

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062323\
 Data File : VN078374.D
 Acq On : 23 Jun 2023 13:21
 Operator : JC\MD
 Sample : VN0623WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBS01

Quant Time: Jun 24 01:17:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 24 00:59:50 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	7.818	128	77707	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	455484	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	392272	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	176814	30.216	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.733%			
60) 4-Bromofluorobenzene	12.853	95	169538	30.676	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 102.267%			
63) Toluene-d8	10.571	98	566873	29.825	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.433%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	101975	21.667	ug/l	99
3) Chloromethane	2.371	50	121237	21.360	ug/l	97
4) Vinyl Chloride	2.524	62	147230	21.087	ug/l	94
5) Bromomethane	2.971	94	106112	18.695	ug/l	96
6) Chloroethane	3.130	64	95050	19.113	ug/l	98
7) Trichlorofluoromethane	3.506	101	172264	20.963	ug/l	99
8) Diethyl Ether	3.977	74	55919	20.386	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.383	101	96525	21.613	ug/l	99
10) 1,1-Dichloroethene	4.353	96	92636	21.150	ug/l	83
11) Methyl Iodide	4.595	142	128285	20.674	ug/l	97
12) Methyl Acetate	5.036	43	141847	20.875	ug/l	98
13) Acrolein	4.189	56	83640	98.304	ug/l	94
14) Acrylonitrile	5.730	53	197738	107.423	ug/l	98
15) Acetone	4.442	58	54820	104.441	ug/l	95
16) Carbon Disulfide	4.724	76	240330	20.080	ug/l	95
17) Allyl chloride	5.042	41	110536	20.121	ug/l	95
18) Methylene Chloride	5.289	84	106542	20.528	ug/l	92
19) trans-1,2-Dichloroethene	5.806	96	100665	20.826	ug/l	84
20) Diisopropyl ether	6.683	45	271408	20.567	ug/l	97
21) 1,1-Dichloroethane	6.583	63	183129	20.922	ug/l	98
22) cis-1,2-Dichloroethene	7.494	96	113491	20.639	ug/l	99
23) tert-Butyl Alcohol	5.530	59	66595	96.850	ug/l #	100
24) Methyl tert-Butyl Ether	5.806	73	282857	20.482	ug/l	97
25) Chloroform	7.977	83	198602	21.470	ug/l	91
26) Cyclohexane	8.265	56	131776	21.036	ug/l #	97
29) 1,1-Dichloropropene	8.377	75	141980	20.108	ug/l	99
30) 2-Butanone	7.494	43	244646	98.851	ug/l	99
31) 2,2-Dichloropropane	7.500	77	153727	20.363	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	172165	20.011	ug/l	98
33) Carbon Tetrachloride	8.365	117	150698	20.089	ug/l	92
34) Benzene	8.612	78	418618	19.882	ug/l	99
35) Methacrylonitrile	7.788	41	60593	21.355	ug/l	87
36) 1,2-Dichloroethane	8.682	62	147267	20.514	ug/l	100
37) Trichloroethene	9.359	130	109618	20.377	ug/l	100
38) Methylcyclohexane	9.612	83	123450	19.900	ug/l	98
39) 1,2-Dichloropropane	9.624	63	105769	20.054	ug/l	89
40) Dibromomethane	9.712	93	74047	19.455	ug/l	98
41) Bromodichloromethane	9.894	83	151746	20.523	ug/l	95
42) Vinyl Acetate	6.612	43	805587	102.180	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	105183	20.185	ug/l	98
44) Isopropyl Acetate	8.694	43	186689	19.835	ug/l	96
45) 1,4-Dioxane	9.700	88	33333	401.435	ug/l	98
46) Methyl methacrylate	9.688	41	88398	21.099	ug/l	95
47) n-amyl Acetate	12.500	43	137737	19.908	ug/l	99
48) t-1,3-Dichloropropene	10.841	75	150774	19.864	ug/l	94
49) cis-1,3-Dichloropropene	10.318	75	165697	19.806	ug/l	98
50) 1,1,2-Trichloroethane	11.024	97	106842	20.940	ug/l	97
51) Ethyl methacrylate	10.882	69	134825	19.316	ug/l	96
52) 1,3-Dichloropropane	11.171	76	172891	20.190	ug/l	99
53) Dibromochloromethane	11.365	129	108102	19.975	ug/l	99
54) 1,2-Dibromoethane	11.476	107	102591	19.949	ug/l	97
55) 2-Chloroethyl vinyl ether	10.165	63	255451	99.201	ug/l	98
56) Bromoform	12.582	173	66207	19.986	ug/l	97
58) 4-Methyl-2-Pentanone	10.453	43	526906	100.585	ug/l	99
59) 2-Hexanone	11.200	43	362584	100.221	ug/l	100
61) Tetrachloroethene	11.106	164	93379	21.724	ug/l	95
62) Toluene	10.635	91	464934	20.365	ug/l	99
64) Chlorobenzene	11.894	112	275241	20.341	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.965	131	106548	20.420	ug/l	98
66) Ethyl Benzene	11.970	91	482605	20.775	ug/l	97
67) m/p-Xylenes	12.076	106	364572	41.506	ug/l	99
68) o-Xylene	12.406	106	183919	21.593	ug/l	98
69) Styrene	12.418	104	281142	20.847	ug/l	99
70) Isopropylbenzene	12.700	105	436407	20.851	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	137039	20.134	ug/l	98
72) 1,2,3-Trichloropropane	13.000	75	107855m	19.012	ug/l	
73) Bromobenzene	12.982	156	100205	20.025	ug/l	96
74) n-propylbenzene	13.041	91	483918	21.263	ug/l	99
75) 2-Chlorotoluene	13.129	91	303804	19.720	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	349885	20.161	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	35957	19.609	ug/l	89
78) 4-Chlorotoluene	13.223	91	284495	19.733	ug/l	100
79) tert-butylbenzene	13.441	119	286641	20.078	ug/l	99
80) 1,2,4-Trimethylbenzene	13.488	105	337400	20.575	ug/l	97
81) sec-Butylbenzene	13.623	105	358504	20.129	ug/l	99
82) p-Isopropyltoluene	13.735	119	293482	20.487	ug/l	99
83) 1,3-Dichlorobenzene	13.741	146	164829	20.783	ug/l	99
84) 1,4-Dichlorobenzene	13.817	146	162002	21.127	ug/l	99
85) n-Butylbenzene	14.059	91	210078	19.853	ug/l	99
86) Hexachloroethane	14.335	117	52935	19.198	ug/l	99
87) 1,2-Dichlorobenzene	14.112	146	165775	21.087	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.729	75	20113	19.613	ug/l	97
89) 1,2,4-Trichlorobenzene	15.394	180	42626	17.782	ug/l	95
90) Hexachlorobutadiene	15.511	225	29492	18.096	ug/l	98
91) Naphthalene	15.647	128	136730	17.408	ug/l	98
92) 1,2,3-Trichlorobenzene	15.847	180	51047	18.407	ug/l	93

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

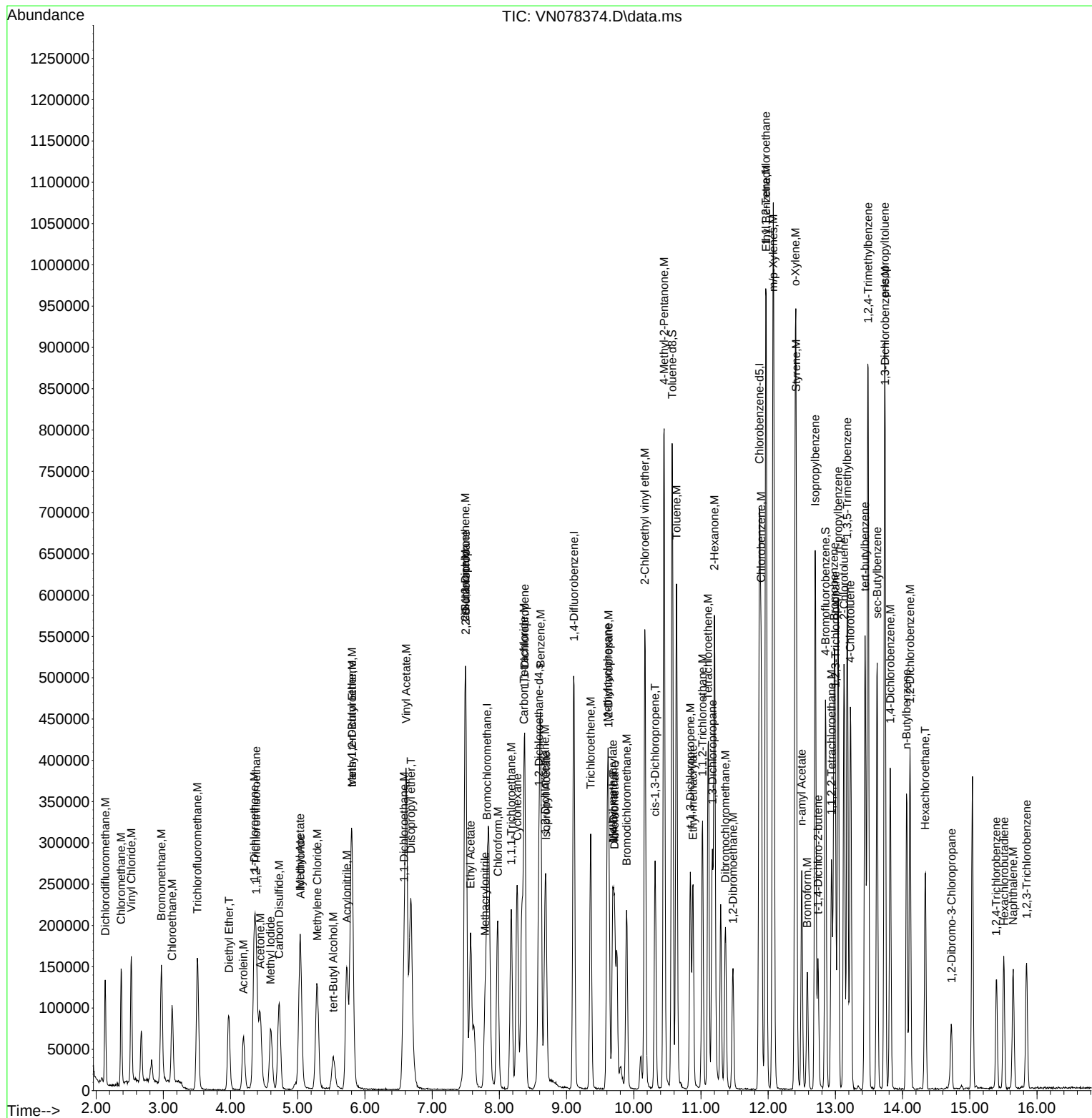
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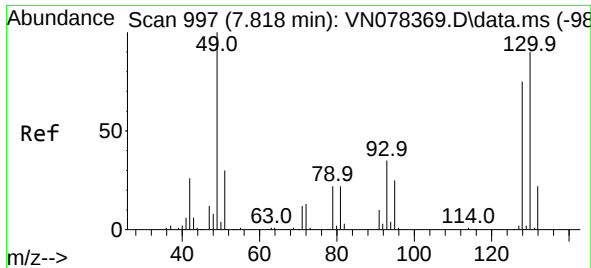
Instrument :
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 ClientSampleId :
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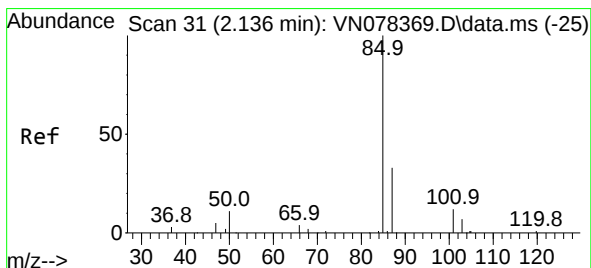
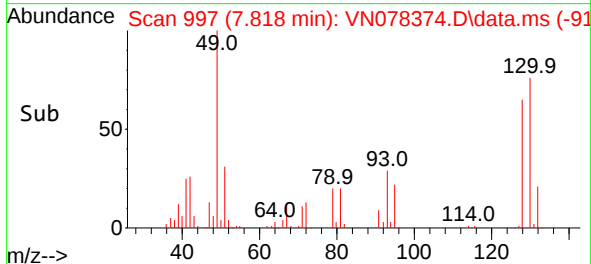
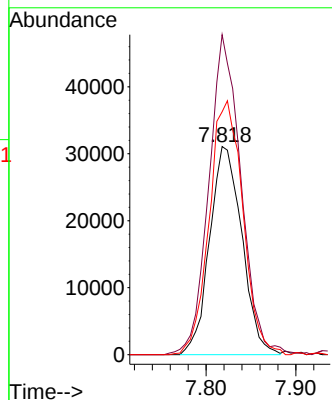
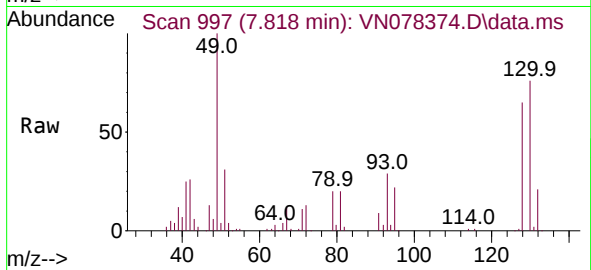
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01

Tgt Ion:128 Resp: 7770
Ion Ratio Lower Upper
128 100
49 150.8 0.0 370.8
130 127.2 0.0 307.0

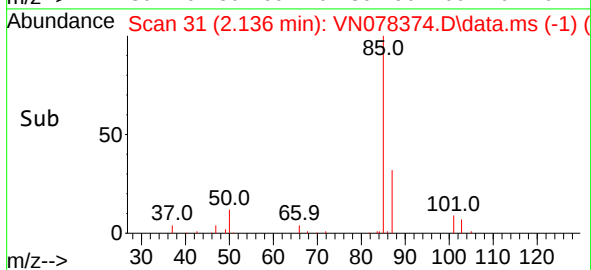
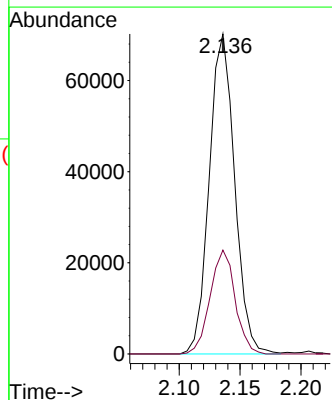
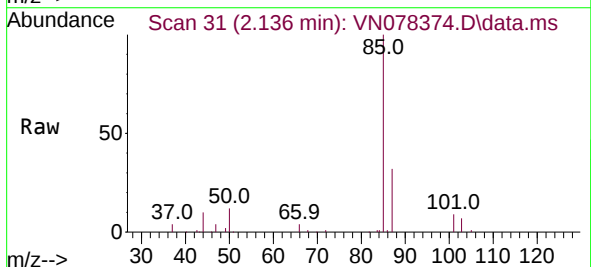
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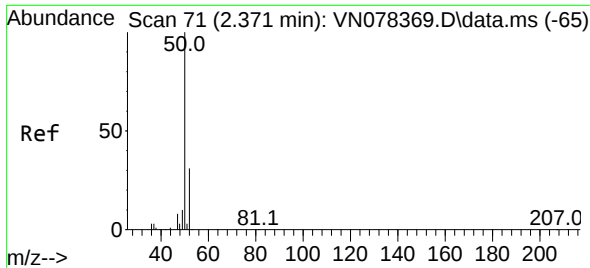
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#2
Dichlorodifluoromethane
Concen: 21.667 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

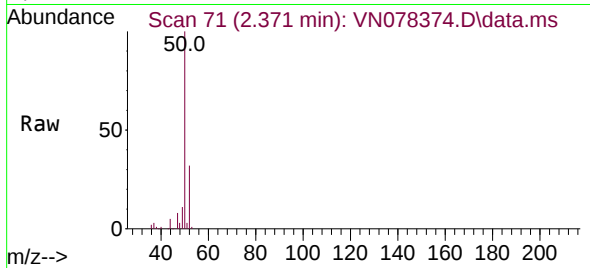
Tgt Ion: 85 Resp: 101975
Ion Ratio Lower Upper
85 100
87 32.5 16.4 49.4





#3
Chloromethane
Concen: 21.360 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

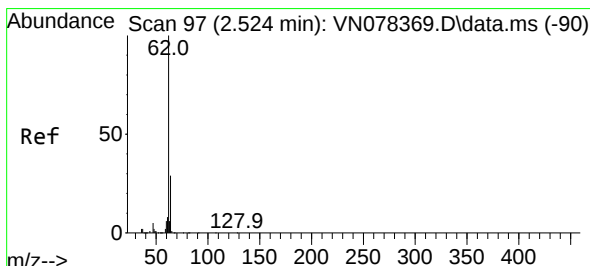
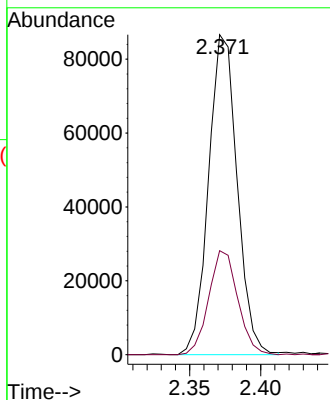
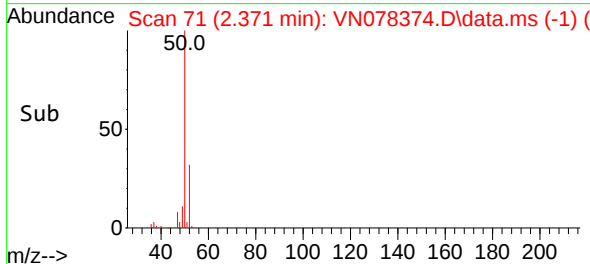
Instrument :
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Tgt Ion: 50 Resp: 12123
Ion Ratio Lower Upper
50 100
52 32.5 24.6 36.8

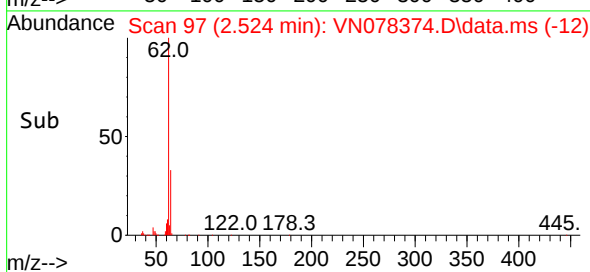
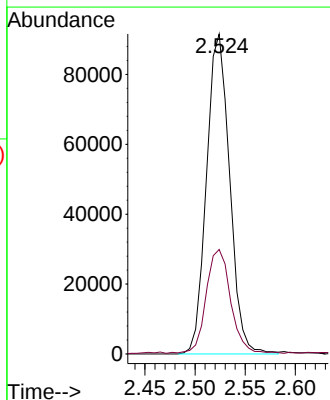
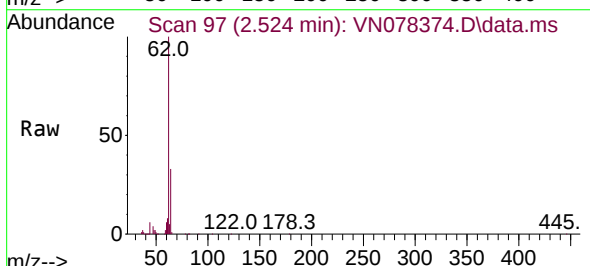
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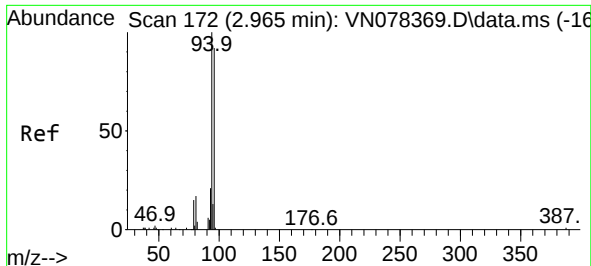
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#4
Vinyl Chloride
Concen: 21.087 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

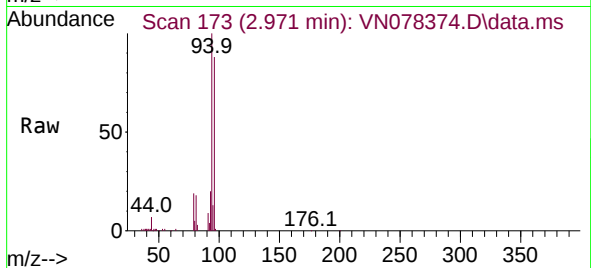
Tgt Ion: 62 Resp: 147230
Ion Ratio Lower Upper
62 100
64 32.3 23.3 34.9





#5
Bromomethane
Concen: 18.695 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

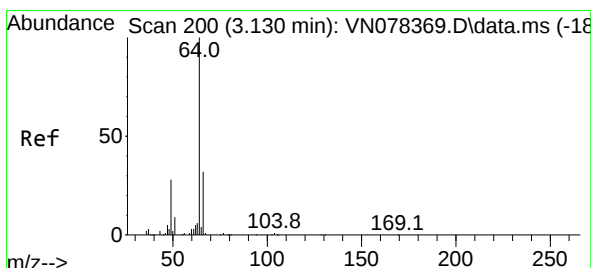
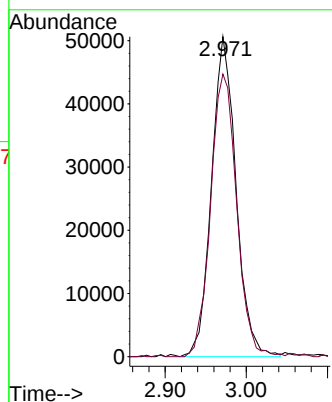
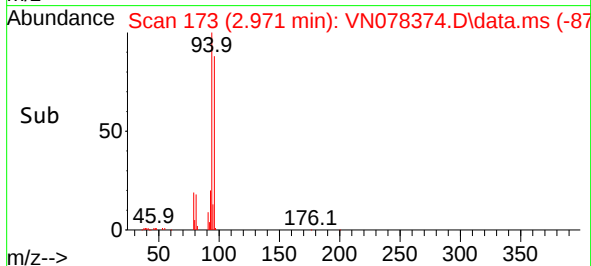
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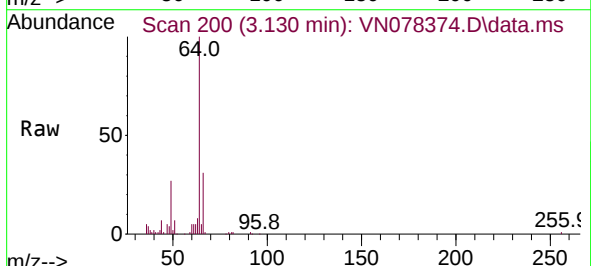
Tgt Ion: 94 Resp: 106112
Ion Ratio Lower Upper
94 100
96 88.3 73.9 110.9

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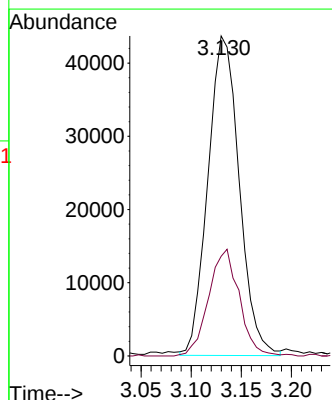
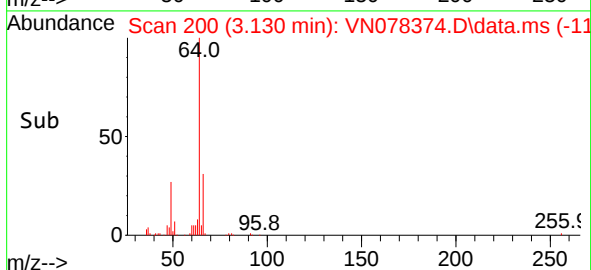
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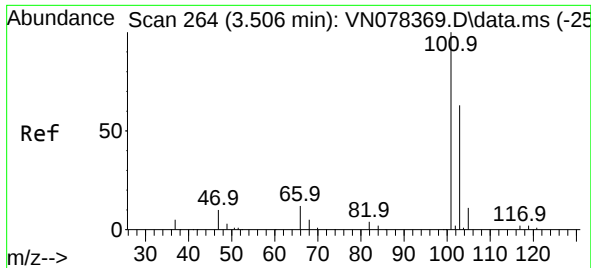


#6
Chloroethane
Concen: 19.113 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.000 min
Lab File: VN078374.D
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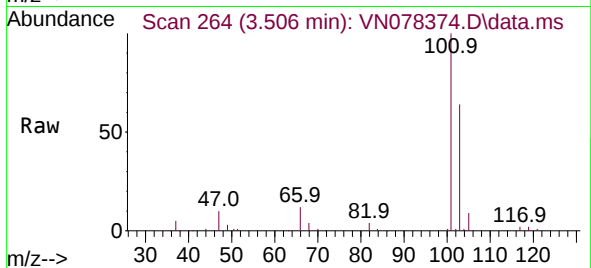
Tgt Ion: 64 Resp: 95050
Ion Ratio Lower Upper
64 100
66 31.2 25.7 38.5





#7
Trichlorofluoromethane
Concen: 20.963 ug/l
RT: 3.506 min Scan# 264
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

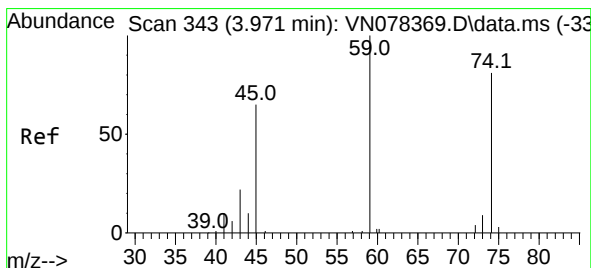
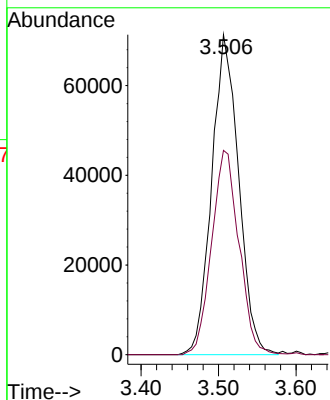
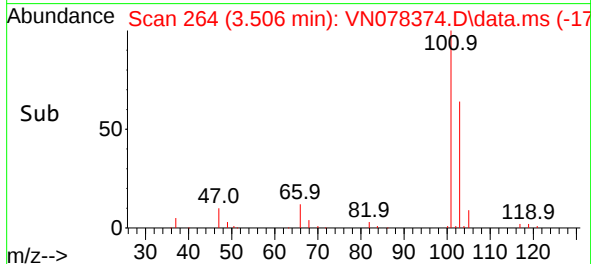
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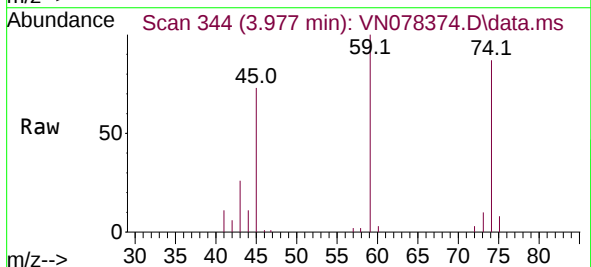
Tgt Ion:101 Resp: 172264
Ion Ratio Lower Upper
101 100
103 63.8 50.4 75.6

