

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041024\
 Data File : VN081684.D
 Acq On : 10 Apr 2024 16:02
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

04/11/2024
 Supervised By :Mahesh
 Dadoda

Quant Time: Apr 11 09:09:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:07:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	29804m	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	224809	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	287358	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	114529	31.280	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.267%
60) 4-Bromofluorobenzene	12.847	95	168333	29.796	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.333%
63) Toluene-d8	10.565	98	350764	30.431	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.433%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	83255	19.991	ug/l	99
3) Chloromethane	2.365	50	74861	20.719	ug/l	98
4) Vinyl Chloride	2.518	62	69367	18.670	ug/l	93
5) Bromomethane	2.959	94	66767	21.219	ug/l	99
6) Chloroethane	3.124	64	55636	19.132	ug/l	97
7) Trichlorofluoromethane	3.500	101	151585	24.842	ug/l	99
8) Diethyl Ether	3.959	74	48331	21.244	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	87672	20.948	ug/l	96
10) 1,1-Dichloroethene	4.342	96	81541	22.300	ug/l	92
11) Methyl Iodide	4.595	142	71193	16.369	ug/l	98
12) Methyl Acetate	5.024	43	69929	19.864	ug/l	92
13) Acrolein	4.183	56	43012	92.670	ug/l	95
14) Acrylonitrile	5.718	53	176798	100.783	ug/l	98
15) Acetone	4.424	58	39159	101.243	ug/l	91
16) Carbon Disulfide	4.712	76	224092	20.534	ug/l	97
17) Allyl chloride	5.024	41	95891	20.654	ug/l	94
18) Methylene Chloride	5.283	84	91173	20.630	ug/l	92
19) trans-1,2-Dichloroethene	5.789	96	88458	21.017	ug/l	83
20) Diisopropyl ether	6.677	45	233889	21.090	ug/l	99
21) 1,1-Dichloroethane	6.571	63	152391	20.678	ug/l	99
22) cis-1,2-Dichloroethene	7.483	96	105198	20.698	ug/l	94
23) tert-Butyl Alcohol	5.512	59	66285	106.440	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	250045	20.831	ug/l	96
25) Chloroform	7.971	83	175033	20.874	ug/l	99
26) Cyclohexane	8.259	56	119186	20.174	ug/l #	81
29) 1,1-Dichloropropene	8.377	75	112043	18.957	ug/l	97
30) 2-Butanone	7.483	43	215785	95.600	ug/l #	96
31) 2,2-Dichloropropane	7.488	77	146542	19.906	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	159319	19.559	ug/l	100
33) Carbon Tetrachloride	8.365	117	140746	19.062	ug/l	95
34) Benzene	8.606	78	360282	18.923	ug/l	99
35) Methacrylonitrile	7.783	41	49432	19.335	ug/l	91
36) 1,2-Dichloroethane	8.671	62	118571	18.987	ug/l	98
37) Trichloroethene	9.353	130	93689	18.596	ug/l	92
38) Methylcyclohexane	9.606	83	138870	19.224	ug/l	94
39) 1,2-Dichloropropane	9.624	63	84816	19.095	ug/l	99
40) Dibromomethane	9.712	93	69783	19.723	ug/l	93
41) Bromodichloromethane	9.888	83	138187	19.153	ug/l #	97
42) Vinyl Acetate	6.606	43	908674	96.637	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	90712	18.179	ug/l	98
44) Isopropyl Acetate	8.688	43	153979	18.473	ug/l	98
45) 1,4-Dioxane	9.694	88	36034	391.623	ug/l	95
46) Methyl methacrylate	9.682	41	69665	18.586	ug/l	94
47) n-amyl Acetate	12.494	43	135986	18.182	ug/l	97
48) t-1,3-Dichloropropene	10.841	75	131688	19.158	ug/l	97
49) cis-1,3-Dichloropropene	10.318	75	141145	19.067	ug/l	94
50) 1,1,2-Trichloroethane	11.018	97	91004	19.209	ug/l	97
51) Ethyl methacrylate	10.876	69	125123	18.968	ug/l	95
52) 1,3-Dichloropropane	11.165	76	150621	19.397	ug/l	96
53) Dibromochloromethane	11.359	129	108102	19.102	ug/l	96
54) 1,2-Dibromoethane	11.471	107	94381	19.273	ug/l	99
55) 2-Chloroethyl vinyl ether	10.165	63	298786	92.235	ug/l	98
56) Bromoform	12.582	173	67692	18.706	ug/l #	96
58) 4-Methyl-2-Pentanone	10.447	43	484353	98.013	ug/l	94
59) 2-Hexanone	11.200	43	361249	97.339	ug/l	94
61) Tetrachloroethene	11.106	164	103233	19.388	ug/l	93
62) Toluene	10.629	91	413659	19.787	ug/l	100
64) Chlorobenzene	11.894	112	261291	19.711	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.965	131	97393	20.225	ug/l	100
66) Ethyl Benzene	11.965	91	440283	19.808	ug/l	97
67) m/p-Xylenes	12.070	106	353584	40.160	ug/l	95
68) o-Xylene	12.400	106	165194	19.764	ug/l	97
69) Styrene	12.412	104	281181	19.753	ug/l	96
70) Isopropylbenzene	12.694	105	429217	19.905	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.941	83	112402	19.955	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	106726m	13.435	ug/l	
73) Bromobenzene	12.982	156	105331	19.713	ug/l	89
74) n-propylbenzene	13.035	91	501326	19.412	ug/l	97
75) 2-Chlorotoluene	13.129	91	306611	19.939	ug/l	94
76) 1,3,5-Trimethylbenzene	13.176	105	368260	20.121	ug/l	98
77) t-1,4-Dichloro-2-butene	12.741	75	41527	19.229	ug/l	87
78) 4-Chlorotoluene	13.223	91	306427	20.091	ug/l	94
79) tert-butylbenzene	13.441	119	307370	19.740	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	365393	20.019	ug/l	96
81) sec-Butylbenzene	13.617	105	443339	19.743	ug/l	99
82) p-Isopropyltoluene	13.729	119	372809	19.796	ug/l	97
83) 1,3-Dichlorobenzene	13.735	146	196419	19.670	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	194530	20.125	ug/l	97
85) n-Butylbenzene	14.059	91	309685	19.522	ug/l	99
86) Hexachloroethane	14.335	117	69762	19.390	ug/l	84
87) 1,2-Dichlorobenzene	14.106	146	191468	20.144	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	22886	18.638	ug/l	93
89) 1,2,4-Trichlorobenzene	15.847	180	102741	19.586	ug/l	99
90) Hexachlorobutadiene	15.506	225	40710	19.500	ug/l	97
91) Naphthalene	15.641	128	308250	18.404	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	102741	19.721	ug/l	99

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

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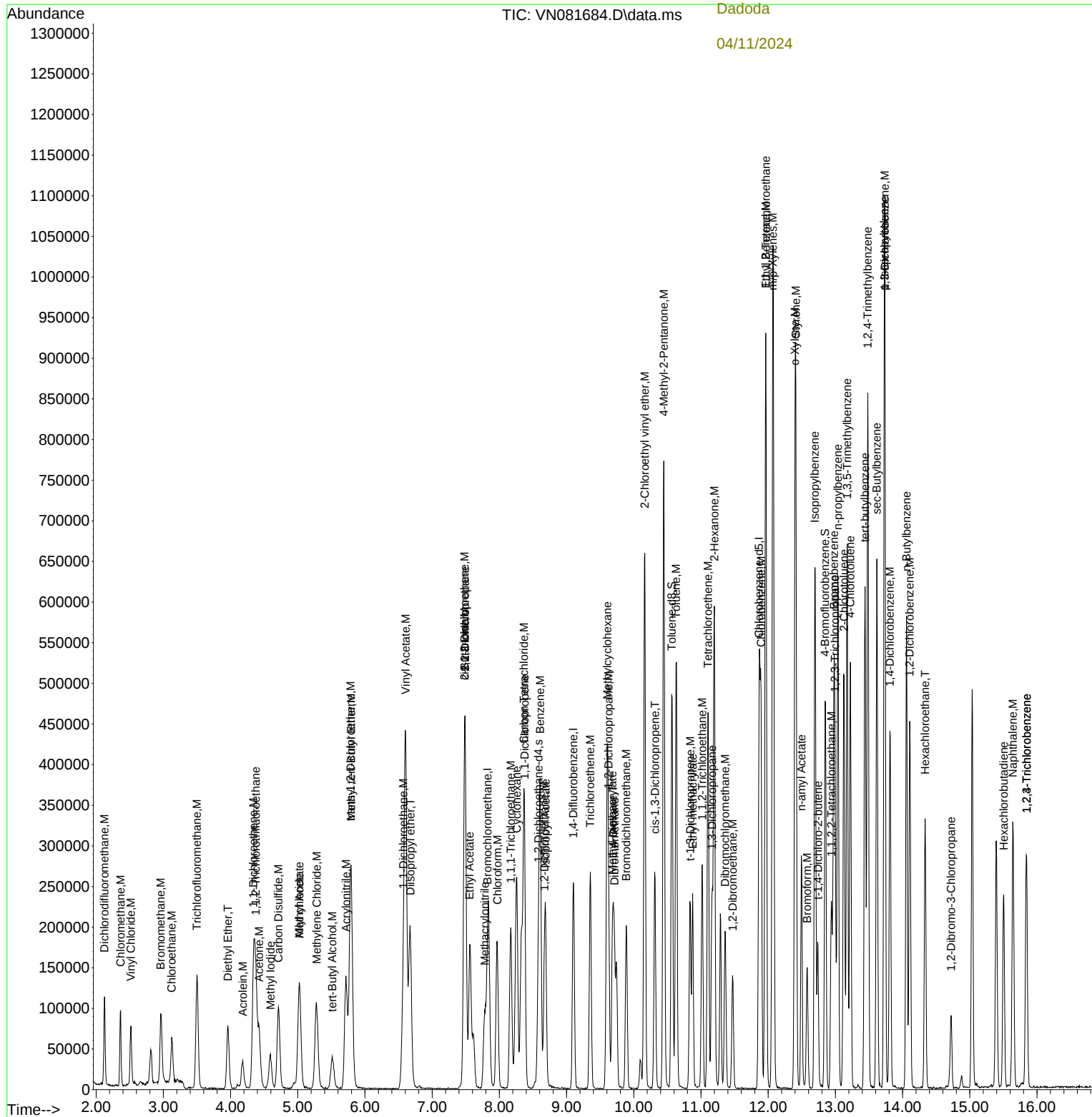
Quant Time: Apr 11 09:09:32 2024
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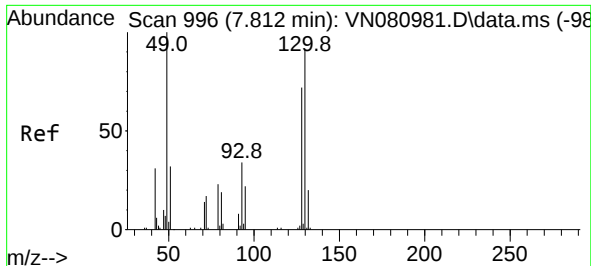
Manual Integrations APPROVED

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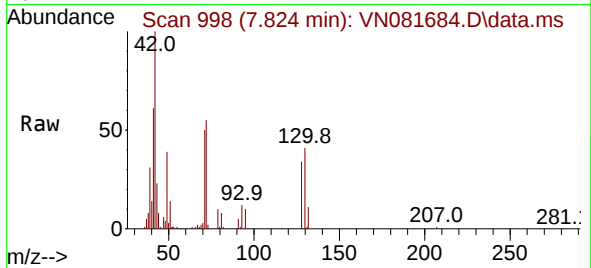
04/11/2024





#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 7.824 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081684.D
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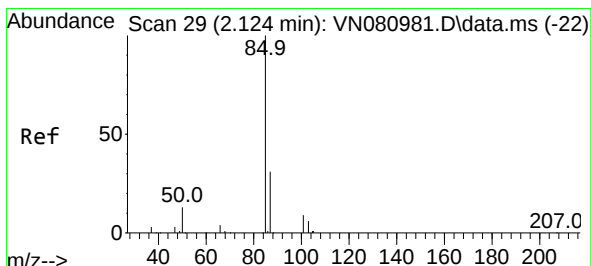
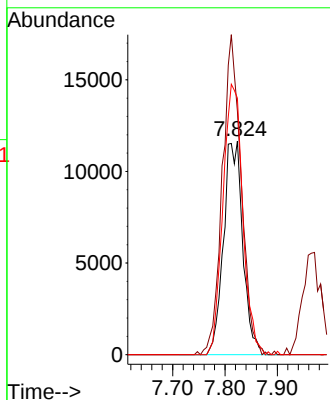
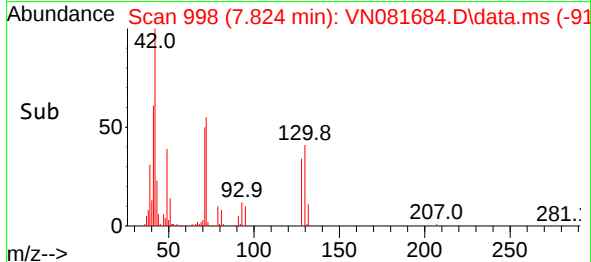
Tgt Ion:128 Resp: 29804
Ion Ratio Lower Upper
128 100
49 145.8 0.0 403.7
130 129.9 0.0 323.3

Manual Integrations
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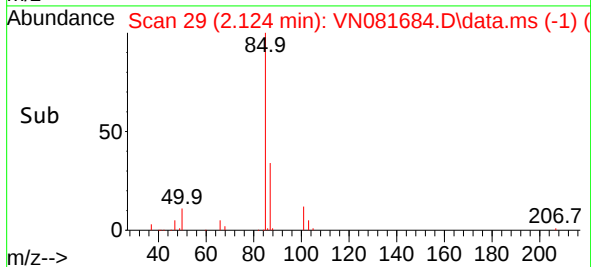
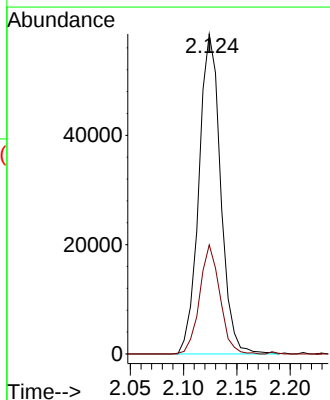
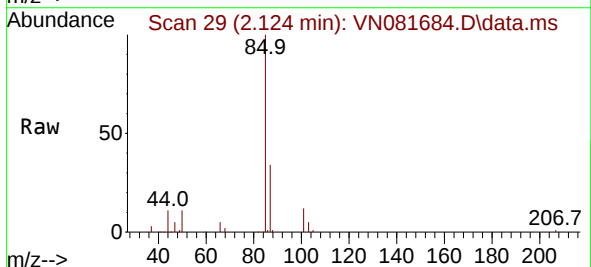
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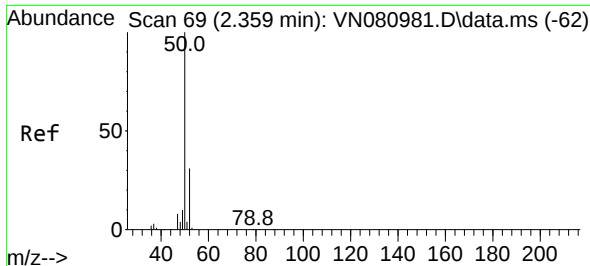
04/11/2024



#2
Dichlorodifluoromethane
Concen: 19.991 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

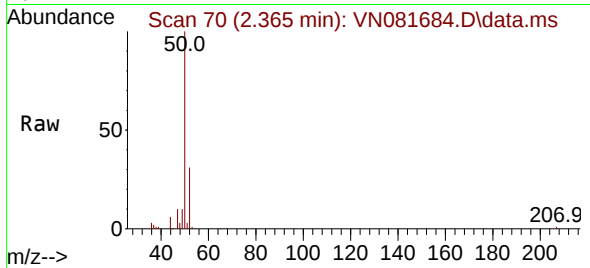
Tgt Ion: 85 Resp: 83255
Ion Ratio Lower Upper
85 100
87 33.8 16.8 50.3





#3
Chloromethane
Concen: 20.719 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
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VSTDICCC020



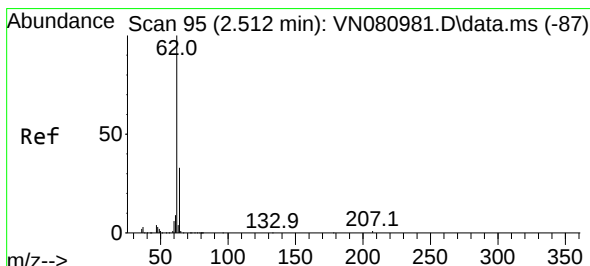
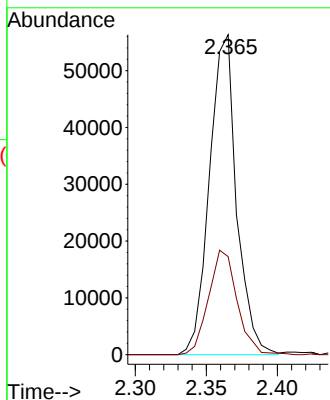
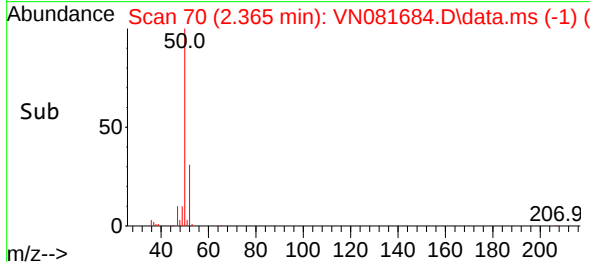
Tgt Ion: 50 Resp: 7486
Ion Ratio Lower Upper
50 100
52 30.7 25.4 38.0

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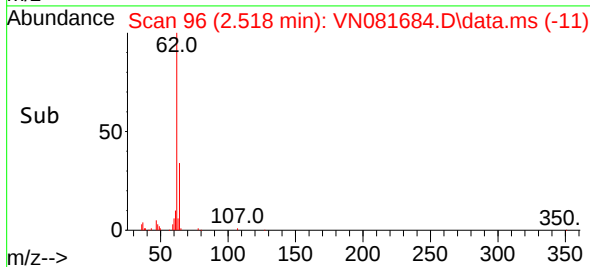
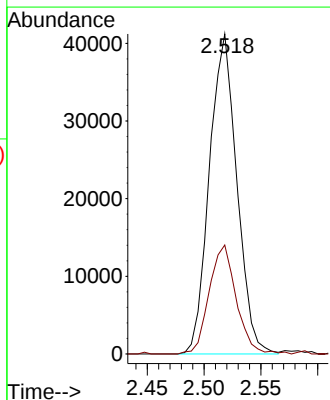
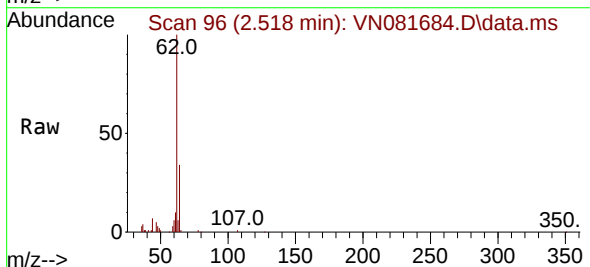
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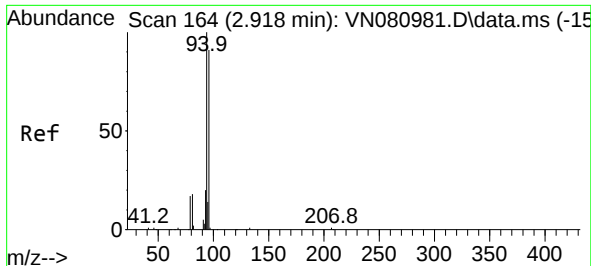
04/11/2024



#4
Vinyl Chloride
Concen: 18.670 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

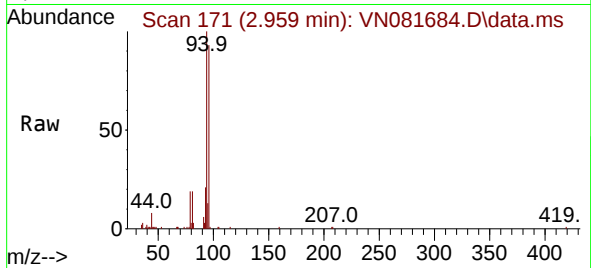
Tgt Ion: 62 Resp: 69367
Ion Ratio Lower Upper
62 100
64 34.1 24.1 36.1





#5
Bromomethane
Concen: 21.219 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
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VSTDICCC020



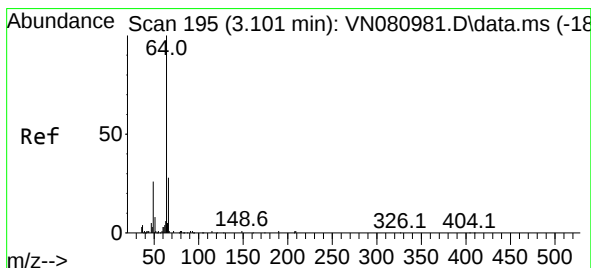
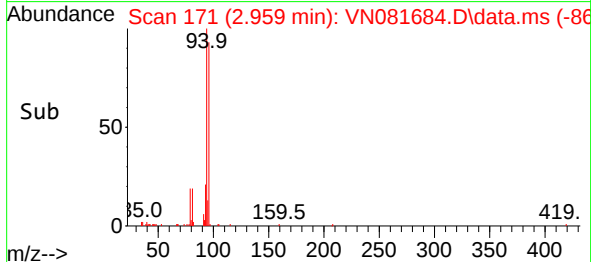
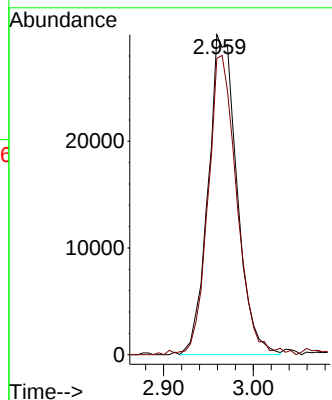
Tgt Ion: 94 Resp: 6676
Ion Ratio Lower Upper
94 100
96 91.7 72.8 109.2

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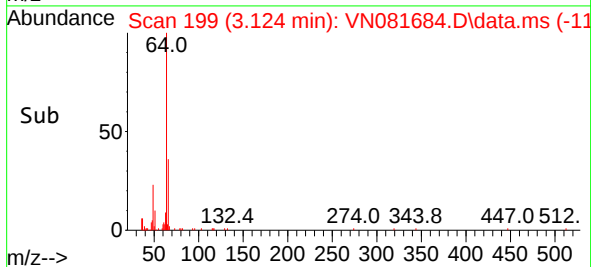
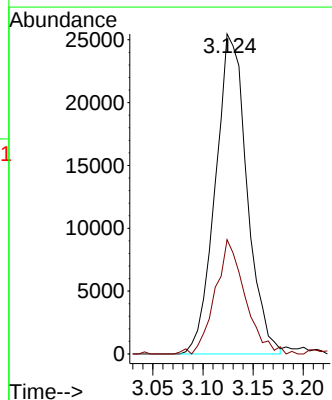
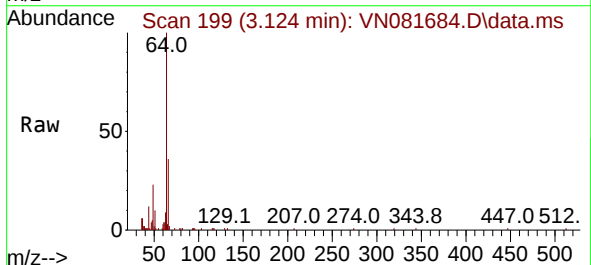
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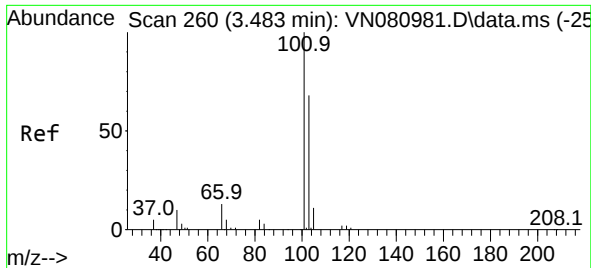
04/11/2024



#6
Chloroethane
Concen: 19.132 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Tgt Ion: 64 Resp: 55636
Ion Ratio Lower Upper
64 100
66 35.1 26.7 40.1





#7
Trichlorofluoromethane
Concen: 24.842 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.000 min
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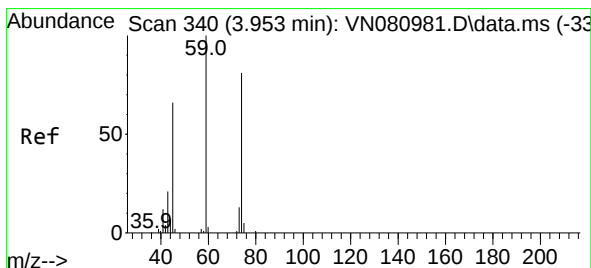
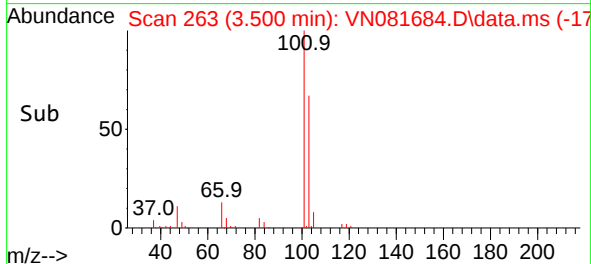
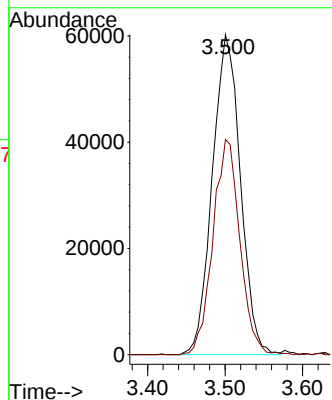
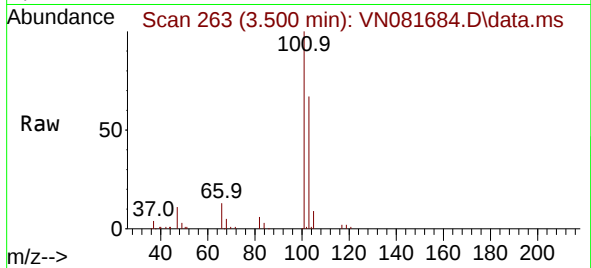
Tgt Ion:101 Resp: 15158
Ion Ratio Lower Upper
101 100
103 67.3 53.0 79.4

