

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091123\
 Data File : VN079220.D
 Acq On : 11 Sep 2023 15:31
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Sep 12 04:48:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 04:47:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/12/2023
 Supervised By : Mahesh Dadoda 09/12/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	129391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	227279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	190361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	56669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	1345	1.051	ug/l	90
3) Chloromethane	2.365	50	1947	1.158	ug/l	92
4) Vinyl Chloride	2.518	62	1799	0.982	ug/l #	42
6) Chloroethane	3.112	64	2020m	0.790	ug/l	
7) Trichlorofluoromethane	3.495	101	2880	1.074	ug/l #	81
8) Diethyl Ether	3.959	74	786	0.844	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	1400	0.982	ug/l #	37
12) 1,1-Dichloroethene	4.342	96	1308	0.948	ug/l #	68
14) Allyl chloride	5.012	41	2070	0.940	ug/l #	19
15) Acrylonitrile	5.730	53	4288	5.128	ug/l	92
16) Acetone	4.448	43	3854	5.195	ug/l #	79
17) Carbon Disulfide	4.712	76	5282	1.225	ug/l #	91
18) Methyl Acetate	5.042	43	3072	1.008	ug/l #	65
19) Methyl tert-butyl Ether	5.806	73	4413	0.932	ug/l	93
20) Methylene Chloride	5.271	84	2208	1.223	ug/l #	87
21) trans-1,2-Dichloroethene	5.783	96	1669	1.043	ug/l #	78
22) Diisopropyl ether	6.683	45	4121	0.853	ug/l #	92
23) Vinyl Acetate	6.618	43	12805	4.013	ug/l #	91
24) 1,1-Dichloroethane	6.571	63	2957	0.993	ug/l #	81
25) 2-Butanone	7.500	43	5078	4.718	ug/l #	71
26) 2,2-Dichloropropane	7.506	77	2503	0.994	ug/l #	65
27) cis-1,2-Dichloroethene	7.500	96	1884	1.029	ug/l	77
28) Bromochloromethane	7.818	49	1440	1.070	ug/l #	74
29) Tetrahydrofuran	7.847	42	3048	4.450	ug/l #	74
30) Chloroform	7.965	83	3170	1.023	ug/l #	82
32) 1,1,1-Trichloroethane	8.177	97	2413	0.913	ug/l #	49
36) 1,1-Dichloropropene	8.377	75	2171	0.932	ug/l	84
37) Ethyl Acetate	7.571	43	2184	0.953	ug/l #	63
38) Carbon Tetrachloride	8.365	117	2336	0.969	ug/l	85
39) Methylcyclohexane	9.606	83	1953	0.850	ug/l #	86
40) Benzene	8.612	78	6690	0.938	ug/l	96
41) Methacrylonitrile	7.783	41	923	0.768	ug/l #	18
42) 1,2-Dichloroethane	8.677	62	2353	0.958	ug/l #	73
43) Isopropyl Acetate	8.700	43	3738	0.986	ug/l #	51
44) Trichloroethene	9.359	130	1722	0.980	ug/l	82
45) 1,2-Dichloropropane	9.630	63	1653	0.934	ug/l #	87

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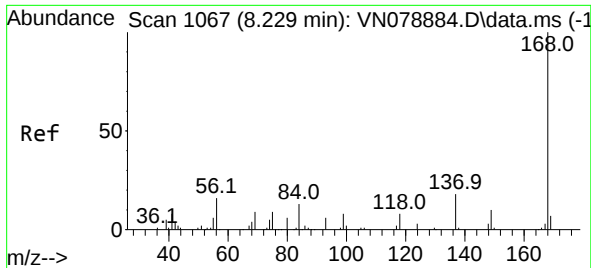
Manual Integrations
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Reviewed By : John Carlone 09/12/2023
 Supervised By : Mahesh Dadoda 09/12/2023

Quant Time: Sep 12 04:48:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
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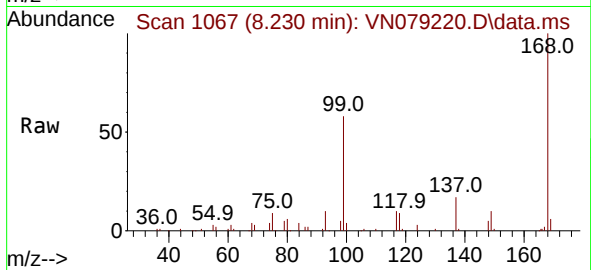
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.712	93	1057	0.879	ug/l	85
47) Bromodichloromethane	9.894	83	2257	0.917	ug/l #	91
48) Methyl methacrylate	9.688	41	1498	0.882	ug/l #	73
49) 1,4-Dioxane	9.700	88	630	18.031	ug/l #	74
51) 4-Methyl-2-Pentanone	10.453	43	9753	4.430	ug/l	89
52) Toluene	10.635	92	4256	0.971	ug/l	84
53) t-1,3-Dichloropropene	10.847	75	2292	0.883	ug/l	94
54) cis-1,3-Dichloropropene	10.318	75	2413	0.869	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	1555	0.904	ug/l #	86
56) Ethyl methacrylate	10.882	69	1838	0.757	ug/l #	86
57) 1,3-Dichloropropane	11.171	76	2769	0.931	ug/l #	88
58) 2-Chloroethyl Vinyl ether	10.171	63	2334	1.868	ug/l #	87
59) 2-Hexanone	11.200	43	6648	4.169	ug/l	83
60) Dibromochloromethane	11.365	129	1689	0.923	ug/l	93
61) 1,2-Dibromoethane	11.477	107	1355	0.789	ug/l	98
64) Tetrachloroethene	11.112	164	1448	1.043	ug/l	95
65) Chlorobenzene	11.900	112	4451	1.032	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	1460	0.903	ug/l #	55
67) Ethyl Benzene	11.971	91	6322	0.857	ug/l	99
68) m/p-Xylenes	12.071	106	4657	1.694	ug/l	99
69) o-Xylene	12.400	106	2010	0.762	ug/l	79
70) Styrene	12.412	104	3304	0.779	ug/l	94
71) Bromoform	12.582	173	992	0.831	ug/l #	93
73) Isopropylbenzene	12.706	105	5133	0.996	ug/l	98
74) N-amyl acetate	12.500	43	1784	0.912	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.941	83	2353	1.226	ug/l #	88
76) 1,2,3-Trichloropropane	13.000	75	1910m	1.299	ug/l	
77) Bromobenzene	12.982	156	1478	1.132	ug/l	97
78) n-propylbenzene	13.041	91	5532	0.955	ug/l	99
79) 2-Chlorotoluene	13.129	91	4143	1.094	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	4301	1.001	ug/l	98
82) 4-Chlorotoluene	13.229	91	3690	1.037	ug/l	94
83) tert-Butylbenzene	13.447	119	3319	0.934	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	3616	0.884	ug/l	88
85) sec-Butylbenzene	13.618	105	4733	0.967	ug/l	95
86) p-Isopropyltoluene	13.729	119	3507	0.897	ug/l	93
87) 1,3-Dichlorobenzene	13.741	146	2315	1.081	ug/l	94
88) 1,4-Dichlorobenzene	13.818	146	2492m	1.152	ug/l	
89) n-Butylbenzene	14.059	91	2931	0.954	ug/l	92
90) Hexachloroethane	14.335	117	810	1.020	ug/l	81
91) 1,2-Dichlorobenzene	14.118	146	2144	1.014	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	199	0.658	ug/l #	18
93) 1,2,4-Trichlorobenzene	15.394	180	667	0.878	ug/l	93
94) Hexachlorobutadiene	15.506	225	791	1.324	ug/l	83
95) Naphthalene	15.653	128	2400	1.064	ug/l #	74
96) 1,2,3-Trichlorobenzene	15.847	180	1038	1.158	ug/l	79

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

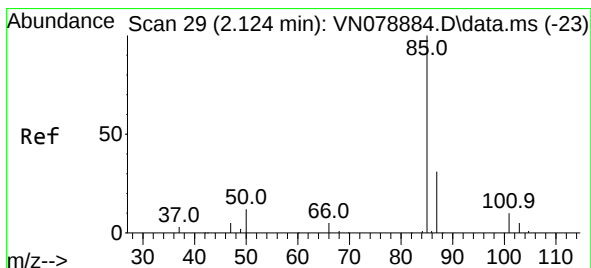
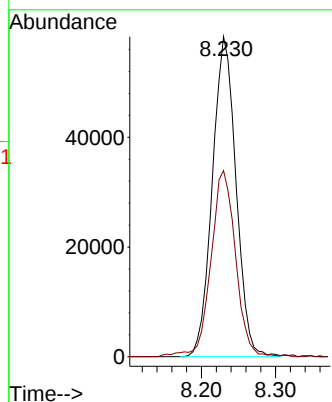
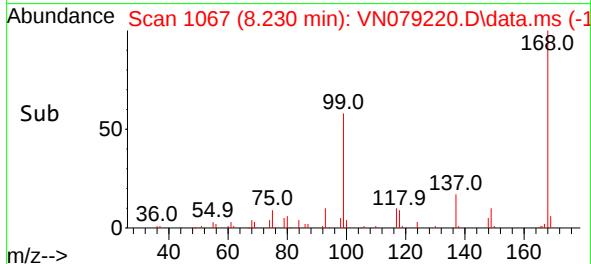
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion:168 Resp: 12939
Ion Ratio Lower Upper
168 100
99 57.9 53.0 79.6

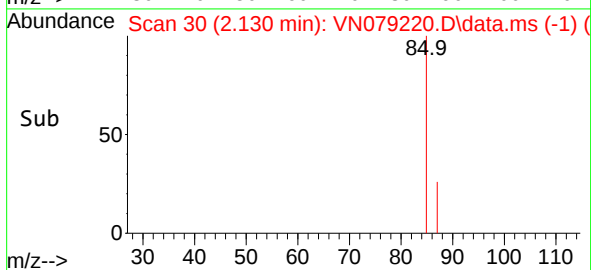
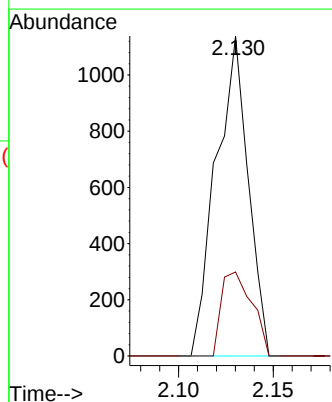
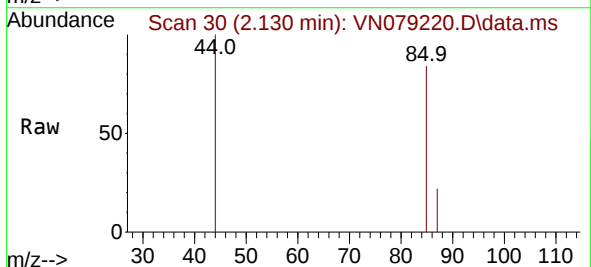
Manual Integrations
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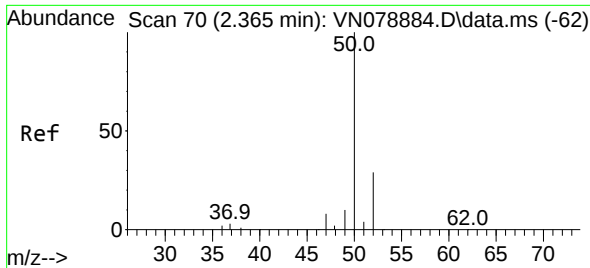
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#2
Dichlorodifluoromethane
Concen: 1.051 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

Tgt Ion: 85 Resp: 1345
Ion Ratio Lower Upper
85 100
87 26.3 15.8 47.4





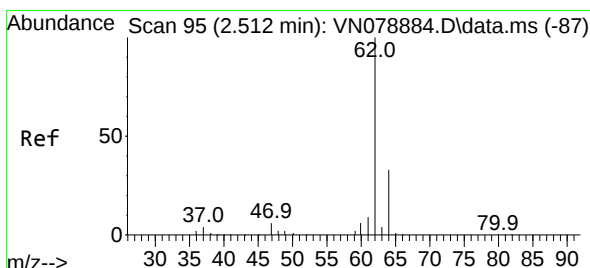
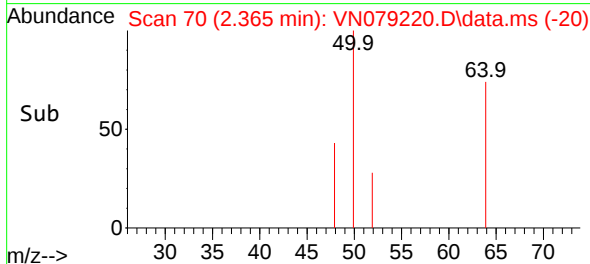
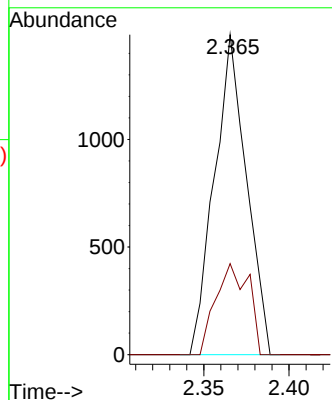
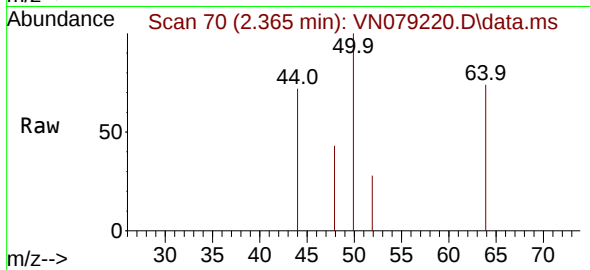
#3
Chloromethane
Concen: 1.158 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 50 Resp: 194
Ion Ratio Lower Upper
50 100
52 28.4 26.5 39.7

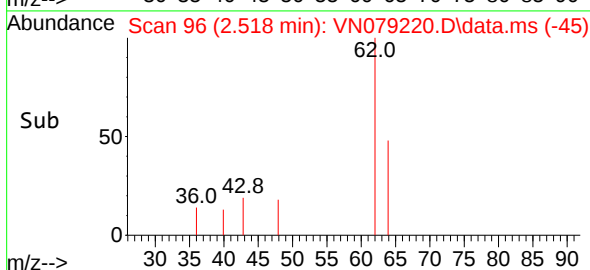
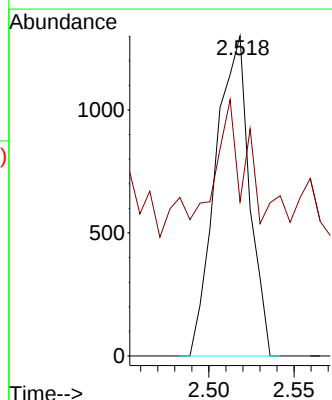
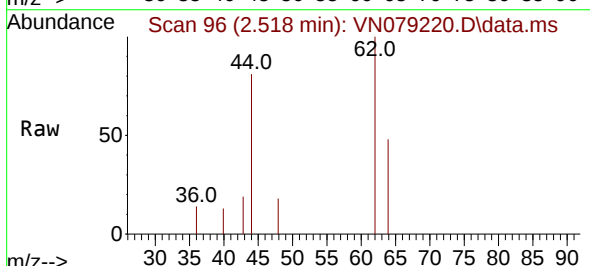
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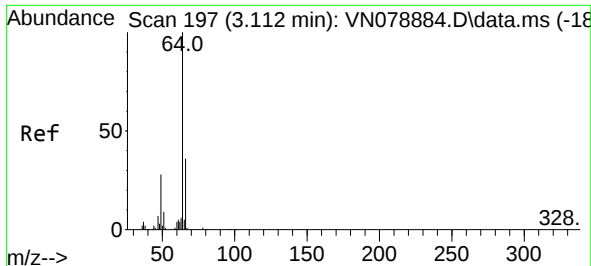
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#4
Vinyl Chloride
Concen: 0.982 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

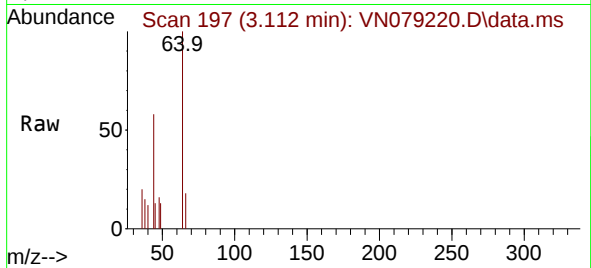
Tgt Ion: 62 Resp: 1799
Ion Ratio Lower Upper
62 100
64 0.0 26.2 39.2#





#6
Chloroethane
Concen: 0.790 ug/l m
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

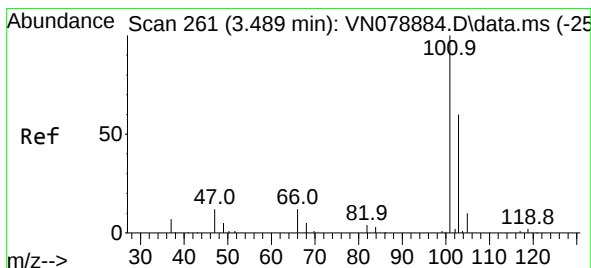
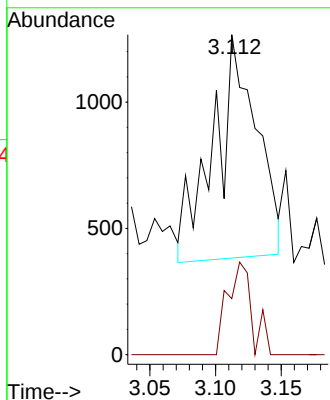
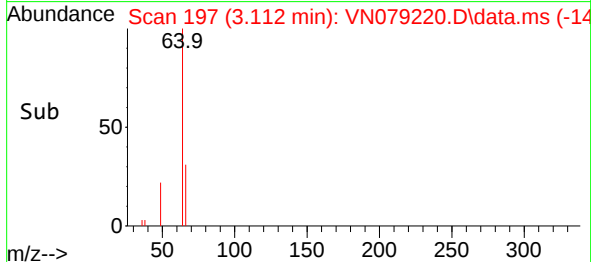
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 64 Resp: 2020
Ion Ratio Lower Upper
64 100
66 17.5 25.4 38.2

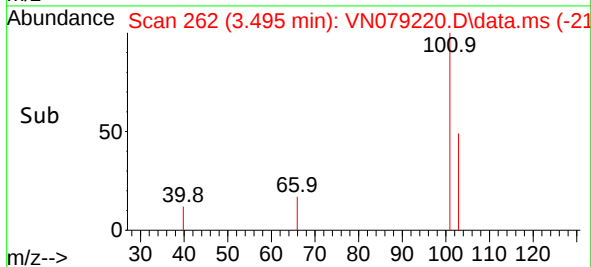
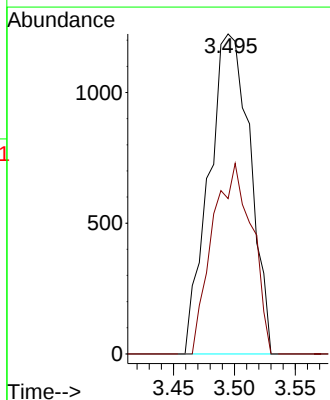
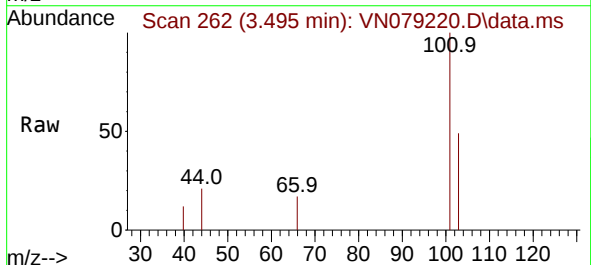
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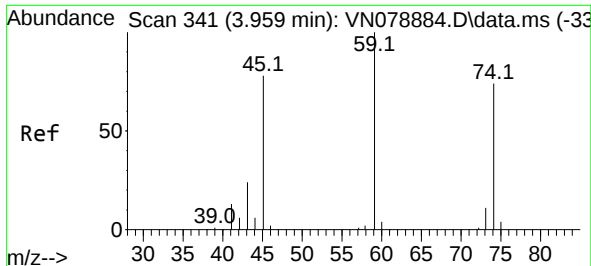
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#7
Trichlorofluoromethane
Concen: 1.074 ug/l
RT: 3.495 min Scan# 262
Delta R.T. -0.006 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

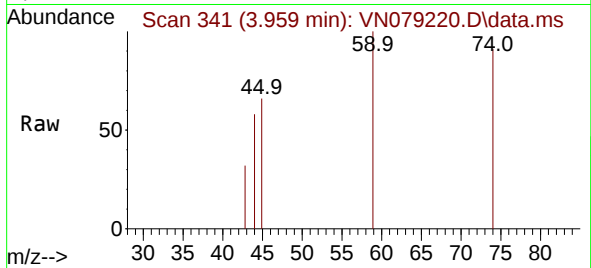
Tgt Ion:101 Resp: 2880
Ion Ratio Lower Upper
101 100
103 48.5 50.7 76.1





#8
Diethyl Ether
Concen: 0.844 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.012 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

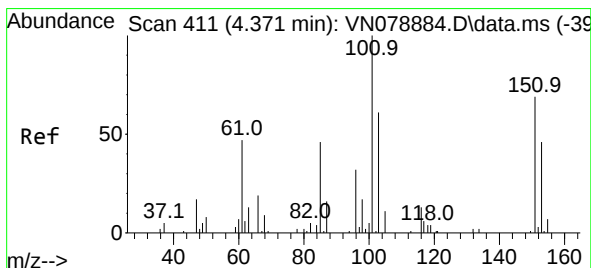
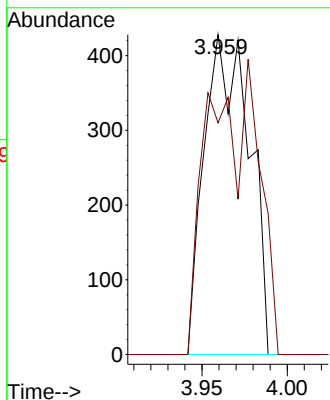
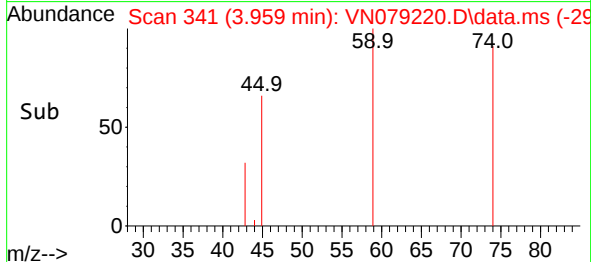
Instrument :
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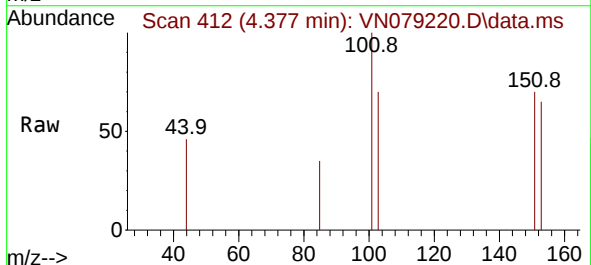
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Ion Ratio Lower Upper
74 100
45 64.5 34.4 103.3

Manual Integrations
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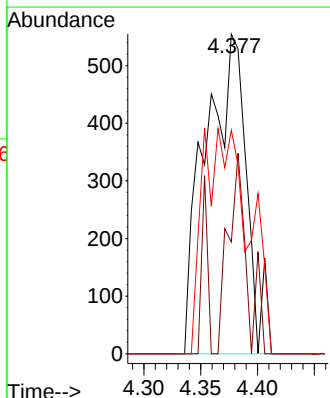
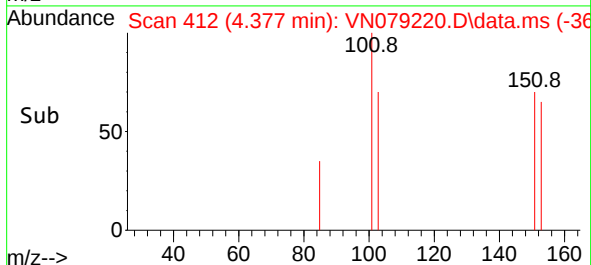
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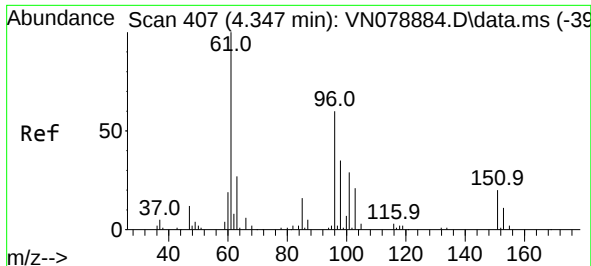


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.982 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31



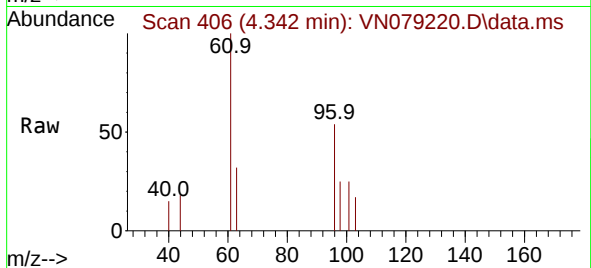
Tgt Ion:101 Resp: 1400
Ion Ratio Lower Upper
101 100
85 28.5 36.6 55.0#
151 0.0 57.6 86.4#





#12
1,1-Dichloroethene
Concen: 0.948 ug/l
RT: 4.342 min Scan# 407
Delta R.T. -0.006 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