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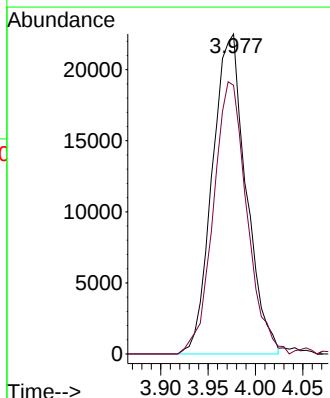
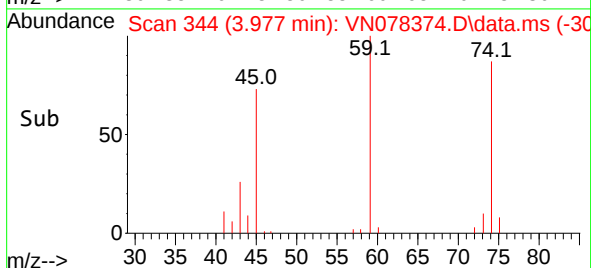
Reviewed By :John Carlone 06/24/2023
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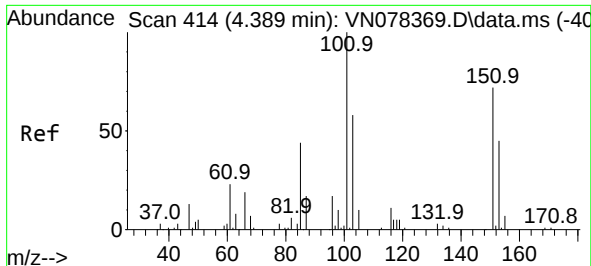


#8
Diethyl Ether
Concen: 20.386 ug/l
RT: 3.977 min Scan# 344
Delta R.T. 0.006 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21



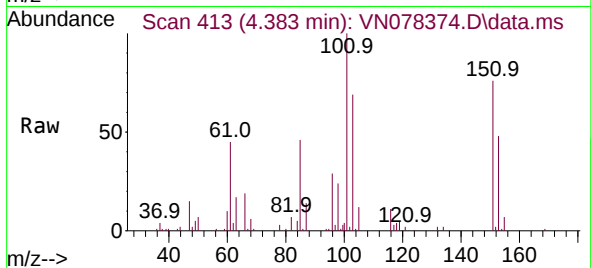
Tgt Ion: 74 Resp: 55919
Ion Ratio Lower Upper
74 100
45 84.3 16.3 146.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.613 ug/l
RT: 4.383 min Scan# 414
Delta R.T. -0.006 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

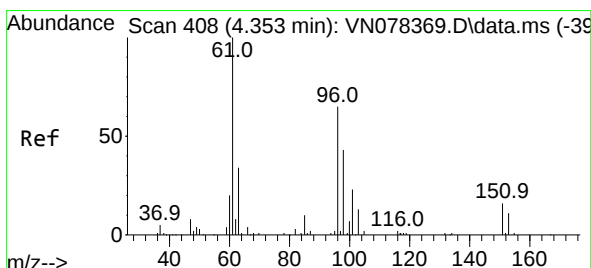
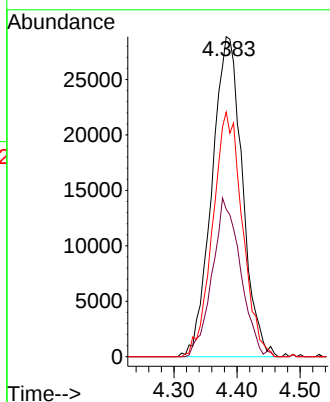
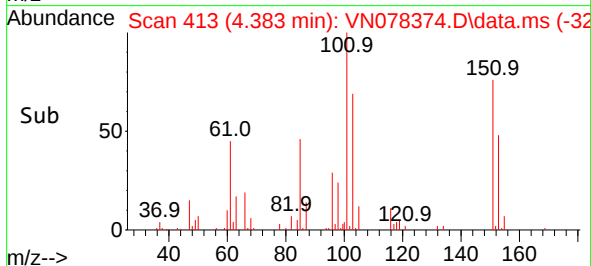
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



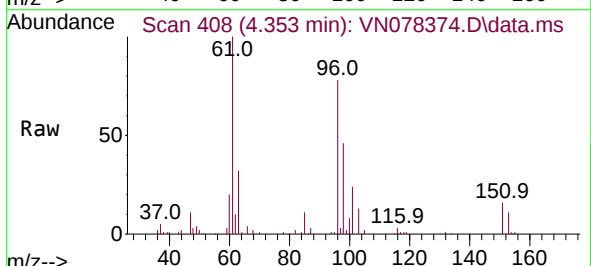
Tgt Ion:101 Resp: 9652
Ion Ratio Lower Upper
101 100
85 45.7 0.0 89.2
151 74.6 0.0 148.8

Manual Integrations
APPROVED

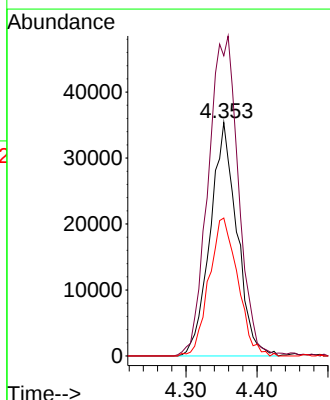
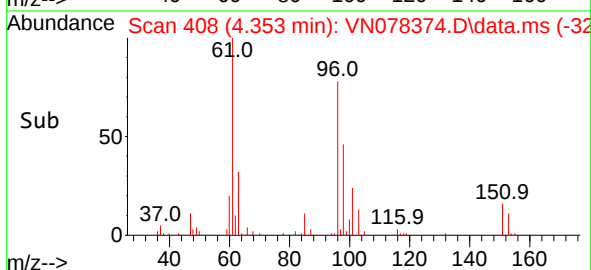
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

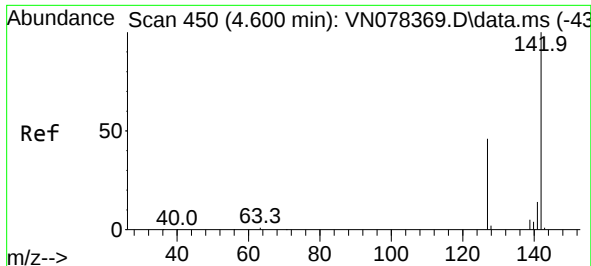


#10
1,1-Dichloroethene
Concen: 21.150 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21



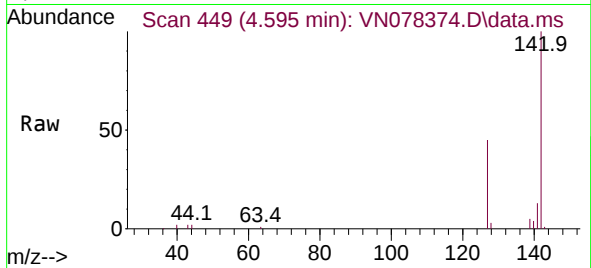
Tgt Ion: 96 Resp: 92636
Ion Ratio Lower Upper
96 100
61 128.1 123.4 185.2
98 59.1 53.7 80.5





#11
Methyl Iodide
Concen: 20.674 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

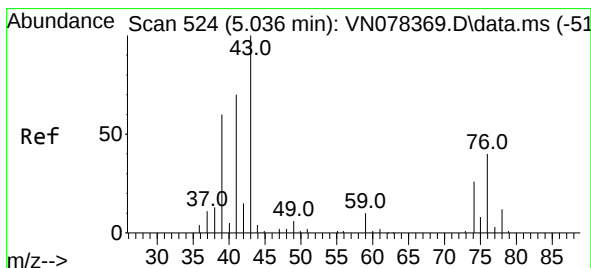
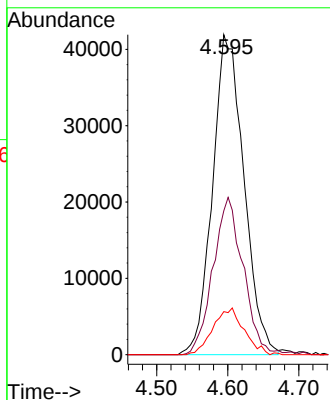
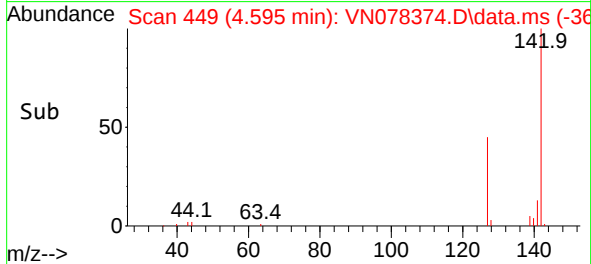
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



Tgt Ion:142 Resp: 128285
Ion Ratio Lower Upper
142 100
127 44.6 23.2 69.5
141 13.3 7.2 21.7

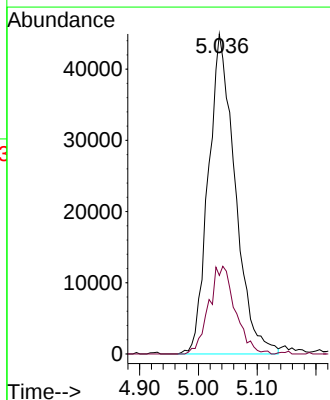
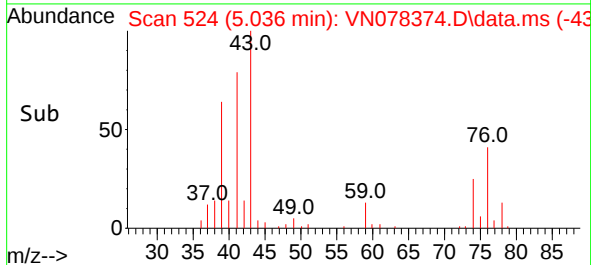
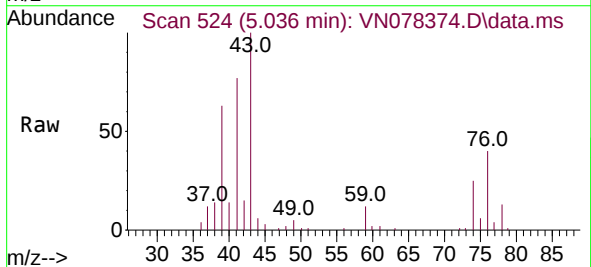
Manual Integrations
APPROVED

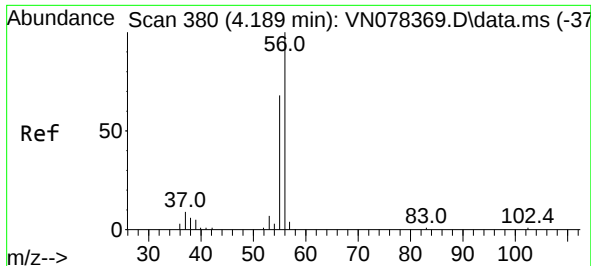
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#12
Methyl Acetate
Concen: 20.875 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

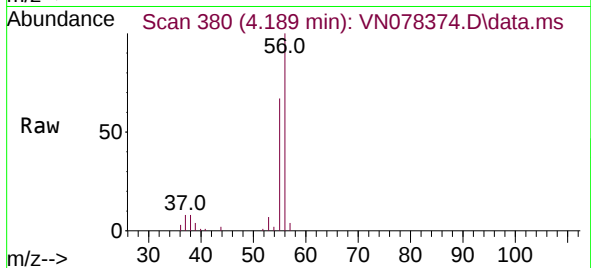
Tgt Ion: 43 Resp: 141847
Ion Ratio Lower Upper
43 100
74 24.7 20.5 30.7





#13
Acrolein
Concen: 98.304 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

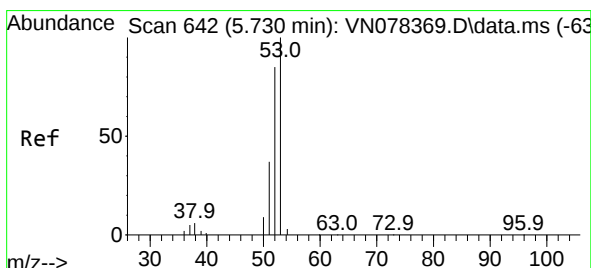
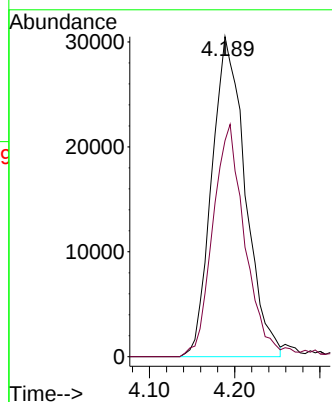
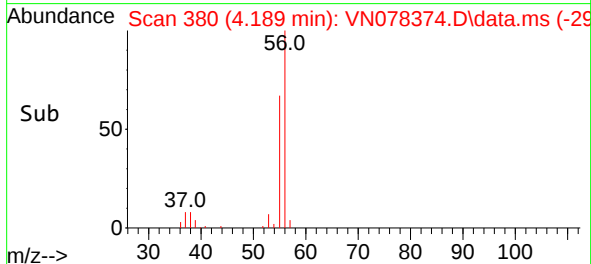
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



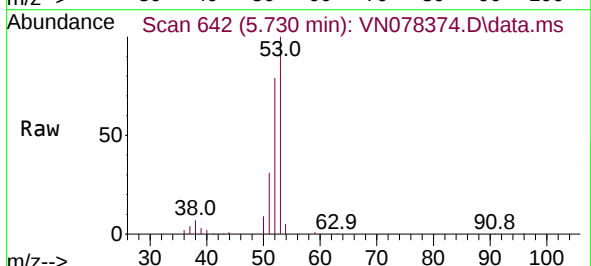
Tgt Ion: 56 Resp: 83640
Ion Ratio Lower Upper
56 100
55 68.8 59.0 88.4

Manual Integrations
APPROVED

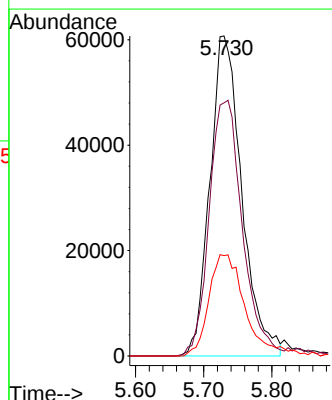
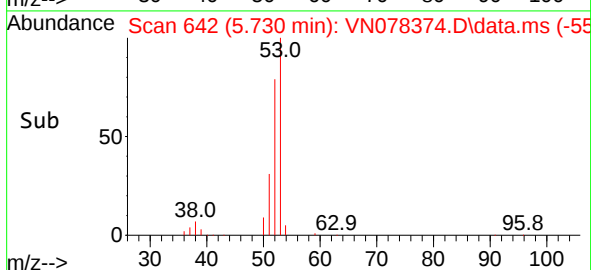
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

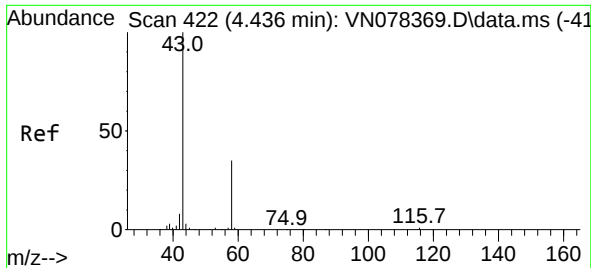


#14
Acrylonitrile
Concen: 107.423 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21



Tgt Ion: 53 Resp: 197738
Ion Ratio Lower Upper
53 100
52 82.9 42.3 126.9
51 35.5 18.4 55.4





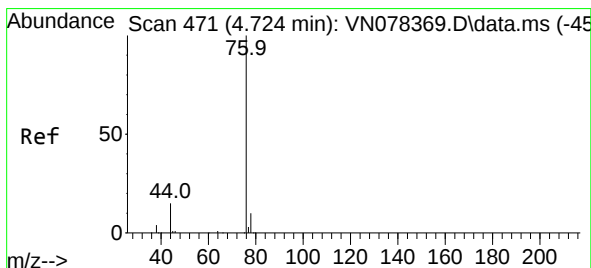
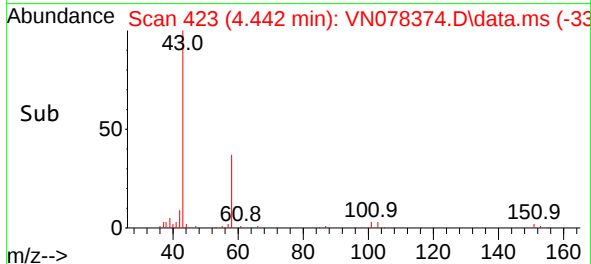
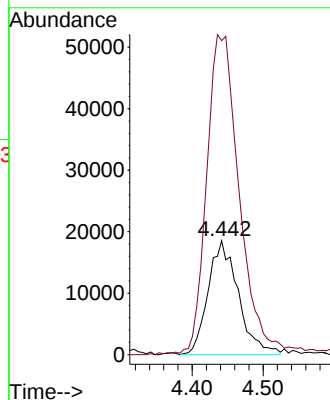
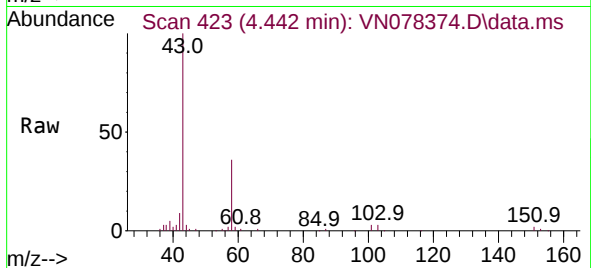
#15
Acetone
Concen: 104.441 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01

Tgt Ion: 58 Resp: 54820
Ion Ratio Lower Upper
58 100
43 274.4 227.5 341.3

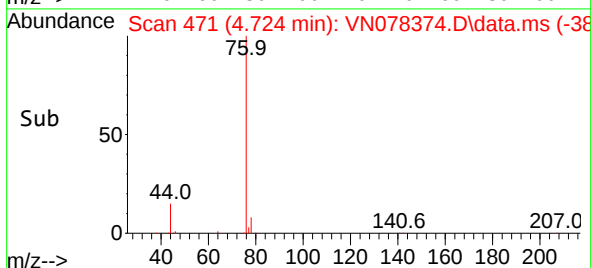
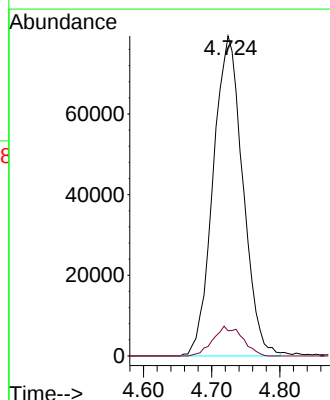
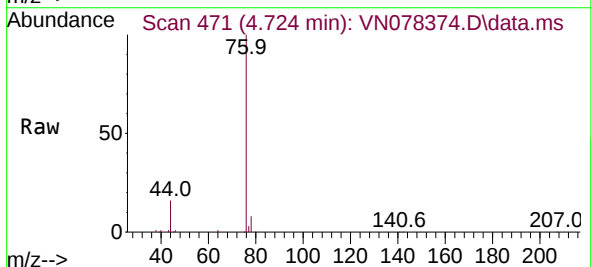
Manual Integrations
APPROVED

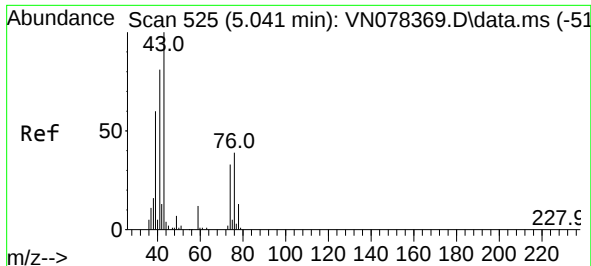
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#16
Carbon Disulfide
Concen: 20.080 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

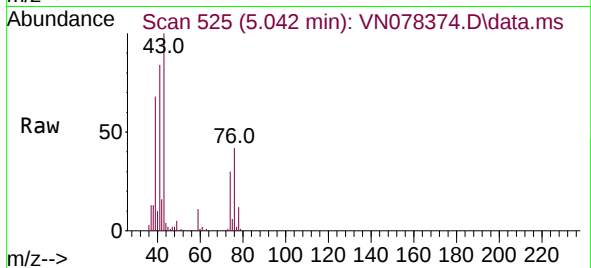
Tgt Ion: 76 Resp: 240330
Ion Ratio Lower Upper
76 100
78 7.9 7.7 11.5





#17
Allyl chloride
Concen: 20.121 ug/l
RT: 5.042 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

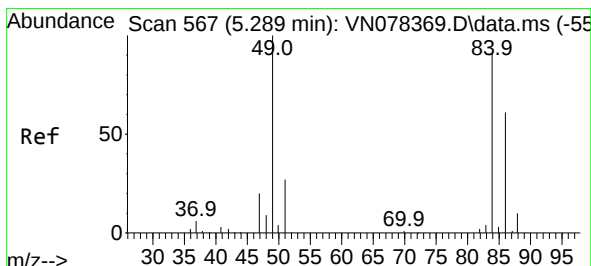
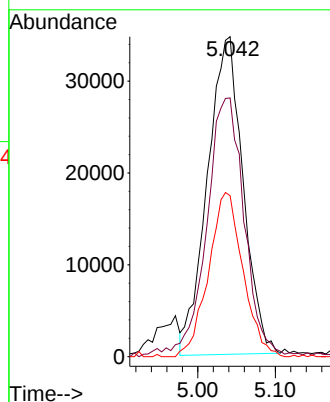
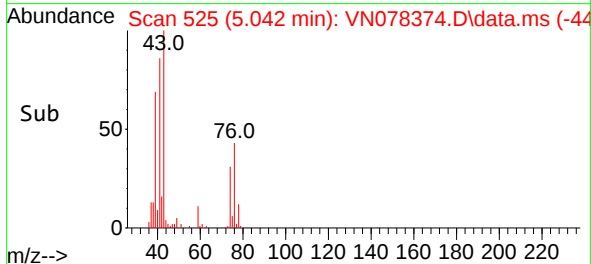
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



Tgt Ion: 41 Resp: 110530
Ion Ratio Lower Upper
41 100
39 80.1 37.6 112.8
76 50.4 23.8 71.4

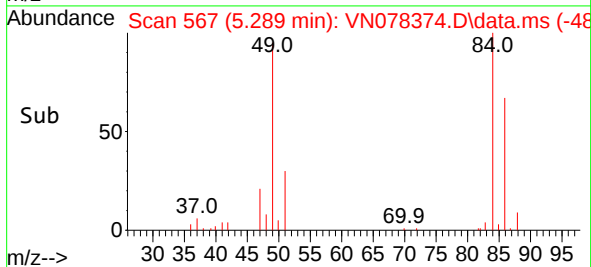
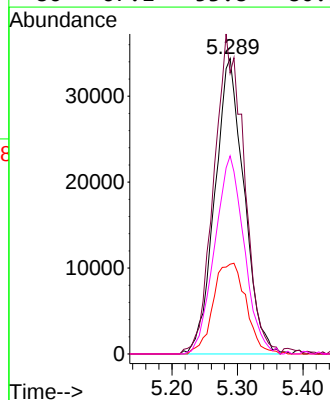
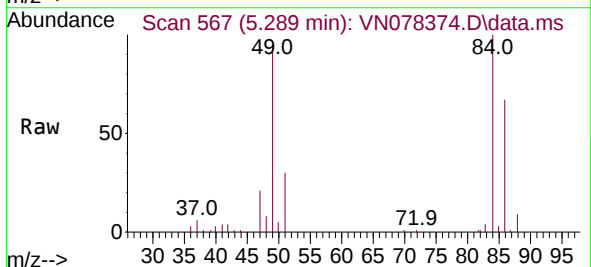
Manual Integrations
APPROVED

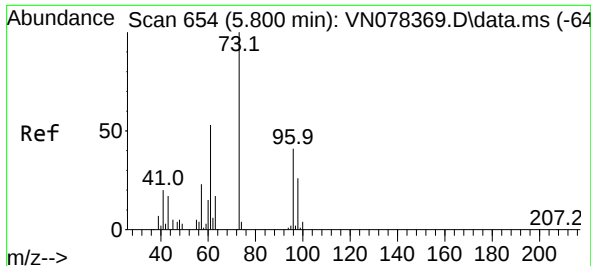
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#18
Methylene Chloride
Concen: 20.528 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

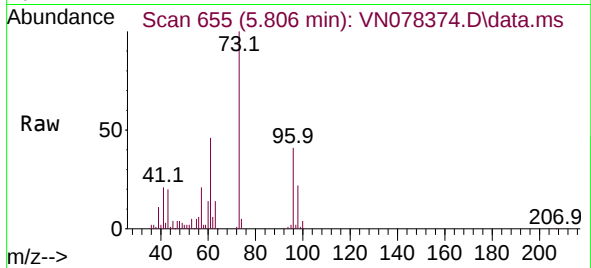
Tgt Ion: 84 Resp: 106542
Ion Ratio Lower Upper
84 100
49 95.0 88.1 132.1
51 30.4 24.0 36.0
86 67.1 53.8 80.8





#19
trans-1,2-Dichloroethene
Concen: 20.826 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

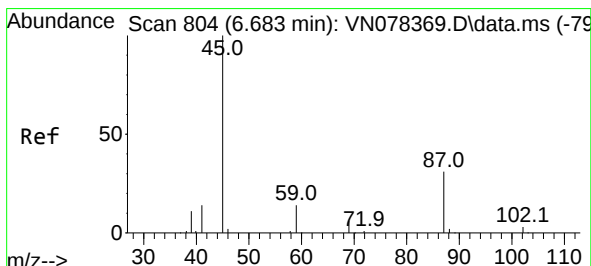
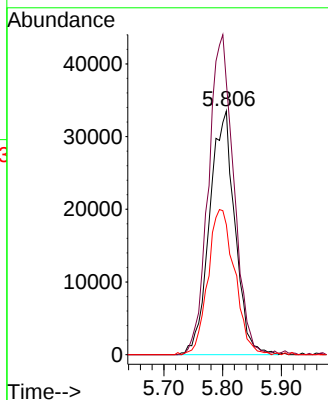
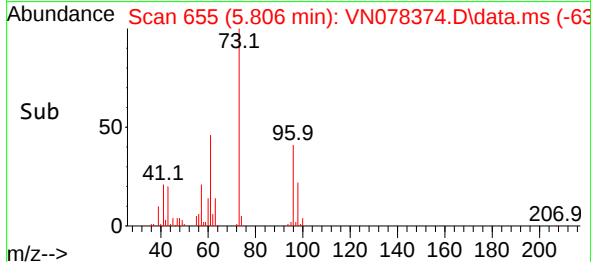
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



Tgt Ion: 96 Resp: 10066
Ion Ratio Lower Upper
96 100
61 111.7 105.2 157.8
98 52.7 50.5 75.7