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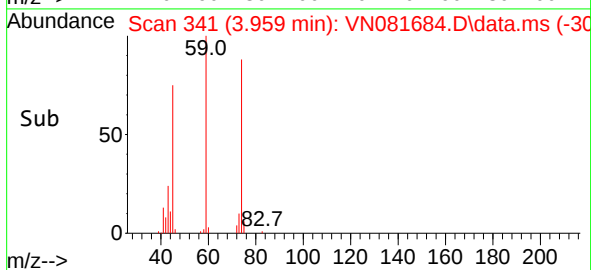
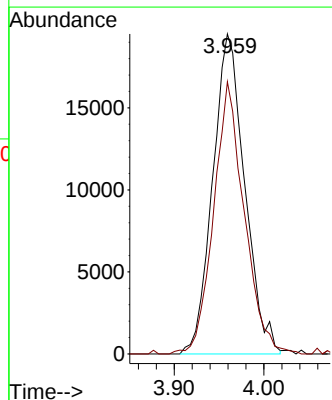
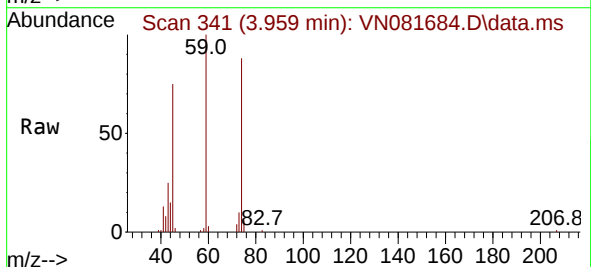
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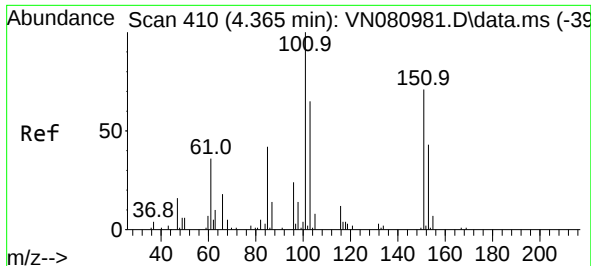
04/11/2024



#8
Diethyl Ether
Concen: 21.244 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN081684.D
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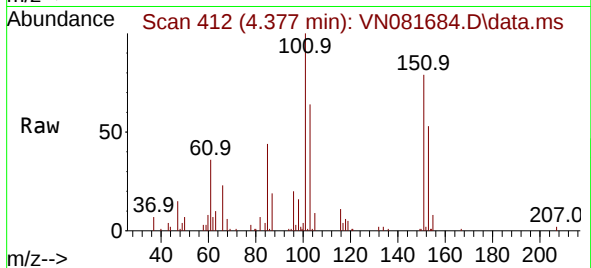
Tgt Ion: 74 Resp: 48331
Ion Ratio Lower Upper
74 100
45 80.8 16.4 147.4





#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.948 ug/l
 RT: 4.377 min Scan# 410
 Delta R.T. 0.000 min
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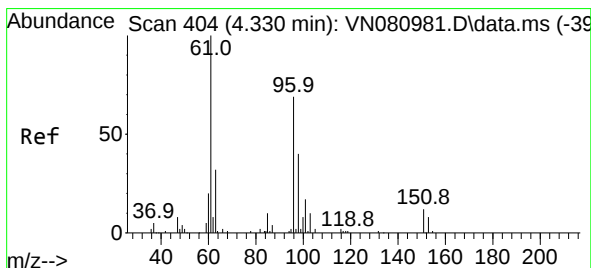
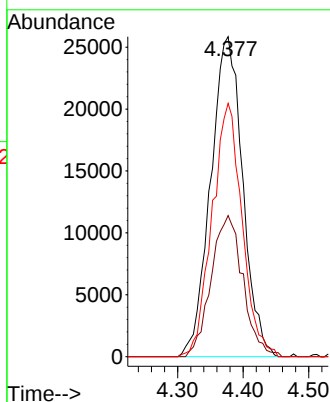
Tgt Ion:101 Resp: 87672
 Ion Ratio Lower Upper
 101 100
 85 43.6 0.0 90.6
 151 74.1 0.0 157.6

Manual Integrations
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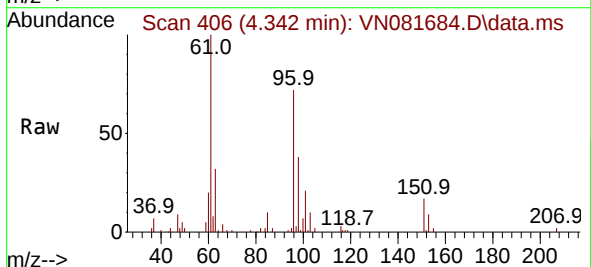
Reviewed By :John
 Carlone

04/11/2024
 Supervised By :Mahesh
 Dadoda

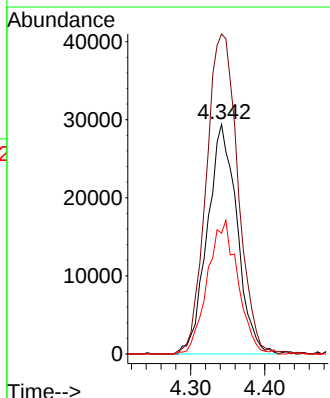
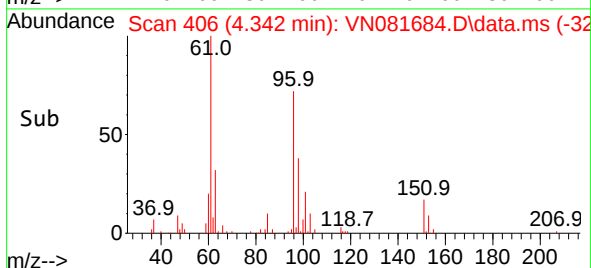
04/11/2024

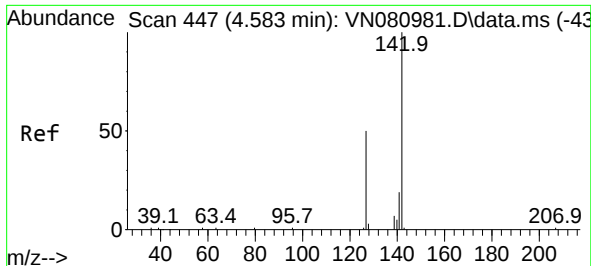


#10
 1,1-Dichloroethene
 Concen: 22.300 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. 0.000 min
 Lab File: VN081684.D
 Acq: 10 Apr 2024 16:02



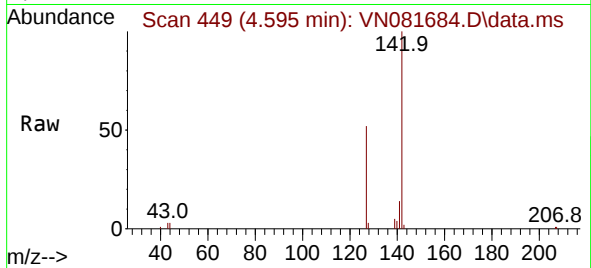
Tgt Ion: 96 Resp: 81541
 Ion Ratio Lower Upper
 96 100
 61 138.3 117.6 176.4
 98 52.6 48.4 72.6





#11
Methyl Iodide
Concen: 16.369 ug/l
RT: 4.595 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



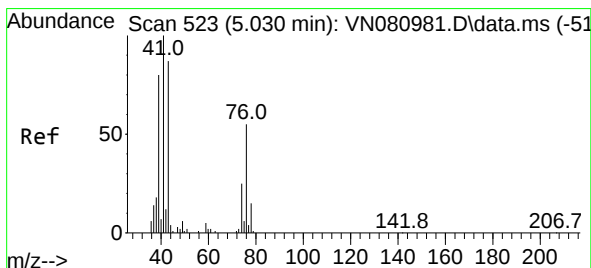
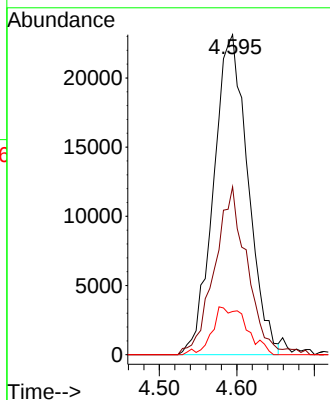
Tgt Ion:142 Resp: 71193
Ion Ratio Lower Upper
142 100
127 52.5 26.3 78.9
141 13.8 8.3 24.9

Manual Integrations
APPROVED

Reviewed By :John
Carlone

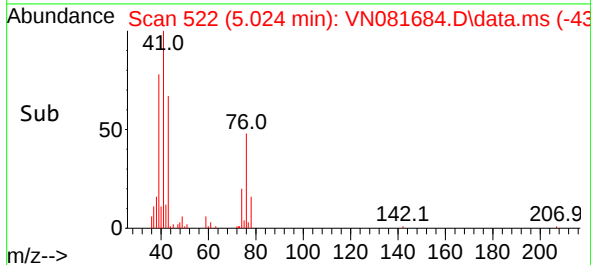
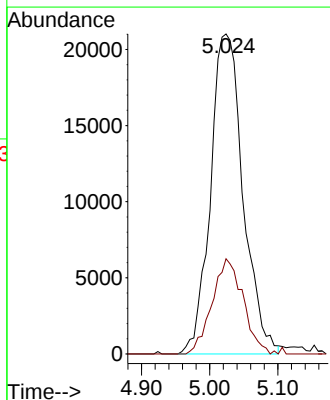
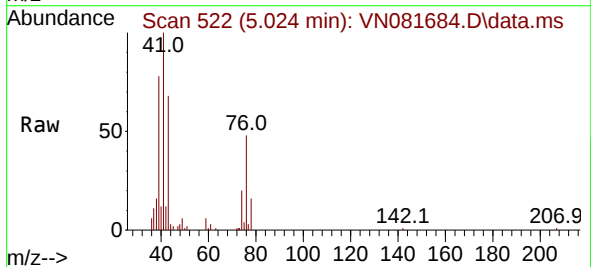
04/11/2024
Supervised By :Mahesh
Dadoda

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#12
Methyl Acetate
Concen: 19.864 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

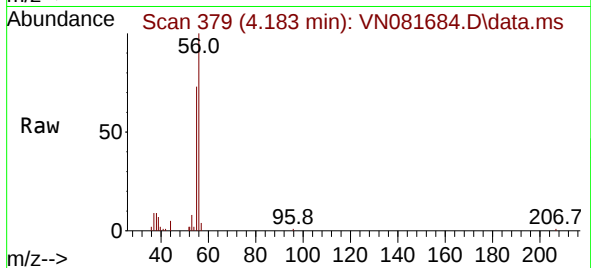
Tgt Ion: 43 Resp: 69929
Ion Ratio Lower Upper
43 100
74 30.1 27.7 41.5





#13
Acrolein
Concen: 92.670 ug/l
RT: 4.183 min Scan# 377
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



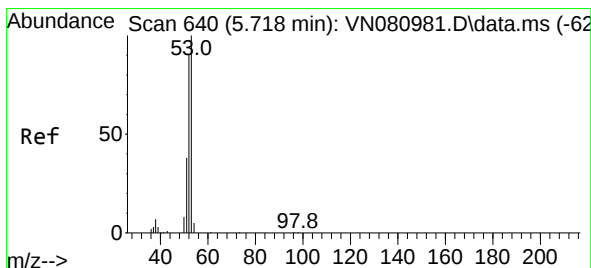
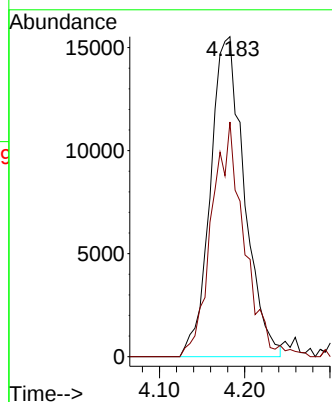
Tgt Ion: 56 Resp: 43012
Ion Ratio Lower Upper
56 100
55 65.2 55.5 83.3

Manual Integrations
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Reviewed By :John
Carlone

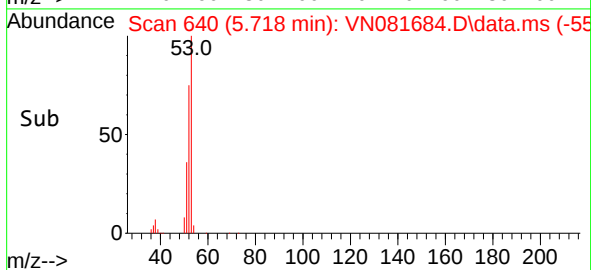
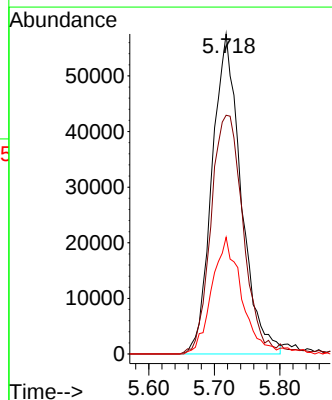
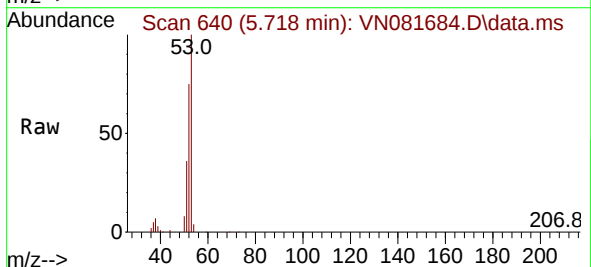
04/11/2024
Supervised By :Mahesh
Dadoda

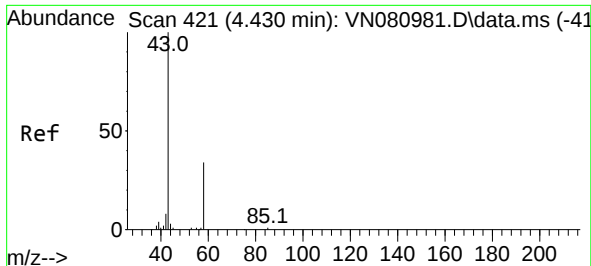
04/11/2024



#14
Acrylonitrile
Concen: 100.783 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Tgt Ion: 53 Resp: 176798
Ion Ratio Lower Upper
53 100
52 82.2 41.3 123.9
51 37.1 16.8 50.3





#15
Acetone
Concen: 101.243 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

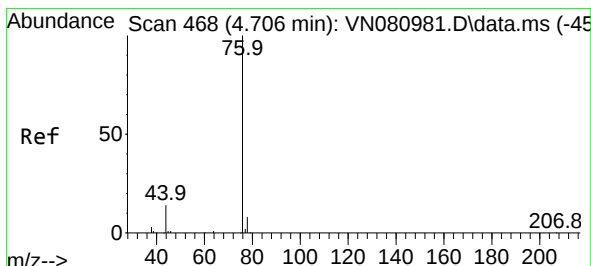
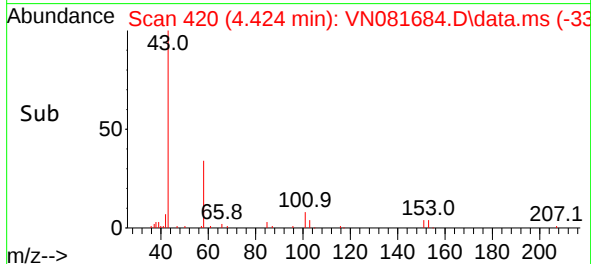
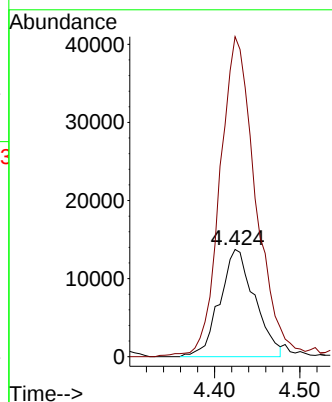
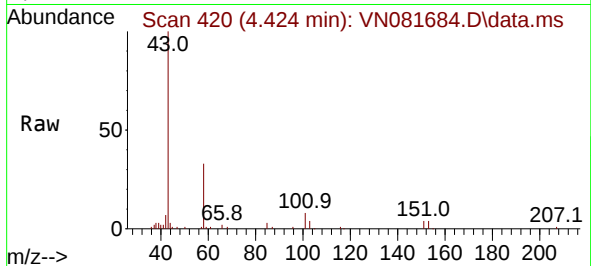
Tgt Ion: 58 Resp: 39159
Ion Ratio Lower Upper
58 100
43 295.8 223.1 334.7

Manual Integrations
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Reviewed By :John
Carlone

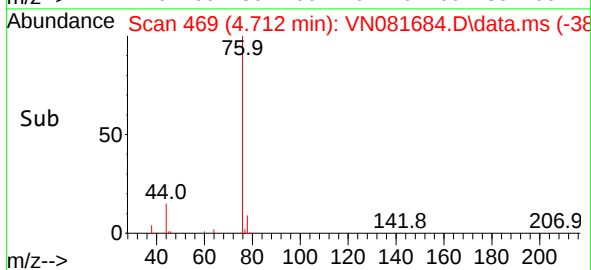
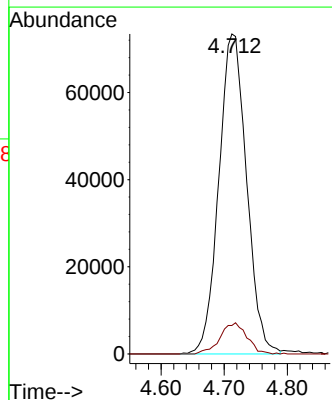
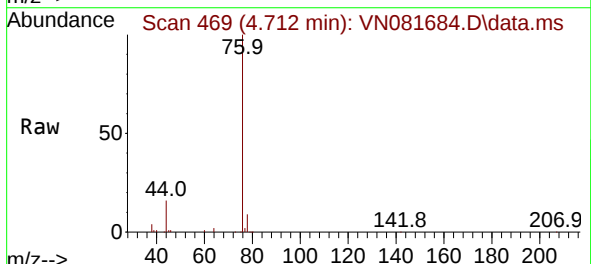
04/11/2024
Supervised By :Mahesh
Dadoda

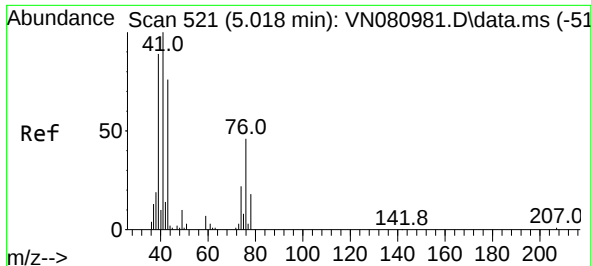
04/11/2024



#16
Carbon Disulfide
Concen: 20.534 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

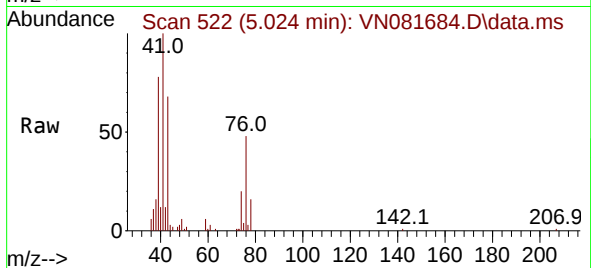
Tgt Ion: 76 Resp: 224092
Ion Ratio Lower Upper
76 100
78 8.9 6.3 9.5





#17
 Allyl chloride
 Concen: 20.654 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN081684.D
 Acq: 10 Apr 2024 16:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



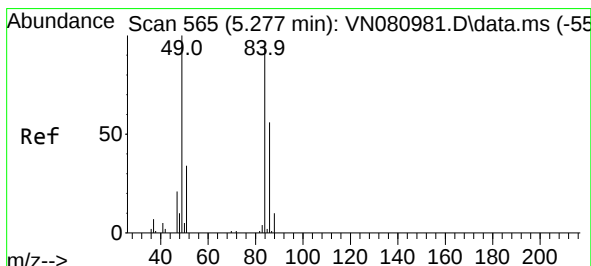
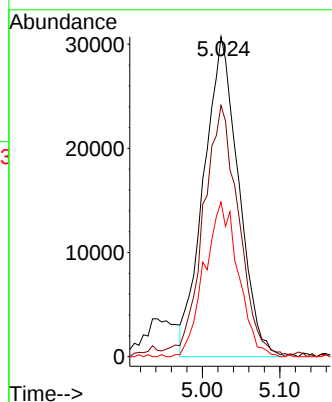
Tgt Ion: 41 Resp: 9589
 Ion Ratio Lower Upper
 41 100
 39 77.5 37.6 112.9
 76 48.6 27.8 83.4

Manual Integrations
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Reviewed By :John
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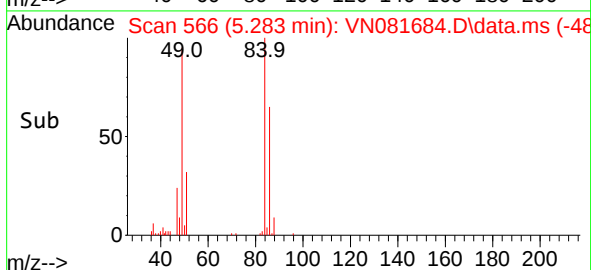
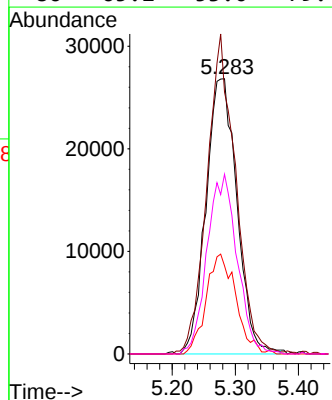
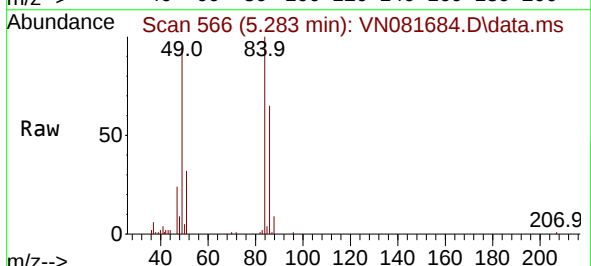
04/11/2024
 Supervised By :Mahesh
 Dadoda

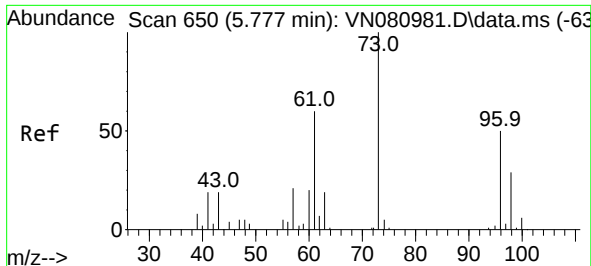
04/11/2024



#18
 Methylene Chloride
 Concen: 20.630 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. 0.000 min
 Lab File: VN081684.D
 Acq: 10 Apr 2024 16:02

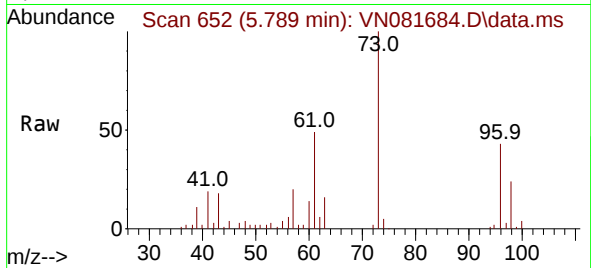
Tgt Ion: 84 Resp: 91173
 Ion Ratio Lower Upper
 84 100
 49 94.4 86.0 129.0
 51 32.0 30.0 45.0
 86 65.2 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 21.017 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



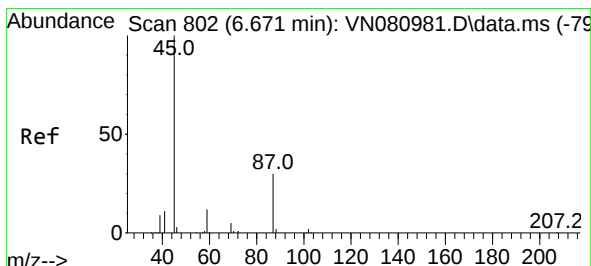
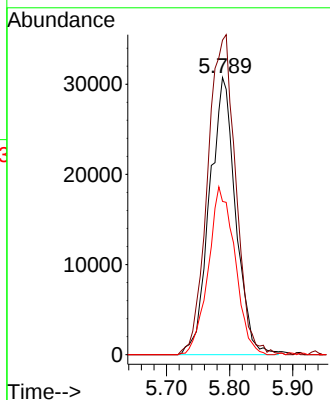
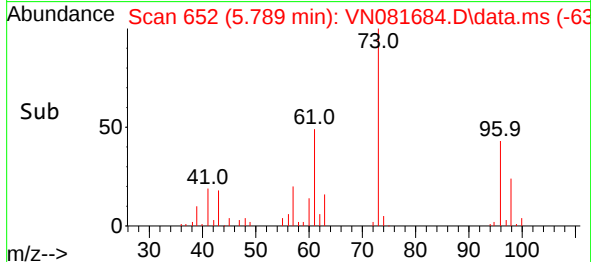
Tgt Ion: 96 Resp: 8845
Ion Ratio Lower Upper
96 100
61 113.5 111.8 167.6
98 55.3 49.2 73.8

Manual Integrations
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Reviewed By :John
Carlone

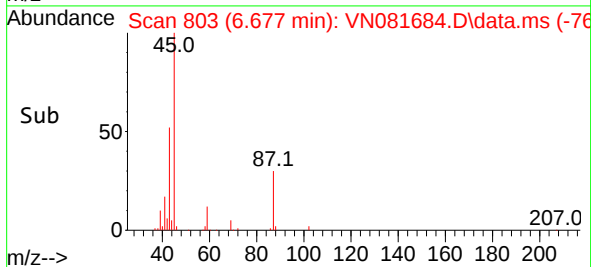
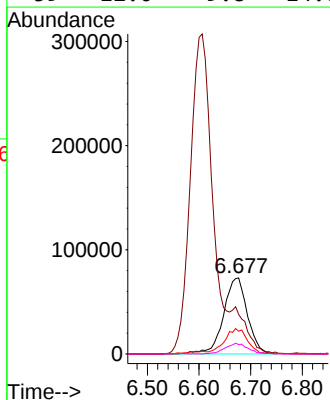
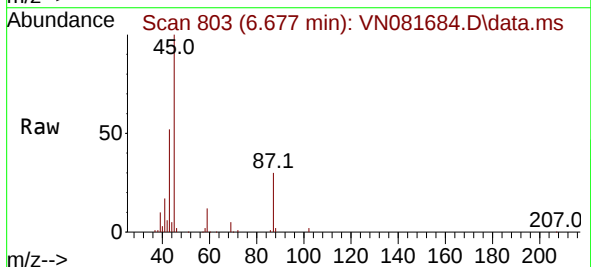
04/11/2024
Supervised By :Mahesh
Dadoda

