

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011224\
 Data File : VN080683.D
 Acq On : 12 Jan 2024 12:13
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

01/15/2024
 Supervised By :Mahesh
 Dadoda

Quant Time: Jan 12 22:09:18 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	167344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	339821	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	284324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109668	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	139232	47.378	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.760%
35) Dibromofluoromethane	8.165	113	99750	51.663	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.320%
50) Toluene-d8	10.565	98	406072	55.156	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.320%
62) 4-Bromofluorobenzene	12.847	95	144428	51.157	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	128038	47.095	ug/l	97
3) Chloromethane	2.359	50	172942	56.271	ug/l	99
4) Vinyl Chloride	2.512	62	132762	53.823	ug/l	98
5) Bromomethane	2.947	94	48041	51.241	ug/l	95
6) Chloroethane	3.118	64	70313	53.180	ug/l	97
7) Trichlorofluoromethane	3.494	101	185053	45.429	ug/l	98
8) Diethyl Ether	3.953	74	90078	50.600	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.371	101	110179	49.626	ug/l	93
10) Methyl Iodide	4.583	142	96026	51.724	ug/l	92
11) Tert butyl alcohol	5.506	59	108809	218.934	ug/l	98
12) 1,1-Dichloroethene	4.336	96	117865	47.175	ug/l	82
13) Acrolein	4.171	56	96591	232.602	ug/l	97
14) Allyl chloride	5.024	41	229578	46.354	ug/l #	92
15) Acrylonitrile	5.712	53	321410	247.653	ug/l	100
16) Acetone	4.418	43	187810	194.661	ug/l	97
17) Carbon Disulfide	4.712	76	372619	48.761	ug/l	98
18) Methyl Acetate	5.012	43	145195	50.538	ug/l #	81
19) Methyl tert-butyl Ether	5.788	73	419564	48.734	ug/l #	89
20) Methylene Chloride	5.271	84	134794	47.858	ug/l #	81
21) trans-1,2-Dichloroethene	5.788	96	130378	51.447	ug/l #	77
22) Diisopropyl ether	6.671	45	500001	53.537	ug/l #	89
23) Vinyl Acetate	6.600	43	1947108	256.151	ug/l #	83
24) 1,1-Dichloroethane	6.565	63	265701	51.972	ug/l	97
25) 2-Butanone	7.482	43	391609	224.551	ug/l #	80
26) 2,2-Dichloropropane	7.482	77	220515	49.320	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	145544	52.097	ug/l	75
28) Bromochloromethane	7.812	49	129472	54.172	ug/l #	61
29) Tetrahydrofuran	7.835	42	289468	246.257	ug/l #	71
30) Chloroform	7.965	83	246190	51.368	ug/l	92
31) Cyclohexane	8.253	56	225978	49.773	ug/l #	77
32) 1,1,1-Trichloroethane	8.171	97	208037	48.763	ug/l	92
36) 1,1-Dichloropropene	8.371	75	190559	48.181	ug/l	95
37) Ethyl Acetate	7.559	43	176419	46.000	ug/l #	91
38) Carbon Tetrachloride	8.359	117	162294	45.702	ug/l	97
39) Methylcyclohexane	9.600	83	194267	51.327	ug/l #	79
40) Benzene	8.606	78	585379	52.649	ug/l	99

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Manual Integrations

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Supervised By :Mahesh
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01/15/2024

Quant Time: Jan 12 22:09:18 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.777	41	104682	47.056	ug/l	#	81
42) 1,2-Dichloroethane	8.665	62	191694	45.035	ug/l		98
43) Isopropyl Acetate	8.682	43	340876	48.353	ug/l	#	89
44) Trichloroethene	9.353	130	124193	49.341	ug/l		90
45) 1,2-Dichloropropane	9.618	63	153386	52.036	ug/l		98
46) Dibromomethane	9.706	93	90683	48.624	ug/l		94
47) Bromodichloromethane	9.888	83	191160	46.181	ug/l	#	99
48) Methyl methacrylate	9.676	41	158133	47.378	ug/l	#	76
49) 1,4-Dioxane	9.688	88	38046	914.843	ug/l	#	71
51) 4-Methyl-2-Pentanone	10.441	43	901497	237.036	ug/l		87
52) Toluene	10.629	92	338485	53.135	ug/l		100
53) t-1,3-Dichloropropene	10.835	75	229562	49.965	ug/l		99
54) cis-1,3-Dichloropropene	10.312	75	248744	51.053	ug/l	#	83
55) 1,1,2-Trichloroethane	11.018	97	127221	51.885	ug/l		92
56) Ethyl methacrylate	10.876	69	223122	50.805	ug/l	#	81
57) 1,3-Dichloropropane	11.165	76	232970	52.045	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.159	63	560083	266.260	ug/l	#	85
59) 2-Hexanone	11.194	43	658717	234.621	ug/l		85
60) Dibromochloromethane	11.359	129	123096	48.848	ug/l		97
61) 1,2-Dibromoethane	11.470	107	122241	50.716	ug/l		97
64) Tetrachloroethene	11.106	164	97742	50.058	ug/l		98
65) Chlorobenzene	11.894	112	327893	52.785	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	111364	50.494	ug/l		98
67) Ethyl Benzene	11.965	91	625255	52.712	ug/l		92
68) m/p-Xylenes	12.070	106	447278	107.256	ug/l		90
69) o-Xylene	12.400	106	222713	54.621	ug/l		91
70) Styrene	12.412	104	367553	53.085	ug/l		94
71) Bromoform	12.582	173	75425	49.709	ug/l	#	99
73) Isopropylbenzene	12.694	105	544955	52.256	ug/l		99
74) N-amyl acetate	12.494	43	305424	48.802	ug/l	#	83
75) 1,1,2,2-Tetrachloroethane	12.941	83	169596	49.576	ug/l		98
76) 1,2,3-Trichloropropane	12.994	75	153688m	45.447	ug/l		
77) Bromobenzene	12.982	156	111262	50.231	ug/l		75
78) n-propylbenzene	13.035	91	666948	52.134	ug/l		95
79) 2-Chlorotoluene	13.129	91	404577	49.347	ug/l		95
80) 1,3,5-Trimethylbenzene	13.176	105	436323	50.203	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.735	75	76531	53.350	ug/l	#	67
82) 4-Chlorotoluene	13.223	91	404718	50.354	ug/l		94
83) tert-Butylbenzene	13.441	119	346618	49.887	ug/l		93
84) 1,2,4-Trimethylbenzene	13.482	105	437994	51.251	ug/l		99
85) sec-Butylbenzene	13.617	105	514163	52.083	ug/l		97
86) p-Isopropyltoluene	13.729	119	395753	50.759	ug/l		97
87) 1,3-Dichlorobenzene	13.735	146	196156	49.581	ug/l		98
88) 1,4-Dichlorobenzene	13.811	146	204384	50.710	ug/l		96
89) n-Butylbenzene	14.059	91	398364	53.008	ug/l		96
90) Hexachloroethane	14.335	117	71659	49.559	ug/l		98
91) 1,2-Dichlorobenzene	14.106	146	194301	52.118	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	33193	42.336	ug/l		82
93) 1,2,4-Trichlorobenzene	15.394	180	96798	49.855	ug/l		96
94) Hexachlorobutadiene	15.505	225	40943	43.940	ug/l		97
95) Naphthalene	15.641	128	363046	47.511	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	91225	48.540	ug/l		98

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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 :
VSTDCCC050

Manual Integrations
APPROVED

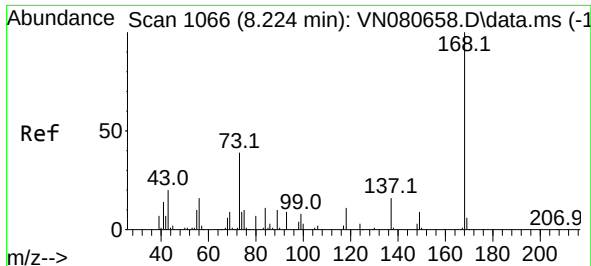
Reviewed By :John
Carlone

01/15/2024
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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080683.D
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Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 167344
Ion Ratio Lower Upper
168 100
99 73.8 53.0 79.6

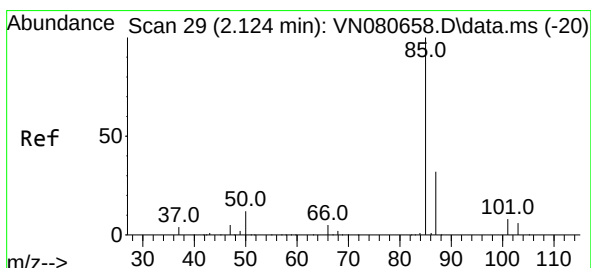
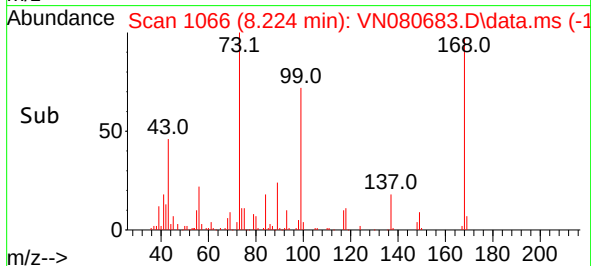
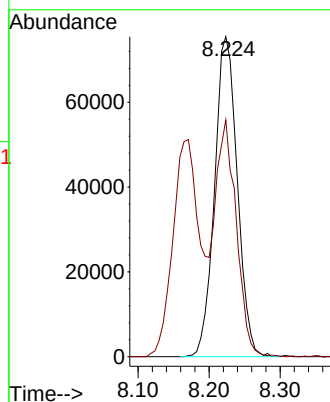
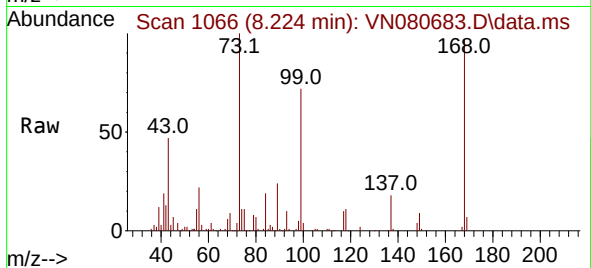
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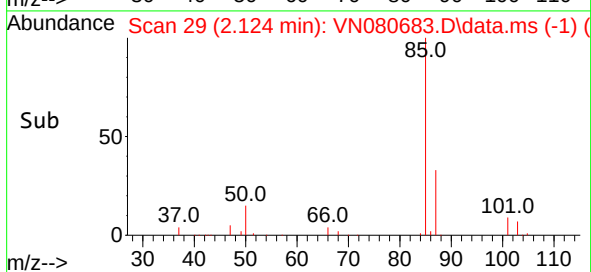
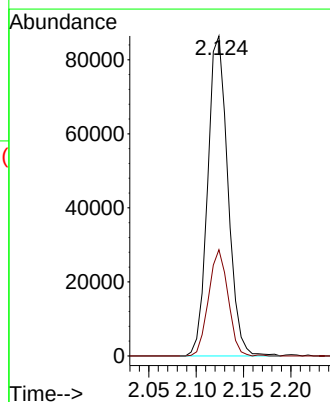
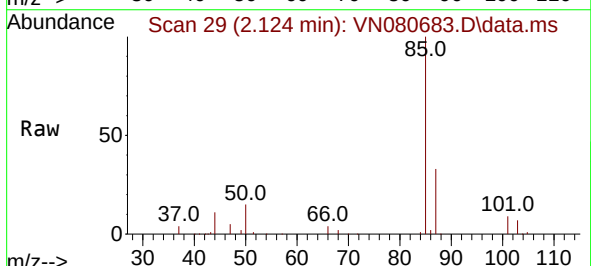
Supervised By :Mahesh
Dadoda

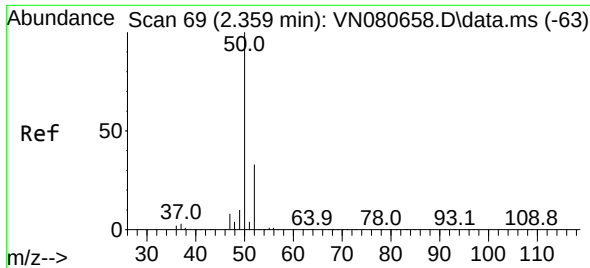
01/15/2024



#2
Dichlorodifluoromethane
Concen: 47.095 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

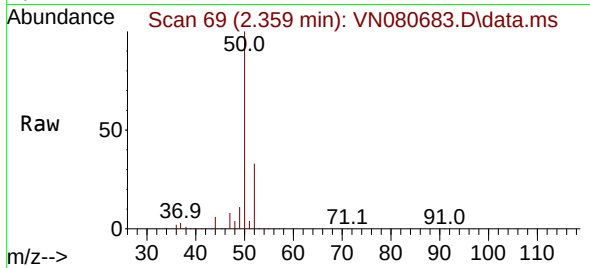
Tgt Ion: 85 Resp: 128038
Ion Ratio Lower Upper
85 100
87 33.2 15.8 47.4





#3
Chloromethane
Concen: 56.271 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Instrument :
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ClientSampleId :
VSTDCCC050



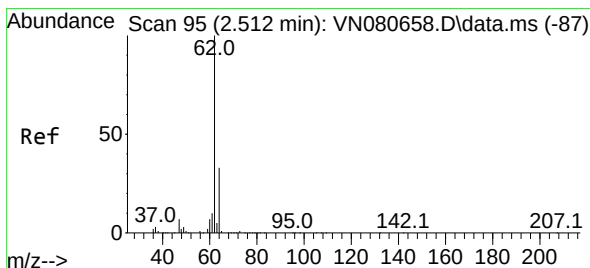
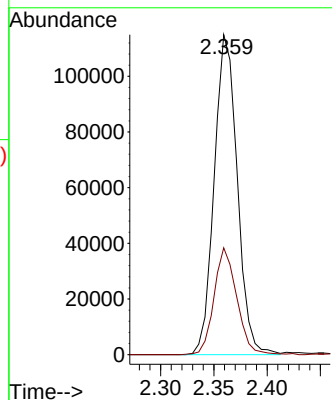
Tgt Ion: 50 Resp: 172942
Ion Ratio Lower Upper
50 100
52 33.4 26.5 39.7

Manual Integrations
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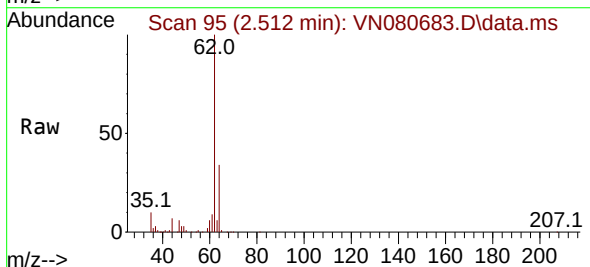
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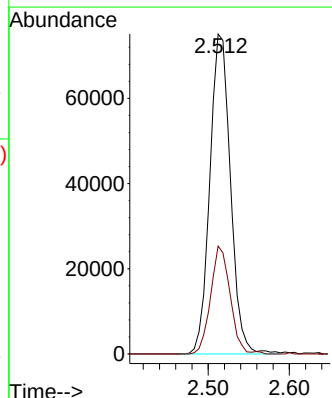
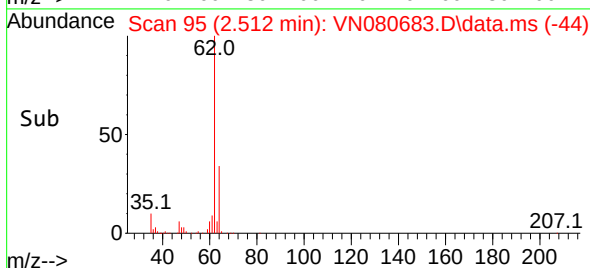
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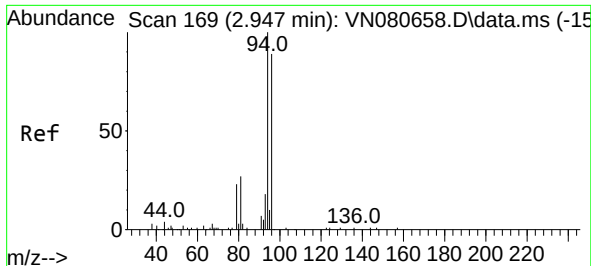


#4
Vinyl Chloride
Concen: 53.823 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13



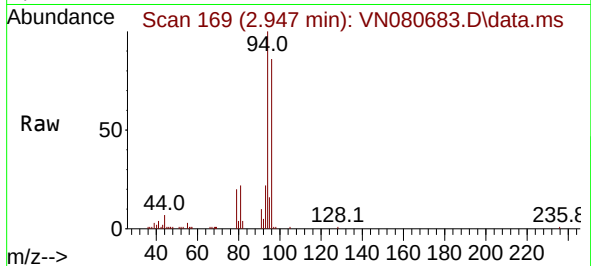
Tgt Ion: 62 Resp: 132762
Ion Ratio Lower Upper
62 100
64 33.7 26.2 39.2





#5
Bromomethane
Concen: 51.241 ug/l
RT: 2.947 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



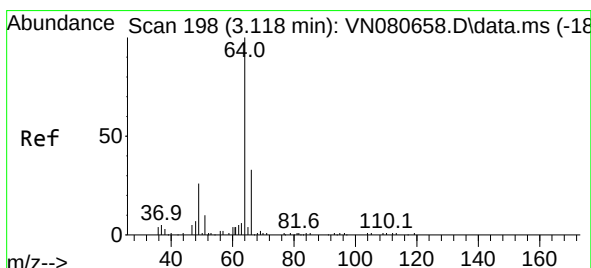
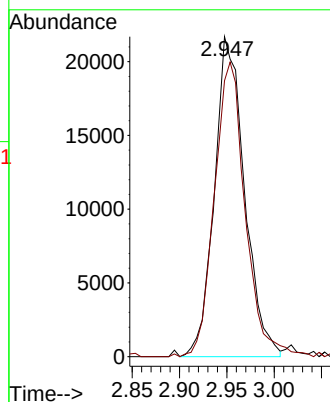
Tgt Ion: 94 Resp: 4804
Ion Ratio Lower Upper
94 100
96 86.2 73.1 109.7

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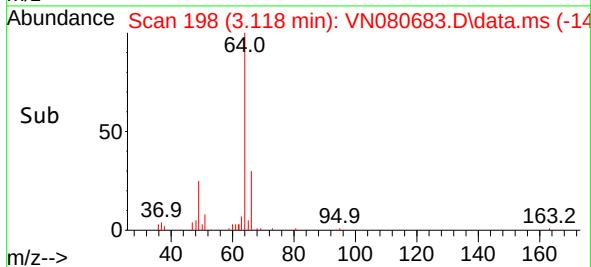
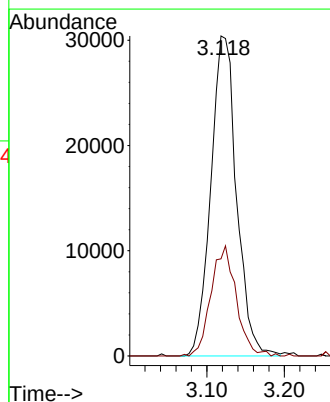
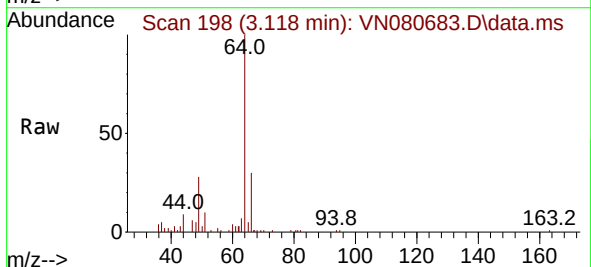
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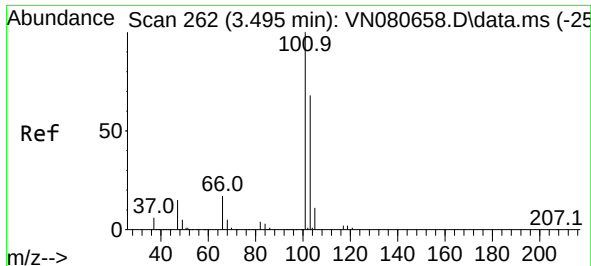
01/15/2024



#6
Chloroethane
Concen: 53.180 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

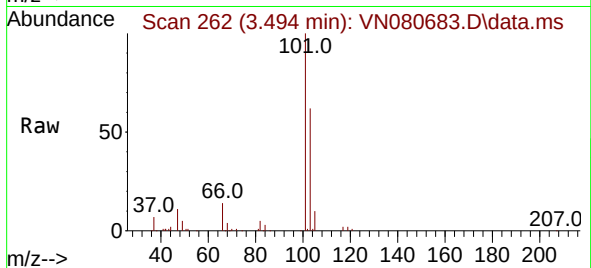
Tgt Ion: 64 Resp: 70313
Ion Ratio Lower Upper
64 100
66 30.3 25.4 38.2





#7
Trichlorofluoromethane
Concen: 45.429 ug/l
RT: 3.494 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN080683.D
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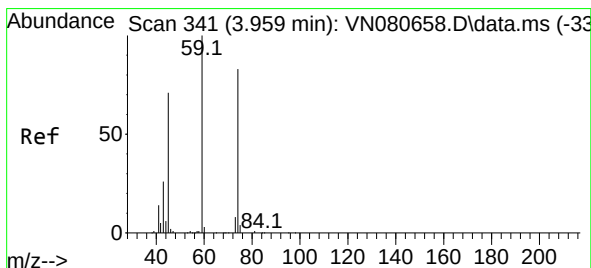
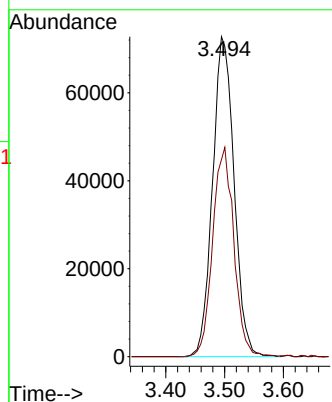
Tgt Ion:101 Resp: 18505
Ion Ratio Lower Upper
101 100
103 61.6 50.7 76.1

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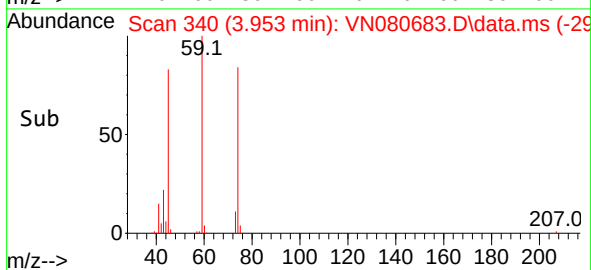
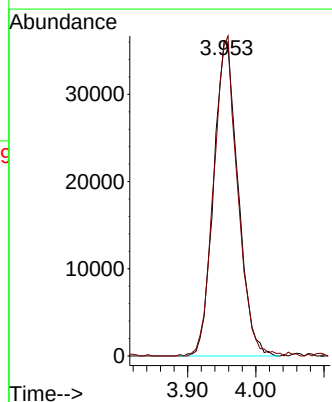
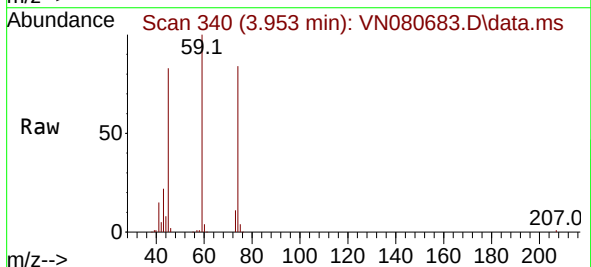
01/15/2024
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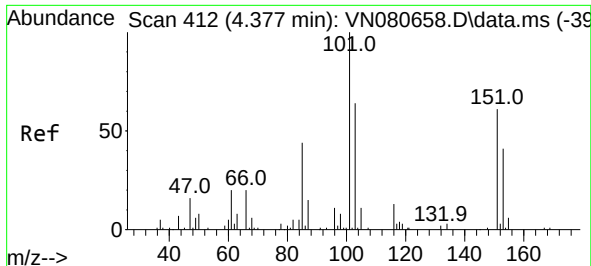
01/15/2024



#8
Diethyl Ether
Concen: 50.600 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Tgt Ion: 74 Resp: 90078
Ion Ratio Lower Upper
74 100
45 99.2 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.626 ug/l
RT: 4.371 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Instrument :
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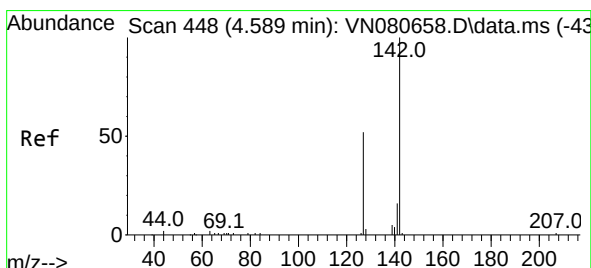
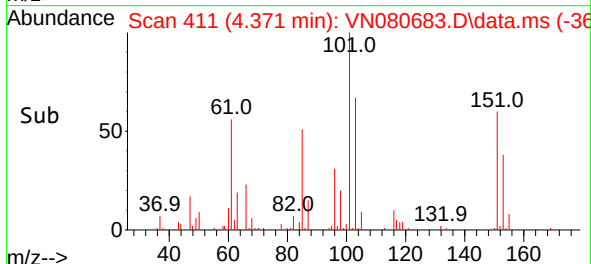
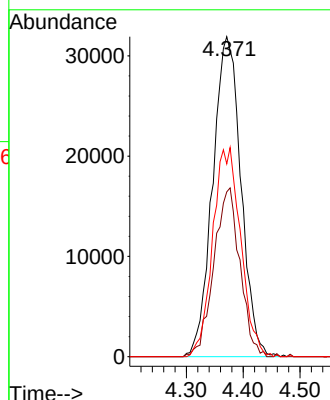
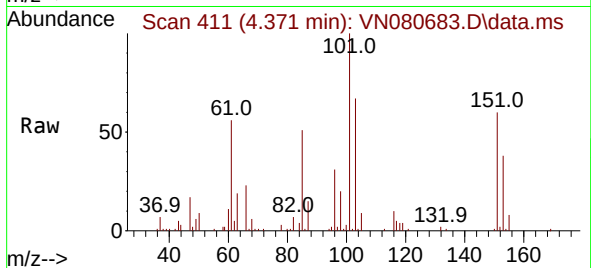
Tgt Ion:101 Resp: 110179
Ion Ratio Lower Upper
101 100
85 48.7 36.6 55.0
151 64.8 57.6 86.4

Manual Integrations
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Reviewed By :John
Carlone

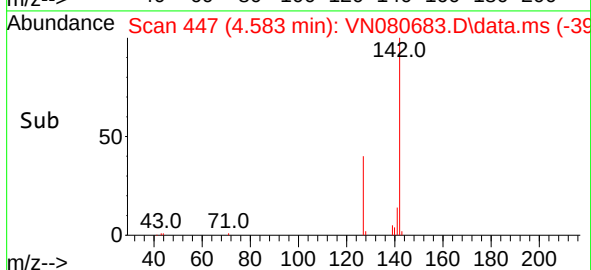
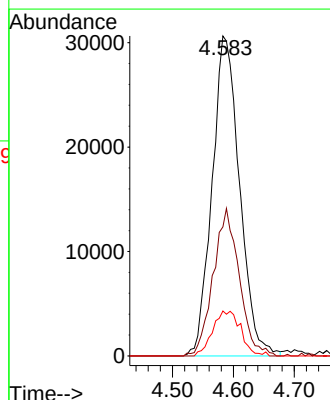
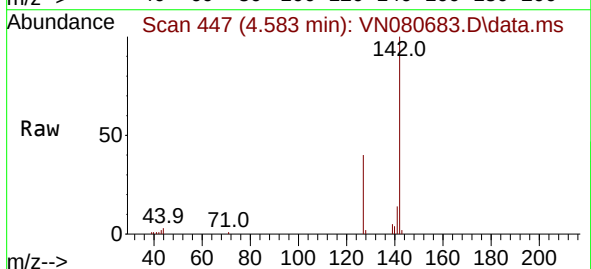
01/15/2024
Supervised By :Mahesh
Dadoda

