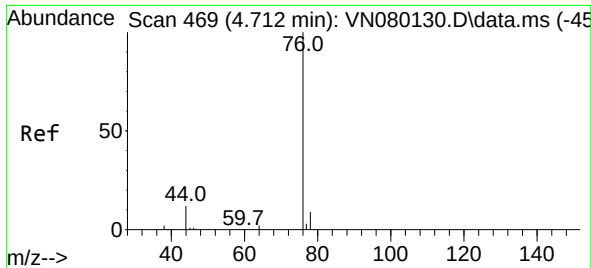
12/05/2023



#16
Acetone
Concen: 229.024 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

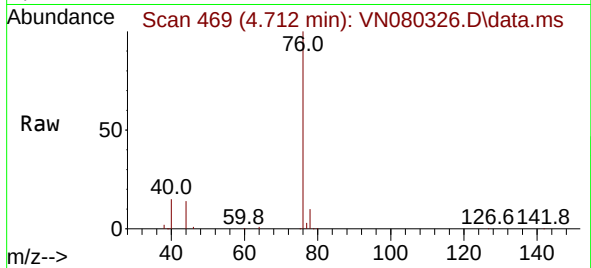
Tgt Ion: 43 Resp: 278576
Ion Ratio Lower Upper
43 100
58 31.1 28.0 42.0





#17
Carbon Disulfide
Concen: 45.025 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



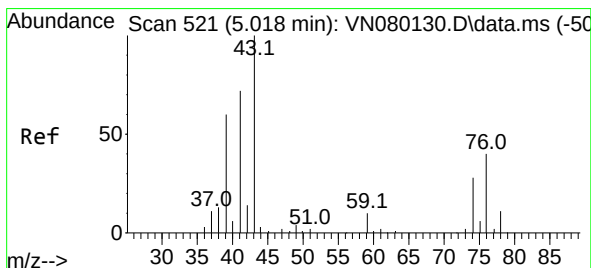
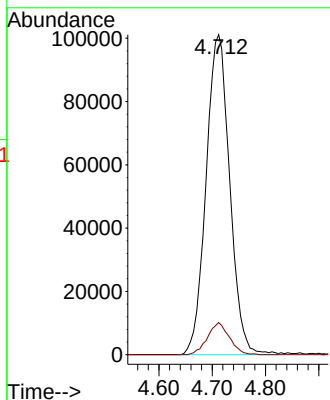
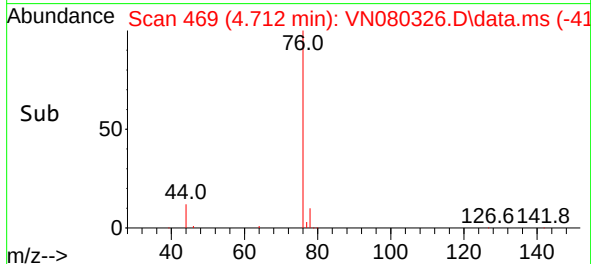
Tgt Ion: 76 Resp: 311652
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.0

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Reviewed By :John
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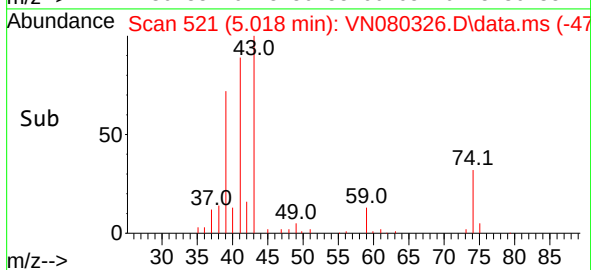
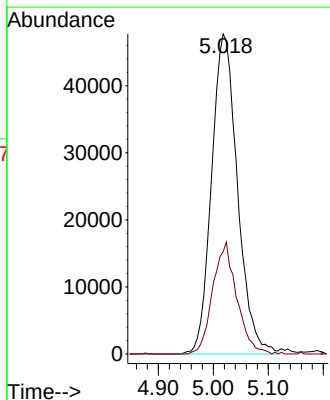
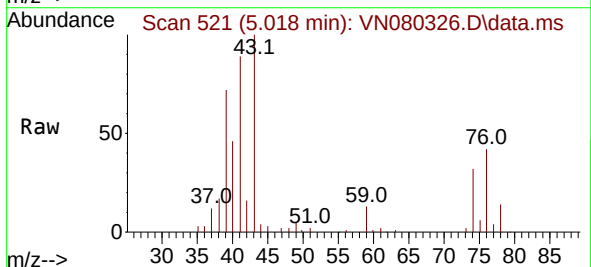
12/05/2023
Supervised By :Mahesh
Dadoda

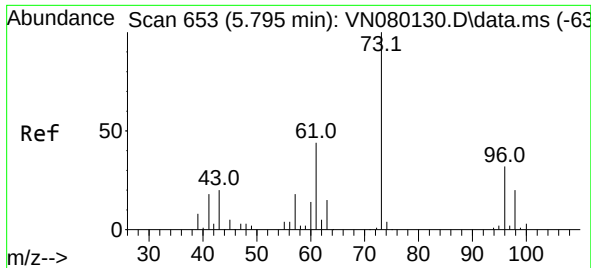
12/05/2023



#18
Methyl Acetate
Concen: 39.934 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Tgt Ion: 43 Resp: 156068
Ion Ratio Lower Upper
43 100
74 32.3 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 49.073 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

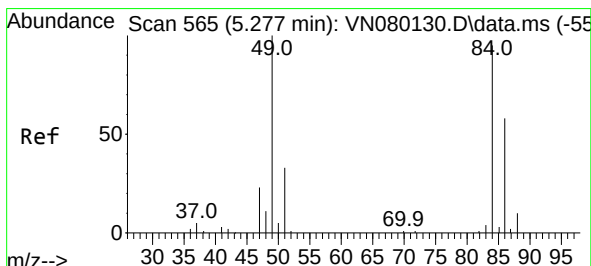
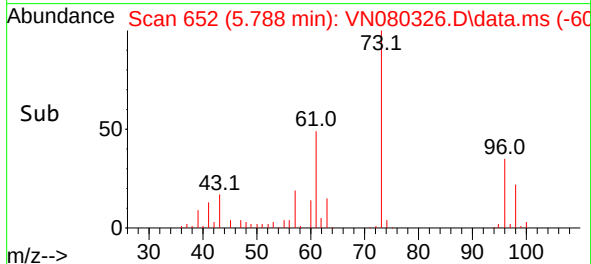
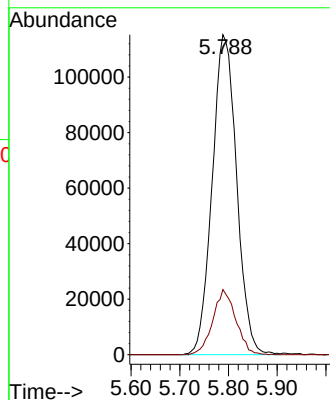
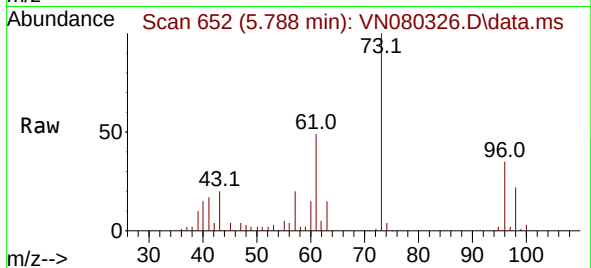
Tgt Ion: 73 Resp: 401739
Ion Ratio Lower Upper
73 100
57 20.4 15.6 23.4

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Reviewed By :John
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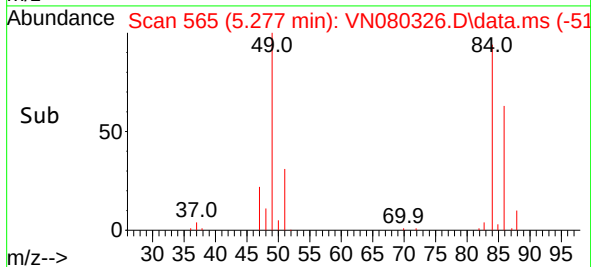
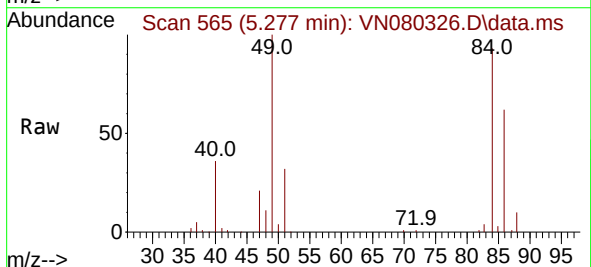
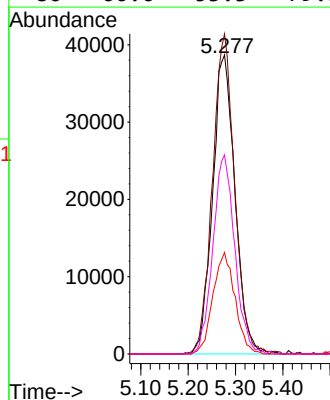
12/05/2023
Supervised By :Mahesh
Dadoda

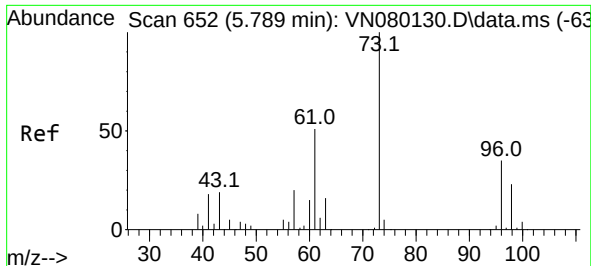
12/05/2023



#20
Methylene Chloride
Concen: 50.006 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

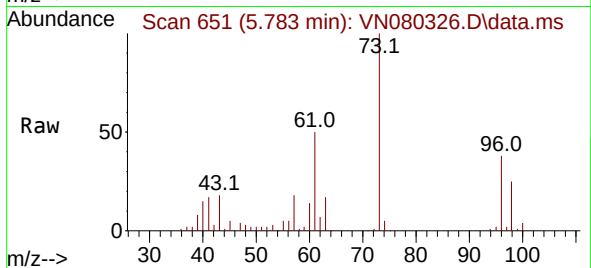
Tgt Ion: 84 Resp: 127378
Ion Ratio Lower Upper
84 100
49 107.0 79.7 119.5
51 33.9 25.2 37.8
86 66.6 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 50.525 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



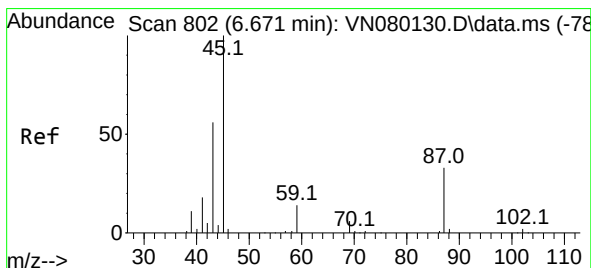
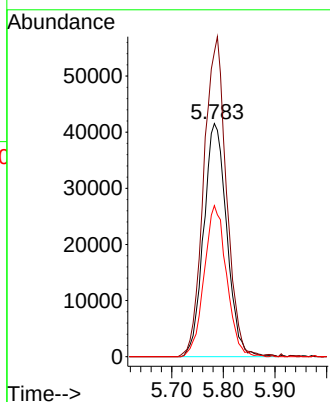
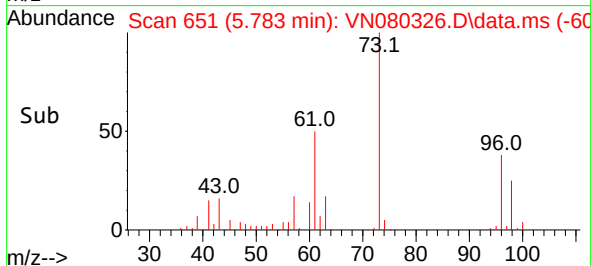
Tgt Ion: 96 Resp: 12867
Ion Ratio Lower Upper
96 100
61 130.6 90.1 135.1
98 64.8 46.4 69.6

Manual Integrations
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Reviewed By :John
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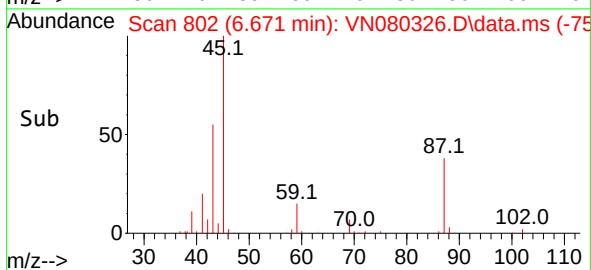
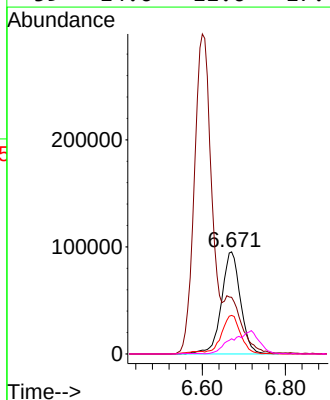
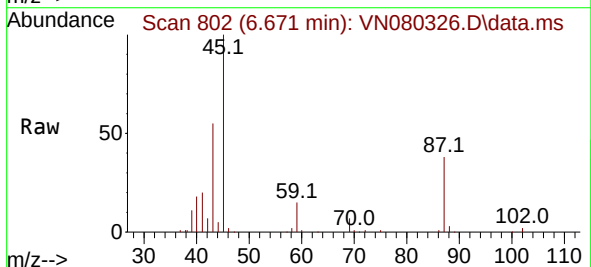
12/05/2023
Supervised By :Mahesh
Dadoda

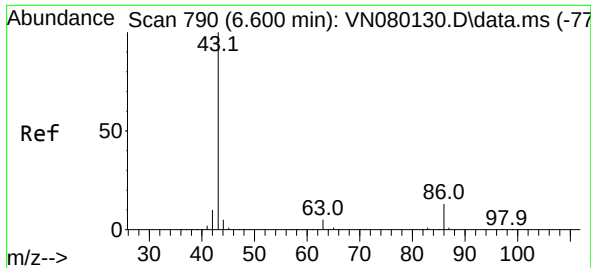
12/05/2023



#22
Diisopropyl ether
Concen: 46.891 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Tgt Ion: 45 Resp: 302578
Ion Ratio Lower Upper
45 100
43 54.4 45.5 68.3
87 37.6 31.8 47.8
59 14.6 11.6 17.4





#23
 Vinyl Acetate
 Concen: 222.417 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN080326.D
 Acq: 04 Dec 2023 10:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

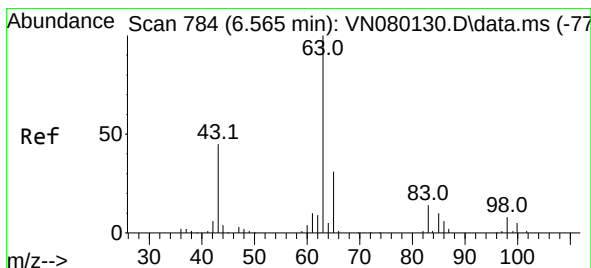
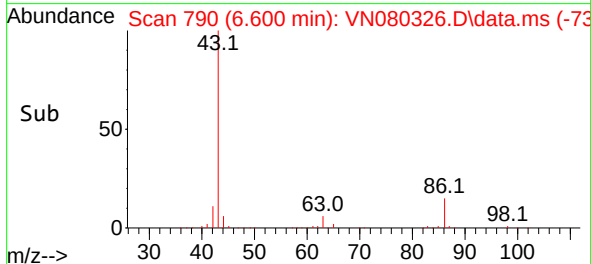
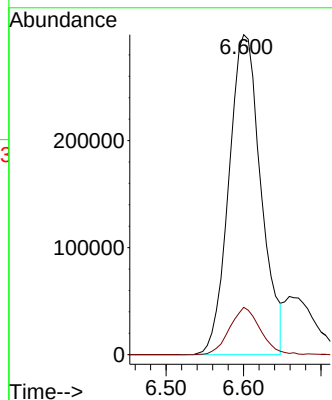
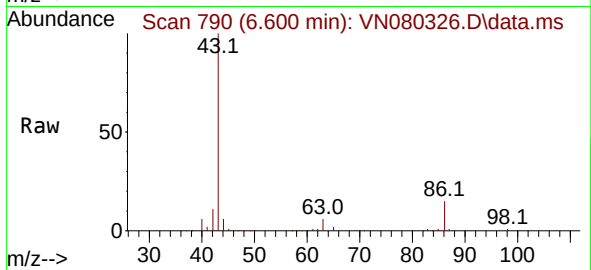
Tgt Ion: 43 Resp: 862824
 Ion Ratio Lower Upper
 43 100
 86 14.8 13.0 19.6

Manual Integrations
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Reviewed By :John
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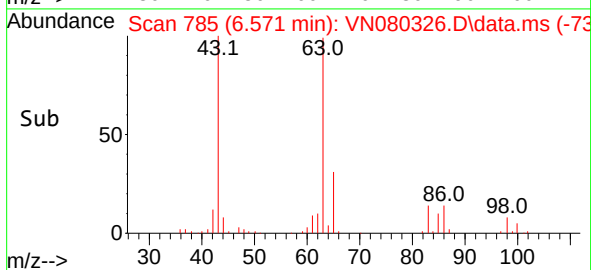
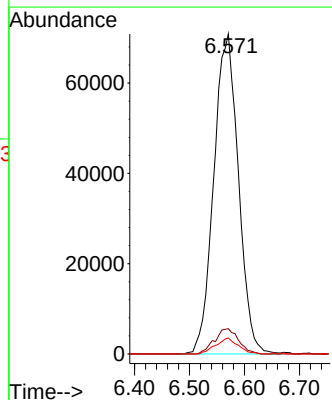
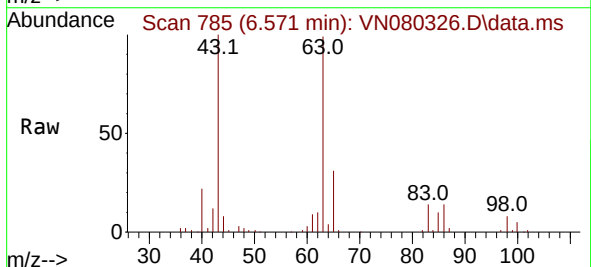
12/05/2023
 Supervised By :Mahesh
 Dadoda

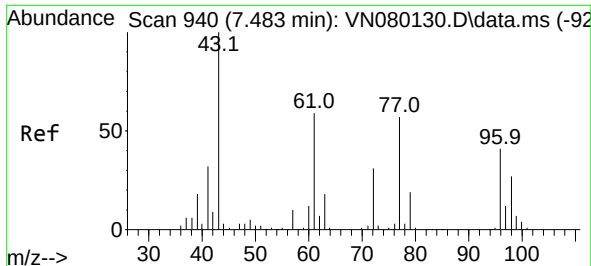
12/05/2023



#24
 1,1-Dichloroethane
 Concen: 46.958 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080326.D
 Acq: 04 Dec 2023 10:02

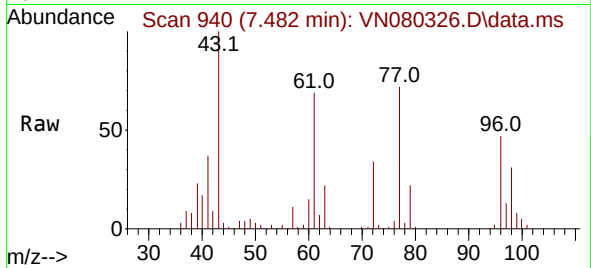
Tgt Ion: 63 Resp: 220694
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.9 11.7
 100 5.0 2.5 7.4





#25
2-Butanone
Concen: 204.325 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



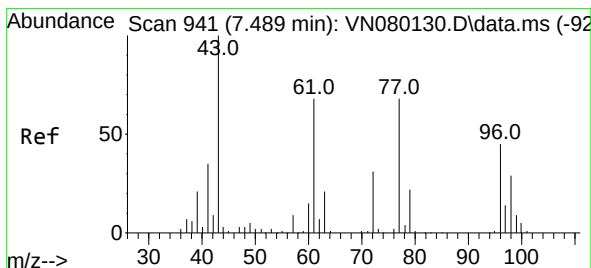
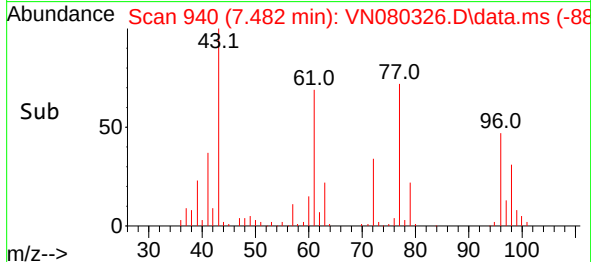
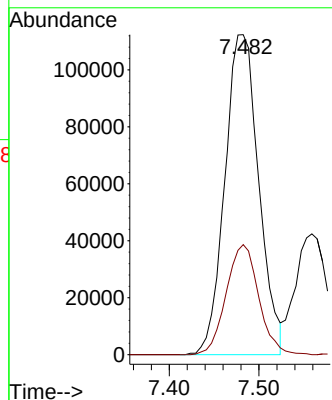
Tgt Ion: 43 Resp: 295280
Ion Ratio Lower Upper
43 100
72 34.4 30.2 45.2

Manual Integrations
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Reviewed By :John
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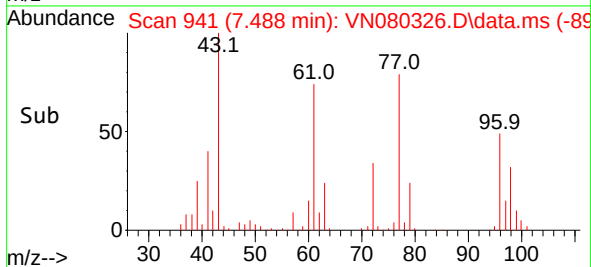
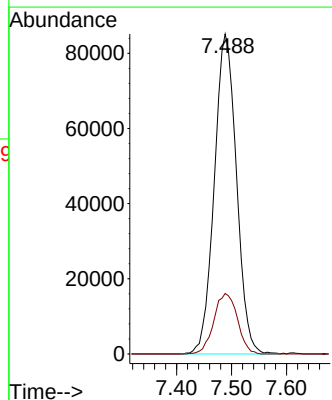
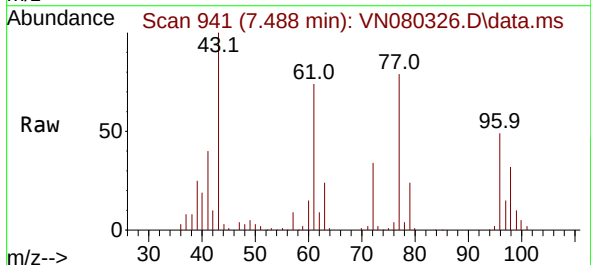
12/05/2023
Supervised By :Mahesh
Dadoda

