

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101723\
 Data File : VN079572.D
 Acq On : 17 Oct 2023 10:33
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/18/2023
 Supervised By : Mahesh Dadoda 10/20/2023

Quant Time: Oct 18 02:01:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 01:58:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	22036	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	162039	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	206985	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	89313	28.507	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	95.033%	
60) 4-Bromofluorobenzene	12.853	95	124266	32.830	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	109.433%	
63) Toluene-d8	10.570	98	259205	29.224	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	97.400%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	279960	87.607	ug/l	99
3) Chloromethane	2.365	50	340781	82.277	ug/l	99
4) Vinyl Chloride	2.518	62	390731	87.410	ug/l	98
5) Bromomethane	2.942	94	221822	80.034	ug/l	97
6) Chloroethane	3.112	64	265977	84.538	ug/l	93
7) Trichlorofluoromethane	3.494	101	480325	88.059	ug/l	97
8) Diethyl Ether	3.959	74	181578	91.850	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	277992	89.079	ug/l	98
10) 1,1-Dichloroethene	4.341	96	268889	90.560	ug/l	93
11) Methyl Iodide	4.594	142	346093	105.280	ug/l	98
12) Methyl Acetate	5.024	43	603484	84.311	ug/l	99
13) Acrolein	4.183	56	267654	452.357	ug/l	98
14) Acrylonitrile	5.724	53	758674	442.603	ug/l	99
15) Acetone	4.424	58	240128	441.178	ug/l	81
16) Carbon Disulfide	4.712	76	804234	88.828	ug/l	98
17) Allyl chloride	5.024	41	413644	90.360	ug/l	99
18) Methylene Chloride	5.283	84	315984	86.462	ug/l	96
19) trans-1,2-Dichloroethene	5.788	96	301367	90.727	ug/l	99
20) Diisopropyl ether	6.677	45	983387	90.596	ug/l	98
21) 1,1-Dichloroethane	6.571	63	584675	88.641	ug/l	98
22) cis-1,2-Dichloroethene	7.488	96	354466	92.648	ug/l	96
23) tert-Butyl Alcohol	5.524	59	219580	382.777	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	908946	91.238	ug/l	100
25) Chloroform	7.971	83	592506	88.900	ug/l	94
26) Cyclohexane	8.259	56	477473	95.761	ug/l #	98
29) 1,1-Dichloropropene	8.371	75	455491	96.190	ug/l	99
30) 2-Butanone	7.488	43	1085428	457.283	ug/l	100
31) 2,2-Dichloropropane	7.494	77	498180	93.308	ug/l	100
32) 1,1,1-Trichloroethane	8.171	97	512678	91.090	ug/l	99
33) Carbon Tetrachloride	8.365	117	448688	93.735	ug/l	95
34) Benzene	8.612	78	1330978	92.511	ug/l	97
35) Methacrylonitrile	7.782	41	223029	89.321	ug/l	98
36) 1,2-Dichloroethane	8.671	62	467734	91.052	ug/l	100
37) Trichloroethene	9.353	130	315434	93.795	ug/l	100
38) Methylcyclohexane	9.606	83	467526	102.545	ug/l	98
39) 1,2-Dichloropropane	9.623	63	352786	92.918	ug/l	100
40) Dibromomethane	9.712	93	229472	92.095	ug/l	98
41) Bromodichloromethane	9.888	83	476701	92.317	ug/l	99
42) Vinyl Acetate	6.606	43	2913055	483.795	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	420272	94.160	ug/l	95
44) Isopropyl Acetate	8.688	43	706136	88.998	ug/l	97
45) 1,4-Dioxane	9.700	88	113582	1828.792	ug/l #	93
46) Methyl methacrylate	9.682	41	333406	94.717	ug/l	93
47) n-amyl Acetate	12.500	43	615816	107.541	ug/l	97
48) t-1,3-Dichloropropene	10.841	75	520516	99.713	ug/l	99
49) cis-1,3-Dichloropropene	10.318	75	556438	97.481	ug/l	98
50) 1,1,2-Trichloroethane	11.023	97	317303	91.795	ug/l	97
51) Ethyl methacrylate	10.876	69	490476	102.845	ug/l	98
52) 1,3-Dichloropropane	11.165	76	564506	92.184	ug/l	99
53) Dibromochloromethane	11.365	129	341343	96.621	ug/l	100
54) 1,2-Dibromoethane	11.470	107	317855	93.208	ug/l	97
55) 2-Chloroethyl vinyl ether	10.165	63	1232119	677.152	ug/l	99
56) Bromoform	12.582	173	233842	100.056	ug/l	98
58) 4-Methyl-2-Pentanone	10.447	43	2187994	453.203	ug/l	99
59) 2-Hexanone	11.200	43	1635092	461.648	ug/l	98
61) Tetrachloroethene	11.106	164	255958	90.066	ug/l	98
62) Toluene	10.635	91	1447496	91.504	ug/l	99
64) Chlorobenzene	11.894	112	848746	92.509	ug/l	93
65) 1,1,1,2-Tetrachloroethane	11.965	131	318802	91.219	ug/l	98
66) Ethyl Benzene	11.965	91	1647406	101.075	ug/l	100
67) m/p-Xylenes	12.076	106	1223070	202.885	ug/l	96
68) o-Xylene	12.400	106	589814	102.344	ug/l	100
69) Styrene	12.417	104	988015	107.993	ug/l	99
70) Isopropylbenzene	12.700	105	1528509	103.349	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	469399	89.260	ug/l	100
72) 1,2,3-Trichloropropane	12.994	75	474640m	93.677	ug/l	
73) Bromobenzene	12.982	156	345697	99.501	ug/l	100
74) n-propylbenzene	13.041	91	1837955	106.743	ug/l	99
75) 2-Chlorotoluene	13.129	91	1076582	100.573	ug/l	100
76) 1,3,5-Trimethylbenzene	13.176	105	1256082	103.891	ug/l	98
77) t-1,4-Dichloro-2-butene	12.741	75	152612	104.705	ug/l	95
78) 4-Chlorotoluene	13.223	91	1079859	106.769	ug/l	100
79) tert-butylbenzene	13.441	119	1004183	103.302	ug/l	99
80) 1,2,4-Trimethylbenzene	13.488	105	1256832	107.283	ug/l	100
81) sec-Butylbenzene	13.617	105	1451762	106.383	ug/l	99
82) p-Isopropyltoluene	13.735	119	1209514	111.733	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	628686	110.044	ug/l	99
84) 1,4-Dichlorobenzene	13.817	146	611977	111.737	ug/l	99
85) n-Butylbenzene	14.059	91	1037480	122.665	ug/l	97
86) Hexachloroethane	14.335	117	230677	98.570	ug/l	98
87) 1,2-Dichlorobenzene	14.111	146	600741	105.792	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	77561	96.793	ug/l	95
89) 1,2,4-Trichlorobenzene	15.847	180	233366	116.595	ug/l	98
90) Hexachlorobutadiene	15.505	225	135549	95.610	ug/l	99
91) Naphthalene	15.647	128	658325	127.508	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	233366	116.595	ug/l	98

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

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VSTDICC100

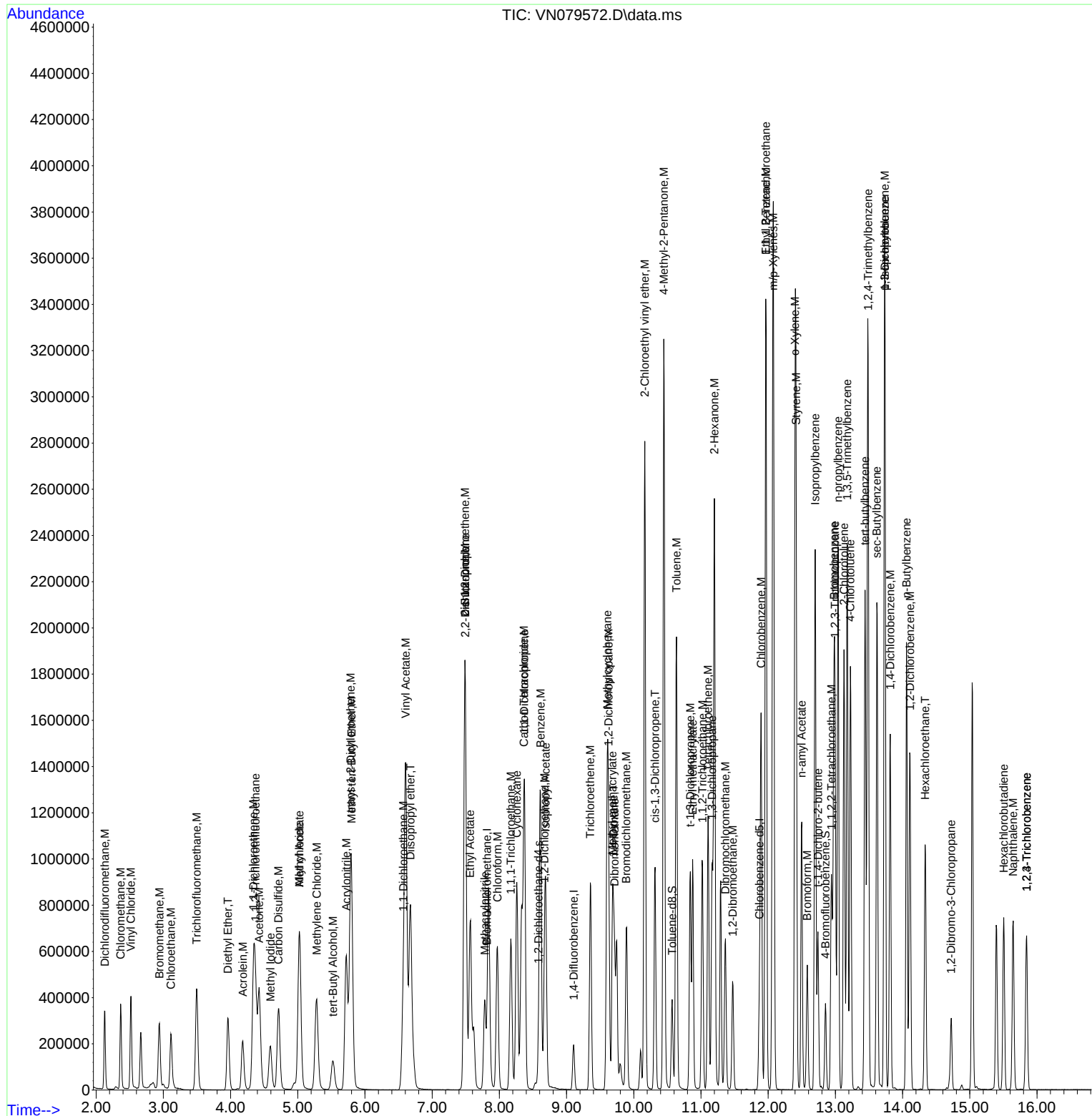
Manual Integrations

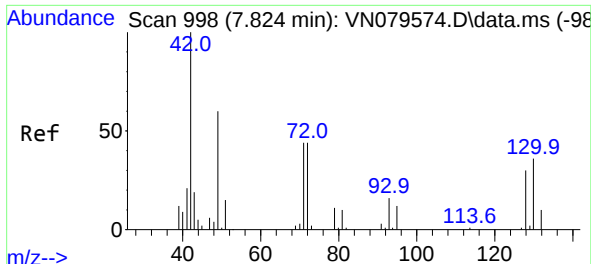
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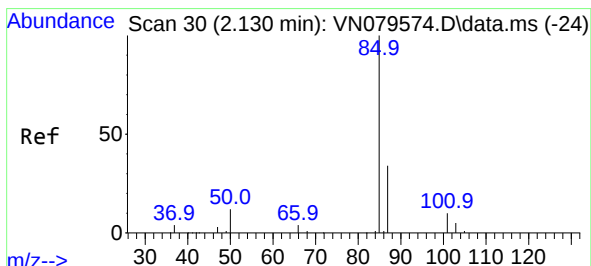
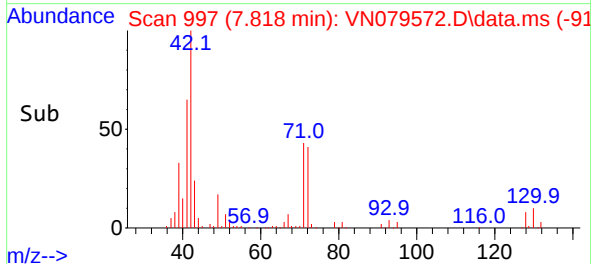
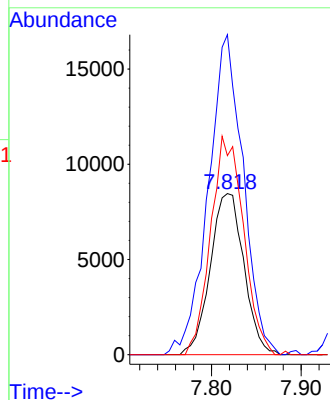
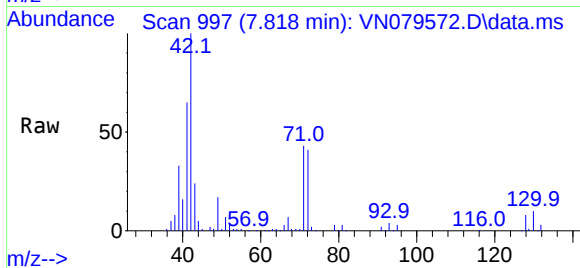
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 22030
Ion Ratio Lower Upper
128 100
49 205.3 0.0 468.5
130 132.5 0.0 320.7

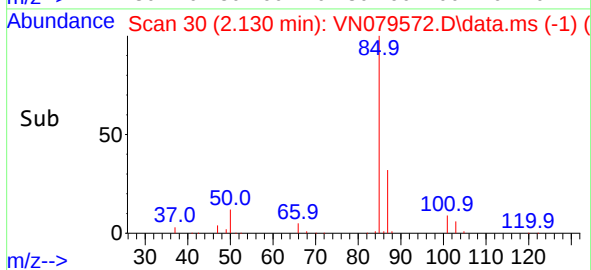
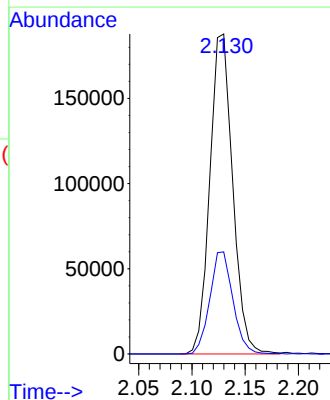
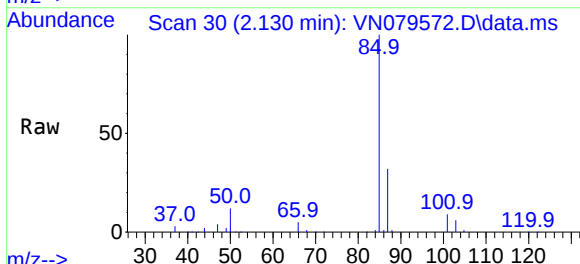
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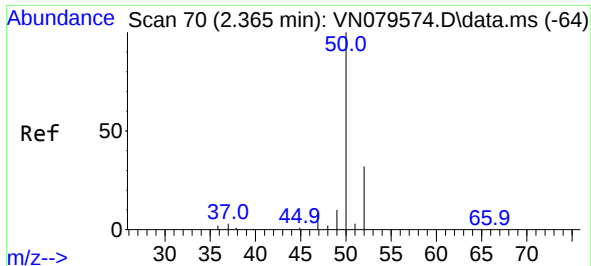
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#2
Dichlorodifluoromethane
Concen: 87.607 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

Tgt Ion: 85 Resp: 279960
Ion Ratio Lower Upper
85 100
87 31.9 15.6 46.7





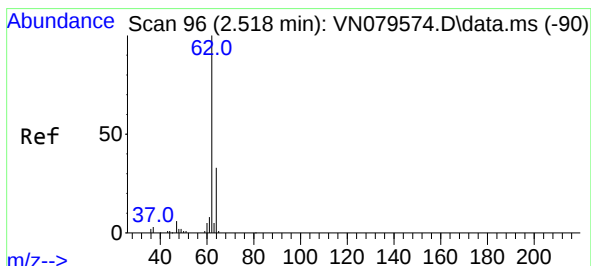
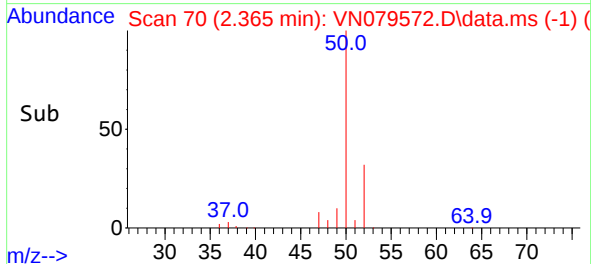
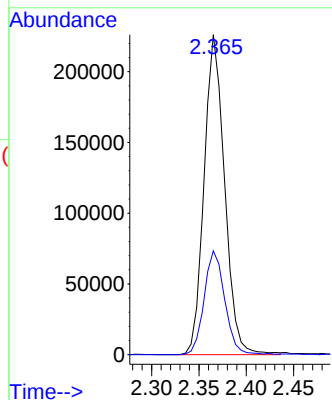
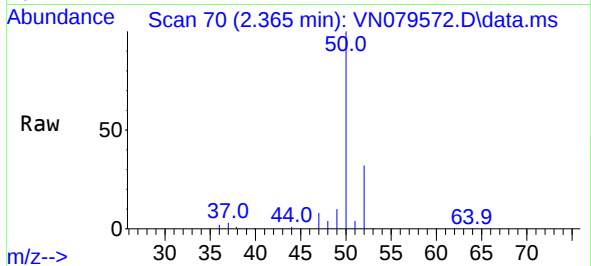
#3
Chloromethane
Concen: 82.277 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079572.D
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Tgt Ion: 50 Resp: 34078
Ion Ratio Lower Upper
50 100
52 32.5 25.6 38.4

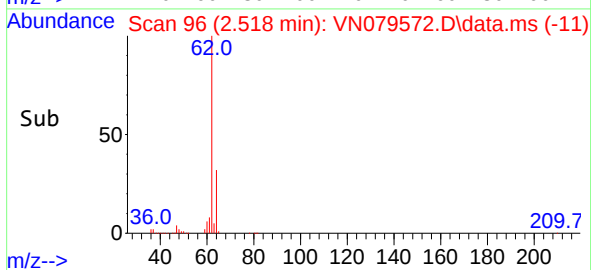
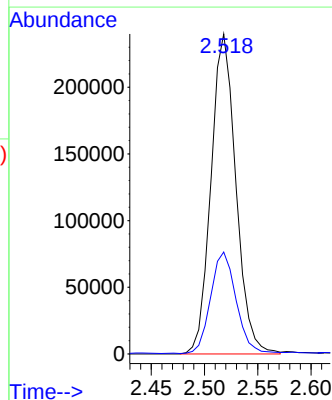
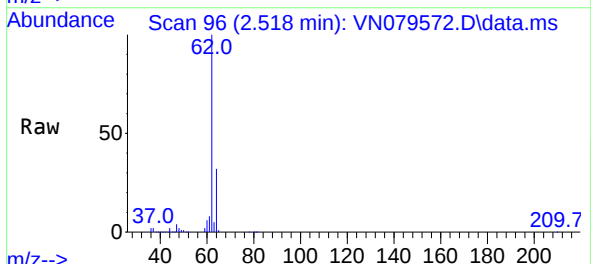
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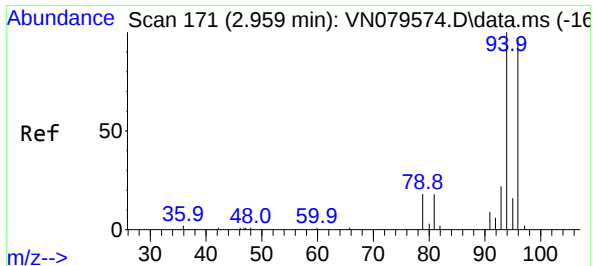
Reviewed By :John Carlone 10/18/2023
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#4
Vinyl Chloride
Concen: 87.410 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

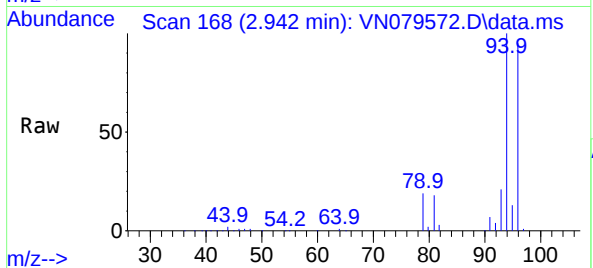
Tgt Ion: 62 Resp: 390731
Ion Ratio Lower Upper
62 100
64 31.7 26.4 39.6





#5
Bromomethane
Concen: 80.034 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

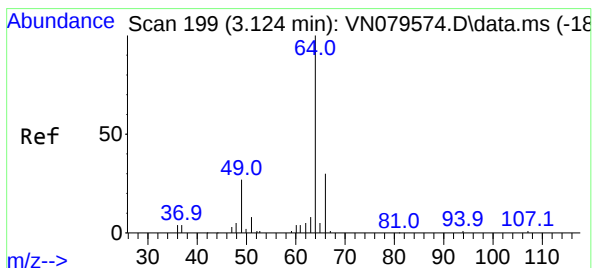
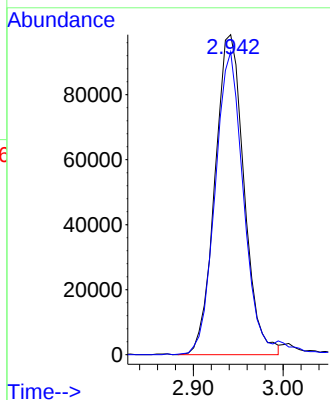
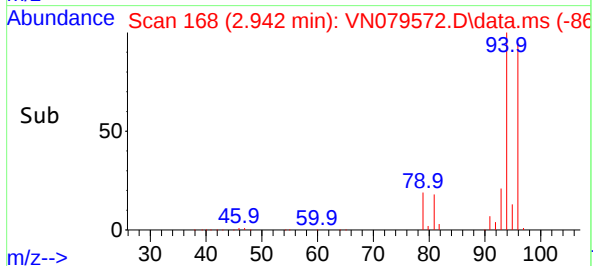
Instrument :
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Tgt Ion: 94 Resp: 22182
Ion Ratio Lower Upper
94 100
96 94.4 77.8 116.6

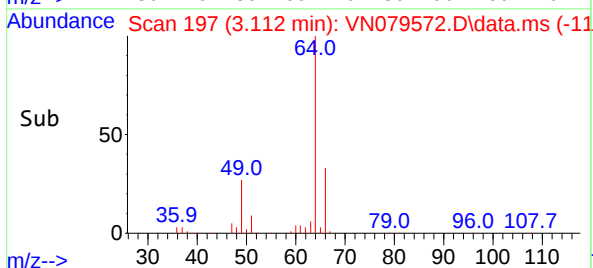
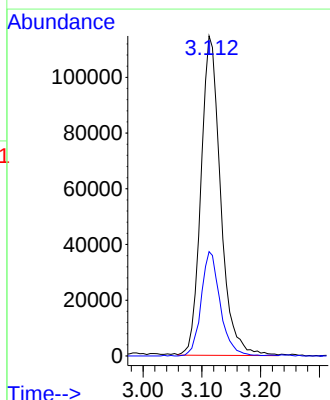
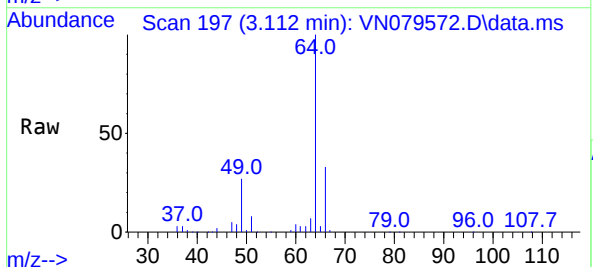
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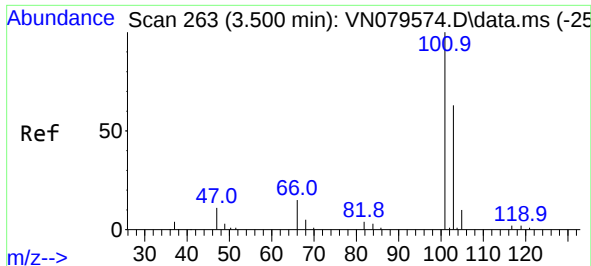
Reviewed By :John Carlone 10/18/2023
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#6
Chloroethane
Concen: 84.538 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.012 min
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Tgt Ion: 64 Resp: 265977
Ion Ratio Lower Upper
64 100
66 32.7 23.3 34.9





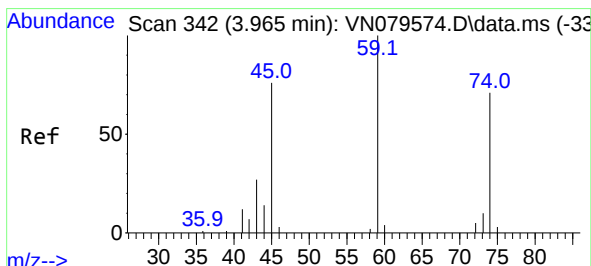
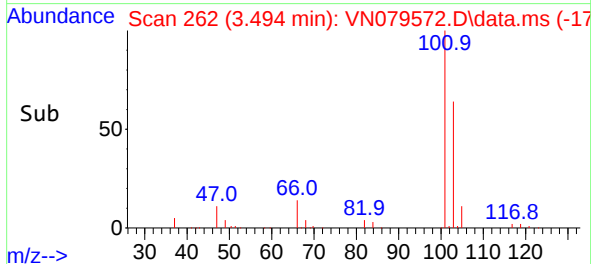
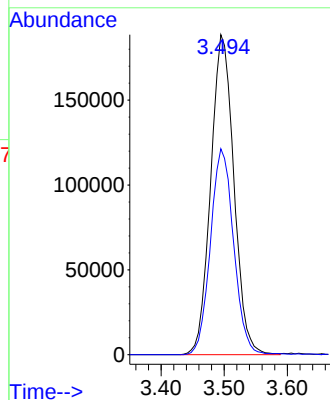
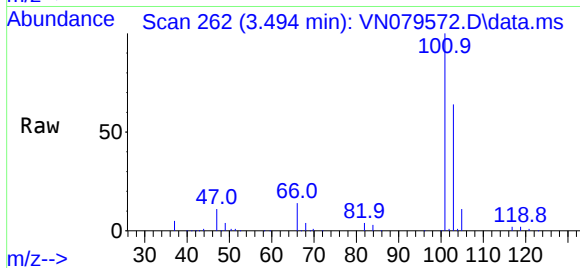
#7
Trichlorofluoromethane
Concen: 88.059 ug/l
RT: 3.494 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

Instrument :
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ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 48032
Ion Ratio Lower Upper
101 100
103 64.4 49.9 74.9

