

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062323\
 Data File : VN078370.D
 Acq On : 23 Jun 2023 11:34
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/24/2023
 Supervised By : Mahesh Dadoda 06/26/2023

Quant Time: Jun 24 00:34:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 24 00:28:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	80438	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	449800	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	384552	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	183947	30.368	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.233%			
60) 4-Bromofluorobenzene	12.853	95	159020	29.351	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.833%			
63) Toluene-d8	10.571	98	565196	30.334	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	49661	10.193	ug/l	95
3) Chloromethane	2.377	50	62133	10.575	ug/l	99
4) Vinyl Chloride	2.524	62	74635	10.327	ug/l	93
5) Bromomethane	2.971	94	60498	10.297	ug/l	98
6) Chloroethane	3.130	64	52208	10.142	ug/l	91
7) Trichlorofluoromethane	3.512	101	85444	10.045	ug/l	98
8) Diethyl Ether	3.977	74	30130	10.611	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.383	101	47047m	10.175	ug/l	
10) 1,1-Dichloroethene	4.353	96	46036	10.154	ug/l	92
11) Methyl Iodide	4.600	142	61915	9.639	ug/l	98
12) Methyl Acetate	5.036	43	73588m	10.465	ug/l	
13) Acrolein	4.194	56	44432	50.449	ug/l	94
14) Acrylonitrile	5.736	53	93378	48.367	ug/l	100
15) Acetone	4.441	58	27268m	50.434	ug/l	
16) Carbon Disulfide	4.724	76	122578	9.894	ug/l	99
17) Allyl chloride	5.036	41	56575m	9.929	ug/l	
18) Methylene Chloride	5.289	84	53739	10.003	ug/l	94
19) trans-1,2-Dichloroethene	5.800	96	51430	10.279	ug/l	95
20) Diisopropyl ether	6.683	45	132954	9.733	ug/l #	93
21) 1,1-Dichloroethane	6.583	63	89208	9.846	ug/l	97
22) cis-1,2-Dichloroethene	7.494	96	57755	10.146	ug/l	96
23) tert-Butyl Alcohol	5.541	59	35607m	50.165	ug/l	
24) Methyl tert-Butyl Ether	5.812	73	140684	9.841	ug/l	100
25) Chloroform	7.977	83	96865	10.116	ug/l	91
26) Cyclohexane	8.265	56	63744	9.830	ug/l #	96
29) 1,1-Dichloropropene	8.382	75	70558	10.119	ug/l	98
30) 2-Butanone	7.494	43	123053	50.349	ug/l #	97
31) 2,2-Dichloropropane	7.500	77	76819	10.304	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	85400	10.052	ug/l #	85
33) Carbon Tetrachloride	8.371	117	73684	9.947	ug/l	91
34) Benzene	8.618	78	208641	10.034	ug/l	97
35) Methacrylonitrile	7.788	41	26609	9.487	ug/l	79
36) 1,2-Dichloroethane	8.682	62	71853	10.136	ug/l #	95
37) Trichloroethene	9.359	130	51625	9.718	ug/l	90
38) Methylcyclohexane	9.606	83	59560	9.722	ug/l	96
39) 1,2-Dichloropropane	9.629	63	52190	10.020	ug/l	99
40) Dibromomethane	9.712	93	38917	10.354	ug/l	93
41) Bromodichloromethane	9.894	83	70944	9.716	ug/l	99
42) Vinyl Acetate	6.618	43	386587	49.654	ug/l #	70

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 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

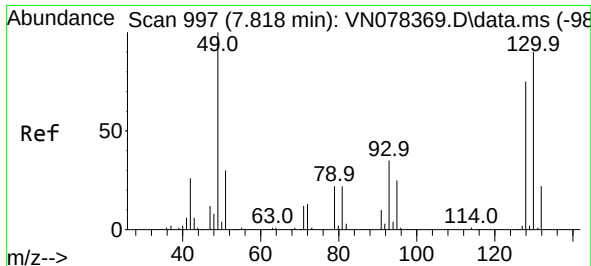
Manual Integrations
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 Supervised By : Mahesh Dadoda 06/26/2023

Quant Time: Jun 24 00:34:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062323W.M
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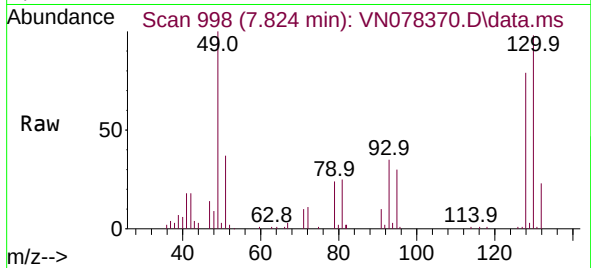
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	54319m	10.836	ug/l	
44) Isopropyl Acetate	8.700	43	86801	9.339	ug/l	99
45) 1,4-Dioxane	9.700	88	15771	196.983	ug/l	95
46) Methyl methacrylate	9.688	41	38824	9.384	ug/l	96
47) n-amyl Acetate	12.500	43	64108	9.383	ug/l	99
48) t-1,3-Dichloropropene	10.841	75	69689	9.298	ug/l	89
49) cis-1,3-Dichloropropene	10.318	75	80038	9.688	ug/l	95
50) 1,1,2-Trichloroethane	11.018	97	49666	9.857	ug/l	98
51) Ethyl methacrylate	10.882	69	64188	9.312	ug/l	91
52) 1,3-Dichloropropane	11.165	76	82402	9.744	ug/l	97
53) Dibromochloromethane	11.365	129	52125	9.754	ug/l	97
54) 1,2-Dibromoethane	11.476	107	49562	9.759	ug/l	98
55) 2-Chloroethyl vinyl ether	10.171	63	115698	45.498	ug/l	98
56) Bromoform	12.582	173	31441	9.611	ug/l	93
58) 4-Methyl-2-Pentanone	10.447	43	257980	50.236	ug/l	98
59) 2-Hexanone	11.200	43	173917	49.037	ug/l	98
61) Tetrachloroethene	11.106	164	42110	9.993	ug/l	96
62) Toluene	10.635	91	225311	10.067	ug/l	98
64) Chlorobenzene	11.900	112	128925	9.719	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.965	131	50642	9.900	ug/l	97
66) Ethyl Benzene	11.970	91	219111	9.621	ug/l	98
67) m/p-Xylenes	12.076	106	166429	19.328	ug/l	100
68) o-Xylene	12.406	106	80670	9.661	ug/l	95
69) Styrene	12.417	104	126733	9.586	ug/l	98
70) Isopropylbenzene	12.700	105	200814	9.787	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	67427	10.106	ug/l	96
72) 1,2,3-Trichloropropane	13.000	75	53014m	9.014	ug/l	
73) Bromobenzene	12.982	156	48007	9.786	ug/l	99
74) n-propylbenzene	13.041	91	212845	9.540	ug/l	98
75) 2-Chlorotoluene	13.129	91	142633	9.444	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	162903	9.575	ug/l	97
77) t-1,4-Dichloro-2-butene	12.747	75	15747	8.760	ug/l	91
78) 4-Chlorotoluene	13.229	91	128773	9.111	ug/l	100
79) tert-butylbenzene	13.441	119	126214	9.018	ug/l	92
80) 1,2,4-Trimethylbenzene	13.488	105	154310	9.599	ug/l	98
81) sec-Butylbenzene	13.623	105	172107	9.857	ug/l	99
82) p-Isopropyltoluene	13.735	119	132806	9.457	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	75761	9.744	ug/l	96
84) 1,4-Dichlorobenzene	13.817	146	73754	9.811	ug/l	98
85) n-Butylbenzene	14.064	91	92837	8.950	ug/l	99
86) Hexachloroethane	14.341	117	25776	9.536	ug/l	99
87) 1,2-Dichlorobenzene	14.111	146	75661	9.817	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.723	75	9675	9.624	ug/l	94
89) 1,2,4-Trichlorobenzene	15.400	180	19293	8.210	ug/l	94
90) Hexachlorobutadiene	15.505	225	17567	10.996	ug/l	98
91) Naphthalene	15.647	128	65269	8.476	ug/l	96
92) 1,2,3-Trichlorobenzene	15.841	180	26043	9.580	ug/l	92

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

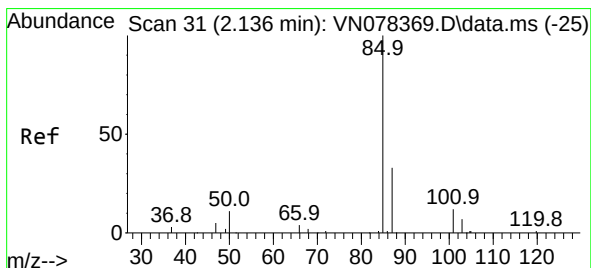
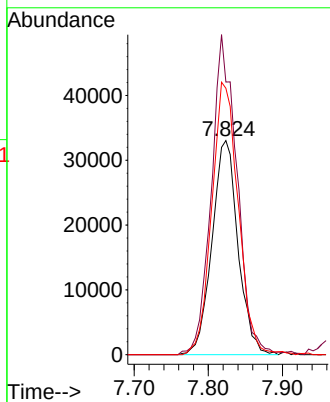
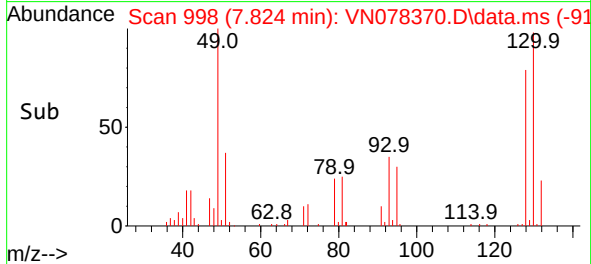
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:128 Resp: 80438
Ion Ratio Lower Upper
128 100
49 146.7 0.0 370.8
130 129.0 0.0 307.0

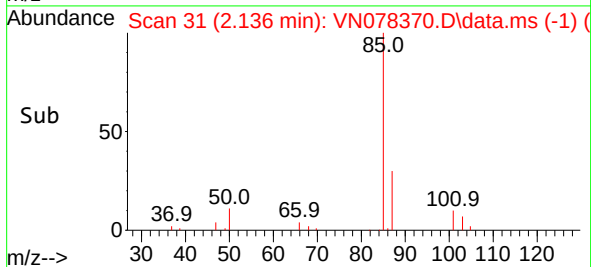
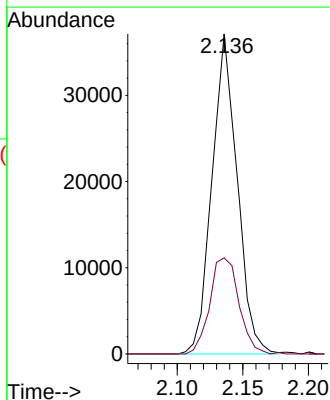
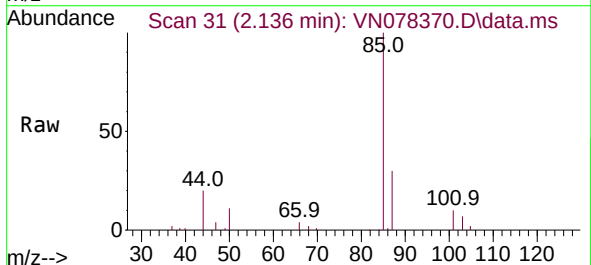
Manual Integrations
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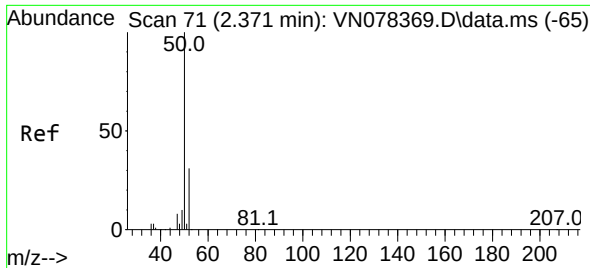
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#2
Dichlorodifluoromethane
Concen: 10.193 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

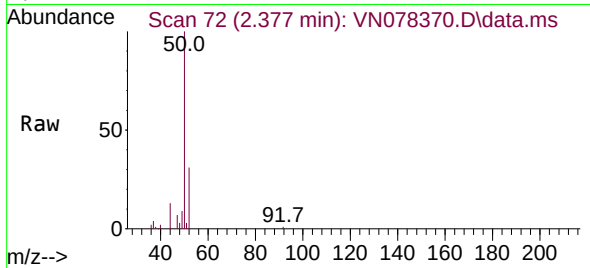
Tgt Ion: 85 Resp: 49661
Ion Ratio Lower Upper
85 100
87 30.0 16.4 49.4





#3
Chloromethane
Concen: 10.575 ug/l
RT: 2.377 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

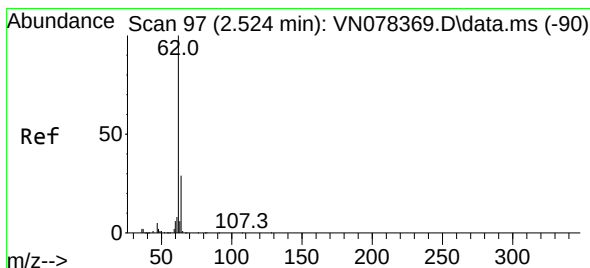
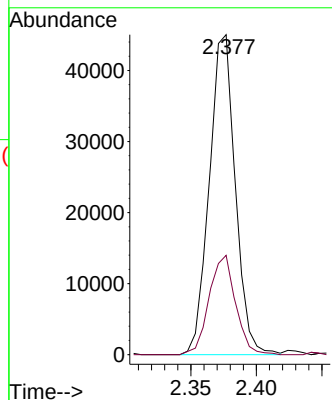
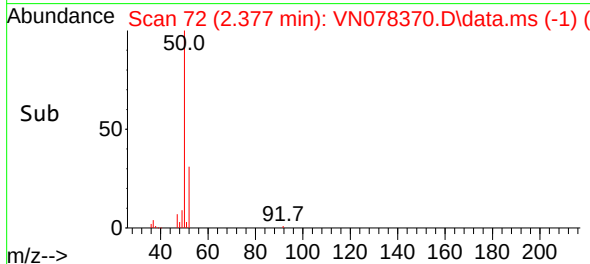
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 50 Resp: 6213
Ion Ratio Lower Upper
50 100
52 31.1 24.6 36.8

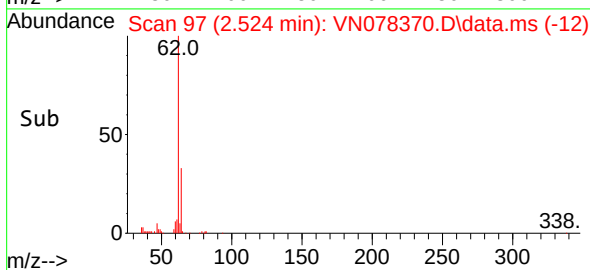
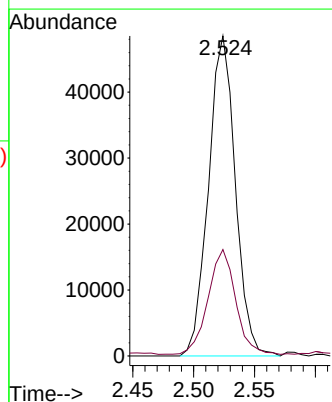
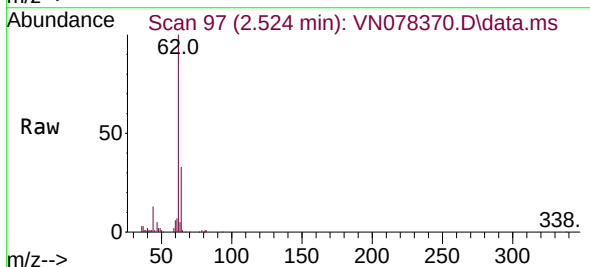
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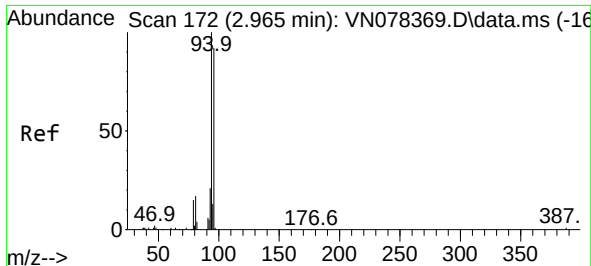
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#4
Vinyl Chloride
Concen: 10.327 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

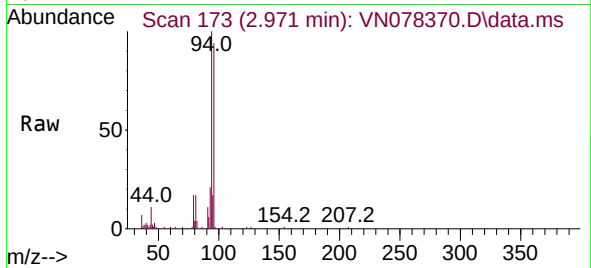
Tgt Ion: 62 Resp: 74635
Ion Ratio Lower Upper
62 100
64 32.7 23.3 34.9





#5
Bromomethane
Concen: 10.297 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

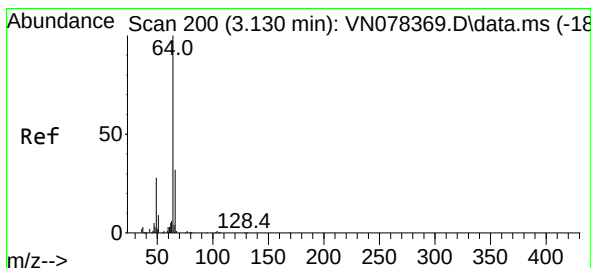
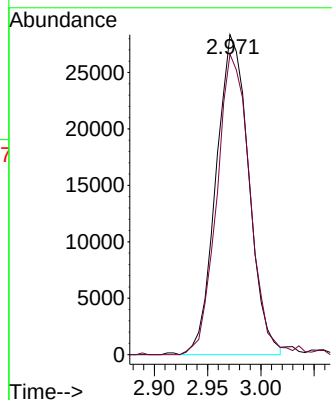
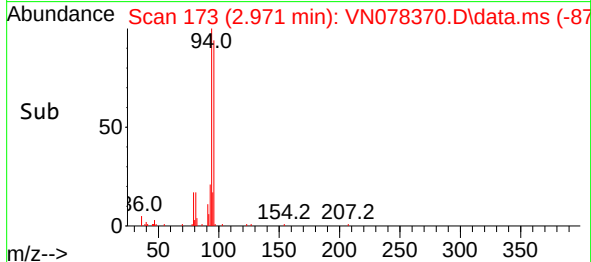
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 94 Resp: 60498
Ion Ratio Lower Upper
94 100
96 93.9 73.9 110.9

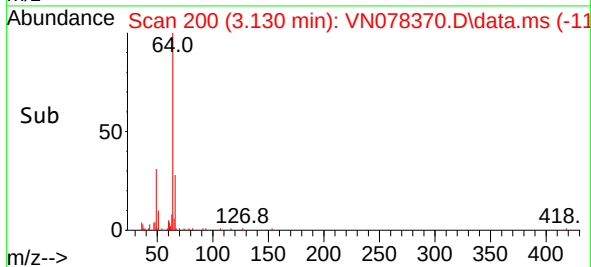
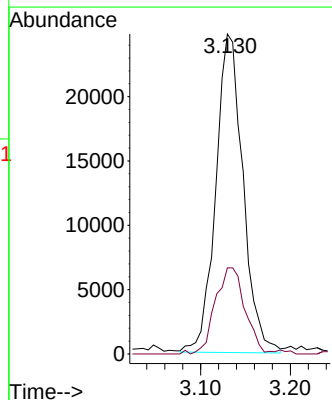
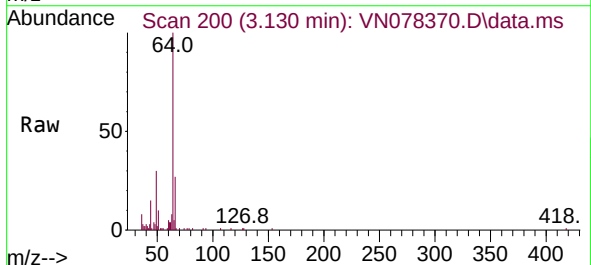
Manual Integrations
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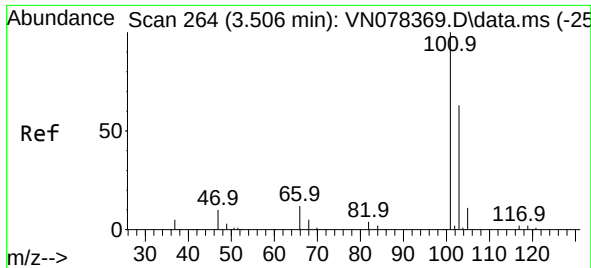
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#6
Chloroethane
Concen: 10.142 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

Tgt Ion: 64 Resp: 52208
Ion Ratio Lower Upper
64 100
66 27.1 25.7 38.5





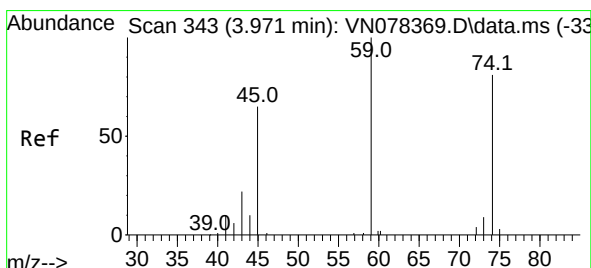
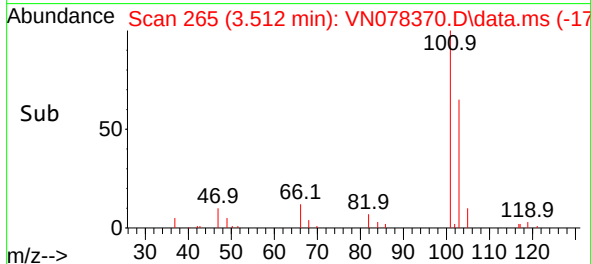
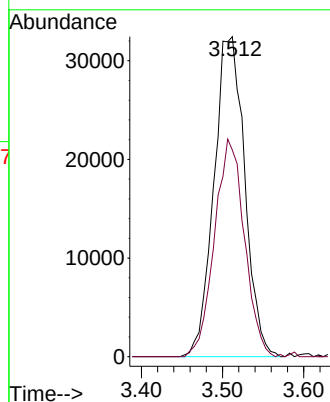
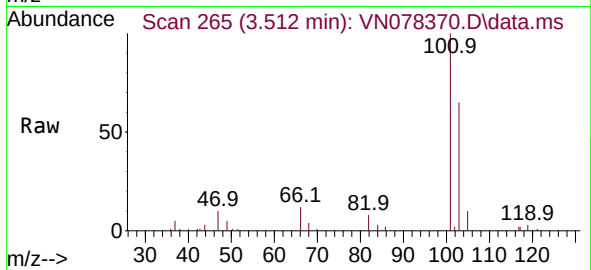
#7
Trichlorofluoromethane
Concen: 10.045 ug/l
RT: 3.512 min Scan# 265
Delta R.T. 0.006 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 8544
Ion Ratio Lower Upper
101 100
103 64.5 50.4 75.6

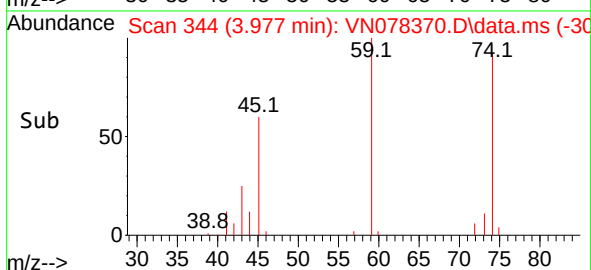
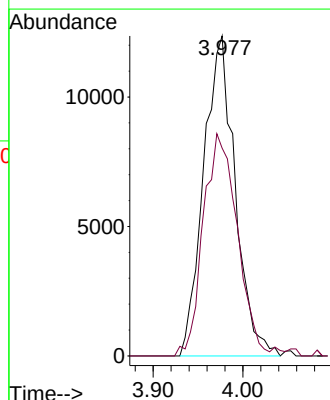
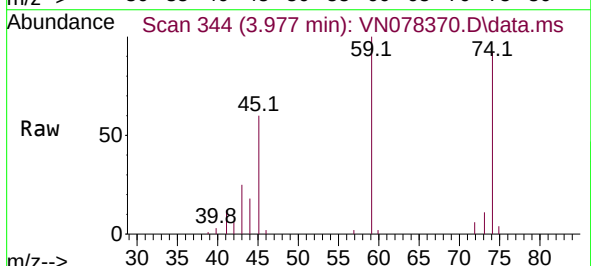
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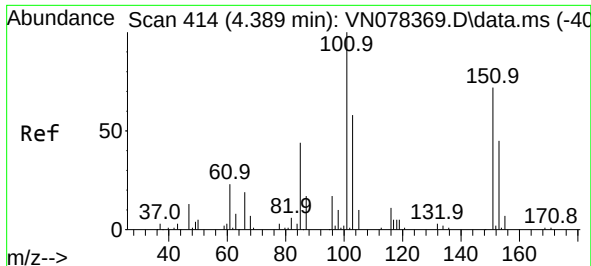
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#8
Diethyl Ether
Concen: 10.611 ug/l
RT: 3.977 min Scan# 344
Delta R.T. 0.006 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

Tgt Ion: 74 Resp: 30130
Ion Ratio Lower Upper
74 100
45 74.8 16.3 146.5





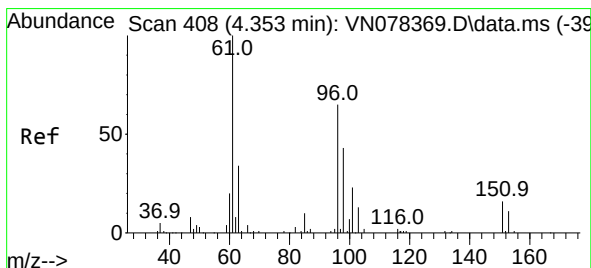
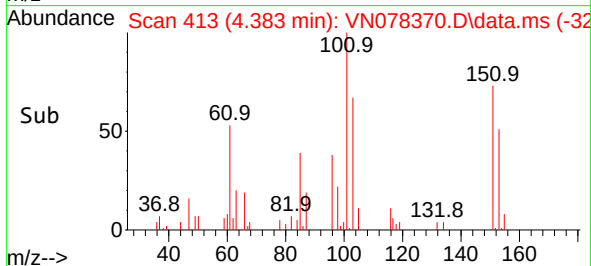
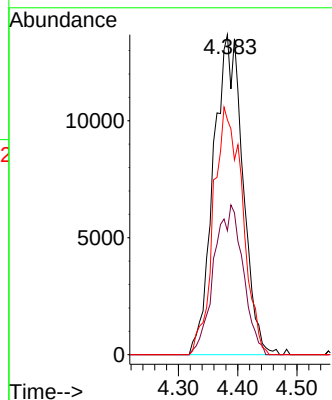
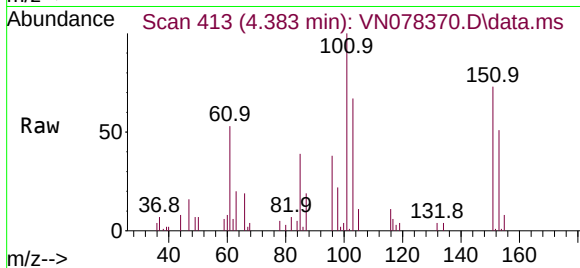
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.175 ug/l m
RT: 4.383 min Scan# 414
Delta R.T. -0.006 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 4704
Ion Ratio Lower Upper
101 100
85 23.9 0.0 89.2
151 76.5 0.0 148.8