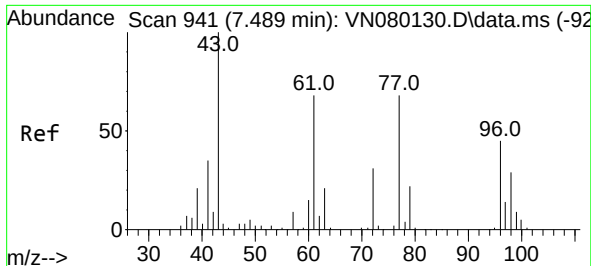
12/05/2023



#26
2,2-Dichloropropane
Concen: 51.130 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Tgt Ion: 77 Resp: 238407
Ion Ratio Lower Upper
77 100
97 20.1 11.2 33.6





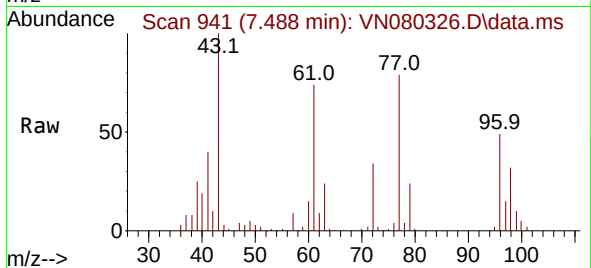
#27
 cis-1,2-Dichloroethene
 Concen: 48.876 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080326.D
 Acq: 04 Dec 2023 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 96 Resp: 14112
 Ion Ratio Lower Upper
 96 100
 61 148.9 0.0 255.2
 98 66.7 0.0 128.8

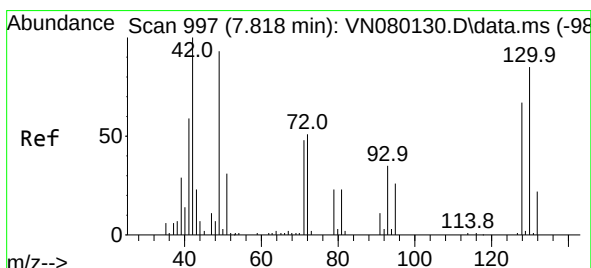
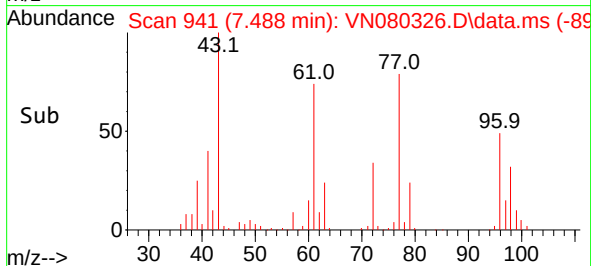
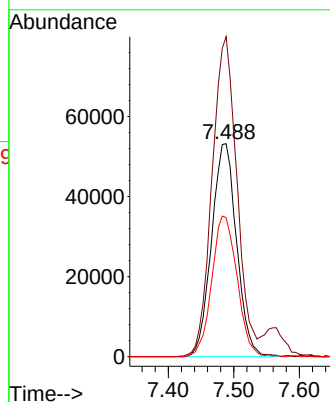
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

12/05/2023

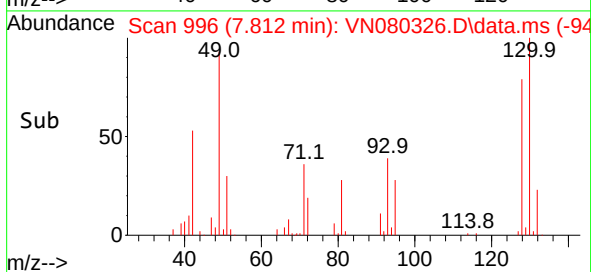
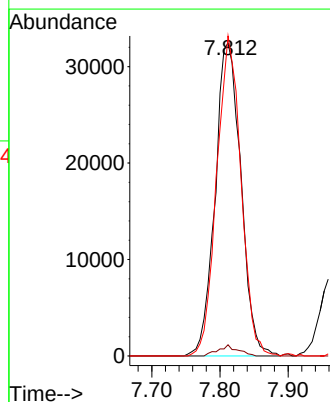
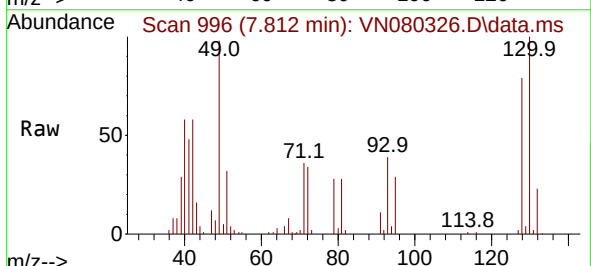
Supervised By :Mahesh
 Dadoda

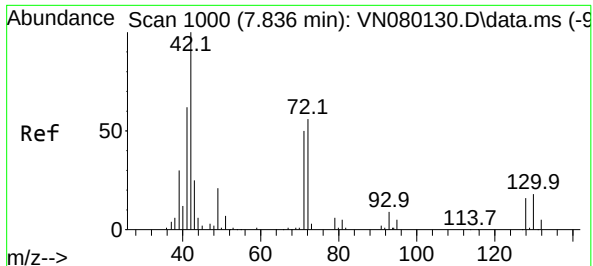
12/05/2023



#28
 Bromochloromethane
 Concen: 46.192 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080326.D
 Acq: 04 Dec 2023 10:02

Tgt Ion: 49 Resp: 85346
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 4.8
 130 96.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 214.558 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN080326.D

Acq: 04 Dec 2023 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 16647

Ion	Ratio	Lower	Upper
42	100		
72	59.5	49.8	74.6
71	56.4	47.4	71.2

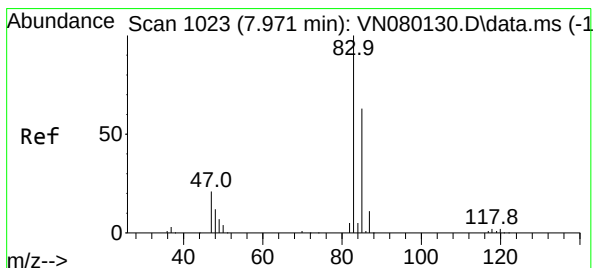
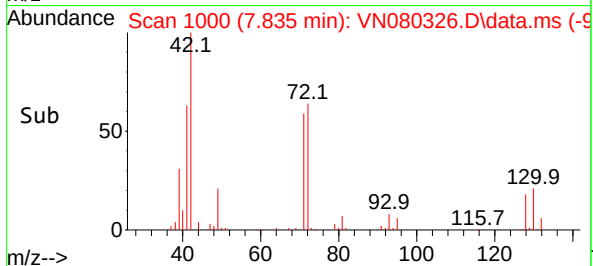
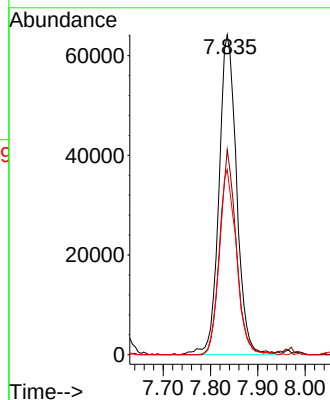
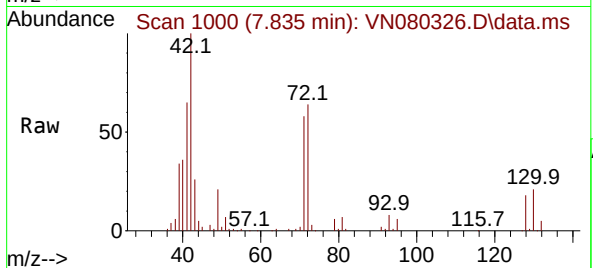
Manual Integrations
APPROVED

Reviewed By :John
Carlone

12/05/2023

Supervised By :Mahesh
Dadoda

12/05/2023



#30

Chloroform

Concen: 50.563 ug/l

RT: 7.965 min Scan# 1022

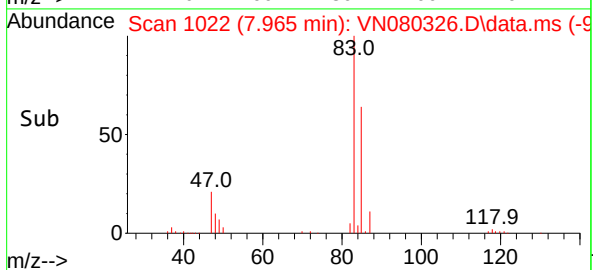
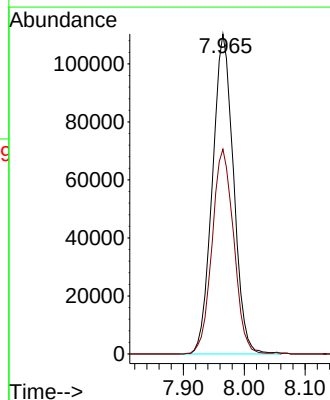
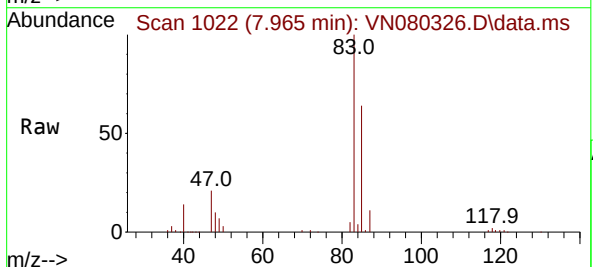
Delta R.T. -0.006 min

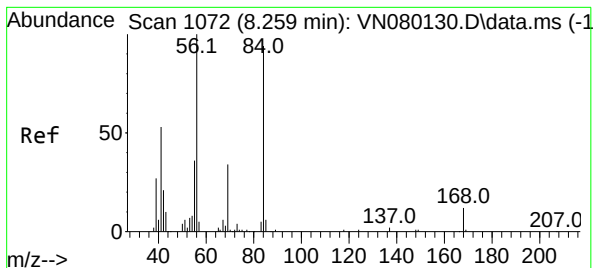
Lab File: VN080326.D

Acq: 04 Dec 2023 10:02

Tgt Ion: 83 Resp: 265606

Ion	Ratio	Lower	Upper
83	100		
85	64.0	55.4	83.0





#31

Cyclohexane

Concen: 41.442 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN080326.D

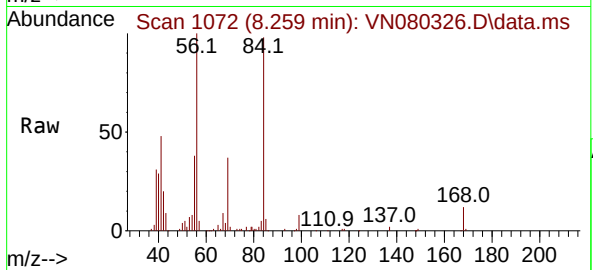
Acq: 04 Dec 2023 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 56 Resp: 163214

Ion Ratio Lower Upper

56 100

69 37.5 26.8 40.2

84 96.2 81.8 122.6

Manual Integrations

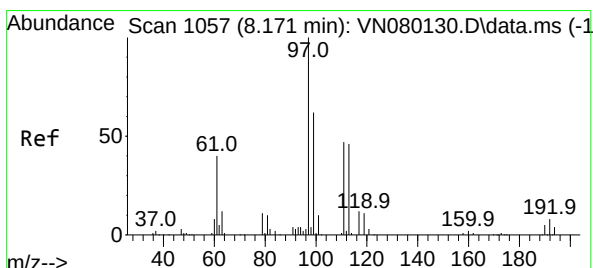
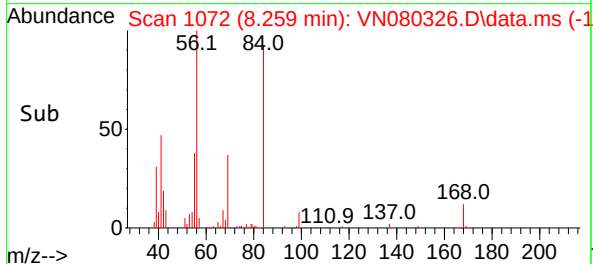
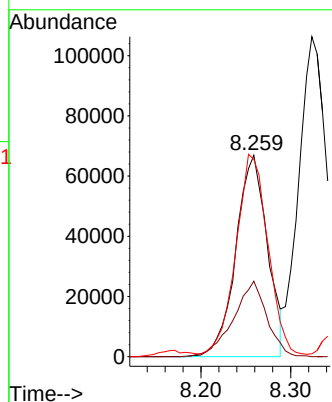
APPROVED

Reviewed By :John
Carlone

12/05/2023

Supervised By :Mahesh
Dadoda

12/05/2023



#32

1,1,1-Trichloroethane

Concen: 51.849 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080326.D

Acq: 04 Dec 2023 10:02

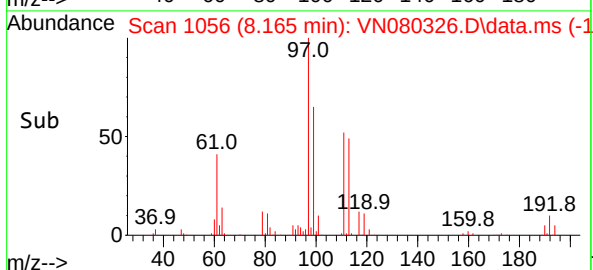
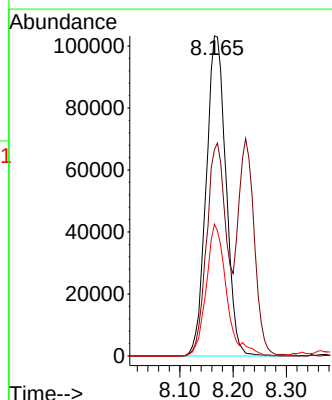
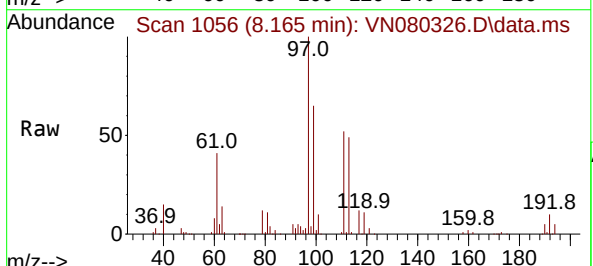
Tgt Ion: 97 Resp: 265610

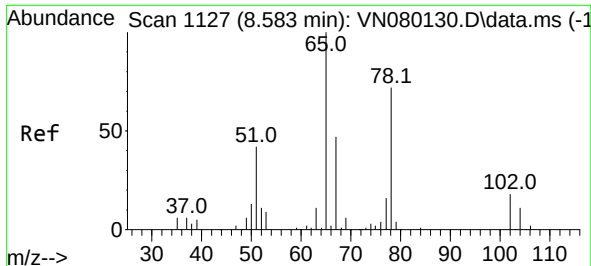
Ion Ratio Lower Upper

97 100

99 67.5 50.3 75.5

61 42.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 47.300 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080326.D

Acq: 04 Dec 2023 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 171290

Ion Ratio Lower Upper

65 100

67 47.2 0.0 106.6

Manual Integrations

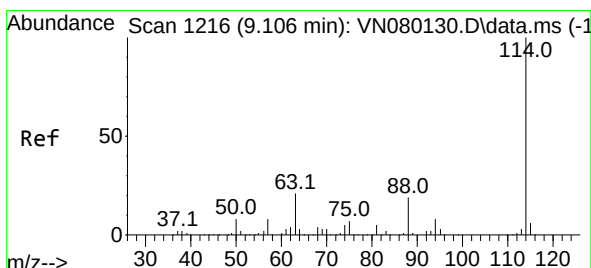
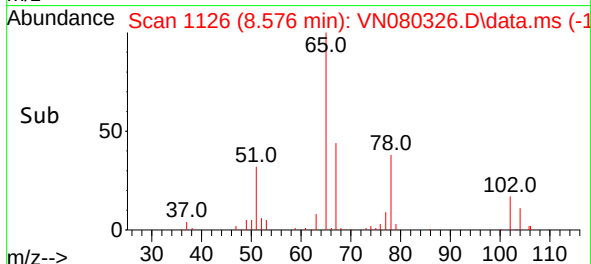
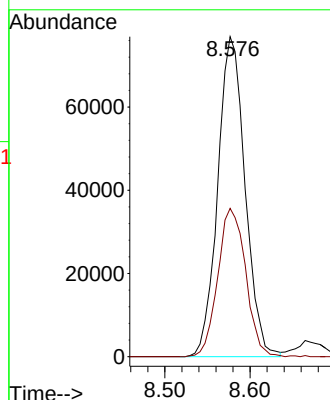
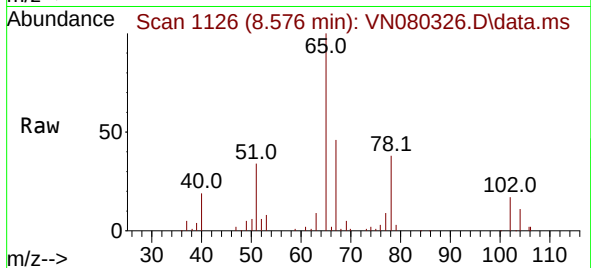
APPROVED

Reviewed By :John
Carlone

12/05/2023

Supervised By :Mahesh
Dadoda

12/05/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080326.D

Acq: 04 Dec 2023 10:02

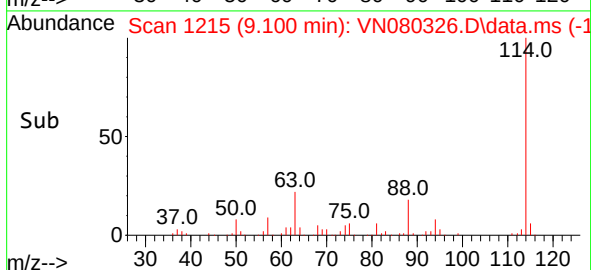
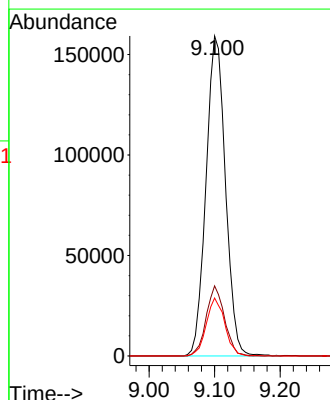
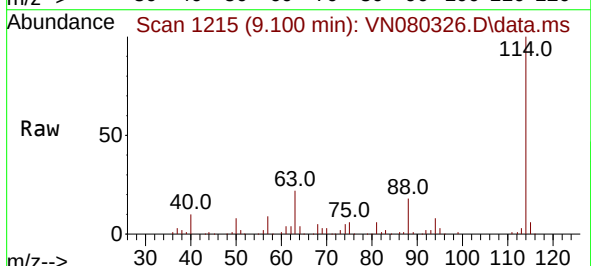
Tgt Ion:114 Resp: 328152

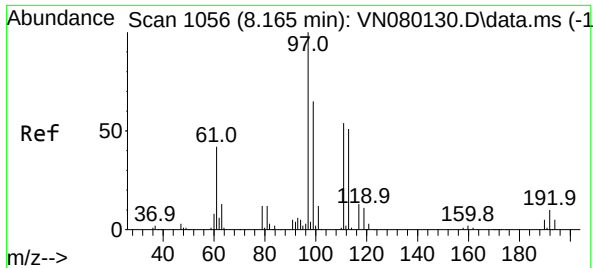
Ion Ratio Lower Upper

114 100

63 21.9 0.0 36.4

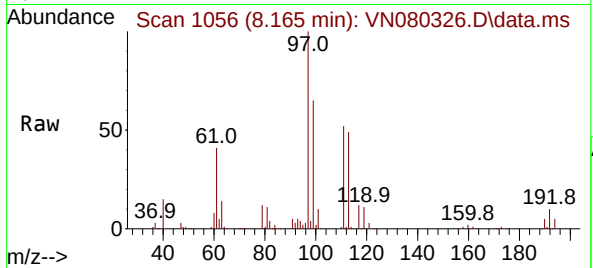
88 18.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.789 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



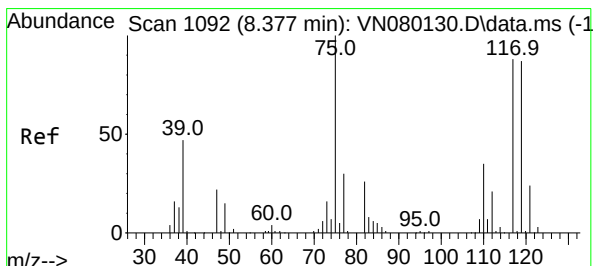
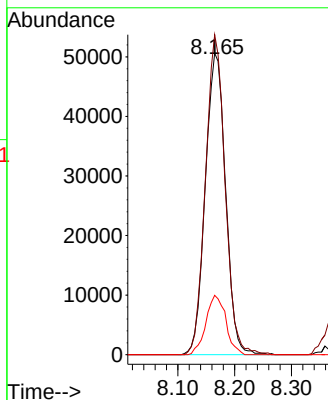
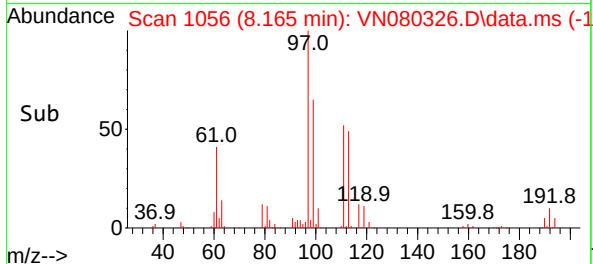
Tgt Ion:113 Resp: 125397
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 19.3 12.7 19.1