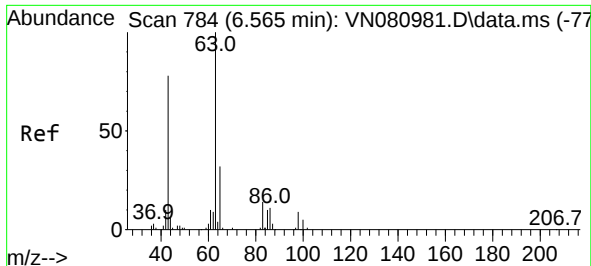
04/11/2024



#20
Diisopropyl ether
Concen: 21.090 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Tgt Ion: 45 Resp: 233889
Ion Ratio Lower Upper
45 100
43 51.1 40.4 60.6
87 29.5 23.8 35.8
59 12.0 9.8 14.6





#21
1,1-Dichloroethane
Concen: 20.678 ug/l
RT: 6.571 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

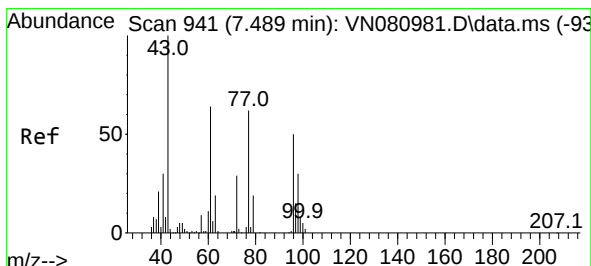
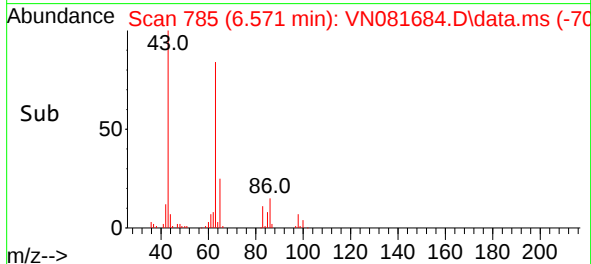
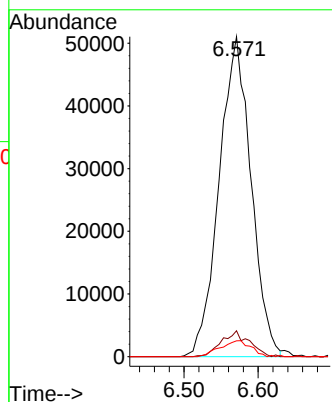
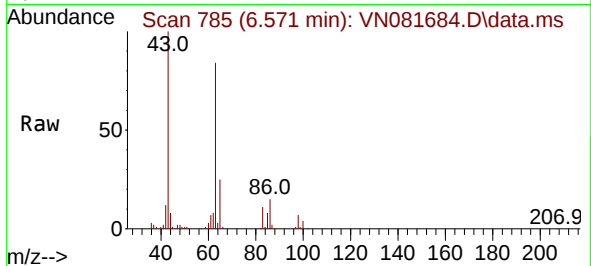
Tgt Ion: 63 Resp: 15239
Ion Ratio Lower Upper
63 100
98 8.1 4.1 12.3
100 5.0 3.0 9.0

Manual Integrations
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Reviewed By :John
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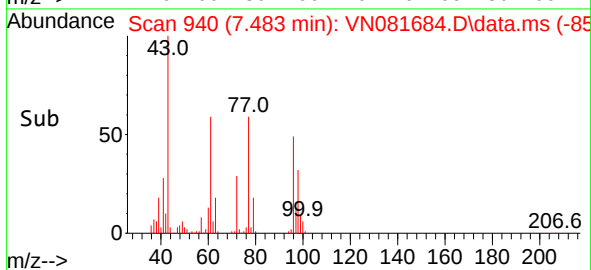
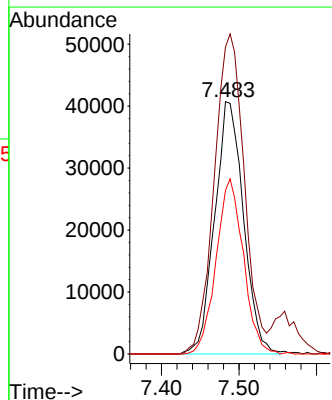
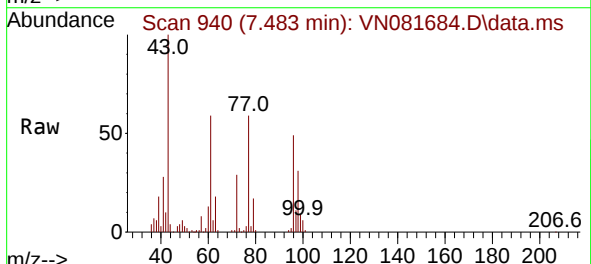
04/11/2024
Supervised By :Mahesh
Dadoda

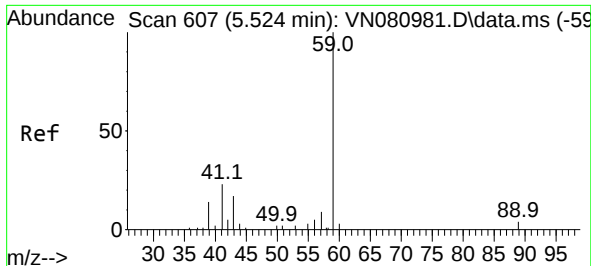
04/11/2024



#22
cis-1,2-Dichloroethene
Concen: 20.698 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

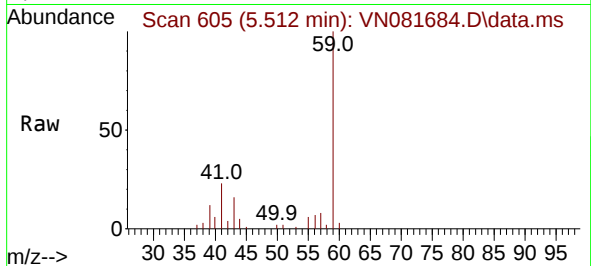
Tgt Ion: 96 Resp: 105198
Ion Ratio Lower Upper
96 100
61 132.1 113.5 170.3
98 65.7 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 106.440 ug/l
RT: 5.512 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



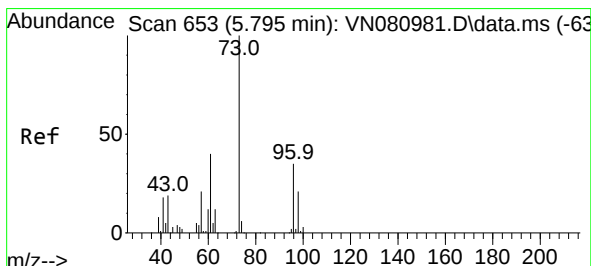
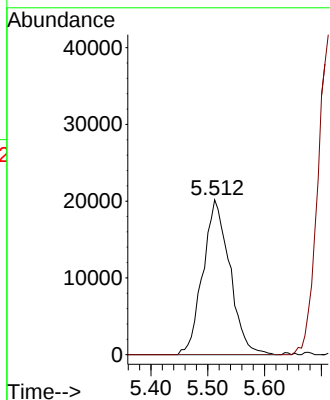
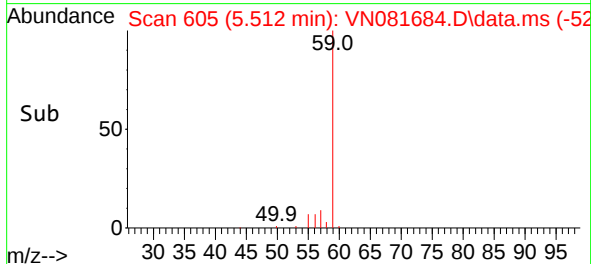
Tgt Ion: 59 Resp: 66285
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
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Reviewed By :John
Carlone

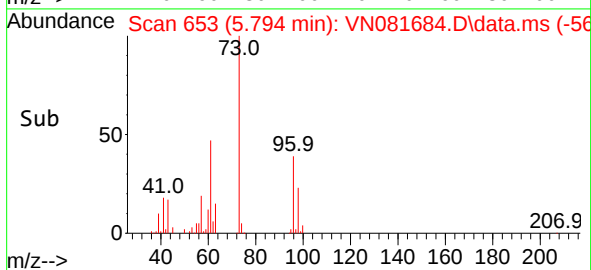
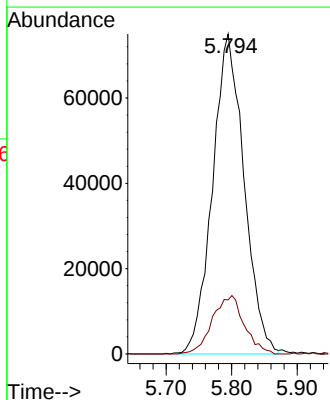
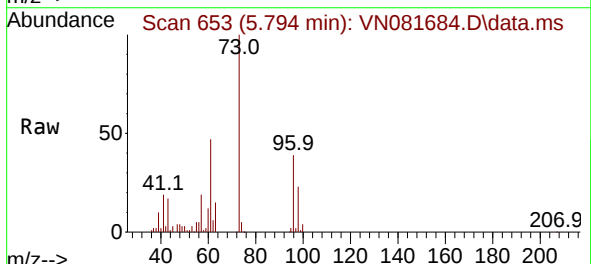
04/11/2024
Supervised By :Mahesh
Dadoda

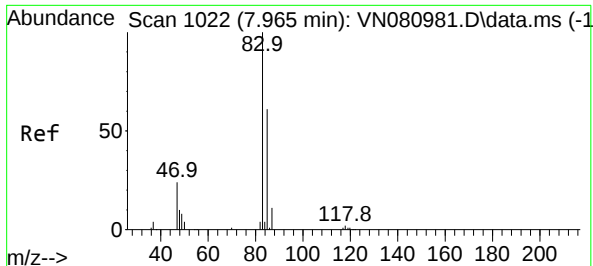
04/11/2024



#24
Methyl tert-Butyl Ether
Concen: 20.831 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Tgt Ion: 73 Resp: 250045
Ion Ratio Lower Upper
73 100
43 18.4 13.4 20.2





#25

Chloroform

Concen: 20.874 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN081684.D

Acq: 10 Apr 2024 16:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 83 Resp: 17503

Ion Ratio Lower Upper

83 100

85 63.2 50.9 76.3

Manual Integrations

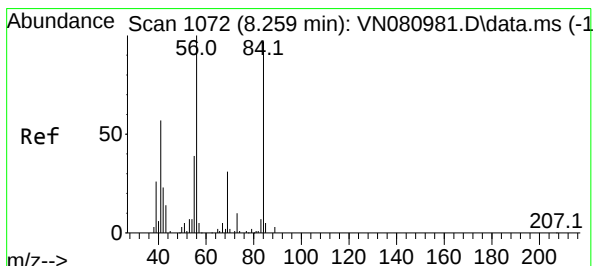
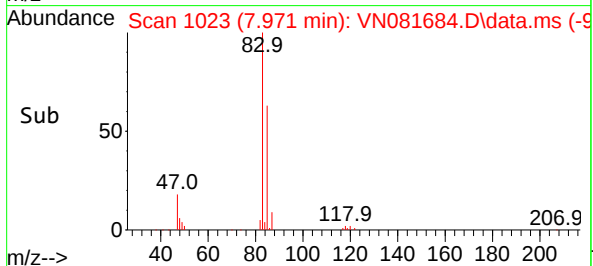
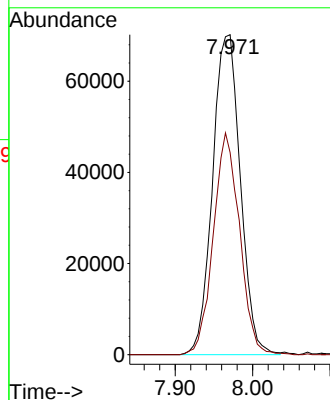
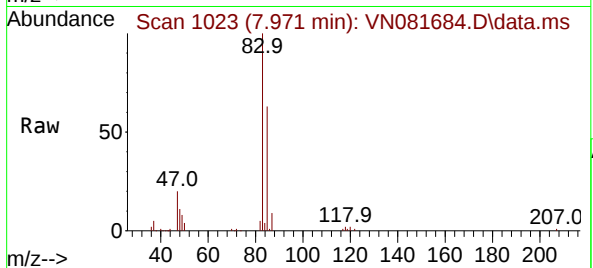
APPROVED

Reviewed By :John
Carlone

04/11/2024

Supervised By :Mahesh
Dadoda

04/11/2024



#26

Cyclohexane

Concen: 20.174 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN081684.D

Acq: 10 Apr 2024 16:02

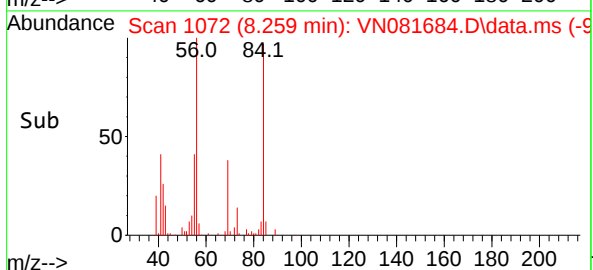
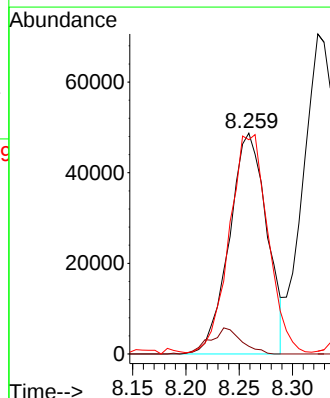
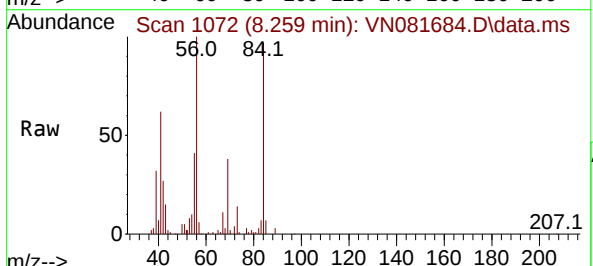
Tgt Ion: 56 Resp: 119186

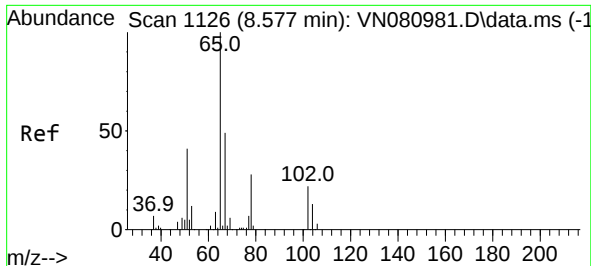
Ion Ratio Lower Upper

56 100

89 7.4 19.3 28.9#

84 102.7 71.3 106.9





#27

1,2-Dichloroethane-d4

Concen: 31.280 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081684.D

Acq: 10 Apr 2024 16:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 65 Resp: 114529

Ion Ratio Lower Upper

65 100

67 51.2 43.2 64.8

Manual Integrations

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Reviewed By :John

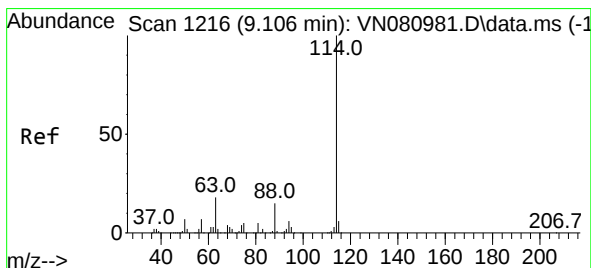
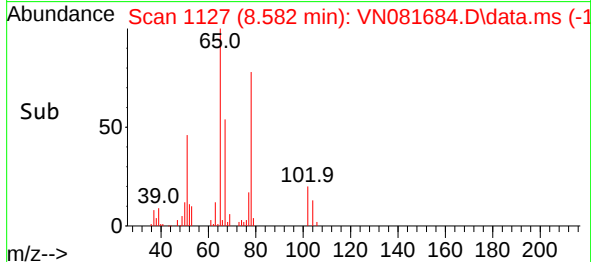
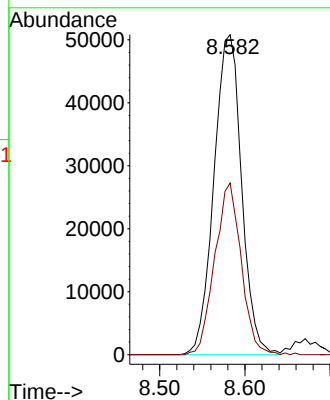
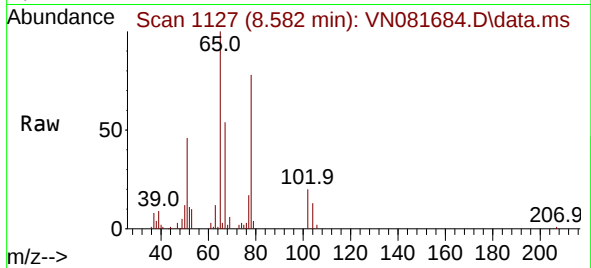
Carlone

04/11/2024

Supervised By :Mahesh

Dadoda

04/11/2024



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081684.D

Acq: 10 Apr 2024 16:02

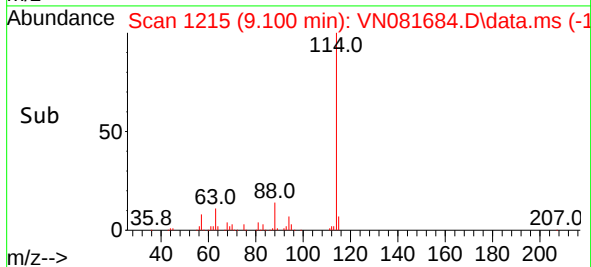
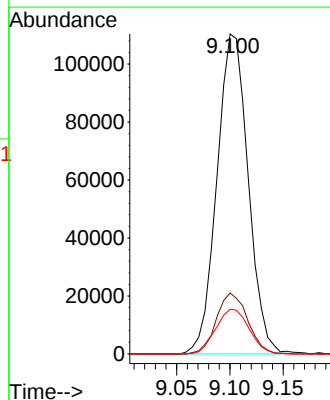
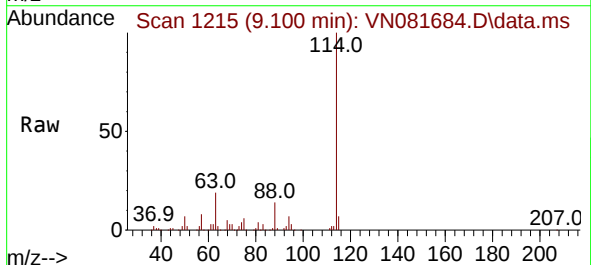
Tgt Ion:114 Resp: 224809

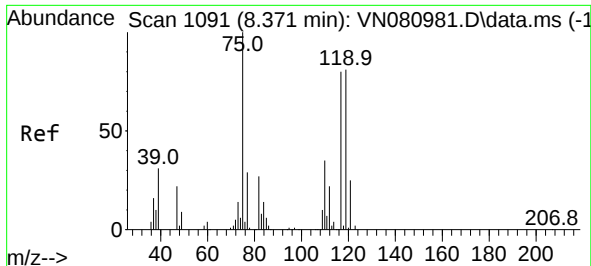
Ion Ratio Lower Upper

114 100

63 19.1 15.9 23.9

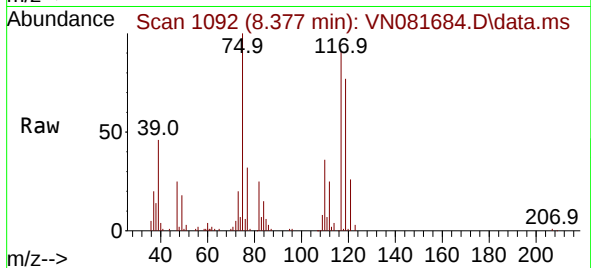
88 14.9 12.7 19.1





#29
1,1-Dichloropropene
Concen: 18.957 ug/l
RT: 8.377 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



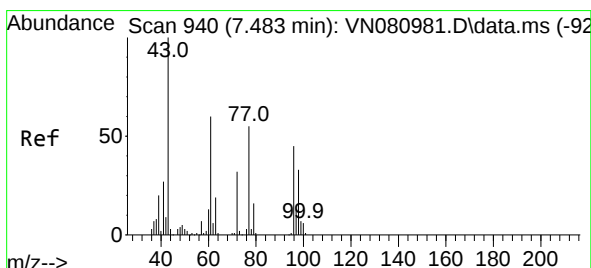
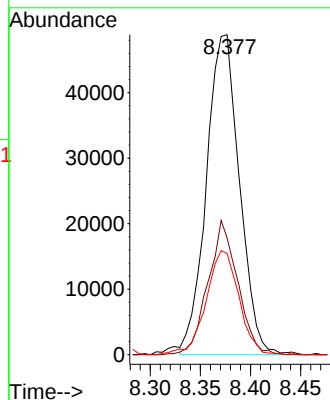
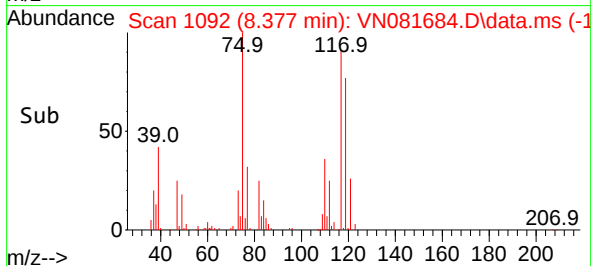
Tgt Ion: 75 Resp: 11204
Ion Ratio Lower Upper
75 100
110 37.6 0.0 70.2
77 31.3 0.0 61.4

Manual Integrations
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Reviewed By :John
Carlone

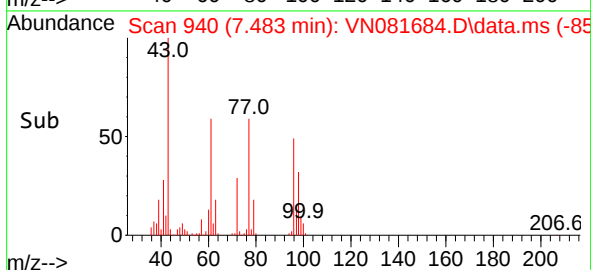
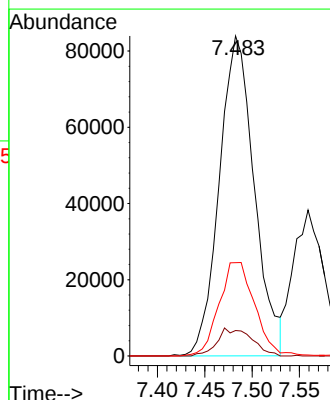
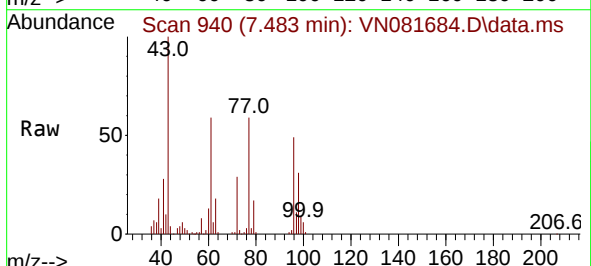
04/11/2024
Supervised By :Mahesh
Dadoda

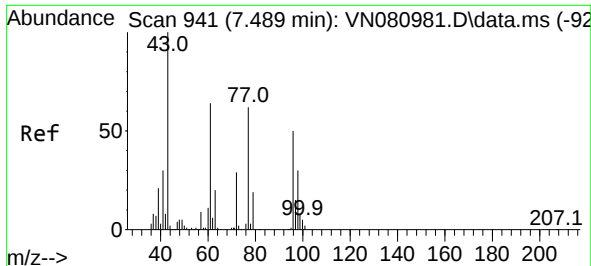
04/11/2024



#30
2-Butanone
Concen: 95.600 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

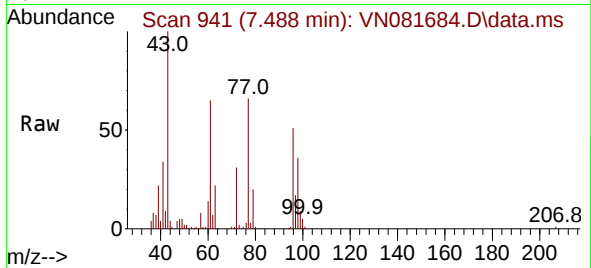
Tgt Ion: 43 Resp: 215785
Ion Ratio Lower Upper
43 100
57 3.7 6.7 10.1#
72 29.4 24.0 36.0





#31
2,2-Dichloropropane
Concen: 19.906 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



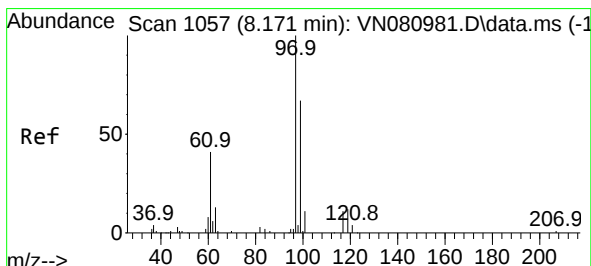
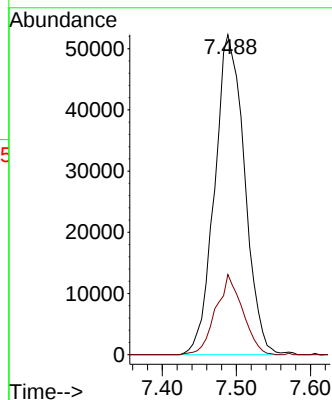
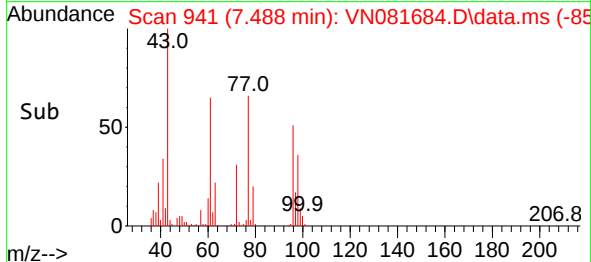
Tgt Ion: 77 Resp: 14654
Ion Ratio Lower Upper
77 100
97 22.5 18.3 27.5

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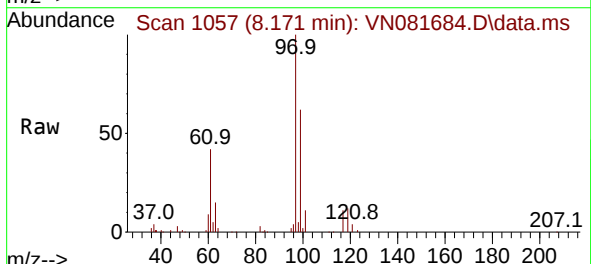
Reviewed By :John
Carlone