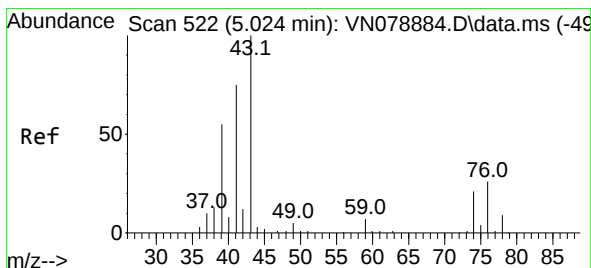
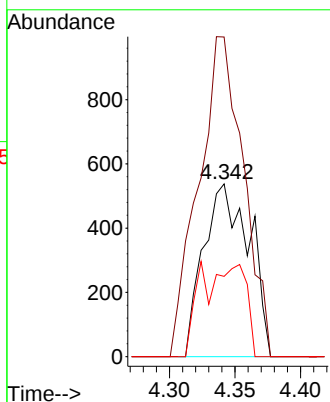
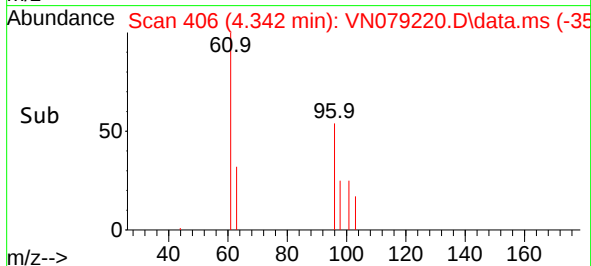
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



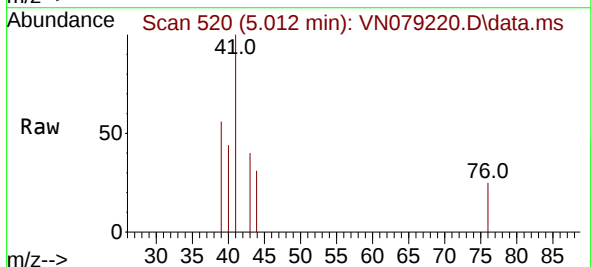
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Ion Ratio Lower Upper
96 100
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98 46.5 51.2 76.8#

Manual Integrations
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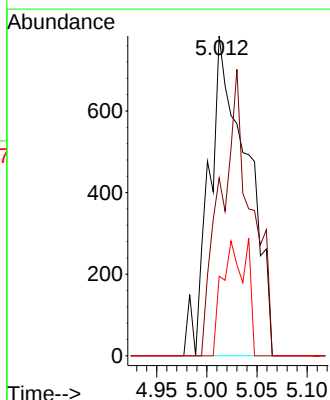
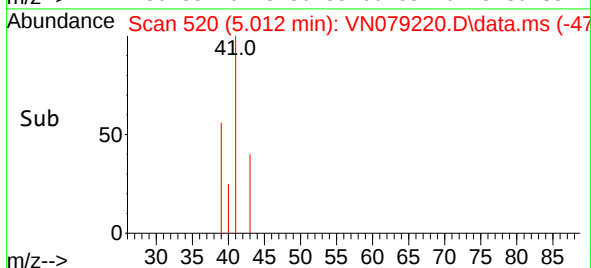
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

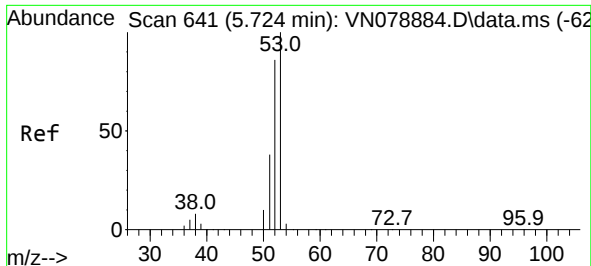


#14
Allyl chloride
Concen: 0.940 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.018 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31



Tgt Ion: 41 Resp: 2070
Ion Ratio Lower Upper
41 100
39 0.0 58.8 88.2#
76 0.0 39.1 58.7#





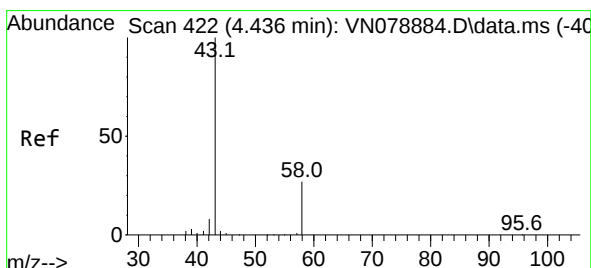
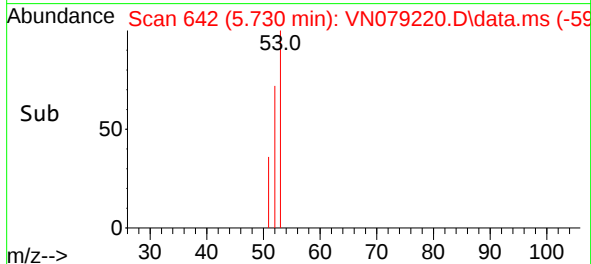
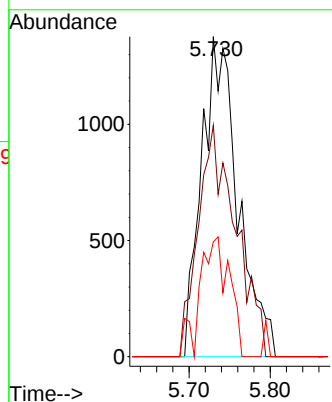
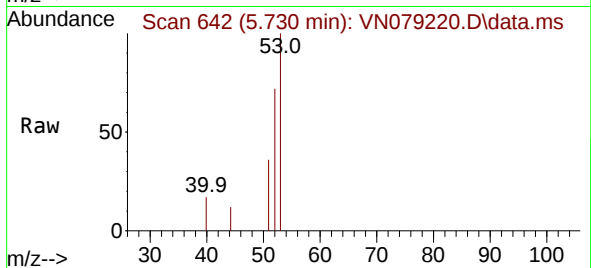
#15
Acrylonitrile
Concen: 5.128 ug/l
RT: 5.730 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 53 Resp: 4288
Ion Ratio Lower Upper
53 100
52 74.6 65.3 97.9
51 30.4 28.9 43.3

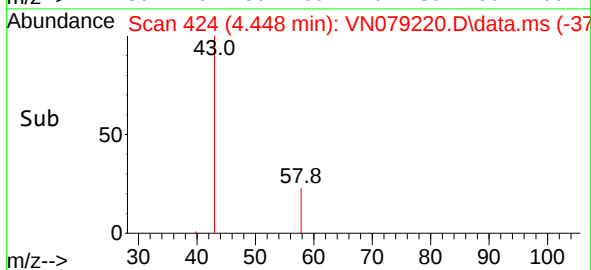
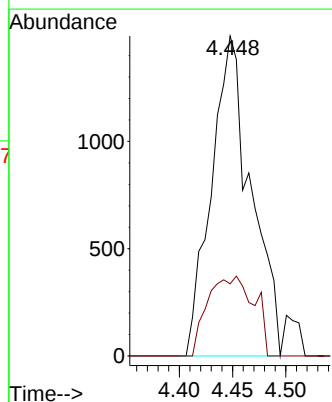
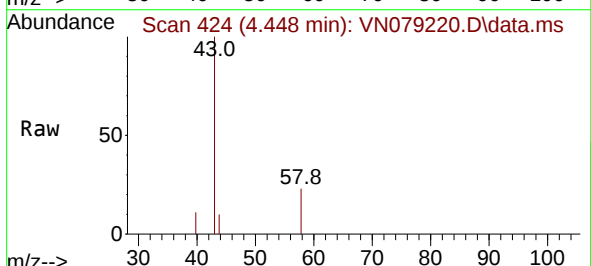
Manual Integrations
APPROVED

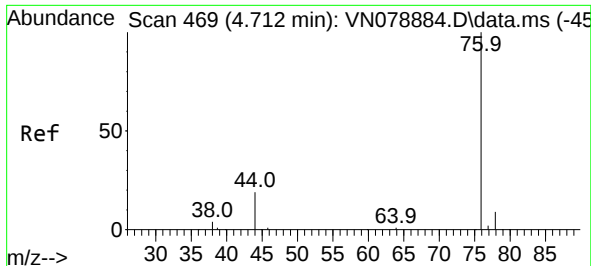
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#16
Acetone
Concen: 5.195 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.006 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

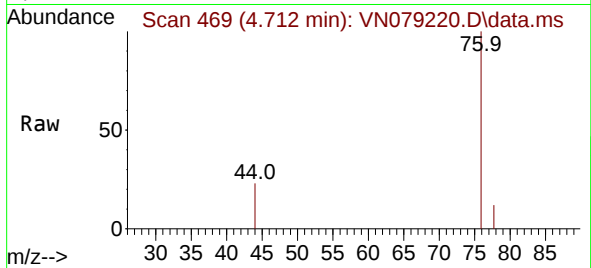
Tgt Ion: 43 Resp: 3854
Ion Ratio Lower Upper
43 100
58 22.5 28.0 42.0#





#17
Carbon Disulfide
Concen: 1.225 ug/l
RT: 4.712 min Scan# 40
Delta R.T. -0.012 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

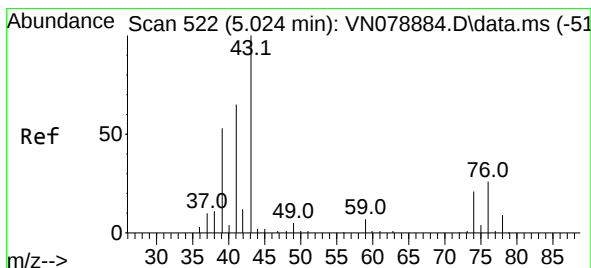
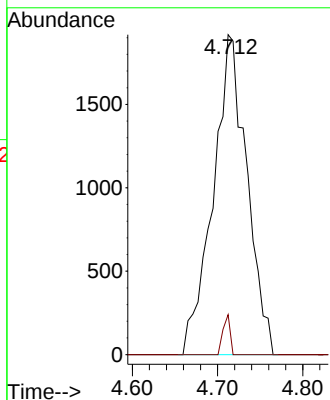
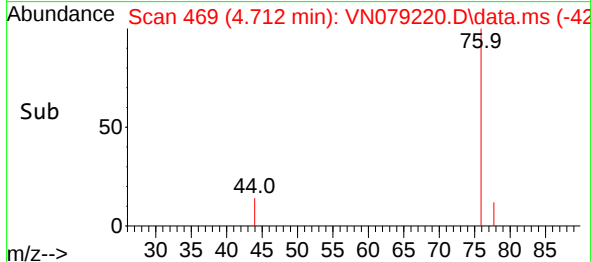
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



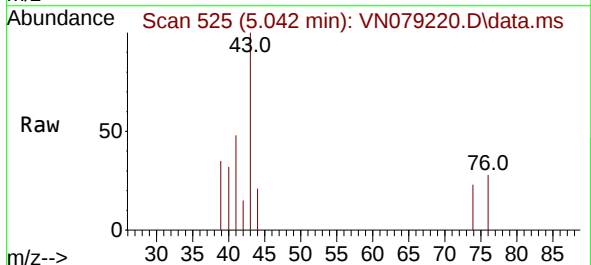
Tgt Ion: 76 Resp: 528
Ion Ratio Lower Upper
76 100
78 12.5 7.4 11.0

Manual Integrations
APPROVED

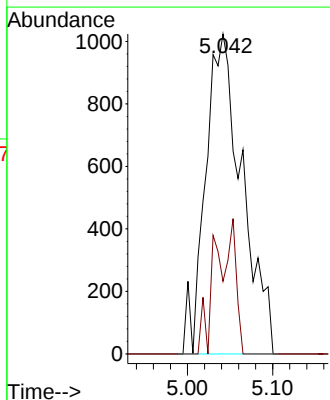
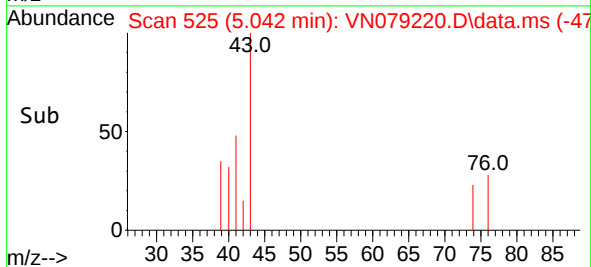
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

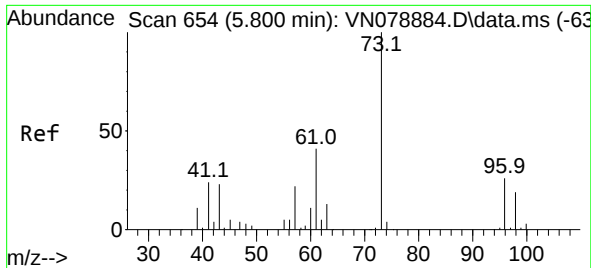


#18
Methyl Acetate
Concen: 1.008 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31



Tgt Ion: 43 Resp: 3072
Ion Ratio Lower Upper
43 100
74 12.9 26.2 39.4





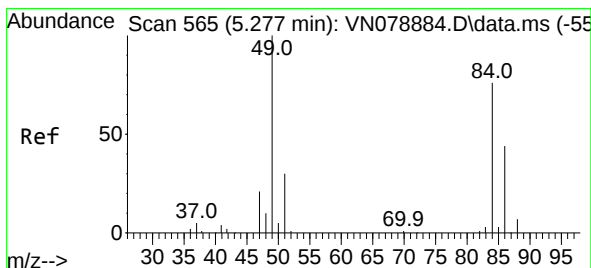
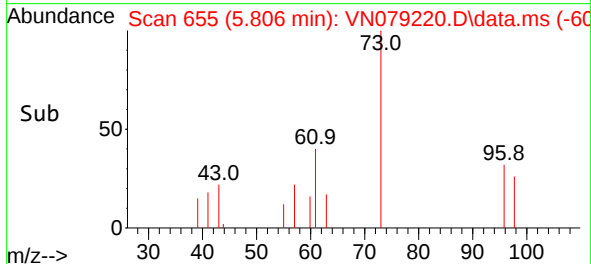
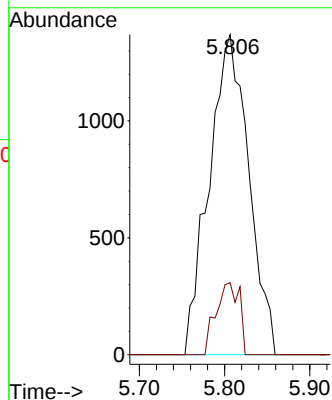
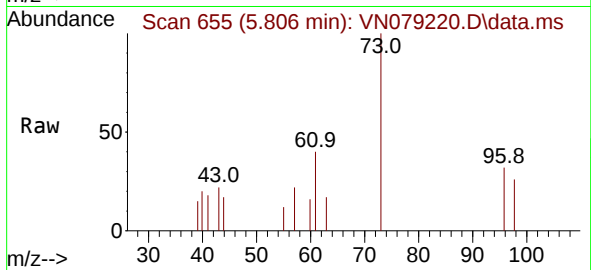
#19
Methyl tert-butyl Ether
Concen: 0.932 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.012 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 441
Ion Ratio Lower Upper
73 100
57 22.5 15.6 23.4

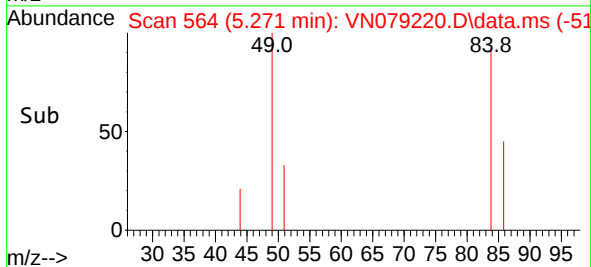
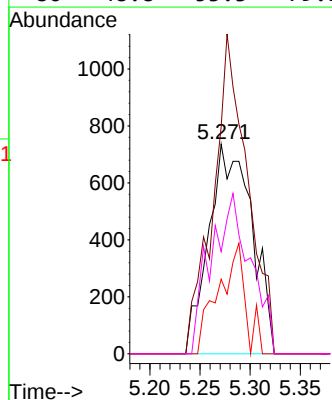
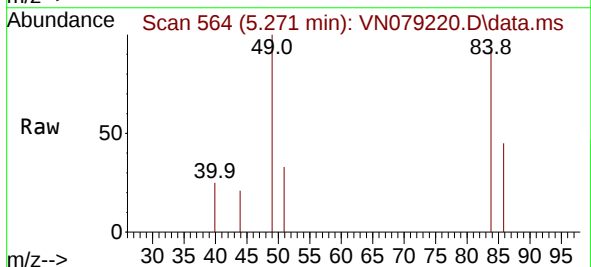
Manual Integrations
APPROVED

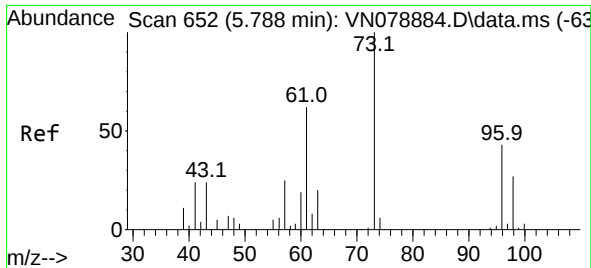
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#20
Methylene Chloride
Concen: 1.223 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.012 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

Tgt Ion: 84 Resp: 2208
Ion Ratio Lower Upper
84 100
49 108.3 79.7 119.5
51 35.6 25.2 37.8
86 48.8 53.3 79.9#





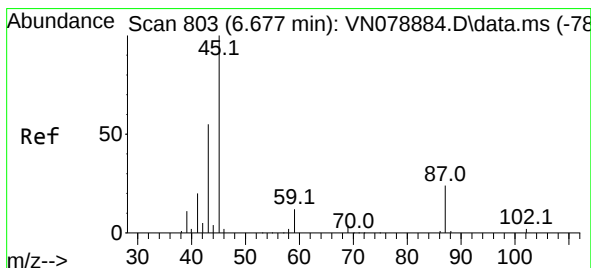
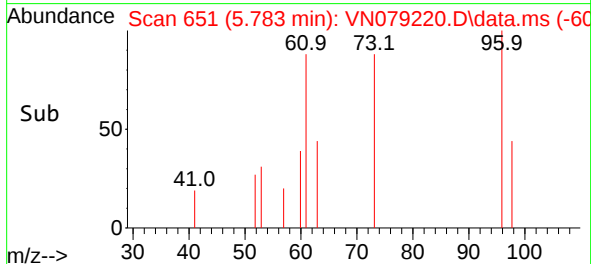
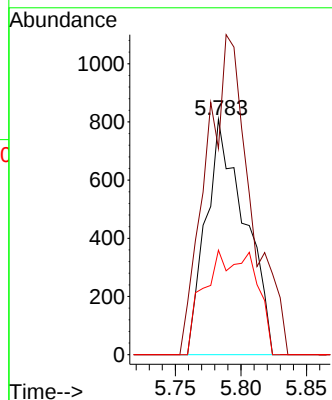
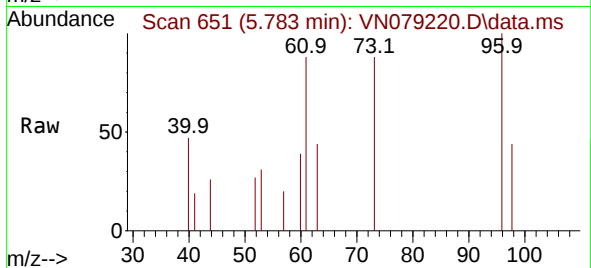
#21
trans-1,2-Dichloroethene
Concen: 1.043 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 1669
Ion Ratio Lower Upper
96 100
61 87.6 90.1 135.1#
98 44.4 46.4 69.6#

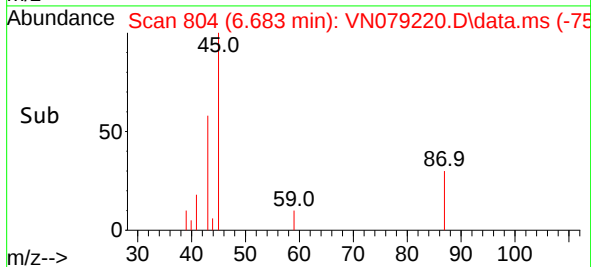
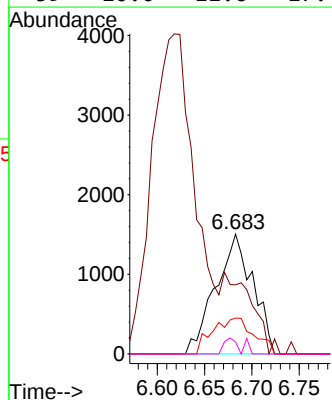
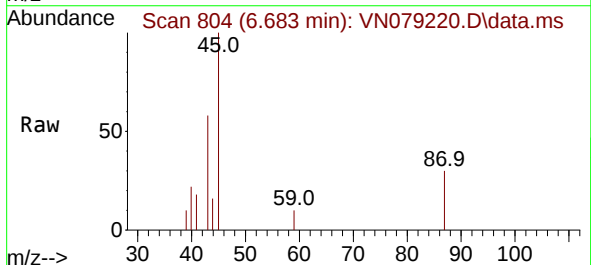
Manual Integrations
APPROVED

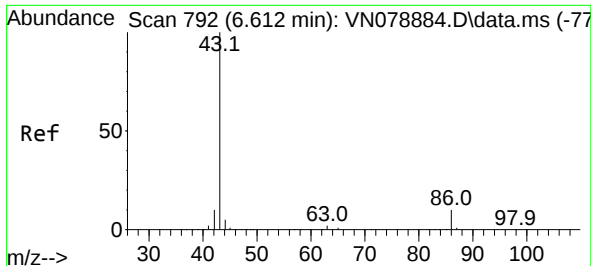
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#22
Diisopropyl ether
Concen: 0.853 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

Tgt Ion: 45 Resp: 4121
Ion Ratio Lower Upper
45 100
43 57.7 45.5 68.3
87 29.8 31.8 47.8#
59 10.0 11.6 17.4#





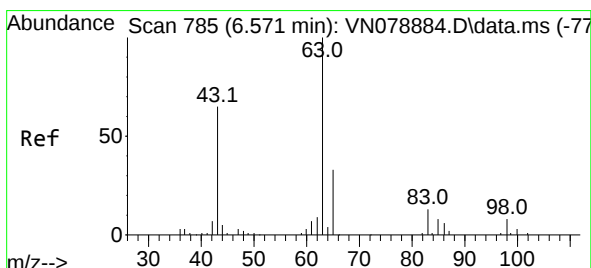
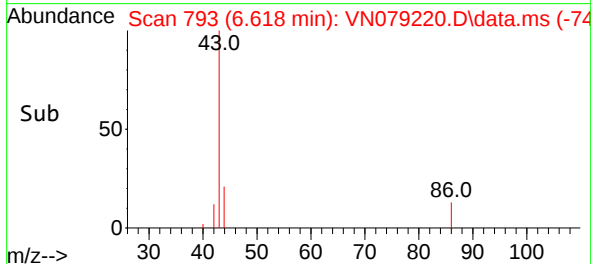
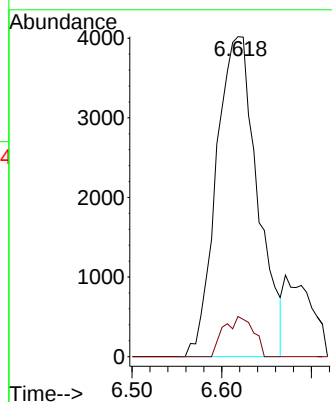
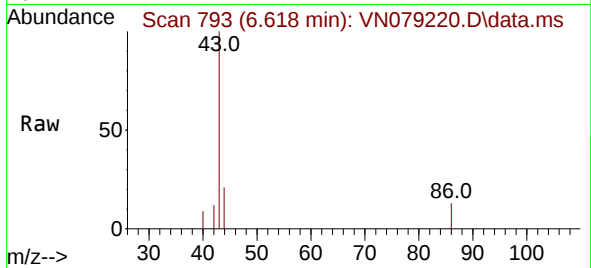
#23
 Vinyl Acetate
 Concen: 4.013 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN079220.D
 Acq: 11 Sep 2023 15:31

Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDIC001

Tgt Ion: 43 Resp: 1280
 Ion Ratio Lower Upper
 43 100
 86 12.5 13.0 19.6

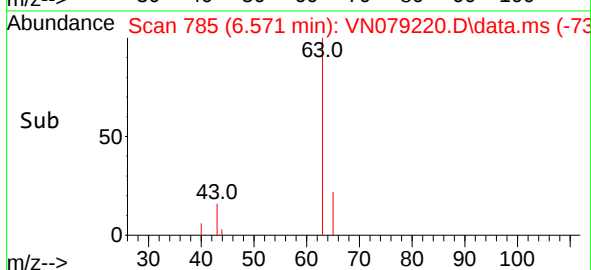
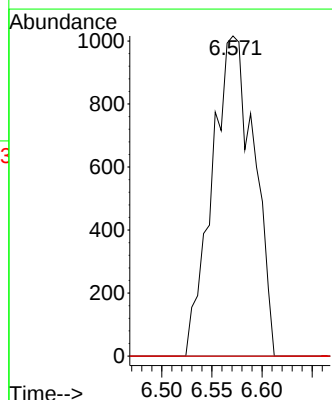
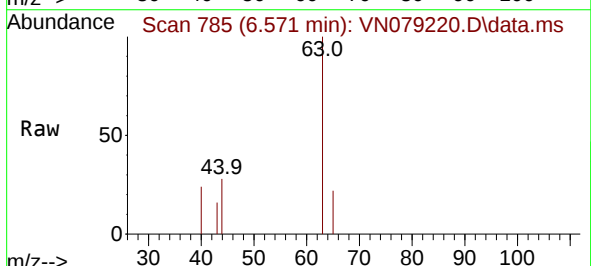
Manual Integrations
 APPROVED

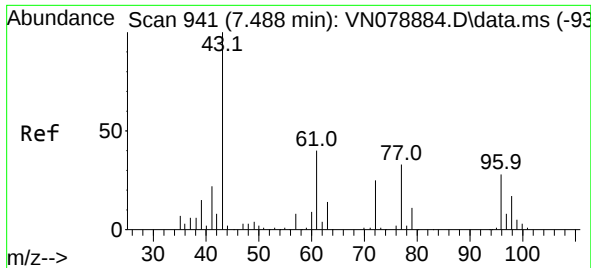
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023