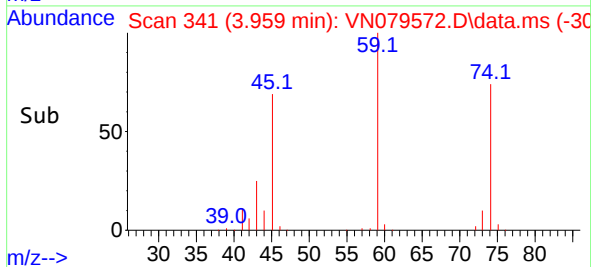
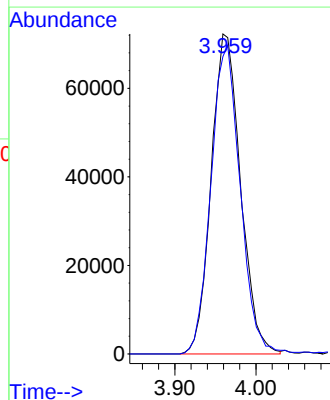
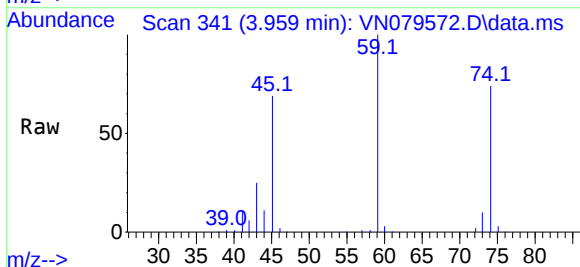
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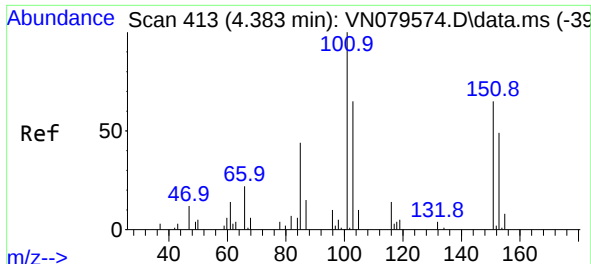
Reviewed By :John Carlone 10/18/2023
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#8
Diethyl Ether
Concen: 91.850 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

Tgt Ion: 74 Resp: 181578
Ion Ratio Lower Upper
74 100
45 95.9 19.0 171.0





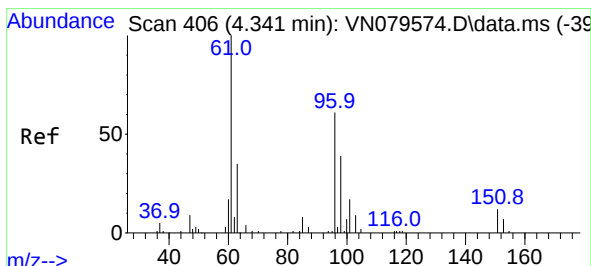
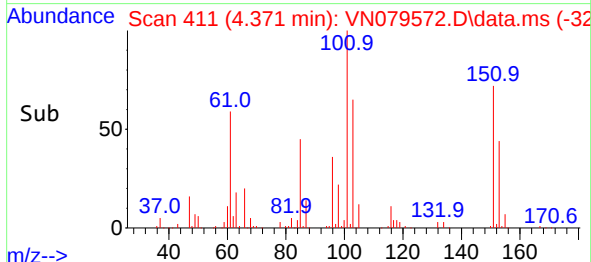
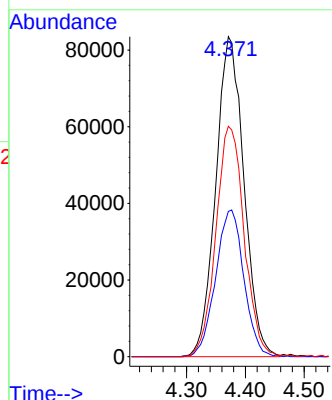
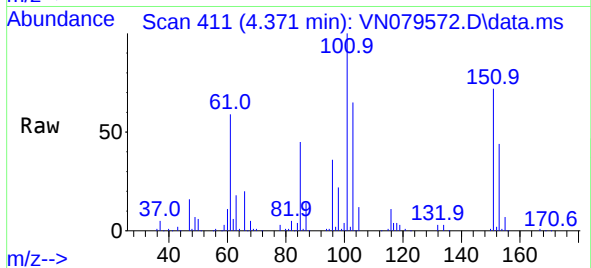
#9
1,1,2-Trichlorotrifluoroethane
Concen: 89.079 ug/l
RT: 4.371 min Scan# 413
Delta R.T. -0.012 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 277992
Ion Ratio Lower Upper
101 100
85 46.0 0.0 92.0
151 72.1 0.0 138.4

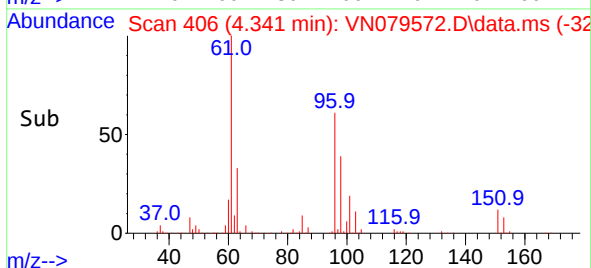
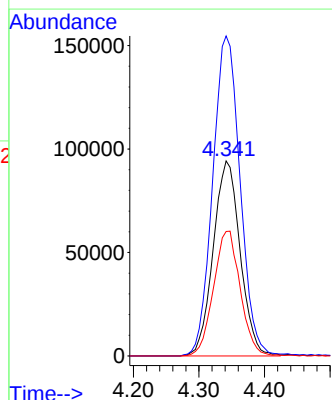
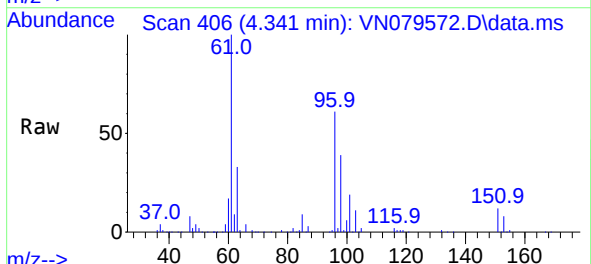
Manual Integrations
APPROVED

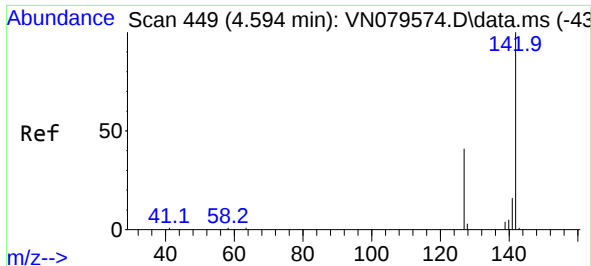
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#10
1,1-Dichloroethene
Concen: 90.560 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

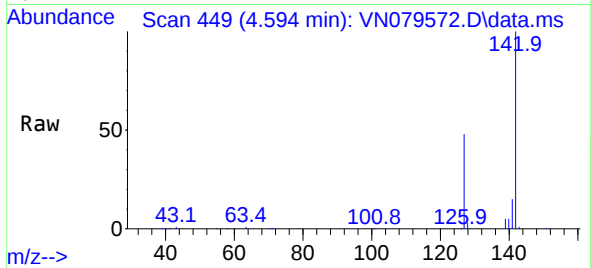
Tgt Ion: 96 Resp: 268889
Ion Ratio Lower Upper
96 100
61 164.0 141.3 211.9
98 63.8 53.2 79.8





#11
Methyl Iodide
Concen: 105.280 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

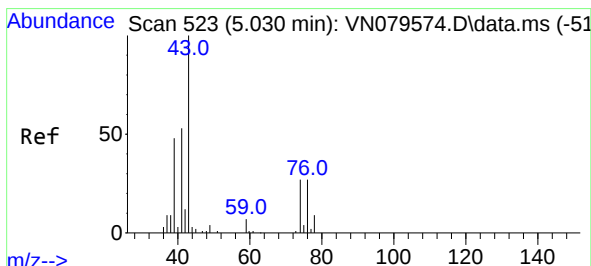
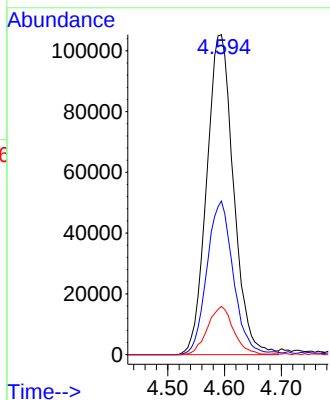
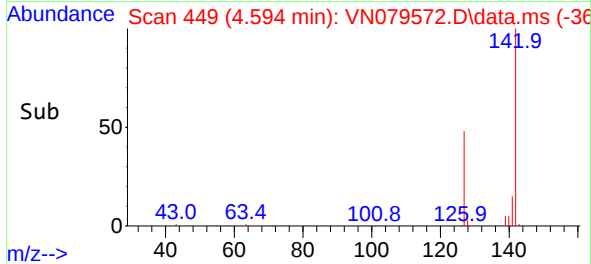
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



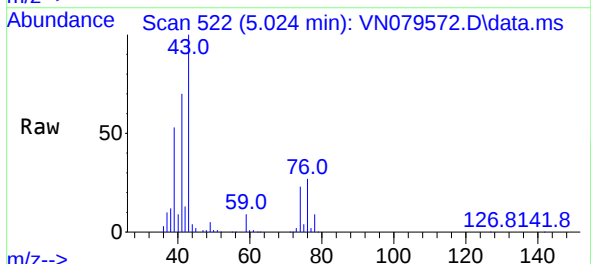
Tgt Ion:142 Resp: 346093
Ion Ratio Lower Upper
142 100
127 47.9 24.6 73.8
141 15.1 7.7 23.1

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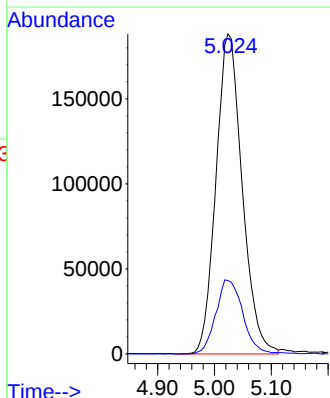
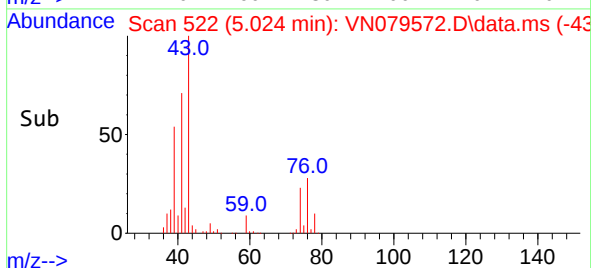
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

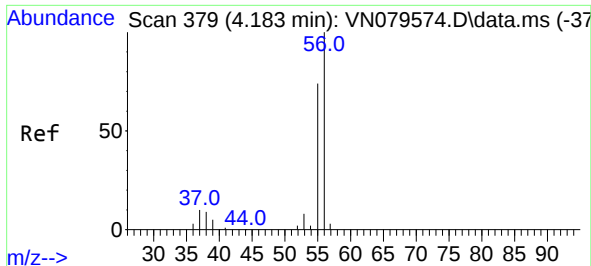


#12
Methyl Acetate
Concen: 84.311 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33



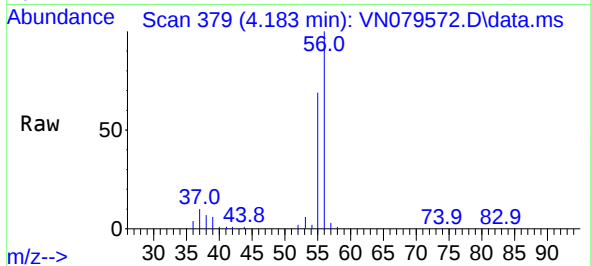
Tgt Ion: 43 Resp: 603484
Ion Ratio Lower Upper
43 100
74 22.9 18.1 27.1





#13
Acrolein
Concen: 452.357 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

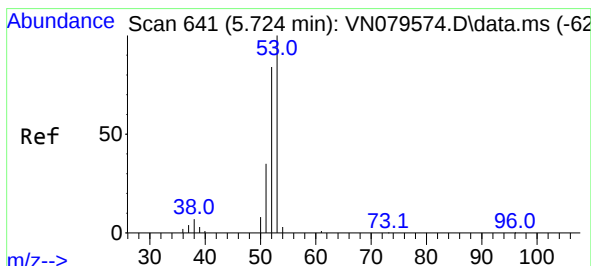
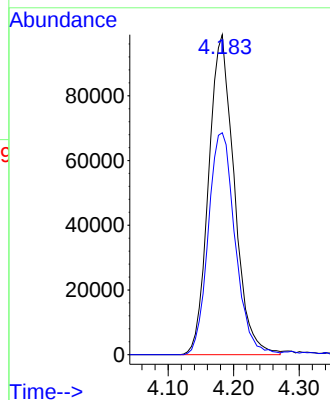
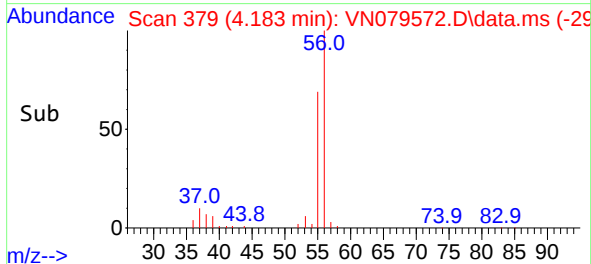
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



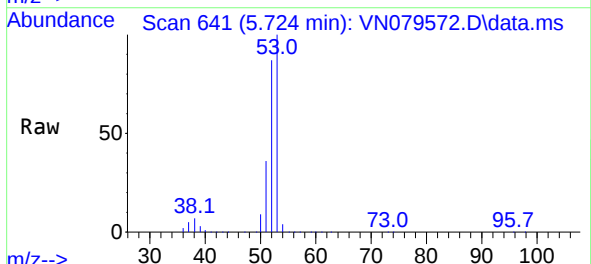
Tgt Ion: 56 Resp: 267654
Ion Ratio Lower Upper
56 100
55 72.8 57.1 85.7

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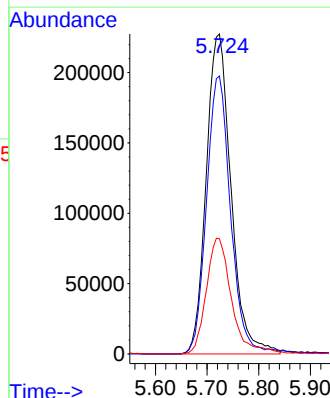
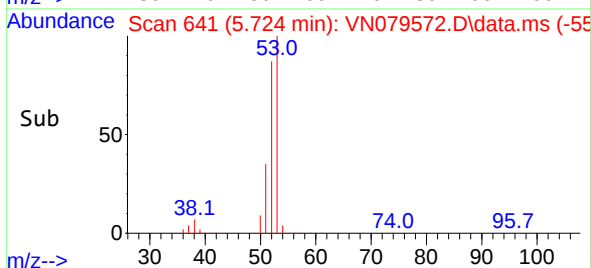
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

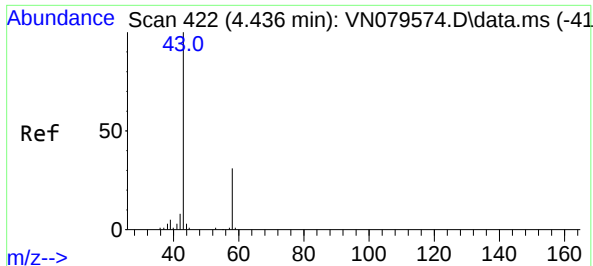


#14
Acrylonitrile
Concen: 442.603 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33



Tgt Ion: 53 Resp: 758674
Ion Ratio Lower Upper
53 100
52 83.5 41.6 124.9
51 36.8 17.8 53.3





#15

Acetone

Concen: 441.178 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.012 min

Lab File: VN079572.D

Acq: 17 Oct 2023 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 58 Resp: 240128

Ion Ratio Lower Upper

58 100

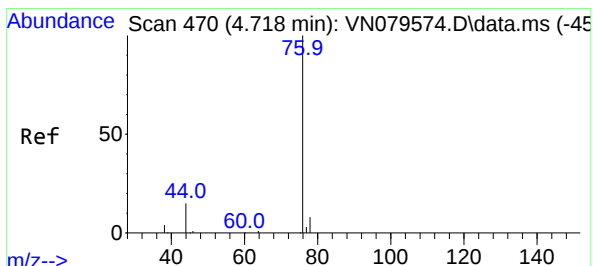
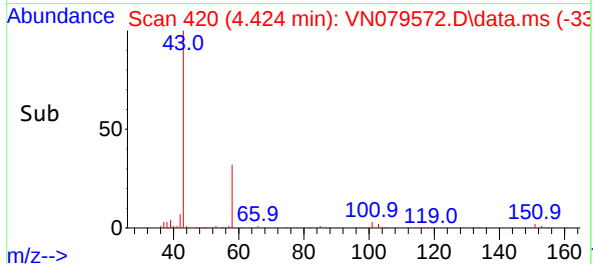
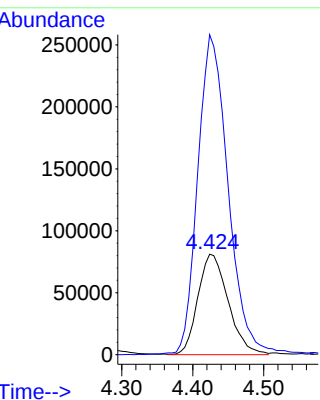
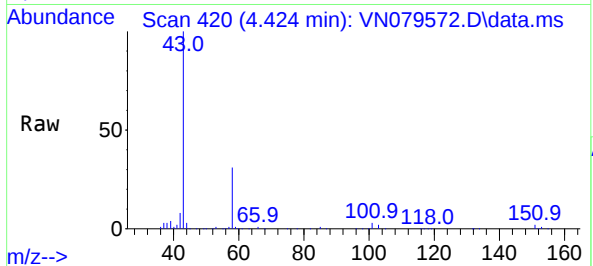
43 317.8 225.2 337.8

Manual Integrations

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Reviewed By :John Carlone 10/18/2023

Supervised By :Mahesh Dadoda 10/20/2023



#16

Carbon Disulfide

Concen: 88.828 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.006 min

Lab File: VN079572.D

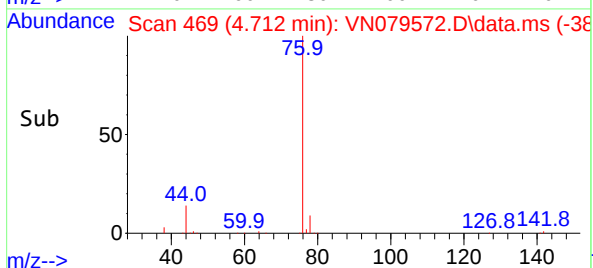
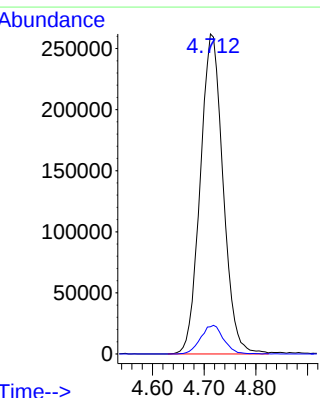
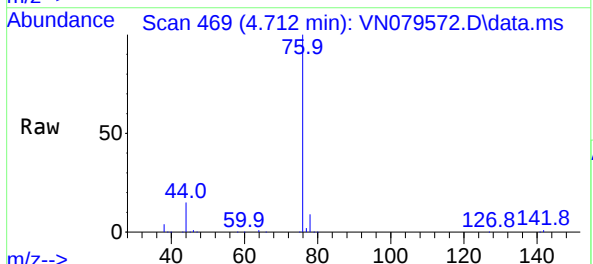
Acq: 17 Oct 2023 10:33

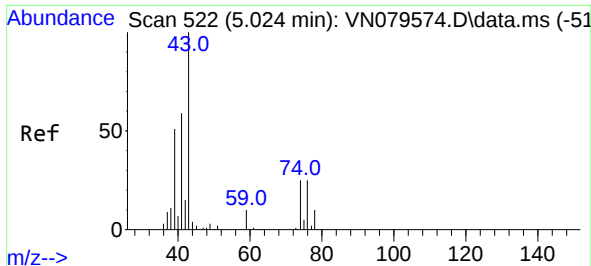
Tgt Ion: 76 Resp: 804234

Ion Ratio Lower Upper

76 100

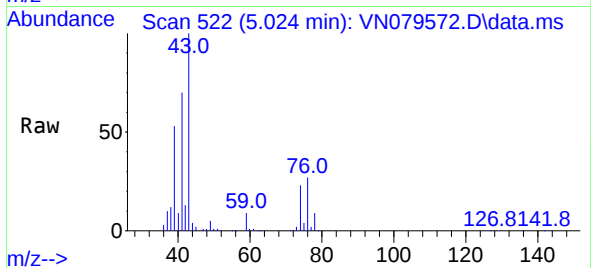
78 8.5 7.5 11.3





#17
Allyl chloride
Concen: 90.360 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

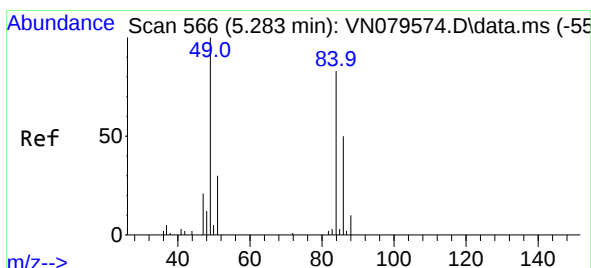
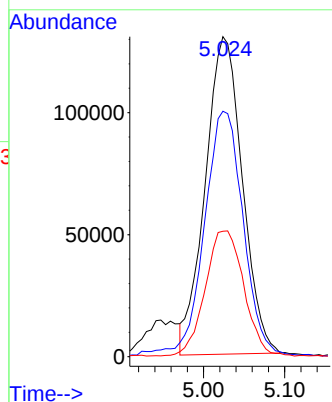
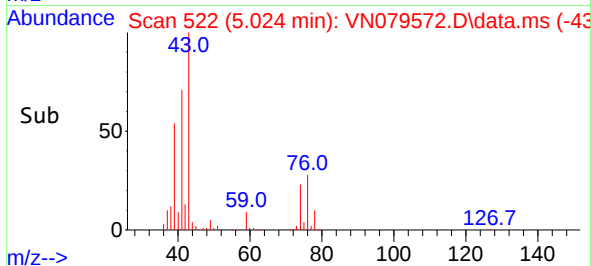
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



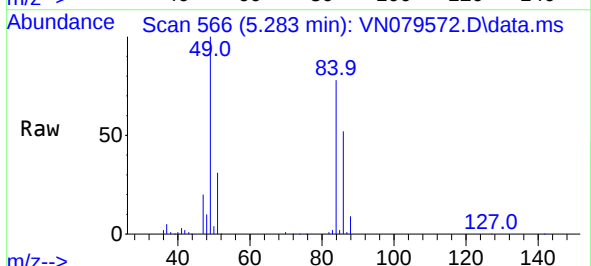
Tgt Ion: 41 Resp: 413644
Ion Ratio Lower Upper
41 100
39 76.0 38.4 115.2
76 38.7 19.5 58.5

Manual Integrations
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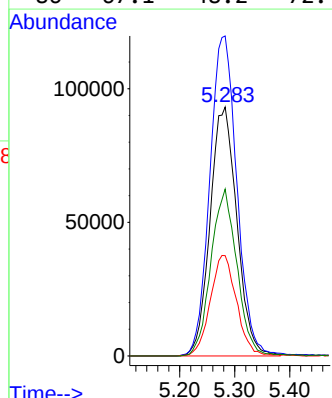
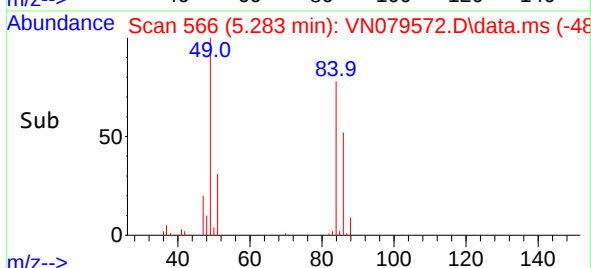
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

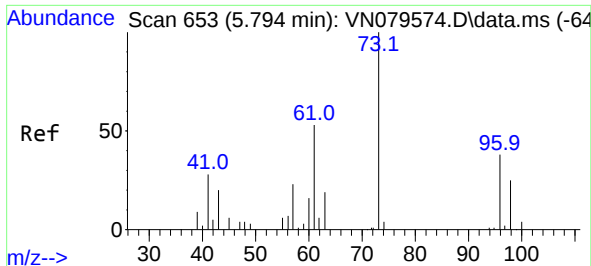


#18
Methylene Chloride
Concen: 86.462 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33



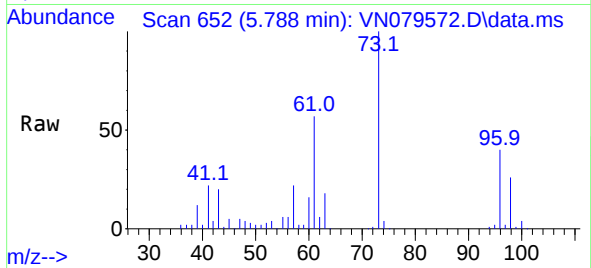
Tgt Ion: 84 Resp: 315984
Ion Ratio Lower Upper
84 100
49 128.3 100.9 151.3
51 40.1 29.4 44.2
86 67.1 48.2 72.4





#19
trans-1,2-Dichloroethene
Concen: 90.727 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

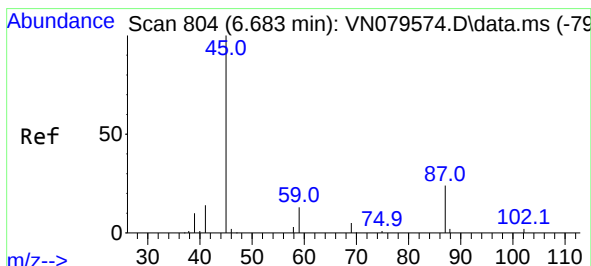
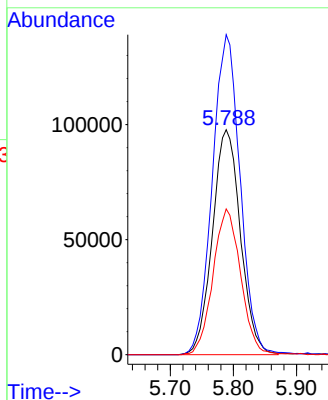
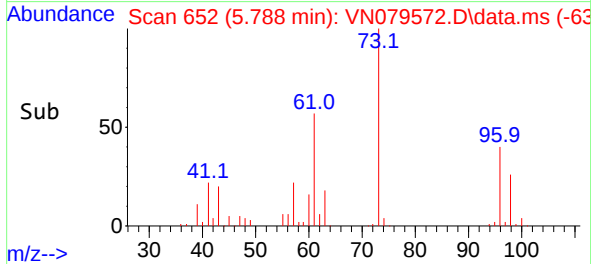
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



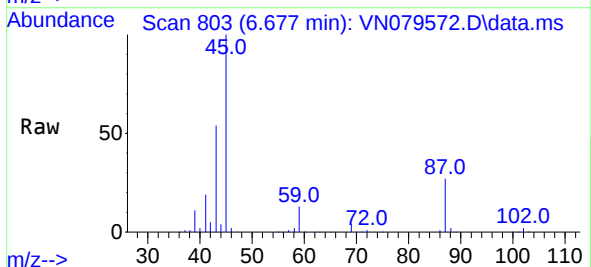
Tgt Ion: 96 Resp: 30136
Ion Ratio Lower Upper
96 100
61 142.2 113.4 170.0
98 64.8 50.4 75.6

