

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062323\
 Data File : VN078366.D
 Acq On : 23 Jun 2023 09:58
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Jun 24 00:30:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 24 00:28:04 2023
 Response via : Initial Calibration

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	7.824	128	82439	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	443939	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	397724	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	180296	29.043	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	96.800%		
60) 4-Bromofluorobenzene	12.853	95	165377	29.513	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.367%		
63) Toluene-d8	10.571	98	581842	30.193	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.633%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	93475	18.721	ug/l	99
3) Chloromethane	2.371	50	116899	19.413	ug/l	90
4) Vinyl Chloride	2.524	62	142373	19.221	ug/l	99
5) Bromomethane	2.971	94	96735	16.065	ug/l	96
6) Chloroethane	3.130	64	106213	20.132	ug/l	97
7) Trichlorofluoromethane	3.506	101	163817	18.791	ug/l	95
8) Diethyl Ether	3.971	74	53386	18.345	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	85374	18.015	ug/l	97
10) 1,1-Dichloroethene	4.353	96	84535	18.193	ug/l	94
11) Methyl Iodide	4.600	142	122121	18.551	ug/l	99
12) Methyl Acetate	5.042	43	132932	18.446	ug/l	96
13) Acrolein	4.189	56	82499	91.397	ug/l	99
14) Acrylonitrile	5.736	53	179976	90.959	ug/l	98
15) Acetone	4.436	58	53582	96.698	ug/l	93
16) Carbon Disulfide	4.724	76	222409	17.516	ug/l	98
17) Allyl chloride	5.036	41	105884	18.131	ug/l	92
18) Methylene Chloride	5.283	84	101359	18.409	ug/l	97
19) trans-1,2-Dichloroethene	5.794	96	91345	17.813	ug/l	92
20) Diisopropyl ether	6.689	45	252935	18.067	ug/l	98
21) 1,1-Dichloroethane	6.577	63	168663	18.163	ug/l #	95
22) cis-1,2-Dichloroethene	7.500	96	104831	17.970	ug/l	99
23) tert-Butyl Alcohol	5.536	59	63658	87.508	ug/l #	100
24) Methyl tert-Butyl Ether	5.806	73	262201	17.896	ug/l	97
25) Chloroform	7.977	83	181938	18.540	ug/l	99
26) Cyclohexane	8.265	56	121887	18.340	ug/l #	100
29) 1,1-Dichloropropene	8.383	75	131075	19.046	ug/l	100
30) 2-Butanone	7.494	43	226498	93.898	ug/l	98
31) 2,2-Dichloropropane	7.500	77	140230	19.058	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	160806	19.177	ug/l	98
33) Carbon Tetrachloride	8.371	117	141026	19.289	ug/l	95
34) Benzene	8.612	78	393564	19.178	ug/l	99
35) Methacrylonitrile	7.788	41	49262	17.796	ug/l	94
36) 1,2-Dichloroethane	8.677	62	130600	18.666	ug/l	99
37) Trichloroethene	9.359	130	97794	18.651	ug/l	93
38) Methylcyclohexane	9.606	83	111216	18.394	ug/l	96
39) 1,2-Dichloropropane	9.630	63	98506	19.162	ug/l	99
40) Dibromomethane	9.718	93	69539	18.746	ug/l	98
41) Bromodichloromethane	9.894	83	140270	19.464	ug/l	97
42) Vinyl Acetate	6.612	43	729840	94.980	ug/l	99

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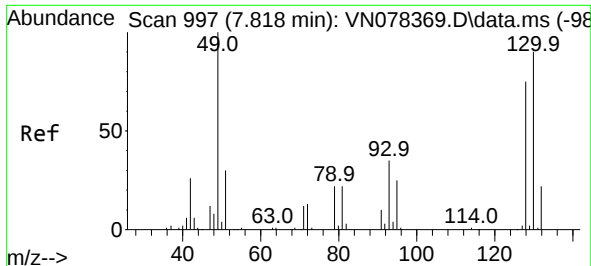
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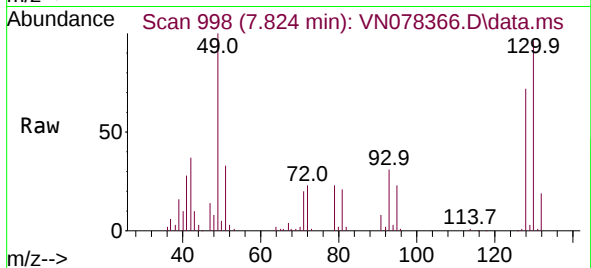
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	98154m	19.838	ug/l	
44) Isopropyl Acetate	8.694	43	167308	18.238	ug/l	98
45) 1,4-Dioxane	9.700	88	31005	392.371	ug/l	94
46) Methyl methacrylate	9.688	41	81655	19.996	ug/l	91
47) n-amyl Acetate	12.500	43	126156	18.708	ug/l	100
48) t-1,3-Dichloropropene	10.841	75	138096	18.668	ug/l	94
49) cis-1,3-Dichloropropene	10.318	75	157016	19.256	ug/l	100
50) 1,1,2-Trichloroethane	11.024	97	95672	19.238	ug/l	98
51) Ethyl methacrylate	10.882	69	126008	18.522	ug/l	88
52) 1,3-Dichloropropane	11.171	76	160175	19.191	ug/l	99
53) Dibromochloromethane	11.365	129	101143	19.176	ug/l	95
54) 1,2-Dibromoethane	11.471	107	95060	18.966	ug/l	97
55) 2-Chloroethyl vinyl ether	10.171	63	254052	101.223	ug/l	98
56) Bromoform	12.582	173	61707	19.112	ug/l	96
58) 4-Methyl-2-Pentanone	10.453	43	485385	91.388	ug/l	100
59) 2-Hexanone	11.200	43	333962	91.044	ug/l	99
61) Tetrachloroethene	11.112	164	80076	18.374	ug/l	95
62) Toluene	10.635	91	431466	18.640	ug/l	100
64) Chlorobenzene	11.900	112	250795	18.280	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.965	131	95435	18.039	ug/l	98
66) Ethyl Benzene	11.971	91	434332	18.440	ug/l	96
67) m/p-Xylenes	12.076	106	335671	37.691	ug/l	99
68) o-Xylene	12.400	106	158512	18.355	ug/l	95
69) Styrene	12.418	104	255453	18.682	ug/l	98
70) Isopropylbenzene	12.700	105	395686	18.646	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	129938	18.829	ug/l	99
72) 1,2,3-Trichloropropane	13.000	75	98719m	16.229	ug/l	
73) Bromobenzene	12.988	156	90840	17.905	ug/l	97
74) n-propylbenzene	13.041	91	423945	18.372	ug/l	99
75) 2-Chlorotoluene	13.129	91	277087	17.739	ug/l	100
76) 1,3,5-Trimethylbenzene	13.176	105	320243	18.200	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	32540	17.502	ug/l	76
78) 4-Chlorotoluene	13.223	91	252339	17.263	ug/l	99
79) tert-butylbenzene	13.441	119	249025	17.204	ug/l	95
80) 1,2,4-Trimethylbenzene	13.488	105	306516	18.435	ug/l	99
81) sec-Butylbenzene	13.623	105	327218	18.121	ug/l	99
82) p-Isopropyltoluene	13.735	119	266136	18.323	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	146068	18.165	ug/l	99
84) 1,4-Dichlorobenzene	13.817	146	140211	18.034	ug/l	100
85) n-Butylbenzene	14.059	91	188646	17.583	ug/l	97
86) Hexachloroethane	14.335	117	52579	18.808	ug/l	98
87) 1,2-Dichlorobenzene	14.112	146	148102	18.581	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	18713	17.997	ug/l	95
89) 1,2,4-Trichlorobenzene	15.400	180	39055	16.069	ug/l	98
90) Hexachlorobutadiene	15.506	225	26964	16.318	ug/l	98
91) Naphthalene	15.647	128	111883	14.049	ug/l	98
92) 1,2,3-Trichlorobenzene	15.847	180	43765	15.565	ug/l	94

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

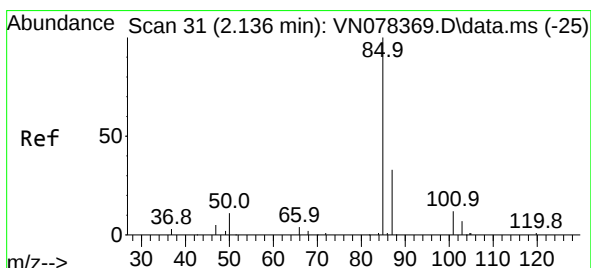
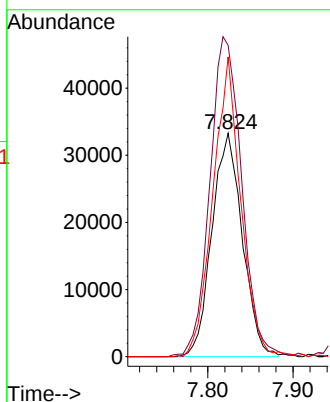
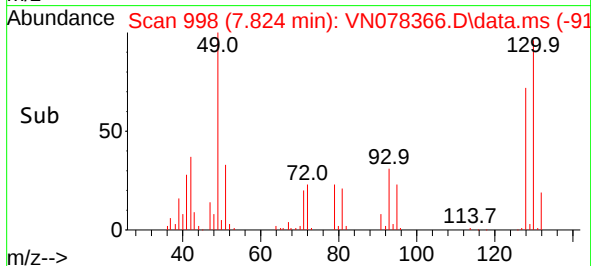
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:128 Resp: 82439
Ion Ratio Lower Upper
128 100
49 147.4 0.0 370.8
130 121.9 0.0 307.0

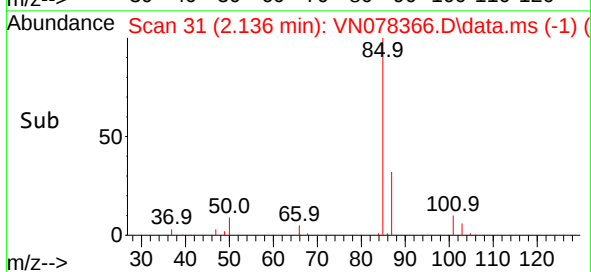
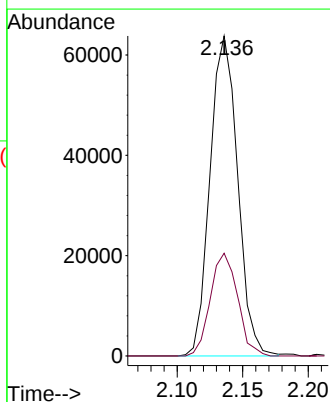
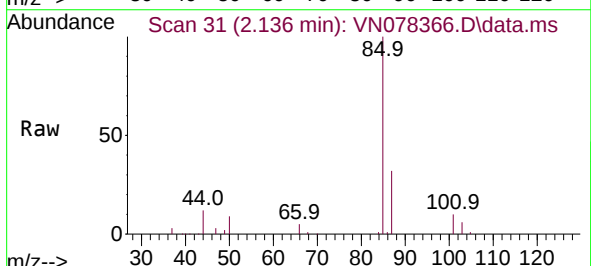
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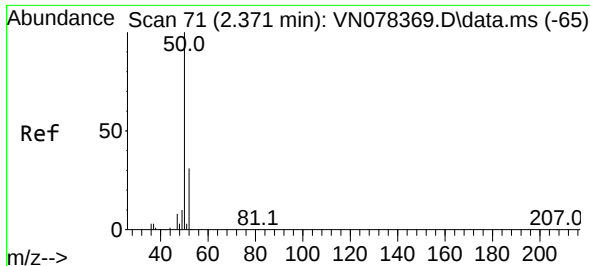
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#2
Dichlorodifluoromethane
Concen: 18.721 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

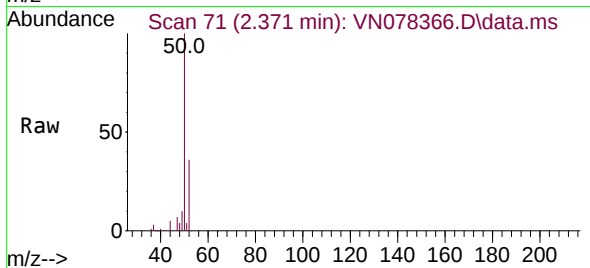
Tgt Ion: 85 Resp: 93475
Ion Ratio Lower Upper
85 100
87 32.1 16.4 49.4