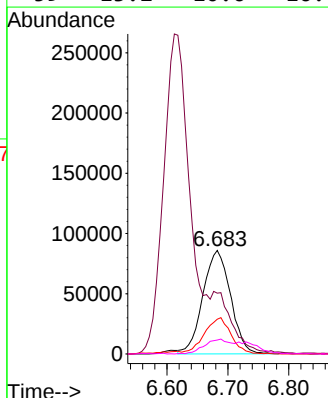
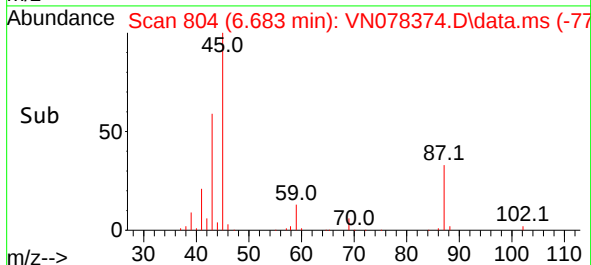
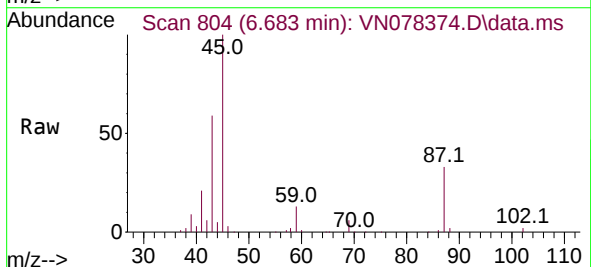
Manual Integrations
APPROVED

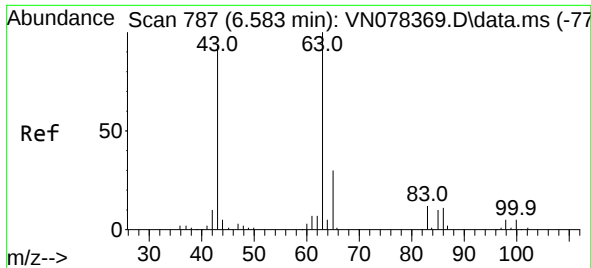
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#20
Diisopropyl ether
Concen: 20.567 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

Tgt Ion: 45 Resp: 271408
Ion Ratio Lower Upper
45 100
43 57.0 43.6 65.4
87 33.4 25.8 38.6
59 13.2 10.6 16.0





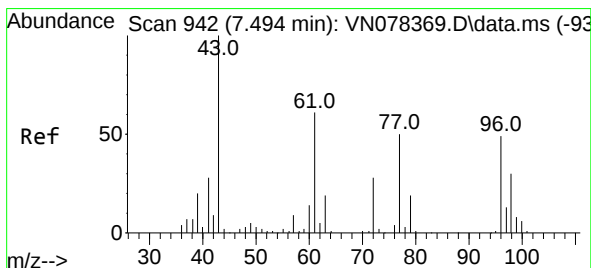
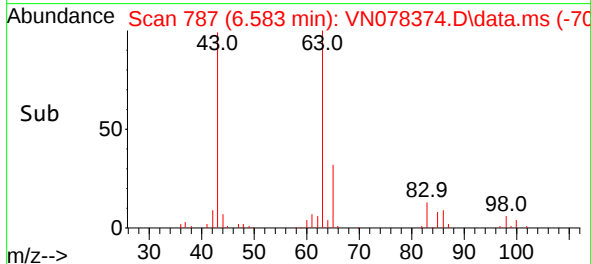
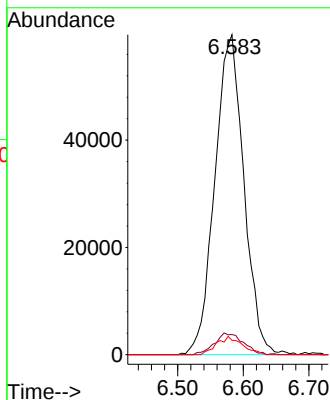
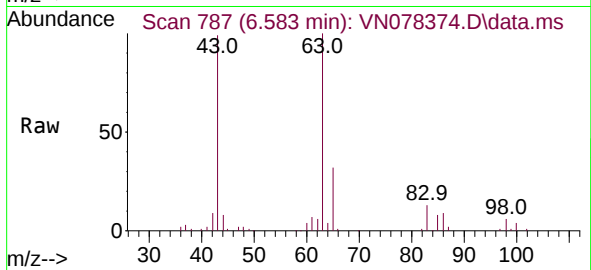
#21
1,1-Dichloroethane
Concen: 20.922 ug/l
RT: 6.583 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01

Tgt Ion: 63 Resp: 183129
Ion Ratio Lower Upper
63 100
98 6.3 2.7 8.1
100 4.5 2.5 7.4

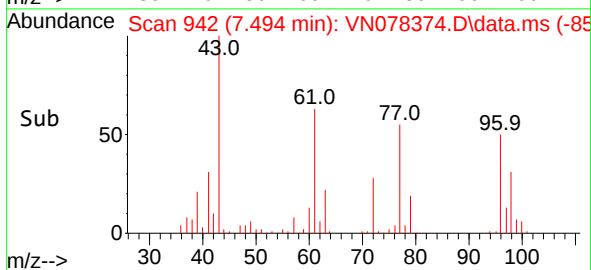
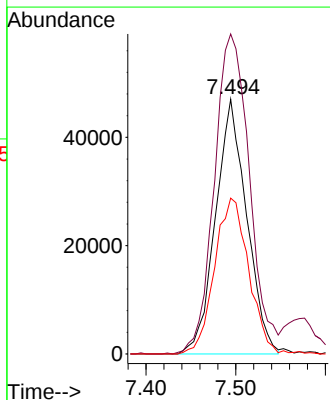
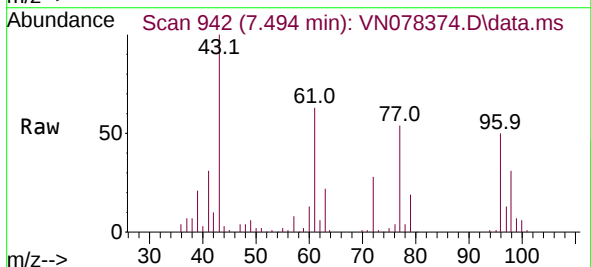
Manual Integrations
APPROVED

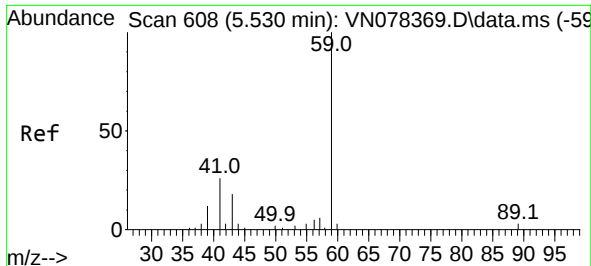
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#22
cis-1,2-Dichloroethene
Concen: 20.639 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

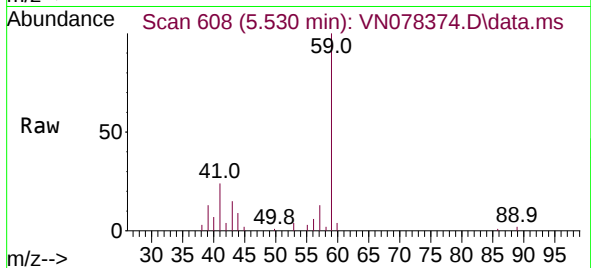
Tgt Ion: 96 Resp: 113491
Ion Ratio Lower Upper
96 100
61 141.5 113.8 170.6
98 66.6 52.2 78.4





#23
tert-Butyl Alcohol
Concen: 96.850 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

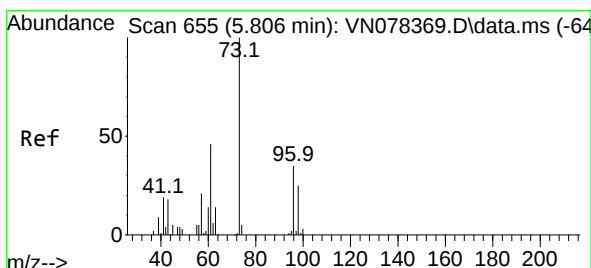
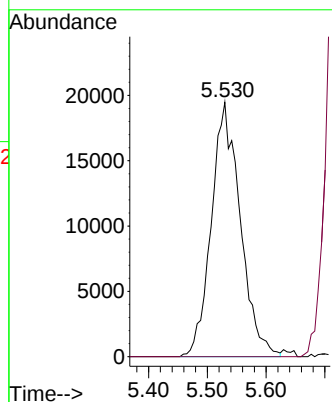
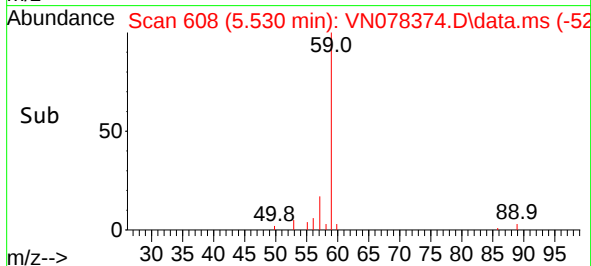
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



Tgt Ion: 59 Resp: 6659
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

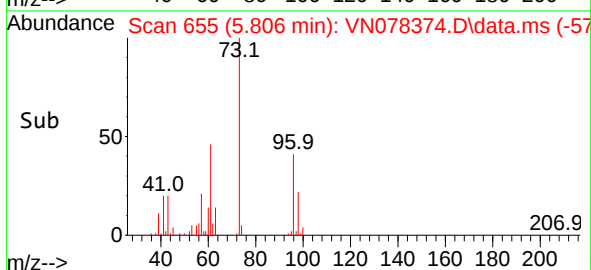
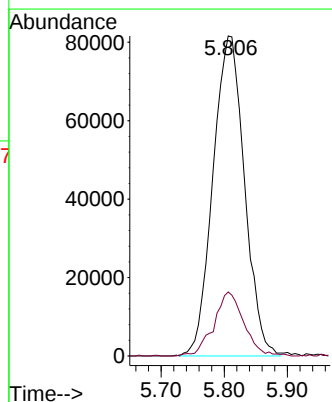
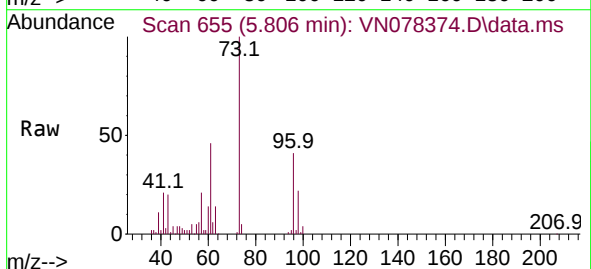
Manual Integrations
APPROVED

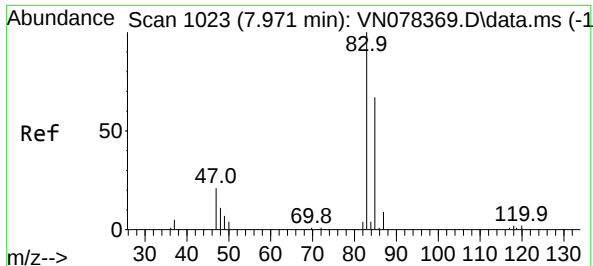
Reviewed By :John Carbone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#24
Methyl tert-Butyl Ether
Concen: 20.482 ug/l
RT: 5.806 min Scan# 655
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

Tgt Ion: 73 Resp: 282857
Ion Ratio Lower Upper
73 100
43 16.6 14.5 21.7





#25

Chloroform

Concen: 21.470 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN078374.D

Acq: 23 Jun 2023 13:21

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBS01

Tgt Ion: 83 Resp: 19860

Ion Ratio Lower Upper

83 100

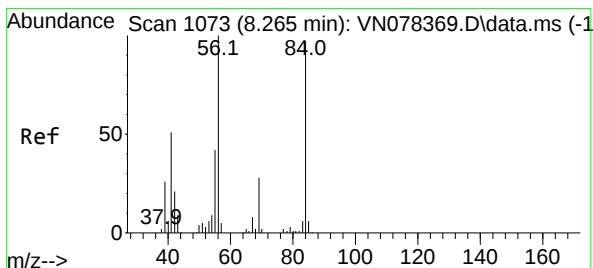
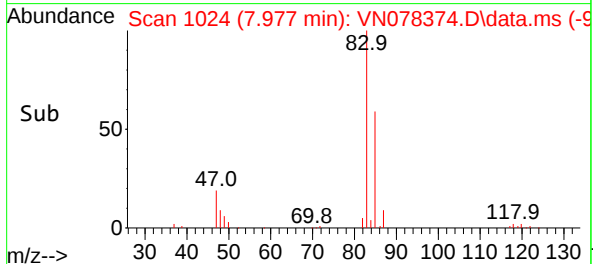
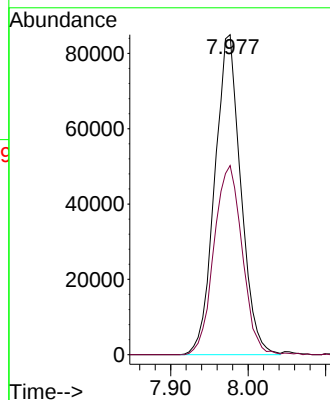
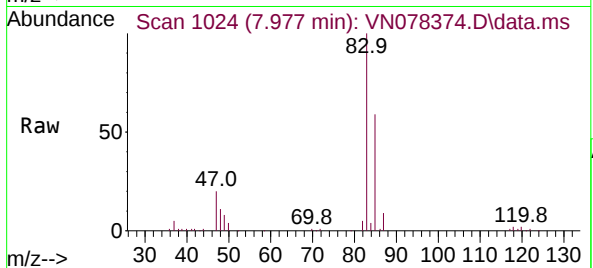
85 59.1 53.4 80.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#26

Cyclohexane

Concen: 21.036 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN078374.D

Acq: 23 Jun 2023 13:21

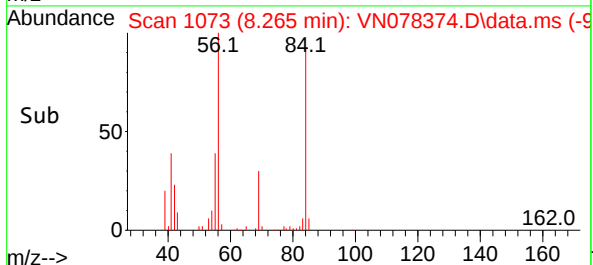
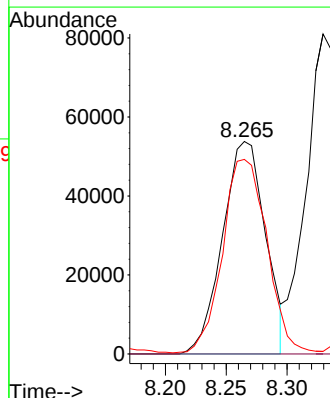
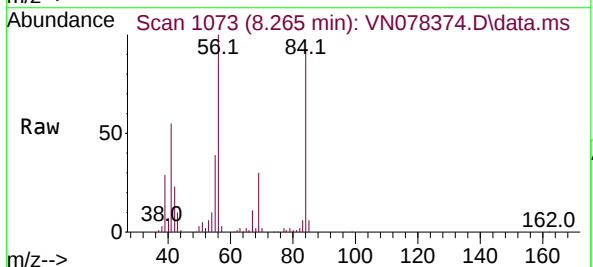
Tgt Ion: 56 Resp: 131776

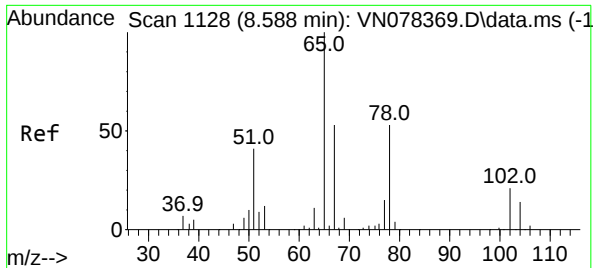
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 95.6 74.2 111.4





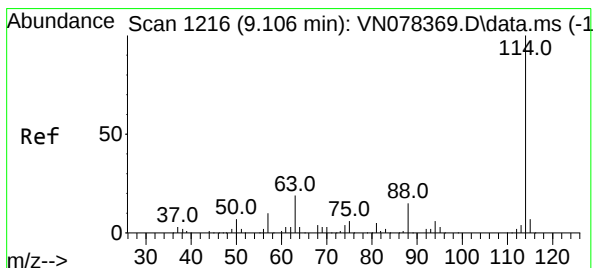
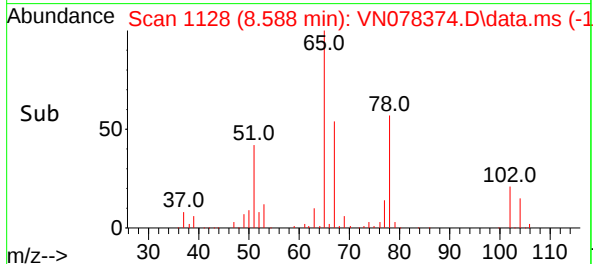
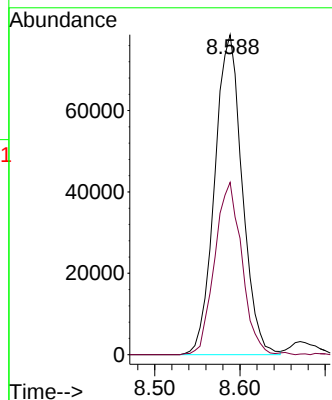
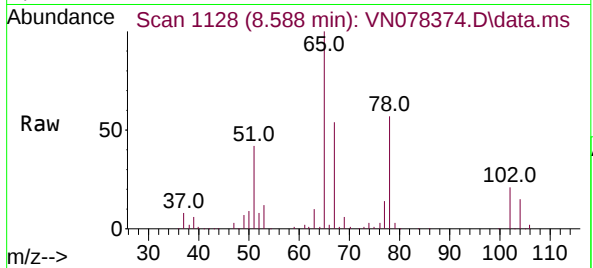
#27
1,2-Dichloroethane-d4
Concen: 30.216 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01

Tgt Ion: 65 Resp: 176814
Ion Ratio Lower Upper
65 100
67 52.9 42.9 64.3

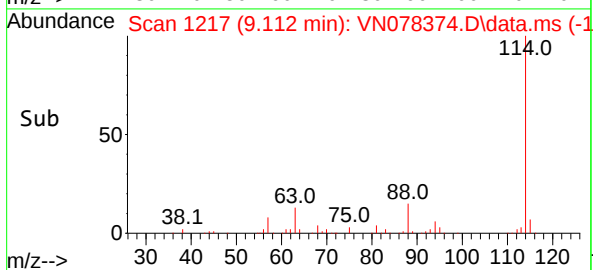
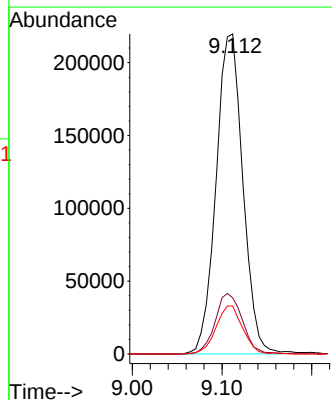
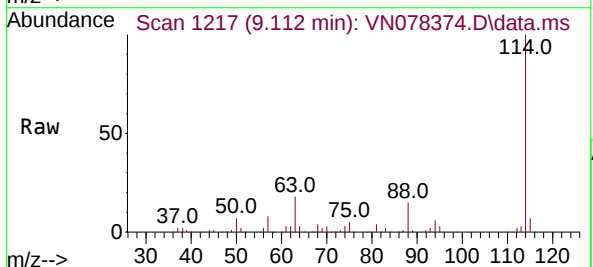
Manual Integrations
APPROVED

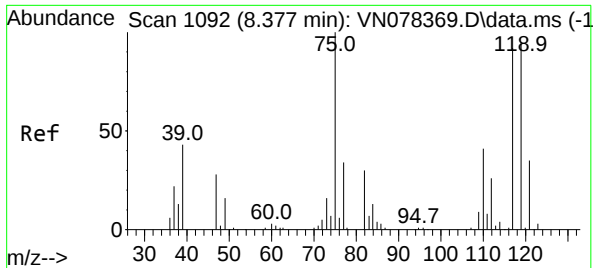
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

Tgt Ion:114 Resp: 455484
Ion Ratio Lower Upper
114 100
63 19.1 15.2 22.8
88 14.9 12.5 18.7





#29

1,1-Dichloropropene

Concen: 20.108 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN078374.D

Acq: 23 Jun 2023 13:21

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBS01

Tgt Ion: 75 Resp: 141980

Ion Ratio Lower Upper

75 100

110 37.3 0.0 72.2

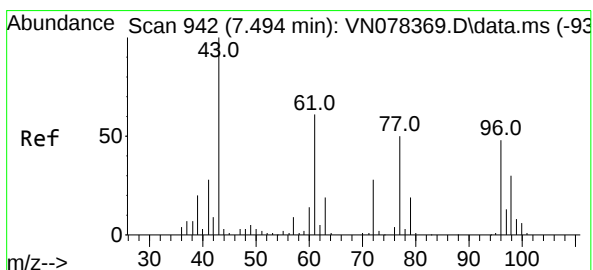
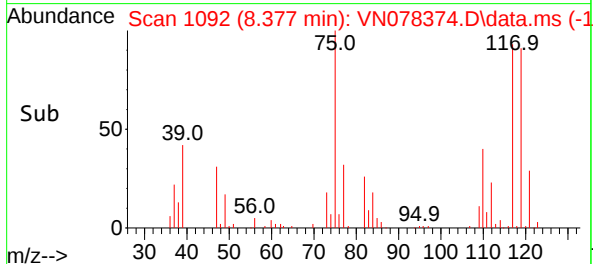
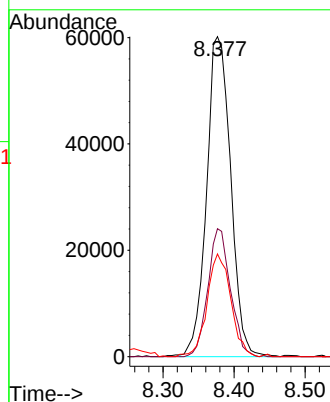
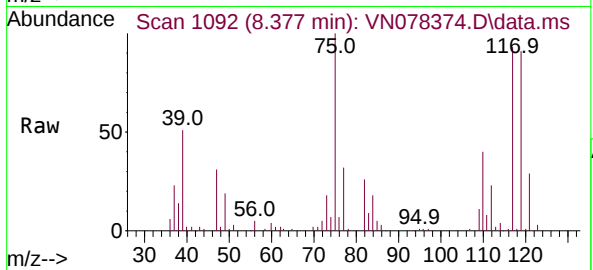
77 31.7 0.0 62.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#30

2-Butanone

Concen: 98.851 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN078374.D

Acq: 23 Jun 2023 13:21

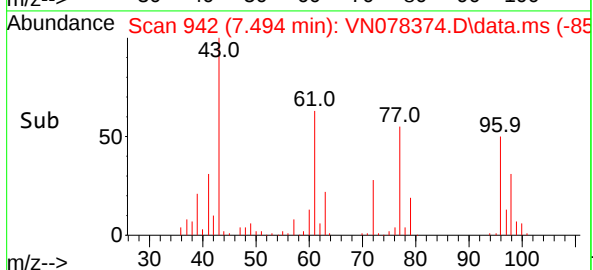
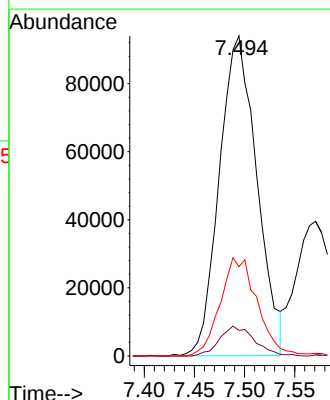
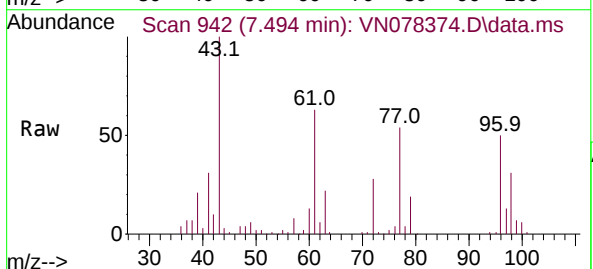
Tgt Ion: 43 Resp: 244646

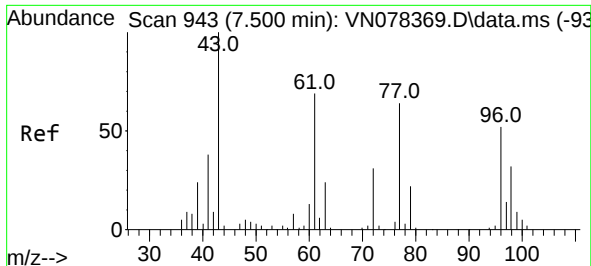
Ion Ratio Lower Upper

43 100

57 8.6 6.8 10.2

72 30.4 23.8 35.6





#31

2,2-Dichloropropane

Concen: 20.363 ug/l

RT: 7.500 min Scan# 943

Delta R.T. 0.000 min

Lab File: VN078374.D

Acq: 23 Jun 2023 13:21

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBS01

Tgt Ion: 77 Resp: 15372

Ion Ratio Lower Upper

77 100

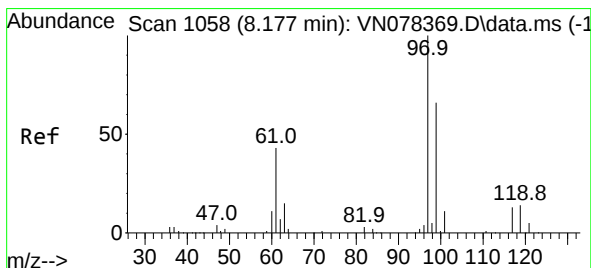
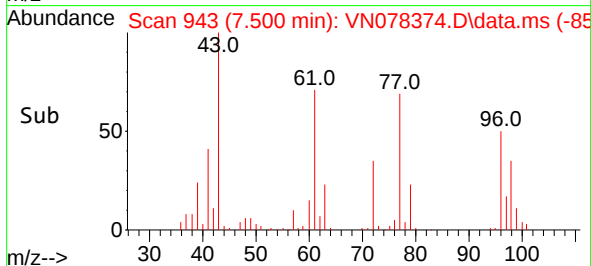
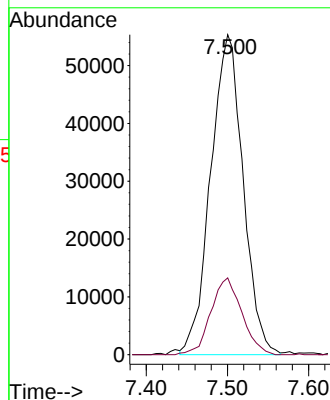
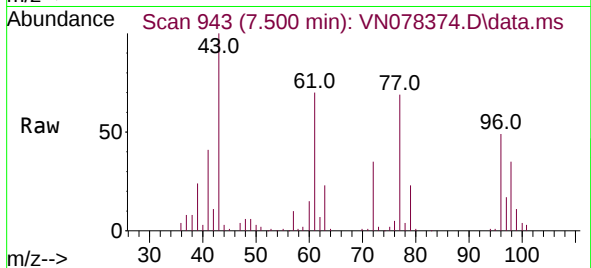
97 22.9 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#32