Manual Integrations
APPROVED

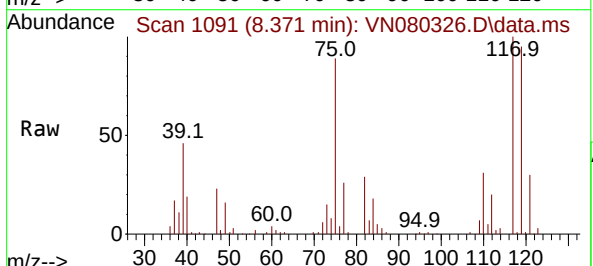
Reviewed By :John
Carlone

12/05/2023
Supervised By :Mahesh
Dadoda

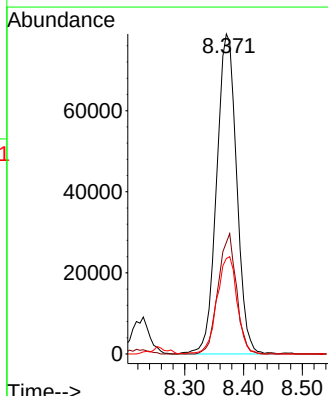
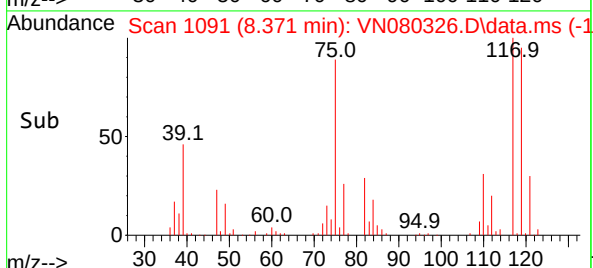
12/05/2023

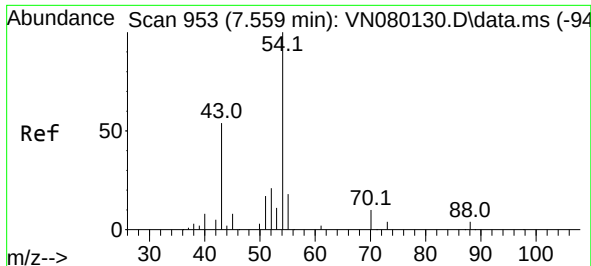


#36
1,1-Dichloropropene
Concen: 53.377 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02



Tgt Ion: 75 Resp: 187118
Ion Ratio Lower Upper
75 100
110 34.3 19.1 57.3
77 30.6 25.0 37.4





#37

Ethyl Acetate

Concen: 45.666 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN080326.D

Acq: 04 Dec 2023 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	11104
Ion Ratio	Lower	Upper	
43	100		
61	13.9	13.2	19.8
70	14.0	11.3	16.9

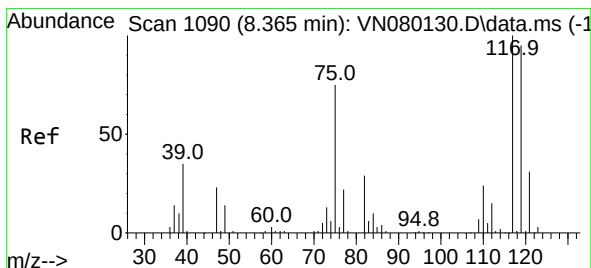
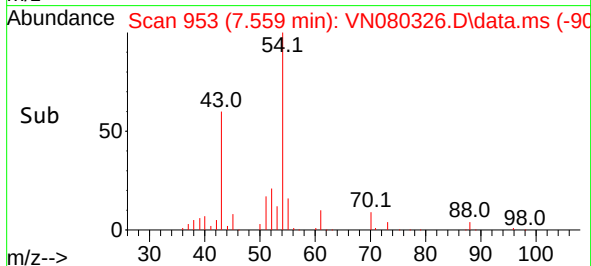
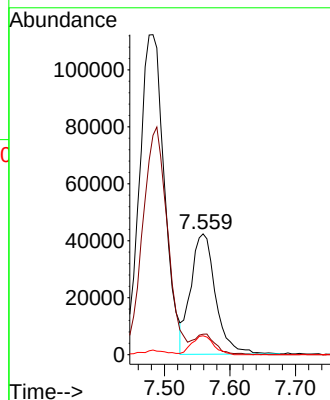
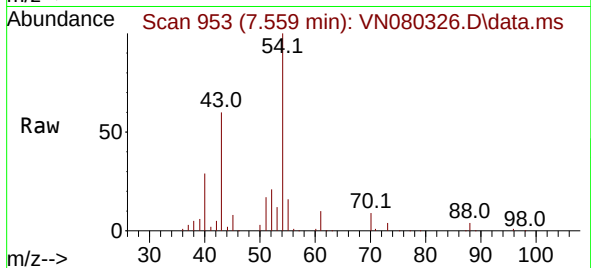
Manual Integrations
APPROVED

Reviewed By :John
Carlone

12/05/2023

Supervised By :Mahesh
Dadoda

12/05/2023



#38

Carbon Tetrachloride

Concen: 56.427 ug/l

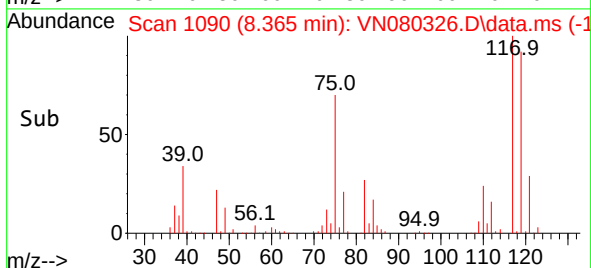
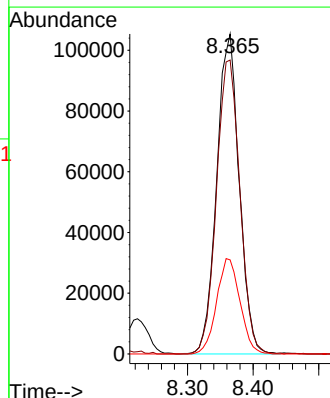
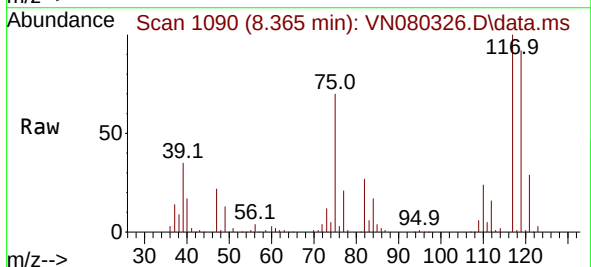
RT: 8.365 min Scan# 1090

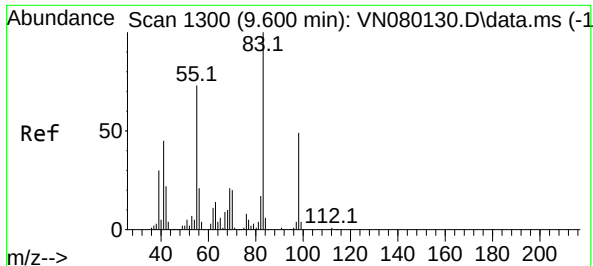
Delta R.T. -0.000 min

Lab File: VN080326.D

Acq: 04 Dec 2023 10:02

Tgt Ion:	117	Resp:	251023
Ion Ratio	Lower	Upper	
117	100		
119	91.8	77.3	115.9
121	29.4	23.3	34.9





#39

Methylcyclohexane

Concen: 50.472 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN080326.D

Acq: 04 Dec 2023 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	17060
Ion Ratio	Lower	Upper	
83	100		
55	70.7	49.1	73.7
98	51.5	40.6	61.0

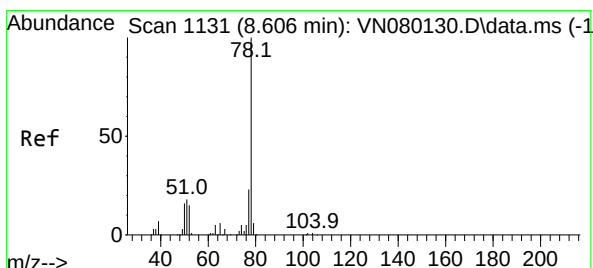
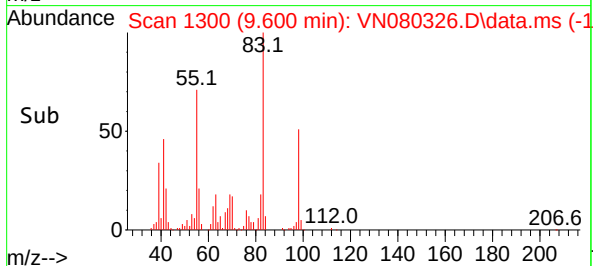
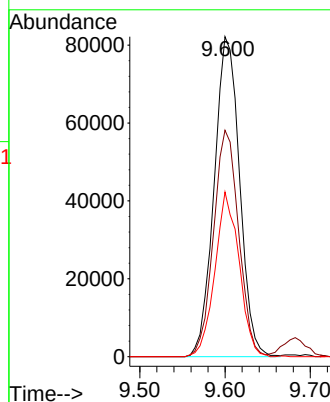
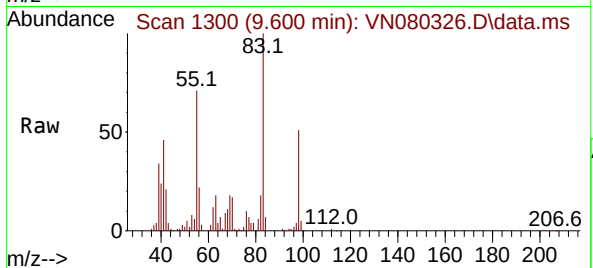
Manual Integrations
APPROVED

Reviewed By :John
Carlone

12/05/2023

Supervised By :Mahesh
Dadoda

12/05/2023



#40

Benzene

Concen: 50.836 ug/l

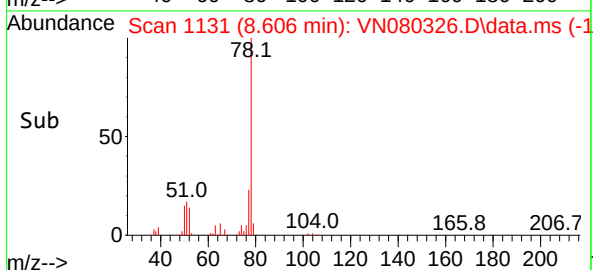
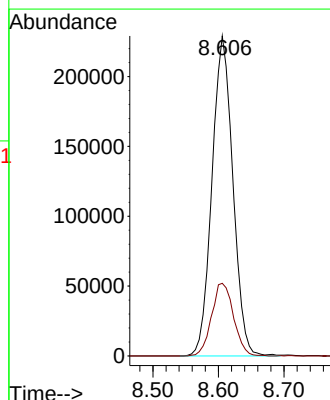
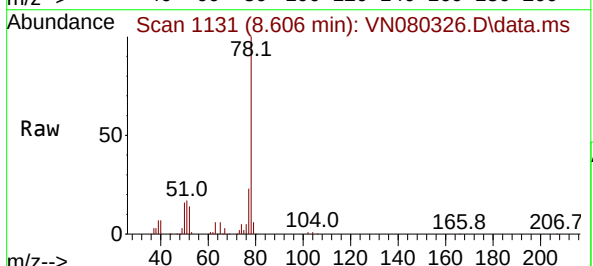
RT: 8.606 min Scan# 1131

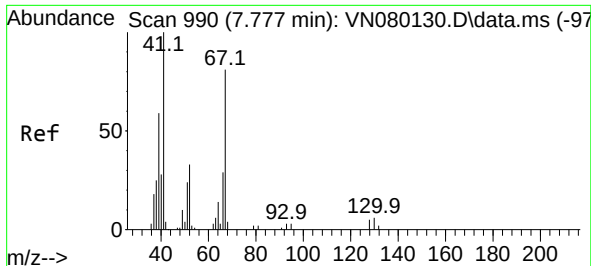
Delta R.T. -0.000 min

Lab File: VN080326.D

Acq: 04 Dec 2023 10:02

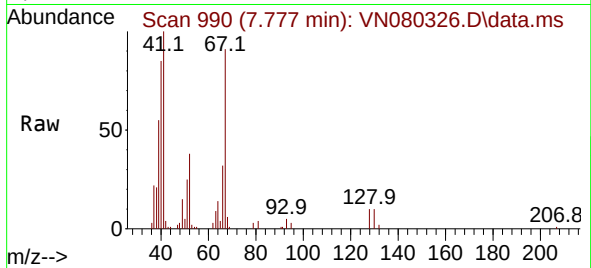
Tgt Ion:	78	Resp:	506495
Ion Ratio	Lower	Upper	
78	100		
77	22.7	19.0	28.6





#41
Methacrylonitrile
Concen: 49.516 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



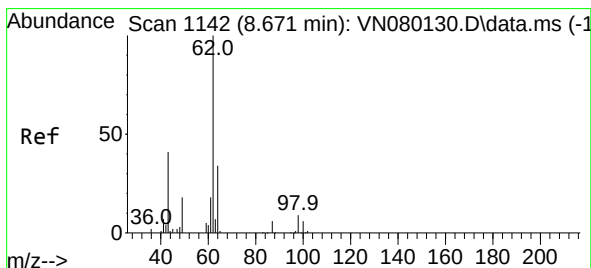
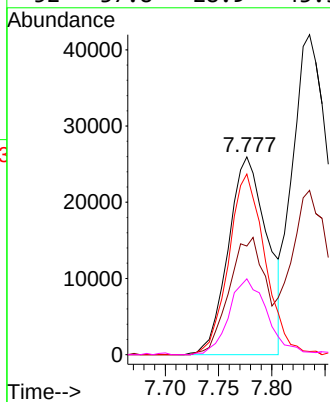
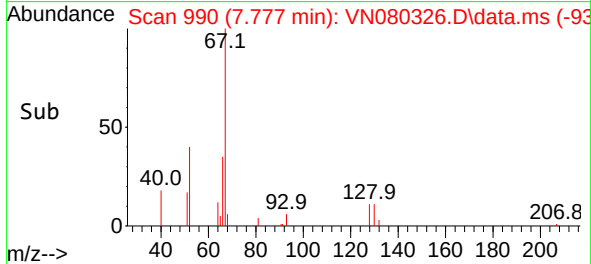
Tgt Ion: 41 Resp: 6612
Ion Ratio Lower Upper
41 100
39 54.5 42.6 64.0
67 85.6 77.5 116.3
52 37.8 28.9 43.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

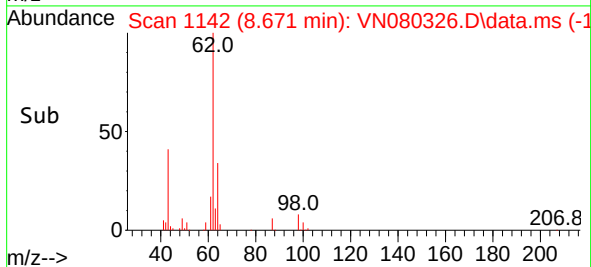
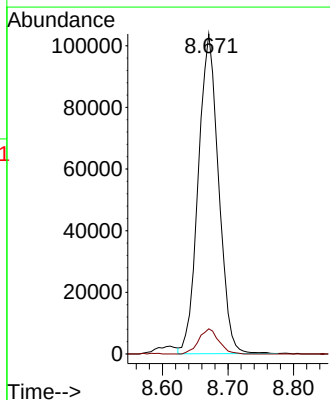
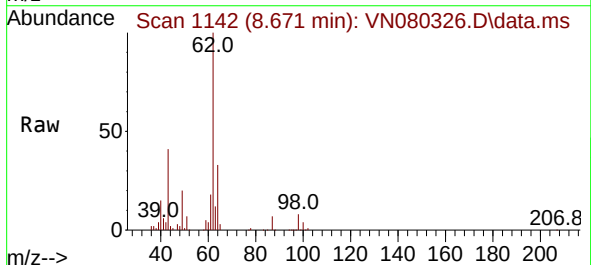
12/05/2023
Supervised By :Mahesh
Dadoda

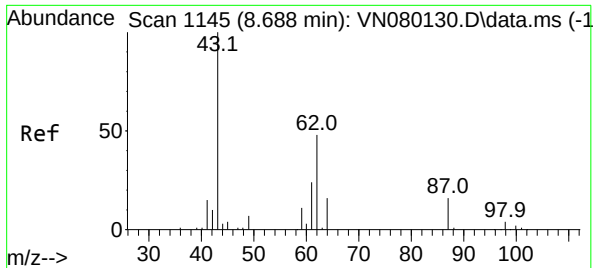
12/05/2023



#42
1,2-Dichloroethane
Concen: 54.884 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

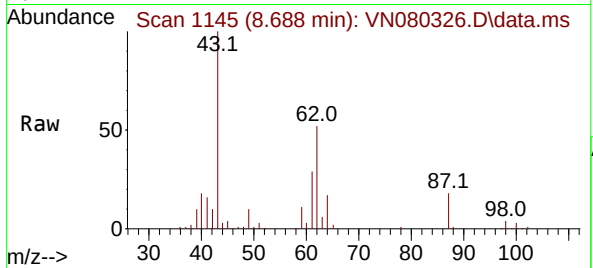
Tgt Ion: 62 Resp: 223722
Ion Ratio Lower Upper
62 100
98 7.7 0.0 19.8





#43
Isopropyl Acetate
Concen: 41.139 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



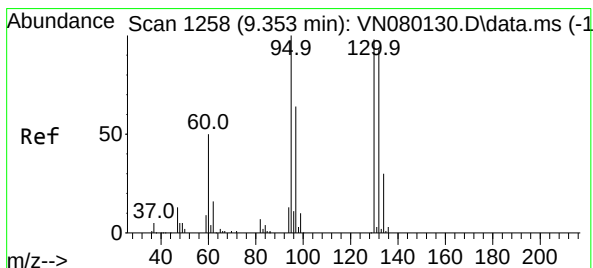
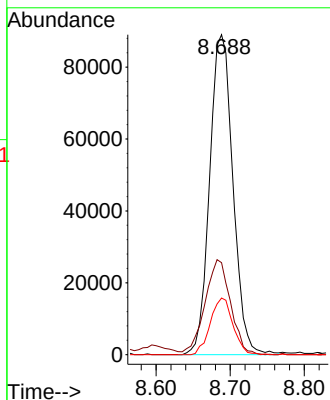
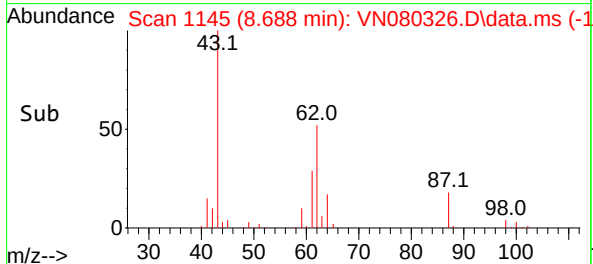
Tgt Ion: 43 Resp: 194660
Ion Ratio Lower Upper
43 100
61 32.6 24.7 37.1
87 17.2 14.6 21.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

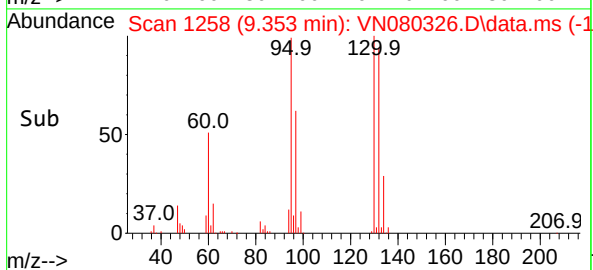
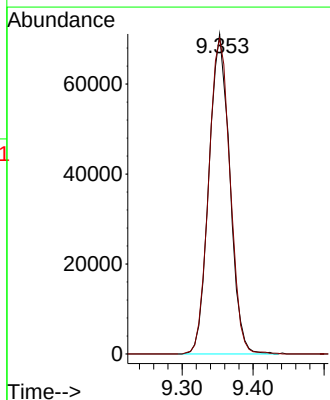
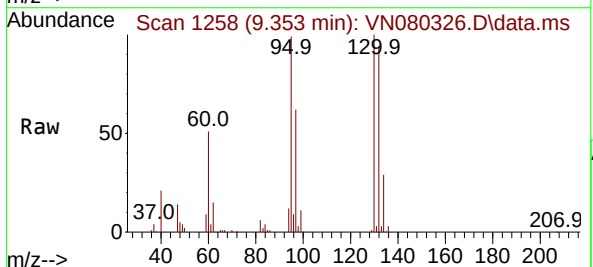
12/05/2023
Supervised By :Mahesh
Dadoda

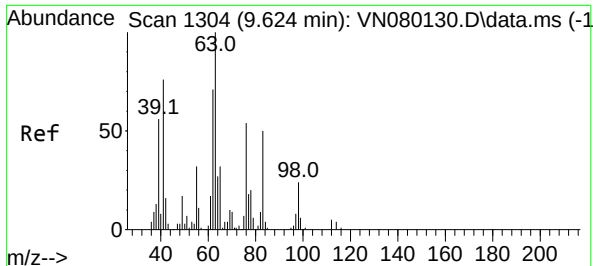
12/05/2023



#44
Trichloroethene
Concen: 55.250 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Tgt Ion:130 Resp: 144395
Ion Ratio Lower Upper
130 100
95 98.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 50.007 ug/l

RT: 9.623 min Scan# 11578

Delta R.T. -0.000 min

Lab File: VN080326.D

Acq: 04 Dec 2023 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 11578

Ion Ratio Lower Upper

63 100

65 30.3 23.9 35.9

Manual Integrations

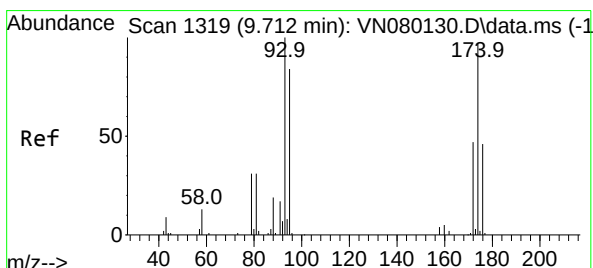
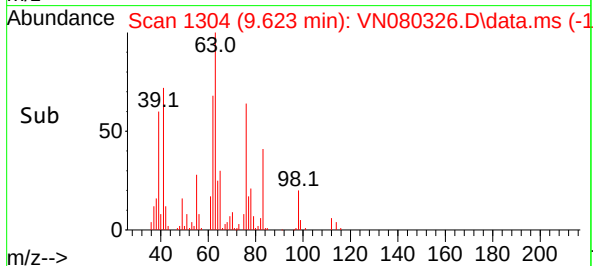
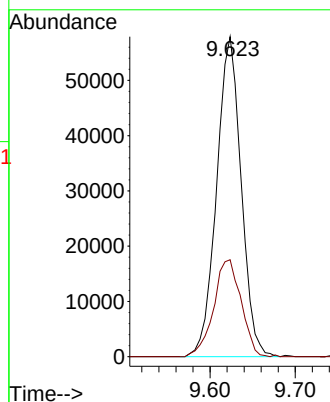
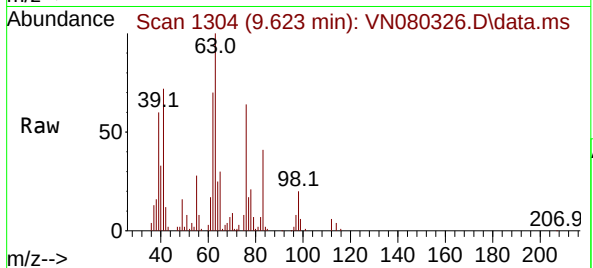
APPROVED