#3
Chloromethane
Concen: 19.413 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

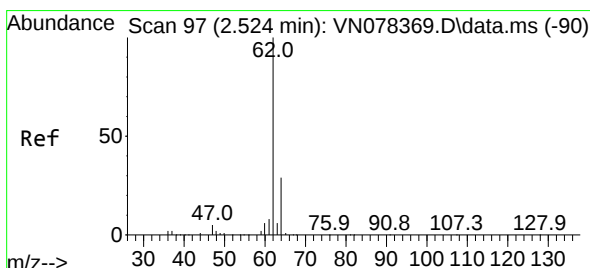
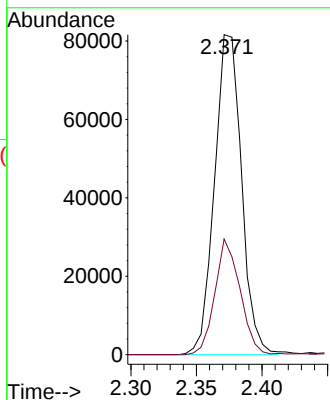
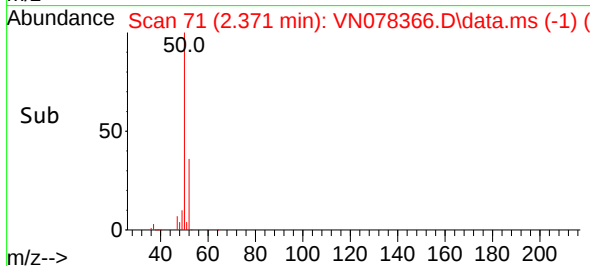
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



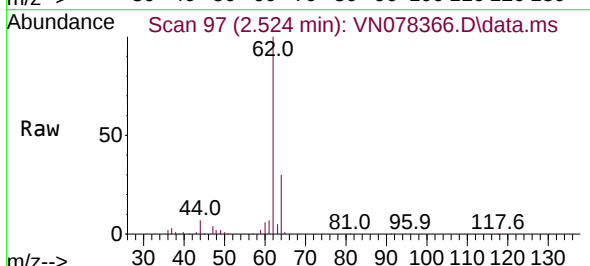
Tgt Ion: 50 Resp: 11689
Ion Ratio Lower Upper
50 100
52 36.1 24.6 36.8

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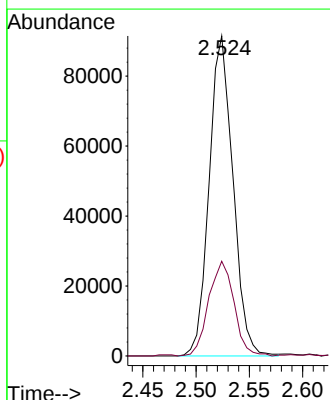
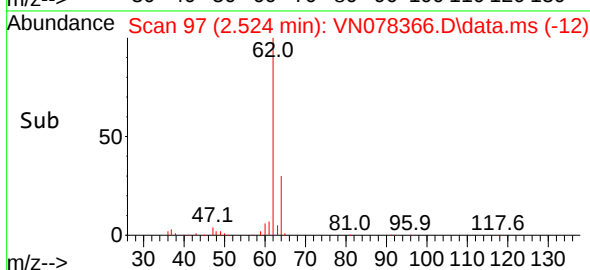
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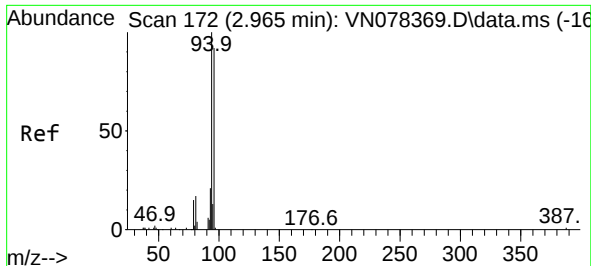


#4
Vinyl Chloride
Concen: 19.221 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58



Tgt Ion: 62 Resp: 142373
Ion Ratio Lower Upper
62 100
64 29.6 23.3 34.9





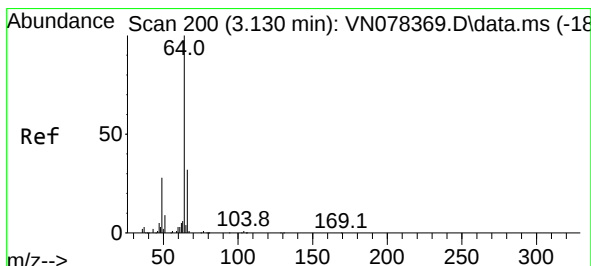
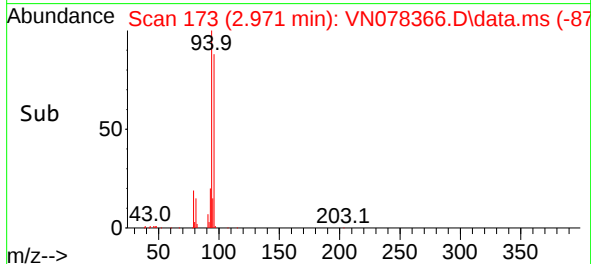
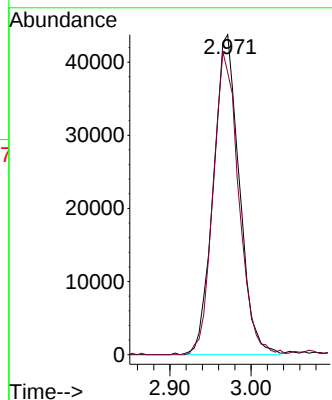
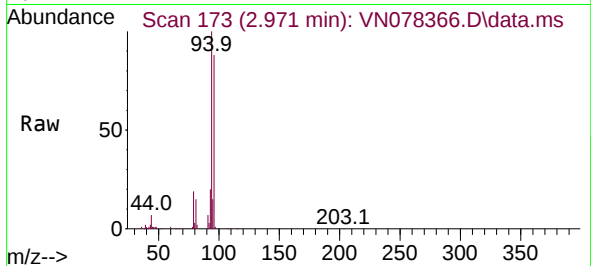
#5
Bromomethane
Concen: 16.065 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

Instrument :
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ClientSampleId :
VSTDICC020

Tgt Ion: 94 Resp: 96735
Ion Ratio Lower Upper
94 100
96 88.1 73.9 110.9

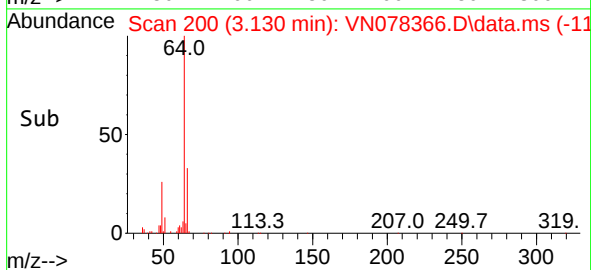
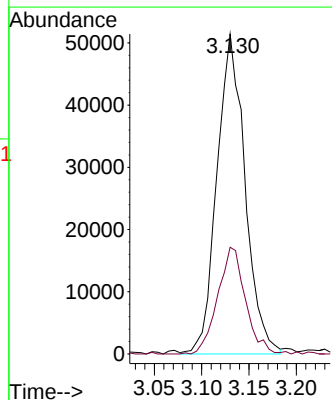
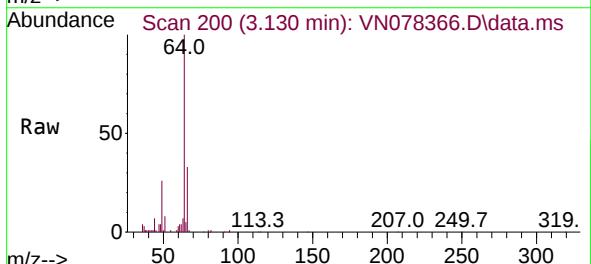
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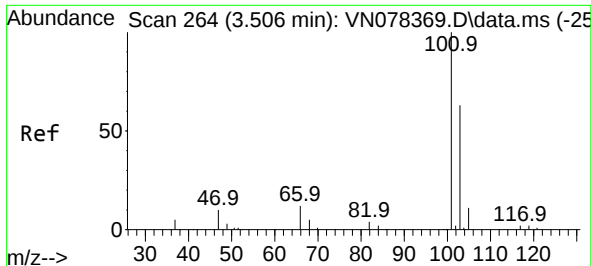
Reviewed By :John Carlone 06/24/2023
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#6
Chloroethane
Concen: 20.132 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

Tgt Ion: 64 Resp: 106213
Ion Ratio Lower Upper
64 100
66 33.5 25.7 38.5





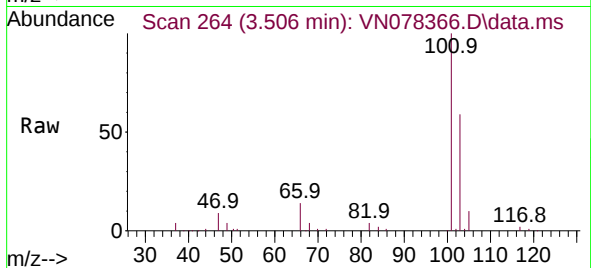
#7
 Trichlorofluoromethane
 Concen: 18.791 ug/l
 RT: 3.506 min Scan# 264
 Delta R.T. 0.000 min
 Lab File: VN078366.D
 Acq: 23 Jun 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020



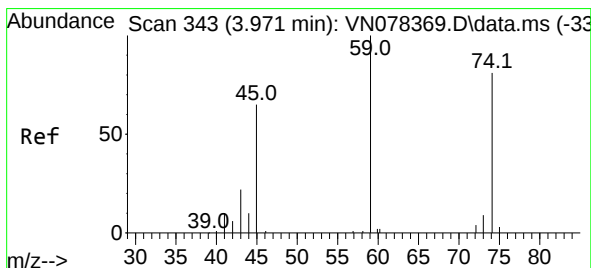
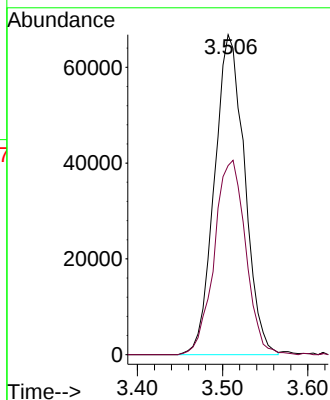
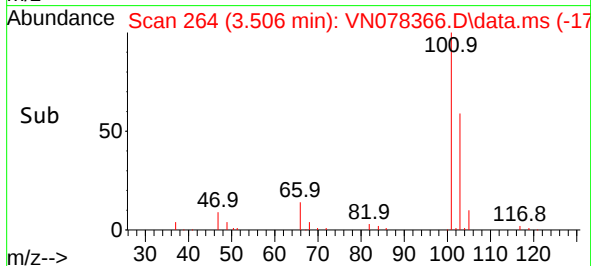
Tgt Ion:101 Resp: 16381
 Ion Ratio Lower Upper
 101 100
 103 59.1 50.4 75.6

Manual Integrations

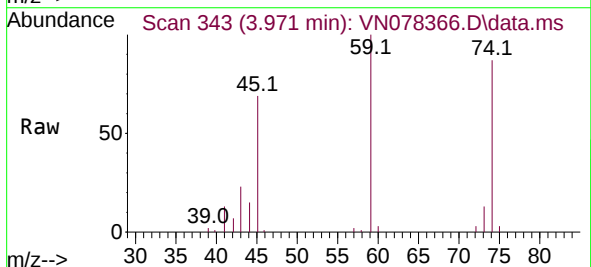
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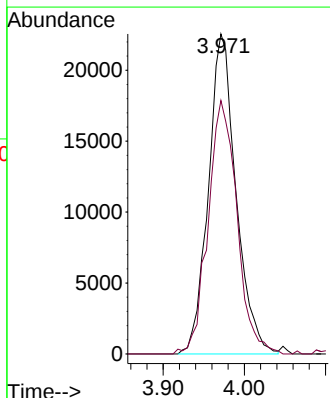
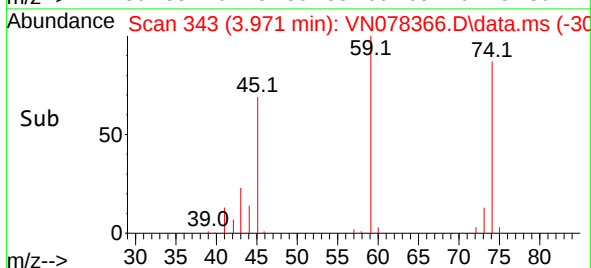
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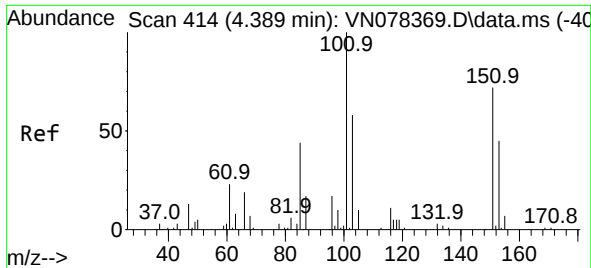