1,1,1-Trichloroethane

Concen: 20.011 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078374.D

Acq: 23 Jun 2023 13:21

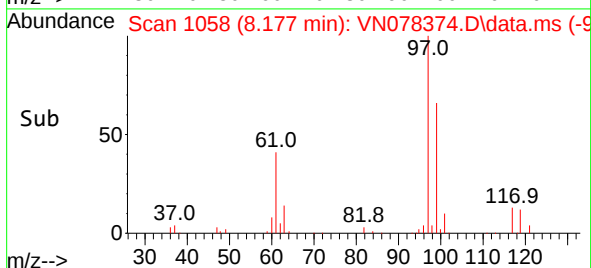
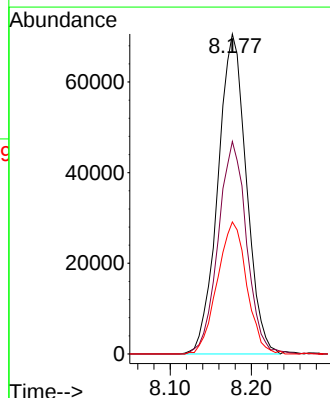
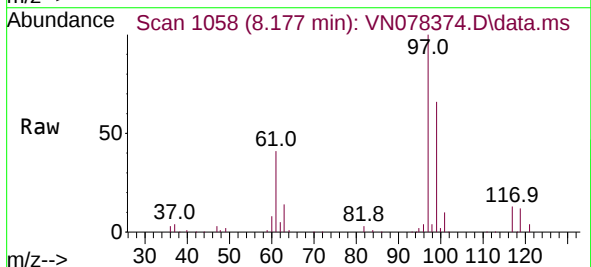
Tgt Ion: 97 Resp: 172165

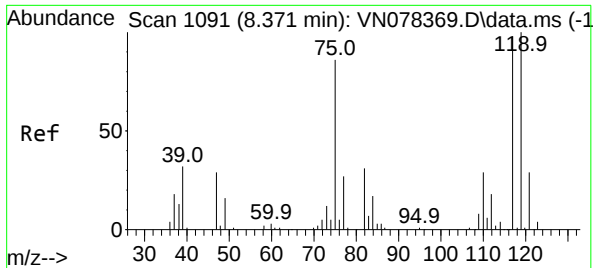
Ion Ratio Lower Upper

97 100

99 66.1 51.3 76.9

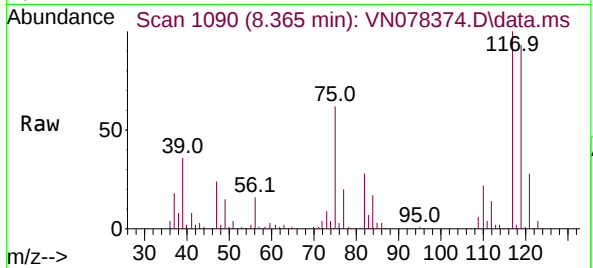
61 42.5 34.6 52.0





#33
Carbon Tetrachloride
Concen: 20.089 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

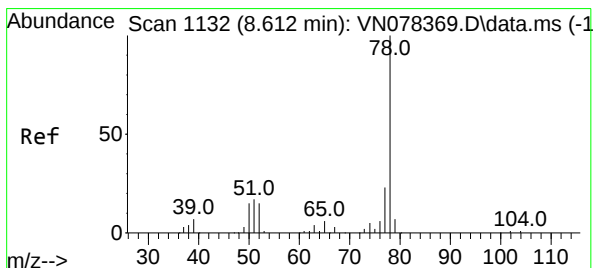
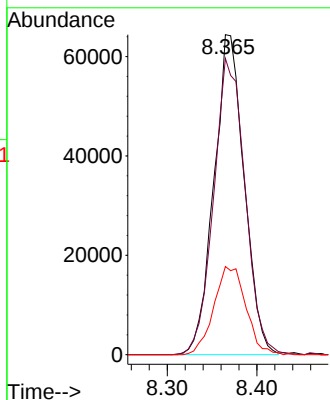
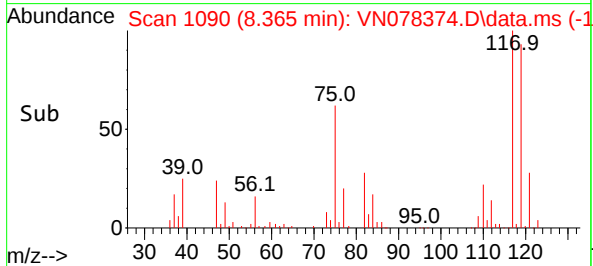
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



Tgt Ion:117 Resp: 150698
Ion Ratio Lower Upper
117 100
119 92.3 81.4 122.0
121 27.6 23.6 35.4

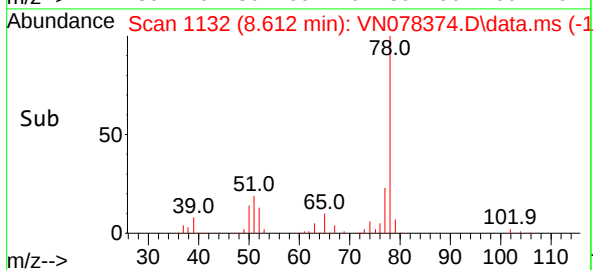
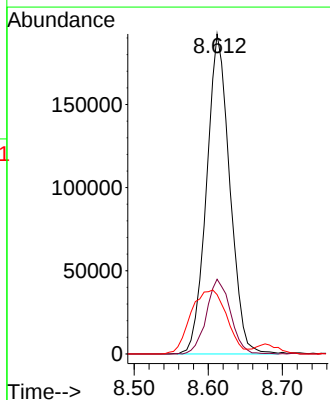
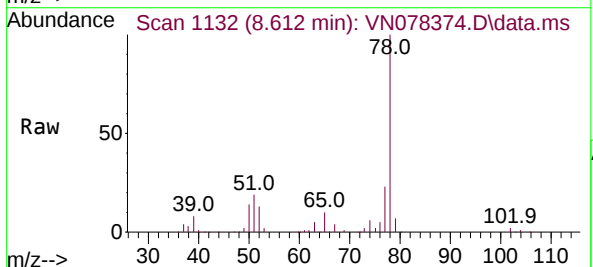
Manual Integrations
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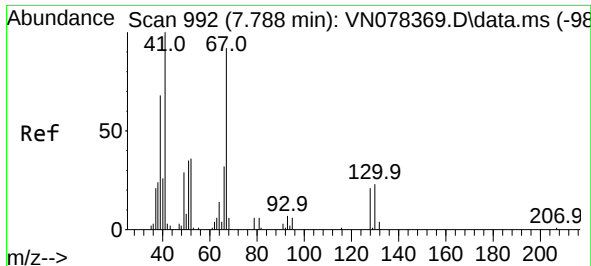
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#34
Benzene
Concen: 19.882 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

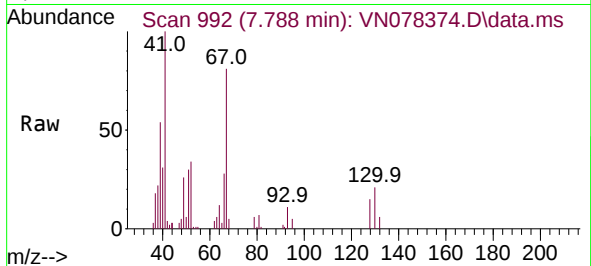
Tgt Ion: 78 Resp: 418618
Ion Ratio Lower Upper
78 100
77 23.4 18.3 27.5
51 16.5 13.7 20.5





#35
Methacrylonitrile
Concen: 21.355 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

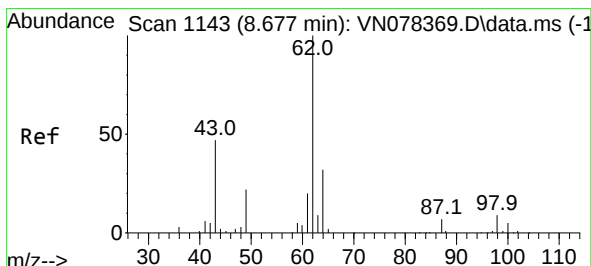
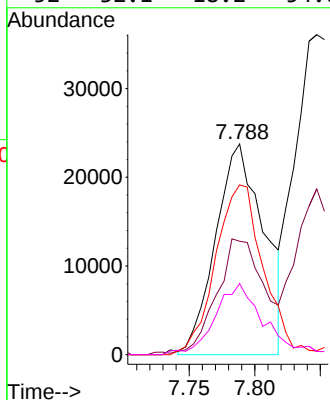
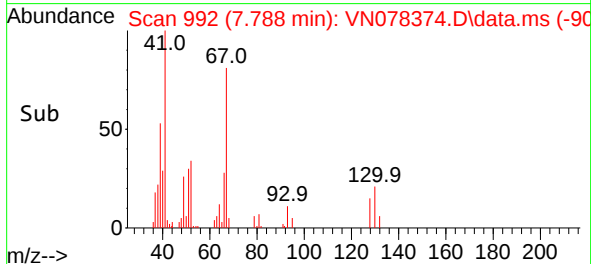
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



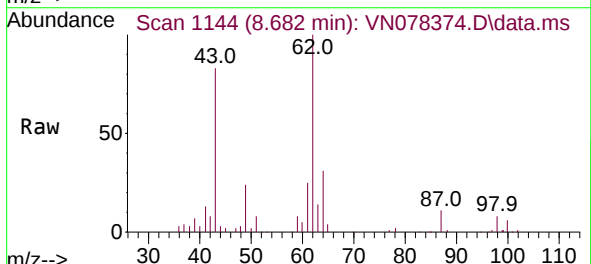
Tgt Ion: 41 Resp: 6059
Ion Ratio Lower Upper
41 100
39 53.1 33.9 101.6
67 80.0 45.9 137.6
52 32.1 18.2 54.6

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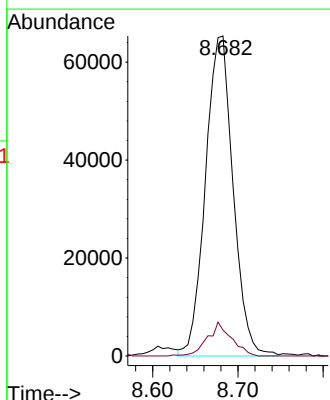
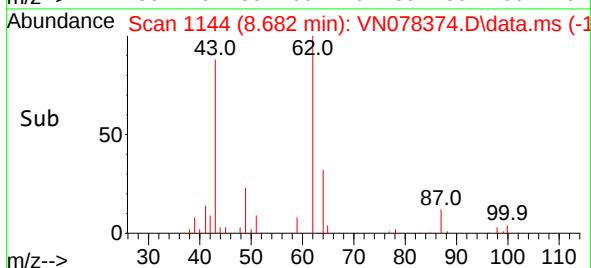
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

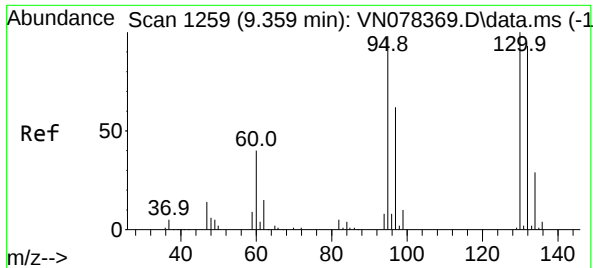


#36
1,2-Dichloroethane
Concen: 20.514 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21



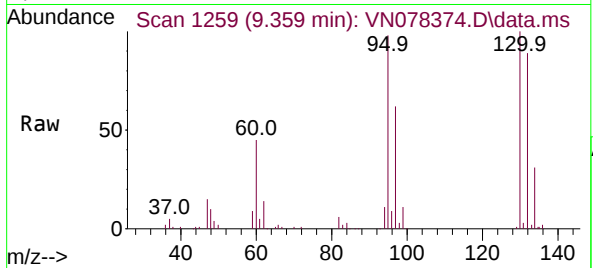
Tgt Ion: 62 Resp: 147267
Ion Ratio Lower Upper
62 100
98 9.1 7.4 11.0





#37
Trichloroethene
Concen: 20.377 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

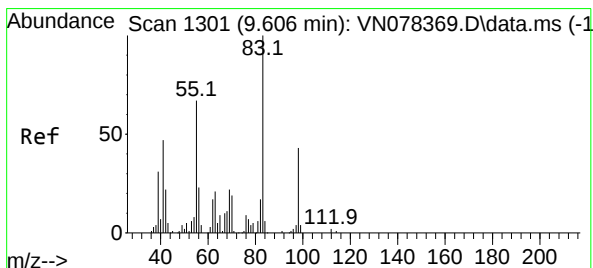
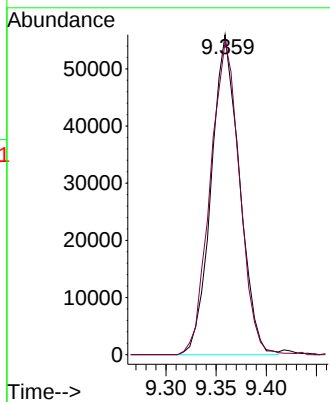
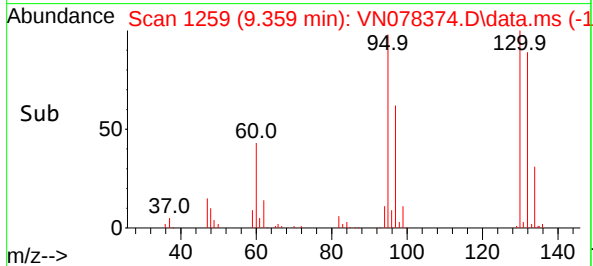
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



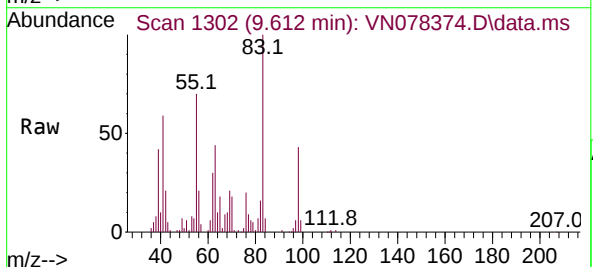
Tgt Ion:130 Resp: 109618
Ion Ratio Lower Upper
130 100
95 97.8 78.2 117.4

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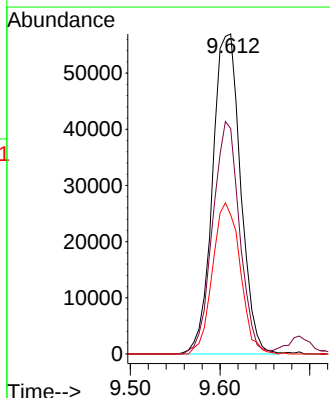
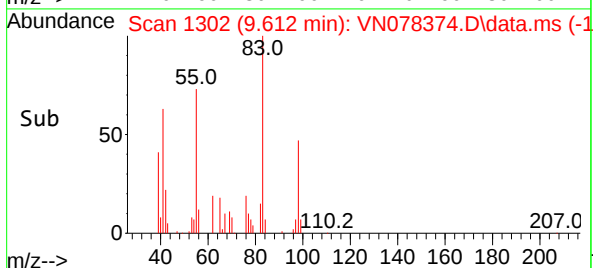
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

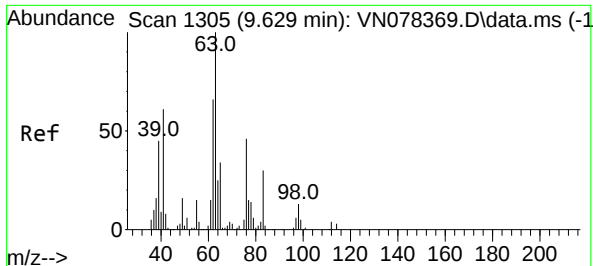


#38
Methylcyclohexane
Concen: 19.900 ug/l
RT: 9.612 min Scan# 1302
Delta R.T. 0.006 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21



Tgt Ion: 83 Resp: 123450
Ion Ratio Lower Upper
83 100
55 69.8 34.0 102.0
98 46.7 23.0 69.0





#39

1,2-Dichloropropane

Concen: 20.054 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN078374.D

Acq: 23 Jun 2023 13:21

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBS01

Tgt Ion: 63 Resp: 105769

Ion Ratio Lower Upper

63 100

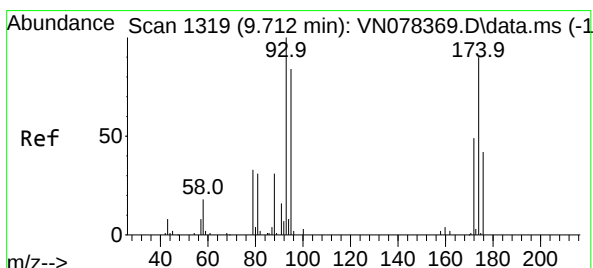
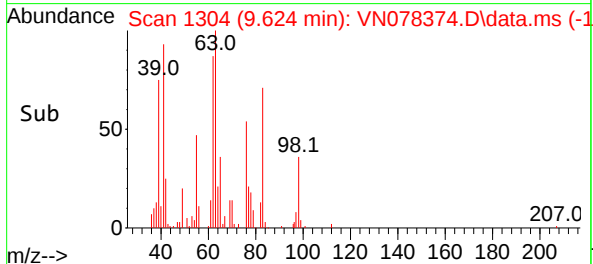
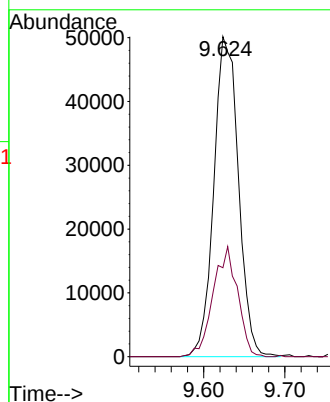
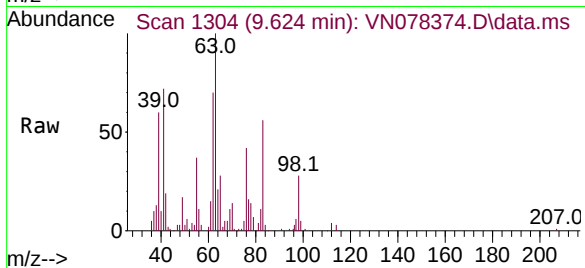
65 27.8 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#40

Dibromomethane

Concen: 19.455 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN078374.D

Acq: 23 Jun 2023 13:21

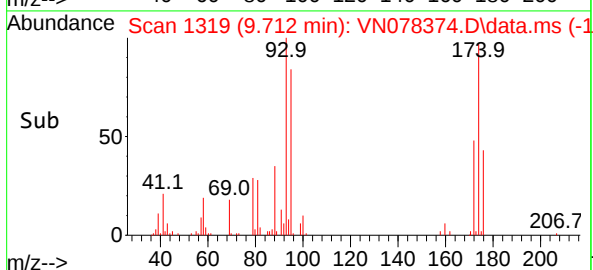
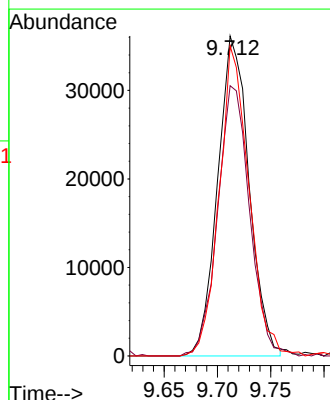
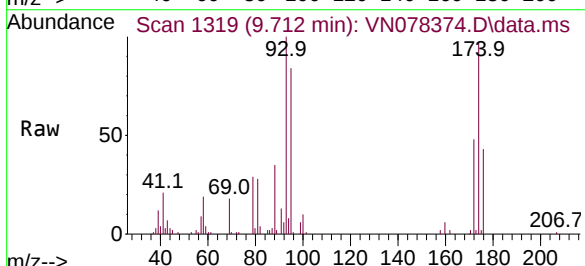
Tgt Ion: 93 Resp: 74047

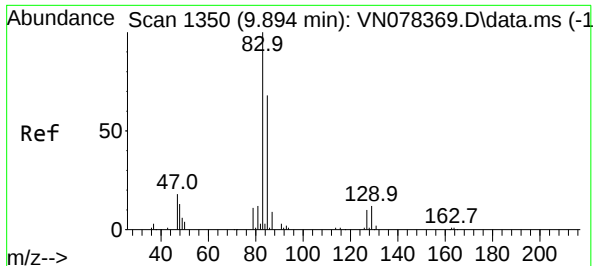
Ion Ratio Lower Upper

93 100

95 85.9 0.0 167.8

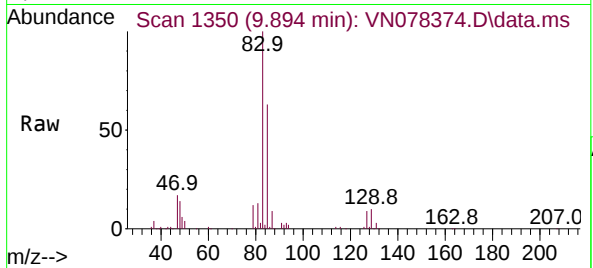
174 91.5 0.0 180.8





#41
Bromodichloromethane
Concen: 20.523 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

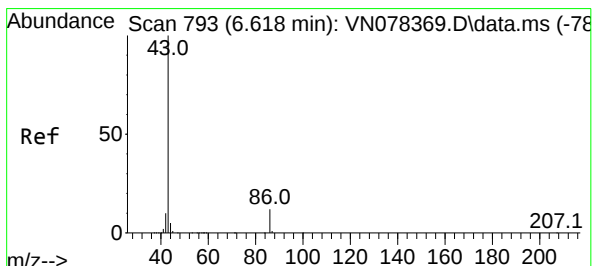
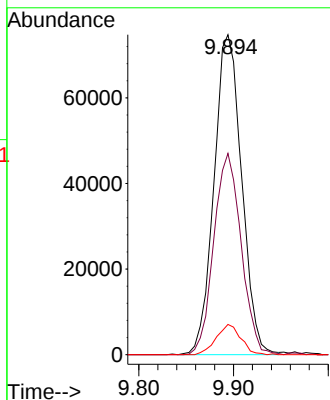
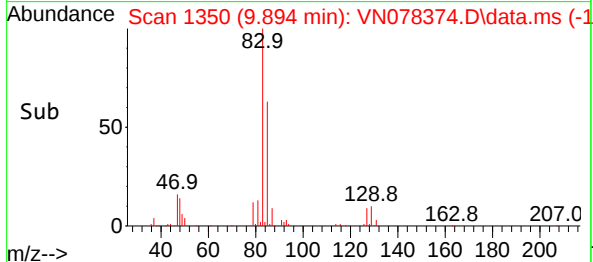
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



Tgt Ion: 83 Resp: 151740
Ion Ratio Lower Upper
83 100
85 62.9 54.1 81.1
127 9.4 7.8 11.6

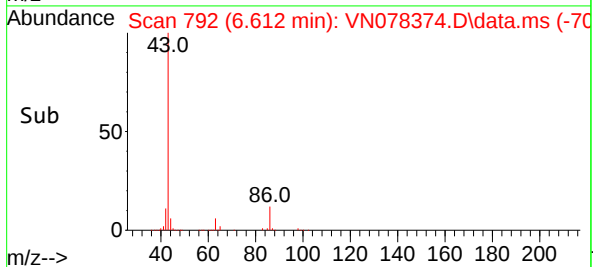
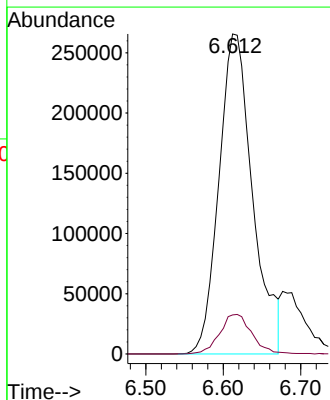
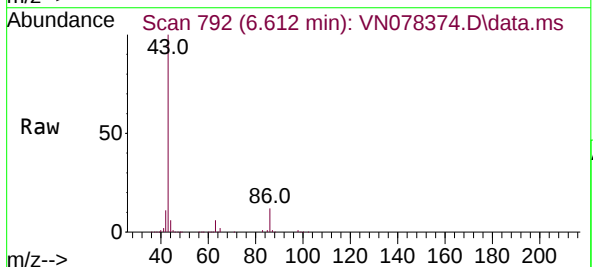
Manual Integrations
APPROVED

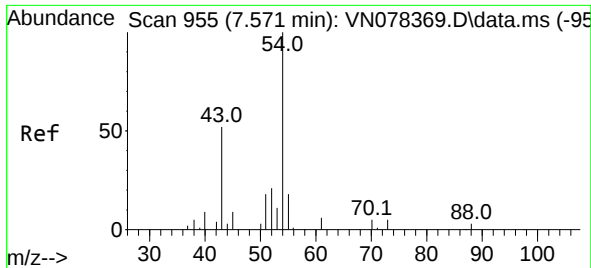
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#42
Vinyl Acetate
Concen: 102.180 ug/l
RT: 6.612 min Scan# 792
Delta R.T. -0.006 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

Tgt Ion: 43 Resp: 805587
Ion Ratio Lower Upper
43 100
86 11.7 9.4 14.0





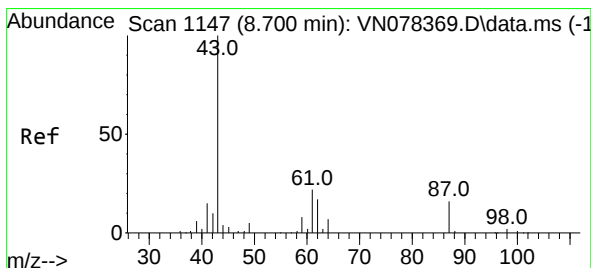
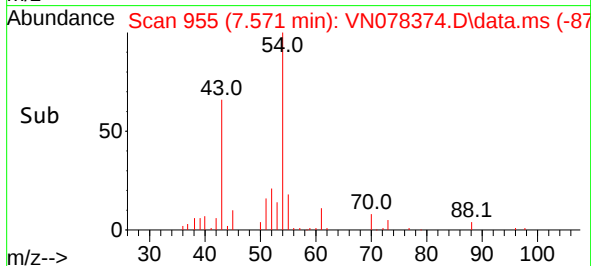
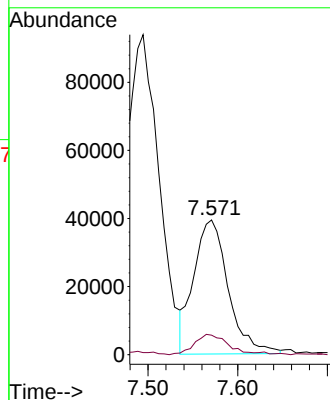
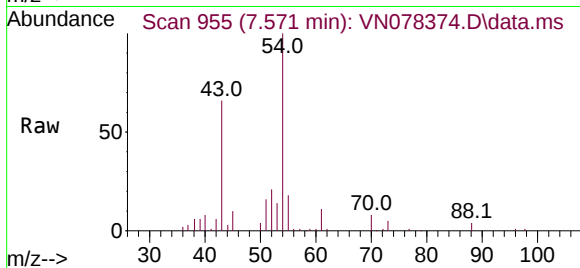
#43
Ethyl Acetate
Concen: 20.185 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01