Manual Integrations
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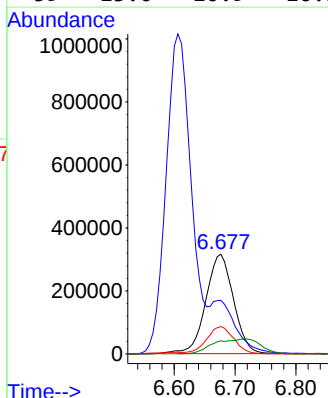
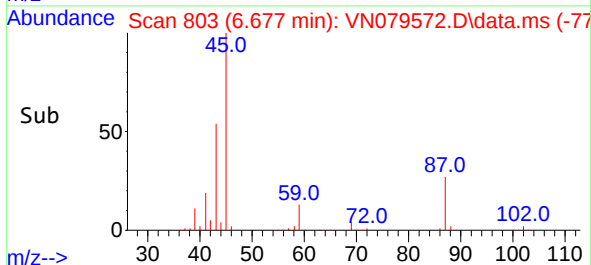
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

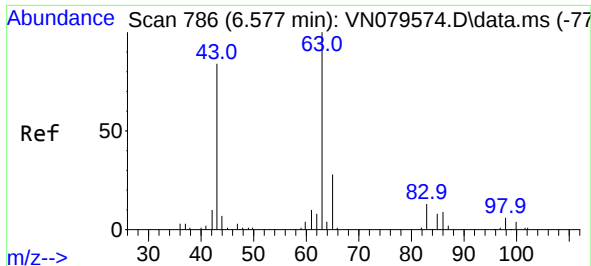


#20
Diisopropyl ether
Concen: 90.596 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33



Tgt Ion: 45 Resp: 983387
Ion Ratio Lower Upper
45 100
43 52.9 42.1 63.1
87 27.4 20.5 30.7
59 13.0 10.9 16.3





#21
1,1-Dichloroethane
Concen: 88.641 ug/l
RT: 6.571 min Scan# 785
Delta R.T. -0.006 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

Instrument :

MSVOA_N

ClientSampleId :

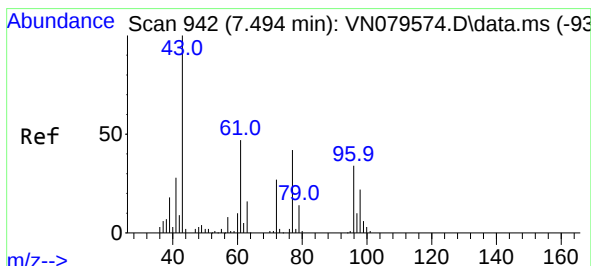
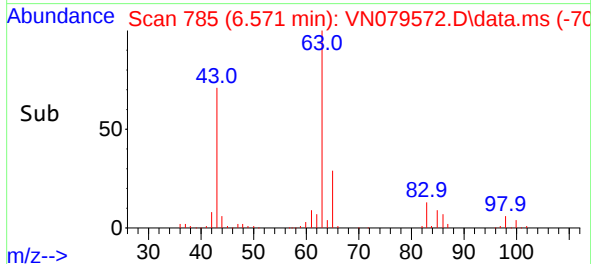
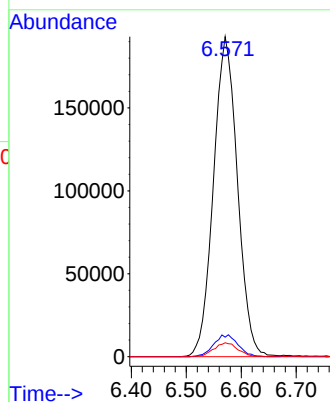
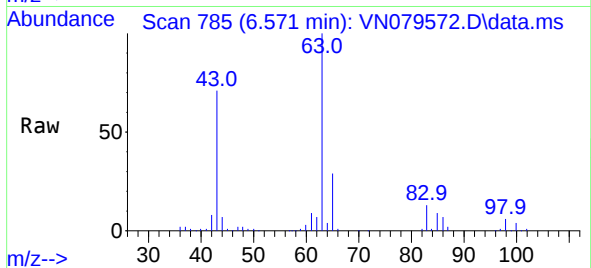
VSTDICC100

Tgt Ion: 63 Resp: 58467
Ion Ratio Lower Upper
63 100
98 6.1 2.8 8.4
100 4.3 1.9 5.7

Manual Integrations

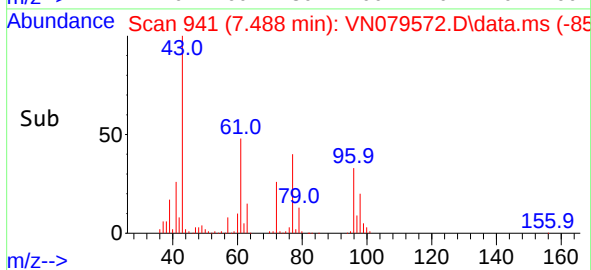
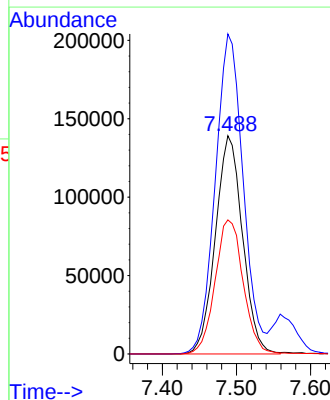
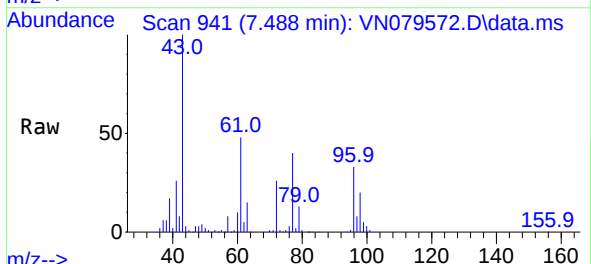
APPROVED

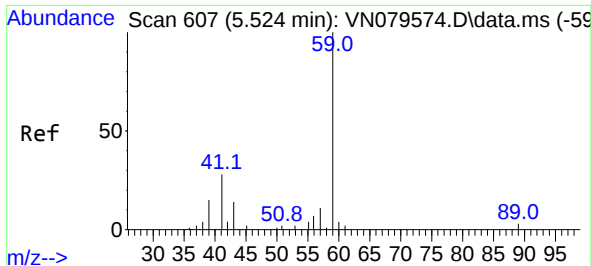
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#22
cis-1,2-Dichloroethene
Concen: 92.648 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

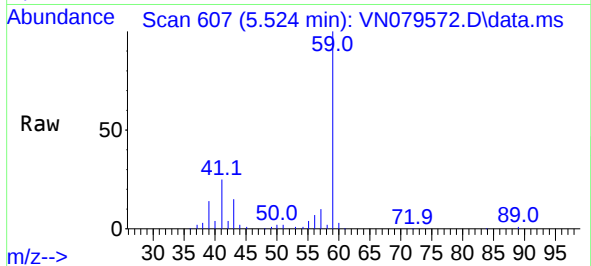
Tgt Ion: 96 Resp: 354466
Ion Ratio Lower Upper
96 100
61 150.8 124.6 186.8
98 63.6 54.2 81.4





#23
tert-Butyl Alcohol
Concen: 382.777 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

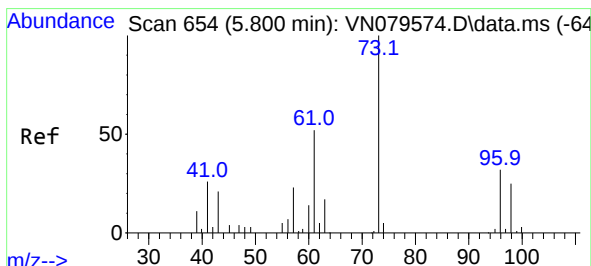
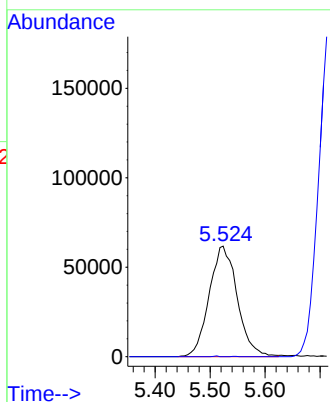
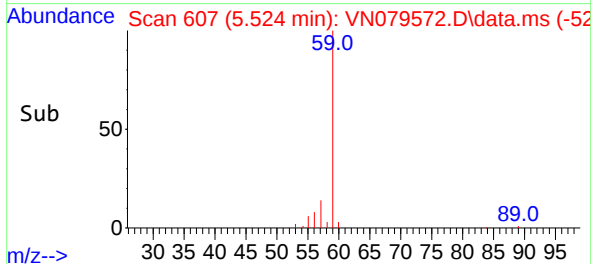
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



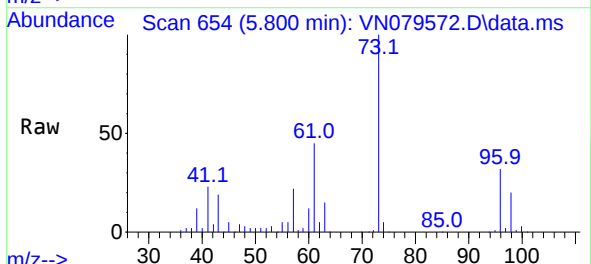
Tgt Ion: 59 Resp: 219580
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

Manual Integrations
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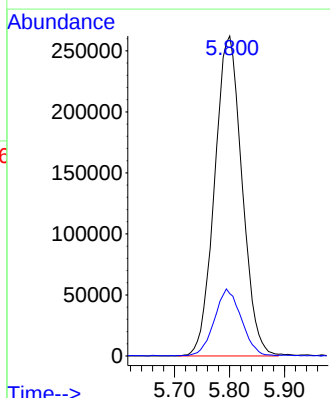
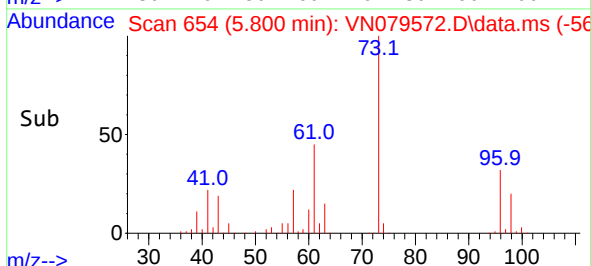
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

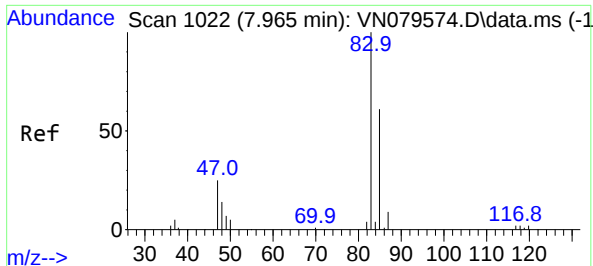


#24
Methyl tert-Butyl Ether
Concen: 91.238 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33



Tgt Ion: 73 Resp: 908946
Ion Ratio Lower Upper
73 100
43 20.6 16.6 24.8





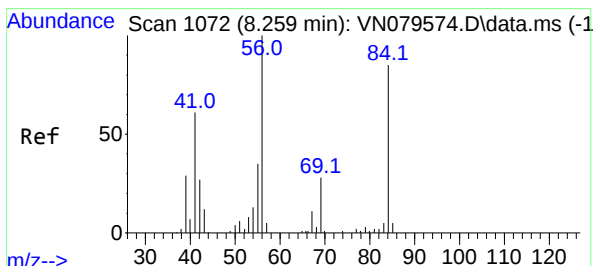
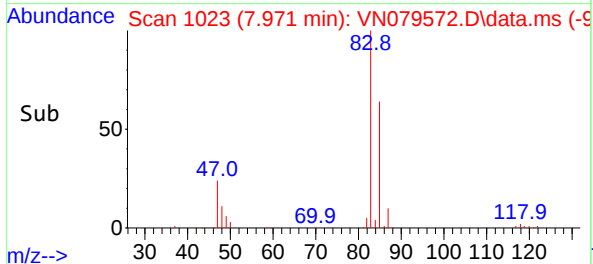
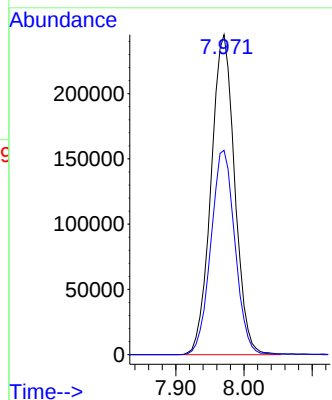
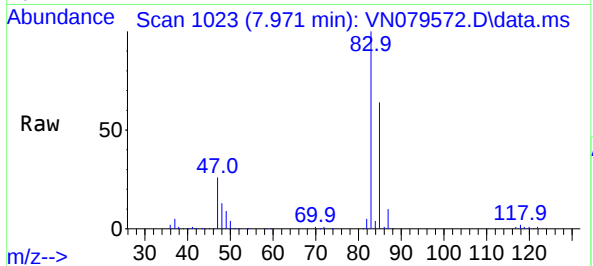
#25
Chloroform
Concen: 88.900 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 592500
Ion Ratio Lower Upper
83 100
85 63.8 47.4 71.2

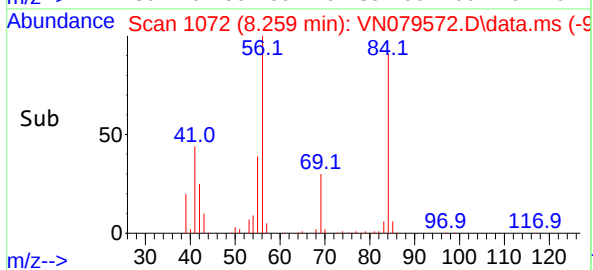
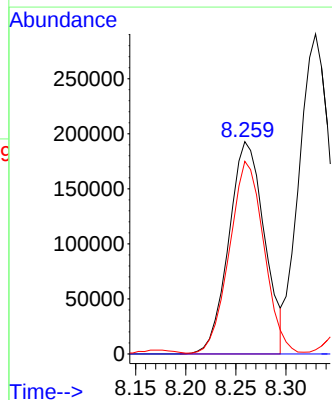
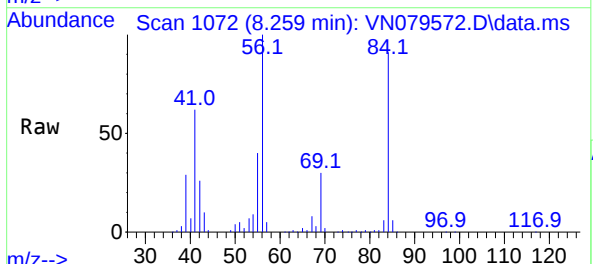
Manual Integrations
APPROVED

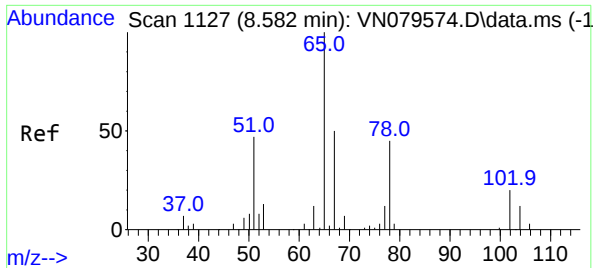
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#26
Cyclohexane
Concen: 95.761 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

Tgt Ion: 56 Resp: 477473
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 88.3 69.0 103.4





#27
1,2-Dichloroethane-d4
Concen: 28.507 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

Instrument :

MSVOA_N

ClientSampleId :

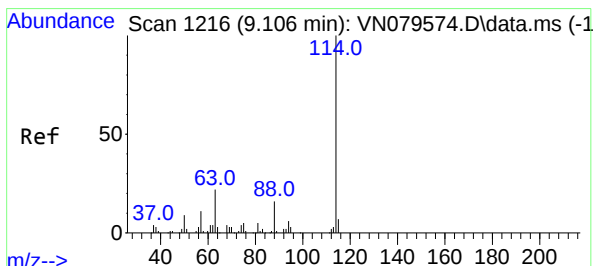
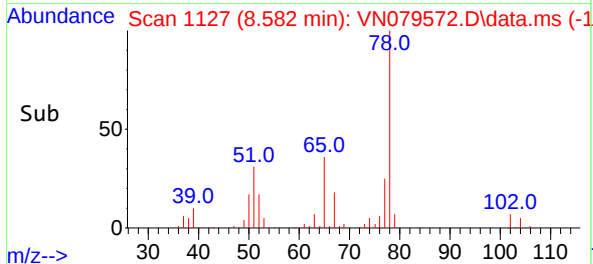
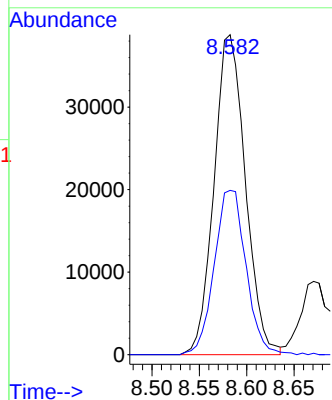
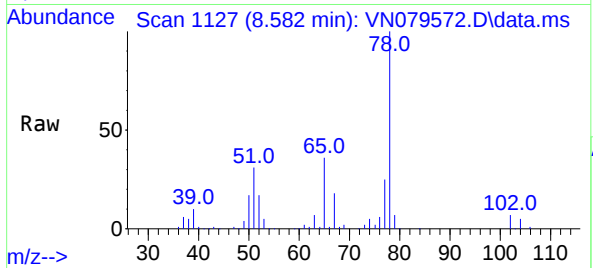
VSTDIC100

Tgt Ion: 65 Resp: 8931
Ion Ratio Lower Upper
65 100
67 52.0 42.1 63.1

Manual Integrations

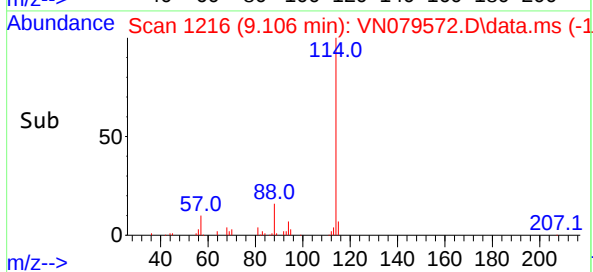
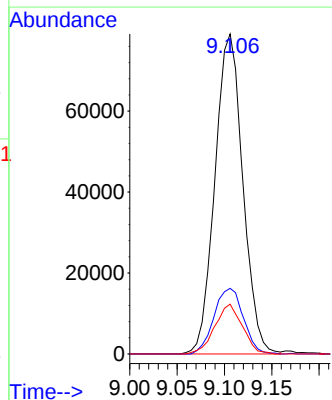
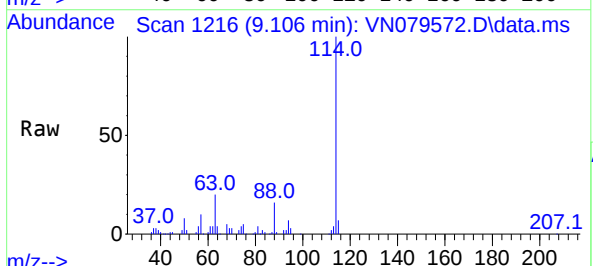
APPROVED

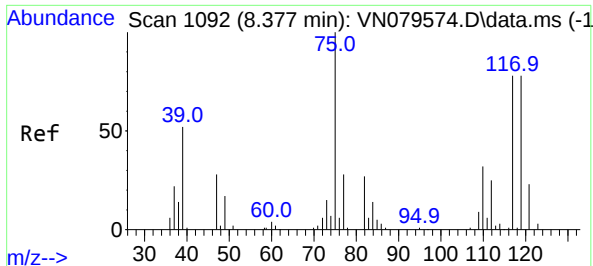
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

Tgt Ion:114 Resp: 162039
Ion Ratio Lower Upper
114 100
63 21.6 18.1 27.1
88 15.4 12.2 18.2





#29
1,1-Dichloropropene
Concen: 96.190 ug/l
RT: 8.371 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

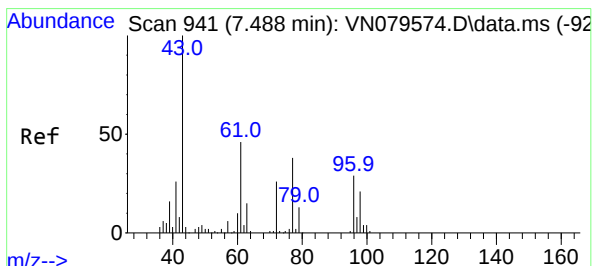
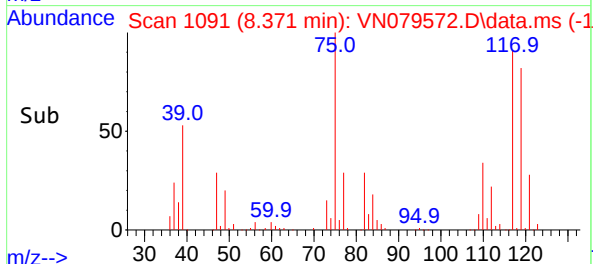
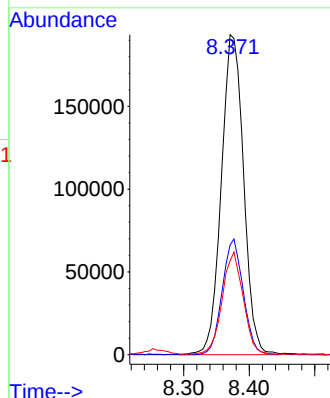
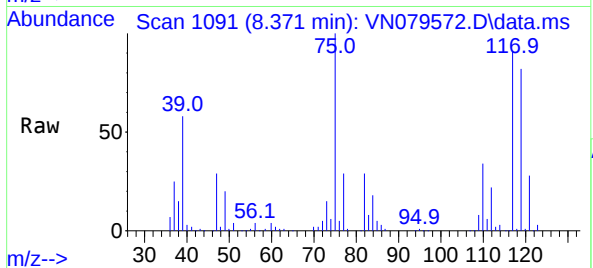
Tgt Ion: 75 Resp: 45549
Ion Ratio Lower Upper
75 100
110 34.1 0.0 66.8
77 30.5 0.0 61.2

Manual Integrations

APPROVED

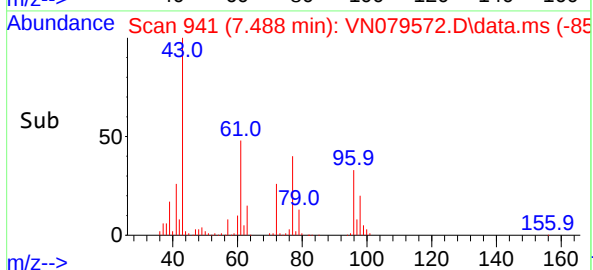
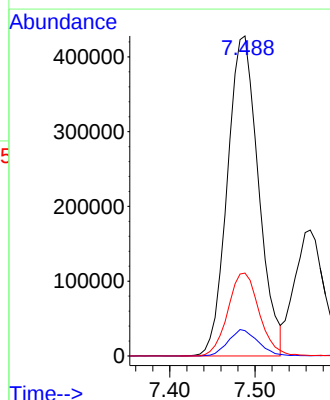
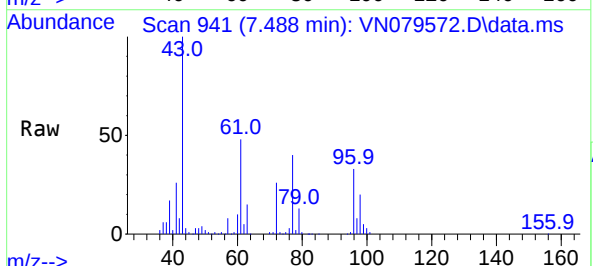
Reviewed By :John Carlone 10/18/2023

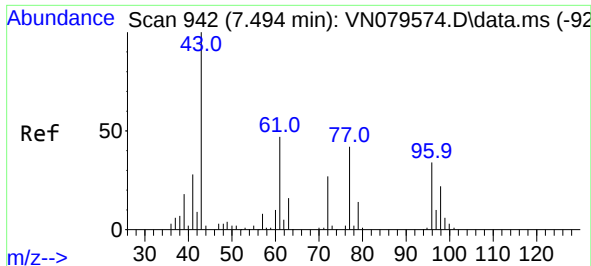
Supervised By :Mahesh Dadoda 10/20/2023



#30
2-Butanone
Concen: 457.283 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

Tgt Ion: 43 Resp: 1085428
Ion Ratio Lower Upper
43 100
57 8.0 6.4 9.6
72 26.2 20.7 31.1





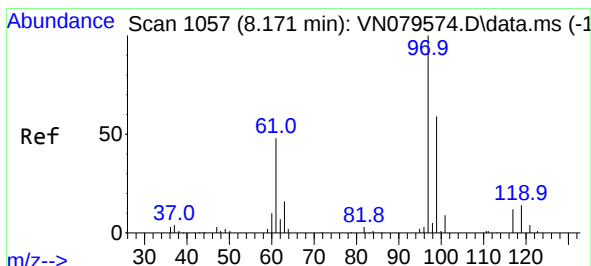
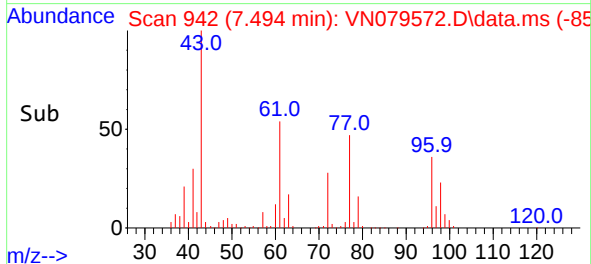
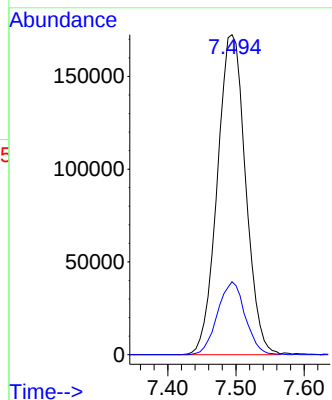
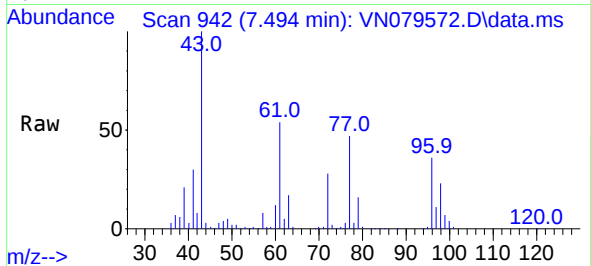
#31
2,2-Dichloropropane
Concen: 93.308 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 77 Resp: 498180
Ion Ratio Lower Upper
77 100
97 22.2 17.9 26.9