#24
 1,1-Dichloroethane
 Concen: 0.993 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079220.D
 Acq: 11 Sep 2023 15:31

Tgt Ion: 63 Resp: 2957
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.9 11.7#
 100 0.0 2.5 7.4#





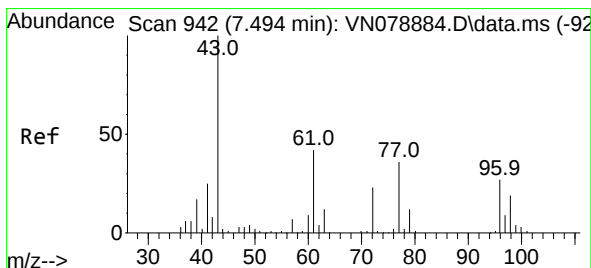
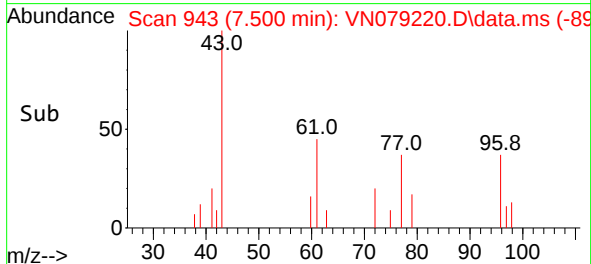
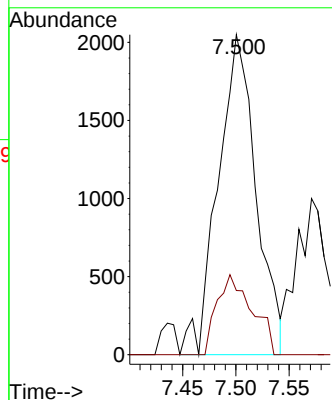
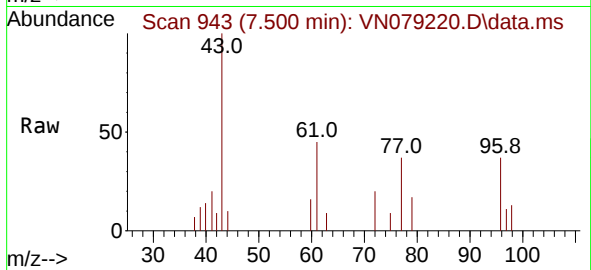
#25
2-Butanone
Concen: 4.718 ug/l
RT: 7.500 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

Instrument :
MSVOA_N
Client Sample Id :
VSTDIC001

Tgt Ion: 43 Resp: 5078
Ion Ratio Lower Upper
43 100
72 20.1 30.2 45.2

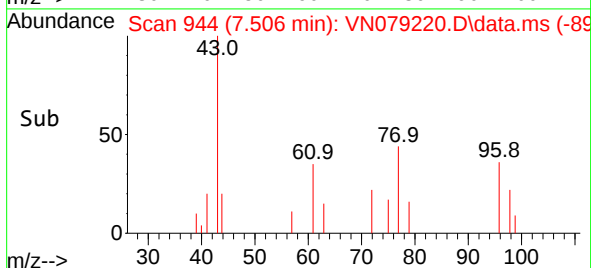
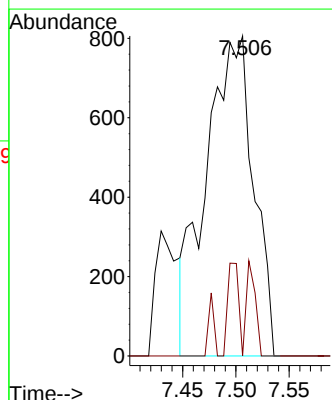
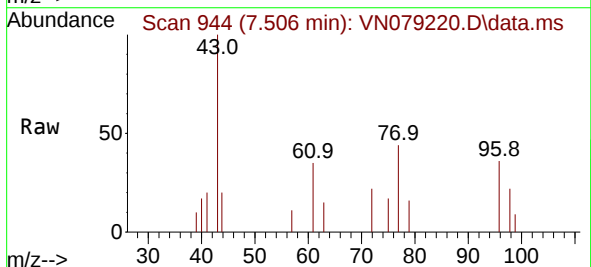
Manual Integrations
APPROVED

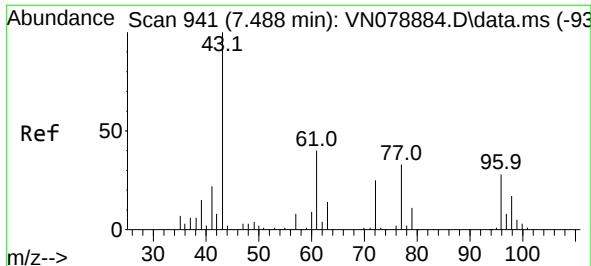
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#26
2,2-Dichloropropane
Concen: 0.994 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

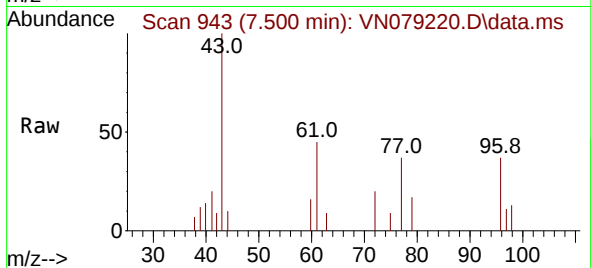
Tgt Ion: 77 Resp: 2503
Ion Ratio Lower Upper
77 100
97 5.6 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 1.029 ug/l
 RT: 7.500 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079220.D
 Acq: 11 Sep 2023 15:31

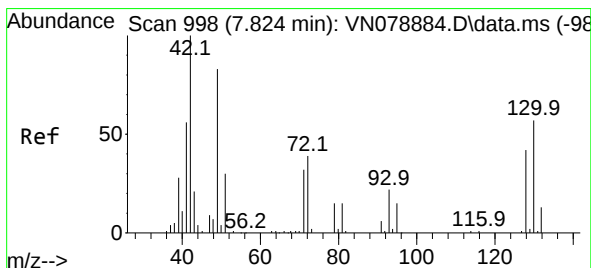
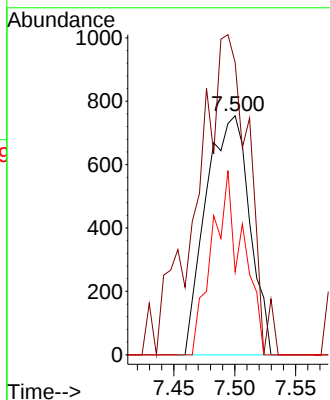
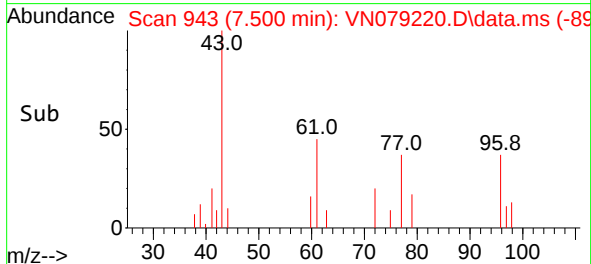
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion: 96 Resp: 1884
 Ion Ratio Lower Upper
 96 100
 61 159.6 0.0 255.2
 98 54.1 0.0 128.8

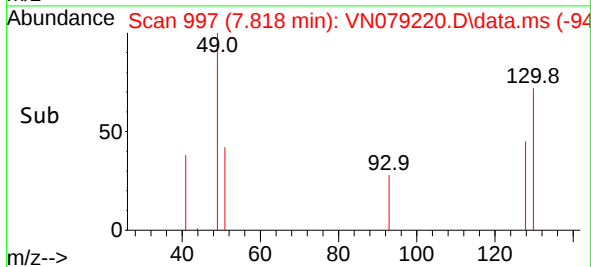
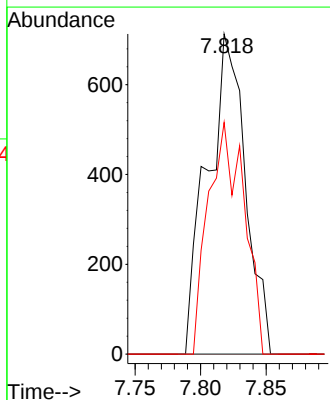
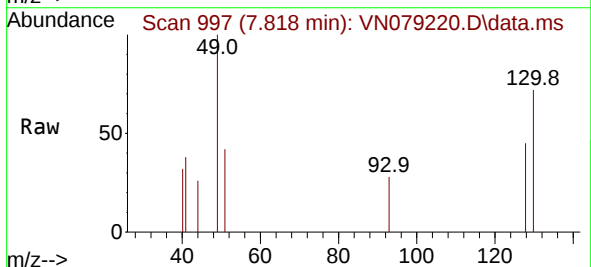
Manual Integrations
 APPROVED

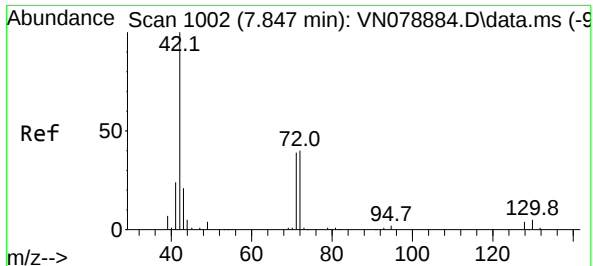
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023



#28
 Bromochloromethane
 Concen: 1.070 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN079220.D
 Acq: 11 Sep 2023 15:31

Tgt Ion: 49 Resp: 1440
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.8
 130 68.2 75.3 112.9#





#29

Tetrahydrofuran

Concen: 4.450 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN079220.D

Acq: 11 Sep 2023 15:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

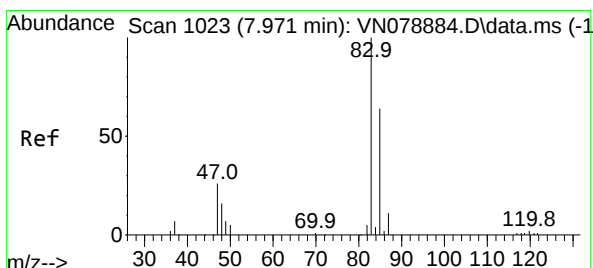
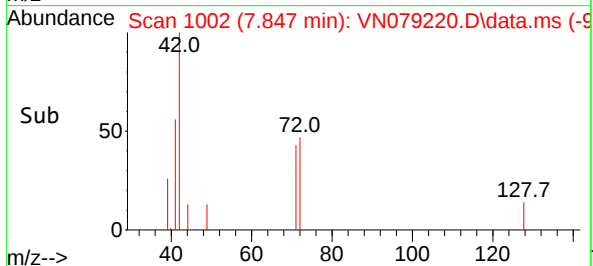
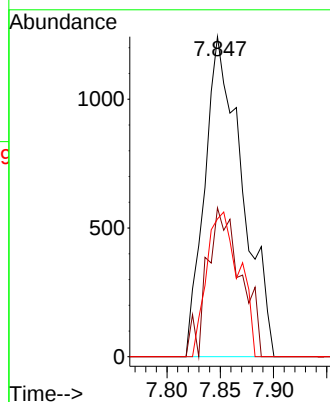
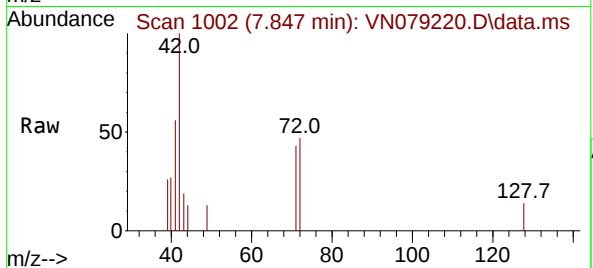
Tgt Ion: 42	Resp: 304
Ion Ratio	Lower Upper
42 100	
72 41.9	49.8 74.6
71 39.3	47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#30

Chloroform

Concen: 1.023 ug/l

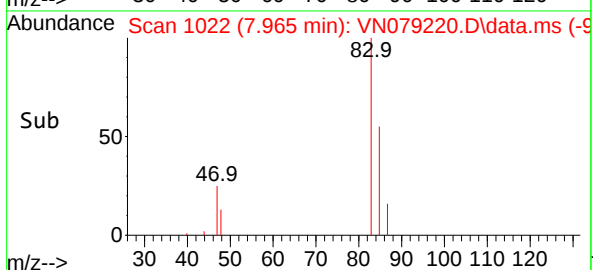
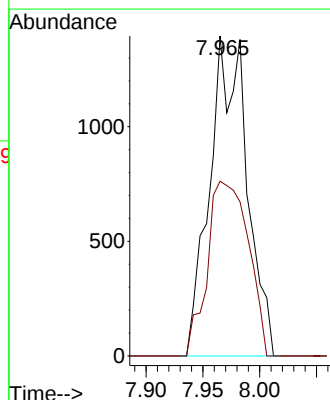
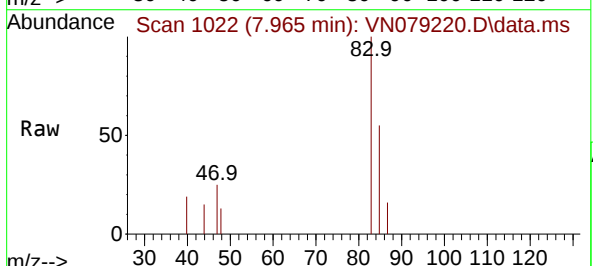
RT: 7.965 min Scan# 1022

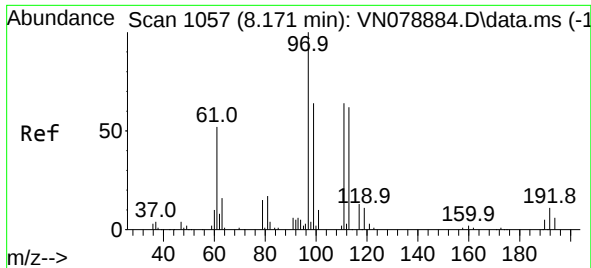
Delta R.T. -0.012 min

Lab File: VN079220.D

Acq: 11 Sep 2023 15:31

Tgt Ion: 83	Resp: 3170
Ion Ratio	Lower Upper
83 100	
85 54.6	55.4 83.0





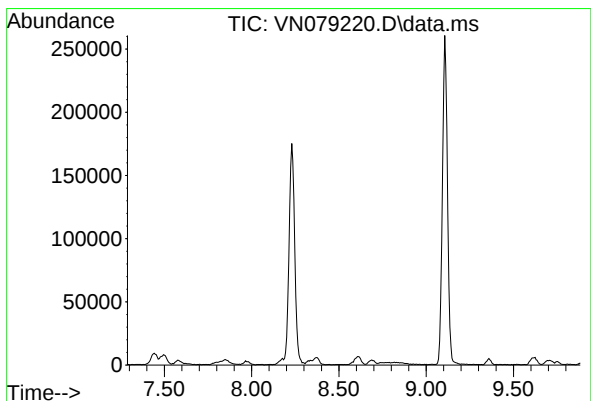
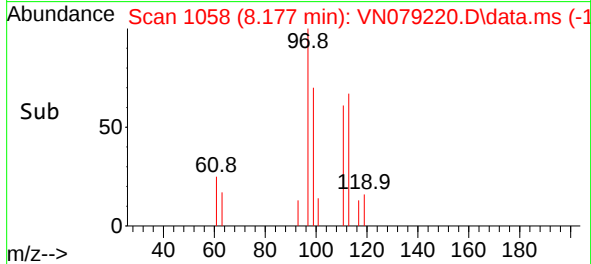
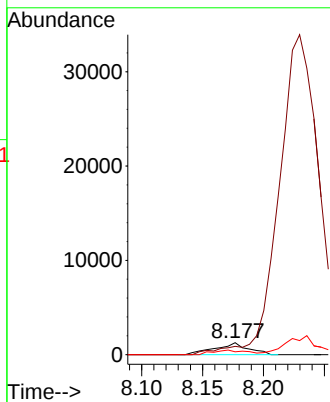
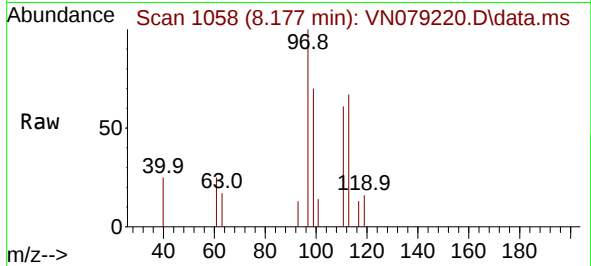
#32
 1,1,1-Trichloroethane
 Concen: 0.913 ug/l
 RT: 8.177 min Scan# 1057
 Delta R.T. -0.000 min
 Lab File: VN079220.D
 Acq: 11 Sep 2023 15:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 97	Resp: 241
Ion Ratio	Lower Upper
97	100
99	0.0 50.3 75.5
61	38.5 34.7 52.1

Manual Integrations
 APPROVED

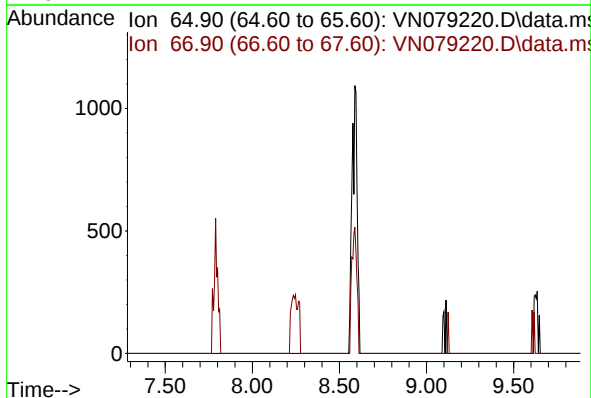
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023

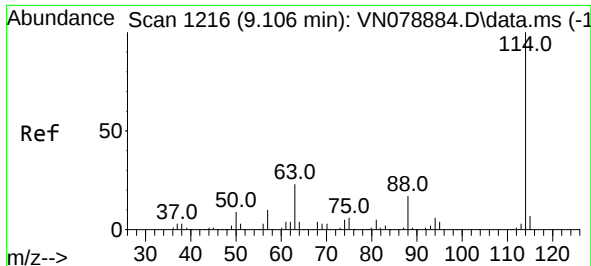


#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 8.58 min

Lab File: VN079220.D
 Acq: 11 Sep 2023 15:31

Tgt Ion: 65
Sig Exp Ratio
65 100
67 53.3





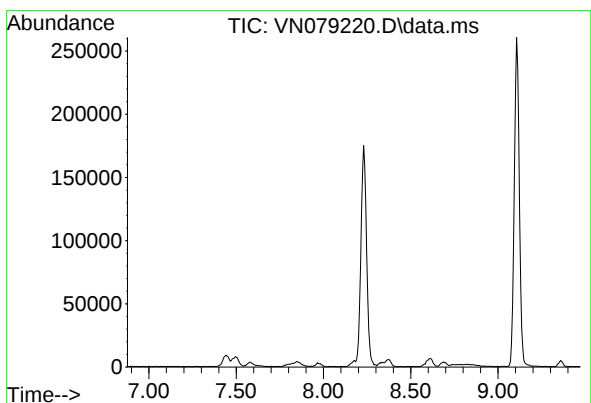
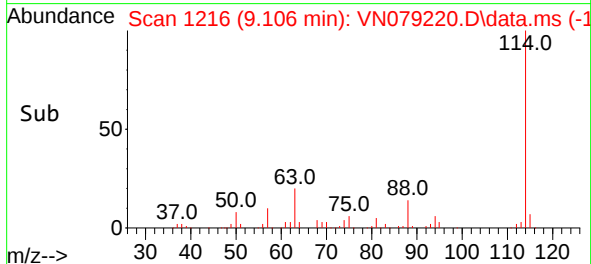
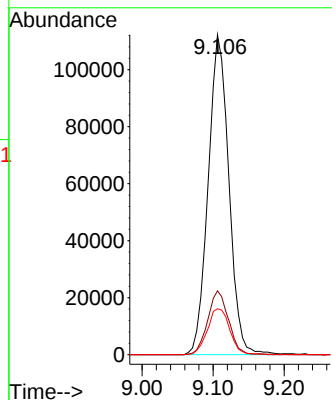
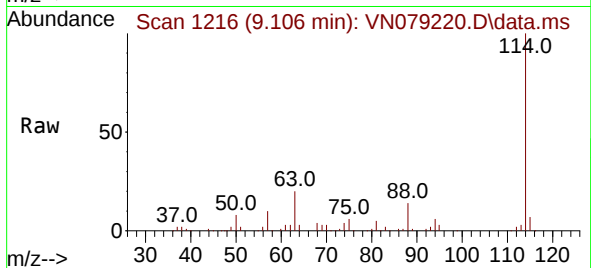
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:114 Resp: 227279
Ion Ratio Lower Upper
114 100
63 19.9 0.0 36.4
88 14.4 0.0 30.6

Manual Integrations
APPROVED

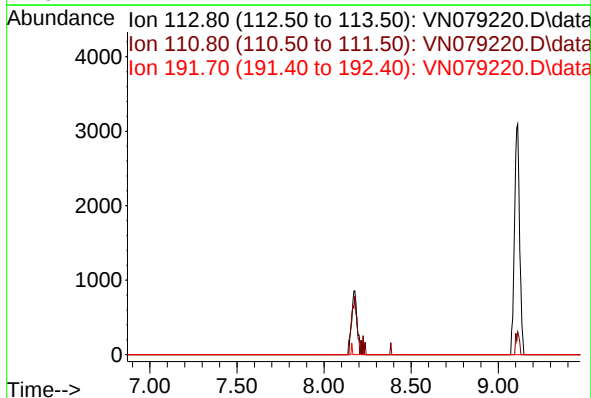
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 8.17 min

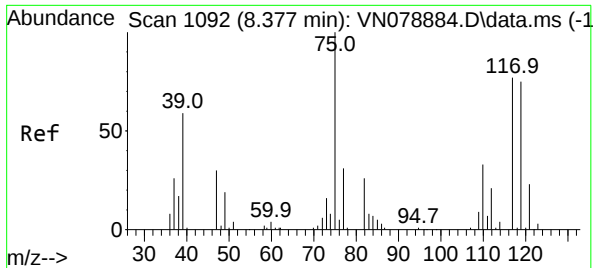
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

Tgt Ion: 113
Sig Exp Ratio
113 100
111 103.2
192 15.9



Ion 110.80 (110.50 to 111.50): VN079220.D\data.ms

Ion 191.70 (191.40 to 192.40): VN079220.D\data.ms



#36

1,1-Dichloropropene

Concen: 0.932 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN079220.D

Acq: 11 Sep 2023 15:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

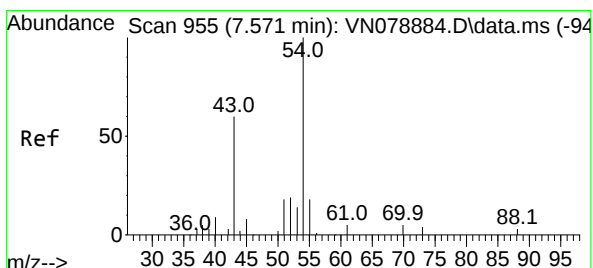
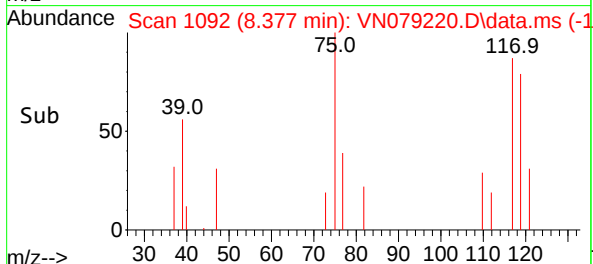
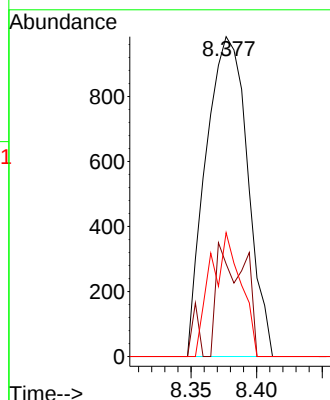
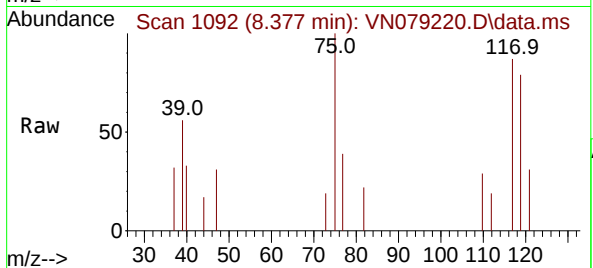
Tgt Ion:	75	Resp:	217
Ion Ratio	Lower	Upper	
75	100		
110	23.5	19.1	57.3
77	28.3	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#37

Ethyl Acetate

Concen: 0.953 ug/l

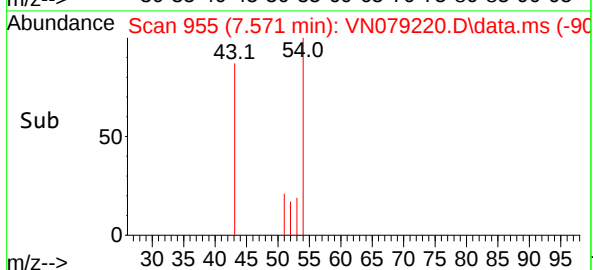
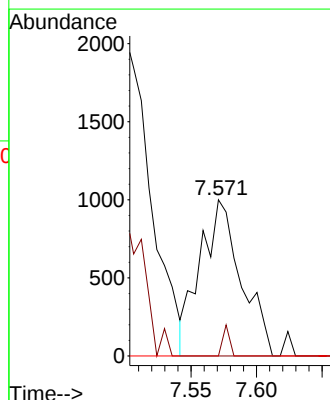
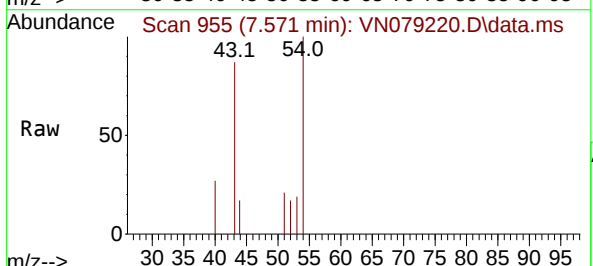
RT: 7.571 min Scan# 955