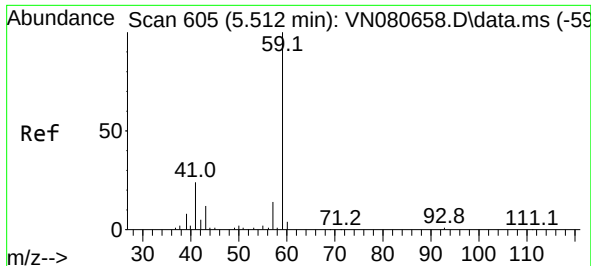
01/15/2024



#10
Methyl Iodide
Concen: 51.724 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

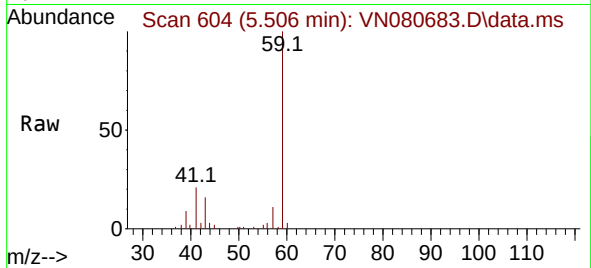
Tgt Ion:142 Resp: 96026
Ion Ratio Lower Upper
142 100
127 40.4 37.6 56.4
141 14.1 11.4 17.0





#11
Tert butyl alcohol
Concen: 218.934 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



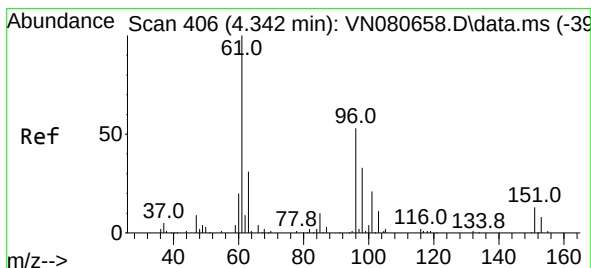
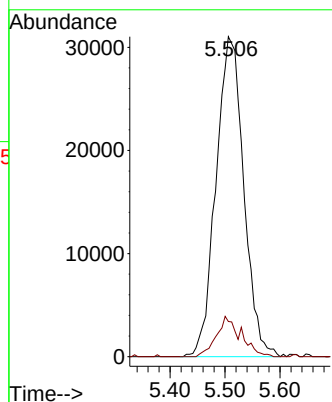
Tgt Ion: 59 Resp: 108809
Ion Ratio Lower Upper
59 100
57 11.2 8.2 12.4

Manual Integrations
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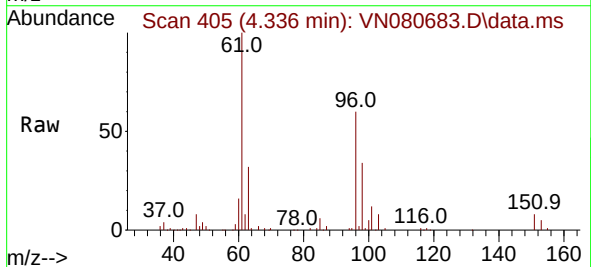
Reviewed By :John
Carlone

01/15/2024
Supervised By :Mahesh
Dadoda

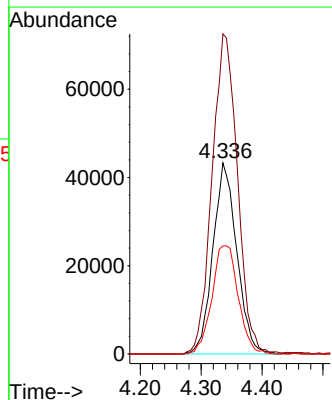
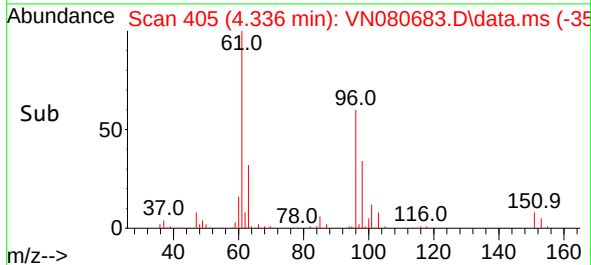
01/15/2024

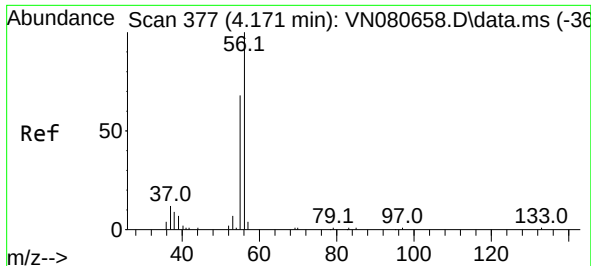


#12
1,1-Dichloroethene
Concen: 47.175 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13



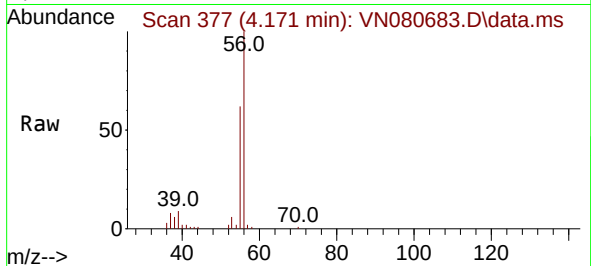
Tgt Ion: 96 Resp: 117865
Ion Ratio Lower Upper
96 100
61 167.5 112.7 169.1
98 56.5 51.2 76.8





#13
Acrolein
Concen: 232.602 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



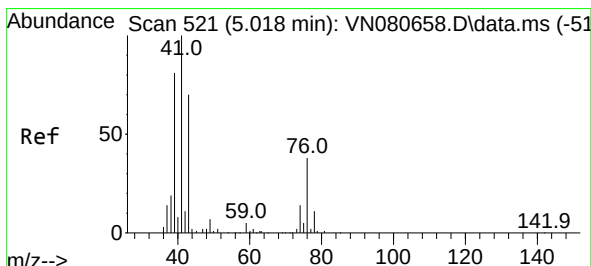
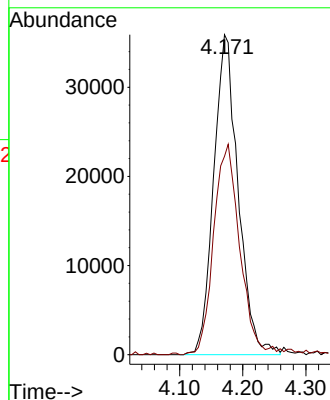
Tgt Ion: 56 Resp: 9659
Ion Ratio Lower Upper
56 100
55 70.3 54.5 81.7

Manual Integrations
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Reviewed By :John
Carlone

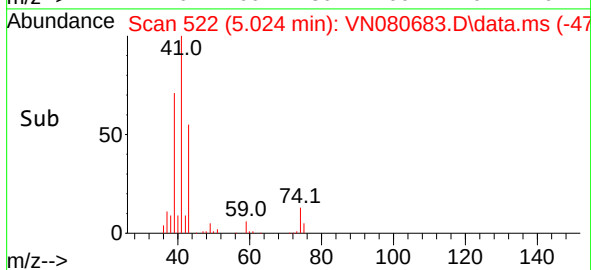
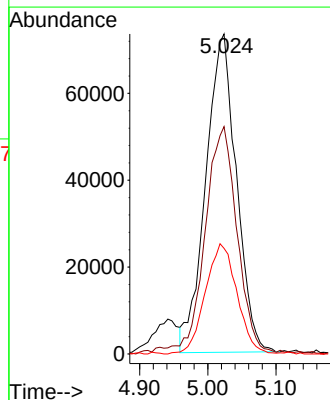
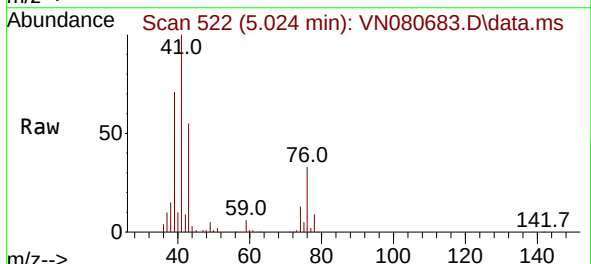
01/15/2024
Supervised By :Mahesh
Dadoda

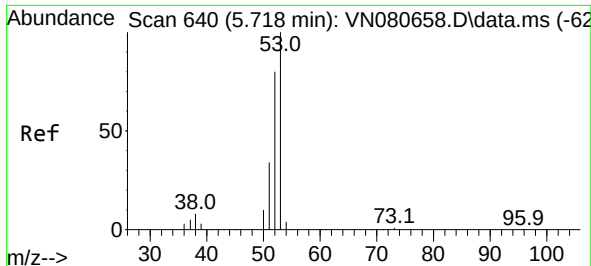
01/15/2024



#14
Allyl chloride
Concen: 46.354 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

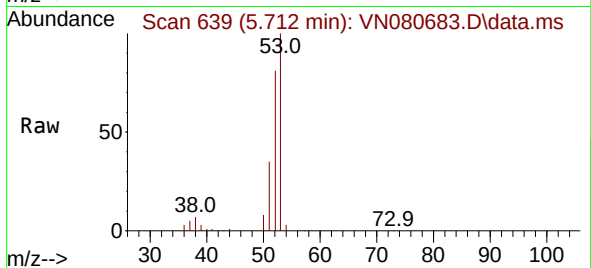
Tgt Ion: 41 Resp: 229578
Ion Ratio Lower Upper
41 100
39 73.3 58.8 88.2
76 35.7 39.1 58.7#





#15
Acrylonitrile
Concen: 247.653 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



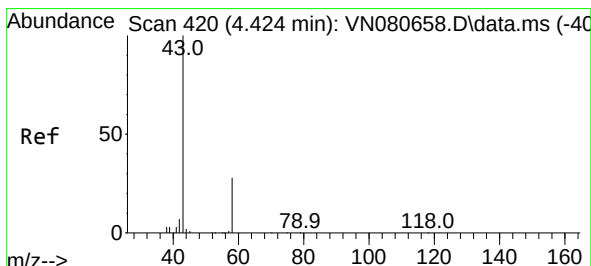
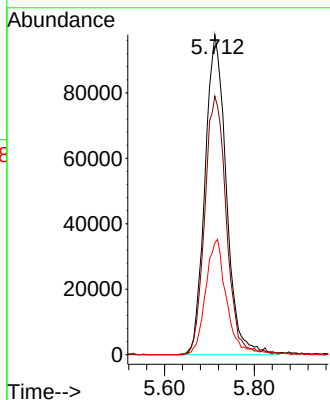
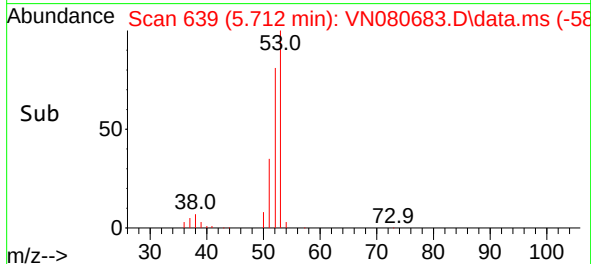
Tgt Ion: 53 Resp: 321410
Ion Ratio Lower Upper
53 100
52 81.7 65.3 97.9
51 35.7 28.9 43.3

Manual Integrations
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Reviewed By :John
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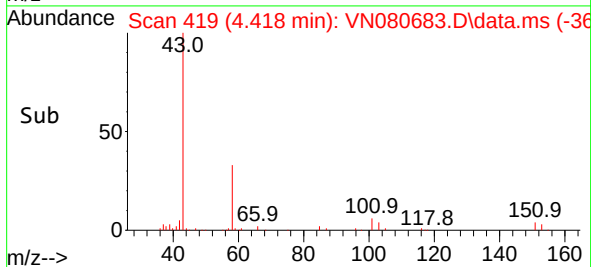
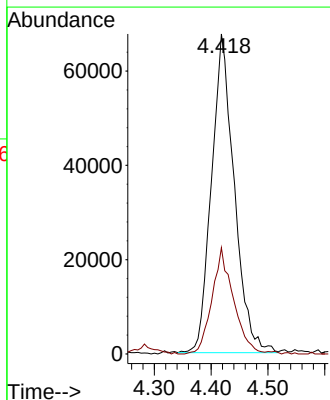
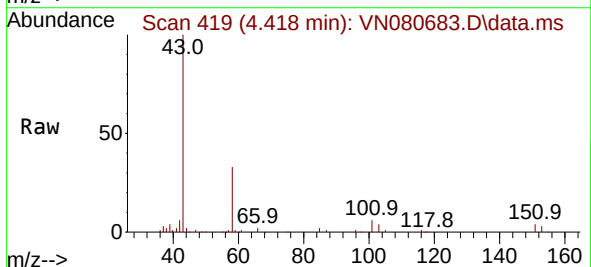
01/15/2024
Supervised By :Mahesh
Dadoda

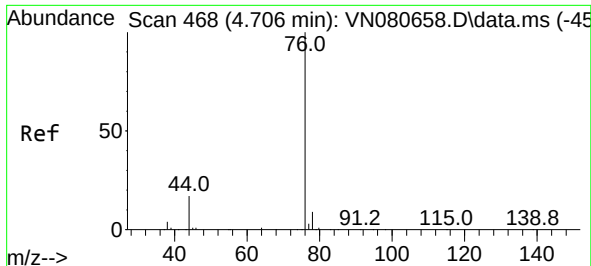
01/15/2024



#16
Acetone
Concen: 194.661 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Tgt Ion: 43 Resp: 187810
Ion Ratio Lower Upper
43 100
58 33.4 28.0 42.0





#17
Carbon Disulfide
Concen: 48.761 ug/l
RT: 4.712 min Scan# 40
Delta R.T. 0.006 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

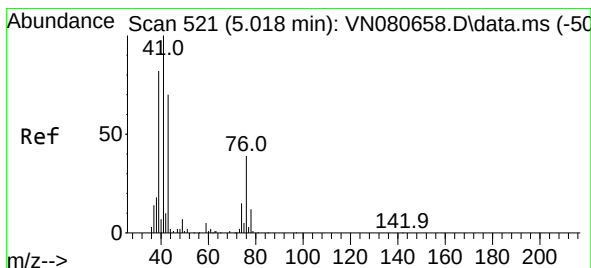
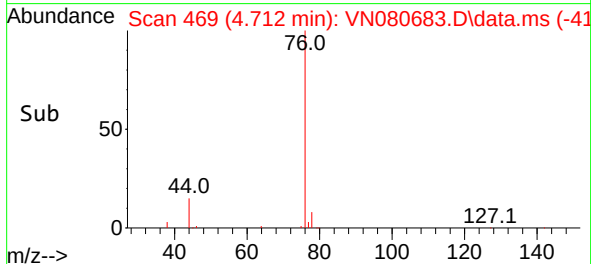
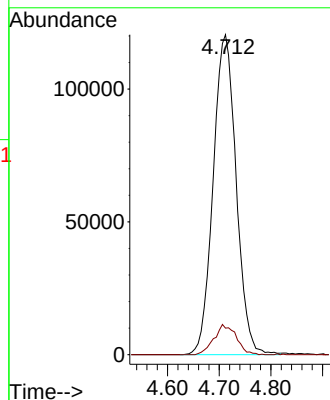
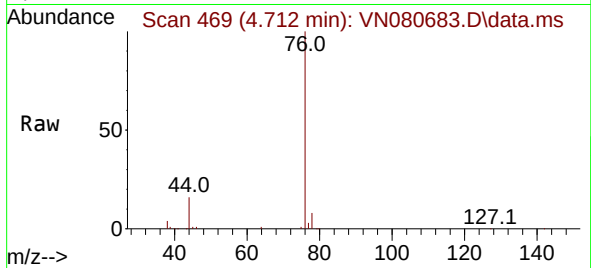
Tgt Ion: 76 Resp: 372619
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0

Manual Integrations
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Reviewed By :John
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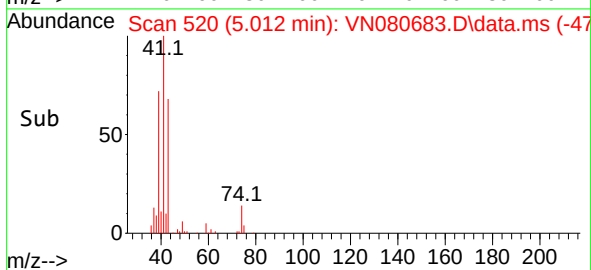
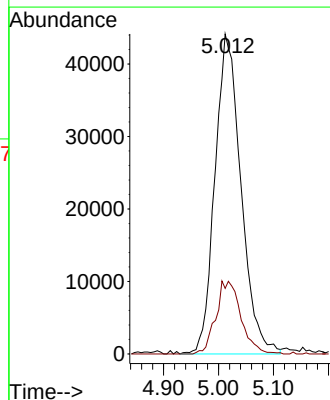
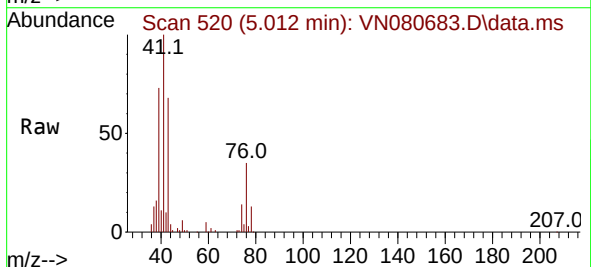
01/15/2024
Supervised By :Mahesh
Dadoda

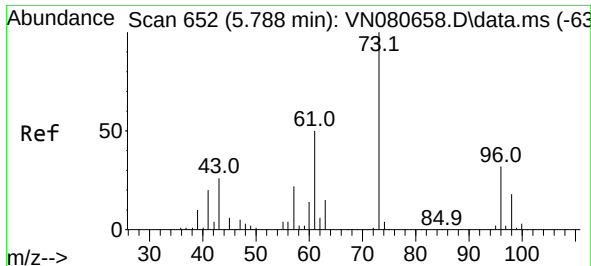
01/15/2024



#18
Methyl Acetate
Concen: 50.538 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

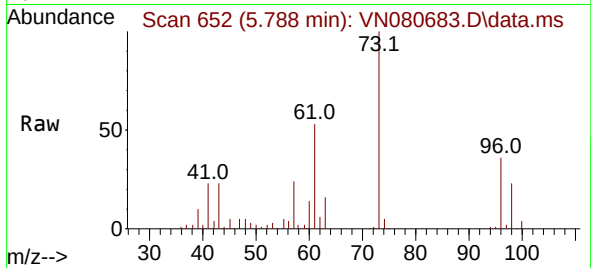
Tgt Ion: 43 Resp: 145195
Ion Ratio Lower Upper
43 100
74 22.0 26.2 39.4#





#19
Methyl tert-butyl Ether
Concen: 48.734 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



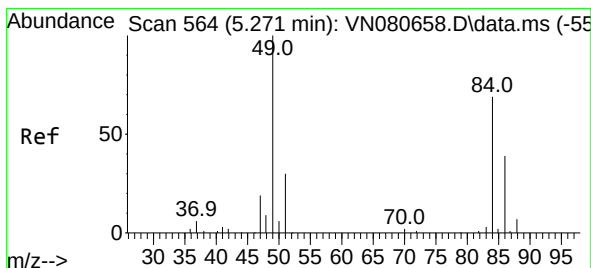
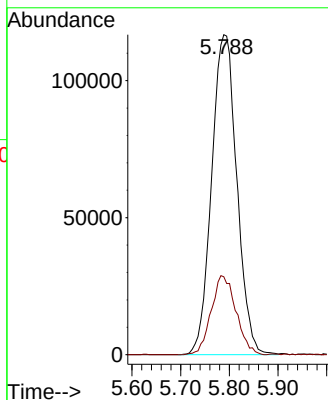
Tgt Ion: 73 Resp: 419564
Ion Ratio Lower Upper
73 100
57 24.4 15.6 23.4

Manual Integrations
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Reviewed By :John
Carlone

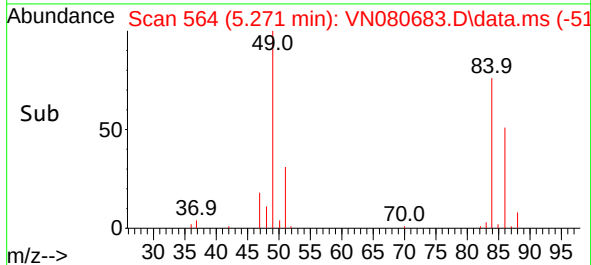
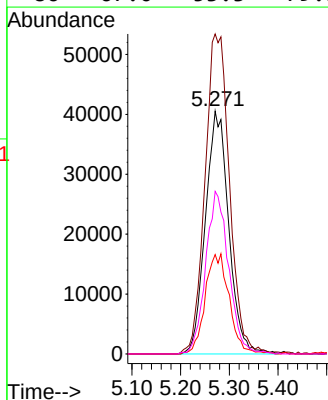
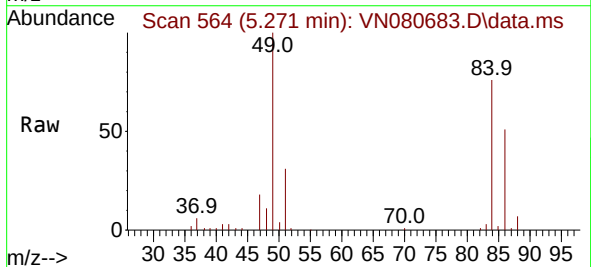
01/15/2024
Supervised By :Mahesh
Dadoda

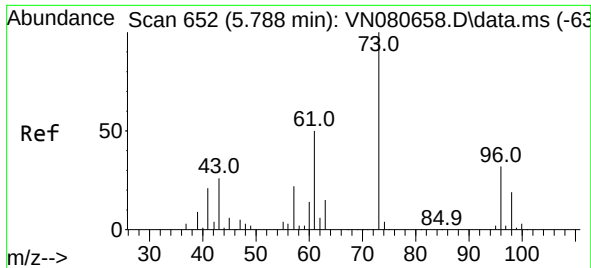
01/15/2024



#20
Methylene Chloride
Concen: 47.858 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Tgt Ion: 84 Resp: 134794
Ion Ratio Lower Upper
84 100
49 131.8 79.7 119.5#
51 40.9 25.2 37.8#
86 67.0 53.3 79.9





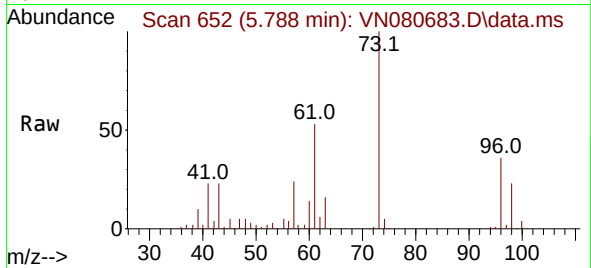
#21
trans-1,2-Dichloroethene
Concen: 51.447 ug/l
RT: 5.788 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 96 Resp: 130378
Ion Ratio Lower Upper
96 100
61 146.4 90.1 135.1
98 63.4 46.4 69.6

Manual Integrations

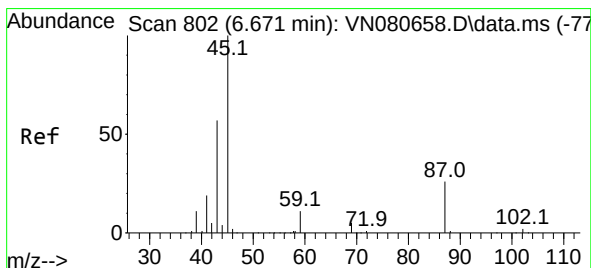
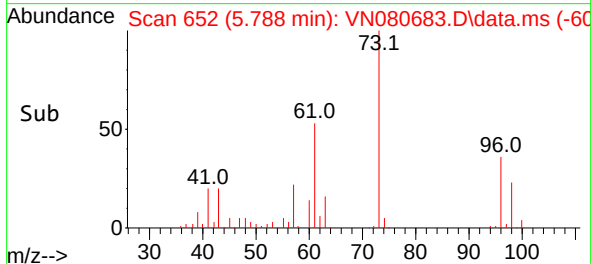
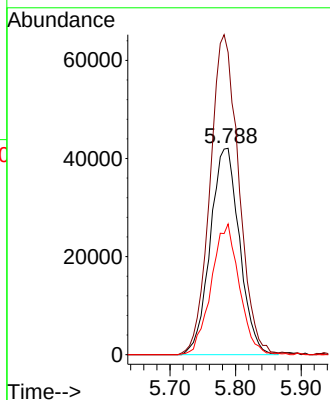
APPROVED

Reviewed By :John
Carlone

01/15/2024

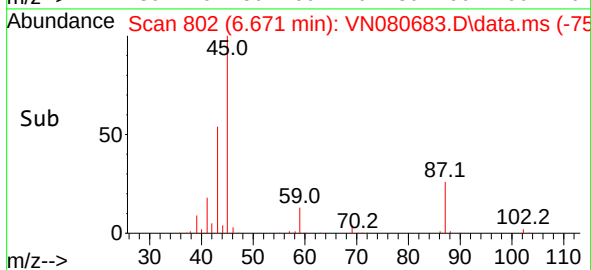
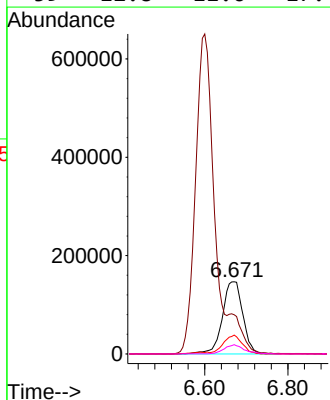
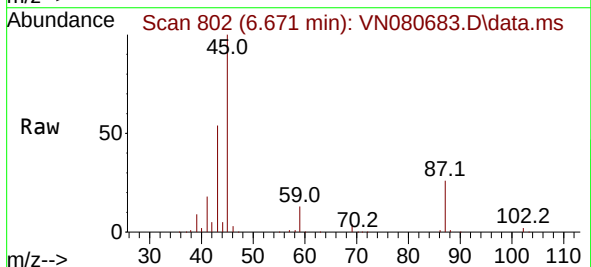
Supervised By :Mahesh
Dadoda

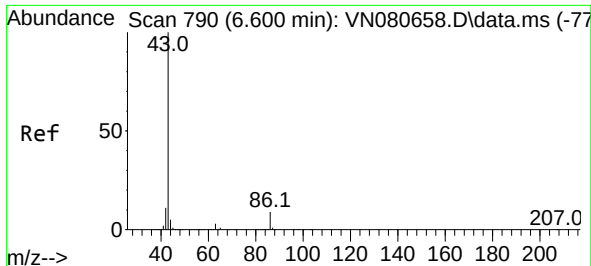
01/15/2024



#22
Diisopropyl ether
Concen: 53.537 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

