

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011224\
 Data File : VN080694.D
 Acq On : 12 Jan 2024 16:55
 Operator : JC\MD
 Sample : VN0112WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0112WBS02

Quant Time: Jan 12 22:15:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

01/15/2024
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	168028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	331690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	285541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	104341	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	123354	41.804	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.600%
35) Dibromofluoromethane	8.165	113	90305	47.918	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.840%
50) Toluene-d8	10.571	98	364041	50.660	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.320%
62) 4-Bromofluorobenzene	12.847	95	128966	46.800	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.600%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	44164	16.178	ug/l	95
3) Chloromethane	2.365	50	64897	20.961	ug/l	98
4) Vinyl Chloride	2.512	62	46295	18.692	ug/l	100
5) Bromomethane	2.953	94	16907	17.960	ug/l	89
6) Chloroethane	3.118	64	24641	18.343	ug/l	98
7) Trichlorofluoromethane	3.495	101	65242	15.951	ug/l	97
8) Diethyl Ether	3.959	74	30170	16.878	ug/l	61
9) 1,1,2-Trichlorotrifluo...	4.371	101	40437	18.139	ug/l	93
10) Methyl Iodide	4.589	142	32073	17.206	ug/l	94
11) Tert butyl alcohol	5.512	59	40070	80.296	ug/l #	94
12) 1,1-Dichloroethene	4.342	96	41862	16.687	ug/l #	80
13) Acrolein	4.177	56	37537	90.025	ug/l	96
14) Allyl chloride	5.018	41	86287	17.351	ug/l #	87
15) Acrylonitrile	5.718	53	112816	86.573	ug/l	98
16) Acetone	4.424	43	76140	78.596	ug/l	98
17) Carbon Disulfide	4.712	76	127585	16.628	ug/l	100
18) Methyl Acetate	5.024	43	51892	17.988	ug/l #	81
19) Methyl tert-butyl Ether	5.794	73	147079	17.014	ug/l	98
20) Methylene Chloride	5.277	84	49339	17.446	ug/l #	70
21) trans-1,2-Dichloroethene	5.794	96	45310	17.806	ug/l	96
22) Diisopropyl ether	6.671	45	174780	18.638	ug/l #	91
23) Vinyl Acetate	6.600	43	680351	89.139	ug/l #	82
24) 1,1-Dichloroethane	6.559	63	93834	18.280	ug/l	96
25) 2-Butanone	7.483	43	138656	79.182	ug/l #	78
26) 2,2-Dichloropropane	7.494	77	77407	17.242	ug/l	95
27) cis-1,2-Dichloroethene	7.488	96	51974	18.528	ug/l	80
28) Bromochloromethane	7.812	49	45389	18.914	ug/l #	62
29) Tetrahydrofuran	7.835	42	102306	86.680	ug/l #	71
30) Chloroform	7.965	83	83980	17.451	ug/l	98
31) Cyclohexane	8.253	56	82301	18.053	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	71863	16.776	ug/l #	92
36) 1,1-Dichloropropene	8.377	75	66069	17.114	ug/l	94
37) Ethyl Acetate	7.559	43	65045	17.376	ug/l #	87
38) Carbon Tetrachloride	8.359	117	55810	16.101	ug/l	96
39) Methylcyclohexane	9.600	83	70766	19.155	ug/l #	83
40) Benzene	8.606	78	199190	18.354	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	41259m	19.001	ug/l	
42) 1,2-Dichloroethane	8.671	62	68015	16.371	ug/l	98
43) Isopropyl Acetate	8.688	43	122984	17.873	ug/l #	87
44) Trichloroethene	9.353	130	43436	17.680	ug/l	94
45) 1,2-Dichloropropane	9.618	63	51710	17.972	ug/l	95
46) Dibromomethane	9.706	93	31299	17.194	ug/l	96
47) Bromodichloromethane	9.888	83	64840	16.048	ug/l #	96
48) Methyl methacrylate	9.682	41	54181	16.631	ug/l #	76
49) 1,4-Dioxane	9.688	88	13385	329.741	ug/l #	62
51) 4-Methyl-2-Pentanone	10.447	43	316263	85.196	ug/l	88
52) Toluene	10.629	92	119638	19.241	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	77532	17.289	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	82748	17.400	ug/l #	83
55) 1,1,2-Trichloroethane	11.018	97	44648	18.656	ug/l	95
56) Ethyl methacrylate	10.876	69	75786	17.680	ug/l #	80
57) 1,3-Dichloropropane	11.165	76	82075	18.785	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	191773	93.402	ug/l #	86
59) 2-Hexanone	11.194	43	232914	84.992	ug/l	85
60) Dibromochloromethane	11.359	129	41786	16.988	ug/l	99
61) 1,2-Dibromoethane	11.471	107	42621	18.116	ug/l	99
64) Tetrachloroethene	11.106	164	30907	15.762	ug/l	96
65) Chlorobenzene	11.894	112	112972	18.109	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	37063	16.733	ug/l	92
67) Ethyl Benzene	11.965	91	215546	18.094	ug/l	96
68) m/p-Xylenes	12.071	106	155124	37.040	ug/l	87
69) o-Xylene	12.400	106	80150	19.573	ug/l	95
70) Styrene	12.412	104	131078	18.851	ug/l	98
71) Bromoform	12.582	173	24976	16.390	ug/l #	99
73) Isopropylbenzene	12.700	105	188776	19.026	ug/l	98
74) N-amyl acetate	12.494	43	105202	17.668	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	60796	18.679	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	58634m	18.224	ug/l	
77) Bromobenzene	12.982	156	38237	18.144	ug/l	71
78) n-propylbenzene	13.035	91	230070	18.902	ug/l	95
79) 2-Chlorotoluene	13.123	91	139755	17.917	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	157649	19.065	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	23564	17.265	ug/l #	82
82) 4-Chlorotoluene	13.223	91	133948	17.516	ug/l	94
83) tert-Butylbenzene	13.441	119	122221	18.489	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	151671	18.653	ug/l	98
85) sec-Butylbenzene	13.617	105	175387	18.673	ug/l	96
86) p-Isopropyltoluene	13.729	119	135157	18.220	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	68156	18.107	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	68217	17.789	ug/l	97
89) n-Butylbenzene	14.059	91	128279	17.941	ug/l	98
90) Hexachloroethane	14.335	117	24539	17.838	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	66827	18.841	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11940	15.773	ug/l	76
93) 1,2,4-Trichlorobenzene	15.400	180	31249	16.916	ug/l	96
94) Hexachlorobutadiene	15.500	225	13048	14.718	ug/l	93
95) Naphthalene	15.641	128	117835	16.208	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	31726	17.743	ug/l	96

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Quant Title : SW846 8260
QLast Update : Thu Jan 11 06:34:36 2024
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02

Manual Integrations
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Supervised By :Mahesh
Dadoda

01/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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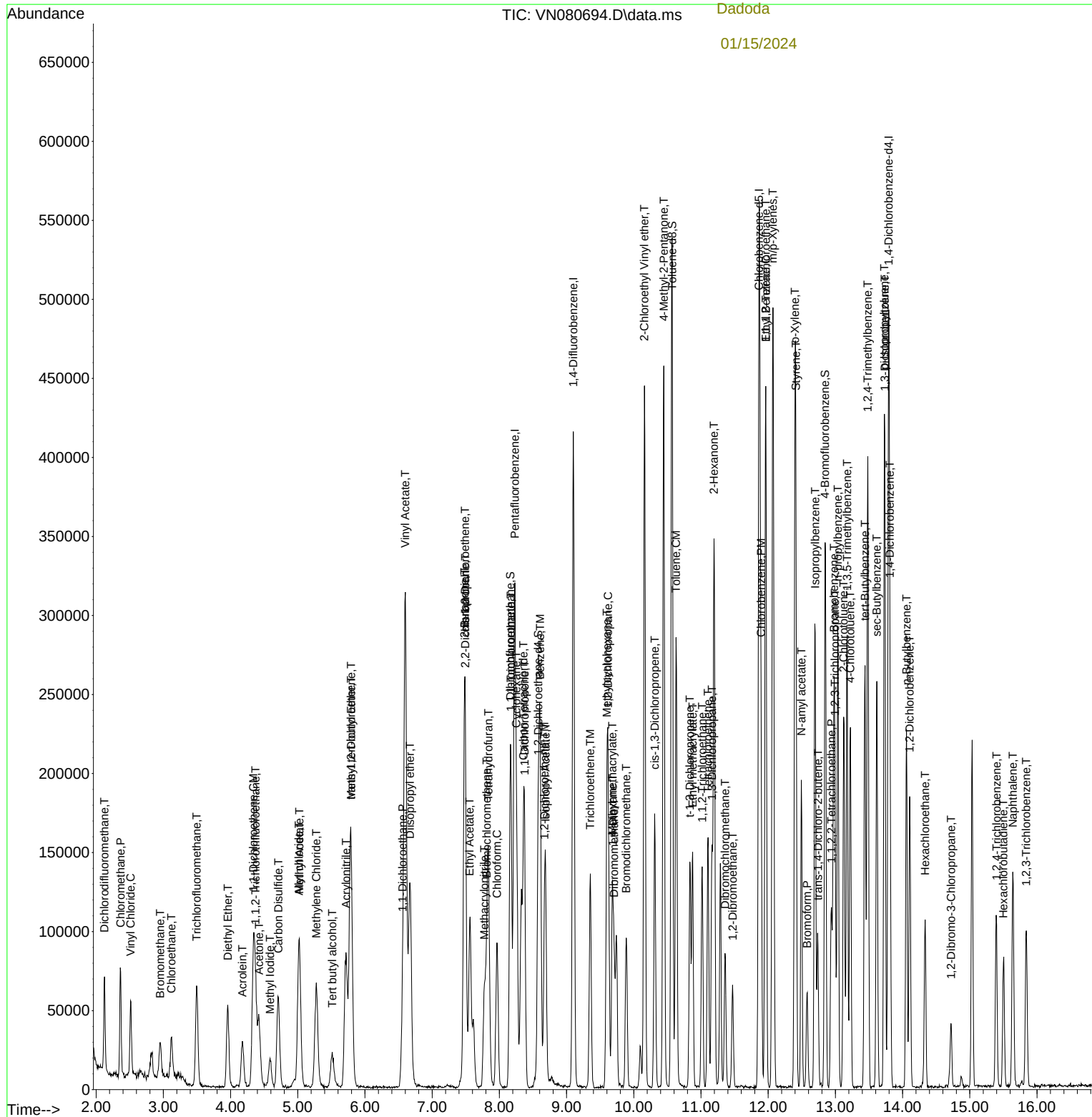
Quant Time: Jan 12 22:15:36 2024
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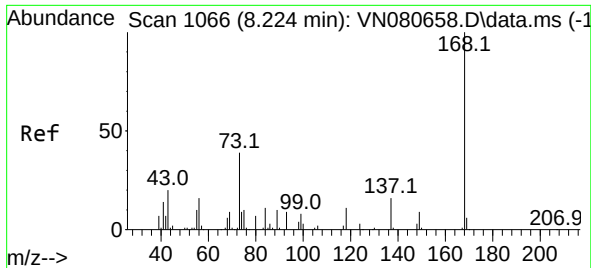
Manual Integrations APPROVED

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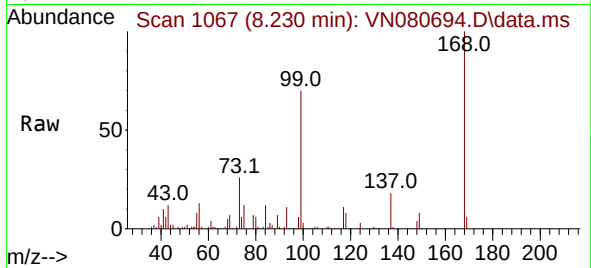
01/15/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080694.D
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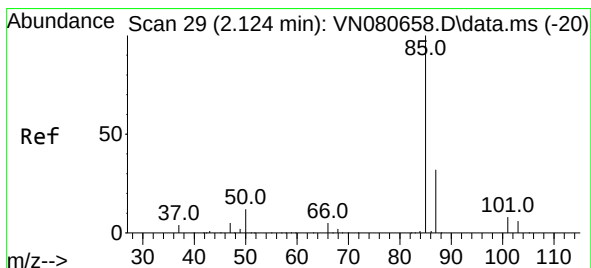
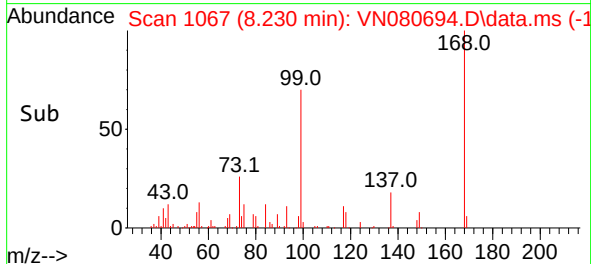
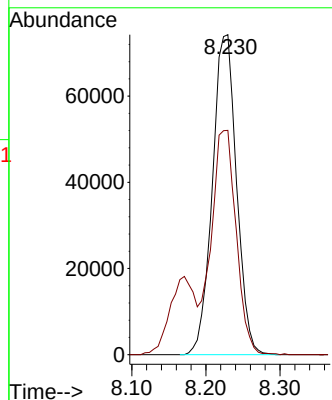
Tgt Ion:168 Resp: 168028
Ion Ratio Lower Upper
168 100
99 70.1 53.0 79.6

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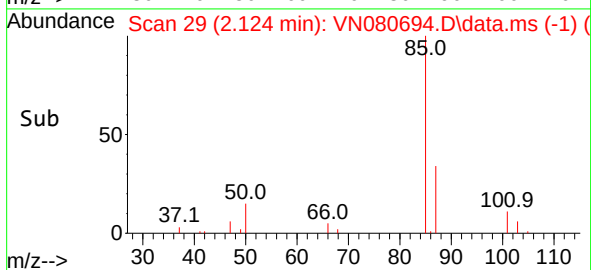
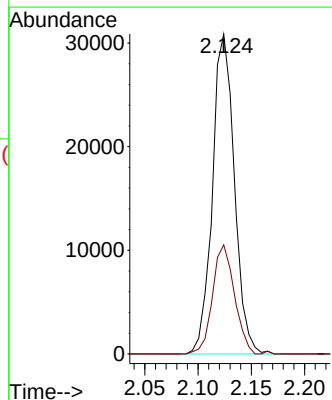
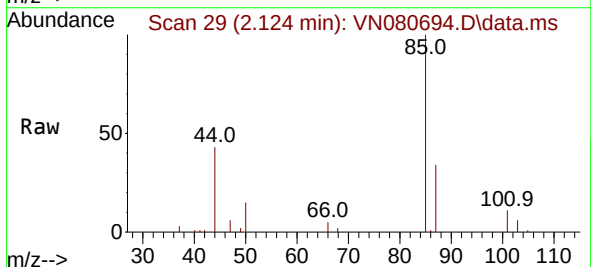
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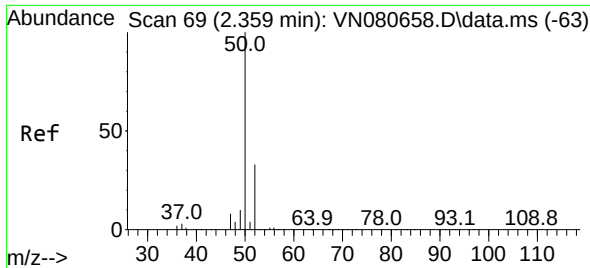
01/15/2024



#2
Dichlorodifluoromethane
Concen: 16.178 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

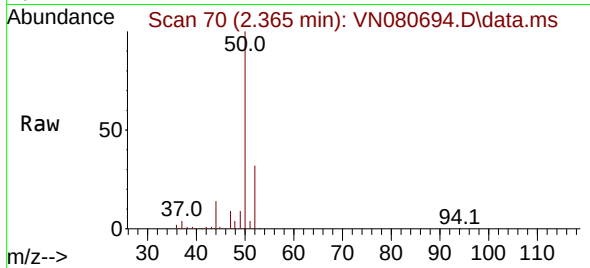
Tgt Ion: 85 Resp: 44164
Ion Ratio Lower Upper
85 100
87 34.1 15.8 47.4





#3
Chloromethane
Concen: 20.961 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



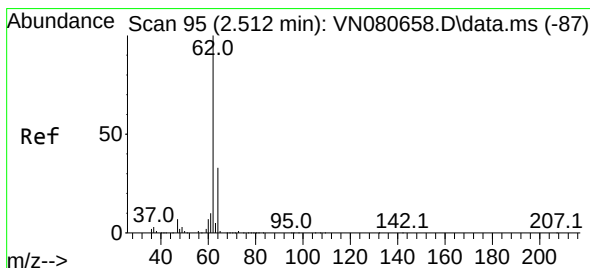
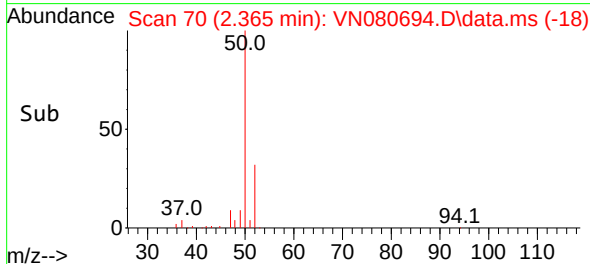
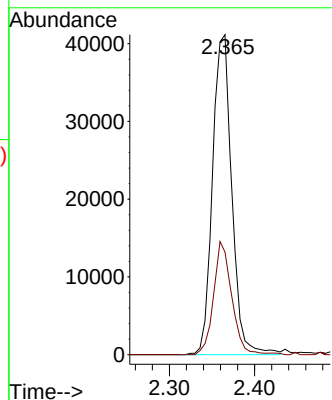
Tgt Ion: 50 Resp: 6489
Ion Ratio Lower Upper
50 100
52 32.1 26.5 39.7

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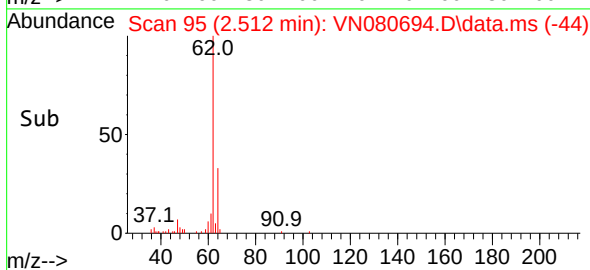
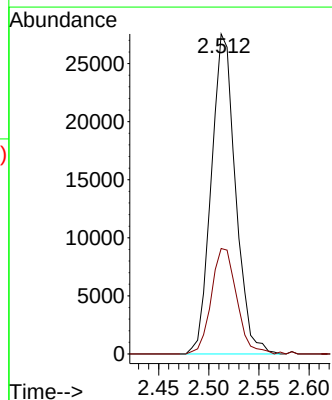
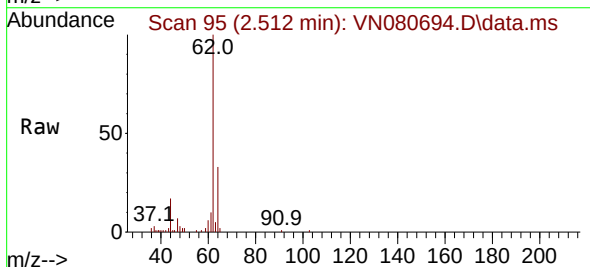
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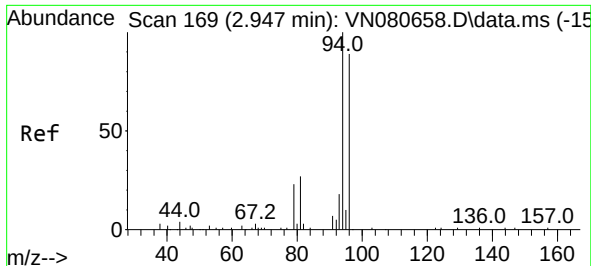
01/15/2024



#4
Vinyl Chloride
Concen: 18.692 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

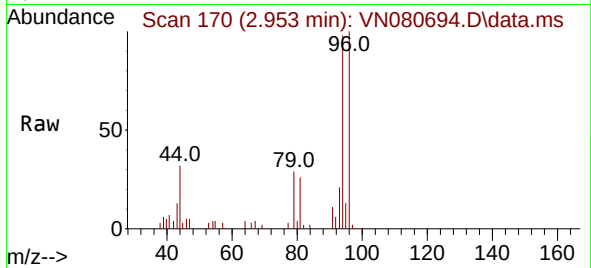
Tgt Ion: 62 Resp: 46295
Ion Ratio Lower Upper
62 100
64 32.9 26.2 39.2





#5
Bromomethane
Concen: 17.960 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080694.D
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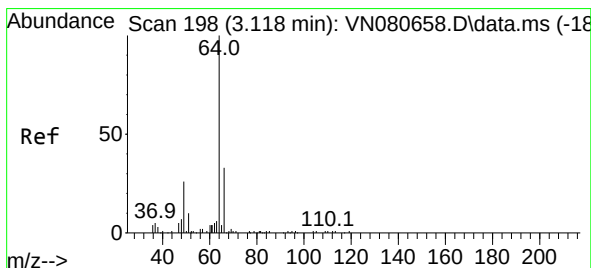
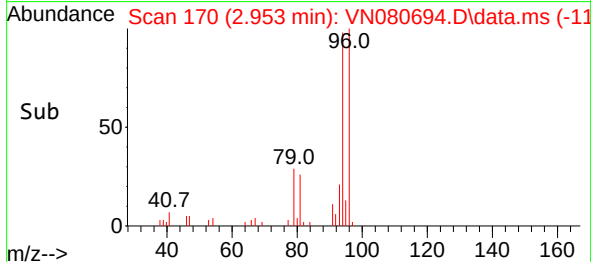
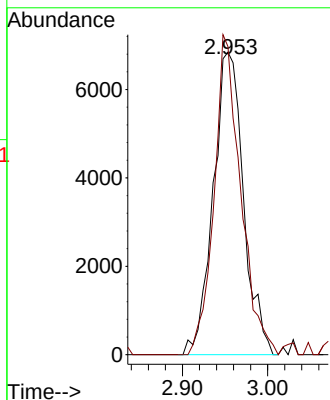
Tgt Ion: 94 Resp: 1690
Ion Ratio Lower Upper
94 100
96 101.9 73.1 109.7

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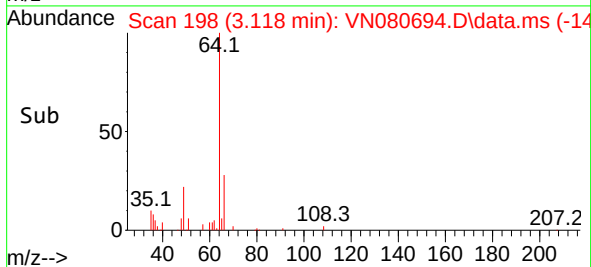
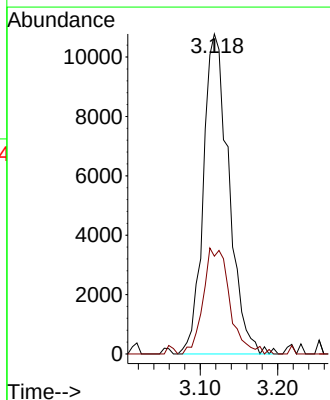
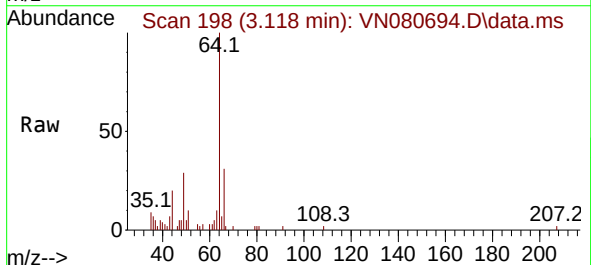
01/15/2024
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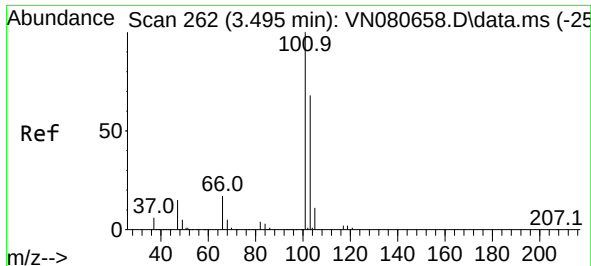
01/15/2024



#6
Chloroethane
Concen: 18.343 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

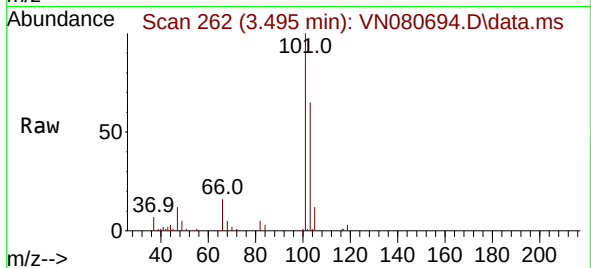
Tgt Ion: 64 Resp: 24641
Ion Ratio Lower Upper
64 100
66 30.5 25.4 38.2





#7
Trichlorofluoromethane
Concen: 15.951 ug/l
RT: 3.495 min Scan# 262
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Instrument :
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ClientSampleId :
VN0112WBS02



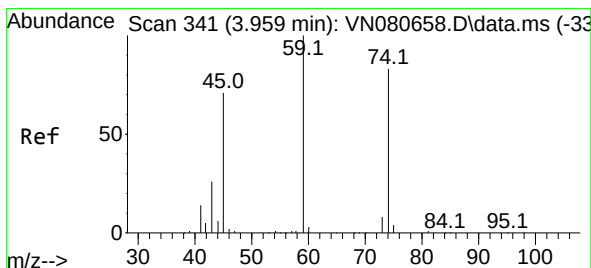
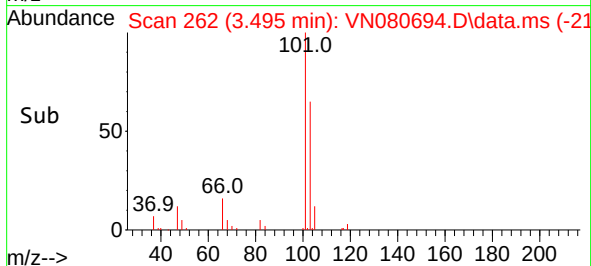
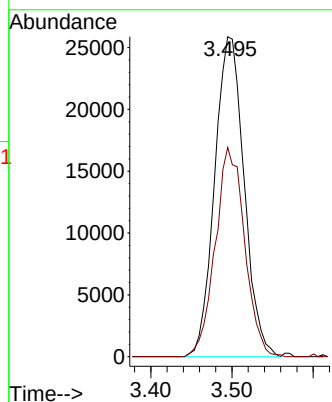
Tgt Ion:101 Resp: 6524
Ion Ratio Lower Upper
101 100
103 65.4 50.7 76.1

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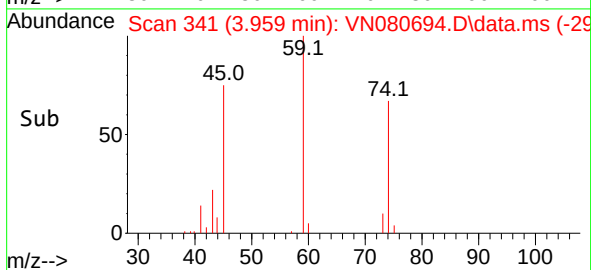
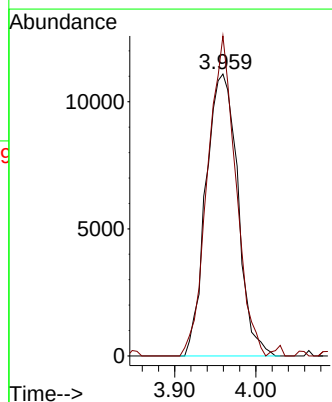
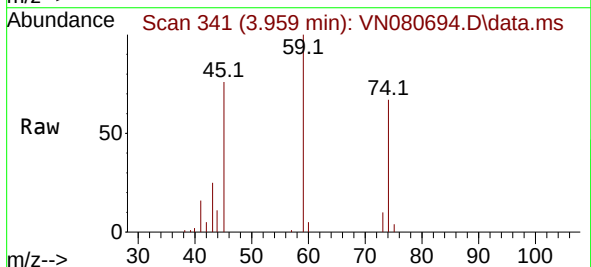
01/15/2024
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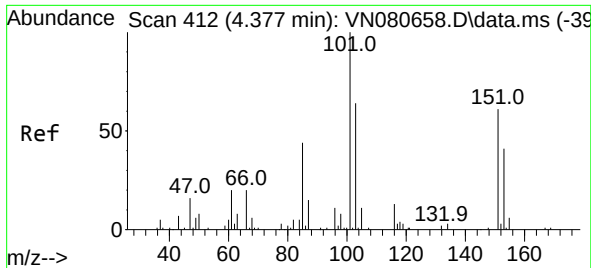
01/15/2024