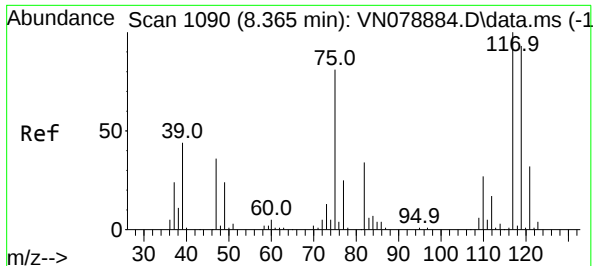
Delta R.T. -0.000 min

Lab File: VN079220.D

Acq: 11 Sep 2023 15:31

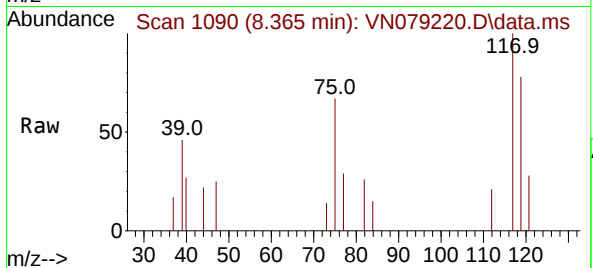
Tgt Ion:	43	Resp:	2184
Ion Ratio	Lower	Upper	
43	100		
61	0.0	13.2	19.8#
70	0.0	11.3	16.9#





#38
Carbon Tetrachloride
Concen: 0.969 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

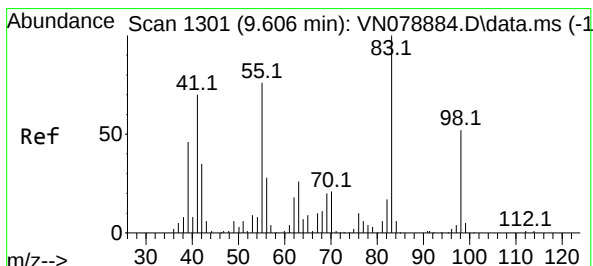
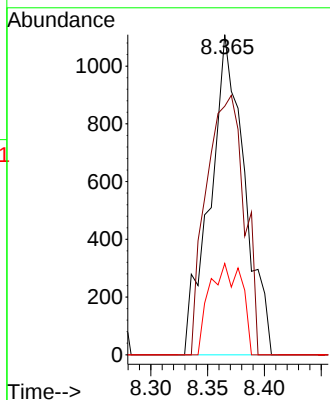
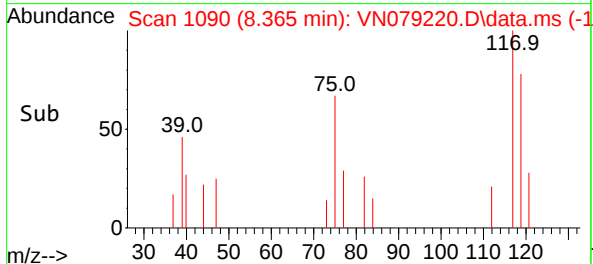
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



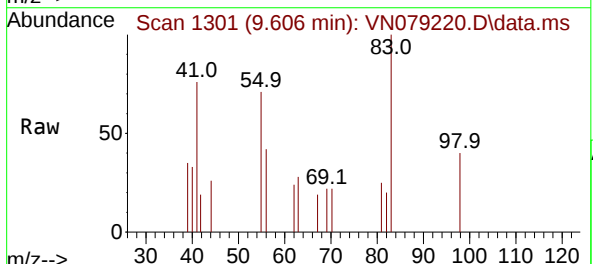
Tgt Ion: 117 Resp: 2330
Ion Ratio Lower Upper
117 100
119 77.6 77.3 115.9
121 28.5 23.3 34.9

Manual Integrations
APPROVED

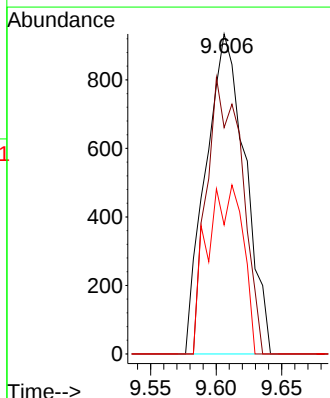
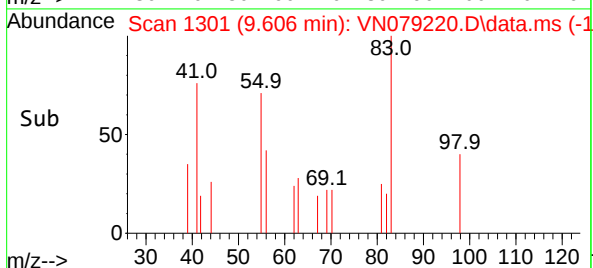
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

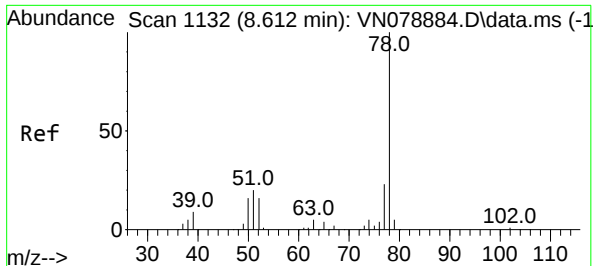


#39
Methylcyclohexane
Concen: 0.850 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31



Tgt Ion: 83 Resp: 1953
Ion Ratio Lower Upper
83 100
55 70.8 49.1 73.7
98 40.4 40.6 61.0#





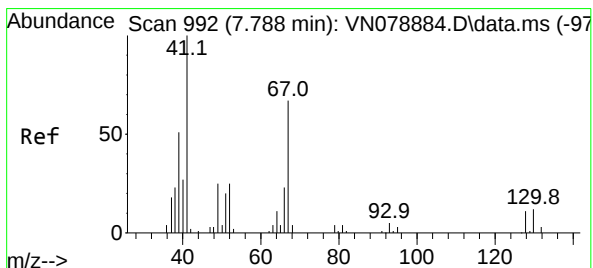
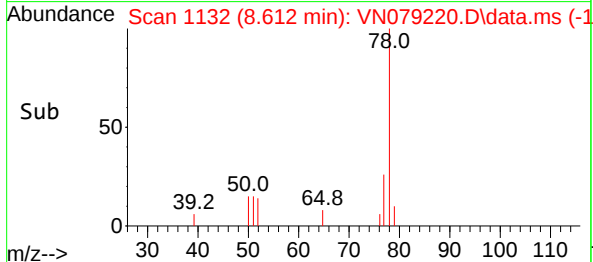
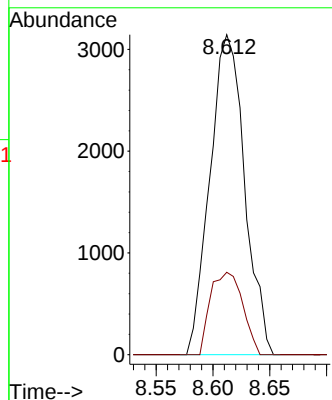
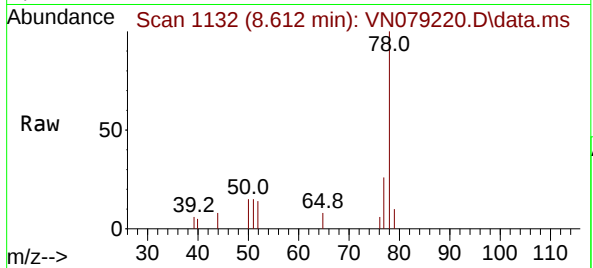
#40
Benzene
Concen: 0.938 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 78 Resp: 6690
Ion Ratio Lower Upper
78 100
77 25.8 19.0 28.6

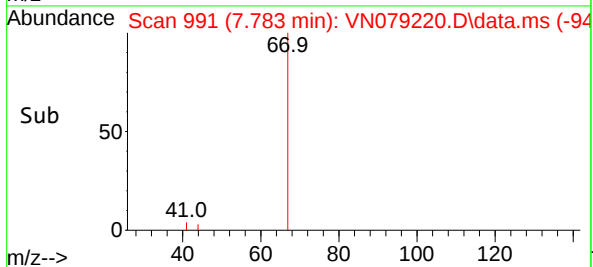
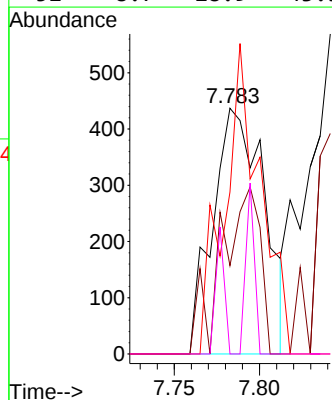
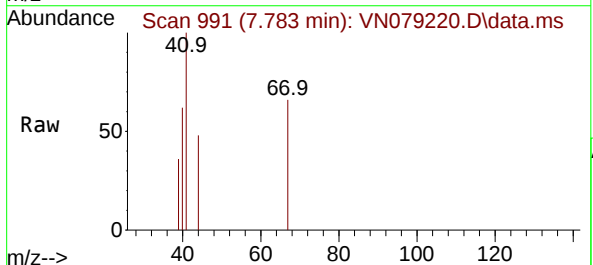
Manual Integrations
APPROVED

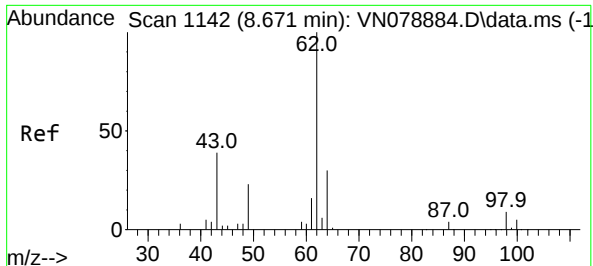
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#41
Methacrylonitrile
Concen: 0.768 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

Tgt Ion: 41 Resp: 923
Ion Ratio Lower Upper
41 100
39 0.0 42.6 64.0#
67 0.0 77.5 116.3#
52 8.7 28.9 43.3#





#42

1,2-Dichloroethane

Concen: 0.958 ug/l

RT: 8.677 min Scan# 1142

Delta R.T. -0.000 min

Lab File: VN079220.D

Acq: 11 Sep 2023 15:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 62 Resp: 235

Ion Ratio Lower Upper

62 100

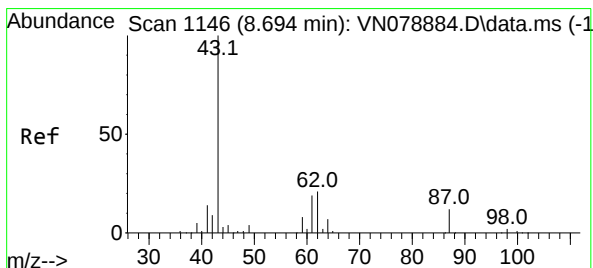
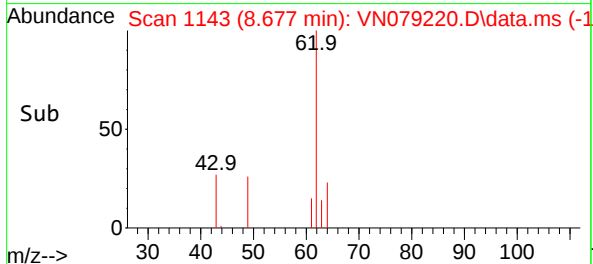
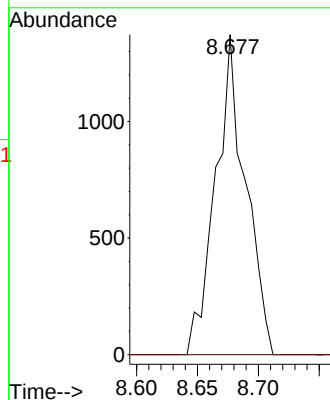
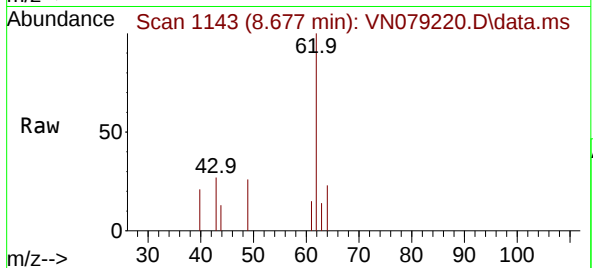
98 0.0 0.0 19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#43

Isopropyl Acetate

Concen: 0.986 ug/l

RT: 8.700 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VN079220.D

Acq: 11 Sep 2023 15:31

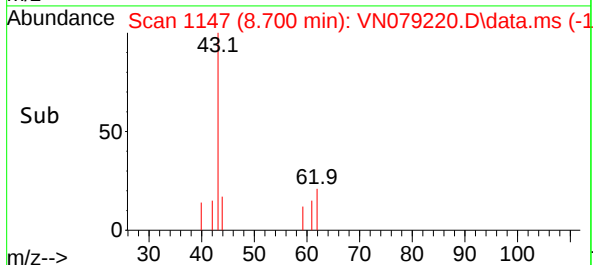
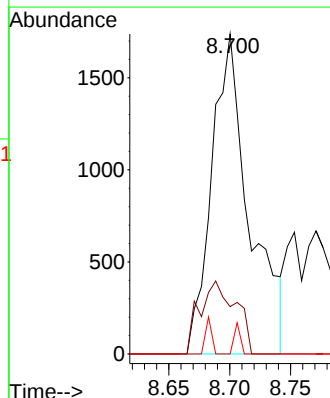
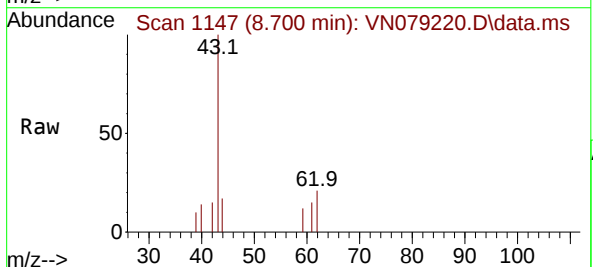
Tgt Ion: 43 Resp: 3738

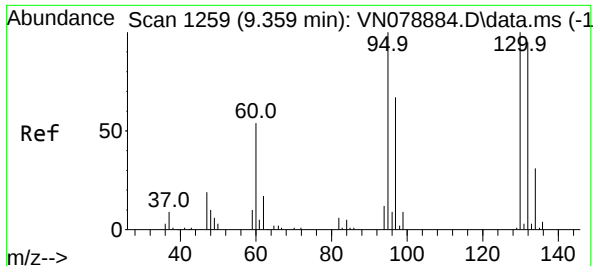
Ion Ratio Lower Upper

43 100

61 0.0 24.7 37.1#

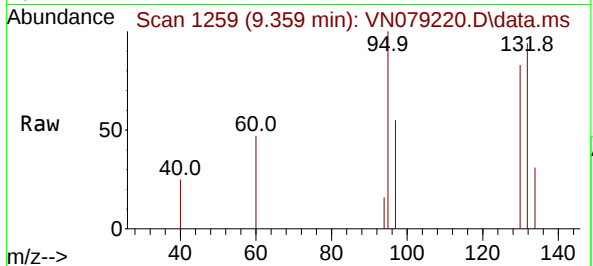
87 1.6 14.6 21.8#





#44
Trichloroethene
Concen: 0.980 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

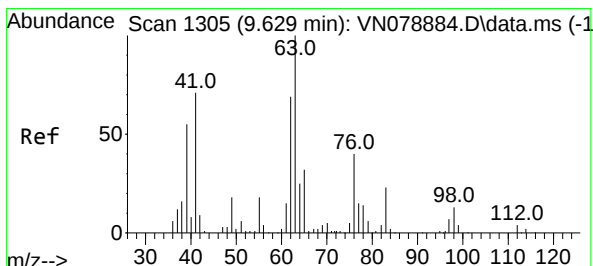
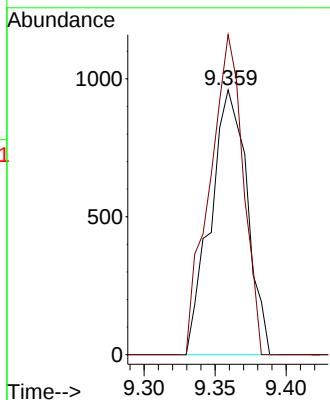
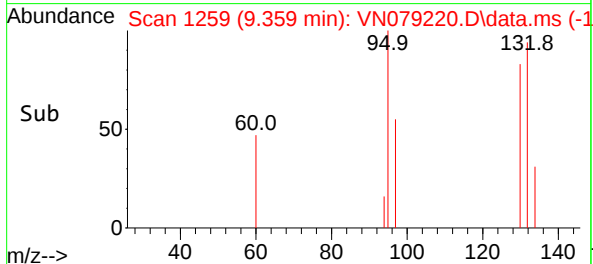
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



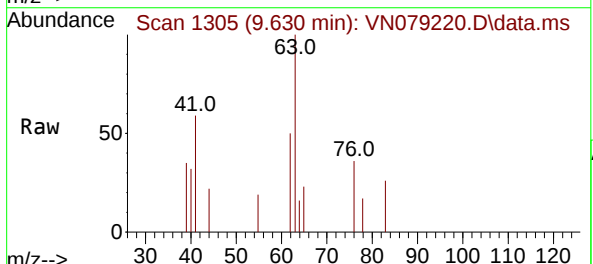
Tgt Ion:130 Resp: 172
Ion Ratio Lower Upper
130 100
95 120.8 0.0 204.6

Manual Integrations
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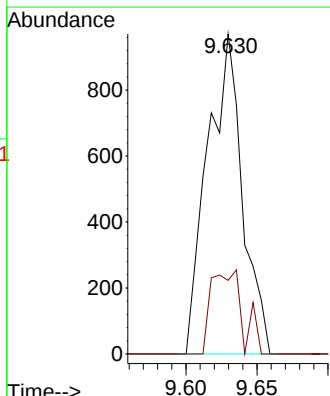
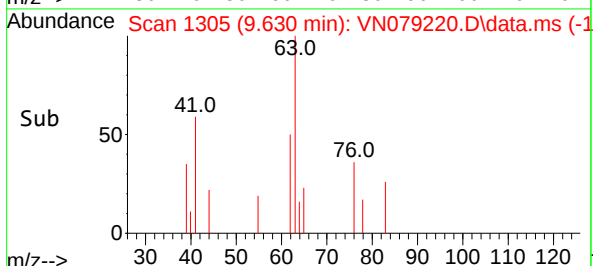
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

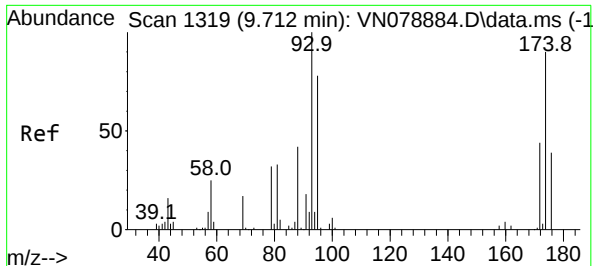


#45
1,2-Dichloropropane
Concen: 0.934 ug/l
RT: 9.630 min Scan# 1305
Delta R.T. 0.006 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31



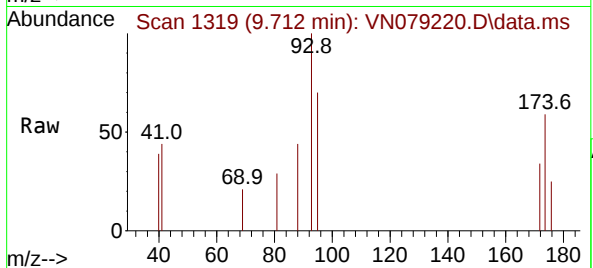
Tgt Ion: 63 Resp: 1653
Ion Ratio Lower Upper
63 100
65 23.0 23.9 35.9#





#46
Dibromomethane
Concen: 0.879 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

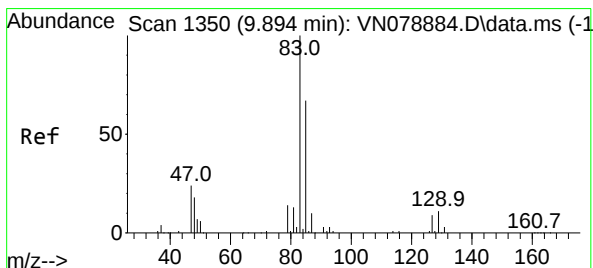
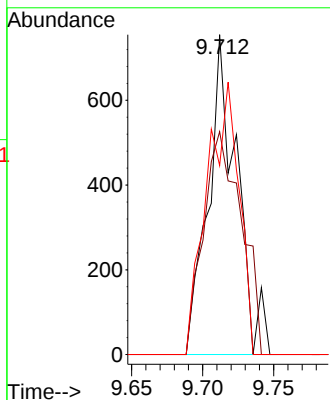
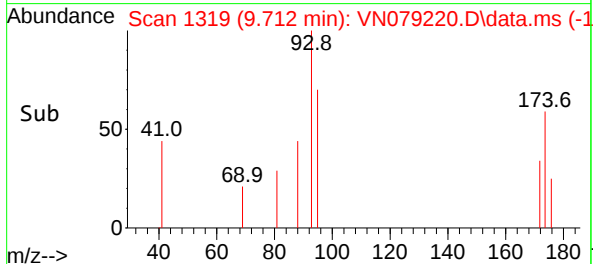
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



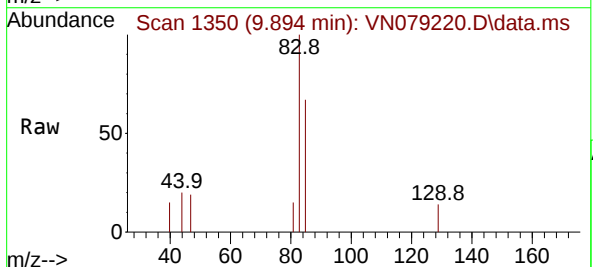
Tgt Ion: 93 Resp: 105
Ion Ratio Lower Upper
93 100
95 92.5 63.8 95.8
174 95.5 65.6 98.4

Manual Integrations
APPROVED

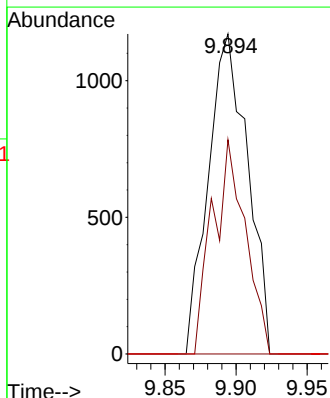
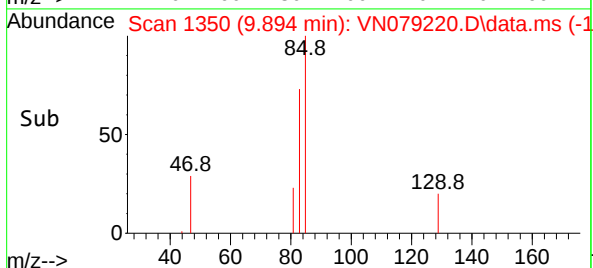
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

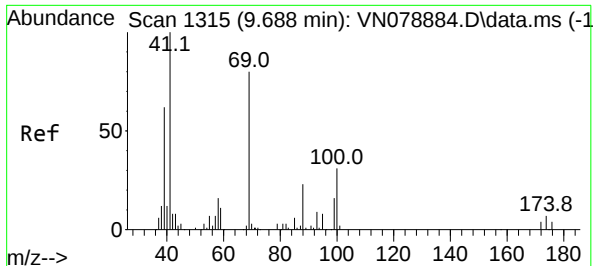


#47
Bromodichloromethane
Concen: 0.917 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31



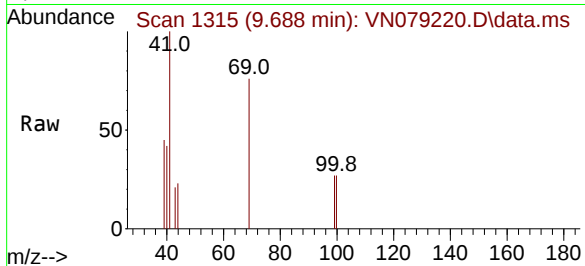
Tgt Ion: 83 Resp: 2257
Ion Ratio Lower Upper
83 100
85 67.0 49.6 74.4
127 0.0 7.0 10.6





#48
Methyl methacrylate
Concen: 0.882 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

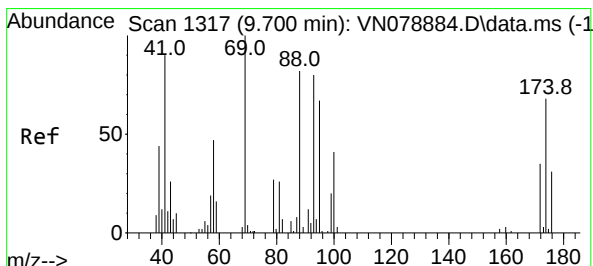
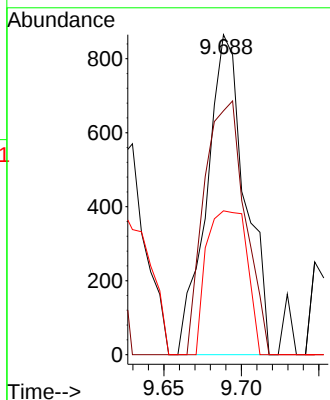
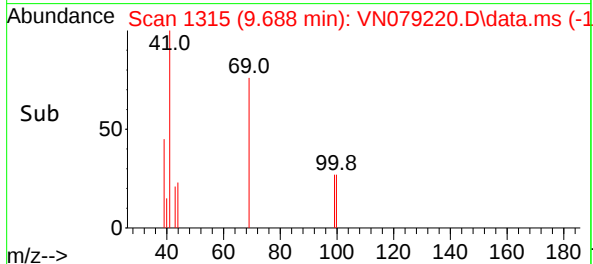
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