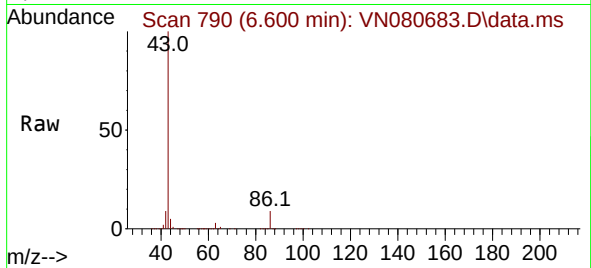
Tgt Ion: 45 Resp: 500001
Ion Ratio Lower Upper
45 100
43 53.3 45.5 68.3
87 26.2 31.8 47.8
59 12.8 11.6 17.4





#23
 Vinyl Acetate
 Concen: 256.151 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN080683.D
 Acq: 12 Jan 2024 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



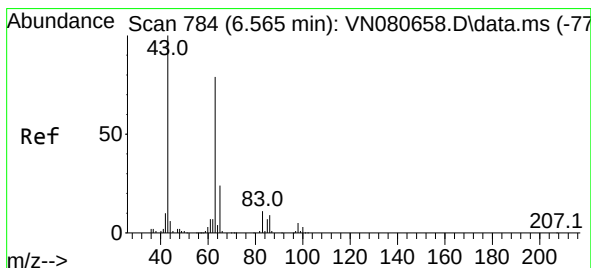
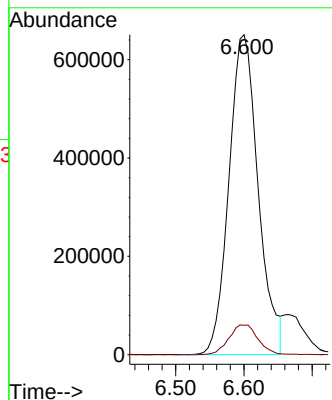
Tgt Ion: 43 Resp: 1947108
 Ion Ratio Lower Upper
 43 100
 86 9.2 13.0 19.6

Manual Integrations
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Reviewed By :John
 Carlone

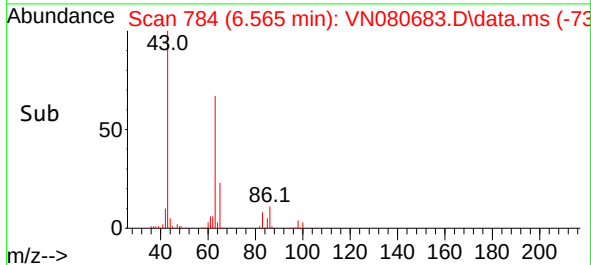
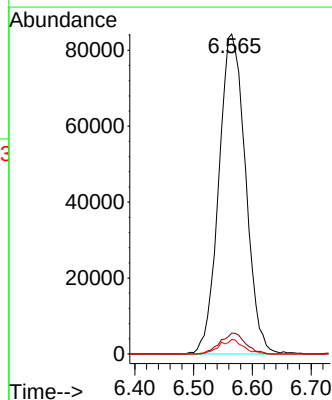
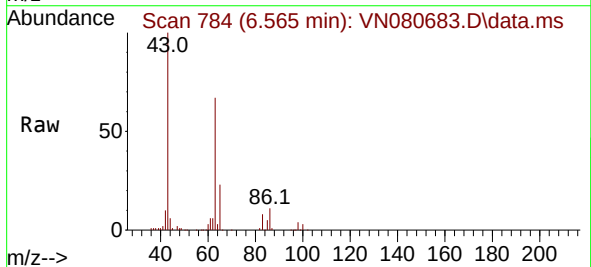
01/15/2024
 Supervised By :Mahesh
 Dadoda

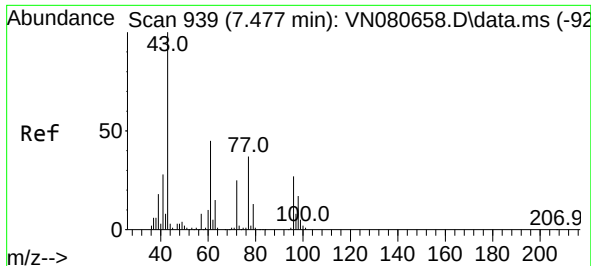
01/15/2024



#24
 1,1-Dichloroethane
 Concen: 51.972 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN080683.D
 Acq: 12 Jan 2024 12:13

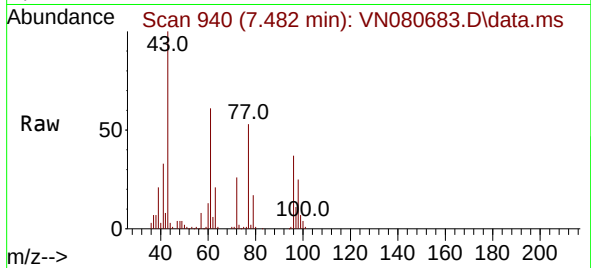
Tgt Ion: 63 Resp: 265701
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.9 11.7
 100 4.6 2.5 7.4





#25
2-Butanone
Concen: 224.551 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



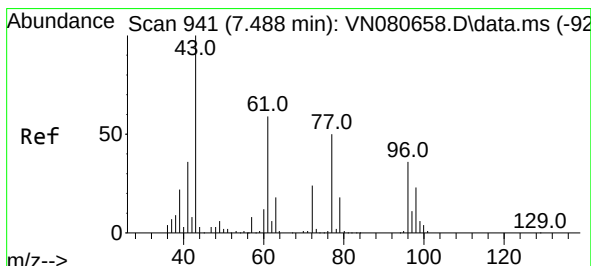
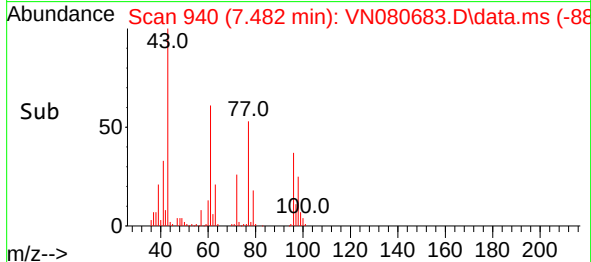
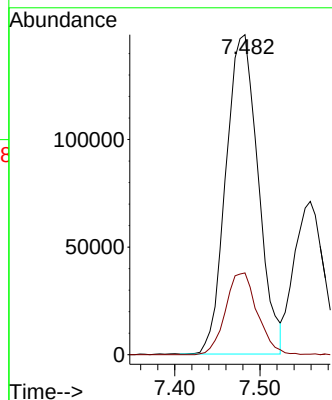
Tgt Ion: 43 Resp: 391609
Ion Ratio Lower Upper
43 100
72 25.6 30.2 45.2

Manual Integrations
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Reviewed By :John
Carlone

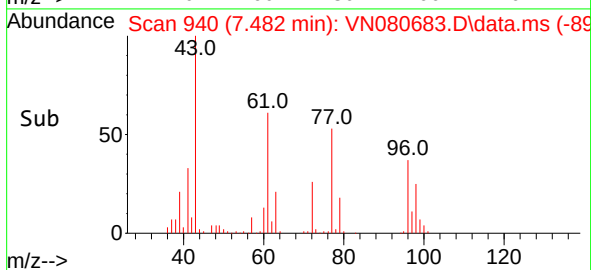
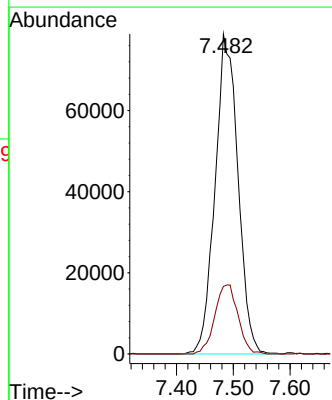
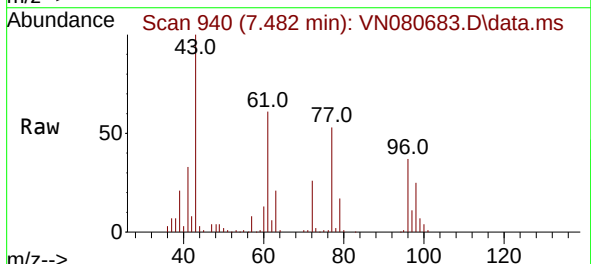
01/15/2024
Supervised By :Mahesh
Dadoda

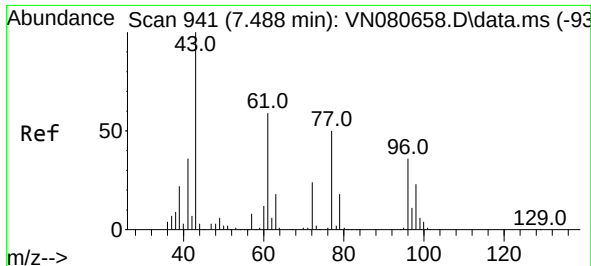
01/15/2024



#26
2,2-Dichloropropane
Concen: 49.320 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

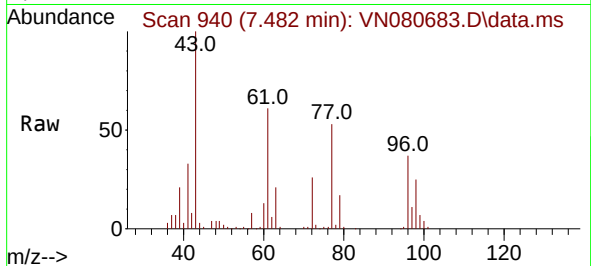
Tgt Ion: 77 Resp: 220515
Ion Ratio Lower Upper
77 100
97 21.9 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 52.097 ug/l
 RT: 7.482 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN080683.D
 Acq: 12 Jan 2024 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



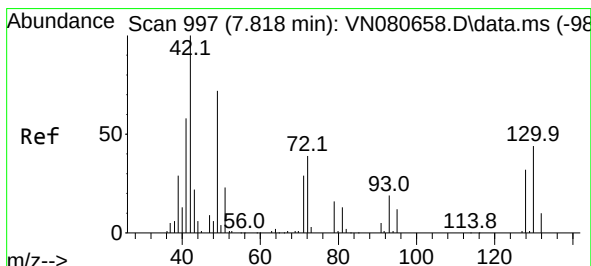
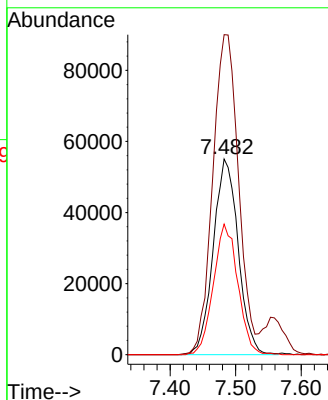
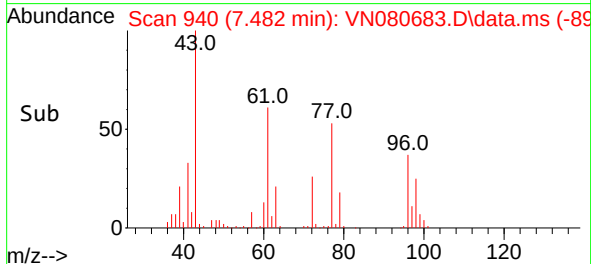
Tgt Ion: 96 Resp: 145544
 Ion Ratio Lower Upper
 96 100
 61 169.7 0.0 255.2
 98 65.1 0.0 128.8

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

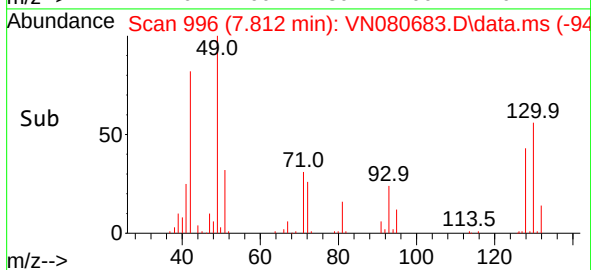
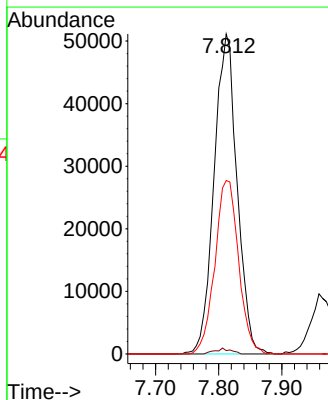
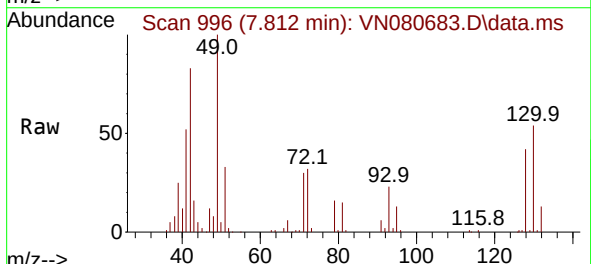
01/15/2024
 Supervised By :Mahesh
 Dadoda

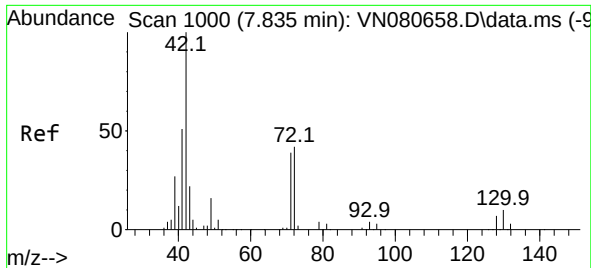
01/15/2024



#28
 Bromochloromethane
 Concen: 54.172 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080683.D
 Acq: 12 Jan 2024 12:13

Tgt Ion: 49 Resp: 129472
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.8
 130 55.9 75.3 112.9#





#29

Tetrahydrofuran

Concen: 246.257 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN080683.D

Acq: 12 Jan 2024 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 28946

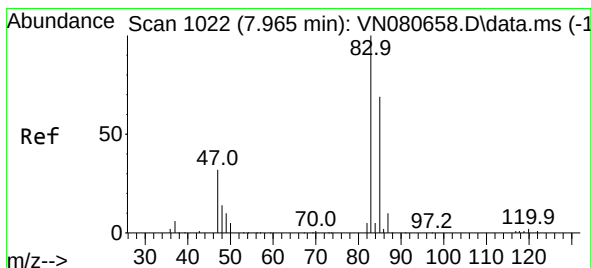
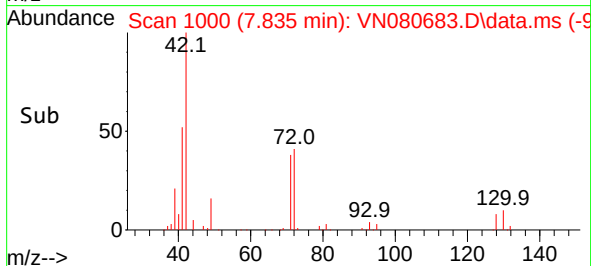
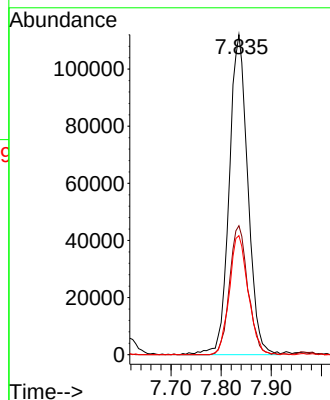
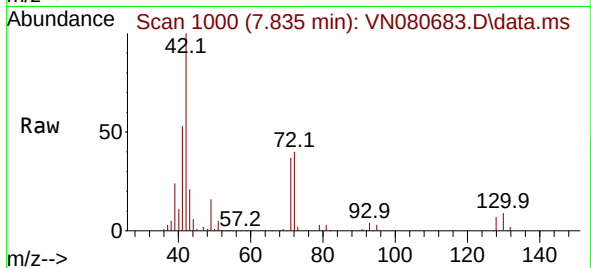
Ion	Ratio	Lower	Upper
42	100		
72	39.9	49.8	74.6
71	37.5	47.4	71.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

01/15/2024
Supervised By :Mahesh
Dadoda

01/15/2024



#30

Chloroform

Concen: 51.368 ug/l

RT: 7.965 min Scan# 1022

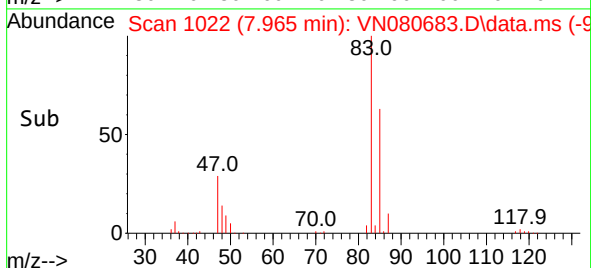
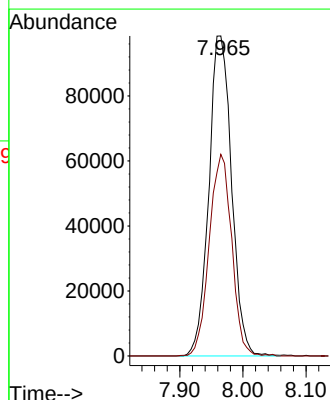
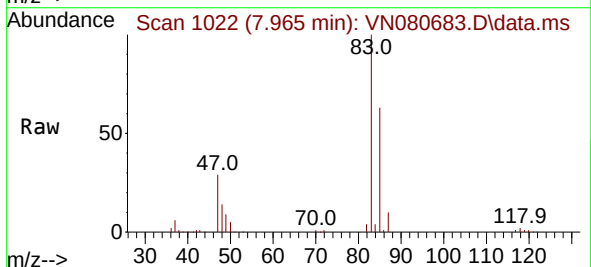
Delta R.T. -0.000 min

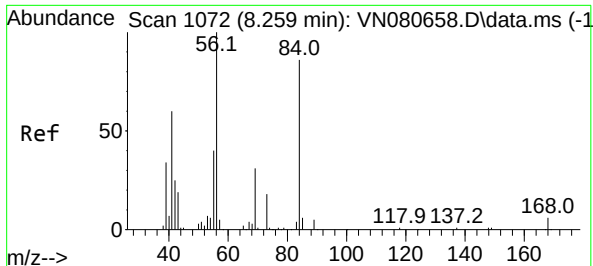
Lab File: VN080683.D

Acq: 12 Jan 2024 12:13

Tgt Ion: 83 Resp: 246190

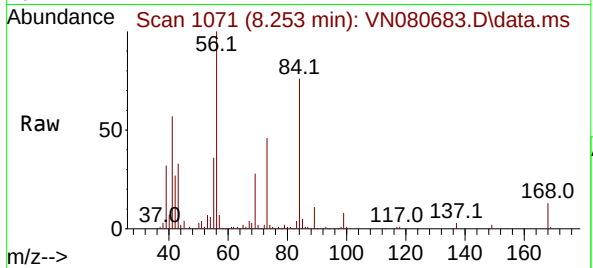
Ion	Ratio	Lower	Upper
83	100		
85	63.0	55.4	83.0





#31
Cyclohexane
Concen: 49.773 ug/l
RT: 8.253 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



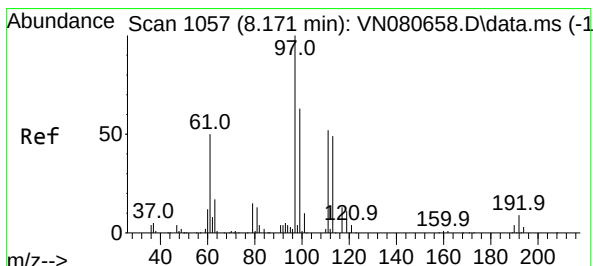
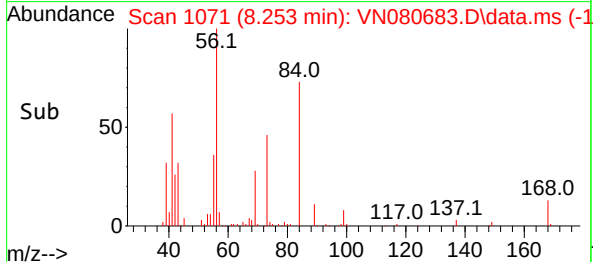
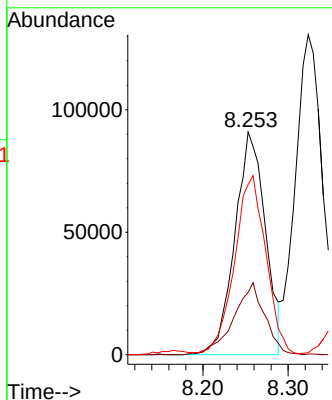
Tgt Ion: 56 Resp: 225978
Ion Ratio Lower Upper
56 100
69 27.9 26.8 40.2
84 74.7 81.8 122.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

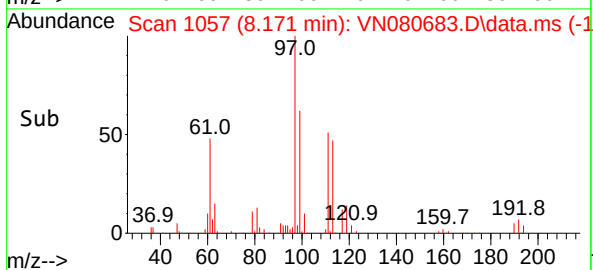
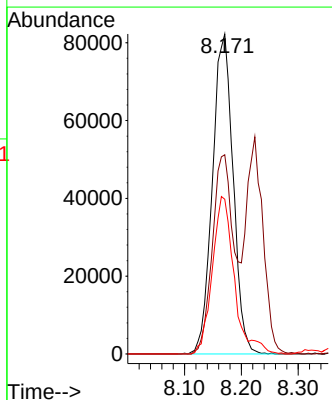
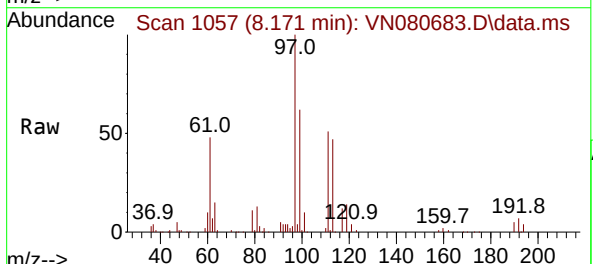
01/15/2024
Supervised By :Mahesh
Dadoda

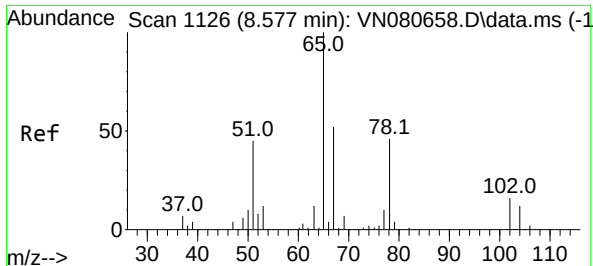
01/15/2024



#32
1,1,1-Trichloroethane
Concen: 48.763 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Tgt Ion: 97 Resp: 208037
Ion Ratio Lower Upper
97 100
99 65.9 50.3 75.5
61 52.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 47.378 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.001 min

Lab File: VN080683.D

Acq: 12 Jan 2024 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 13923

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.6

Manual Integrations

APPROVED

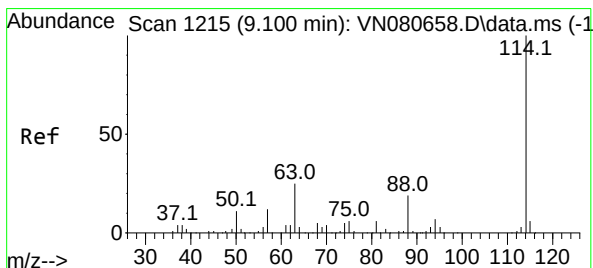
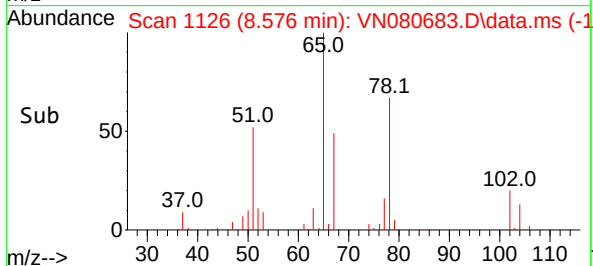
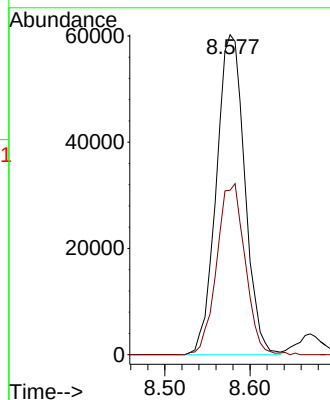
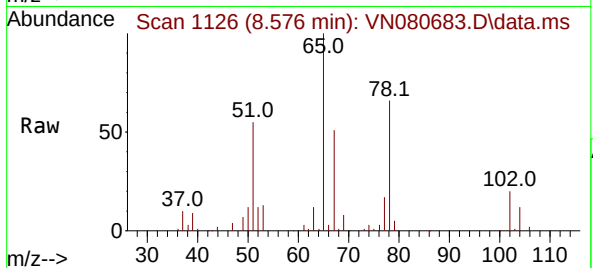
Reviewed By :John

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: VN080683.D

Acq: 12 Jan 2024 12:13

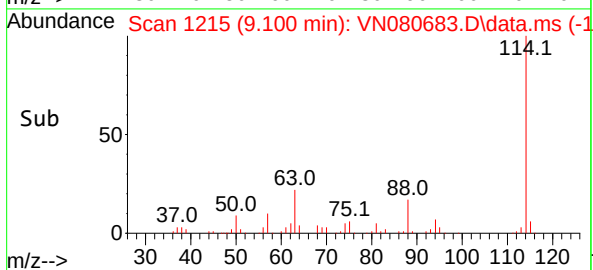
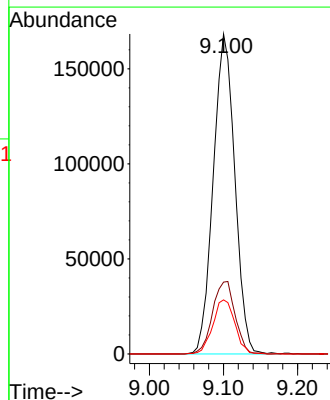
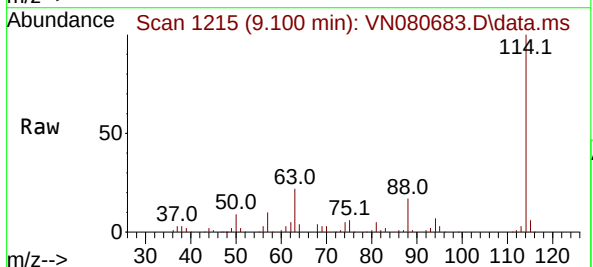
Tgt Ion:114 Resp: 339821

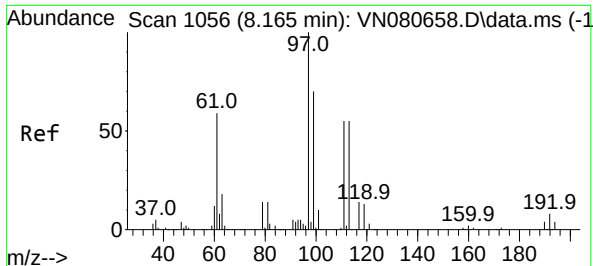
Ion Ratio Lower Upper

114 100

63 22.5 0.0 36.4

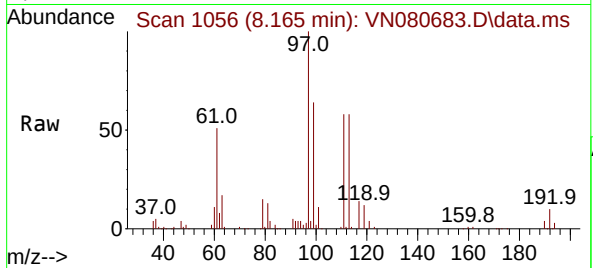
88 16.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.663 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