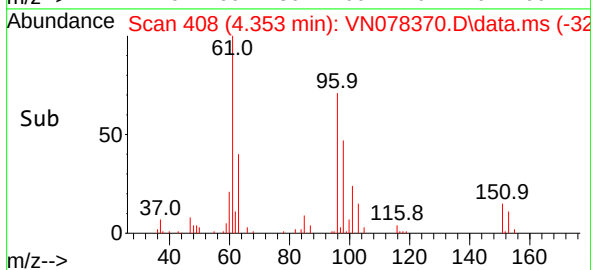
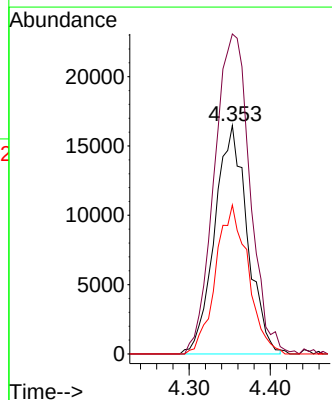
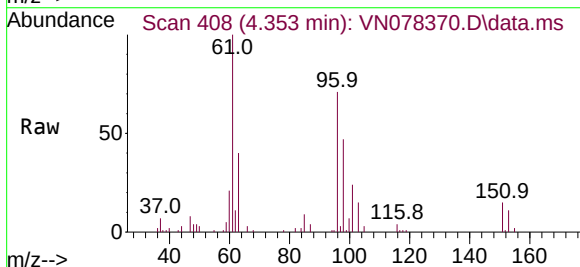
Manual Integrations
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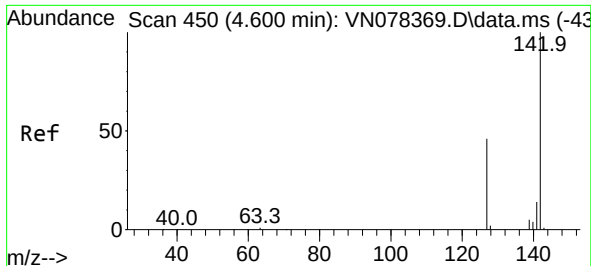
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#10
1,1-Dichloroethene
Concen: 10.154 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

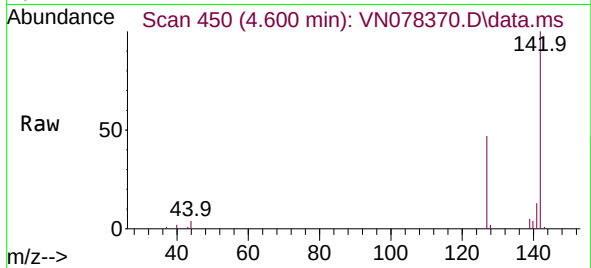
Tgt Ion: 96 Resp: 46036
Ion Ratio Lower Upper
96 100
61 140.0 123.4 185.2
98 65.2 53.7 80.5





#11
Methyl Iodide
Concen: 9.639 ug/l
RT: 4.600 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

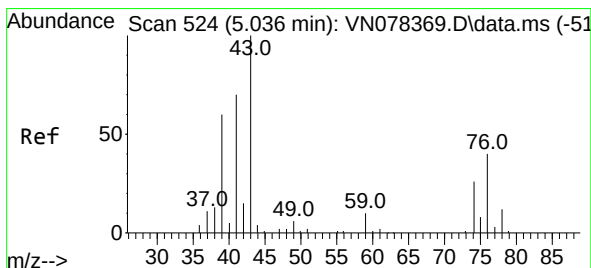
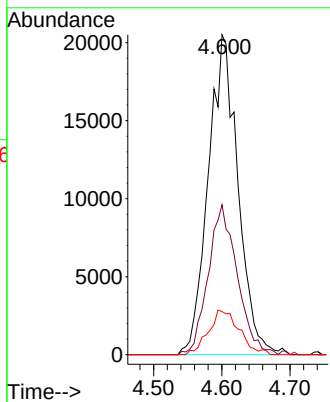
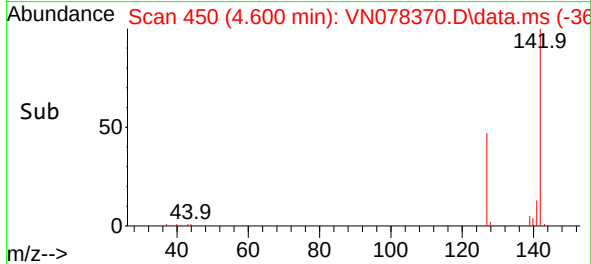
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion:142 Resp: 61915
Ion Ratio Lower Upper
142 100
127 47.1 23.2 69.5
141 12.9 7.2 21.7

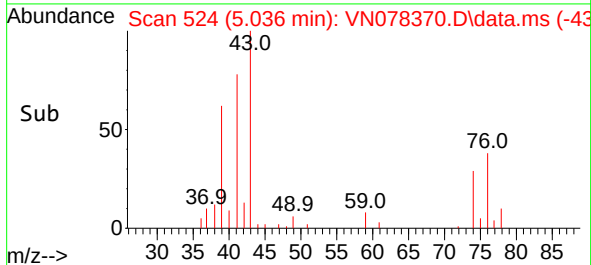
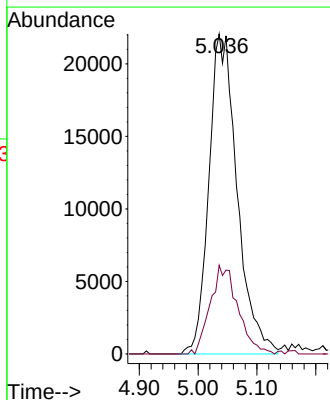
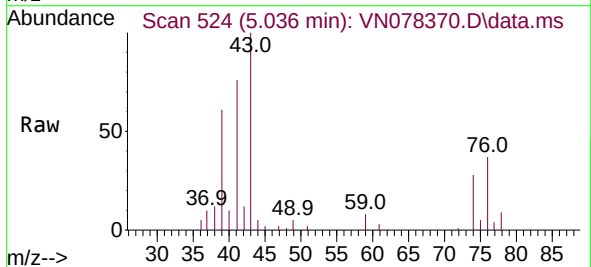
Manual Integrations
APPROVED

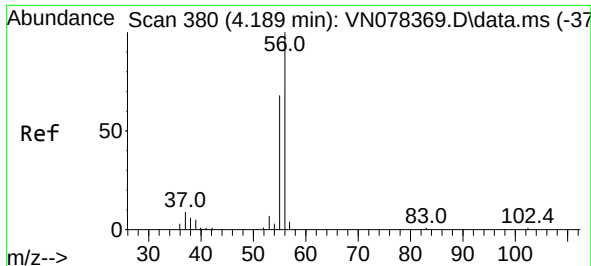
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#12
Methyl Acetate
Concen: 10.465 ug/l m
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

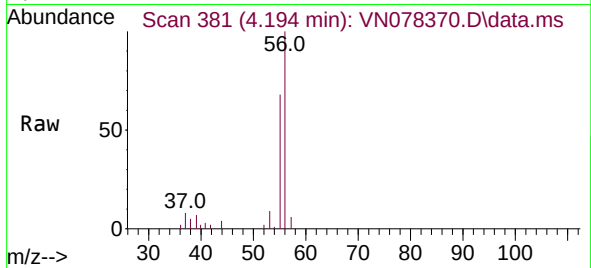
Tgt Ion: 43 Resp: 73588
Ion Ratio Lower Upper
43 100
74 27.7 20.5 30.7





#13
Acrolein
Concen: 50.449 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

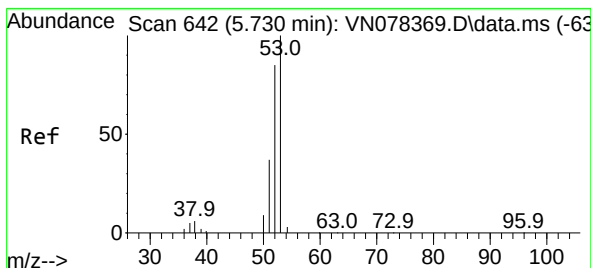
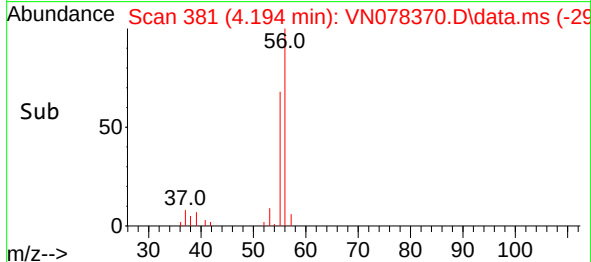
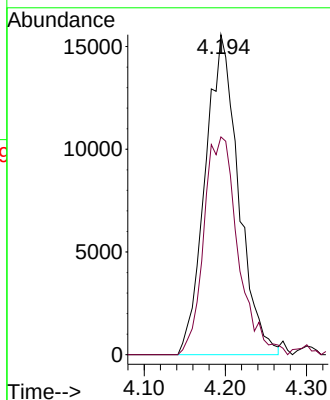
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 56 Resp: 4443
Ion Ratio Lower Upper
56 100
55 68.7 59.0 88.4

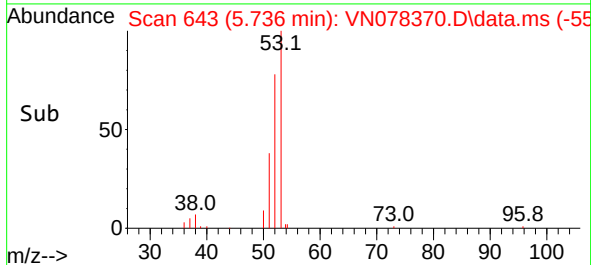
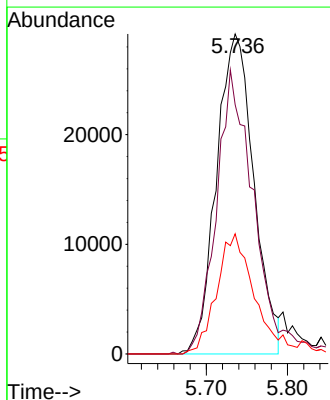
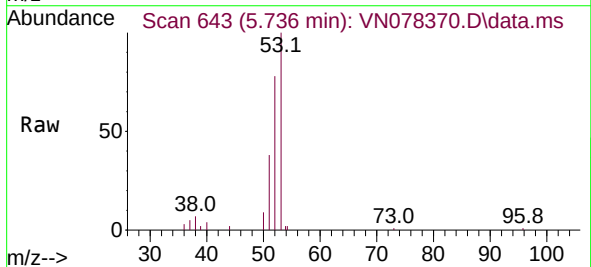
Manual Integrations
APPROVED

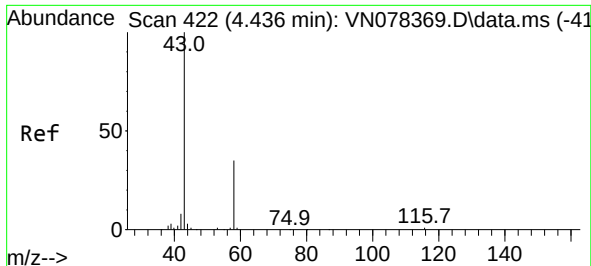
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#14
Acrylonitrile
Concen: 48.367 ug/l
RT: 5.736 min Scan# 643
Delta R.T. 0.006 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

Tgt Ion: 53 Resp: 93378
Ion Ratio Lower Upper
53 100
52 84.5 42.3 126.9
51 36.4 18.4 55.4





#15

Acetone

Concen: 50.434 ug/l m

RT: 4.441 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN078370.D

Acq: 23 Jun 2023 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 58 Resp: 2726

Ion Ratio Lower Upper

58 100

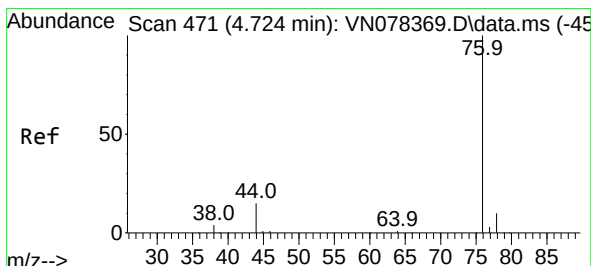
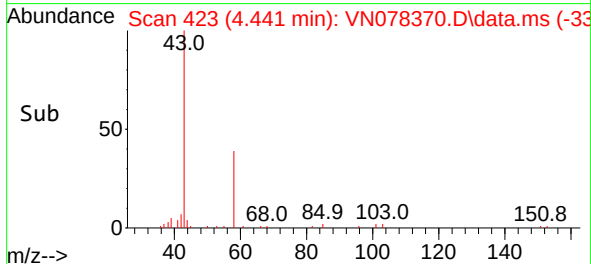
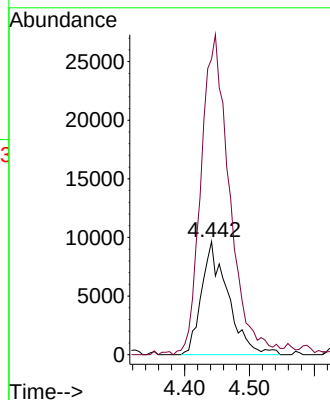
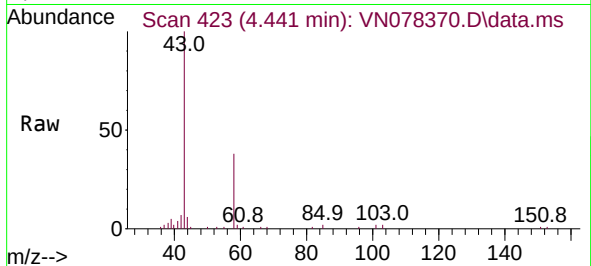
43 261.2 227.5 341.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#16

Carbon Disulfide

Concen: 9.894 ug/l

RT: 4.724 min Scan# 471

Delta R.T. 0.000 min

Lab File: VN078370.D

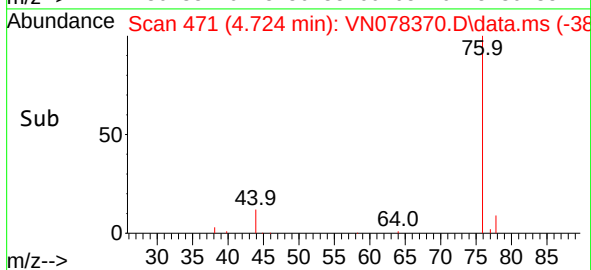
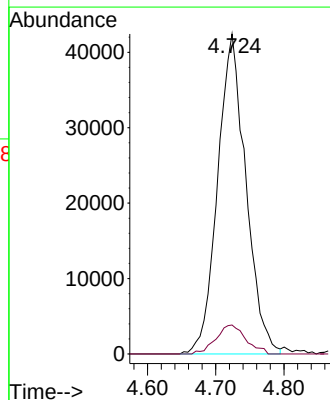
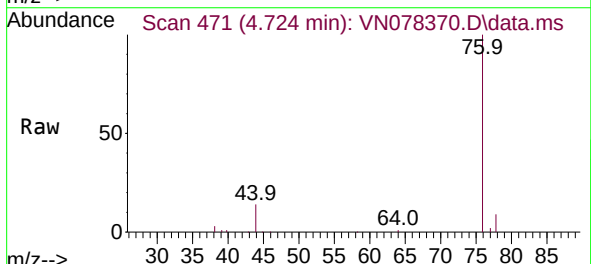
Acq: 23 Jun 2023 11:34

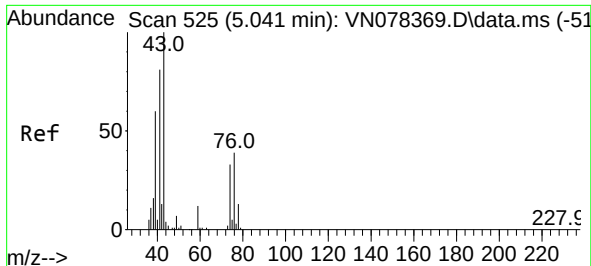
Tgt Ion: 76 Resp: 122578

Ion Ratio Lower Upper

76 100

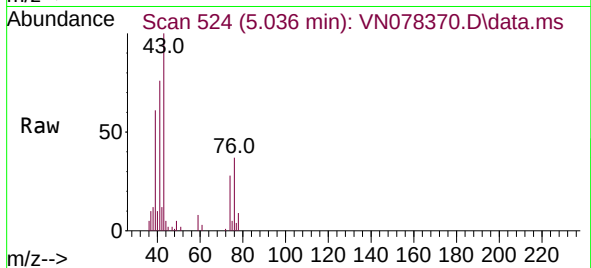
78 9.1 7.7 11.5





#17
 Allyl chloride
 Concen: 9.929 ug/l m
 RT: 5.036 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN078370.D
 Acq: 23 Jun 2023 11:34

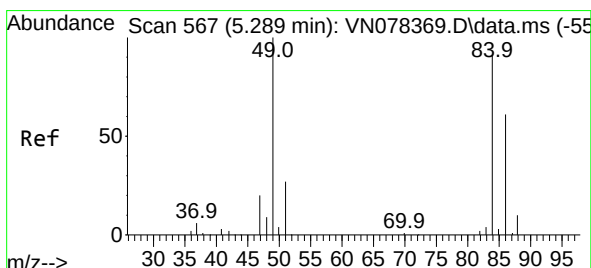
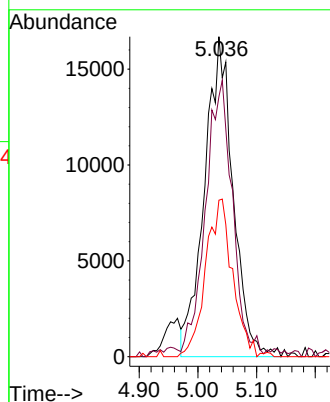
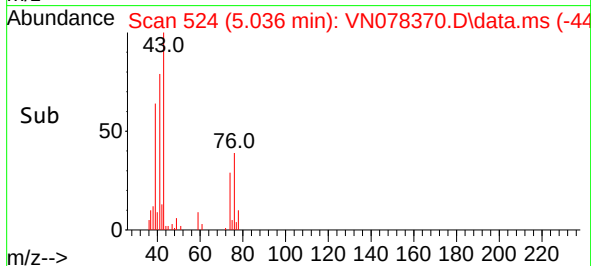
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion: 41 Resp: 5657
 Ion Ratio Lower Upper
 41 100
 39 81.2 37.6 112.8
 76 48.9 23.8 71.4

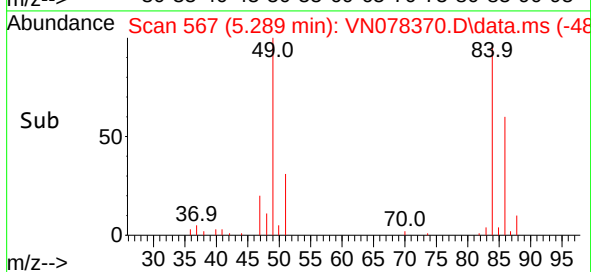
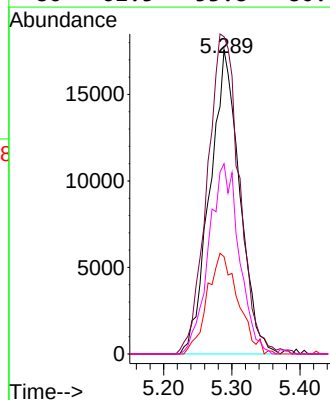
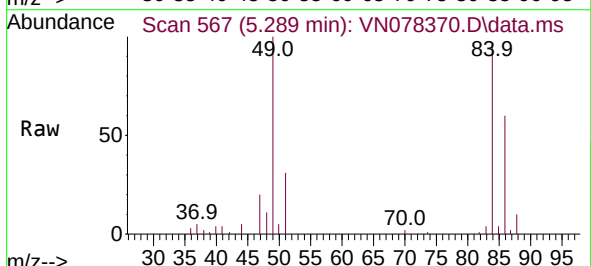
Manual Integrations
 APPROVED

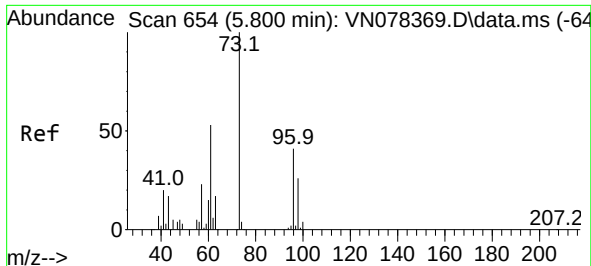
Reviewed By :John Carlone 06/24/2023
 Supervised By :Mahesh Dadoda 06/26/2023



#18
 Methylene Chloride
 Concen: 10.003 ug/l
 RT: 5.289 min Scan# 567
 Delta R.T. 0.000 min
 Lab File: VN078370.D
 Acq: 23 Jun 2023 11:34

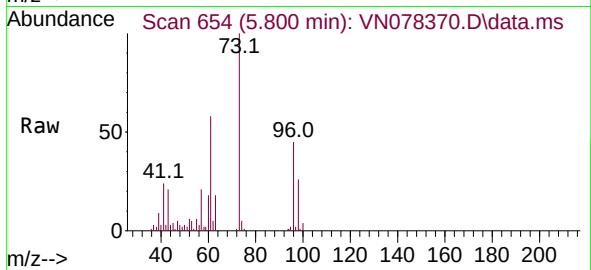
Tgt Ion: 84 Resp: 53739
 Ion Ratio Lower Upper
 84 100
 49 102.8 88.1 132.1
 51 32.0 24.0 36.0
 86 62.5 53.8 80.8





#19
trans-1,2-Dichloroethene
Concen: 10.279 ug/l
RT: 5.800 min Scan# 614
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

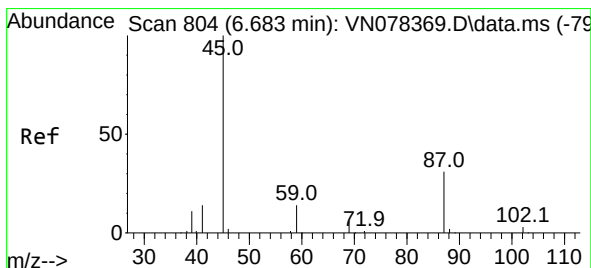
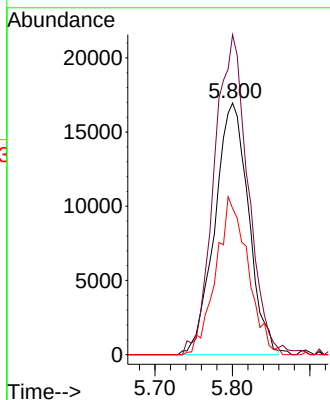
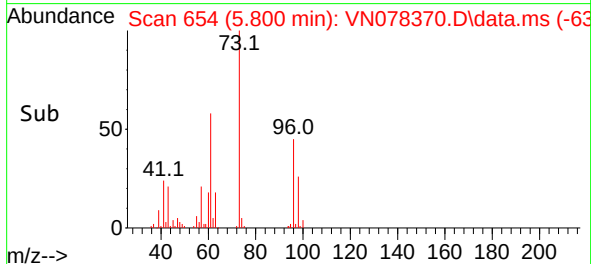
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



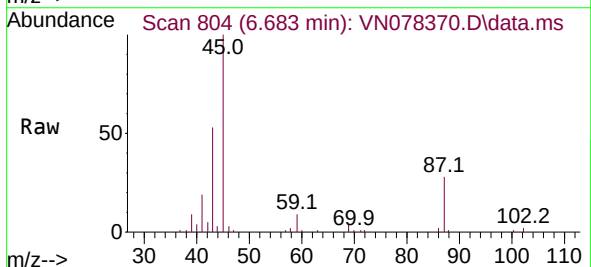
Tgt Ion: 96 Resp: 51430
Ion Ratio Lower Upper
96 100
61 127.1 105.2 157.8
98 58.1 50.5 75.7

Manual Integrations
APPROVED

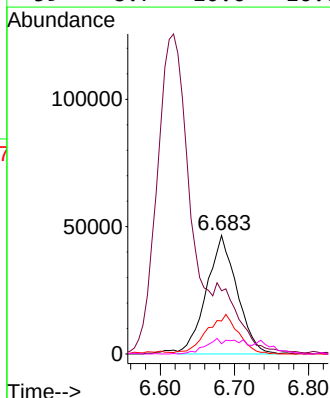
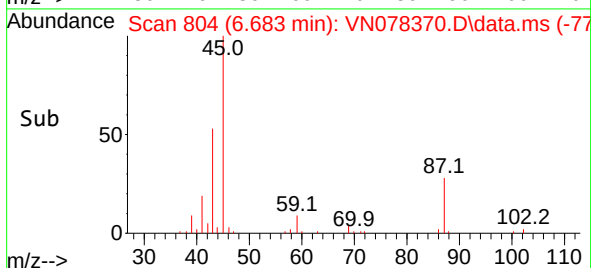
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

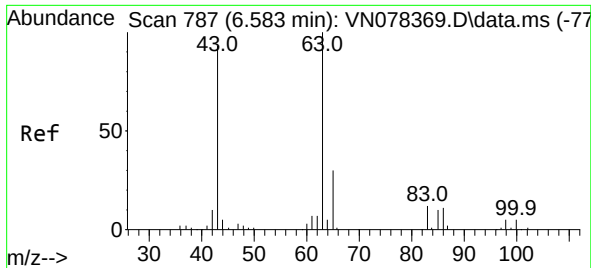


#20
Diisopropyl ether
Concen: 9.733 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34



Tgt Ion: 45 Resp: 132954
Ion Ratio Lower Upper
45 100
43 50.4 43.6 65.4
87 27.9 25.8 38.6
59 8.7 10.6 16.0#