#8
Diethyl Ether
Concen: 16.878 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Tgt Ion: 74 Resp: 30170
Ion Ratio Lower Upper
74 100
45 100.9 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.139 ug/l
RT: 4.371 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02

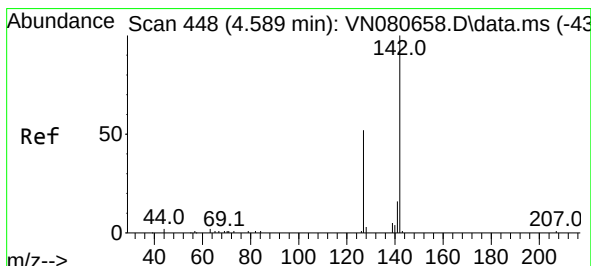
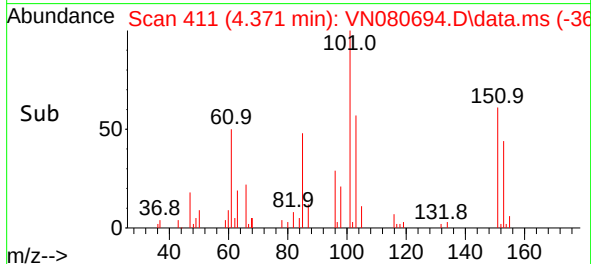
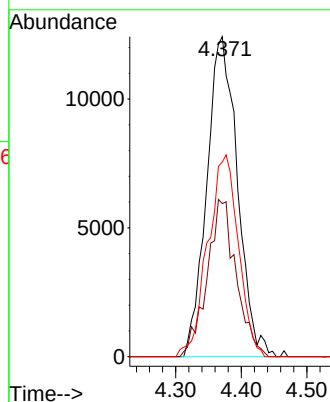
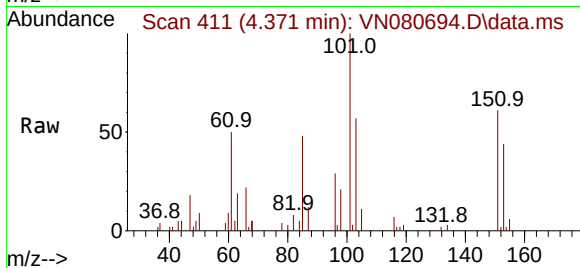
Tgt Ion:101 Resp: 4043
Ion Ratio Lower Upper
101 100
85 46.4 36.6 55.0
151 62.6 57.6 86.4

Manual Integrations
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Reviewed By :John
Carlone

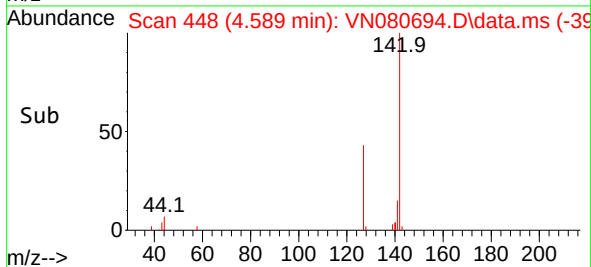
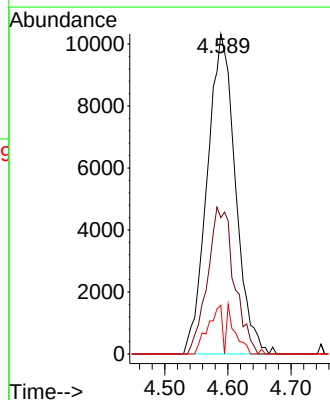
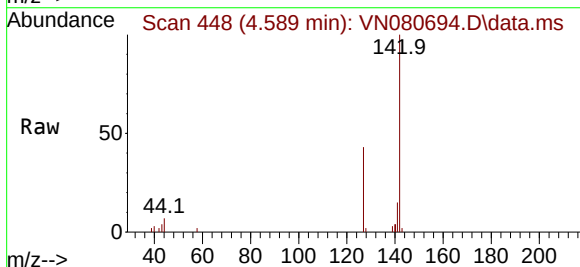
01/15/2024
Supervised By :Mahesh
Dadoda

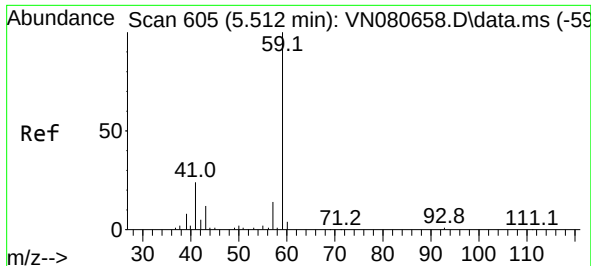
01/15/2024



#10
Methyl Iodide
Concen: 17.206 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

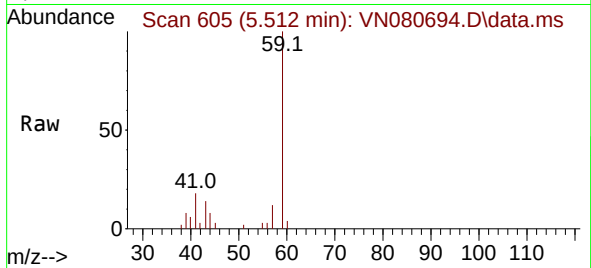
Tgt Ion:142 Resp: 32073
Ion Ratio Lower Upper
142 100
127 42.6 37.6 56.4
141 15.2 11.4 17.0





#11
Tert butyl alcohol
Concen: 80.296 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



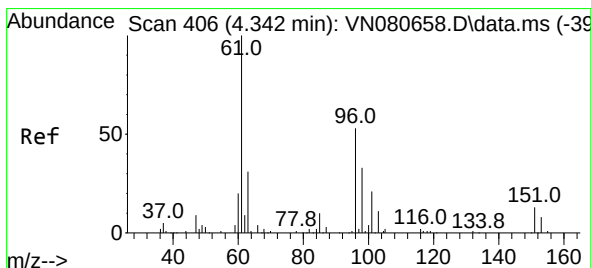
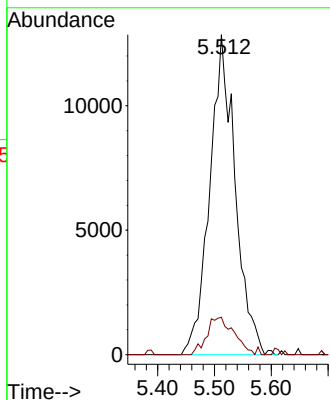
Tgt Ion: 59 Resp: 40070
Ion Ratio Lower Upper
59 100
57 12.4 8.2 12.4

Manual Integrations
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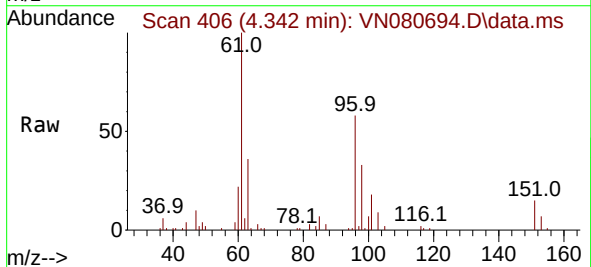
Reviewed By :John
Carlone

01/15/2024
Supervised By :Mahesh
Dadoda

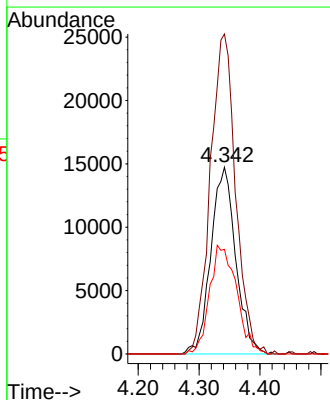
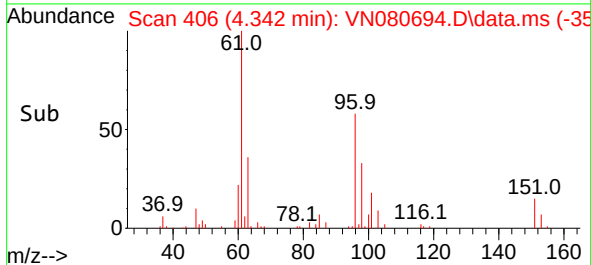
01/15/2024

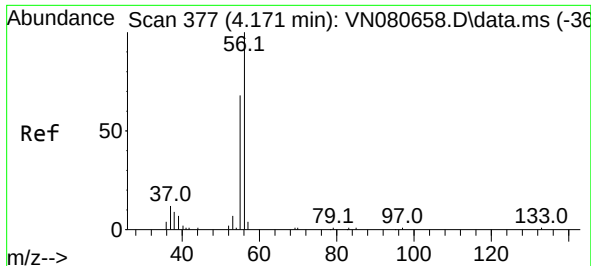


#12
1,1-Dichloroethene
Concen: 16.687 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55



Tgt Ion: 96 Resp: 41862
Ion Ratio Lower Upper
96 100
61 171.4 112.7 169.1#
98 56.1 51.2 76.8





#13

Acrolein

Concen: 90.025 ug/l

RT: 4.177 min Scan# 377

Delta R.T. 0.006 min

Lab File: VN080694.D

Acq: 12 Jan 2024 16:55

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBS02

Tgt Ion: 56 Resp: 3753

Ion Ratio Lower Upper

56 100

55 71.1 54.5 81.7

Manual Integrations

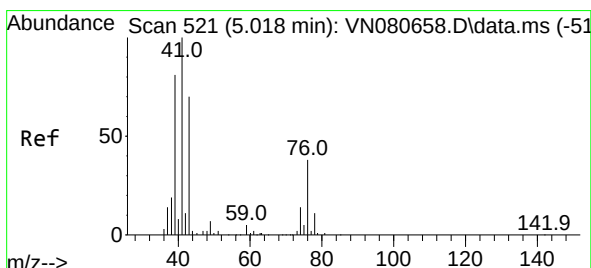
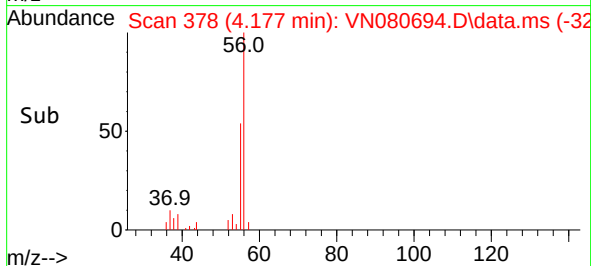
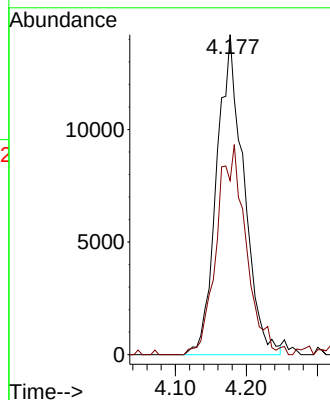
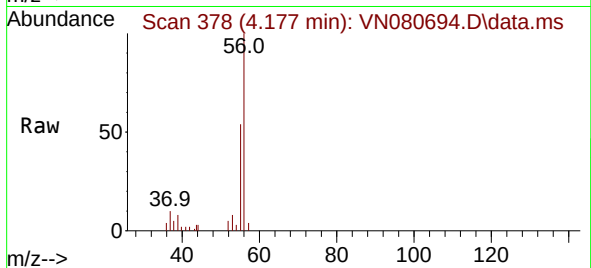
APPROVED

Reviewed By :John
Carlone

01/15/2024

Supervised By :Mahesh
Dadoda

01/15/2024



#14

Allyl chloride

Concen: 17.351 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN080694.D

Acq: 12 Jan 2024 16:55

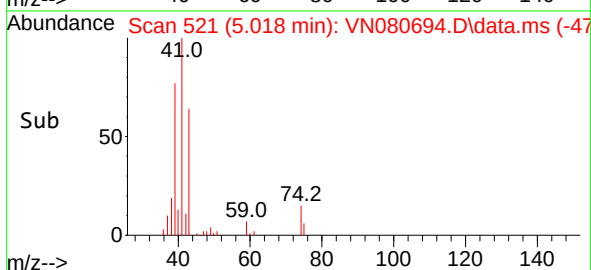
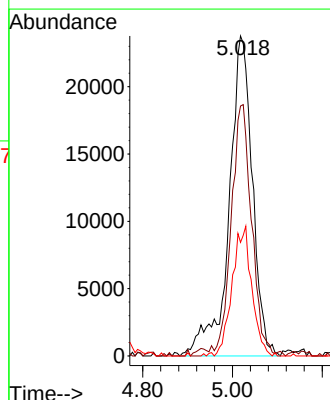
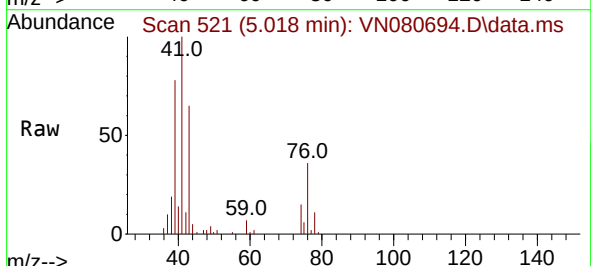
Tgt Ion: 41 Resp: 86287

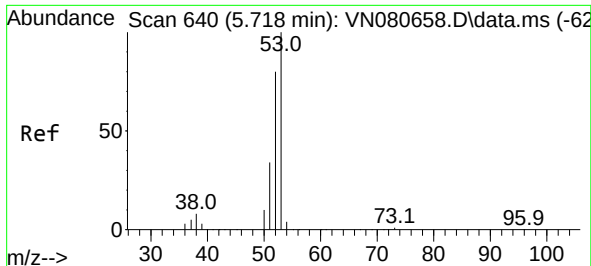
Ion Ratio Lower Upper

41 100

39 67.3 58.8 88.2

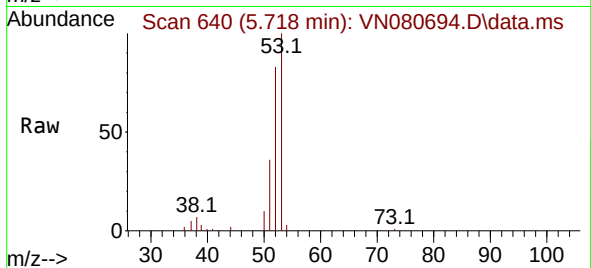
76 34.0 39.1 58.7#





#15
Acrylonitrile
Concen: 86.573 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



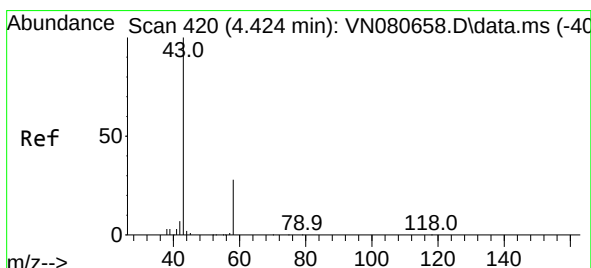
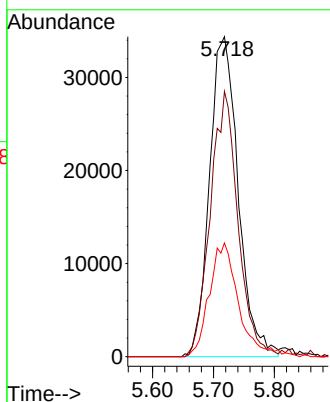
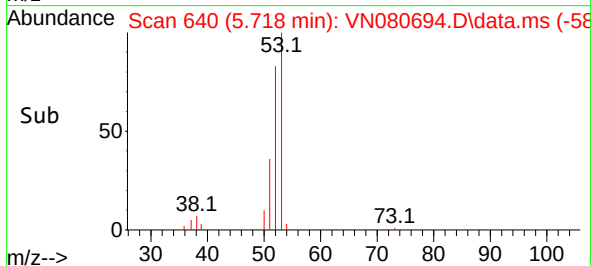
Tgt Ion: 53 Resp: 112810
Ion Ratio Lower Upper
53 100
52 79.5 65.3 97.9
51 36.3 28.9 43.3

Manual Integrations
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Reviewed By :John
Carlone

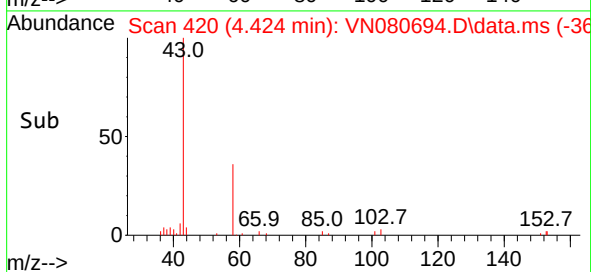
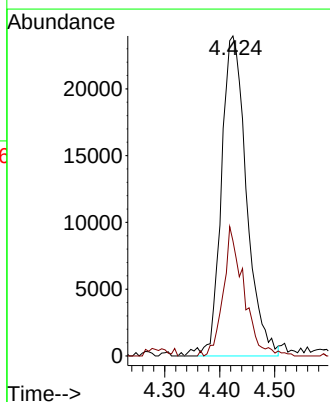
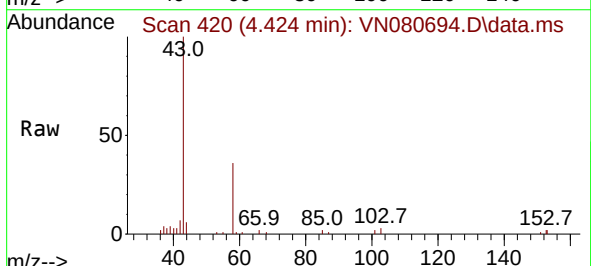
01/15/2024
Supervised By :Mahesh
Dadoda

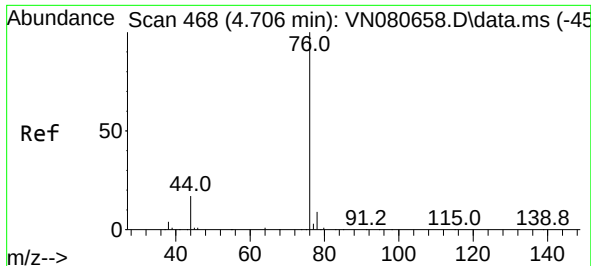
01/15/2024



#16
Acetone
Concen: 78.596 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

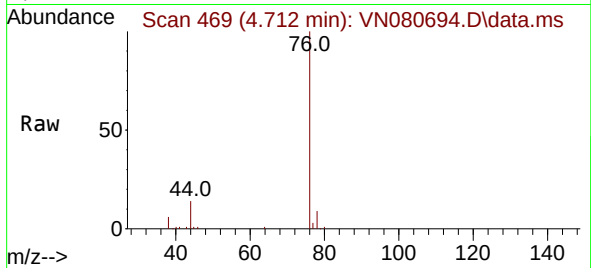
Tgt Ion: 43 Resp: 76140
Ion Ratio Lower Upper
43 100
58 36.0 28.0 42.0





#17
Carbon Disulfide
Concen: 16.628 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



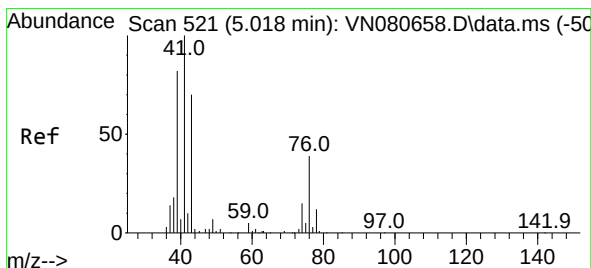
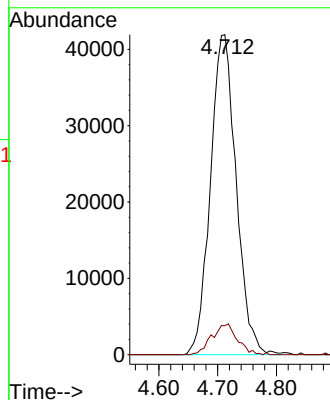
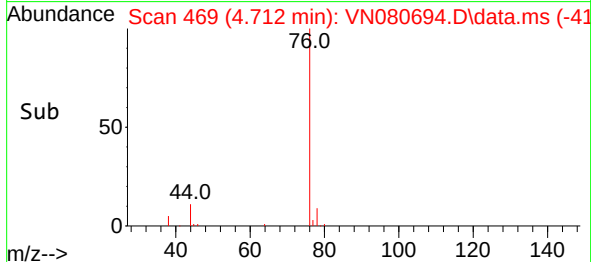
Tgt Ion: 76 Resp: 12758
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

Manual Integrations
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Reviewed By :John
Carlone

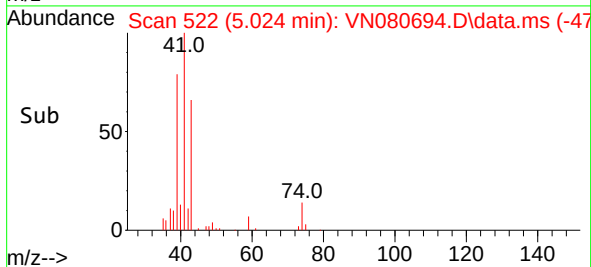
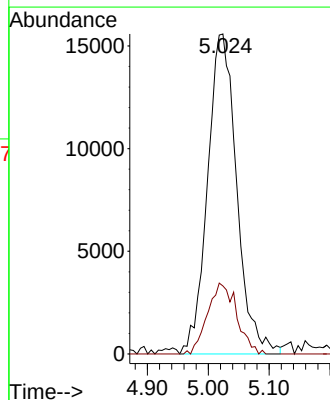
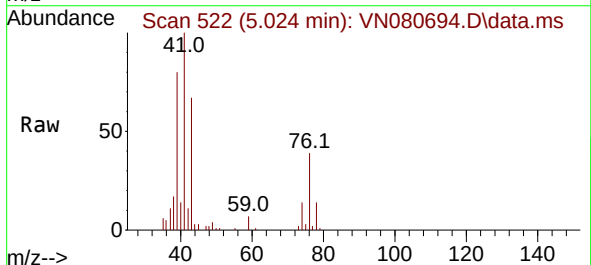
01/15/2024
Supervised By :Mahesh
Dadoda

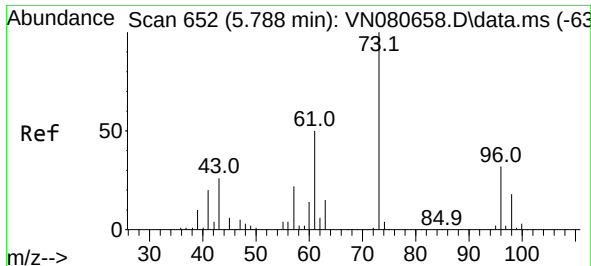
01/15/2024



#18
Methyl Acetate
Concen: 17.988 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Tgt Ion: 43 Resp: 51892
Ion Ratio Lower Upper
43 100
74 22.1 26.2 39.4#





#19
Methyl tert-butyl Ether
Concen: 17.014 ug/l
RT: 5.794 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02

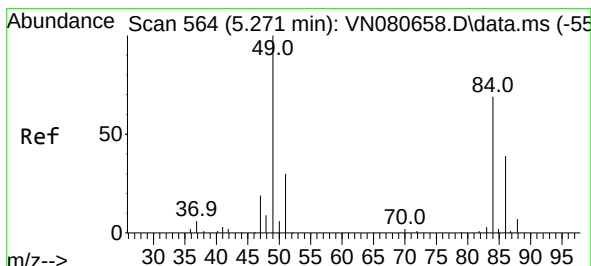
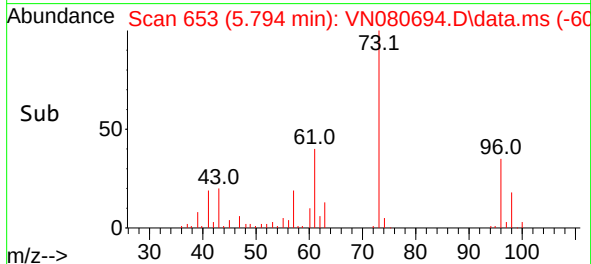
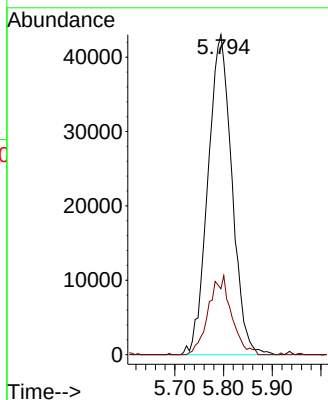
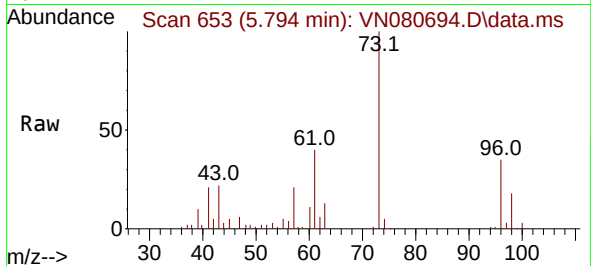
Tgt Ion: 73 Resp: 147079
Ion Ratio Lower Upper
73 100
57 20.6 15.6 23.4

Manual Integrations
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Reviewed By :John
Carlone

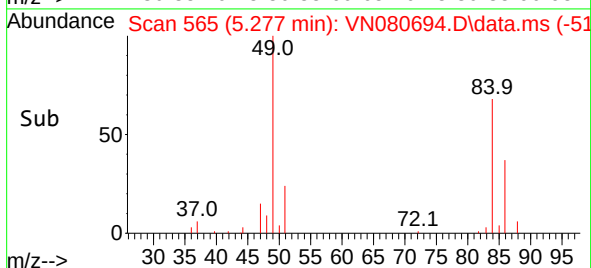
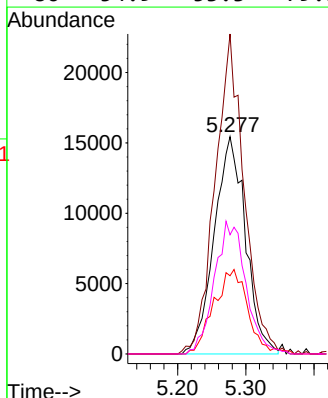
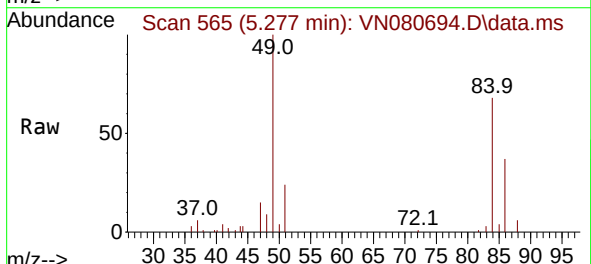
01/15/2024
Supervised By :Mahesh
Dadoda

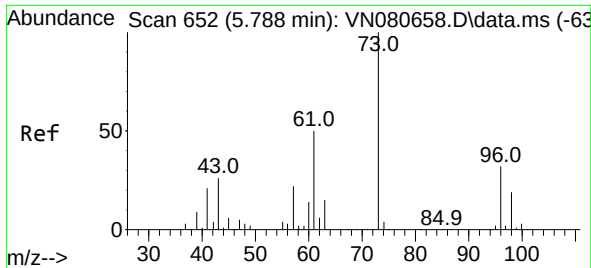
01/15/2024



#20
Methylene Chloride
Concen: 17.446 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