Tgt Ion: 43 Resp: 10518
Ion Ratio Lower Upper
43 100
45 14.4 10.9 16.3

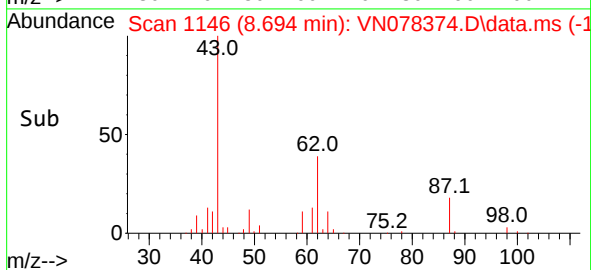
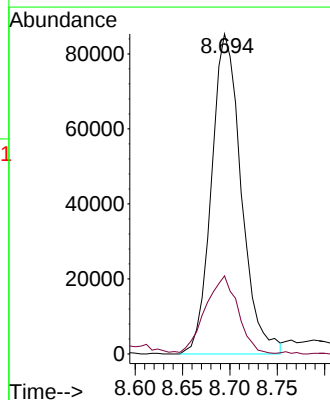
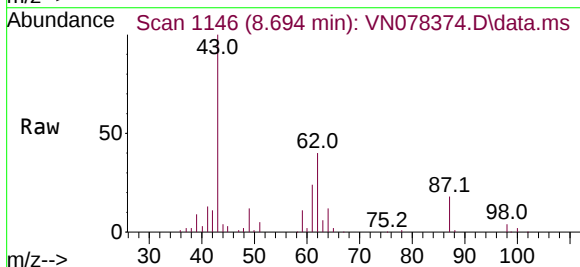
Manual Integrations
APPROVED

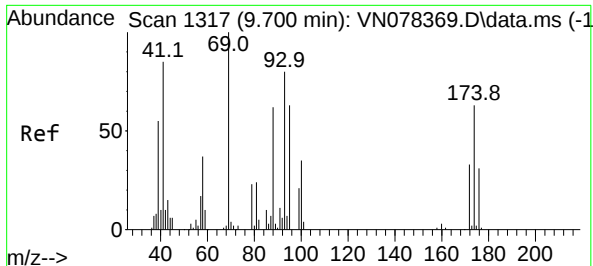
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#44
Isopropyl Acetate
Concen: 19.835 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.006 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

Tgt Ion: 43 Resp: 186689
Ion Ratio Lower Upper
43 100
61 26.8 23.0 34.6





#45

1,4-Dioxane

Concen: 401.435 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN078374.D

Acq: 23 Jun 2023 13:21

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBS01

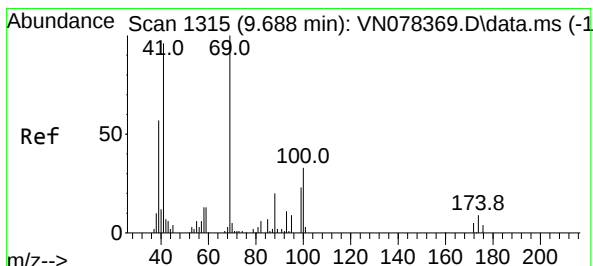
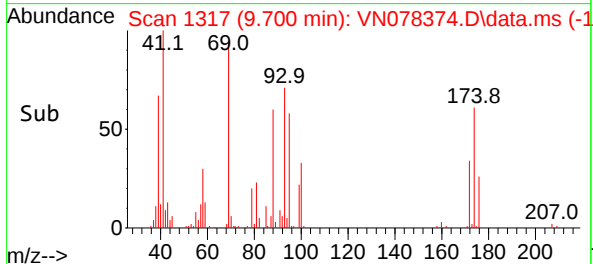
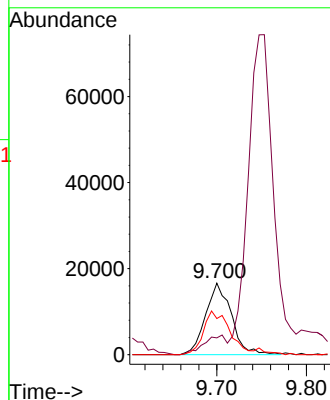
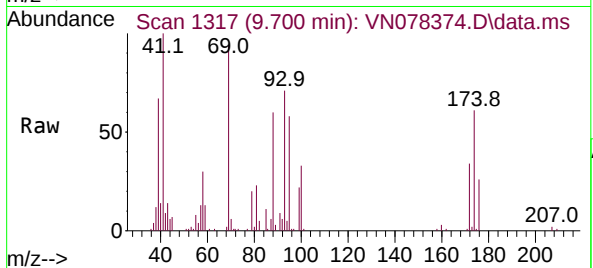
Tgt Ion:	88	Resp:	3333
Ion Ratio	Lower	Upper	
88	100		
43	23.8	19.0	28.6
58	62.1	48.2	72.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#46

Methyl methacrylate

Concen: 21.099 ug/l

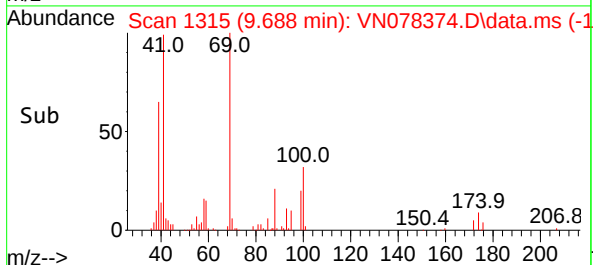
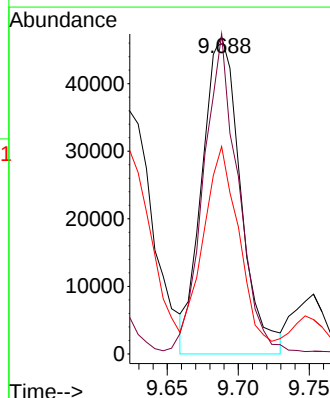
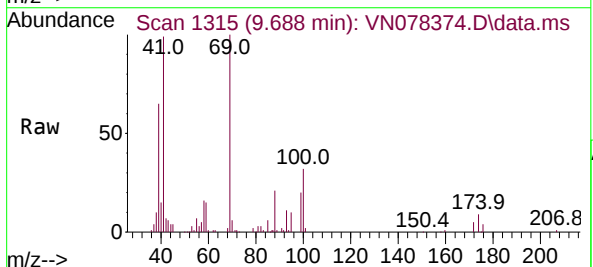
RT: 9.688 min Scan# 1315

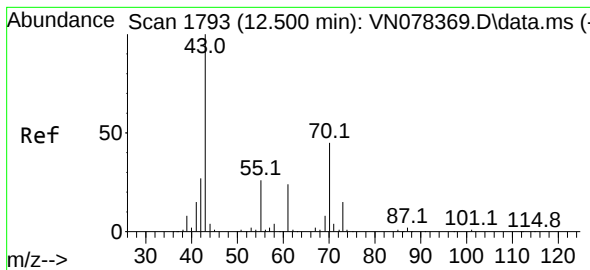
Delta R.T. 0.000 min

Lab File: VN078374.D

Acq: 23 Jun 2023 13:21

Tgt Ion:	41	Resp:	88398
Ion Ratio	Lower	Upper	
41	100		
69	104.9	49.0	147.0
39	64.8	31.6	94.8





#47

n-amy1 Acetate

Concen: 19.908 ug/l

RT: 12.500 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078374.D

Acq: 23 Jun 2023 13:21

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBS01

Tgt Ion: 43 Resp: 13773

Ion Ratio Lower Upper

43 100

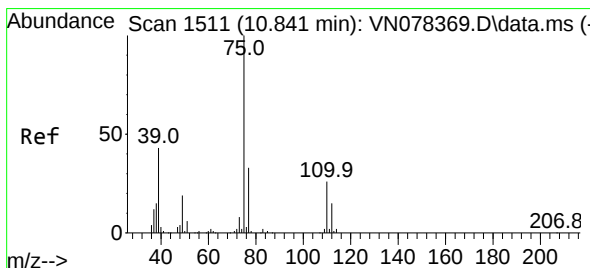
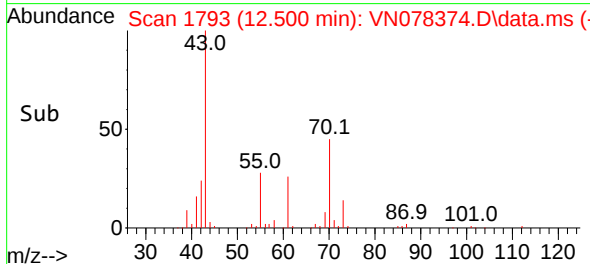
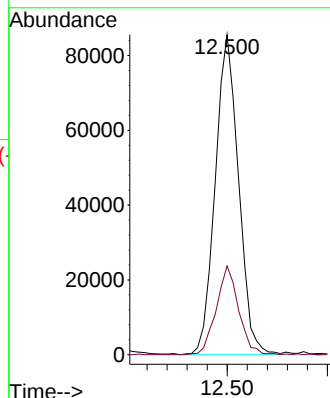
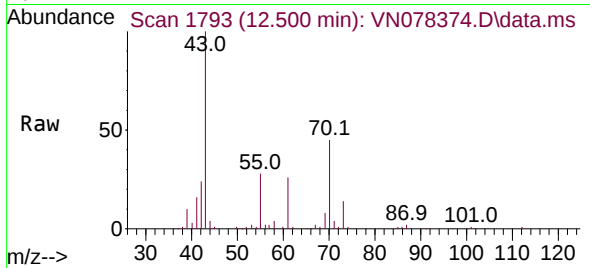
55 26.4 21.5 32.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#48

t-1,3-Dichloropropene

Concen: 19.864 ug/l

RT: 10.841 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VN078374.D

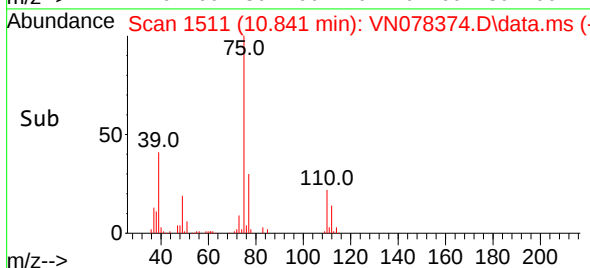
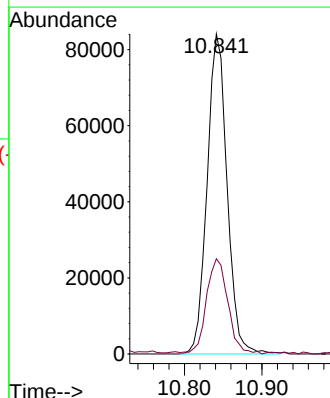
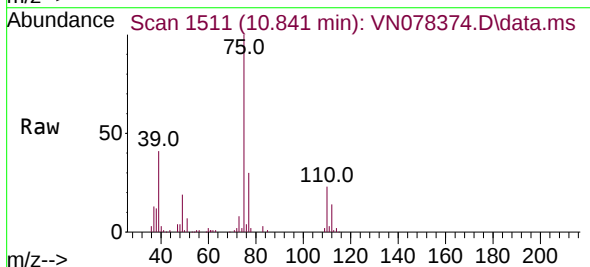
Acq: 23 Jun 2023 13:21

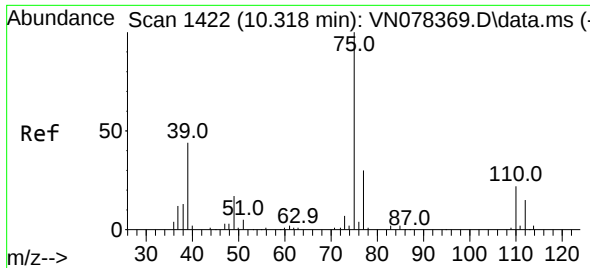
Tgt Ion: 75 Resp: 150774

Ion Ratio Lower Upper

75 100

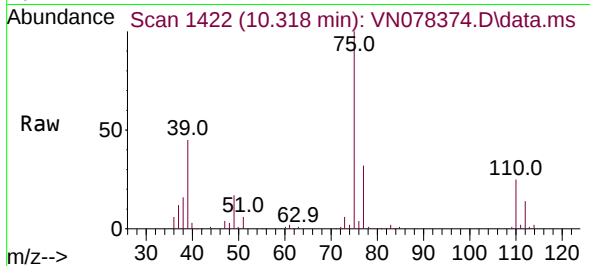
77 29.4 26.1 39.1





#49
 cis-1,3-Dichloropropene
 Concen: 19.806 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN078374.D
 Acq: 23 Jun 2023 13:21

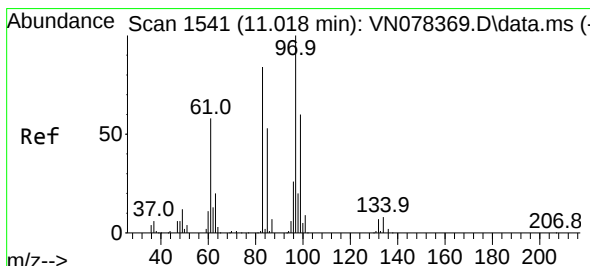
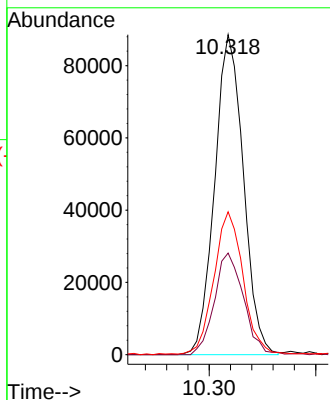
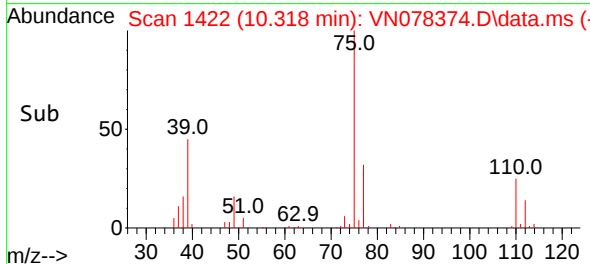
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBS01



Tgt Ion: 75 Resp: 165697
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.0 36.0
 39 44.4 35.1 52.7

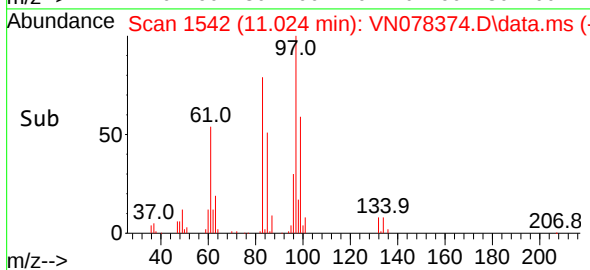
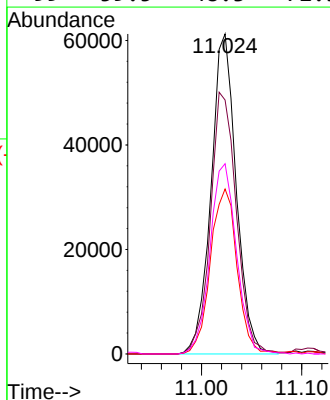
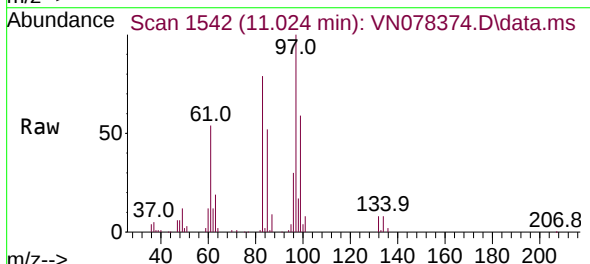
Manual Integrations
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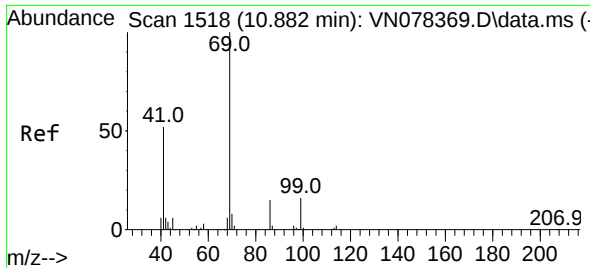
Reviewed By :John Carlone 06/24/2023
 Supervised By :Mahesh Dadoda 06/26/2023



#50
 1,1,2-Trichloroethane
 Concen: 20.940 ug/l
 RT: 11.024 min Scan# 1542
 Delta R.T. 0.006 min
 Lab File: VN078374.D
 Acq: 23 Jun 2023 13:21

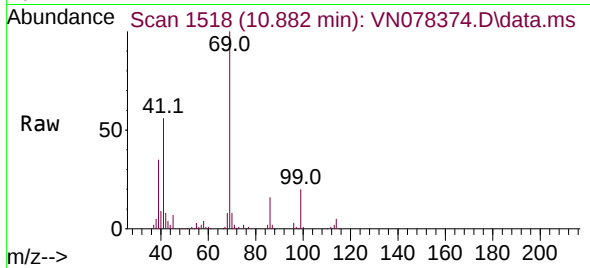
Tgt Ion: 97 Resp: 106842
 Ion Ratio Lower Upper
 97 100
 83 79.4 66.8 100.2
 85 51.6 42.5 63.7
 99 59.5 48.3 72.5





#51
Ethyl methacrylate
Concen: 19.316 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

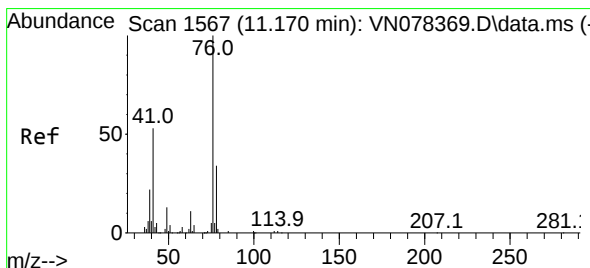
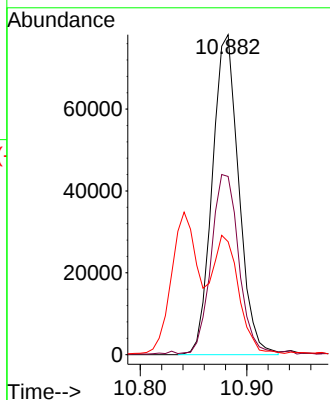
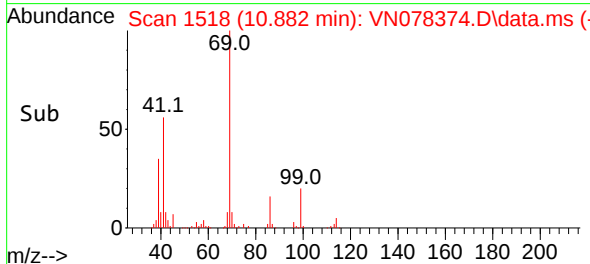
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



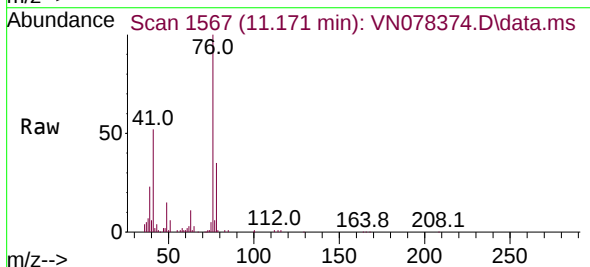
Tgt Ion: 69 Resp: 134825
Ion Ratio Lower Upper
69 100
41 55.4 26.0 78.0
39 34.6 16.3 48.9

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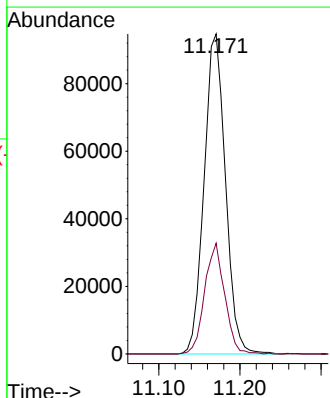
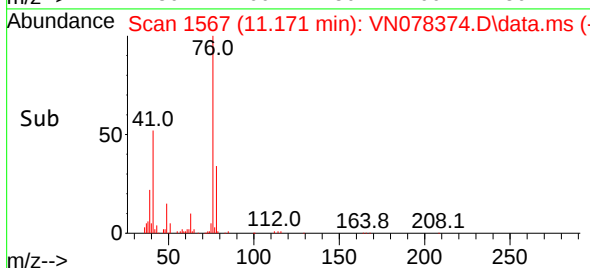
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

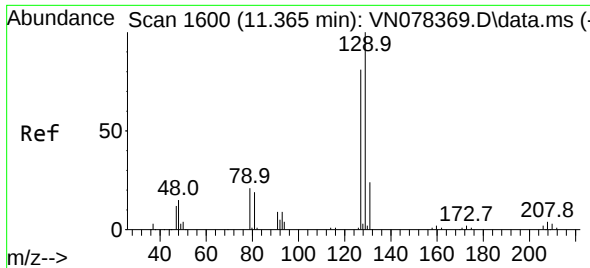


#52
1,3-Dichloropropane
Concen: 20.190 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21



Tgt Ion: 76 Resp: 172891
Ion Ratio Lower Upper
76 100
78 32.3 0.0 66.2





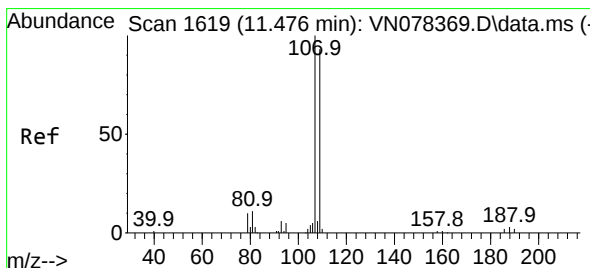
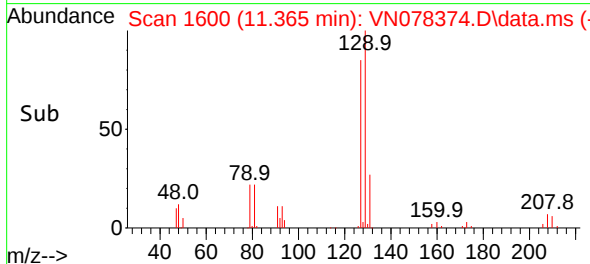
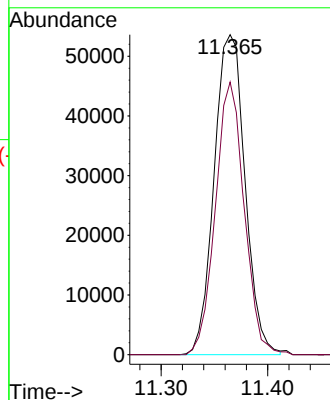
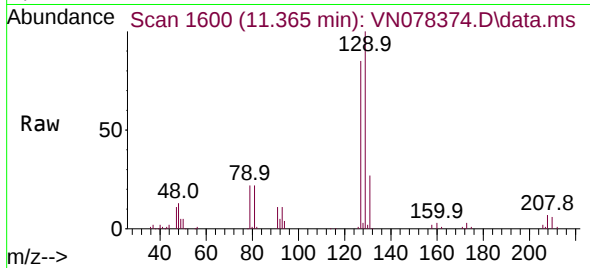
#53
Dibromochloromethane
Concen: 19.975 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01

Tgt Ion:129 Resp: 10810
Ion Ratio Lower Upper
129 100
127 79.4 39.4 118.1

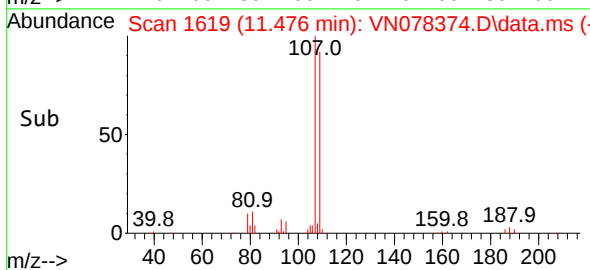
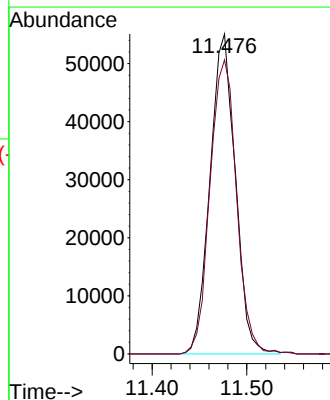
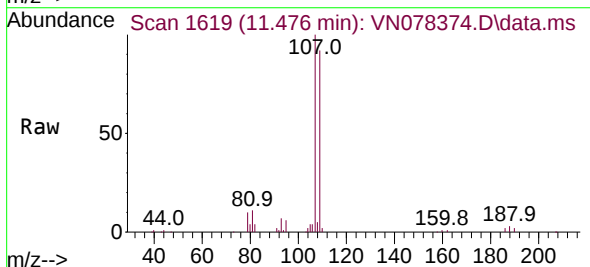
Manual Integrations
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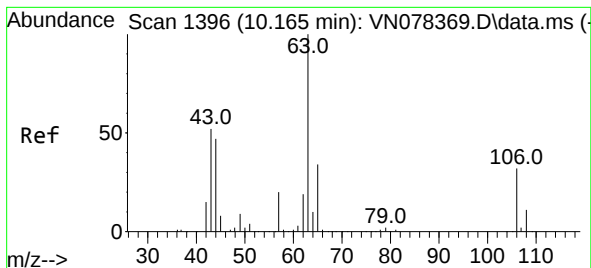
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#54
1,2-Dibromoethane
Concen: 19.949 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

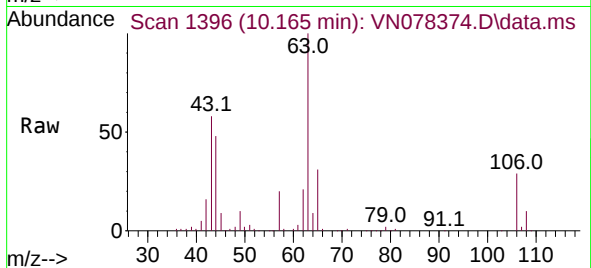
Tgt Ion:107 Resp: 102591
Ion Ratio Lower Upper
107 100
109 95.7 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 99.201 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

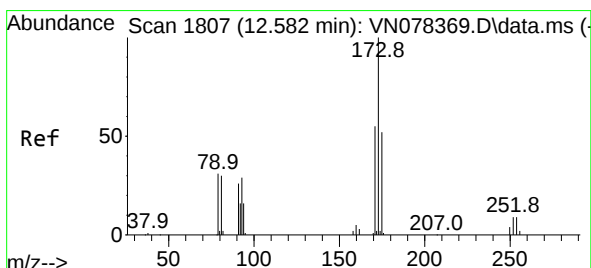
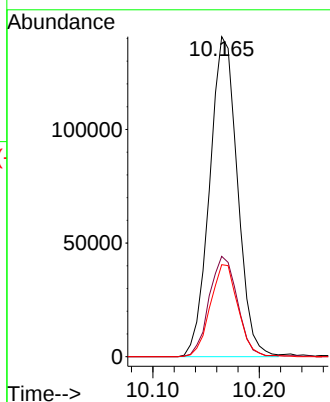
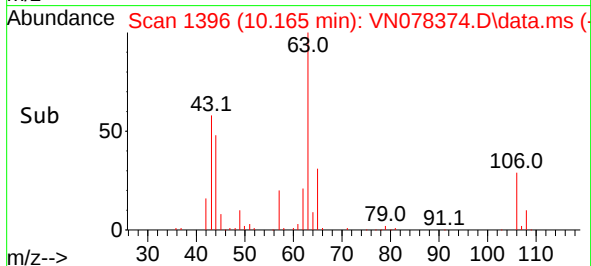
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



Tgt Ion: 63 Resp: 25545
Ion Ratio Lower Upper
63 100
65 31.7 26.3 39.5
106 28.5 23.8 35.6