#21

1,1-Dichloroethane

Concen: 9.846 ug/l

RT: 6.583 min Scan# 787

Delta R.T. 0.000 min

Lab File: VN078370.D

Acq: 23 Jun 2023 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 89208

Ion Ratio Lower Upper

63 100

98 6.8 2.7 8.1

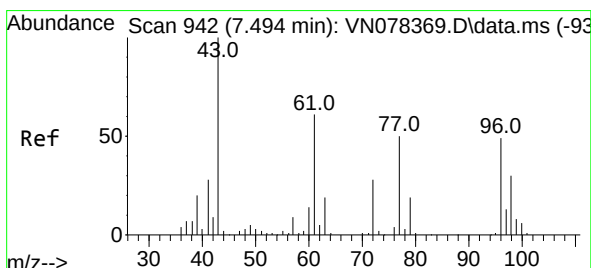
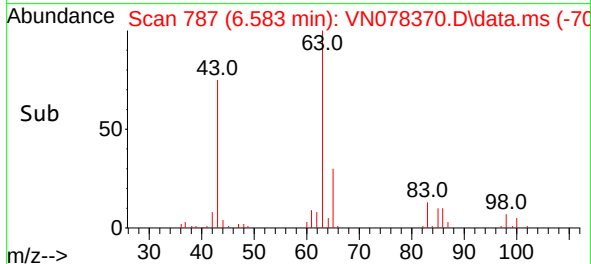
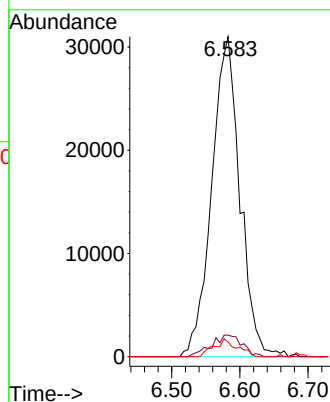
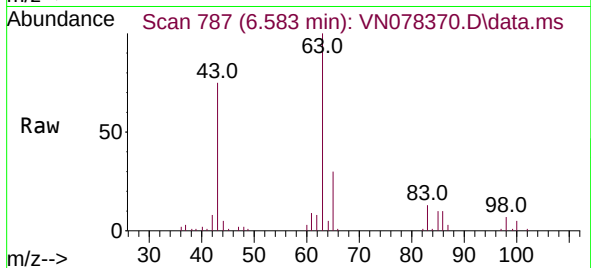
100 4.6 2.5 7.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#22

cis-1,2-Dichloroethene

Concen: 10.146 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN078370.D

Acq: 23 Jun 2023 11:34

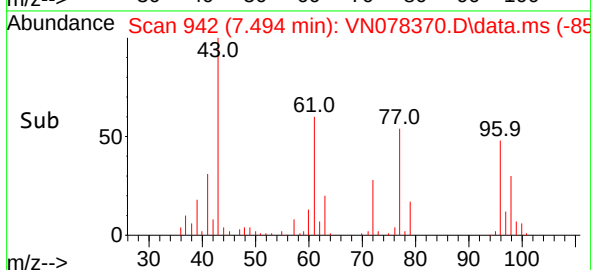
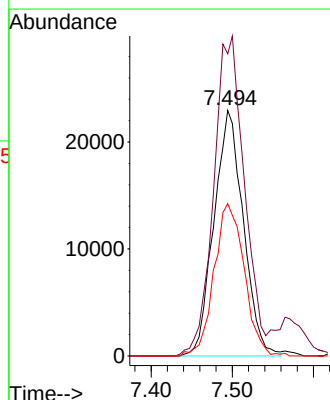
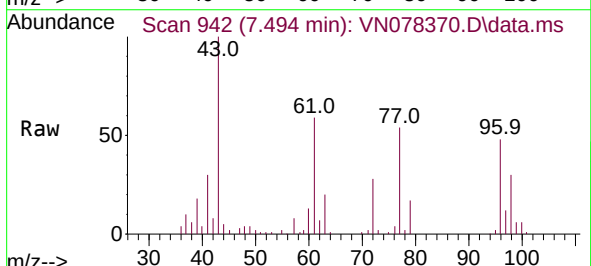
Tgt Ion: 96 Resp: 57755

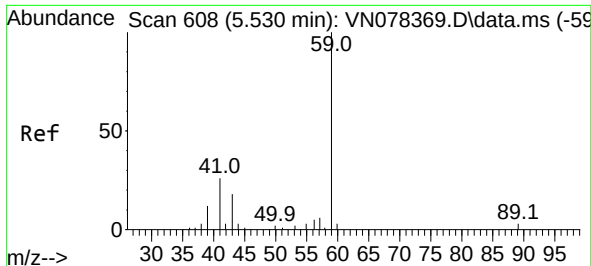
Ion Ratio Lower Upper

96 100

61 135.8 113.8 170.6

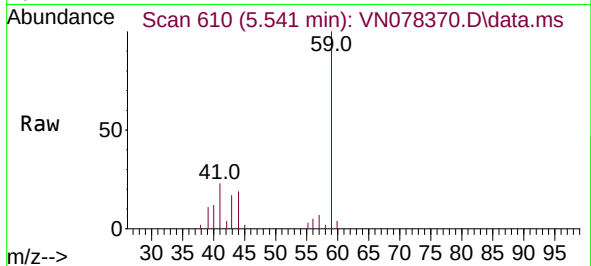
98 63.3 52.2 78.4





#23
tert-Butyl Alcohol
Concen: 50.165 ug/l m
RT: 5.541 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

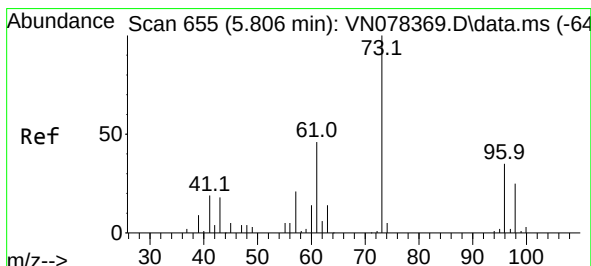
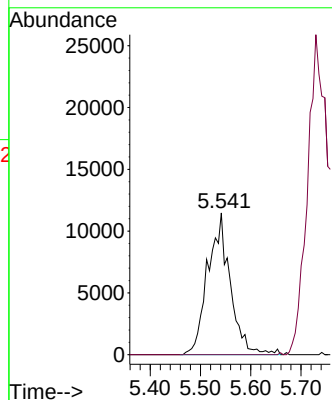
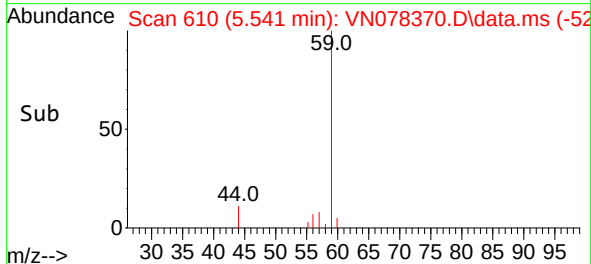
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 59 Resp: 3560
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

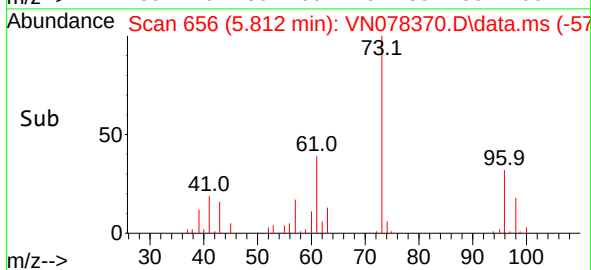
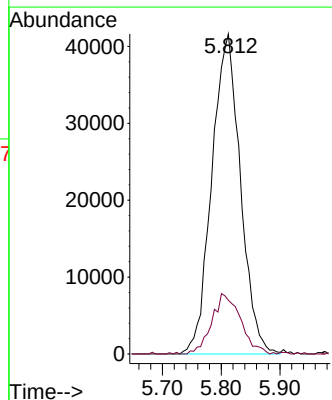
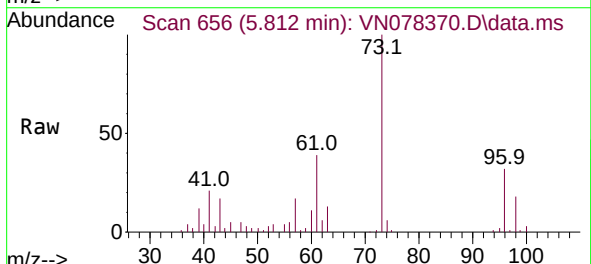
Manual Integrations
APPROVED

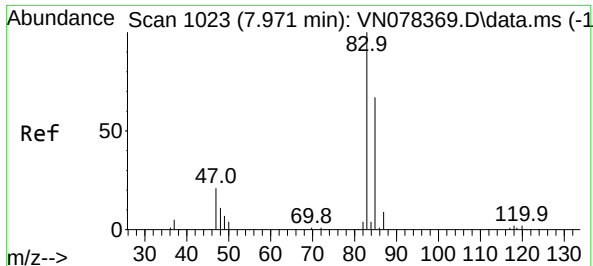
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#24
Methyl tert-Butyl Ether
Concen: 9.841 ug/l
RT: 5.812 min Scan# 656
Delta R.T. 0.006 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

Tgt Ion: 73 Resp: 140684
Ion Ratio Lower Upper
73 100
43 18.2 14.5 21.7





#25

Chloroform

Concen: 10.116 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN078370.D

Acq: 23 Jun 2023 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 83 Resp: 9686

Ion Ratio Lower Upper

83 100

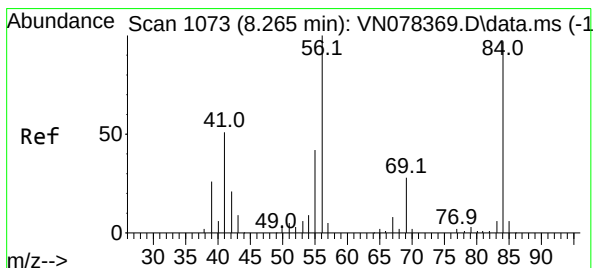
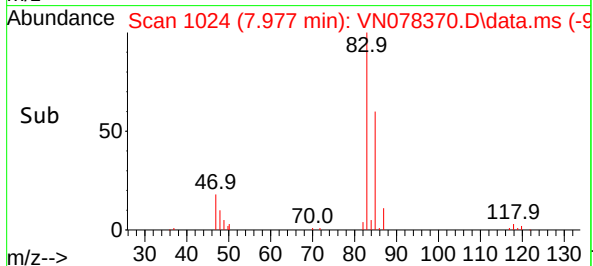
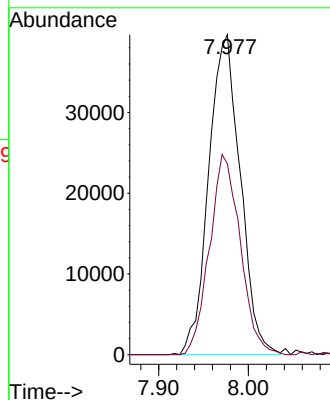
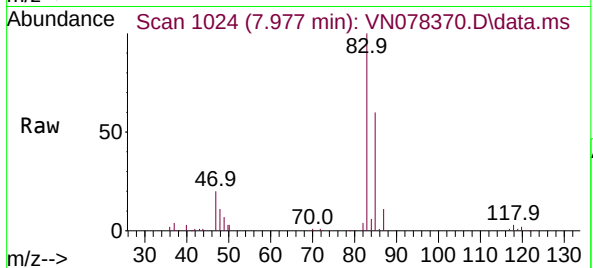
85 59.6 53.4 80.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#26

Cyclohexane

Concen: 9.830 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN078370.D

Acq: 23 Jun 2023 11:34

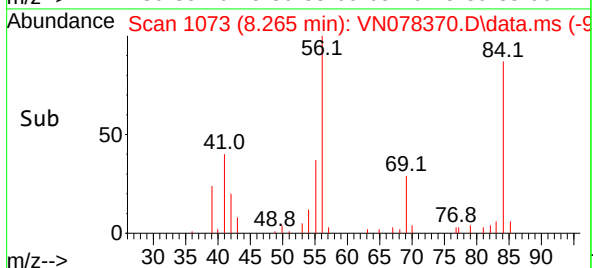
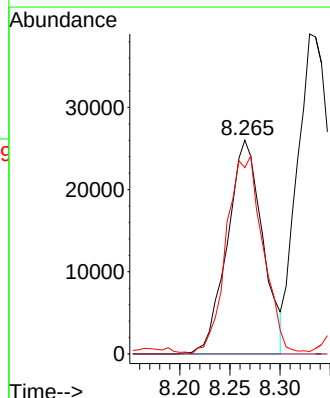
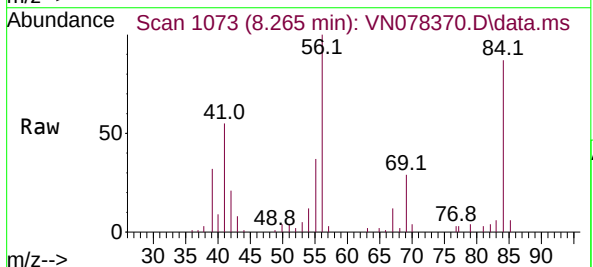
Tgt Ion: 56 Resp: 63744

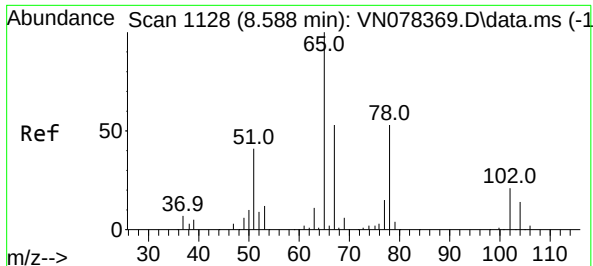
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 96.5 74.2 111.4





#27

1,2-Dichloroethane-d4

Concen: 30.368 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN078370.D

Acq: 23 Jun 2023 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 18394

Ion Ratio Lower Upper

65 100

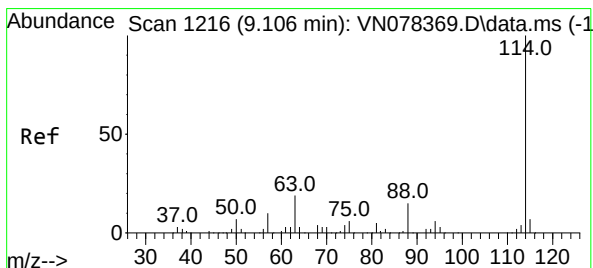
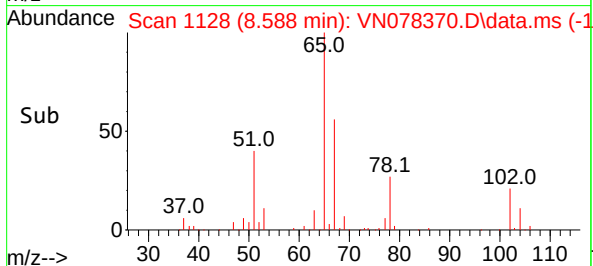
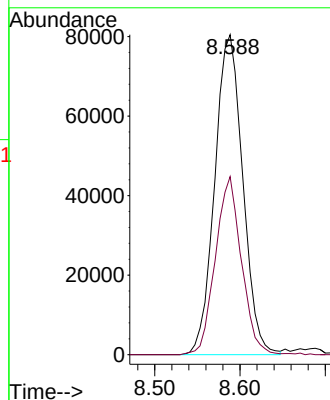
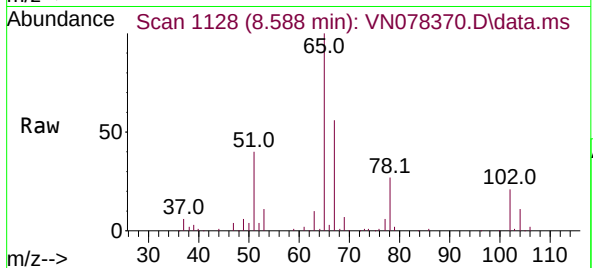
67 51.6 42.9 64.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078370.D

Acq: 23 Jun 2023 11:34

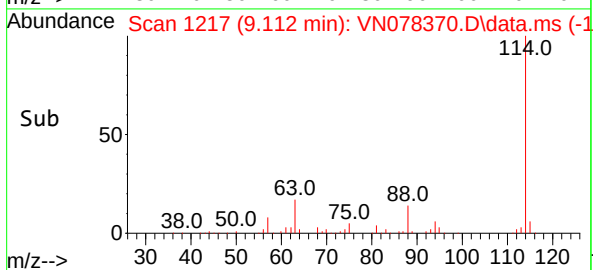
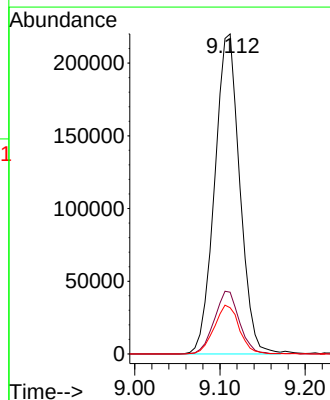
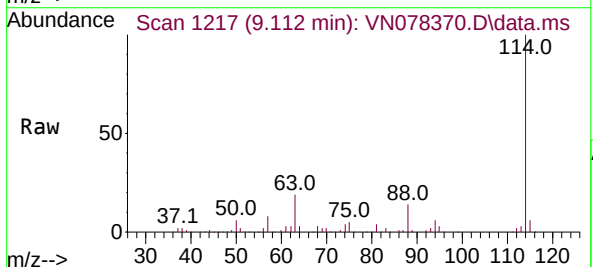
Tgt Ion:114 Resp: 449800

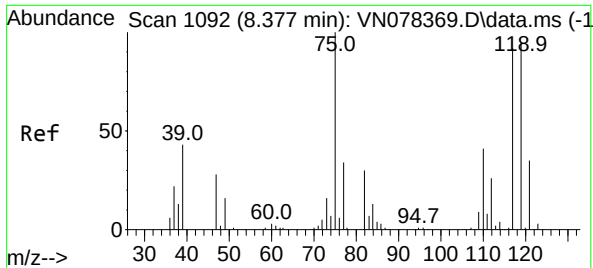
Ion Ratio Lower Upper

114 100

63 19.5 15.2 22.8

88 15.2 12.5 18.7





#29
1,1-Dichloropropene
Concen: 10.119 ug/l
RT: 8.382 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

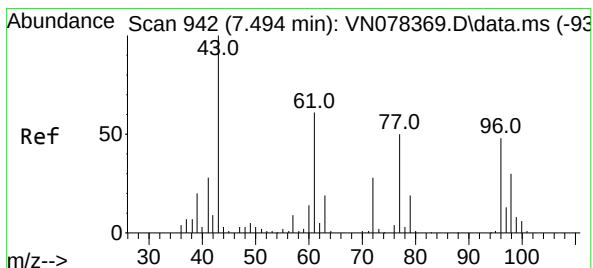
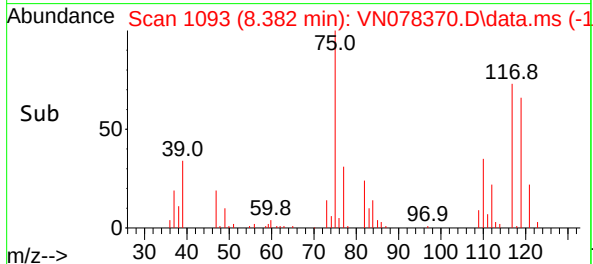
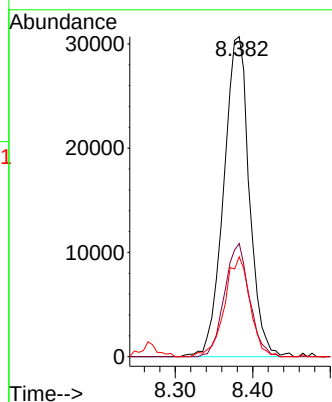
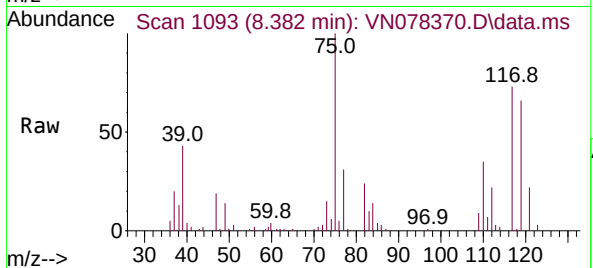
Tgt Ion: 75 Resp: 70558
Ion Ratio Lower Upper
75 100
110 34.3 0.0 72.2
77 31.1 0.0 62.8

Manual Integrations

APPROVED

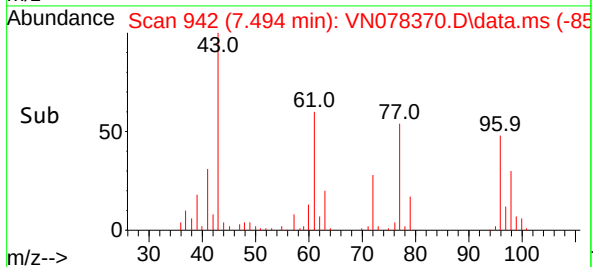
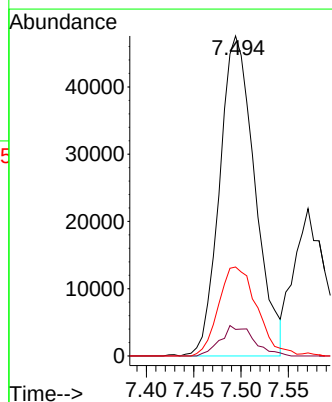
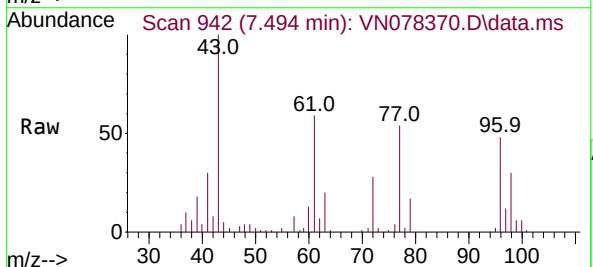
Reviewed By :John Carlone 06/24/2023

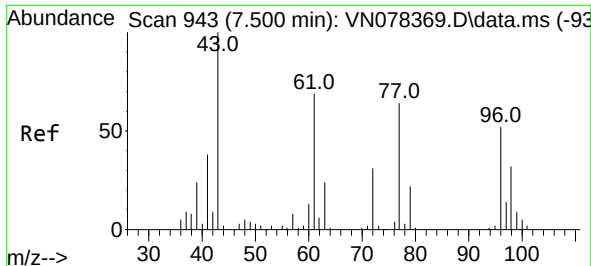
Supervised By :Mahesh Dadoda 06/26/2023



#30
2-Butanone
Concen: 50.349 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

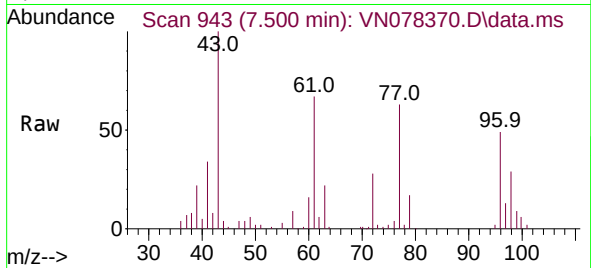
Tgt Ion: 43 Resp: 123053
Ion Ratio Lower Upper
43 100
57 4.6 6.8 10.2#
72 30.3 23.8 35.6





#31
2,2-Dichloropropane
Concen: 10.304 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

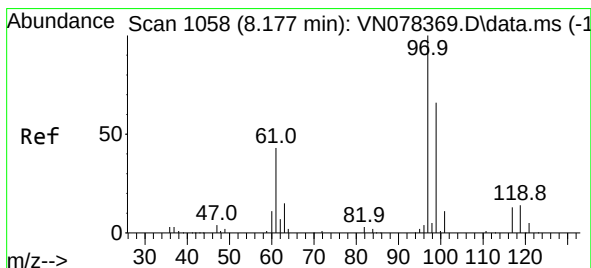
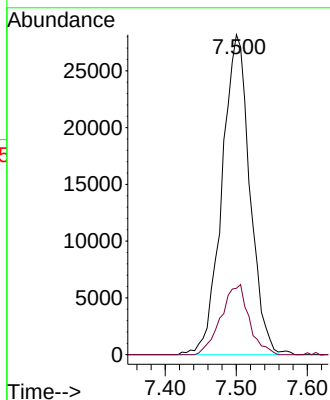
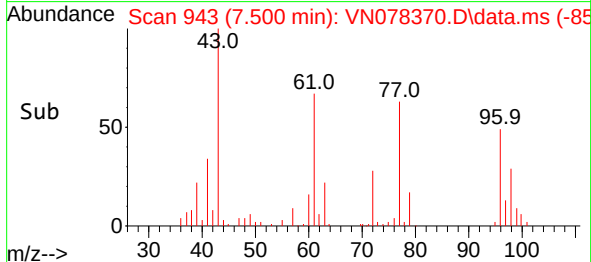
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



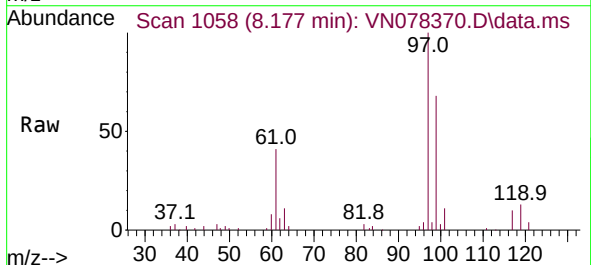
Tgt Ion: 77 Resp: 76819
Ion Ratio Lower Upper
77 100
97 22.0 18.8 28.2

Manual Integrations
APPROVED

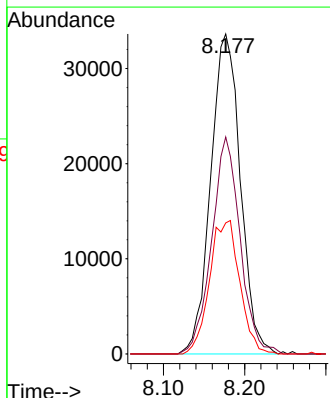
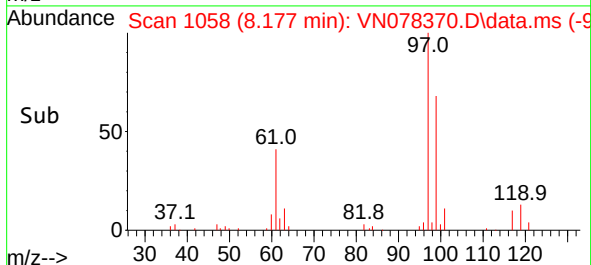
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

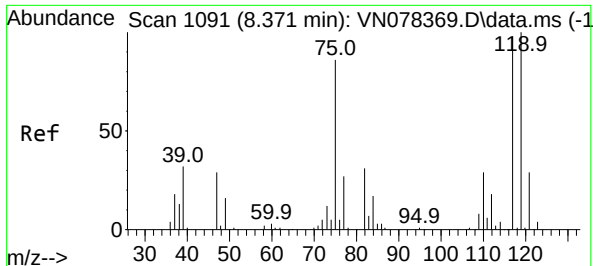


#32
1,1,1-Trichloroethane
Concen: 10.052 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34