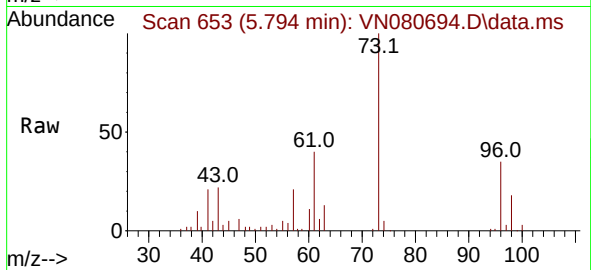
Tgt Ion: 84 Resp: 49339
Ion Ratio Lower Upper
84 100
49 147.3 79.7 119.5#
51 36.0 25.2 37.8
86 54.9 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 17.806 ug/l
RT: 5.794 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



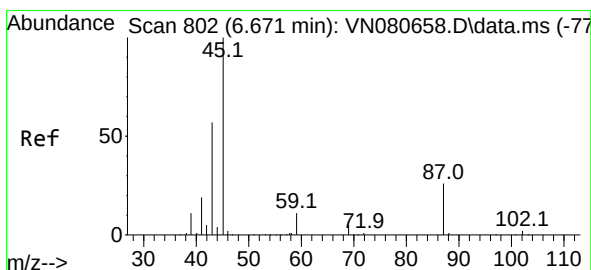
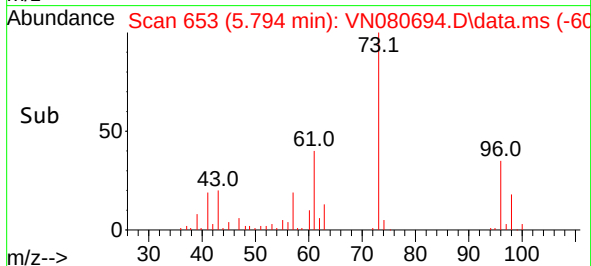
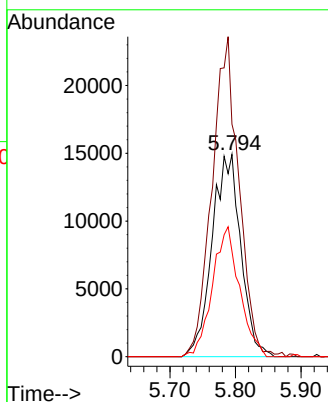
Tgt Ion: 96 Resp: 45310
Ion Ratio Lower Upper
96 100
61 115.0 90.1 135.1
98 52.1 46.4 69.6

Manual Integrations
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Reviewed By :John
Carlone

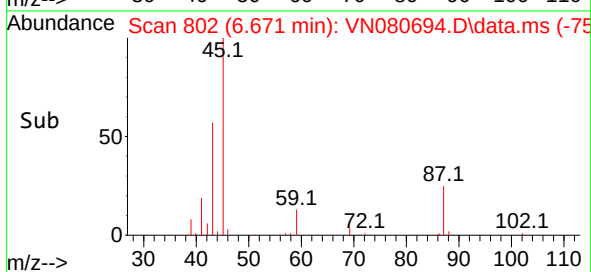
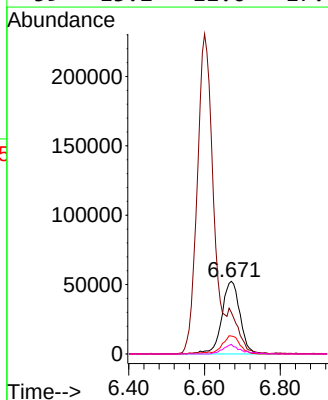
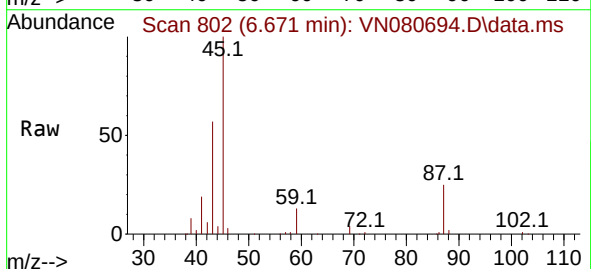
01/15/2024
Supervised By :Mahesh
Dadoda

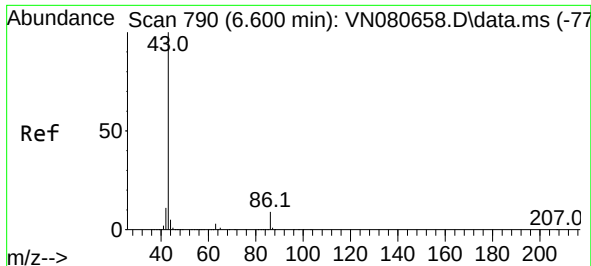
01/15/2024



#22
Diisopropyl ether
Concen: 18.638 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

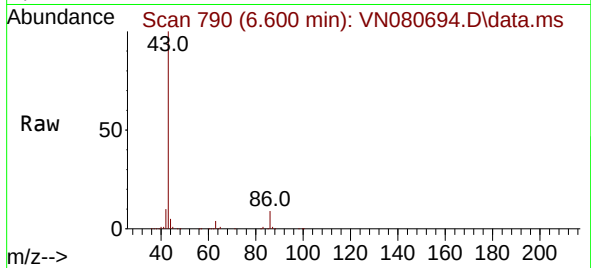
Tgt Ion: 45 Resp: 174780
Ion Ratio Lower Upper
45 100
43 56.6 45.5 68.3
87 24.7 31.8 47.8#
59 13.2 11.6 17.4





#23
 Vinyl Acetate
 Concen: 89.139 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080694.D
 Acq: 12 Jan 2024 16:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0112WBS02



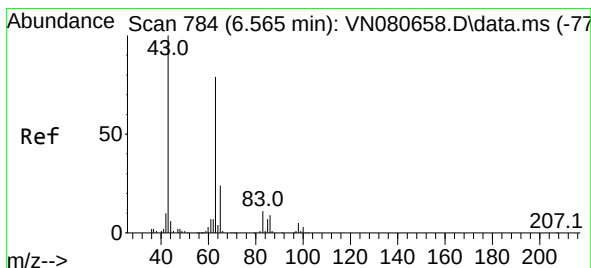
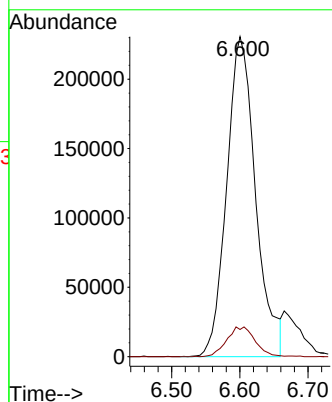
Tgt Ion: 43 Resp: 68035
 Ion Ratio Lower Upper
 43 100
 86 8.5 13.0 19.6

Manual Integrations
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Reviewed By :John
 Carlone

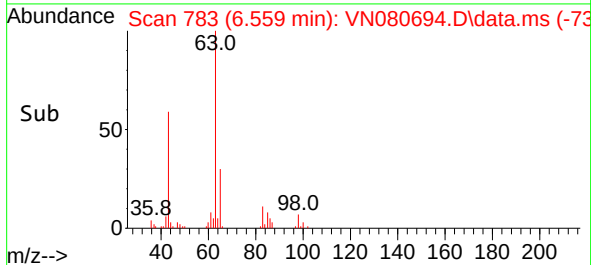
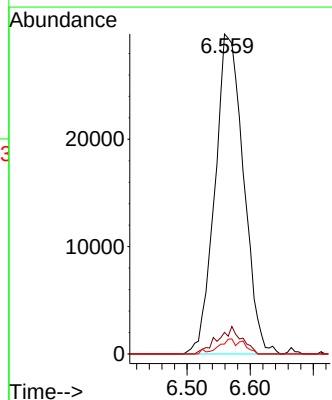
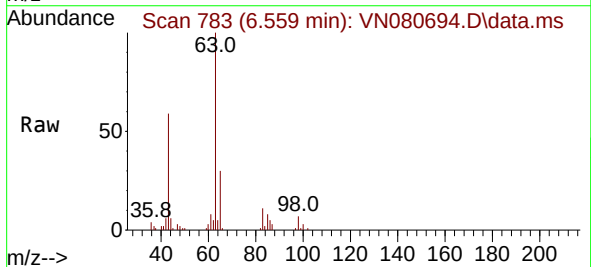
01/15/2024
 Supervised By :Mahesh
 Dadoda

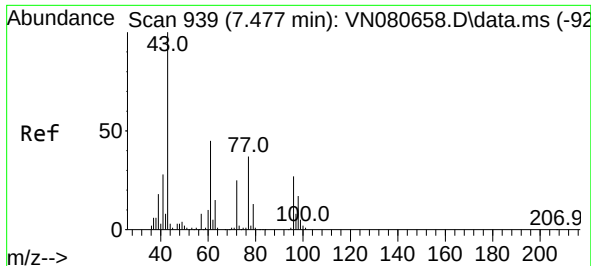
01/15/2024



#24
 1,1-Dichloroethane
 Concen: 18.280 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.006 min
 Lab File: VN080694.D
 Acq: 12 Jan 2024 16:55

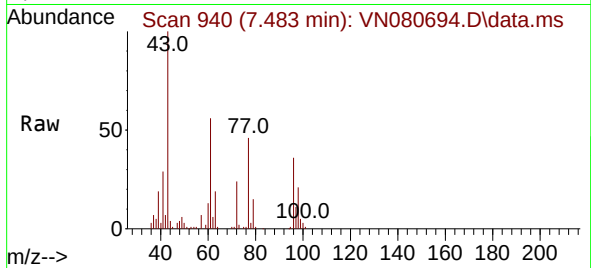
Tgt Ion: 63 Resp: 93834
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.9 11.7
 100 3.1 2.5 7.4





#25
2-Butanone
Concen: 79.182 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



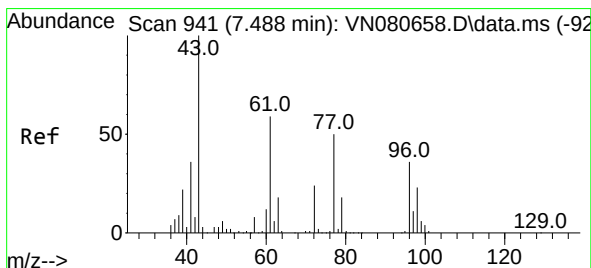
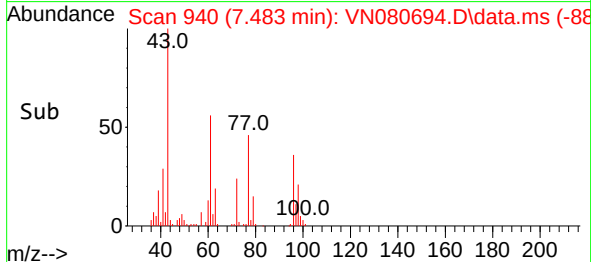
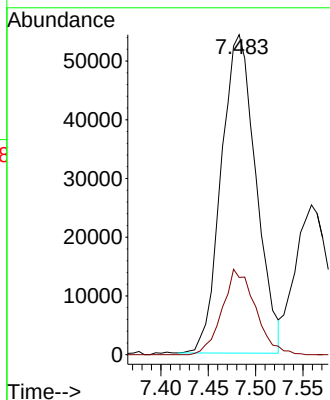
Tgt Ion: 43 Resp: 138650
Ion Ratio Lower Upper
43 100
72 24.3 30.2 45.2

Manual Integrations
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Reviewed By :John
Carlone

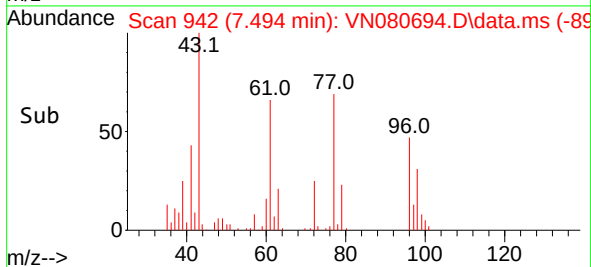
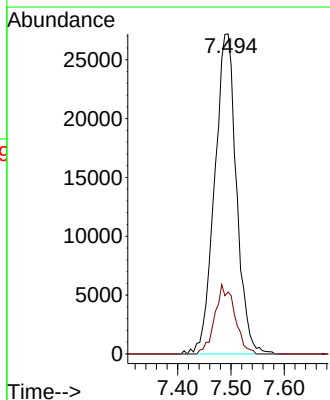
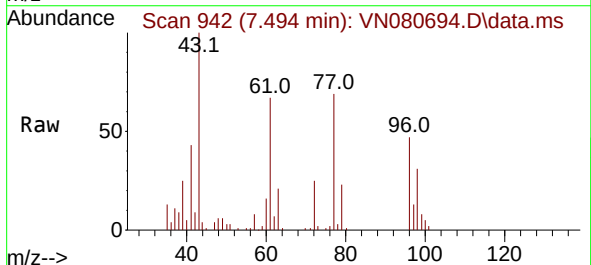
01/15/2024
Supervised By :Mahesh
Dadoda

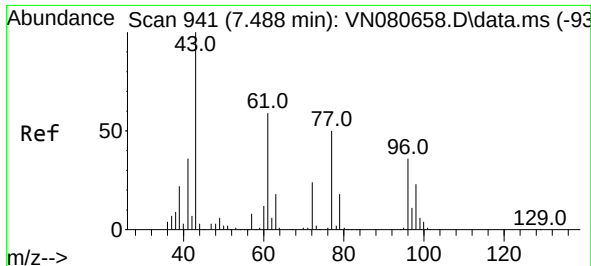
01/15/2024



#26
2,2-Dichloropropane
Concen: 17.242 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Tgt Ion: 77 Resp: 77407
Ion Ratio Lower Upper
77 100
97 19.8 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 18.528 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN080694.D

Acq: 12 Jan 2024 16:55

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBS02

Tgt Ion: 96	Resp: 51974
Ion Ratio	Lower Upper
96 100	
61 161.4	0.0 255.2
98 62.7	0.0 128.8

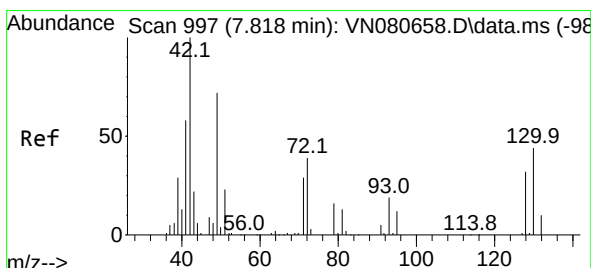
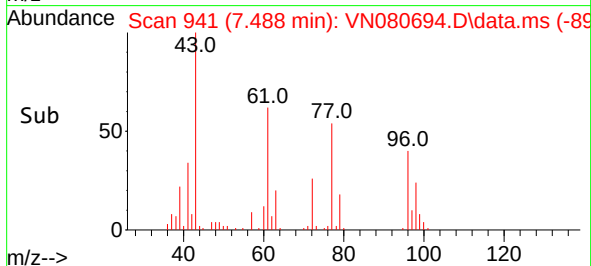
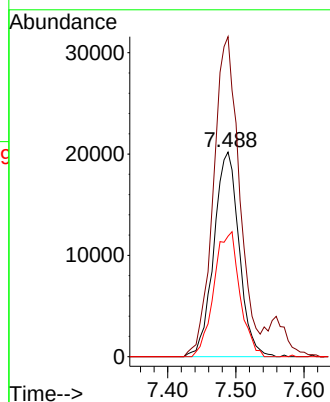
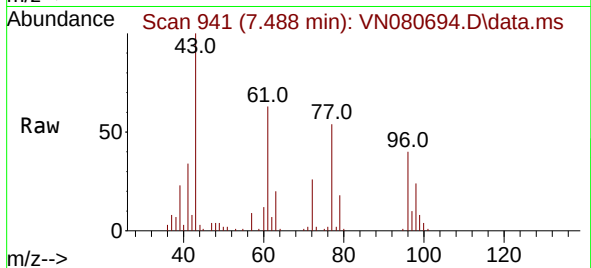
Manual Integrations
APPROVED

Reviewed By :John
Carlone

01/15/2024

Supervised By :Mahesh
Dadoda

01/15/2024



#28

Bromochloromethane

Concen: 18.914 ug/l

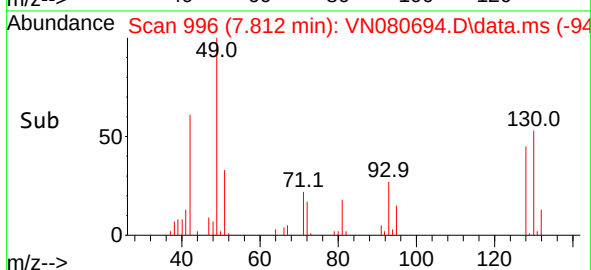
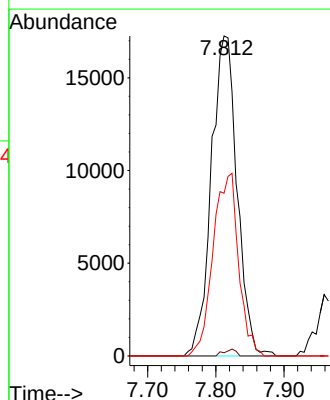
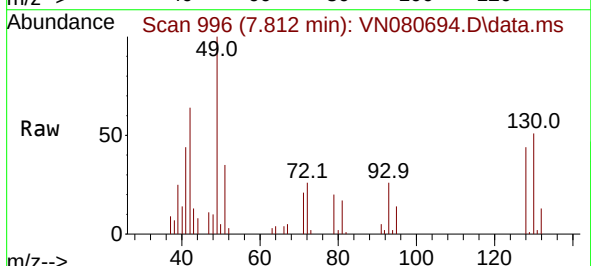
RT: 7.812 min Scan# 996

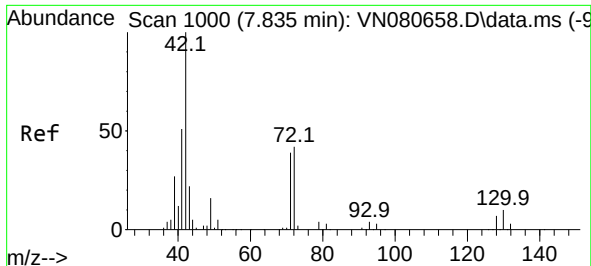
Delta R.T. -0.006 min

Lab File: VN080694.D

Acq: 12 Jan 2024 16:55

Tgt Ion: 49	Resp: 45389
Ion Ratio	Lower Upper
49 100	
129 1.0	0.0 4.8
130 56.4	75.3 112.9





#29

Tetrahydrofuran

Concen: 86.680 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080694.D

Acq: 12 Jan 2024 16:55

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBS02

Tgt Ion: 42 Resp: 102300

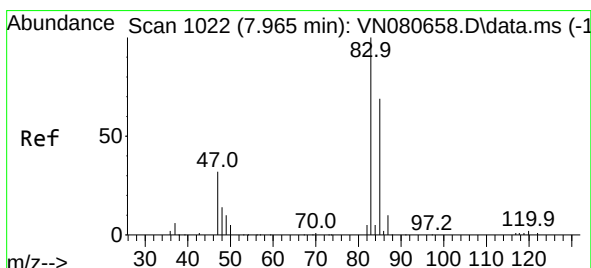
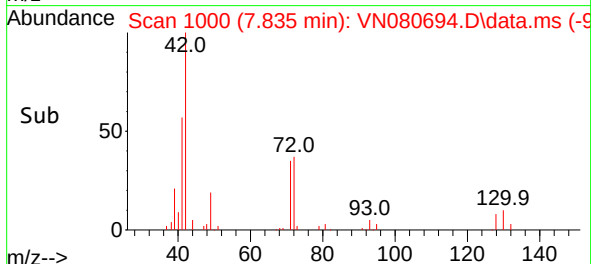
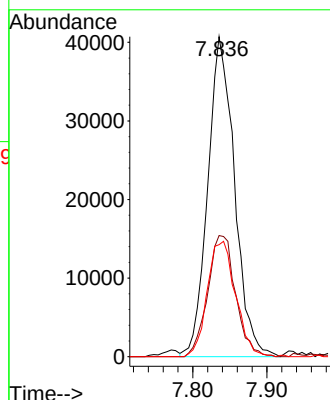
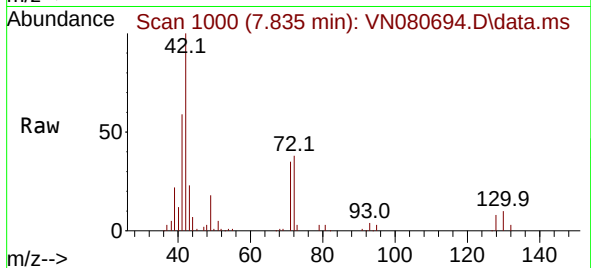
Ion	Ratio	Lower	Upper
42	100		
72	39.3	49.8	74.6
71	38.0	47.4	71.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

01/15/2024
Supervised By :Mahesh
Dadoda

01/15/2024



#30

Chloroform

Concen: 17.451 ug/l

RT: 7.965 min Scan# 1022

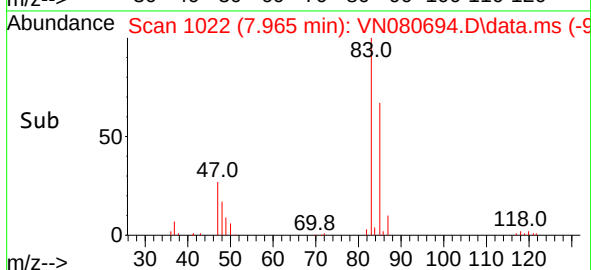
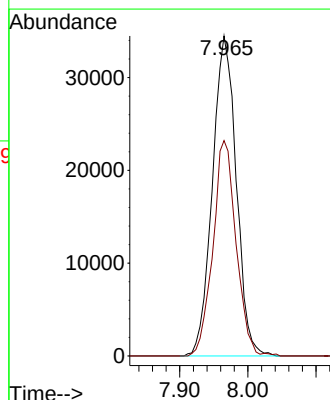
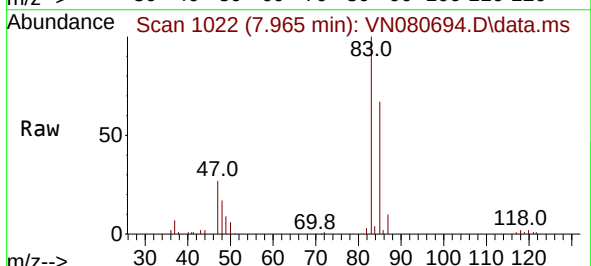
Delta R.T. 0.000 min

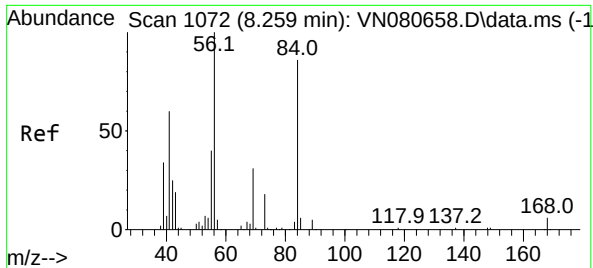
Lab File: VN080694.D

Acq: 12 Jan 2024 16:55

Tgt Ion: 83 Resp: 83980

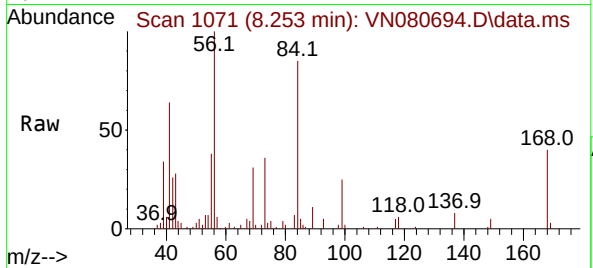
Ion	Ratio	Lower	Upper
83	100		
85	67.3	55.4	83.0





#31
Cyclohexane
Concen: 18.053 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



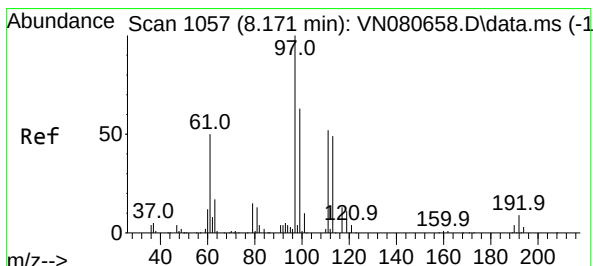
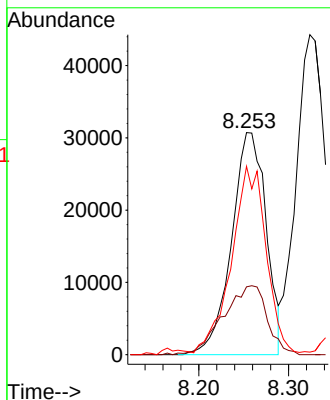
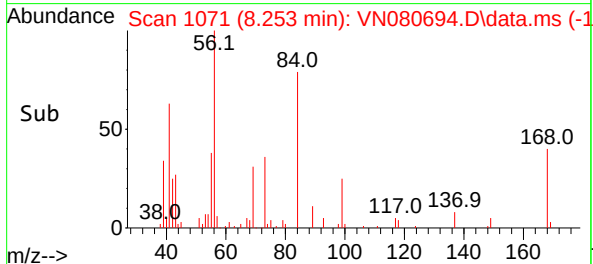
Tgt Ion: 56 Resp: 8230
Ion Ratio Lower Upper
56 100
69 29.8 26.8 40.2
84 82.7 81.8 122.6

Manual Integrations
APPROVED

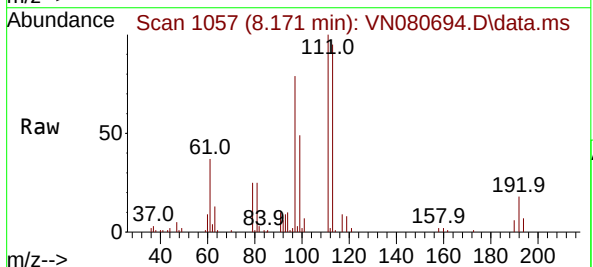
Reviewed By :John
Carlone

01/15/2024
Supervised By :Mahesh
Dadoda

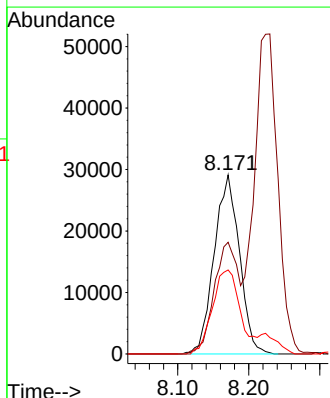
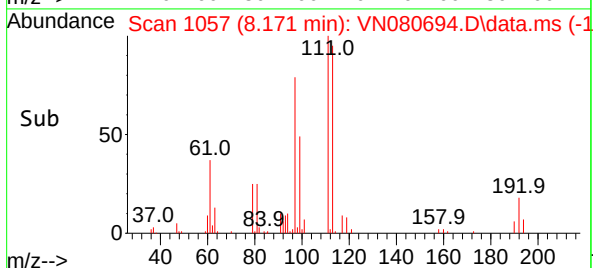
01/15/2024

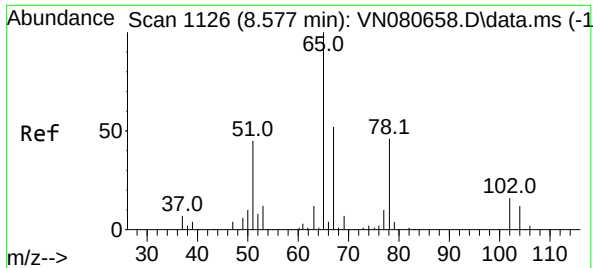


#32
1,1,1-Trichloroethane
Concen: 16.776 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55



Tgt Ion: 97 Resp: 71863
Ion Ratio Lower Upper
97 100
99 59.1 50.3 75.5
61 52.1 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 41.804 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN080694.D