04/11/2024
Supervised By :Mahesh
Dadoda

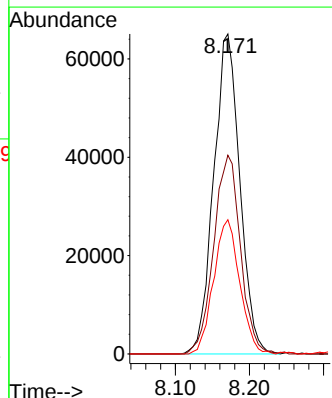
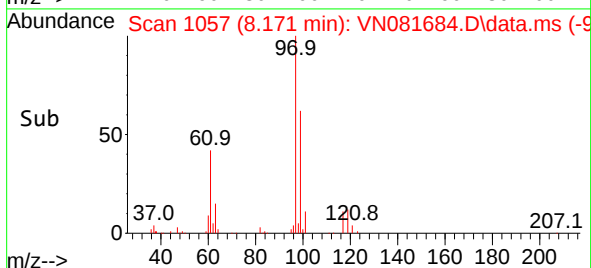
04/11/2024

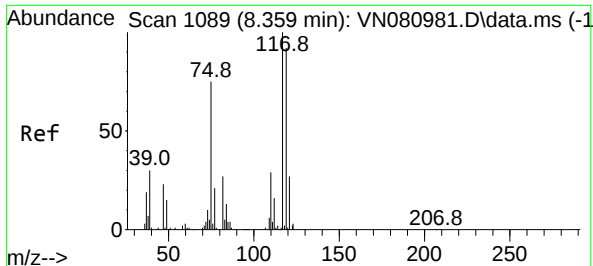


#32
1,1,1-Trichloroethane
Concen: 19.559 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02



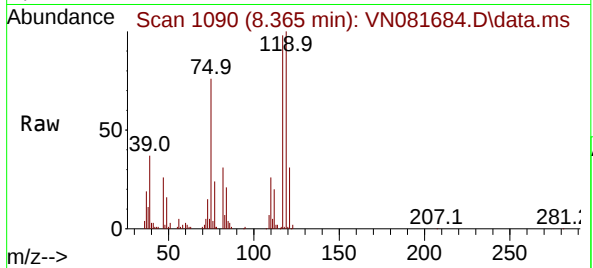
Tgt Ion: 97 Resp: 159319
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.4
61 41.9 33.8 50.8





#33
Carbon Tetrachloride
Concen: 19.062 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



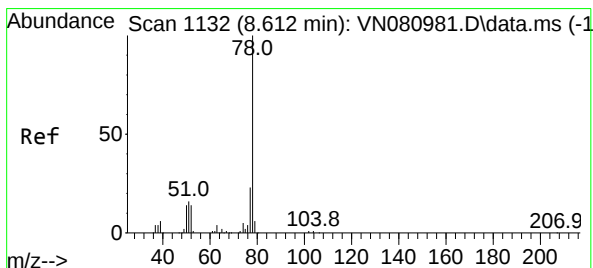
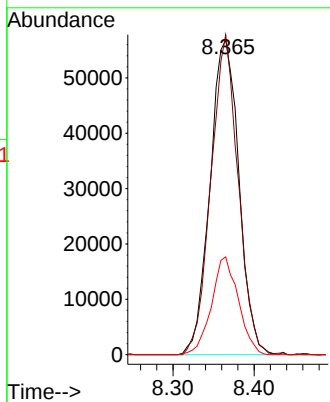
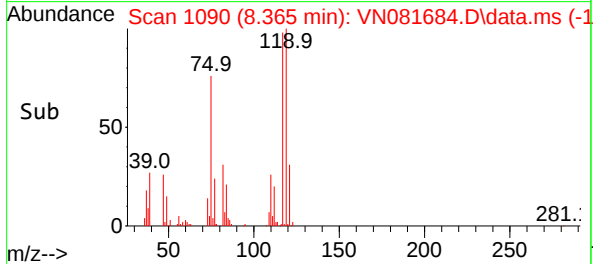
Tgt Ion: 117 Resp: 140740
Ion Ratio Lower Upper
117 100
119 101.7 77.7 116.5
121 31.1 27.0 40.6

Manual Integrations
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Reviewed By :John
Carlone

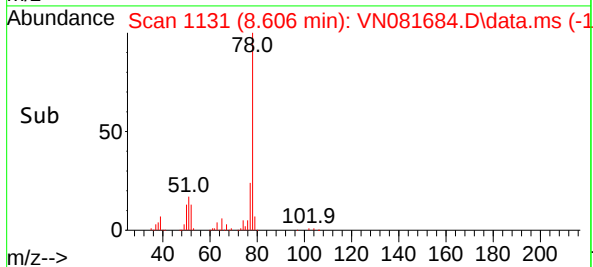
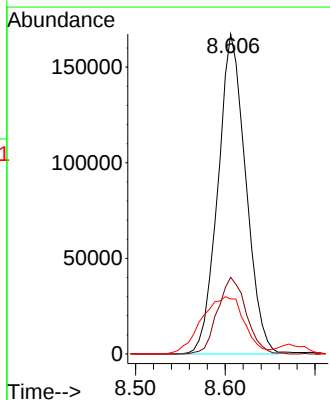
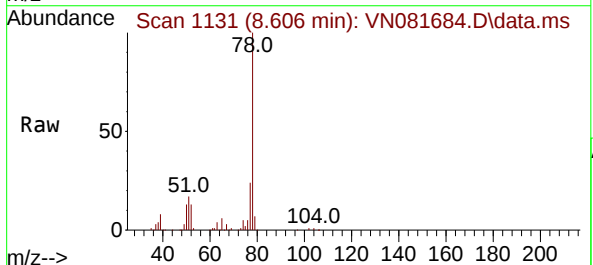
04/11/2024
Supervised By :Mahesh
Dadoda

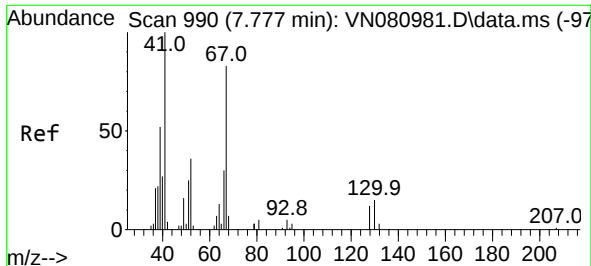
04/11/2024



#34
Benzene
Concen: 18.923 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

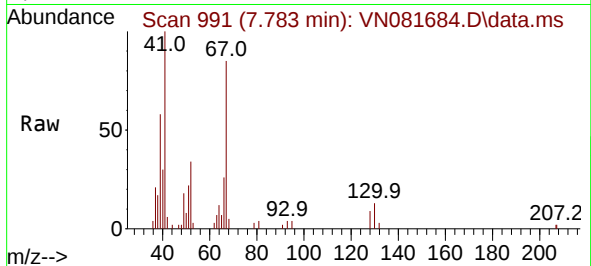
Tgt Ion: 78 Resp: 360282
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8
51 16.1 13.3 19.9





#35
Methacrylonitrile
Concen: 19.335 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



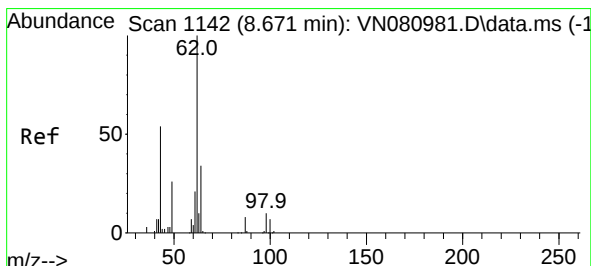
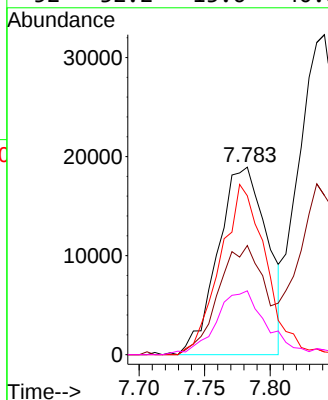
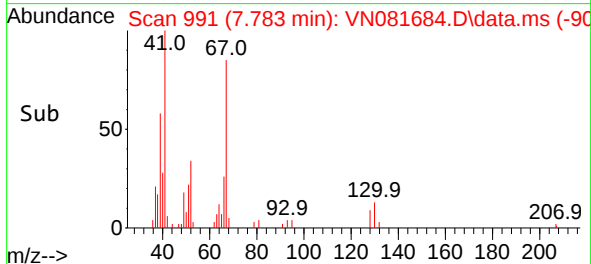
Tgt Ion: 41 Resp: 4943
Ion Ratio Lower Upper
41 100
39 58.2 25.3 75.9
67 84.7 38.7 116.1
52 32.2 13.6 40.8

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Reviewed By :John
Carlone

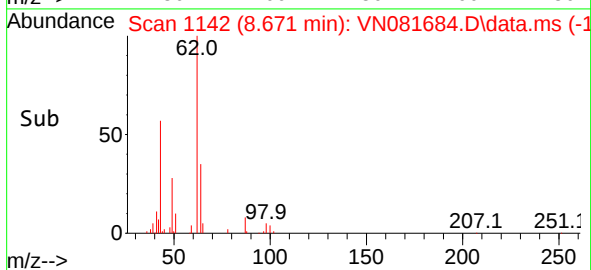
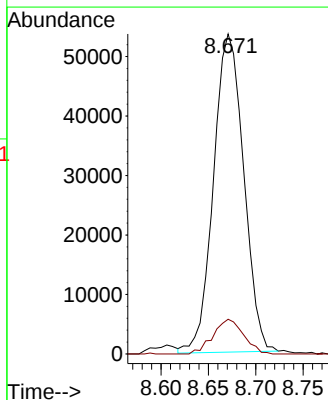
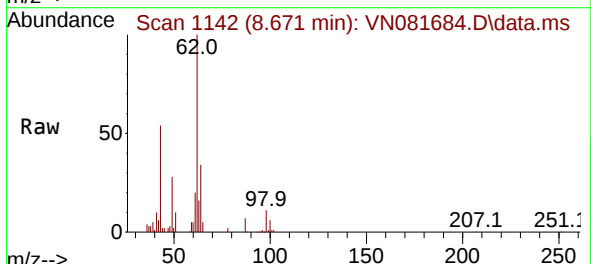
04/11/2024
Supervised By :Mahesh
Dadoda

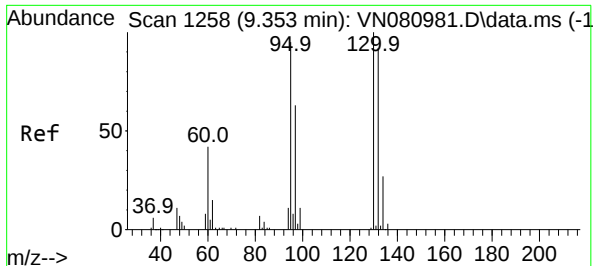
04/11/2024



#36
1,2-Dichloroethane
Concen: 18.987 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

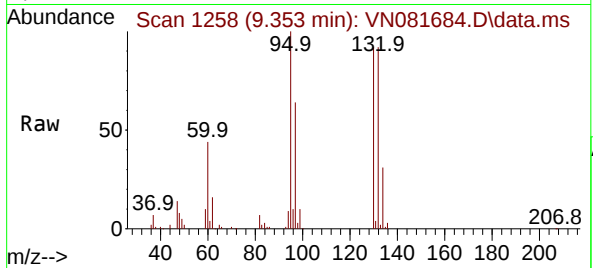
Tgt Ion: 62 Resp: 118571
Ion Ratio Lower Upper
62 100
98 11.0 8.2 12.4





#37
Trichloroethene
Concen: 18.596 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



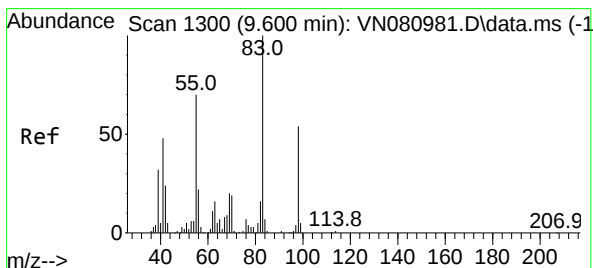
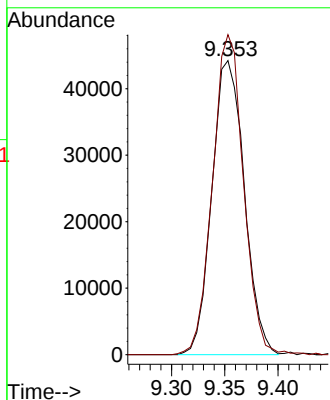
Tgt Ion:130 Resp: 93689
Ion Ratio Lower Upper
130 100
95 108.4 80.2 120.4

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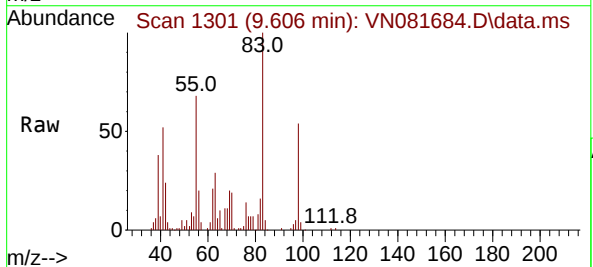
Reviewed By :John
Carlone

04/11/2024
Supervised By :Mahesh
Dadoda

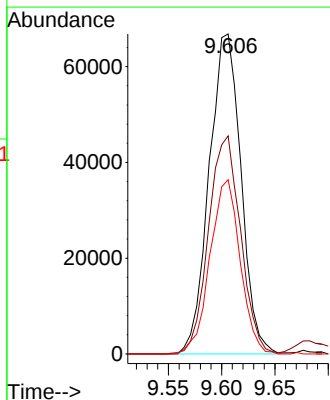
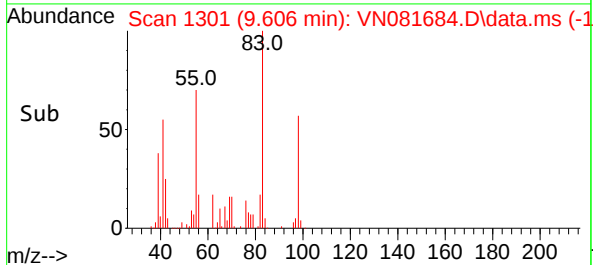
04/11/2024

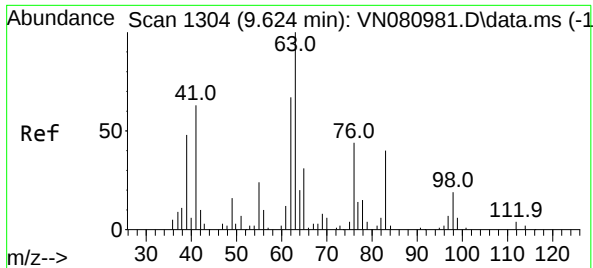


#38
Methylcyclohexane
Concen: 19.224 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02



Tgt Ion: 83 Resp: 138870
Ion Ratio Lower Upper
83 100
55 68.6 36.6 109.9
98 51.5 23.8 71.5





#39

1,2-Dichloropropane

Concen: 19.095 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081684.D

Acq: 10 Apr 2024 16:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 84810

Ion Ratio Lower Upper

63 100

65 31.7 25.0 37.4

Manual Integrations

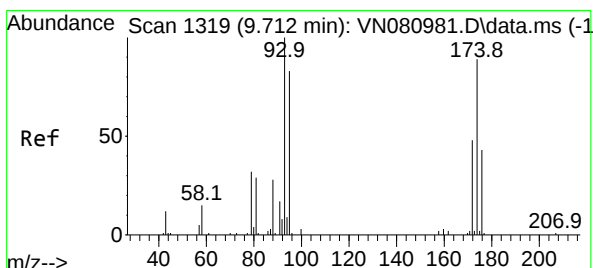
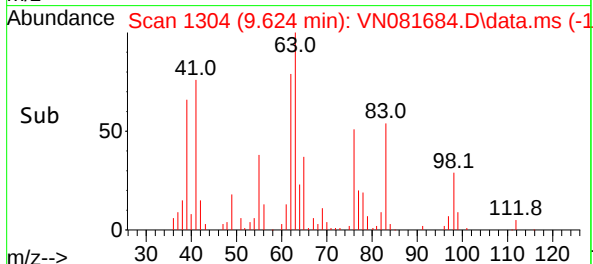
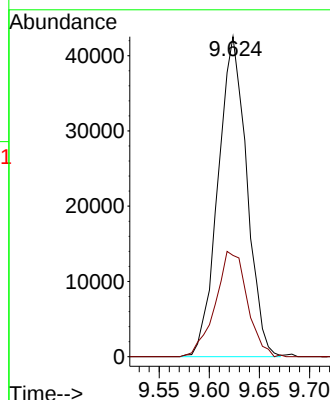
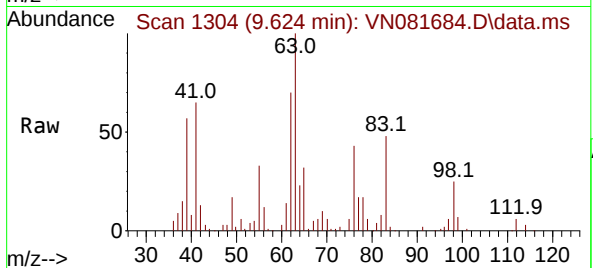
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Reviewed By :John
Carlone

04/11/2024

Supervised By :Mahesh
Dadoda

04/11/2024



#40

Dibromomethane

Concen: 19.723 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081684.D

Acq: 10 Apr 2024 16:02

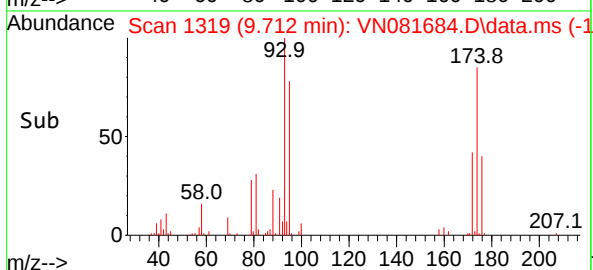
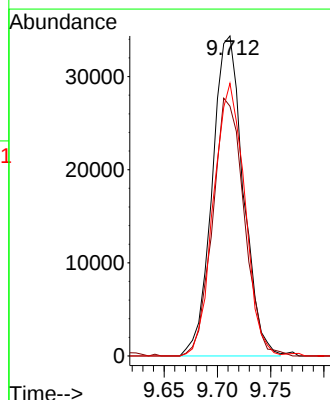
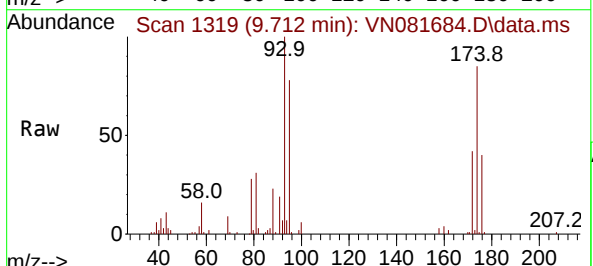
Tgt Ion: 93 Resp: 69783

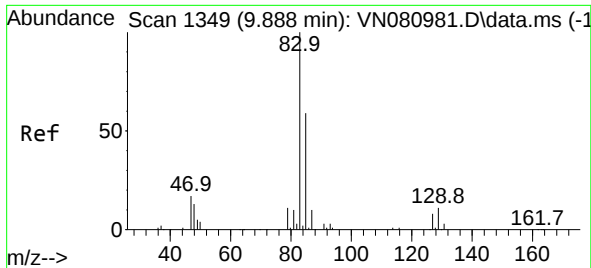
Ion Ratio Lower Upper

93 100

95 81.8 0.0 164.6

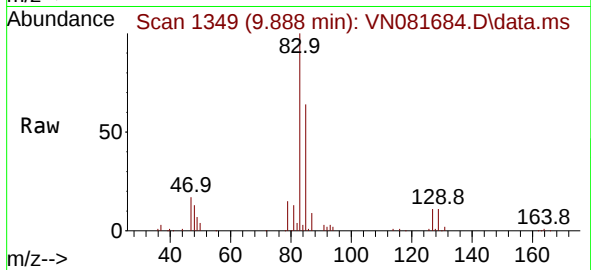
174 85.1 0.0 193.2





#41
Bromodichloromethane
Concen: 19.153 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



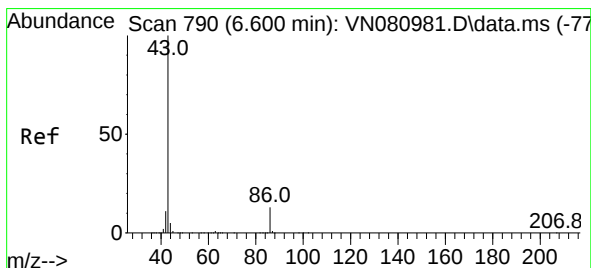
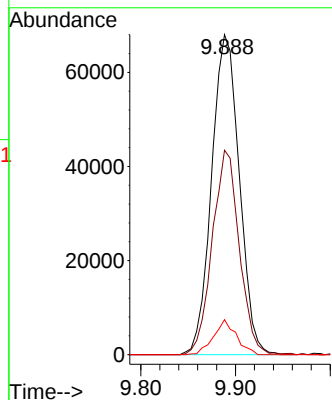
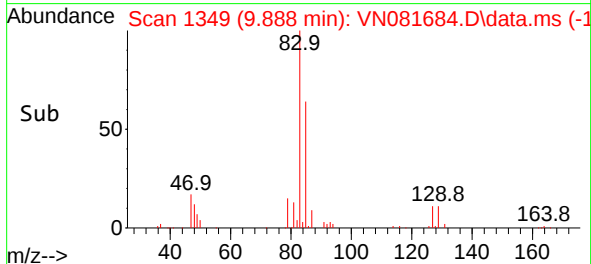
Tgt Ion: 83 Resp: 13818
Ion Ratio Lower Upper
83 100
85 63.9 49.4 74.2
127 11.0 7.3 10.9

Manual Integrations
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Reviewed By :John
Carlone

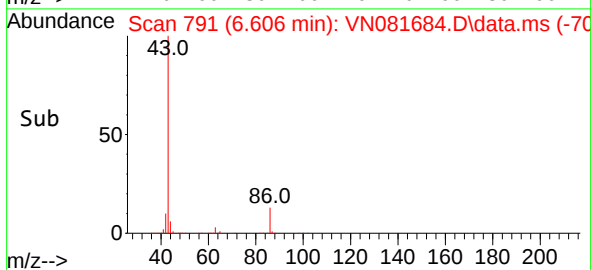
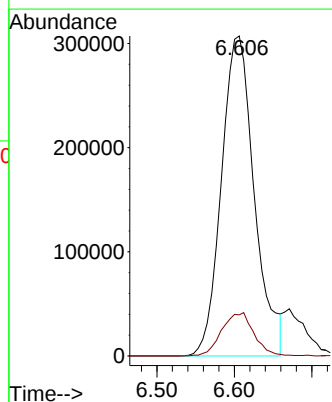
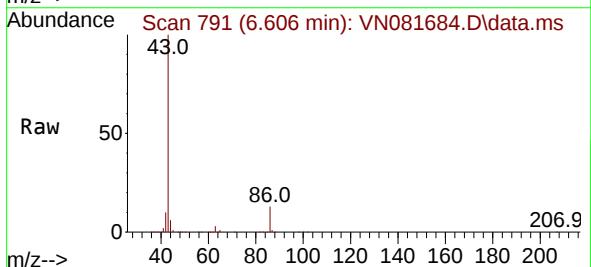
04/11/2024
Supervised By :Mahesh
Dadoda

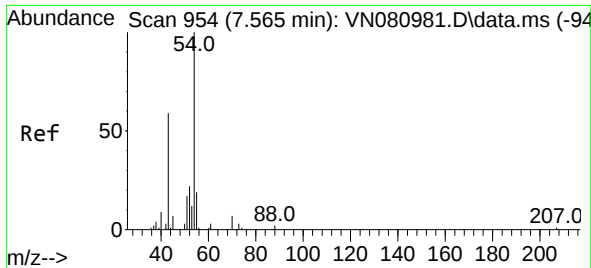
04/11/2024



#42
Vinyl Acetate
Concen: 96.637 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

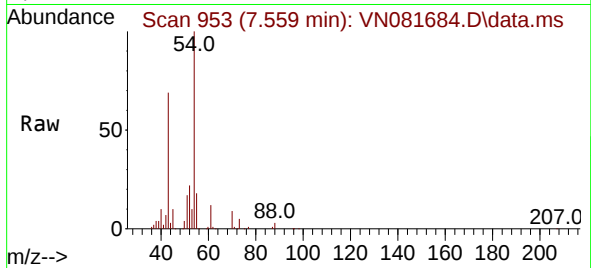
Tgt Ion: 43 Resp: 908674
Ion Ratio Lower Upper
43 100
86 13.2 9.4 14.2





#43
Ethyl Acetate
Concen: 18.179 ug/l
RT: 7.559 min Scan# 907
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



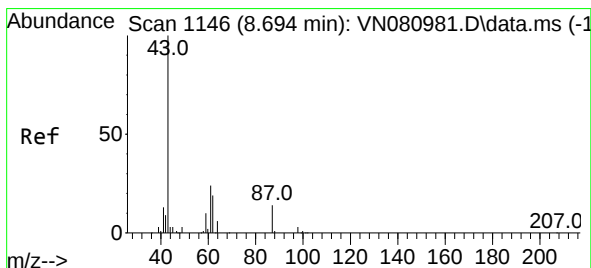
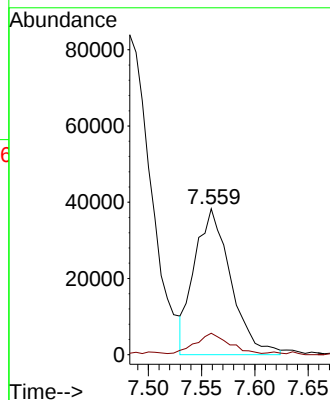
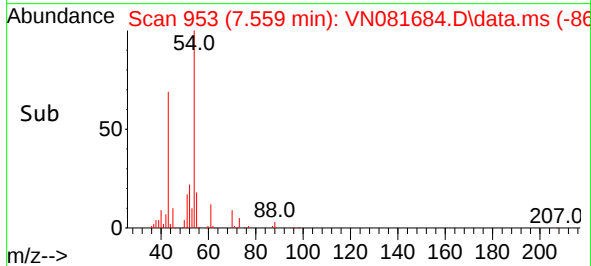
Tgt Ion: 43 Resp: 90712
Ion Ratio Lower Upper
43 100
45 14.1 10.6 15.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