#8
 Diethyl Ether
 Concen: 18.345 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
 Lab File: VN078366.D
 Acq: 23 Jun 2023 09:58



Tgt Ion: 74 Resp: 53386
 Ion Ratio Lower Upper
 74 100
 45 82.3 16.3 146.5





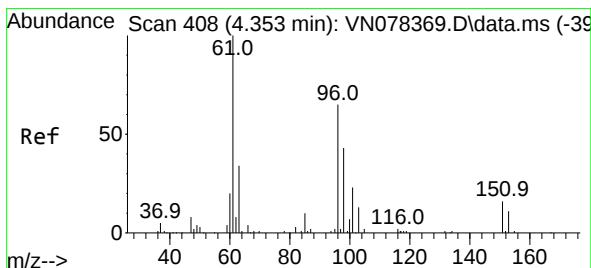
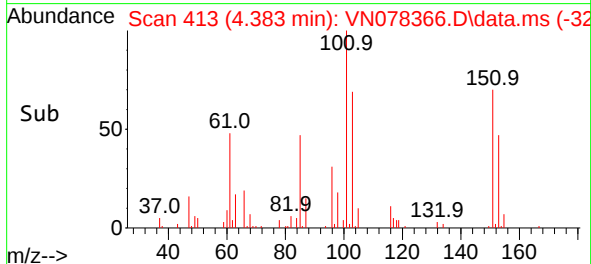
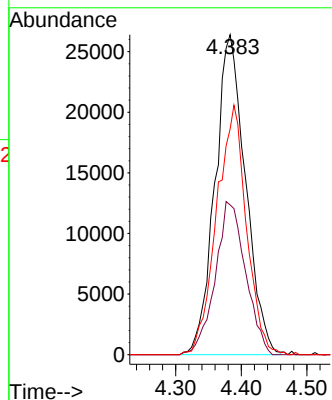
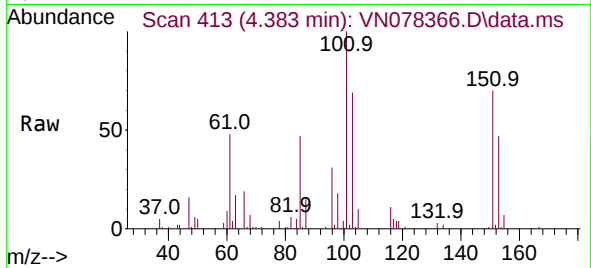
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 1,1,2-Trichlorotrifluoroethane
 Concen: 18.015 ug/l
 RT: 4.383 min Scan# 414
 Delta R.T. -0.006 min
 Lab File: VN078366.D
 Acq: 23 Jun 2023 09:58

Instrument :
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 VSTDIC020

Tgt Ion: 101 Resp: 85374
 Ion Ratio Lower Upper
 101 100
 85 47.5 0.0 89.2
 151 76.1 0.0 148.8

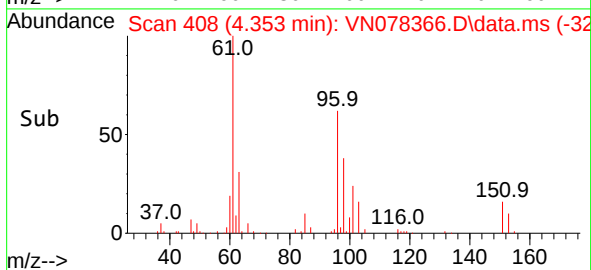
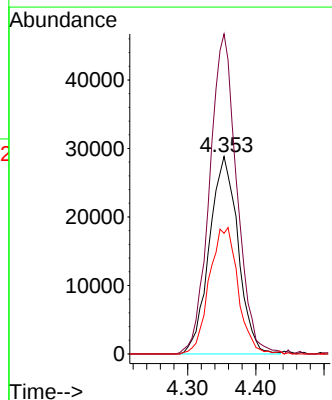
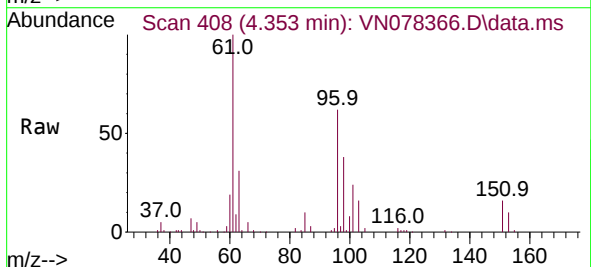
Manual Integrations
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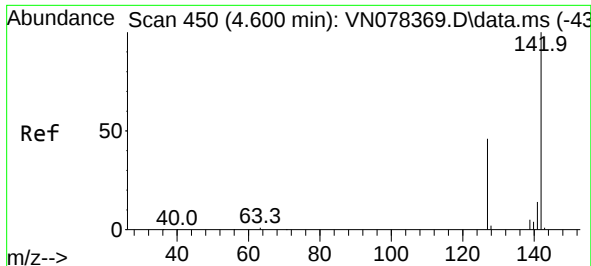
Reviewed By : John Carlone 06/24/2023
 Supervised By : Mahesh Dadoda 06/26/2023



#10
 1,1-Dichloroethene
 Concen: 18.193 ug/l
 RT: 4.353 min Scan# 408
 Delta R.T. 0.000 min
 Lab File: VN078366.D
 Acq: 23 Jun 2023 09:58

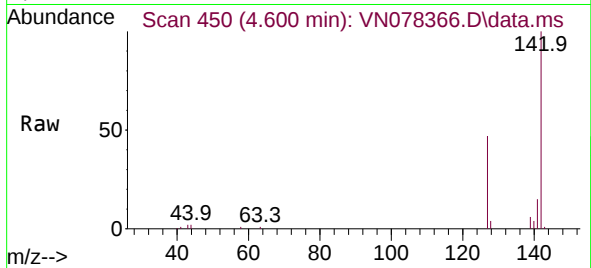
Tgt Ion: 96 Resp: 84535
 Ion Ratio Lower Upper
 96 100
 61 161.3 123.4 185.2
 98 61.1 53.7 80.5





#11
Methyl Iodide
Concen: 18.551 ug/l
RT: 4.600 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

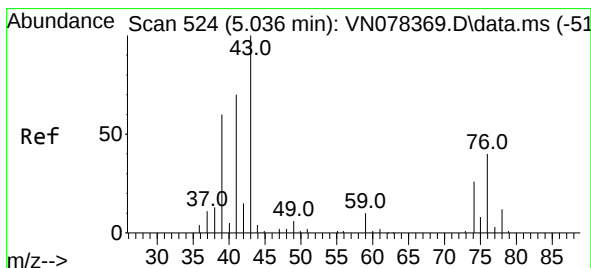
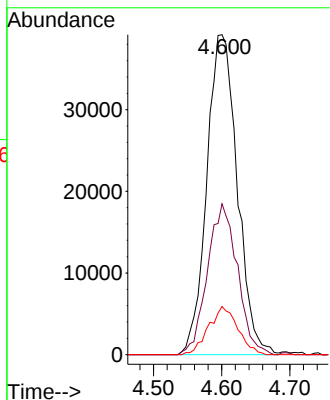
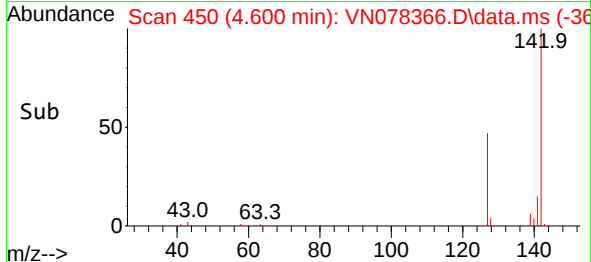
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:142 Resp: 12212
Ion Ratio Lower Upper
142 100
127 47.3 23.2 69.5
141 15.1 7.2 21.7

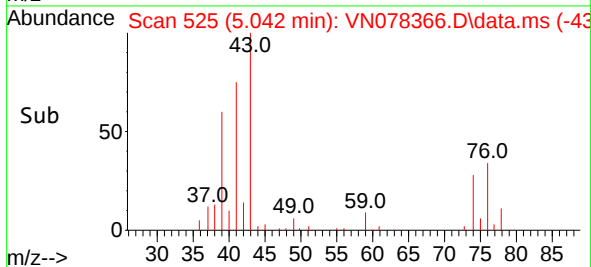
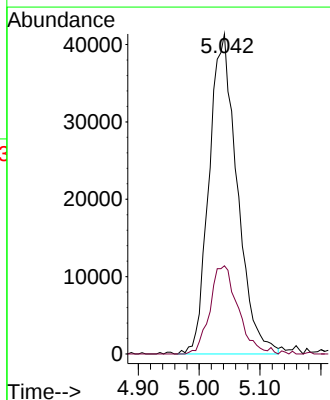
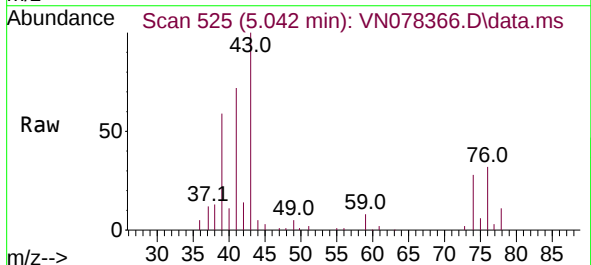
Manual Integrations
APPROVED

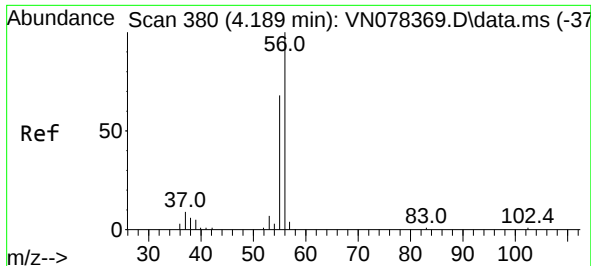
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#12
Methyl Acetate
Concen: 18.446 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

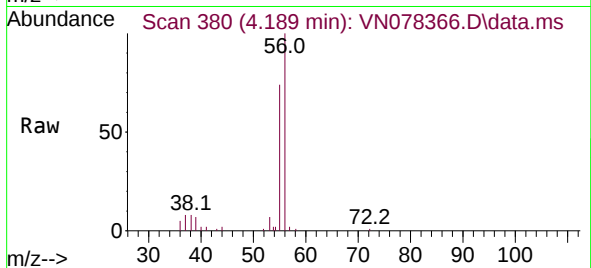
Tgt Ion: 43 Resp: 132932
Ion Ratio Lower Upper
43 100
74 27.8 20.5 30.7





#13
Acrolein
Concen: 91.397 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

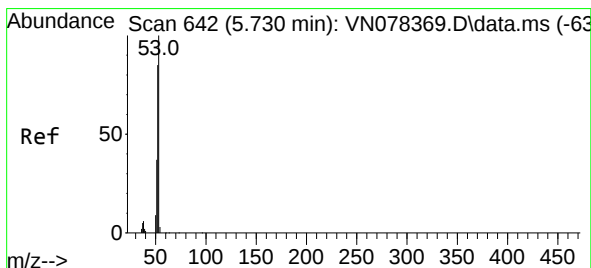
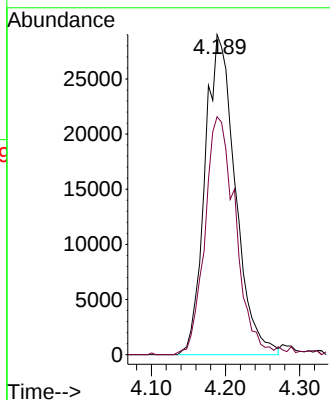
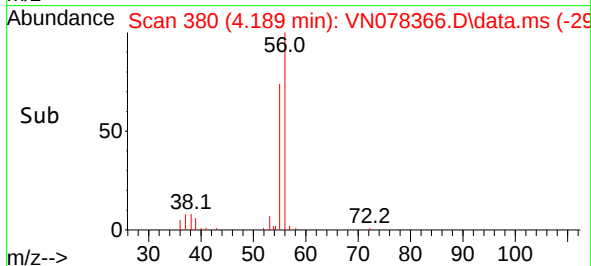
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 82499
Ion Ratio Lower Upper
56 100
55 74.6 59.0 88.4