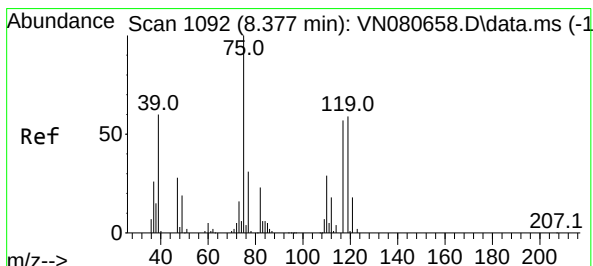
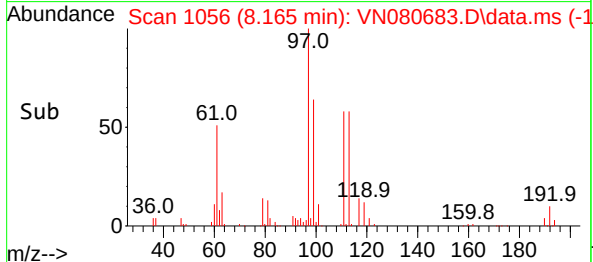
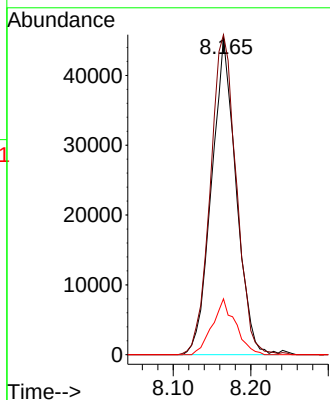
Tgt Ion: 113 Resp: 99750
Ion Ratio Lower Upper
113 100
111 106.9 82.6 123.8
192 16.7 12.7 19.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

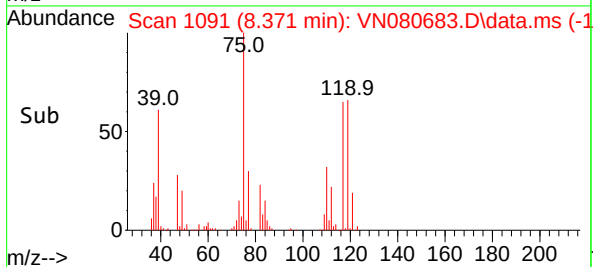
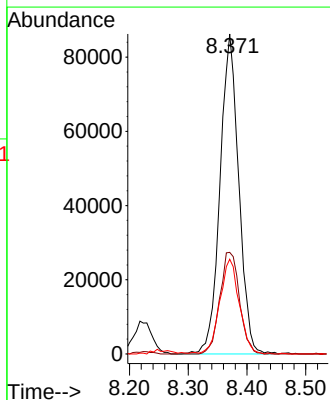
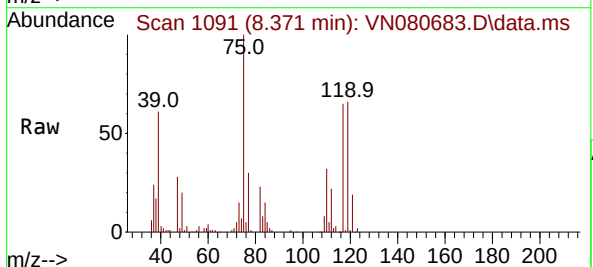
01/15/2024
Supervised By :Mahesh
Dadoda

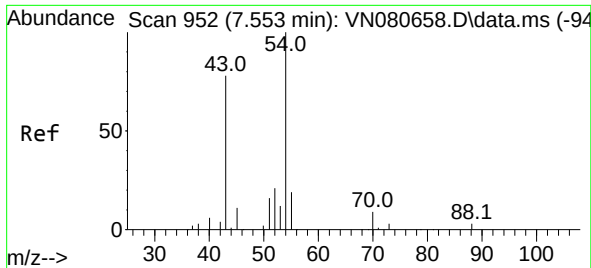
01/15/2024



#36
1,1-Dichloropropene
Concen: 48.181 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Tgt Ion: 75 Resp: 190559
Ion Ratio Lower Upper
75 100
110 33.4 19.1 57.3
77 31.0 25.0 37.4





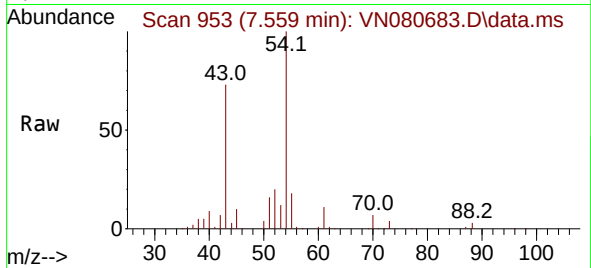
#37
Ethyl Acetate
Concen: 46.000 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 43 Resp: 176419
Ion Ratio Lower Upper
43 100
61 12.9 13.2 19.8
70 10.3 11.3 16.9

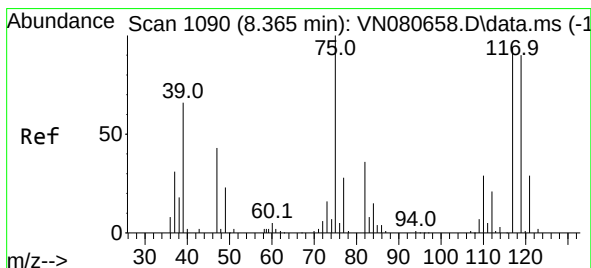
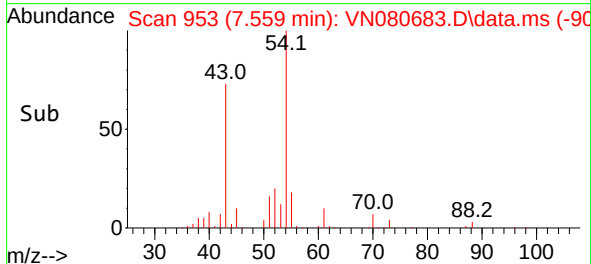
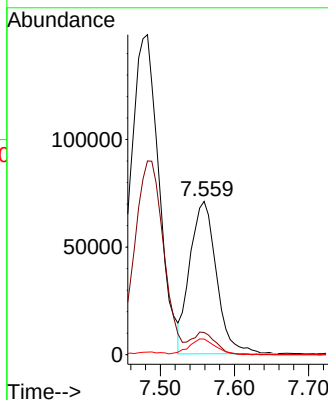
Manual Integrations
APPROVED

Reviewed By :John
Carlone

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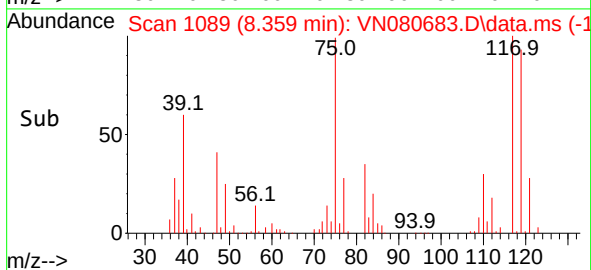
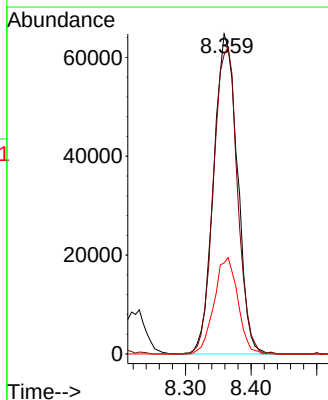
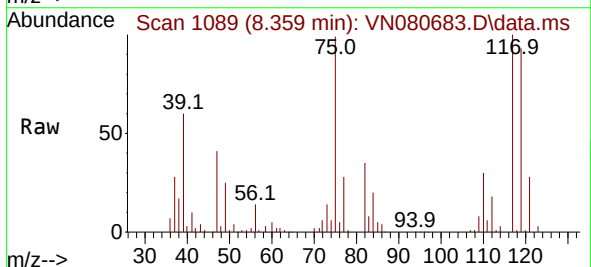
Supervised By :Mahesh
Dadoda

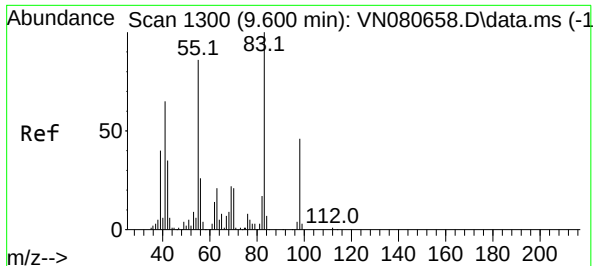
01/15/2024



#38
Carbon Tetrachloride
Concen: 45.702 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Tgt Ion:117 Resp: 162294
Ion Ratio Lower Upper
117 100
119 93.5 77.3 115.9
121 28.4 23.3 34.9





#39

Methylcyclohexane

Concen: 51.327 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN080683.D

Acq: 12 Jan 2024 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

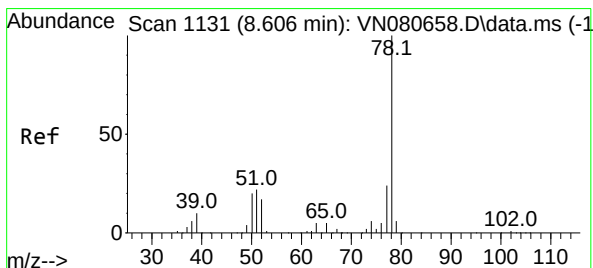
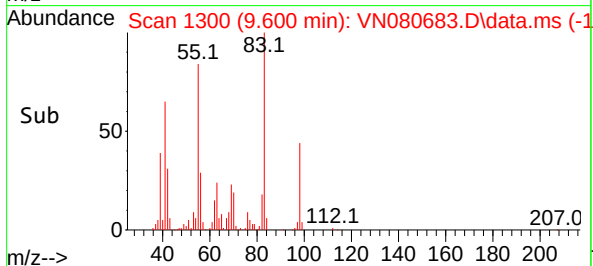
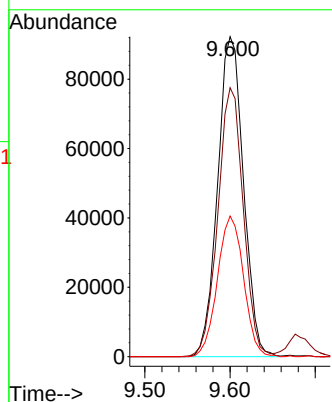
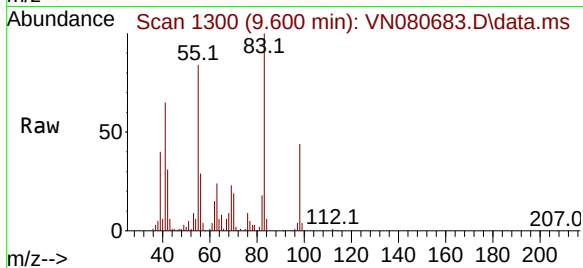
Tgt Ion:	83	Resp:	19426
Ion Ratio	Lower	Upper	
83	100		
55	84.0	49.1	73.7
98	43.9	40.6	61.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

01/15/2024
Supervised By :Mahesh
Dadoda

01/15/2024



#40

Benzene

Concen: 52.649 ug/l

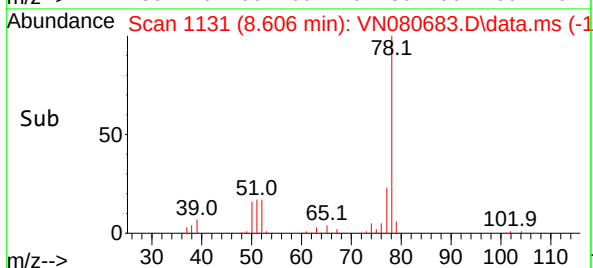
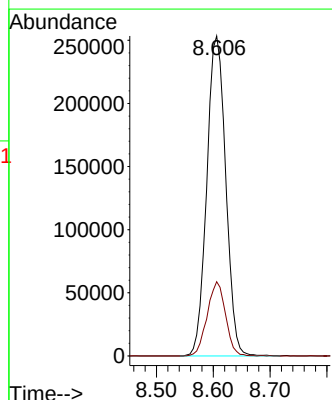
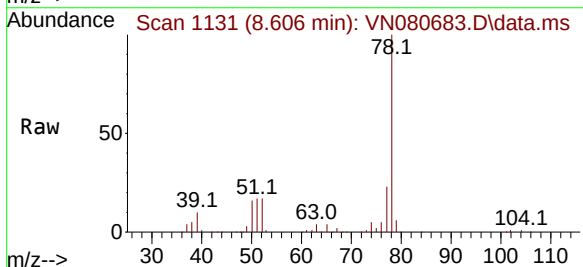
RT: 8.606 min Scan# 1131

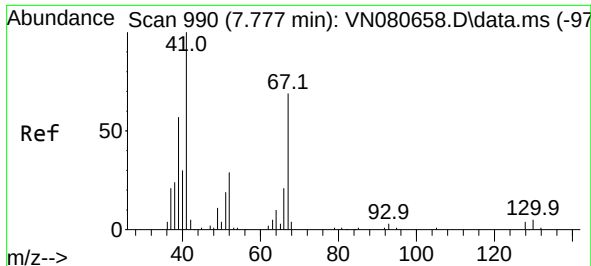
Delta R.T. -0.000 min

Lab File: VN080683.D

Acq: 12 Jan 2024 12:13

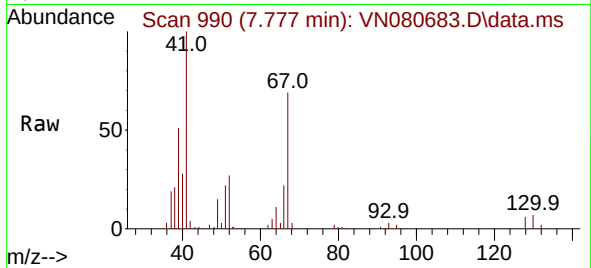
Tgt Ion:	78	Resp:	585379
Ion Ratio	Lower	Upper	
78	100		
77	23.2	19.0	28.6





#41
Methacrylonitrile
Concen: 47.056 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



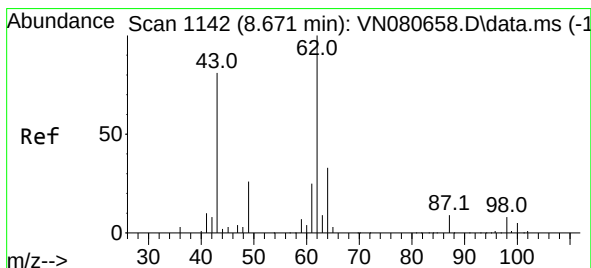
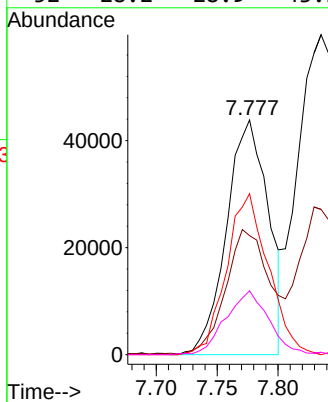
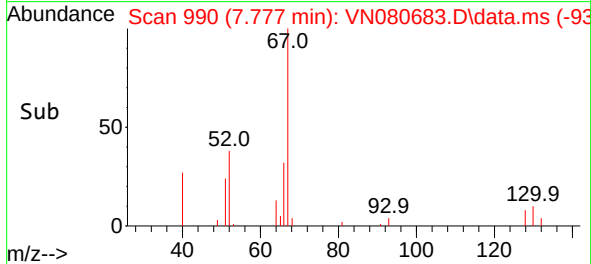
Tgt Ion: 41 Resp: 104682
Ion Ratio Lower Upper
41 100
39 57.1 42.6 64.0
67 68.8 77.5 116.3
52 28.2 28.9 43.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

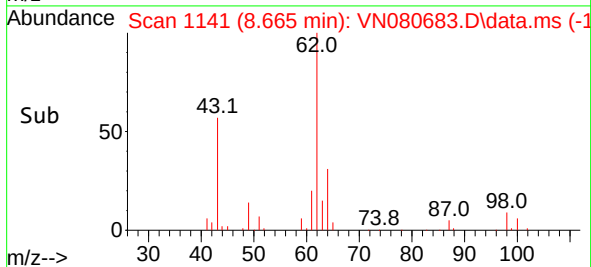
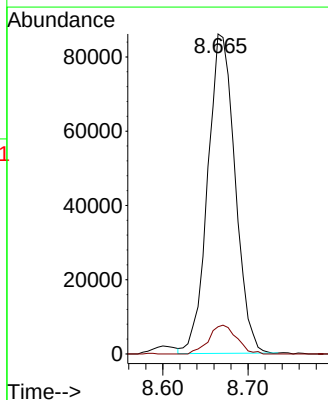
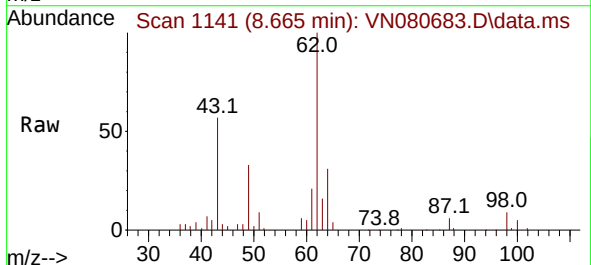
01/15/2024
Supervised By :Mahesh
Dadoda

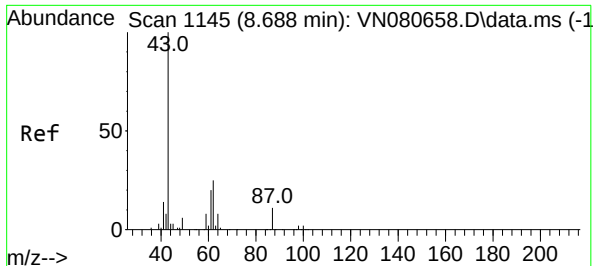
01/15/2024



#42
1,2-Dichloroethane
Concen: 45.035 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Tgt Ion: 62 Resp: 191694
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.8





#43

Isopropyl Acetate

Concen: 48.353 ug/l

RT: 8.682 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN080683.D

Acq: 12 Jan 2024 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 340870

Ion	Ratio	Lower	Upper
43	100		
61	26.3	24.7	37.1
87	11.3	14.6	21.8

Manual Integrations

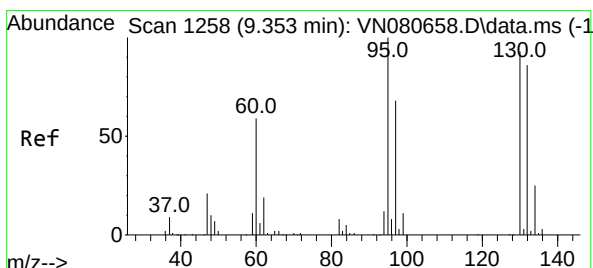
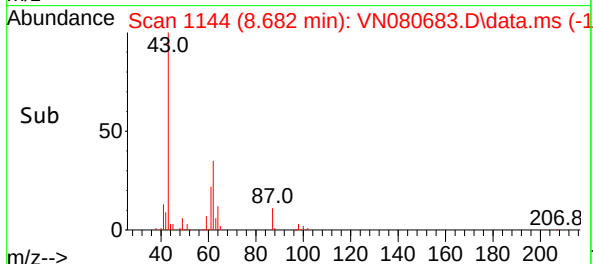
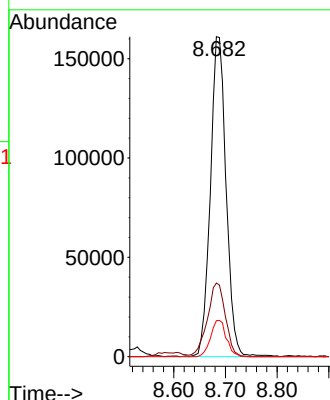
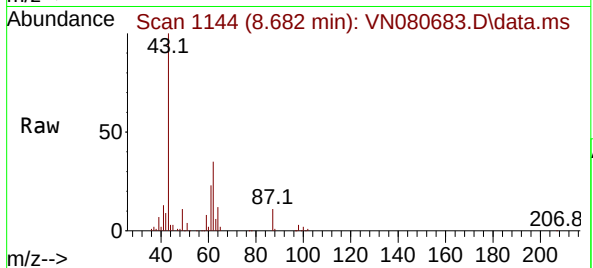
APPROVED

Reviewed By :John
Carlone

01/15/2024

Supervised By :Mahesh
Dadoda

01/15/2024



#44

Trichloroethene

Concen: 49.341 ug/l

RT: 9.353 min Scan# 1258

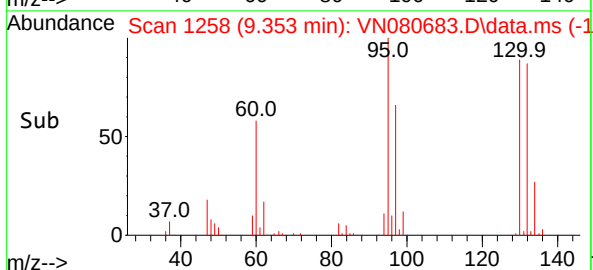
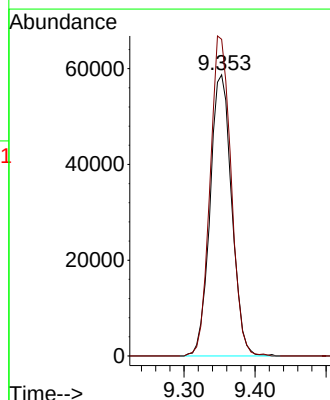
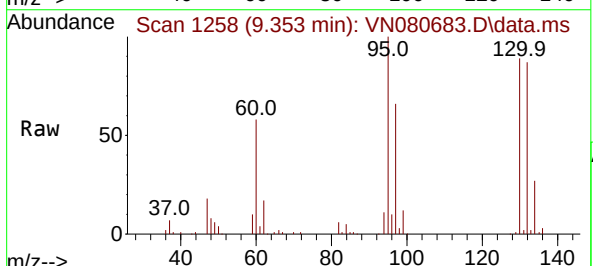
Delta R.T. -0.000 min

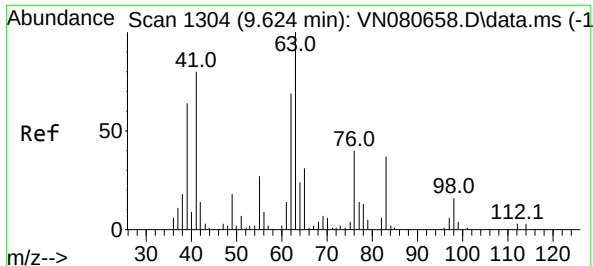
Lab File: VN080683.D

Acq: 12 Jan 2024 12:13

Tgt Ion:130 Resp: 124193

Ion	Ratio	Lower	Upper
130	100		
95	112.6	0.0	204.6





#45

1,2-Dichloropropane

Concen: 52.036 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN080683.D

Acq: 12 Jan 2024 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 15338

Ion Ratio Lower Upper

63 100

65 30.9 23.9 35.9

Manual Integrations

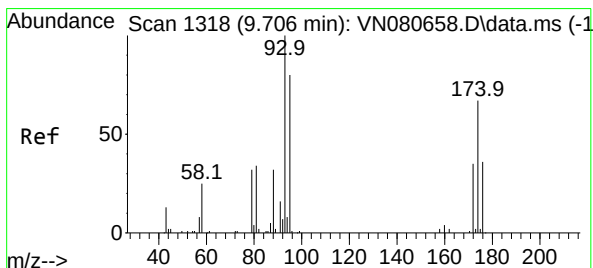
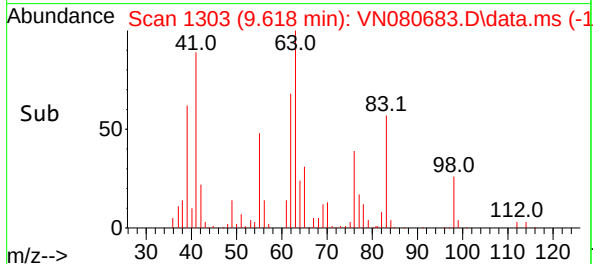
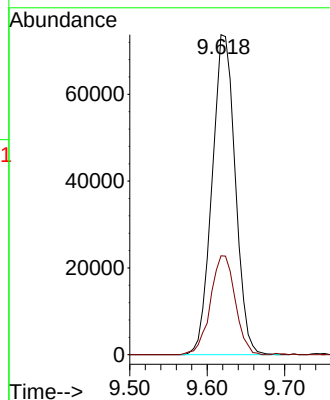
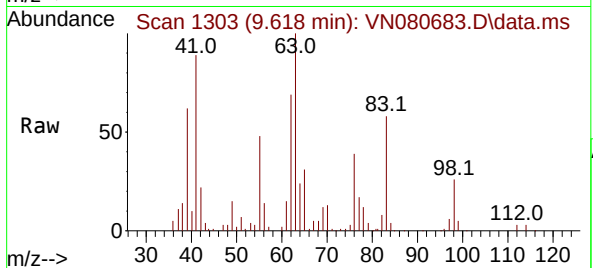
APPROVED

Reviewed By :John
Carlone

01/15/2024

Supervised By :Mahesh
Dadoda

01/15/2024



#46

Dibromomethane

Concen: 48.624 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN080683.D

Acq: 12 Jan 2024 12:13

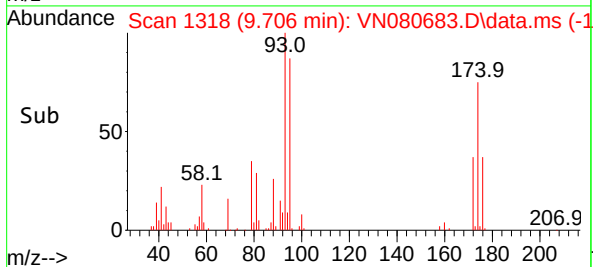
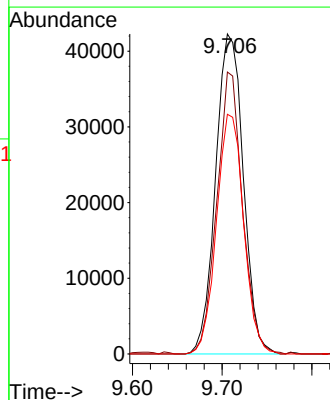
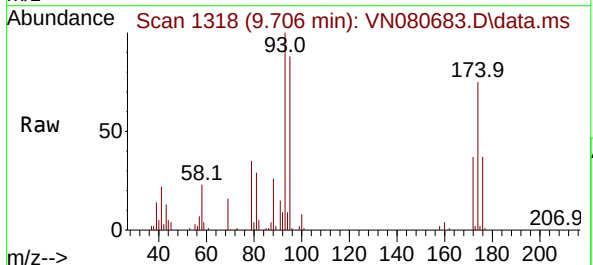
Tgt Ion: 93 Resp: 90683