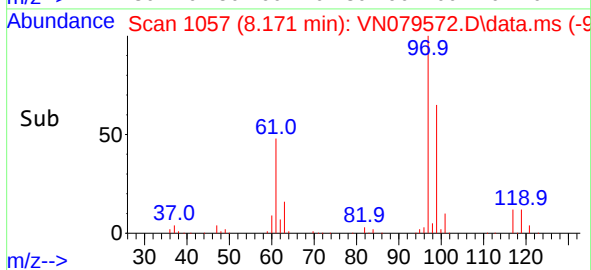
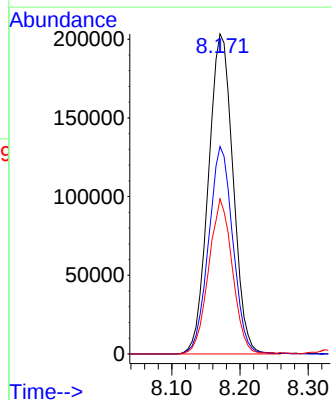
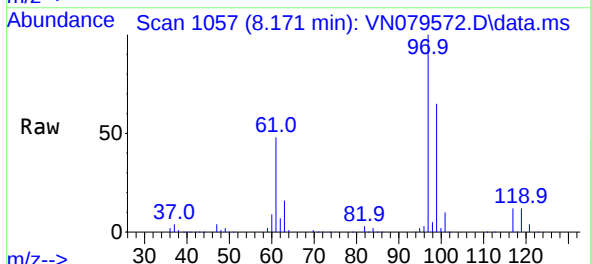
Manual Integrations
APPROVED

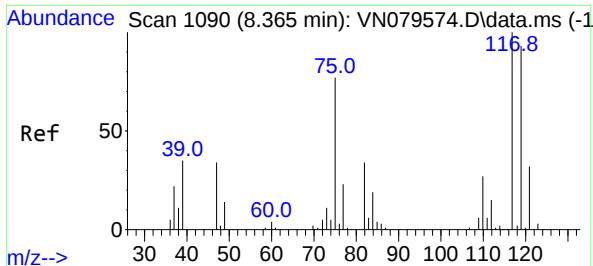
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#32
1,1,1-Trichloroethane
Concen: 91.090 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

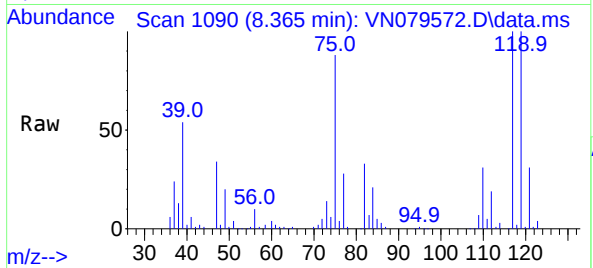
Tgt Ion: 97 Resp: 512678
Ion Ratio Lower Upper
97 100
99 63.7 51.9 77.9
61 46.6 37.6 56.4





#33
Carbon Tetrachloride
Concen: 93.735 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

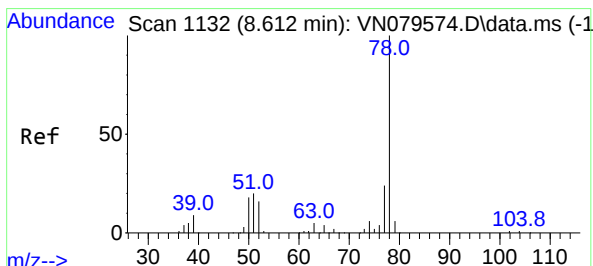
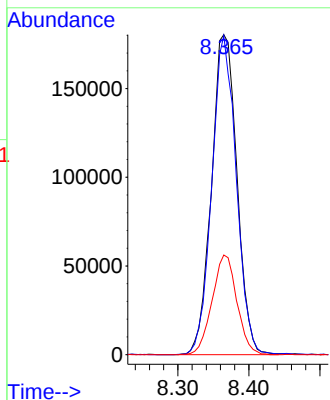
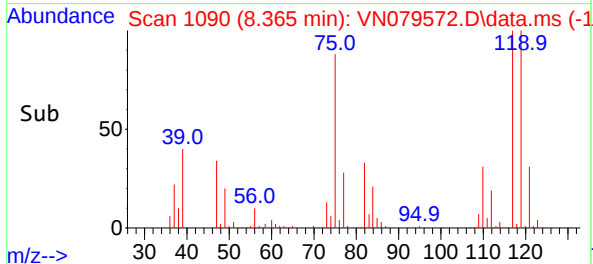
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



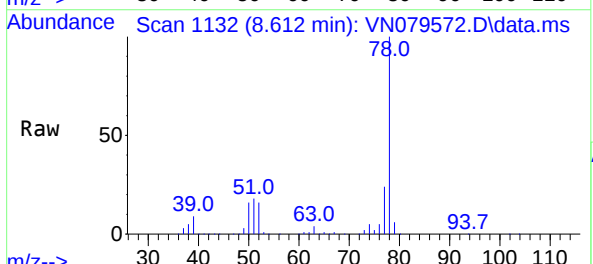
Tgt Ion:117 Resp: 448688
Ion Ratio Lower Upper
117 100
119 99.6 75.0 112.6
121 31.2 24.3 36.5

Manual Integrations
APPROVED

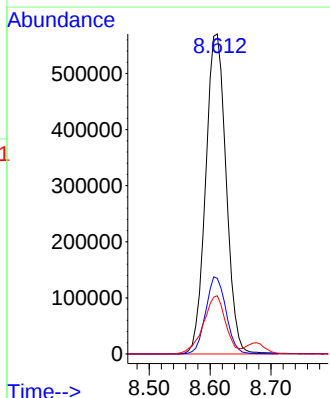
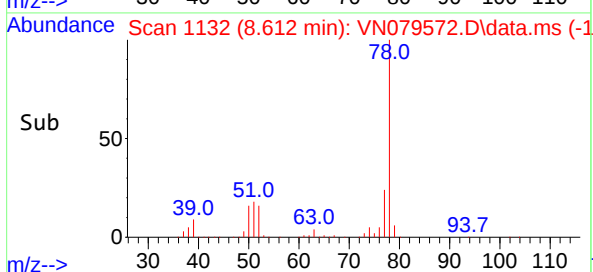
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

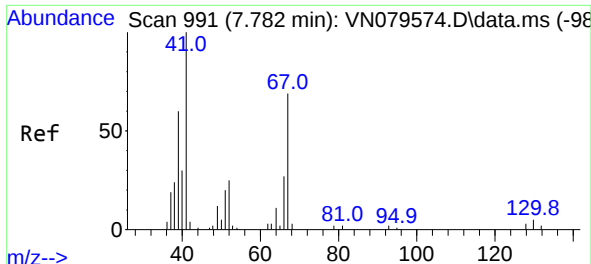


#34
Benzene
Concen: 92.511 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33



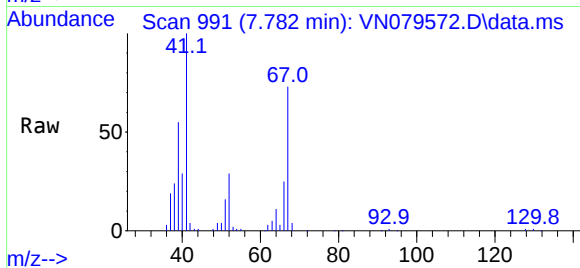
Tgt Ion: 78 Resp: 1330978
Ion Ratio Lower Upper
78 100
77 23.7 19.7 29.5
51 18.0 15.8 23.6





#35
Methacrylonitrile
Concen: 89.321 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

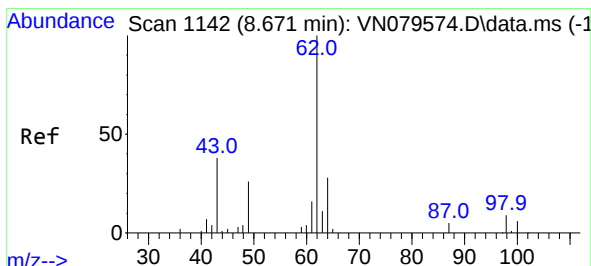
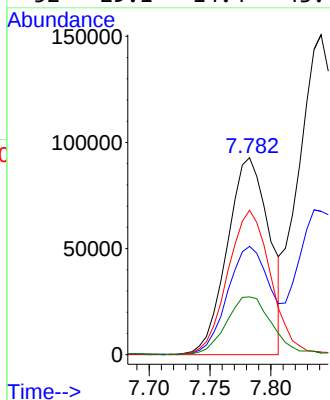
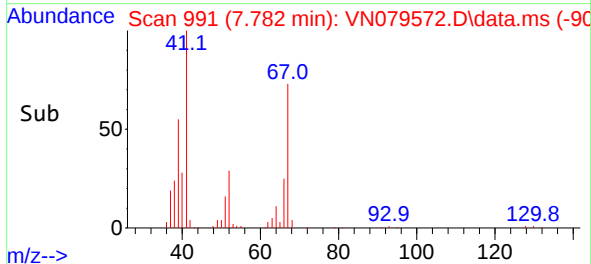
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



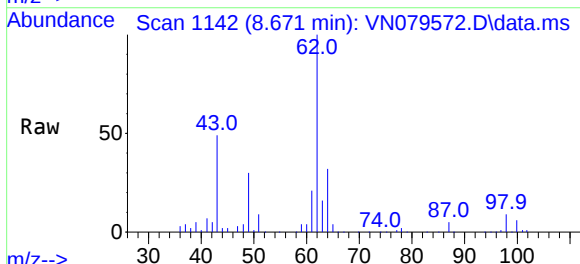
Tgt Ion: 41 Resp: 223029
Ion Ratio Lower Upper
41 100
39 54.6 26.3 78.8
67 73.4 37.5 112.3
52 29.1 14.4 43.4

Manual Integrations
APPROVED

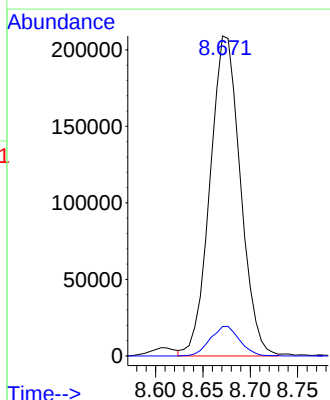
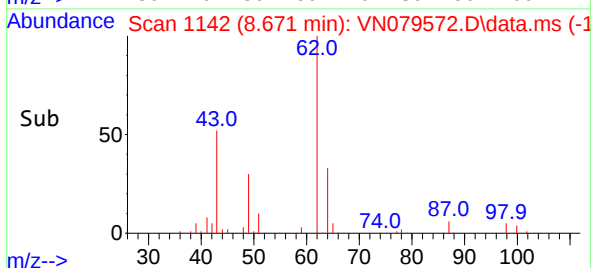
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

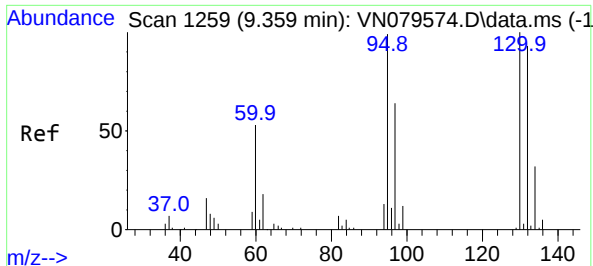


#36
1,2-Dichloroethane
Concen: 91.052 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33



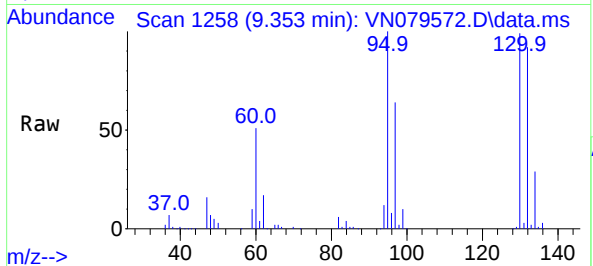
Tgt Ion: 62 Resp: 467734
Ion Ratio Lower Upper
62 100
98 8.9 7.2 10.8





#37
Trichloroethene
Concen: 93.795 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

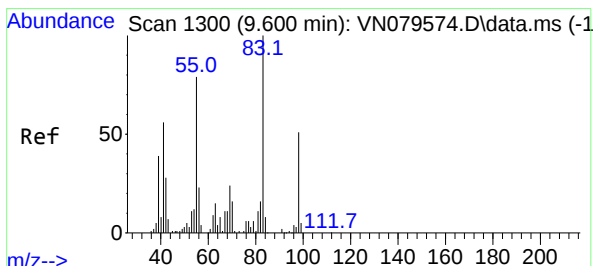
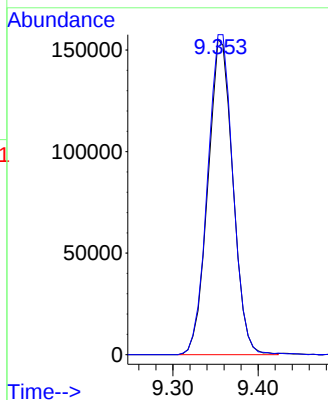
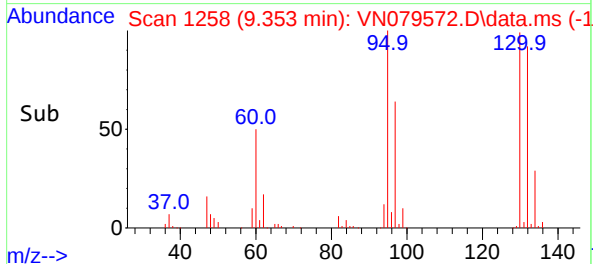
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



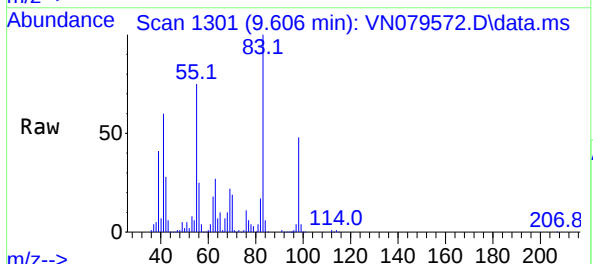
Tgt Ion:130 Resp: 315434
Ion Ratio Lower Upper
130 100
95 101.4 81.2 121.8

Manual Integrations
APPROVED

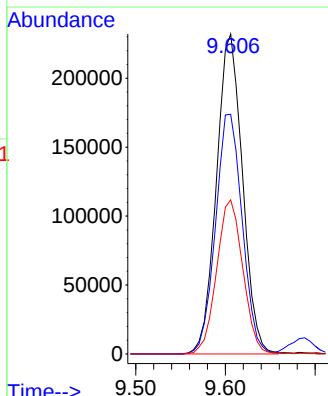
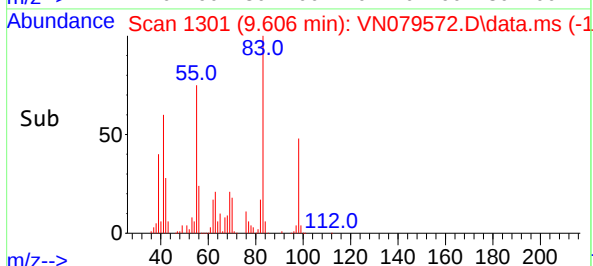
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

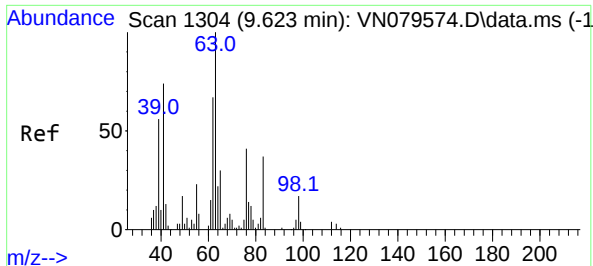


#38
Methylcyclohexane
Concen: 102.545 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33



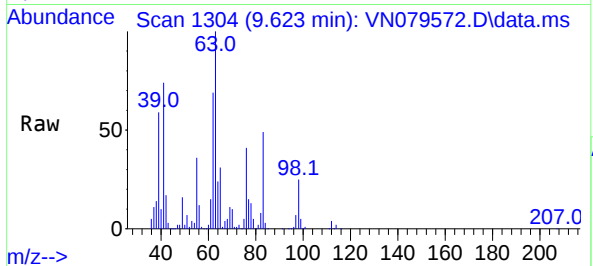
Tgt Ion: 83 Resp: 467526
Ion Ratio Lower Upper
83 100
55 76.8 39.7 119.1
98 48.5 24.4 73.2





#39
1,2-Dichloropropane
Concen: 92.918 ug/l
RT: 9.623 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

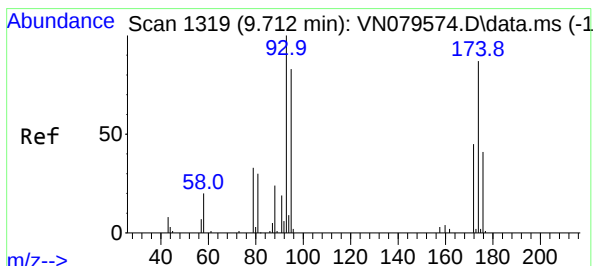
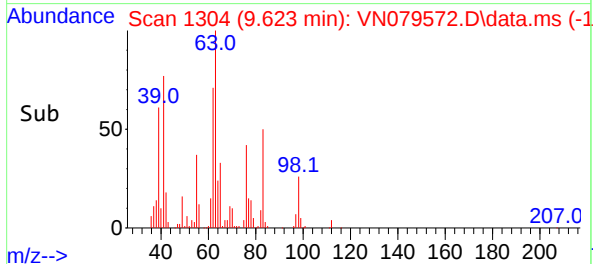
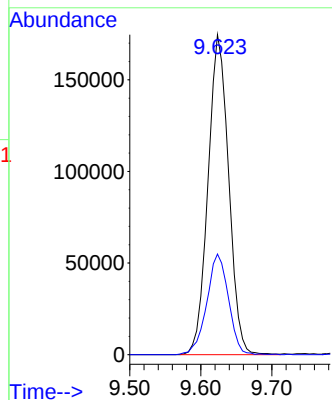
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 63 Resp: 352780
Ion Ratio Lower Upper
63 100
65 31.5 25.3 37.9

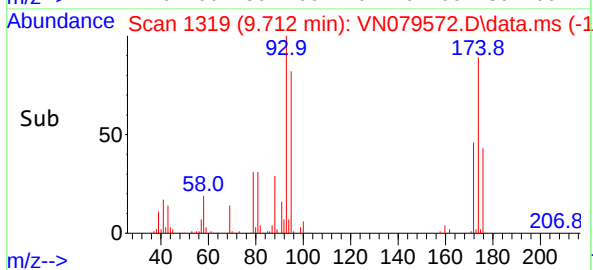
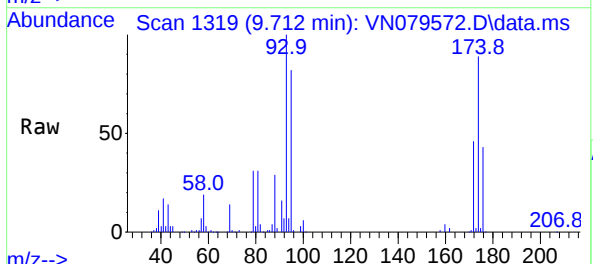
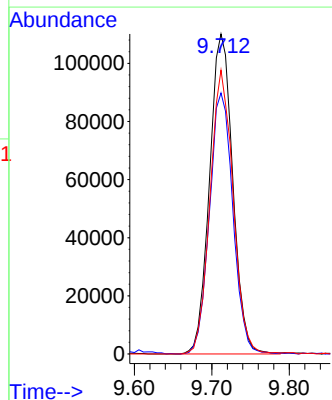
Manual Integrations
APPROVED

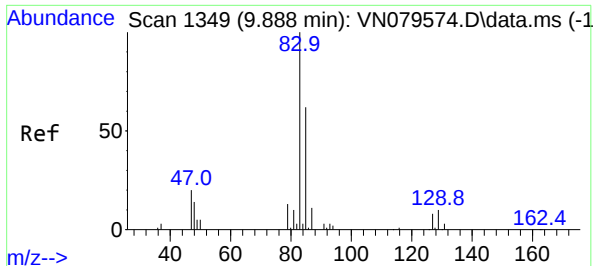
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#40
Dibromomethane
Concen: 92.095 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

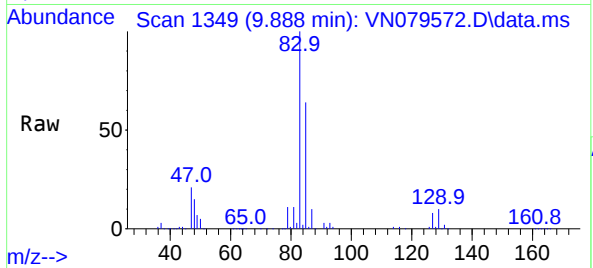
Tgt Ion: 93 Resp: 229472
Ion Ratio Lower Upper
93 100
95 82.1 0.0 166.6
174 87.7 0.0 171.0





#41
Bromodichloromethane
Concen: 92.317 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

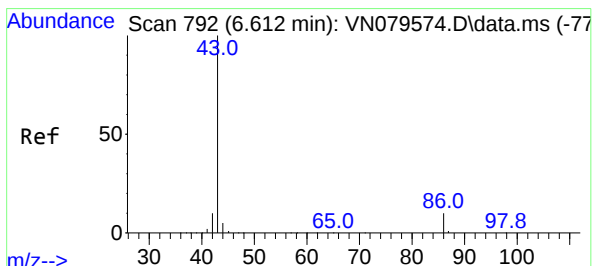
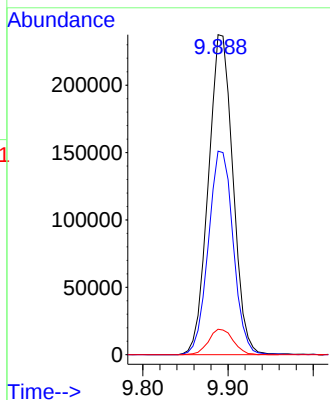
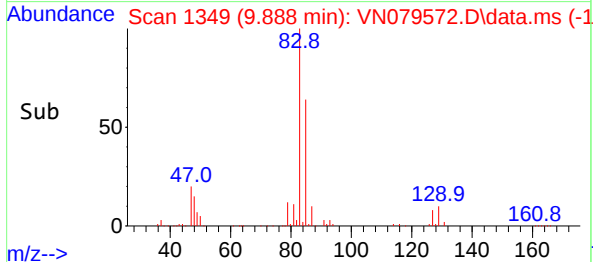
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



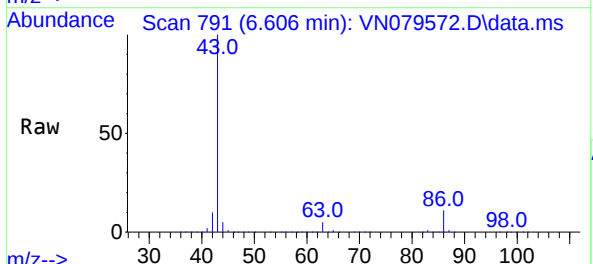
Tgt Ion: 83 Resp: 47670
Ion Ratio Lower Upper
83 100
85 63.6 50.3 75.5
127 7.9 6.8 10.2

Manual Integrations
APPROVED

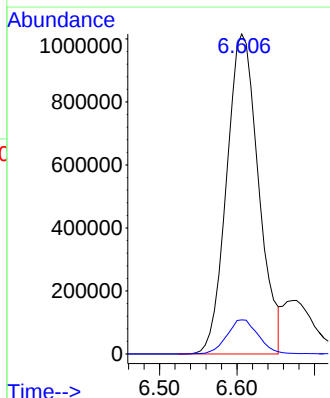
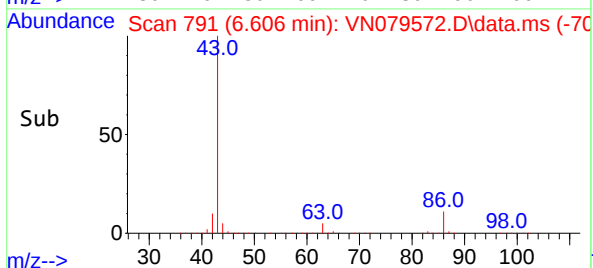
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

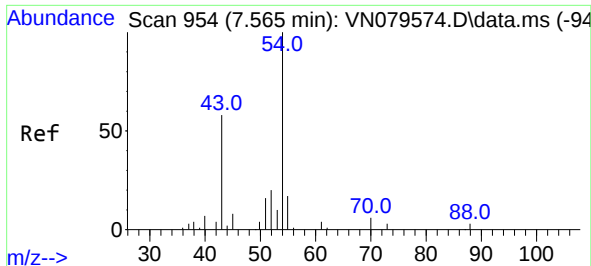


#42
Vinyl Acetate
Concen: 483.795 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.006 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33



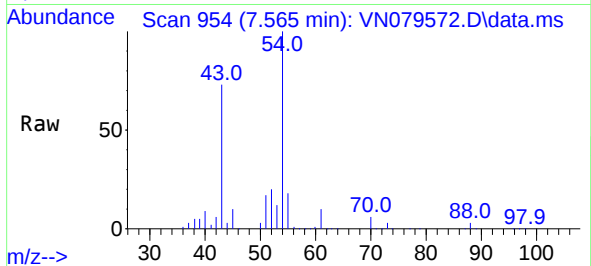
Tgt Ion: 43 Resp: 2913055
Ion Ratio Lower Upper
43 100
86 10.6 8.2 12.2





#43
Ethyl Acetate
Concen: 94.160 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

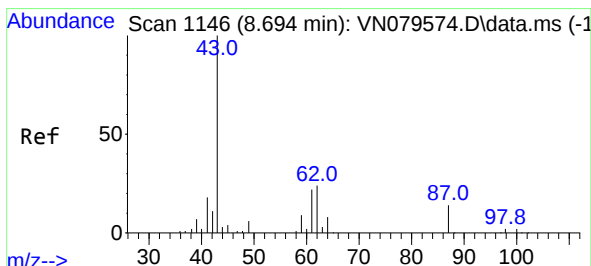
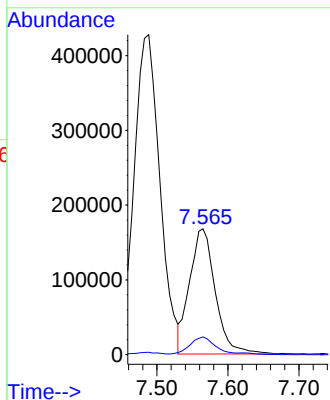
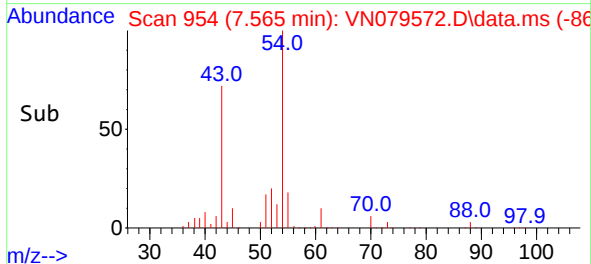
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