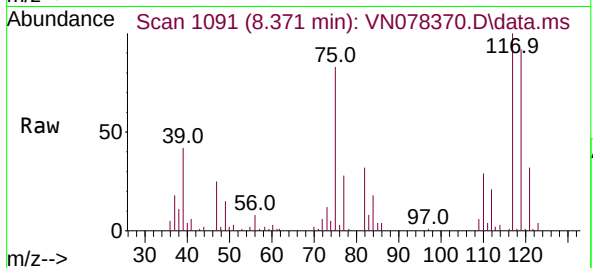
Tgt Ion: 97 Resp: 85400
Ion Ratio Lower Upper
97 100
99 64.6 51.3 76.9
61 19.4 34.6 52.0#





#33
Carbon Tetrachloride
Concen: 9.947 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

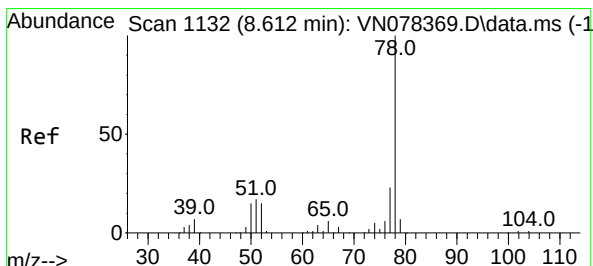
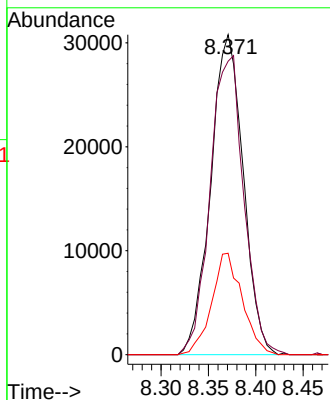
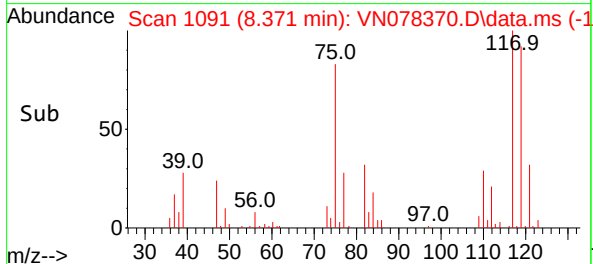
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



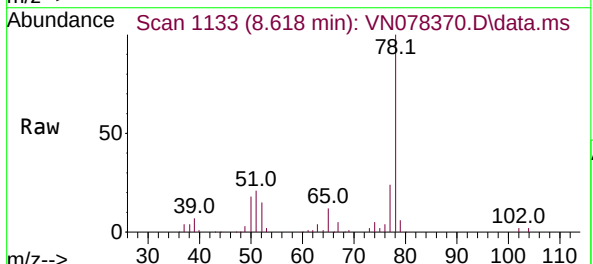
Tgt Ion: 117 Resp: 73684
Ion Ratio Lower Upper
117 100
119 91.7 81.4 122.0
121 32.3 23.6 35.4

Manual Integrations
APPROVED

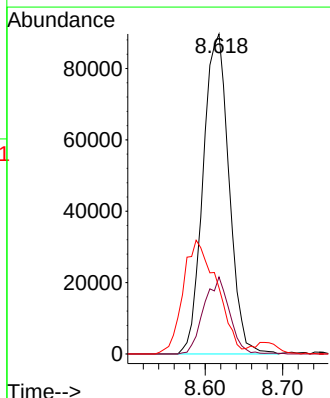
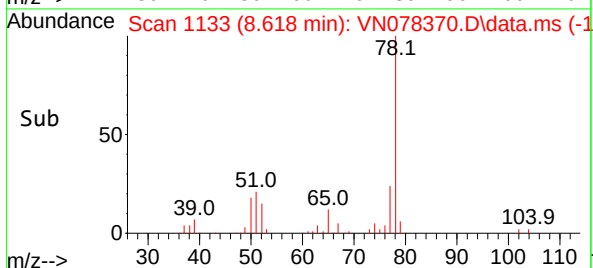
Reviewed By : John Carlone 06/24/2023
Supervised By : Mahesh Dadoda 06/26/2023

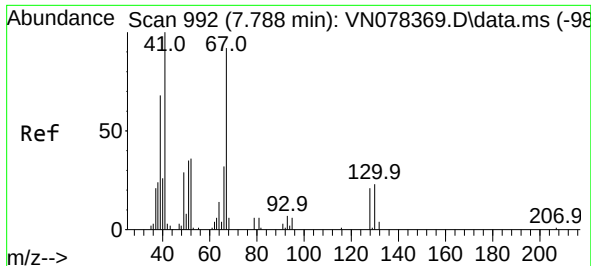


#34
Benzene
Concen: 10.034 ug/l
RT: 8.618 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34



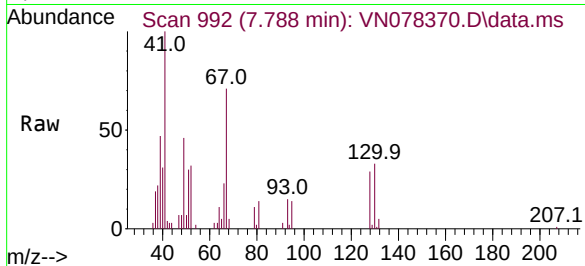
Tgt Ion: 78 Resp: 208641
Ion Ratio Lower Upper
78 100
77 24.1 18.3 27.5
51 18.7 13.7 20.5





#35
Methacrylonitrile
Concen: 9.487 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

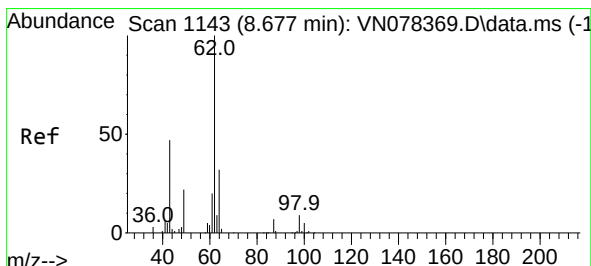
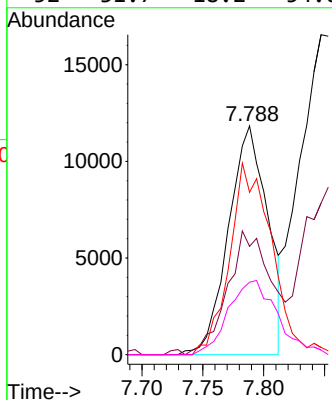
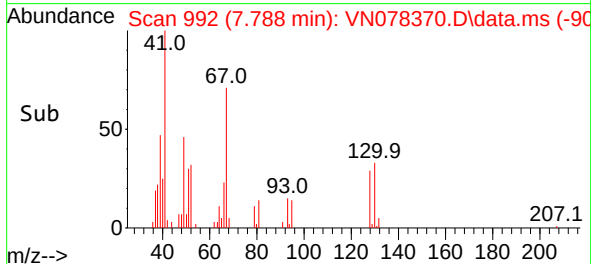
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 41 Resp: 26609
Ion Ratio Lower Upper
41 100
39 45.1 33.9 101.6
67 71.0 45.9 137.6
52 31.7 18.2 54.6

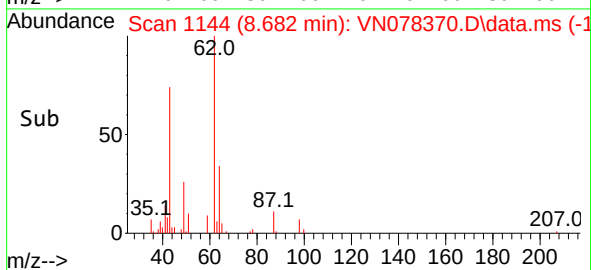
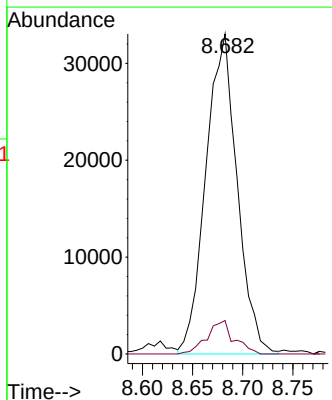
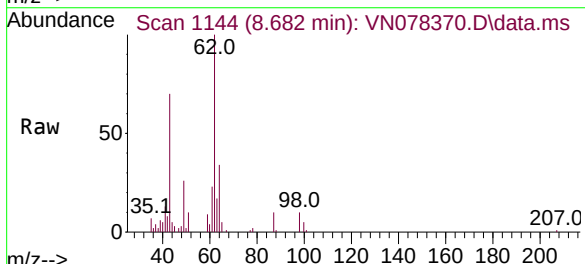
Manual Integrations
APPROVED

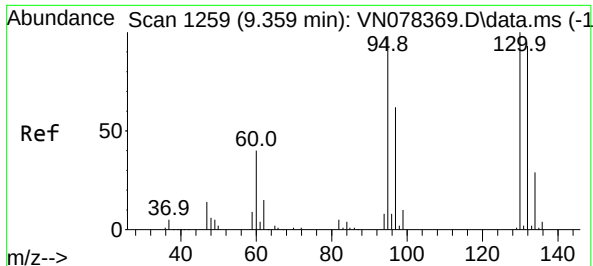
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#36
1,2-Dichloroethane
Concen: 10.136 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

Tgt Ion: 62 Resp: 71853
Ion Ratio Lower Upper
62 100
98 7.2 7.4 11.0#





#37

Trichloroethene

Concen: 9.718 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VN078370.D

Acq: 23 Jun 2023 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion:130 Resp: 5162

Ion Ratio Lower Upper

130 100

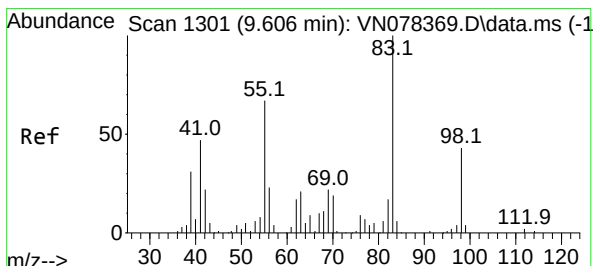
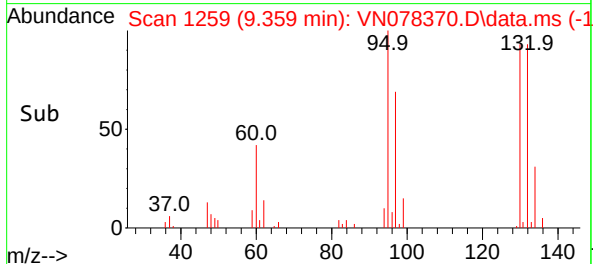
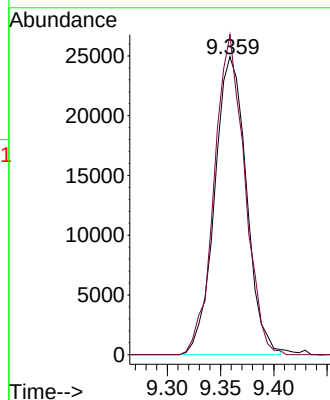
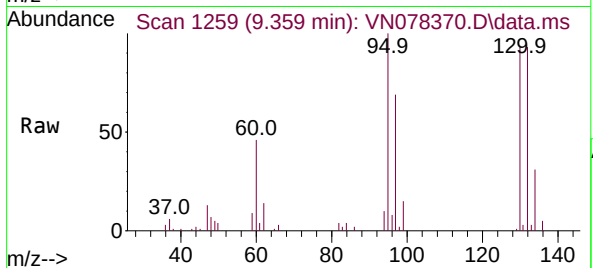
95 107.4 78.2 117.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#38

Methylcyclohexane

Concen: 9.722 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN078370.D

Acq: 23 Jun 2023 11:34

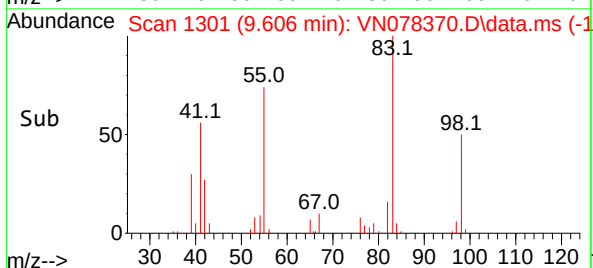
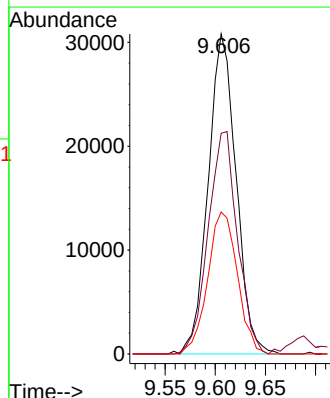
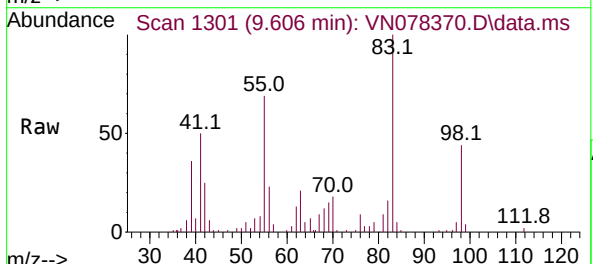
Tgt Ion: 83 Resp: 59560

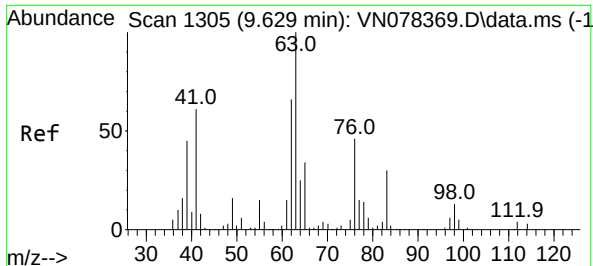
Ion Ratio Lower Upper

83 100

55 73.1 34.0 102.0

98 47.2 23.0 69.0





#39

1,2-Dichloropropane

Concen: 10.020 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VN078370.D

Acq: 23 Jun 2023 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 52190

Ion Ratio Lower Upper

63 100

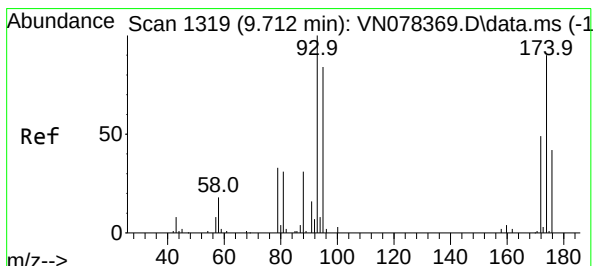
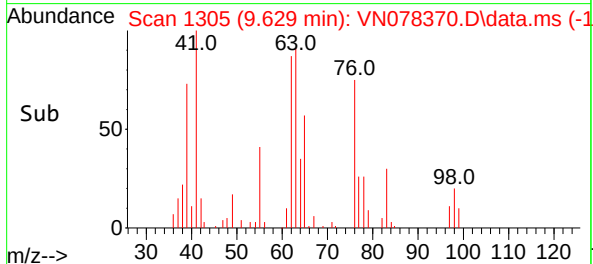
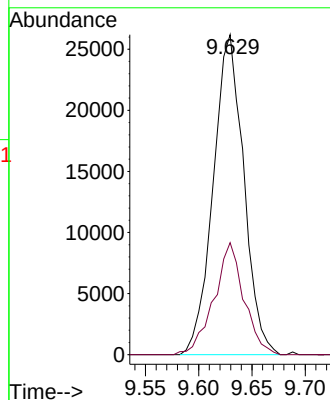
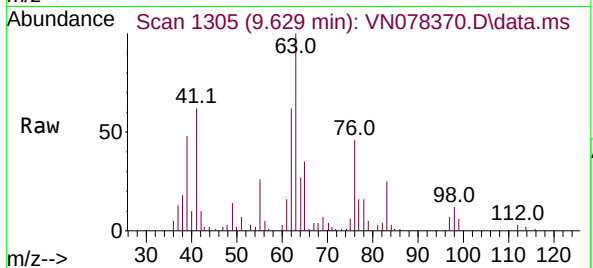
65 35.0 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#40

Dibromomethane

Concen: 10.354 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN078370.D

Acq: 23 Jun 2023 11:34

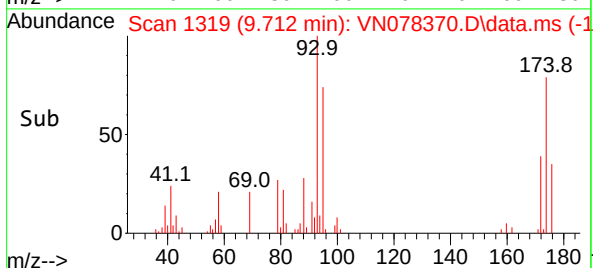
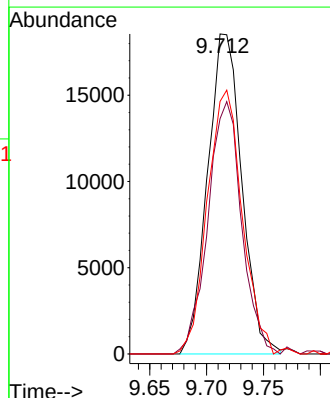
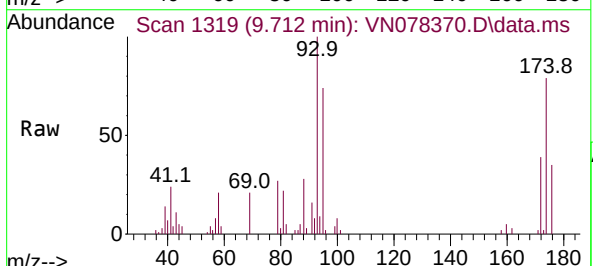
Tgt Ion: 93 Resp: 38917

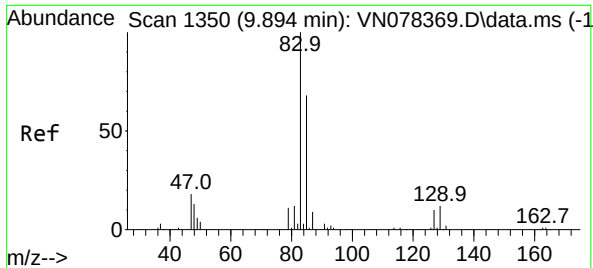
Ion Ratio Lower Upper

93 100

95 77.5 0.0 167.8

174 83.8 0.0 180.8





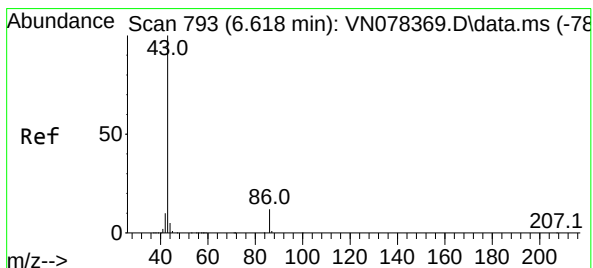
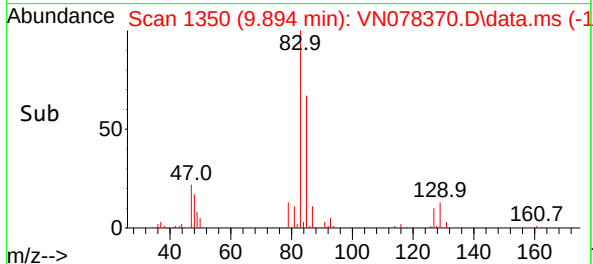
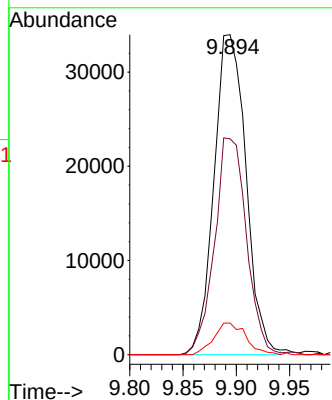
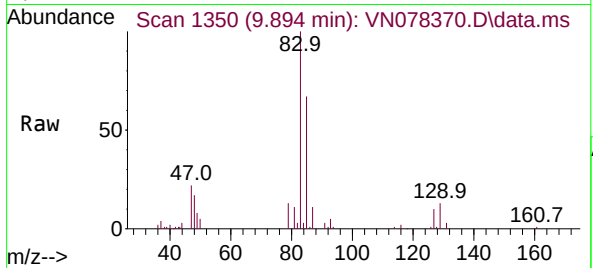
#41
Bromodichloromethane
Concen: 9.716 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 70944
Ion Ratio Lower Upper
83 100
85 67.5 54.1 81.1
127 11.1 7.8 11.6

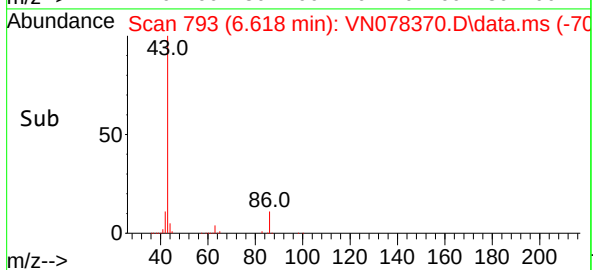
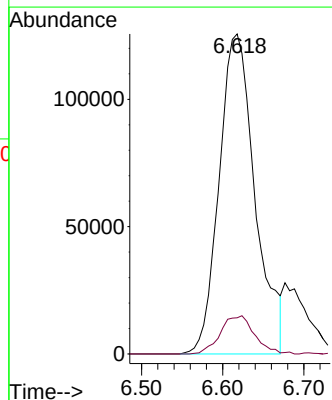
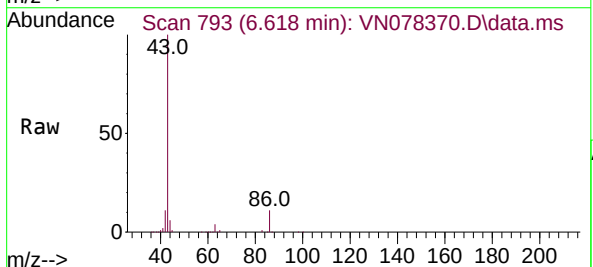
Manual Integrations
APPROVED

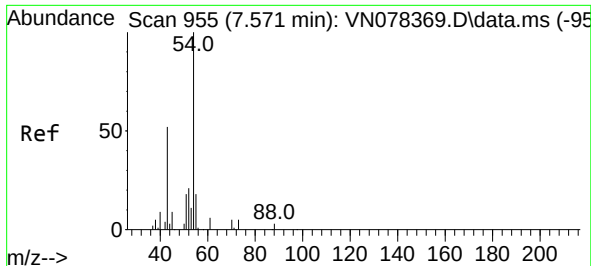
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#42
Vinyl Acetate
Concen: 49.654 ug/l
RT: 6.618 min Scan# 793
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

Tgt Ion: 43 Resp: 386587
Ion Ratio Lower Upper
43 100
86 0.1 9.4 14.0#





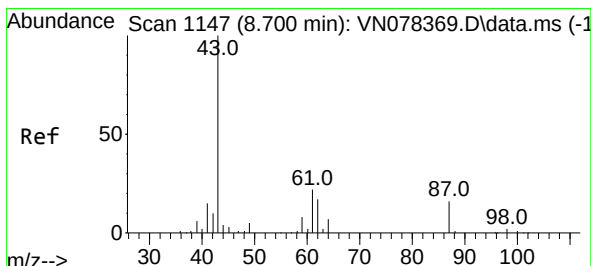
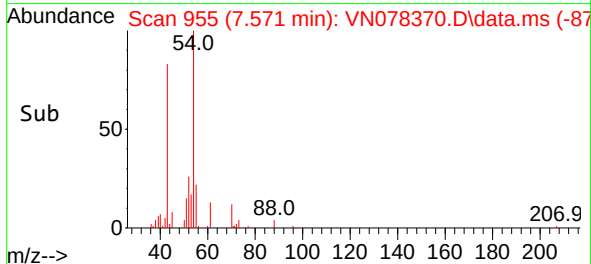
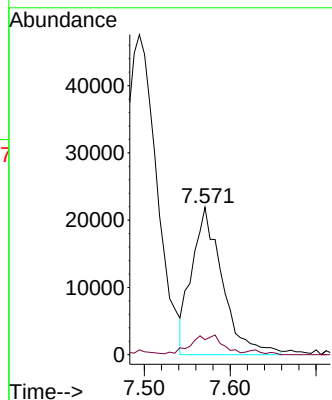
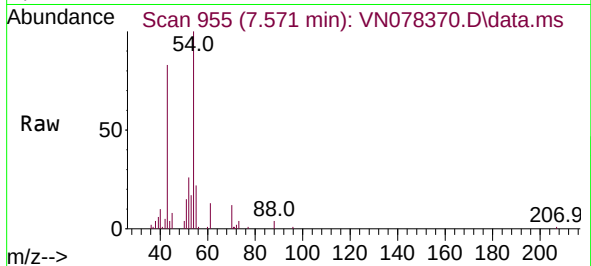
#43
Ethyl Acetate
Concen: 10.836 ug/l m
RT: 7.571 min Scan# 955
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 54319
Ion Ratio Lower Upper
43 100
45 0.1 10.9 16.3

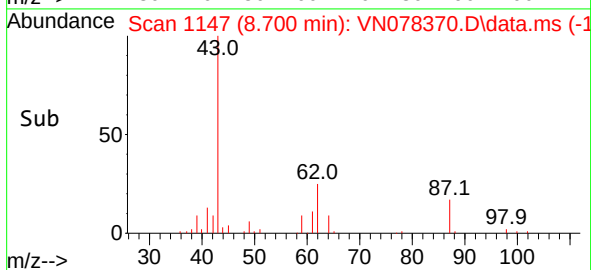
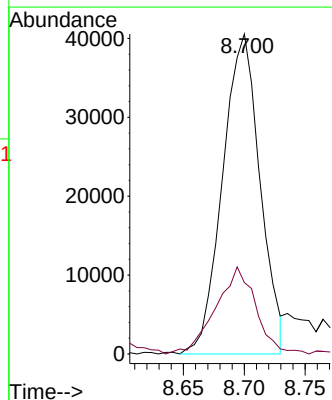
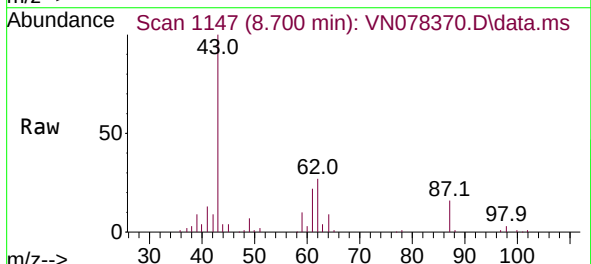
Manual Integrations
APPROVED