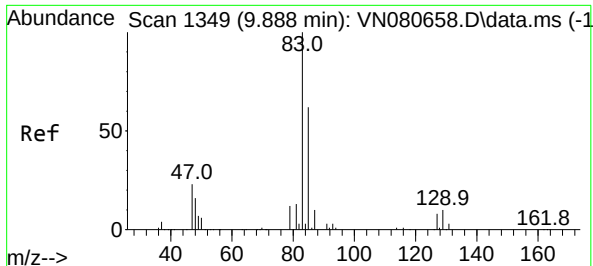
Ion Ratio Lower Upper

93 100

95 81.7 63.8 95.8

174 73.4 65.6 98.4





#47

Bromodichloromethane

Concen: 46.181 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VN080683.D

Acq: 12 Jan 2024 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 191160

Ion	Ratio	Lower	Upper
83	100		
85	61.7	49.6	74.4
127	6.9	7.0	10.6

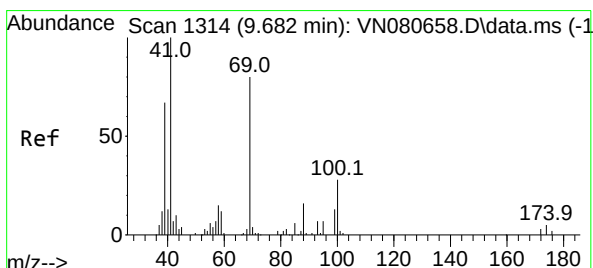
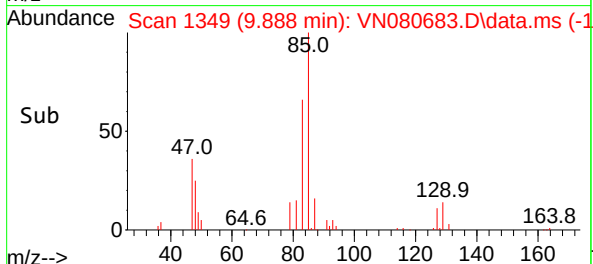
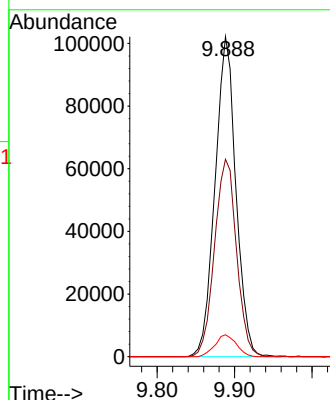
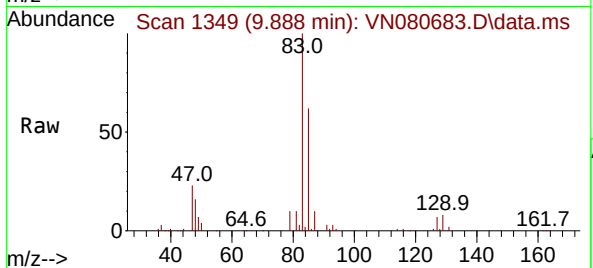
Manual Integrations
APPROVED

Reviewed By :John
Carlone

01/15/2024

Supervised By :Mahesh
Dadoda

01/15/2024



#48

Methyl methacrylate

Concen: 47.378 ug/l

RT: 9.676 min Scan# 1313

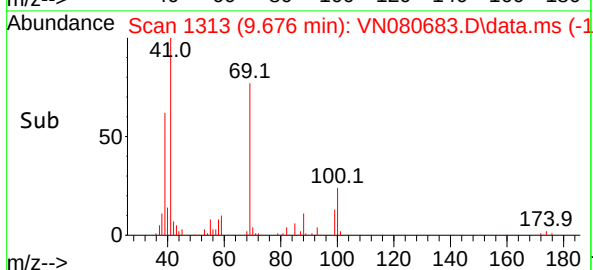
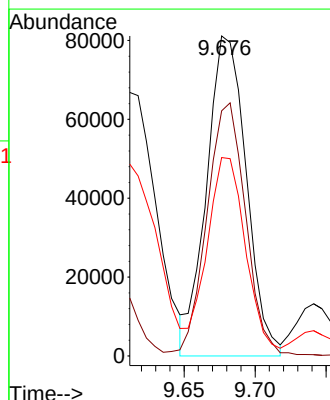
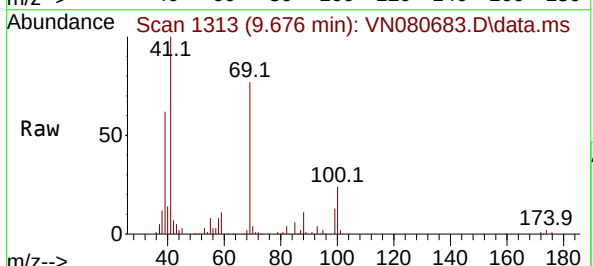
Delta R.T. -0.006 min

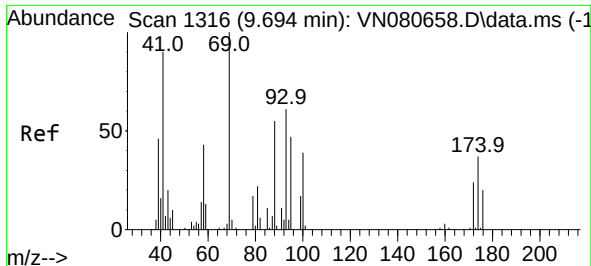
Lab File: VN080683.D

Acq: 12 Jan 2024 12:13

Tgt Ion: 41 Resp: 158133

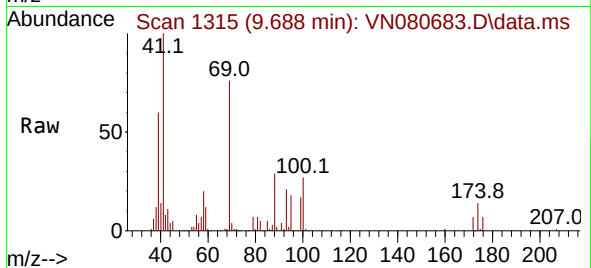
Ion	Ratio	Lower	Upper
41	100		
69	77.5	90.4	135.6
39	61.5	54.6	81.8





#49
1,4-Dioxane
Concen: 914.843 ug/l
RT: 9.688 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



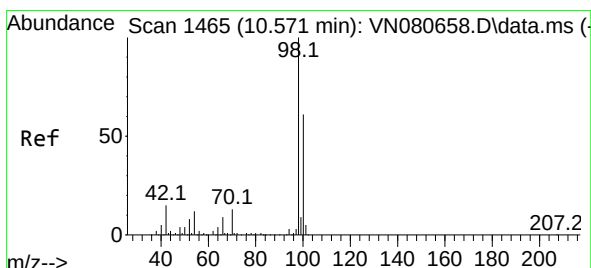
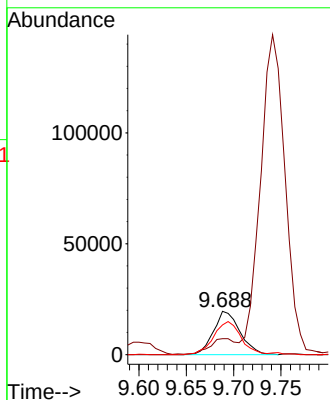
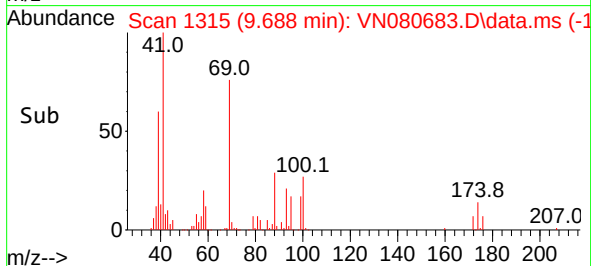
Tgt Ion: 88 Resp: 38040
Ion Ratio Lower Upper
88 100
43 36.9 17.0 25.6
58 79.1 47.0 70.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

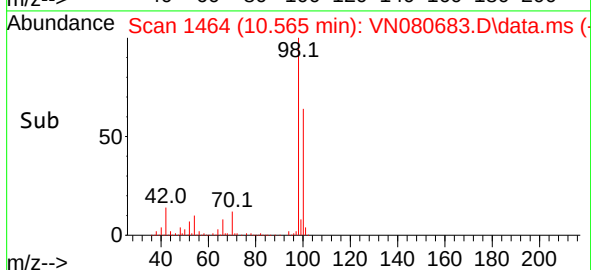
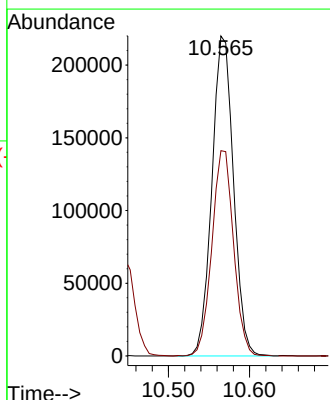
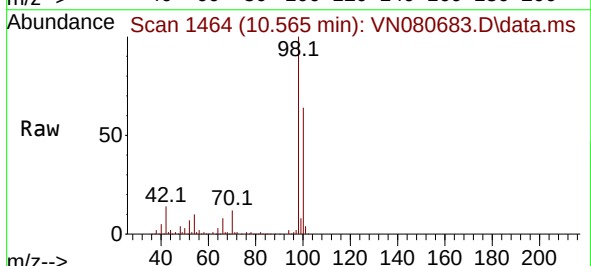
01/15/2024
Supervised By :Mahesh
Dadoda

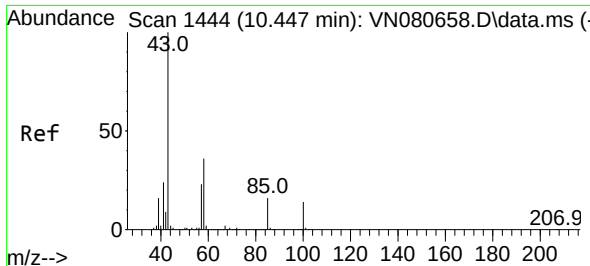
01/15/2024



#50
Toluene-d8
Concen: 55.156 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Tgt Ion: 98 Resp: 406072
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 237.036 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

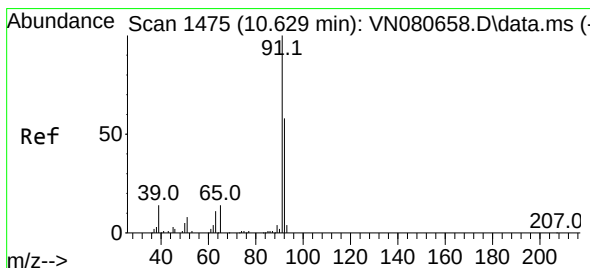
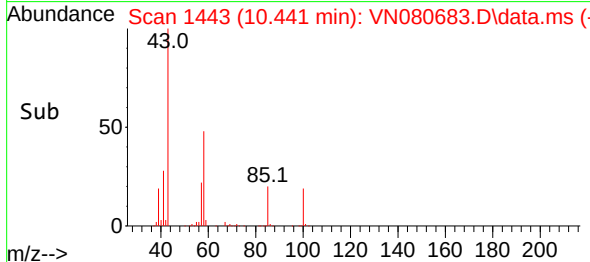
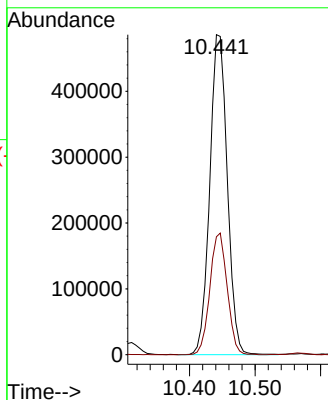
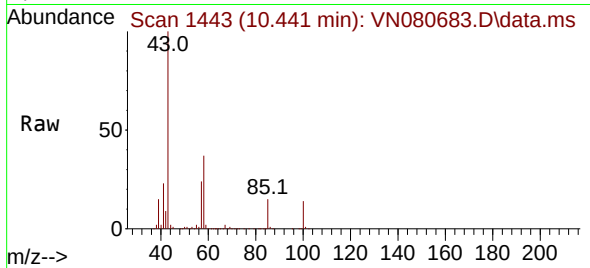
Tgt Ion: 43 Resp: 90149
Ion Ratio Lower Upper
43 100
58 37.4 36.6 54.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

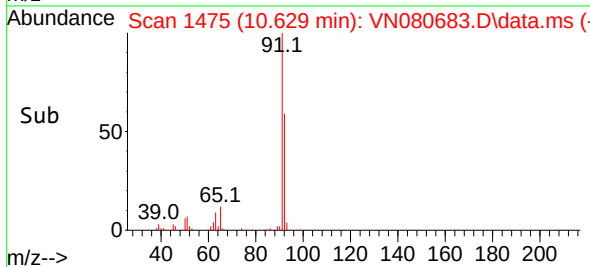
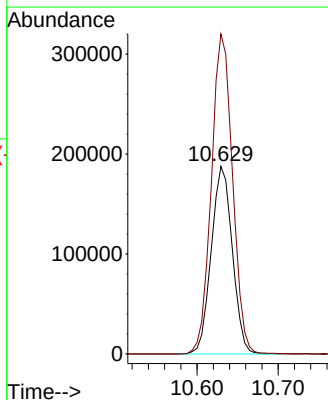
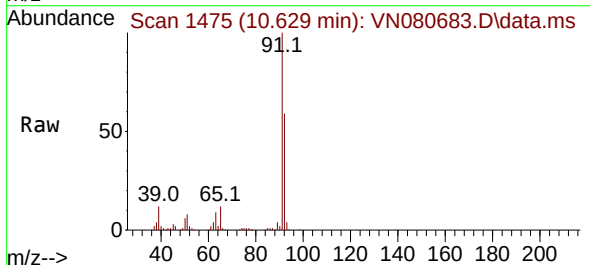
01/15/2024
Supervised By :Mahesh
Dadoda

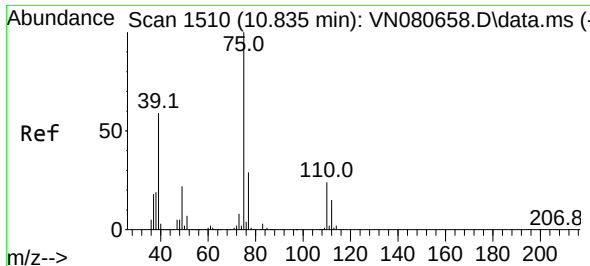
01/15/2024



#52
Toluene
Concen: 53.135 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

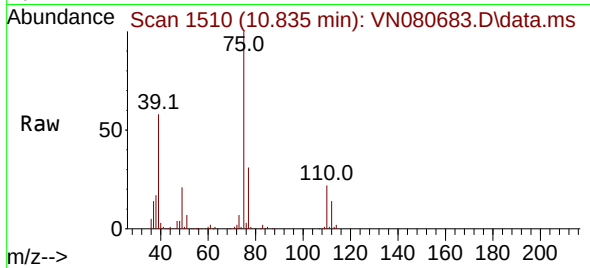
Tgt Ion: 92 Resp: 338485
Ion Ratio Lower Upper
92 100
91 171.6 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 49.965 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



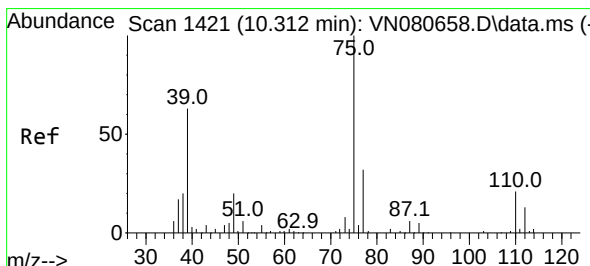
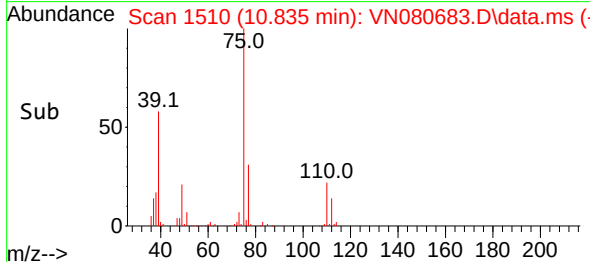
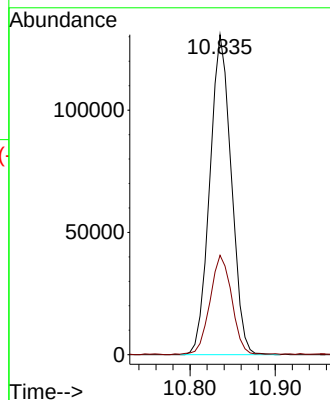
Tgt Ion: 75 Resp: 229562
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

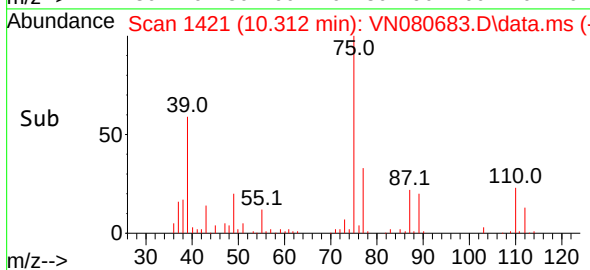
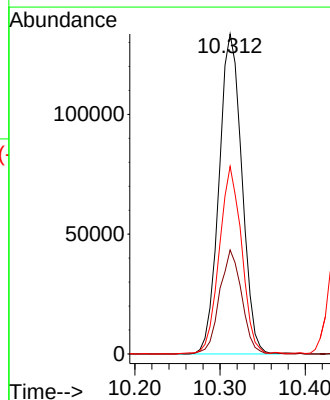
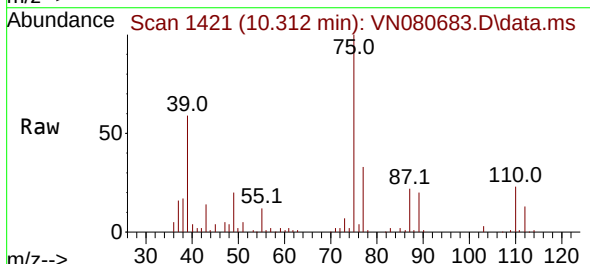
01/15/2024
Supervised By :Mahesh
Dadoda

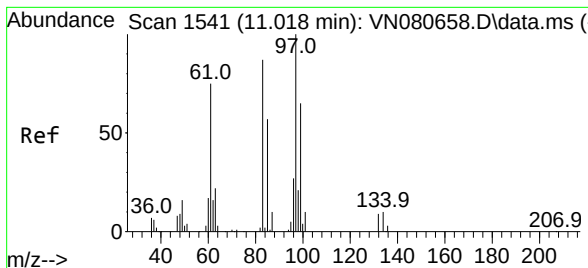
01/15/2024



#54
cis-1,3-Dichloropropene
Concen: 51.053 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

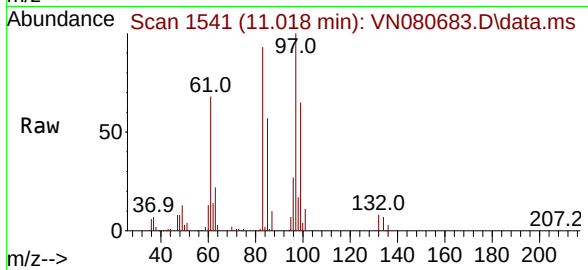
Tgt Ion: 75 Resp: 248744
Ion Ratio Lower Upper
75 100
77 32.4 26.1 39.1
39 58.5 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 51.885 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050



Tgt Ion: 97 Resp: 12722

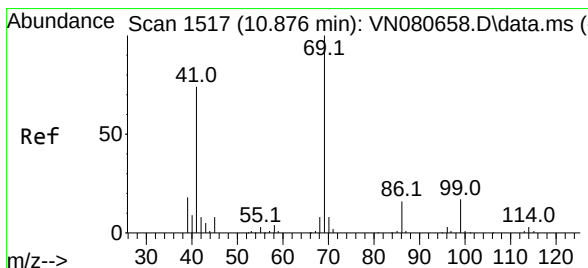
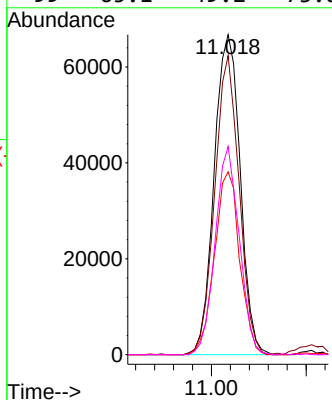
Ion	Ratio	Lower	Upper
97	100		
83	93.4	65.1	97.7
85	57.2	43.4	65.2
99	65.1	49.2	73.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

01/15/2024
Supervised By :Mahesh
Dadoda

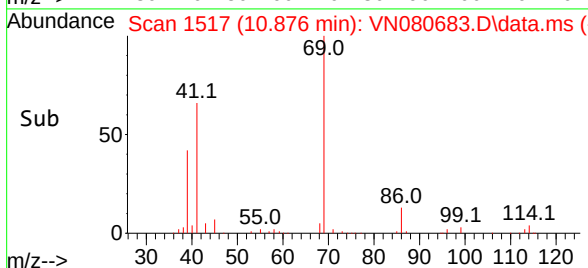
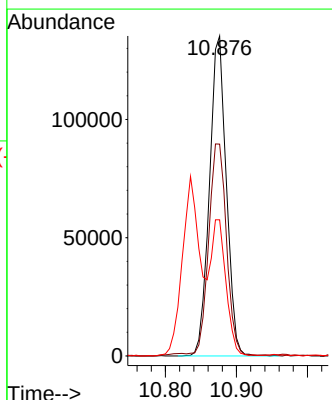
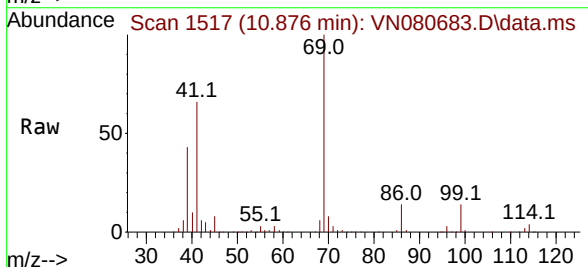
01/15/2024

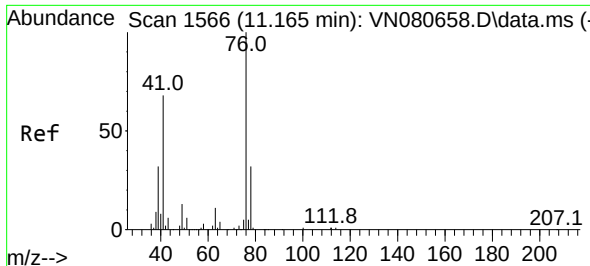


#56
Ethyl methacrylate
Concen: 50.805 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Tgt Ion: 69 Resp: 223122

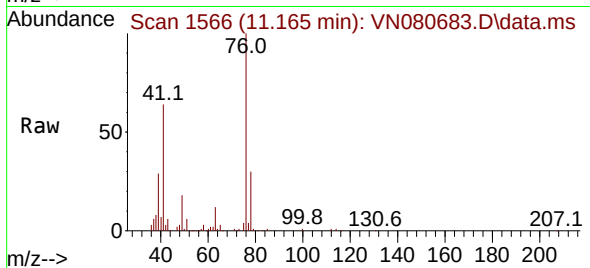
Ion	Ratio	Lower	Upper
69	100		
41	71.1	39.6	59.4#
39	36.9	28.6	43.0





#57
1,3-Dichloropropane
Concen: 52.045 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



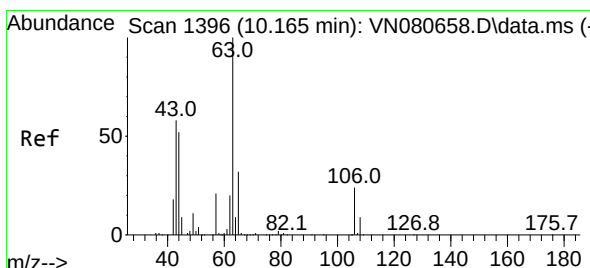
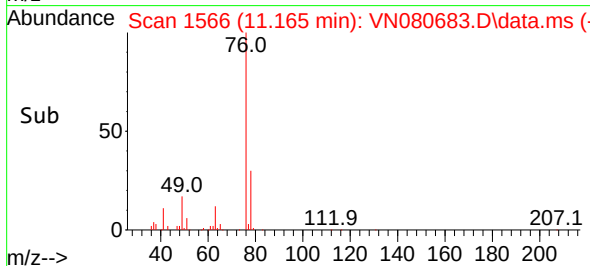
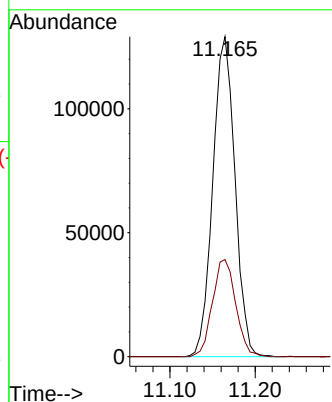
Tgt Ion: 76 Resp: 232970
Ion Ratio Lower Upper
76 100
78 31.9 26.1 39.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

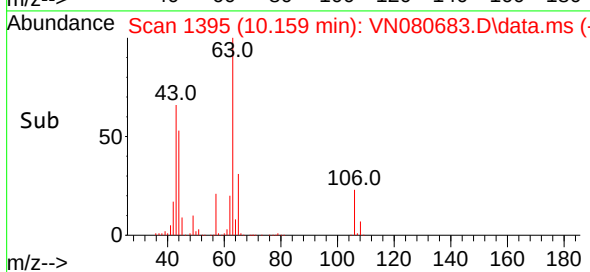
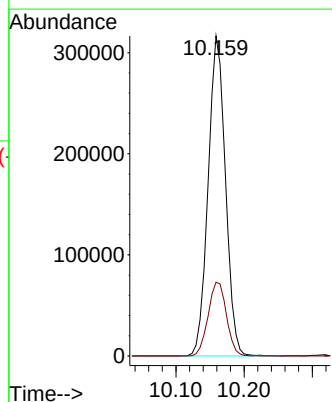
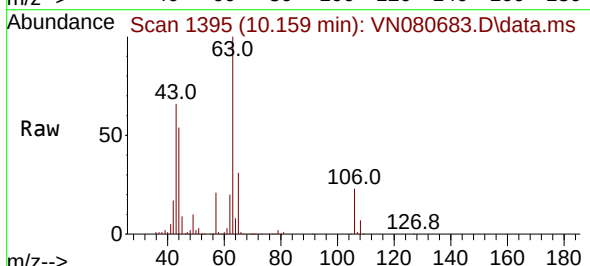
01/15/2024
Supervised By :Mahesh
Dadoda

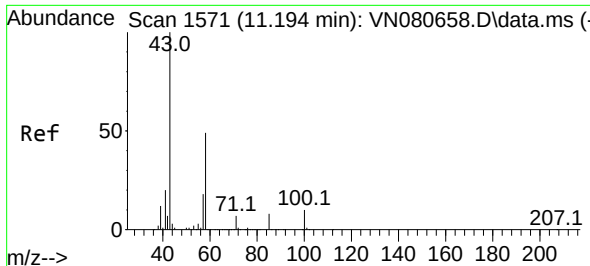
01/15/2024



#58
2-Chloroethyl Vinyl ether
Concen: 266.260 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

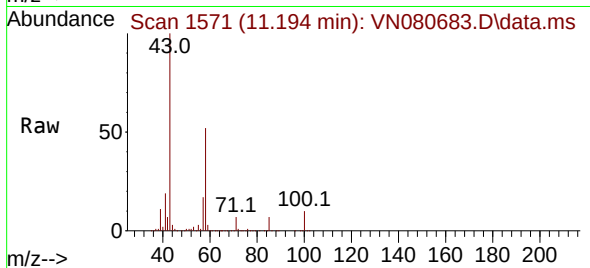
Tgt Ion: 63 Resp: 560083
Ion Ratio Lower Upper
63 100
106 24.4 26.2 39.4#





#59
2-Hexanone
Concen: 234.621 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