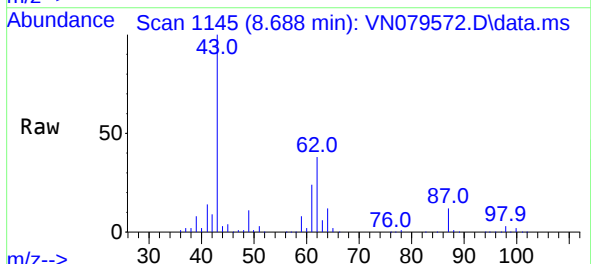
Tgt Ion: 43 Resp: 420272
Ion Ratio Lower Upper
43 100
45 12.7 11.8 17.8

Manual Integrations
APPROVED

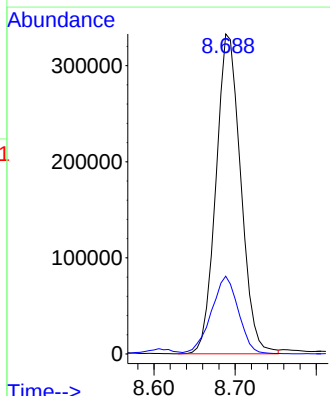
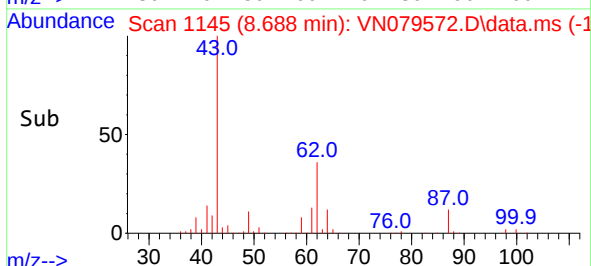
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

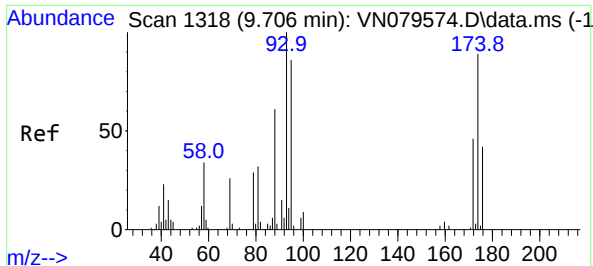


#44
Isopropyl Acetate
Concen: 88.998 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33



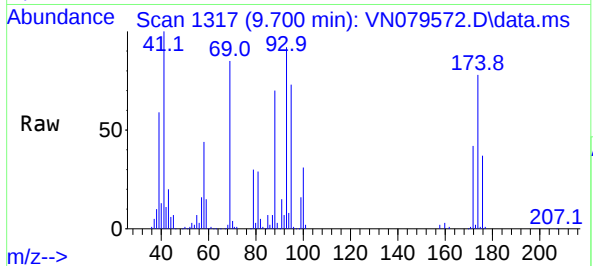
Tgt Ion: 43 Resp: 706136
Ion Ratio Lower Upper
43 100
61 26.8 20.3 30.5





#45
1,4-Dioxane
Concen: 1828.792 ug/l
RT: 9.700 min Scan# 11358
Delta R.T. -0.006 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

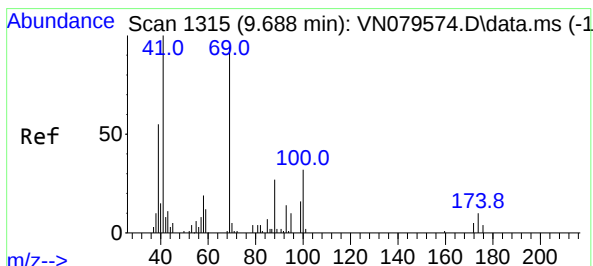
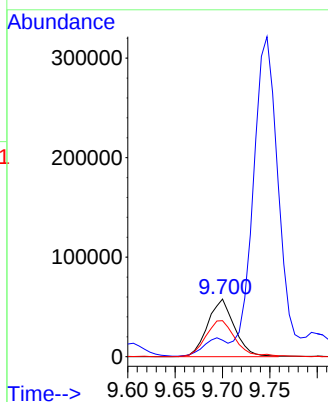
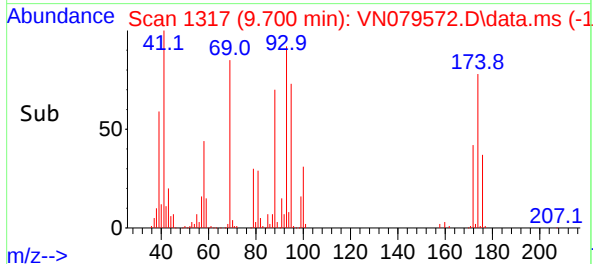
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



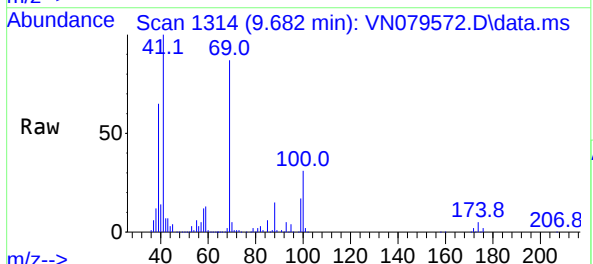
Tgt Ion: 88 Resp: 11358
Ion Ratio Lower Upper
88 100
43 27.6 28.7 43.1
58 67.8 56.9 85.3

Manual Integrations
APPROVED

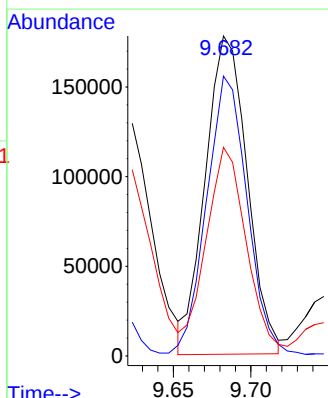
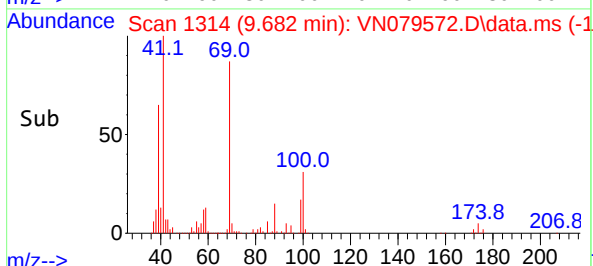
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

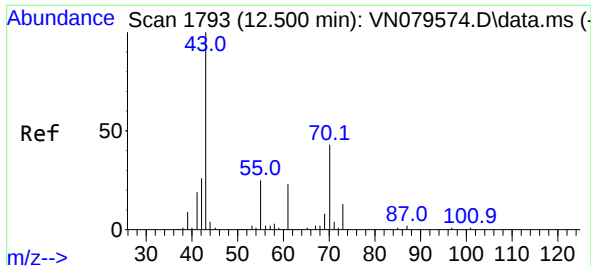


#46
Methyl methacrylate
Concen: 94.717 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33



Tgt Ion: 41 Resp: 333406
Ion Ratio Lower Upper
41 100
69 88.5 40.0 119.9
39 64.8 31.1 93.3





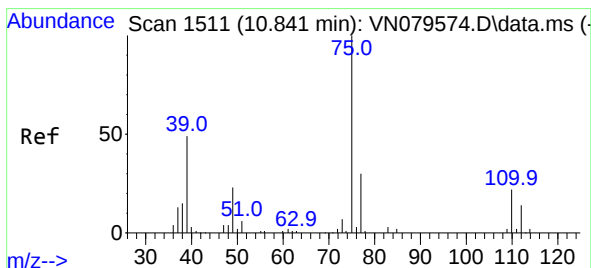
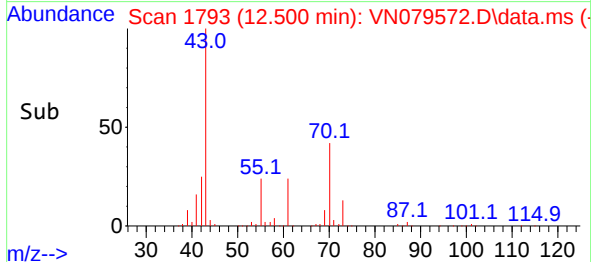
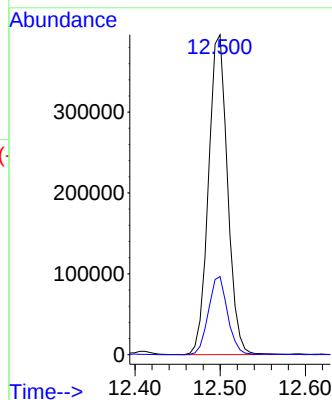
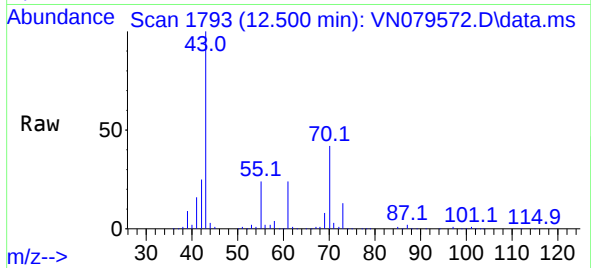
#47
n-amy1 Acetate
Concen: 107.541 ug/l
RT: 12.500 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 615810
Ion Ratio Lower Upper
43 100
55 24.6 20.7 31.1

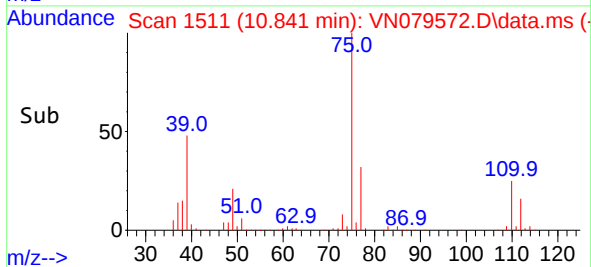
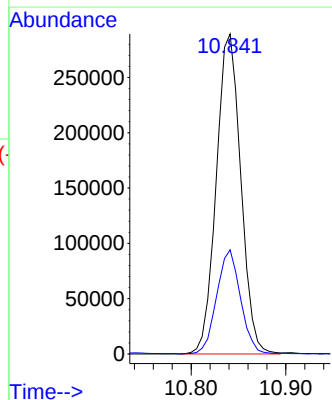
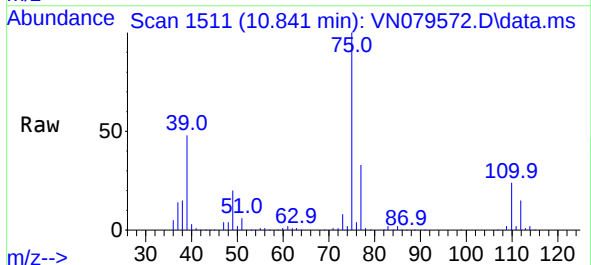
Manual Integrations
APPROVED

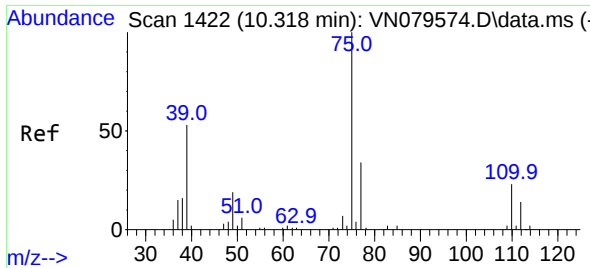
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#48
t-1,3-Dichloropropene
Concen: 99.713 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

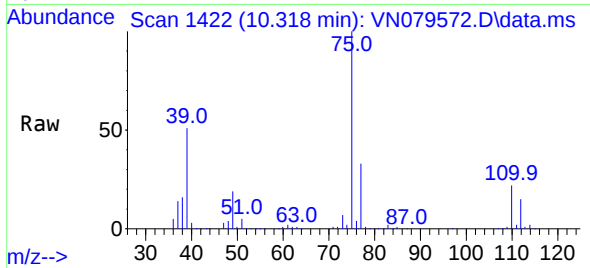
Tgt Ion: 75 Resp: 520516
Ion Ratio Lower Upper
75 100
77 32.5 25.6 38.4





#49
cis-1,3-Dichloropropene
Concen: 97.481 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

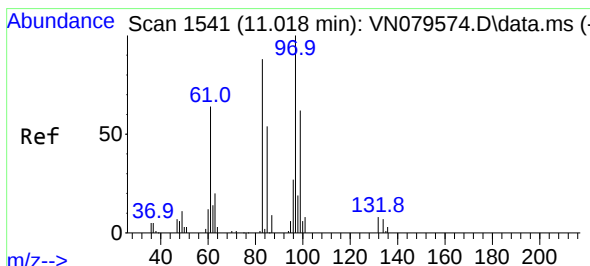
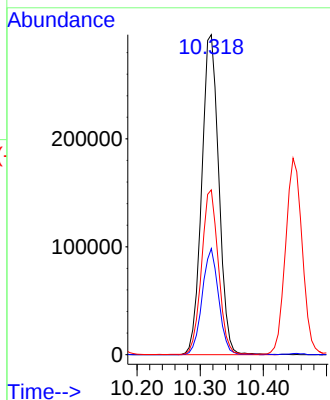
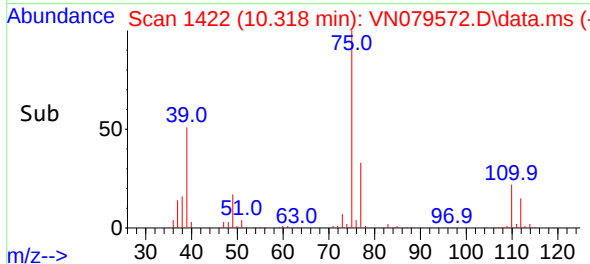
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 556438
Ion Ratio Lower Upper
75 100
77 33.2 25.8 38.6
39 51.4 42.4 63.6

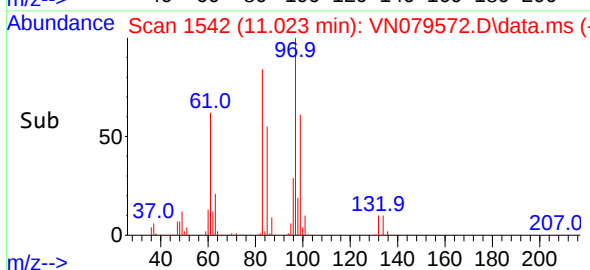
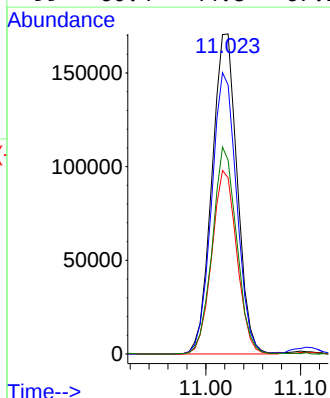
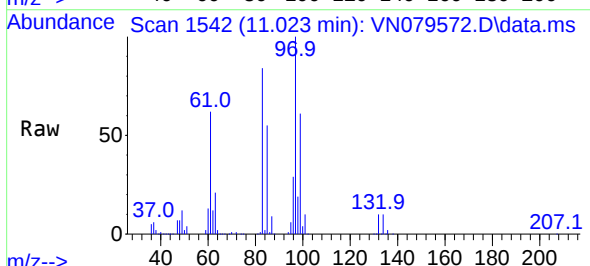
Manual Integrations
APPROVED

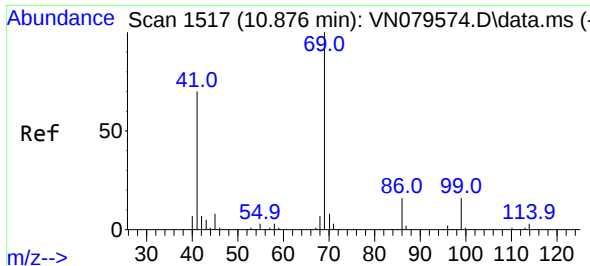
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#50
1,1,2-Trichloroethane
Concen: 91.795 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

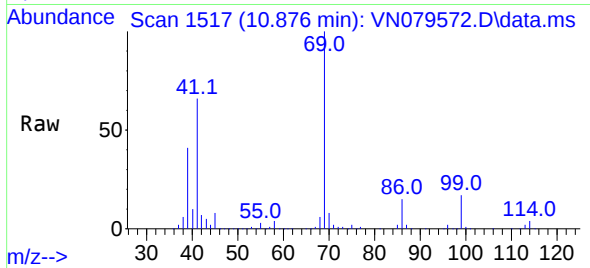
Tgt Ion: 97 Resp: 317303
Ion Ratio Lower Upper
97 100
83 84.0 68.2 102.4
85 55.0 42.9 64.3
99 60.4 44.8 67.2





#51
Ethyl methacrylate
Concen: 102.845 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

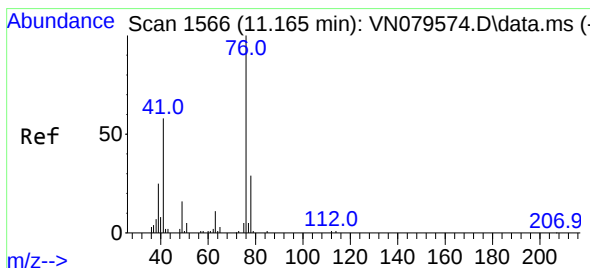
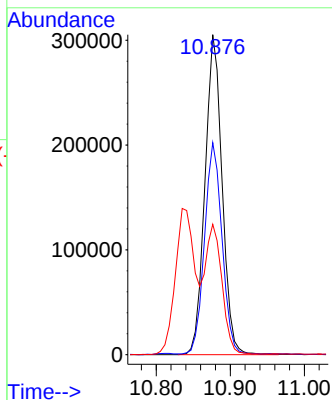
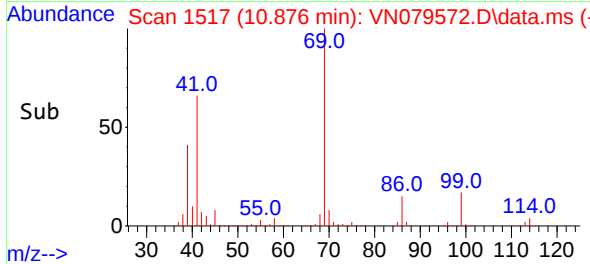
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



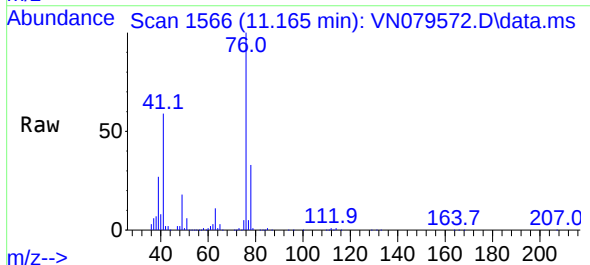
Tgt Ion: 69 Resp: 490470
Ion Ratio Lower Upper
69 100
41 66.0 33.8 101.3
39 40.5 21.3 63.9

Manual Integrations
APPROVED

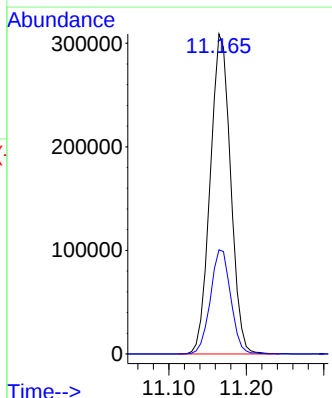
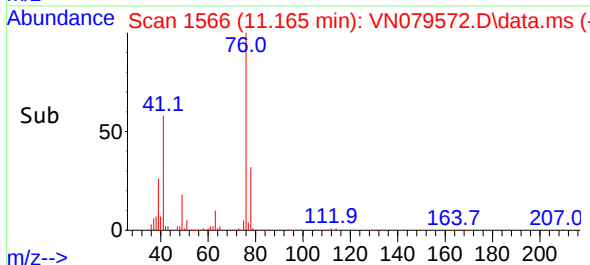
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

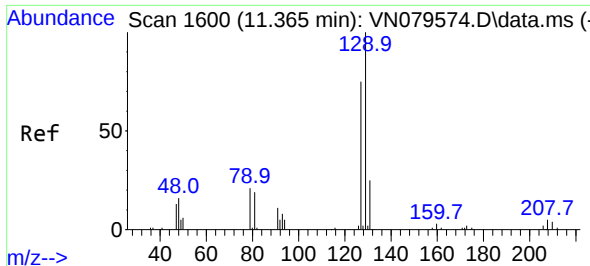


#52
1,3-Dichloropropane
Concen: 92.184 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33



Tgt Ion: 76 Resp: 564506
Ion Ratio Lower Upper
76 100
78 32.4 0.0 64.0





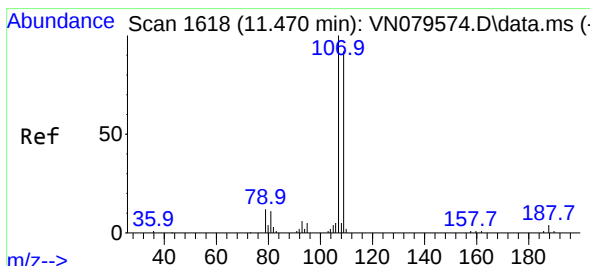
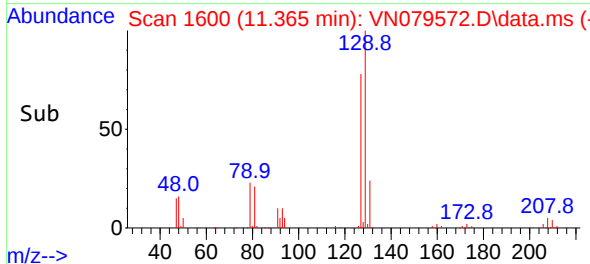
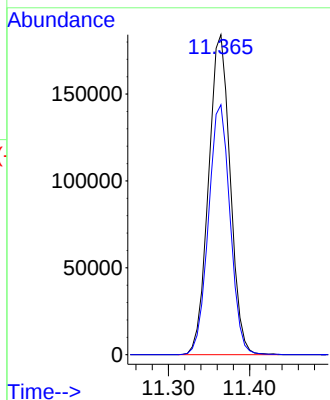
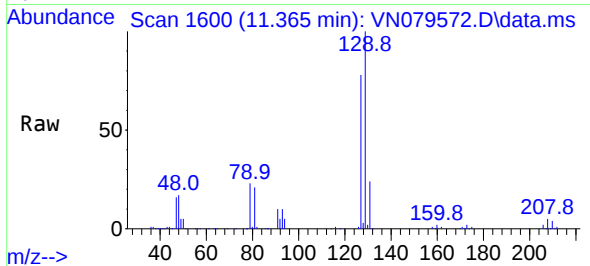
#53
Dibromochloromethane
Concen: 96.621 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:129 Resp: 34134
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.3

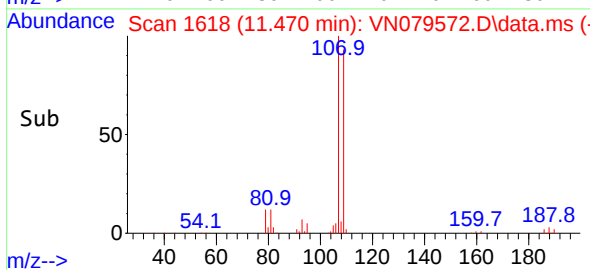
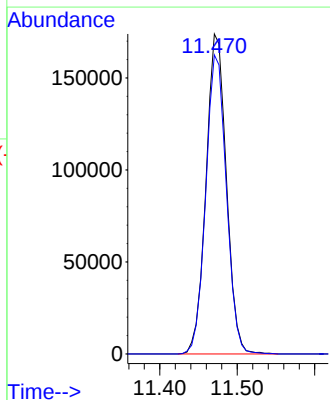
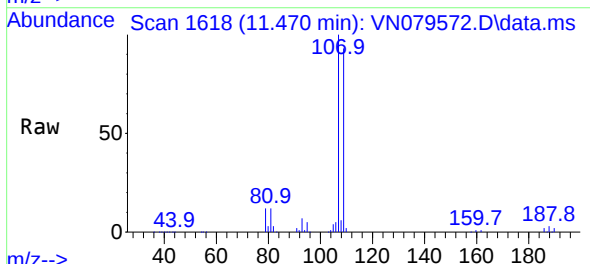
Manual Integrations
APPROVED

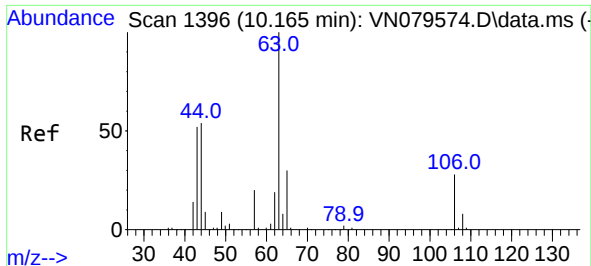
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#54
1,2-Dibromoethane
Concen: 93.208 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

Tgt Ion:107 Resp: 317855
Ion Ratio Lower Upper
107 100
109 94.4 73.2 109.8





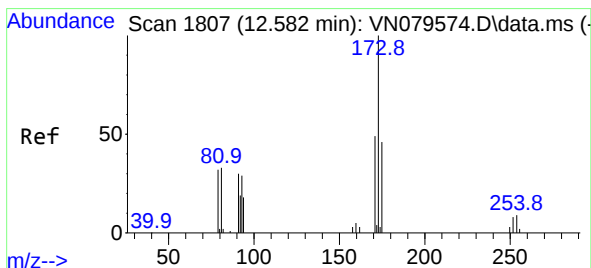
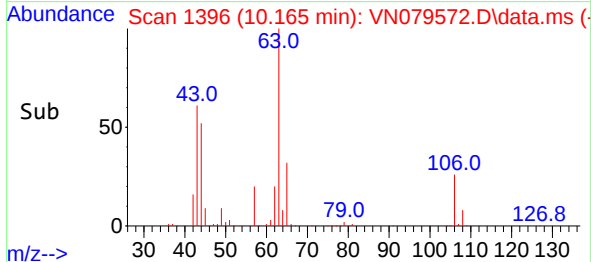
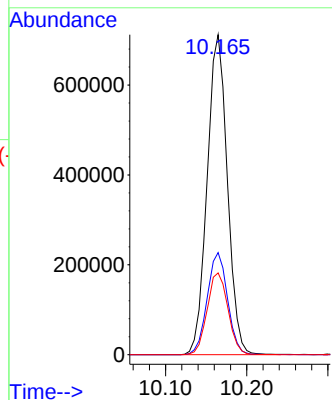
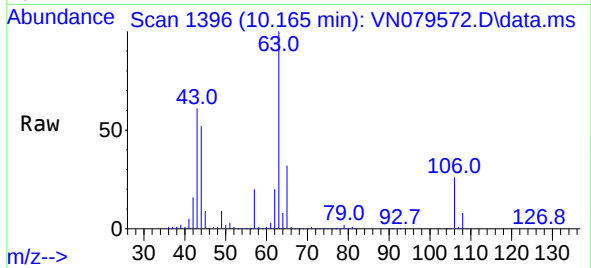
#55
2-Chloroethyl vinyl ether
Concen: 677.152 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 63 Resp: 1232119
Ion Ratio Lower Upper
63 100
65 32.1 25.9 38.9
106 26.3 20.6 30.8