Acq: 12 Jan 2024 16:55

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBS02

Tgt Ion: 65 Resp: 123354

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.6

Manual Integrations

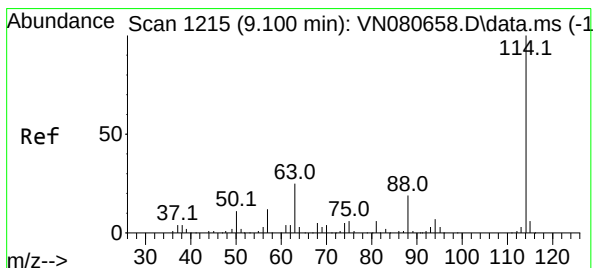
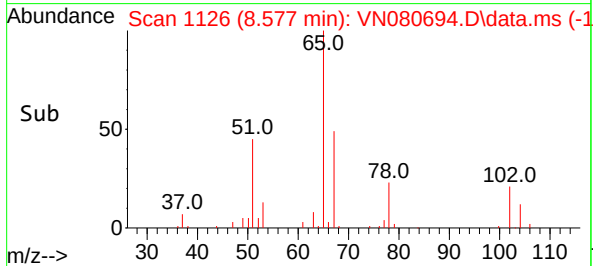
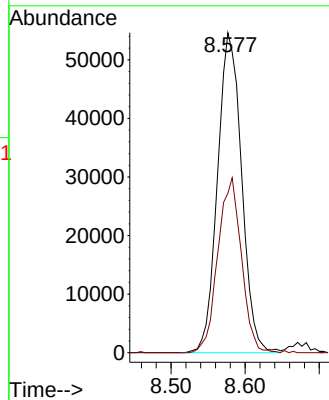
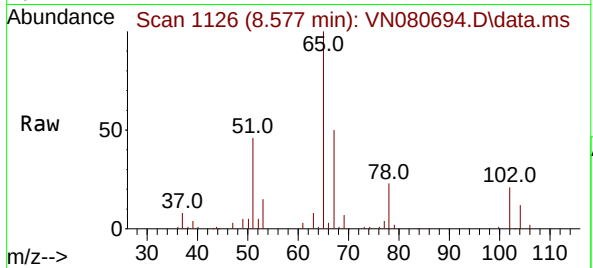
APPROVED

Reviewed By :John
Carlone

01/15/2024

Supervised By :Mahesh
Dadoda

01/15/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080694.D

Acq: 12 Jan 2024 16:55

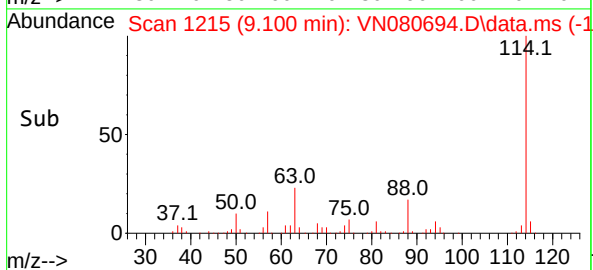
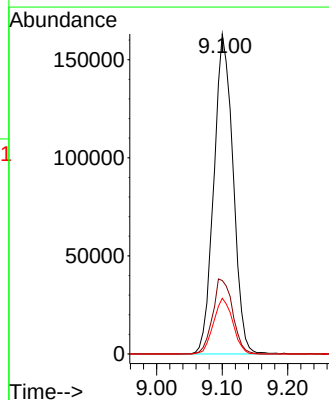
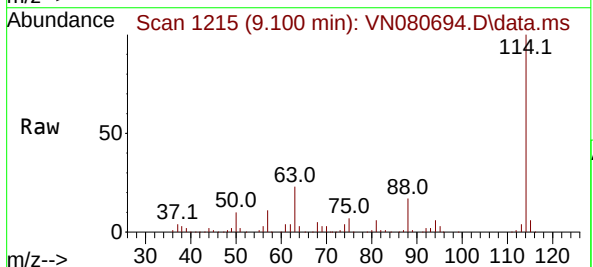
Tgt Ion:114 Resp: 331690

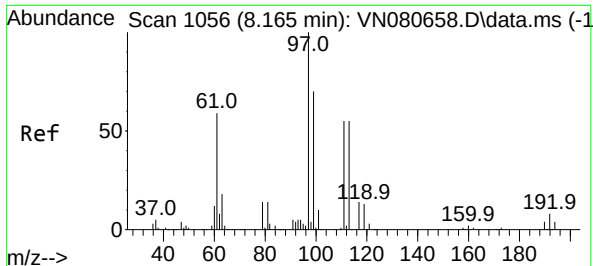
Ion Ratio Lower Upper

114 100

63 22.9 0.0 36.4

88 17.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.918 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080694.D

Acq: 12 Jan 2024 16:55

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBS02

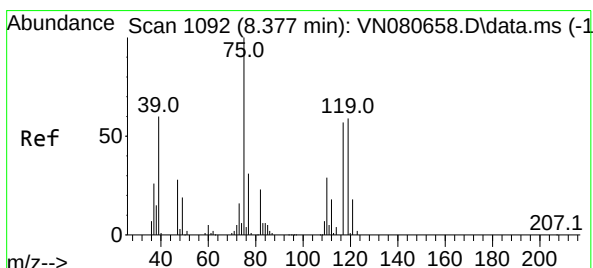
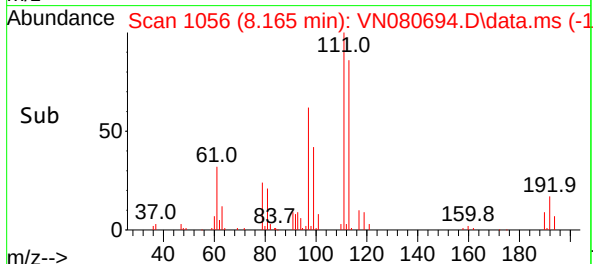
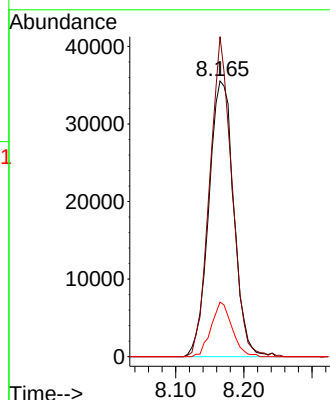
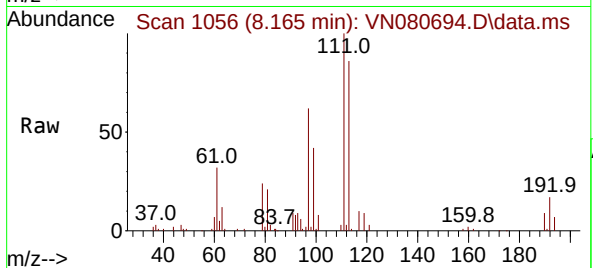
Tgt Ion:	113	Resp:	9030
Ion Ratio	Lower	Upper	
113	100		
111	103.9	82.6	123.8
192	16.7	12.7	19.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

01/15/2024
Supervised By :Mahesh
Dadoda

01/15/2024



#36

1,1-Dichloropropene

Concen: 17.114 ug/l

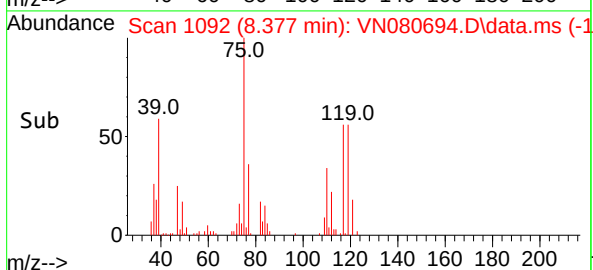
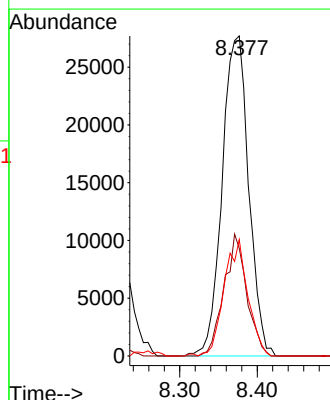
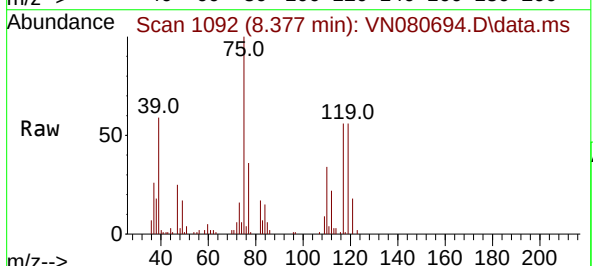
RT: 8.377 min Scan# 1092

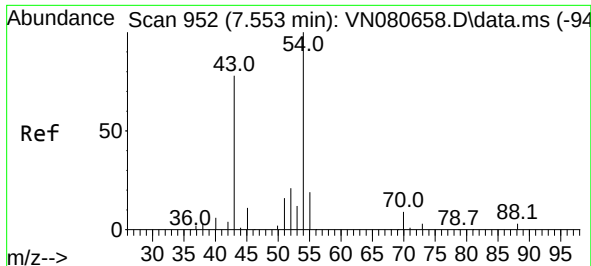
Delta R.T. 0.000 min

Lab File: VN080694.D

Acq: 12 Jan 2024 16:55

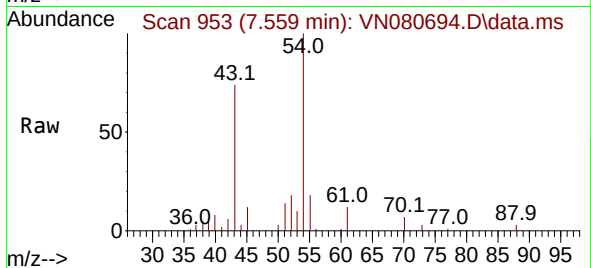
Tgt Ion:	75	Resp:	66069
Ion Ratio	Lower	Upper	
75	100		
110	32.7	19.1	57.3
77	32.7	25.0	37.4





#37
Ethyl Acetate
Concen: 17.376 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



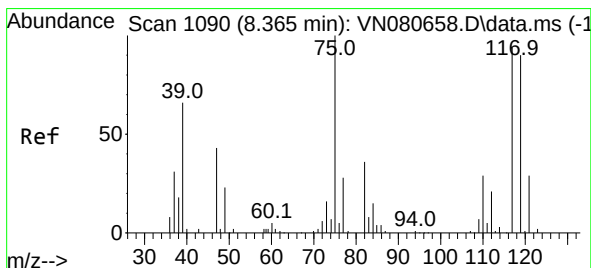
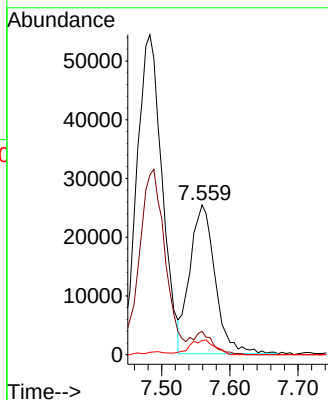
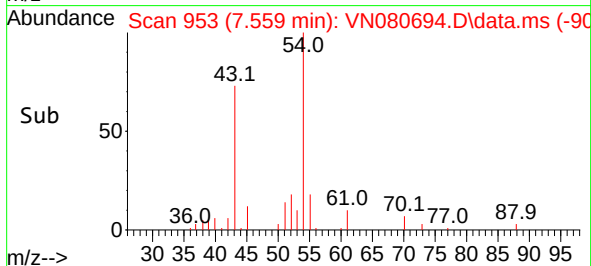
Tgt Ion: 43 Resp: 6504
Ion Ratio Lower Upper
43 100
61 9.8 13.2 19.8
70 9.9 11.3 16.9

Manual Integrations
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Reviewed By :John
Carlone

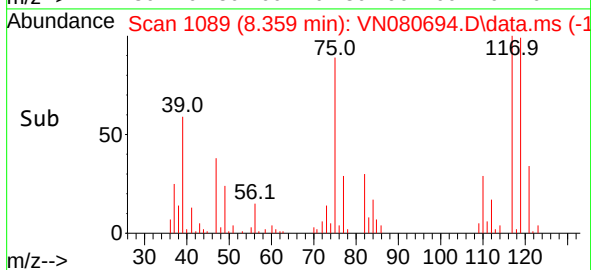
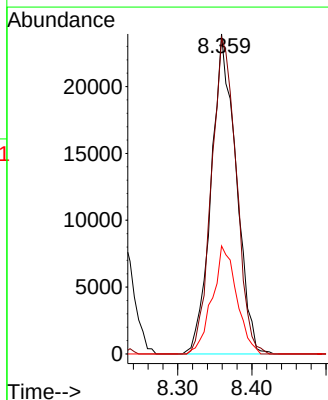
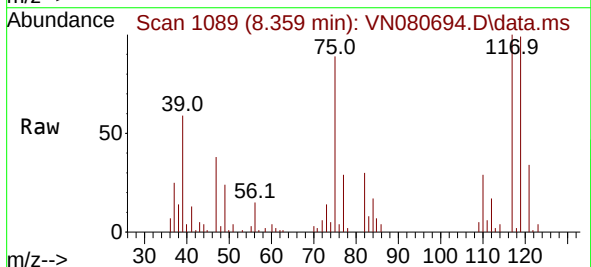
01/15/2024
Supervised By :Mahesh
Dadoda

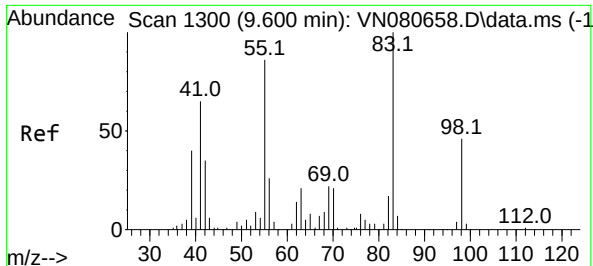
01/15/2024



#38
Carbon Tetrachloride
Concen: 16.101 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Tgt Ion:117 Resp: 55810
Ion Ratio Lower Upper
117 100
119 98.7 77.3 115.9
121 33.8 23.3 34.9





#39

Methylcyclohexane

Concen: 19.155 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN080694.D

Acq: 12 Jan 2024 16:55

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBS02

Tgt Ion: 83 Resp: 70760

Ion	Ratio	Lower	Upper
83	100		
55	76.5	49.1	73.7
98	41.4	40.6	61.0

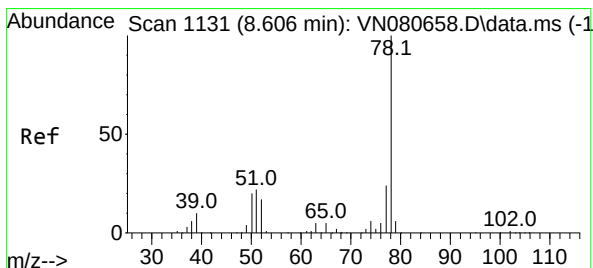
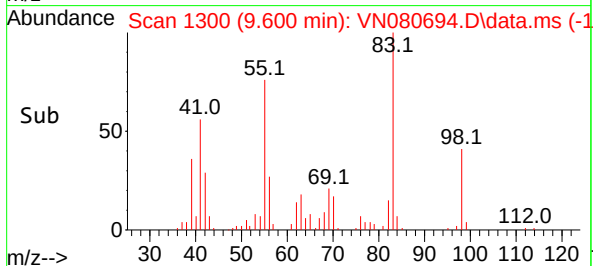
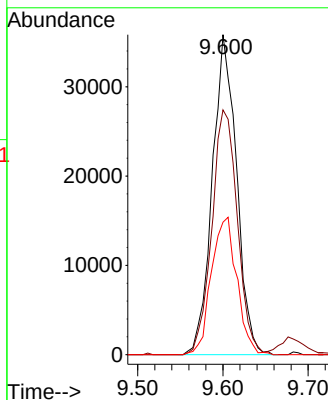
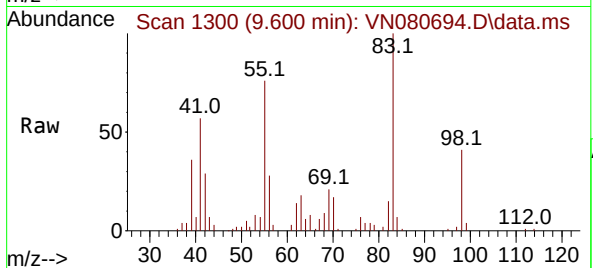
Manual Integrations
APPROVED

Reviewed By :John
Carlone

01/15/2024

Supervised By :Mahesh
Dadoda

01/15/2024



#40

Benzene

Concen: 18.354 ug/l

RT: 8.606 min Scan# 1131

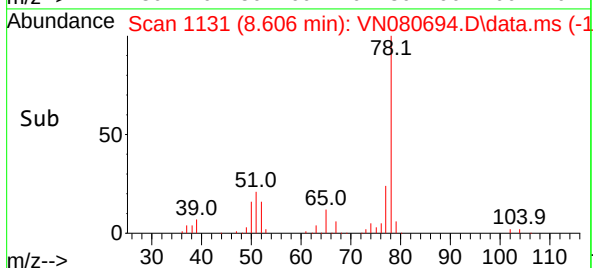
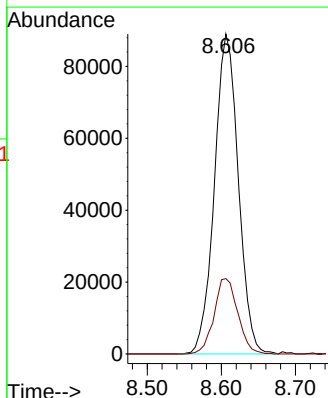
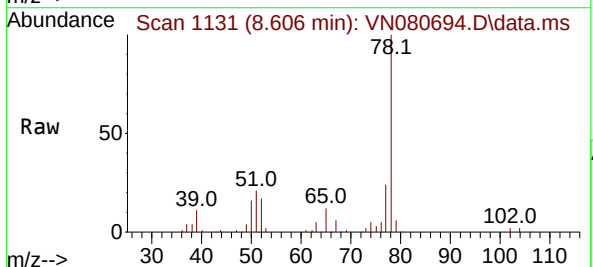
Delta R.T. 0.000 min

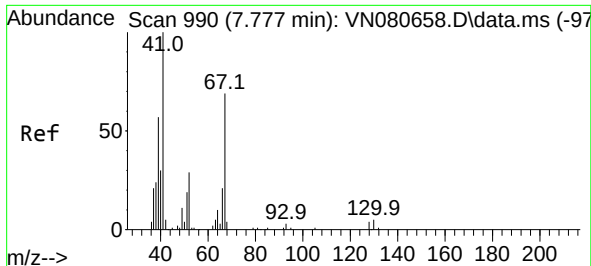
Lab File: VN080694.D

Acq: 12 Jan 2024 16:55

Tgt Ion: 78 Resp: 199190

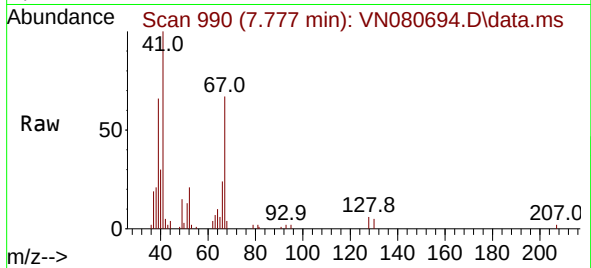
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.6





#41
Methacrylonitrile
Concen: 19.001 ug/l m
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



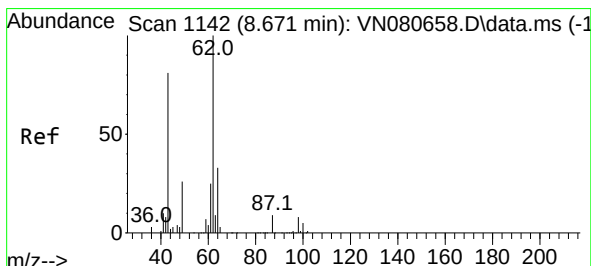
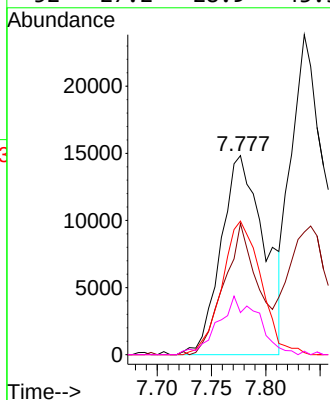
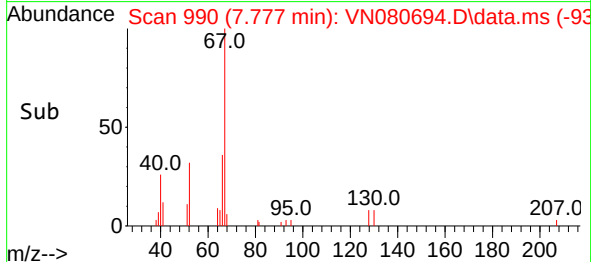
Tgt Ion: 41 Resp: 41259
Ion Ratio Lower Upper
41 100
39 51.6 42.6 64.0
67 60.4 77.5 116.3
52 27.2 28.9 43.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

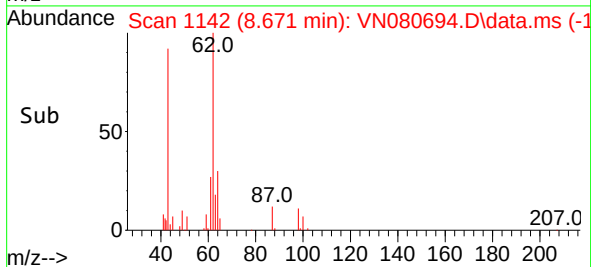
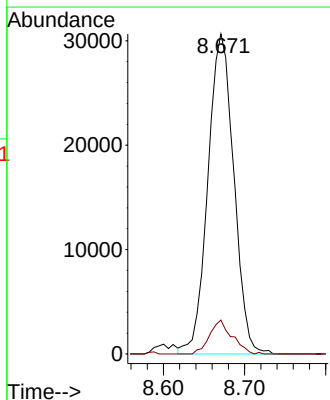
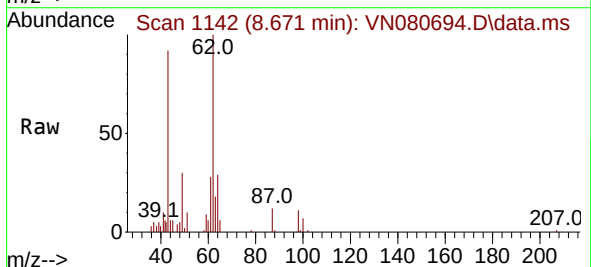
01/15/2024
Supervised By :Mahesh
Dadoda

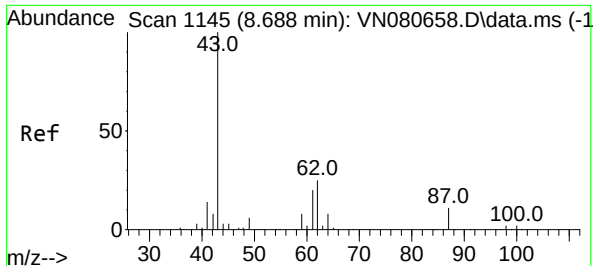
01/15/2024



#42
1,2-Dichloroethane
Concen: 16.371 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Tgt Ion: 62 Resp: 68015
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.8





#43

Isopropyl Acetate

Concen: 17.873 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN080694.D

Acq: 12 Jan 2024 16:55

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBS02

Tgt Ion: 43 Resp: 122984

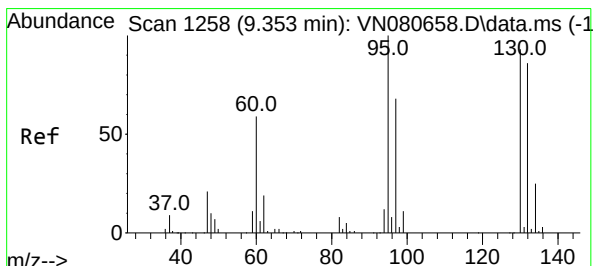
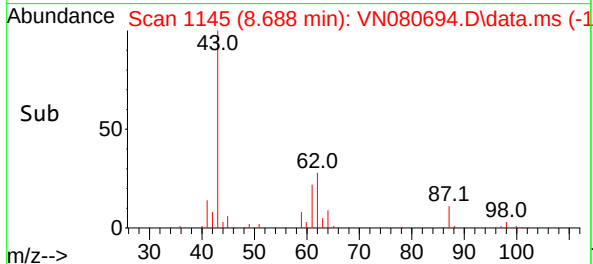
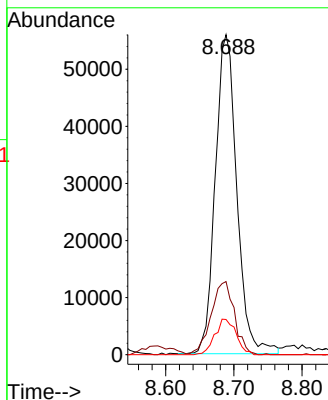
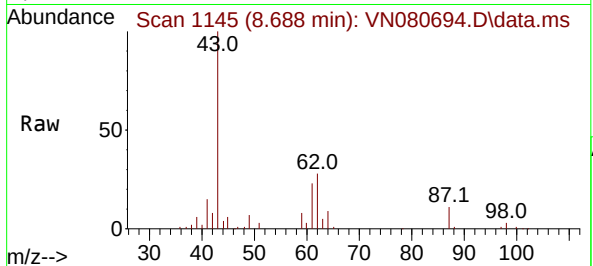
Ion	Ratio	Lower	Upper
43	100		
61	24.8	24.7	37.1
87	11.0	14.6	21.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

01/15/2024
Supervised By :Mahesh
Dadoda

01/15/2024



#44

Trichloroethene

Concen: 17.680 ug/l

RT: 9.353 min Scan# 1258

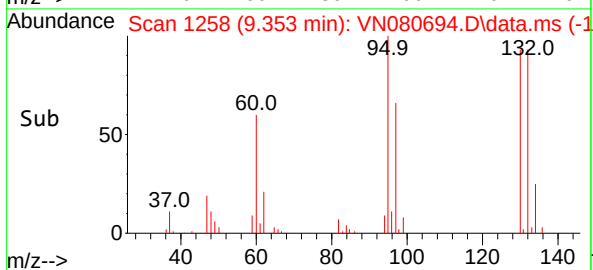
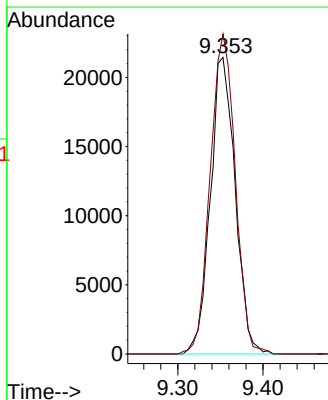
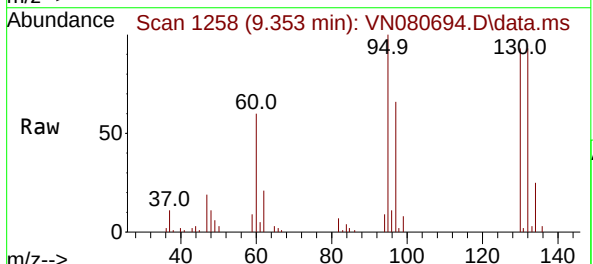
Delta R.T. 0.000 min

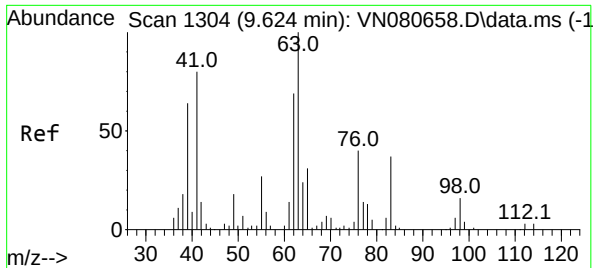
Lab File: VN080694.D

Acq: 12 Jan 2024 16:55

Tgt Ion:130 Resp: 43436

Ion	Ratio	Lower	Upper
130	100		
95	107.9	0.0	204.6





#45
1,2-Dichloropropane
Concen: 17.972 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02