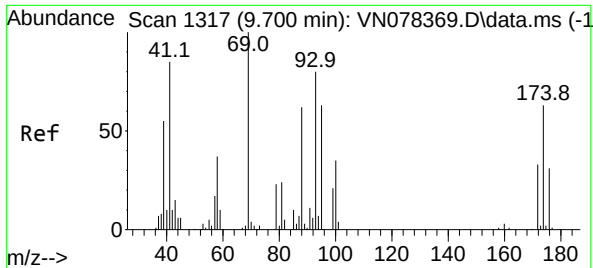
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#44
Isopropyl Acetate
Concen: 9.339 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

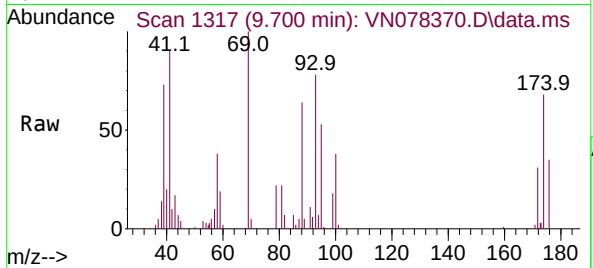
Tgt Ion: 43 Resp: 86801
Ion Ratio Lower Upper
43 100
61 28.2 23.0 34.6





#45
1,4-Dioxane
Concen: 196.983 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

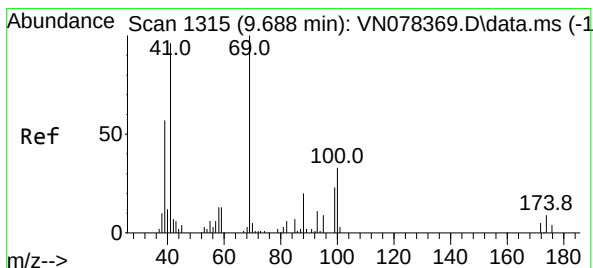
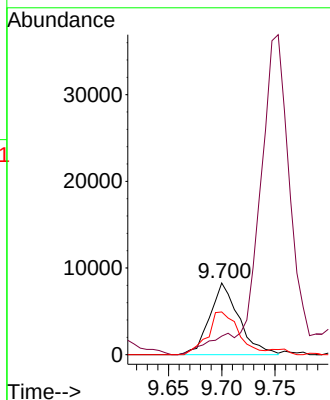
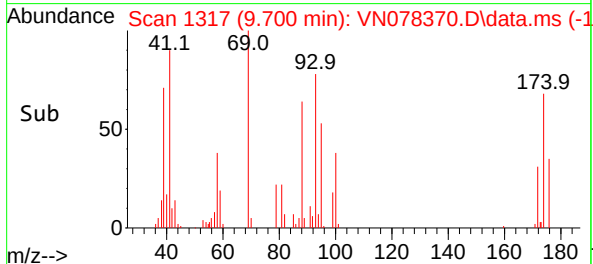
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



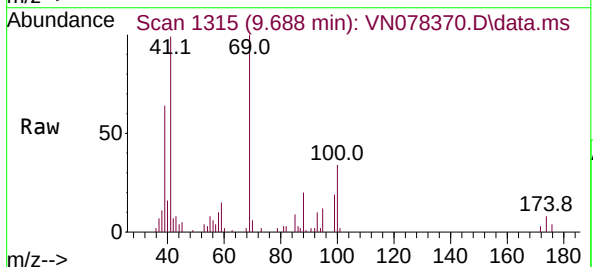
Tgt Ion: 88 Resp: 1577
Ion Ratio Lower Upper
88 100
43 28.0 19.0 28.6
58 63.3 48.2 72.2

Manual Integrations
APPROVED

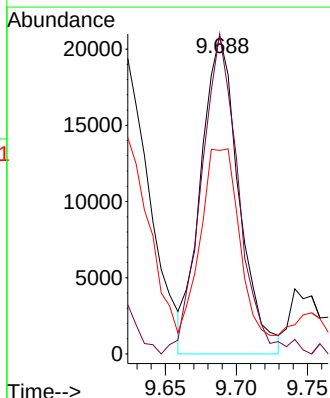
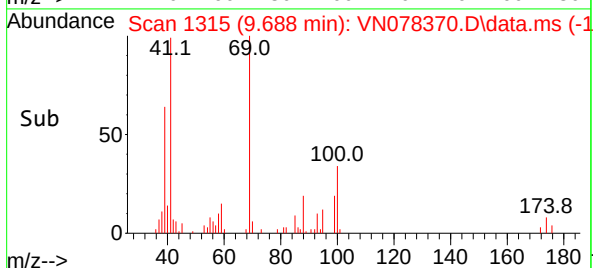
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

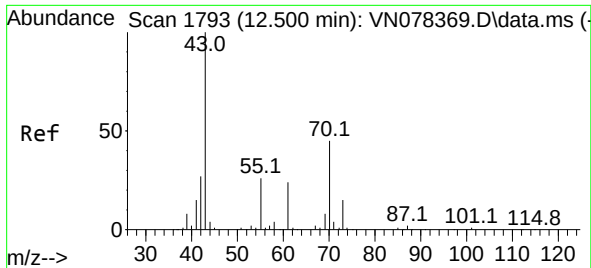


#46
Methyl methacrylate
Concen: 9.384 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34



Tgt Ion: 41 Resp: 38824
Ion Ratio Lower Upper
41 100
69 102.8 49.0 147.0
39 61.7 31.6 94.8





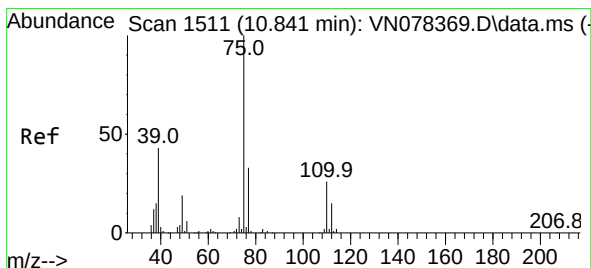
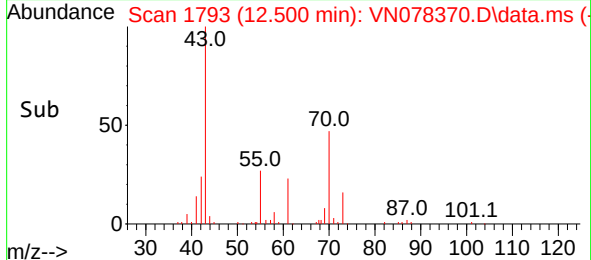
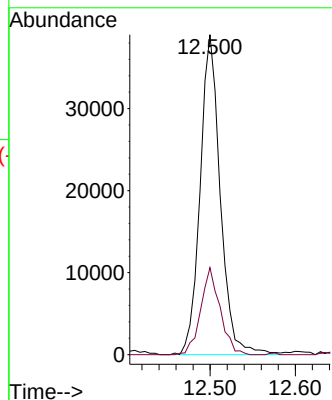
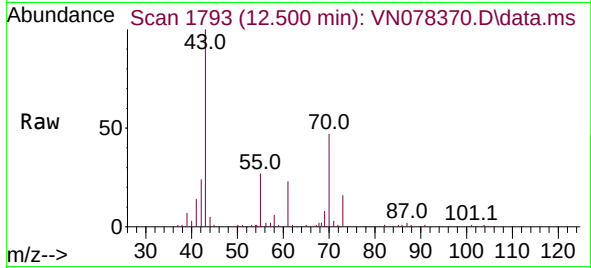
#47
n-amy1 Acetate
Concen: 9.383 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 64108
Ion Ratio Lower Upper
43 100
55 26.2 21.5 32.3

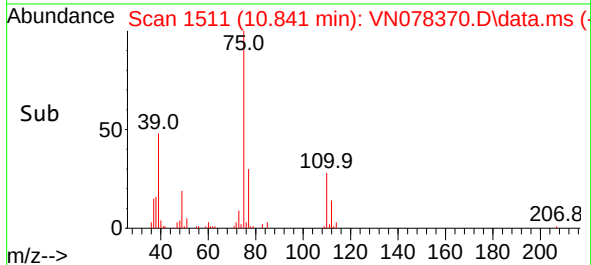
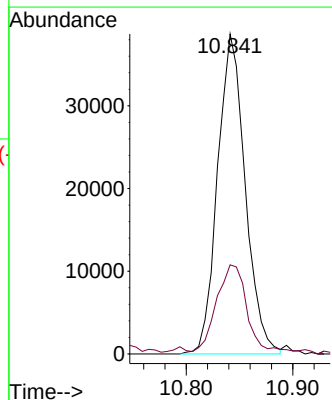
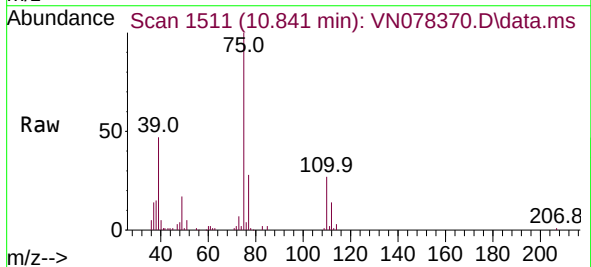
Manual Integrations
APPROVED

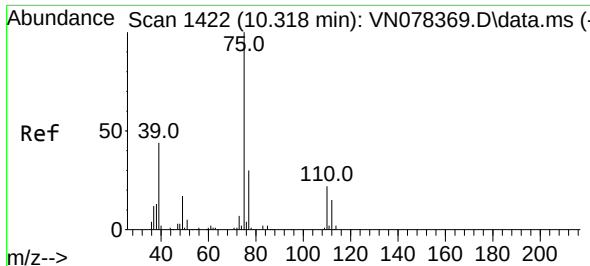
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#48
t-1,3-Dichloropropene
Concen: 9.298 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

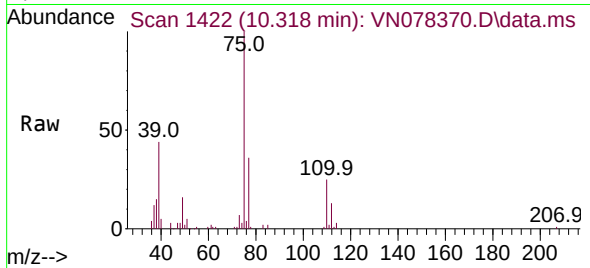
Tgt Ion: 75 Resp: 69689
Ion Ratio Lower Upper
75 100
77 26.5 26.1 39.1





#49
cis-1,3-Dichloropropene
Concen: 9.688 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

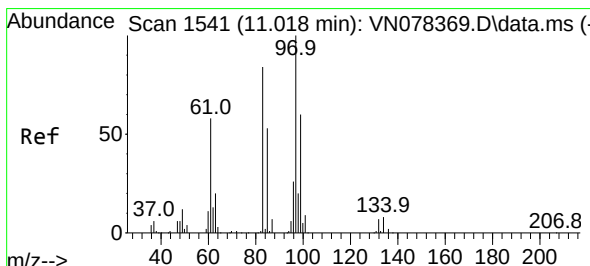
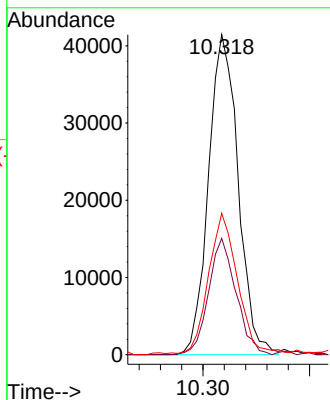
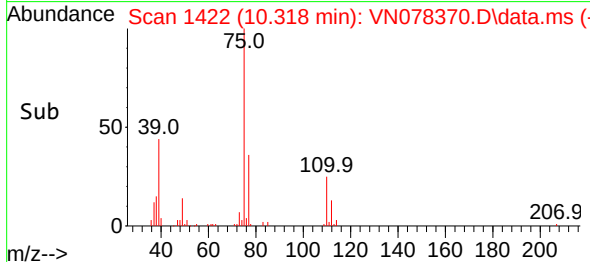
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 80038
Ion Ratio Lower Upper
75 100
77 36.0 24.0 36.0
39 43.7 35.1 52.7

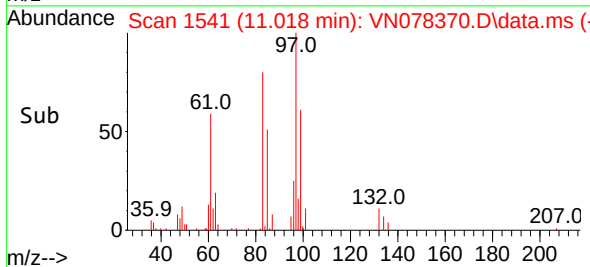
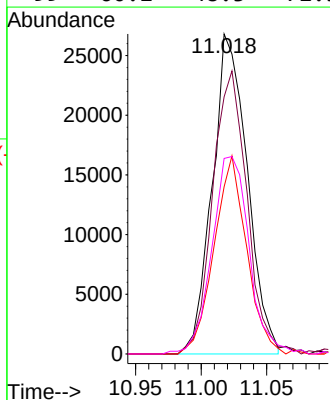
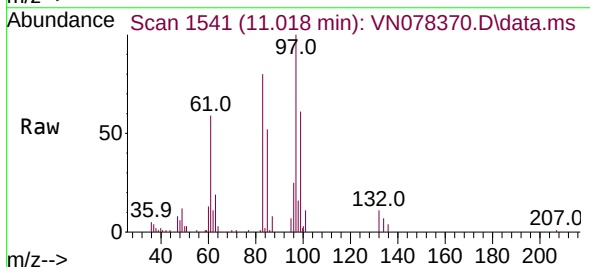
Manual Integrations
APPROVED

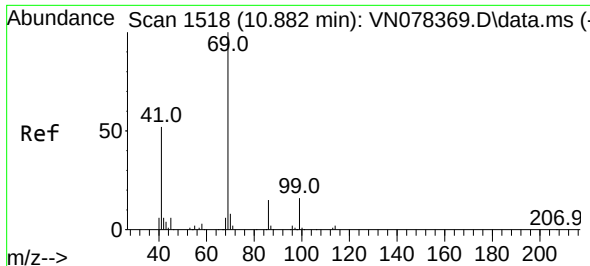
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#50
1,1,2-Trichloroethane
Concen: 9.857 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

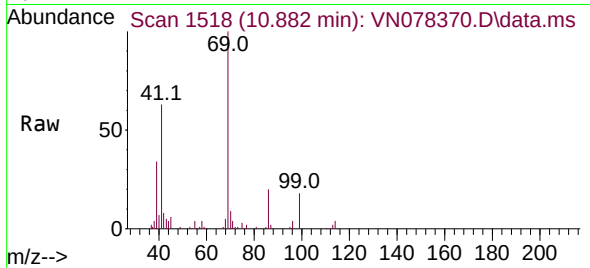
Tgt Ion: 97 Resp: 49666
Ion Ratio Lower Upper
97 100
83 80.3 66.8 100.2
85 52.2 42.5 63.7
99 60.2 48.3 72.5





#51
Ethyl methacrylate
Concen: 9.312 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

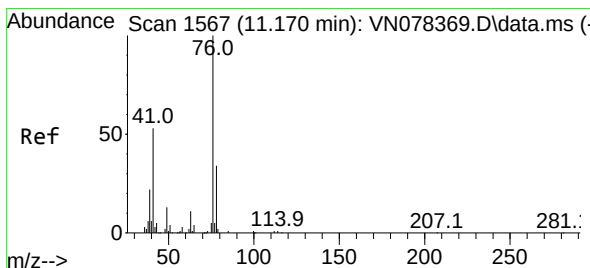
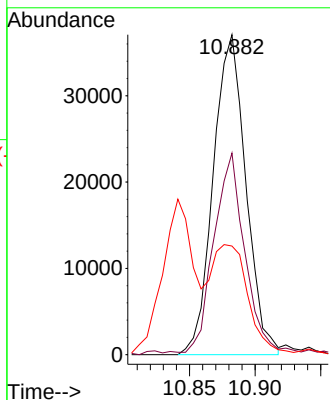
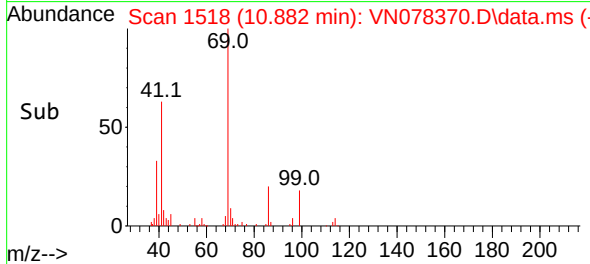
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 69 Resp: 6418
Ion Ratio Lower Upper
69 100
41 61.7 26.0 78.0
39 32.4 16.3 48.9

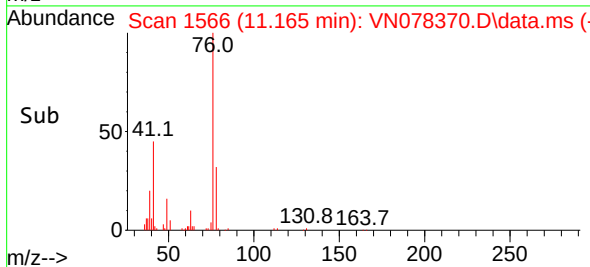
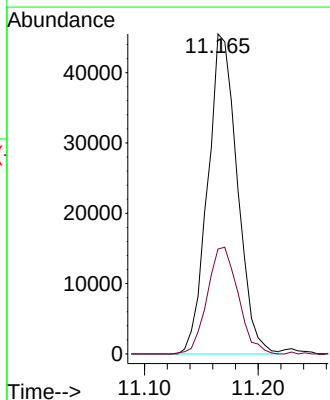
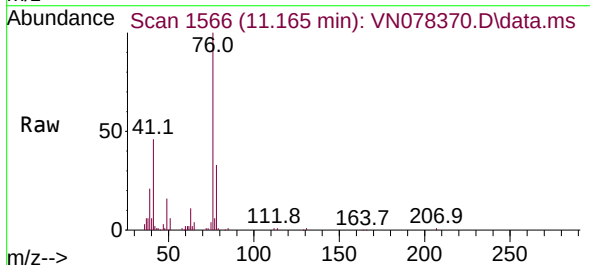
Manual Integrations
APPROVED

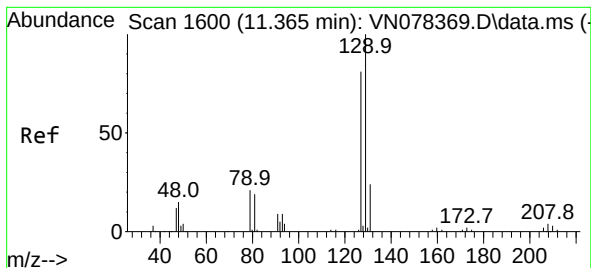
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#52
1,3-Dichloropropane
Concen: 9.744 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

Tgt Ion: 76 Resp: 82402
Ion Ratio Lower Upper
76 100
78 34.8 0.0 66.2





#53

Dibromochloromethane

Concen: 9.754 ug/l

RT: 11.365 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VN078370.D

Acq: 23 Jun 2023 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion:129 Resp: 5212

Ion Ratio Lower Upper

129 100

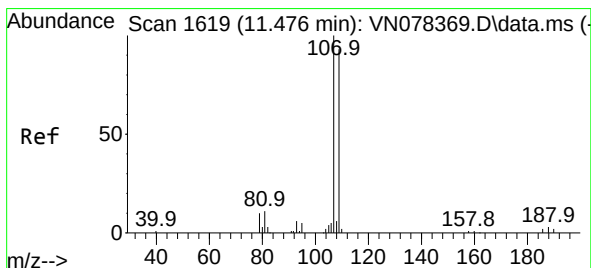
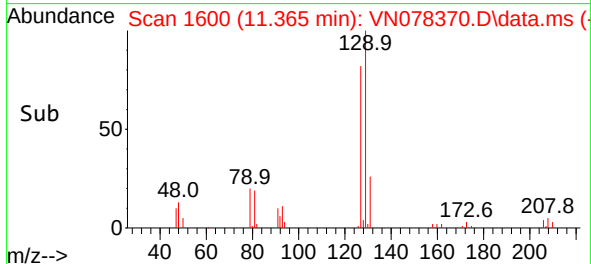
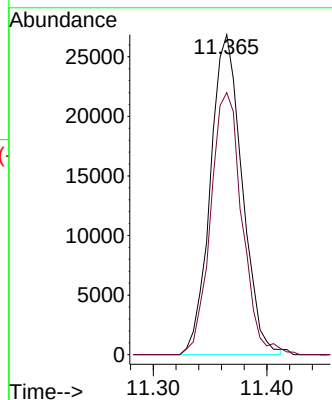
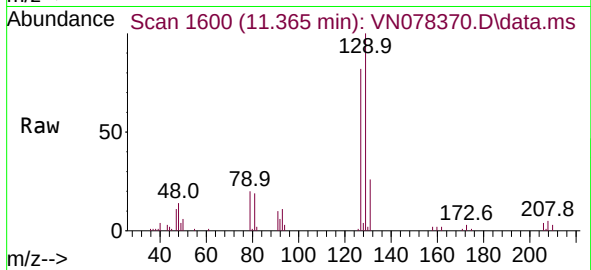
127 81.2 39.4 118.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#54

1,2-Dibromoethane

Concen: 9.759 ug/l

RT: 11.476 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VN078370.D

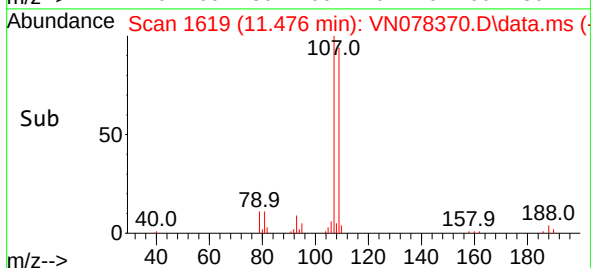
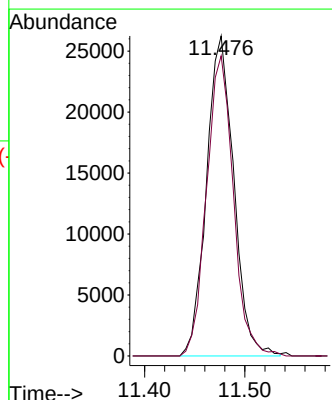
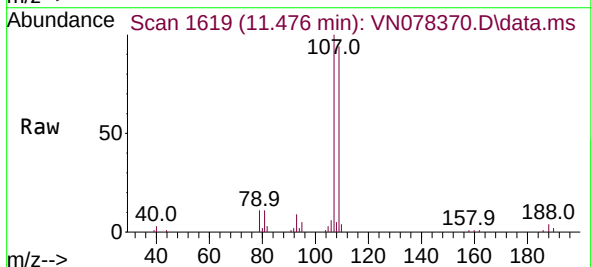
Acq: 23 Jun 2023 11:34

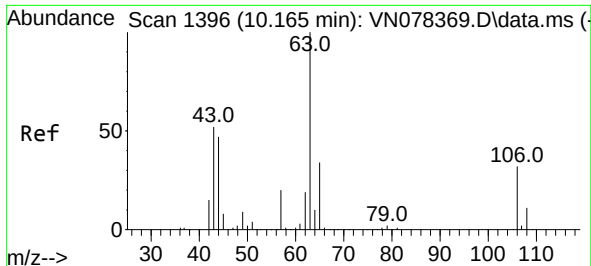
Tgt Ion:107 Resp: 49562

Ion Ratio Lower Upper

107 100

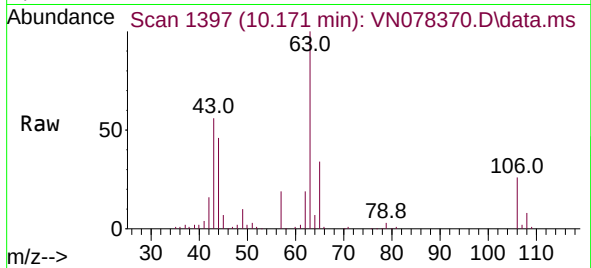
109 91.7 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 45.498 ug/l
RT: 10.171 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

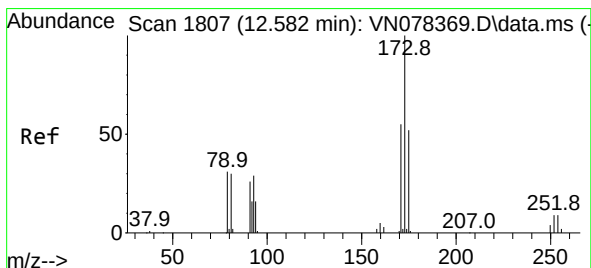
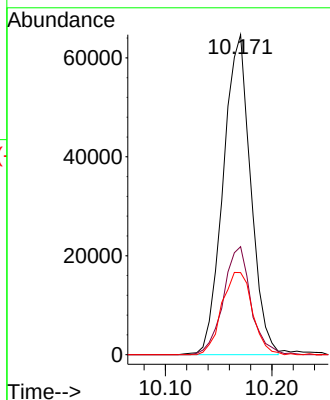
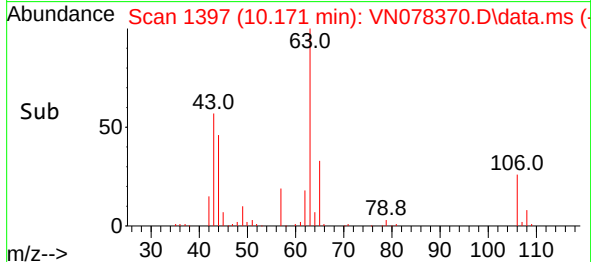
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 63 Resp: 115698
Ion Ratio Lower Upper
63 100
65 33.6 26.3 39.5
106 28.5 23.8 35.6

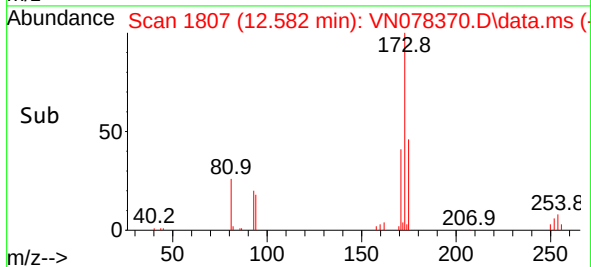
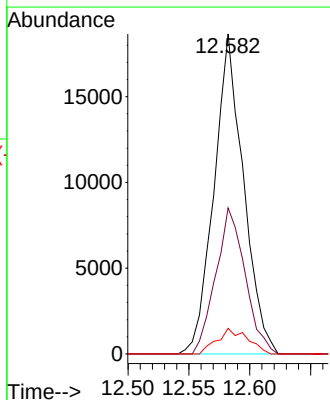
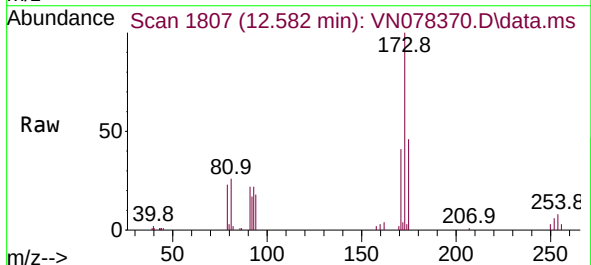
Manual Integrations
APPROVED