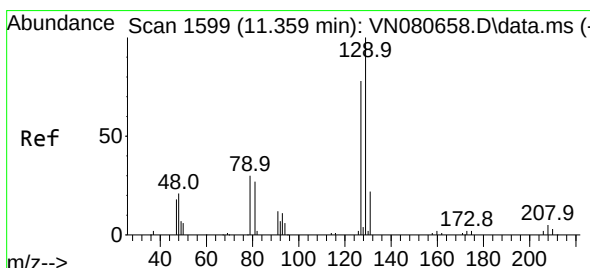
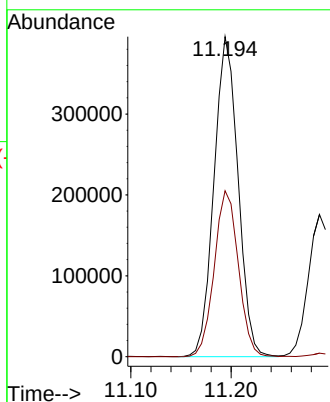
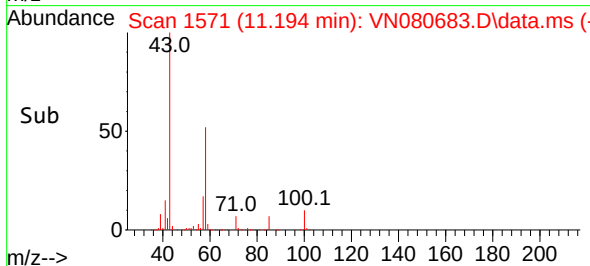
Tgt Ion: 43 Resp: 65871
Ion Ratio Lower Upper
43 100
58 51.9 31.7 95.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

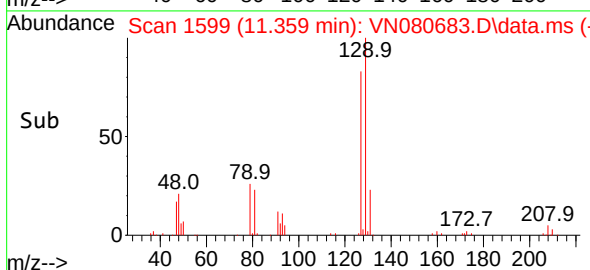
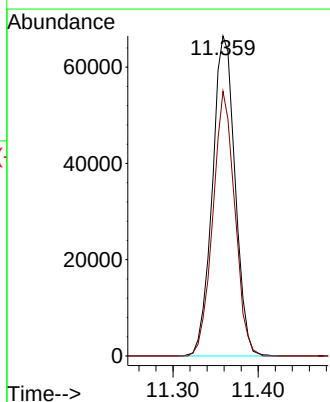
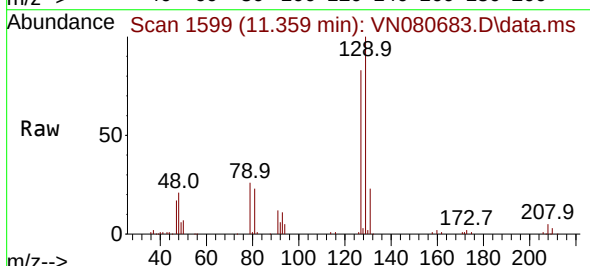
01/15/2024
Supervised By :Mahesh
Dadoda

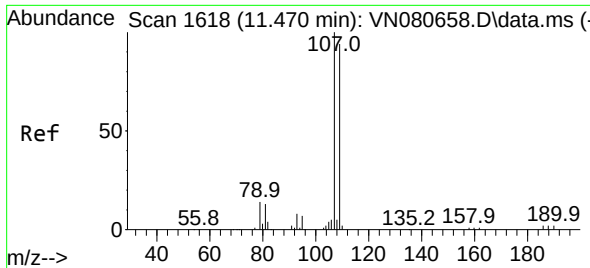
01/15/2024



#60
Dibromochloromethane
Concen: 48.848 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

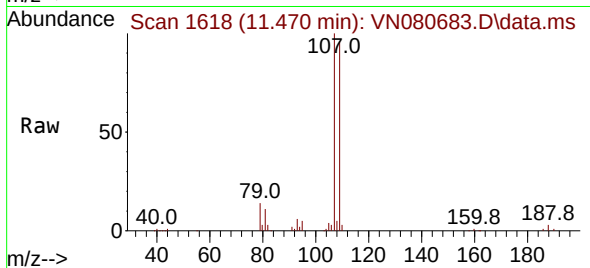
Tgt Ion:129 Resp: 123096
Ion Ratio Lower Upper
129 100
127 80.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 50.716 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



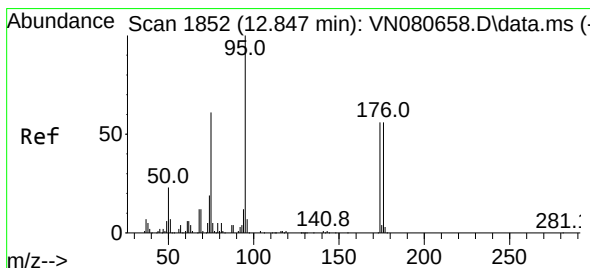
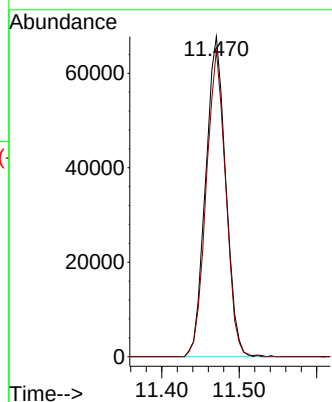
Tgt Ion:107 Resp: 12224
Ion Ratio Lower Upper
107 100
109 92.6 76.6 114.8

Manual Integrations
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Reviewed By :John
Carlone

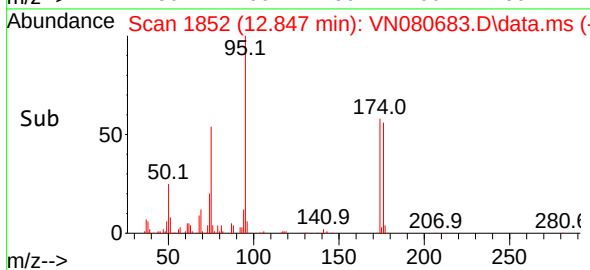
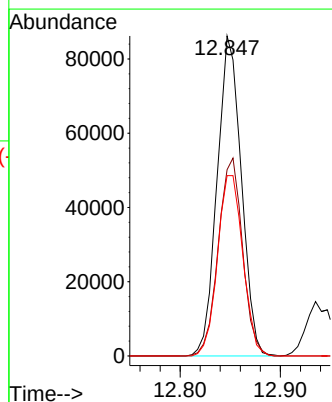
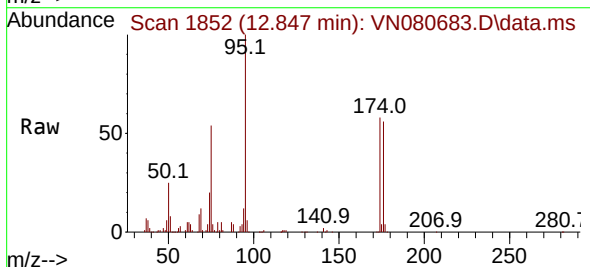
01/15/2024
Supervised By :Mahesh
Dadoda

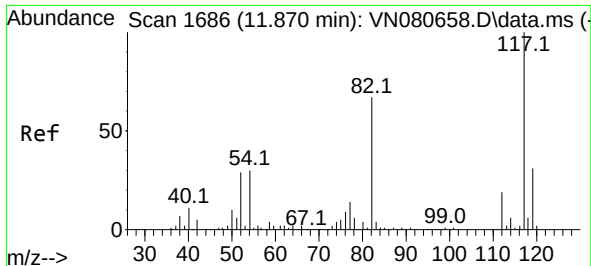
01/15/2024



#62
4-Bromofluorobenzene
Concen: 51.157 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

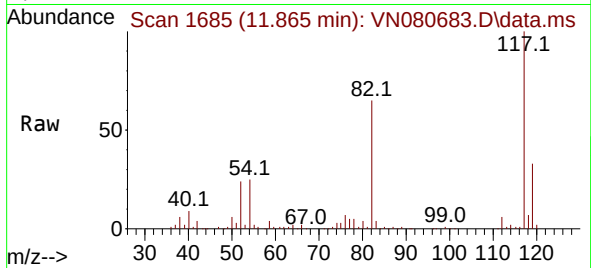
Tgt Ion: 95 Resp: 144428
Ion Ratio Lower Upper
95 100
174 62.0 0.0 143.8
176 59.0 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



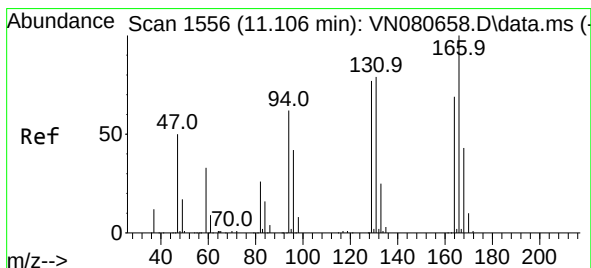
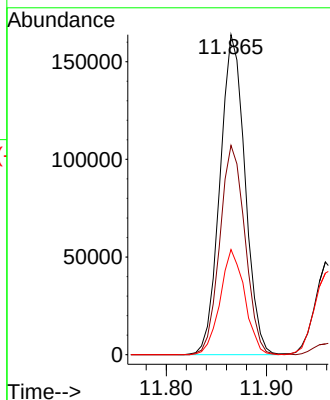
Tgt Ion:117 Resp: 284324
Ion Ratio Lower Upper
117 100
82 65.4 44.0 66.0
119 32.9 25.6 38.4

Manual Integrations
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Reviewed By :John
Carlone

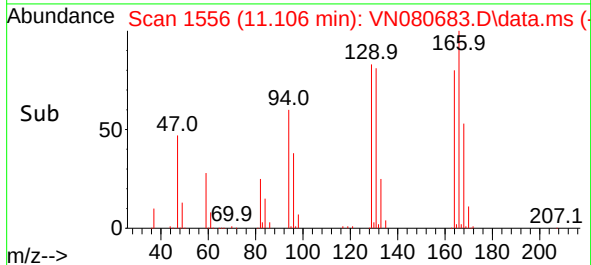
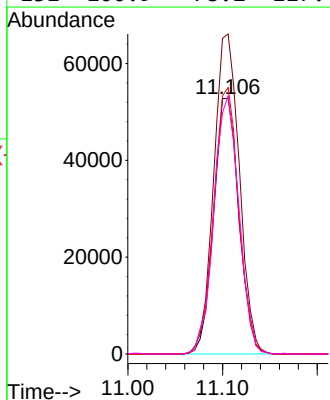
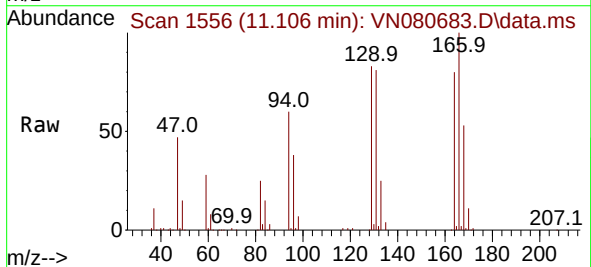
01/15/2024
Supervised By :Mahesh
Dadoda

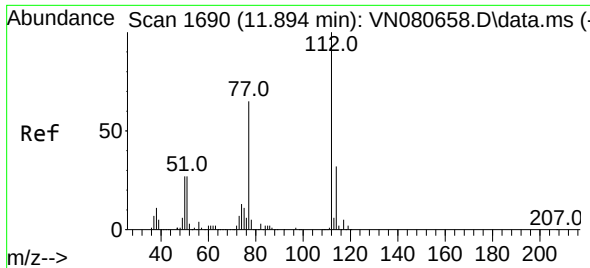
01/15/2024



#64
Tetrachloroethene
Concen: 50.058 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

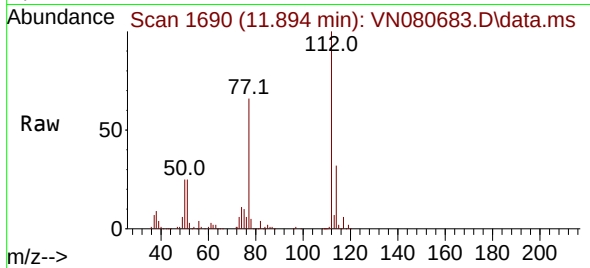
Tgt Ion:164 Resp: 97742
Ion Ratio Lower Upper
164 100
166 125.3 101.4 152.0
129 104.3 82.4 123.6
131 100.9 78.2 117.4





#65
Chlorobenzene
Concen: 52.785 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



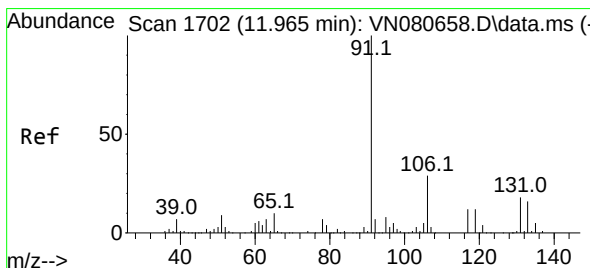
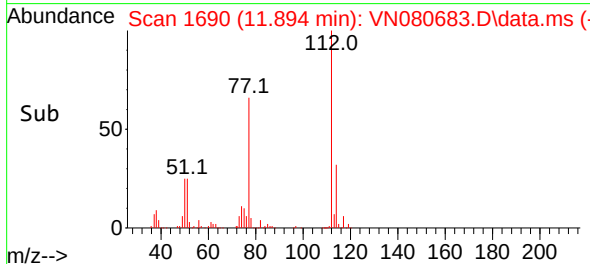
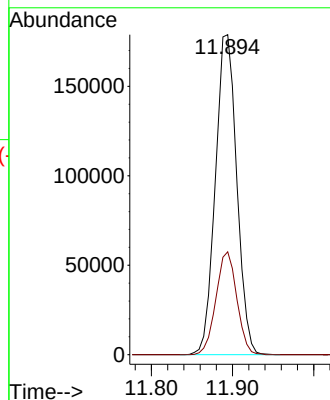
Tgt Ion:112 Resp: 32789
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.4

Manual Integrations
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Reviewed By :John
Carlone

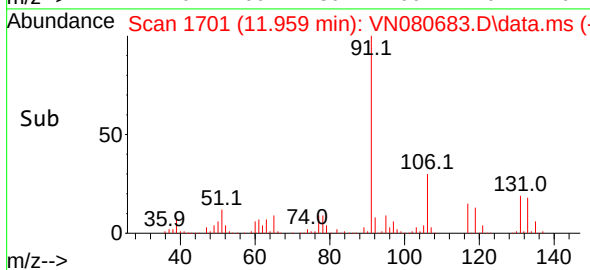
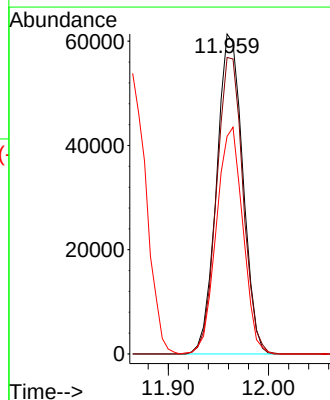
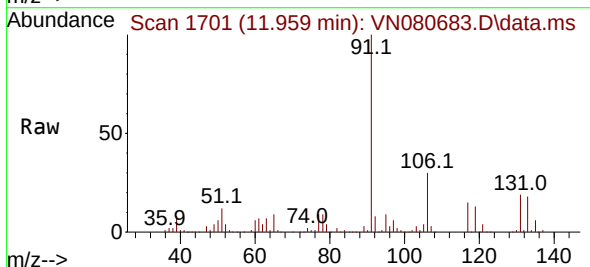
01/15/2024
Supervised By :Mahesh
Dadoda

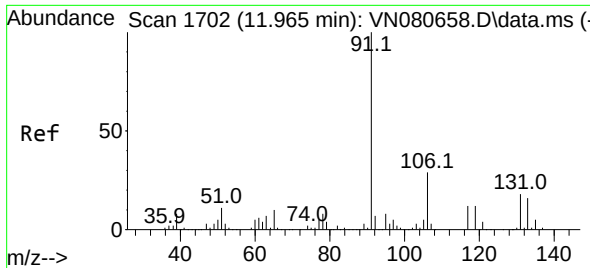
01/15/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 50.494 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Tgt Ion:131 Resp: 111364
Ion Ratio Lower Upper
131 100
133 93.4 46.4 139.1
119 71.7 34.1 102.2





#67
Ethyl Benzene
Concen: 52.712 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 62525
Ion Ratio Lower Upper
91 100
106 27.8 25.6 38.4

Manual Integrations

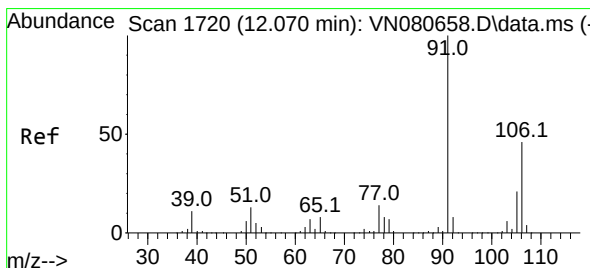
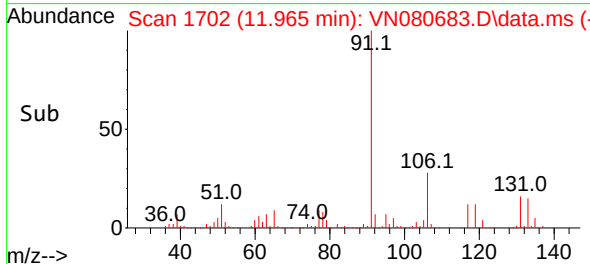
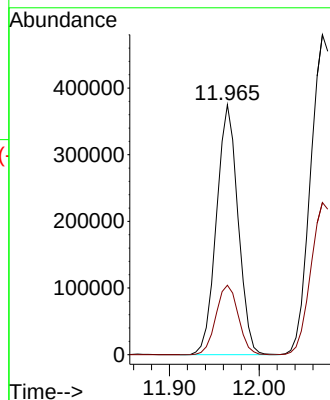
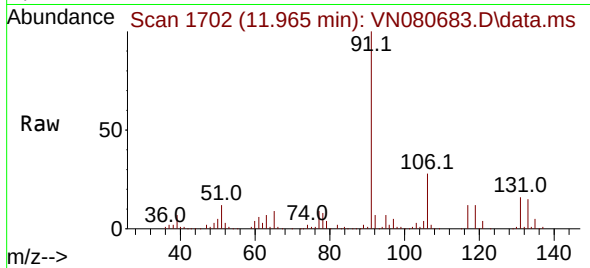
APPROVED

Reviewed By :John
Carlone

01/15/2024

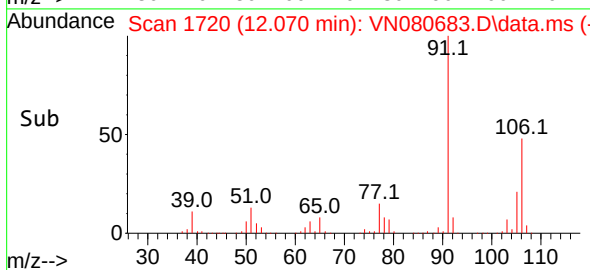
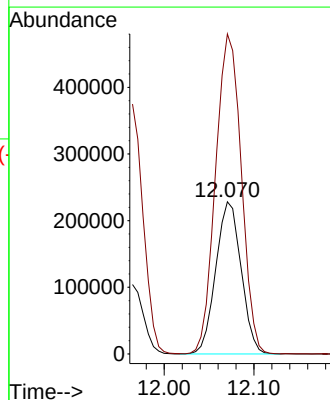
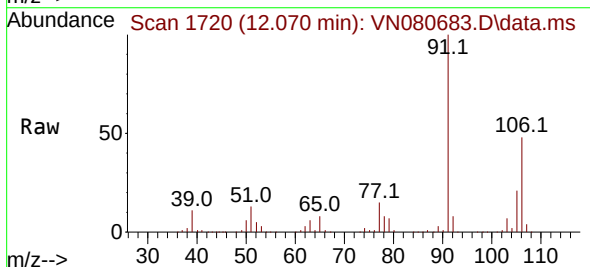
Supervised By :Mahesh
Dadoda

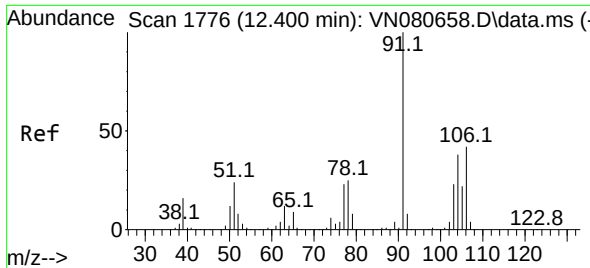
01/15/2024



#68
m/p-Xylenes
Concen: 107.256 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Tgt Ion:106 Resp: 447278
Ion Ratio Lower Upper
106 100
91 214.0 159.6 239.4





#69
o-Xylene
Concen: 54.621 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

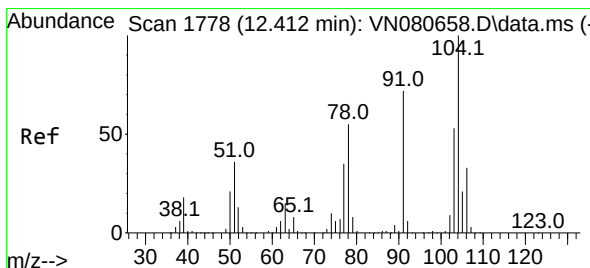
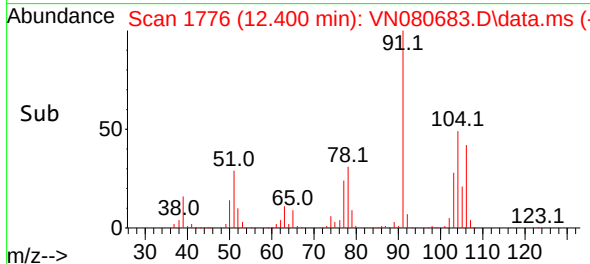
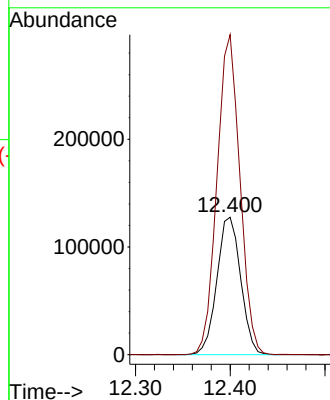
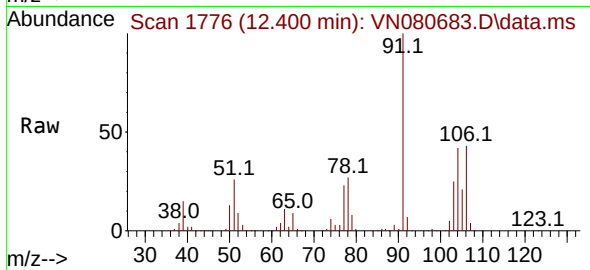
Tgt Ion:106 Resp: 22271
Ion Ratio Lower Upper
106 100
91 224.6 105.2 315.5

Manual Integrations
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Reviewed By :John
Carlone

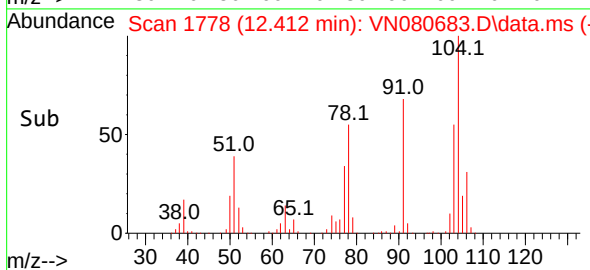
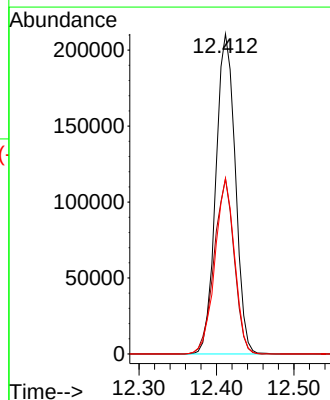
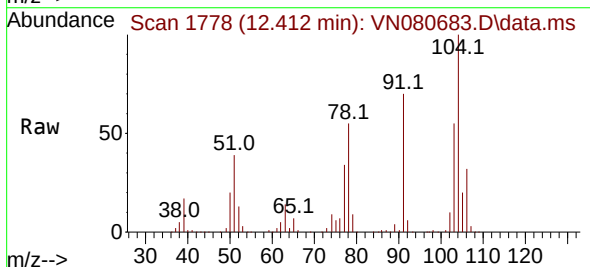
01/15/2024
Supervised By :Mahesh
Dadoda

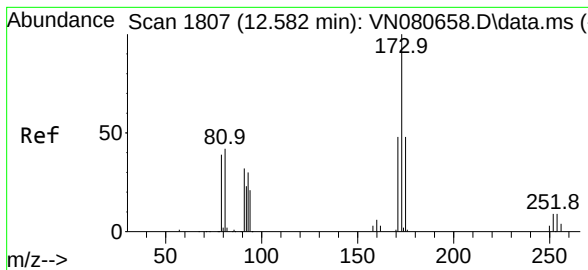
01/15/2024



#70
Styrene
Concen: 53.085 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

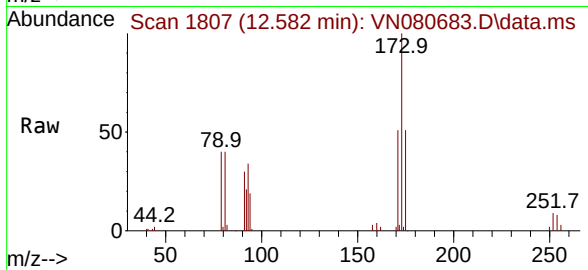
Tgt Ion:104 Resp: 367553
Ion Ratio Lower Upper
104 100
78 56.4 39.5 59.3
103 55.2 43.2 64.8





#71
Bromoform
Concen: 49.709 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



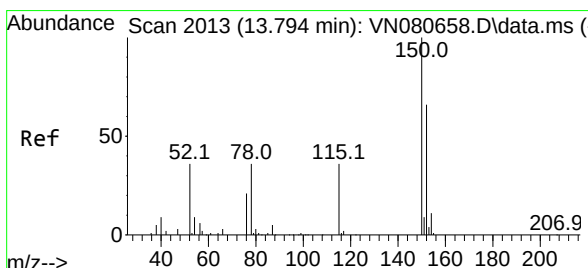
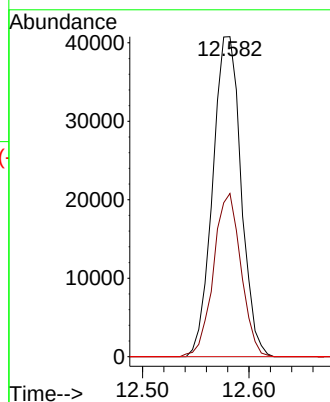
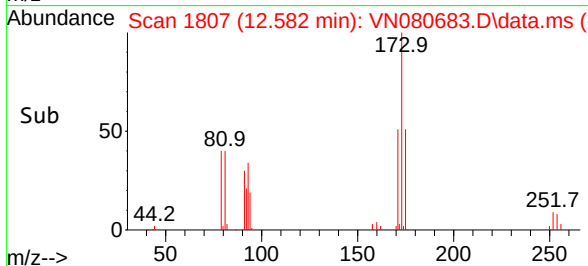
Tgt Ion:173 Resp: 75425
Ion Ratio Lower Upper
173 100
175 49.4 24.3 73.0
254 0.0 0.0 0.0