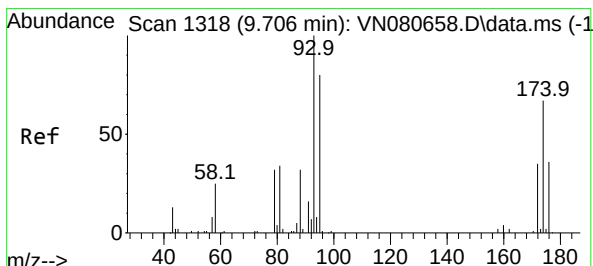
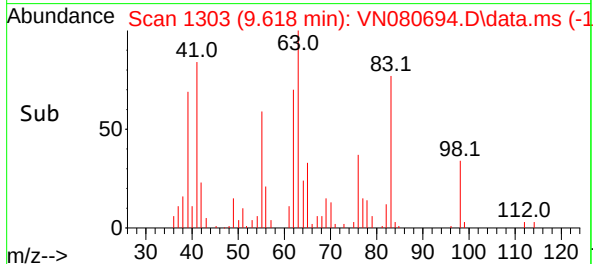
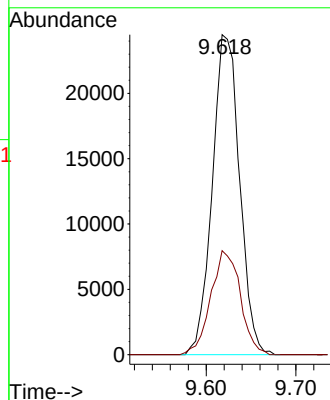
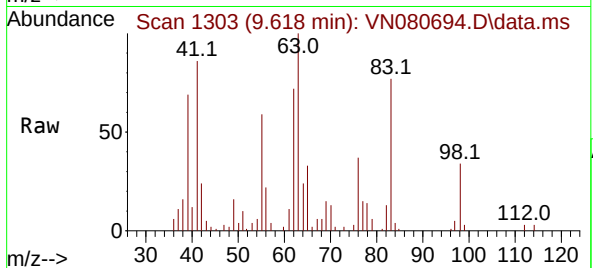
Tgt Ion: 63 Resp: 51710
Ion Ratio Lower Upper
63 100
65 32.5 23.9 35.9

Manual Integrations
APPROVED

Reviewed By :John
Carlone

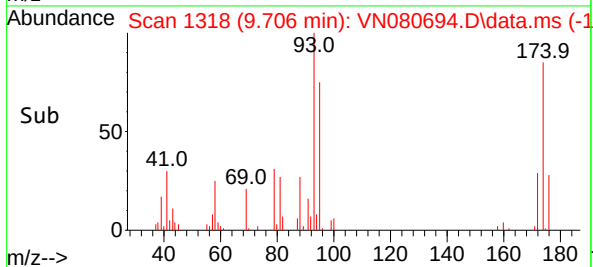
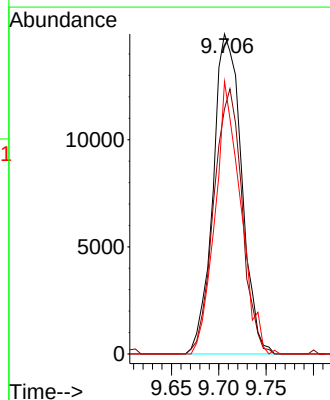
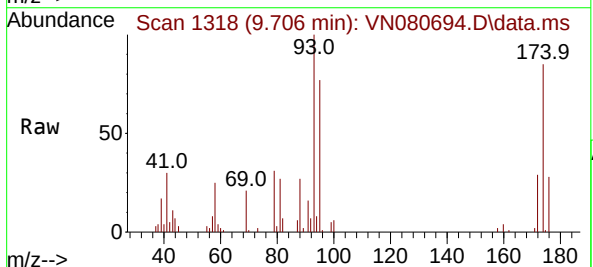
01/15/2024
Supervised By :Mahesh
Dadoda

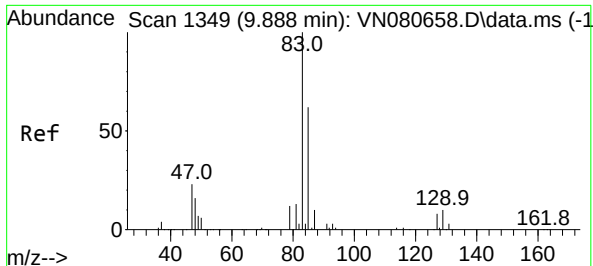
01/15/2024



#46
Dibromomethane
Concen: 17.194 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Tgt Ion: 93 Resp: 31299
Ion Ratio Lower Upper
93 100
95 82.0 63.8 95.8
174 76.4 65.6 98.4





#47
Bromodichloromethane
Concen: 16.048 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02

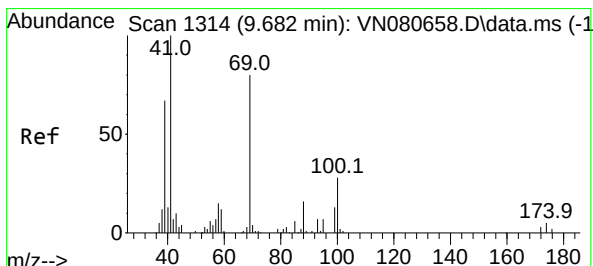
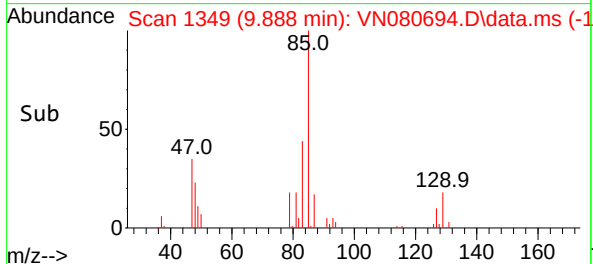
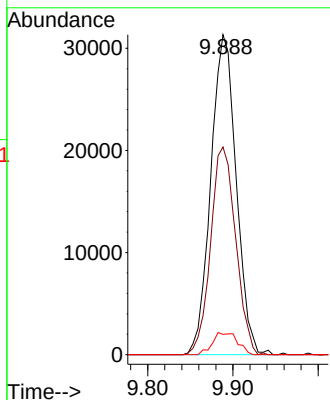
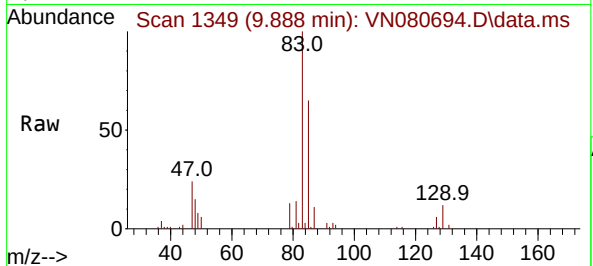
Tgt Ion: 83 Resp: 64840
Ion Ratio Lower Upper
83 100
85 64.9 49.6 74.4
127 6.4 7.0 10.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

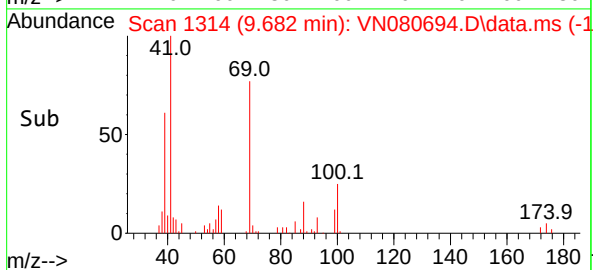
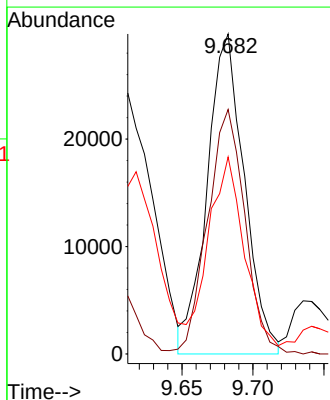
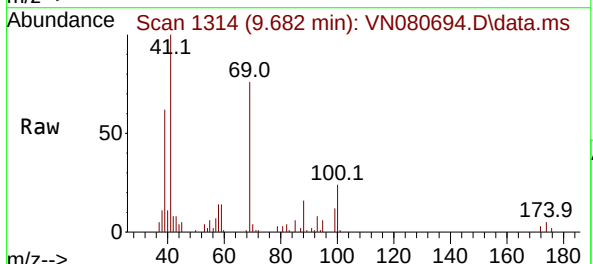
01/15/2024
Supervised By :Mahesh
Dadoda

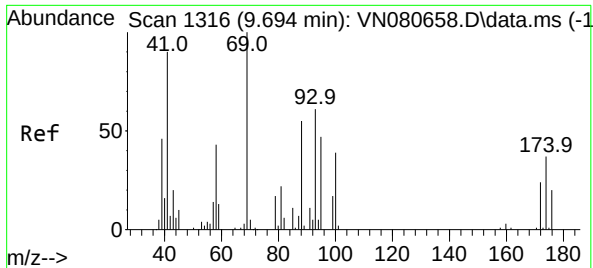
01/15/2024



#48
Methyl methacrylate
Concen: 16.631 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

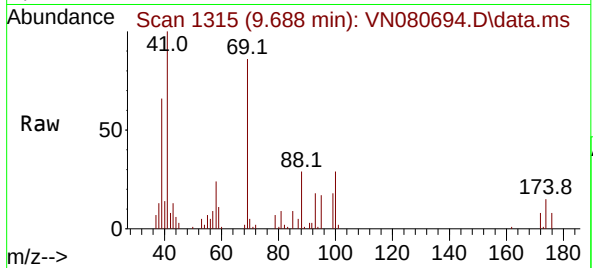
Tgt Ion: 41 Resp: 54181
Ion Ratio Lower Upper
41 100
69 77.0 90.4 135.6
39 60.5 54.6 81.8





#49
1,4-Dioxane
Concen: 329.741 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



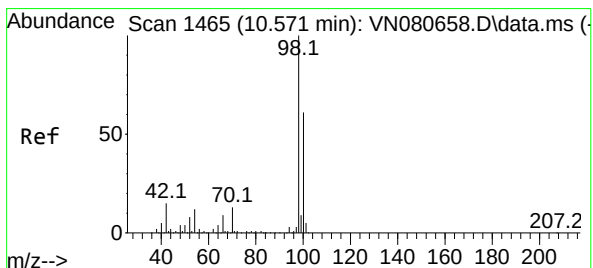
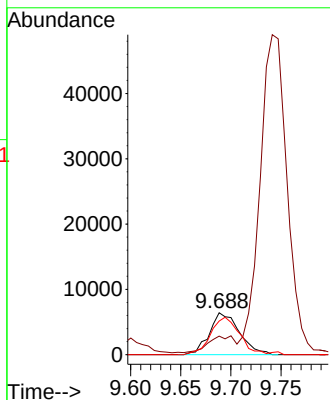
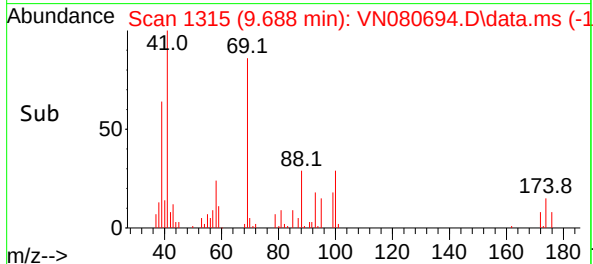
Tgt Ion: 88 Resp: 1338
Ion Ratio Lower Upper
88 100
43 37.9 17.0 25.6
58 87.7 47.0 70.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

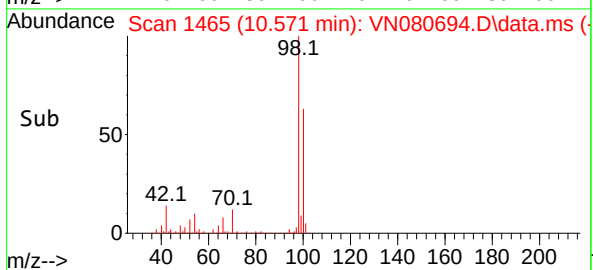
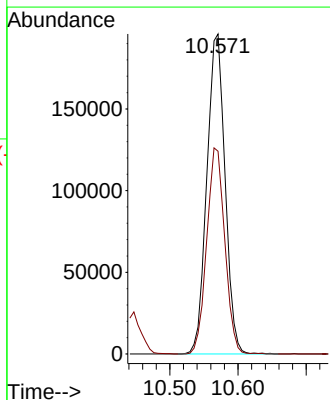
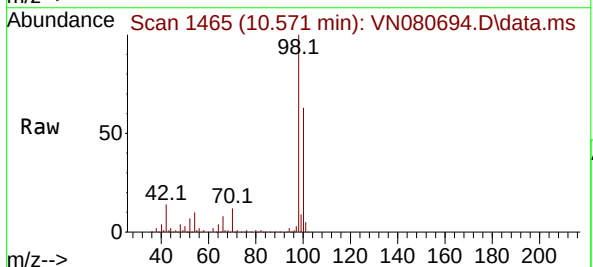
01/15/2024
Supervised By :Mahesh
Dadoda

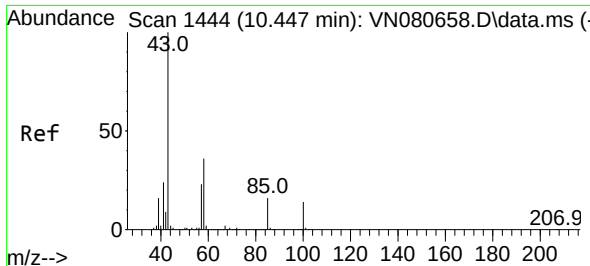
01/15/2024



#50
Toluene-d8
Concen: 50.660 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

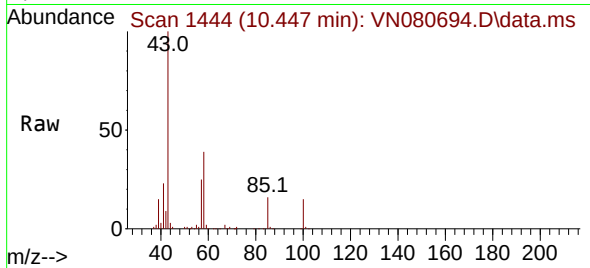
Tgt Ion: 98 Resp: 364041
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 85.196 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



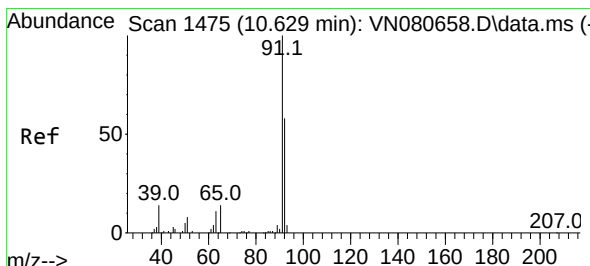
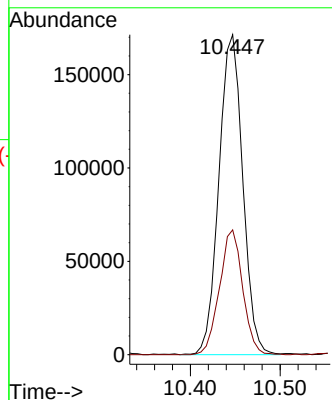
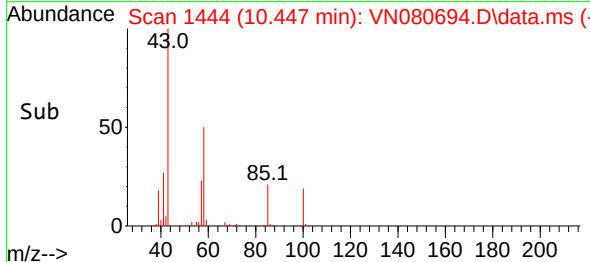
Tgt Ion: 43 Resp: 31626
Ion Ratio Lower Upper
43 100
58 37.9 36.6 54.8

Manual Integrations
APPROVED

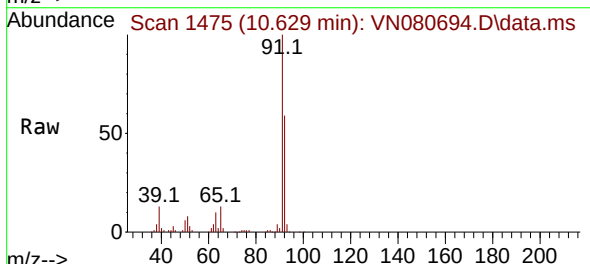
Reviewed By :John
Carlone

01/15/2024
Supervised By :Mahesh
Dadoda

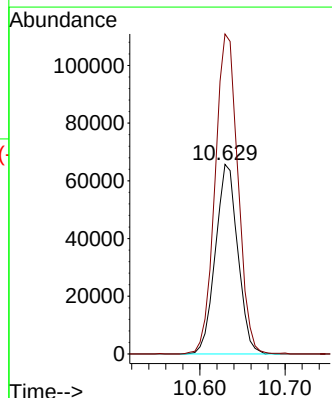
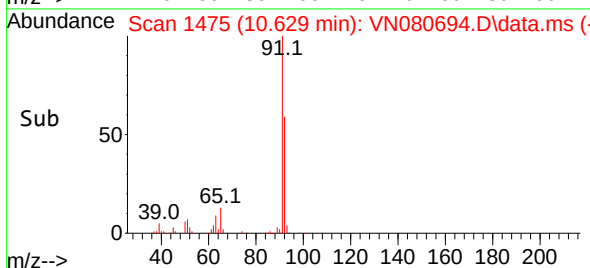
01/15/2024

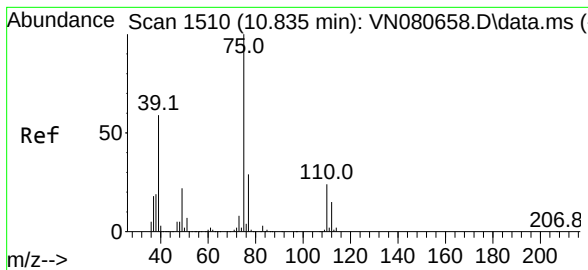


#52
Toluene
Concen: 19.241 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55



Tgt Ion: 92 Resp: 119638
Ion Ratio Lower Upper
92 100
91 172.9 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 17.289 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Instrument : MSVOA_N
ClientSampleId : VN0112WBS02

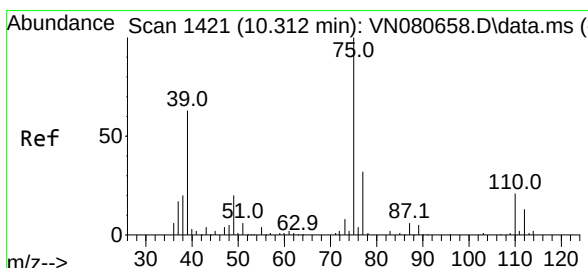
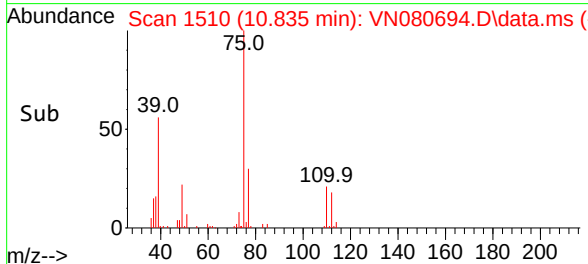
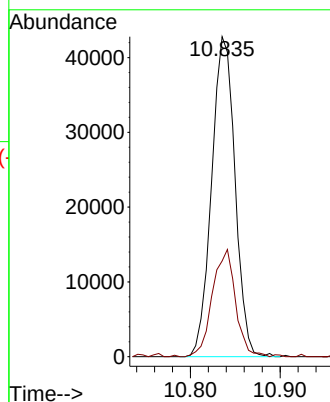
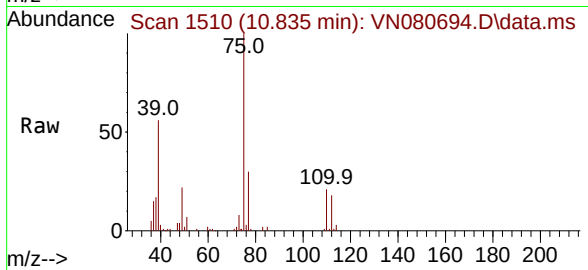
Tgt Ion: 75 Resp: 77532
Ion Ratio Lower Upper
75 100
77 29.9 25.4 38.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

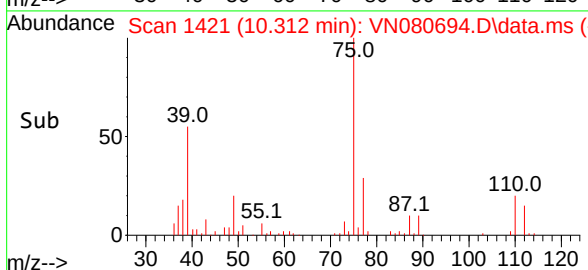
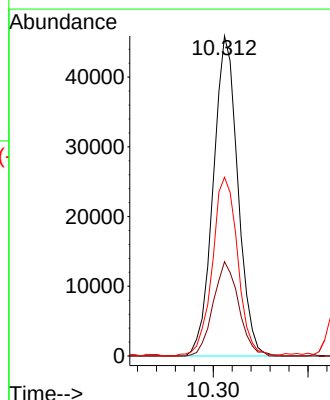
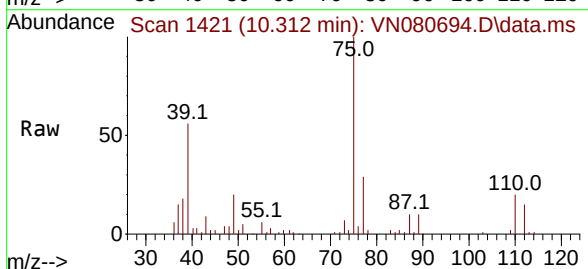
01/15/2024
Supervised By :Mahesh
Dadoda

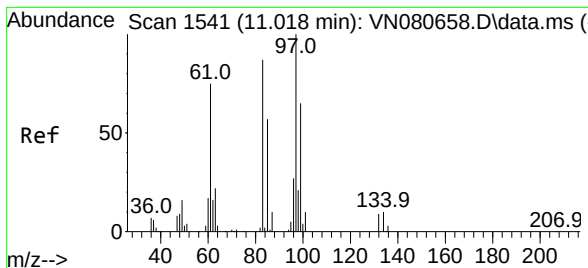
01/15/2024



#54
cis-1,3-Dichloropropene
Concen: 17.400 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

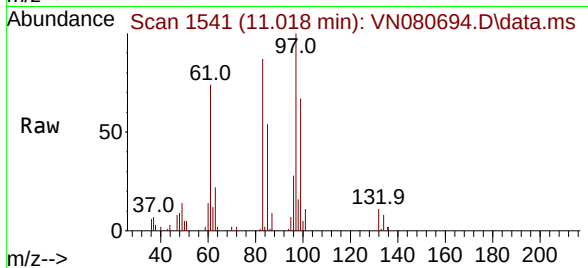
Tgt Ion: 75 Resp: 82748
Ion Ratio Lower Upper
75 100
77 29.5 26.1 39.1
39 55.5 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 18.656 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



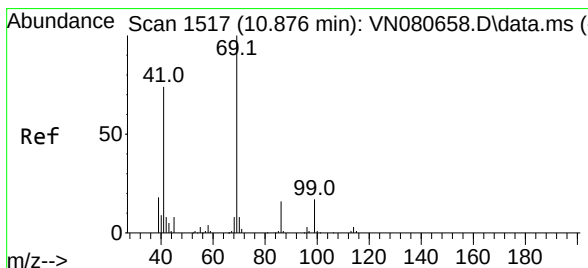
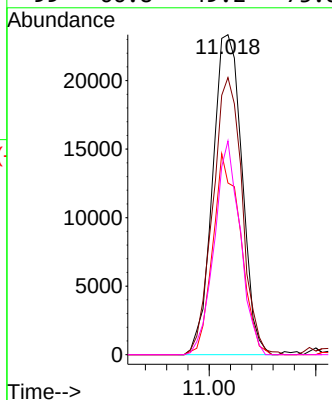
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.6	65.1	97.7
85	53.7	43.4	65.2
99	66.8	49.2	73.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

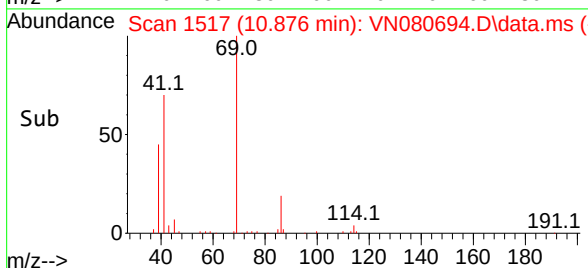
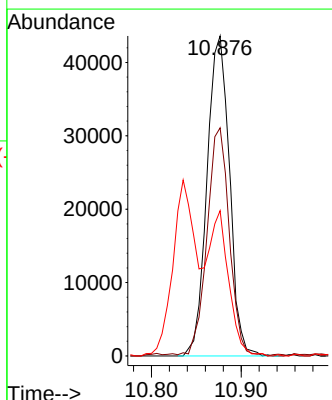
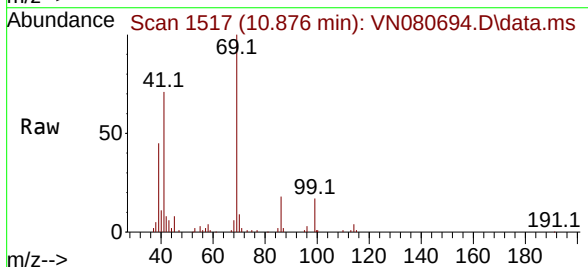
01/15/2024
Supervised By :Mahesh
Dadoda

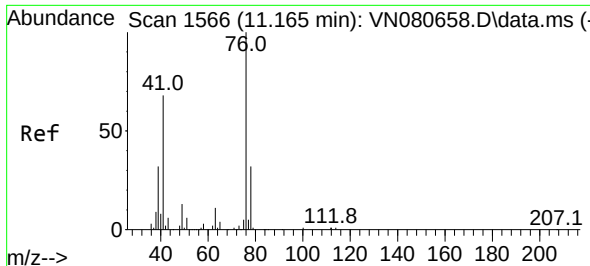
01/15/2024



#56
Ethyl methacrylate
Concen: 17.680 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

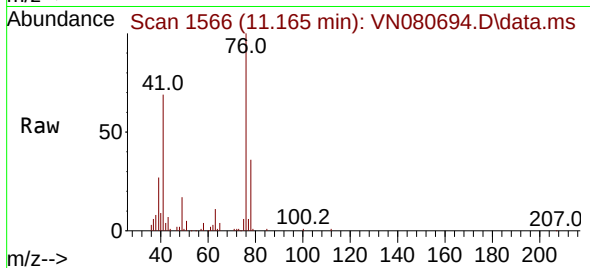
Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.1	39.6	59.4
39	38.3	28.6	43.0





#57
1,3-Dichloropropane
Concen: 18.785 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



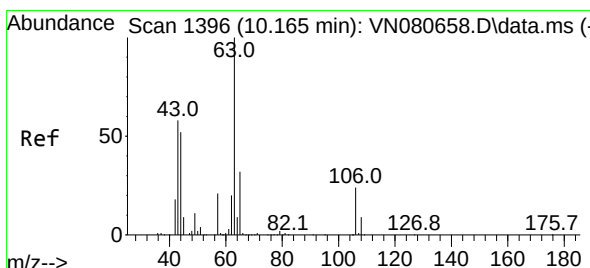
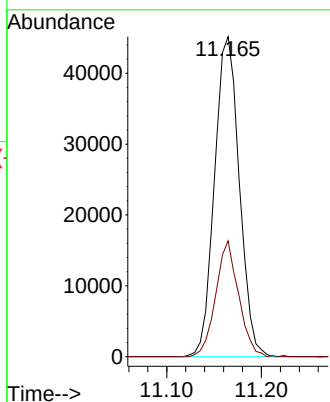
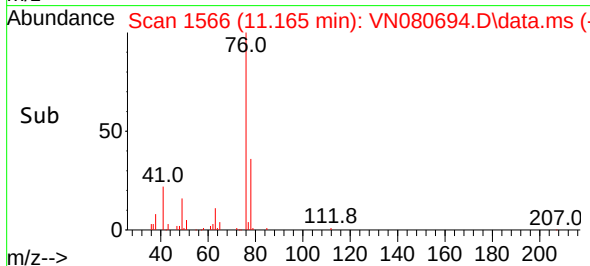
Tgt Ion: 76 Resp: 82079
Ion Ratio Lower Upper
76 100
78 33.5 26.1 39.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