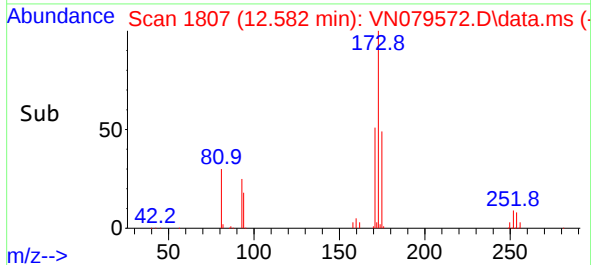
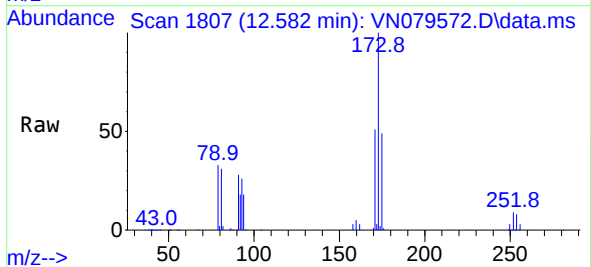
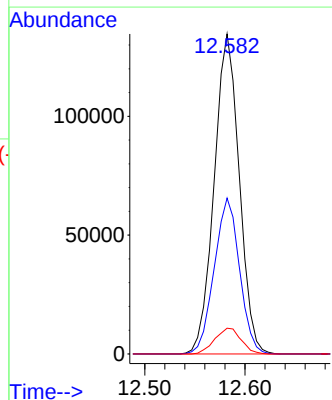
Manual Integrations
APPROVED

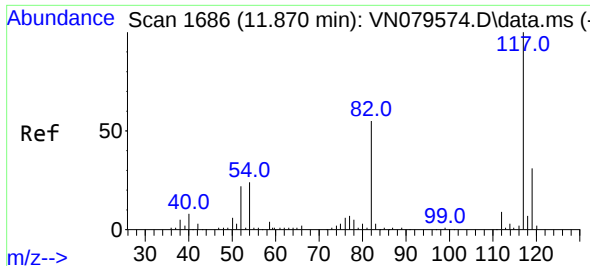
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#56
Bromoform
Concen: 100.056 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

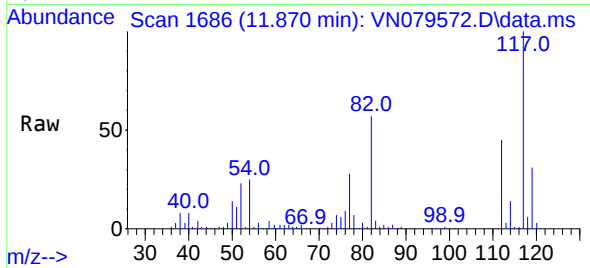
Tgt Ion:173 Resp: 233842
Ion Ratio Lower Upper
173 100
175 49.1 37.9 56.9
254 8.5 7.3 10.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

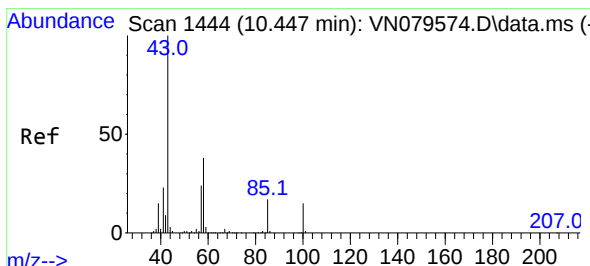
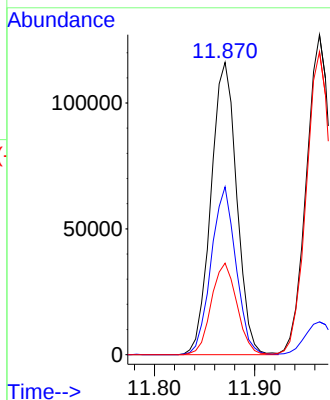
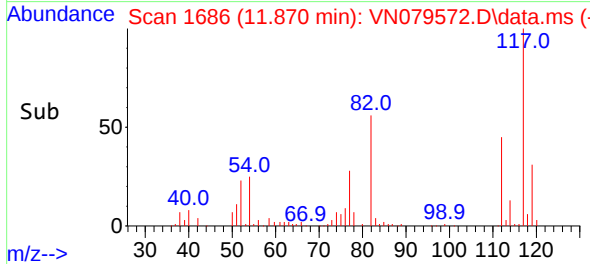
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



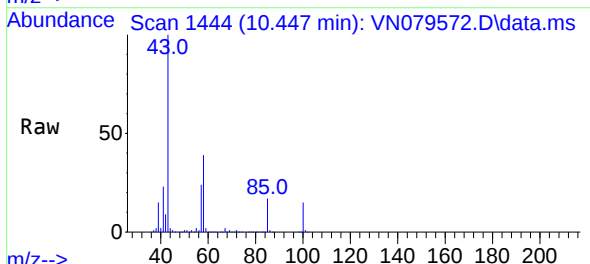
Tgt Ion: 117 Resp: 206985
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.2
119 31.1 25.2 37.8

Manual Integrations
APPROVED

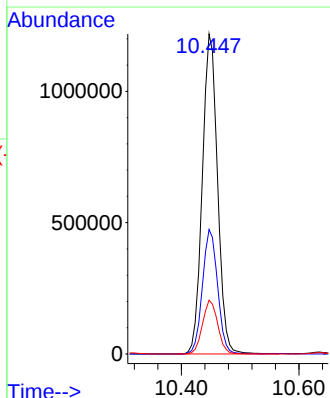
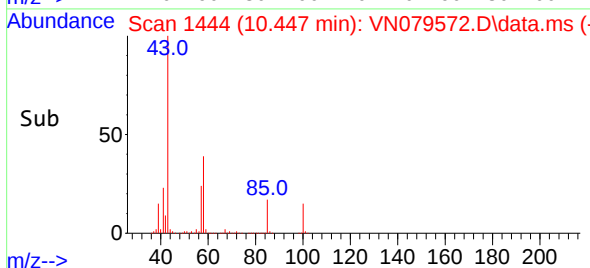
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

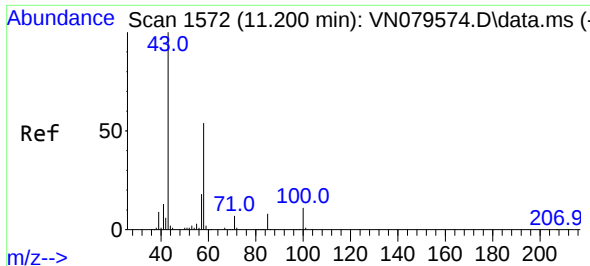


#58
4-Methyl-2-Pentanone
Concen: 453.203 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33



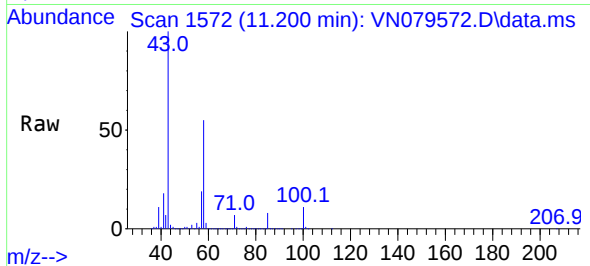
Tgt Ion: 43 Resp: 2187994
Ion Ratio Lower Upper
43 100
58 38.7 30.4 45.6
85 16.8 13.2 19.8





#59
2-Hexanone
Concen: 461.648 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

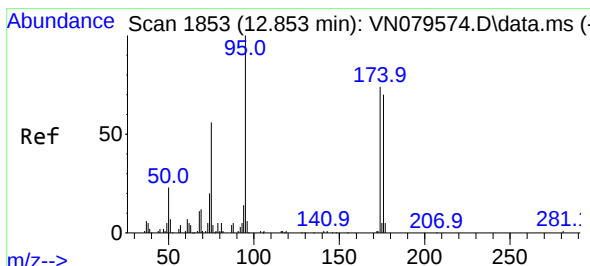
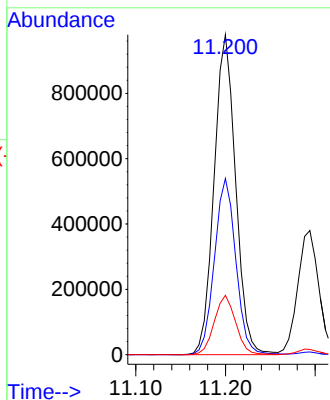
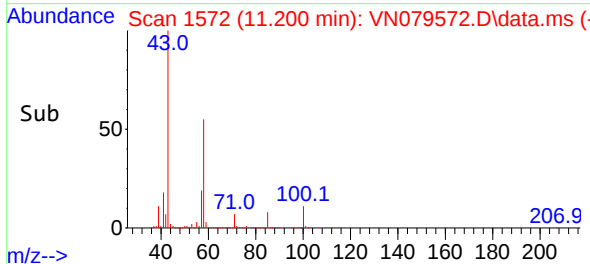
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



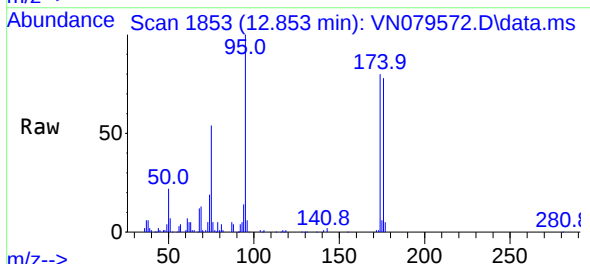
Tgt Ion: 43 Resp: 1635092
Ion Ratio Lower Upper
43 100
58 54.5 42.3 63.5
57 18.3 13.9 20.9

Manual Integrations
APPROVED

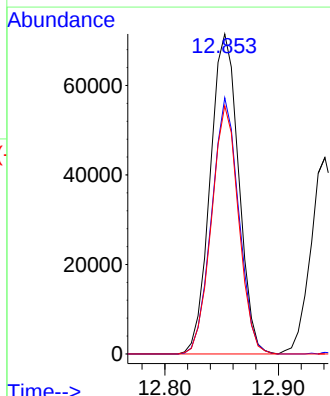
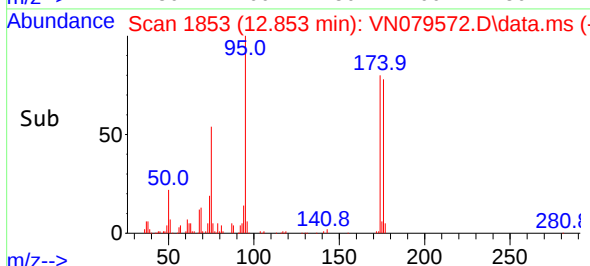
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

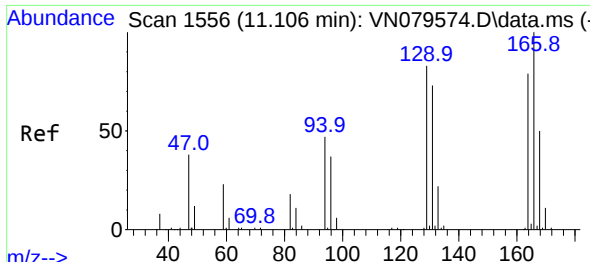


#60
4-Bromofluorobenzene
Concen: 32.830 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33



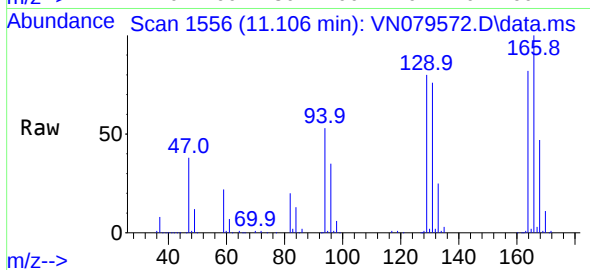
Tgt Ion: 95 Resp: 124266
Ion Ratio Lower Upper
95 100
174 76.4 60.5 90.7
176 74.0 57.2 85.8





#61
Tetrachloroethene
Concen: 90.066 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

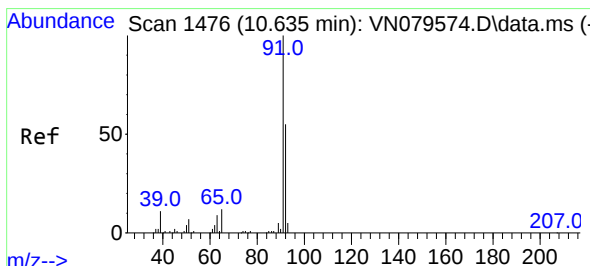
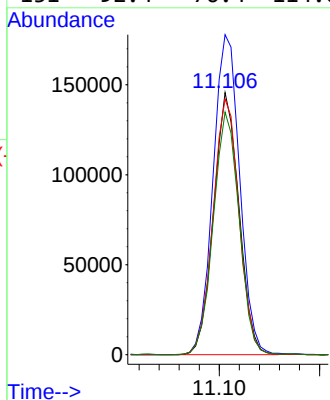
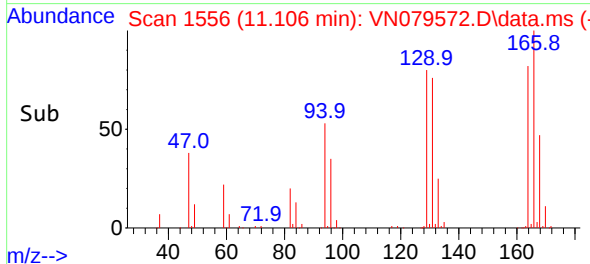
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



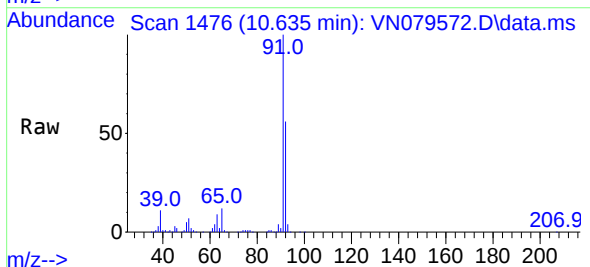
Tgt Ion:164 Resp: 255958
Ion Ratio Lower Upper
164 100
166 122.1 98.2 147.4
129 97.5 75.0 112.4
131 92.4 76.4 114.6

Manual Integrations
APPROVED

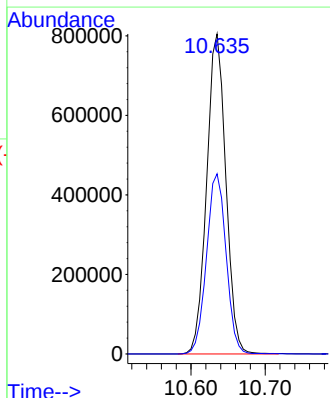
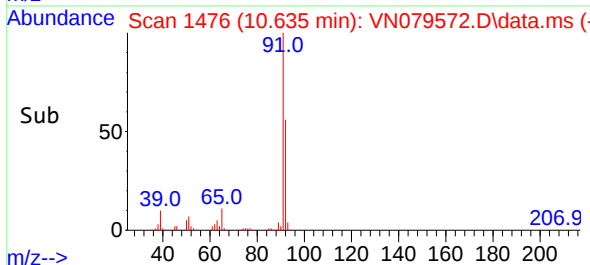
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

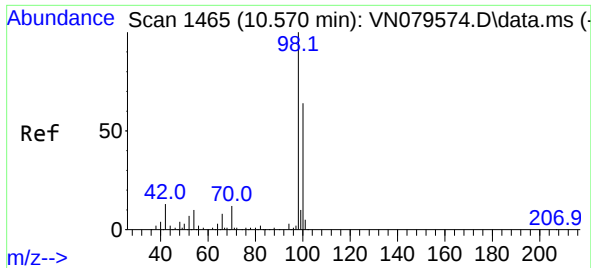


#62
Toluene
Concen: 91.504 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33



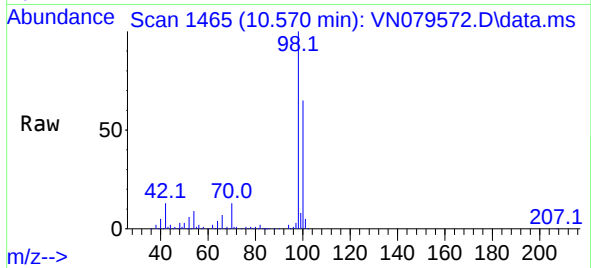
Tgt Ion: 91 Resp: 1447496
Ion Ratio Lower Upper
91 100
92 57.3 45.3 67.9





#63
Toluene-d8
Concen: 29.224 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

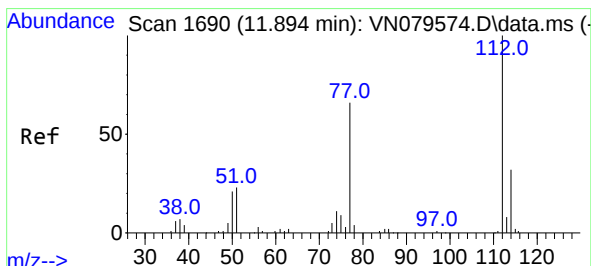
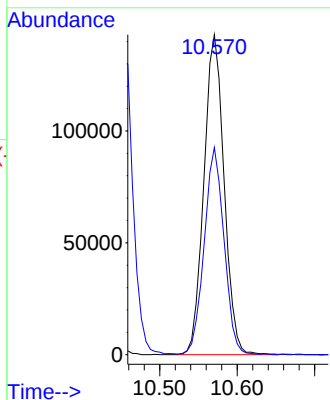
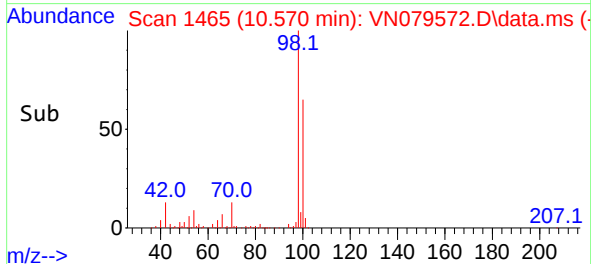
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



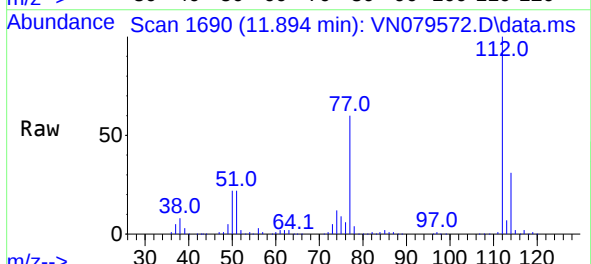
Tgt Ion: 98 Resp: 25920
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4

Manual Integrations
APPROVED

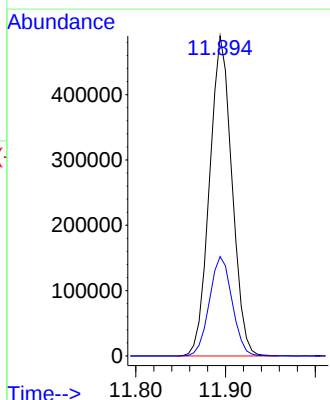
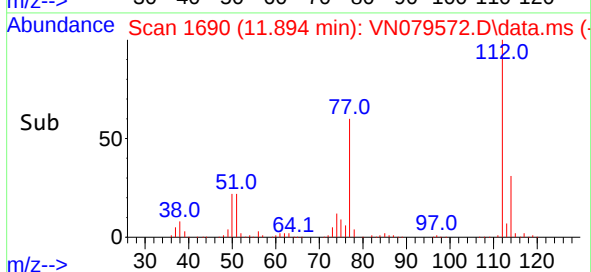
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

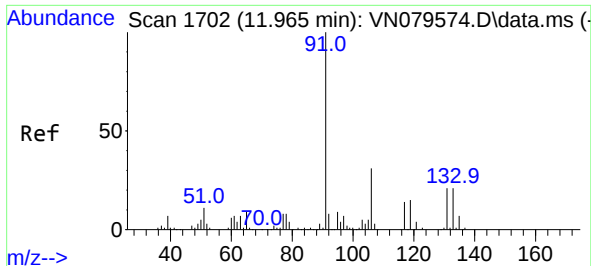


#64
Chlorobenzene
Concen: 92.509 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33



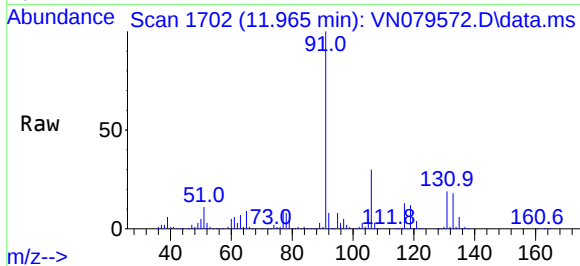
Tgt Ion:112 Resp: 848746
Ion Ratio Lower Upper
112 100
114 31.1 28.1 42.1





#65
1,1,1,2-Tetrachloroethane
Concen: 91.219 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

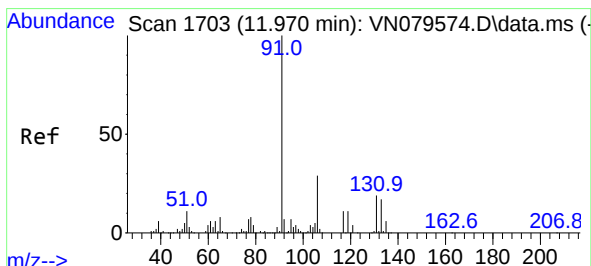
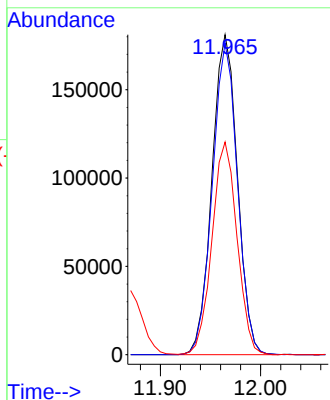
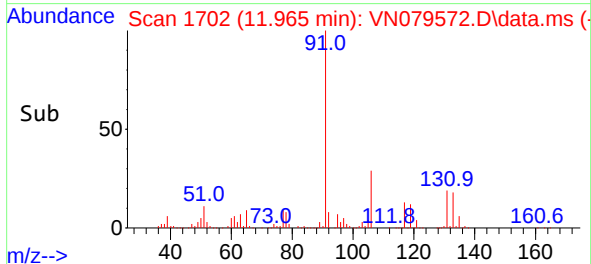
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



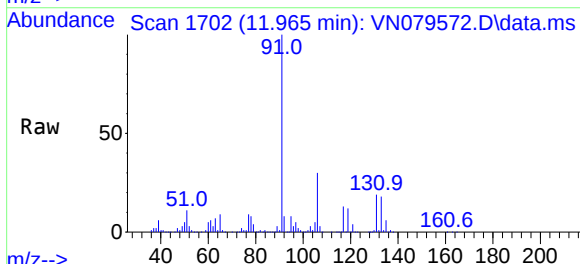
Tgt Ion:131 Resp: 31880
Ion Ratio Lower Upper
131 100
133 96.1 0.0 196.0
119 65.6 0.0 135.6

Manual Integrations
APPROVED

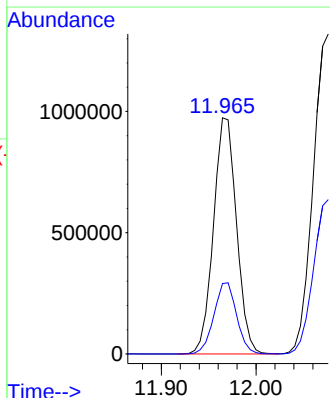
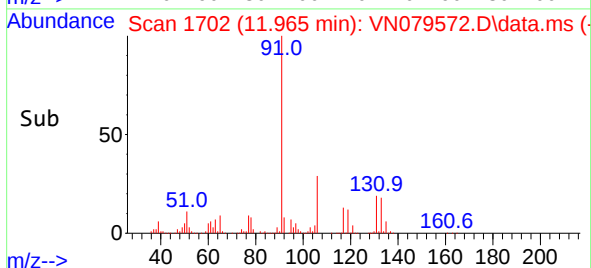
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

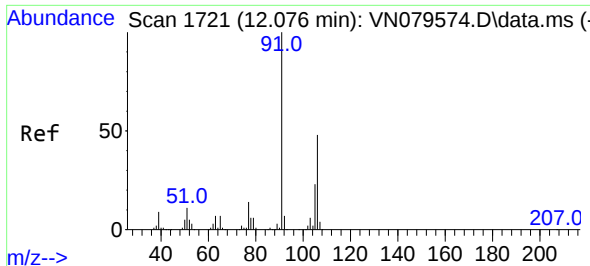


#66
Ethyl Benzene
Concen: 101.075 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33



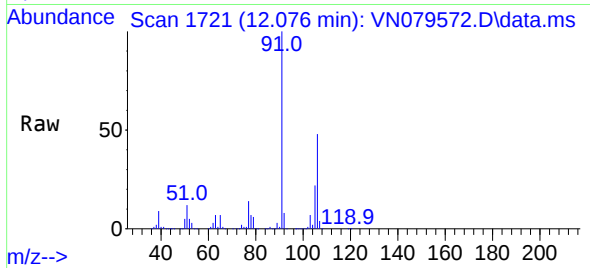
Tgt Ion: 91 Resp: 1647406
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.8





#67
m/p-Xylenes
Concen: 202.885 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

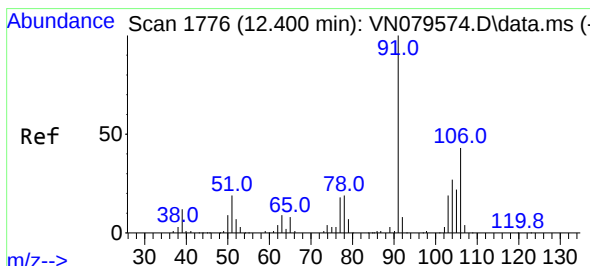
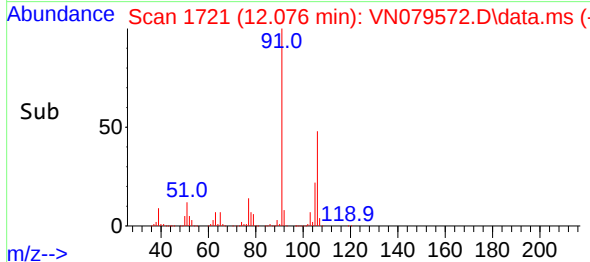
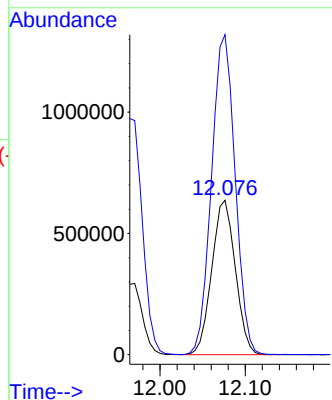
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:106 Resp: 1223070
Ion Ratio Lower Upper
106 100
91 207.7 161.8 242.6