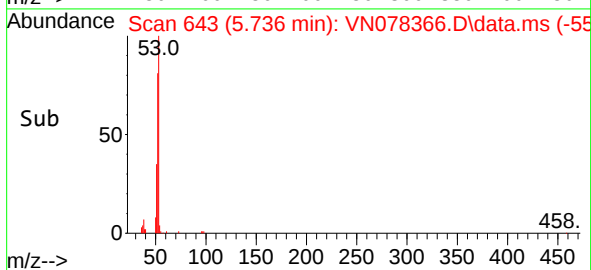
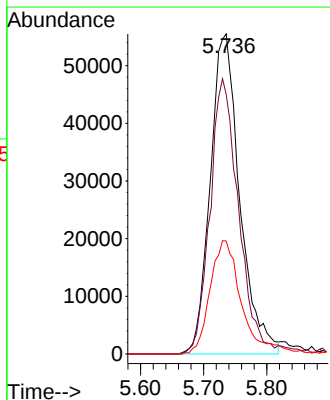
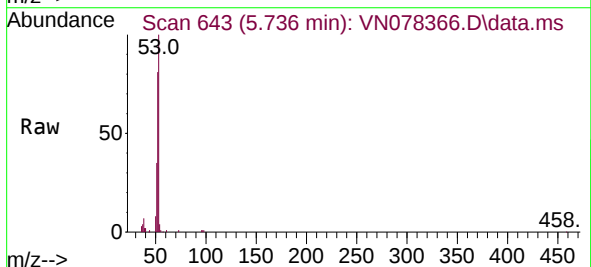
Manual Integrations
APPROVED

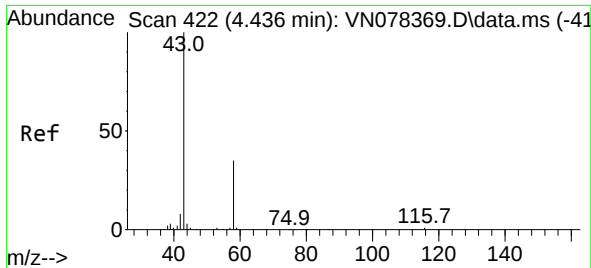
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#14
Acrylonitrile
Concen: 90.959 ug/l
RT: 5.736 min Scan# 643
Delta R.T. 0.006 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

Tgt Ion: 53 Resp: 179976
Ion Ratio Lower Upper
53 100
52 82.7 42.3 126.9
51 37.6 18.4 55.4





#15

Acetone

Concen: 96.698 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN078366.D

Acq: 23 Jun 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 58 Resp: 5358

Ion Ratio Lower Upper

58 100

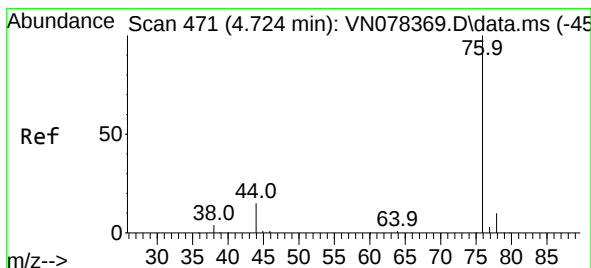
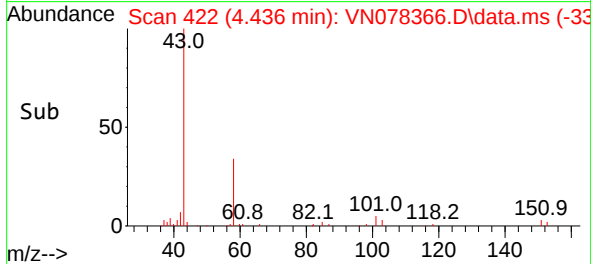
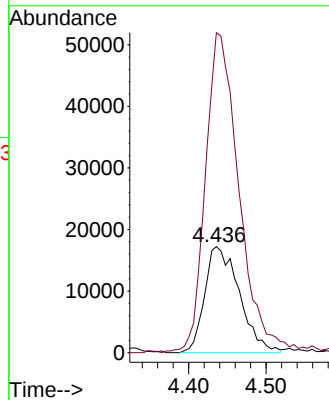
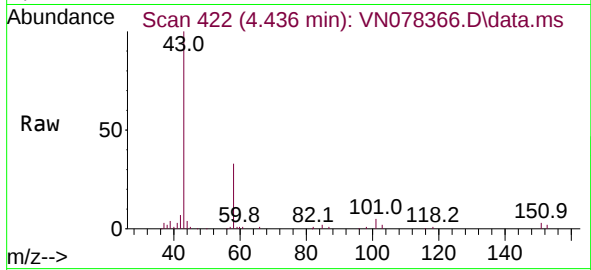
43 298.4 227.5 341.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#16

Carbon Disulfide

Concen: 17.516 ug/l

RT: 4.724 min Scan# 471

Delta R.T. 0.000 min

Lab File: VN078366.D

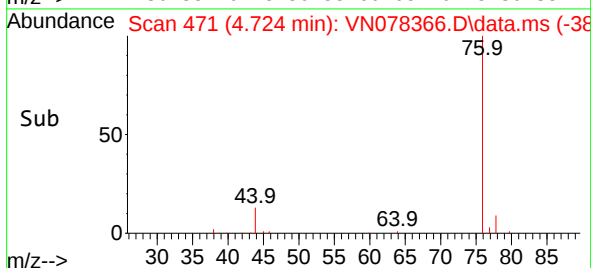
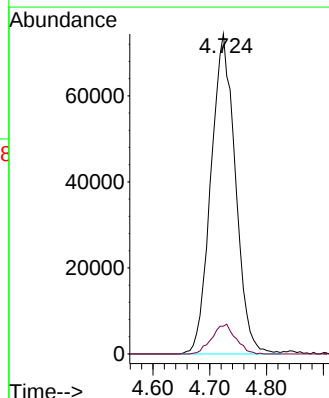
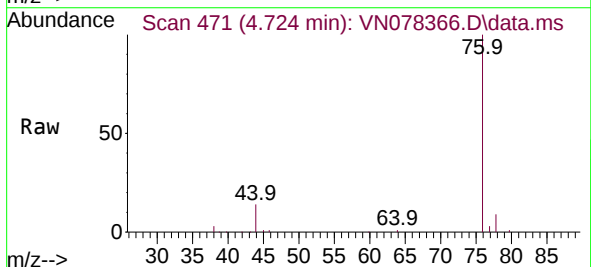
Acq: 23 Jun 2023 09:58

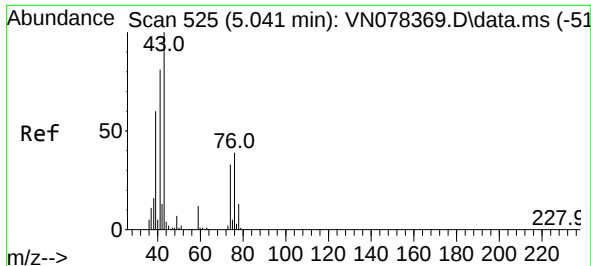
Tgt Ion: 76 Resp: 222409

Ion Ratio Lower Upper

76 100

78 8.7 7.7 11.5





#17
 Allyl chloride
 Concen: 18.131 ug/l
 RT: 5.036 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN078366.D
 Acq: 23 Jun 2023 09:58

Instrument :

MSVOA_N

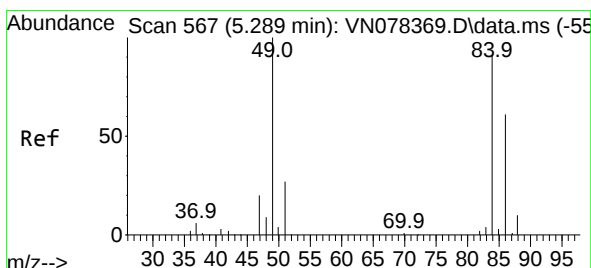
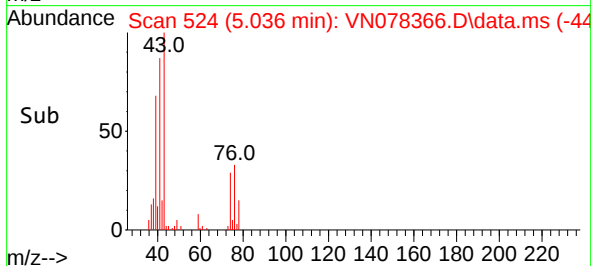
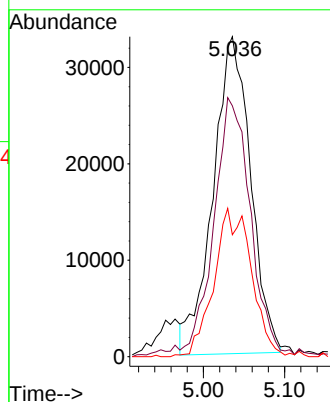
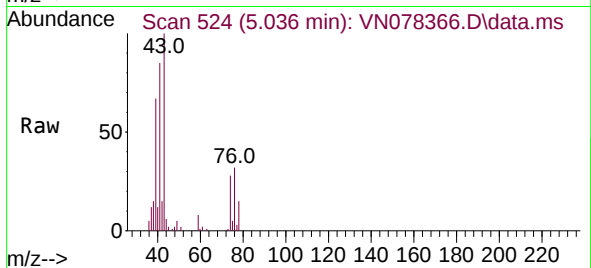
ClientSampleId :

VSTDICC020

Tgt Ion: 41 Resp: 105884
 Ion Ratio Lower Upper
 41 100
 39 78.8 37.6 112.8
 76 38.7 23.8 71.4

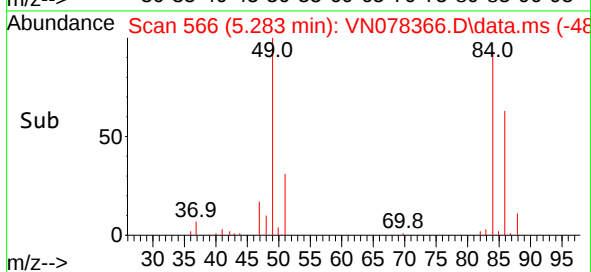
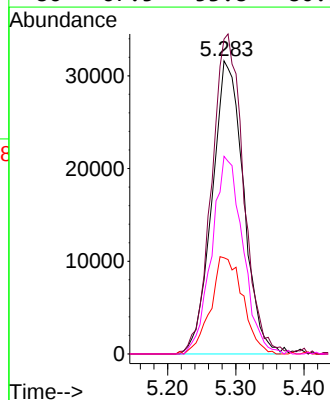
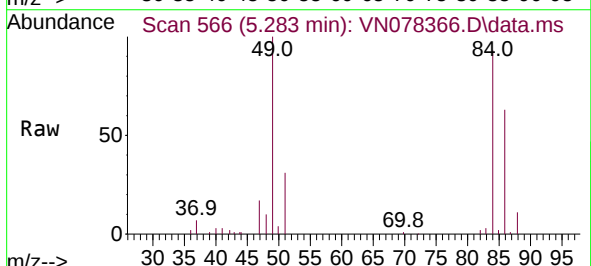
Manual Integrations
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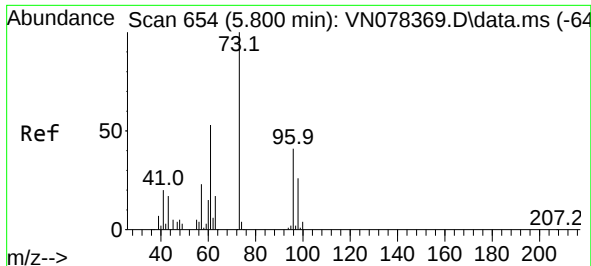
Reviewed By :John Carlone 06/24/2023
 Supervised By :Mahesh Dadoda 06/26/2023



#18
 Methylene Chloride
 Concen: 18.409 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. -0.006 min
 Lab File: VN078366.D
 Acq: 23 Jun 2023 09:58