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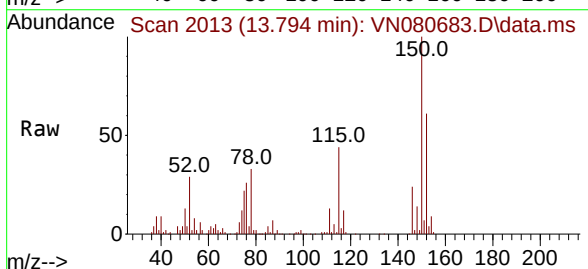
Reviewed By :John
Carlone

01/15/2024
Supervised By :Mahesh
Dadoda

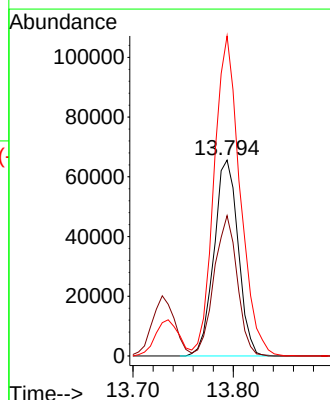
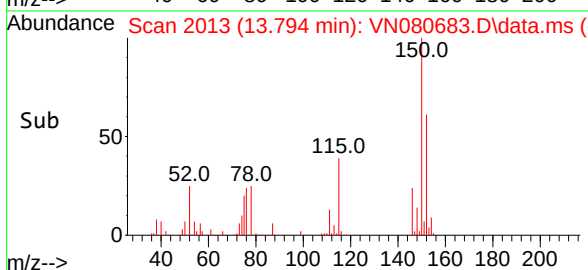
01/15/2024

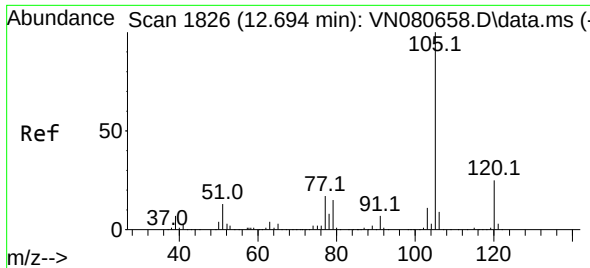


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13



Tgt Ion:152 Resp: 109668
Ion Ratio Lower Upper
152 100
115 68.7 32.3 96.8
150 175.8 0.0 355.8





#73
Isopropylbenzene
Concen: 52.256 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 544958
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.1

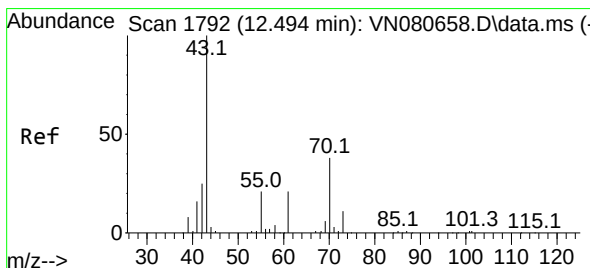
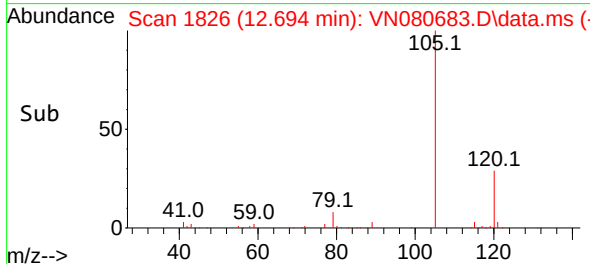
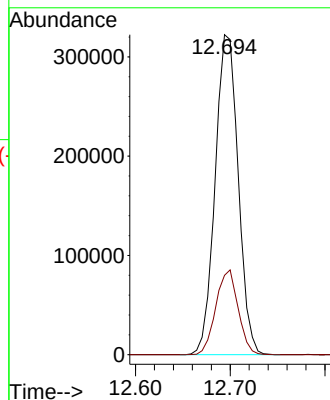
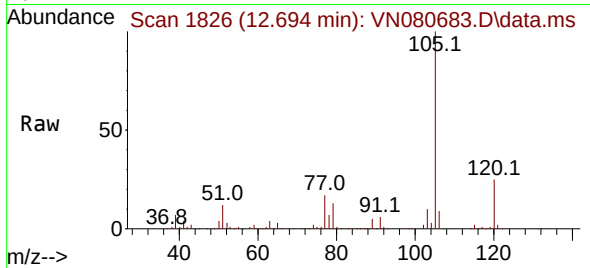
Manual Integrations
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Reviewed By :John
Carlone

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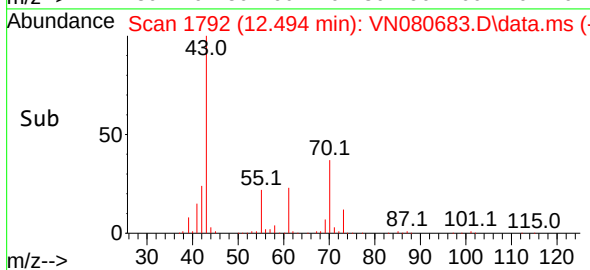
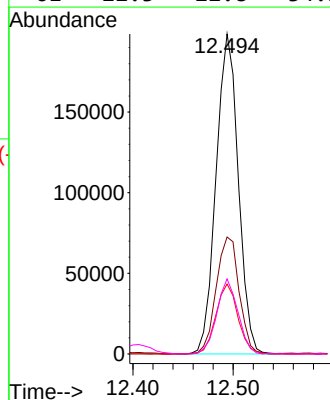
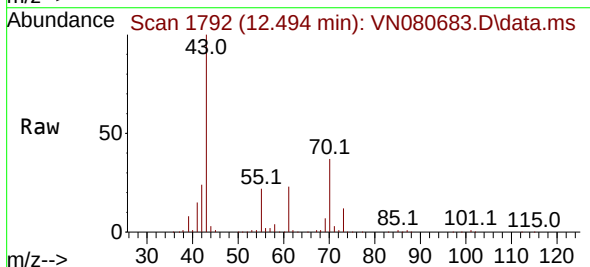
Supervised By :Mahesh
Dadoda

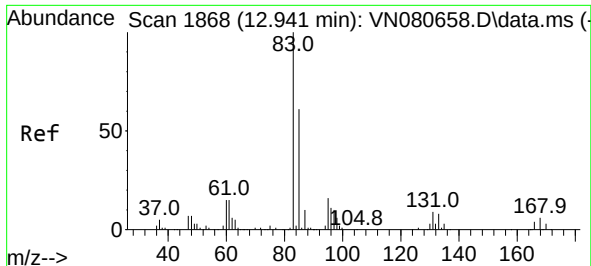
01/15/2024



#74
N-ethyl acetate
Concen: 48.802 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

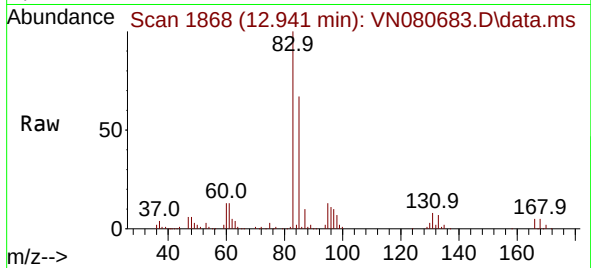
Tgt Ion: 43 Resp: 305424
Ion Ratio Lower Upper
43 100
70 37.7 43.4 65.2#
55 21.7 21.4 32.0
61 22.3 22.8 34.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 49.576 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



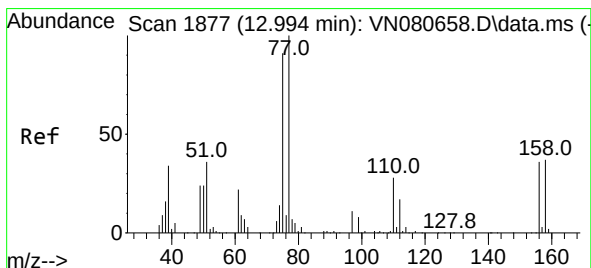
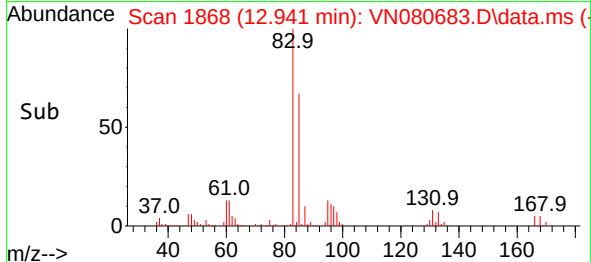
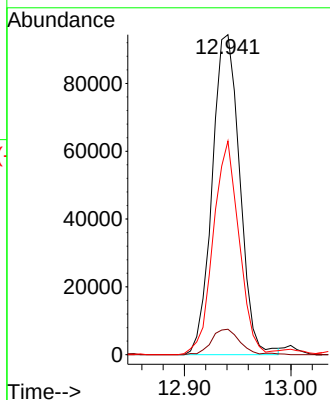
Tgt Ion: 83 Resp: 169590
Ion Ratio Lower Upper
83 100
131 8.3 5.0 15.0
85 62.7 31.9 95.7

Manual Integrations
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Reviewed By :John
Carlone

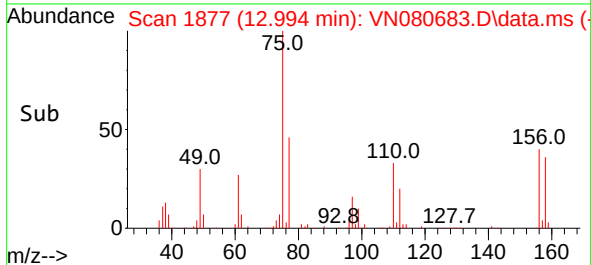
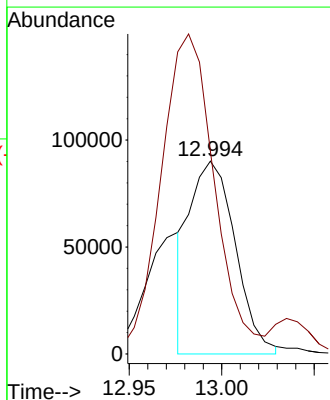
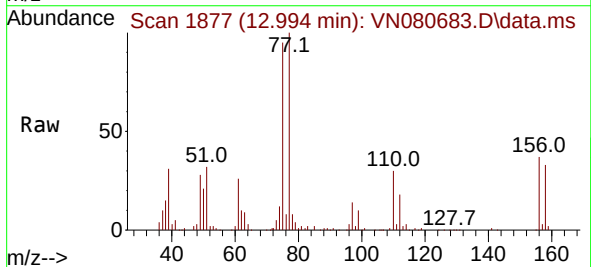
01/15/2024
Supervised By :Mahesh
Dadoda

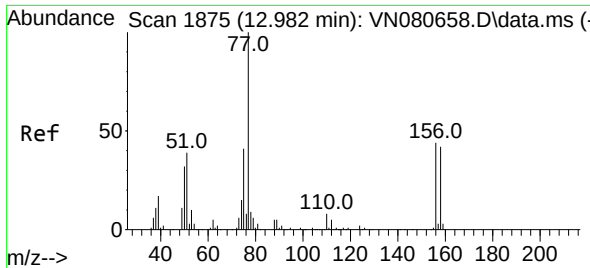
01/15/2024



#76
1,2,3-Trichloropropane
Concen: 45.447 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Tgt Ion: 75 Resp: 153688
Ion Ratio Lower Upper
75 100
77 196.9 84.5 253.5





#77
Bromobenzene
Concen: 50.231 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

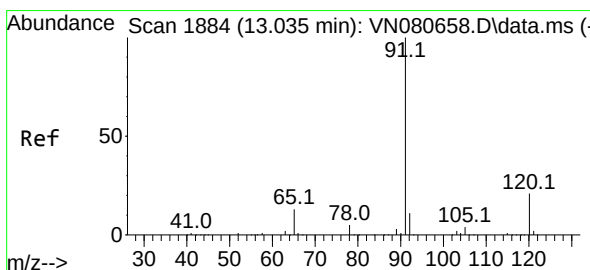
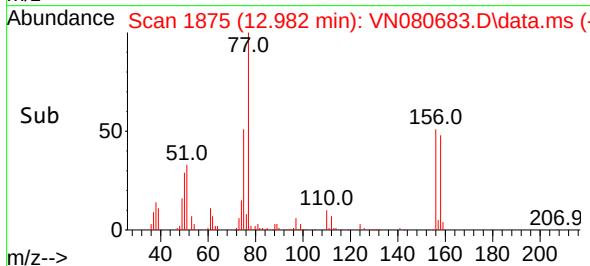
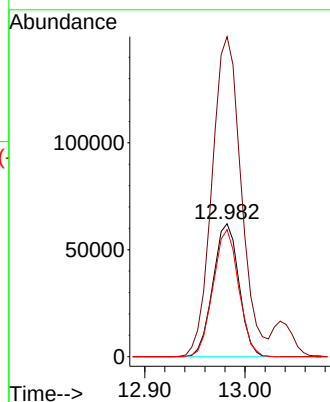
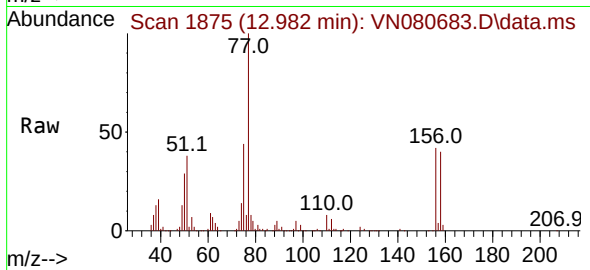
Tgt Ion:156 Resp: 111262
Ion Ratio Lower Upper
156 100
77 272.0 107.7 323.3
158 94.4 48.4 145.3

Manual Integrations
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Reviewed By :John
Carlone

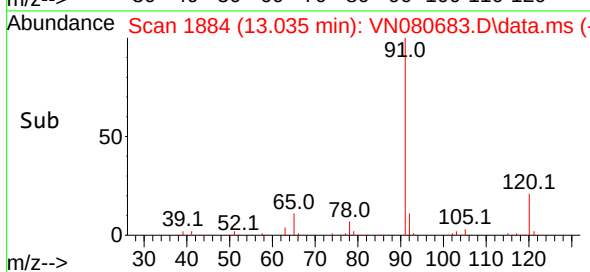
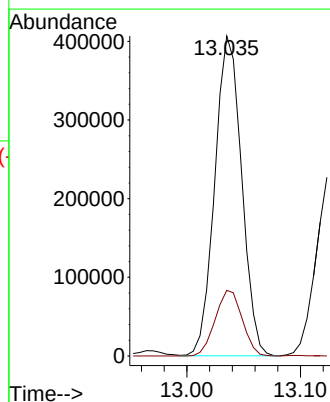
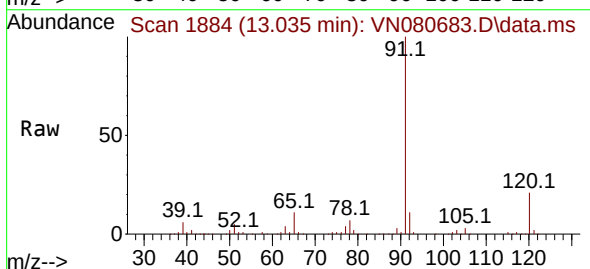
01/15/2024
Supervised By :Mahesh
Dadoda

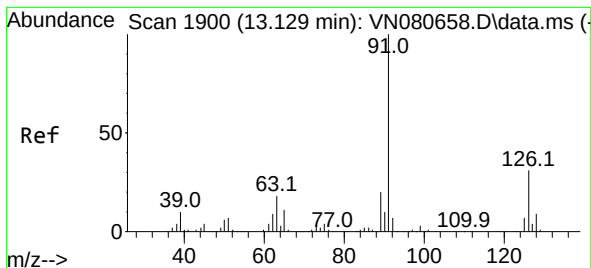
01/15/2024



#78
n-propylbenzene
Concen: 52.134 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Tgt Ion: 91 Resp: 666948
Ion Ratio Lower Upper
91 100
120 20.6 11.5 34.4





#79
2-Chlorotoluene
Concen: 49.347 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

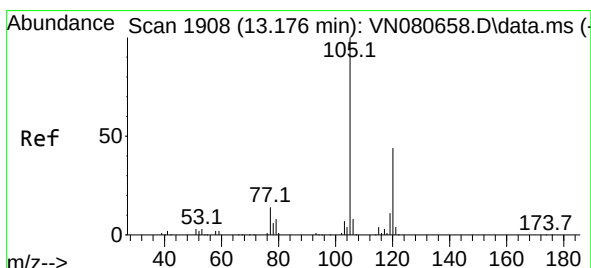
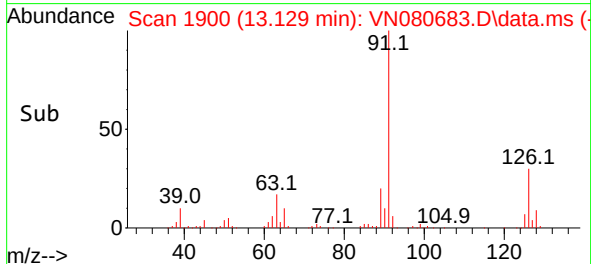
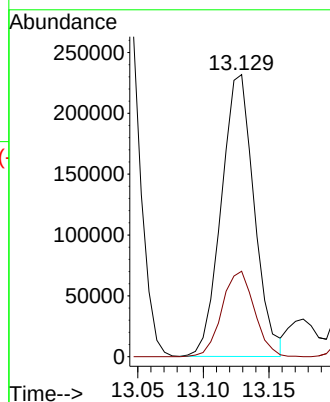
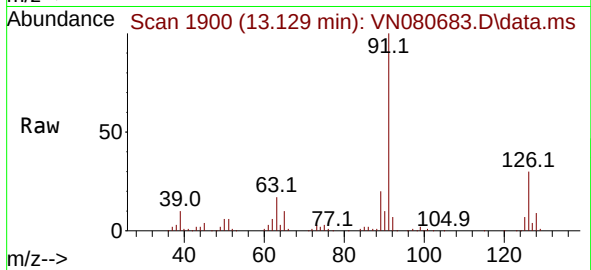
Tgt Ion: 91 Resp: 404572
Ion Ratio Lower Upper
91 100
126 29.9 16.3 48.8

Manual Integrations
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Reviewed By :John
Carlone

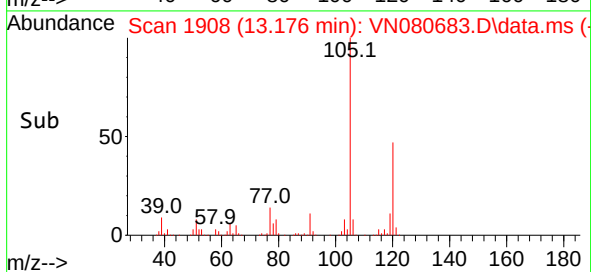
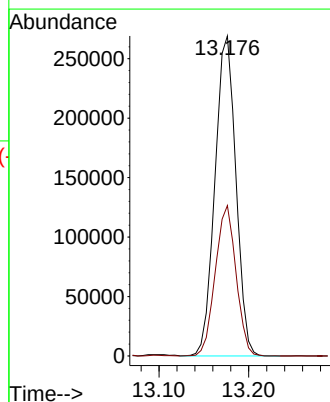
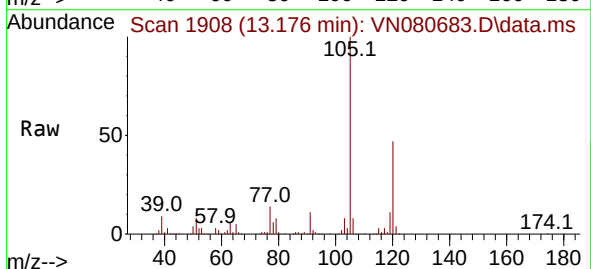
01/15/2024
Supervised By :Mahesh
Dadoda

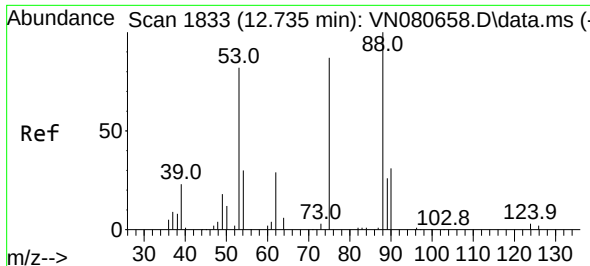
01/15/2024



#80
1,3,5-Trimethylbenzene
Concen: 50.203 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

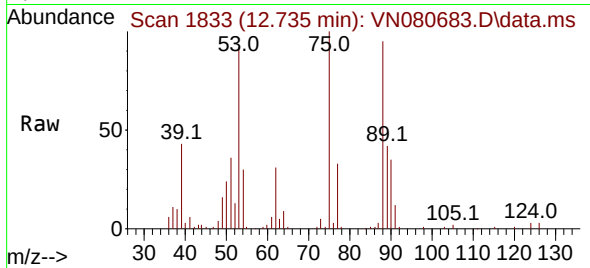
Tgt Ion:105 Resp: 436323
Ion Ratio Lower Upper
105 100
120 46.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 53.350 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



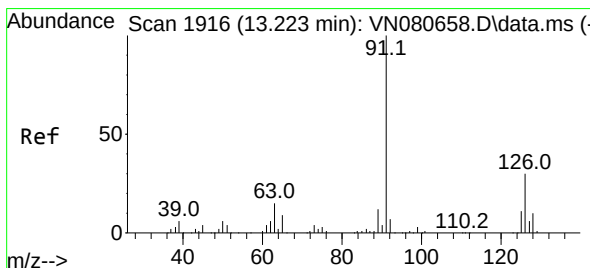
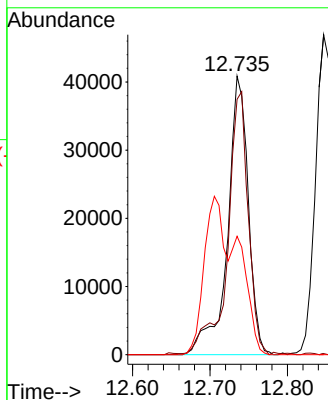
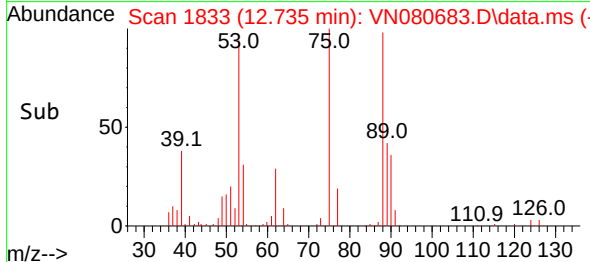
Tgt Ion: 75 Resp: 7653
Ion Ratio Lower Upper
75 100
53 94.0 67.4 101.2
89 0.0 38.8 58.2

Manual Integrations
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Reviewed By :John
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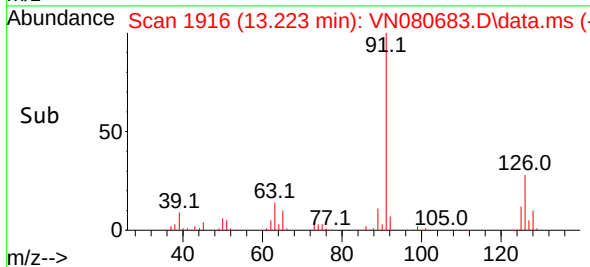
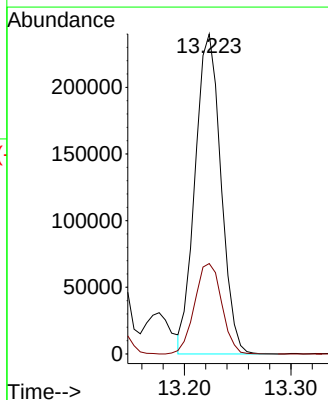
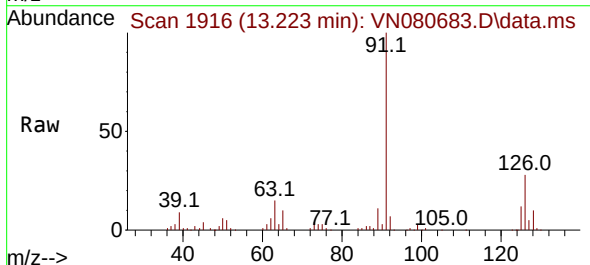
01/15/2024
Supervised By :Mahesh
Dadoda

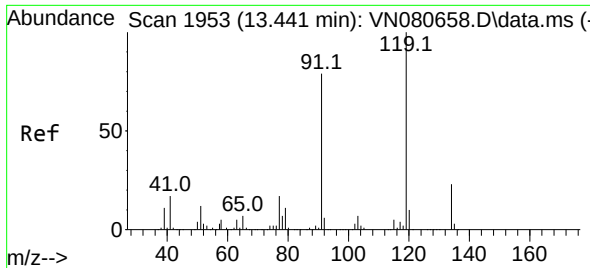
01/15/2024



#82
4-Chlorotoluene
Concen: 50.354 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

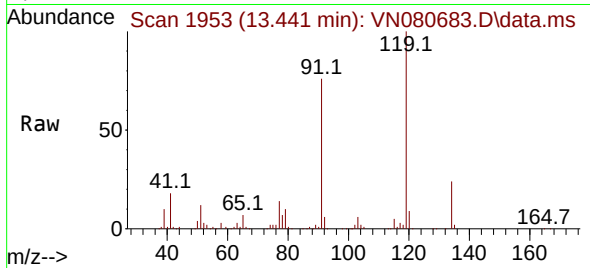
Tgt Ion: 91 Resp: 404718
Ion Ratio Lower Upper
91 100
126 29.6 16.7 50.0





#83
tert-Butylbenzene
Concen: 49.887 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



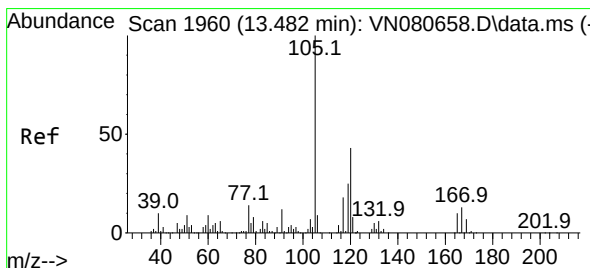
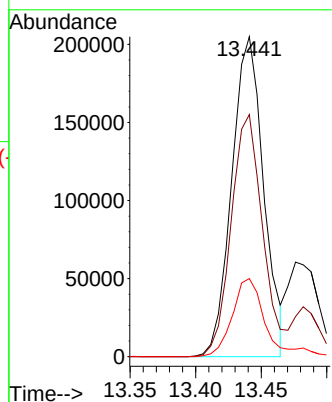
Tgt Ion:119 Resp: 346618
Ion Ratio Lower Upper
119 100
91 75.5 33.9 101.7
134 25.5 13.2 39.6