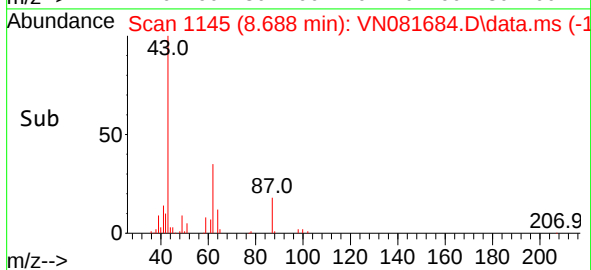
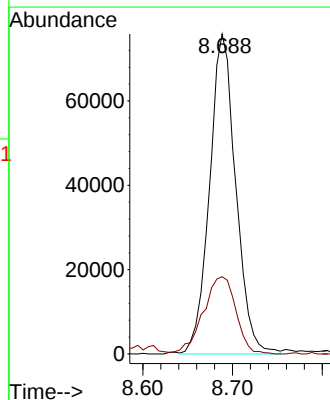
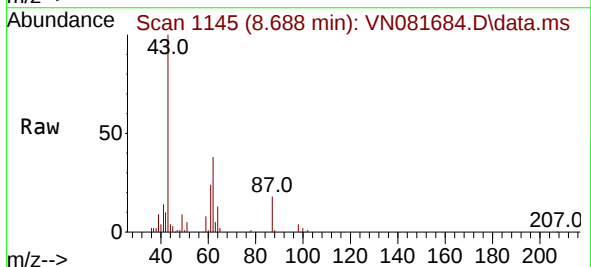
04/11/2024
Supervised By :Mahesh
Dadoda

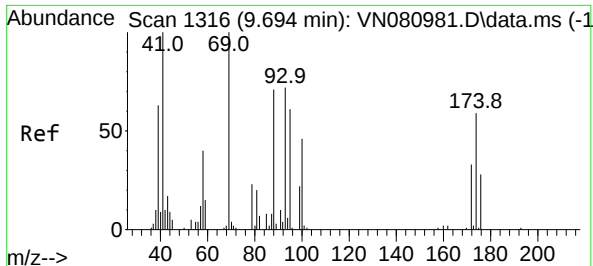
04/11/2024



#44
Isopropyl Acetate
Concen: 18.473 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

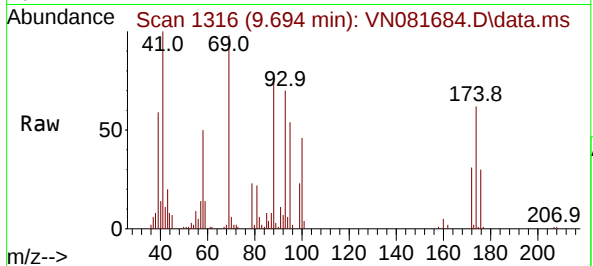
Tgt Ion: 43 Resp: 153979
Ion Ratio Lower Upper
43 100
61 30.0 25.0 37.4





#45
1,4-Dioxane
Concen: 391.623 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



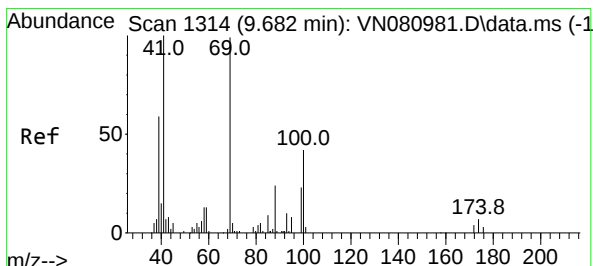
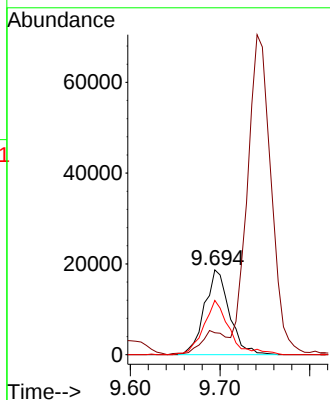
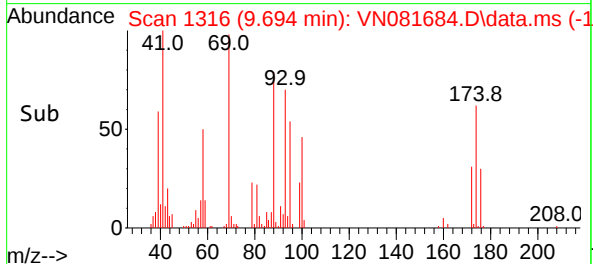
Tgt Ion: 88 Resp: 36034
Ion Ratio Lower Upper
88 100
43 29.4 19.8 29.6
58 66.5 55.4 83.0

Manual Integrations
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Reviewed By :John
Carlone

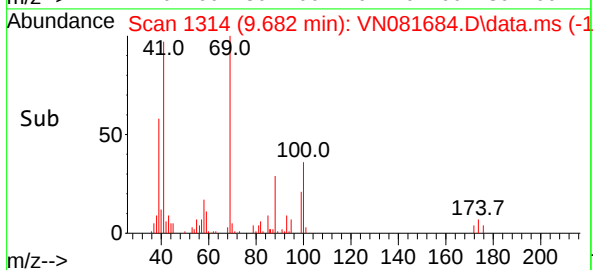
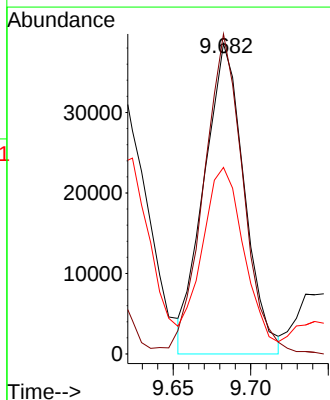
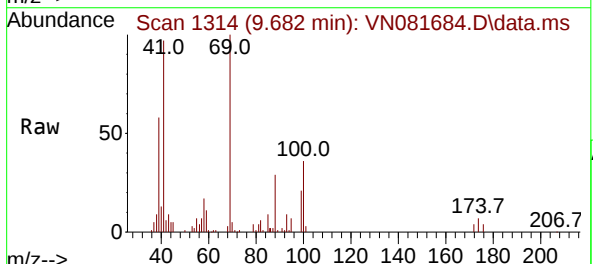
04/11/2024
Supervised By :Mahesh
Dadoda

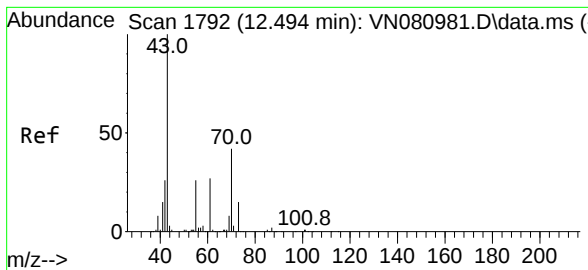
04/11/2024



#46
Methyl methacrylate
Concen: 18.586 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

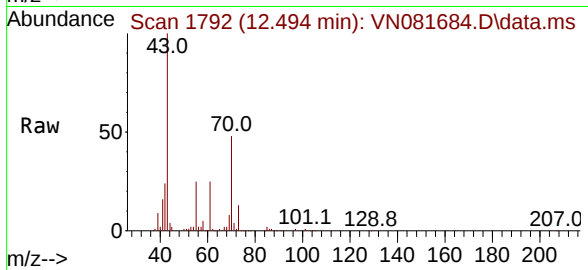
Tgt Ion: 41 Resp: 69665
Ion Ratio Lower Upper
41 100
69 105.2 51.1 153.3
39 59.5 25.8 77.3





#47
n-amy1 Acetate
Concen: 18.182 ug/l
RT: 12.494 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



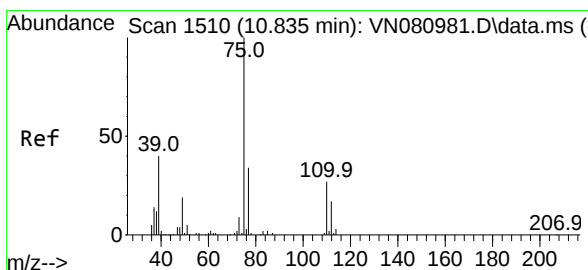
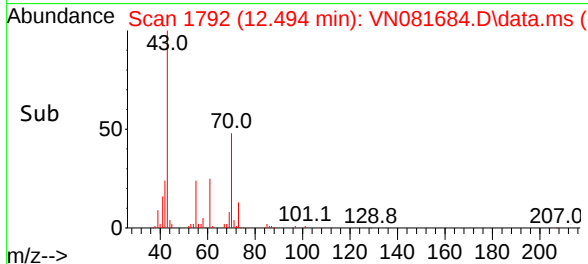
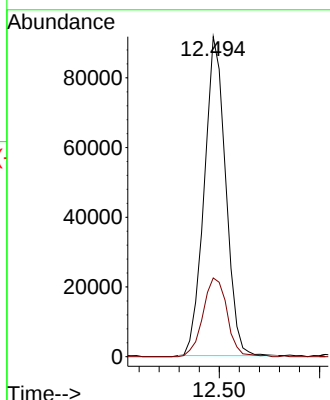
Tgt Ion: 43 Resp: 135980
Ion Ratio Lower Upper
43 100
55 27.9 23.4 35.2

Manual Integrations
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Reviewed By :John
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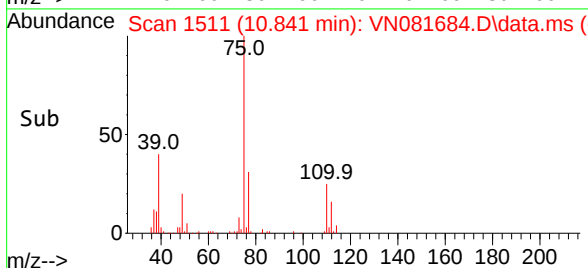
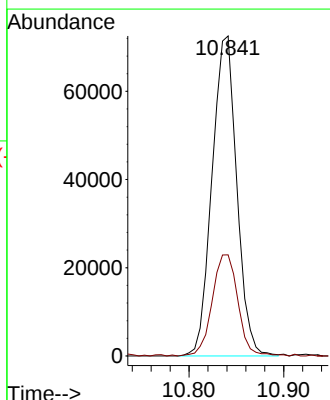
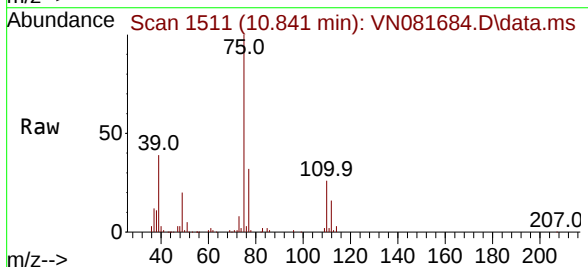
04/11/2024
Supervised By :Mahesh
Dadoda

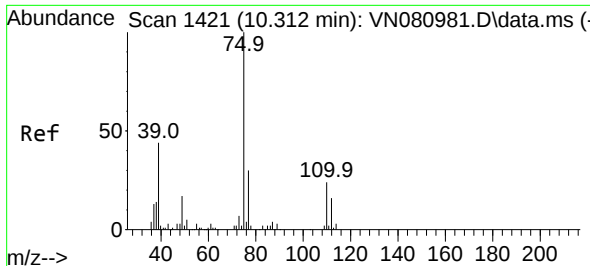
04/11/2024



#48
t-1,3-Dichloropropene
Concen: 19.158 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

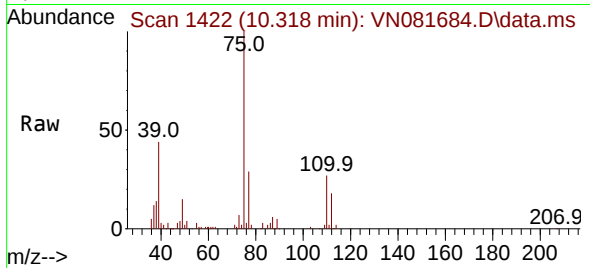
Tgt Ion: 75 Resp: 131688
Ion Ratio Lower Upper
75 100
77 31.6 23.8 35.6





#49
cis-1,3-Dichloropropene
Concen: 19.067 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



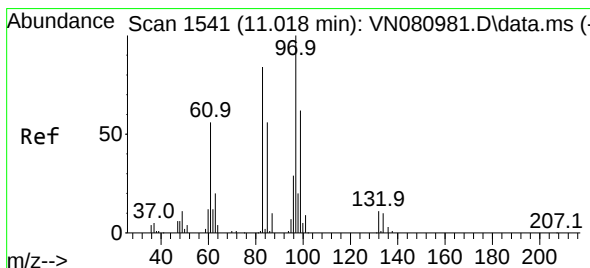
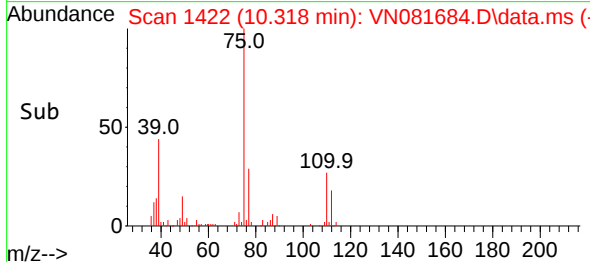
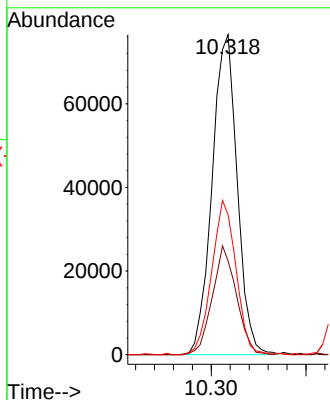
Tgt Ion: 75 Resp: 141145
Ion Ratio Lower Upper
75 100
77 29.2 24.9 37.3
39 43.7 31.0 46.6

Manual Integrations
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Reviewed By :John
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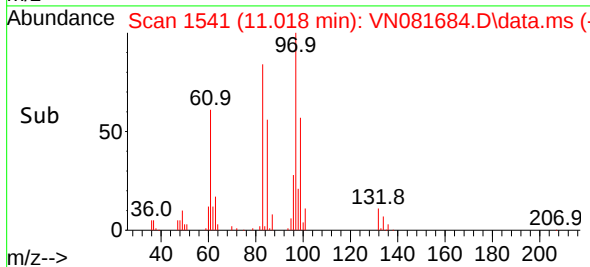
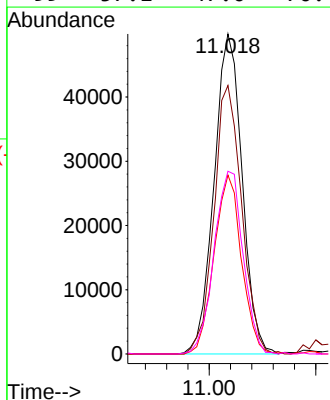
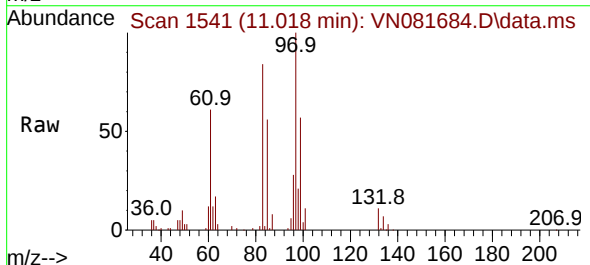
04/11/2024
Supervised By :Mahesh
Dadoda

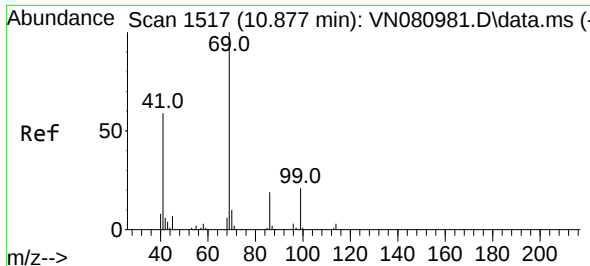
04/11/2024



#50
1,1,2-Trichloroethane
Concen: 19.209 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

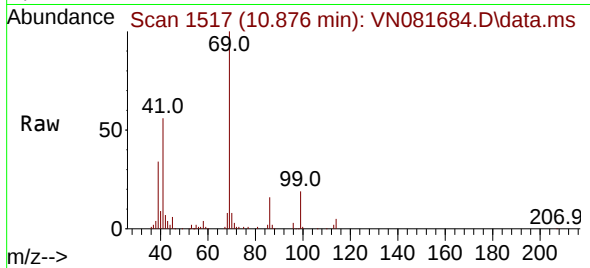
Tgt Ion: 97 Resp: 91004
Ion Ratio Lower Upper
97 100
83 83.9 68.1 102.1
85 55.9 41.8 62.6
99 57.1 47.0 70.4





#51
Ethyl methacrylate
Concen: 18.968 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



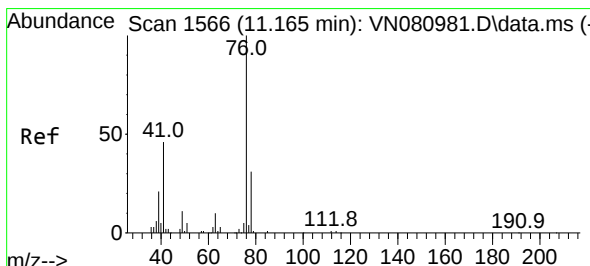
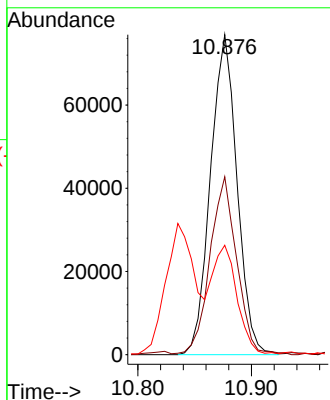
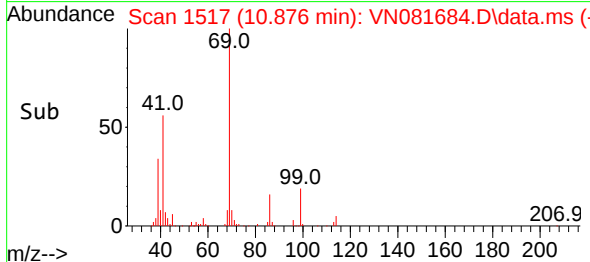
Tgt Ion: 69 Resp: 125123
Ion Ratio Lower Upper
69 100
41 55.1 25.5 76.5
39 33.9 16.0 47.9

Manual Integrations
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Reviewed By :John
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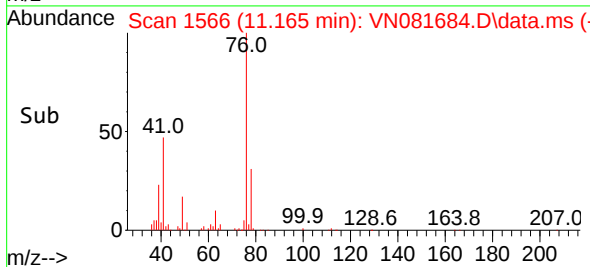
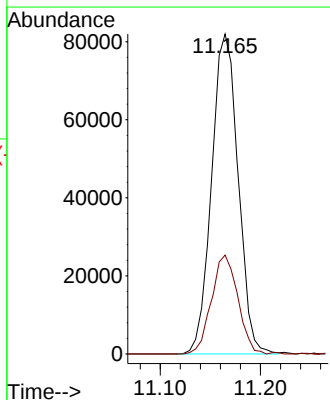
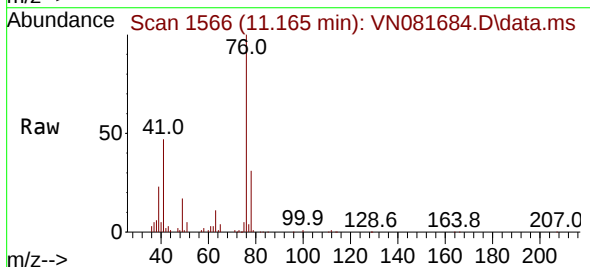
04/11/2024
Supervised By :Mahesh
Dadoda

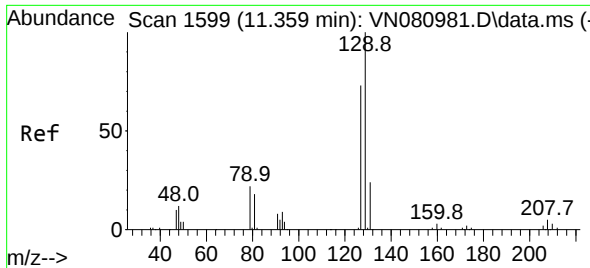
04/11/2024



#52
1,3-Dichloropropane
Concen: 19.397 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

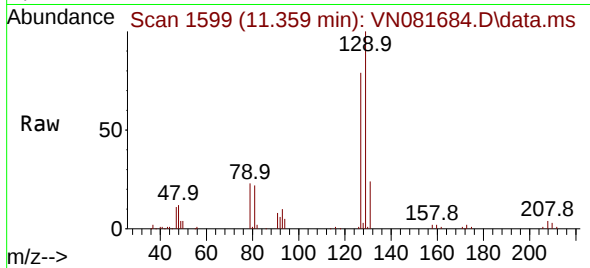
Tgt Ion: 76 Resp: 150621
Ion Ratio Lower Upper
76 100
78 30.6 0.0 65.8





#53
Dibromochloromethane
Concen: 19.102 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



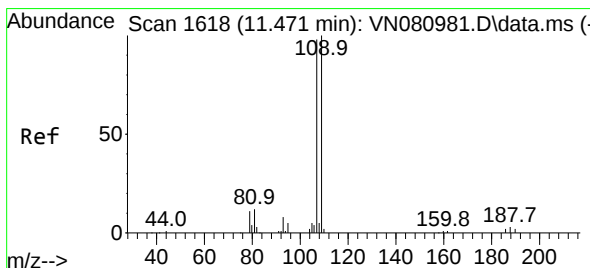
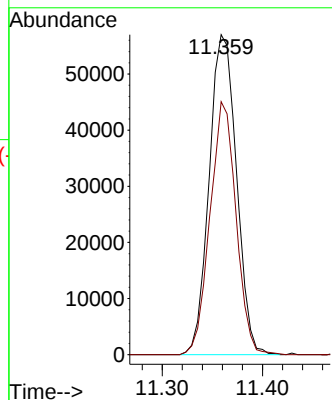
Tgt Ion:129 Resp: 10810
Ion Ratio Lower Upper
129 100
127 75.3 39.4 118.1

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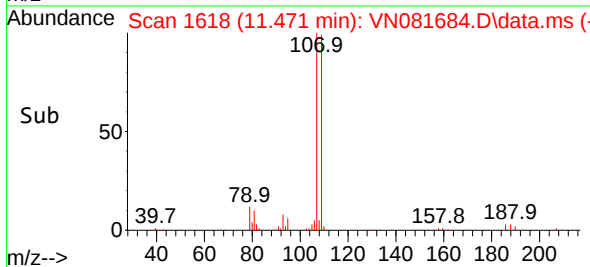
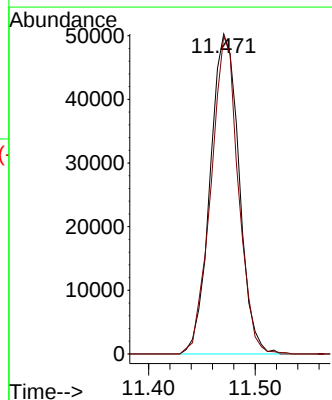
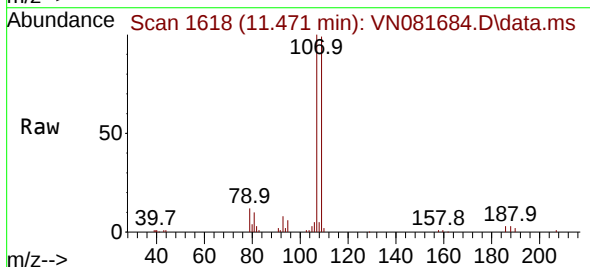
04/11/2024
Supervised By :Mahesh
Dadoda

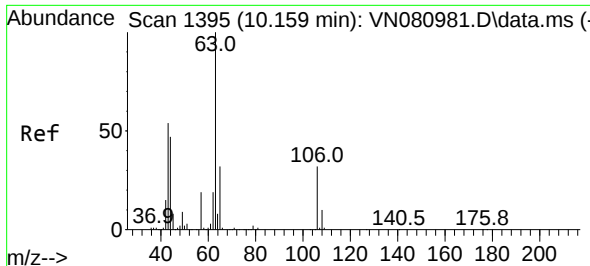
04/11/2024



#54
1,2-Dibromoethane
Concen: 19.273 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

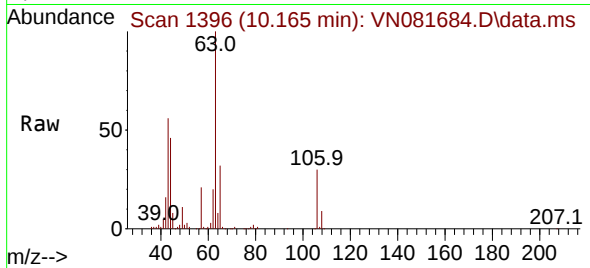
Tgt Ion:107 Resp: 94381
Ion Ratio Lower Upper
107 100
109 94.4 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 92.235 ug/l
RT: 10.165 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



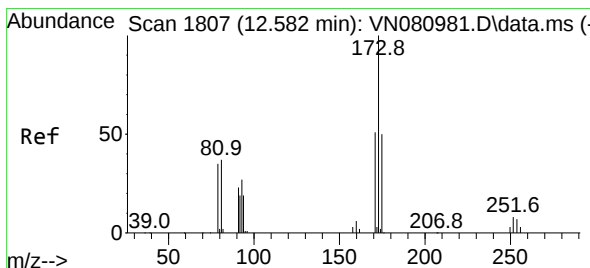
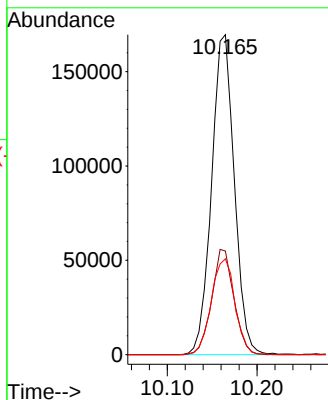
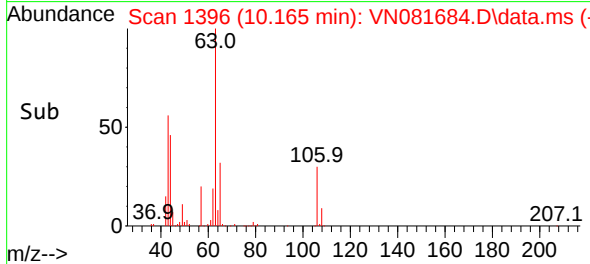
Tgt Ion: 63 Resp: 298780
Ion Ratio Lower Upper
63 100
65 32.1 26.2 39.2
106 31.2 23.8 35.8

Manual Integrations
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Reviewed By :John
Carlone