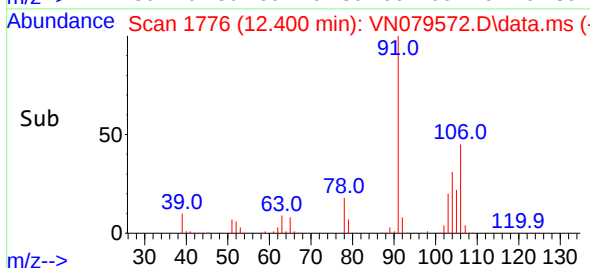
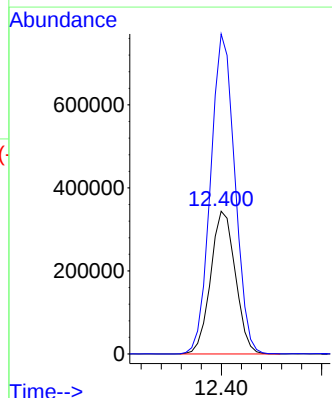
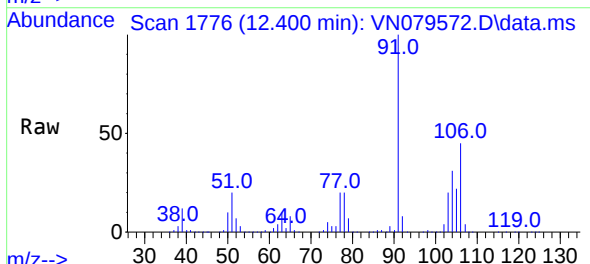
Manual Integrations
APPROVED

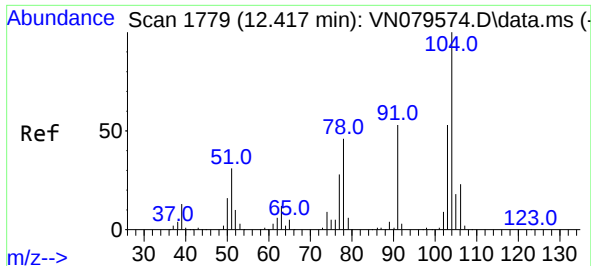
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#68
o-Xylene
Concen: 102.344 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

Tgt Ion:106 Resp: 589814
Ion Ratio Lower Upper
106 100
91 220.0 109.9 329.7





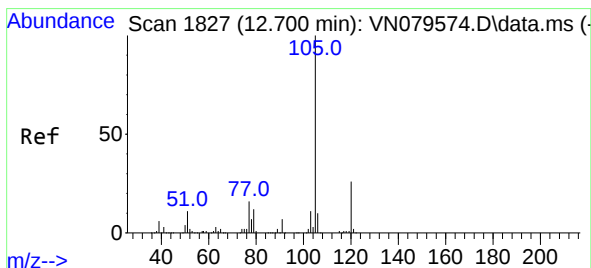
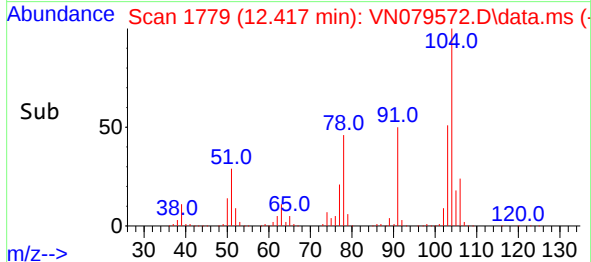
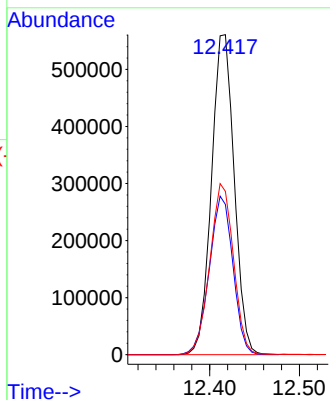
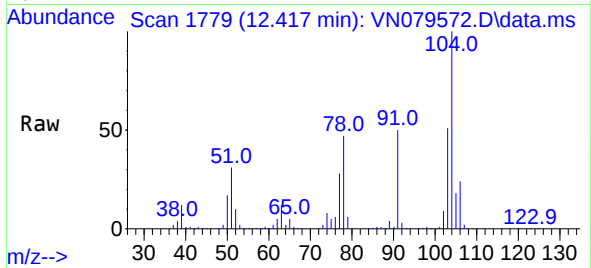
#69
Styrene
Concen: 107.993 ug/l
RT: 12.417 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:104 Resp: 988015
Ion Ratio Lower Upper
104 100
78 51.6 41.2 61.8
103 55.6 43.1 64.7

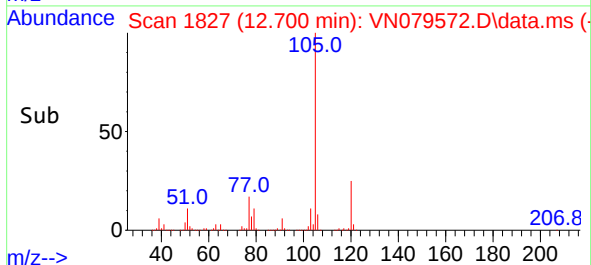
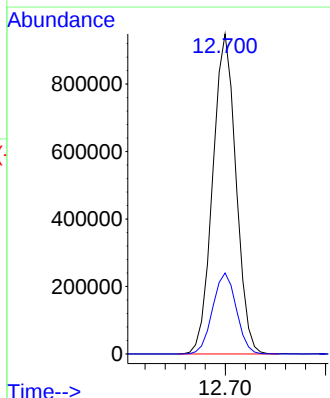
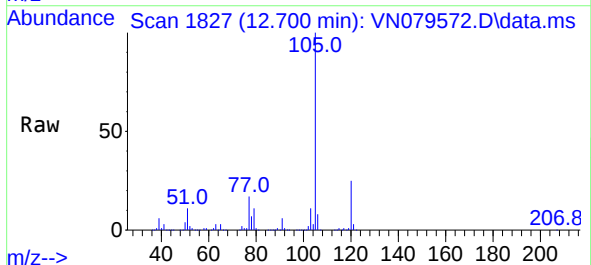
Manual Integrations
APPROVED

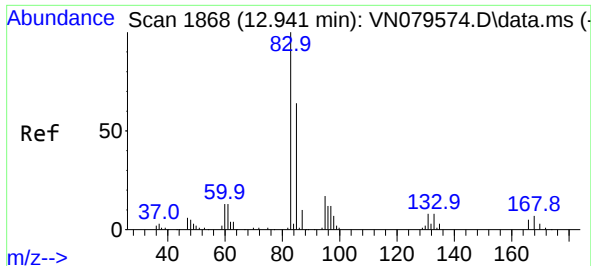
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#70
Isopropylbenzene
Concen: 103.349 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

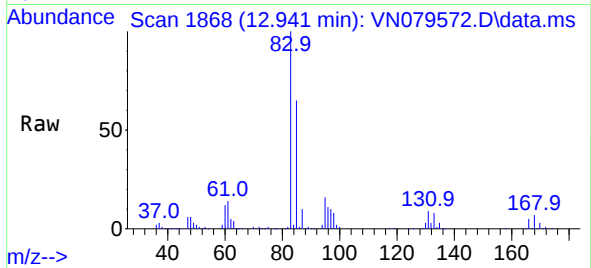
Tgt Ion:105 Resp: 1528509
Ion Ratio Lower Upper
105 100
120 25.7 18.1 33.5





#71
1,1,2,2-Tetrachloroethane
Concen: 89.260 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

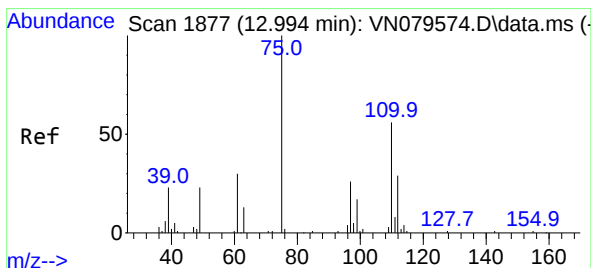
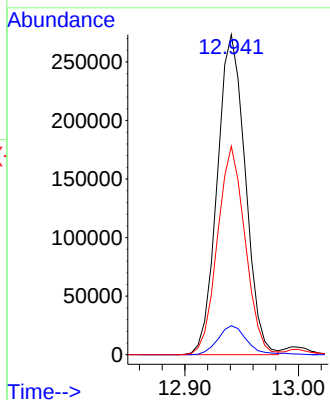
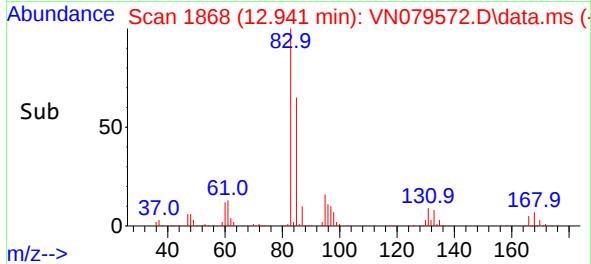
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



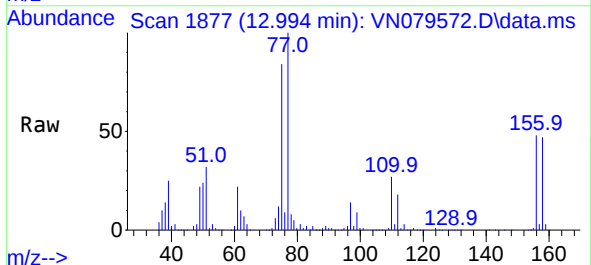
Tgt Ion: 83 Resp: 469399
Ion Ratio Lower Upper
83 100
131 9.4 4.5 13.4
85 64.2 32.1 96.3

Manual Integrations
APPROVED

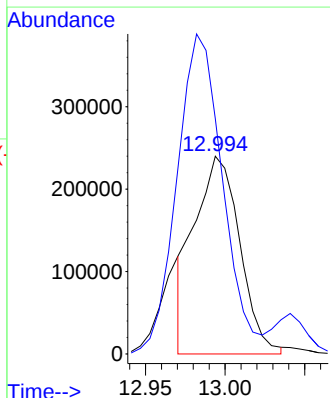
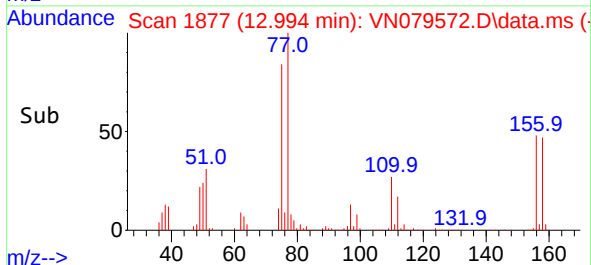
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

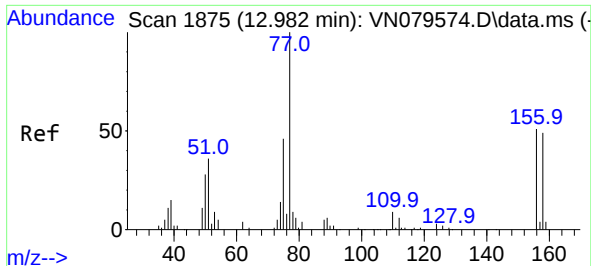


#72
1,2,3-Trichloropropane
Concen: 93.677 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33



Tgt Ion: 75 Resp: 474640
Ion Ratio Lower Upper
75 100
77 163.1 0.0 338.2





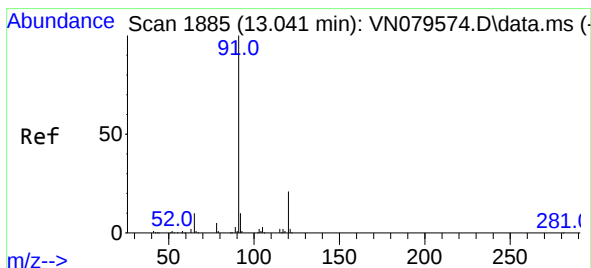
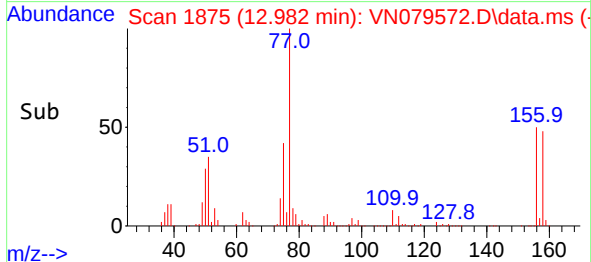
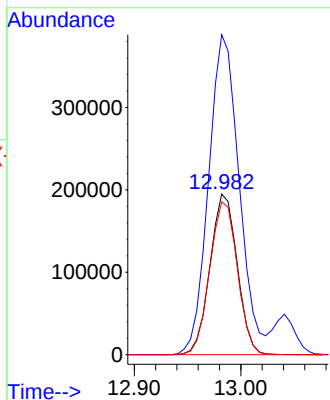
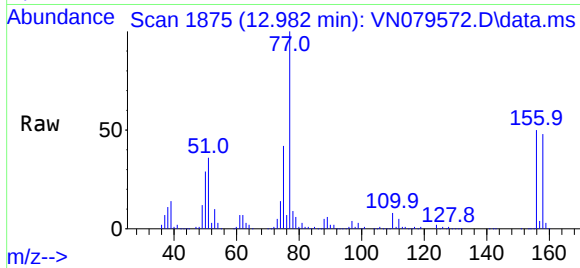
#73
Bromobenzene
Concen: 99.501 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:156 Resp: 34569
Ion Ratio Lower Upper
156 100
77 224.0 0.0 448.2
158 96.5 0.0 194.8

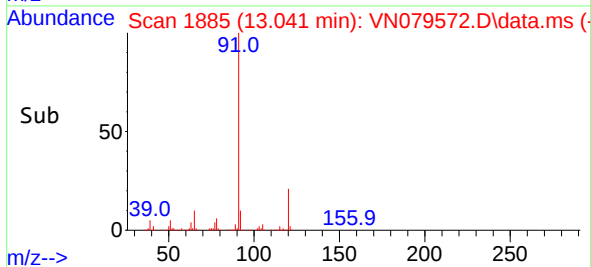
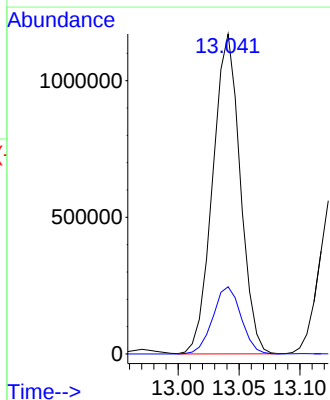
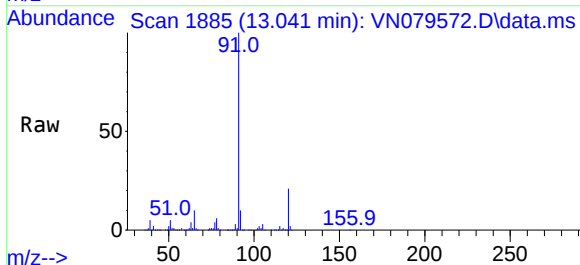
Manual Integrations
APPROVED

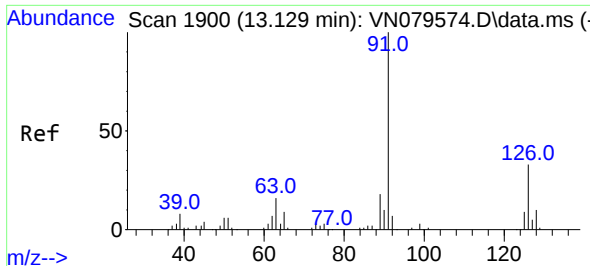
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#74
n-propylbenzene
Concen: 106.743 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

Tgt Ion: 91 Resp: 1837955
Ion Ratio Lower Upper
91 100
120 21.5 0.0 42.0





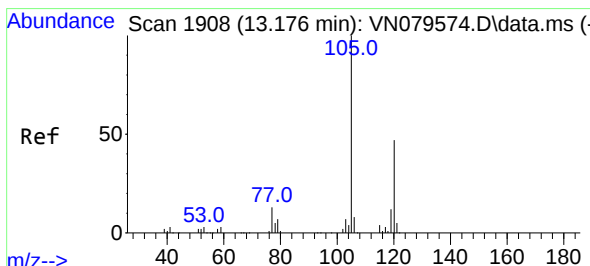
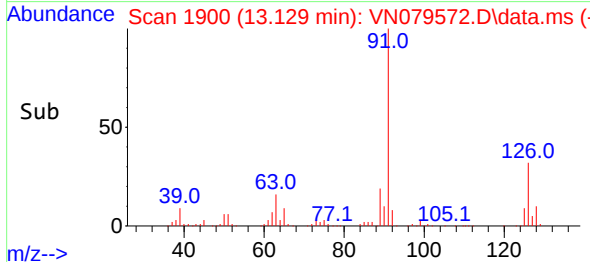
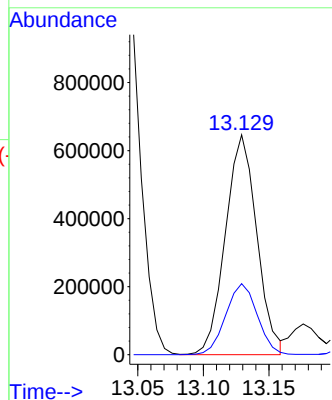
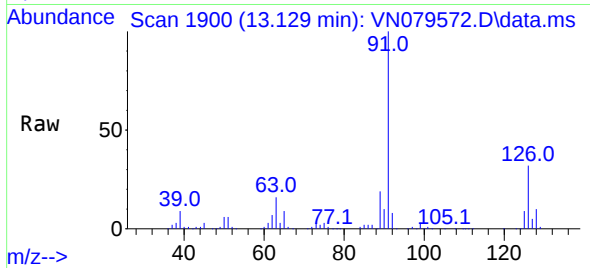
#75
2-Chlorotoluene
Concen: 100.573 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 1076582
Ion Ratio Lower Upper
91 100
126 32.4 0.0 64.6

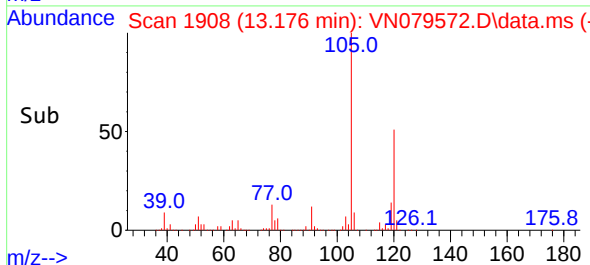
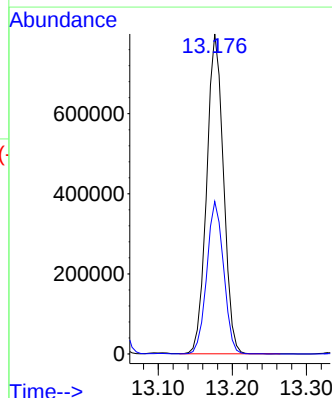
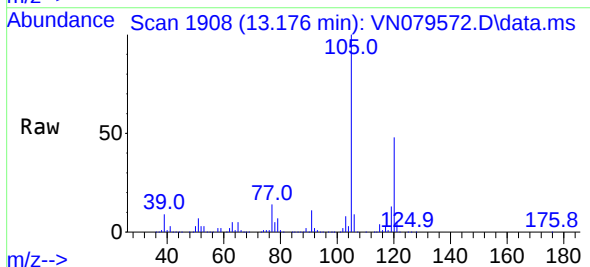
Manual Integrations
APPROVED

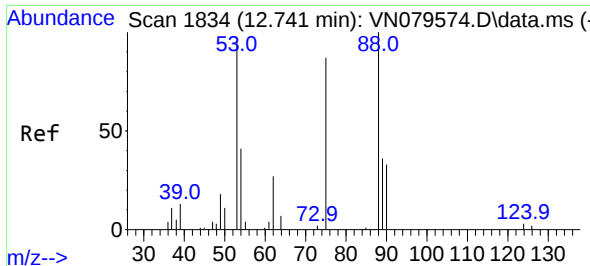
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#76
1,3,5-Trimethylbenzene
Concen: 103.891 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

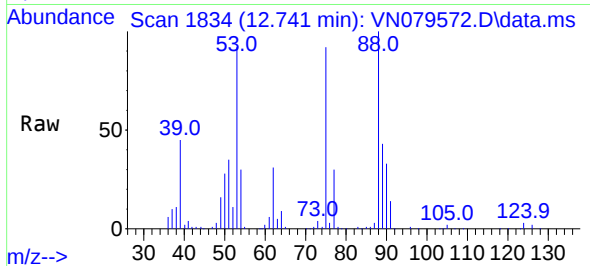
Tgt Ion:105 Resp: 1256082
Ion Ratio Lower Upper
105 100
120 47.7 0.0 93.2





#77
t-1,4-Dichloro-2-butene
Concen: 104.705 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

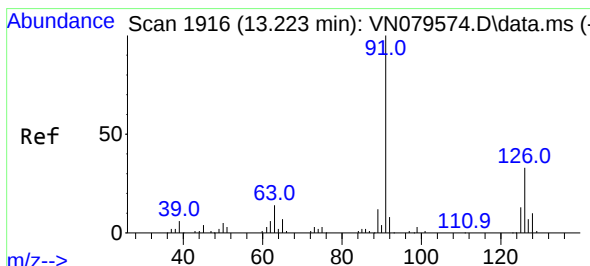
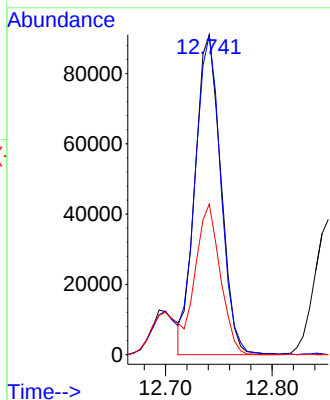
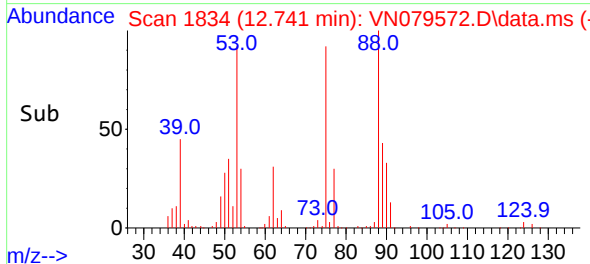
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



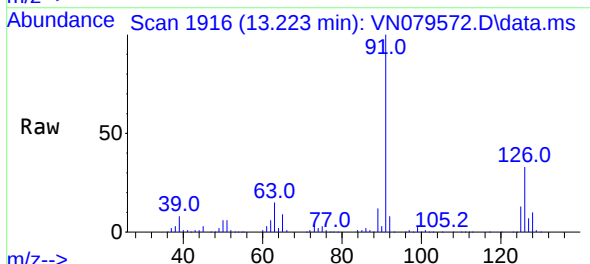
Tgt Ion: 75 Resp: 152612
Ion Ratio Lower Upper
75 100
53 99.7 53.0 159.1
89 47.2 22.6 67.7

Manual Integrations
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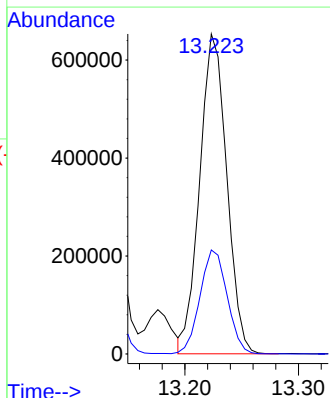
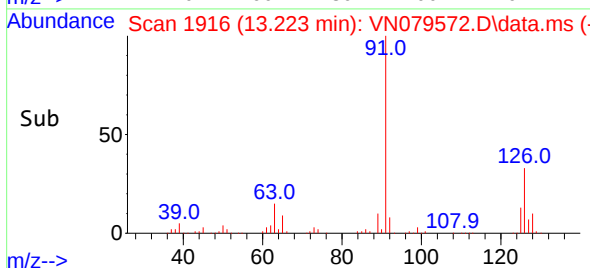
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

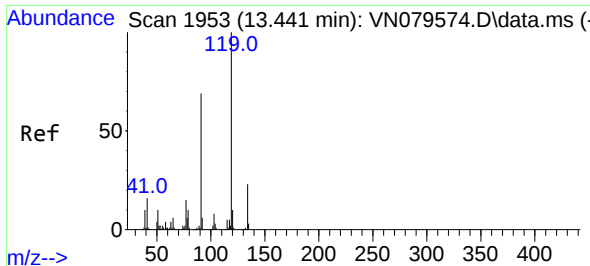


#78
4-Chlorotoluene
Concen: 106.769 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33



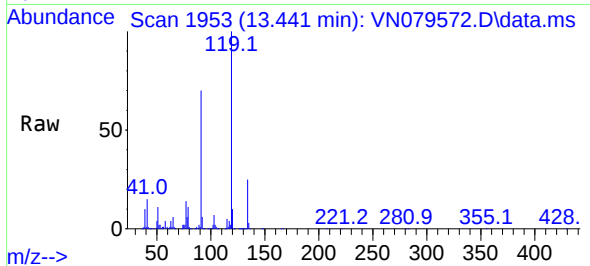
Tgt Ion: 91 Resp: 1079859
Ion Ratio Lower Upper
91 100
126 32.7 0.0 65.4





#79
tert-butylbenzene
Concen: 103.302 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

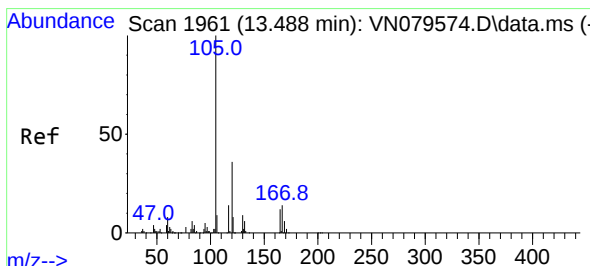
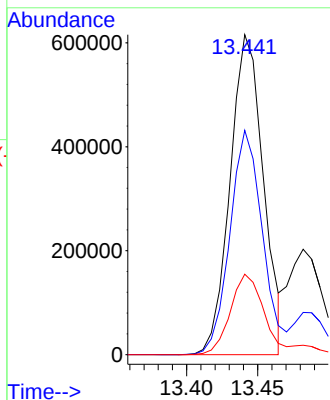
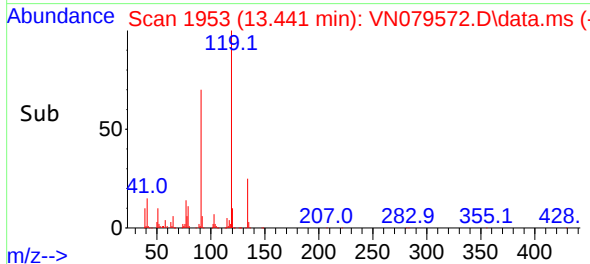
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:119 Resp: 1004183
Ion Ratio Lower Upper
119 100
91 69.1 0.0 140.6
134 25.1 0.0 49.8

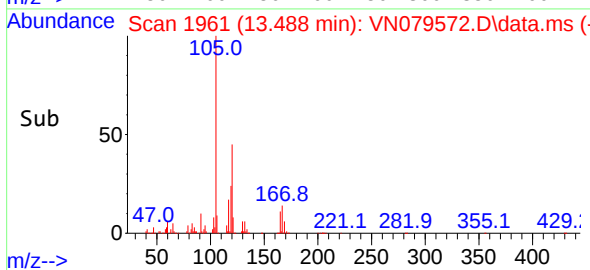
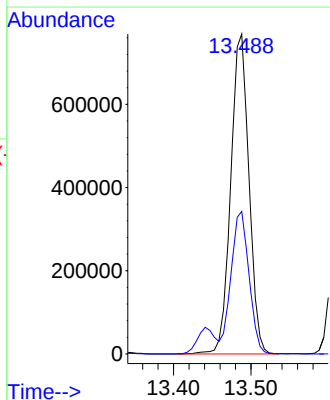
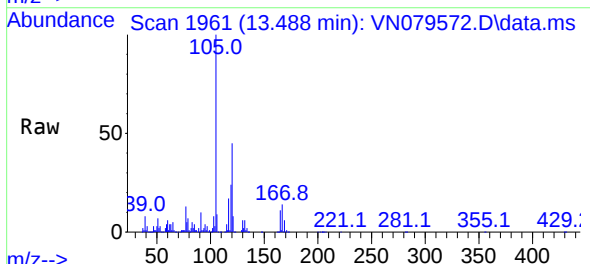
Manual Integrations
APPROVED