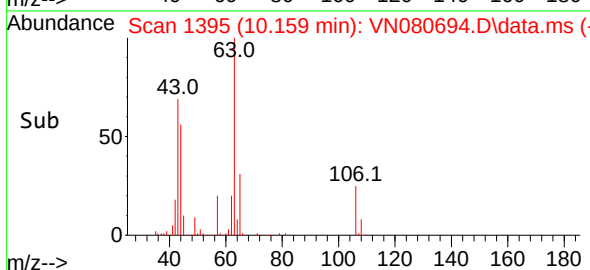
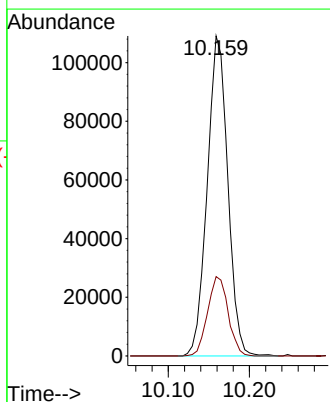
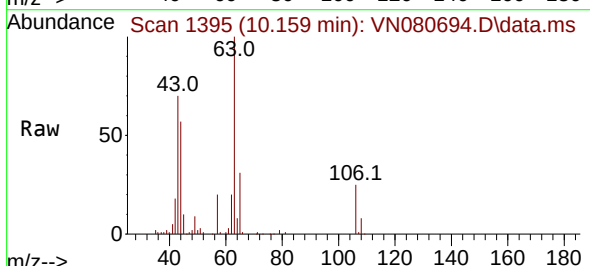
01/15/2024
Supervised By :Mahesh
Dadoda

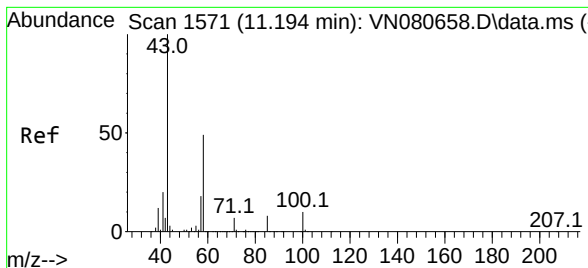
01/15/2024



#58
2-Chloroethyl Vinyl ether
Concen: 93.402 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

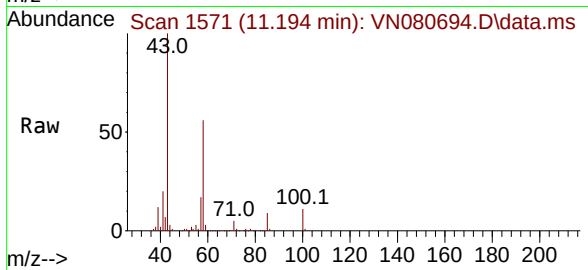
Tgt Ion: 63 Resp: 191773
Ion Ratio Lower Upper
63 100
106 24.7 26.2 39.4#





#59
2-Hexanone
Concen: 84.992 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



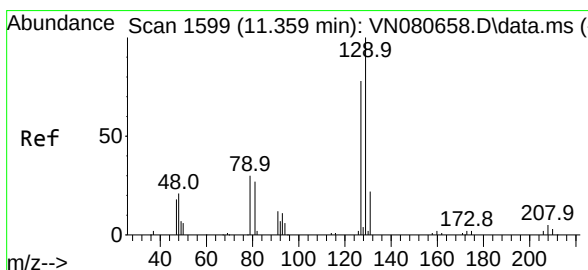
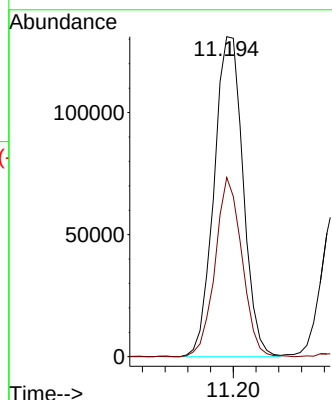
Tgt Ion: 43 Resp: 232914
Ion Ratio Lower Upper
43 100
58 51.7 31.7 95.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

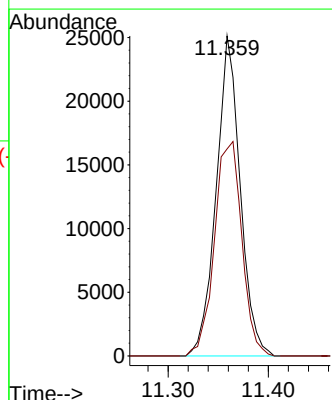
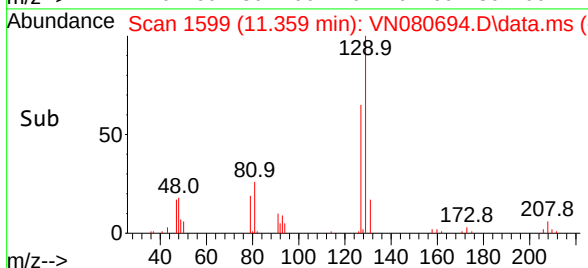
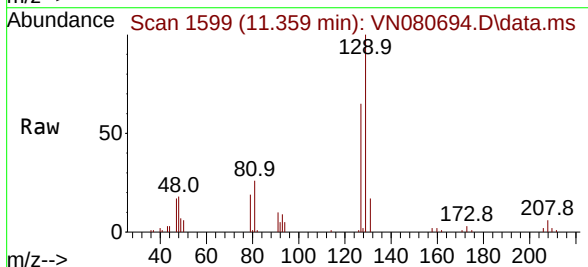
01/15/2024
Supervised By :Mahesh
Dadoda

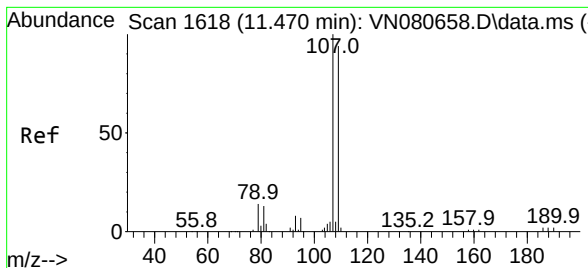
01/15/2024



#60
Dibromochloromethane
Concen: 16.988 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

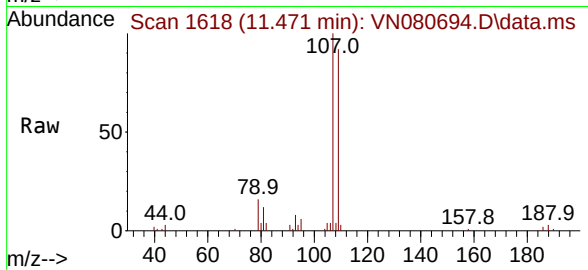
Tgt Ion:129 Resp: 41786
Ion Ratio Lower Upper
129 100
127 76.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.116 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



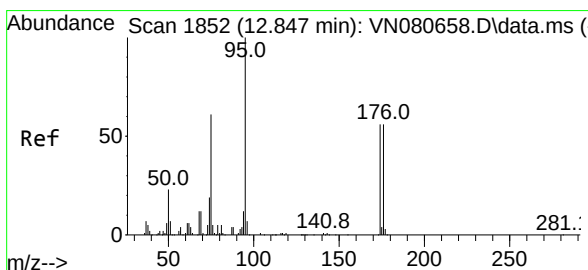
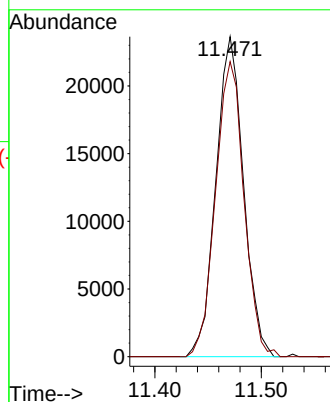
Tgt Ion:107 Resp: 4262
Ion Ratio Lower Upper
107 100
109 94.7 76.6 114.8

Manual Integrations
APPROVED

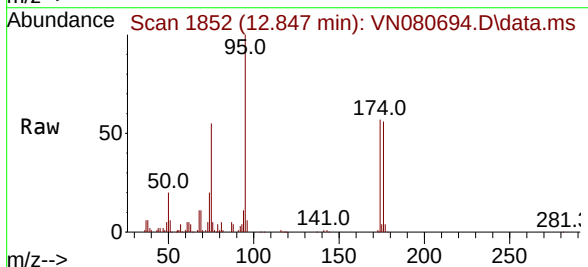
Reviewed By :John
Carlone

01/15/2024
Supervised By :Mahesh
Dadoda

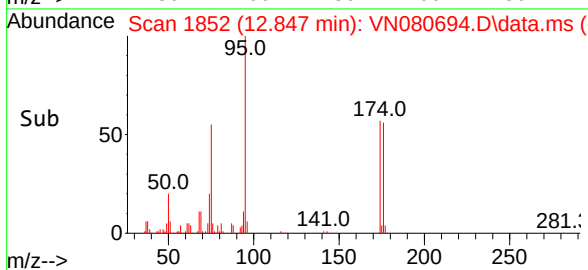
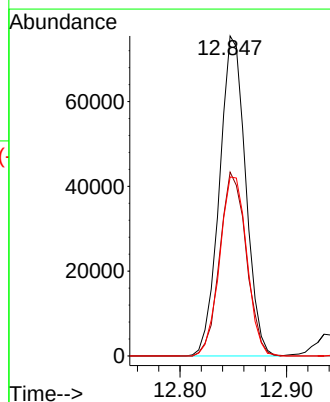
01/15/2024

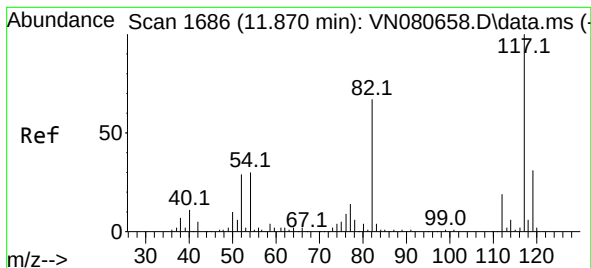


#62
4-Bromofluorobenzene
Concen: 46.800 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55



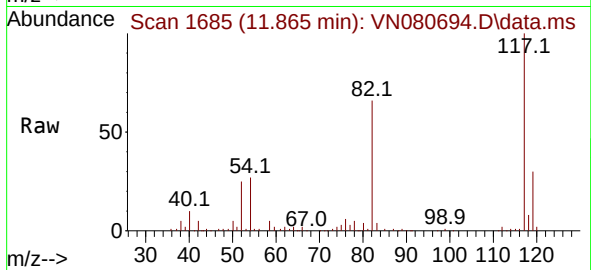
Tgt Ion: 95 Resp: 128966
Ion Ratio Lower Upper
95 100
174 58.1 0.0 143.8
176 57.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



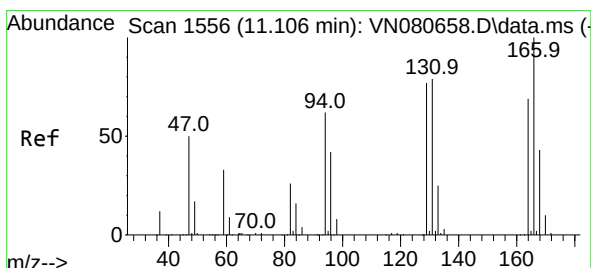
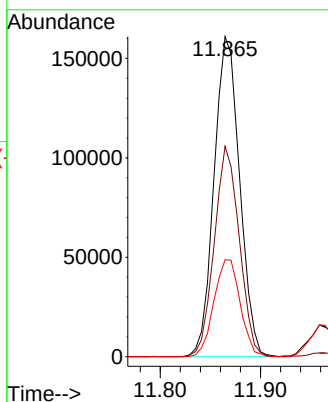
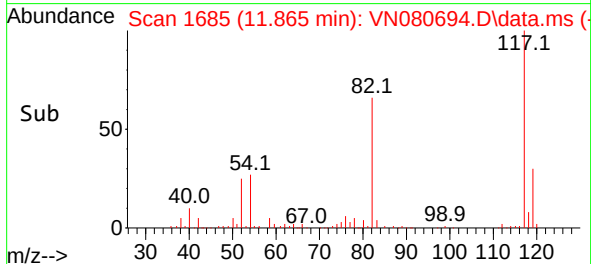
Tgt Ion:117 Resp: 28554
Ion Ratio Lower Upper
117 100
82 65.8 44.0 66.0
119 30.3 25.6 38.4

Manual Integrations
APPROVED

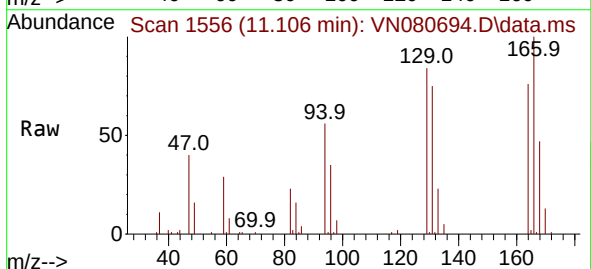
Reviewed By :John
Carlone

01/15/2024
Supervised By :Mahesh
Dadoda

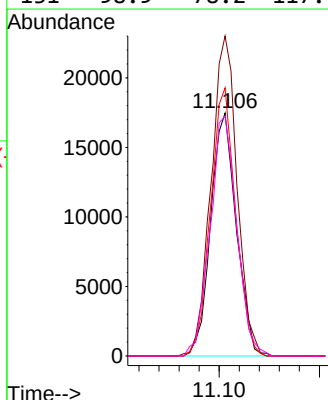
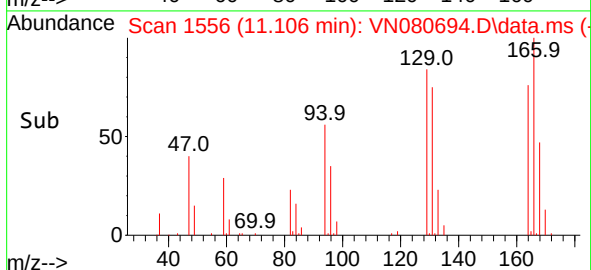
01/15/2024

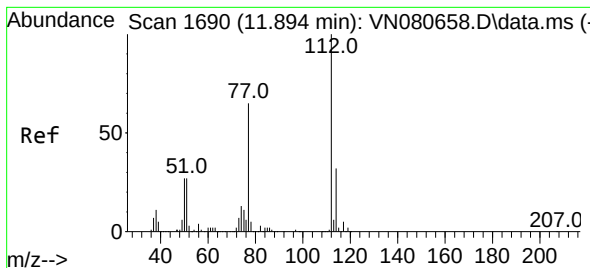


#64
Tetrachloroethene
Concen: 15.762 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55



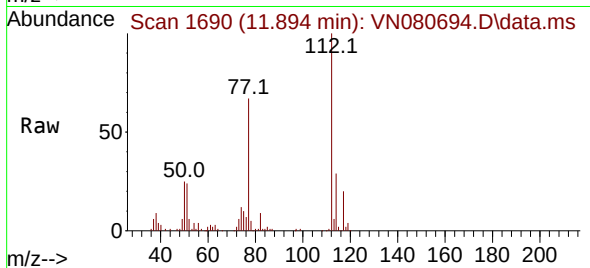
Tgt Ion:164 Resp: 30907
Ion Ratio Lower Upper
164 100
166 131.8 101.4 152.0
129 110.4 82.4 123.6
131 98.9 78.2 117.4





#65
Chlorobenzene
Concen: 18.109 ug/l
RT: 11.894 min Scan# 11297
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



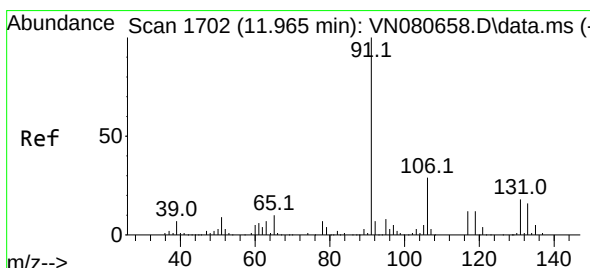
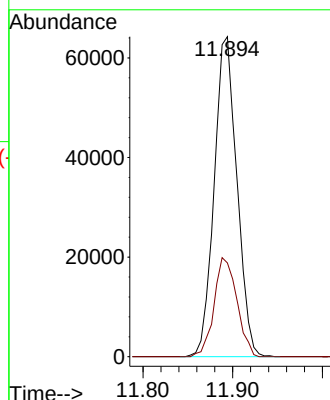
Tgt Ion:112 Resp: 11297
Ion Ratio Lower Upper
112 100
114 29.3 25.0 37.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

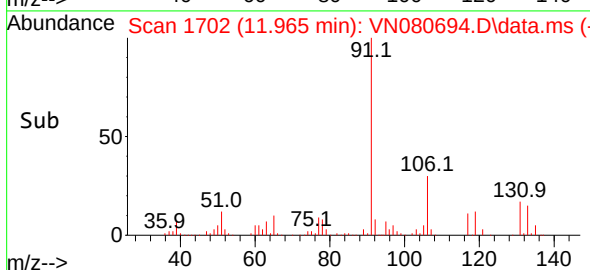
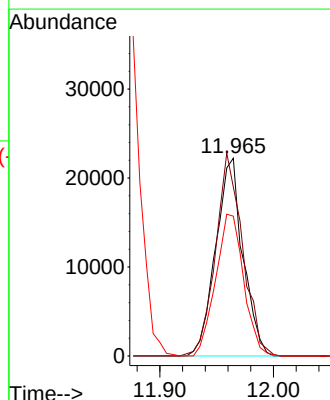
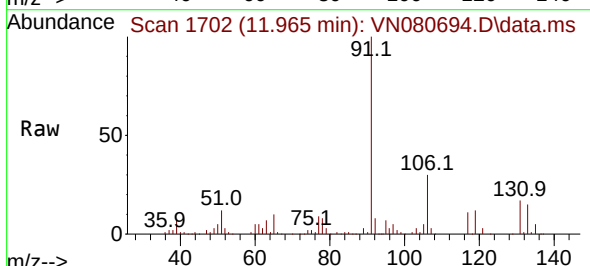
01/15/2024
Supervised By :Mahesh
Dadoda

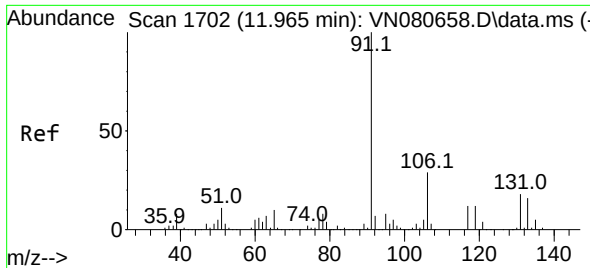
01/15/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 16.733 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

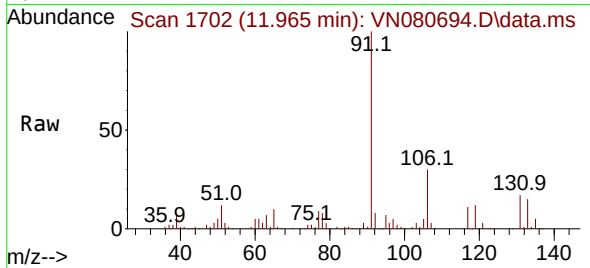
Tgt Ion:131 Resp: 37063
Ion Ratio Lower Upper
131 100
133 101.8 46.4 139.1
119 73.6 34.1 102.2





#67
Ethyl Benzene
Concen: 18.094 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



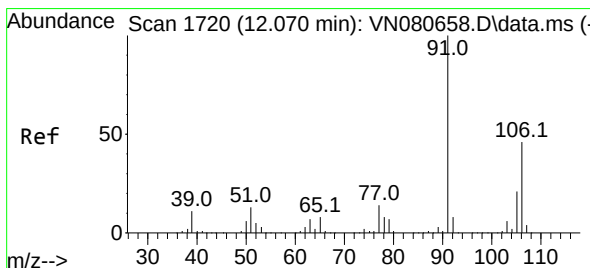
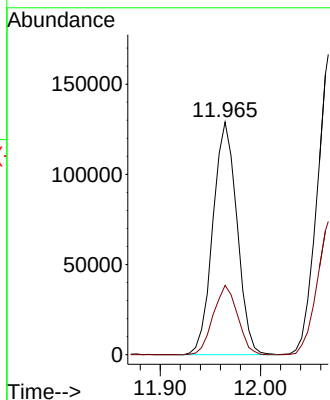
Tgt Ion: 91 Resp: 215540
Ion Ratio Lower Upper
91 100
106 29.8 25.6 38.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

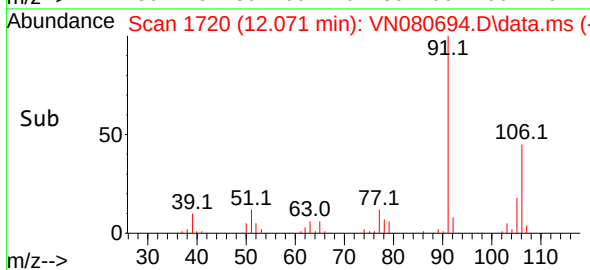
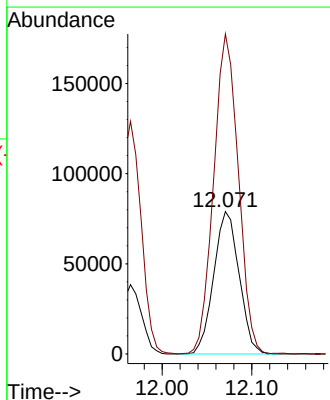
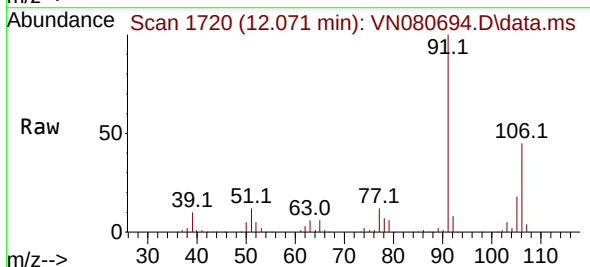
01/15/2024
Supervised By :Mahesh
Dadoda

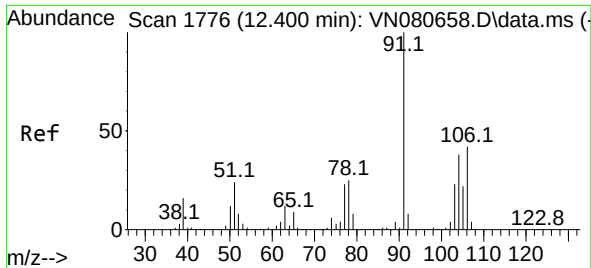
01/15/2024



#68
m/p-Xylenes
Concen: 37.040 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

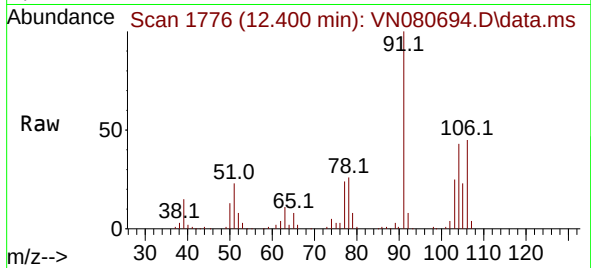
Tgt Ion:106 Resp: 155124
Ion Ratio Lower Upper
106 100
91 218.9 159.6 239.4





#69
o-Xylene
Concen: 19.573 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



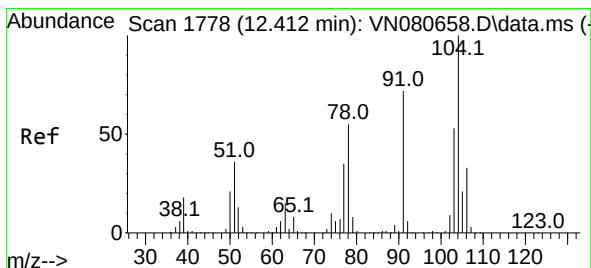
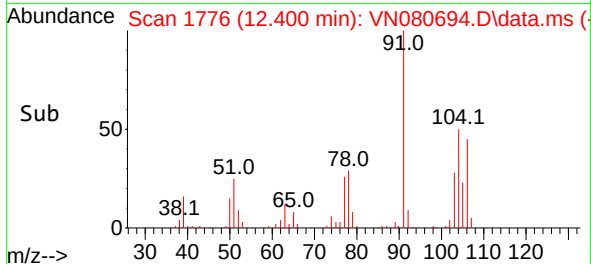
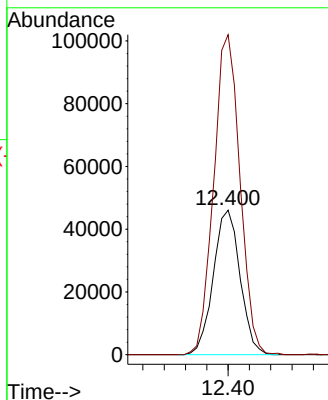
Tgt Ion:106 Resp: 80150
Ion Ratio Lower Upper
106 100
91 217.4 105.2 315.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

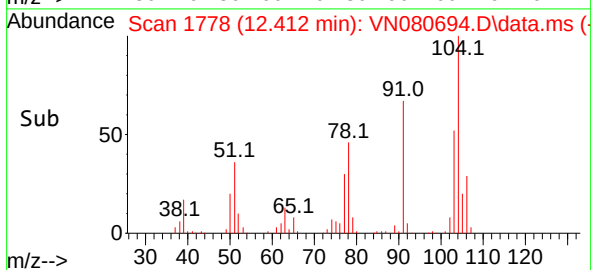
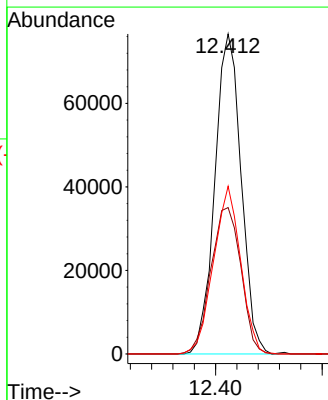
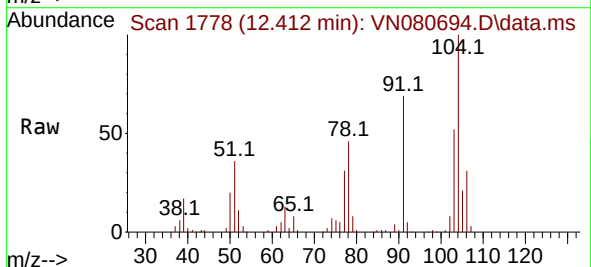
01/15/2024
Supervised By :Mahesh
Dadoda

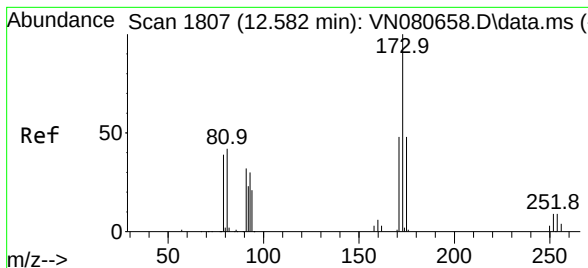
01/15/2024



#70
Styrene
Concen: 18.851 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

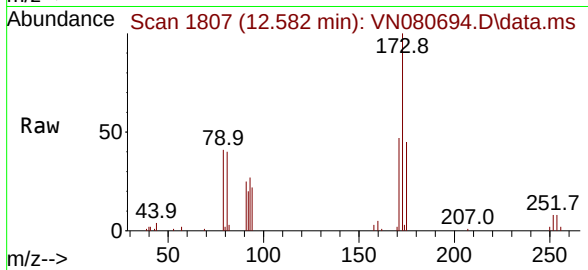
Tgt Ion:104 Resp: 131078
Ion Ratio Lower Upper
104 100
78 52.4 39.5 59.3
103 54.1 43.2 64.8





#71
Bromoform
Concen: 16.390 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