Reviewed By :John
Carlone

12/05/2023

Supervised By :Mahesh
Dadoda

12/05/2023



#46

Dibromomethane

Concen: 54.711 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080326.D

Acq: 04 Dec 2023 10:02

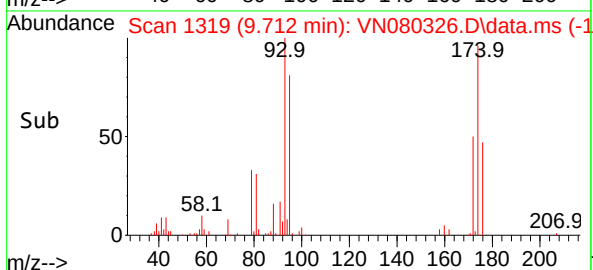
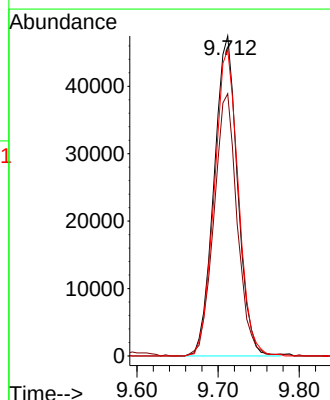
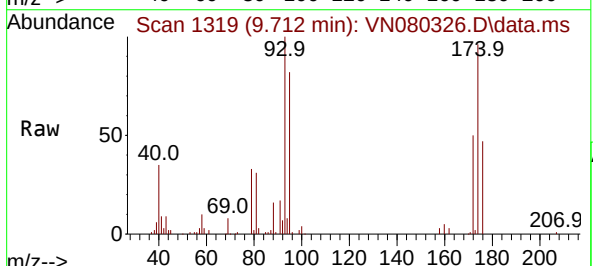
Tgt Ion: 93 Resp: 95891

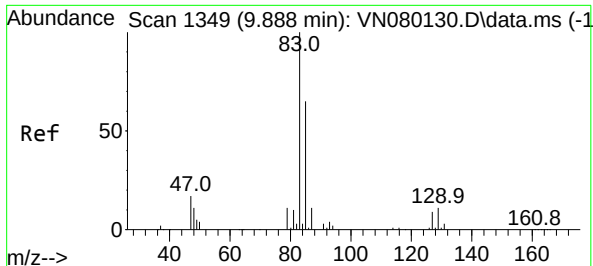
Ion Ratio Lower Upper

93 100

95 80.8 63.8 95.8

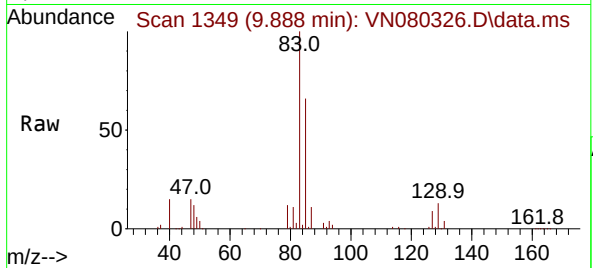
174 97.3 65.6 98.4





#47
Bromodichloromethane
Concen: 55.331 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



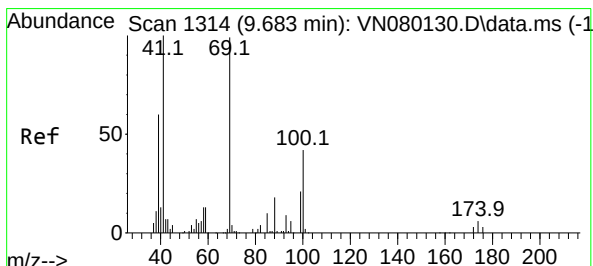
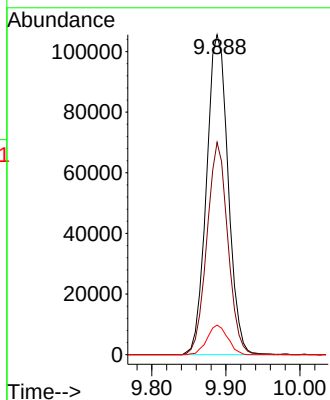
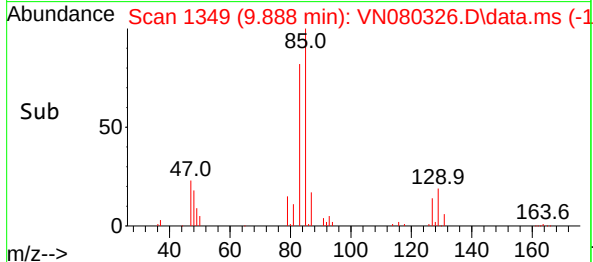
Tgt Ion: 83 Resp: 213325
Ion Ratio Lower Upper
83 100
85 66.4 49.6 74.4
127 9.3 7.0 10.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

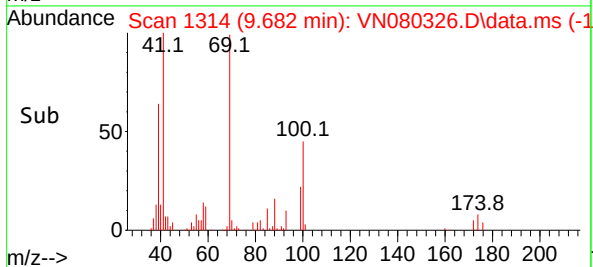
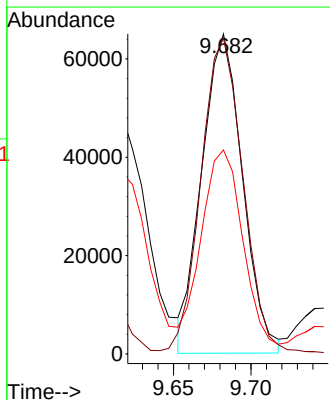
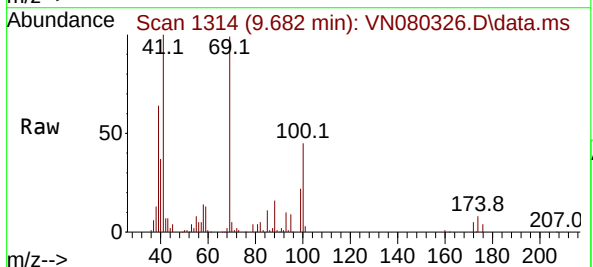
12/05/2023
Supervised By :Mahesh
Dadoda

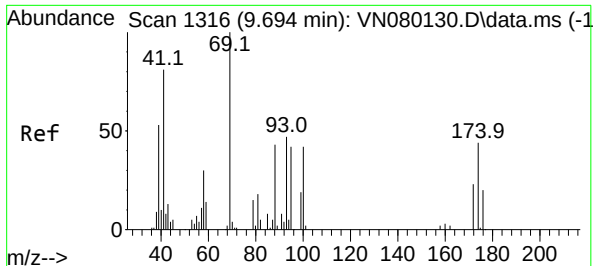
12/05/2023



#48
Methyl methacrylate
Concen: 48.720 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

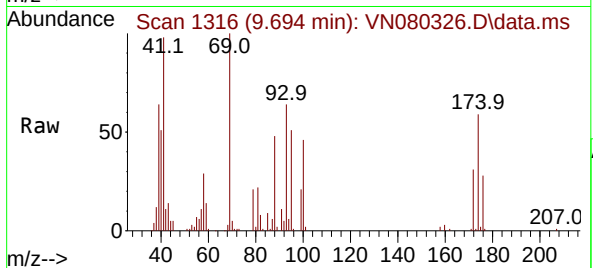
Tgt Ion: 41 Resp: 118804
Ion Ratio Lower Upper
41 100
69 102.9 90.4 135.6
39 66.4 54.6 81.8





#49
1,4-Dioxane
Concen: 873.408 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



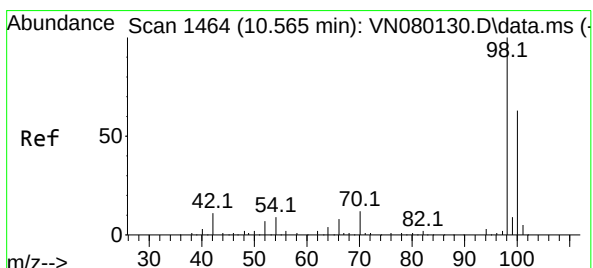
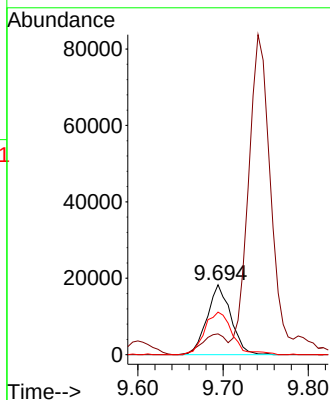
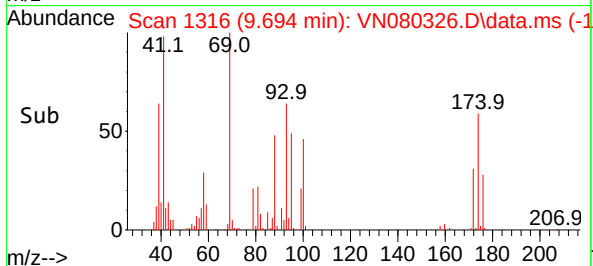
Tgt Ion: 88 Resp: 35432
Ion Ratio Lower Upper
88 100
43 30.4 17.0 25.6
58 71.0 47.0 70.4

Manual Integrations
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Reviewed By :John
Carlone

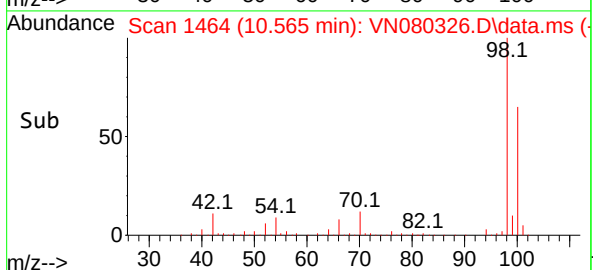
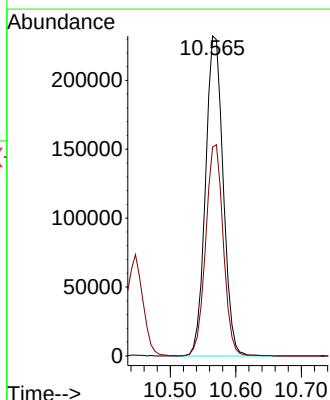
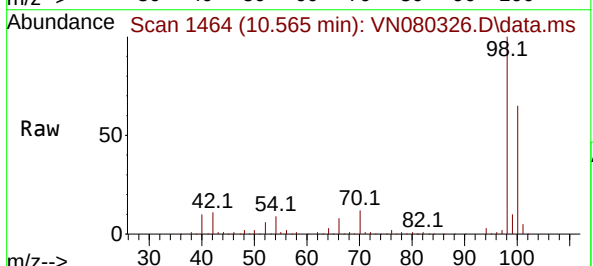
12/05/2023
Supervised By :Mahesh
Dadoda

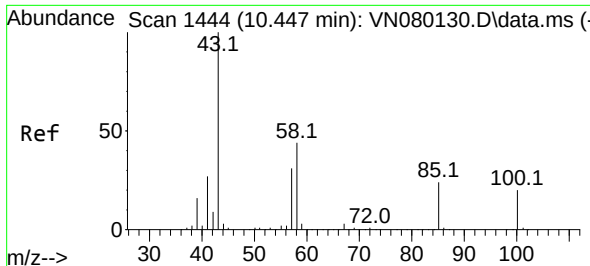
12/05/2023



#50
Toluene-d8
Concen: 49.765 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

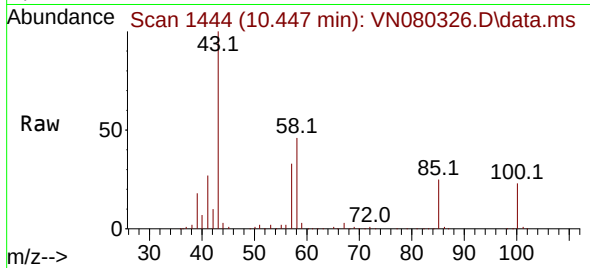
Tgt Ion: 98 Resp: 434368
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 232.221 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



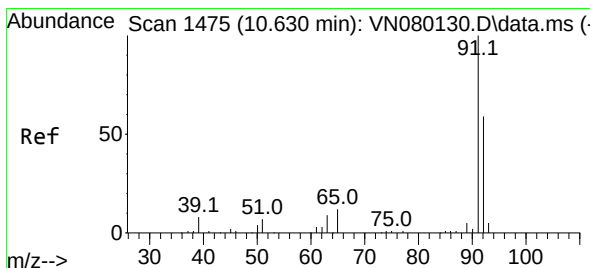
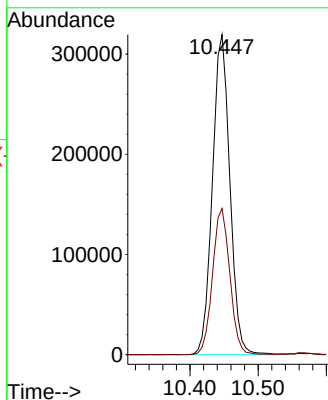
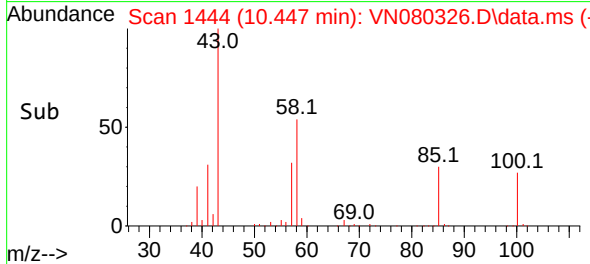
Tgt Ion: 43 Resp: 568894
Ion Ratio Lower Upper
43 100
58 45.4 36.6 54.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

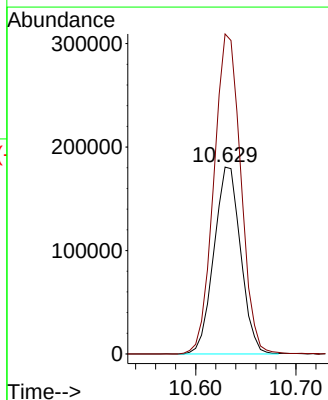
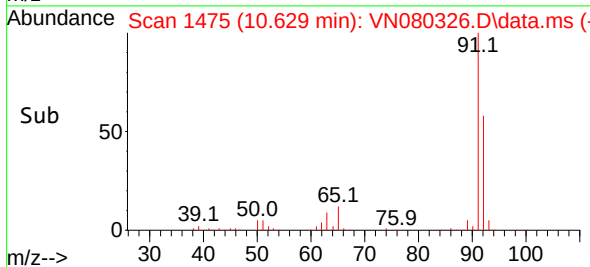
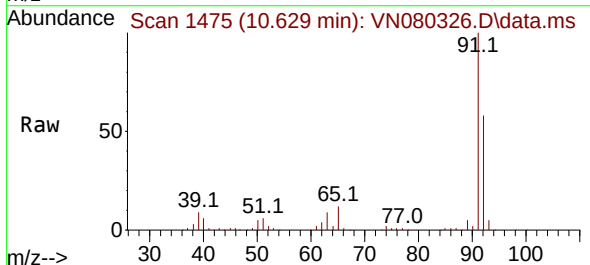
12/05/2023
Supervised By :Mahesh
Dadoda

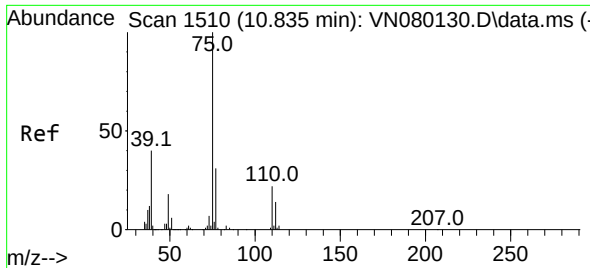
12/05/2023



#52
Toluene
Concen: 53.534 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Tgt Ion: 92 Resp: 333800
Ion Ratio Lower Upper
92 100
91 173.2 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 53.728 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

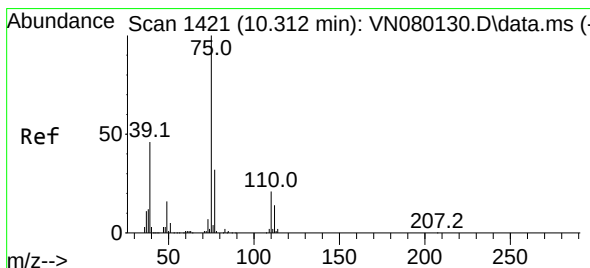
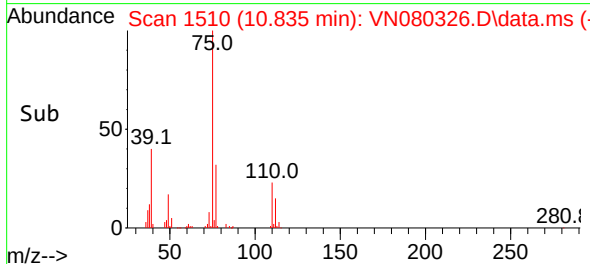
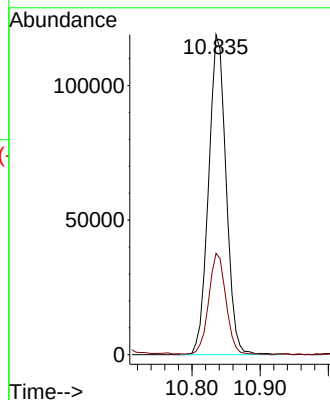
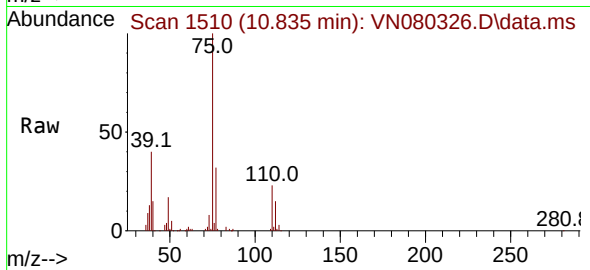
Tgt Ion: 75 Resp: 212820
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0

Manual Integrations
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Reviewed By :John
Carlone

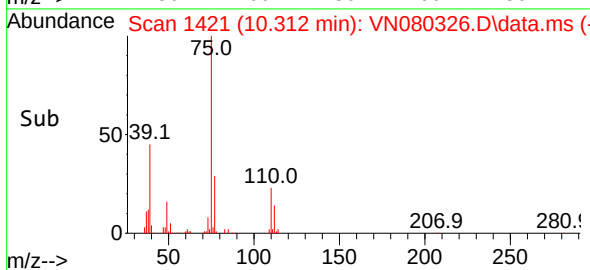
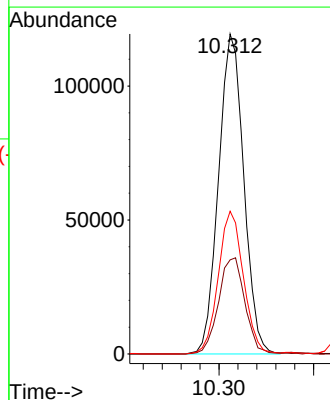
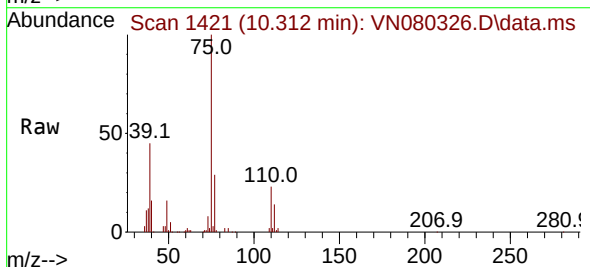
12/05/2023
Supervised By :Mahesh
Dadoda

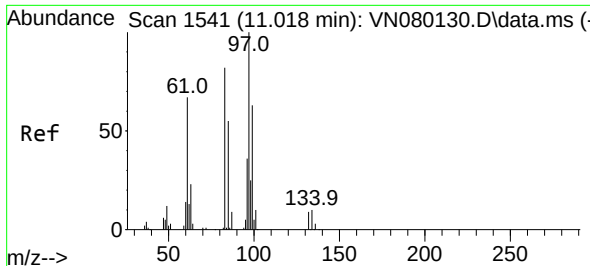
12/05/2023



#54
cis-1,3-Dichloropropene
Concen: 54.635 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

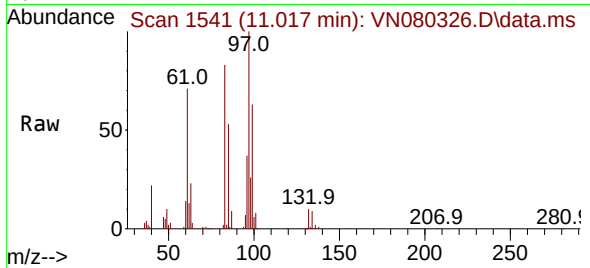
Tgt Ion: 75 Resp: 221102
Ion Ratio Lower Upper
75 100
77 29.4 26.1 39.1
39 44.6 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 52.319 ug/l
RT: 11.017 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



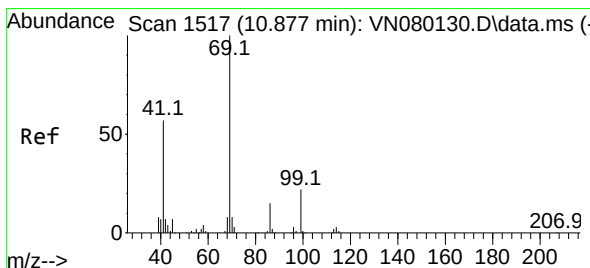
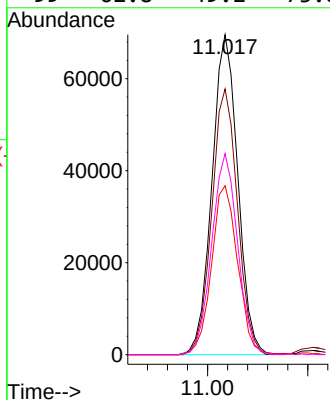
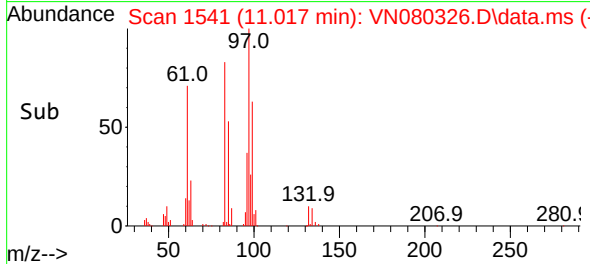
Tgt Ion: 97 Resp: 124509
Ion Ratio Lower Upper
97 100
83 83.0 65.1 97.7
85 52.8 43.4 65.2
99 62.8 49.2 73.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