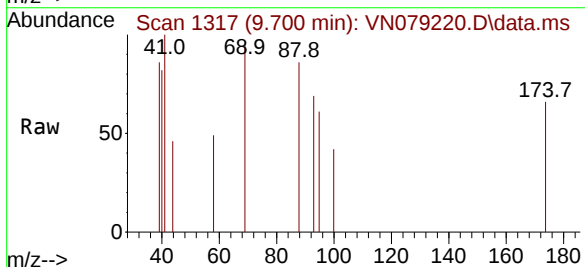
Tgt Ion: 41 Resp: 149
Ion Ratio Lower Upper
41 100
69 84.0 90.4 135.6
39 47.1 54.6 81.8

Manual Integrations
APPROVED

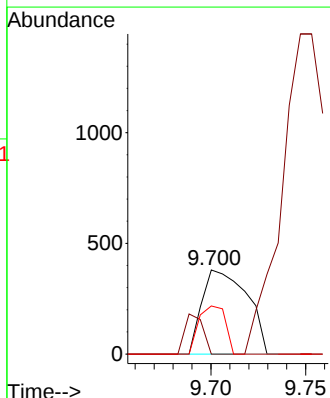
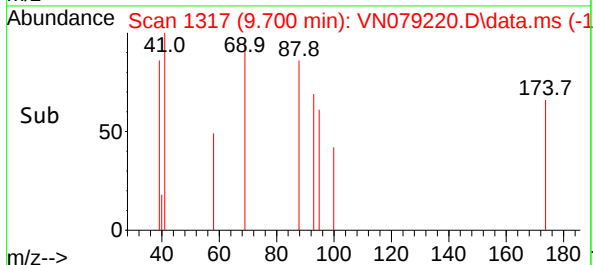
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

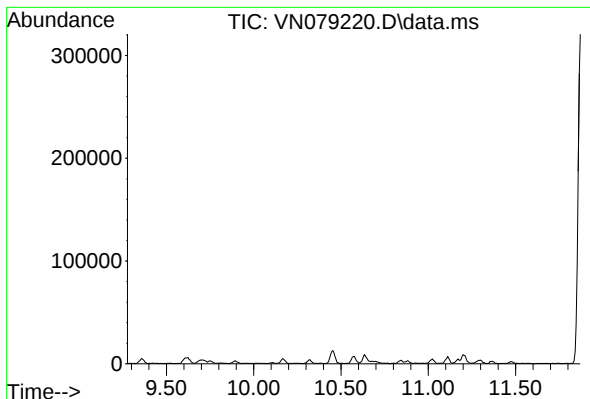


#49
1,4-Dioxane
Concen: 18.031 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31



Tgt Ion: 88 Resp: 630
Ion Ratio Lower Upper
88 100
43 18.9 17.0 25.6
58 33.5 47.0 70.4





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.57 min

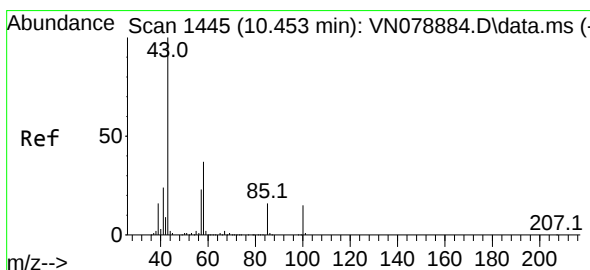
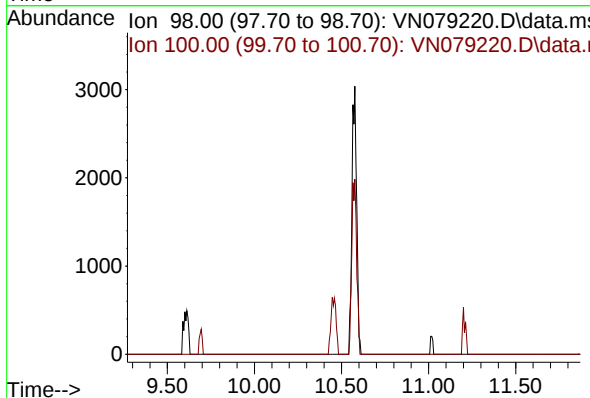
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 98
Sig Exp Ratio
98 100
100 65.0

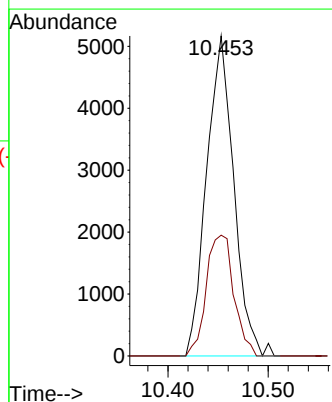
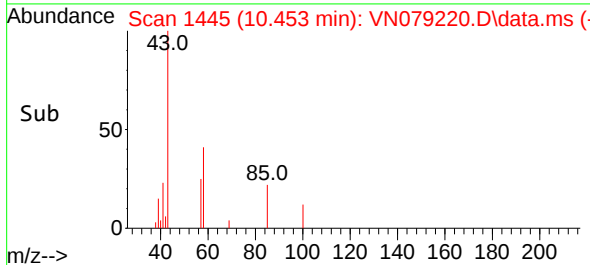
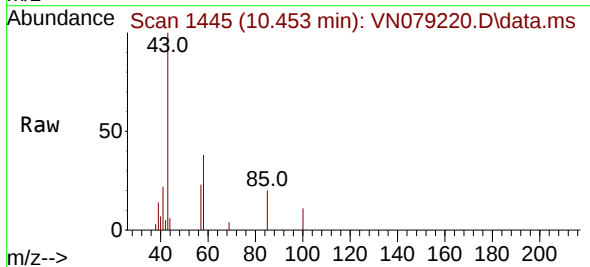
Manual Integrations
APPROVED

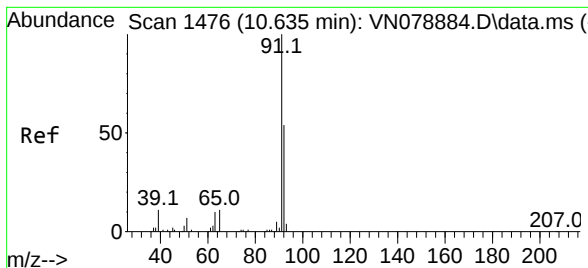
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#51
4-Methyl-2-Pentanone
Concen: 4.430 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

Tgt Ion: 43 Resp: 9753
Ion Ratio Lower Upper
43 100
58 38.3 36.6 54.8





#52

Toluene

Concen: 0.971 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079220.D

Acq: 11 Sep 2023 15:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 92 Resp: 4250

Ion Ratio Lower Upper

92 100

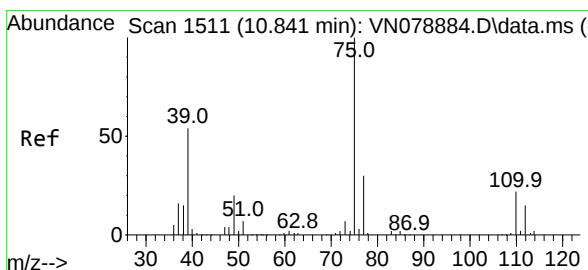
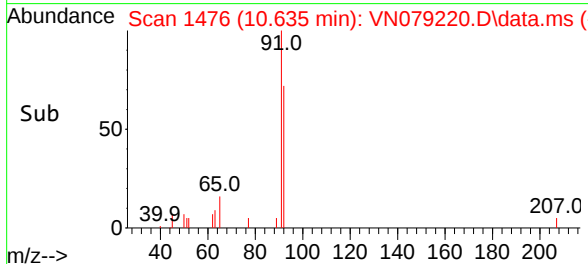
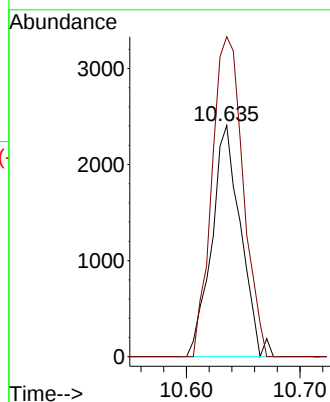
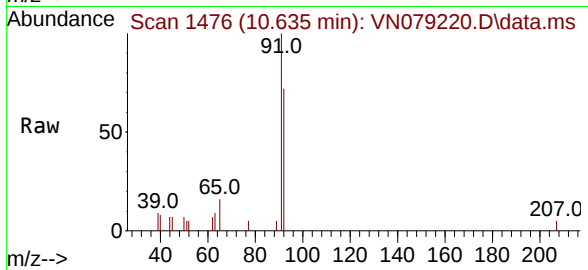
91 149.4 137.4 206.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#53

t-1,3-Dichloropropene

Concen: 0.883 ug/l

RT: 10.847 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VN079220.D

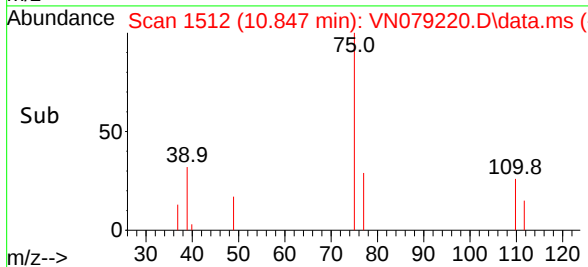
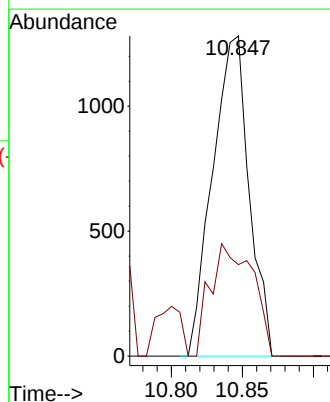
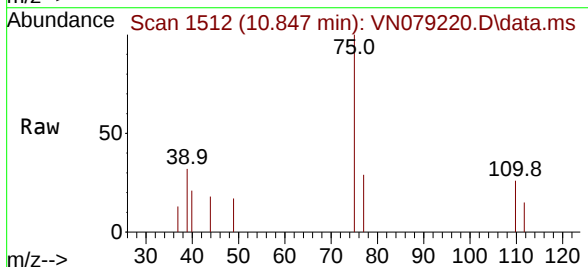
Acq: 11 Sep 2023 15:31

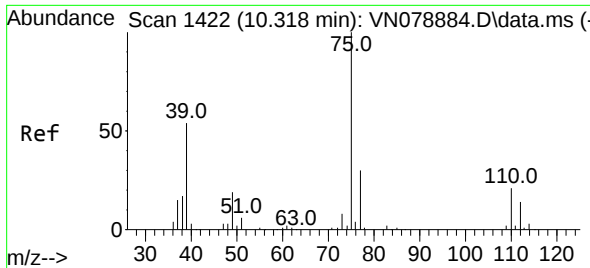
Tgt Ion: 75 Resp: 2292

Ion Ratio Lower Upper

75 100

77 28.6 25.4 38.0





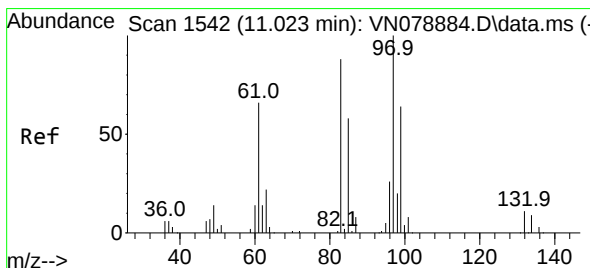
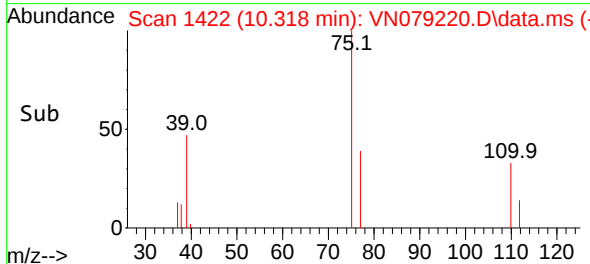
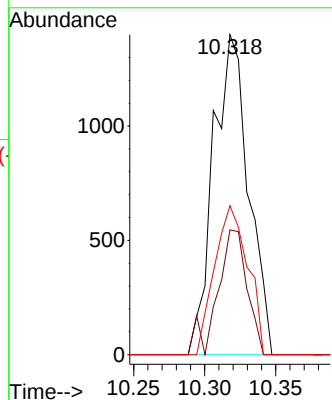
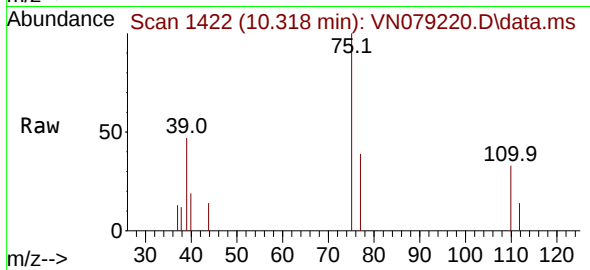
#54
 cis-1,3-Dichloropropene
 Concen: 0.869 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079220.D
 Acq: 11 Sep 2023 15:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 75 Resp: 241
 Ion Ratio Lower Upper
 75 100
 77 39.0 26.1 39.1
 39 46.6 31.6 47.4

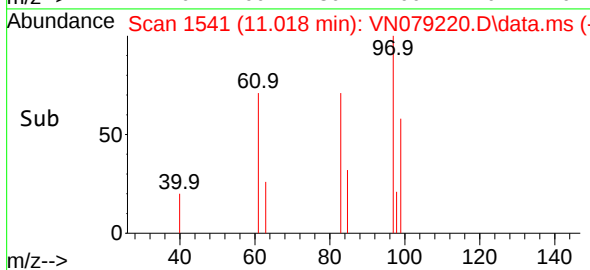
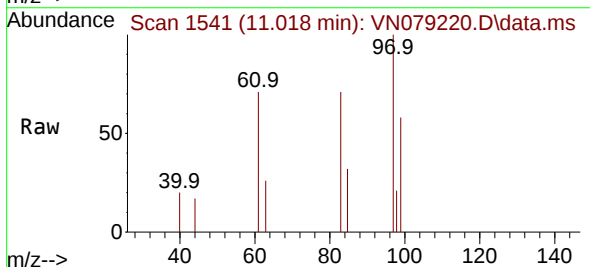
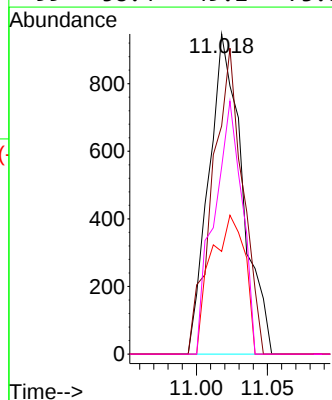
Manual Integrations
 APPROVED

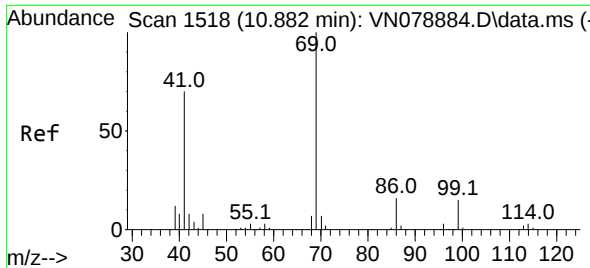
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023



#55
 1,1,2-Trichloroethane
 Concen: 0.904 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.006 min
 Lab File: VN079220.D
 Acq: 11 Sep 2023 15:31

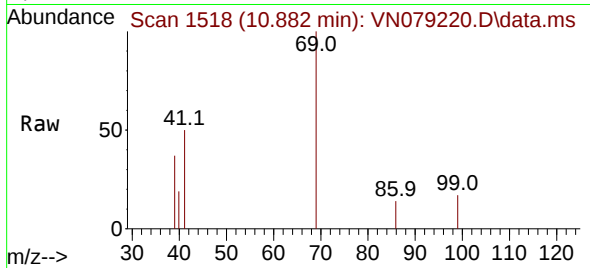
Tgt Ion: 97 Resp: 1555
 Ion Ratio Lower Upper
 97 100
 83 71.3 65.1 97.7
 85 32.1 43.4 65.2#
 99 58.4 49.2 73.8





#56
Ethyl methacrylate
Concen: 0.757 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.005 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

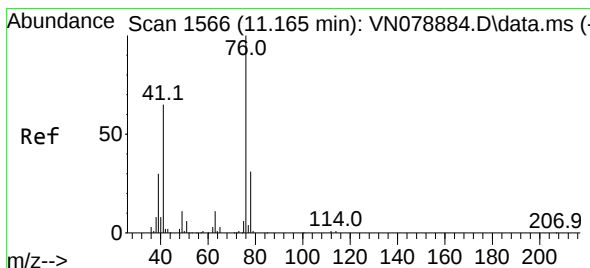
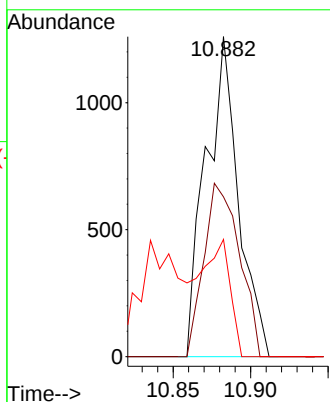
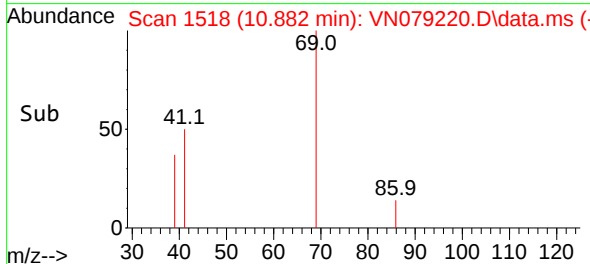
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



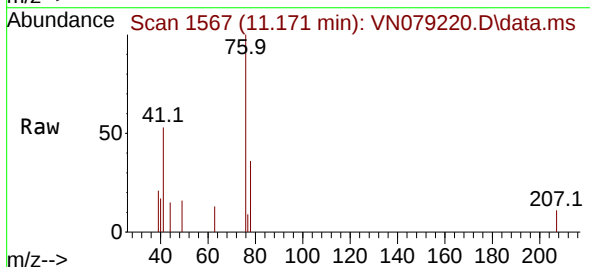
Tgt Ion: 69 Resp: 1838
Ion Ratio Lower Upper
69 100
41 59.2 39.6 59.4
39 27.3 28.6 43.0

Manual Integrations
APPROVED

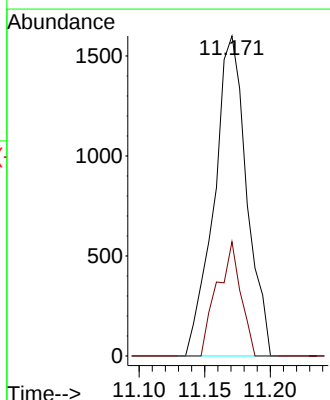
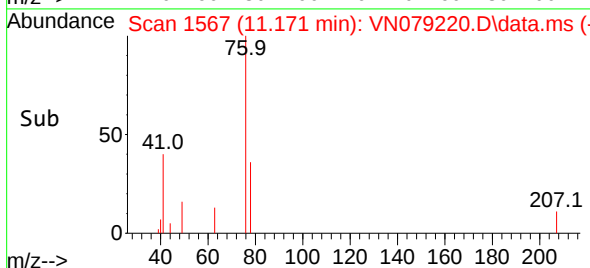
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

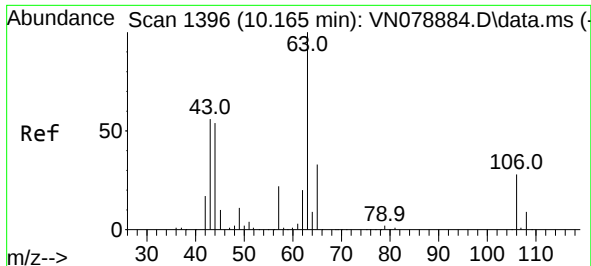


#57
1,3-Dichloropropane
Concen: 0.931 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31



Tgt Ion: 76 Resp: 2769
Ion Ratio Lower Upper
76 100
78 25.9 26.1 39.1





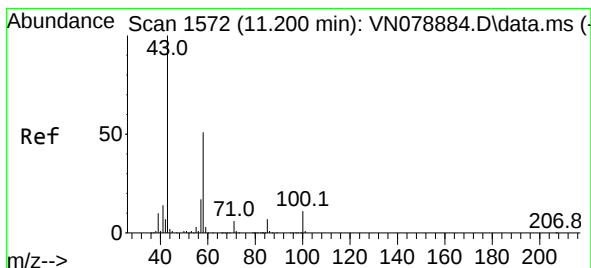
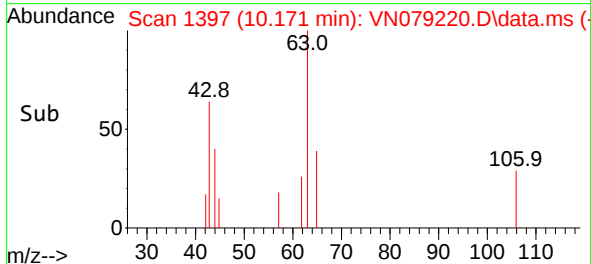
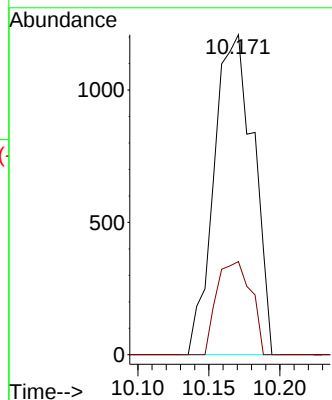
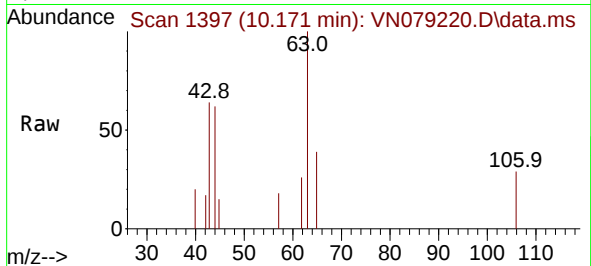
#58
2-Chloroethyl Vinyl ether
Concen: 1.868 ug/l
RT: 10.171 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 2334
Ion Ratio Lower Upper
63 100
106 25.4 26.2 39.4

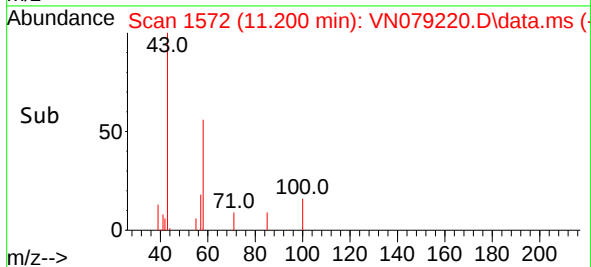
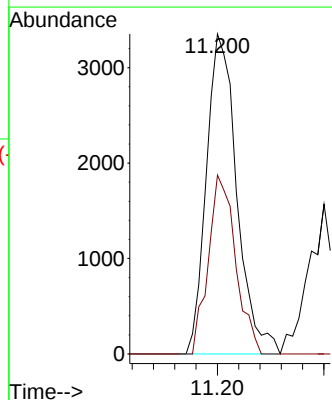
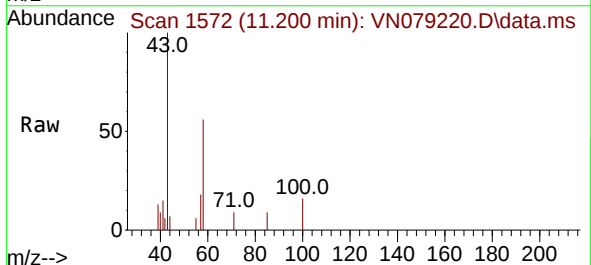
Manual Integrations
APPROVED

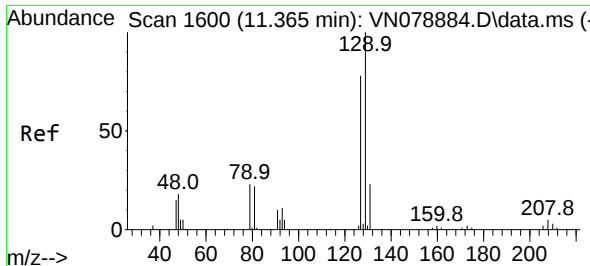
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#59
2-Hexanone
Concen: 4.169 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

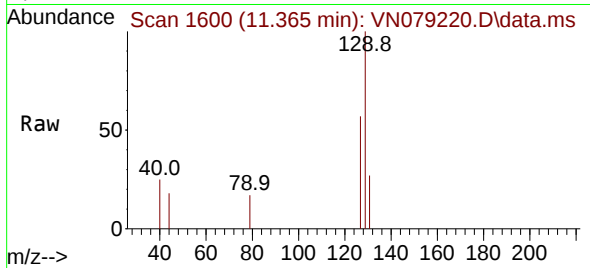
Tgt Ion: 43 Resp: 6648
Ion Ratio Lower Upper
43 100
58 50.1 31.7 95.1





#60
Dibromochloromethane
Concen: 0.923 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