Manual Integrations
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Reviewed By :John
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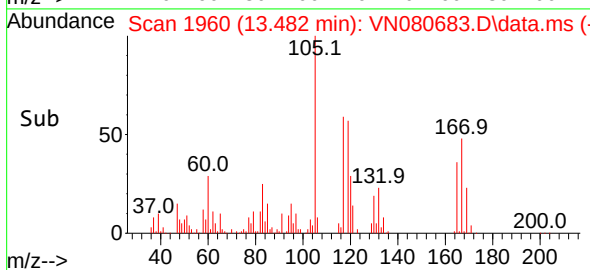
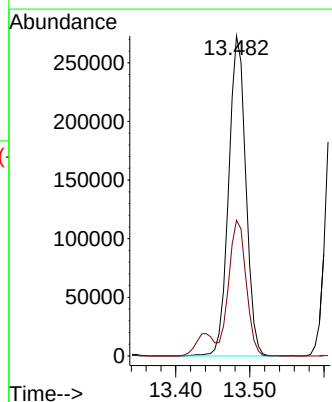
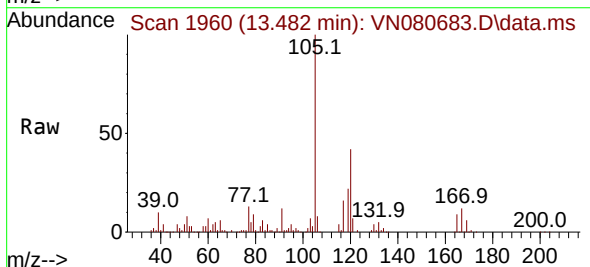
01/15/2024
Supervised By :Mahesh
Dadoda

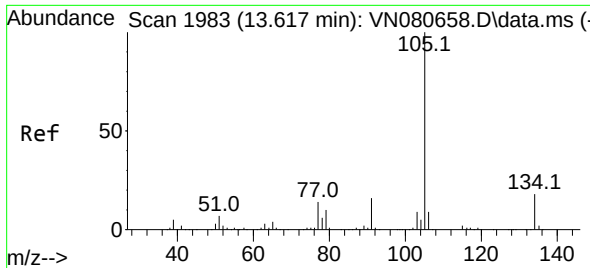
01/15/2024



#84
1,2,4-Trimethylbenzene
Concen: 51.251 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Tgt Ion:105 Resp: 437994
Ion Ratio Lower Upper
105 100
120 43.3 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 52.083 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080683.D
 Acq: 12 Jan 2024 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDC050

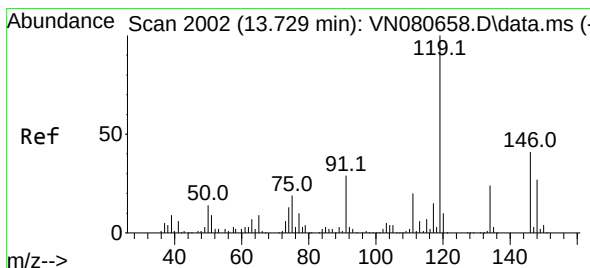
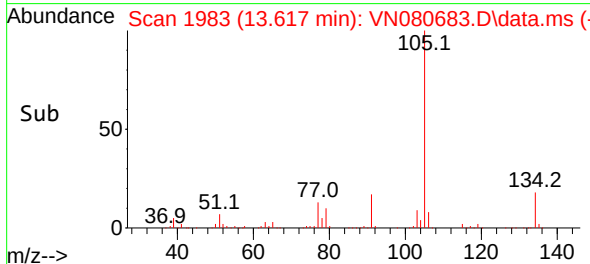
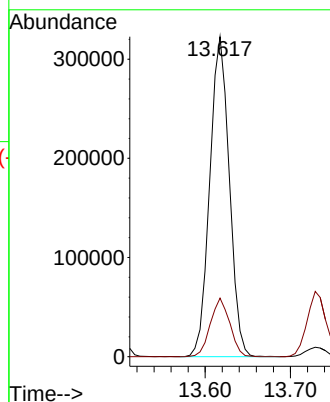
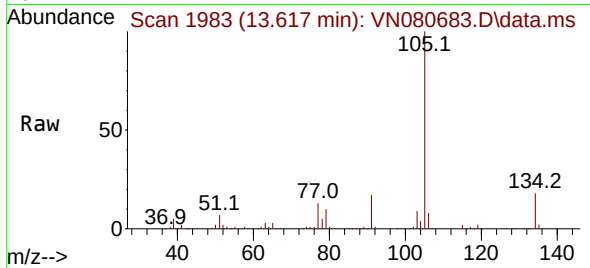
Tgt Ion:105 Resp: 51416
 Ion Ratio Lower Upper
 105 100
 134 18.2 9.8 29.3

Manual Integrations
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Reviewed By :John
 Carlone

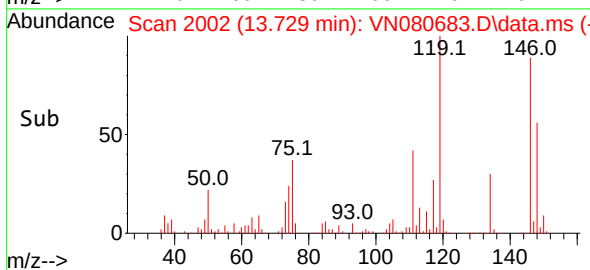
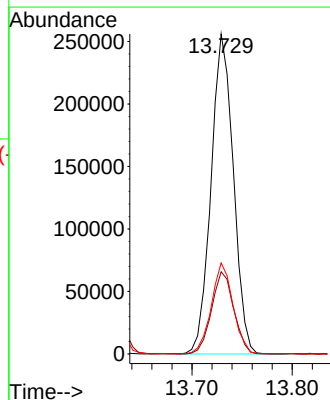
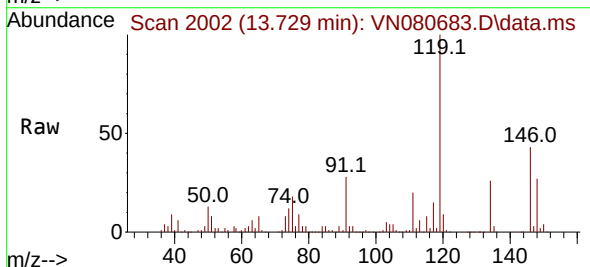
01/15/2024
 Supervised By :Mahesh
 Dadoda

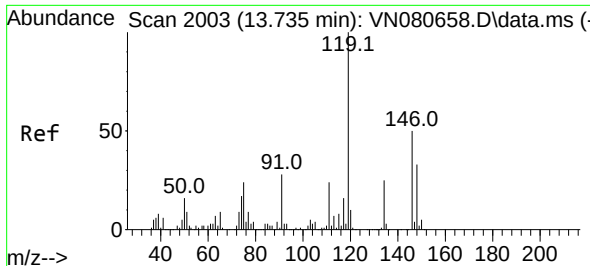
01/15/2024



#86
 p-Isopropyltoluene
 Concen: 50.759 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080683.D
 Acq: 12 Jan 2024 12:13

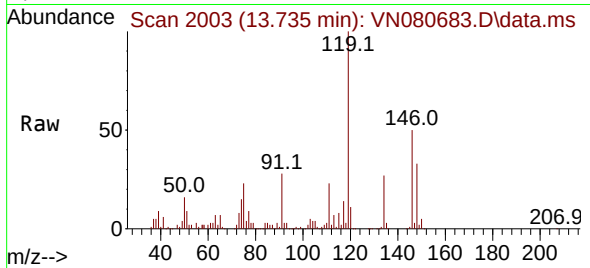
Tgt Ion:119 Resp: 395753
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 27.5 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 49.581 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



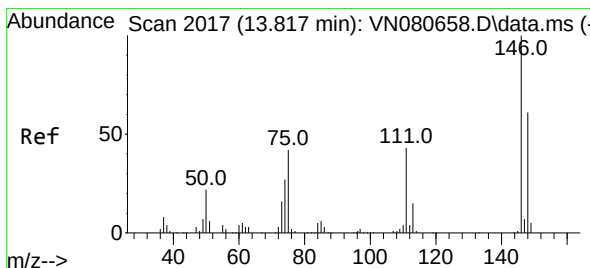
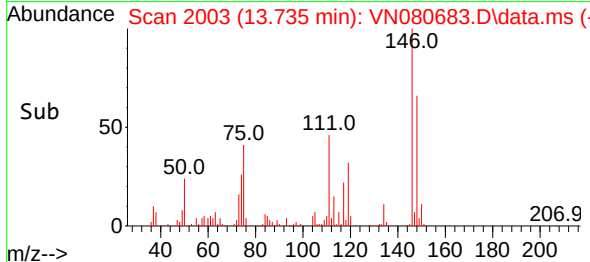
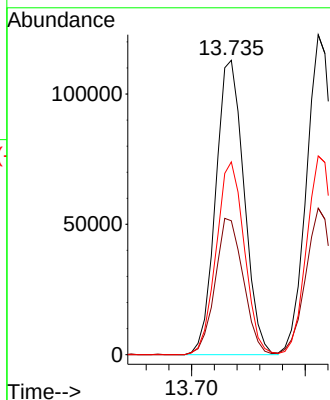
Tgt Ion:146 Resp: 196150
Ion Ratio Lower Upper
146 100
111 45.8 22.1 66.3
148 64.8 32.0 96.0

Manual Integrations
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Reviewed By :John
Carlone

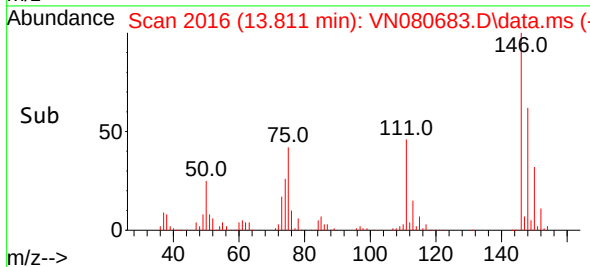
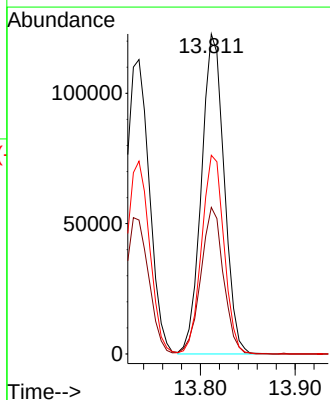
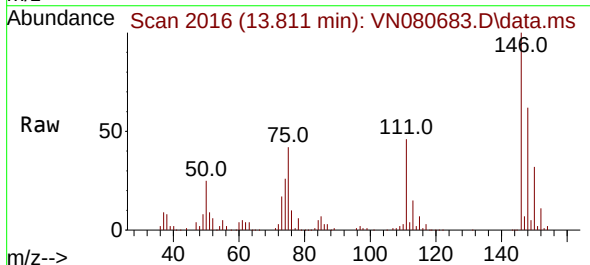
01/15/2024
Supervised By :Mahesh
Dadoda

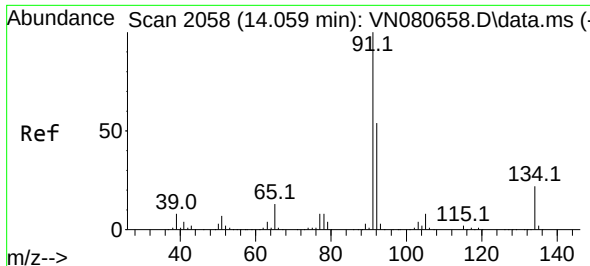
01/15/2024



#88
1,4-Dichlorobenzene
Concen: 50.710 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Tgt Ion:146 Resp: 204384
Ion Ratio Lower Upper
146 100
111 45.6 20.6 61.8
148 61.2 31.6 94.8





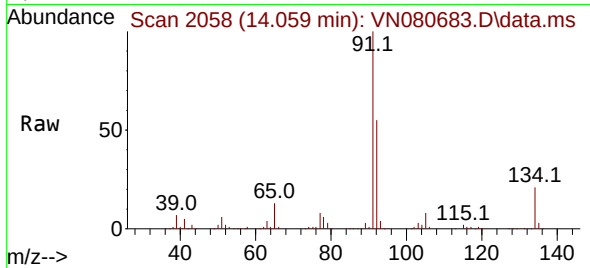
#89
n-Butylbenzene
Concen: 53.008 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 91 Resp: 398364
Ion Ratio Lower Upper
91 100
92 54.5 26.4 79.0
134 21.9 12.6 37.6

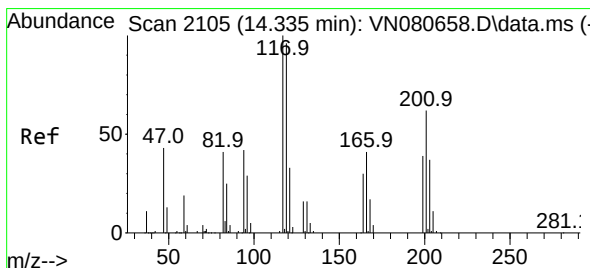
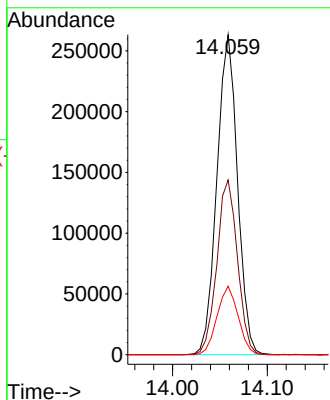
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Carlone

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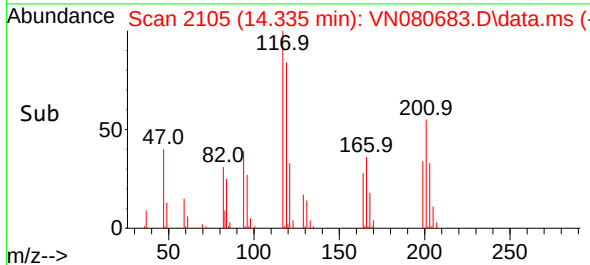
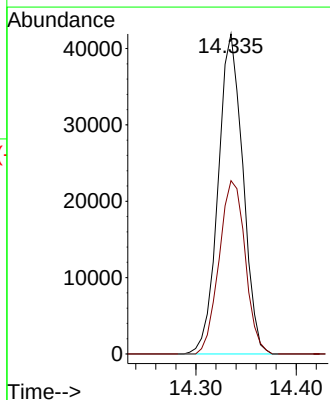
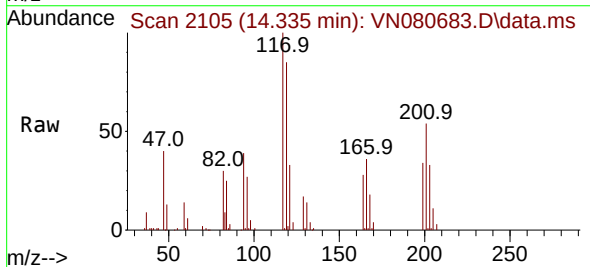
Supervised By :Mahesh
Dadoda

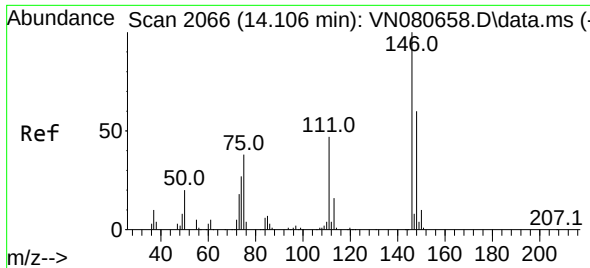
01/15/2024



#90
Hexachloroethane
Concen: 49.559 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Tgt Ion:117 Resp: 71659
Ion Ratio Lower Upper
117 100
201 57.1 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 52.118 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

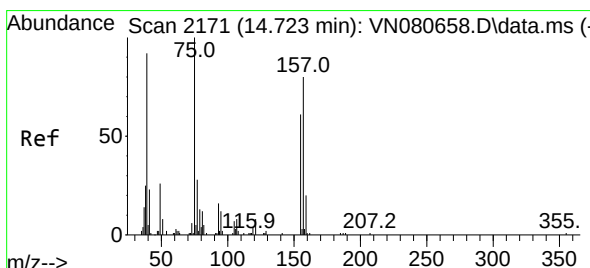
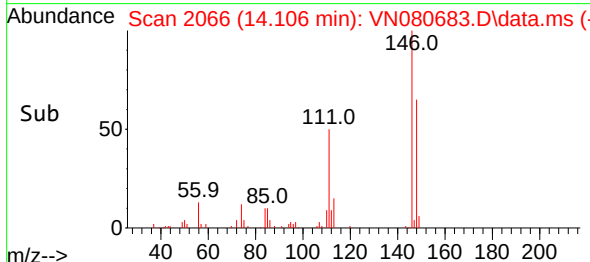
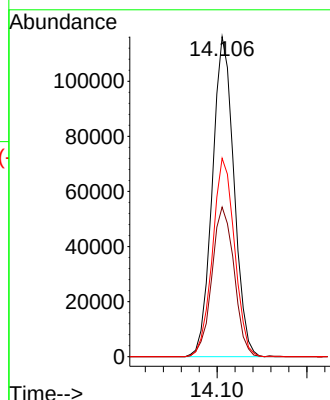
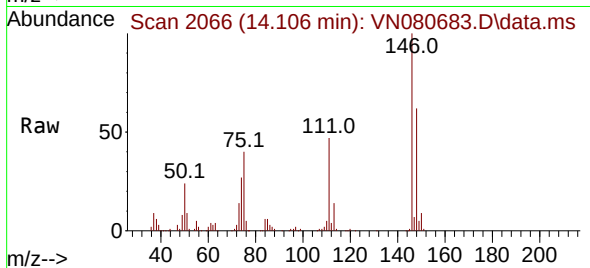
Tgt Ion:146 Resp: 19430
Ion Ratio Lower Upper
146 100
111 48.0 22.0 66.0
148 63.2 31.8 95.3

Manual Integrations
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Reviewed By :John
Carlone

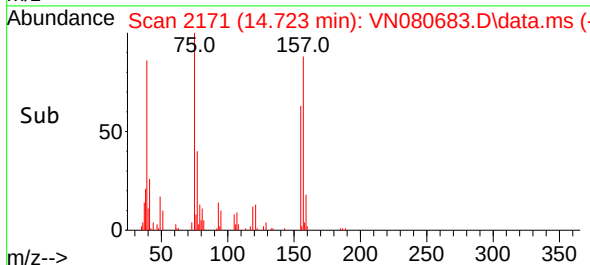
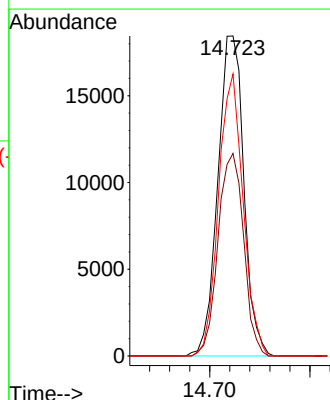
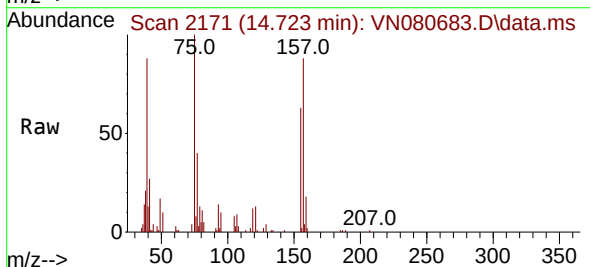
01/15/2024
Supervised By :Mahesh
Dadoda

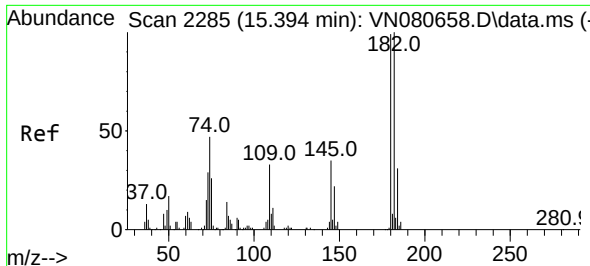
01/15/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.336 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080683.D
Acq: 12 Jan 2024 12:13

Tgt Ion: 75 Resp: 33193
Ion Ratio Lower Upper
75 100
155 62.3 39.1 117.2
157 83.2 50.3 150.9





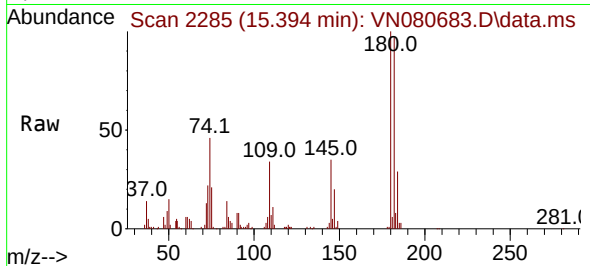
#93
 1,2,4-Trichlorobenzene
 Concen: 49.855 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. -0.000 min
 Lab File: VN080683.D
 Acq: 12 Jan 2024 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



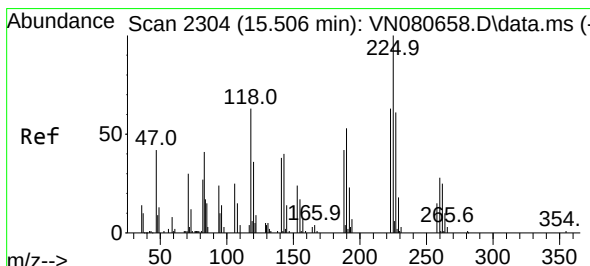
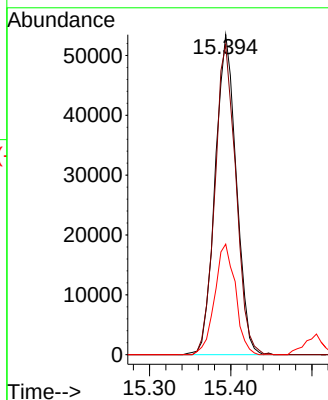
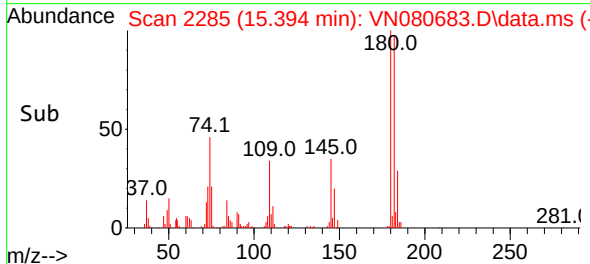
Tgt Ion:180 Resp: 96798
 Ion Ratio Lower Upper
 180 100
 182 96.5 46.1 138.2
 145 33.9 16.6 49.8

Manual Integrations
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Reviewed By :John
 Carlone

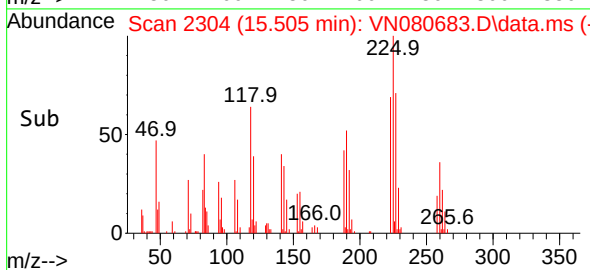
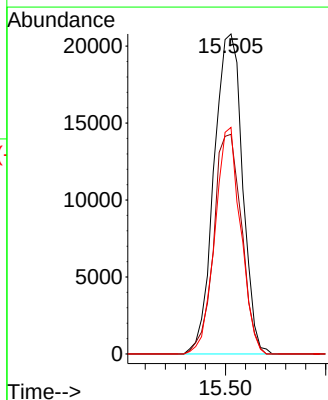
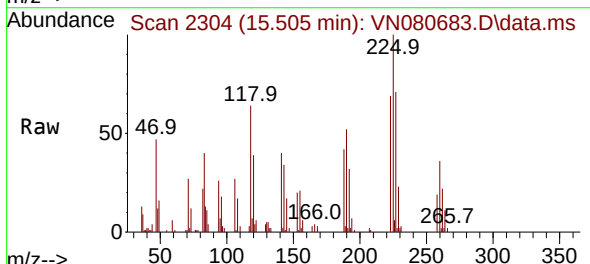
01/15/2024
 Supervised By :Mahesh
 Dadoda

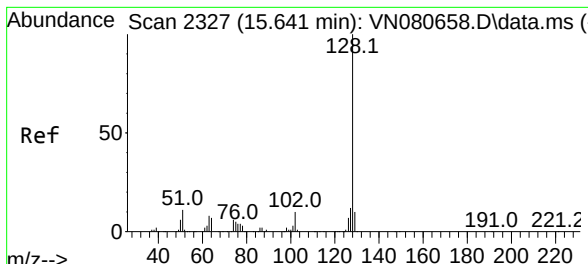
01/15/2024



#94
 Hexachlorobutadiene
 Concen: 43.940 ug/l
 RT: 15.505 min Scan# 2304
 Delta R.T. -0.001 min
 Lab File: VN080683.D
 Acq: 12 Jan 2024 12:13

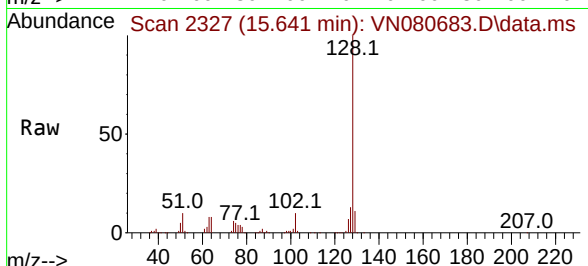
Tgt Ion:225 Resp: 40943
 Ion Ratio Lower Upper
 225 100
 223 67.0 31.3 93.8
 227 63.9 31.9 95.9





#95
 Naphthalene
 Concen: 47.511 ug/l
 RT: 15.641 min Scan# 2327
 Delta R.T. -0.000 min
 Lab File: VN080683.D
 Acq: 12 Jan 2024 12:13

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050



Tgt Ion:128 Resp: 363040

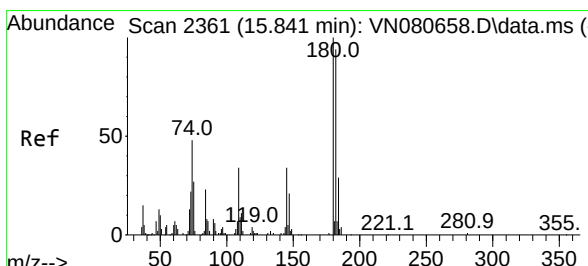
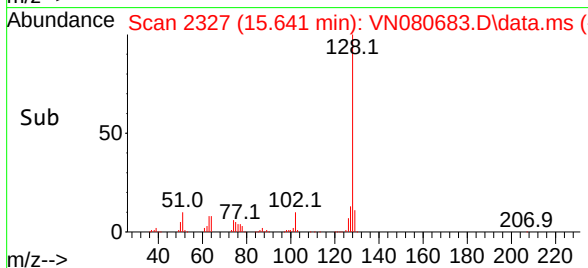
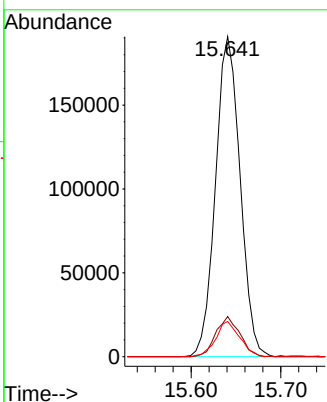
Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.0	15.0
129	10.8	8.7	13.1

Manual Integrations
APPROVED

Reviewed By :John
 Carlone

01/15/2024
 Supervised By :Mahesh
 Dadoda

01/15/2024



#96
 1,2,3-Trichlorobenzene
 Concen: 48.540 ug/l
 RT: 15.841 min Scan# 2361
 Delta R.T. -0.000 min
 Lab File: VN080683.D
 Acq: 12 Jan 2024 12:13

Tgt Ion:180 Resp: 91225

Ion	Ratio	Lower	Upper
180	100		
182	95.1	46.2	138.6
145	35.8	17.5	52.6