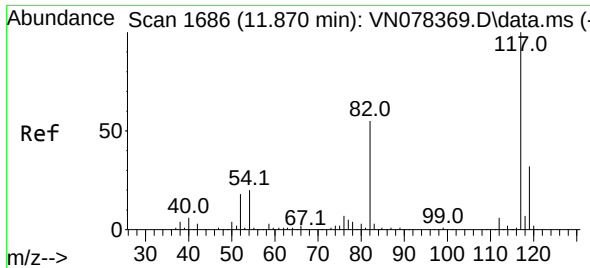
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#56
Bromoform
Concen: 9.611 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

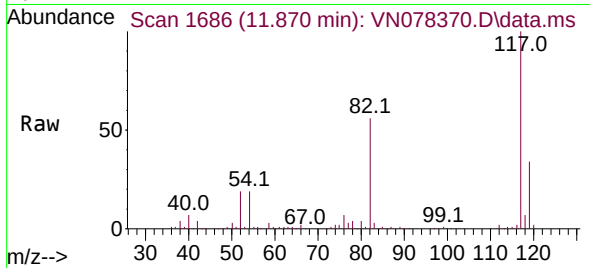
Tgt Ion:173 Resp: 31441
Ion Ratio Lower Upper
173 100
175 45.4 40.7 61.1
254 8.3 6.5 9.7





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

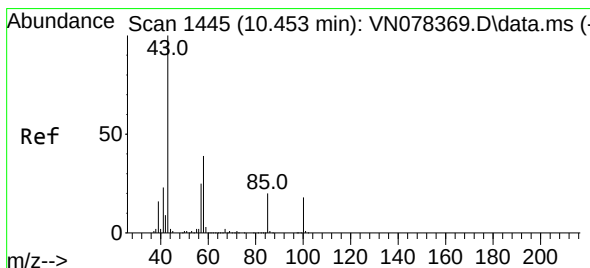
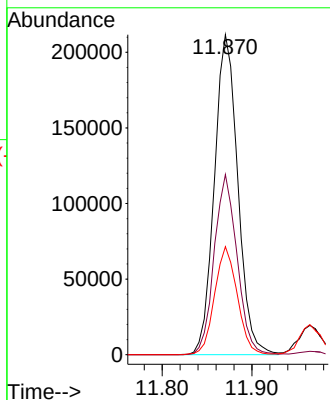
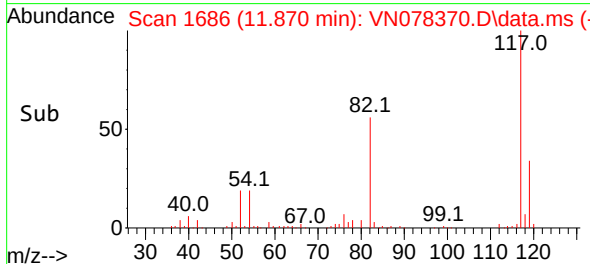
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:117 Resp: 384552
Ion Ratio Lower Upper
117 100
82 54.8 43.9 65.9
119 32.7 26.2 39.4

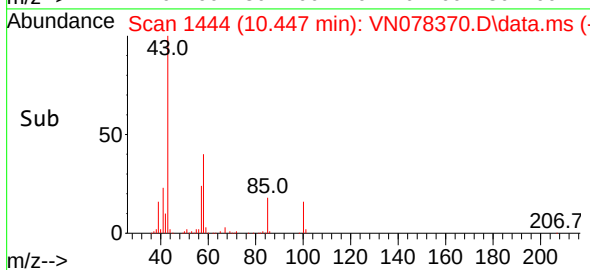
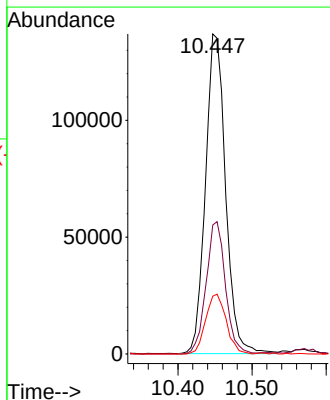
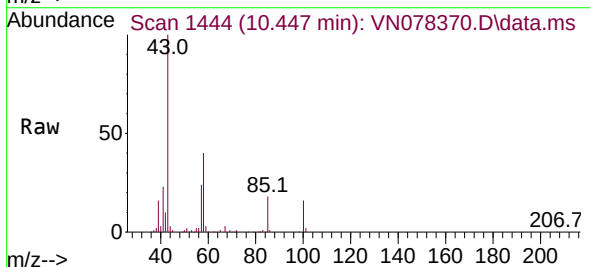
Manual Integrations
APPROVED

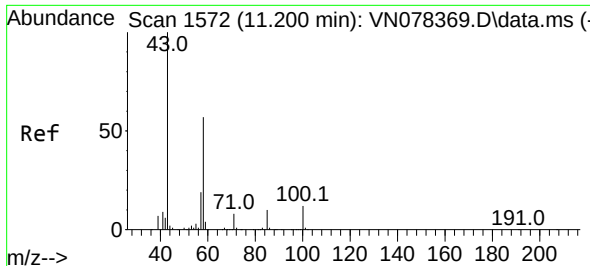
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#58
4-Methyl-2-Pentanone
Concen: 50.236 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

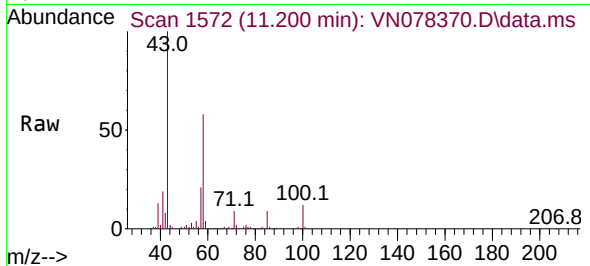
Tgt Ion: 43 Resp: 257980
Ion Ratio Lower Upper
43 100
58 39.8 32.6 48.8
85 19.1 16.2 24.2





#59
2-Hexanone
Concen: 49.037 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

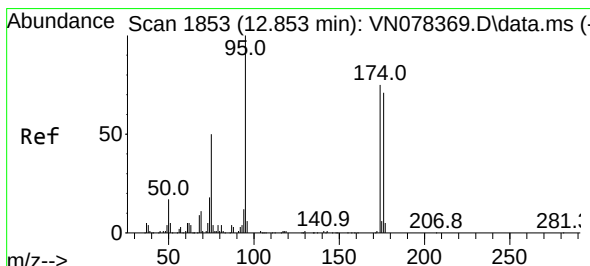
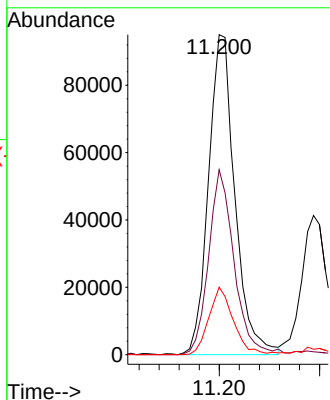
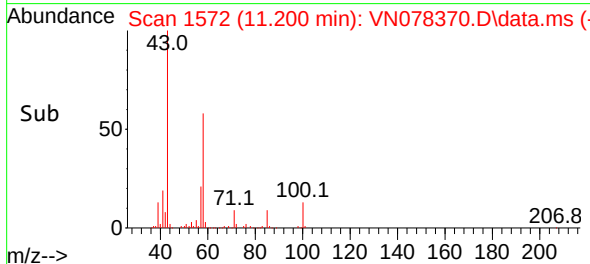
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 17391
Ion Ratio Lower Upper
43 100
58 55.2 45.9 68.9
57 19.5 15.8 23.6

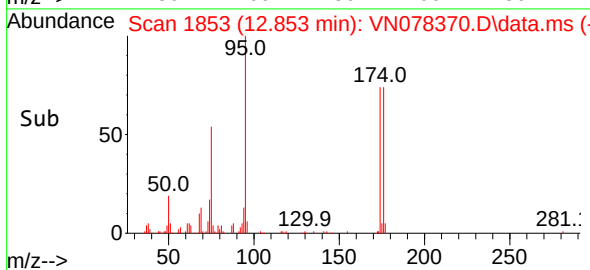
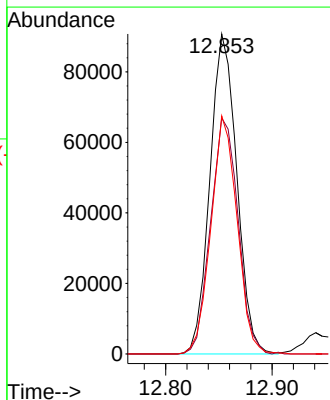
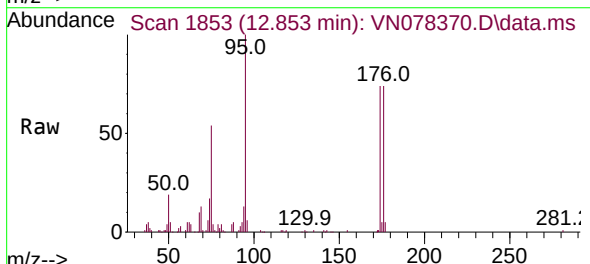
Manual Integrations
APPROVED

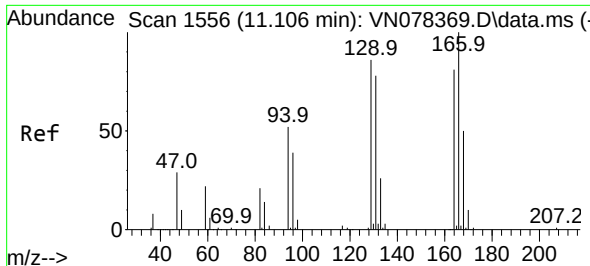
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#60
4-Bromofluorobenzene
Concen: 29.351 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

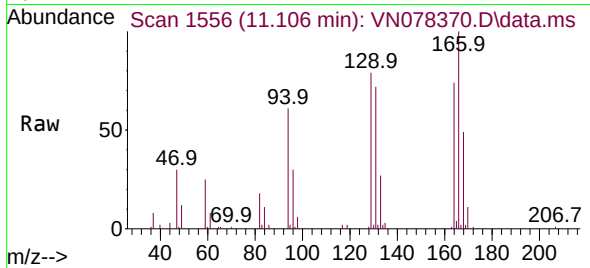
Tgt Ion: 95 Resp: 159020
Ion Ratio Lower Upper
95 100
174 75.5 61.7 92.5
176 72.5 58.1 87.1





#61
Tetrachloroethene
Concen: 9.993 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

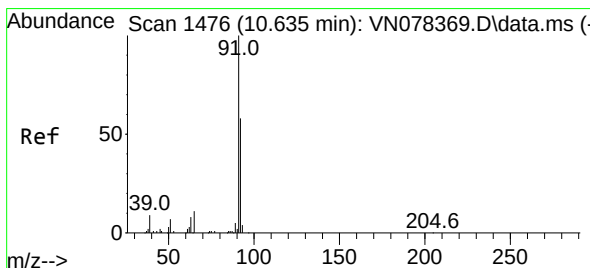
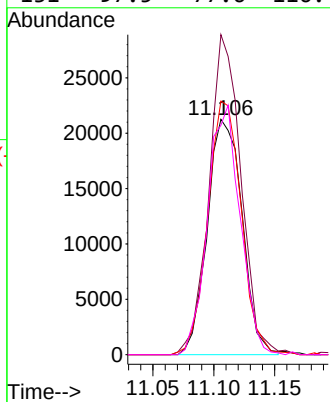
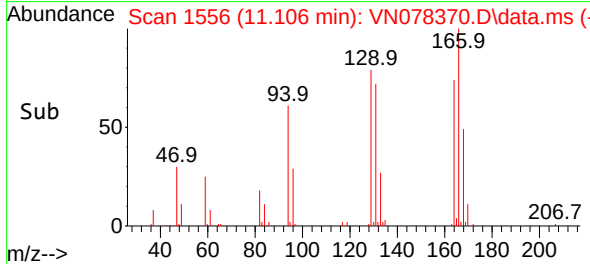
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:164 Resp: 42110
Ion Ratio Lower Upper
164 100
166 134.8 99.1 148.7
129 106.7 85.6 128.4
131 97.5 77.6 116.4

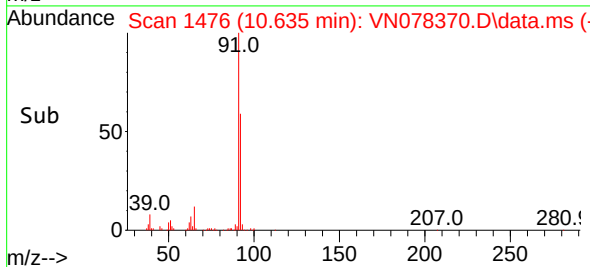
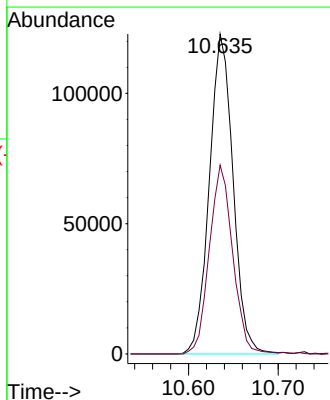
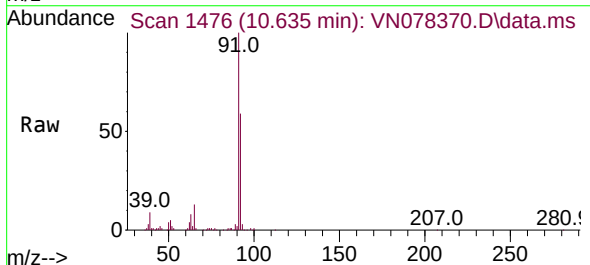
Manual Integrations
APPROVED

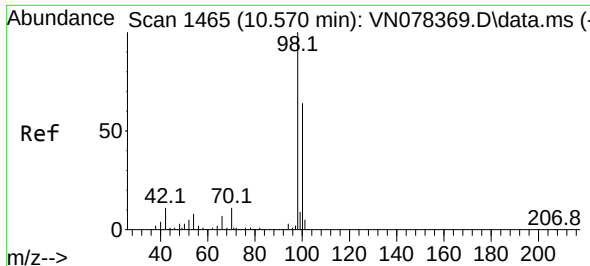
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#62
Toluene
Concen: 10.067 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

Tgt Ion: 91 Resp: 225311
Ion Ratio Lower Upper
91 100
92 58.1 45.2 67.8





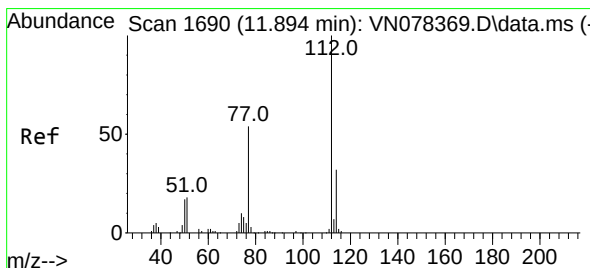
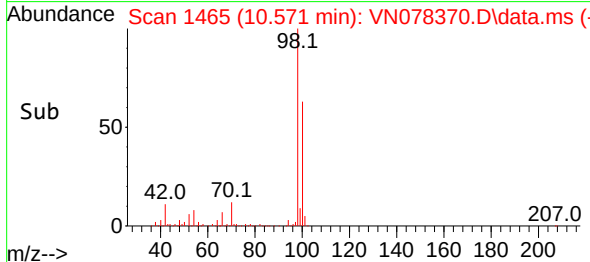
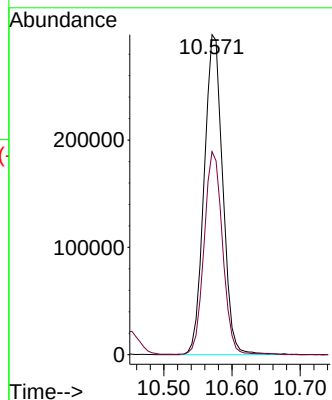
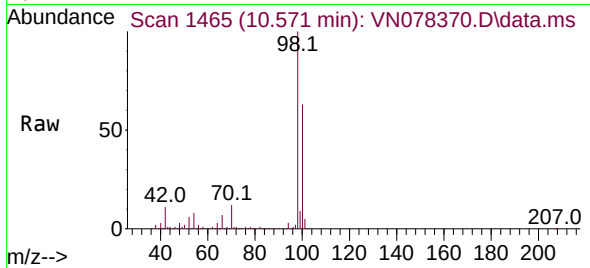
#63
Toluene-d8
Concen: 30.334 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 98 Resp: 565190
Ion Ratio Lower Upper
98 100
100 62.8 49.7 74.5

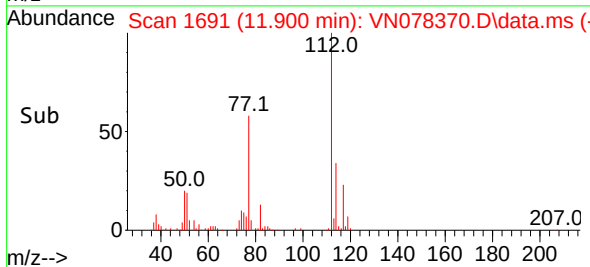
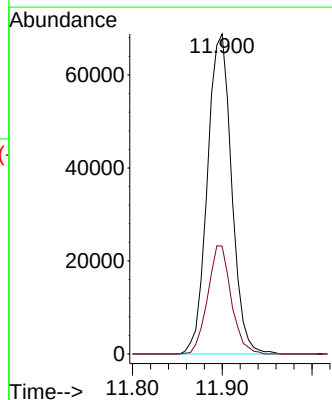
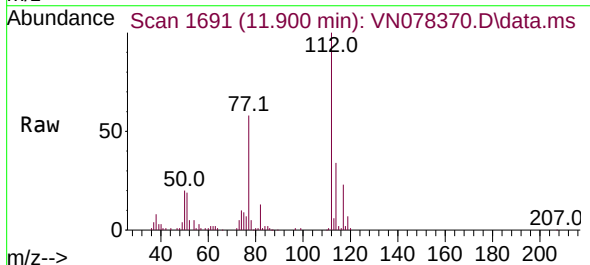
Manual Integrations
APPROVED

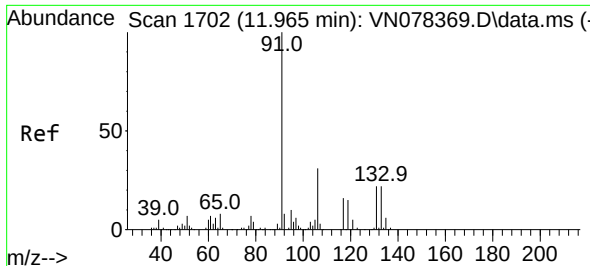
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#64
Chlorobenzene
Concen: 9.719 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.006 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

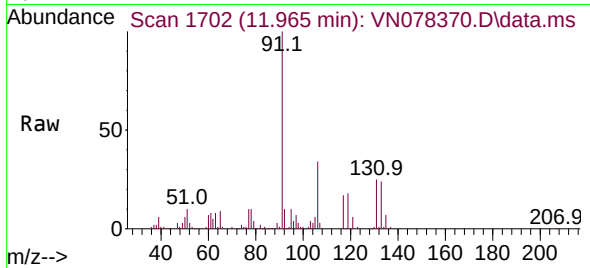
Tgt Ion:112 Resp: 128925
Ion Ratio Lower Upper
112 100
114 33.7 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 9.900 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

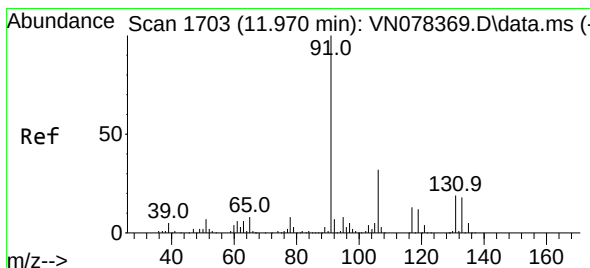
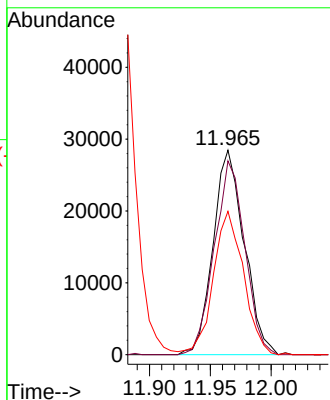
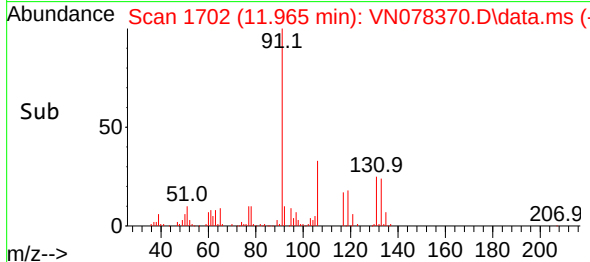
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:131 Resp: 5064
Ion Ratio Lower Upper
131 100
133 92.8 0.0 191.8
119 68.0 0.0 132.0

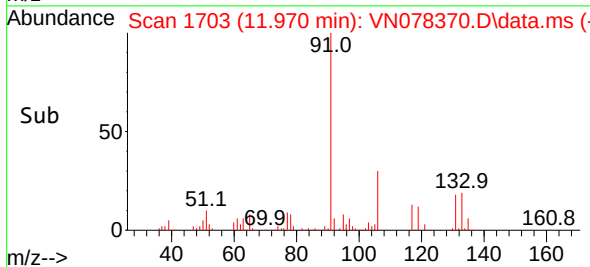
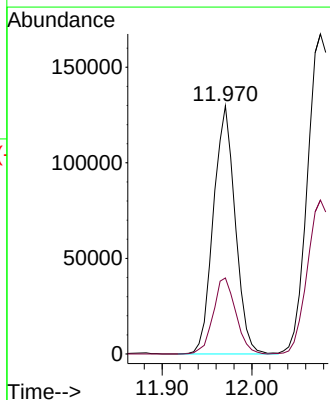
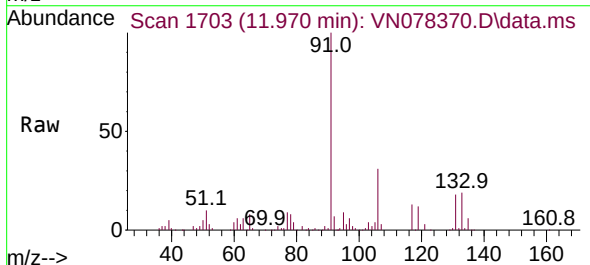
Manual Integrations
APPROVED

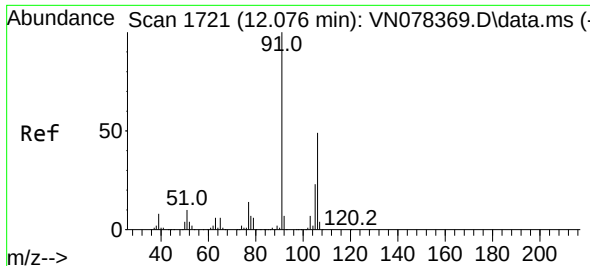
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#66
Ethyl Benzene
Concen: 9.621 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

Tgt Ion: 91 Resp: 219111
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4





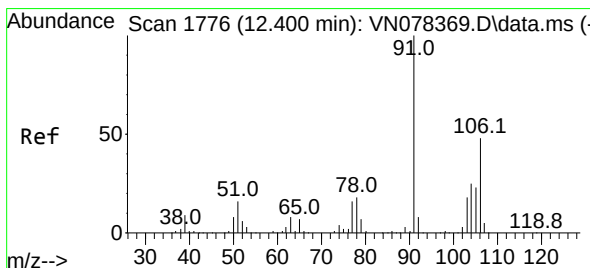
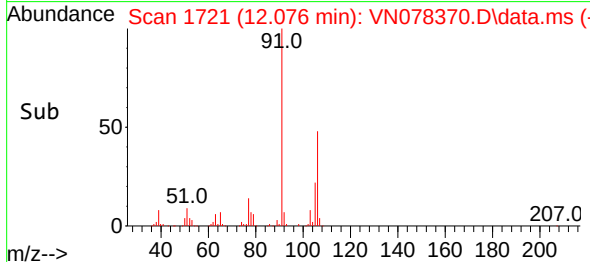
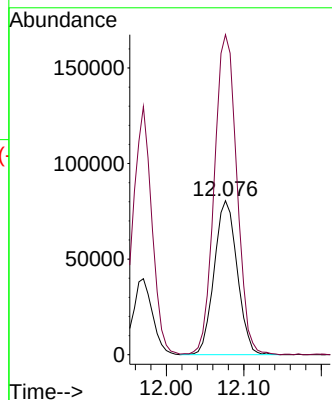
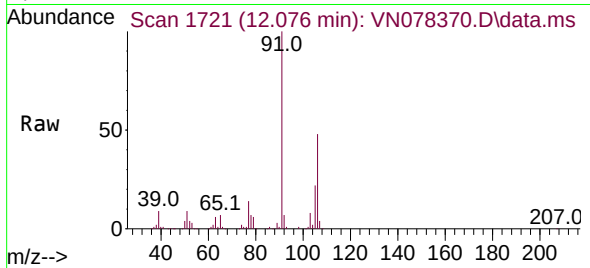
#67
m/p-Xylenes
Concen: 19.328 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 166429
Ion Ratio Lower Upper
106 100
91 203.6 162.5 243.7

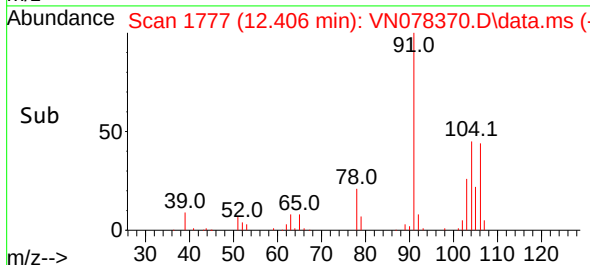
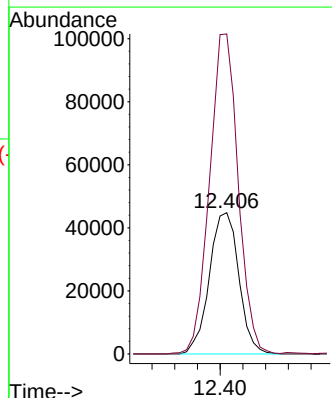
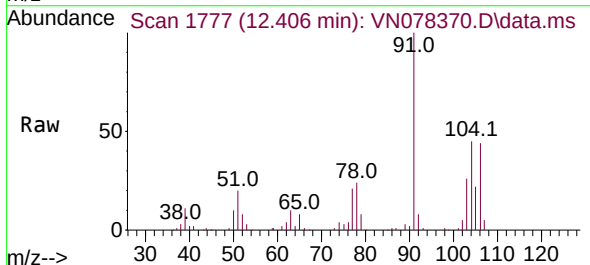
Manual Integrations
APPROVED