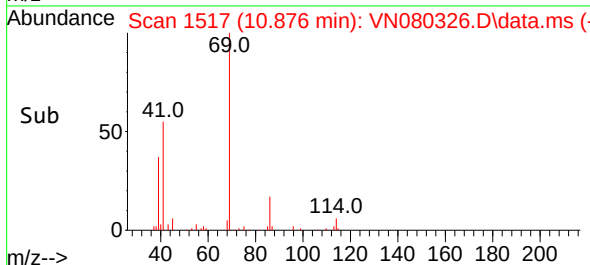
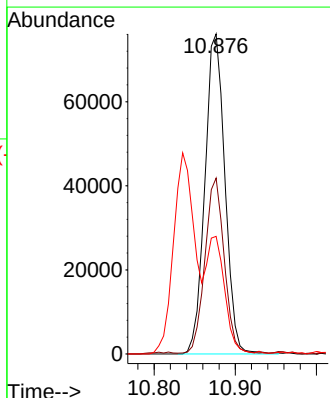
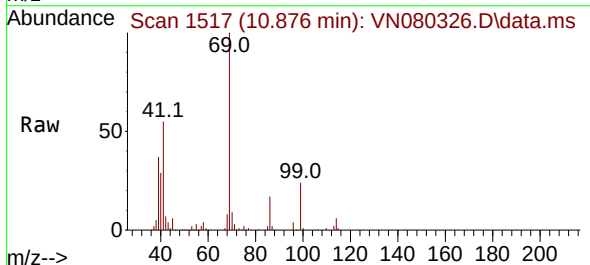
12/05/2023
Supervised By :Mahesh
Dadoda

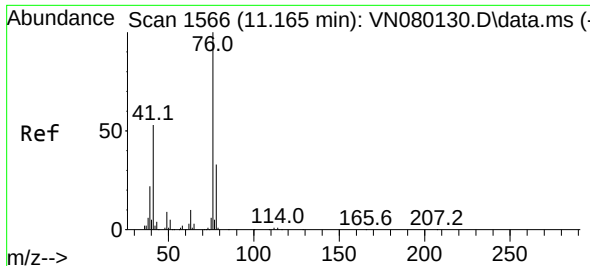
12/05/2023



#56
Ethyl methacrylate
Concen: 53.680 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

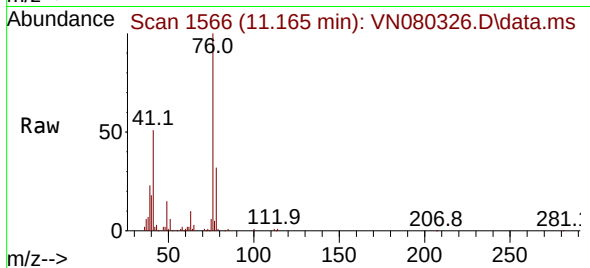
Tgt Ion: 69 Resp: 130506
Ion Ratio Lower Upper
69 100
41 52.4 39.6 59.4
39 33.0 28.6 43.0





#57
1,3-Dichloropropane
Concen: 52.238 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



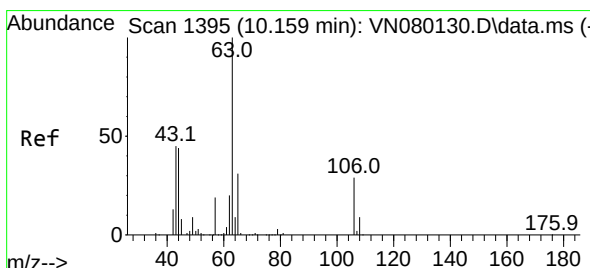
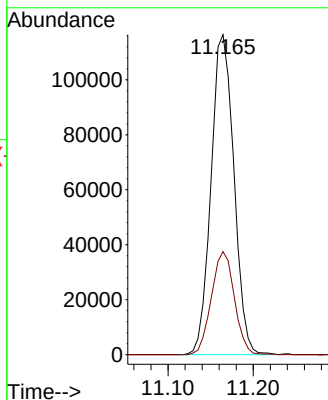
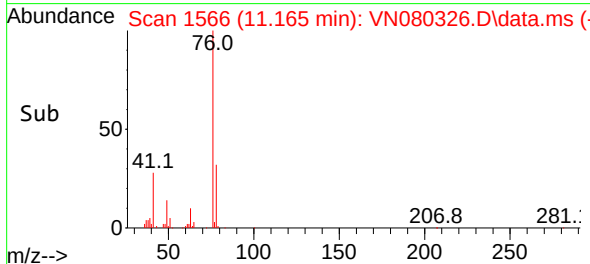
Tgt Ion: 76 Resp: 217052
Ion Ratio Lower Upper
76 100
78 32.4 26.1 39.1

Manual Integrations
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Reviewed By :John
Carlone

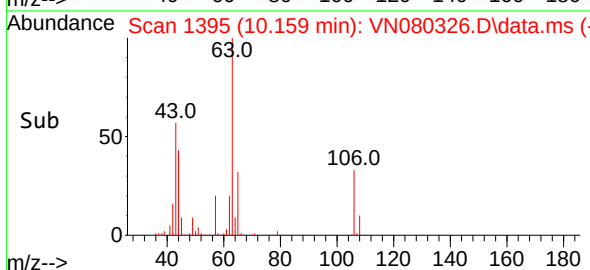
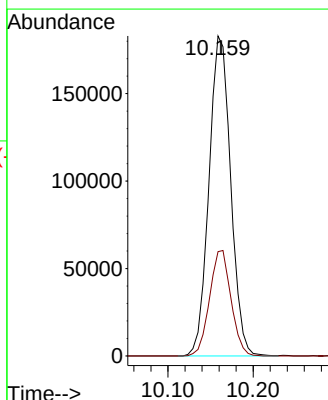
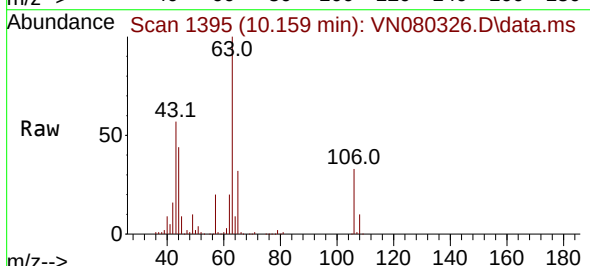
12/05/2023
Supervised By :Mahesh
Dadoda

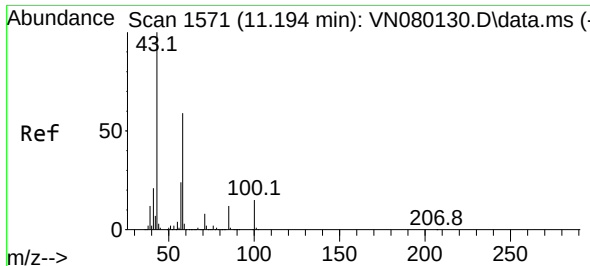
12/05/2023



#58
2-Chloroethyl Vinyl ether
Concen: 236.334 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

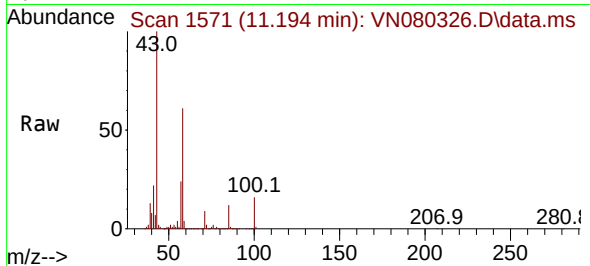
Tgt Ion: 63 Resp: 323698
Ion Ratio Lower Upper
63 100
106 32.5 26.2 39.4





#59
2-Hexanone
Concen: 229.589 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



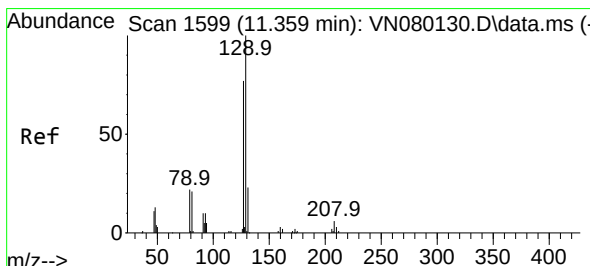
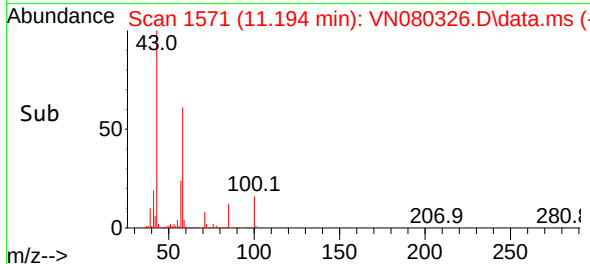
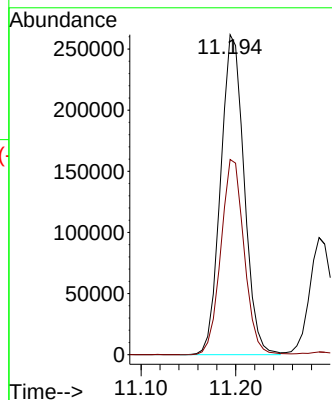
Tgt Ion: 43 Resp: 451958
Ion Ratio Lower Upper
43 100
58 60.4 31.7 95.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

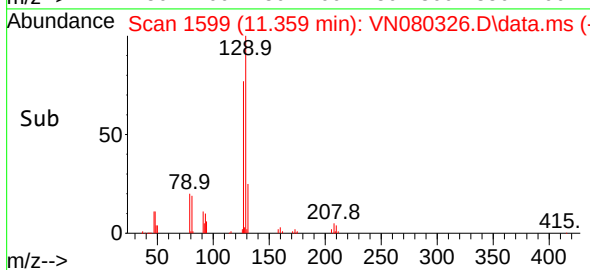
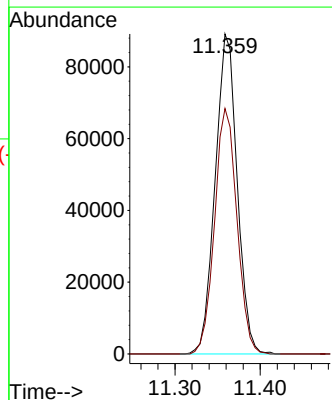
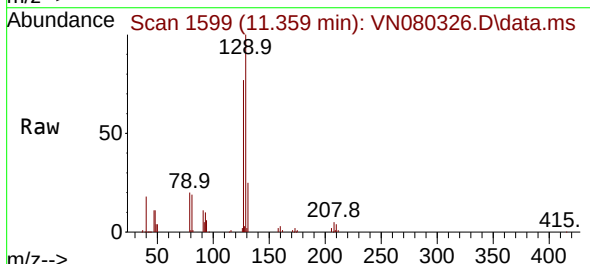
12/05/2023
Supervised By :Mahesh
Dadoda

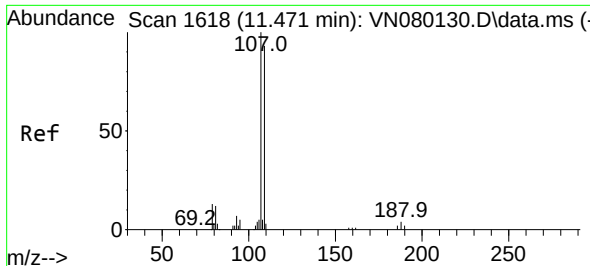
12/05/2023



#60
Dibromochloromethane
Concen: 56.263 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

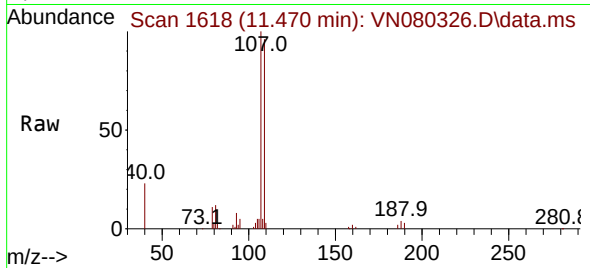
Tgt Ion:129 Resp: 160302
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 51.811 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



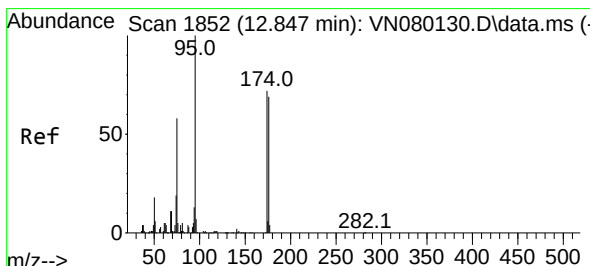
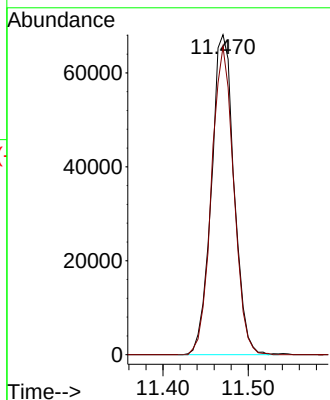
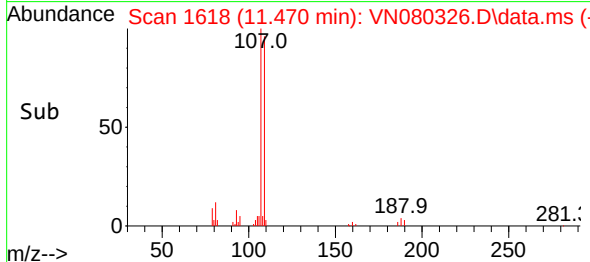
Tgt Ion:107 Resp: 125788
Ion Ratio Lower Upper
107 100
109 94.6 76.6 114.8

Manual Integrations
APPROVED

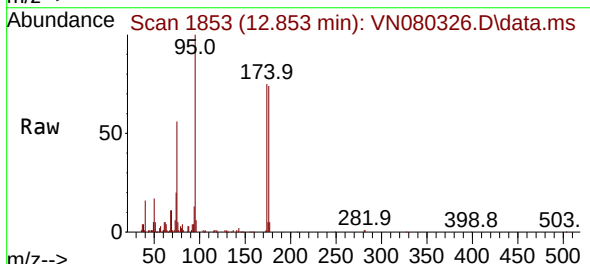
Reviewed By :John
Carlone

12/05/2023
Supervised By :Mahesh
Dadoda

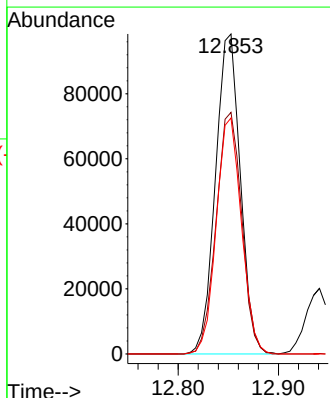
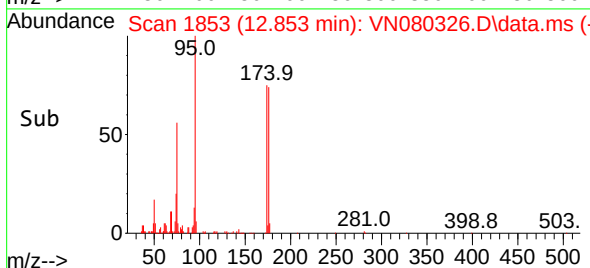
12/05/2023

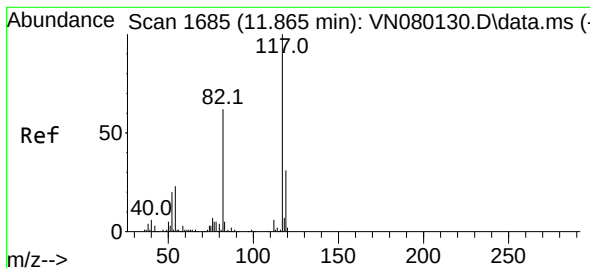


#62
4-Bromofluorobenzene
Concen: 51.377 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02



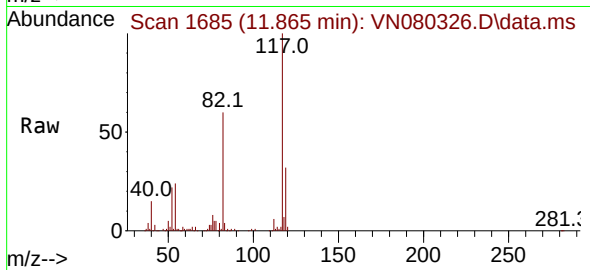
Tgt Ion: 95 Resp: 169384
Ion Ratio Lower Upper
95 100
174 77.5 0.0 143.8
176 74.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



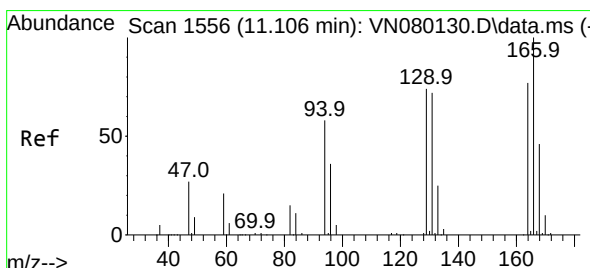
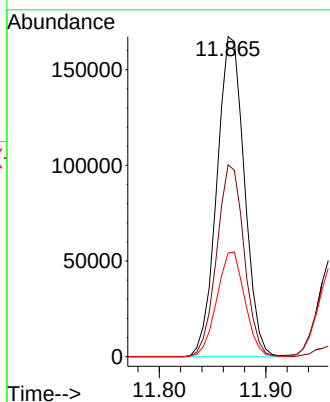
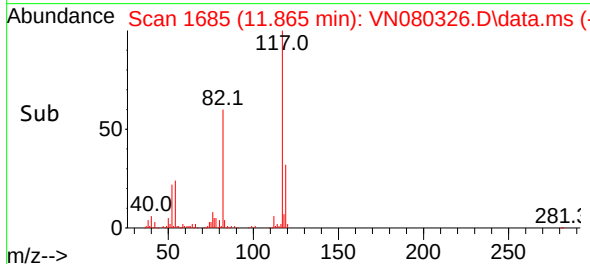
Tgt Ion:117 Resp: 30024
Ion Ratio Lower Upper
117 100
82 60.0 44.0 66.0
119 32.4 25.6 38.4

Manual Integrations
APPROVED

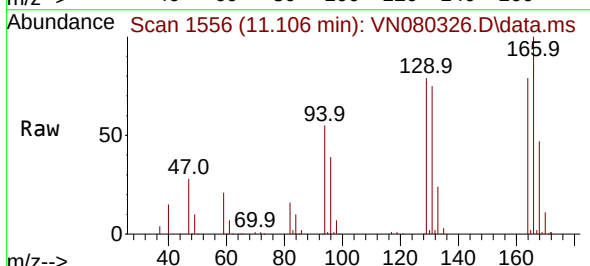
Reviewed By :John
Carlone

12/05/2023
Supervised By :Mahesh
Dadoda

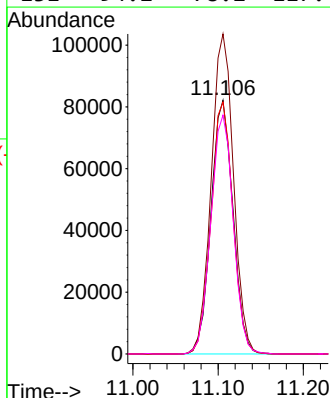
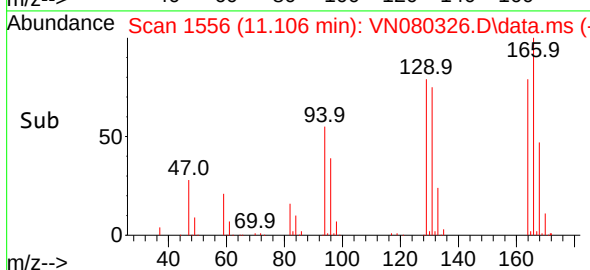
12/05/2023

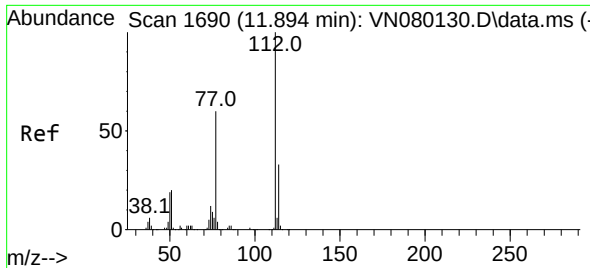


#64
Tetrachloroethene
Concen: 64.479 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02



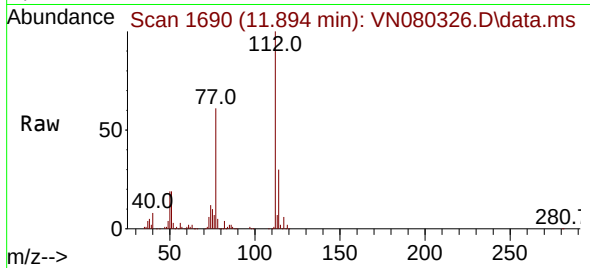
Tgt Ion:164 Resp: 147745
Ion Ratio Lower Upper
164 100
166 126.1 101.4 152.0
129 99.3 82.4 123.6
131 94.2 78.2 117.4





#65
Chlorobenzene
Concen: 52.328 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



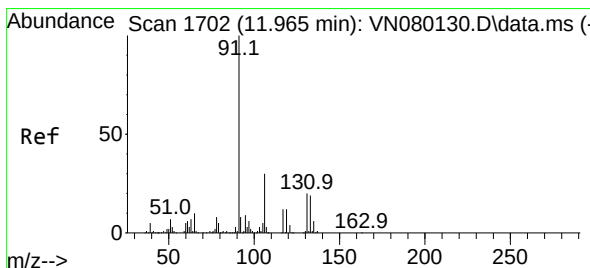
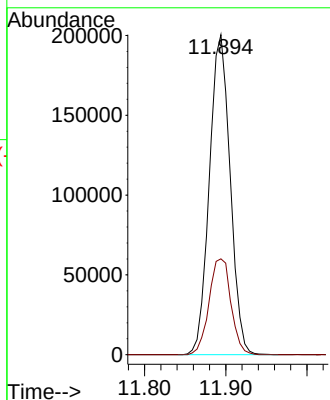
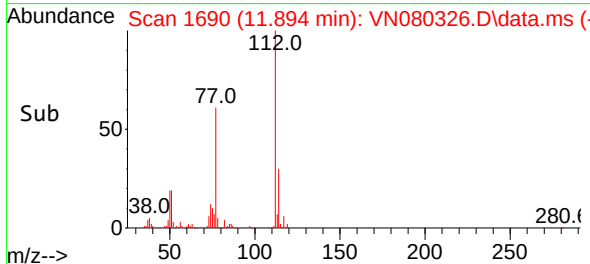
Tgt Ion:112 Resp: 356000
Ion Ratio Lower Upper
112 100
114 30.0 25.0 37.4