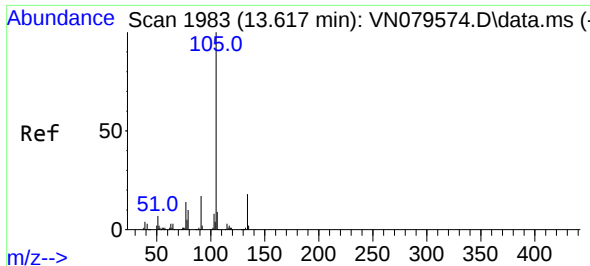
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#80
1,2,4-Trimethylbenzene
Concen: 107.283 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

Tgt Ion:105 Resp: 1256832
Ion Ratio Lower Upper
105 100
120 44.0 0.0 88.6





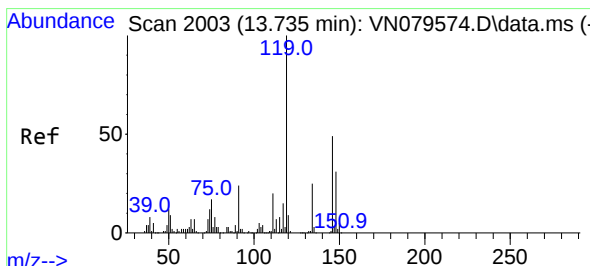
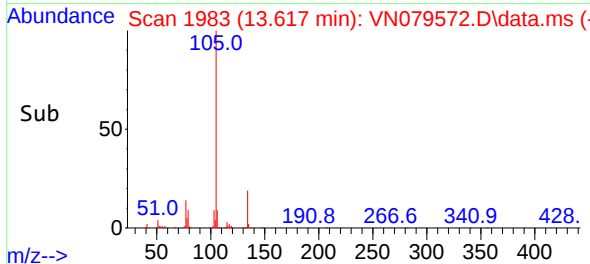
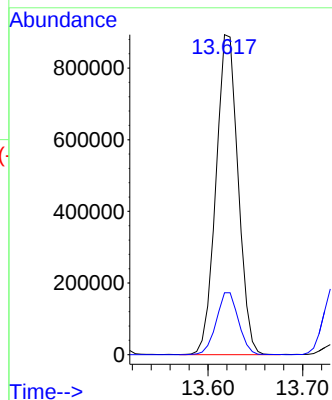
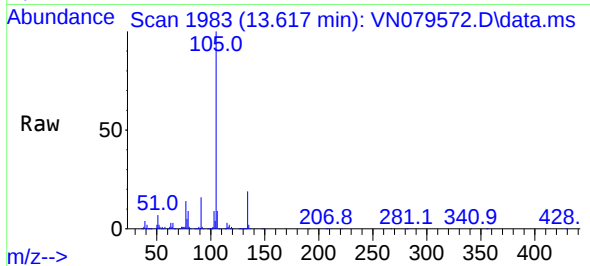
#81
 sec-Butylbenzene
 Concen: 106.383 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079572.D
 Acq: 17 Oct 2023 10:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 1451762
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 38.2

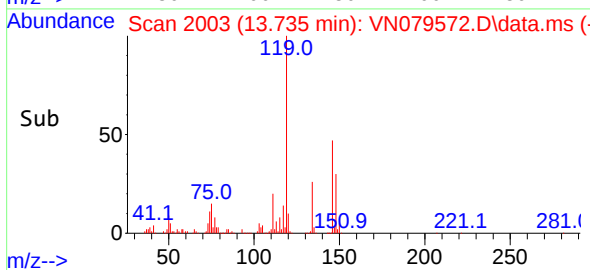
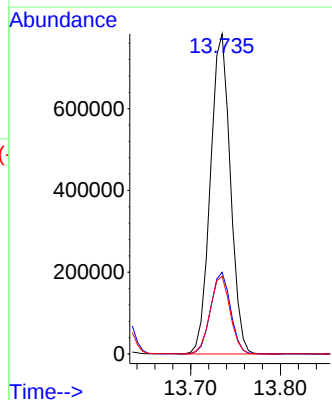
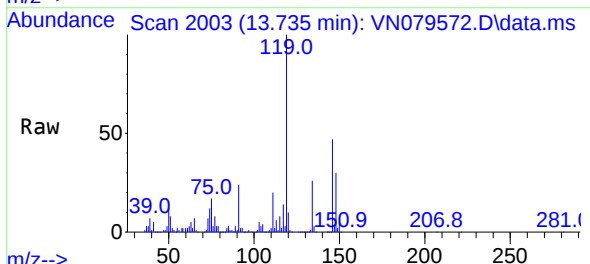
Manual Integrations
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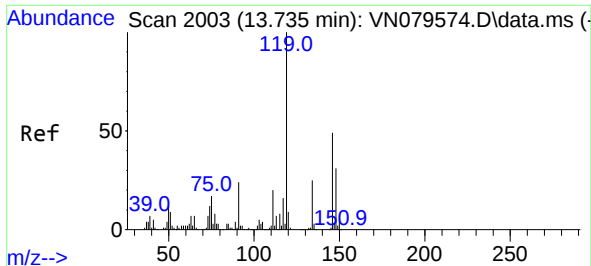
Reviewed By :John Carlone 10/18/2023
 Supervised By :Mahesh Dadoda 10/20/2023



#82
 p-Isopropyltoluene
 Concen: 111.733 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079572.D
 Acq: 17 Oct 2023 10:33

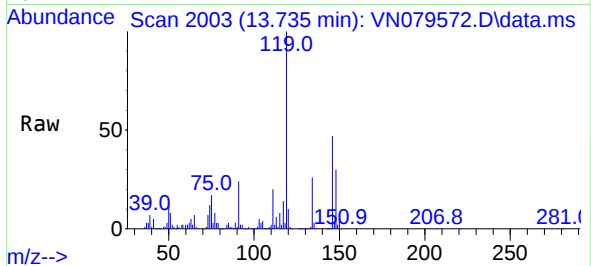
Tgt Ion:119 Resp: 1209514
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 52.2
 91 24.2 0.0 50.0





#83
1,3-Dichlorobenzene
Concen: 110.044 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

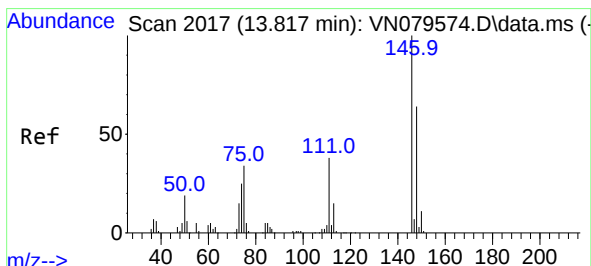
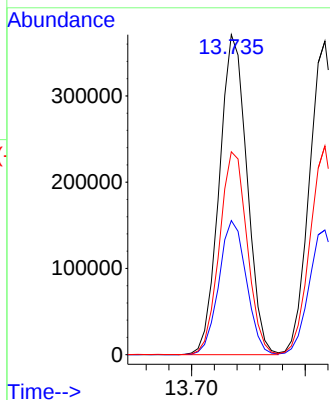
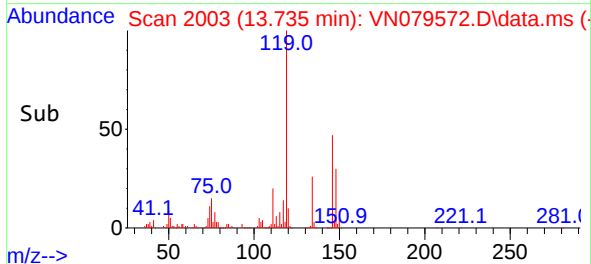
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



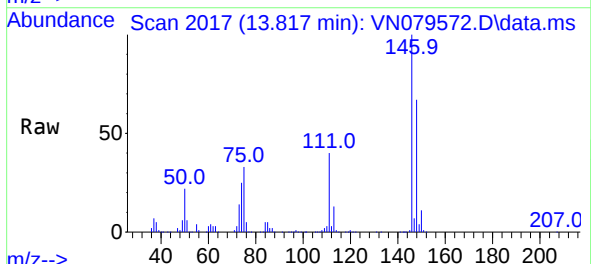
Tgt Ion:146 Resp: 628680
Ion Ratio Lower Upper
146 100
111 41.7 21.0 63.0
148 63.5 32.4 97.0

Manual Integrations
APPROVED

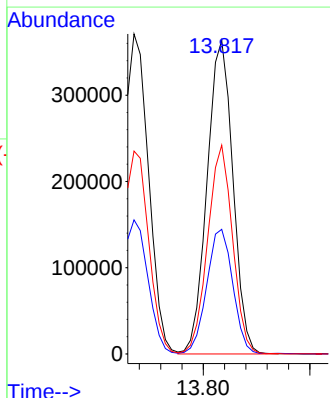
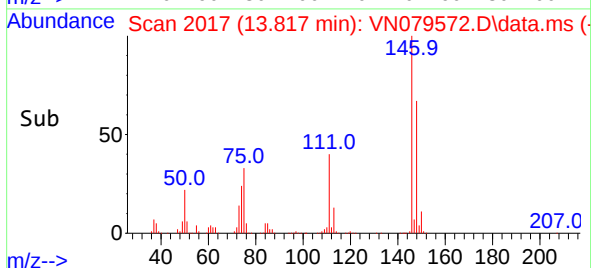
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

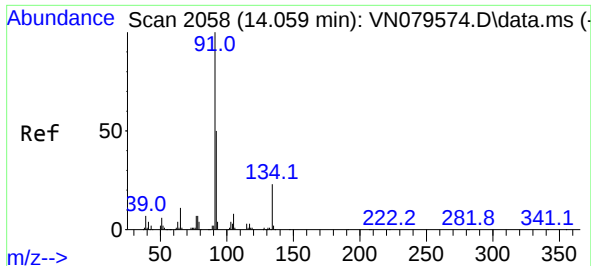


#84
1,4-Dichlorobenzene
Concen: 111.737 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33



Tgt Ion:146 Resp: 611977
Ion Ratio Lower Upper
146 100
111 40.1 19.9 59.7
148 64.2 32.6 97.7





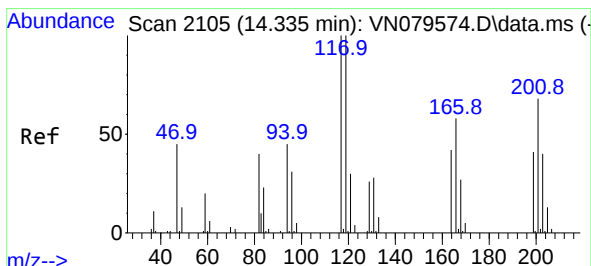
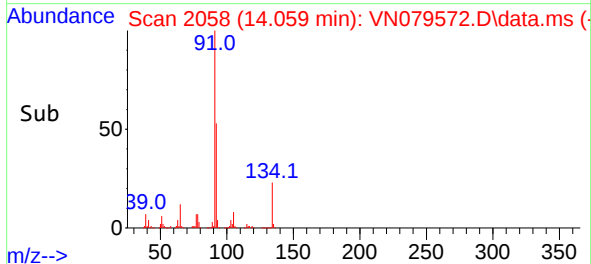
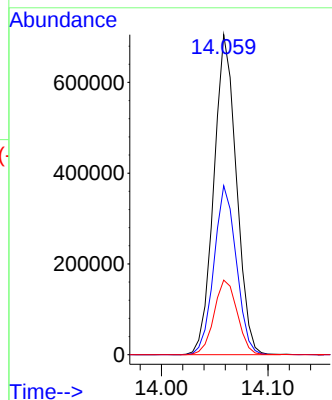
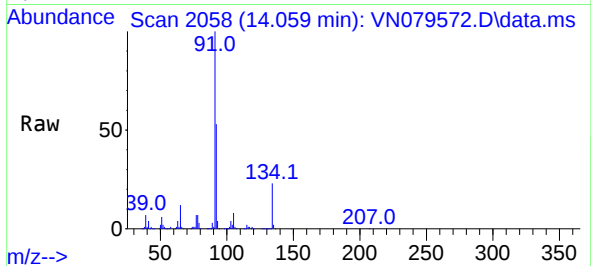
#85
n-Butylbenzene
Concen: 122.665 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 1037480
Ion Ratio Lower Upper
91 100
92 52.3 0.0 99.6
134 23.9 0.0 46.2

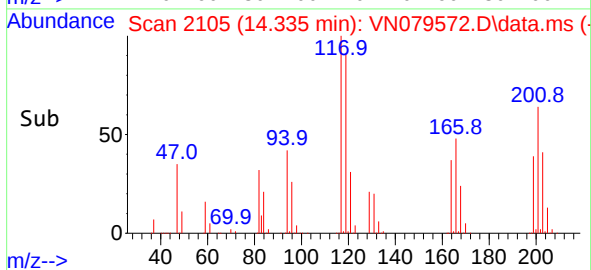
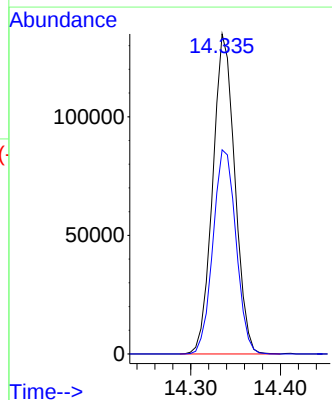
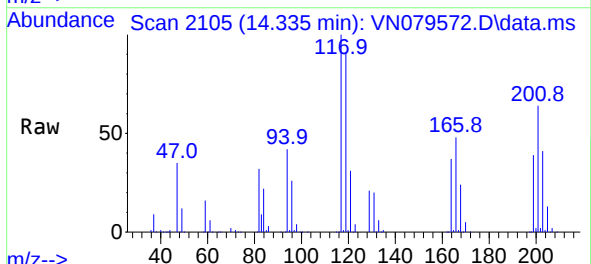
Manual Integrations
APPROVED

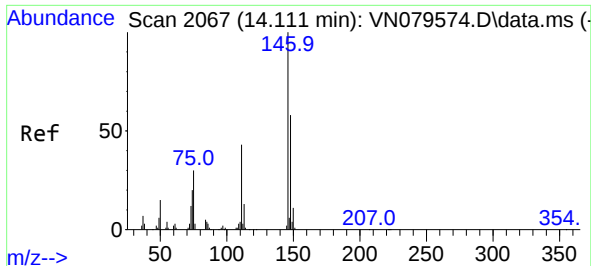
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#86
Hexachloroethane
Concen: 98.570 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

Tgt Ion:117 Resp: 230677
Ion Ratio Lower Upper
117 100
201 66.5 32.5 97.5





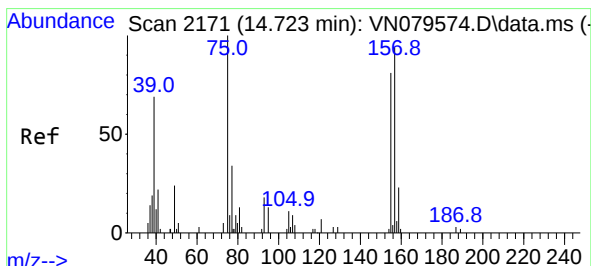
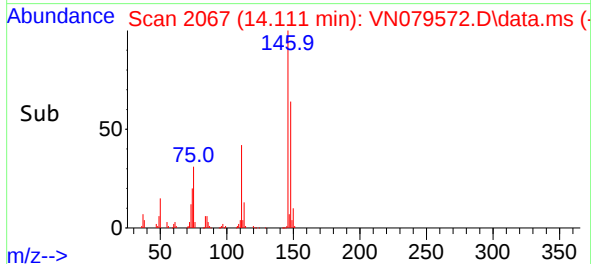
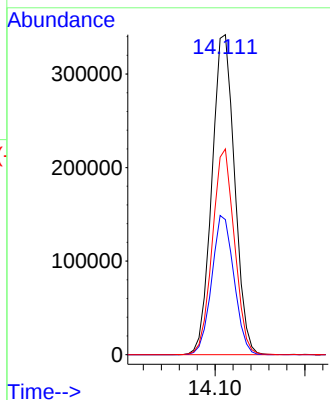
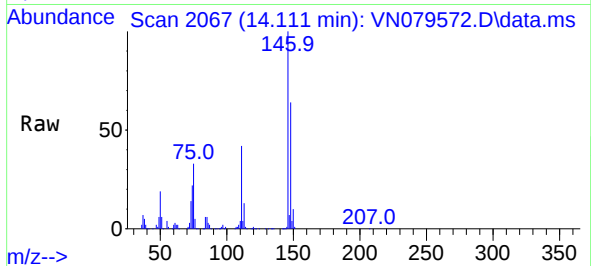
#87
1,2-Dichlorobenzene
Concen: 105.792 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:146 Resp: 60074
Ion Ratio Lower Upper
146 100
111 42.7 22.0 66.0
148 62.7 31.1 93.5

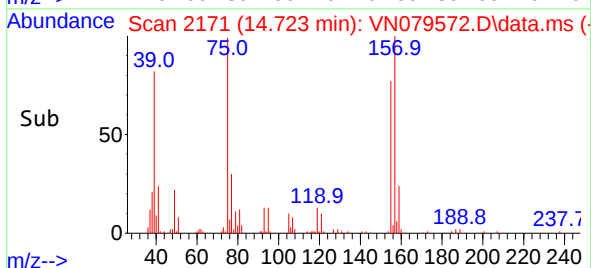
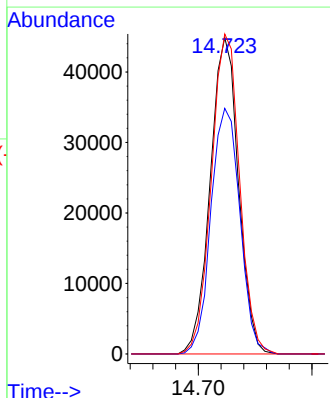
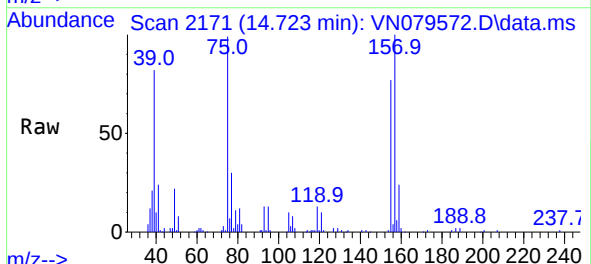
Manual Integrations
APPROVED

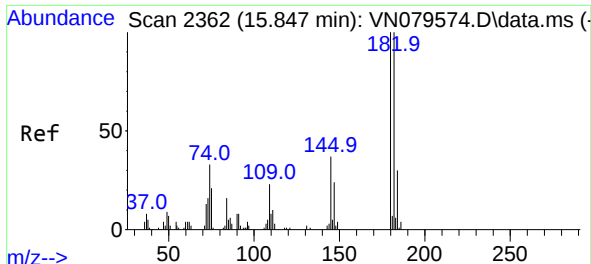
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 96.793 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

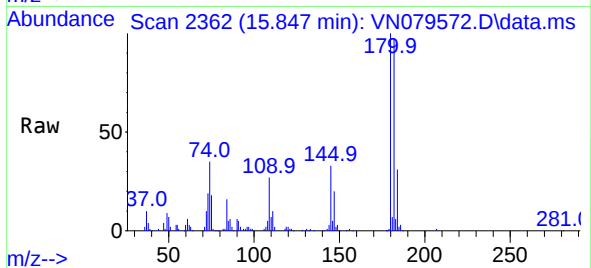
Tgt Ion: 75 Resp: 77561
Ion Ratio Lower Upper
75 100
155 79.7 60.7 91.1
157 101.0 76.8 115.2





#89
1,2,4-Trichlorobenzene
Concen: 116.595 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

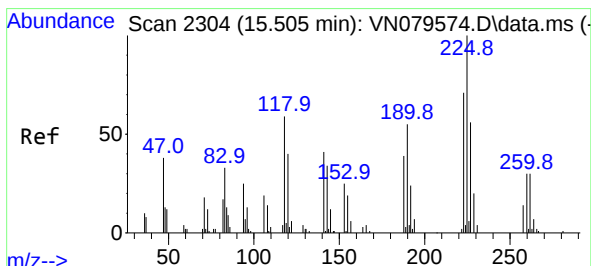
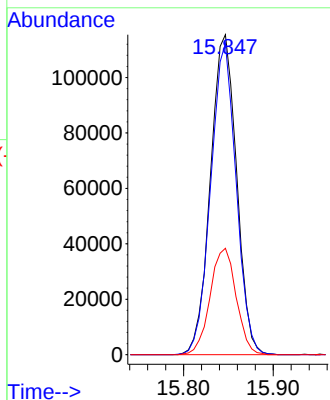
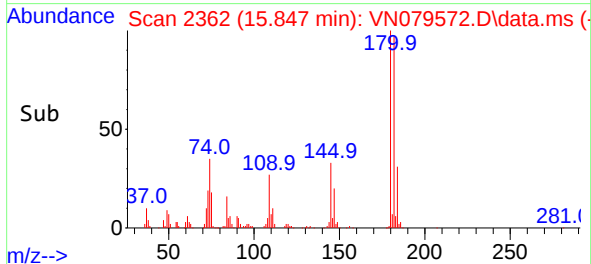
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



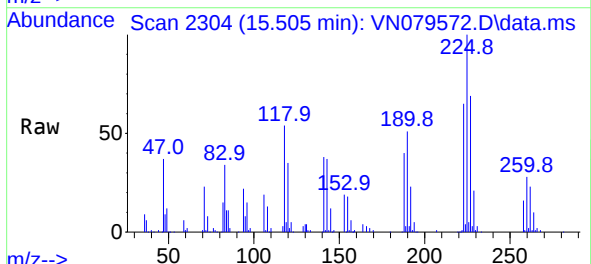
Tgt Ion:180 Resp: 233360
Ion Ratio Lower Upper
180 100
182 94.4 74.2 111.4
145 33.2 25.4 38.2

Manual Integrations
APPROVED

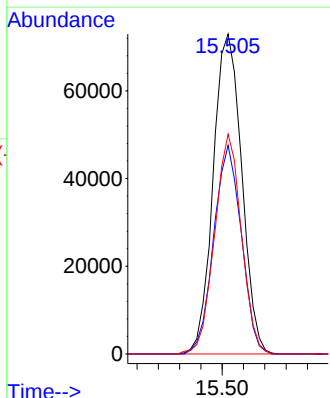
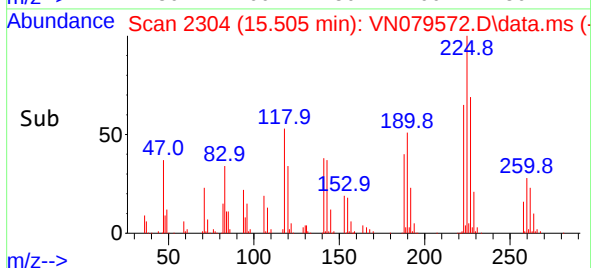
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

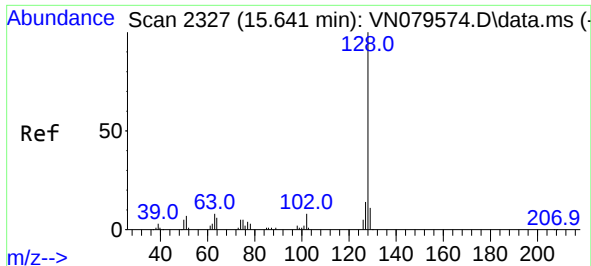


#90
Hexachlorobutadiene
Concen: 95.610 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33



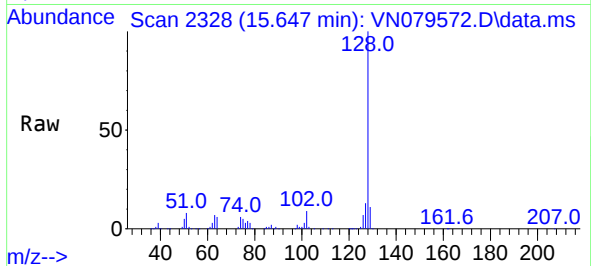
Tgt Ion:225 Resp: 135549
Ion Ratio Lower Upper
225 100
223 63.1 0.0 126.0
227 64.4 0.0 127.0





#91
Naphthalene
Concen: 127.508 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33

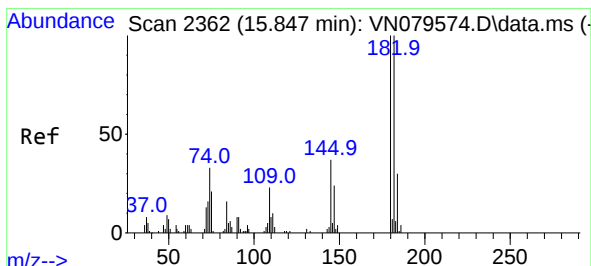
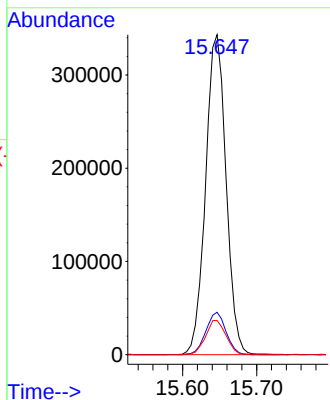
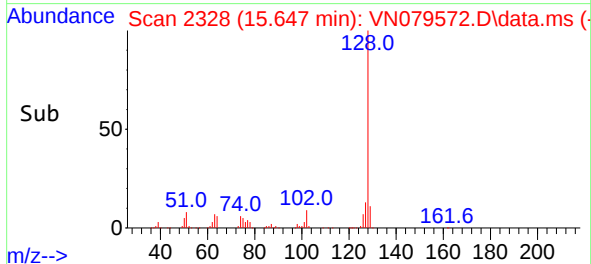
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



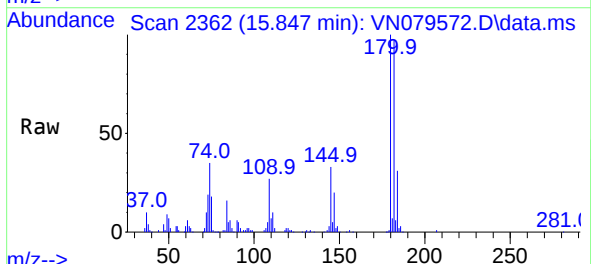
Tgt Ion:128 Resp: 658325
Ion Ratio Lower Upper
128 100
127 13.1 10.9 16.3
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#92
1,2,3-Trichlorobenzene
Concen: 116.595 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN079572.D
Acq: 17 Oct 2023 10:33



Tgt Ion:180 Resp: 233366
Ion Ratio Lower Upper
180 100
182 94.4 0.0 185.6
145 33.2 0.0 63.6