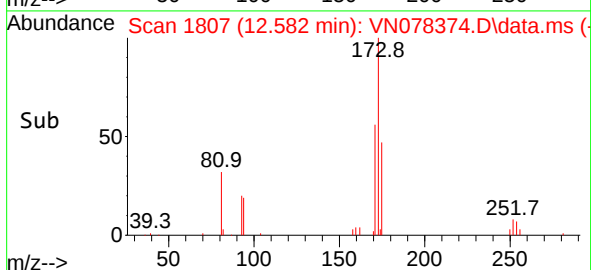
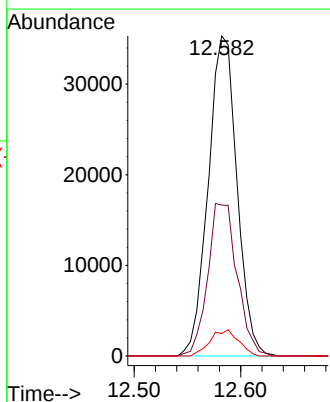
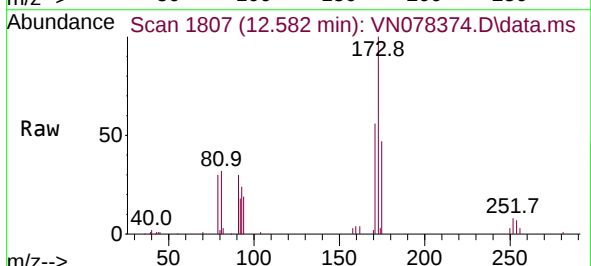
Manual Integrations
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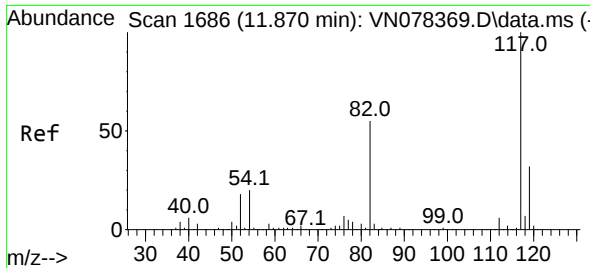
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#56
Bromoform
Concen: 19.986 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

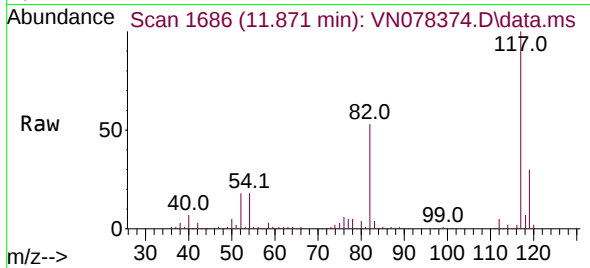
Tgt Ion:173 Resp: 66207
Ion Ratio Lower Upper
173 100
175 48.7 40.7 61.1
254 8.1 6.5 9.7





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

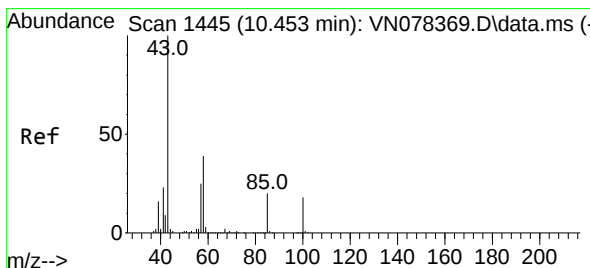
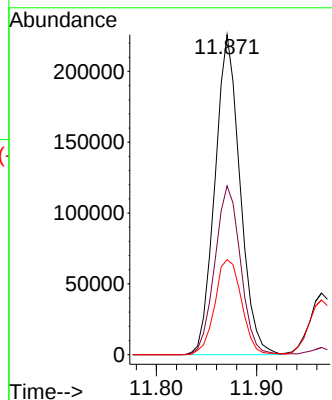
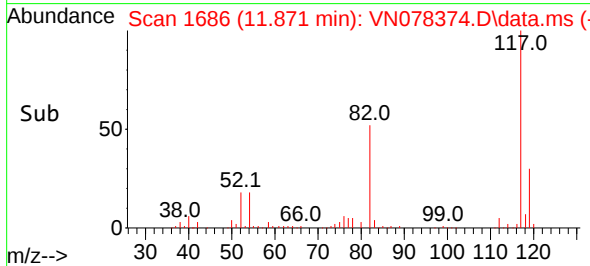
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



Tgt Ion:117 Resp: 392272
Ion Ratio Lower Upper
117 100
82 54.0 43.9 65.9
119 31.7 26.2 39.4

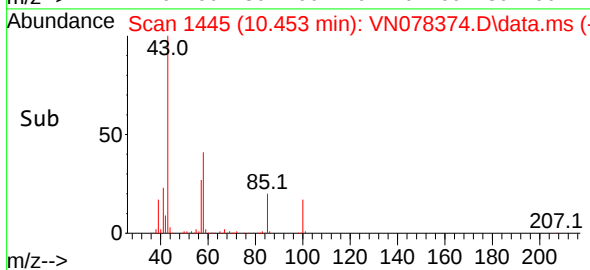
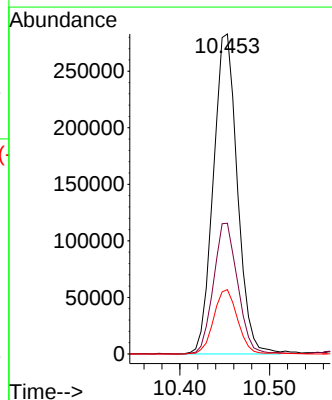
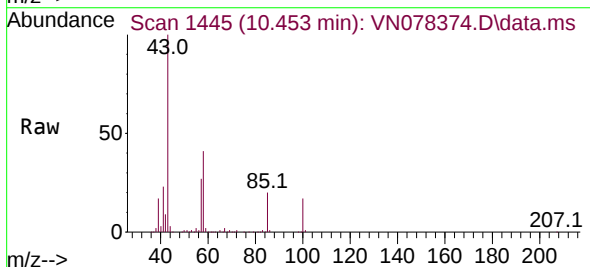
Manual Integrations
APPROVED

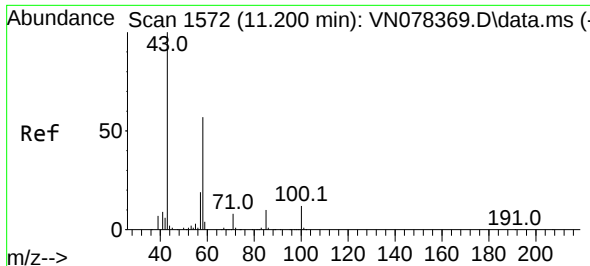
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#58
4-Methyl-2-Pentanone
Concen: 100.585 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

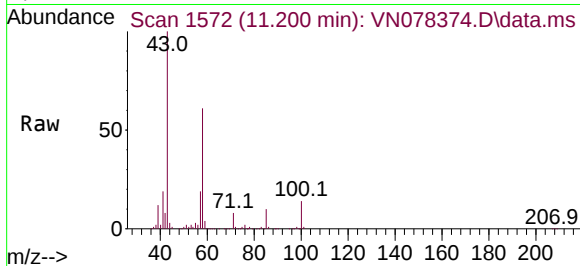
Tgt Ion: 43 Resp: 526906
Ion Ratio Lower Upper
43 100
58 41.0 32.6 48.8
85 19.8 16.2 24.2





#59
2-Hexanone
Concen: 100.221 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

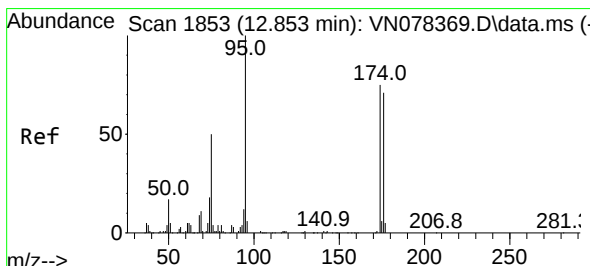
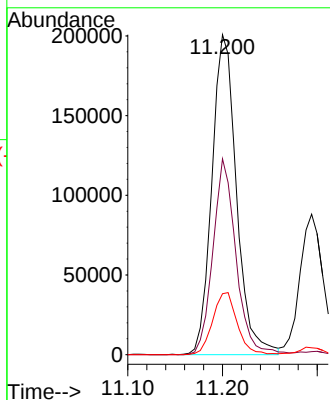
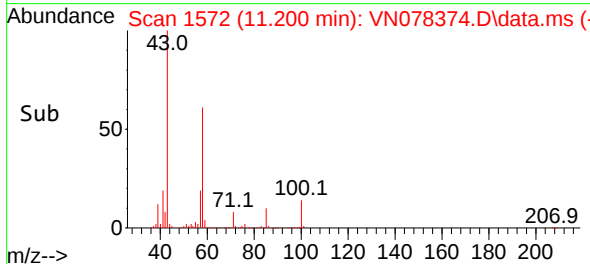
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



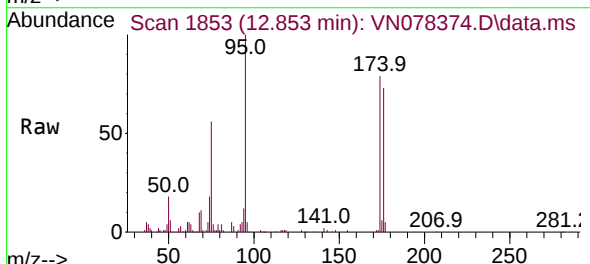
Tgt Ion: 43 Resp: 362584
Ion Ratio Lower Upper
43 100
58 57.4 45.9 68.9
57 19.3 15.8 23.6

Manual Integrations
APPROVED

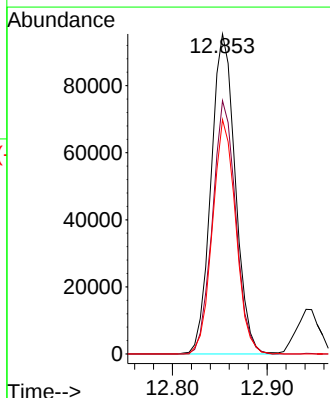
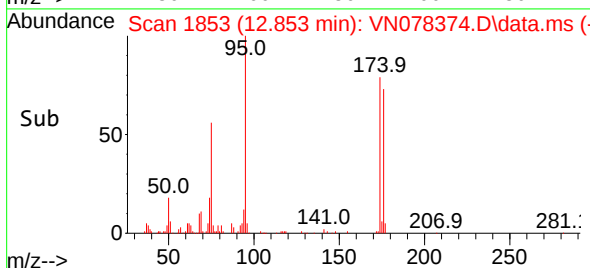
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

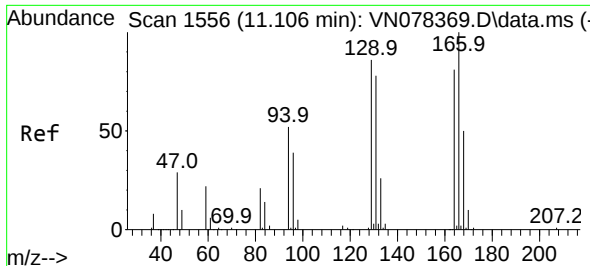


#60
4-Bromofluorobenzene
Concen: 30.676 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21



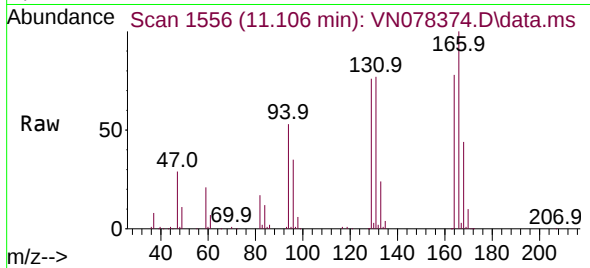
Tgt Ion: 95 Resp: 169538
Ion Ratio Lower Upper
95 100
174 76.1 61.7 92.5
176 70.4 58.1 87.1





#61
Tetrachloroethene
Concen: 21.724 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

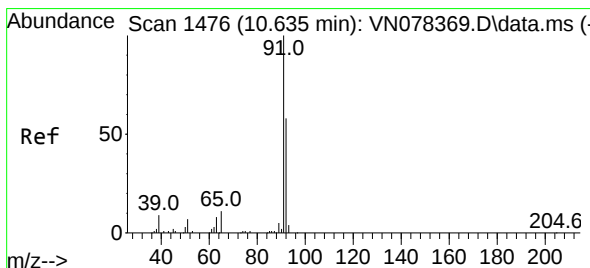
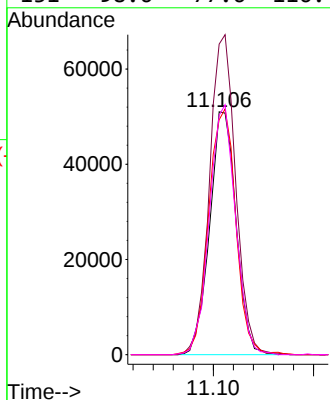
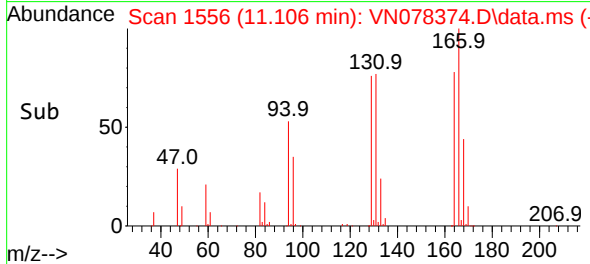
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



Tgt Ion:164 Resp: 93379
Ion Ratio Lower Upper
164 100
166 127.9 99.1 148.7
129 96.2 85.6 128.4
131 98.6 77.6 116.4

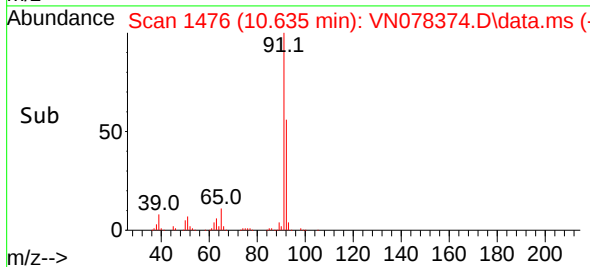
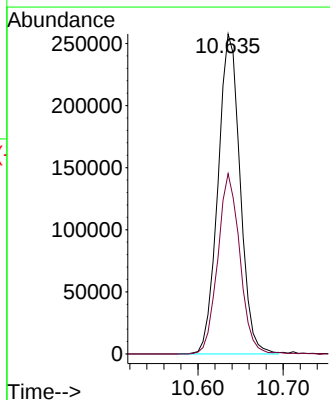
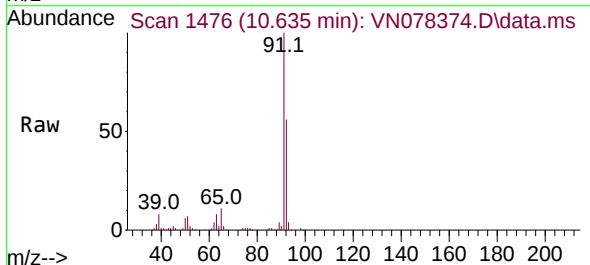
Manual Integrations
APPROVED

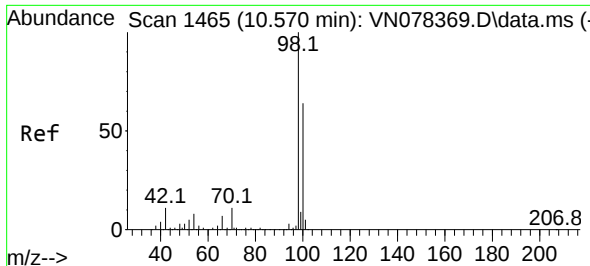
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#62
Toluene
Concen: 20.365 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

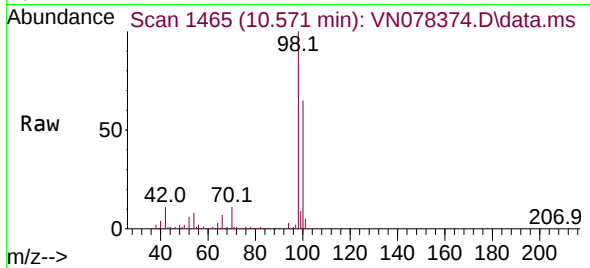
Tgt Ion: 91 Resp: 464934
Ion Ratio Lower Upper
91 100
92 55.9 45.2 67.8





#63
Toluene-d8
Concen: 29.825 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

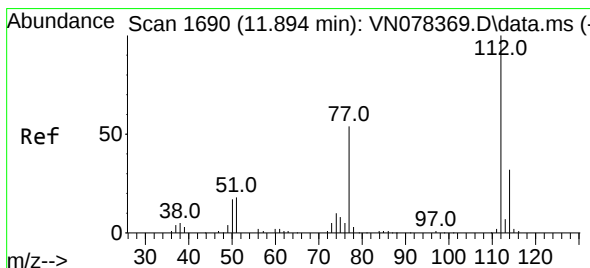
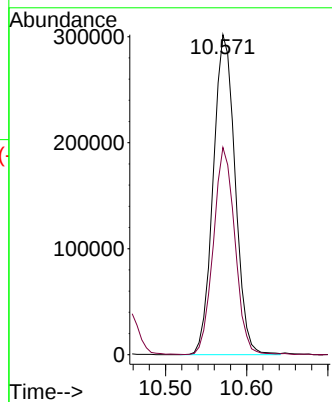
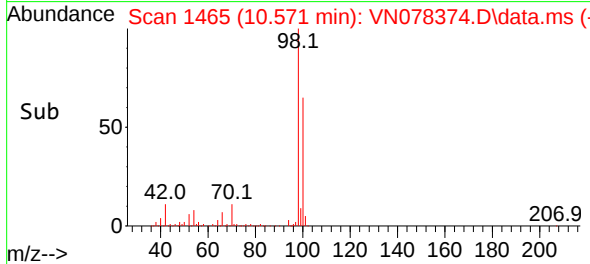
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



Tgt Ion: 98 Resp: 56687
Ion Ratio Lower Upper
98 100
100 63.6 49.7 74.5

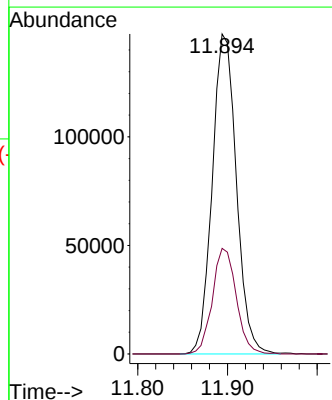
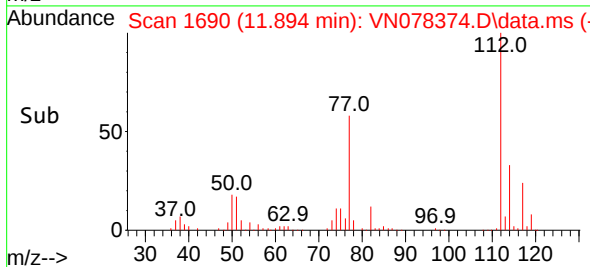
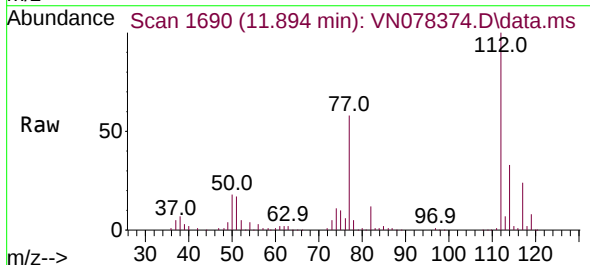
Manual Integrations
APPROVED

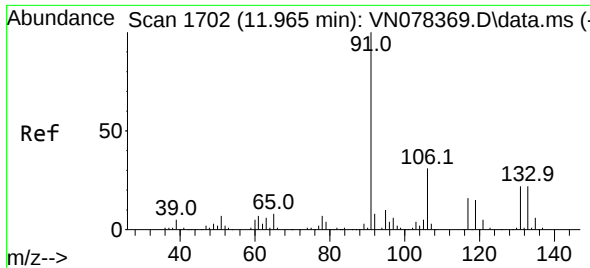
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#64
Chlorobenzene
Concen: 20.341 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

Tgt Ion:112 Resp: 275241
Ion Ratio Lower Upper
112 100
114 33.0 25.9 38.9





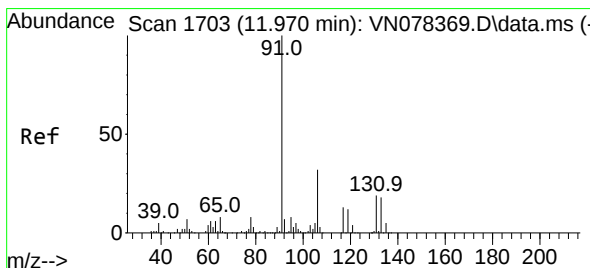
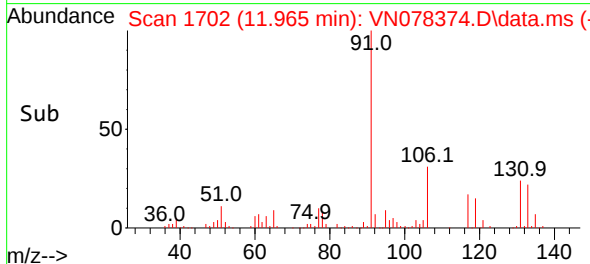
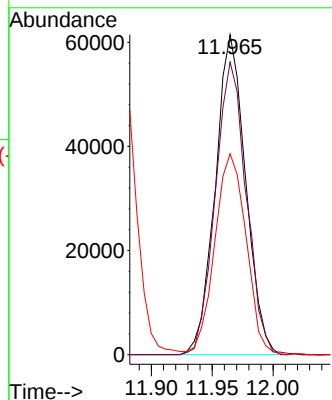
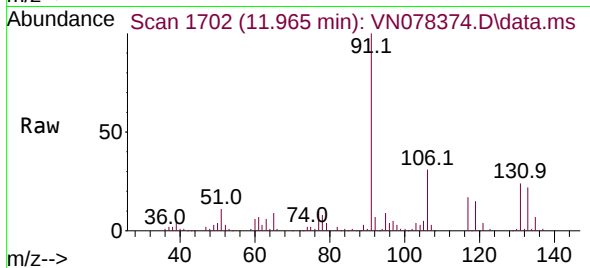
#65
1,1,1,2-Tetrachloroethane
Concen: 20.420 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01

Tgt Ion:131 Resp: 106548
Ion Ratio Lower Upper
131 100
133 93.2 0.0 191.8
119 64.9 0.0 132.0

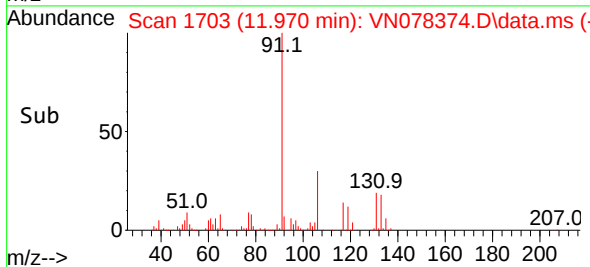
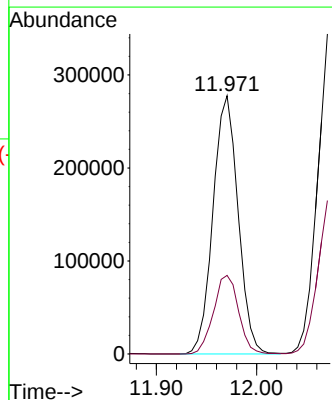
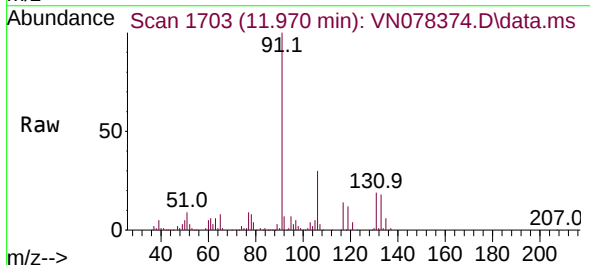
Manual Integrations
APPROVED

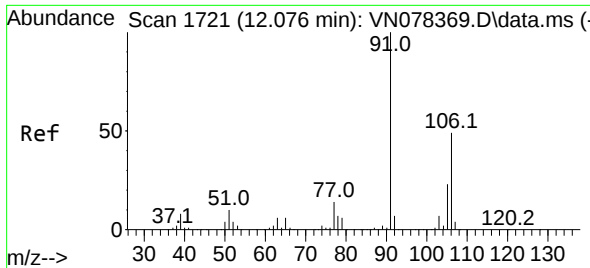
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#66
Ethyl Benzene
Concen: 20.775 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

Tgt Ion: 91 Resp: 482605
Ion Ratio Lower Upper
91 100
106 30.4 25.6 38.4





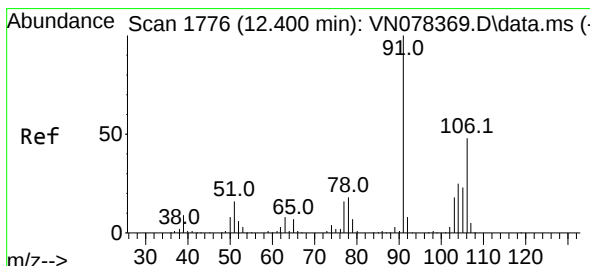
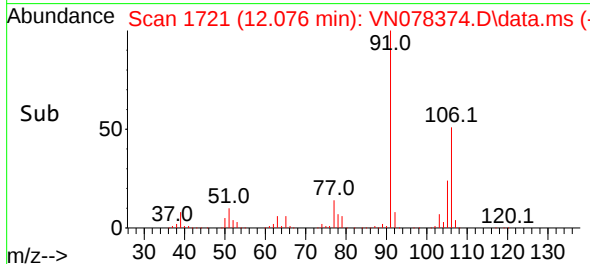
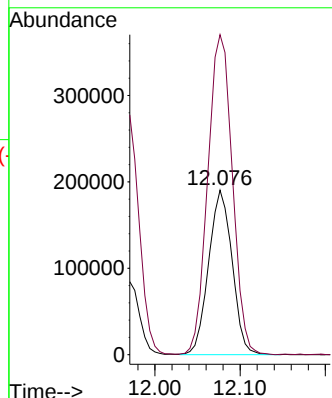
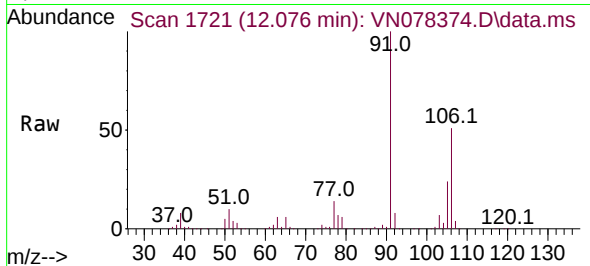
#67
m/p-Xylenes
Concen: 41.506 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01