Manual Integrations
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Reviewed By :John
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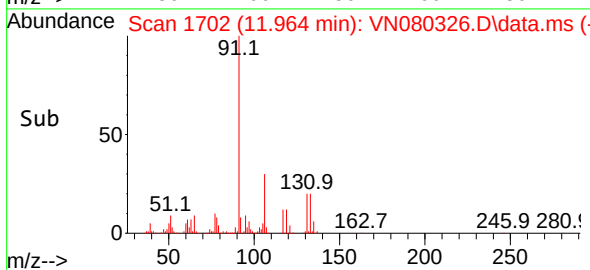
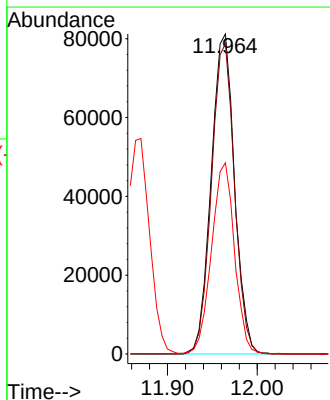
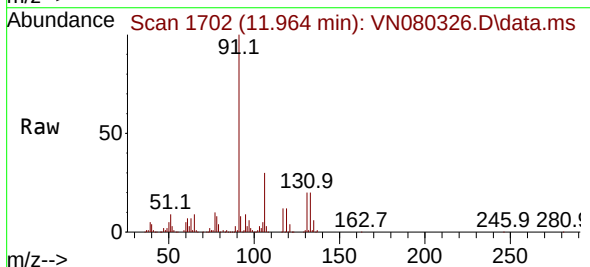
12/05/2023
Supervised By :Mahesh
Dadoda

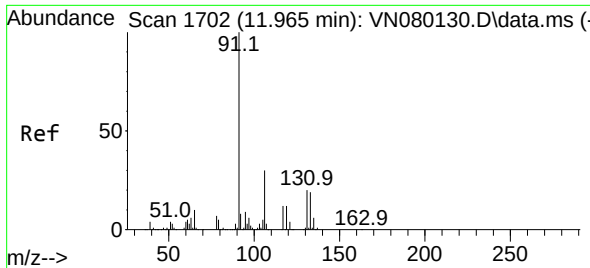
12/05/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 55.632 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

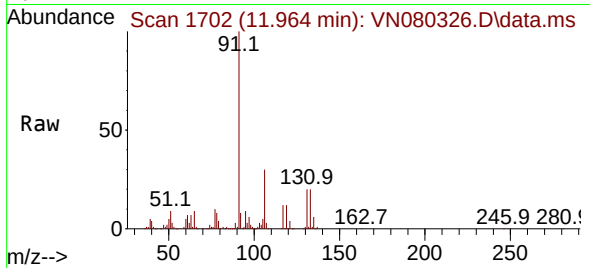
Tgt Ion:131 Resp: 146874
Ion Ratio Lower Upper
131 100
133 95.5 46.4 139.1
119 58.9 34.1 102.2





#67
Ethyl Benzene
Concen: 54.577 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



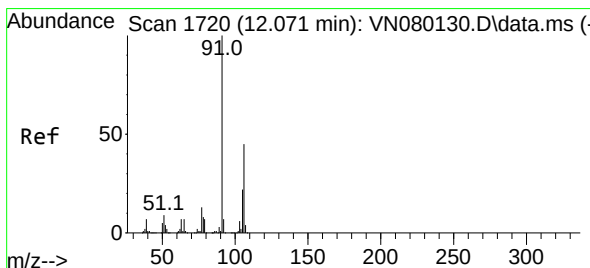
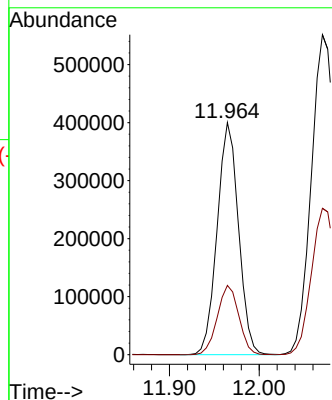
Tgt Ion: 91 Resp: 660709
Ion Ratio Lower Upper
91 100
106 29.9 25.6 38.4

Manual Integrations
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Reviewed By :John
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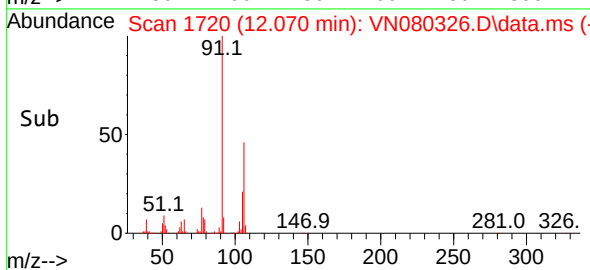
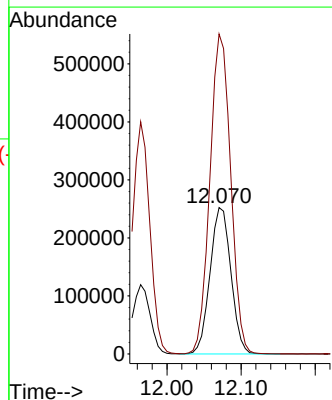
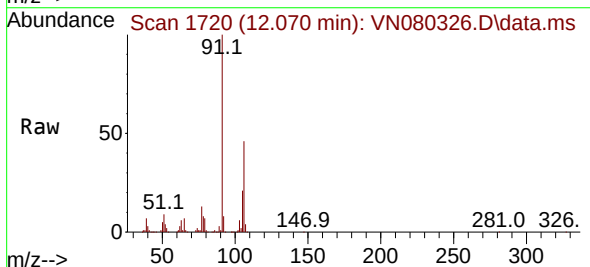
12/05/2023
Supervised By :Mahesh
Dadoda

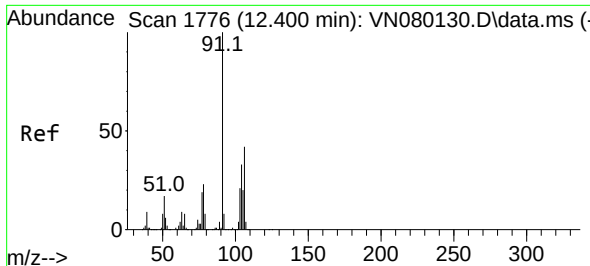
12/05/2023



#68
m/p-Xylenes
Concen: 111.954 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

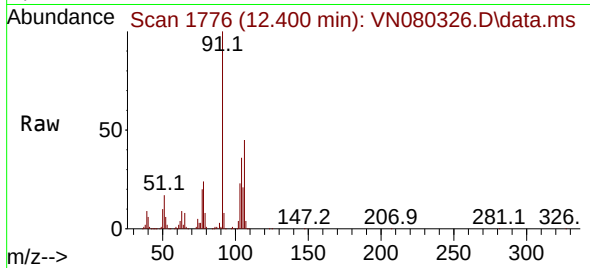
Tgt Ion:106 Resp: 494161
Ion Ratio Lower Upper
106 100
91 217.6 159.6 239.4





#69
o-Xylene
Concen: 55.589 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



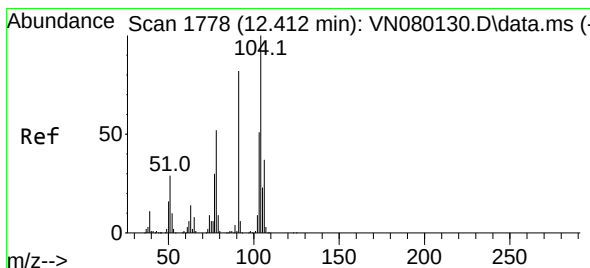
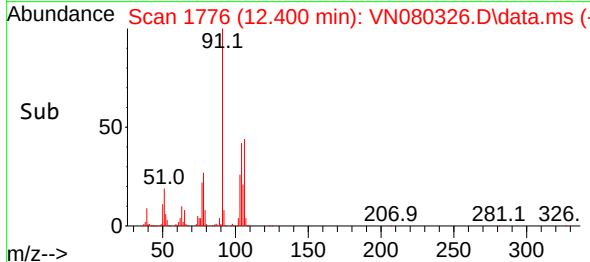
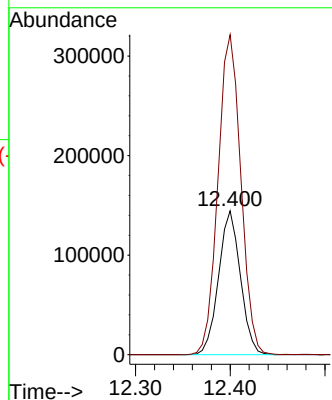
Tgt Ion:106 Resp: 231238
Ion Ratio Lower Upper
106 100
91 233.4 105.2 315.5

Manual Integrations
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Reviewed By :John
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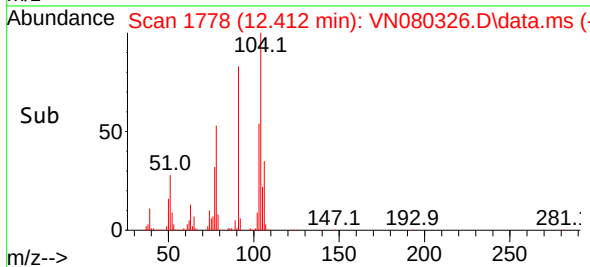
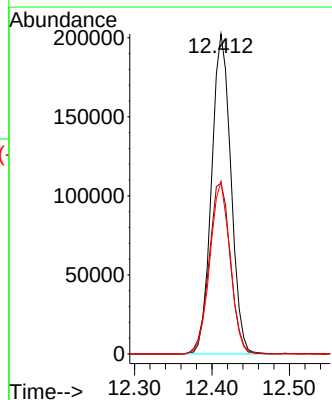
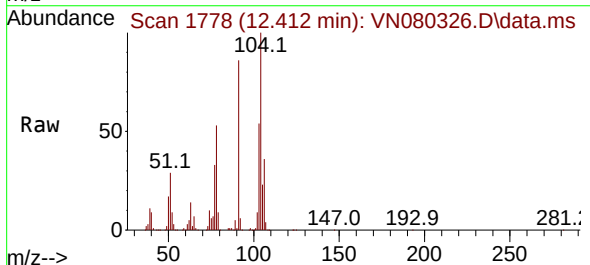
12/05/2023
Supervised By :Mahesh
Dadoda

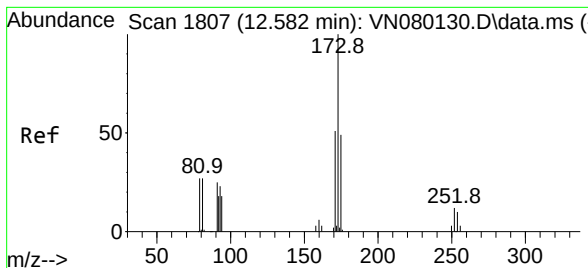
12/05/2023



#70
Styrene
Concen: 56.775 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

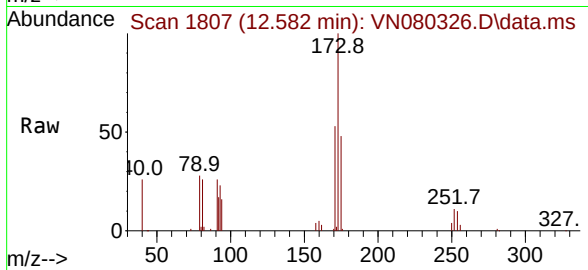
Tgt Ion:104 Resp: 351518
Ion Ratio Lower Upper
104 100
78 58.9 39.5 59.3
103 56.2 43.2 64.8





#71
Bromoform
Concen: 56.039 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



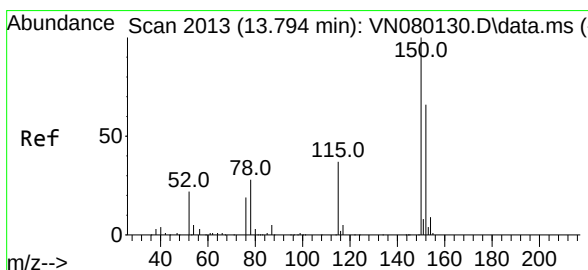
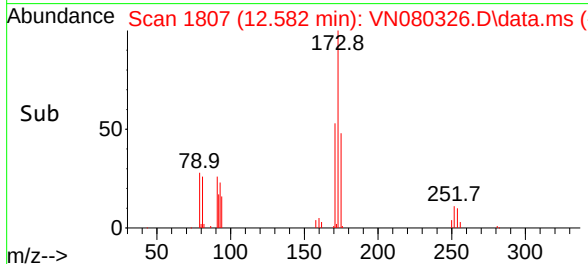
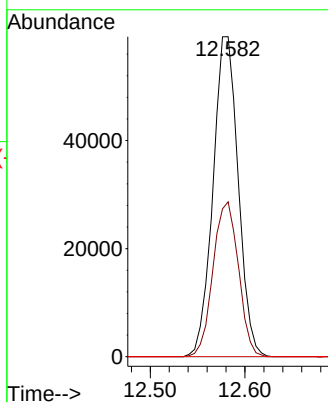
Tgt Ion:173 Resp: 10971
Ion Ratio Lower Upper
173 100
175 48.7 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
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Reviewed By :John
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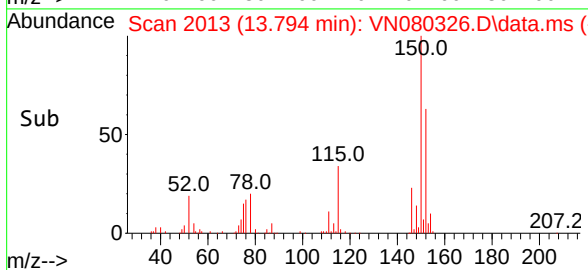
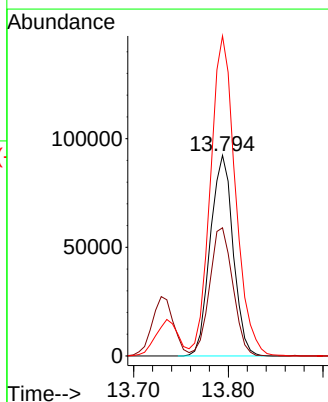
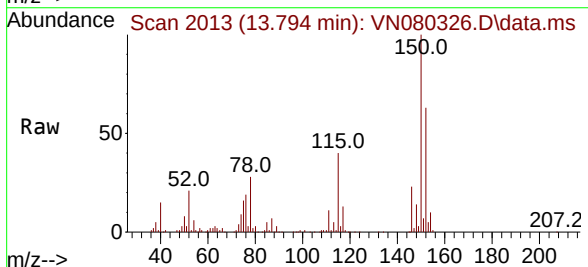
12/05/2023
Supervised By :Mahesh
Dadoda

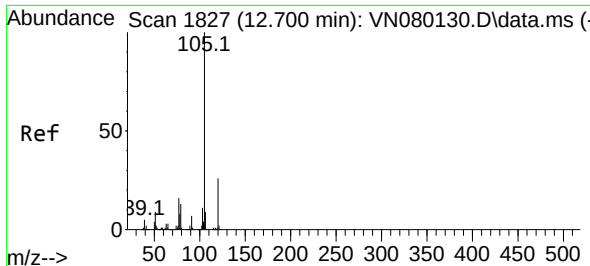
12/05/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

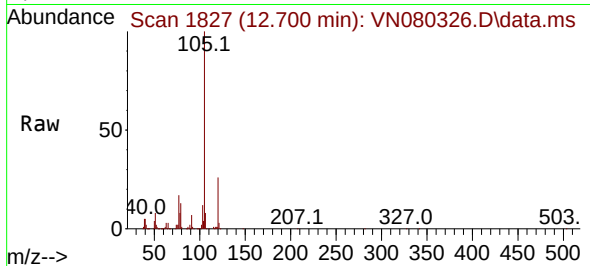
Tgt Ion:152 Resp: 154576
Ion Ratio Lower Upper
152 100
115 65.1 32.3 96.8
150 174.2 0.0 355.8





#73
Isopropylbenzene
Concen: 50.718 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



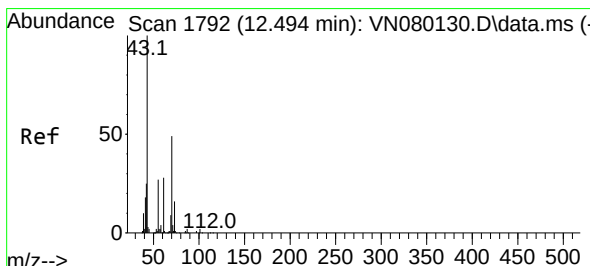
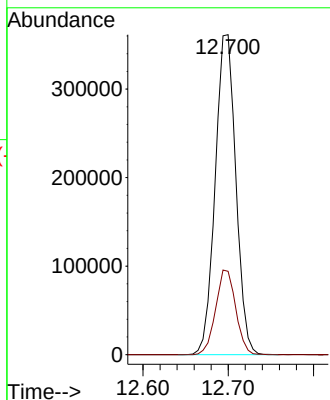
Tgt Ion:105 Resp: 60920
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.1

Manual Integrations
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Reviewed By :John
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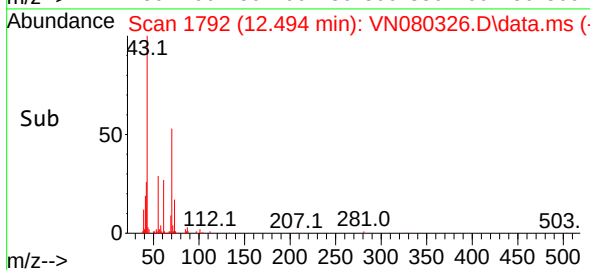
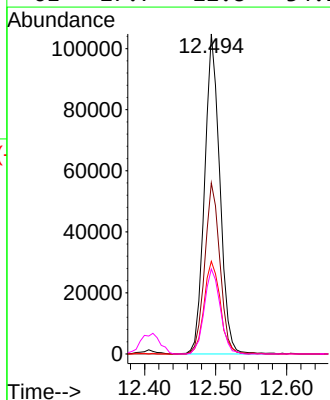
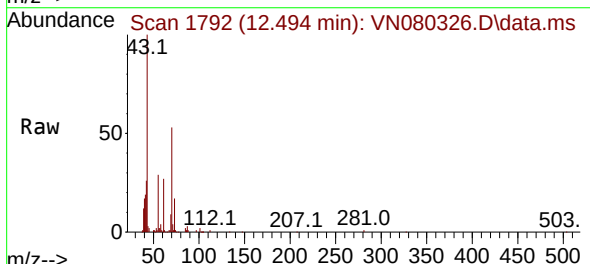
12/05/2023
Supervised By :Mahesh
Dadoda

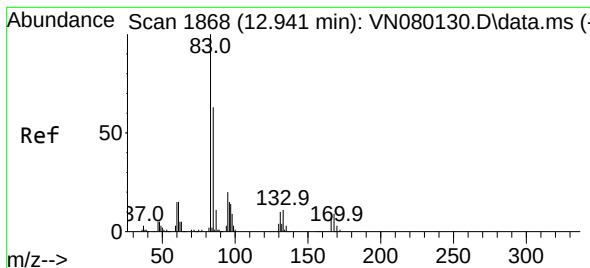
12/05/2023



#74
N-ethyl acetate
Concen: 41.797 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

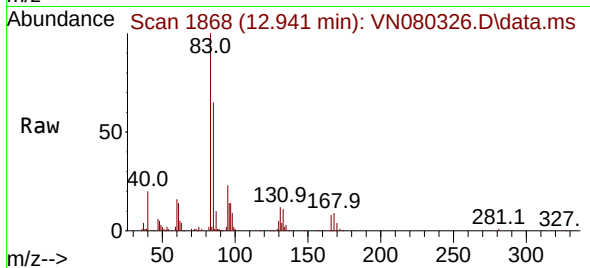
Tgt Ion: 43 Resp: 156563
Ion Ratio Lower Upper
43 100
70 53.0 43.4 65.2
55 30.8 21.4 32.0
61 27.7 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 41.844 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050



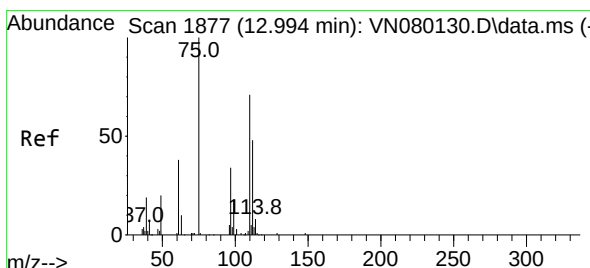
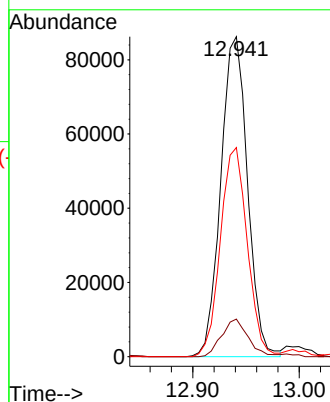
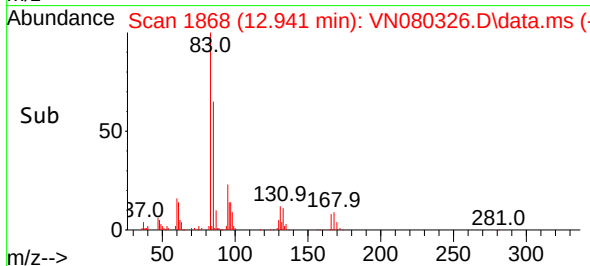
Tgt Ion: 83 Resp: 150433
Ion Ratio Lower Upper
83 100
131 11.6 5.0 15.0
85 65.8 31.9 95.7