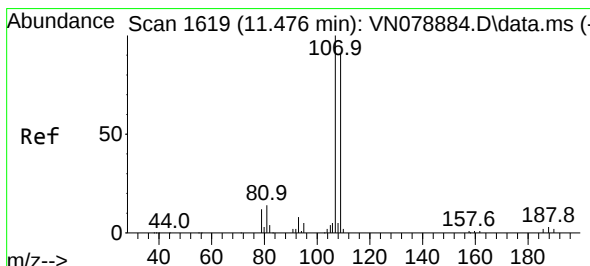
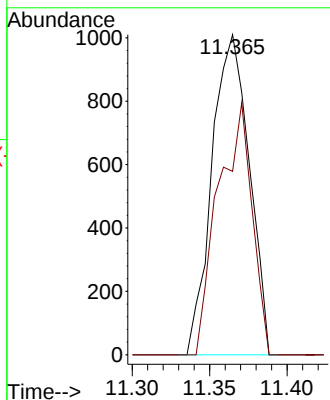
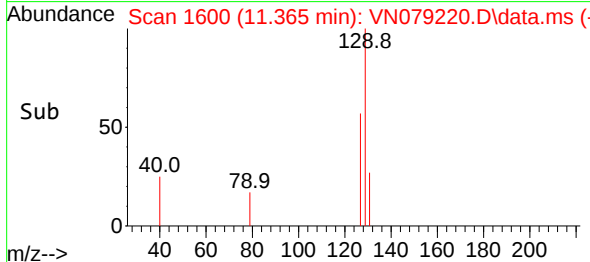
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



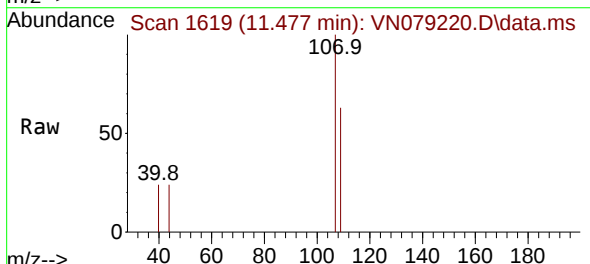
Tgt Ion:129 Resp: 1689
Ion Ratio Lower Upper
129 100
127 71.1 38.6 116.0

Manual Integrations
APPROVED

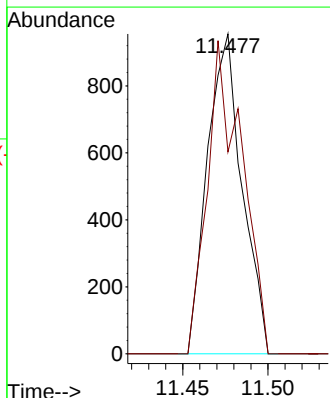
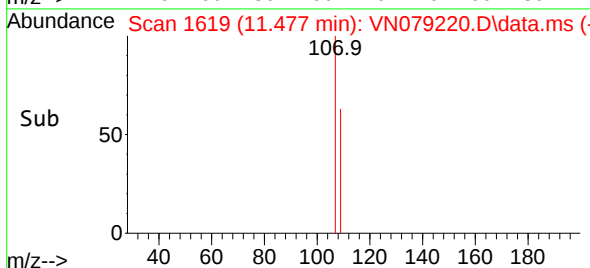
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

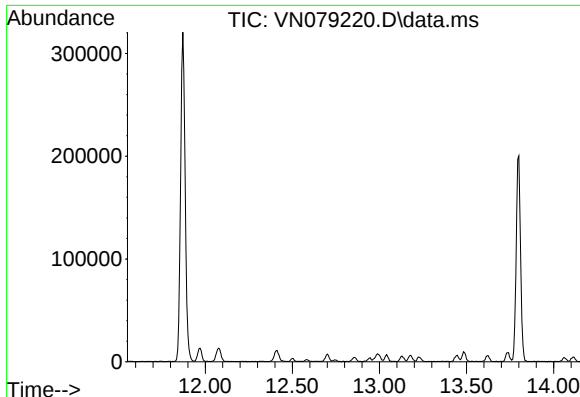


#61
1,2-Dibromoethane
Concen: 0.789 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.001 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31



Tgt Ion:107 Resp: 1355
Ion Ratio Lower Upper
107 100
109 97.7 76.6 114.8





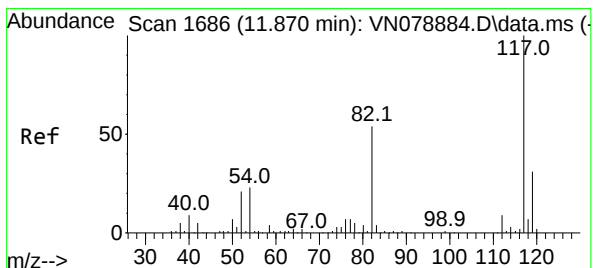
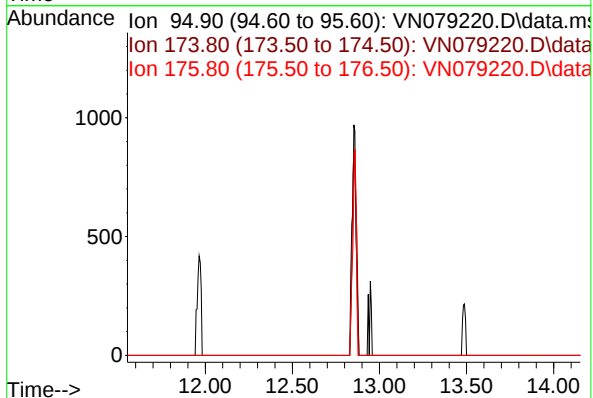
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.85 min
 Lab File: VN079220.D
 Acq: 11 Sep 2023 15:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 71.9
 176 67.9

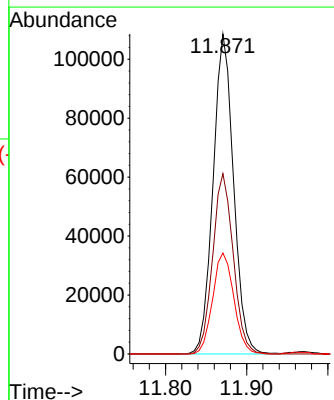
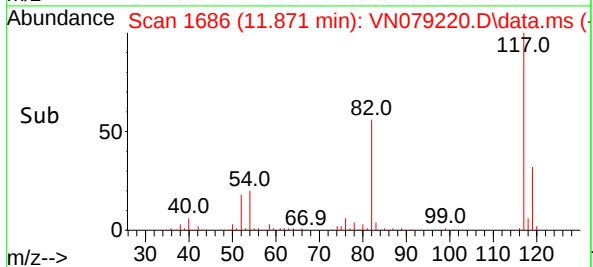
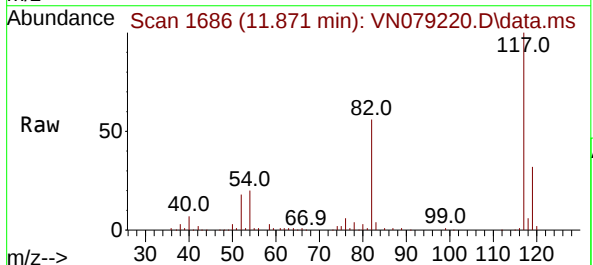
Manual Integrations
 APPROVED

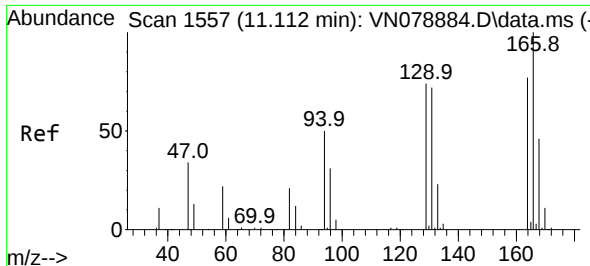
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. -0.000 min
 Lab File: VN079220.D
 Acq: 11 Sep 2023 15:31

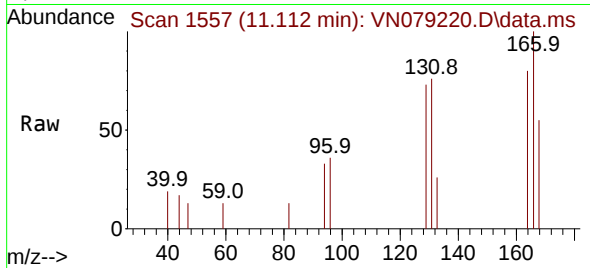
Tgt Ion:117 Resp: 190361
 Ion Ratio Lower Upper
 117 100
 82 56.4 44.0 66.0
 119 31.5 25.6 38.4





#64
Tetrachloroethene
Concen: 1.043 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

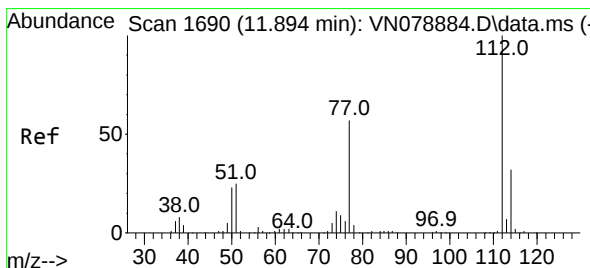
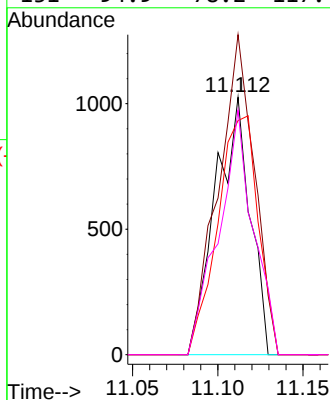
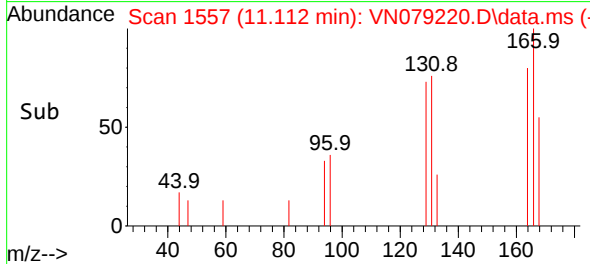
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



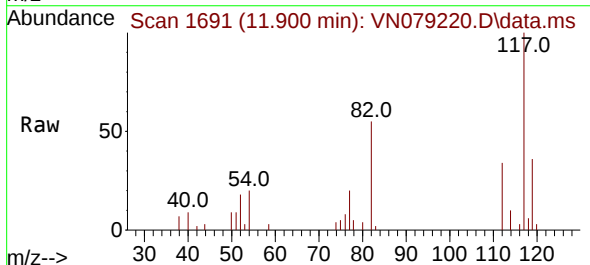
Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.3	101.4	152.0
129	90.9	82.4	123.6
131	94.9	78.2	117.4

Manual Integrations
APPROVED

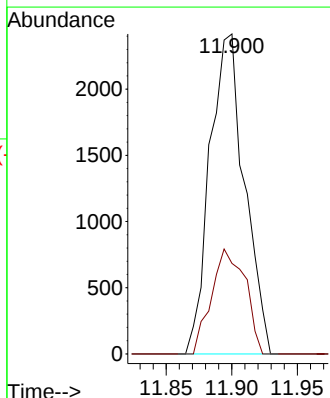
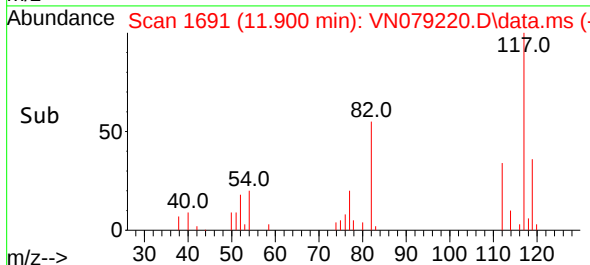
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

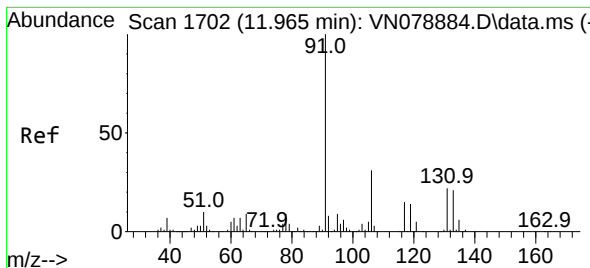


#65
Chlorobenzene
Concen: 1.032 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.006 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31



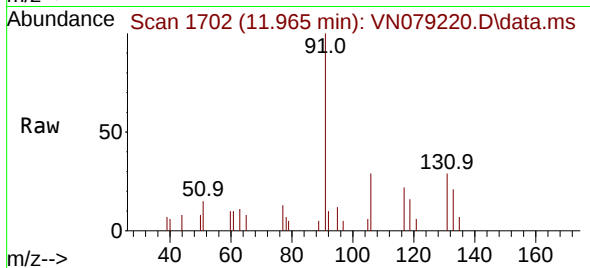
Tgt Ion	Ratio	Lower	Upper
112	100		
114	28.3	25.0	37.4





#66
1,1,1,2-Tetrachloroethane
Concen: 0.903 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

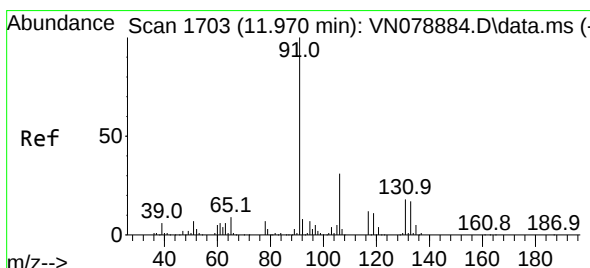
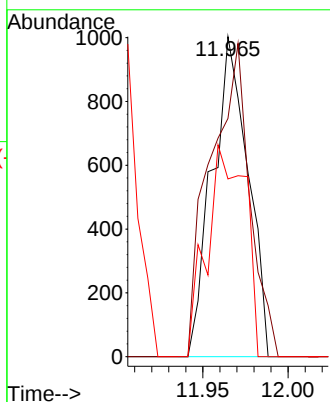
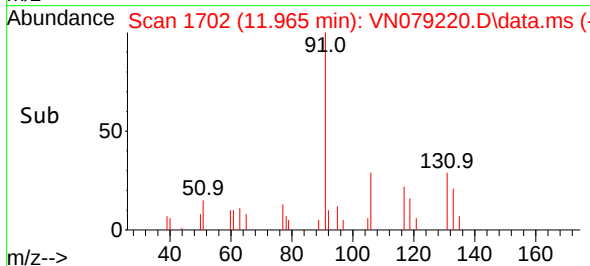
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



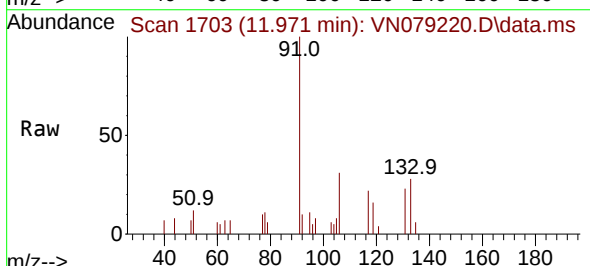
Tgt Ion:131 Resp: 1460
Ion Ratio Lower Upper
131 100
133 108.1 46.4 139.1
119 0.0 34.1 102.2

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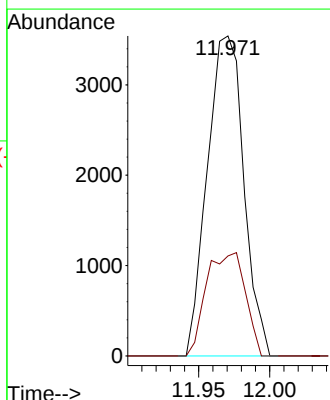
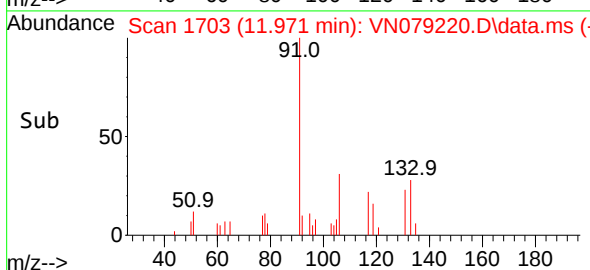
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

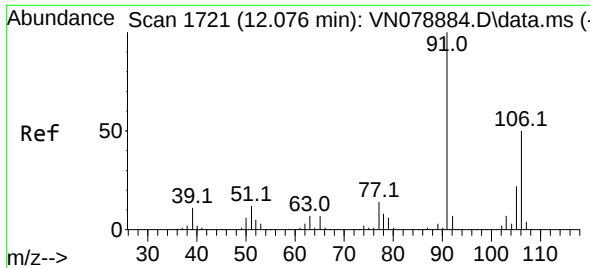


#67
Ethyl Benzene
Concen: 0.857 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31



Tgt Ion: 91 Resp: 6322
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4





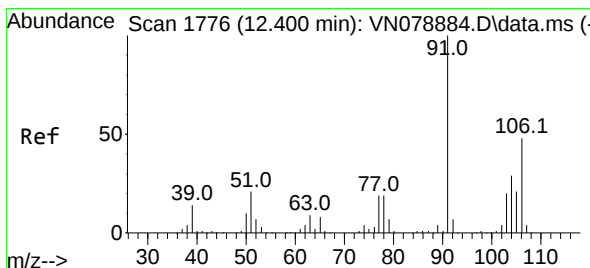
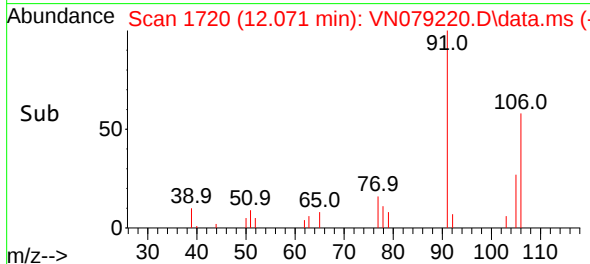
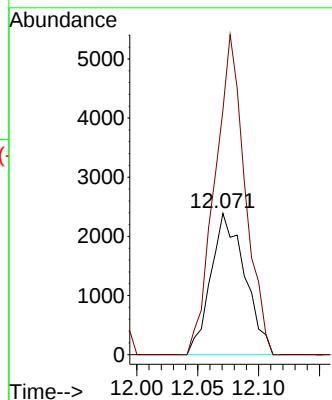
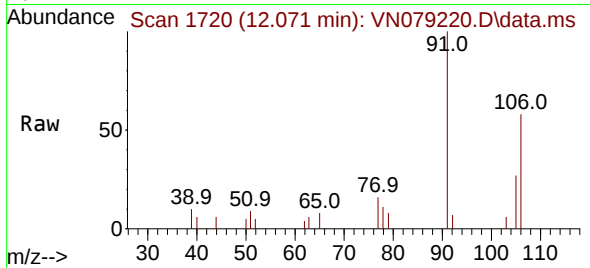
#68
m/p-Xylenes
Concen: 1.694 ug/l
RT: 12.071 min Scan# 1721
Delta R.T. -0.005 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:106 Resp: 465
Ion Ratio Lower Upper
106 100
91 201.6 159.6 239.4

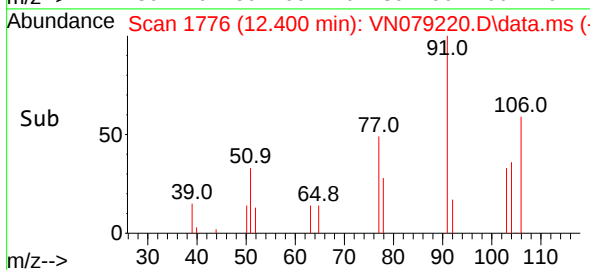
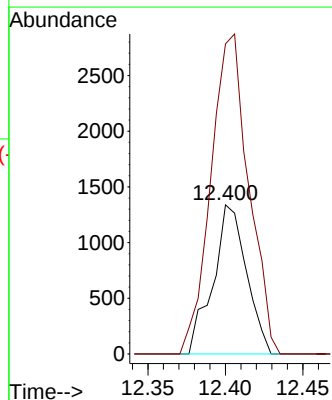
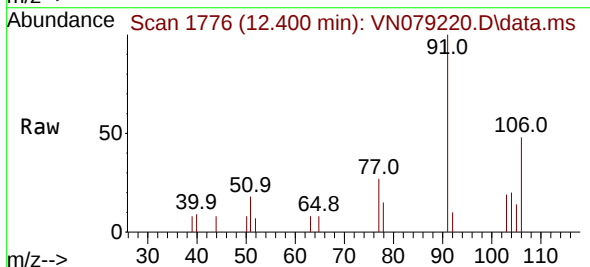
Manual Integrations
APPROVED

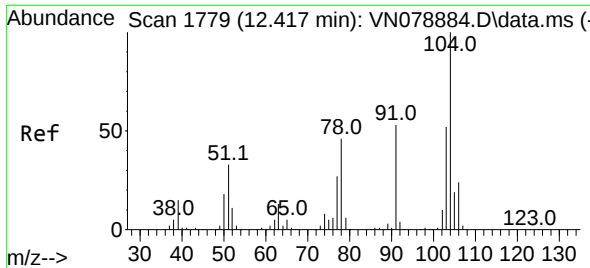
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#69
o-Xylene
Concen: 0.762 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

Tgt Ion:106 Resp: 2010
Ion Ratio Lower Upper
106 100
91 242.8 105.2 315.5





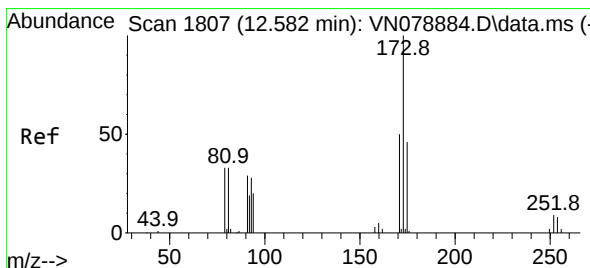
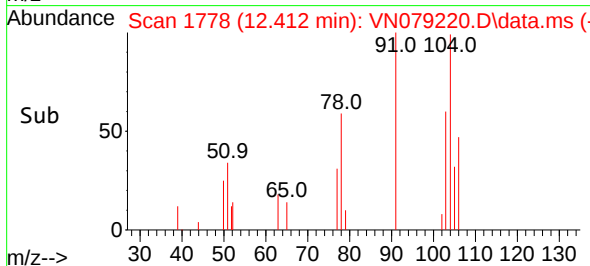
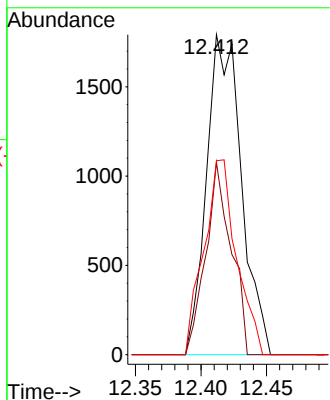
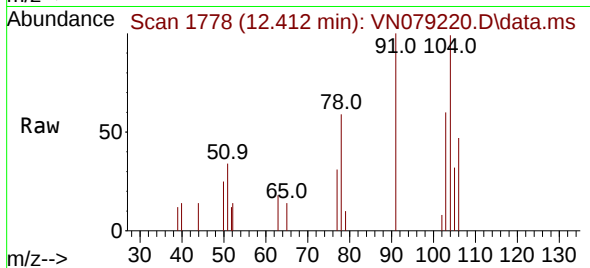
#70
Styrene
Concen: 0.779 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:104 Resp: 3304
Ion Ratio Lower Upper
104 100
78 44.0 39.5 59.3
103 57.1 43.2 64.8

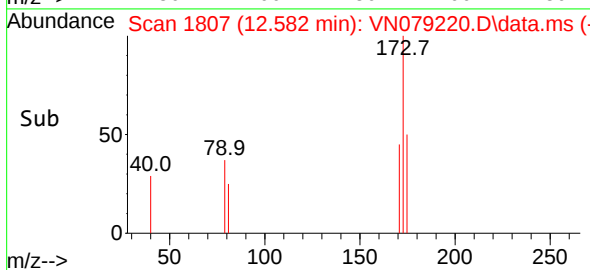
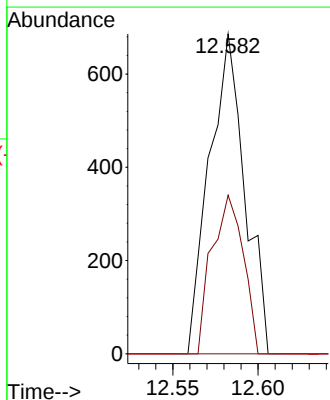
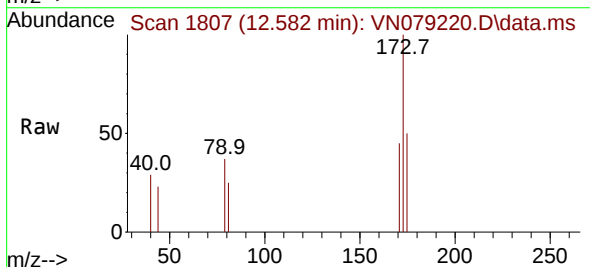
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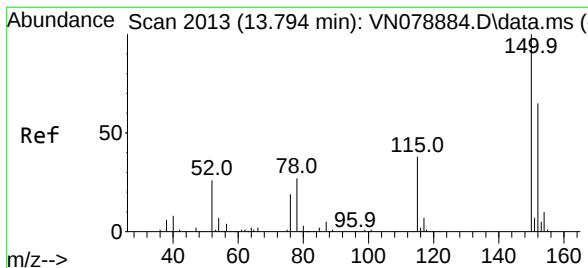
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#71
Bromoform
Concen: 0.831 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

Tgt Ion:173 Resp: 992
Ion Ratio Lower Upper
173 100
175 44.0 24.3 73.0
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN079220.D

Acq: 11 Sep 2023 15:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:152 Resp: 5666