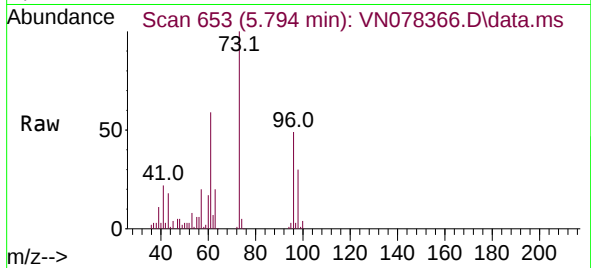
Tgt Ion: 84 Resp: 101359
 Ion Ratio Lower Upper
 84 100
 49 106.6 88.1 132.1
 51 32.8 24.0 36.0
 86 67.5 53.8 80.8





#19
trans-1,2-Dichloroethene
Concen: 17.813 ug/l
RT: 5.794 min Scan# 613
Delta R.T. -0.006 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

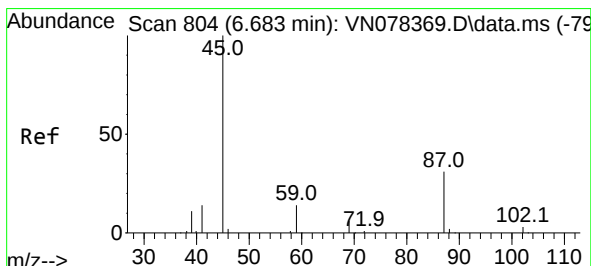
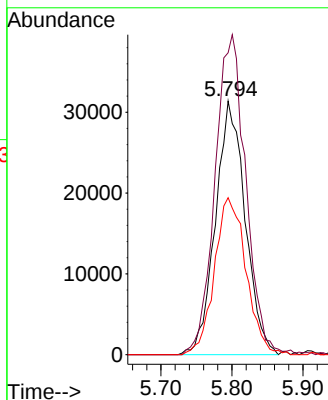
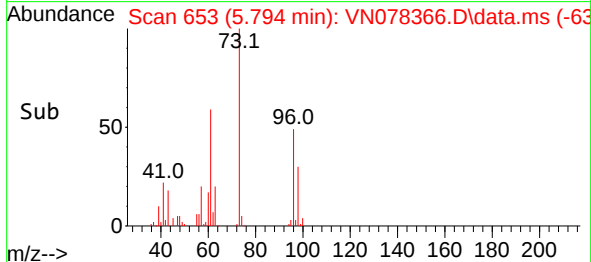
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



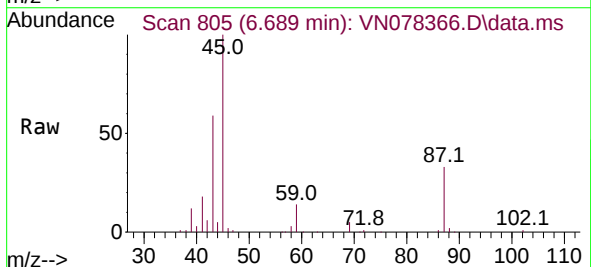
Tgt Ion: 96 Resp: 91345
Ion Ratio Lower Upper
96 100
61 119.0 105.2 157.8
98 61.9 50.5 75.7

Manual Integrations
APPROVED

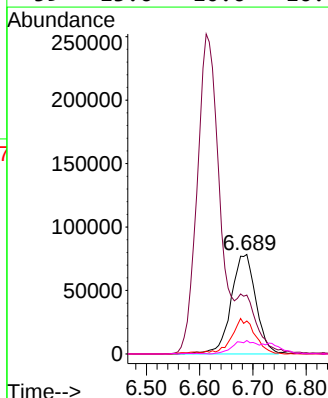
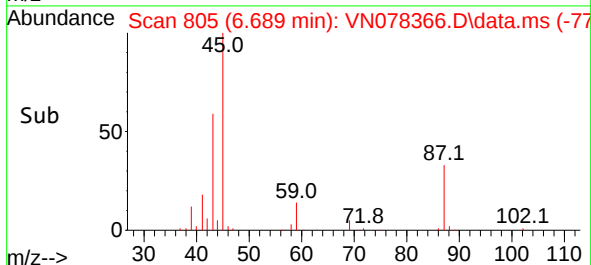
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

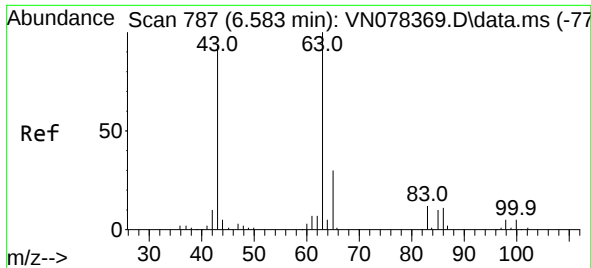


#20
Diisopropyl ether
Concen: 18.067 ug/l
RT: 6.689 min Scan# 805
Delta R.T. 0.006 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58



Tgt Ion: 45 Resp: 252935
Ion Ratio Lower Upper
45 100
43 57.1 43.6 65.4
87 32.3 25.8 38.6
59 13.6 10.6 16.0





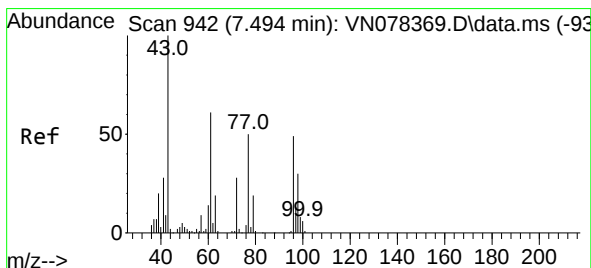
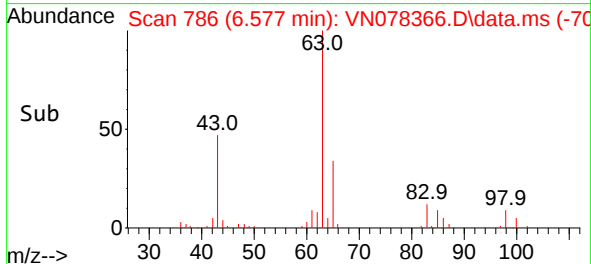
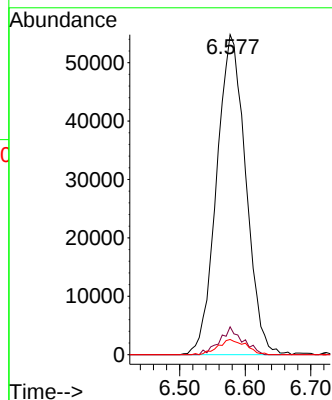
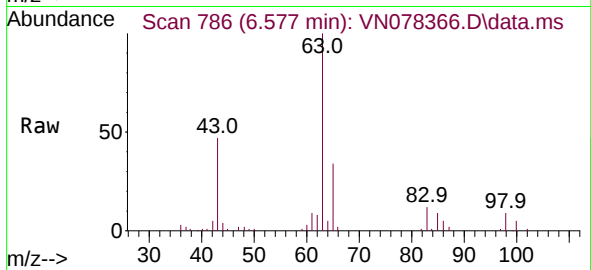
#21
1,1-Dichloroethane
Concen: 18.163 ug/l
RT: 6.577 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 16866
Ion Ratio Lower Upper
63 100
98 8.7 2.7 8.1
100 4.7 2.5 7.4

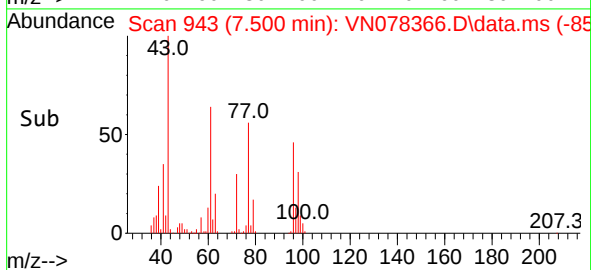
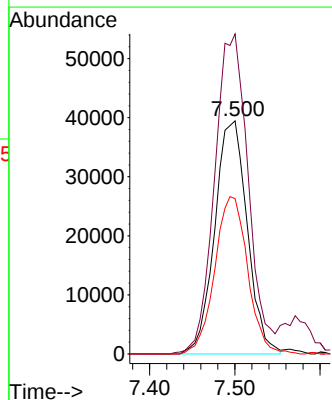
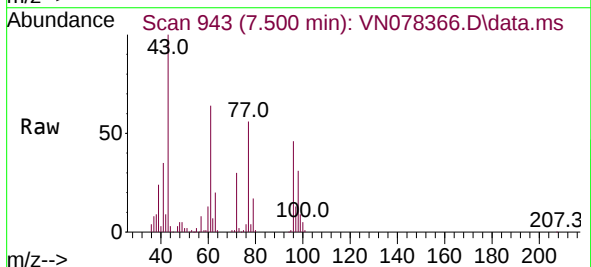
Manual Integrations
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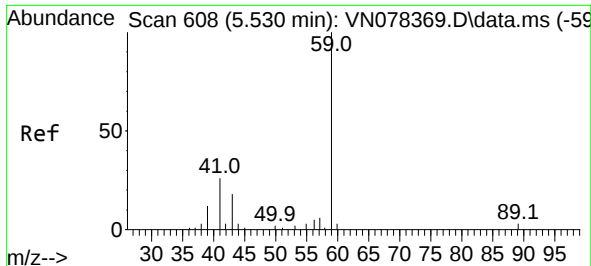
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#22
cis-1,2-Dichloroethene
Concen: 17.970 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

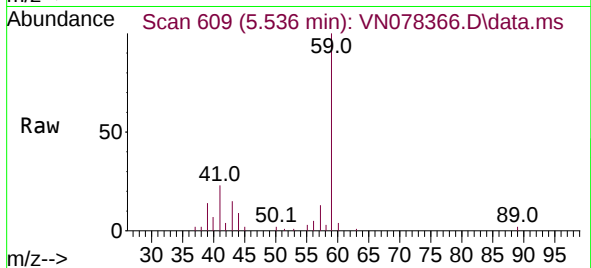
Tgt Ion: 96 Resp: 104831
Ion Ratio Lower Upper
96 100
61 141.7 113.8 170.6
98 68.1 52.2 78.4





#23
tert-Butyl Alcohol
Concen: 87.508 ug/l
RT: 5.536 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

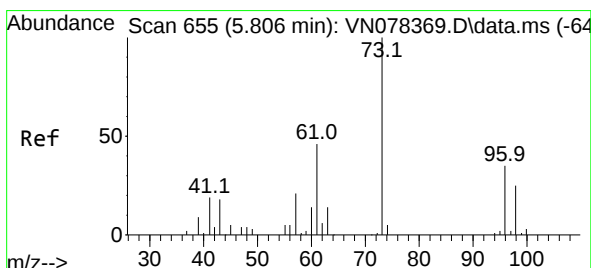
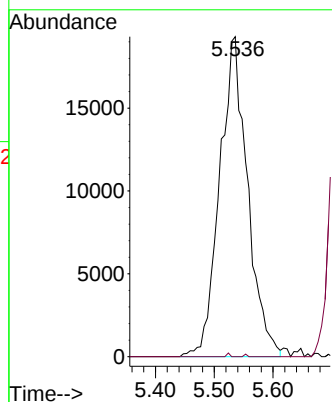
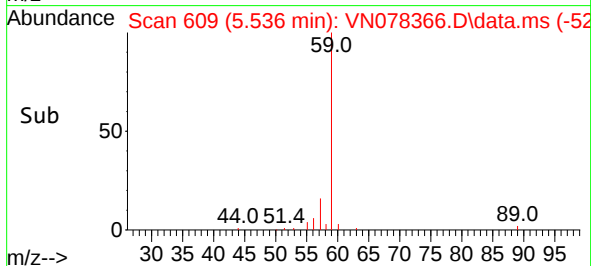
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 59 Resp: 63658
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