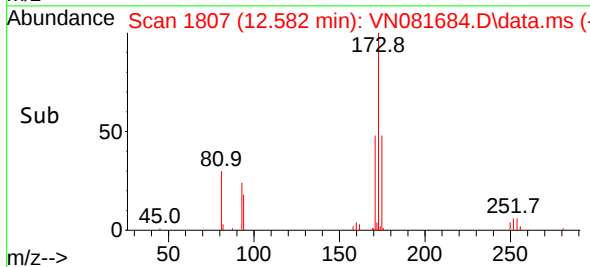
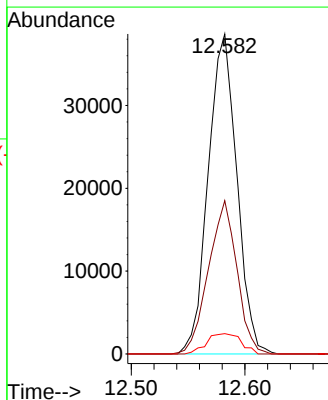
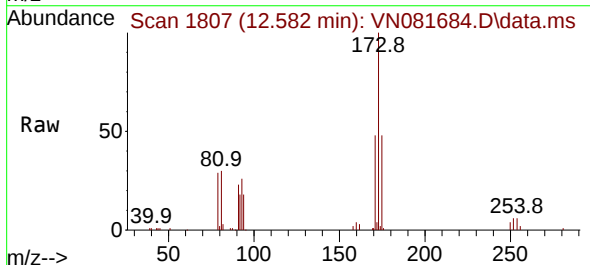
04/11/2024
Supervised By :Mahesh
Dadoda

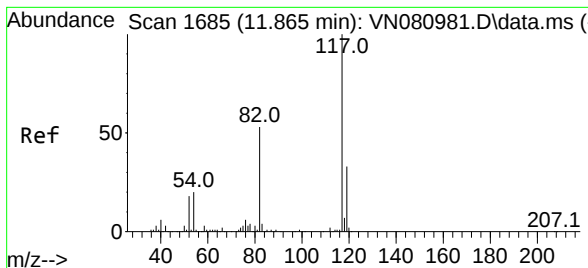
04/11/2024



#56
Bromoform
Concen: 18.706 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

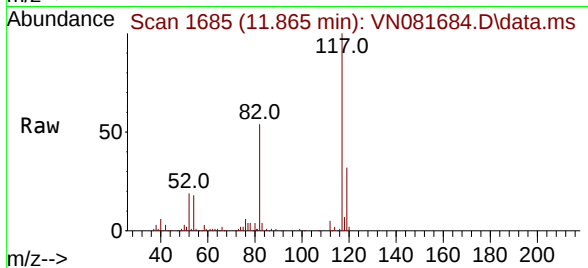
Tgt Ion:173 Resp: 67692
Ion Ratio Lower Upper
173 100
175 47.6 40.0 60.0
254 7.7 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



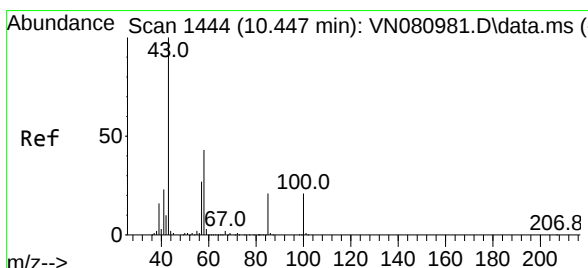
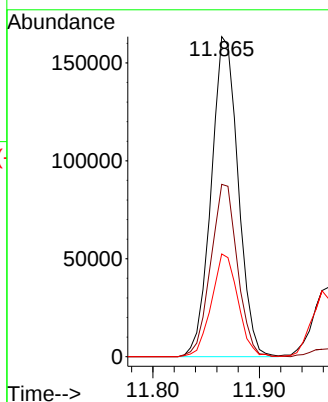
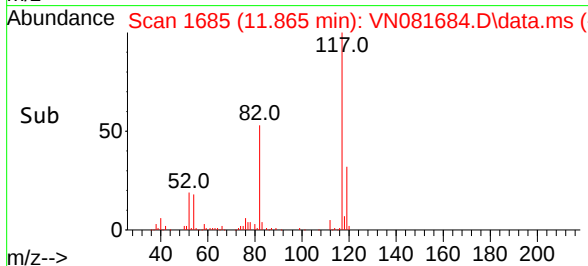
Tgt Ion: 117 Resp: 287358
Ion Ratio Lower Upper
117 100
82 53.3 46.6 69.8
119 31.6 25.4 38.2

Manual Integrations
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Reviewed By :John
Carlone

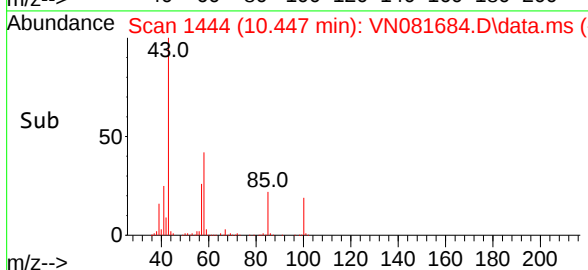
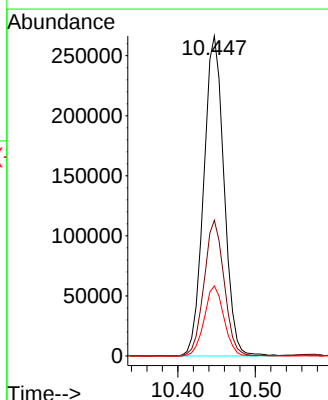
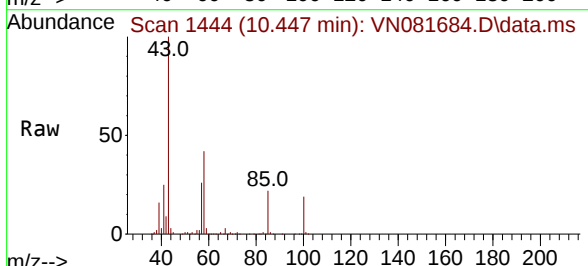
04/11/2024
Supervised By :Mahesh
Dadoda

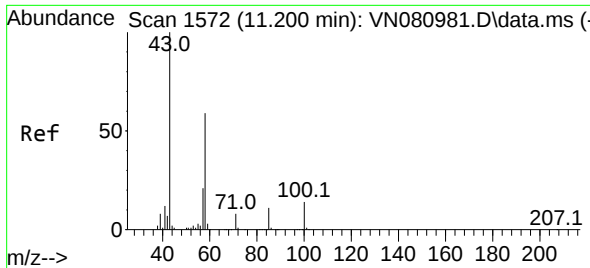
04/11/2024



#58
4-Methyl-2-Pentanone
Concen: 98.013 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

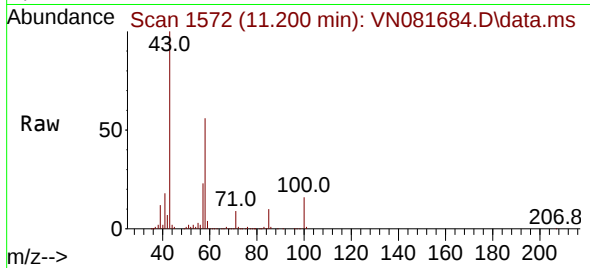
Tgt Ion: 43 Resp: 484353
Ion Ratio Lower Upper
43 100
58 41.9 36.5 54.7
85 21.2 19.5 29.3





#59
2-Hexanone
Concen: 97.339 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



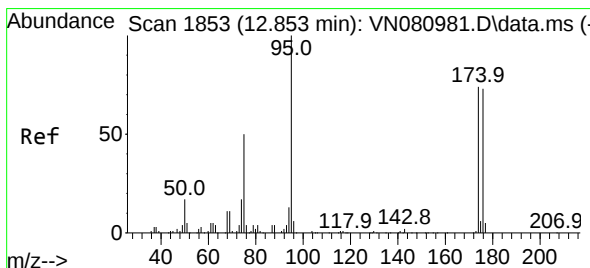
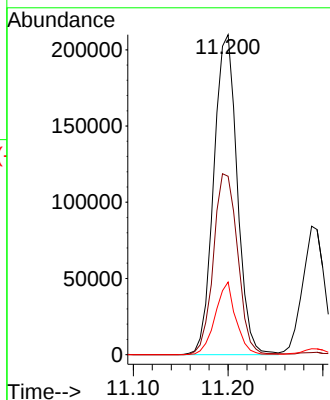
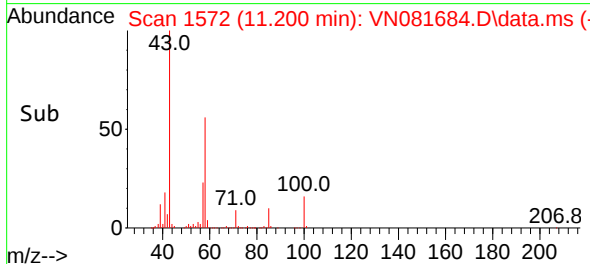
Tgt Ion: 43 Resp: 361249
Ion Ratio Lower Upper
43 100
58 58.3 50.4 75.6
57 20.0 18.6 27.8

Manual Integrations
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Reviewed By :John
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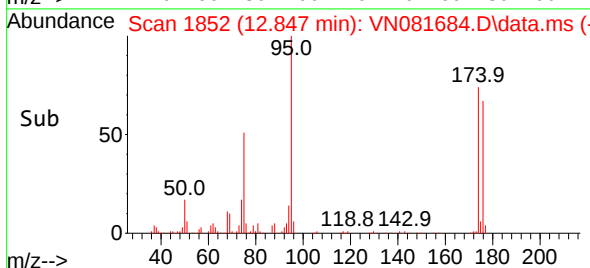
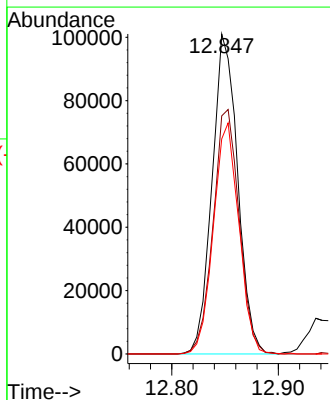
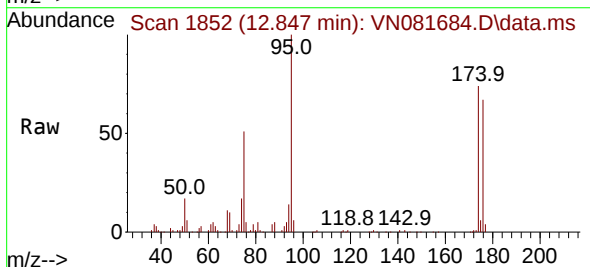
04/11/2024
Supervised By :Mahesh
Dadoda

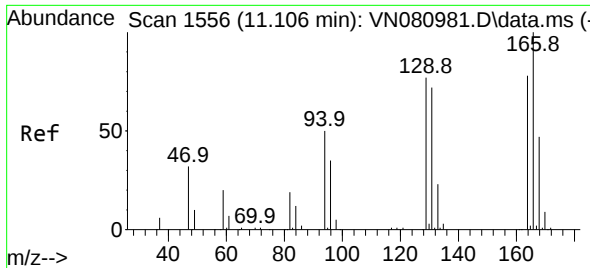
04/11/2024



#60
4-Bromofluorobenzene
Concen: 29.796 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

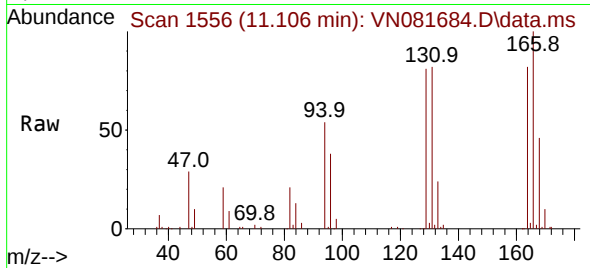
Tgt Ion: 95 Resp: 168333
Ion Ratio Lower Upper
95 100
174 78.0 60.5 90.7
176 72.1 57.8 86.6





#61
Tetrachloroethene
Concen: 19.388 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



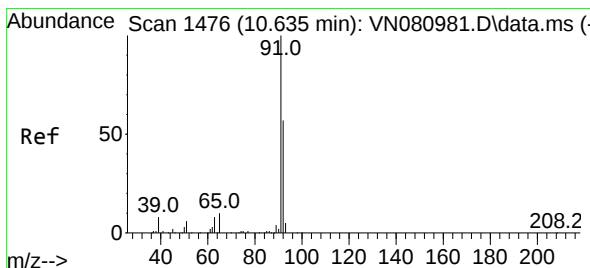
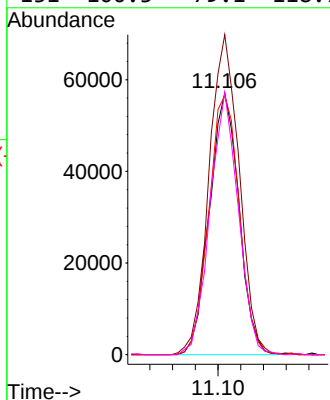
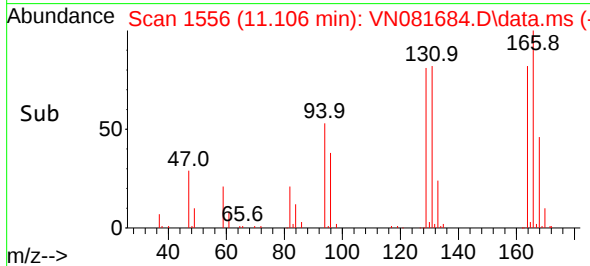
Tgt Ion:164 Resp: 10323
Ion Ratio Lower Upper
164 100
166 122.1 106.7 160.1
129 98.7 85.8 128.6
131 100.3 79.1 118.7

Manual Integrations
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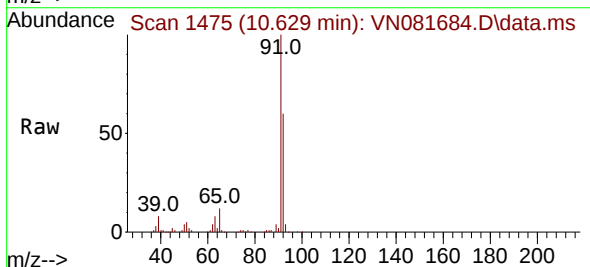
Reviewed By :John
Carlone

04/11/2024
Supervised By :Mahesh
Dadoda

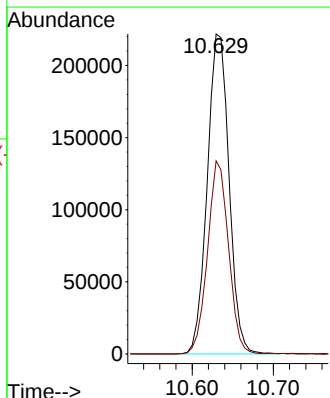
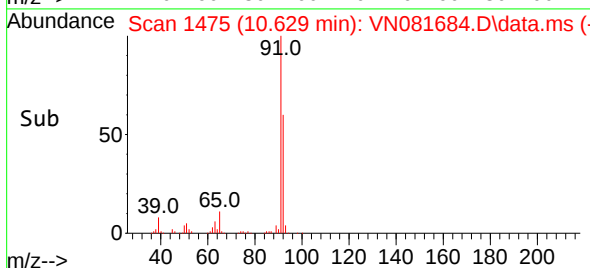
04/11/2024

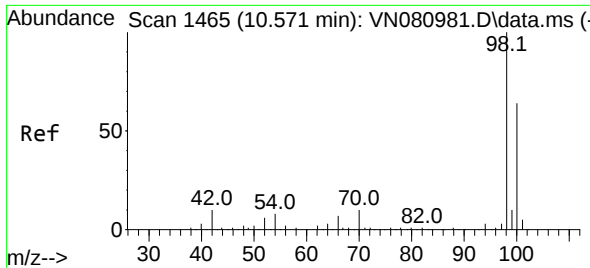


#62
Toluene
Concen: 19.787 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02



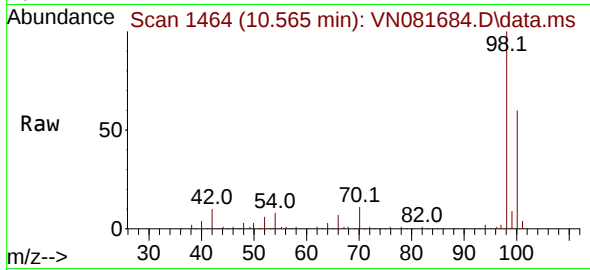
Tgt Ion: 91 Resp: 413659
Ion Ratio Lower Upper
91 100
92 58.1 46.5 69.7





#63
Toluene-d8
Concen: 30.431 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



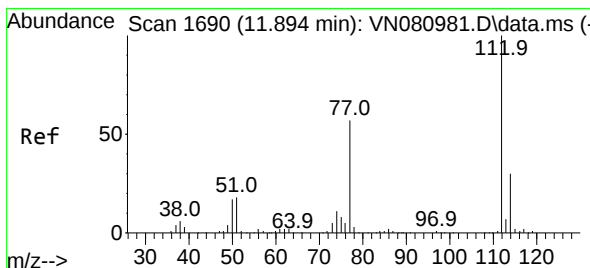
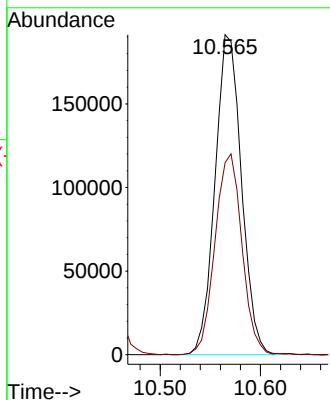
Tgt Ion: 98 Resp: 350764
Ion Ratio Lower Upper
98 100
100 63.8 52.7 79.1

Manual Integrations
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Reviewed By :John
Carlone

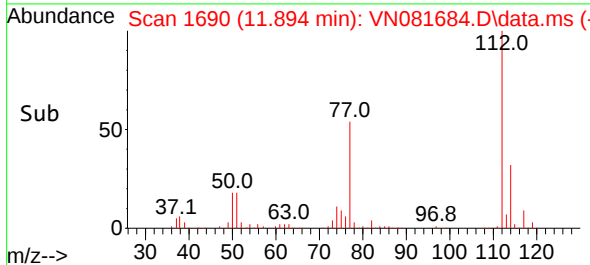
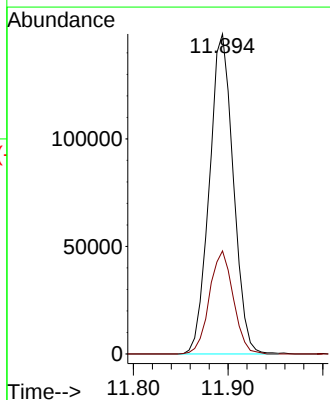
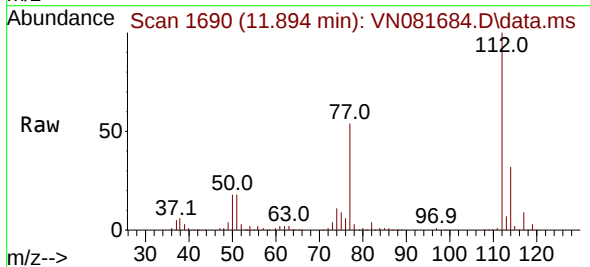
04/11/2024
Supervised By :Mahesh
Dadoda

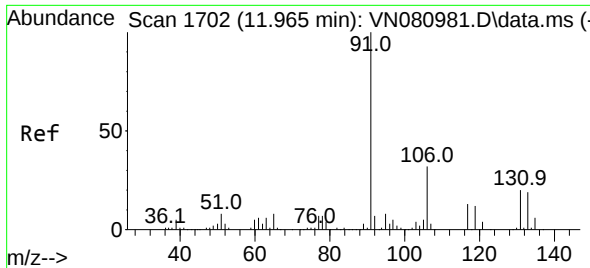
04/11/2024



#64
Chlorobenzene
Concen: 19.711 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Tgt Ion:112 Resp: 261291
Ion Ratio Lower Upper
112 100
114 32.2 26.6 39.8





#65
1,1,1,2-Tetrachloroethane
Concen: 20.225 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

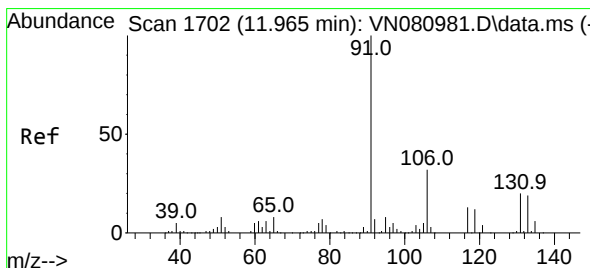
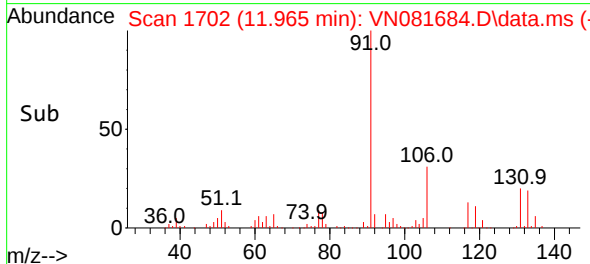
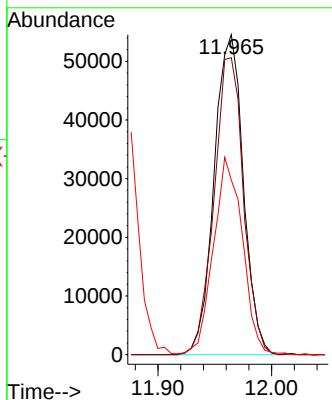
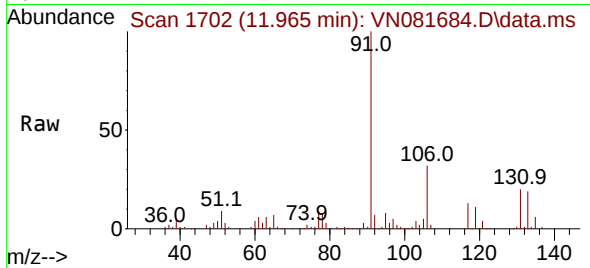
Tgt Ion:131 Resp: 9739
Ion Ratio Lower Upper
131 100
133 93.7 0.0 188.0
119 61.3 0.0 122.8

Manual Integrations
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Reviewed By :John
Carlone

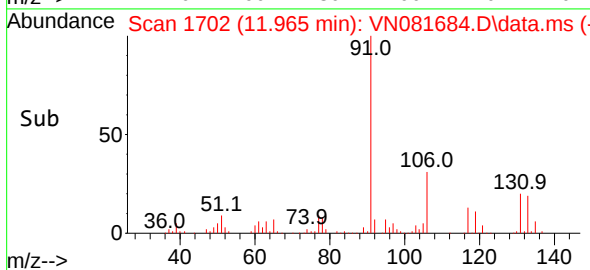
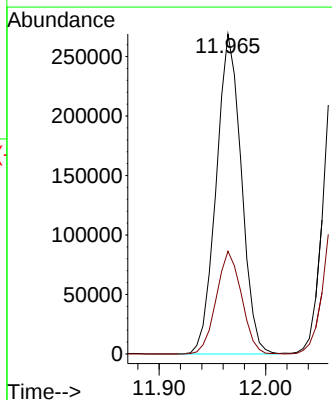
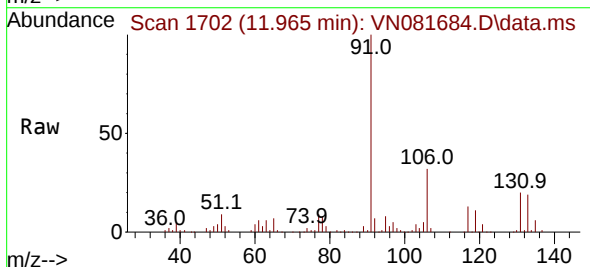
04/11/2024
Supervised By :Mahesh
Dadoda

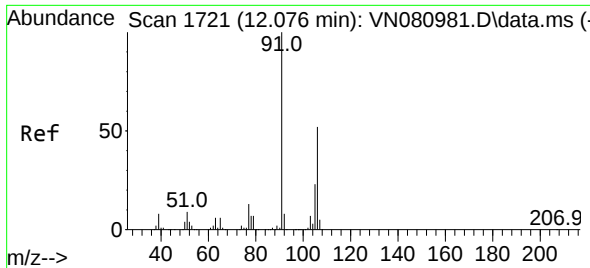
04/11/2024



#66
Ethyl Benzene
Concen: 19.808 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

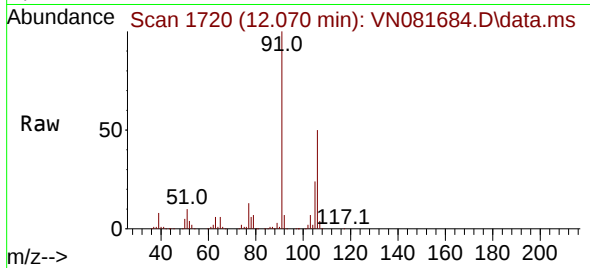
Tgt Ion: 91 Resp: 440283
Ion Ratio Lower Upper
91 100
106 32.1 24.4 36.6





#67
m/p-Xylenes
Concen: 40.160 ug/l
RT: 12.070 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



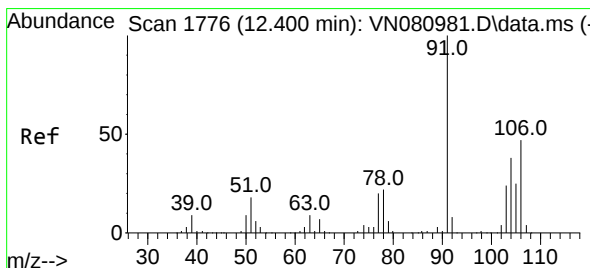
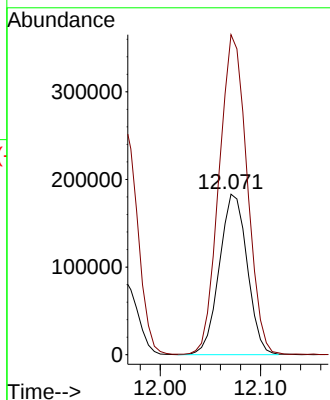
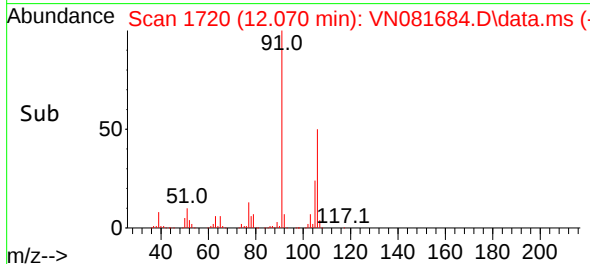
Tgt Ion:106 Resp: 353584
Ion Ratio Lower Upper
106 100
91 200.9 166.6 249.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