Ion Ratio Lower Upper

152 100

115 59.1 32.3 96.8

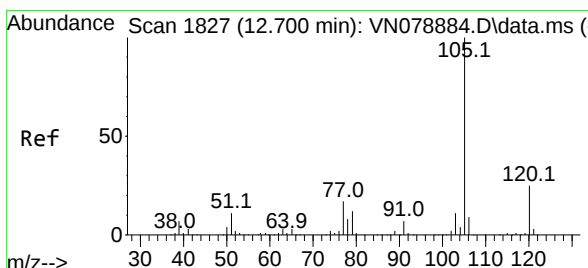
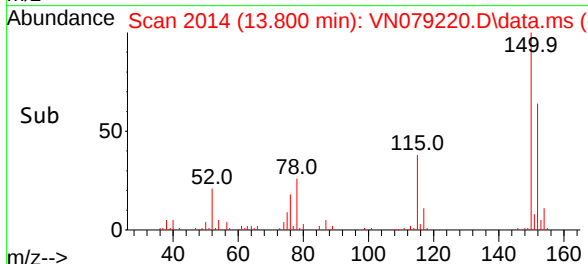
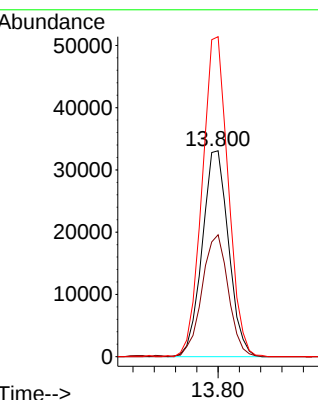
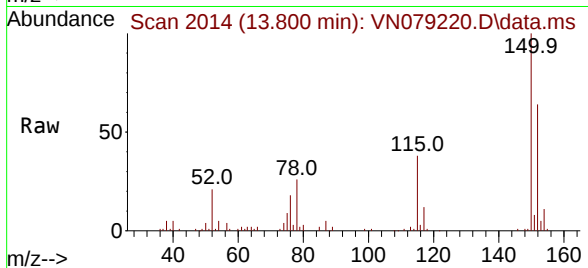
150 153.4 0.0 355.8

Manual Integrations

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Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#73

Isopropylbenzene

Concen: 0.996 ug/l

RT: 12.706 min Scan# 1828

Delta R.T. 0.006 min

Lab File: VN079220.D

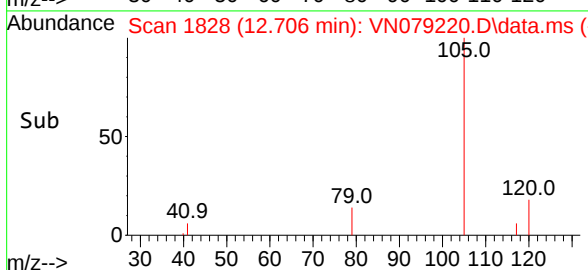
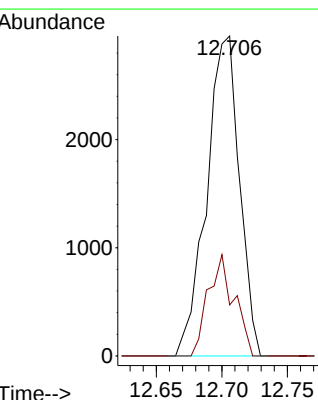
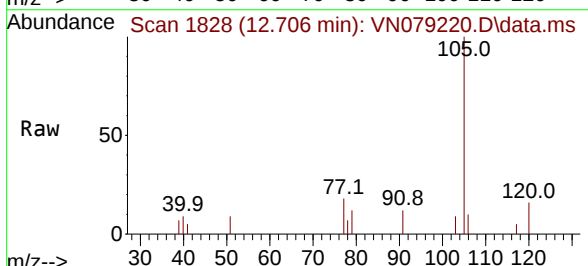
Acq: 11 Sep 2023 15:31

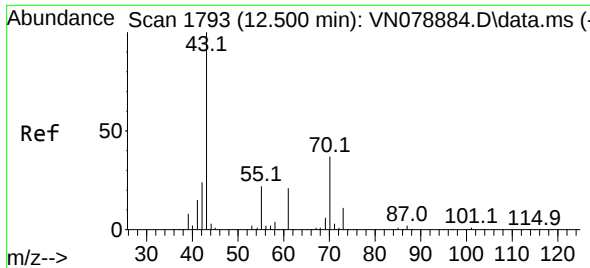
Tgt Ion:105 Resp: 5133

Ion Ratio Lower Upper

105 100

120 25.0 13.1 39.1





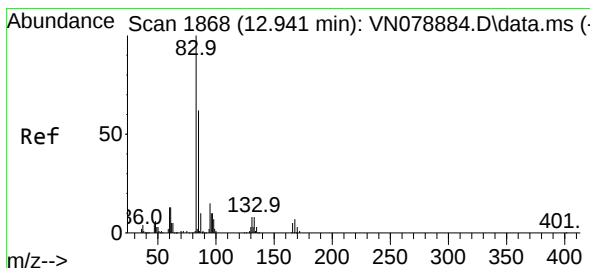
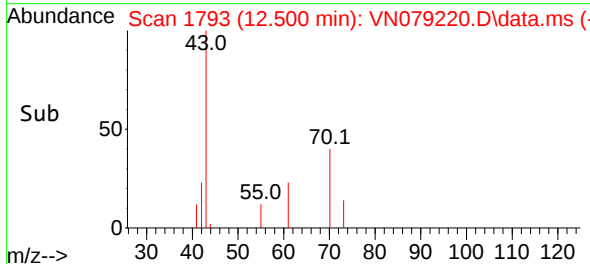
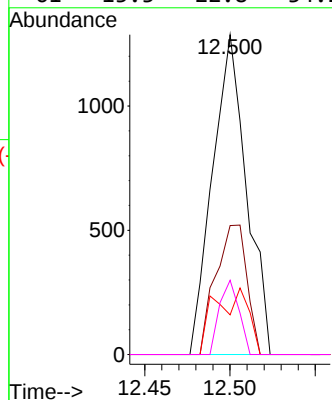
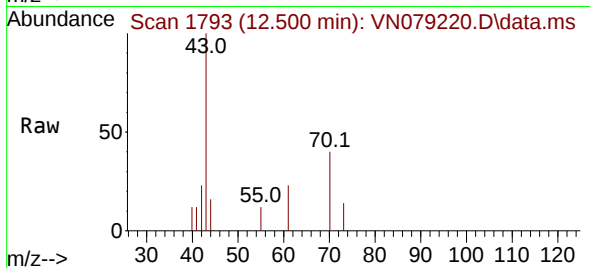
#74
N-amy1 acetate
Concen: 0.912 ug/l
RT: 12.500 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 1784
Ion Ratio Lower Upper
43 100
70 37.2 43.4 65.2
55 20.5 21.4 32.0
61 13.3 22.8 34.2

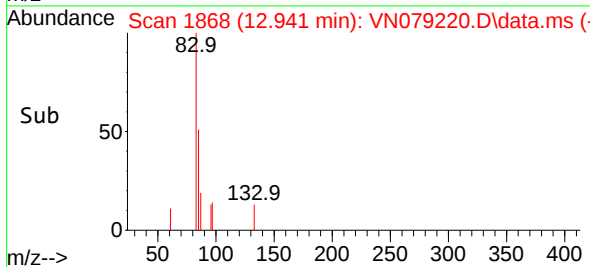
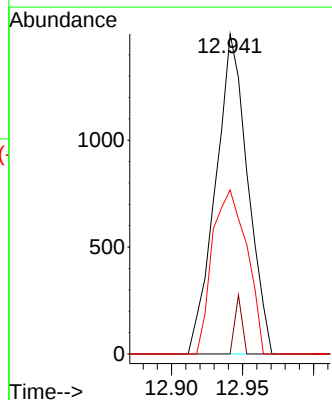
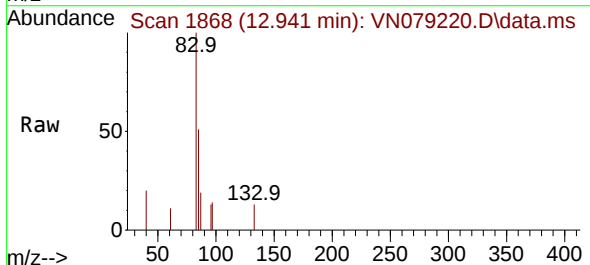
Manual Integrations
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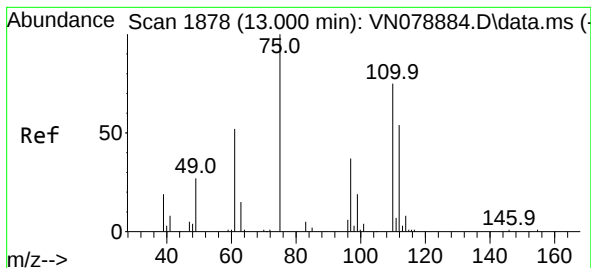
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#75
1,1,2,2-Tetrachloroethane
Concen: 1.226 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

Tgt Ion: 83 Resp: 2353
Ion Ratio Lower Upper
83 100
131 4.1 5.0 15.0
85 55.0 31.9 95.7





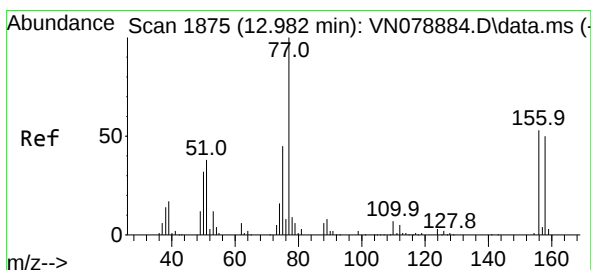
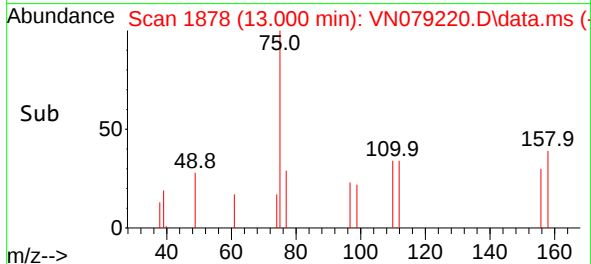
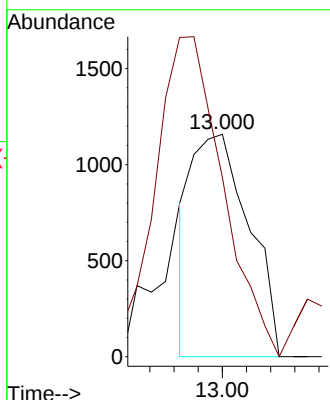
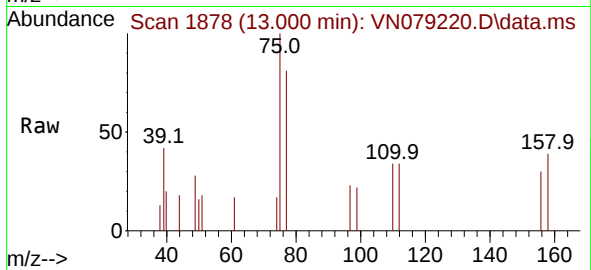
#76
1,2,3-Trichloropropane
Concen: 1.299 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 1910
Ion Ratio Lower Upper
75 100
77 169.6 84.5 253.5

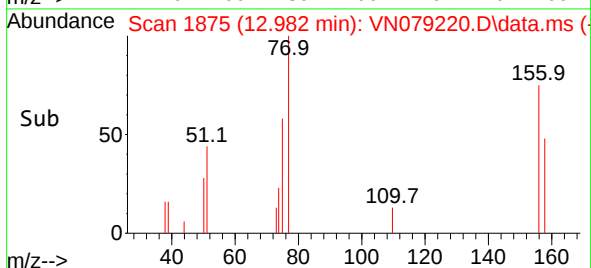
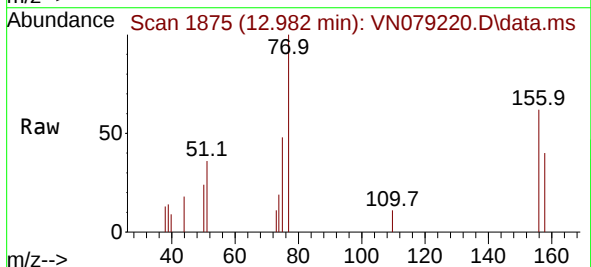
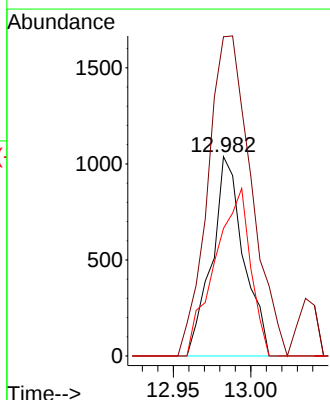
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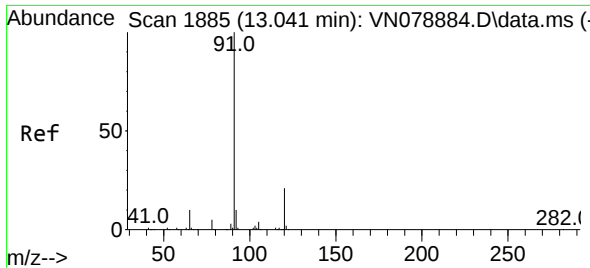
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#77
Bromobenzene
Concen: 1.132 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

Tgt Ion:156 Resp: 1478
Ion Ratio Lower Upper
156 100
77 219.1 107.7 323.3
158 93.8 48.4 145.3





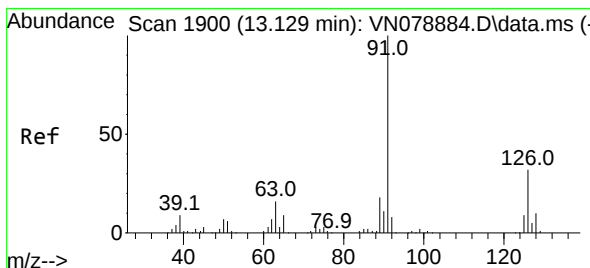
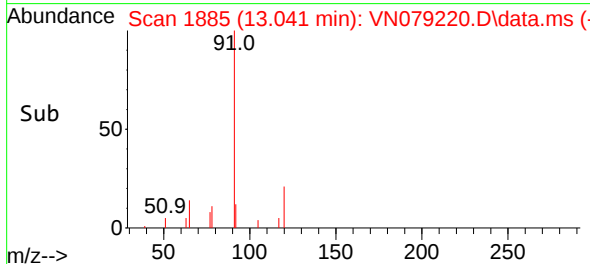
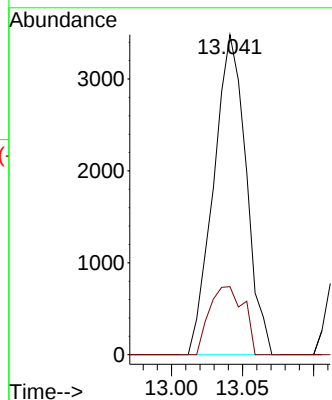
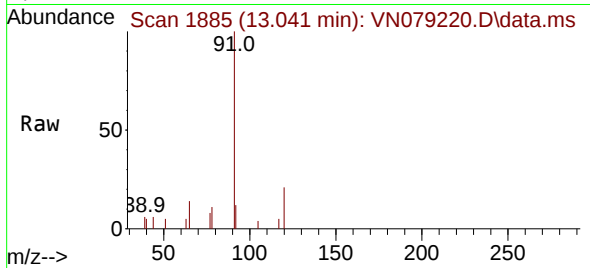
#78
n-propylbenzene
Concen: 0.955 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 553
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4

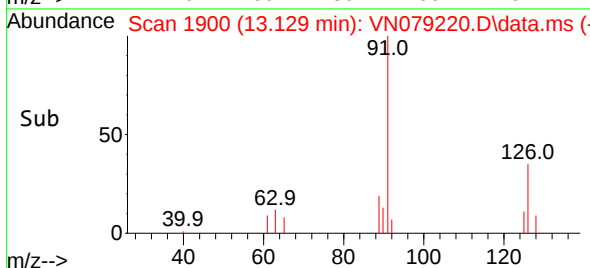
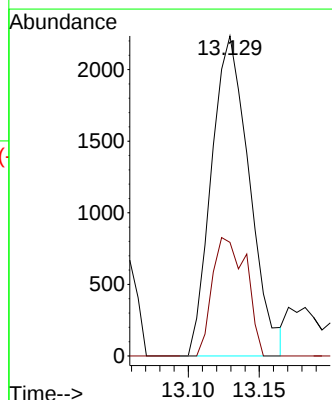
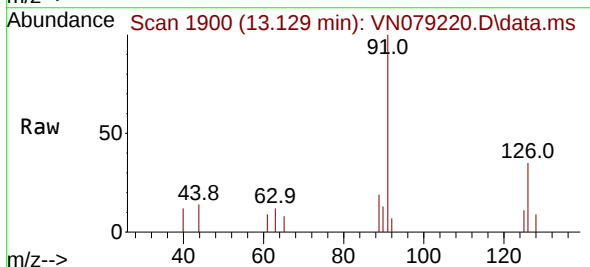
Manual Integrations
APPROVED

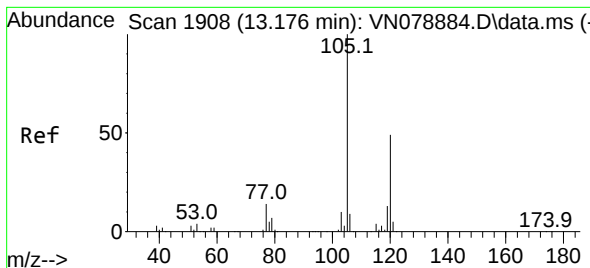
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#79
2-Chlorotoluene
Concen: 1.094 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

Tgt Ion: 91 Resp: 4143
Ion Ratio Lower Upper
91 100
126 33.2 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 1.001 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079220.D

Acq: 11 Sep 2023 15:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:105 Resp: 430

Ion Ratio Lower Upper

105 100

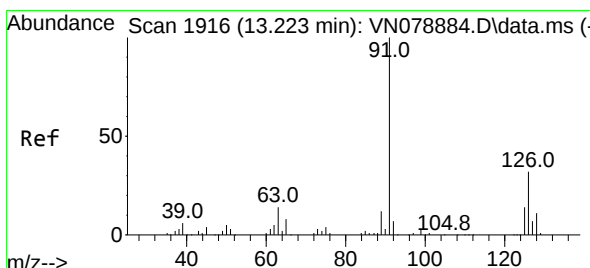
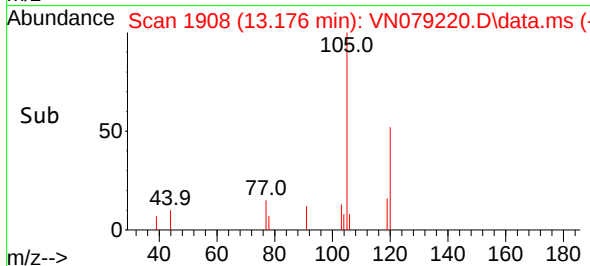
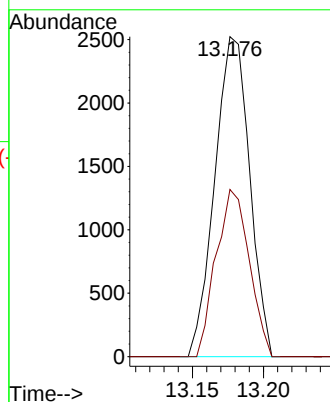
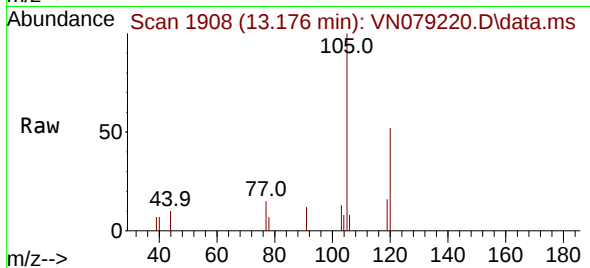
120 49.7 24.1 72.3

Manual Integrations

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Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#82

4-Chlorotoluene

Concen: 1.037 ug/l

RT: 13.229 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VN079220.D

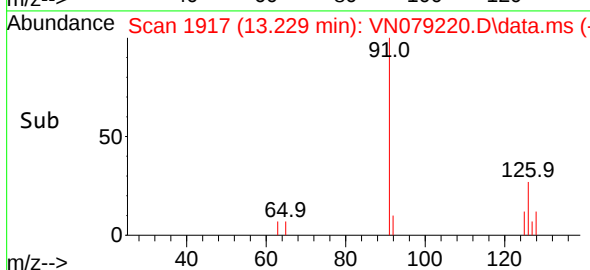
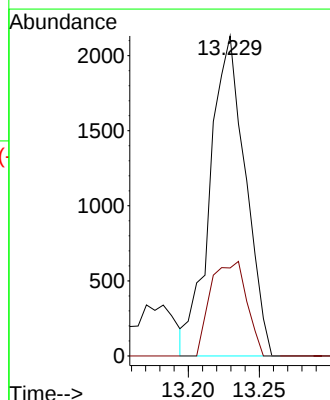
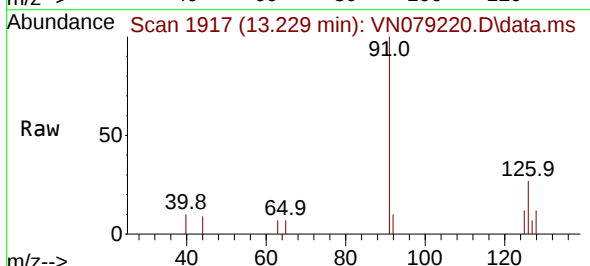
Acq: 11 Sep 2023 15:31

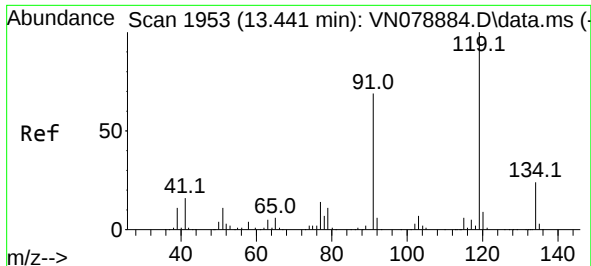
Tgt Ion: 91 Resp: 3690

Ion Ratio Lower Upper

91 100

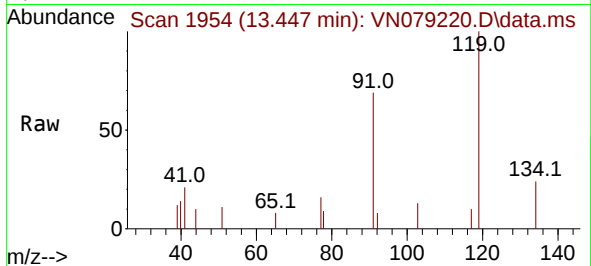
126 30.0 16.7 50.0





#83
tert-Butylbenzene
Concen: 0.934 ug/l
RT: 13.447 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

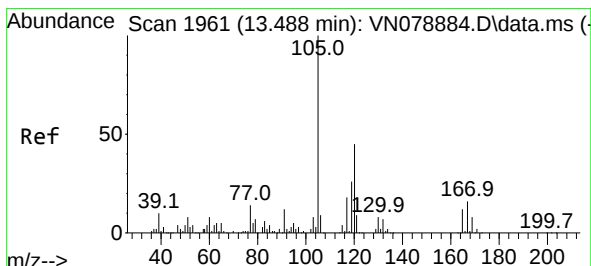
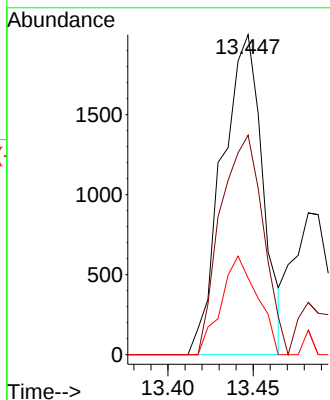
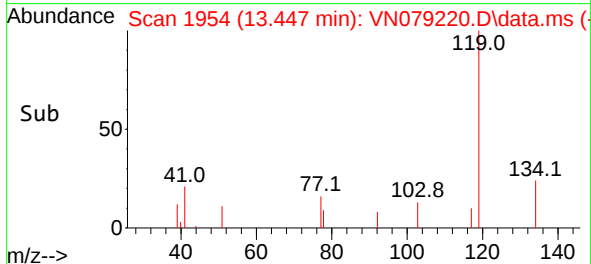
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



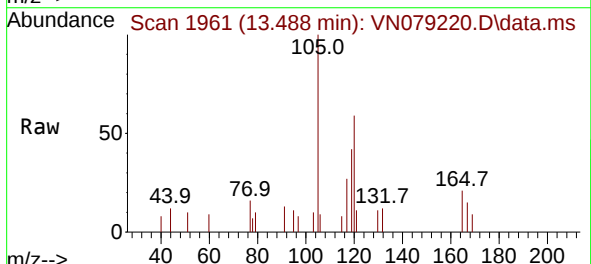
Tgt Ion:119 Resp: 3319
Ion Ratio Lower Upper
119 100
91 71.9 33.9 101.7
134 27.6 13.2 39.6

Manual Integrations
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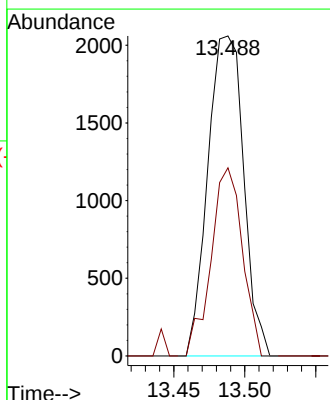
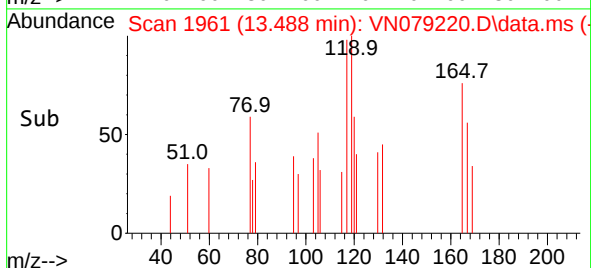
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

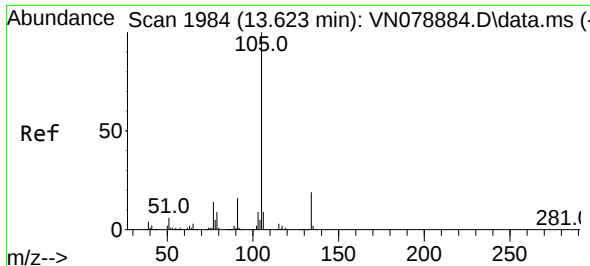


#84
1,2,4-Trimethylbenzene
Concen: 0.884 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31