Manual Integrations
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Reviewed By :John
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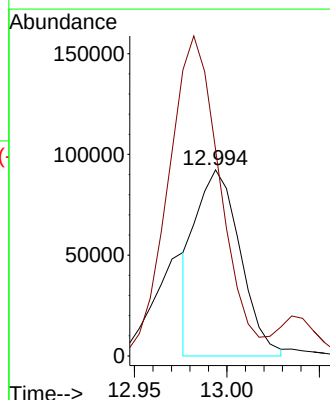
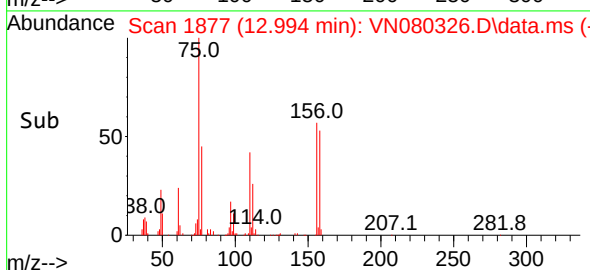
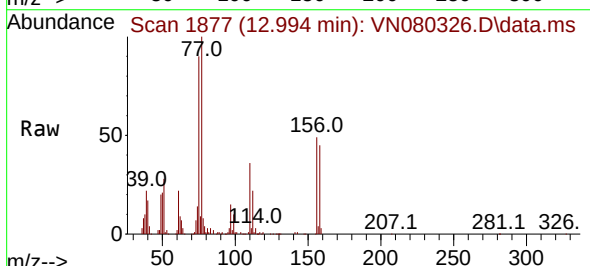
12/05/2023
Supervised By :Mahesh
Dadoda

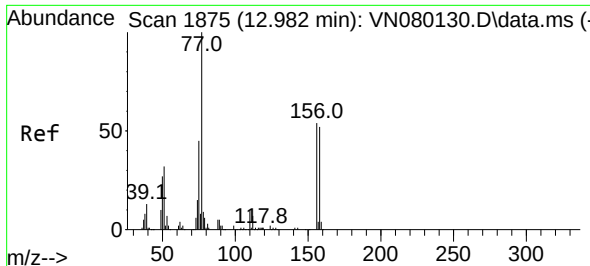
12/05/2023



#76
1,2,3-Trichloropropane
Concen: 40.816 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Tgt Ion: 75 Resp: 154586
Ion Ratio Lower Upper
75 100
77 199.3 84.5 253.5





#77
Bromobenzene
Concen: 50.200 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

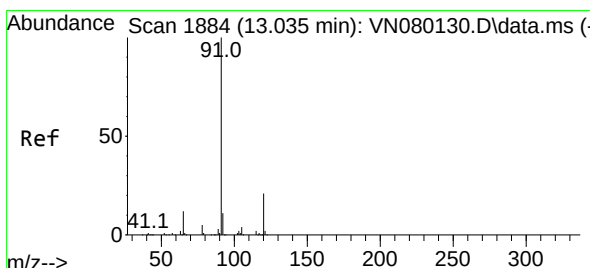
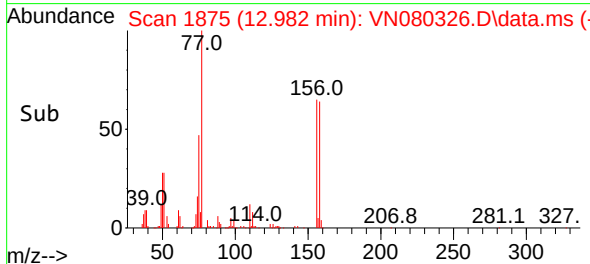
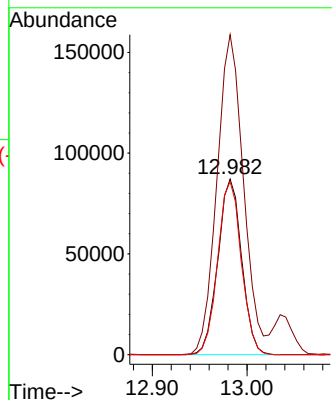
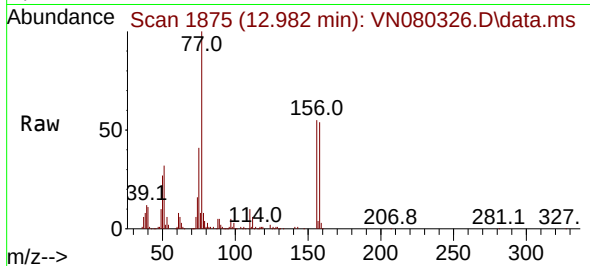
Tgt Ion:156 Resp: 15202
Ion Ratio Lower Upper
156 100
77 202.7 107.7 323.3
158 97.9 48.4 145.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

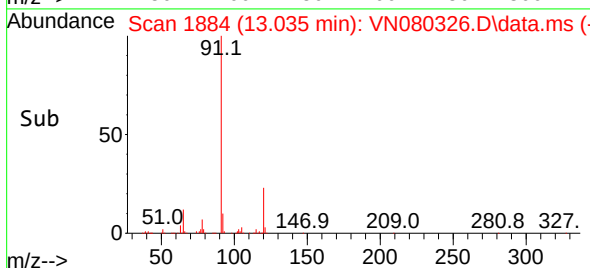
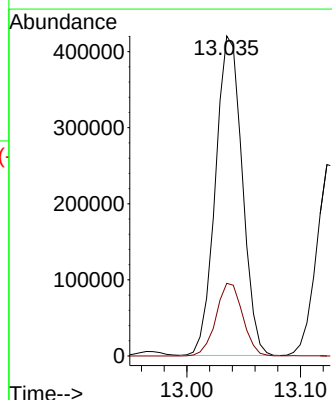
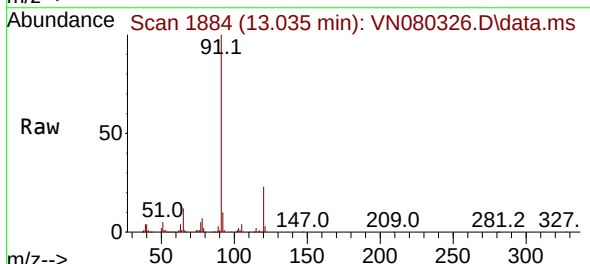
12/05/2023
Supervised By :Mahesh
Dadoda

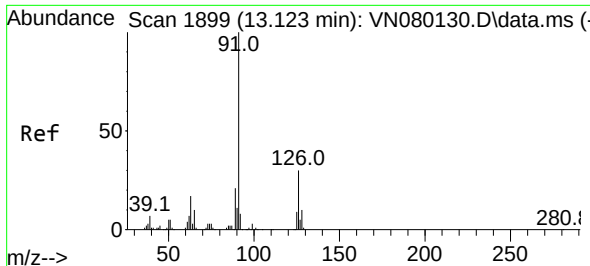
12/05/2023



#78
n-propylbenzene
Concen: 51.245 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

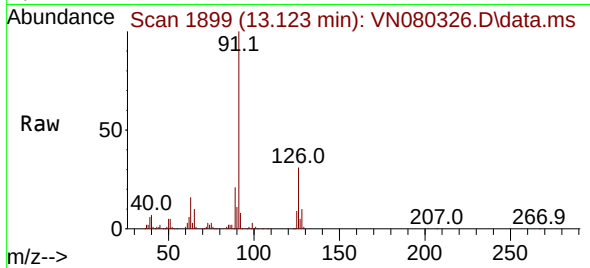
Tgt Ion: 91 Resp: 688322
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4





#79
2-Chlorotoluene
Concen: 50.534 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



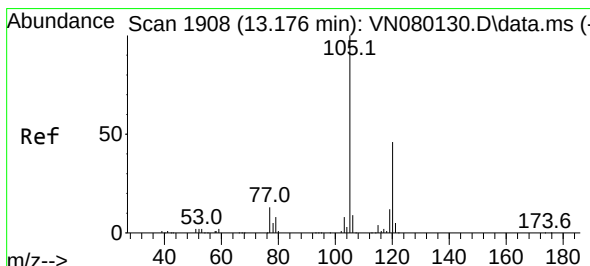
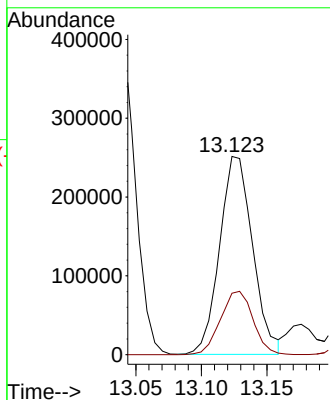
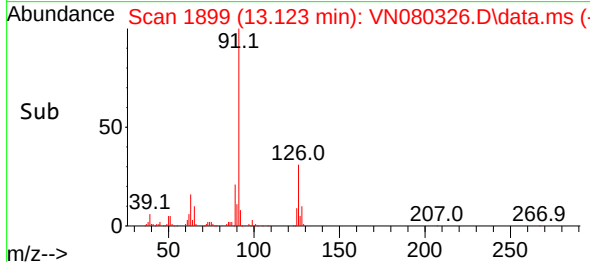
Tgt Ion: 91 Resp: 44085
Ion Ratio Lower Upper
91 100
126 31.6 16.3 48.8

Manual Integrations
APPROVED

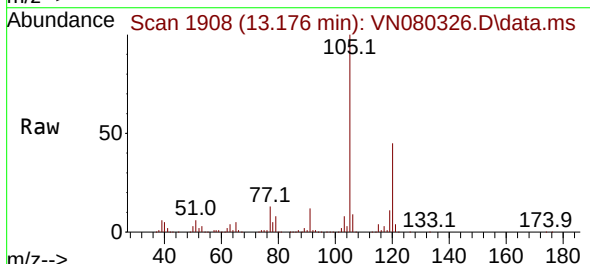
Reviewed By :John
Carlone

12/05/2023
Supervised By :Mahesh
Dadoda

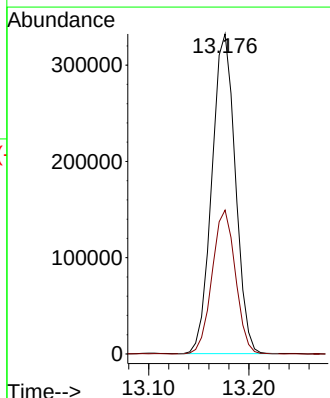
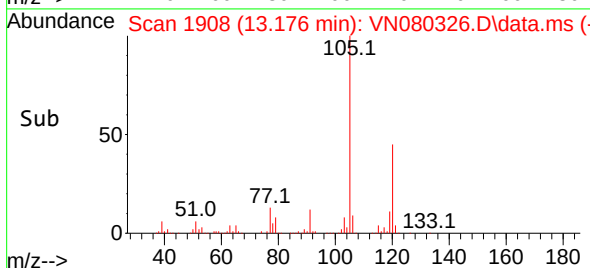
12/05/2023

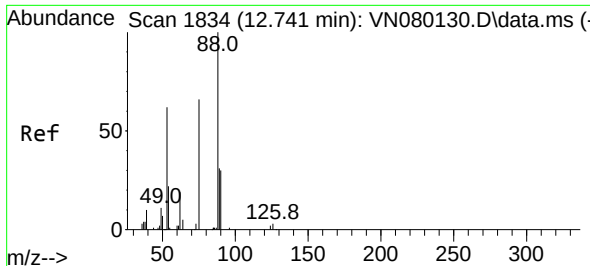


#80
1,3,5-Trimethylbenzene
Concen: 51.634 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02



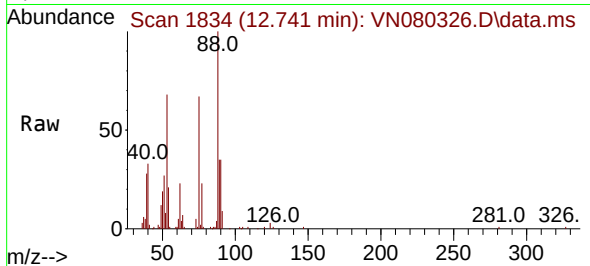
Tgt Ion:105 Resp: 539890
Ion Ratio Lower Upper
105 100
120 44.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 46.259 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



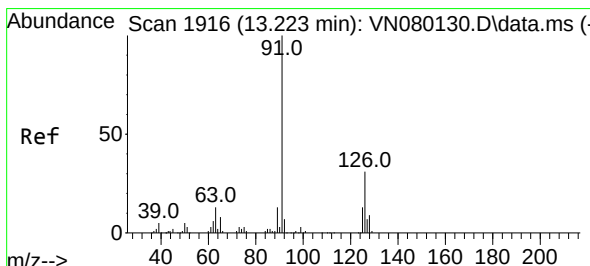
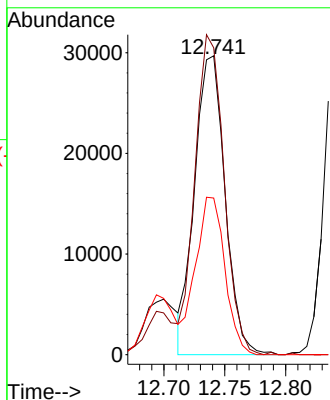
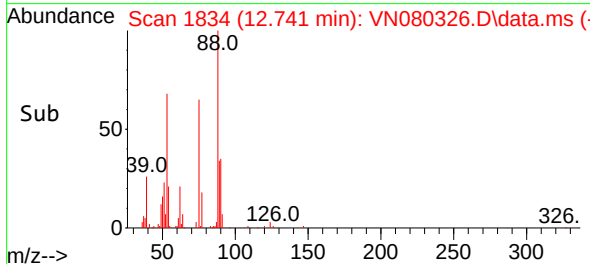
Tgt Ion: 75 Resp: 51850
Ion Ratio Lower Upper
75 100
53 102.2 67.4 101.2
89 51.2 38.8 58.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

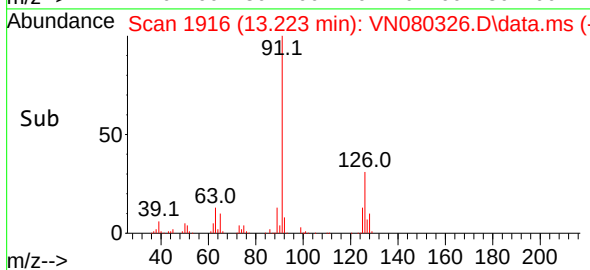
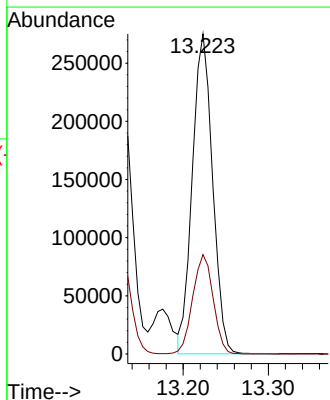
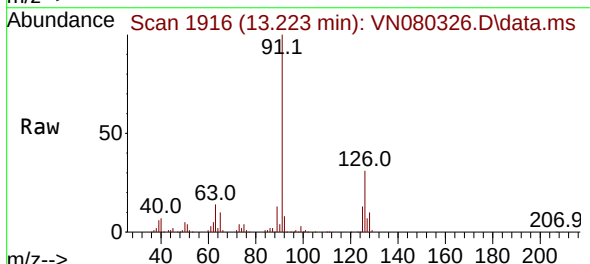
12/05/2023
Supervised By :Mahesh
Dadoda

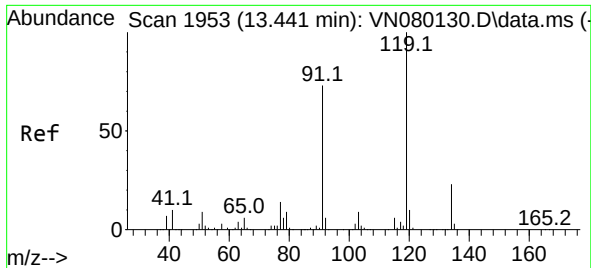
12/05/2023



#82
4-Chlorotoluene
Concen: 50.653 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

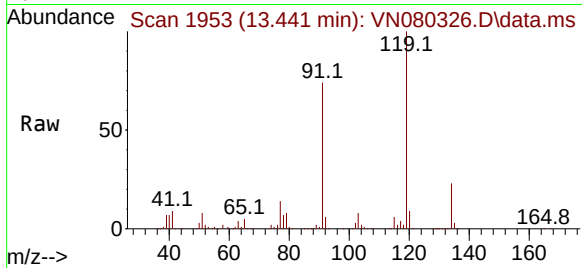
Tgt Ion: 91 Resp: 452692
Ion Ratio Lower Upper
91 100
126 31.5 16.7 50.0





#83
tert-Butylbenzene
Concen: 50.010 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



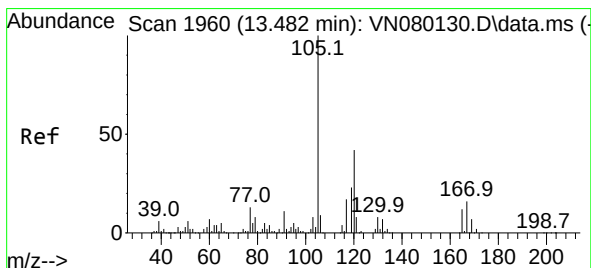
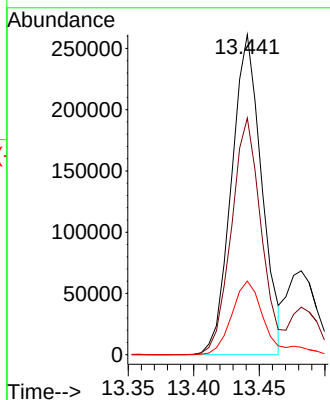
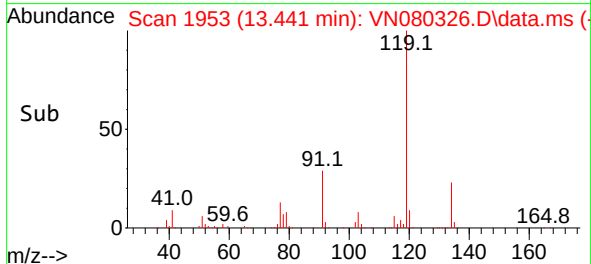
Tgt Ion:119 Resp: 419330
Ion Ratio Lower Upper
119 100
91 74.0 33.9 101.7
134 25.2 13.2 39.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

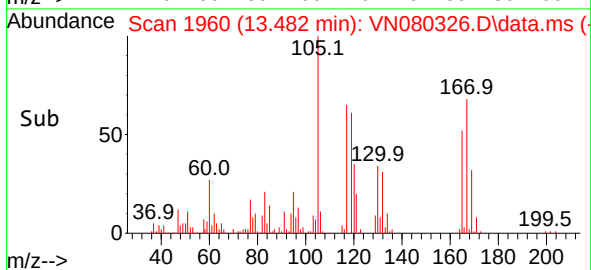
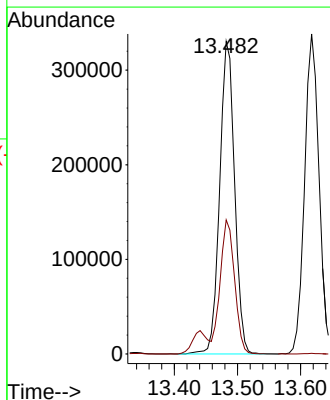
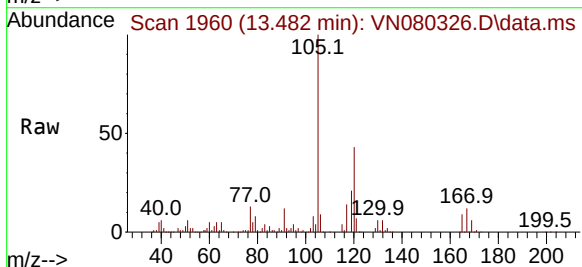
12/05/2023
Supervised By :Mahesh
Dadoda

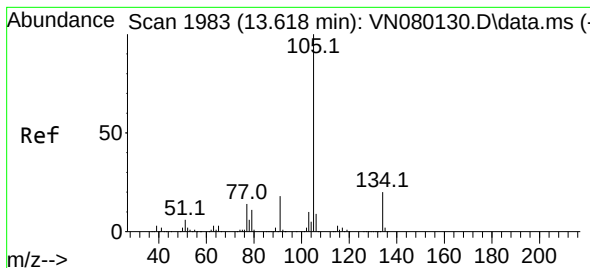
12/05/2023



#84
1,2,4-Trimethylbenzene
Concen: 52.577 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Tgt Ion:105 Resp: 541330
Ion Ratio Lower Upper
105 100
120 41.3 22.0 66.0





#85

sec-Butylbenzene

Concen: 50.353 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN080326.D

Acq: 04 Dec 2023 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 534110

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John

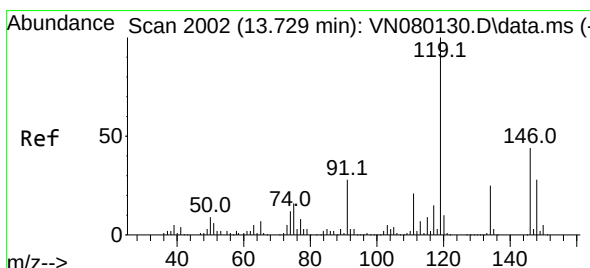
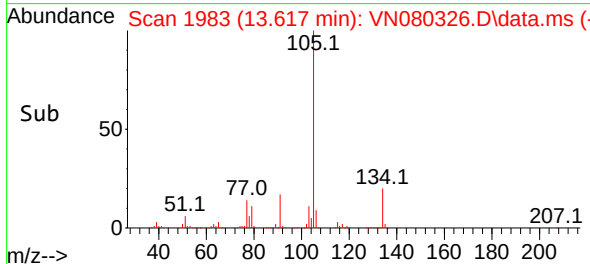
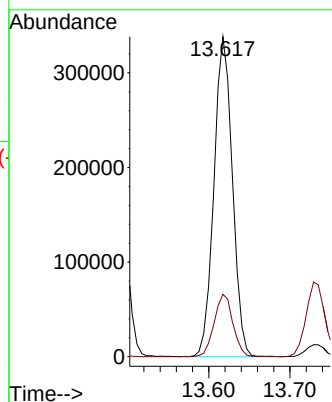
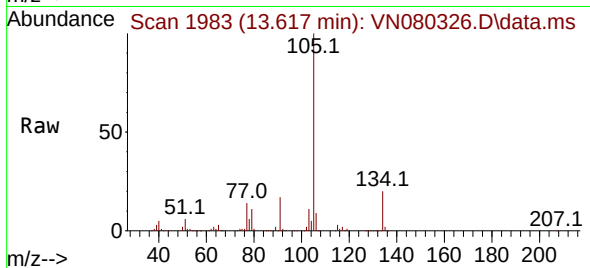
Carlone