Tgt Ion:106 Resp: 364572
Ion Ratio Lower Upper
106 100
91 203.9 162.5 243.7

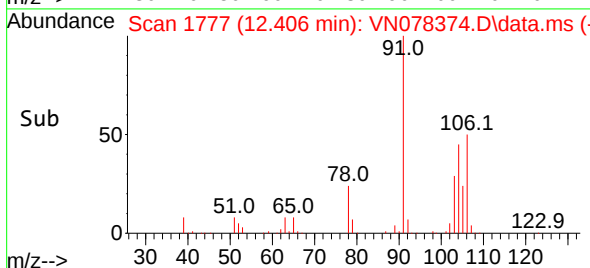
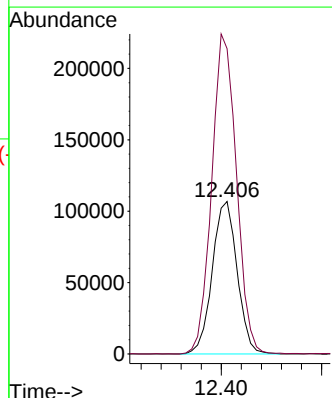
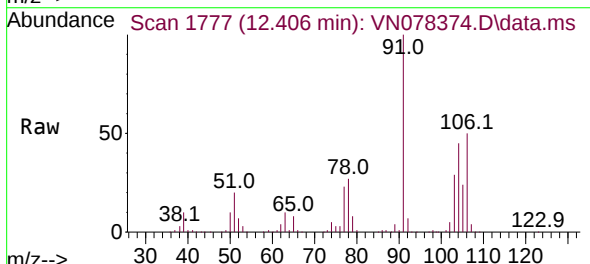
Manual Integrations
APPROVED

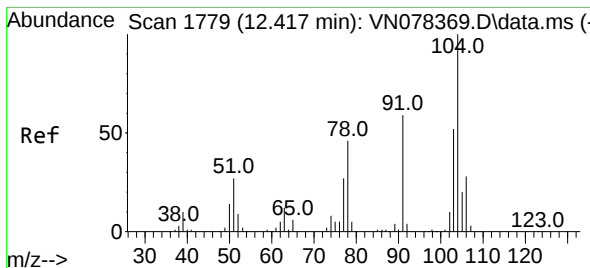
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#68
o-Xylene
Concen: 21.593 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

Tgt Ion:106 Resp: 183919
Ion Ratio Lower Upper
106 100
91 208.7 106.1 318.3





#69

Styrene

Concen: 20.847 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VN078374.D

Acq: 23 Jun 2023 13:21

Instrument :

MSVOA_N

ClientSampleId :

VN0623WBS01

Tgt Ion:104 Resp: 28114

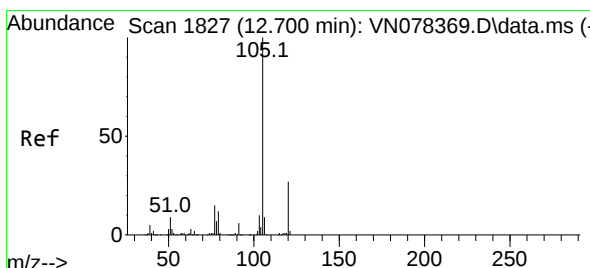
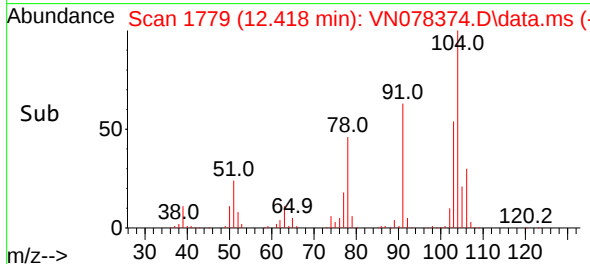
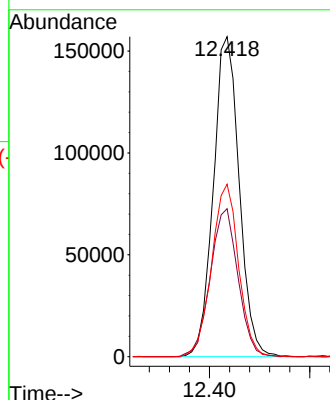
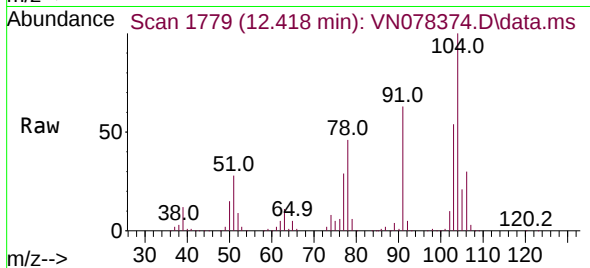
Ion	Ratio	Lower	Upper
104	100		
78	49.6	40.1	60.1
103	56.1	45.1	67.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#70

Isopropylbenzene

Concen: 20.851 ug/l

RT: 12.700 min Scan# 1827

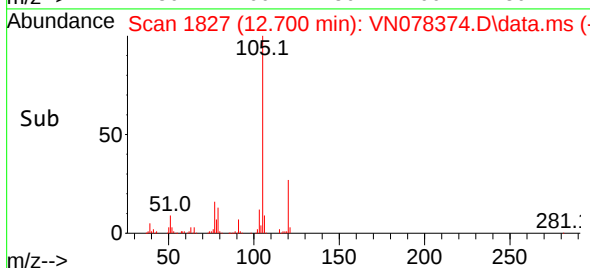
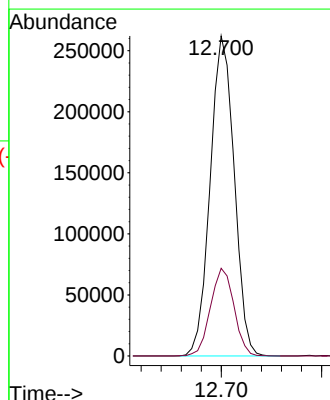
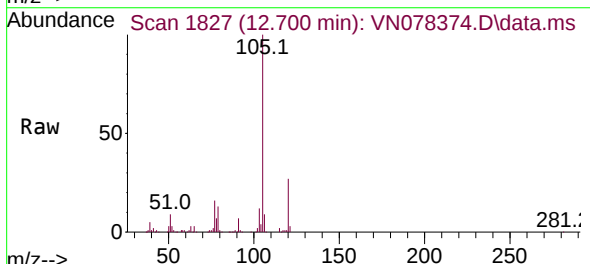
Delta R.T. 0.000 min

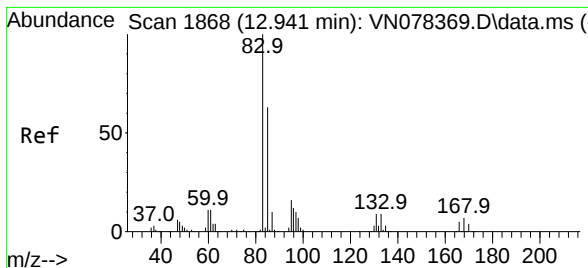
Lab File: VN078374.D

Acq: 23 Jun 2023 13:21

Tgt Ion:105 Resp: 436407

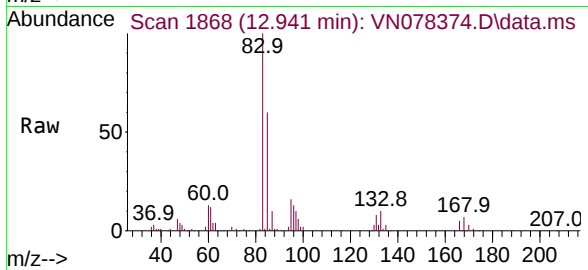
Ion	Ratio	Lower	Upper
105	100		
120	26.8	18.3	34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.134 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

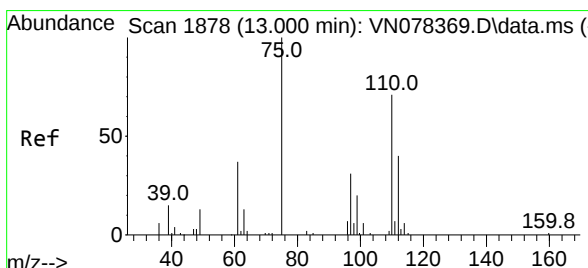
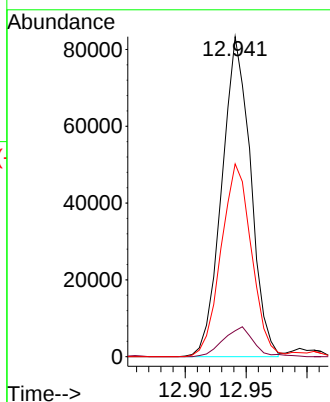
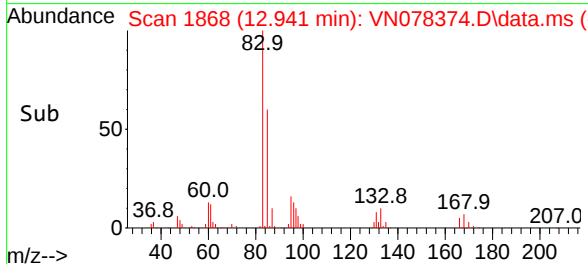
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



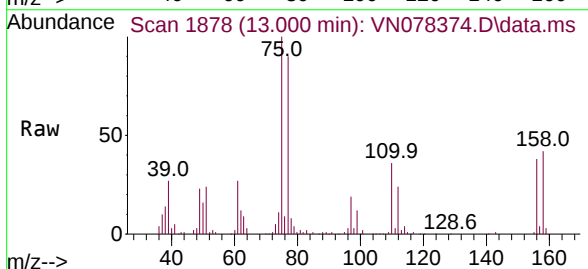
Tgt Ion: 83 Resp: 137039
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.4
85 63.5 32.6 98.0

Manual Integrations
APPROVED

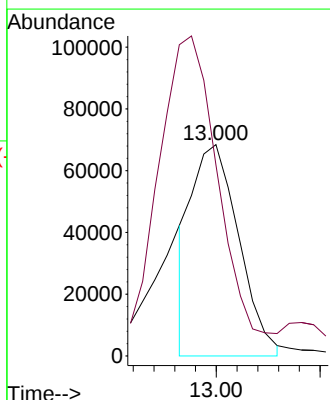
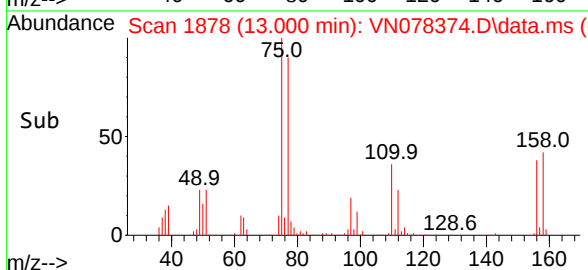
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

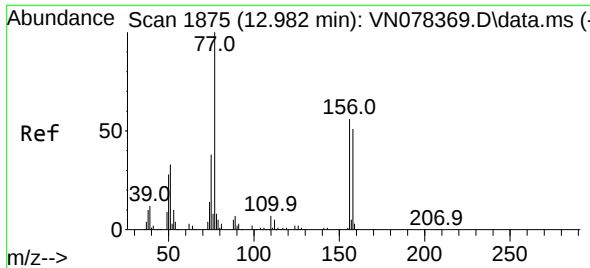


#72
1,2,3-Trichloropropane
Concen: 19.012 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21



Tgt Ion: 75 Resp: 107855
Ion Ratio Lower Upper
75 100
77 198.8 0.0 387.4





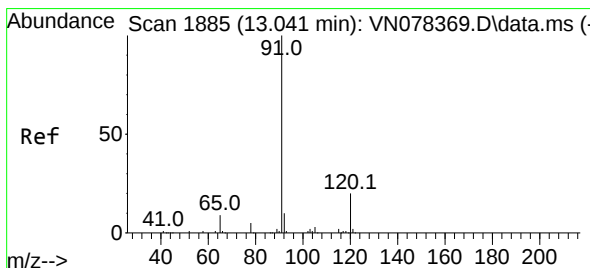
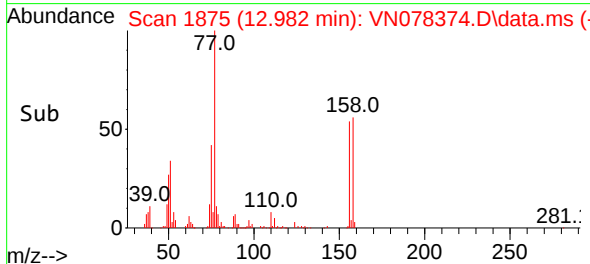
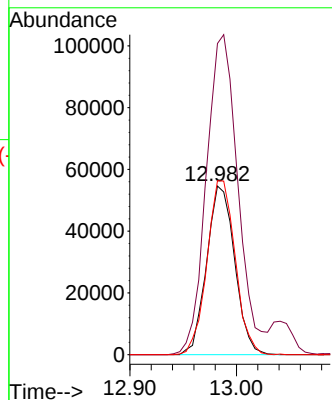
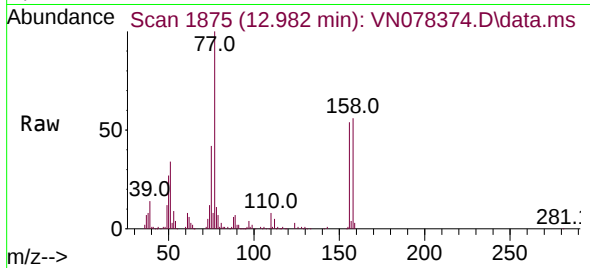
#73
Bromobenzene
Concen: 20.025 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01

Tgt Ion:156 Resp: 100205
Ion Ratio Lower Upper
156 100
77 214.0 0.0 420.8
158 103.4 0.0 193.2

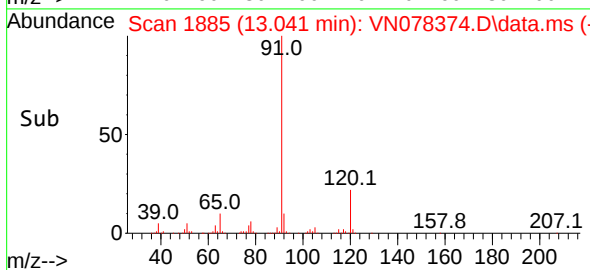
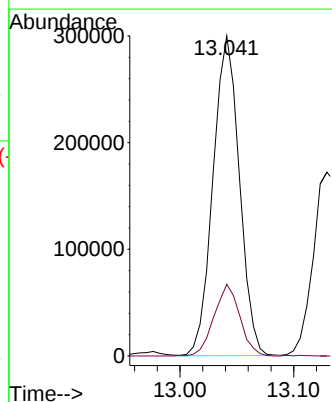
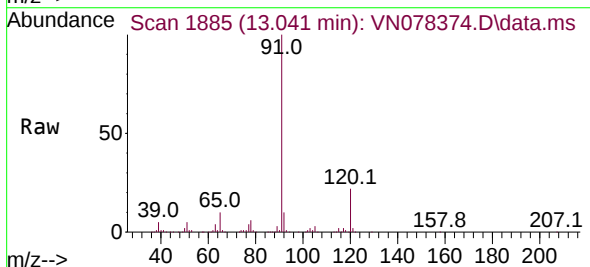
Manual Integrations
APPROVED

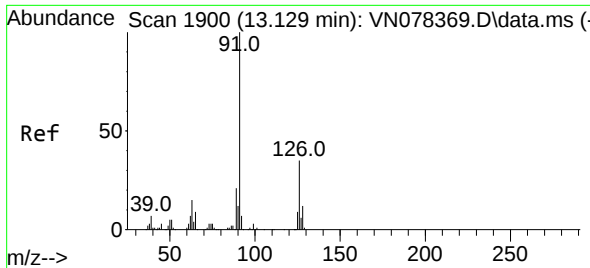
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#74
n-propylbenzene
Concen: 21.263 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

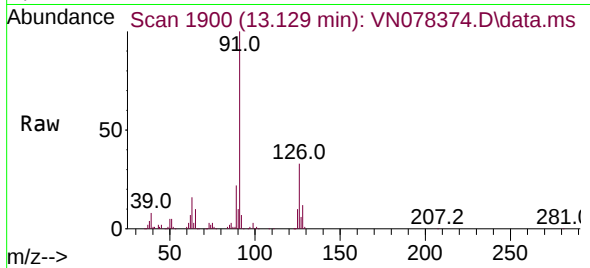
Tgt Ion: 91 Resp: 483918
Ion Ratio Lower Upper
91 100
120 21.9 0.0 44.6





#75
2-Chlorotoluene
Concen: 19.720 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

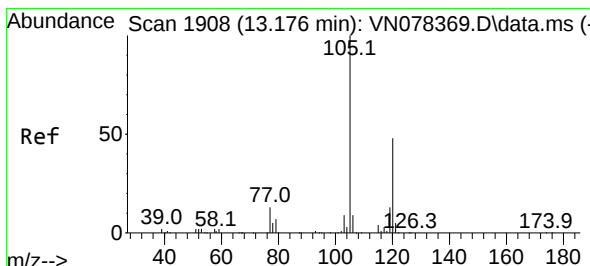
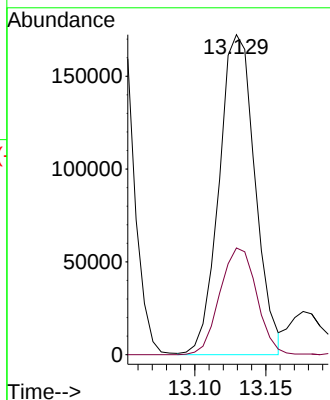
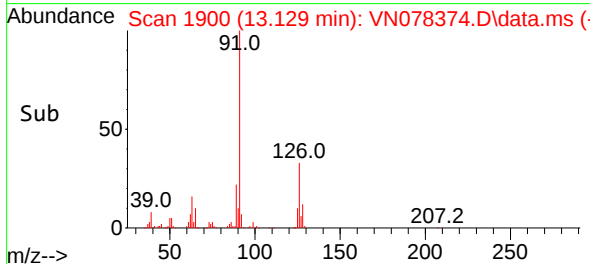
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



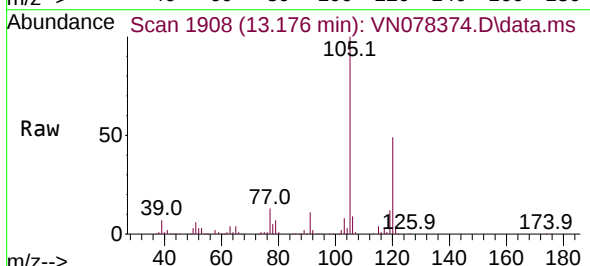
Tgt Ion: 91 Resp: 303804
Ion Ratio Lower Upper
91 100
126 34.1 0.0 67.2

Manual Integrations
APPROVED

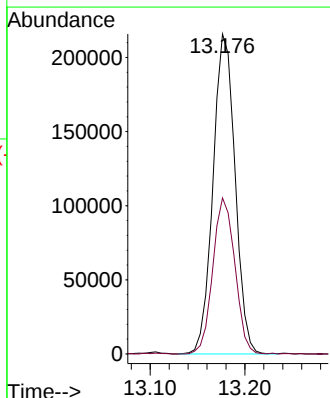
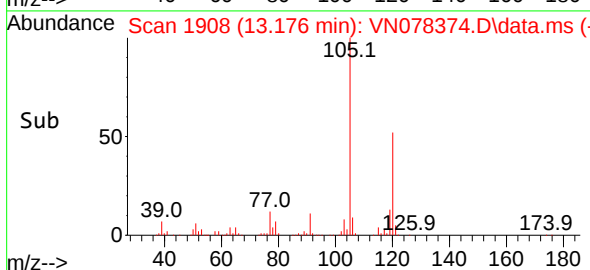
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

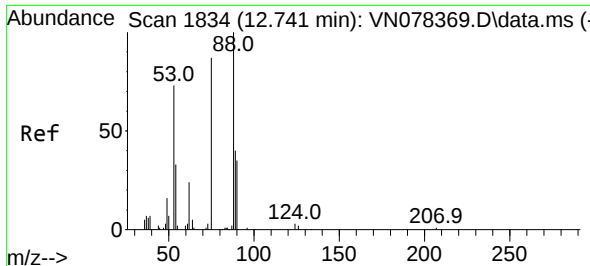


#76
1,3,5-Trimethylbenzene
Concen: 20.161 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21



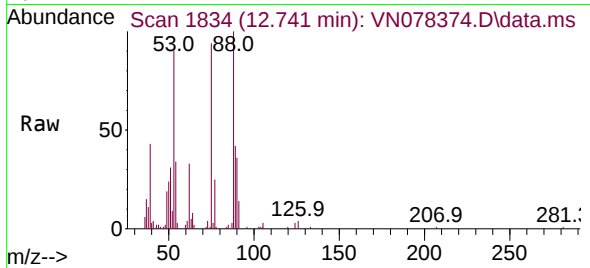
Tgt Ion:105 Resp: 349885
Ion Ratio Lower Upper
105 100
120 48.7 0.0 97.2





#77
t-1,4-Dichloro-2-butene
Concen: 19.609 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

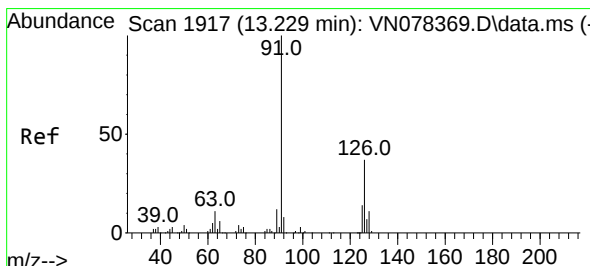
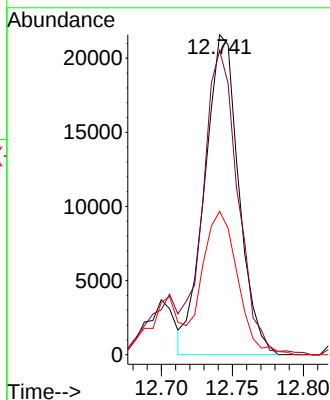
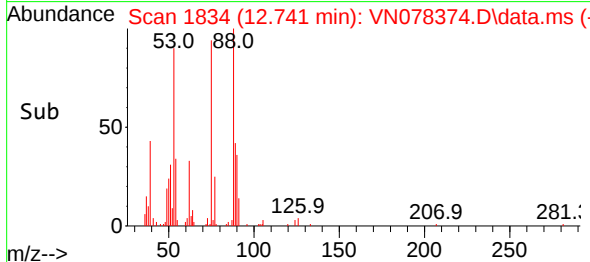
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



Tgt Ion: 75 Resp: 3595
Ion Ratio Lower Upper
75 100
53 94.0 41.6 124.9
89 43.9 25.1 75.4

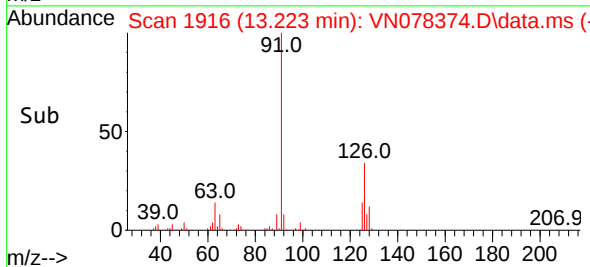
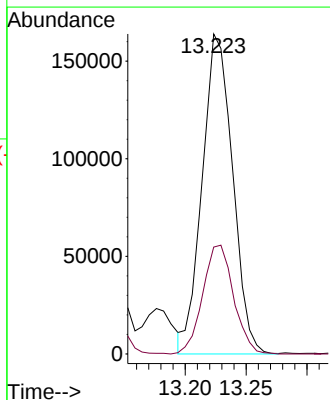
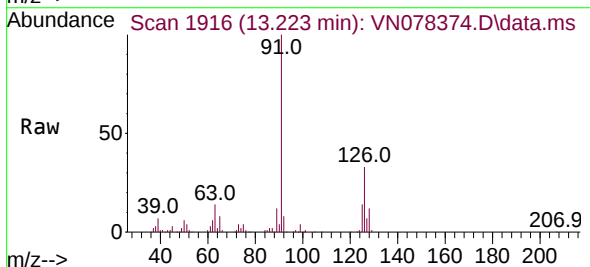
Manual Integrations
APPROVED

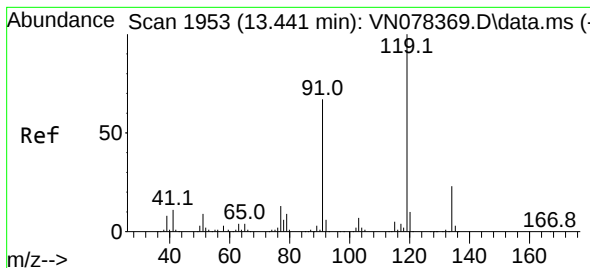
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#78
4-Chlorotoluene
Concen: 19.733 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

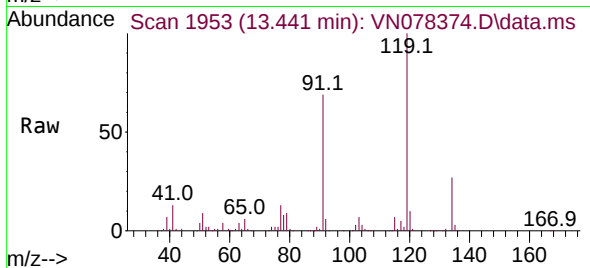
Tgt Ion: 91 Resp: 284495
Ion Ratio Lower Upper
91 100
126 34.5 0.0 68.8





#79
tert-butylbenzene
Concen: 20.078 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

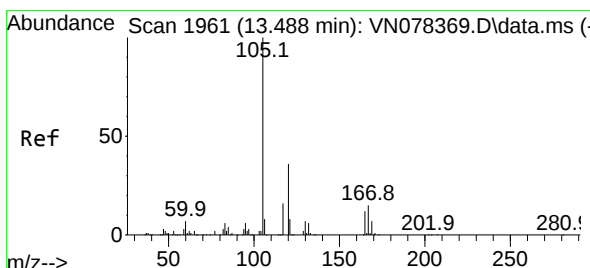
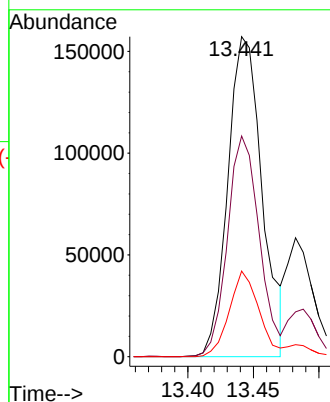
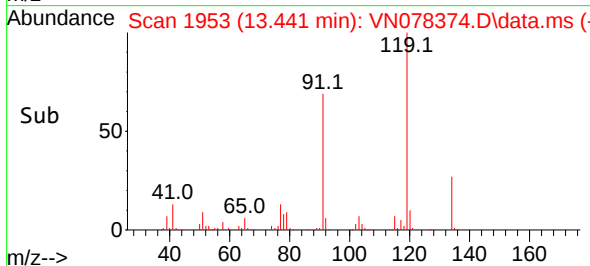
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



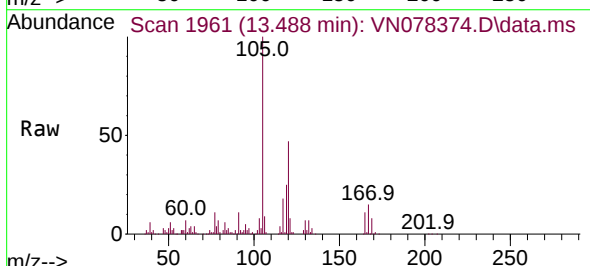
Tgt Ion:119 Resp: 28664
Ion Ratio Lower Upper
119 100
91 64.0 0.0 126.6
134 23.1 0.0 44.0