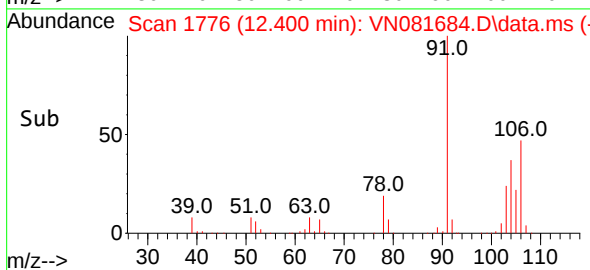
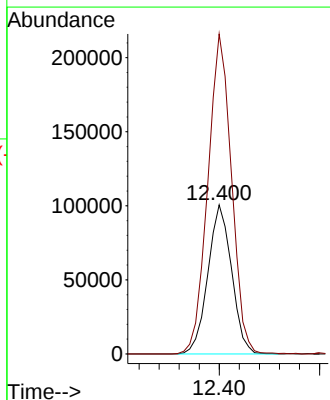
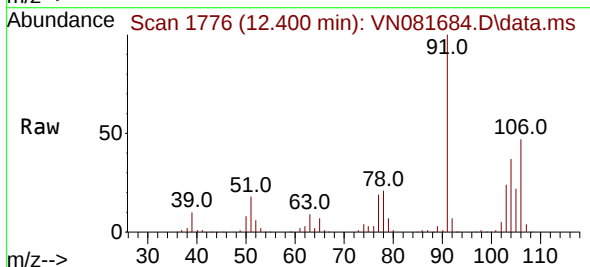
04/11/2024
Supervised By :Mahesh
Dadoda

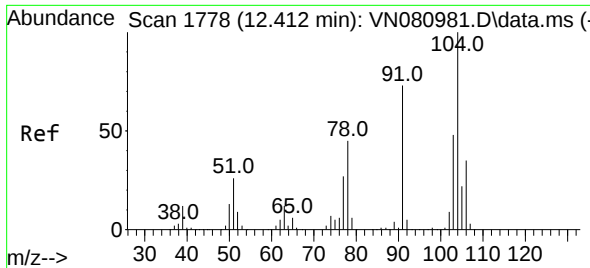
04/11/2024



#68
o-Xylene
Concen: 19.764 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Tgt Ion:106 Resp: 165194
Ion Ratio Lower Upper
106 100
91 214.4 110.0 330.0





#69
Styrene
Concen: 19.753 ug/l
RT: 12.412 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

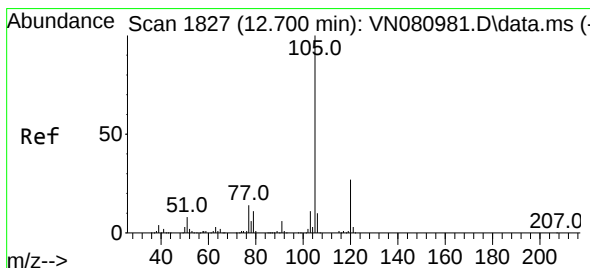
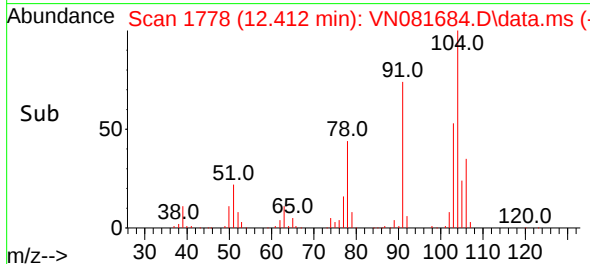
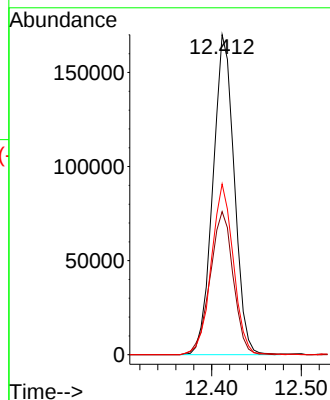
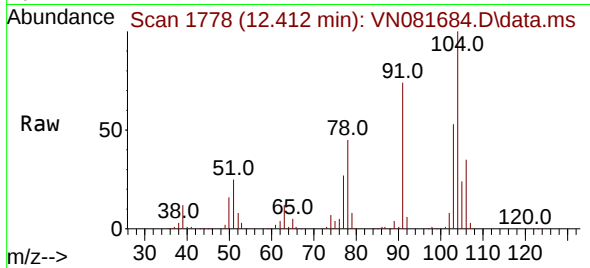
Tgt Ion:104 Resp: 28118
Ion Ratio Lower Upper
104 100
78 48.3 42.6 64.0
103 54.9 43.7 65.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

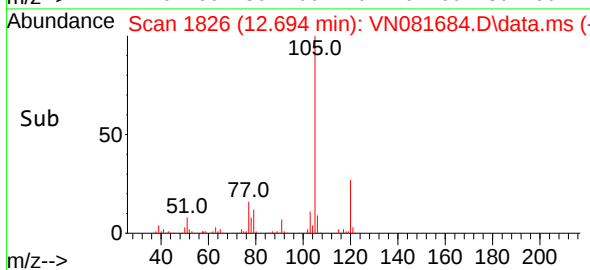
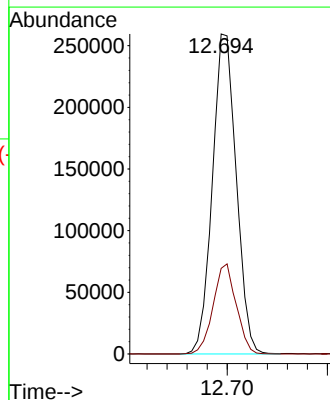
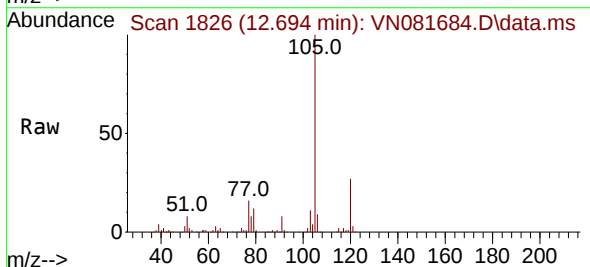
04/11/2024
Supervised By :Mahesh
Dadoda

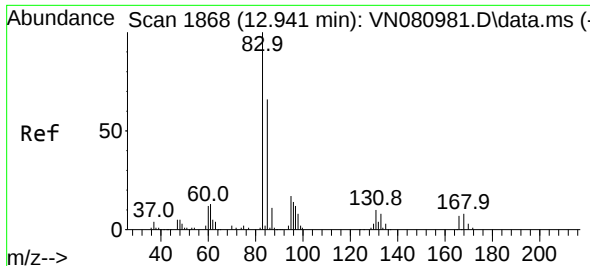
04/11/2024



#70
Isopropylbenzene
Concen: 19.905 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

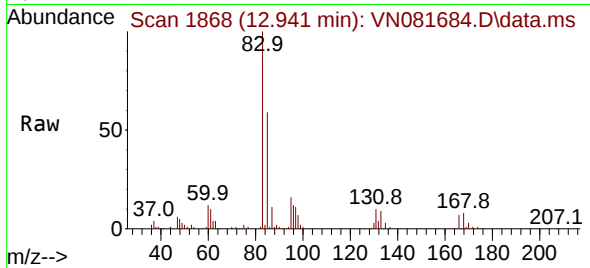
Tgt Ion:105 Resp: 429217
Ion Ratio Lower Upper
105 100
120 27.2 17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 19.955 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



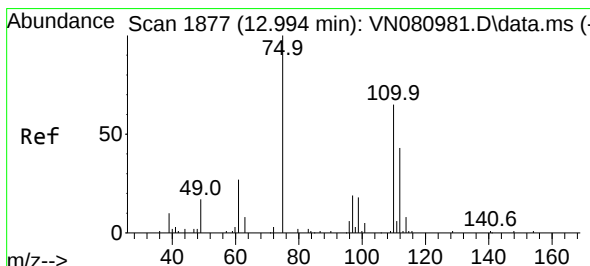
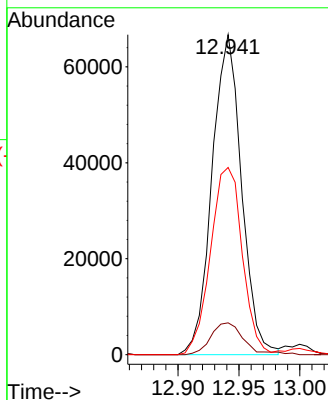
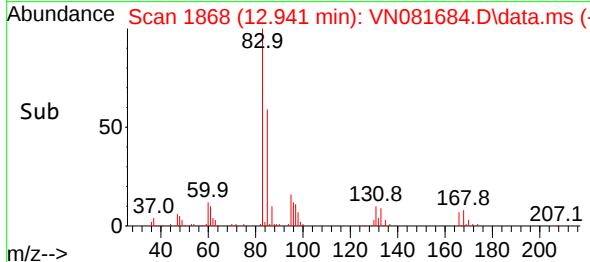
Tgt Ion: 83 Resp: 11240
Ion Ratio Lower Upper
83 100
131 10.4 5.2 15.6
85 62.9 32.3 96.8

Manual Integrations
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Reviewed By :John
Carlone

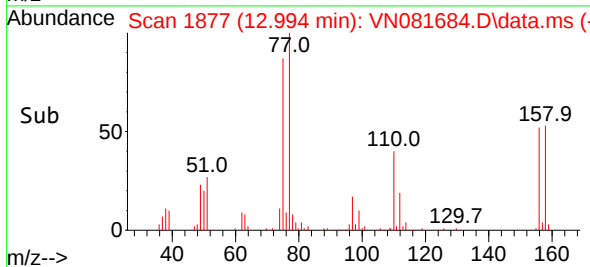
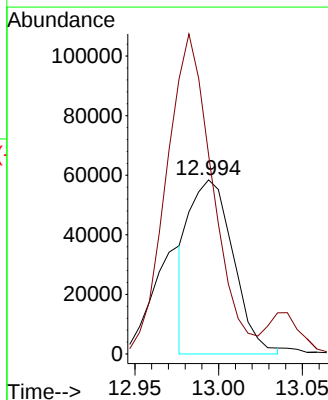
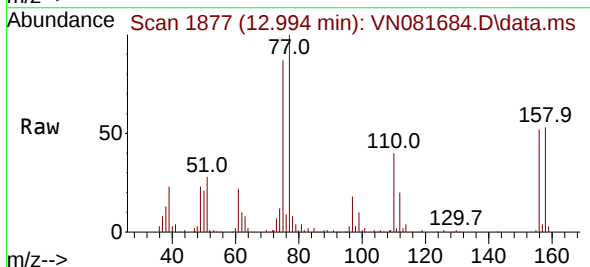
04/11/2024
Supervised By :Mahesh
Dadoda

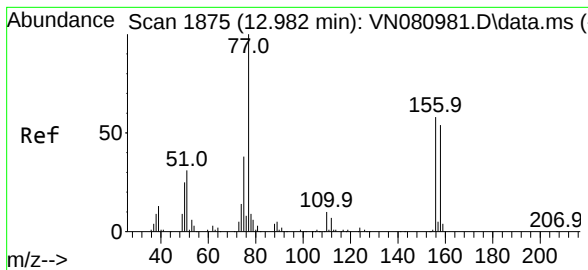
04/11/2024



#72
1,2,3-Trichloropropane
Concen: 13.435 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

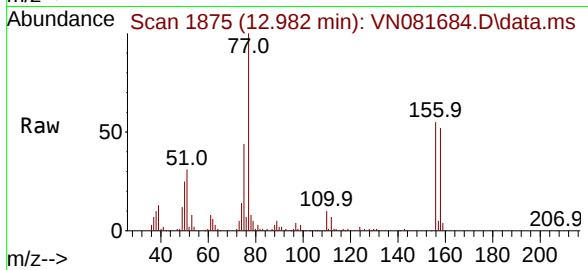
Tgt Ion: 75 Resp: 106726
Ion Ratio Lower Upper
75 100
77 194.4 0.0 367.6





#73
Bromobenzene
Concen: 19.713 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



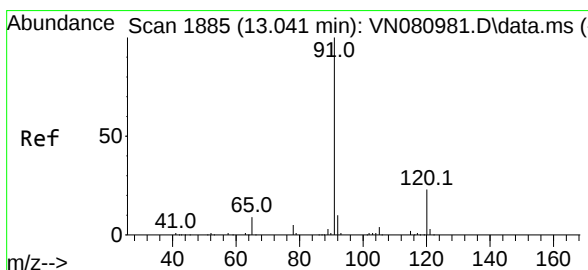
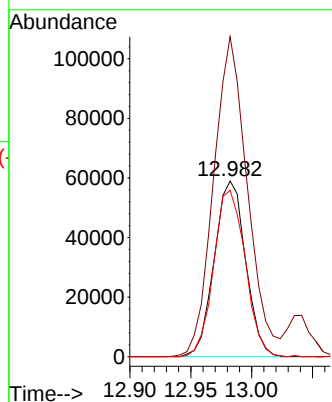
Tgt Ion:156 Resp: 10533
Ion Ratio Lower Upper
156 100
77 197.0 0.0 437.6
158 95.6 0.0 203.8

Manual Integrations
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Reviewed By :John
Carlone

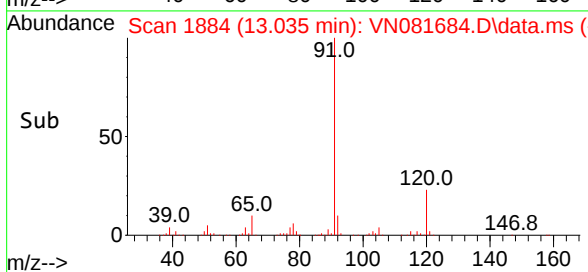
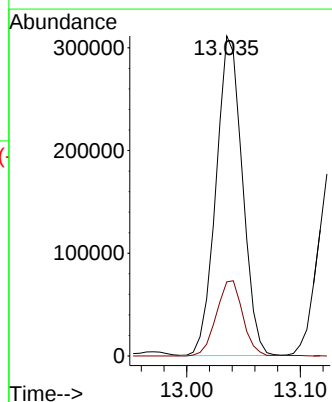
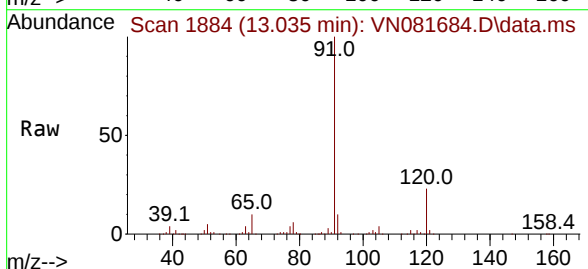
04/11/2024
Supervised By :Mahesh
Dadoda

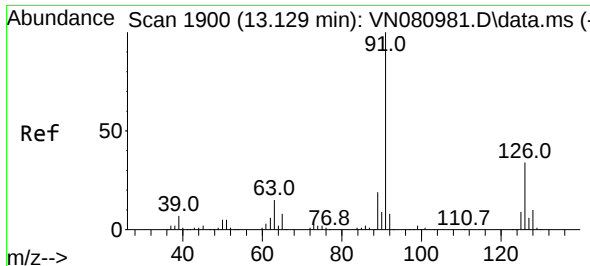
04/11/2024



#74
n-propylbenzene
Concen: 19.412 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Tgt Ion: 91 Resp: 501326
Ion Ratio Lower Upper
91 100
120 23.5 0.0 43.8





#75
2-Chlorotoluene
Concen: 19.939 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

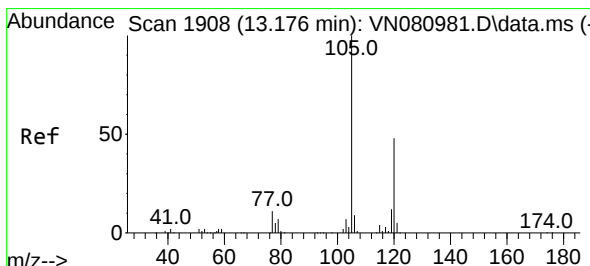
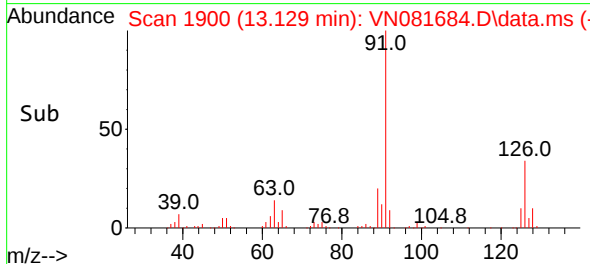
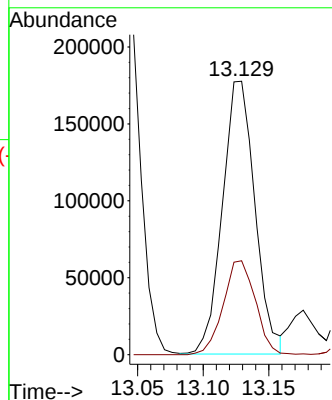
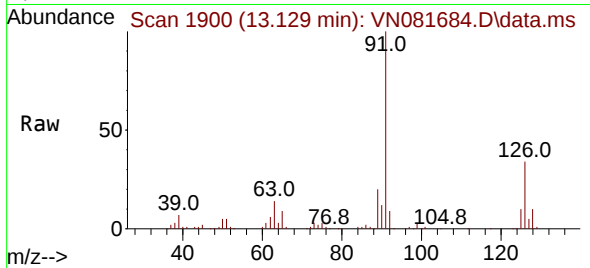
Tgt Ion: 91 Resp: 30661
Ion Ratio Lower Upper
91 100
126 34.0 0.0 61.2

Manual Integrations
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Reviewed By :John
Carlone

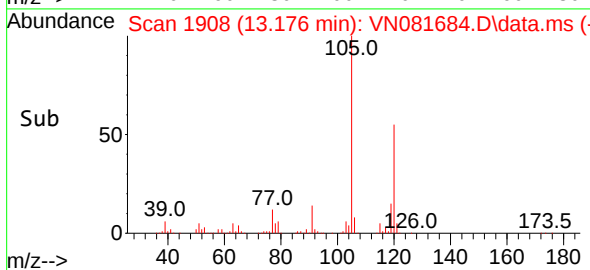
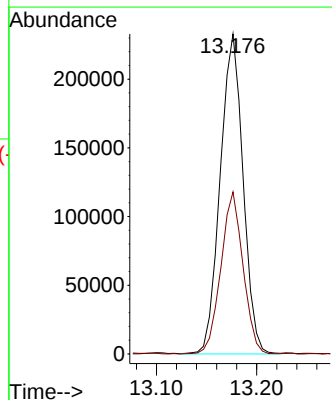
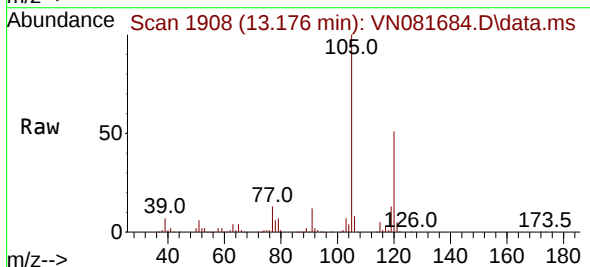
04/11/2024
Supervised By :Mahesh
Dadoda

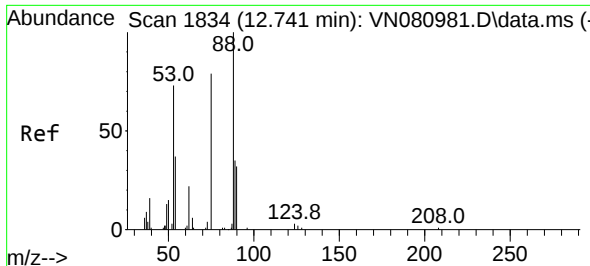
04/11/2024



#76
1,3,5-Trimethylbenzene
Concen: 20.121 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

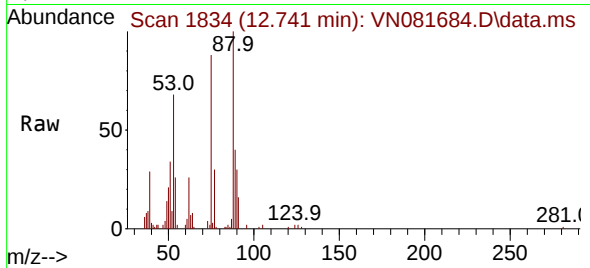
Tgt Ion:105 Resp: 368260
Ion Ratio Lower Upper
105 100
120 49.1 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.229 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



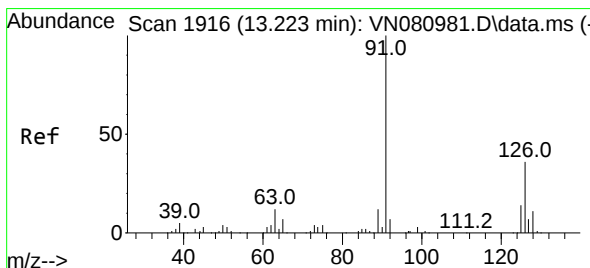
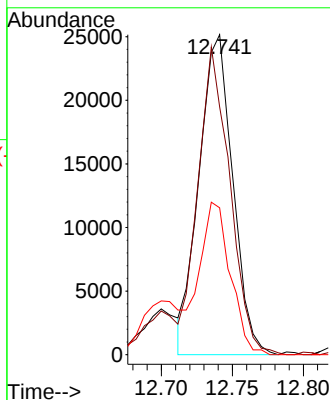
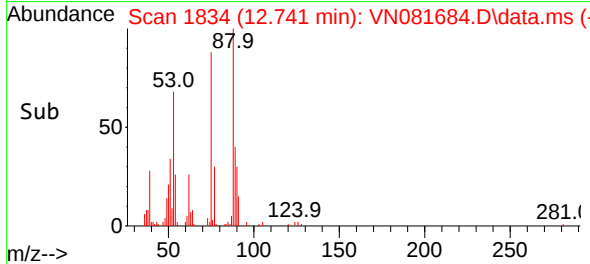
Tgt Ion: 75 Resp: 4152
Ion Ratio Lower Upper
75 100
53 76.8 45.9 137.7
89 45.9 25.9 77.7

Manual Integrations
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Reviewed By :John
Carlone

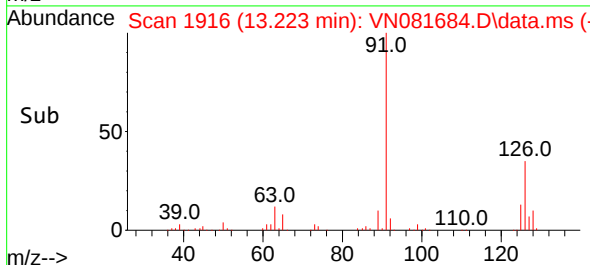
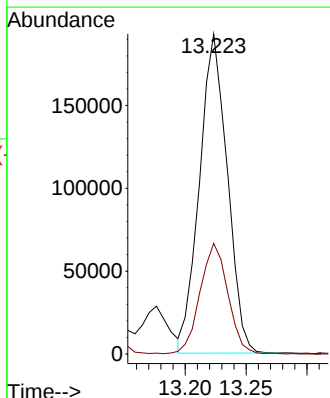
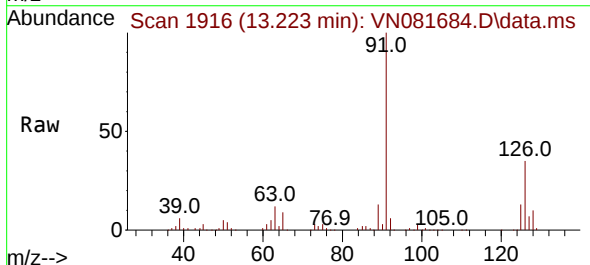
04/11/2024
Supervised By :Mahesh
Dadoda

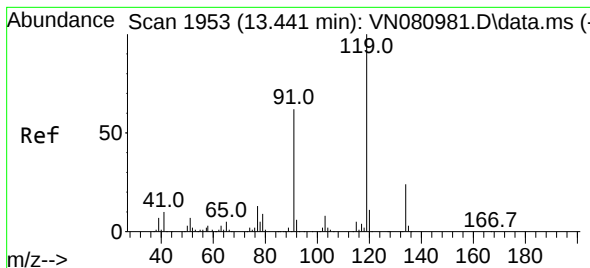
04/11/2024



#78
4-Chlorotoluene
Concen: 20.091 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

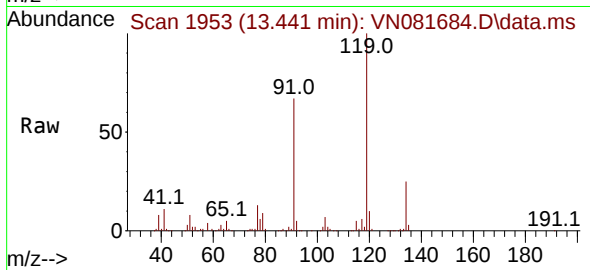
Tgt Ion: 91 Resp: 306427
Ion Ratio Lower Upper
91 100
126 34.6 0.0 62.8





#79
tert-butylbenzene
Concen: 19.740 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



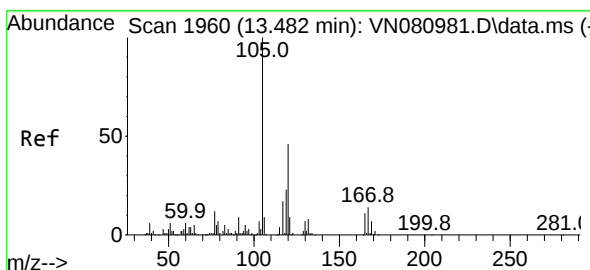
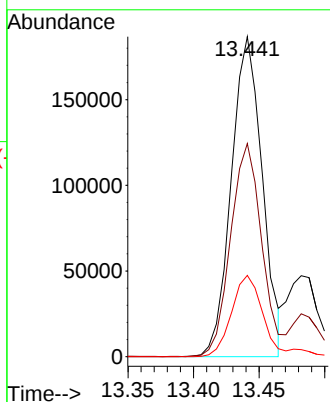
Tgt Ion:119 Resp: 307370
Ion Ratio Lower Upper
119 100
91 67.6 0.0 138.8
134 25.1 0.0 48.6

Manual Integrations
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Reviewed By :John
Carlone

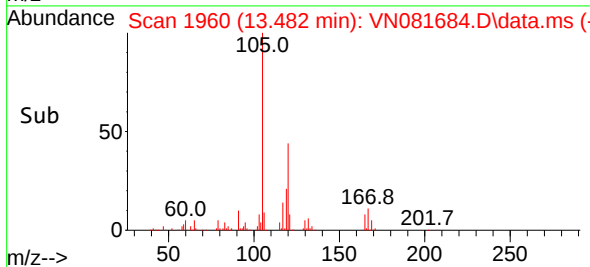
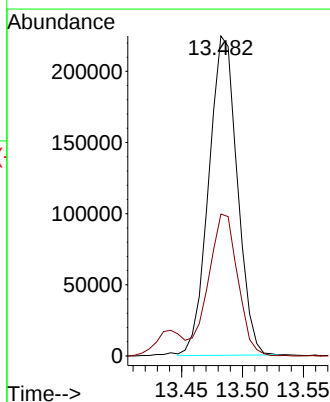
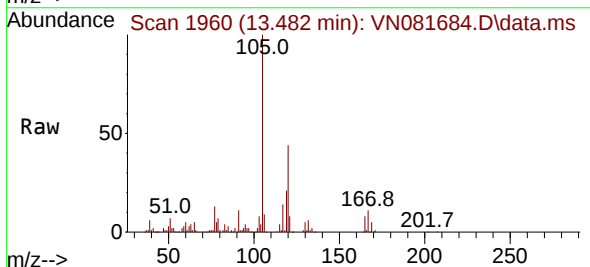
04/11/2024
Supervised By :Mahesh
Dadoda