12/05/2023

Supervised By :Mahesh

Dadoda

12/05/2023



#86

p-Isopropyltoluene

Concen: 51.973 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN080326.D

Acq: 04 Dec 2023 10:02

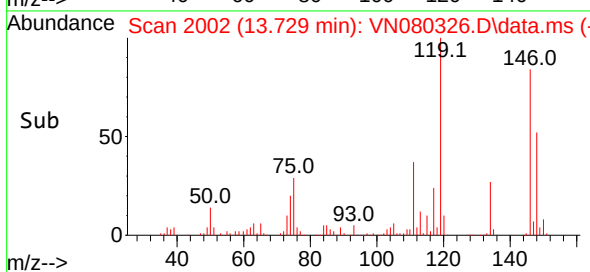
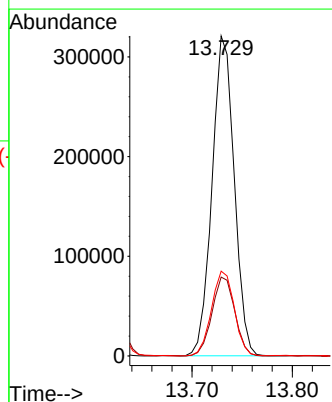
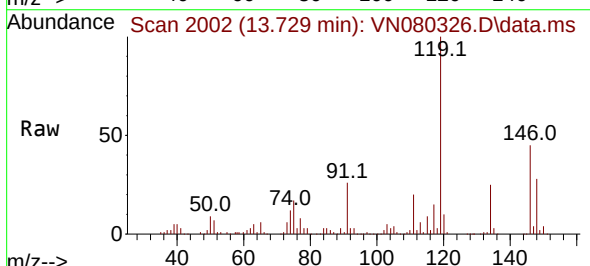
Tgt Ion:119 Resp: 492470

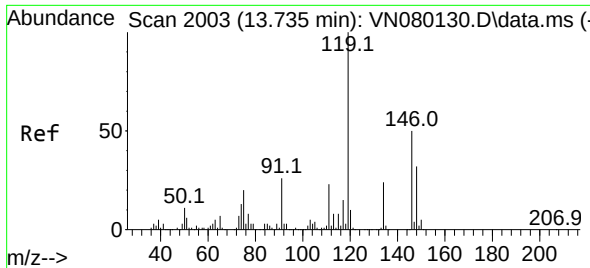
Ion Ratio Lower Upper

119 100

134 25.4 12.6 37.8

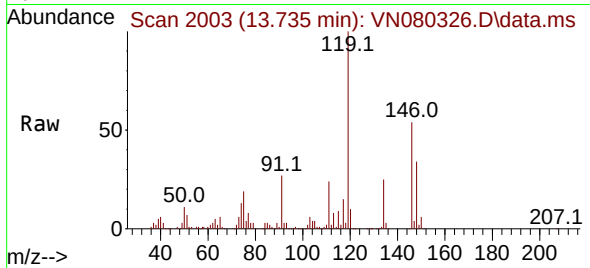
91 27.1 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 49.255 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



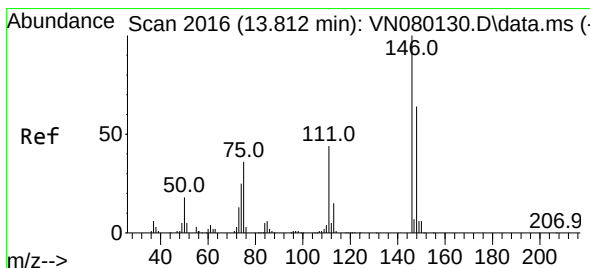
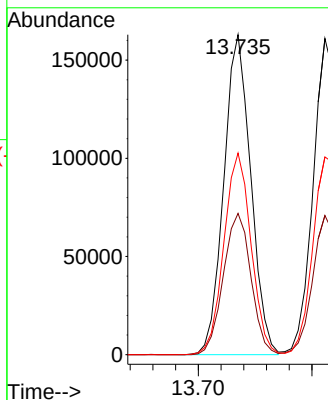
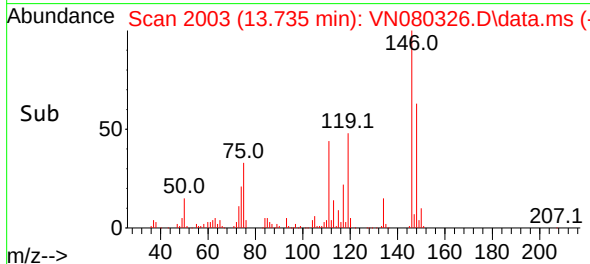
Tgt Ion:146 Resp: 268740
Ion Ratio Lower Upper
146 100
111 45.2 22.1 66.3
148 63.6 32.0 96.0

Manual Integrations
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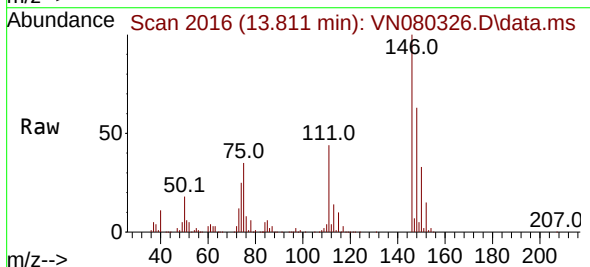
Reviewed By :John
Carlone

12/05/2023
Supervised By :Mahesh
Dadoda

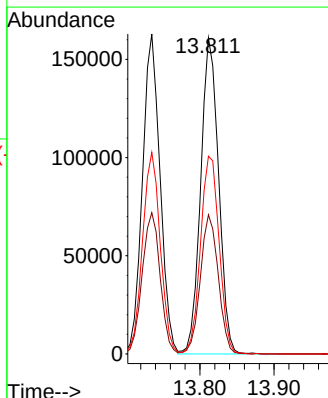
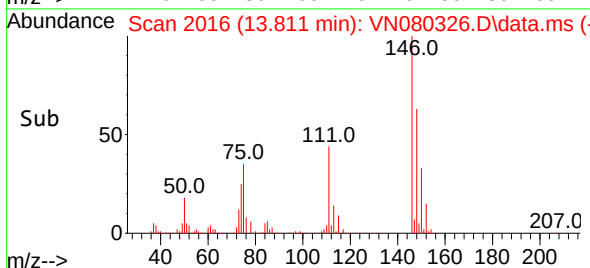
12/05/2023

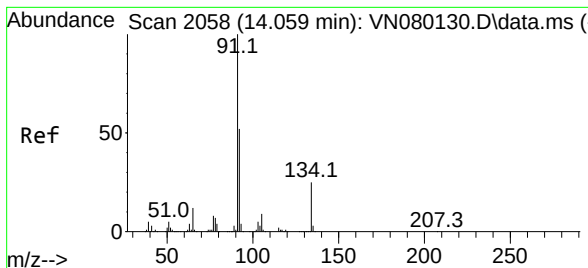


#88
1,4-Dichlorobenzene
Concen: 49.343 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02



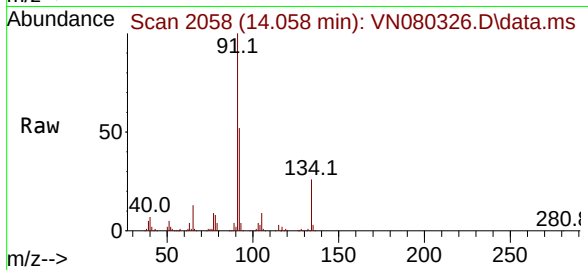
Tgt Ion:146 Resp: 270556
Ion Ratio Lower Upper
146 100
111 44.2 20.6 61.8
148 65.0 31.6 94.8





#89
n-Butylbenzene
Concen: 49.898 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



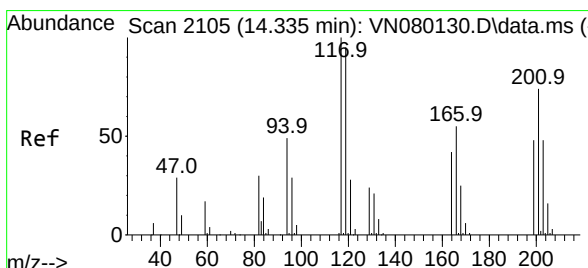
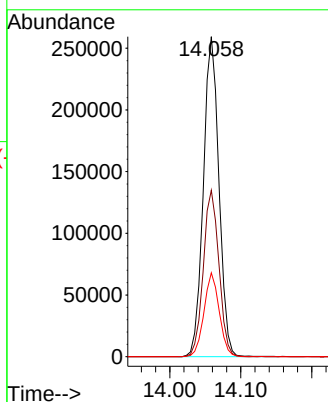
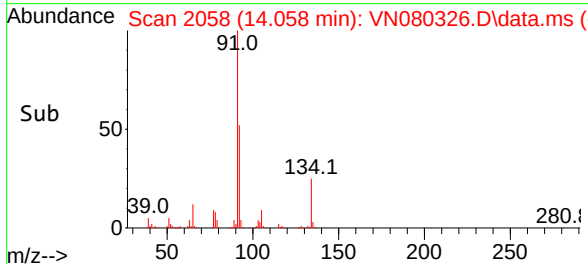
Tgt Ion: 91 Resp: 39574
Ion Ratio Lower Upper
91 100
92 52.1 26.4 79.0
134 25.7 12.6 37.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

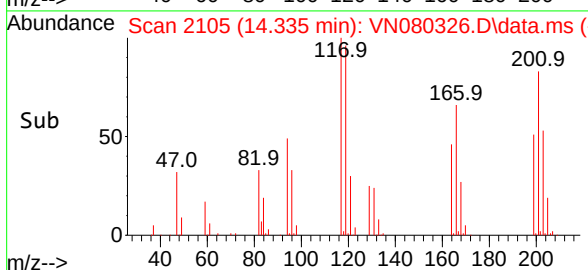
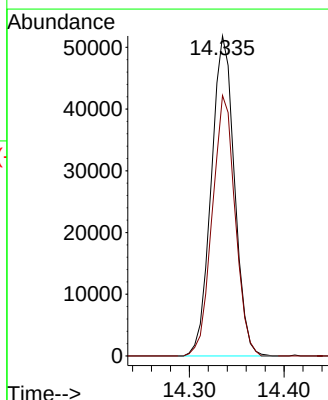
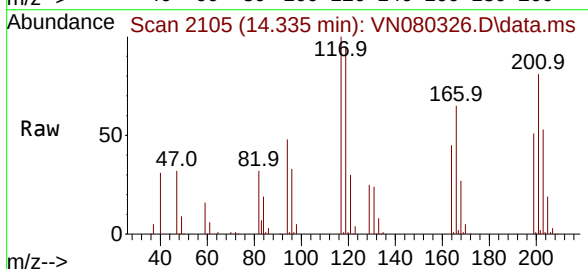
12/05/2023
Supervised By :Mahesh
Dadoda

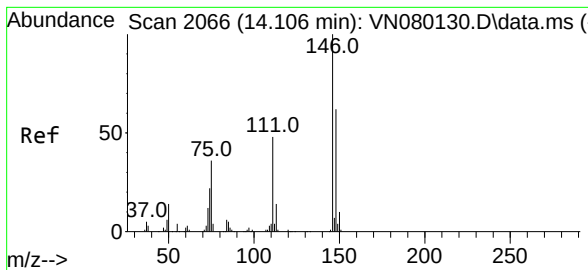
12/05/2023



#90
Hexachloroethane
Concen: 47.732 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

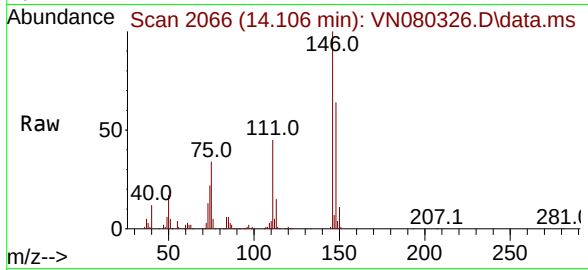
Tgt Ion:117 Resp: 88174
Ion Ratio Lower Upper
117 100
201 80.4 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 49.405 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



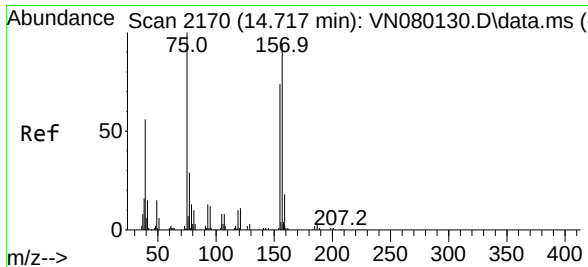
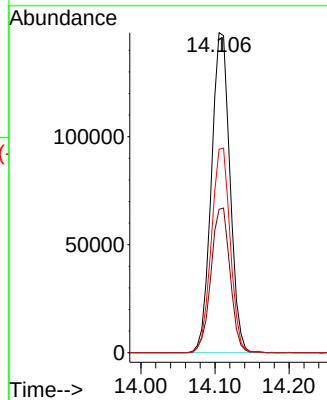
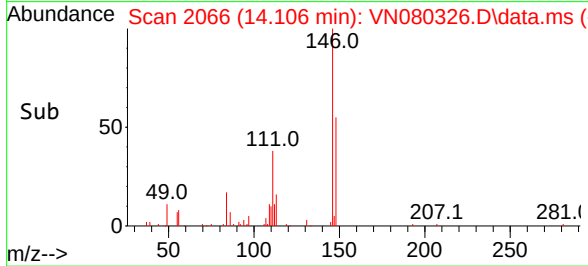
Tgt Ion:146 Resp: 25795
Ion Ratio Lower Upper
146 100
111 46.5 22.0 66.0
148 64.8 31.8 95.3

Manual Integrations
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Reviewed By :John
Carlone

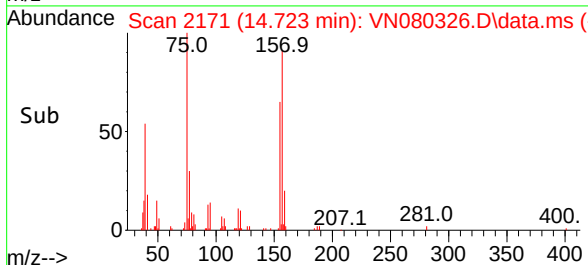
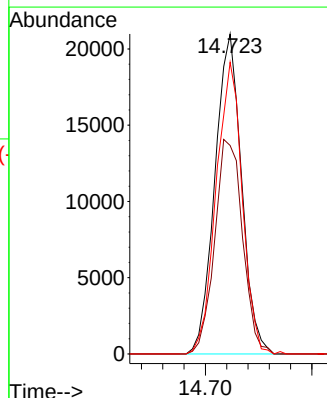
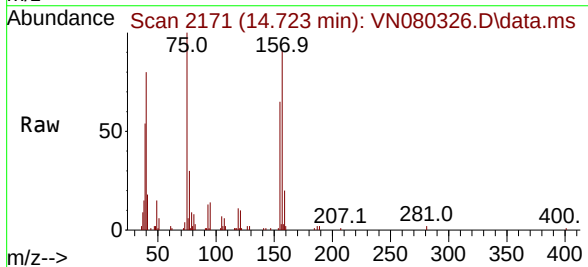
12/05/2023
Supervised By :Mahesh
Dadoda

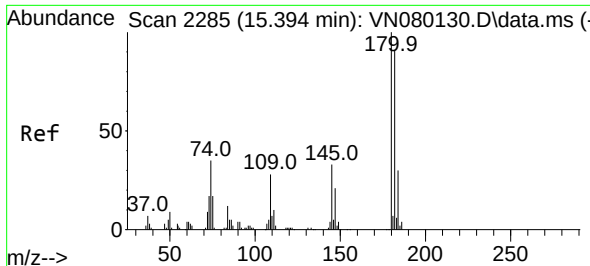
12/05/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.575 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Tgt Ion: 75 Resp: 36387
Ion Ratio Lower Upper
75 100
155 70.1 39.1 117.2
157 89.2 50.3 150.9





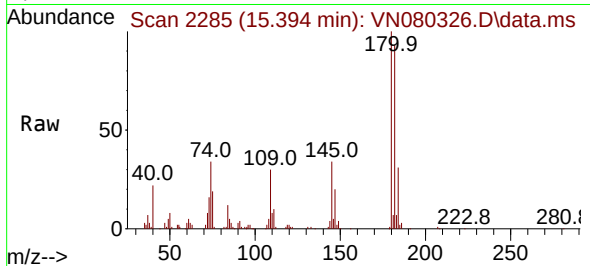
#93
1,2,4-Trichlorobenzene
Concen: 43.587 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:180 Resp: 13236
Ion Ratio Lower Upper
180 100
182 94.6 46.1 138.2
145 33.7 16.6 49.8

Manual Integrations

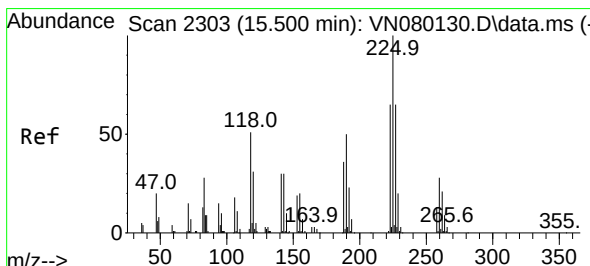
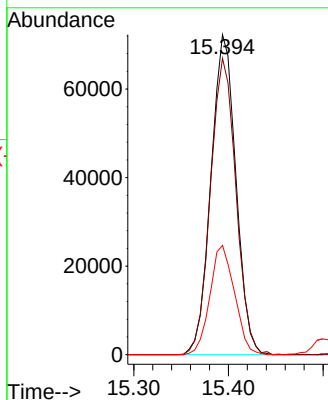
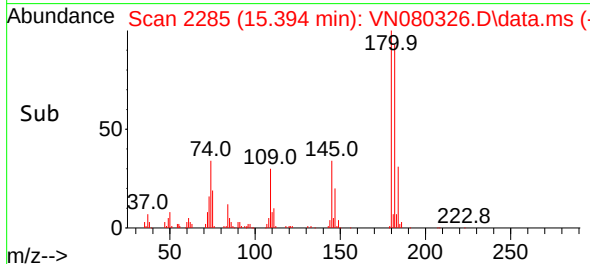
APPROVED

Reviewed By :John
Carlone

12/05/2023

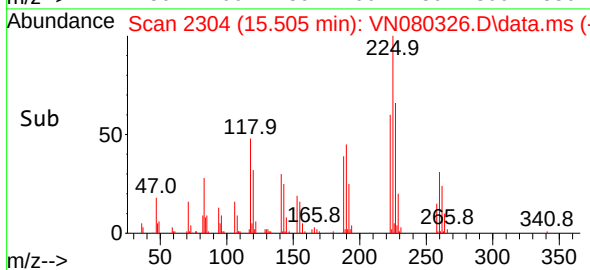
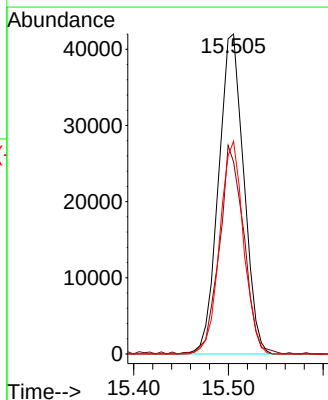
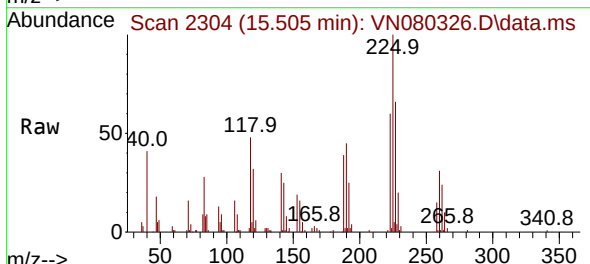
Supervised By :Mahesh
Dadoda

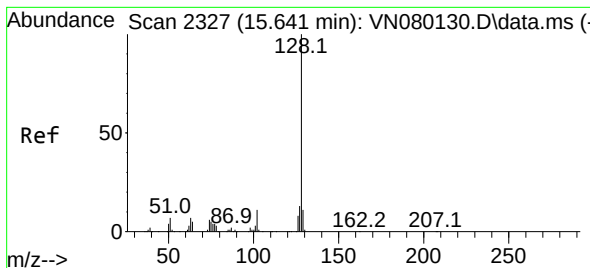
12/05/2023



#94
Hexachlorobutadiene
Concen: 44.494 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. 0.005 min
Lab File: VN080326.D
Acq: 04 Dec 2023 10:02

Tgt Ion:225 Resp: 77755
Ion Ratio Lower Upper
225 100
223 63.1 31.3 93.8
227 62.9 31.9 95.9





#95

Naphthalene

Concen: 39.862 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN080326.D

Acq: 04 Dec 2023 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:	128	Resp:	351029
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.0	15.0
129	10.9	8.7	13.1

Manual Integrations

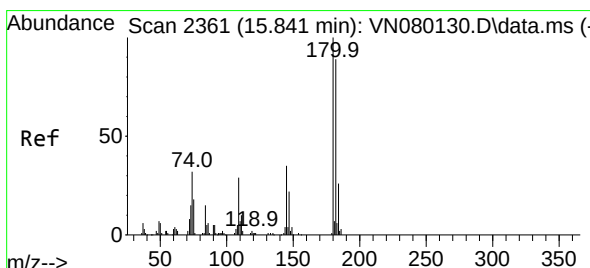
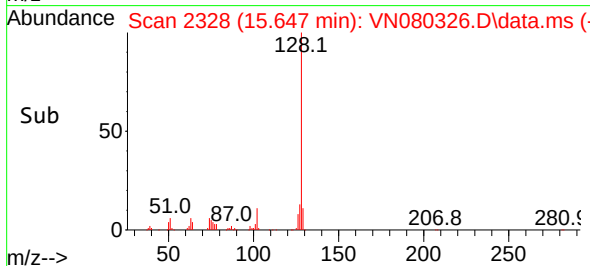
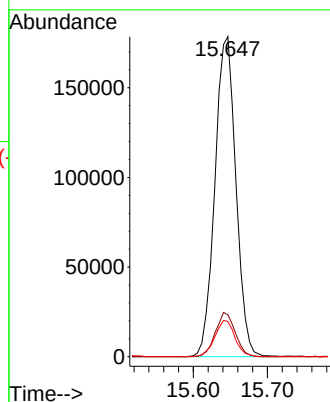
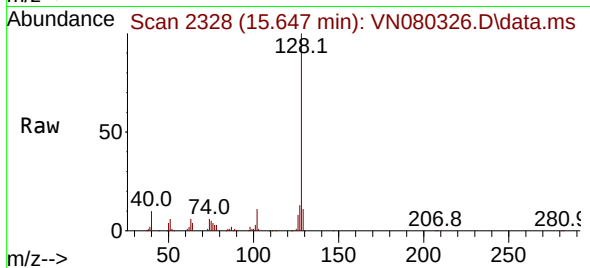
APPROVED

Reviewed By :John
Carlone

12/05/2023

Supervised By :Mahesh
Dadoda

12/05/2023



#96

1,2,3-Trichlorobenzene

Concen: 42.890 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN080326.D

Acq: 04 Dec 2023 10:02

Tgt Ion:	180	Resp:	122079
Ion Ratio	Lower	Upper	
180	100		
182	97.2	46.2	138.6
145	36.6	17.5	52.6