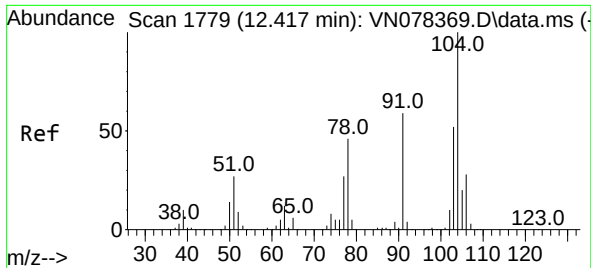
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#68
o-Xylene
Concen: 9.661 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

Tgt Ion:106 Resp: 80670
Ion Ratio Lower Upper
106 100
91 219.8 106.1 318.3





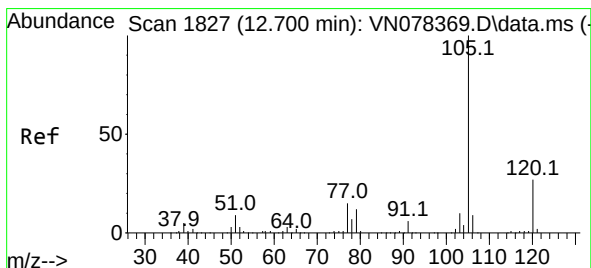
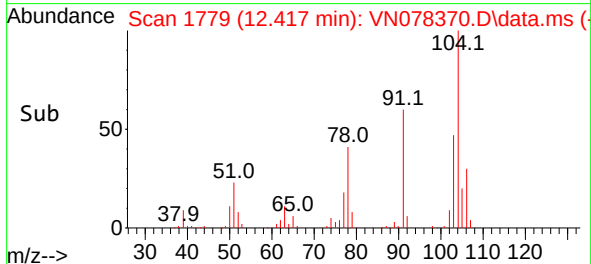
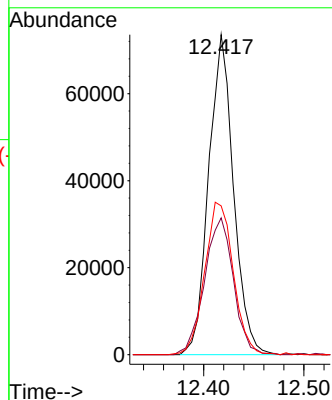
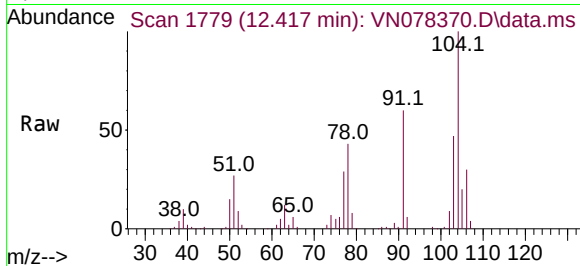
#69
Styrene
Concen: 9.586 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:104 Resp: 126733
Ion Ratio Lower Upper
104 100
78 49.6 40.1 60.1
103 54.7 45.1 67.7

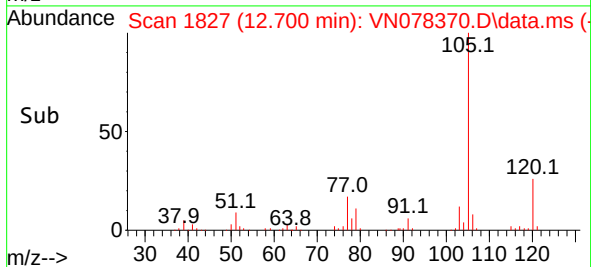
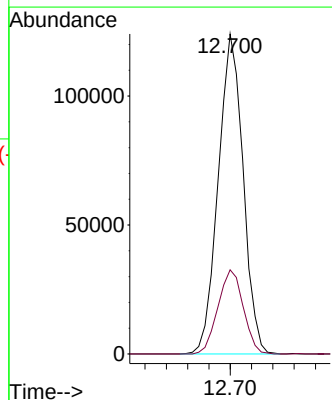
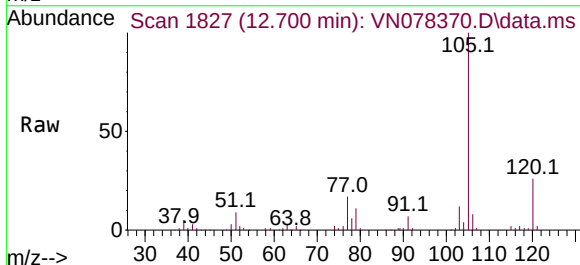
Manual Integrations
APPROVED

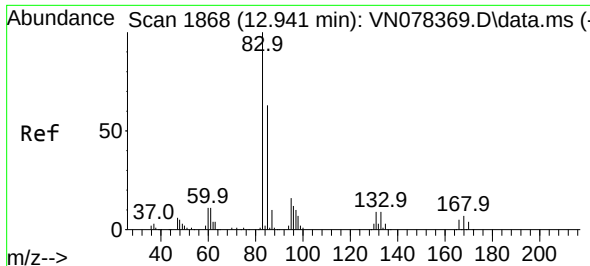
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#70
Isopropylbenzene
Concen: 9.787 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

Tgt Ion:105 Resp: 200814
Ion Ratio Lower Upper
105 100
120 26.7 18.3 34.1





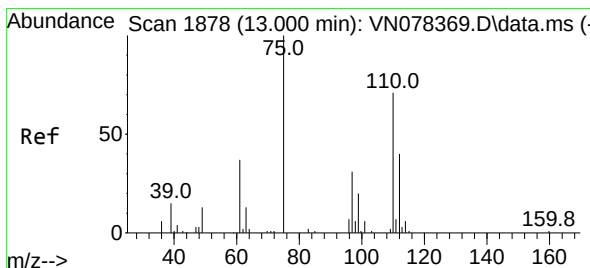
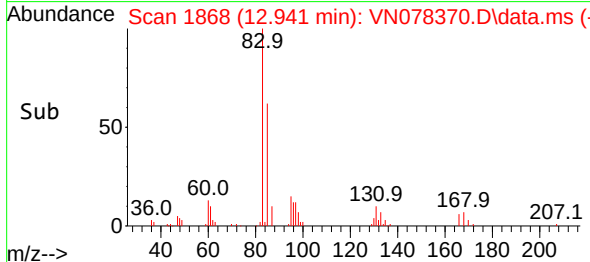
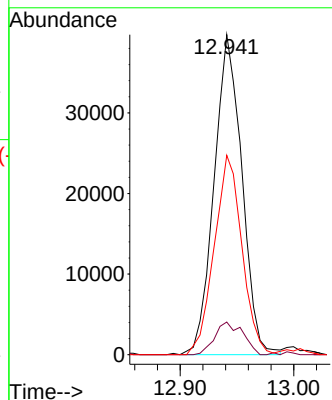
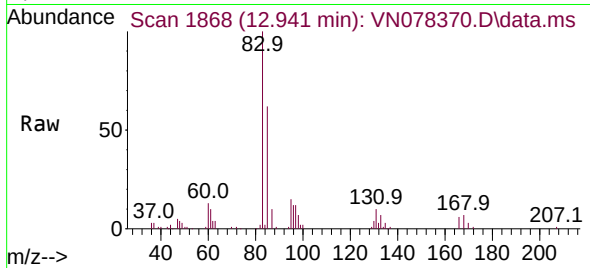
#71
1,1,2,2-Tetrachloroethane
Concen: 10.106 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 6742
Ion Ratio Lower Upper
83 100
131 10.3 4.8 14.4
85 62.2 32.6 98.0

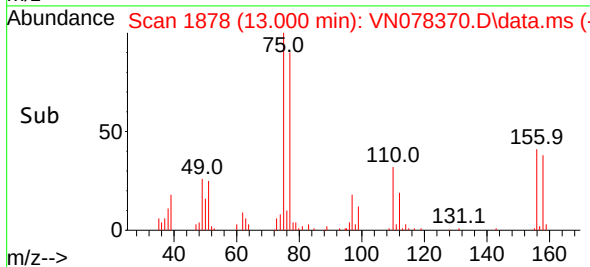
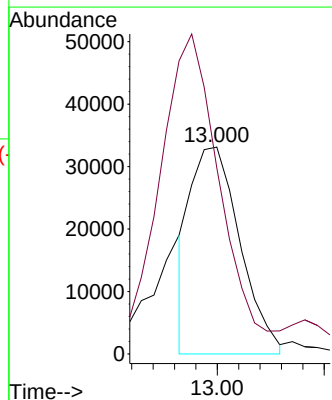
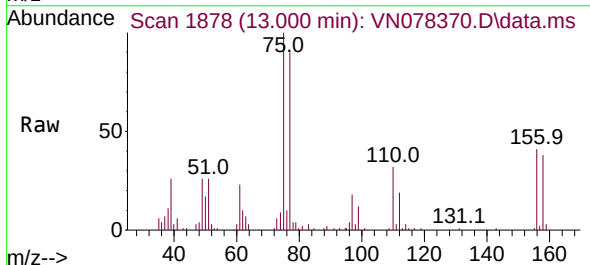
Manual Integrations
APPROVED

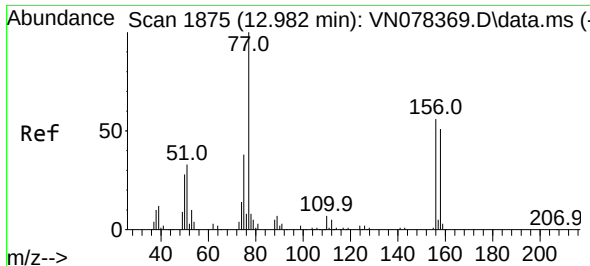
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#72
1,2,3-Trichloropropane
Concen: 9.014 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

Tgt Ion: 75 Resp: 53014
Ion Ratio Lower Upper
75 100
77 189.8 0.0 387.4





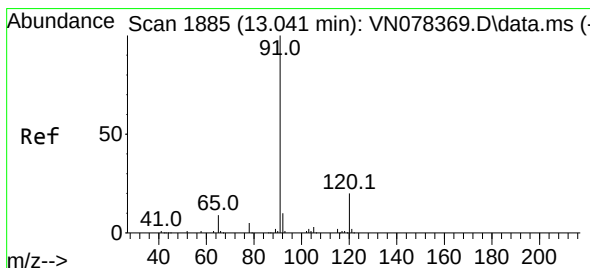
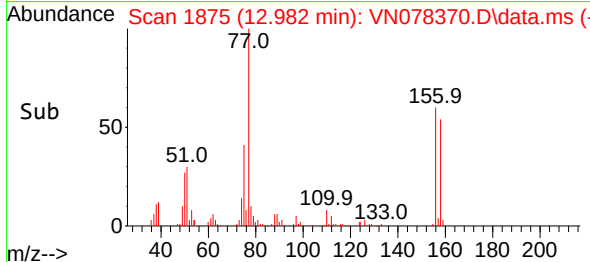
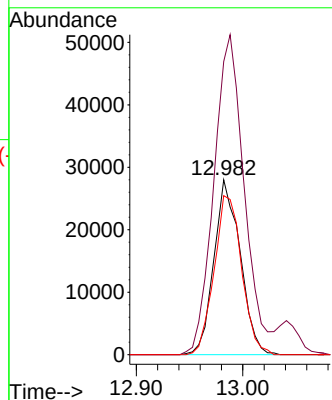
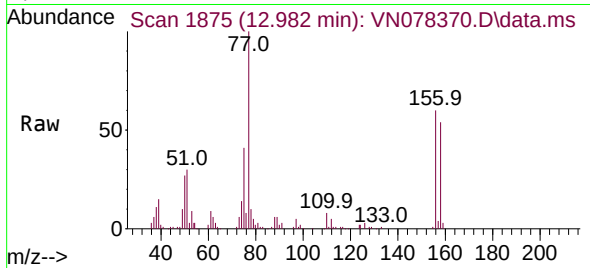
#73
Bromobenzene
Concen: 9.786 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:156 Resp: 4800
Ion Ratio Lower Upper
156 100
77 209.6 0.0 420.8
158 95.1 0.0 193.2

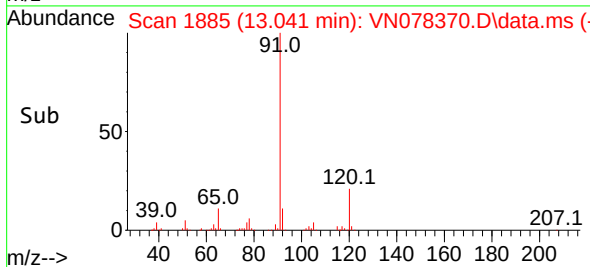
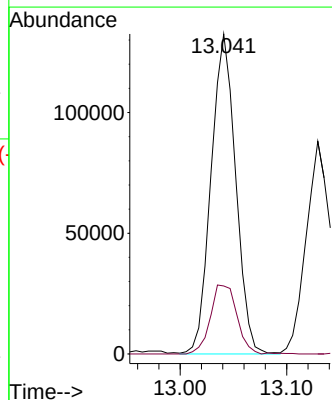
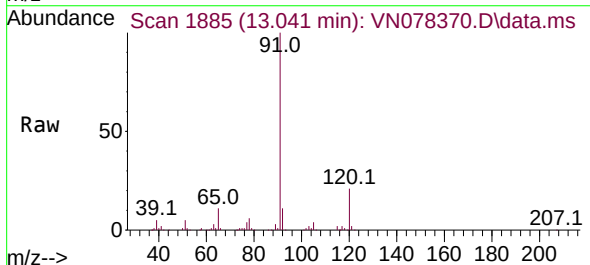
Manual Integrations
APPROVED

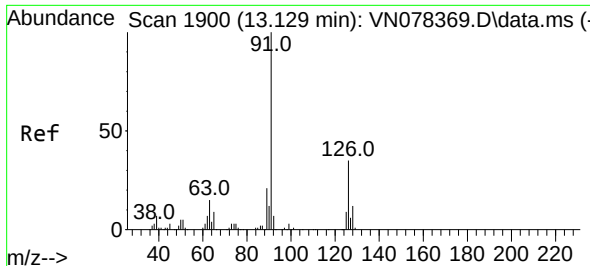
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#74
n-propylbenzene
Concen: 9.540 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

Tgt Ion: 91 Resp: 212845
Ion Ratio Lower Upper
91 100
120 23.1 0.0 44.6





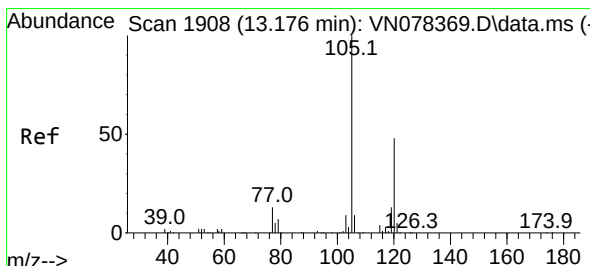
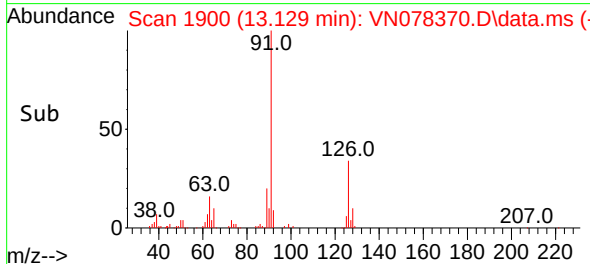
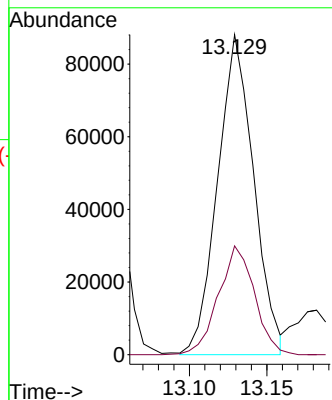
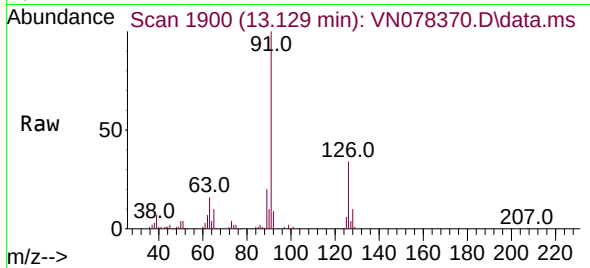
#75
2-Chlorotoluene
Concen: 9.444 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 14263
Ion Ratio Lower Upper
91 100
126 33.9 0.0 67.2

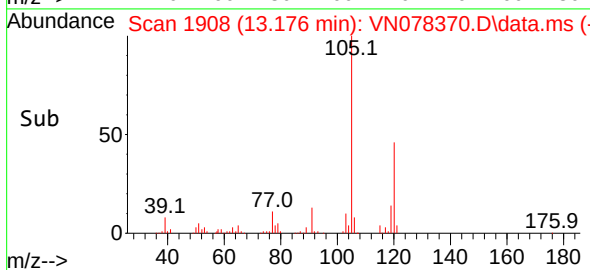
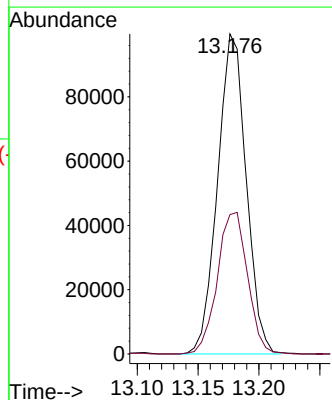
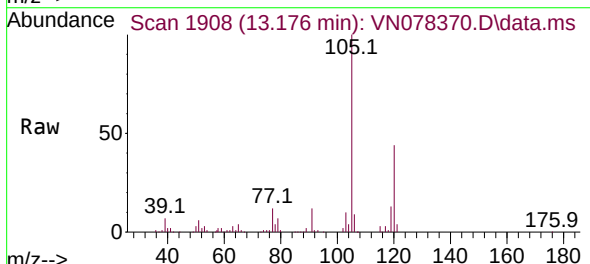
Manual Integrations
APPROVED

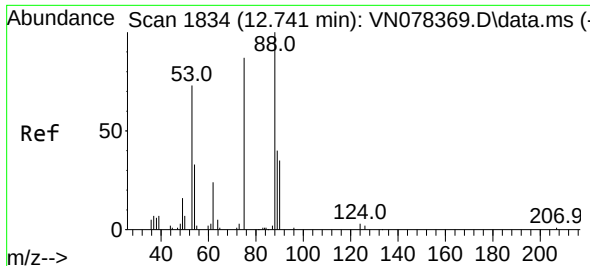
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#76
1,3,5-Trimethylbenzene
Concen: 9.575 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

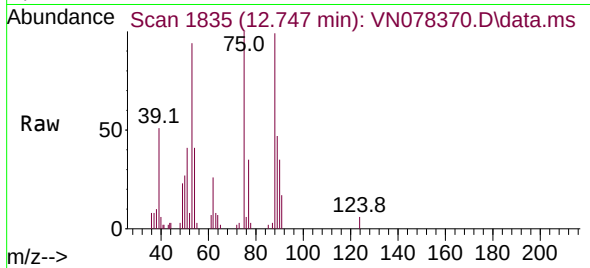
Tgt Ion:105 Resp: 162903
Ion Ratio Lower Upper
105 100
120 46.7 0.0 97.2





#77
t-1,4-Dichloro-2-butene
Concen: 8.760 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

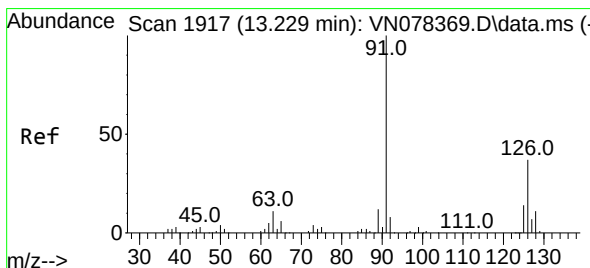
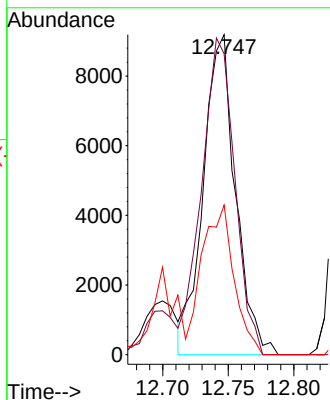
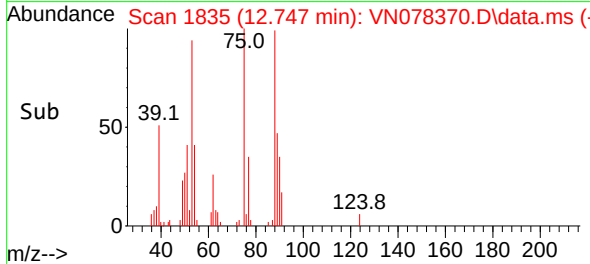
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 1574
Ion Ratio Lower Upper
75 100
53 94.0 41.6 124.9
89 46.7 25.1 75.4

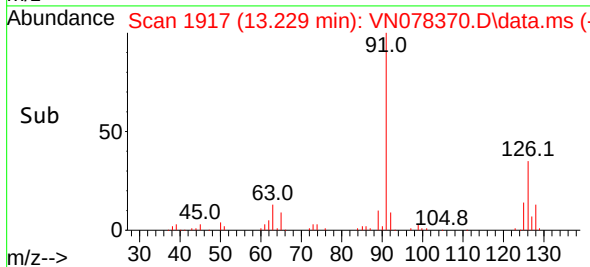
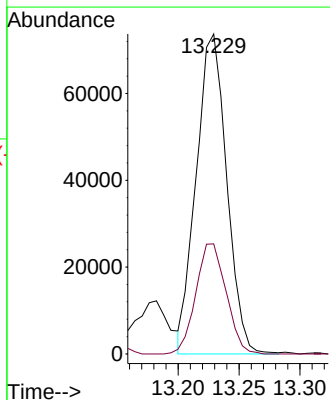
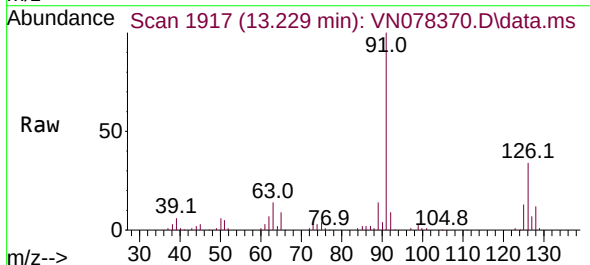
Manual Integrations
APPROVED

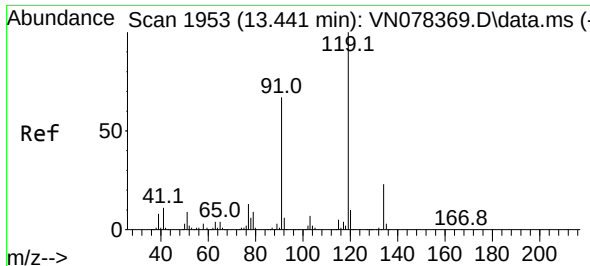
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#78
4-Chlorotoluene
Concen: 9.111 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

Tgt Ion: 91 Resp: 128773
Ion Ratio Lower Upper
91 100
126 34.2 0.0 68.8





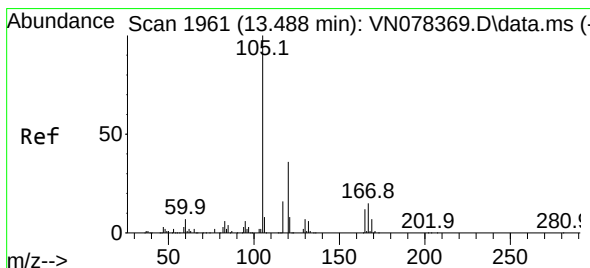
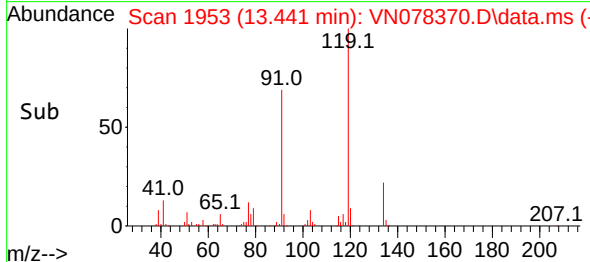
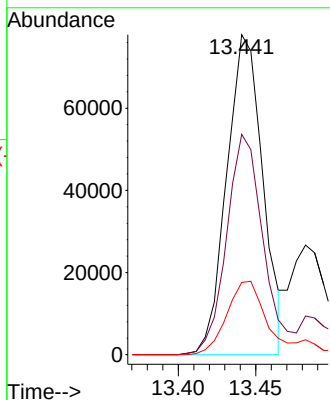
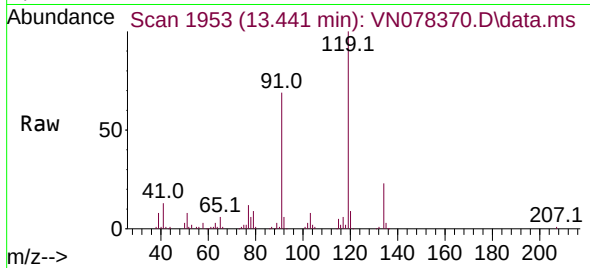
#79
tert-butylbenzene
Concen: 9.018 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 126214
Ion Ratio Lower Upper
119 100
91 70.5 0.0 126.6
134 24.4 0.0 44.0

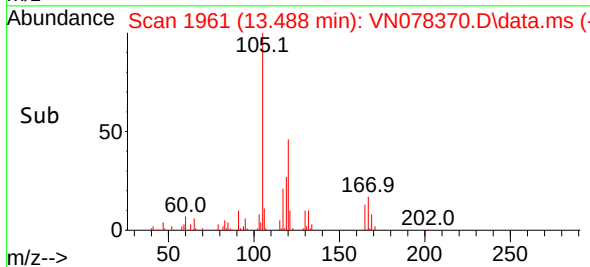
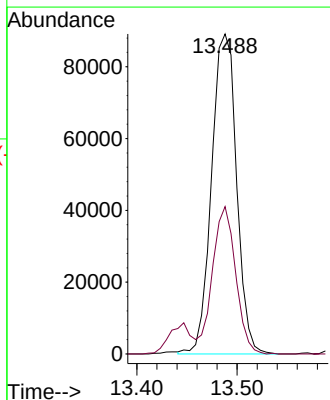
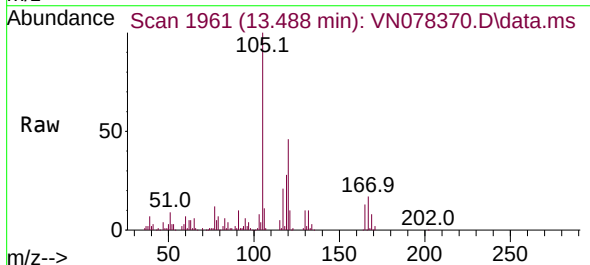
Manual Integrations
APPROVED