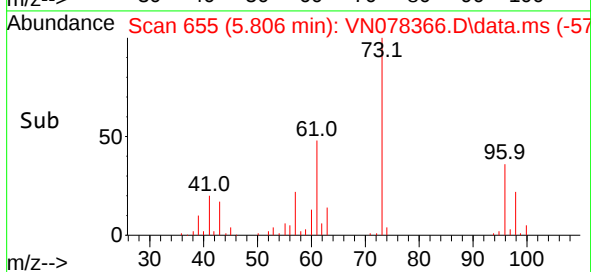
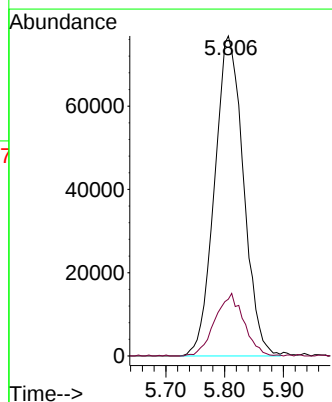
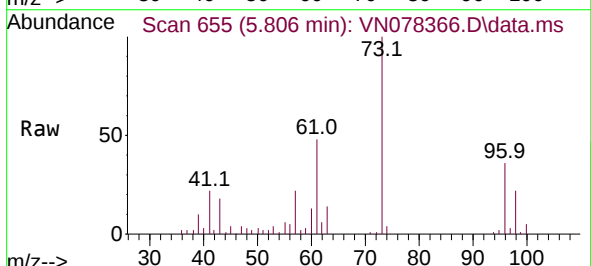
Manual Integrations
APPROVED

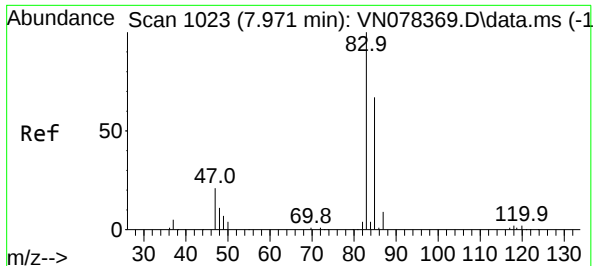
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#24
Methyl tert-Butyl Ether
Concen: 17.896 ug/l
RT: 5.806 min Scan# 655
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

Tgt Ion: 73 Resp: 262201
Ion Ratio Lower Upper
73 100
43 19.4 14.5 21.7





#25

Chloroform

Concen: 18.540 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN078366.D

Acq: 23 Jun 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 83 Resp: 181938

Ion Ratio Lower Upper

83 100

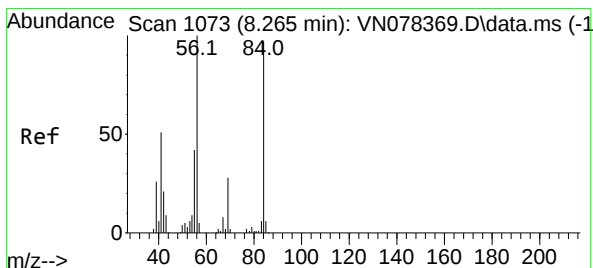
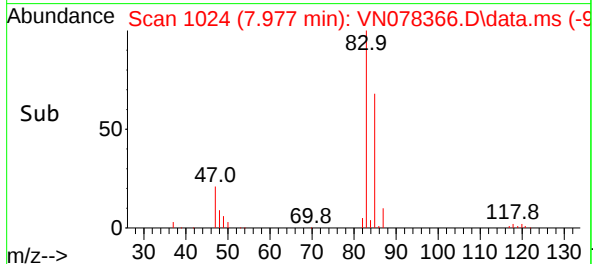
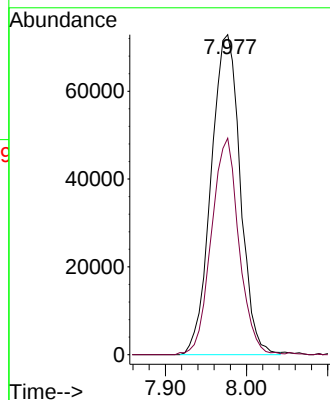
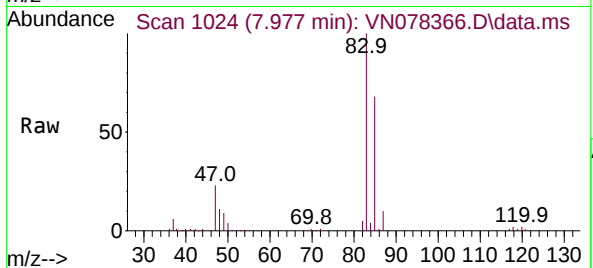
85 67.3 53.4 80.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#26

Cyclohexane

Concen: 18.340 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN078366.D

Acq: 23 Jun 2023 09:58

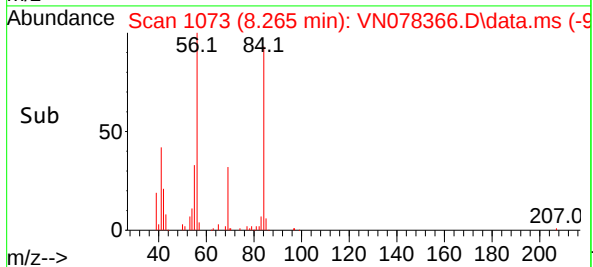
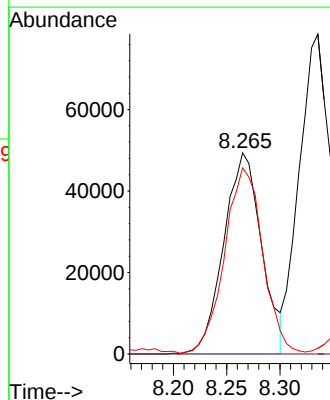
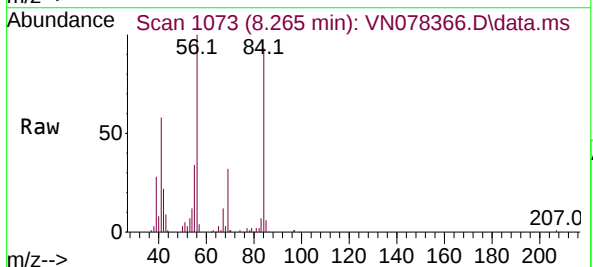
Tgt Ion: 56 Resp: 121887

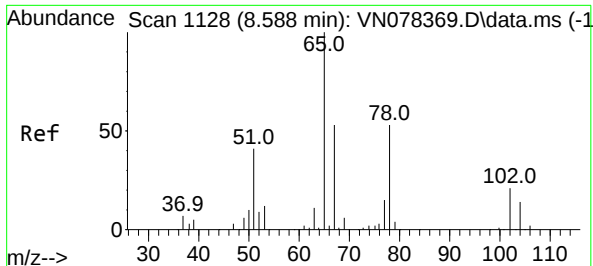
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 92.6 74.2 111.4





#27

1,2-Dichloroethane-d4

Concen: 29.043 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN078366.D

Acq: 23 Jun 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 180290

Ion Ratio Lower Upper

65 100

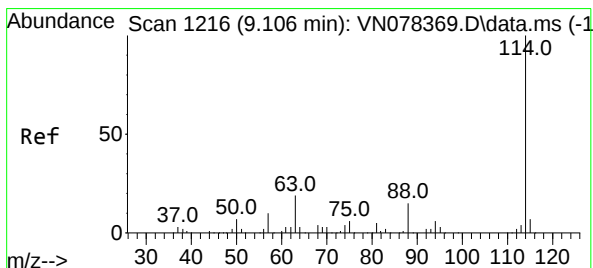
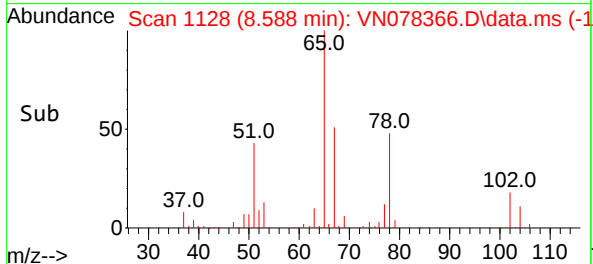
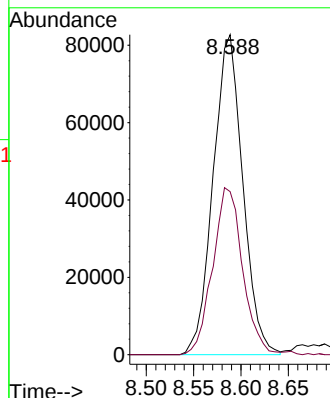
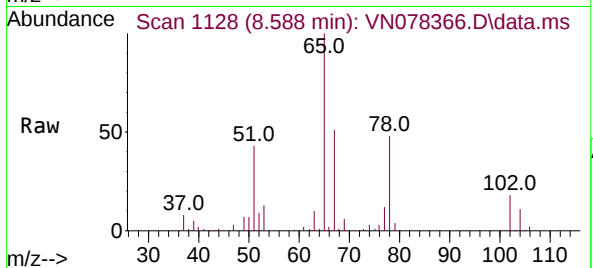
67 52.7 42.9 64.3

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: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078366.D

Acq: 23 Jun 2023 09:58

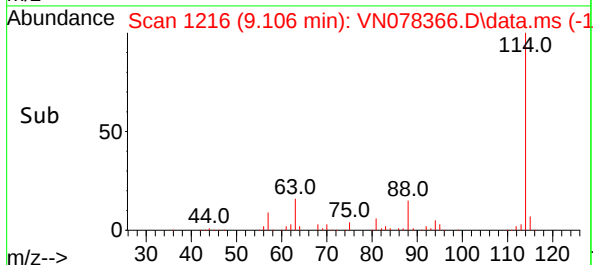
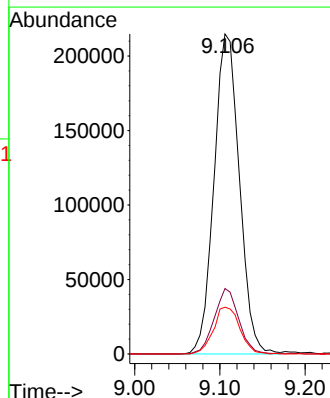
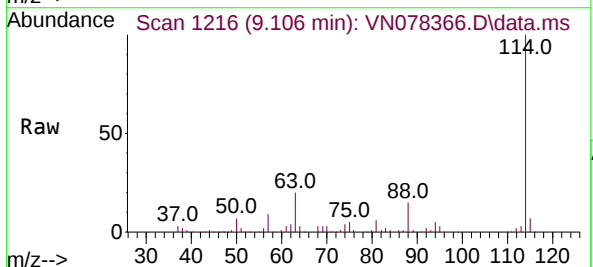
Tgt Ion:114 Resp: 443939

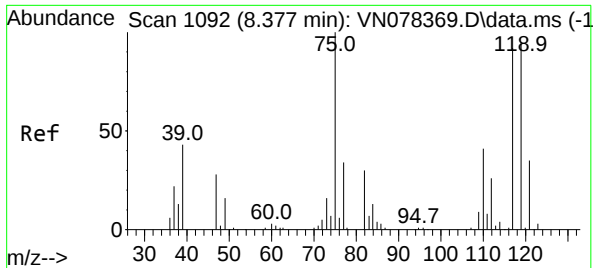
Ion Ratio Lower Upper

114 100

63 19.7 15.2 22.8

88 15.2 12.5 18.7





#29
1,1-Dichloropropene
Concen: 19.046 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

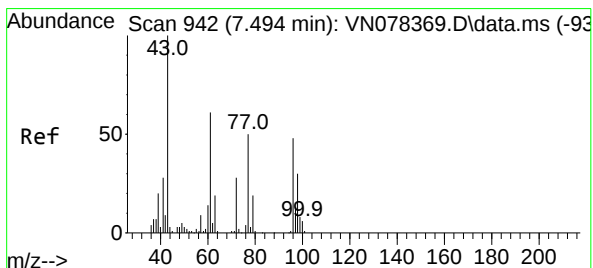
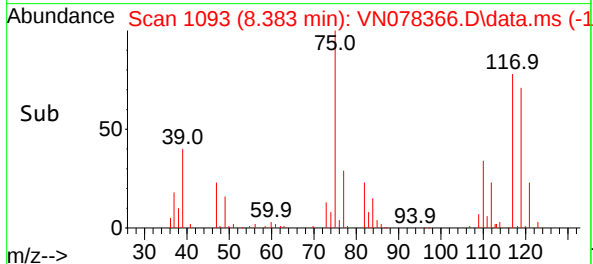
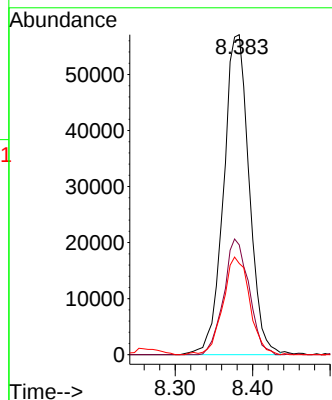
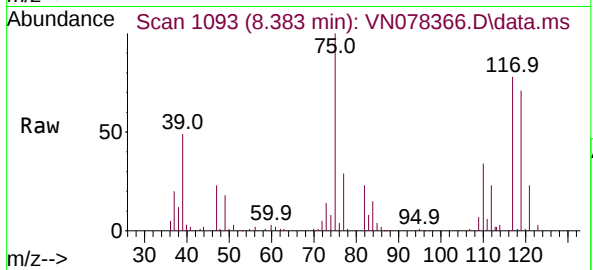
Tgt Ion: 75 Resp: 131075
Ion Ratio Lower Upper
75 100
110 35.7 0.0 72.2
77 31.5 0.0 62.8