Manual Integrations
APPROVED

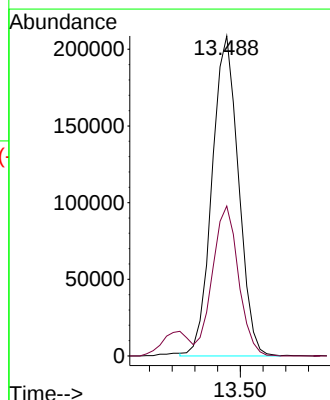
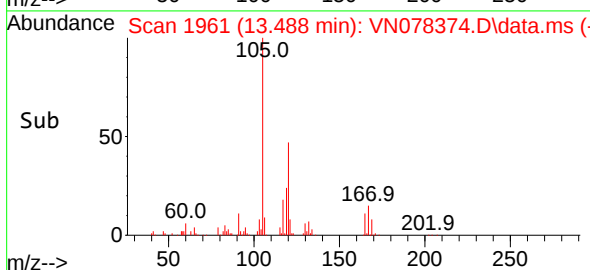
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

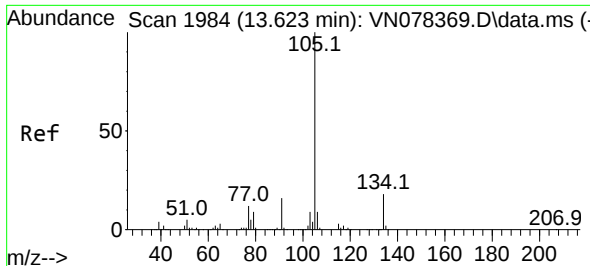


#80
1,2,4-Trimethylbenzene
Concen: 20.575 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21



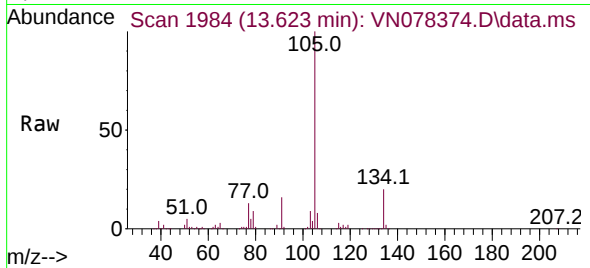
Tgt Ion:105 Resp: 337400
Ion Ratio Lower Upper
105 100
120 46.1 0.0 88.2





#81
 sec-Butylbenzene
 Concen: 20.129 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078374.D
 Acq: 23 Jun 2023 13:21

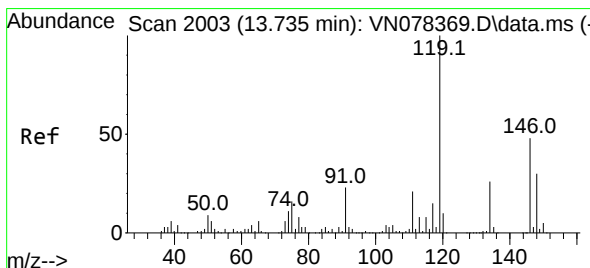
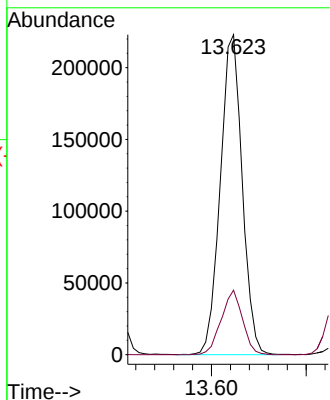
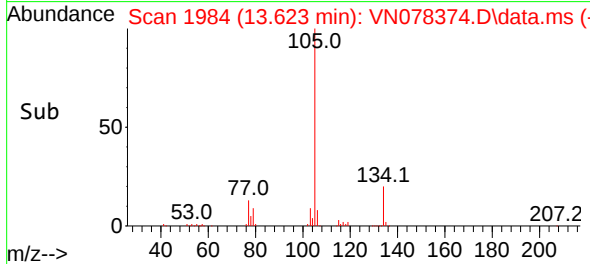
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBS01



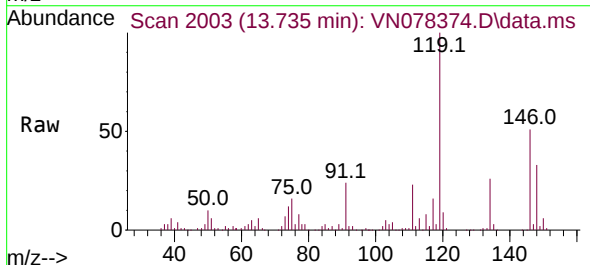
Tgt Ion:105 Resp: 358504
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 38.6

Manual Integrations
 APPROVED

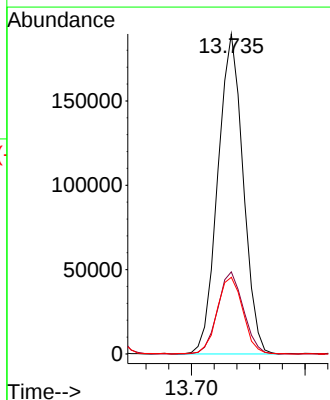
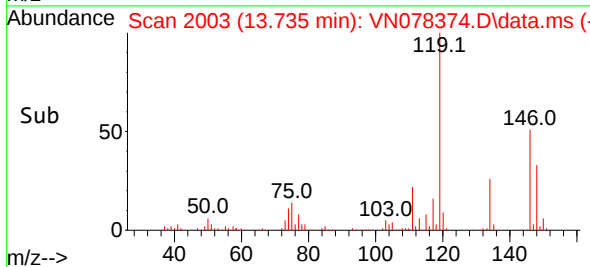
Reviewed By :John Carlone 06/24/2023
 Supervised By :Mahesh Dadoda 06/26/2023

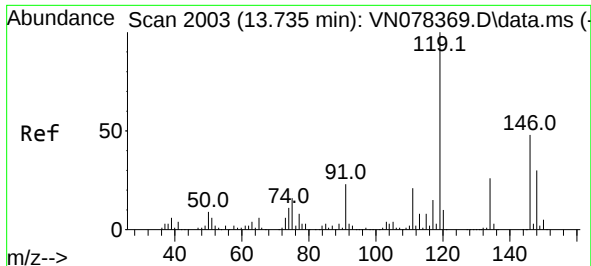


#82
 p-Isopropyltoluene
 Concen: 20.487 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078374.D
 Acq: 23 Jun 2023 13:21



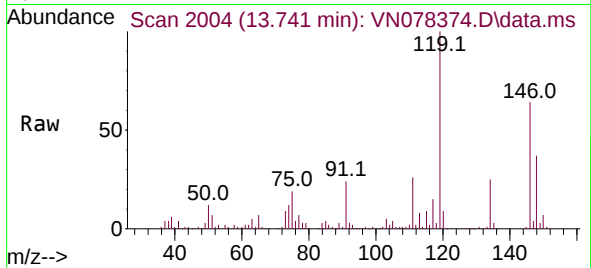
Tgt Ion:119 Resp: 293482
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 52.4
 91 24.5 0.0 48.2





#83
1,3-Dichlorobenzene
Concen: 20.783 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

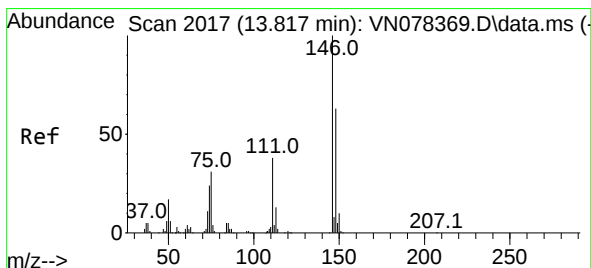
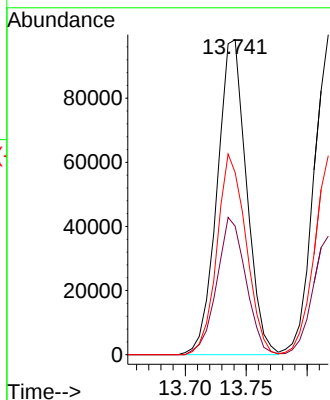
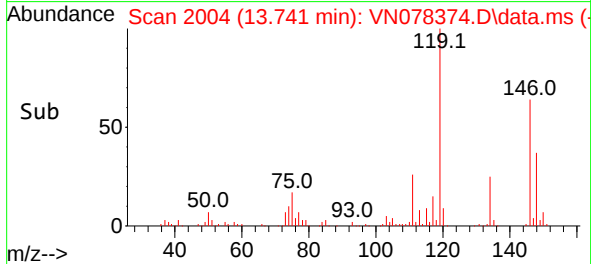
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



Tgt Ion:146 Resp: 164829
Ion Ratio Lower Upper
146 100
111 43.2 21.6 64.6
148 62.9 31.9 95.5

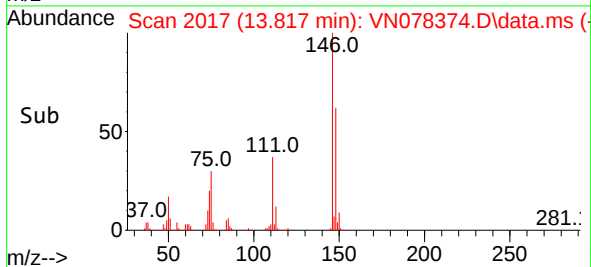
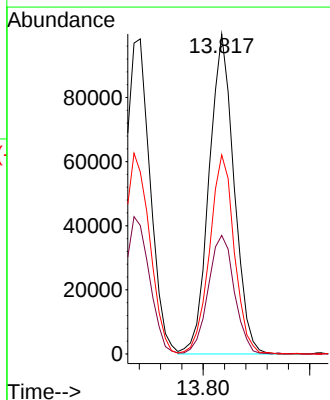
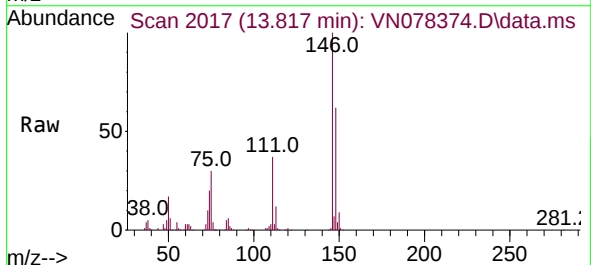
Manual Integrations
APPROVED

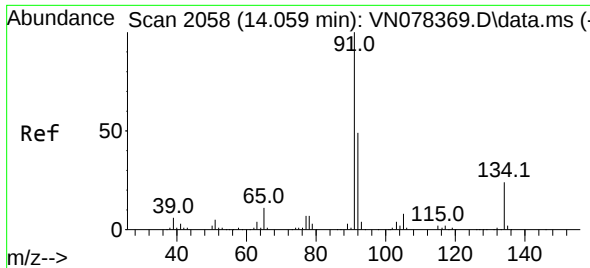
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#84
1,4-Dichlorobenzene
Concen: 21.127 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

Tgt Ion:146 Resp: 162002
Ion Ratio Lower Upper
146 100
111 38.9 19.4 58.2
148 61.5 31.4 94.3





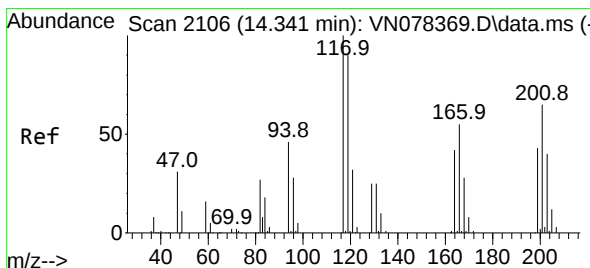
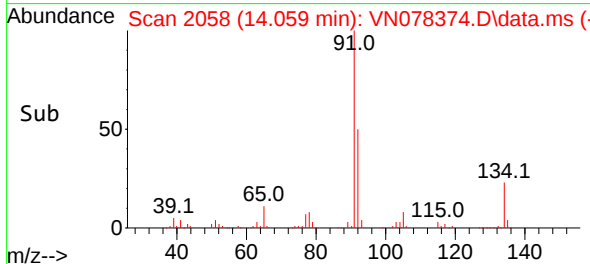
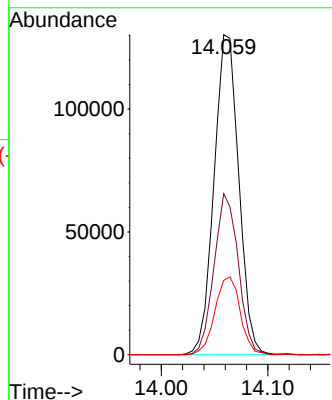
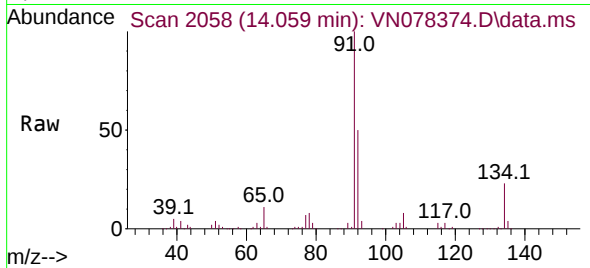
#85
n-Butylbenzene
Concen: 19.853 ug/l
RT: 14.059 min Scan# 21078
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01

Tgt Ion: 91 Resp: 21078
Ion Ratio Lower Upper
91 100
92 49.3 0.0 99.6
134 24.8 0.0 50.0

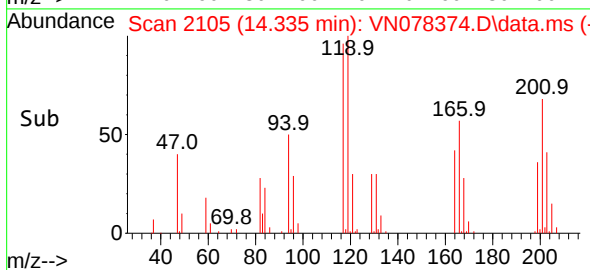
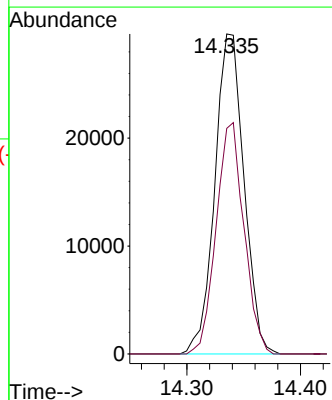
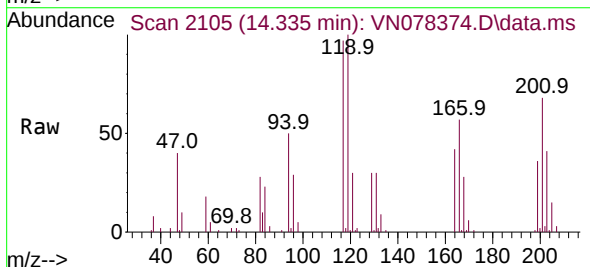
Manual Integrations
APPROVED

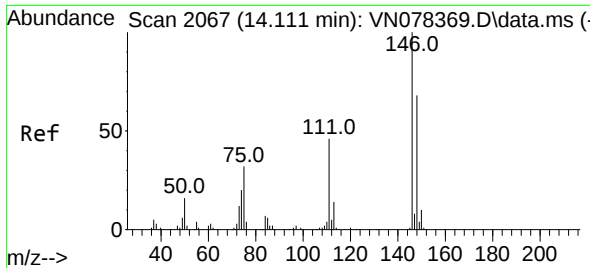
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#86
Hexachloroethane
Concen: 19.198 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

Tgt Ion:117 Resp: 52935
Ion Ratio Lower Upper
117 100
201 68.9 34.2 102.6





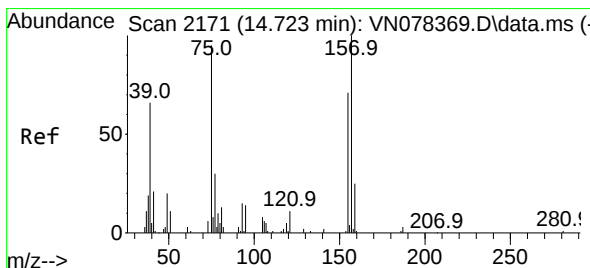
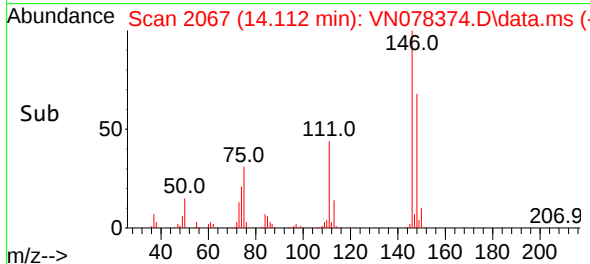
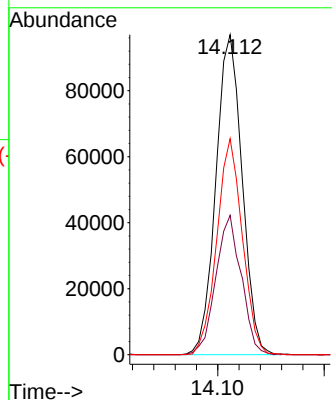
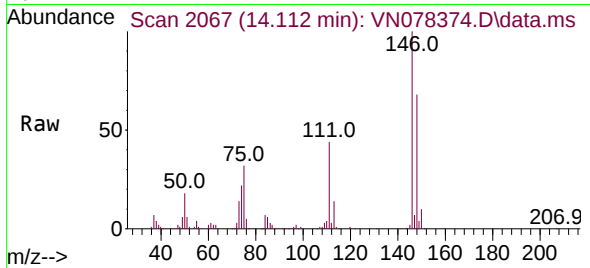
#87
1,2-Dichlorobenzene
Concen: 21.087 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01

Tgt Ion:146 Resp: 165775
Ion Ratio Lower Upper
146 100
111 42.3 22.4 67.3
148 65.8 33.4 100.1

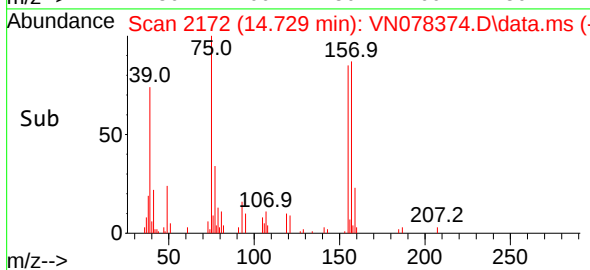
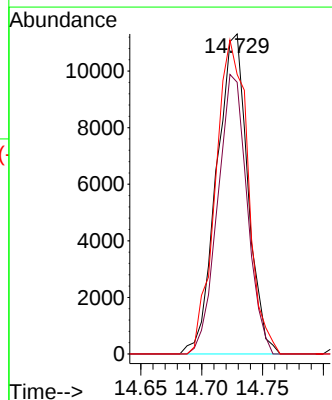
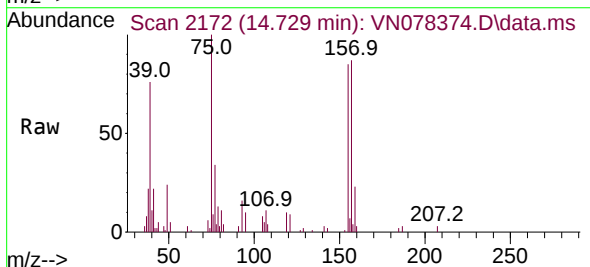
Manual Integrations
APPROVED

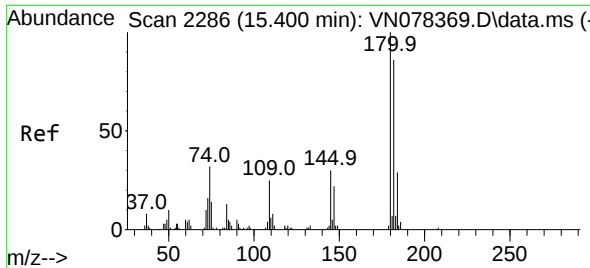
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.613 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

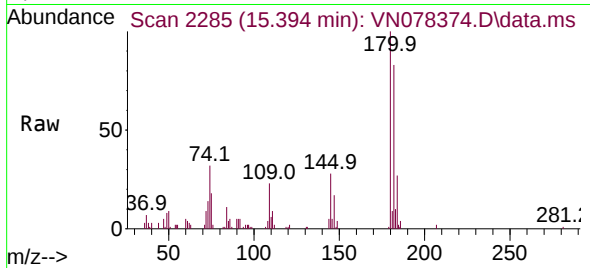
Tgt Ion: 75 Resp: 20113
Ion Ratio Lower Upper
75 100
155 82.4 68.2 102.2
157 102.3 84.7 127.1





#89
1,2,4-Trichlorobenzene
Concen: 17.782 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

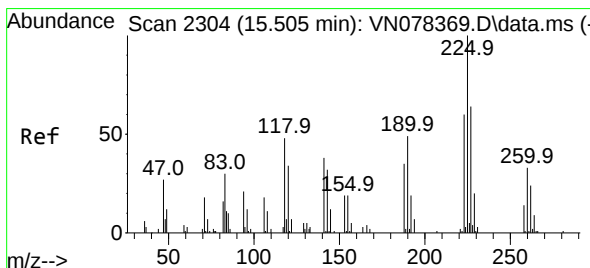
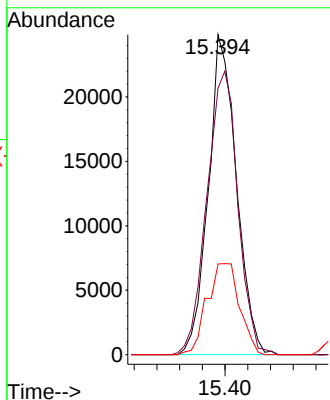
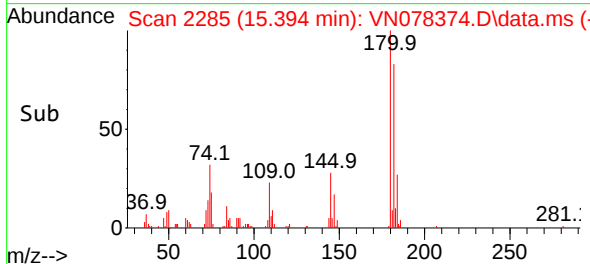
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



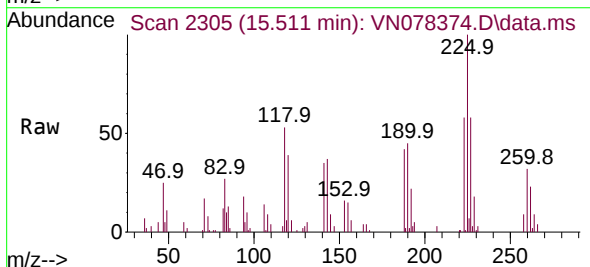
Tgt Ion:180 Resp: 42620
Ion Ratio Lower Upper
180 100
182 97.3 73.7 110.5
145 33.0 25.0 37.6

Manual Integrations
APPROVED

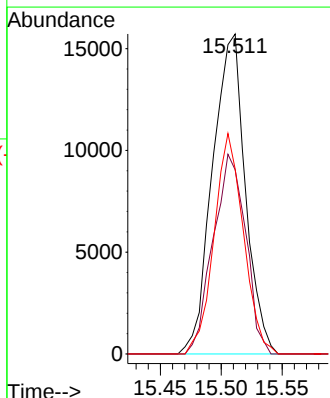
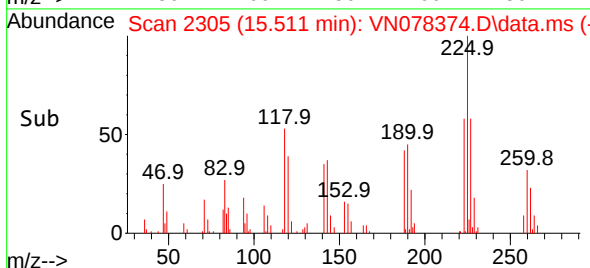
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

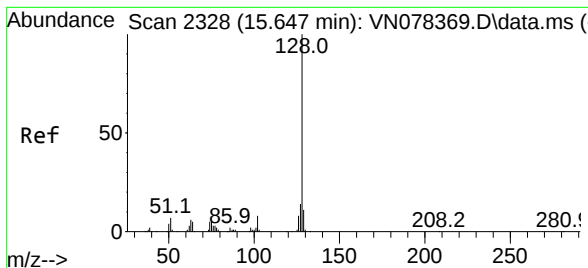


#90
Hexachlorobutadiene
Concen: 18.096 ug/l
RT: 15.511 min Scan# 2305
Delta R.T. 0.006 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21



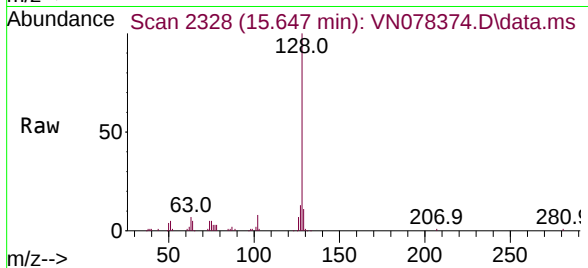
Tgt Ion:225 Resp: 29492
Ion Ratio Lower Upper
225 100
223 61.7 0.0 130.0
227 61.7 0.0 124.0





#91
Naphthalene
Concen: 17.408 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

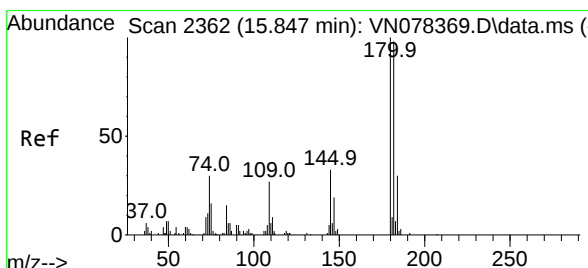
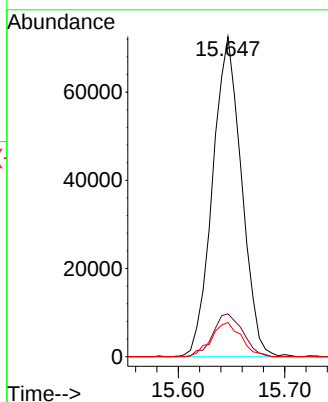
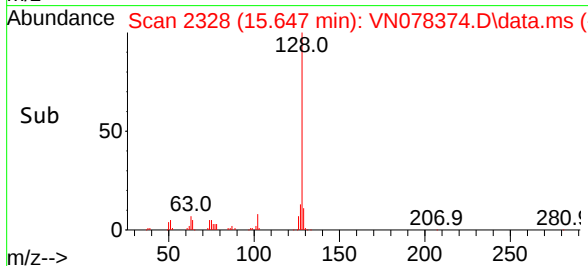
Instrument :
MSVOA_N
ClientSampleId :
VN0623WBS01



Tgt Ion:128 Resp: 136730
Ion Ratio Lower Upper
128 100
127 14.0 10.2 15.2
129 11.0 9.0 13.4

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 18.407 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN078374.D
Acq: 23 Jun 2023 13:21

Tgt Ion:180 Resp: 51047
Ion Ratio Lower Upper
180 100
182 106.3 0.0 196.4
145 37.8 0.0 71.0