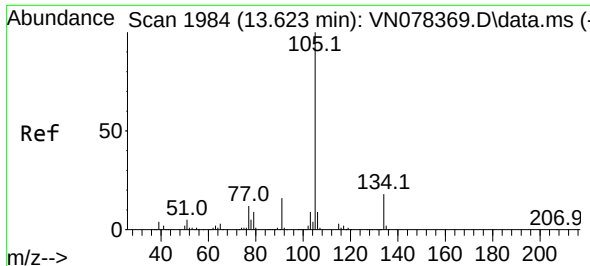
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#80
1,2,4-Trimethylbenzene
Concen: 9.599 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

Tgt Ion:105 Resp: 154310
Ion Ratio Lower Upper
105 100
120 42.7 0.0 88.2





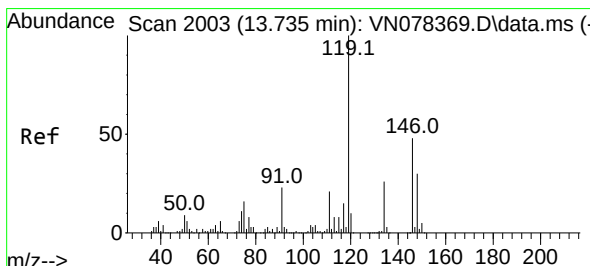
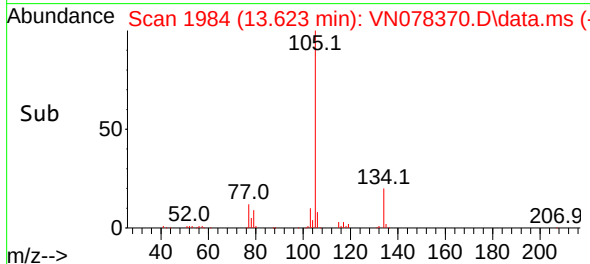
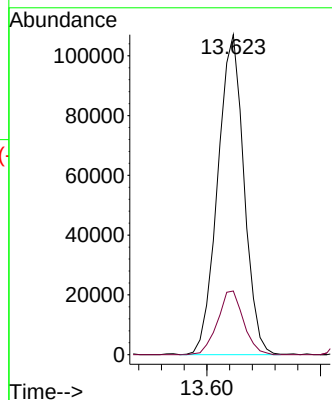
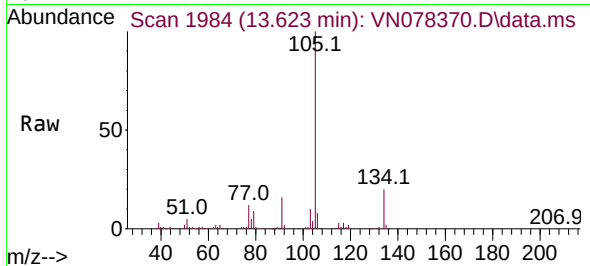
#81
 sec-Butylbenzene
 Concen: 9.857 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078370.D
 Acq: 23 Jun 2023 11:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 17210
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 38.6

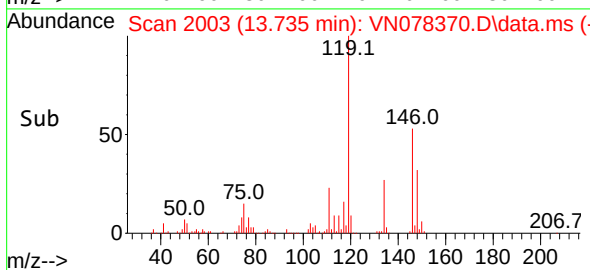
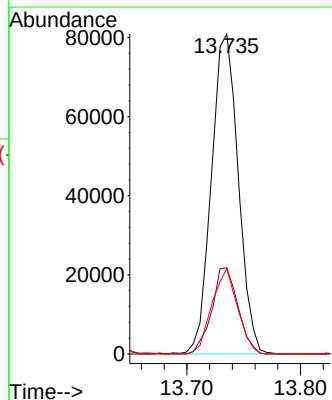
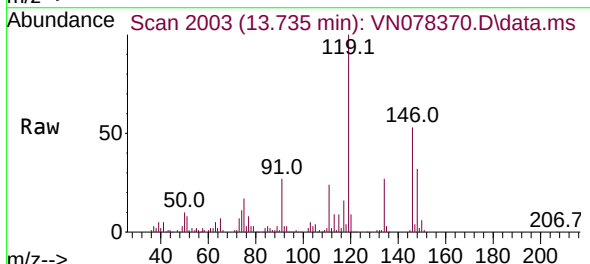
Manual Integrations
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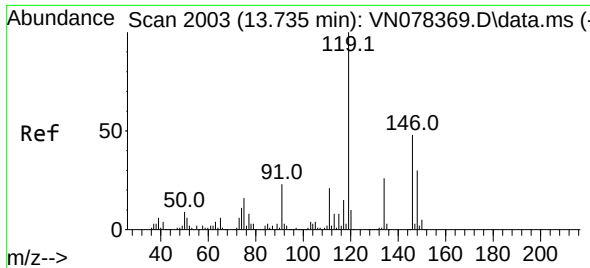
Reviewed By :John Carlone 06/24/2023
 Supervised By :Mahesh Dadoda 06/26/2023



#82
 p-Isopropyltoluene
 Concen: 9.457 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078370.D
 Acq: 23 Jun 2023 11:34

Tgt Ion:119 Resp: 132806
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 52.4
 91 25.5 0.0 48.2





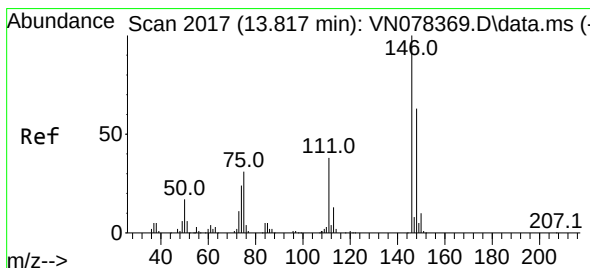
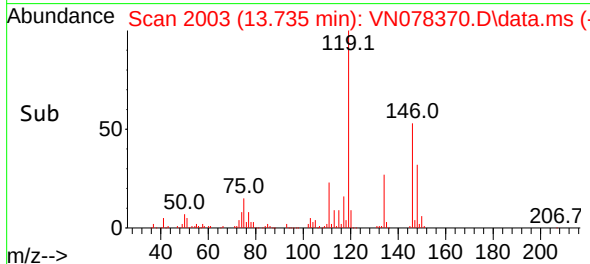
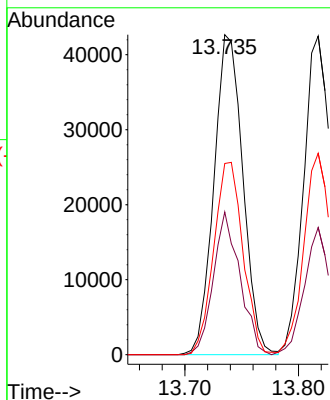
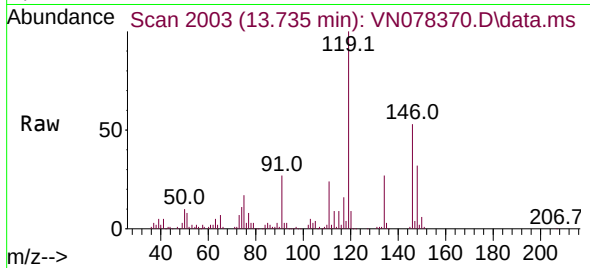
#83
1,3-Dichlorobenzene
Concen: 9.744 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 7576
Ion Ratio Lower Upper
146 100
111 40.7 21.6 64.6
148 60.7 31.9 95.5

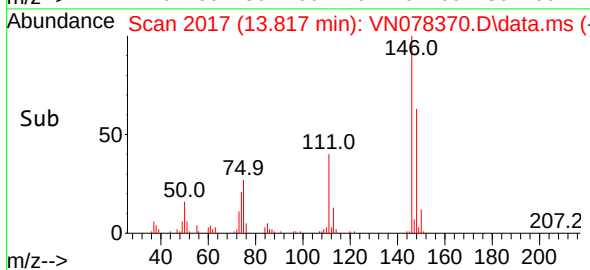
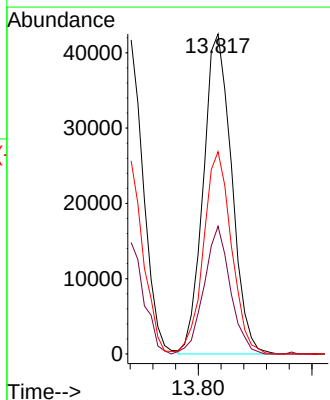
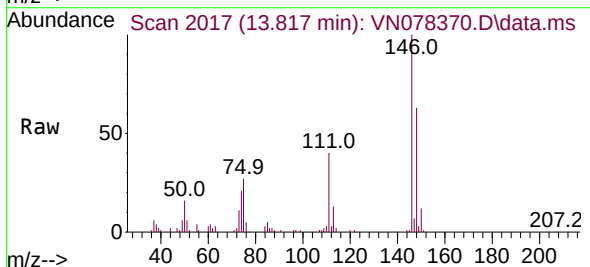
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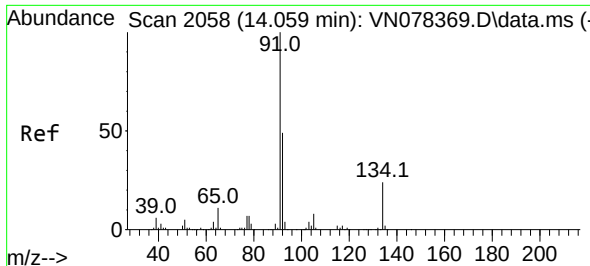
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#84
1,4-Dichlorobenzene
Concen: 9.811 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

Tgt Ion:146 Resp: 73754
Ion Ratio Lower Upper
146 100
111 37.1 19.4 58.2
148 62.2 31.4 94.3





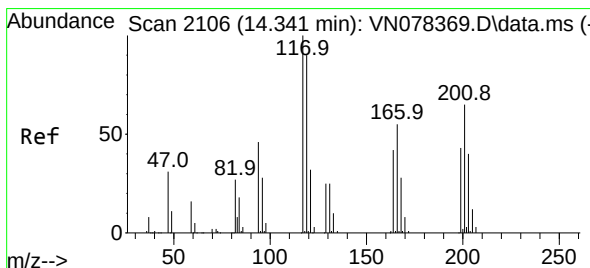
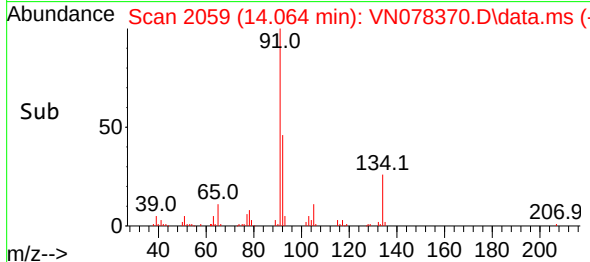
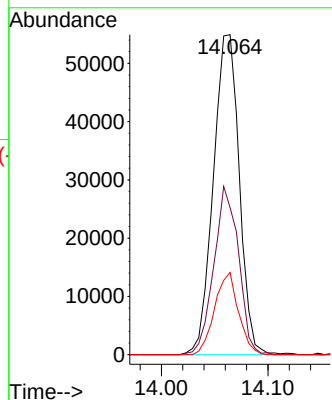
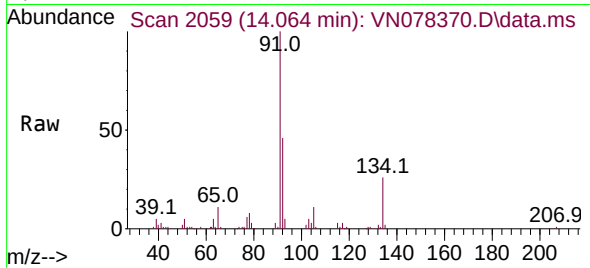
#85
n-Butylbenzene
Concen: 8.950 ug/l
RT: 14.064 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 9283
Ion Ratio Lower Upper
91 100
92 50.0 0.0 99.6
134 23.6 0.0 50.0

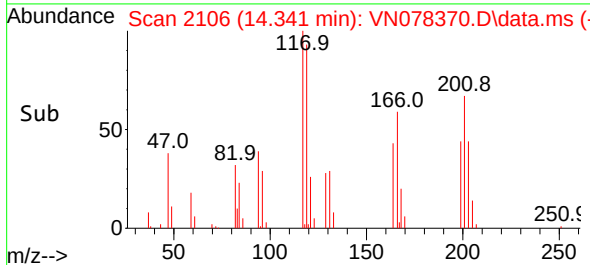
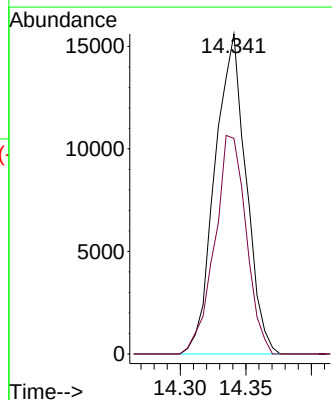
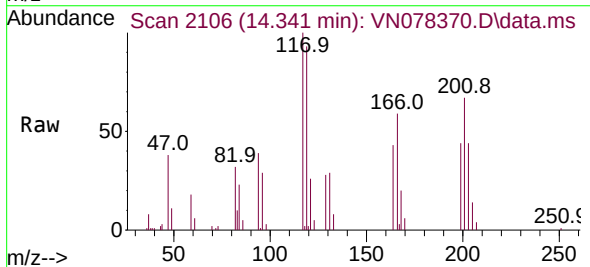
Manual Integrations
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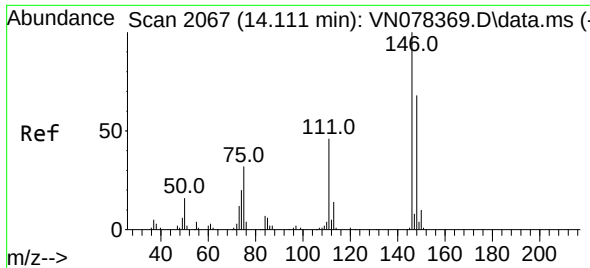
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#86
Hexachloroethane
Concen: 9.536 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

Tgt Ion:117 Resp: 25776
Ion Ratio Lower Upper
117 100
201 69.0 34.2 102.6





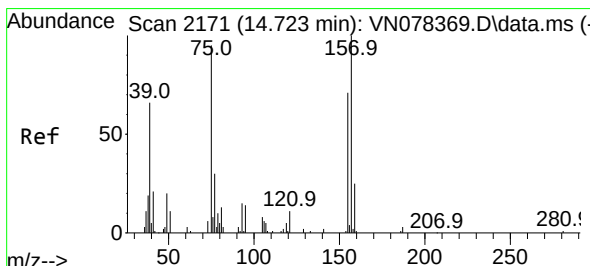
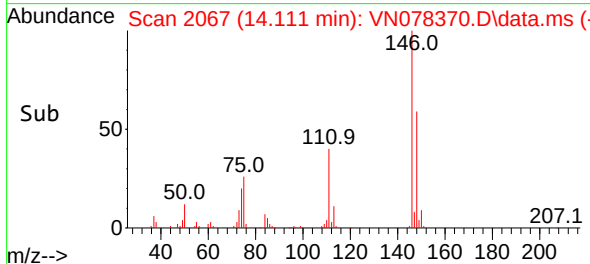
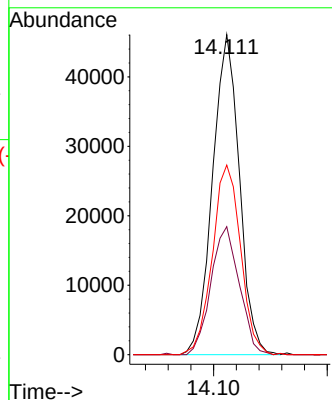
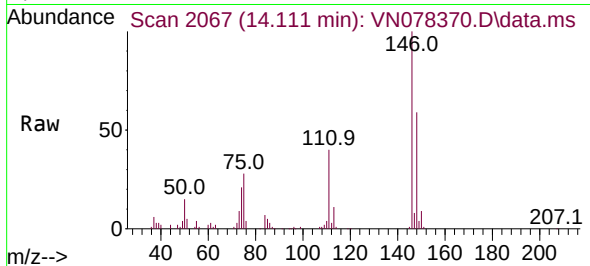
#87
1,2-Dichlorobenzene
Concen: 9.817 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 7566
Ion Ratio Lower Upper
146 100
111 42.2 22.4 67.3
148 62.3 33.4 100.1

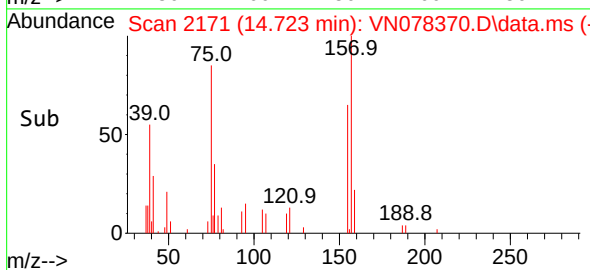
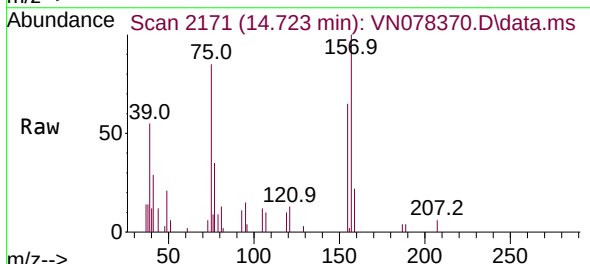
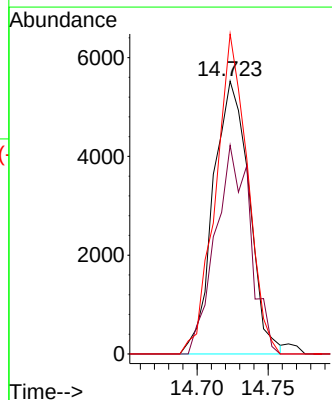
Manual Integrations
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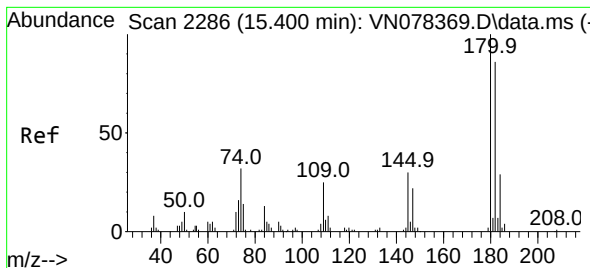
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 9.624 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

Tgt Ion: 75 Resp: 9675
Ion Ratio Lower Upper
75 100
155 74.8 68.2 102.2
157 104.7 84.7 127.1





#89

1,2,4-Trichlorobenzene

Concen: 8.210 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN078370.D

Acq: 23 Jun 2023 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

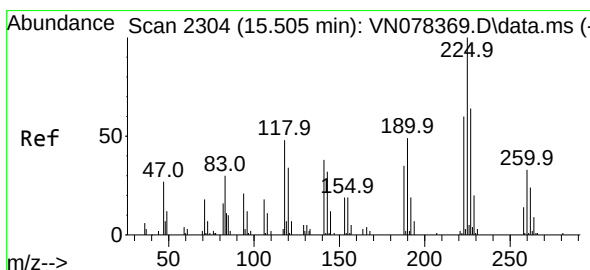
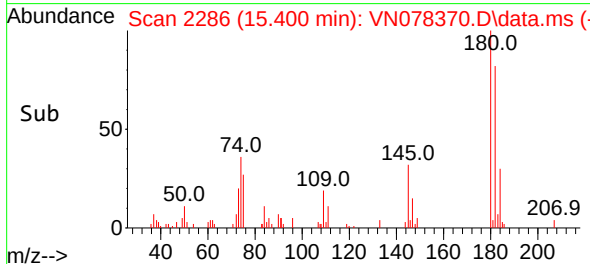
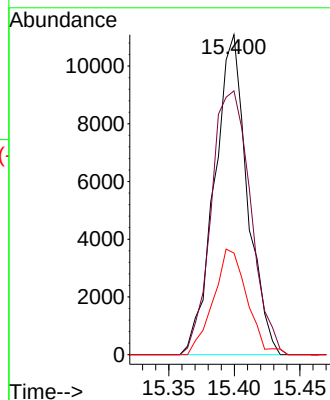
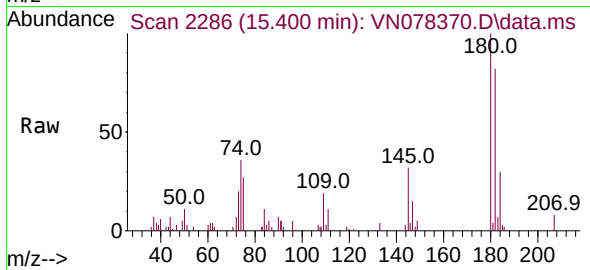
Tgt Ion:	180	Resp:	1929
Ion Ratio	Lower	Upper	
180	100		
182	98.9	73.7	110.5
145	33.2	25.0	37.6

Manual Integrations

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Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#90

Hexachlorobutadiene

Concen: 10.996 ug/l

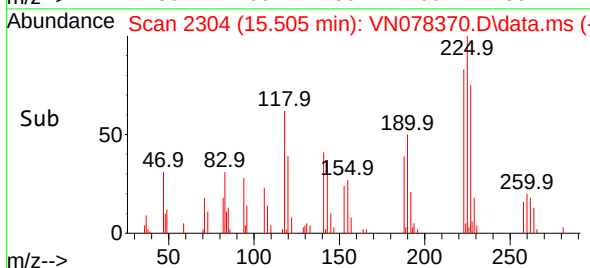
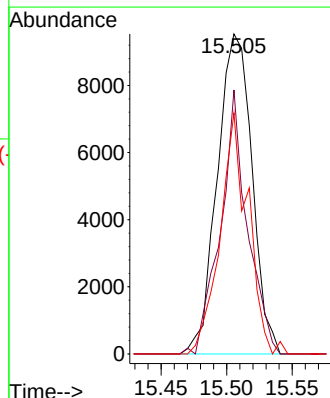
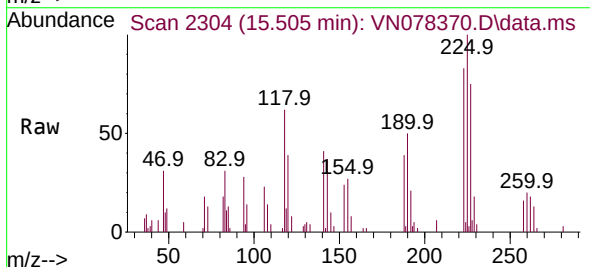
RT: 15.505 min Scan# 2304

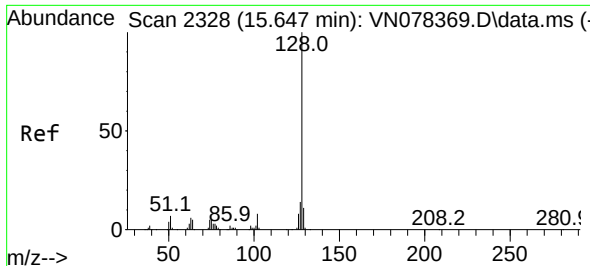
Delta R.T. 0.000 min

Lab File: VN078370.D

Acq: 23 Jun 2023 11:34

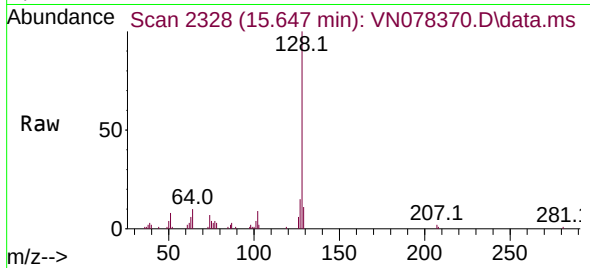
Tgt Ion:	225	Resp:	17567
Ion Ratio	Lower	Upper	
225	100		
223	63.5	0.0	130.0
227	60.6	0.0	124.0





#91
Naphthalene
Concen: 8.476 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34

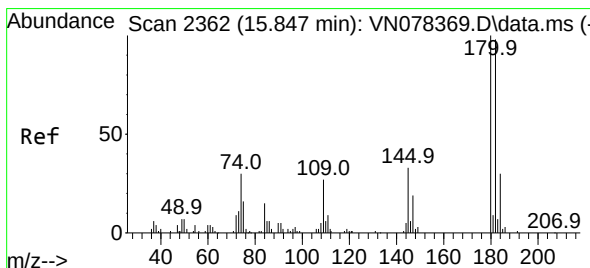
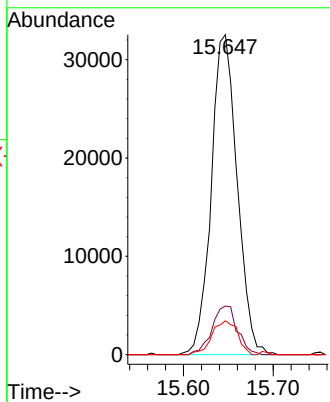
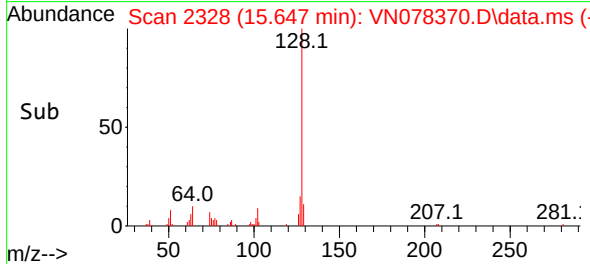
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



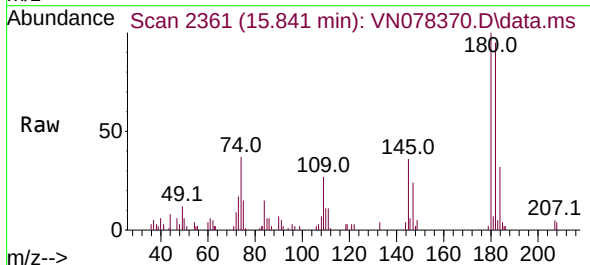
Tgt Ion:128 Resp: 65269
Ion Ratio Lower Upper
128 100
127 14.9 10.2 15.2
129 10.5 9.0 13.4

Manual Integrations
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Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#92
1,2,3-Trichlorobenzene
Concen: 9.580 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN078370.D
Acq: 23 Jun 2023 11:34



Tgt Ion:180 Resp: 26043
Ion Ratio Lower Upper
180 100
182 99.1 0.0 196.4
145 20.0 0.0 71.0