Manual Integrations

APPROVED

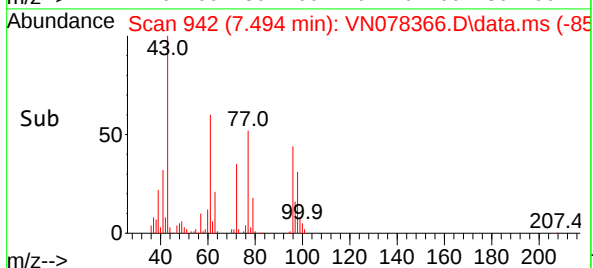
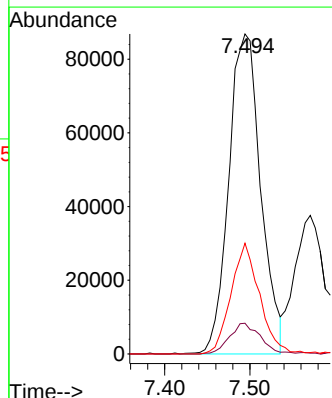
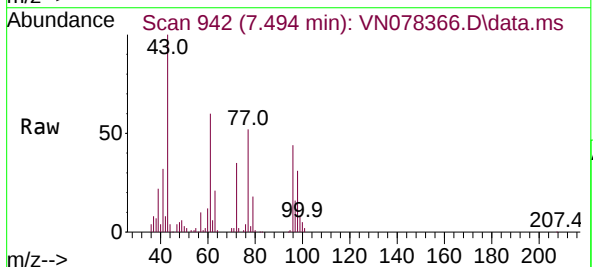
Reviewed By :John Carlone 06/24/2023

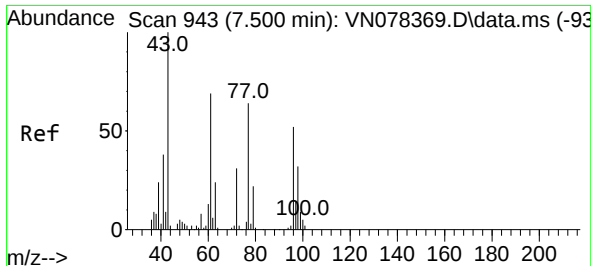
Supervised By :Mahesh Dadoda 06/26/2023



#30
2-Butanone
Concen: 93.898 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

Tgt Ion: 43 Resp: 226498
Ion Ratio Lower Upper
43 100
57 9.1 6.8 10.2
72 30.8 23.8 35.6





#31

2,2-Dichloropropane

Concen: 19.058 ug/l

RT: 7.500 min Scan# 943

Delta R.T. 0.000 min

Lab File: VN078366.D

Acq: 23 Jun 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 77 Resp: 140230

Ion Ratio Lower Upper

77 100

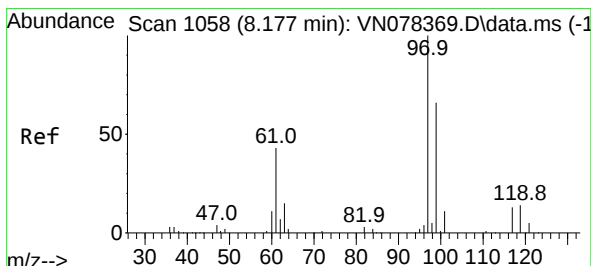
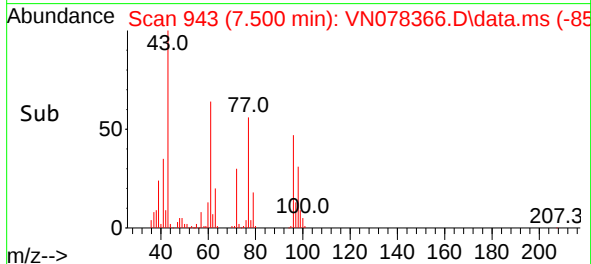
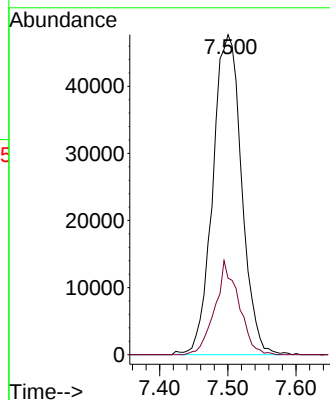
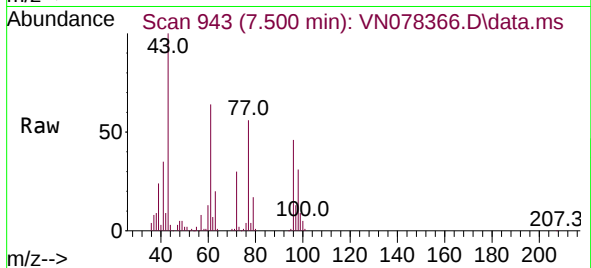
97 24.2 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#32

1,1,1-Trichloroethane

Concen: 19.177 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078366.D

Acq: 23 Jun 2023 09:58

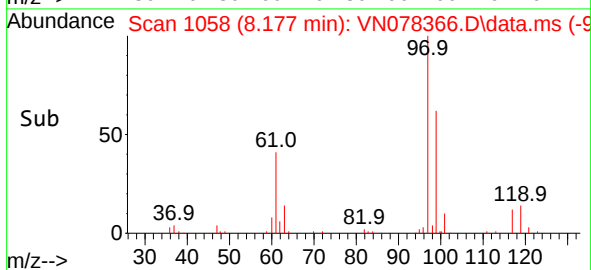
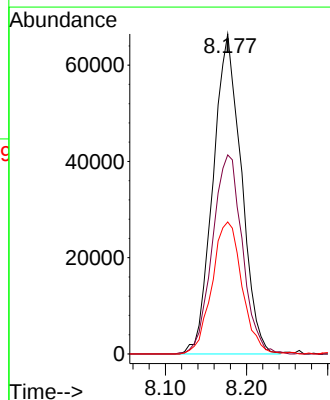
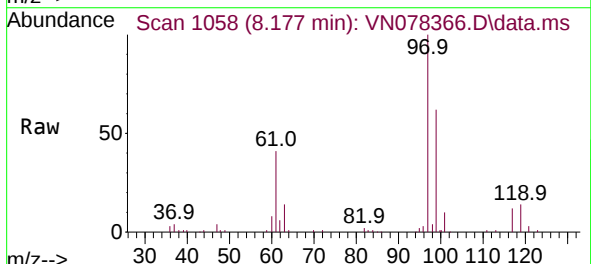
Tgt Ion: 97 Resp: 160806

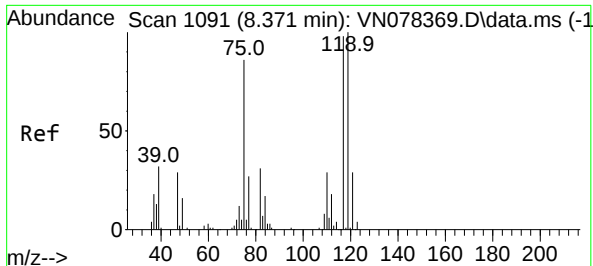
Ion Ratio Lower Upper

97 100

99 65.9 51.3 76.9

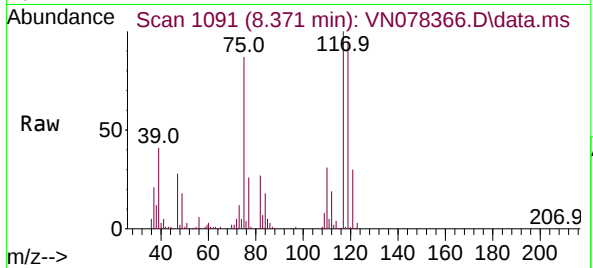
61 43.8 34.6 52.0





#33
Carbon Tetrachloride
Concen: 19.289 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

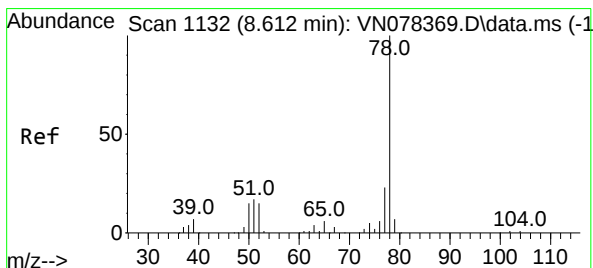
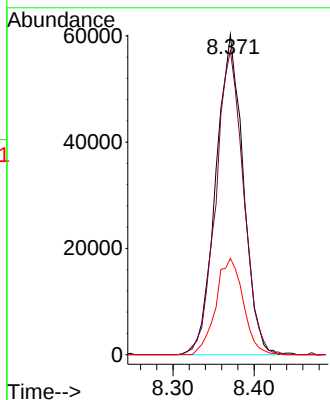
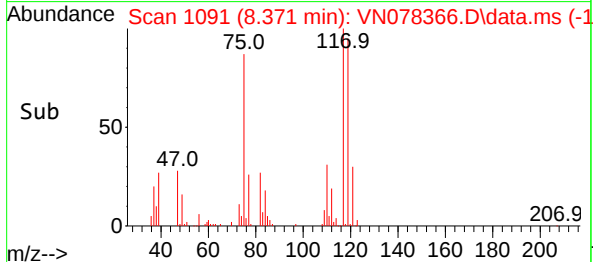
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:117 Resp: 141020
Ion Ratio Lower Upper
117 100
119 95.0 81.4 122.0
121 30.1 23.6 35.4

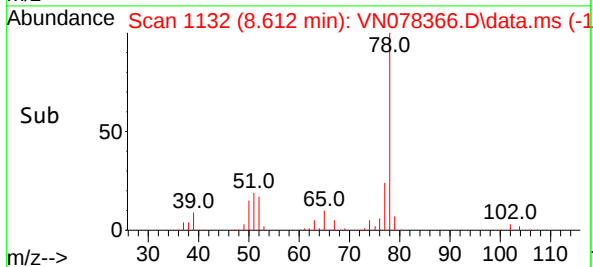
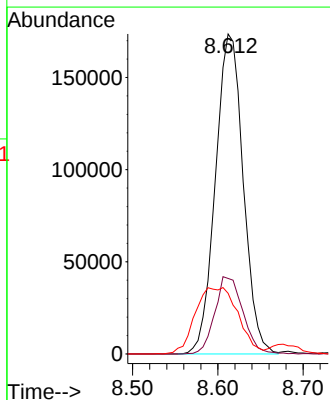
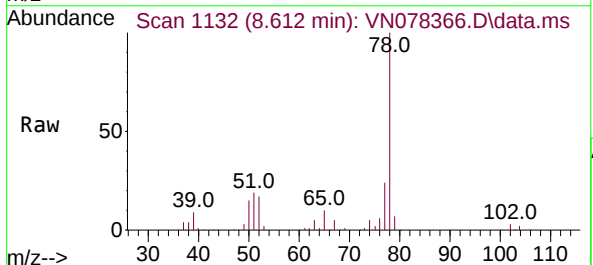
Manual Integrations
APPROVED

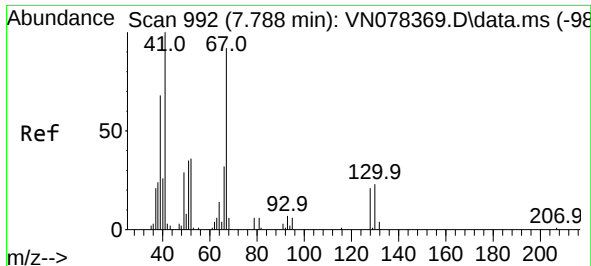
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#34
Benzene
Concen: 19.178 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