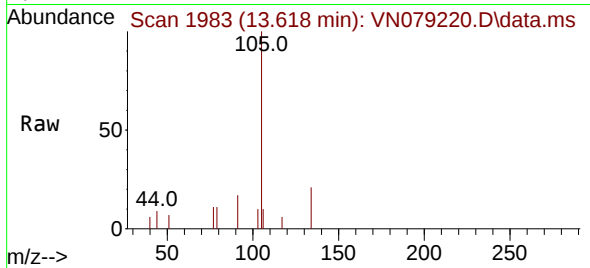
Tgt Ion:105 Resp: 3616
Ion Ratio Lower Upper
105 100
120 51.5 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 0.967 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.005 min
 Lab File: VN079220.D
 Acq: 11 Sep 2023 15:31

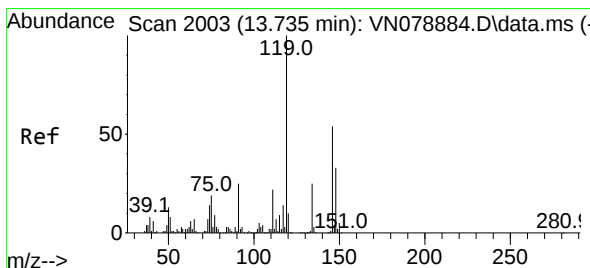
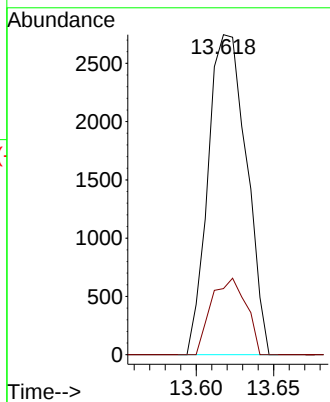
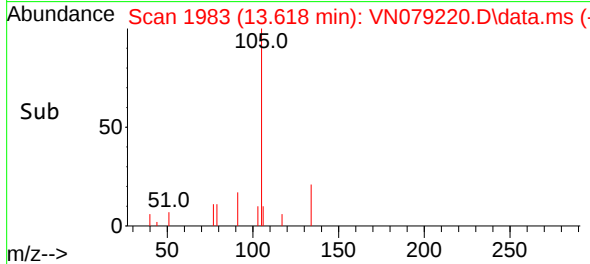
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



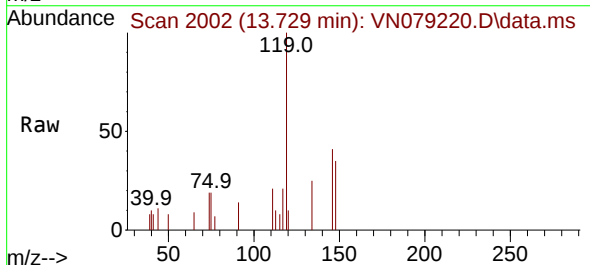
Tgt Ion:105 Resp: 473
 Ion Ratio Lower Upper
 105 100
 134 21.7 9.8 29.3

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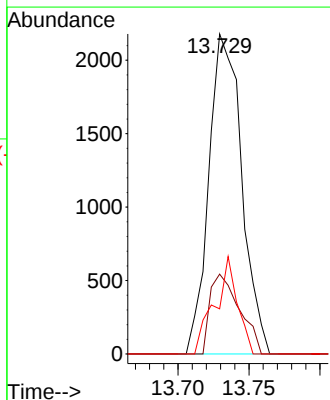
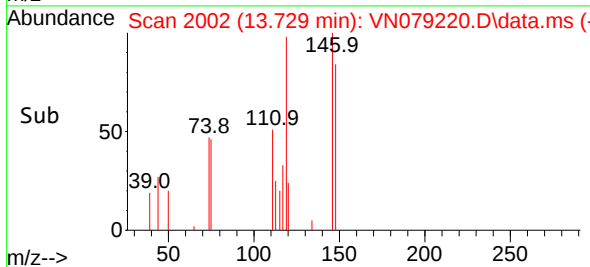
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023

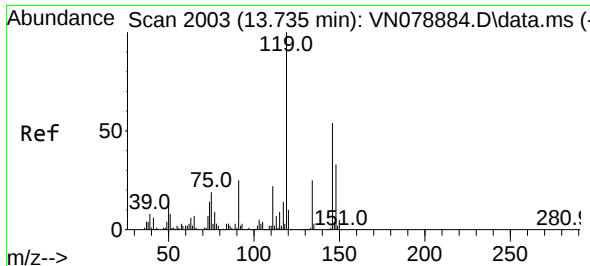


#86
 p-Isopropyltoluene
 Concen: 0.897 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.006 min
 Lab File: VN079220.D
 Acq: 11 Sep 2023 15:31



Tgt Ion:119 Resp: 3507
 Ion Ratio Lower Upper
 119 100
 134 22.5 12.6 37.8
 91 21.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 1.081 ug/l

RT: 13.741 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079220.D

Acq: 11 Sep 2023 15:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

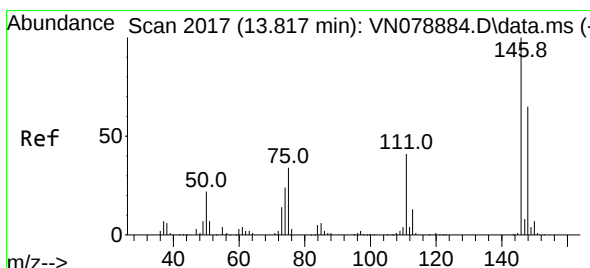
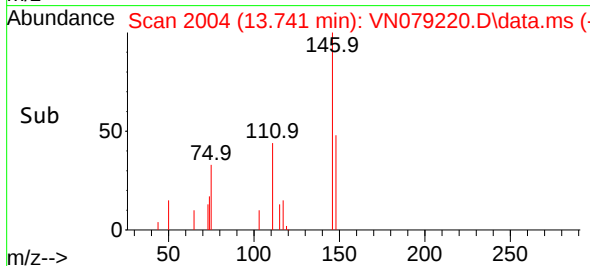
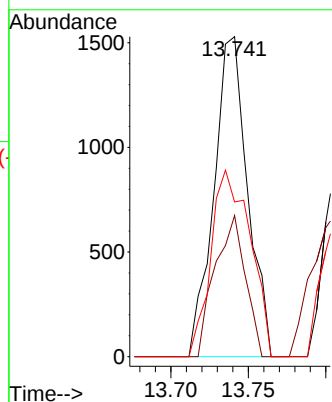
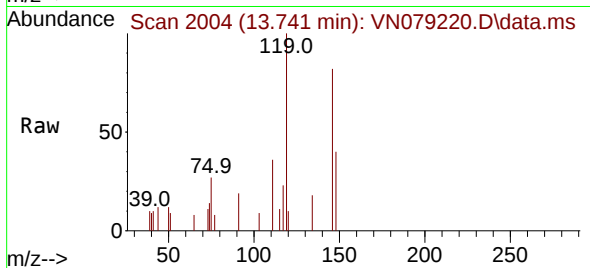
Tgt Ion:	146	Resp:	231
Ion Ratio	Lower	Upper	
146	100		
111	39.7	22.1	66.3
148	67.8	32.0	96.0

Manual Integrations

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Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#88

1,4-Dichlorobenzene

Concen: 1.152 ug/l m

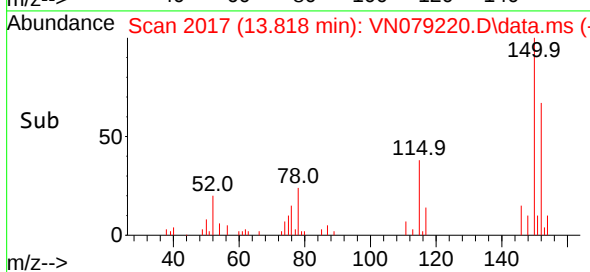
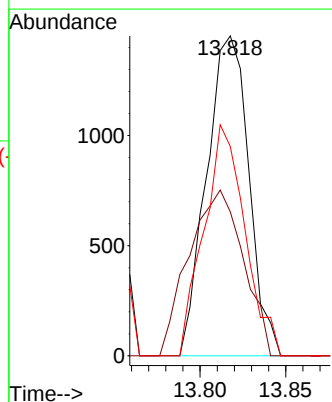
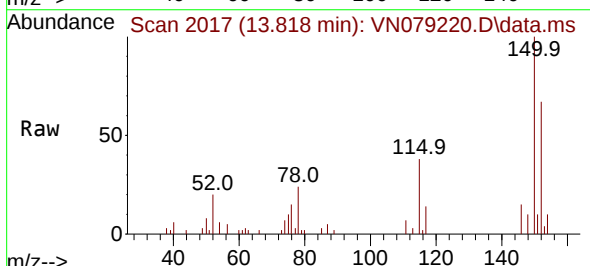
RT: 13.818 min Scan# 2017

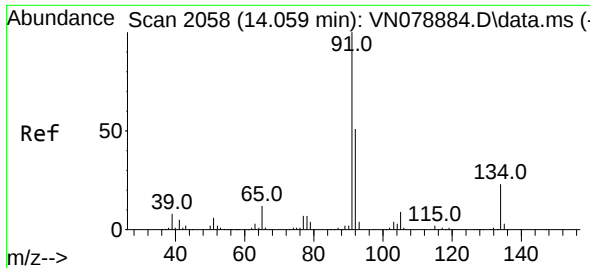
Delta R.T. -0.000 min

Lab File: VN079220.D

Acq: 11 Sep 2023 15:31

Tgt Ion:	146	Resp:	2492
Ion Ratio	Lower	Upper	
146	100		
111	36.8	20.6	61.8
148	63.0	31.6	94.8





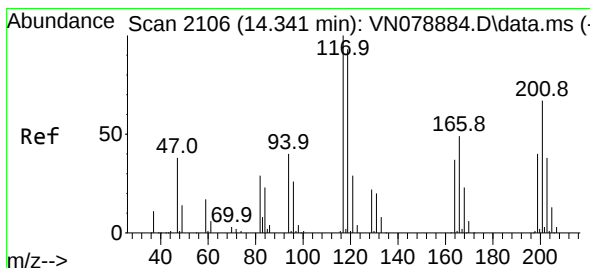
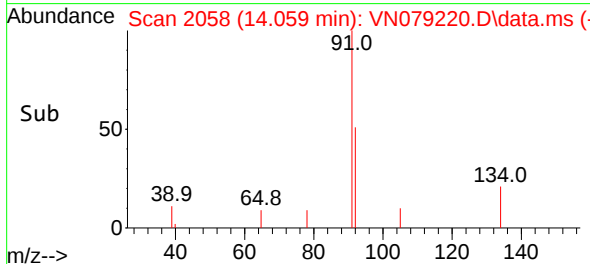
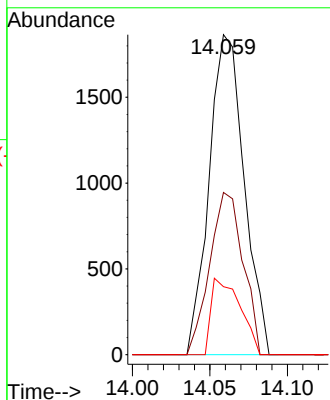
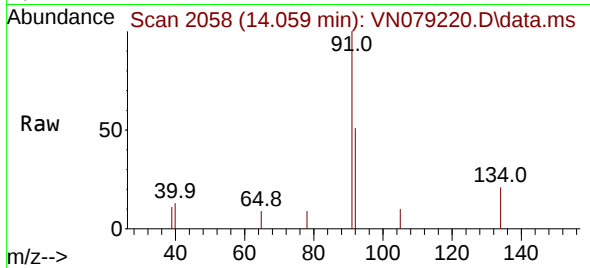
#89
n-Butylbenzene
Concen: 0.954 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Lower	Upper
91	100		
92	48.3	26.4	79.0
134	19.8	12.6	37.6

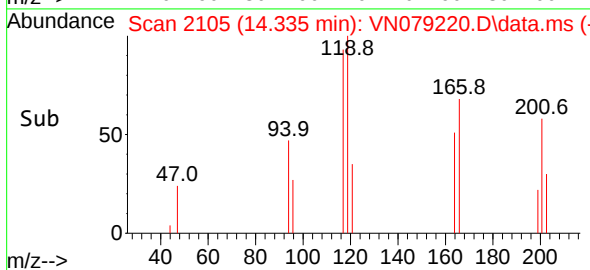
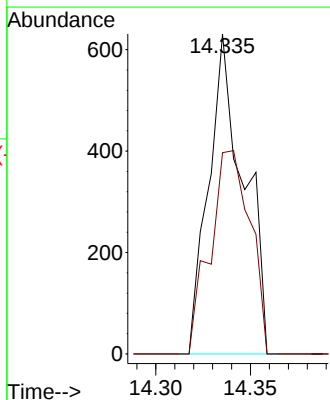
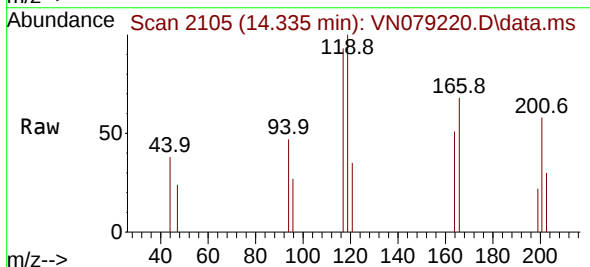
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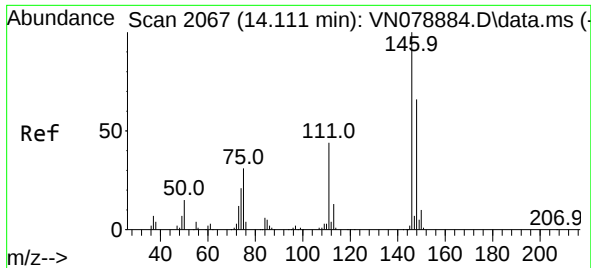
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#90
Hexachloroethane
Concen: 1.020 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

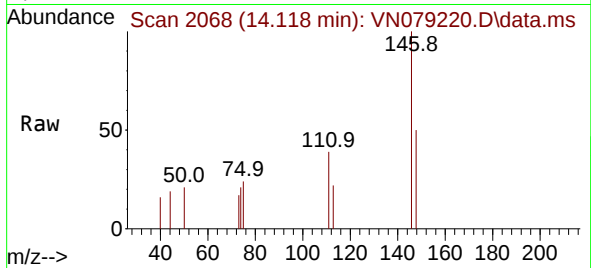
Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.2	29.3	88.0





#91
1,2-Dichlorobenzene
Concen: 1.014 ug/l
RT: 14.118 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

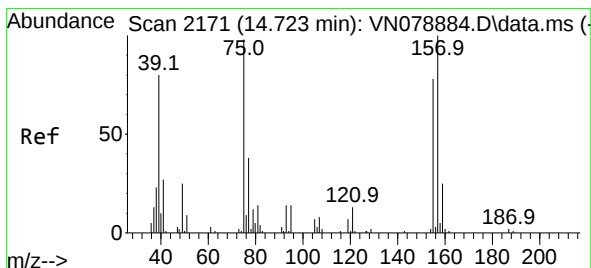
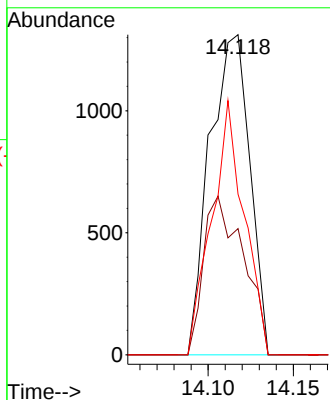
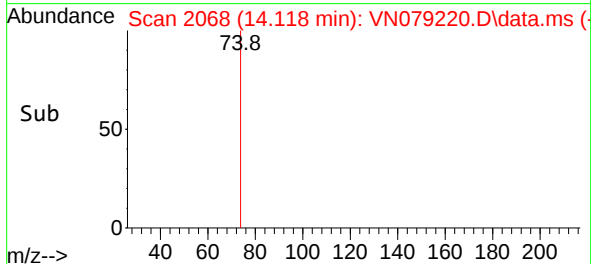
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion:146 Resp: 2144
Ion Ratio Lower Upper
146 100
111 49.4 22.0 66.0
148 64.5 31.8 95.3

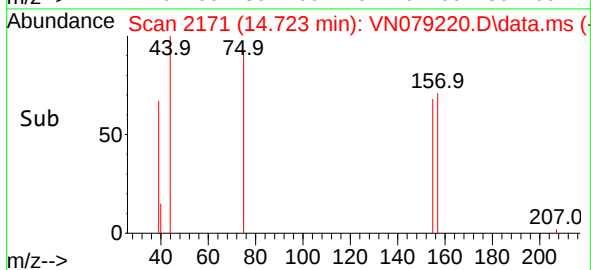
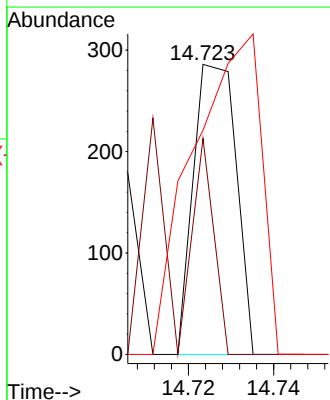
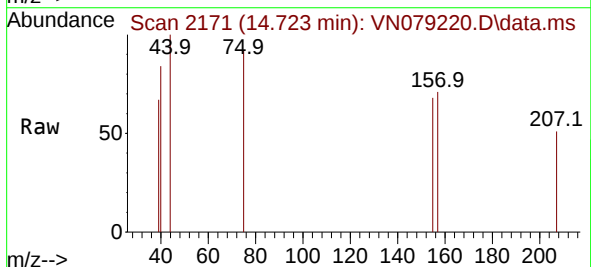
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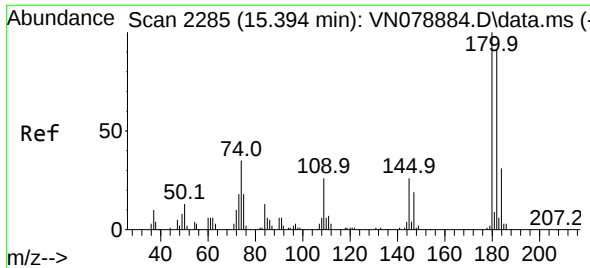
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.658 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

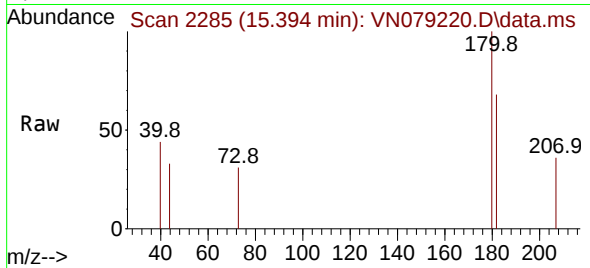
Tgt Ion: 75 Resp: 199
Ion Ratio Lower Upper
75 100
155 0.0 39.1 117.2#
157 176.4 50.3 150.9#





#93
 1,2,4-Trichlorobenzene
 Concen: 0.878 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN079220.D
 Acq: 11 Sep 2023 15:31

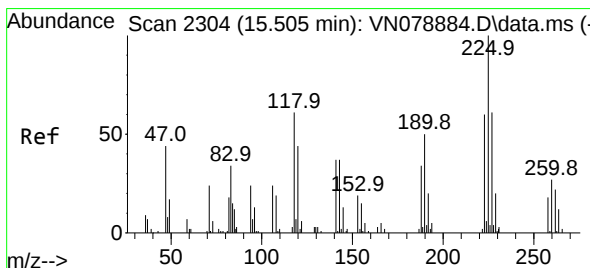
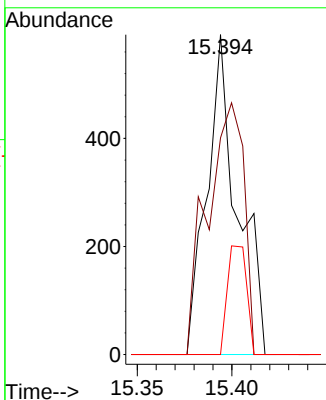
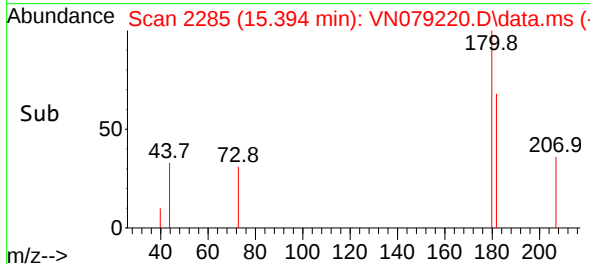
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



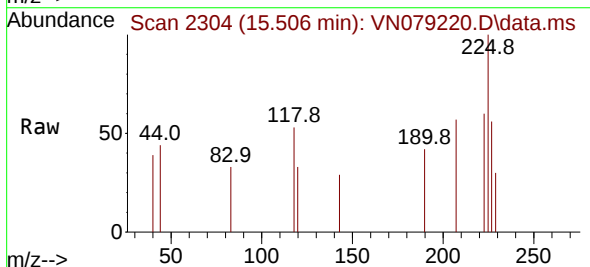
Tgt Ion:180 Resp: 66
 Ion Ratio Lower Upper
 180 100
 182 94.0 46.1 138.2
 145 21.1 16.6 49.8

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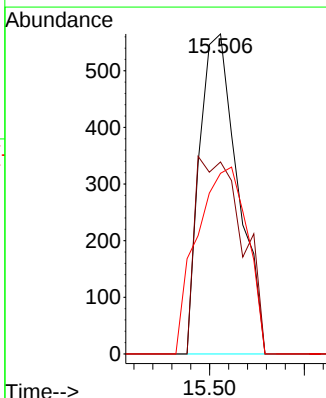
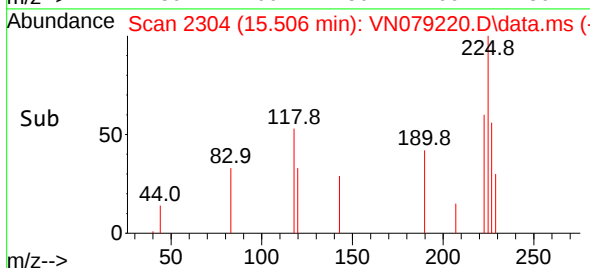
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023

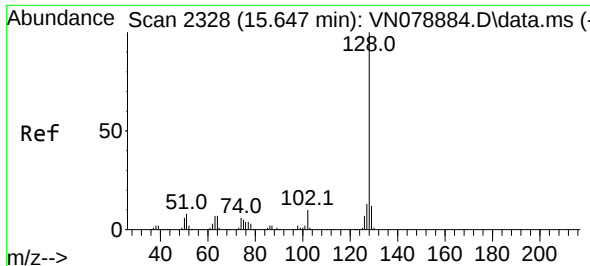


#94
 Hexachlorobutadiene
 Concen: 1.324 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. -0.000 min
 Lab File: VN079220.D
 Acq: 11 Sep 2023 15:31



Tgt Ion:225 Resp: 791
 Ion Ratio Lower Upper
 225 100
 223 75.7 31.3 93.8
 227 77.1 31.9 95.9





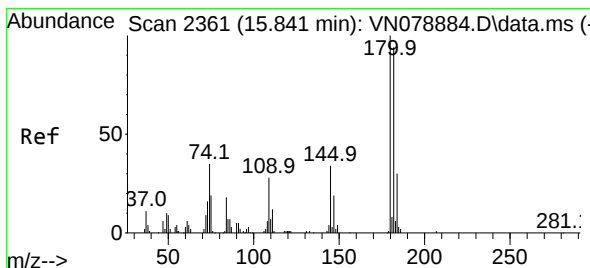
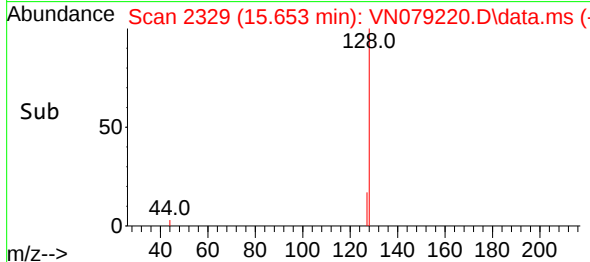
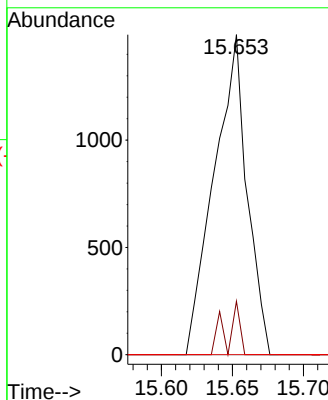
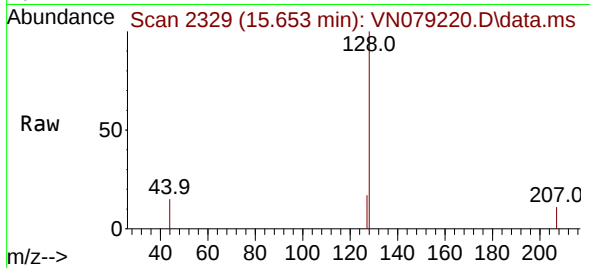
#95
Naphthalene
Concen: 1.064 ug/l
RT: 15.653 min Scan# 2329
Delta R.T. 0.006 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:	128	Resp:	2400
Ion Ratio	Lower	Upper	
128	100		
127	3.0	10.0	15.0
129	0.0	8.7	13.1

Manual Integrations
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Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#96
1,2,3-Trichlorobenzene
Concen: 1.158 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079220.D
Acq: 11 Sep 2023 15:31

Tgt Ion:	180	Resp:	1038
Ion Ratio	Lower	Upper	
180	100		
182	75.2	46.2	138.6
145	18.1	17.5	52.6