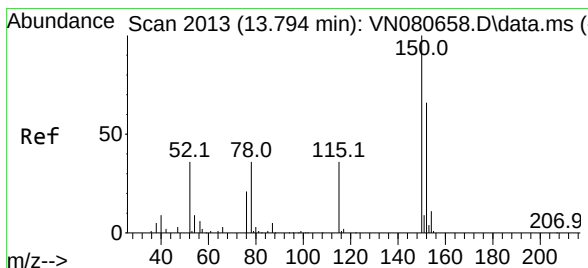
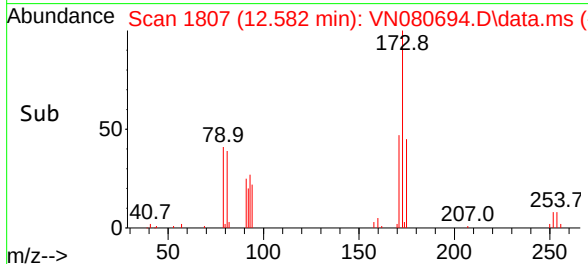
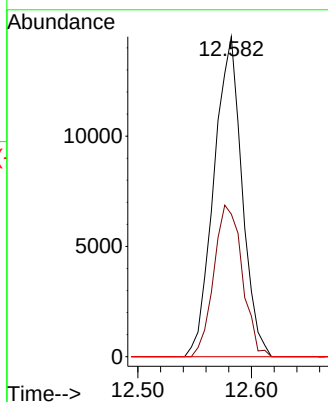
Tgt Ion:173 Resp: 24970
Ion Ratio Lower Upper
173 100
175 47.9 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
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Reviewed By :John
Carlone

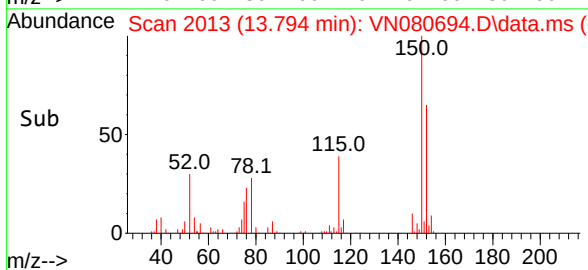
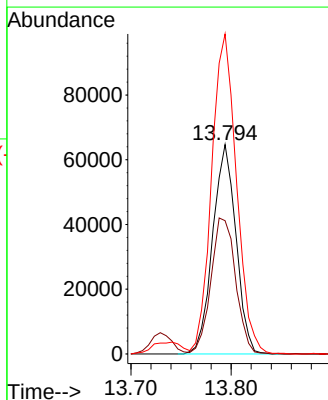
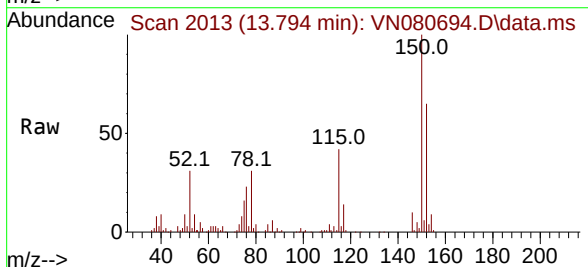
01/15/2024
Supervised By :Mahesh
Dadoda

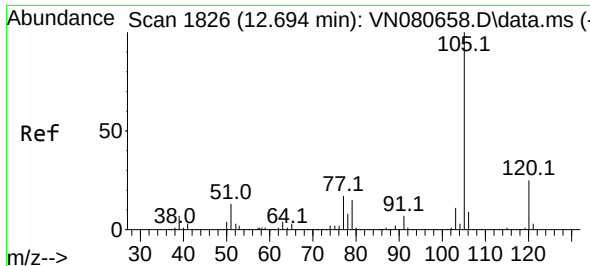
01/15/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Tgt Ion:152 Resp: 104341
Ion Ratio Lower Upper
152 100
115 68.9 32.3 96.8
150 163.3 0.0 355.8





#73
Isopropylbenzene
Concen: 19.026 ug/l
RT: 12.700 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02

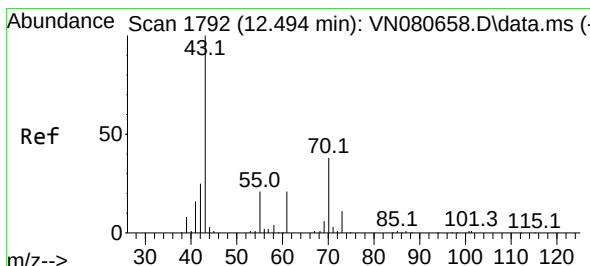
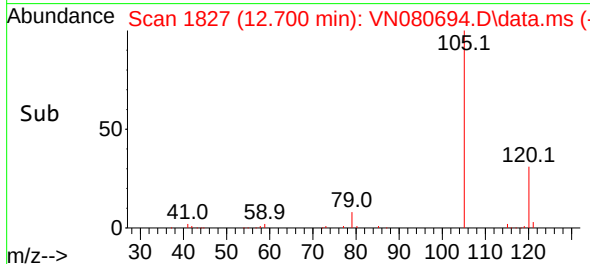
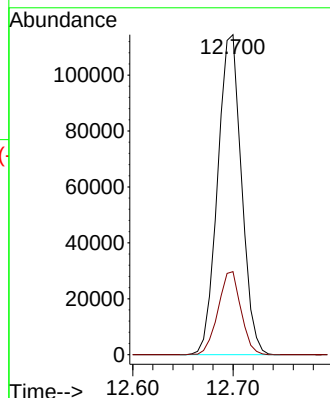
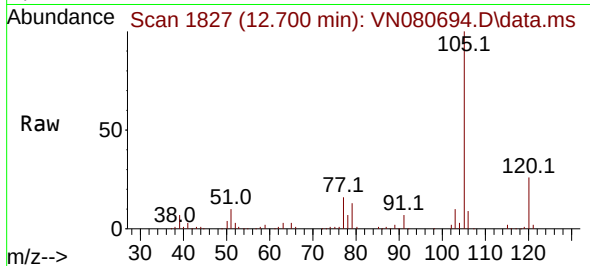
Tgt Ion:105 Resp: 188776
Ion Ratio Lower Upper
105 100
120 24.9 13.1 39.1

Manual Integrations
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Reviewed By :John
Carlone

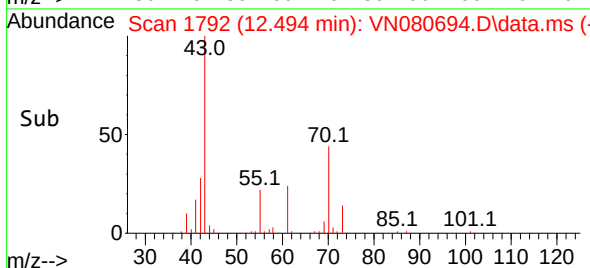
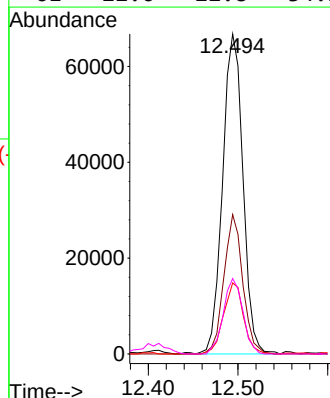
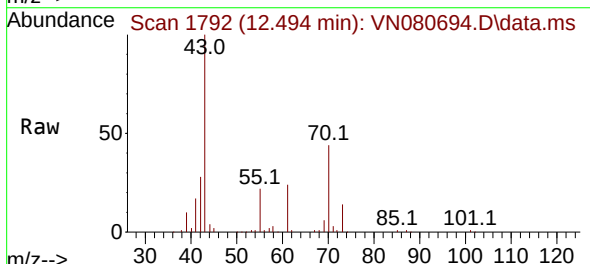
01/15/2024
Supervised By :Mahesh
Dadoda

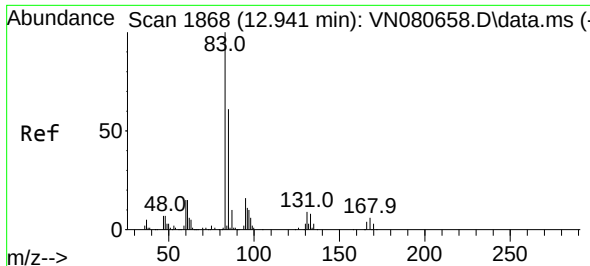
01/15/2024



#74
N-ethyl acetate
Concen: 17.668 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

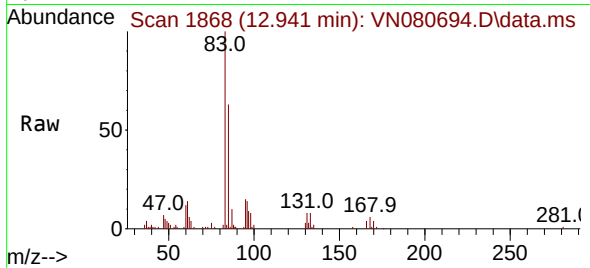
Tgt Ion: 43 Resp: 105202
Ion Ratio Lower Upper
43 100
70 40.4 43.4 65.2#
55 21.8 21.4 32.0
61 22.6 22.8 34.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 18.679 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



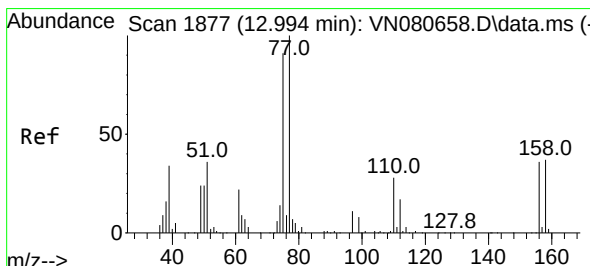
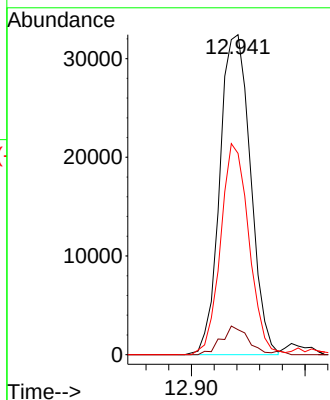
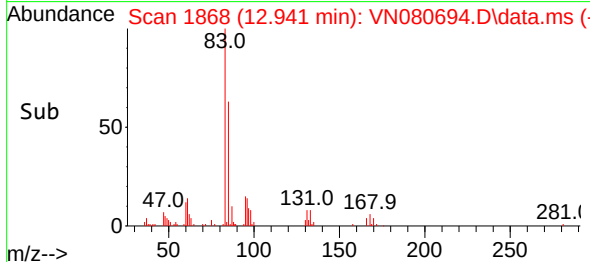
Tgt Ion: 83 Resp: 60790
Ion Ratio Lower Upper
83 100
131 7.8 5.0 15.0
85 60.9 31.9 95.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

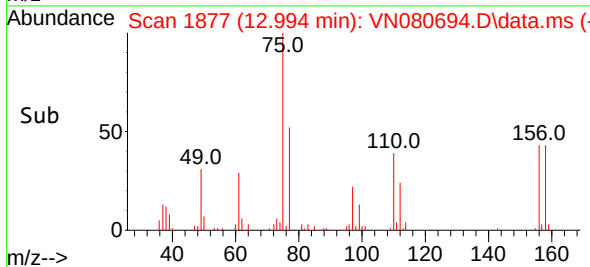
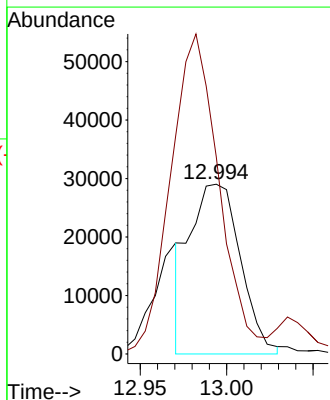
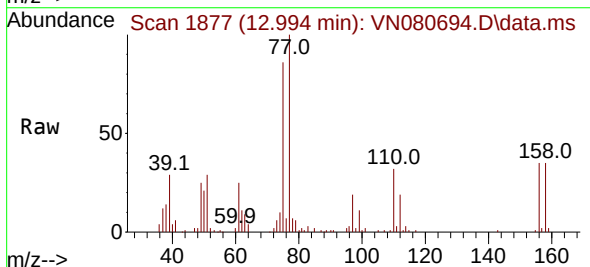
01/15/2024
Supervised By :Mahesh
Dadoda

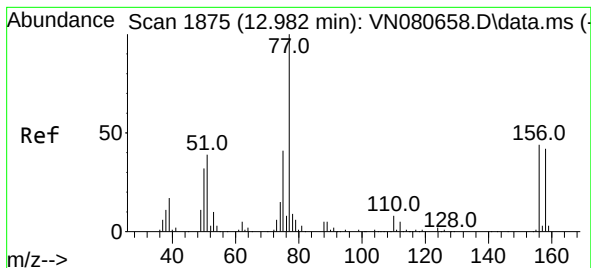
01/15/2024



#76
1,2,3-Trichloropropane
Concen: 18.224 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Tgt Ion: 75 Resp: 58634
Ion Ratio Lower Upper
75 100
77 182.4 84.5 253.5





#77

Bromobenzene

Concen: 18.144 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080694.D

Acq: 12 Jan 2024 16:55

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBS02

Tgt Ion:	156	Resp:	3823
Ion Ratio	Lower	Upper	
156	100		
77	279.7	107.7	323.3
158	99.6	48.4	145.3

Manual Integrations

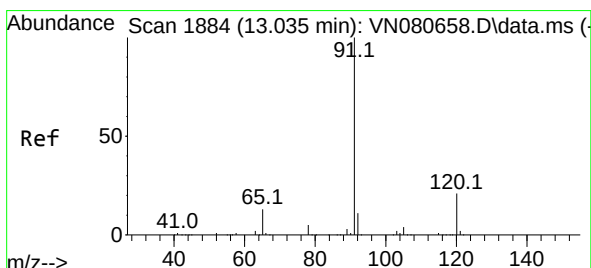
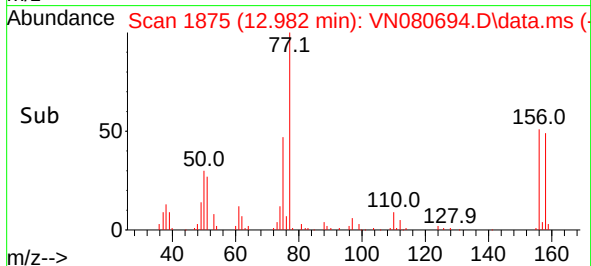
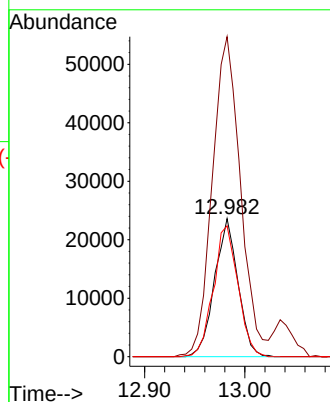
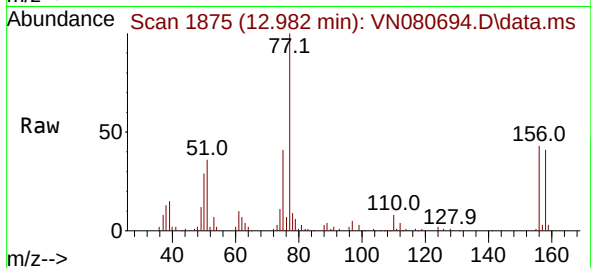
APPROVED

Reviewed By :John
Carlone

01/15/2024

Supervised By :Mahesh
Dadoda

01/15/2024



#78

n-propylbenzene

Concen: 18.902 ug/l

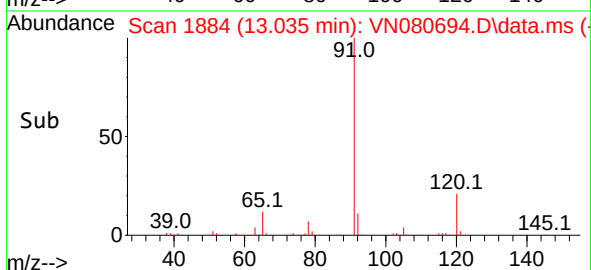
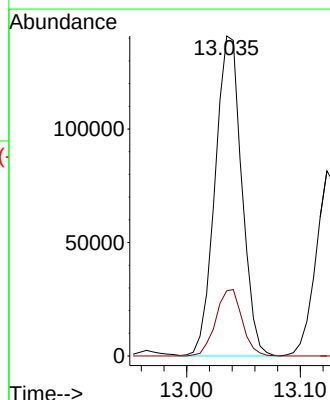
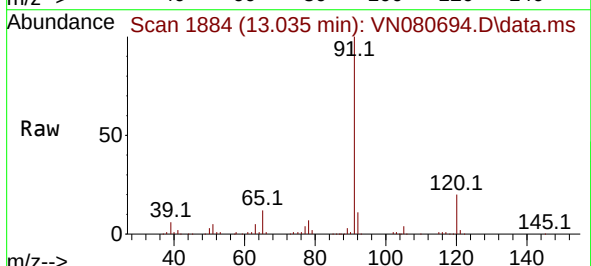
RT: 13.035 min Scan# 1884

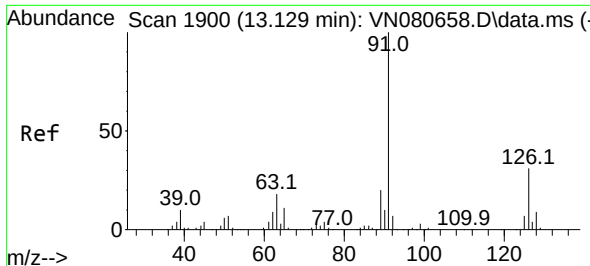
Delta R.T. 0.000 min

Lab File: VN080694.D

Acq: 12 Jan 2024 16:55

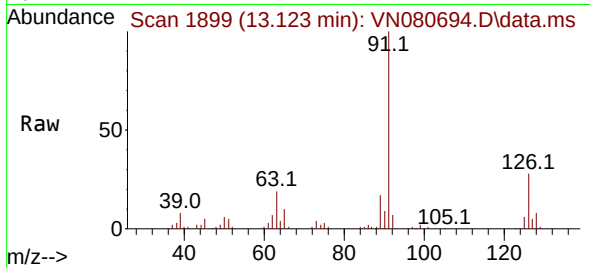
Tgt Ion:	91	Resp:	230070
Ion Ratio	Lower	Upper	
91	100		
120	20.4	11.5	34.4





#79
2-Chlorotoluene
Concen: 17.917 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



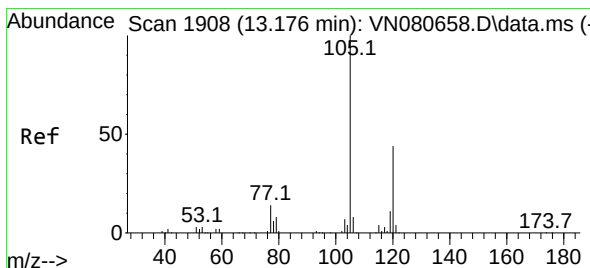
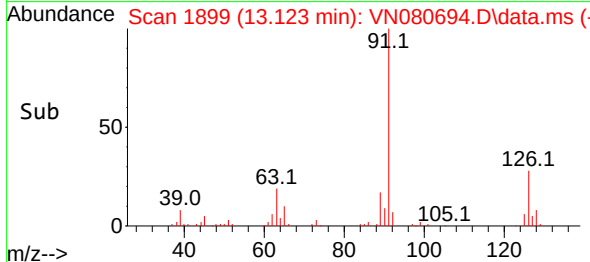
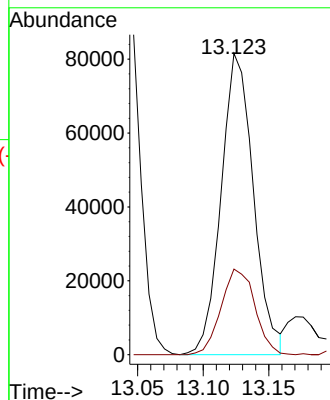
Tgt Ion: 91 Resp: 139758
Ion Ratio Lower Upper
91 100
126 29.7 16.3 48.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

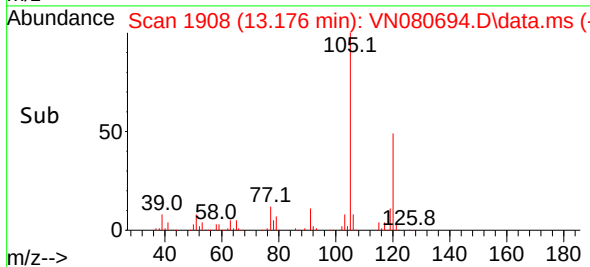
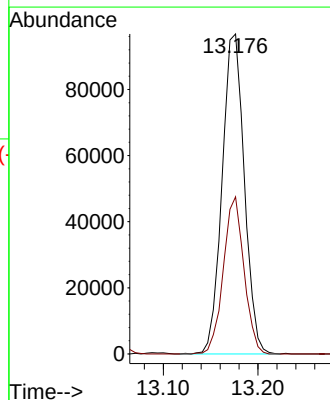
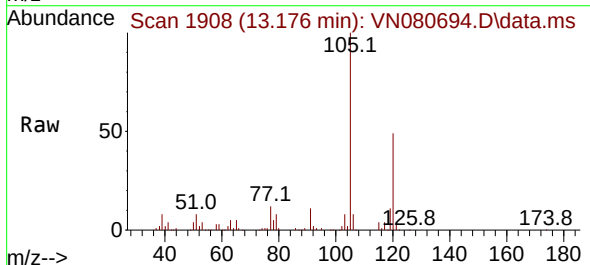
01/15/2024
Supervised By :Mahesh
Dadoda

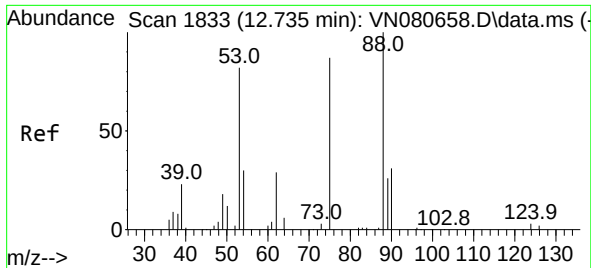
01/15/2024



#80
1,3,5-Trimethylbenzene
Concen: 19.065 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

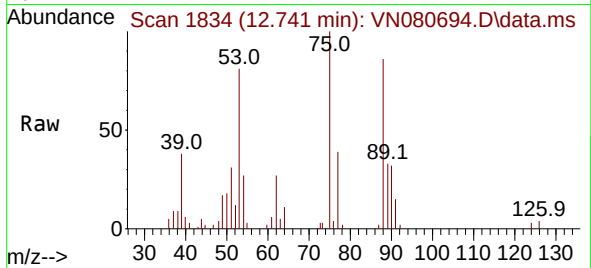
Tgt Ion:105 Resp: 157649
Ion Ratio Lower Upper
105 100
120 45.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.265 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



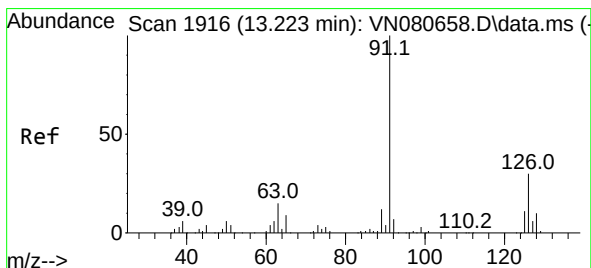
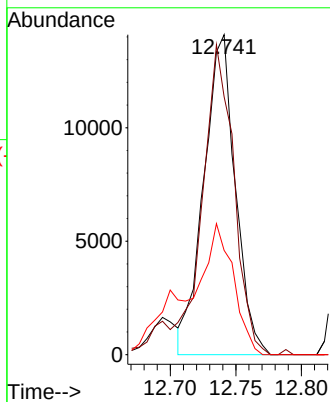
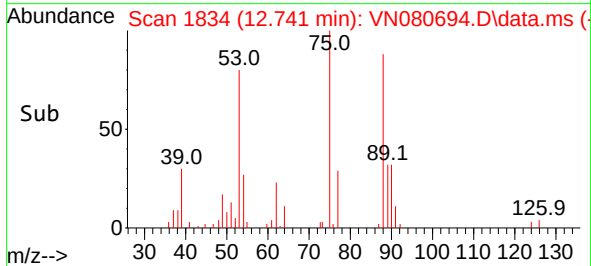
Tgt Ion: 75 Resp: 23564
Ion Ratio Lower Upper
75 100
53 103.8 67.4 101.2
89 41.1 38.8 58.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

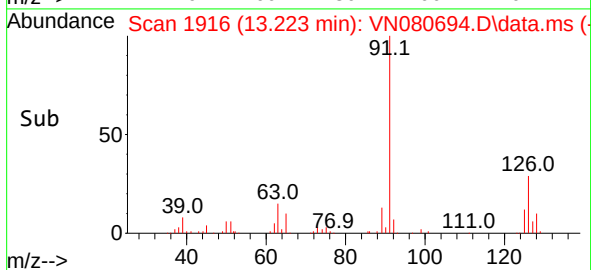
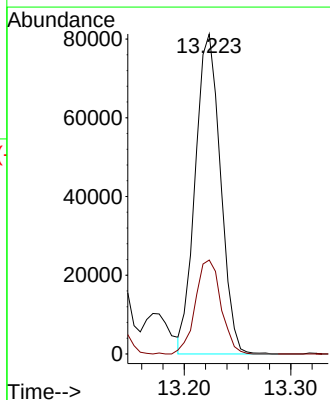
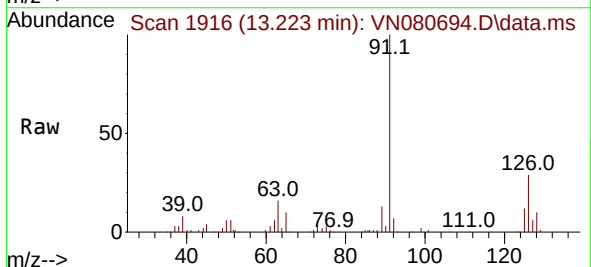
01/15/2024
Supervised By :Mahesh
Dadoda

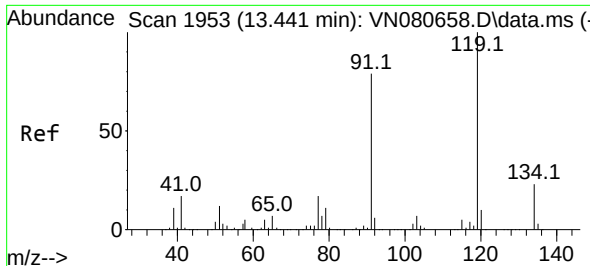
01/15/2024



#82
4-Chlorotoluene
Concen: 17.516 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

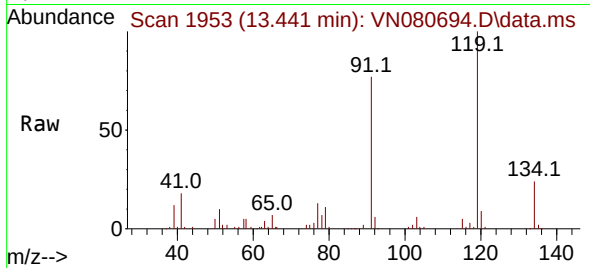
Tgt Ion: 91 Resp: 133948
Ion Ratio Lower Upper
91 100
126 29.7 16.7 50.0





#83
tert-Butylbenzene
Concen: 18.489 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



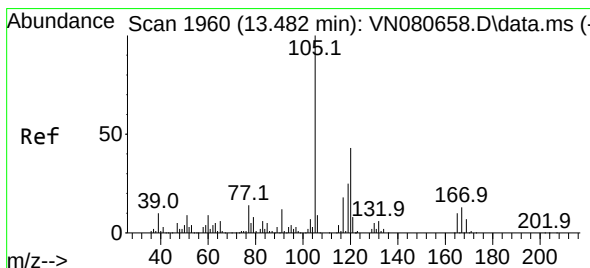
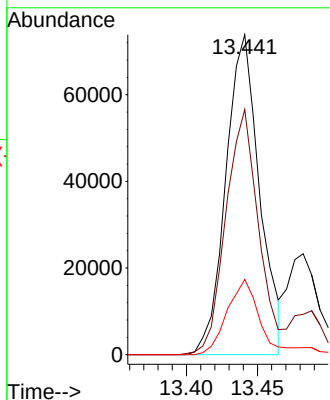
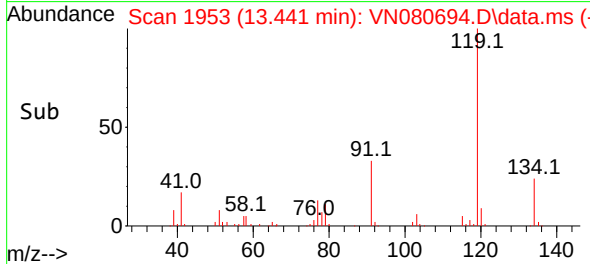
Tgt Ion:119 Resp: 12222
Ion Ratio Lower Upper
119 100
91 75.5 33.9 101.7
134 23.8 13.2 39.6