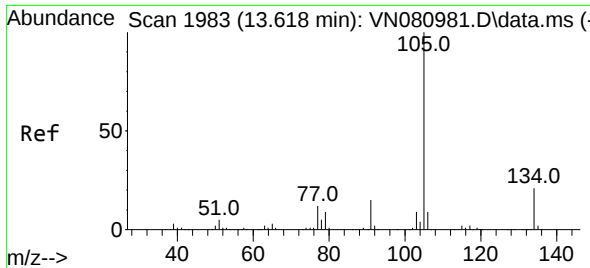
04/11/2024



#80
1,2,4-Trimethylbenzene
Concen: 20.019 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

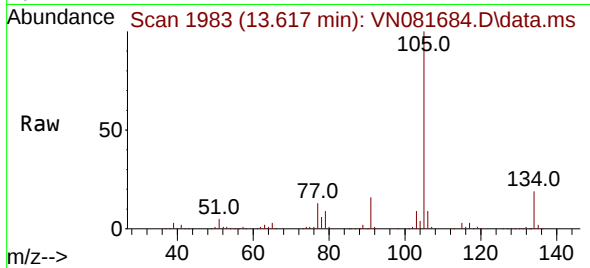
Tgt Ion:105 Resp: 365393
Ion Ratio Lower Upper
105 100
120 46.0 0.0 86.8





#81
 sec-Butylbenzene
 Concen: 19.743 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081684.D
 Acq: 10 Apr 2024 16:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



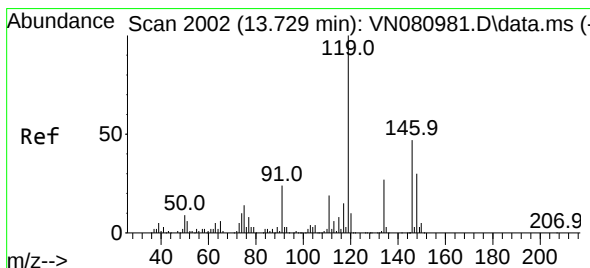
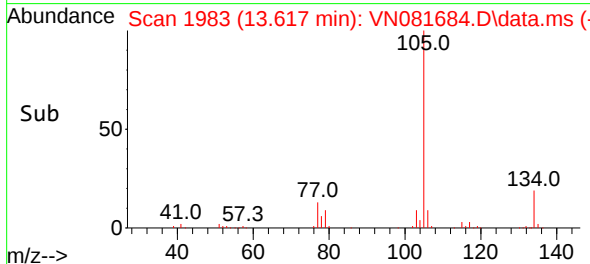
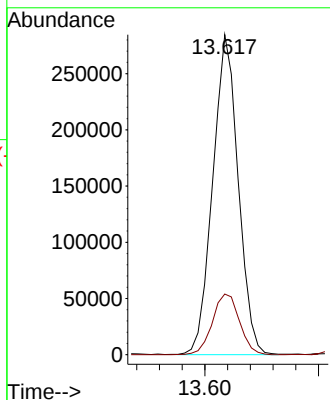
Tgt Ion:105 Resp: 443339
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 39.0

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Reviewed By :John
 Carlone

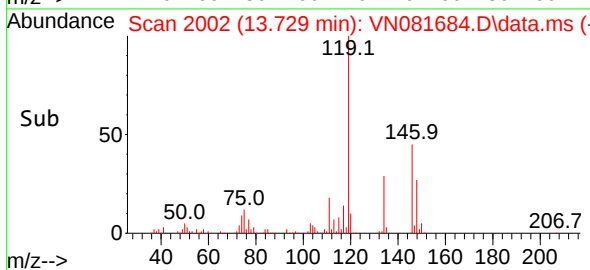
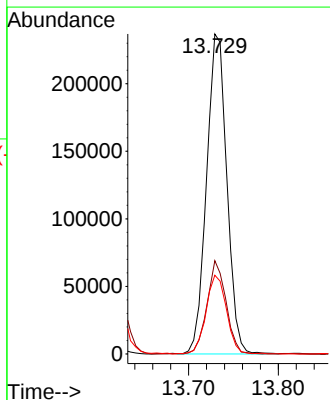
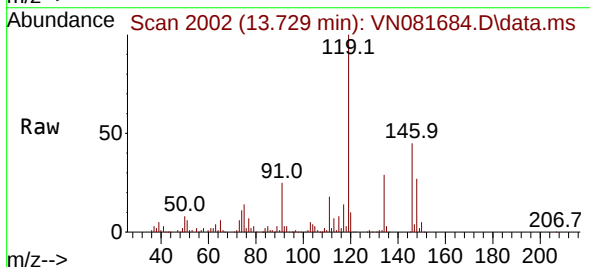
04/11/2024
 Supervised By :Mahesh
 Dadoda

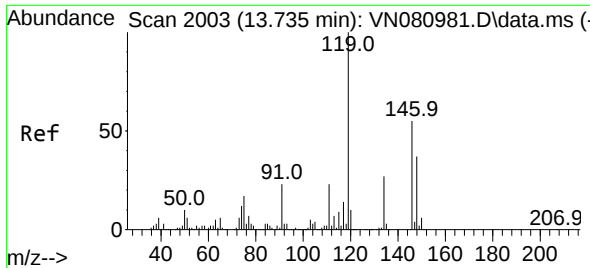
04/11/2024



#82
 p-Isopropyltoluene
 Concen: 19.796 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081684.D
 Acq: 10 Apr 2024 16:02

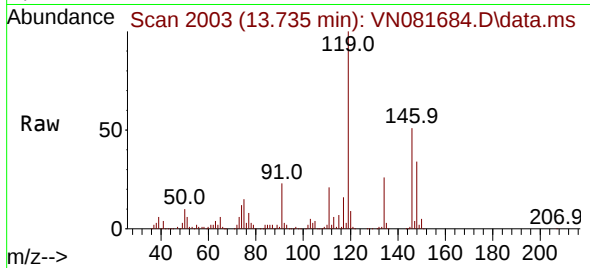
Tgt Ion:119 Resp: 372809
 Ion Ratio Lower Upper
 119 100
 134 27.3 0.0 49.2
 91 24.7 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 19.670 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



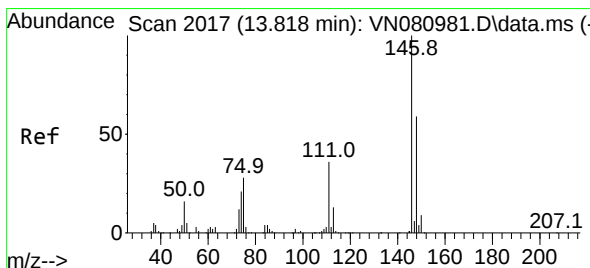
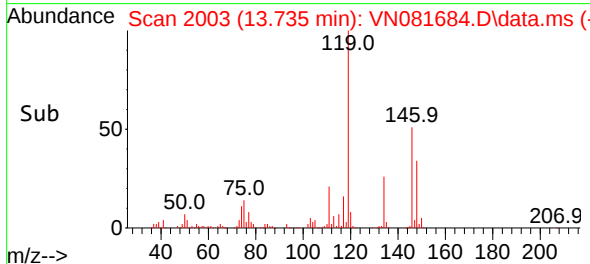
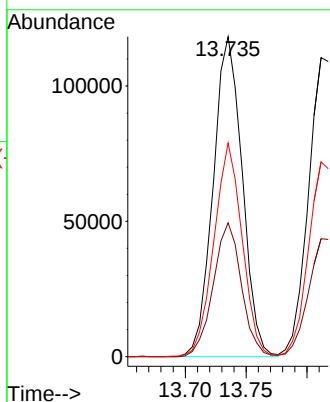
Tgt Ion:146 Resp: 196419
Ion Ratio Lower Upper
146 100
111 40.7 22.4 67.0
148 64.8 32.1 96.5

Manual Integrations
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Reviewed By :John
Carlone

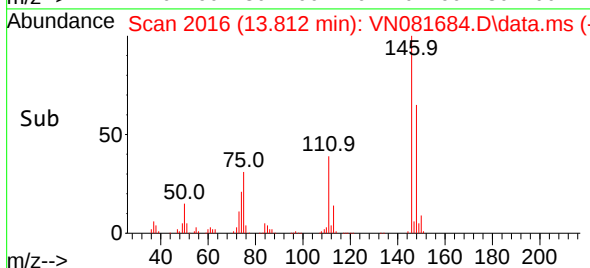
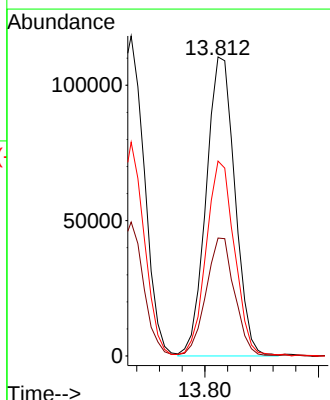
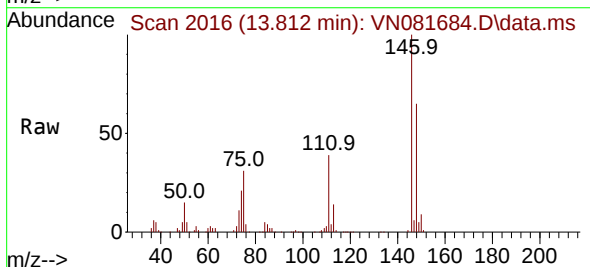
04/11/2024
Supervised By :Mahesh
Dadoda

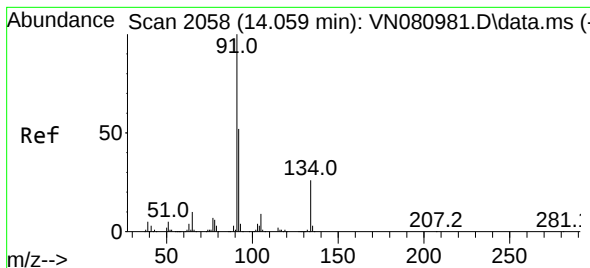
04/11/2024



#84
1,4-Dichlorobenzene
Concen: 20.125 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

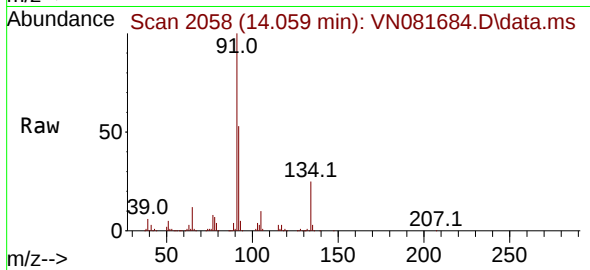
Tgt Ion:146 Resp: 194530
Ion Ratio Lower Upper
146 100
111 39.1 21.3 63.9
148 64.3 31.9 95.5





#85
n-Butylbenzene
Concen: 19.522 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



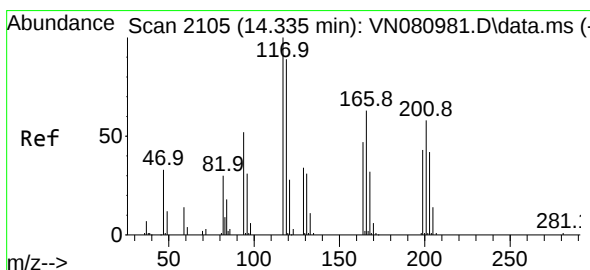
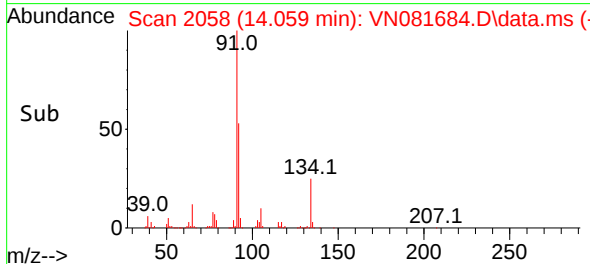
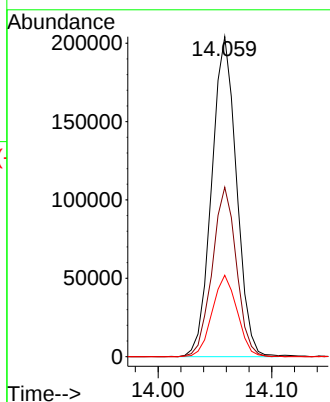
Tgt Ion: 91 Resp: 309685
Ion Ratio Lower Upper
91 100
92 51.7 0.0 105.0
134 25.5 0.0 51.8

Manual Integrations
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Reviewed By :John
Carlone

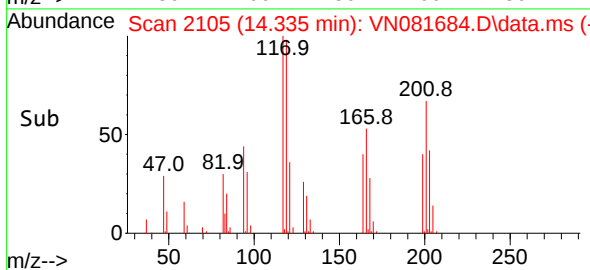
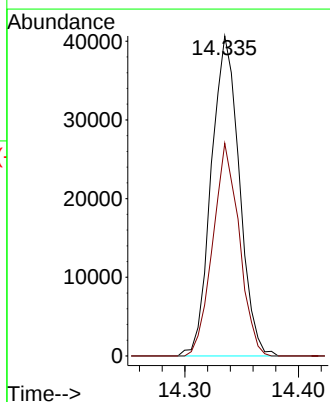
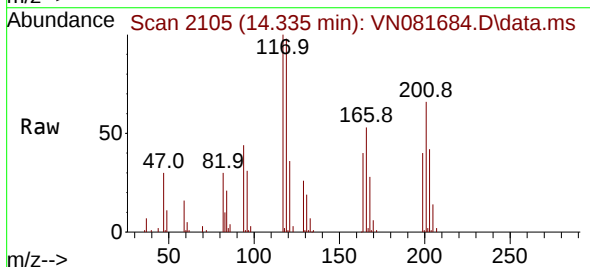
04/11/2024
Supervised By :Mahesh
Dadoda

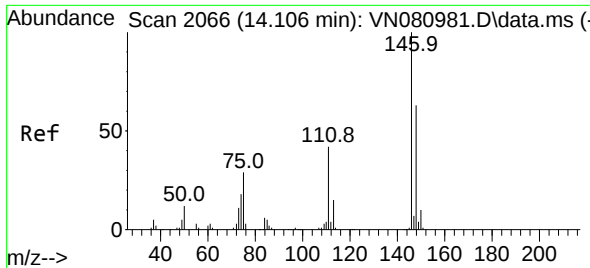
04/11/2024



#86
Hexachloroethane
Concen: 19.390 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

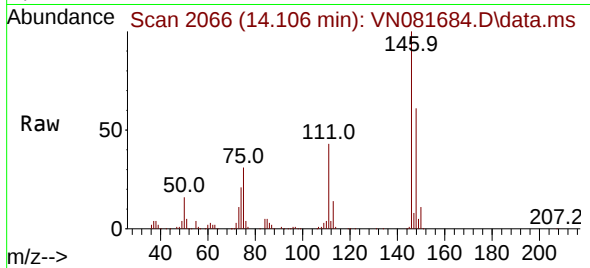
Tgt Ion:117 Resp: 69762
Ion Ratio Lower Upper
117 100
201 62.6 38.0 114.0





#87
1,2-Dichlorobenzene
Concen: 20.144 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



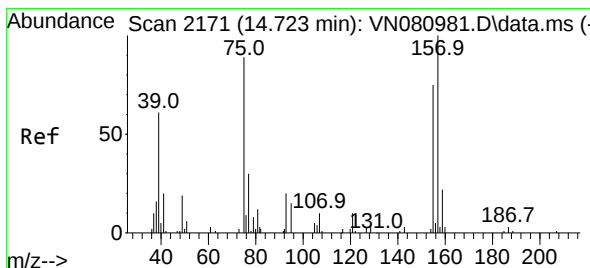
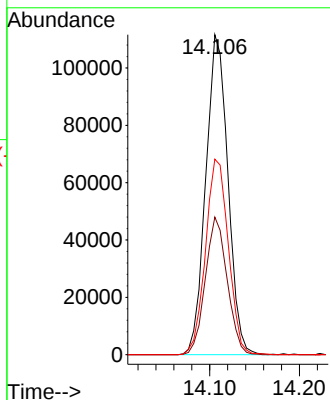
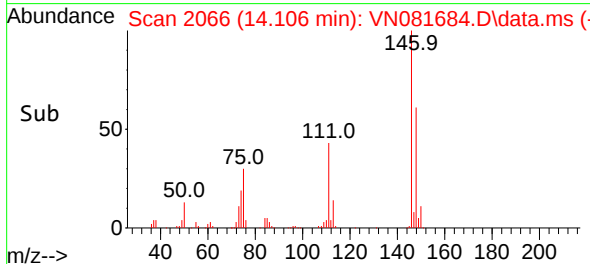
Tgt Ion:146 Resp: 191468
Ion Ratio Lower Upper
146 100
111 42.4 22.6 67.8
148 63.1 31.3 93.8

Manual Integrations
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Reviewed By :John
Carlone

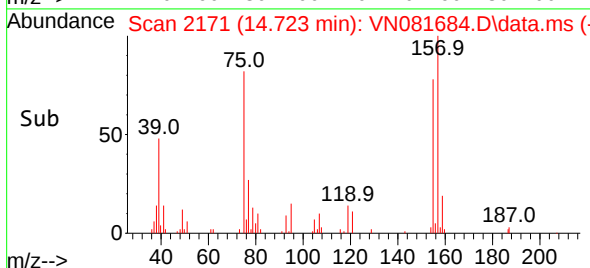
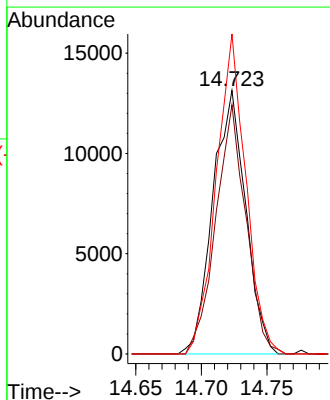
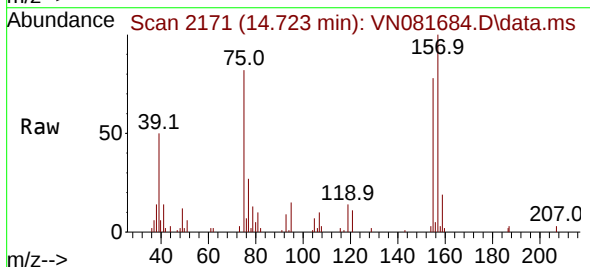
04/11/2024
Supervised By :Mahesh
Dadoda

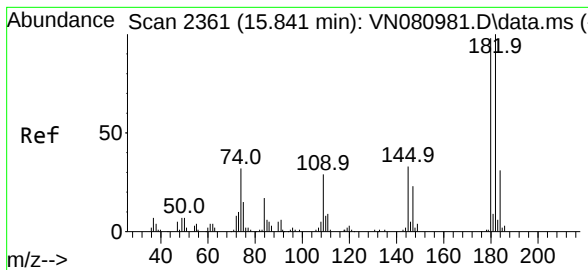
04/11/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.638 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

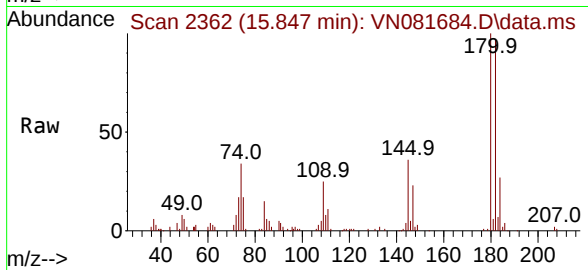
Tgt Ion: 75 Resp: 22886
Ion Ratio Lower Upper
75 100
155 86.6 61.7 92.5
157 109.3 83.6 125.4





#89
1,2,4-Trichlorobenzene
Concen: 19.586 ug/l
RT: 15.847 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



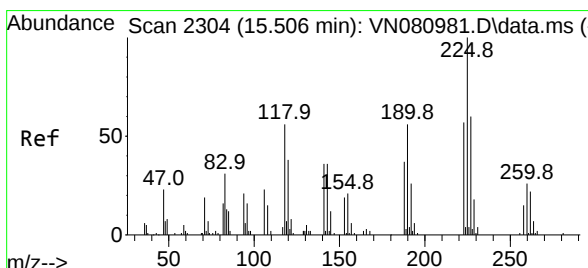
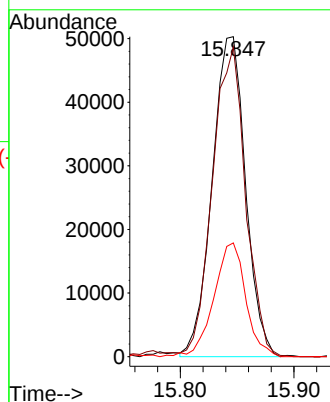
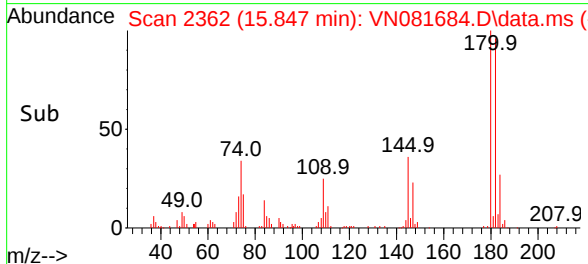
Tgt Ion:180 Resp: 10274
Ion Ratio Lower Upper
180 100
182 95.9 76.4 114.6
145 33.9 28.4 42.6

Manual Integrations
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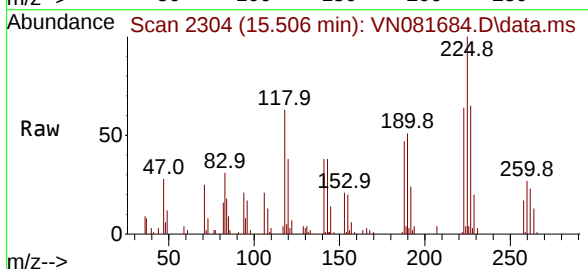
Reviewed By :John
Carlone

04/11/2024
Supervised By :Mahesh
Dadoda

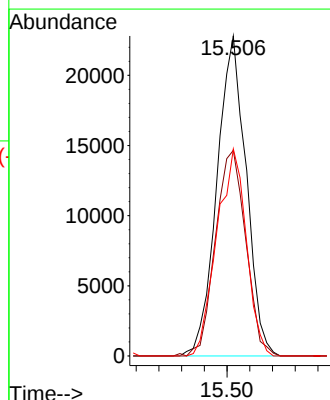
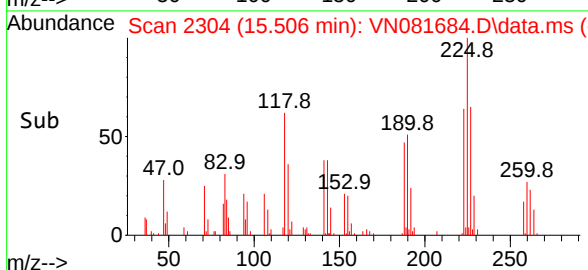
04/11/2024

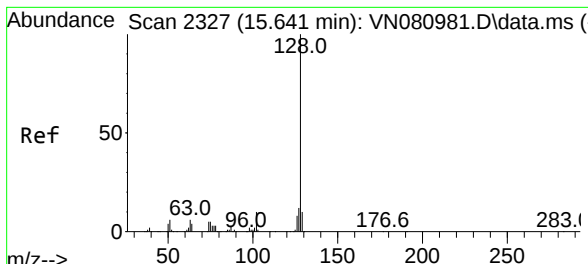


#90
Hexachlorobutadiene
Concen: 19.500 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02



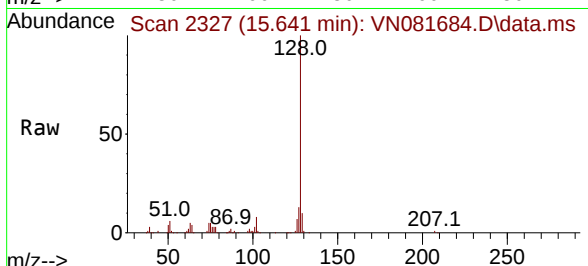
Tgt Ion:225 Resp: 40710
Ion Ratio Lower Upper
225 100
223 66.5 0.0 126.6
227 64.9 0.0 126.6





#91
Naphthalene
Concen: 18.404 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



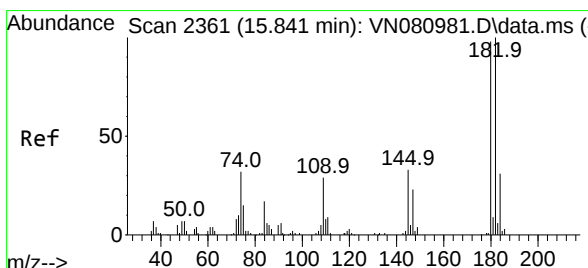
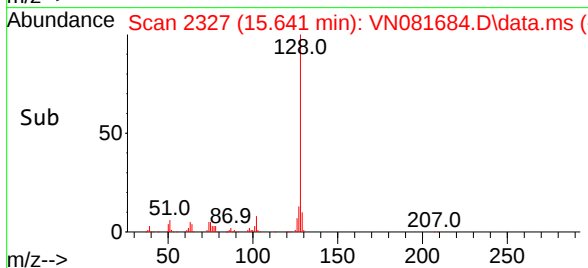
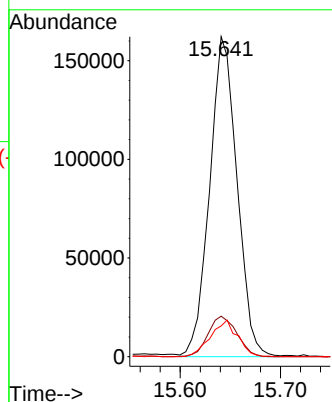
Tgt Ion:128 Resp: 308250
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.3 8.6 13.0

Manual Integrations
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Reviewed By :John
Carlone

04/11/2024
Supervised By :Mahesh
Dadoda

04/11/2024



#92
1,2,3-Trichlorobenzene
Concen: 19.721 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN081684.D
Acq: 10 Apr 2024 16:02

Tgt Ion:180 Resp: 102741
Ion Ratio Lower Upper
180 100
182 95.9 0.0 191.0
145 33.9 0.0 71.0