Manual Integrations
APPROVED

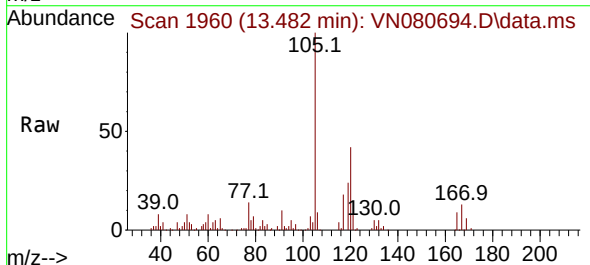
Reviewed By :John
Carlone

01/15/2024
Supervised By :Mahesh
Dadoda

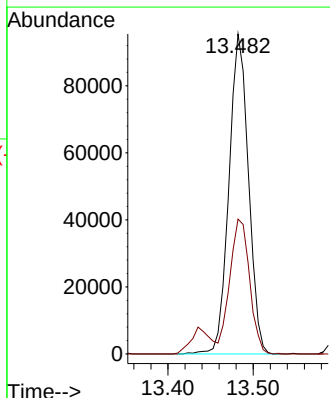
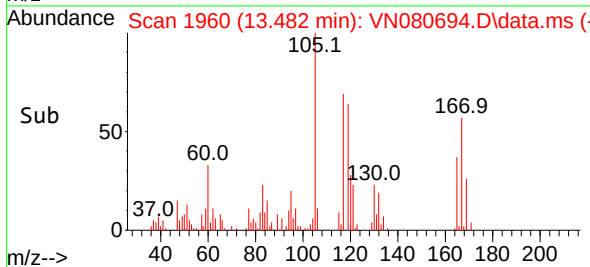
01/15/2024

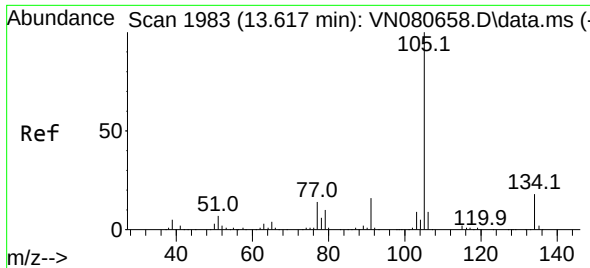


#84
1,2,4-Trimethylbenzene
Concen: 18.653 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55



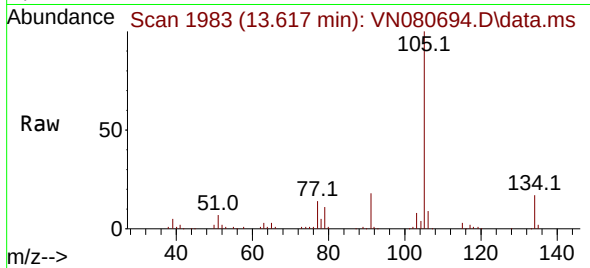
Tgt Ion:105 Resp: 151671
Ion Ratio Lower Upper
105 100
120 42.7 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.673 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080694.D
 Acq: 12 Jan 2024 16:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0112WBS02



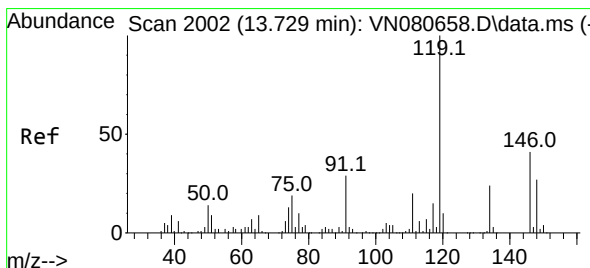
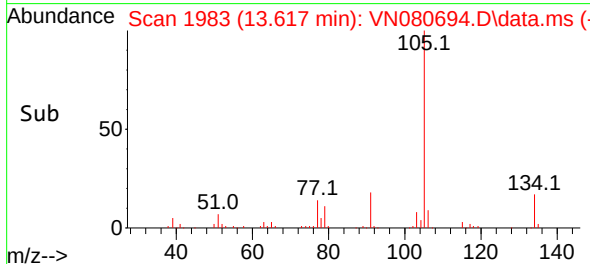
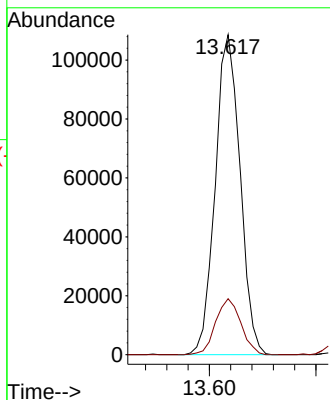
Tgt Ion:105 Resp: 17538
 Ion Ratio Lower Upper
 105 100
 134 17.8 9.8 29.3

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

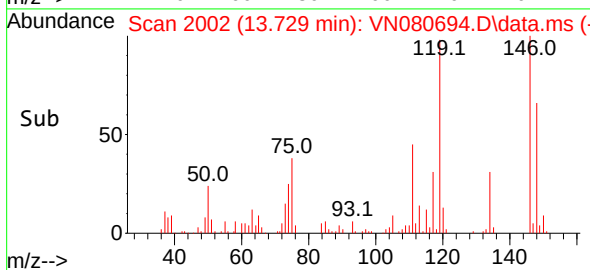
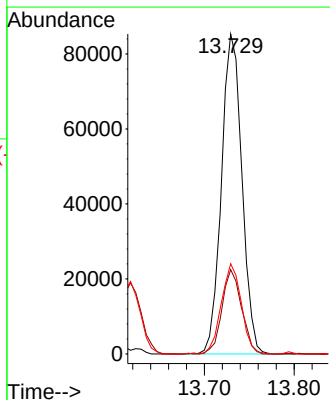
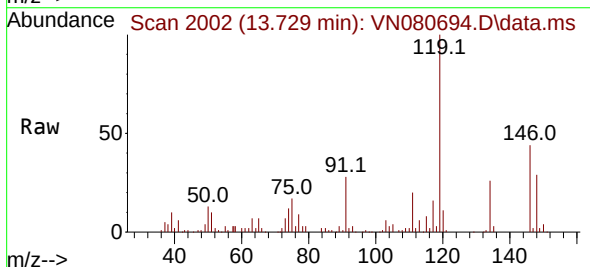
01/15/2024
 Supervised By :Mahesh
 Dadoda

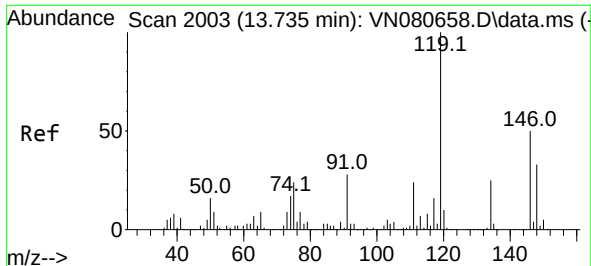
01/15/2024



#86
 p-Isopropyltoluene
 Concen: 18.220 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080694.D
 Acq: 12 Jan 2024 16:55

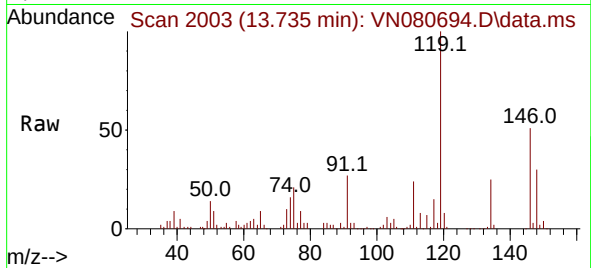
Tgt Ion:119 Resp: 135157
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 27.5 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 18.107 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



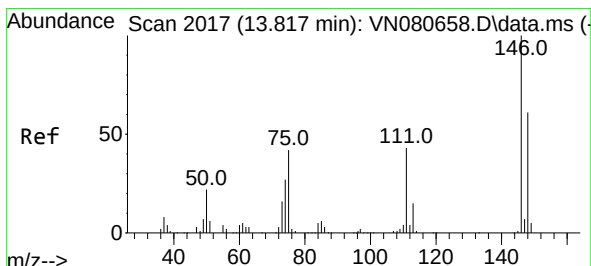
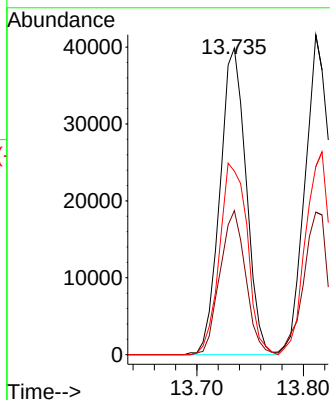
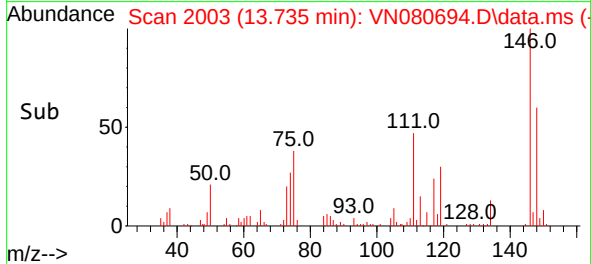
Tgt Ion:146 Resp: 68150
Ion Ratio Lower Upper
146 100
111 46.0 22.1 66.3
148 66.1 32.0 96.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

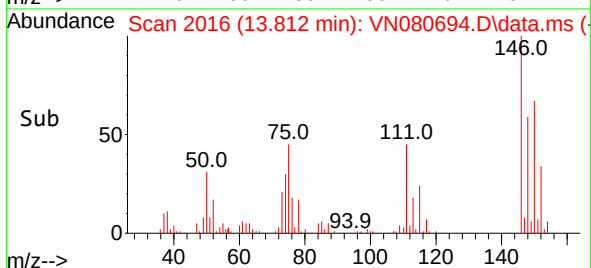
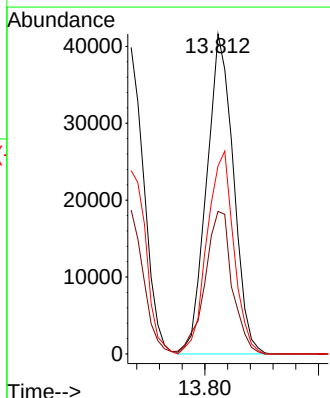
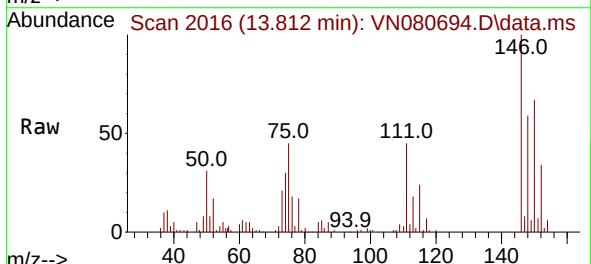
01/15/2024
Supervised By :Mahesh
Dadoda

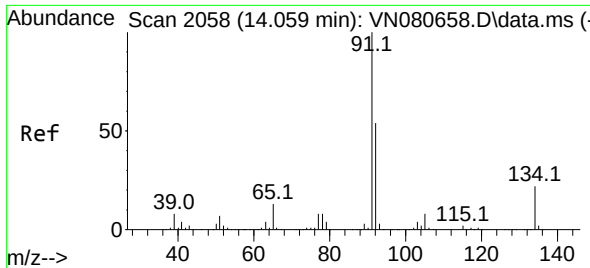
01/15/2024



#88
1,4-Dichlorobenzene
Concen: 17.789 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

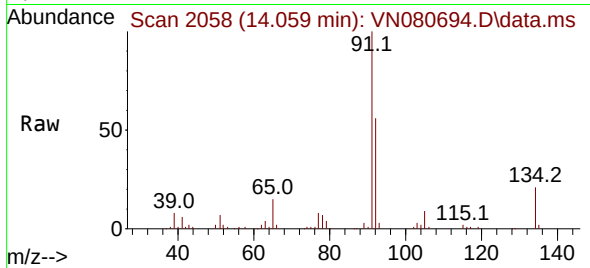
Tgt Ion:146 Resp: 68217
Ion Ratio Lower Upper
146 100
111 45.5 20.6 61.8
148 63.3 31.6 94.8





#89
n-Butylbenzene
Concen: 17.941 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



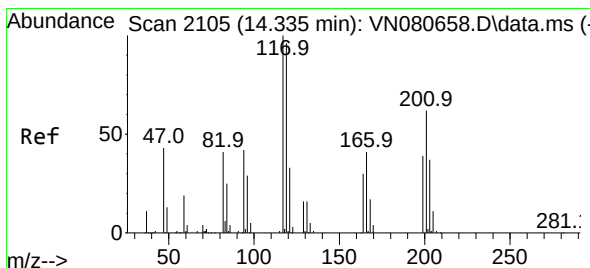
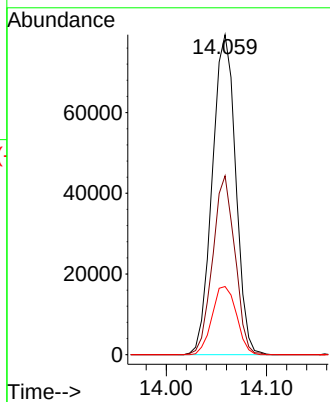
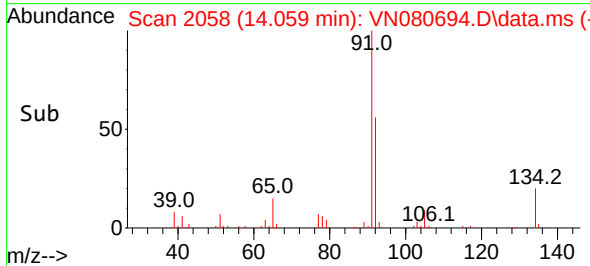
Tgt Ion: 91 Resp: 128279
Ion Ratio Lower Upper
91 100
92 53.1 26.4 79.0
134 22.2 12.6 37.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

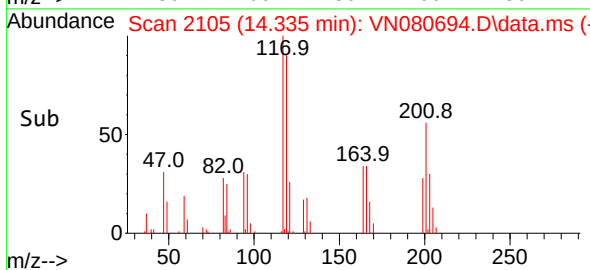
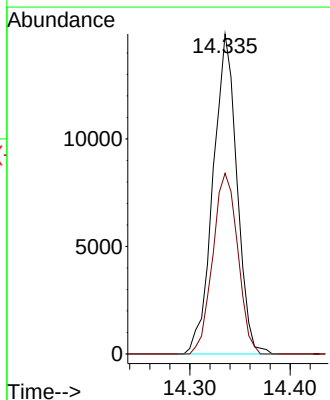
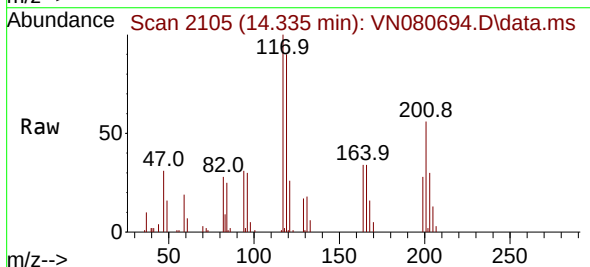
01/15/2024
Supervised By :Mahesh
Dadoda

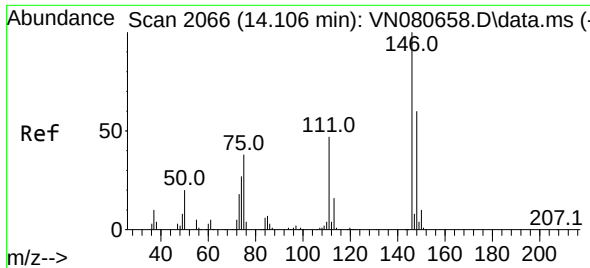
01/15/2024



#90
Hexachloroethane
Concen: 17.838 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Tgt Ion:117 Resp: 24539
Ion Ratio Lower Upper
117 100
201 59.1 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 18.841 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02

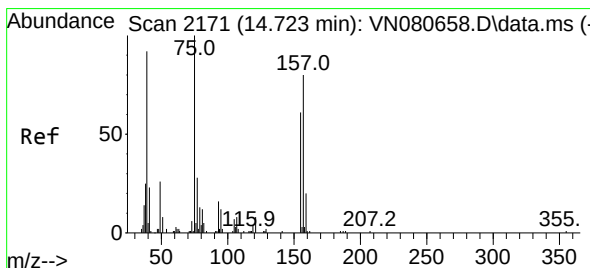
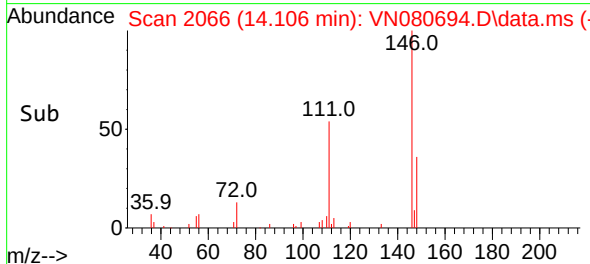
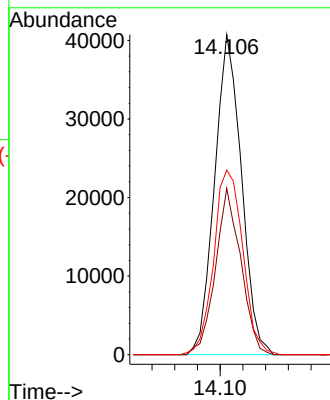
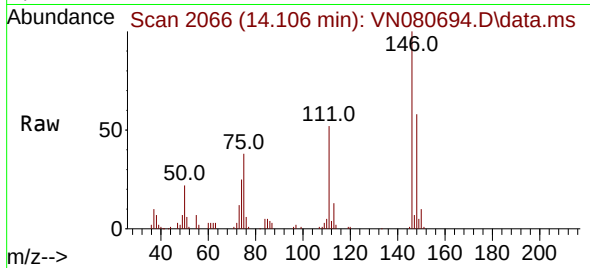
Tgt Ion:146 Resp: 6682
Ion Ratio Lower Upper
146 100
111 49.2 22.0 66.0
148 62.6 31.8 95.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

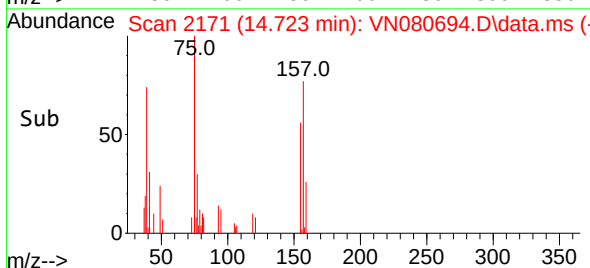
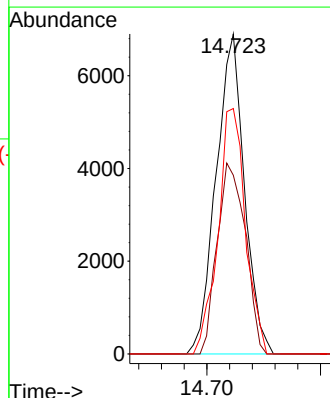
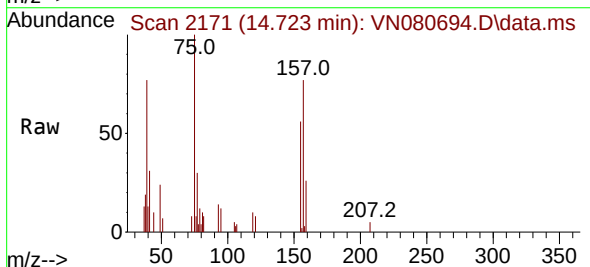
01/15/2024
Supervised By :Mahesh
Dadoda

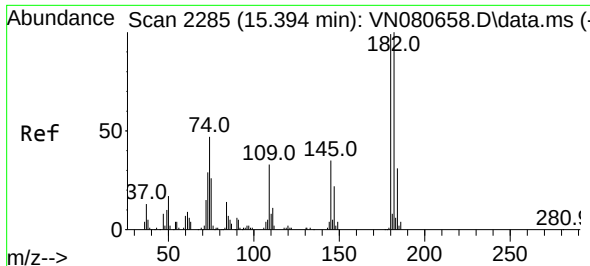
01/15/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 15.773 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

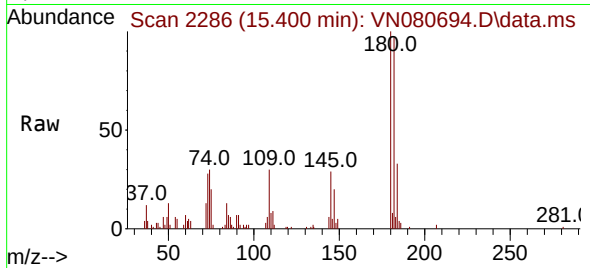
Tgt Ion: 75 Resp: 11940
Ion Ratio Lower Upper
75 100
155 59.6 39.1 117.2
157 74.2 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 16.916 ug/l
RT: 15.400 min Scan# 21249
Delta R.T. 0.006 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



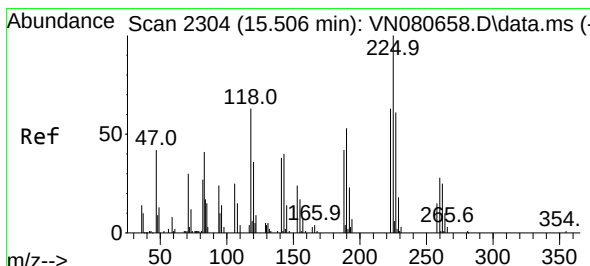
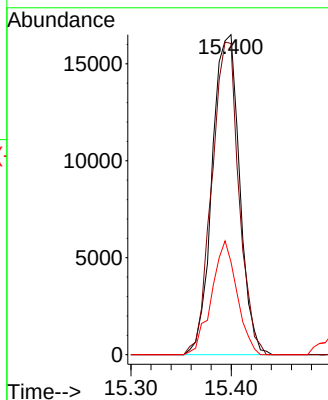
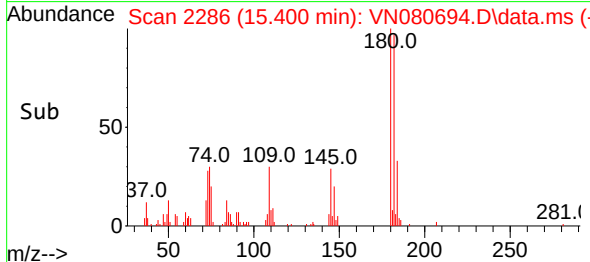
Tgt Ion:180 Resp: 31249
Ion Ratio Lower Upper
180 100
182 96.9 46.1 138.2
145 33.0 16.6 49.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

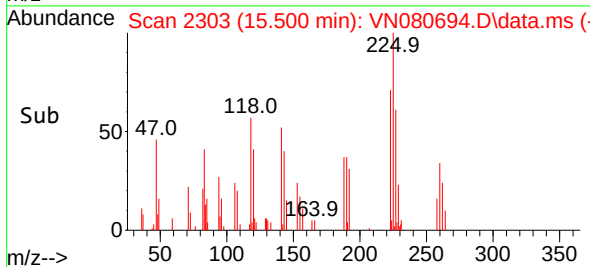
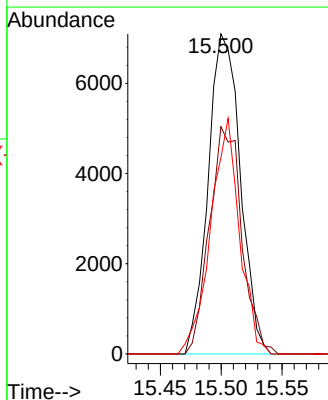
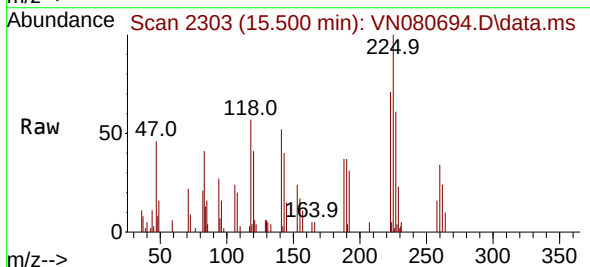
01/15/2024
Supervised By :Mahesh
Dadoda

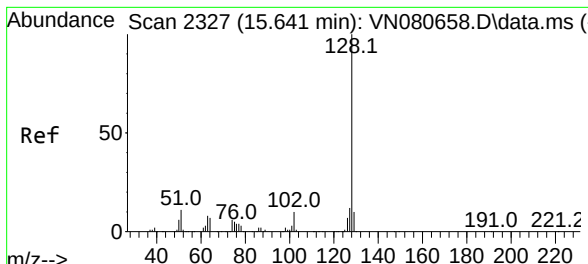
01/15/2024



#94
Hexachlorobutadiene
Concen: 14.718 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

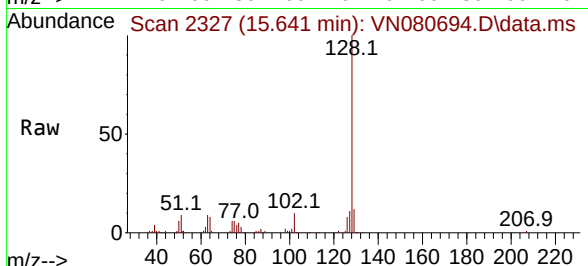
Tgt Ion:225 Resp: 13048
Ion Ratio Lower Upper
225 100
223 71.6 31.3 93.8
227 66.1 31.9 95.9





#95
Naphthalene
Concen: 16.208 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



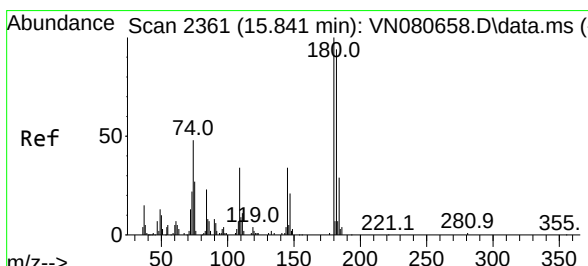
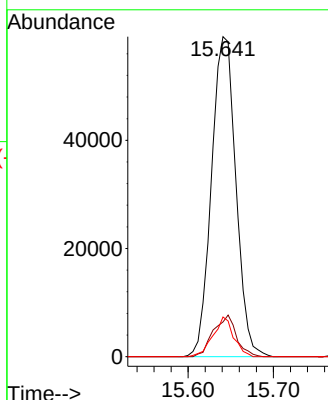
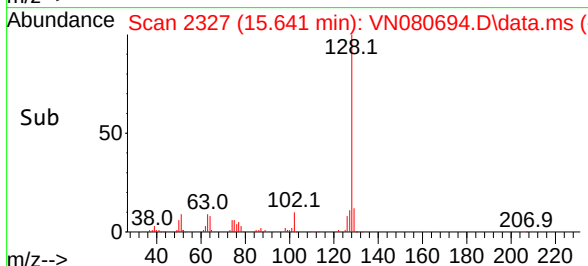
Tgt Ion:128 Resp: 11783
Ion Ratio Lower Upper
128 100
127 12.2 10.0 15.0
129 10.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

01/15/2024
Supervised By :Mahesh
Dadoda

01/15/2024



#96
1,2,3-Trichlorobenzene
Concen: 17.743 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080694.D
Acq: 12 Jan 2024 16:55

Tgt Ion:180 Resp: 31726
Ion Ratio Lower Upper
180 100
182 87.7 46.2 138.6
145 35.1 17.5 52.6