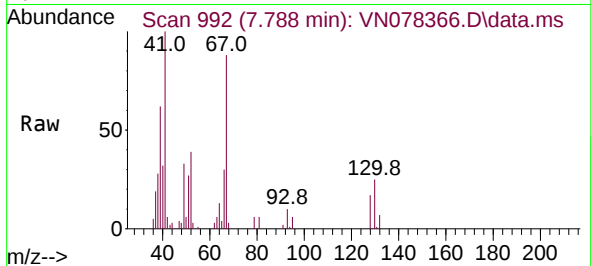
Tgt Ion: 78 Resp: 393564
Ion Ratio Lower Upper
78 100
77 23.6 18.3 27.5
51 17.1 13.7 20.5





#35
Methacrylonitrile
Concen: 17.796 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

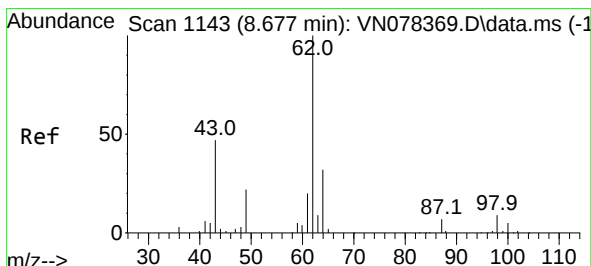
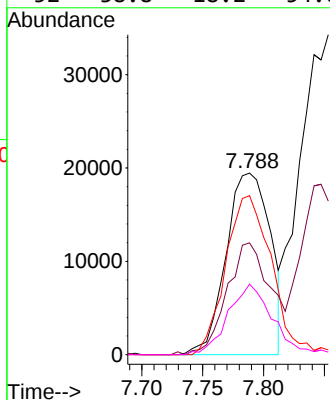
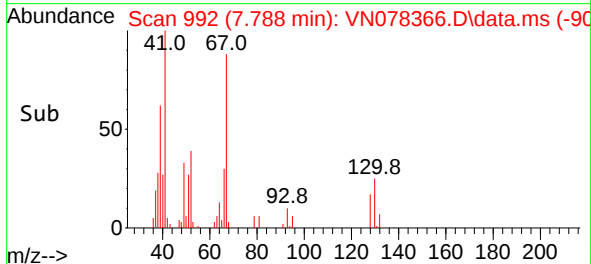
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



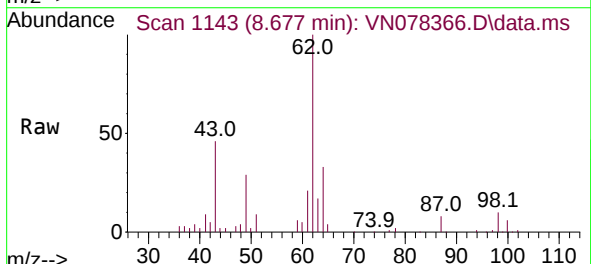
Tgt Ion: 41 Resp: 49262
Ion Ratio Lower Upper
41 100
39 60.0 33.9 101.6
67 87.6 45.9 137.6
52 38.8 18.2 54.6

Manual Integrations
APPROVED

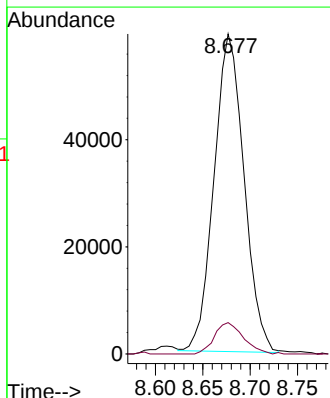
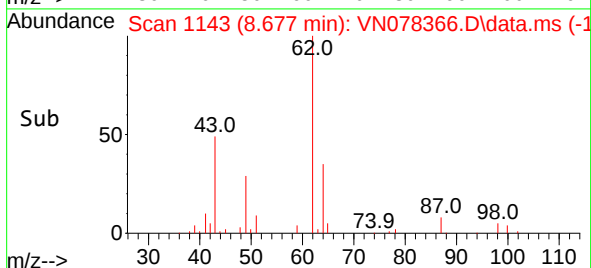
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

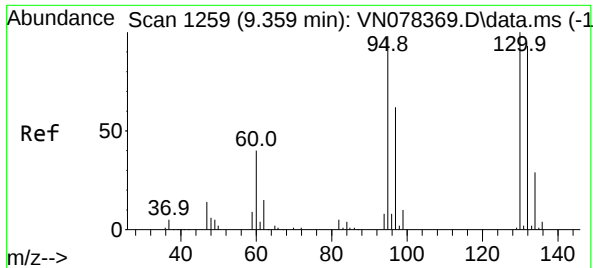


#36
1,2-Dichloroethane
Concen: 18.666 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58



Tgt Ion: 62 Resp: 130600
Ion Ratio Lower Upper
62 100
98 9.5 7.4 11.0





#37

Trichloroethene

Concen: 18.651 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VN078366.D

Acq: 23 Jun 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:130 Resp: 97794

Ion Ratio Lower Upper

130 100

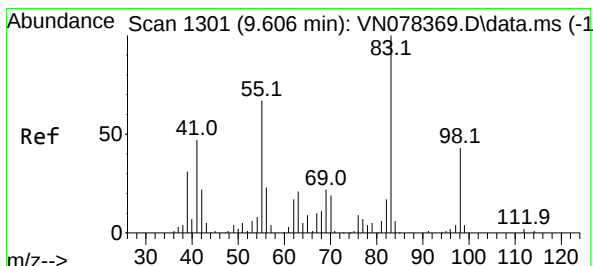
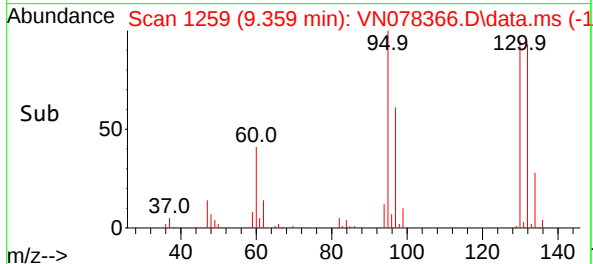
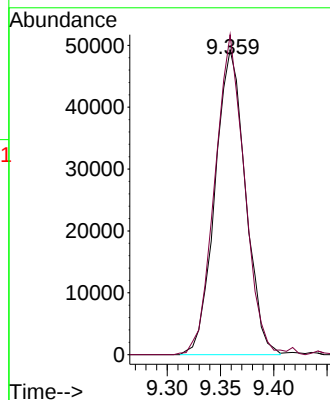
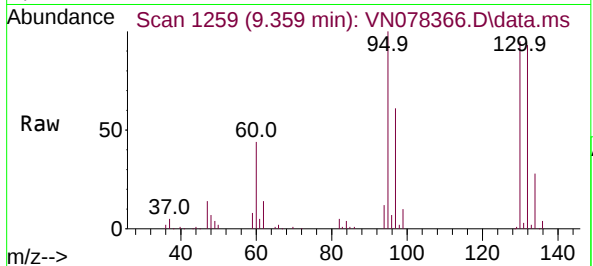
95 104.4 78.2 117.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#38

Methylcyclohexane

Concen: 18.394 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN078366.D

Acq: 23 Jun 2023 09:58

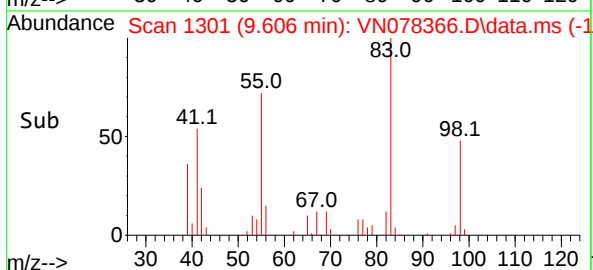
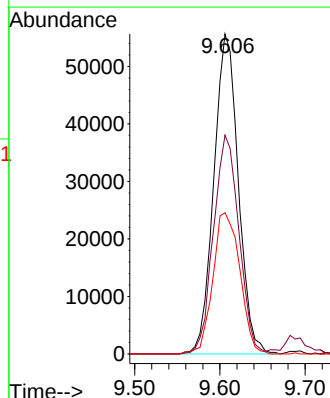
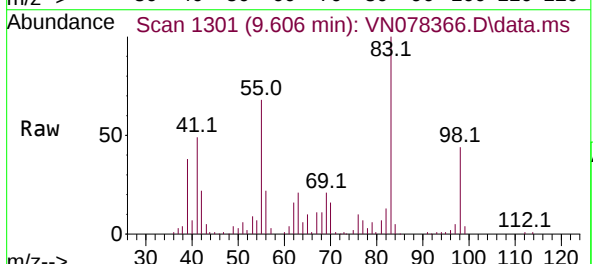
Tgt Ion: 83 Resp: 111216

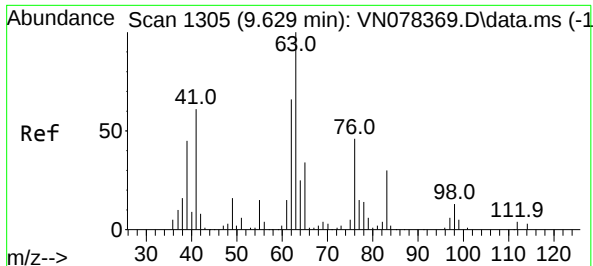
Ion Ratio Lower Upper

83 100

55 70.9 34.0 102.0

98 48.6 23.0 69.0





#39

1,2-Dichloropropane

Concen: 19.162 ug/l

RT: 9.630 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078366.D

Acq: 23 Jun 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 98500

Ion Ratio Lower Upper

63 100

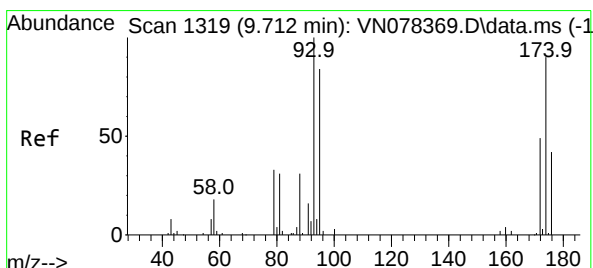
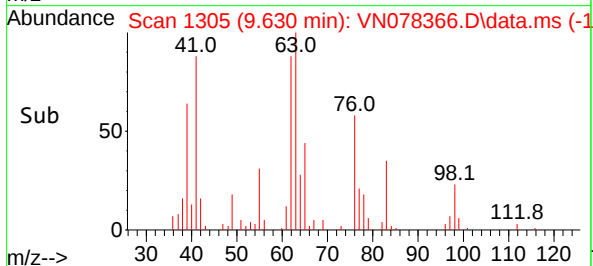
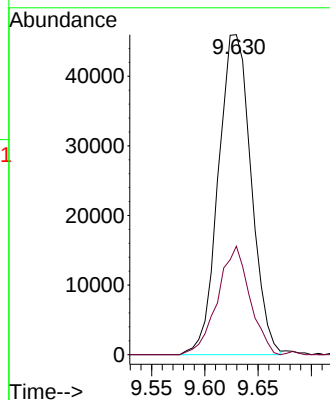
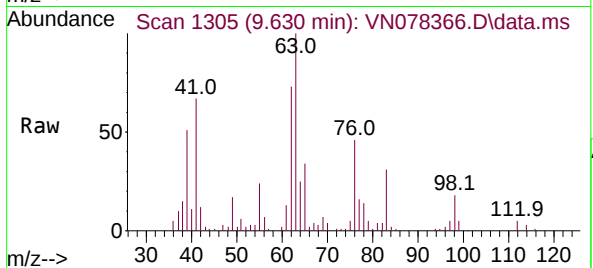
65 33.9 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#40

Dibromomethane

Concen: 18.746 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN078366.D

Acq: 23 Jun 2023 09:58

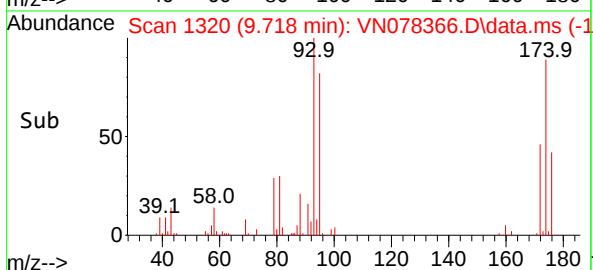
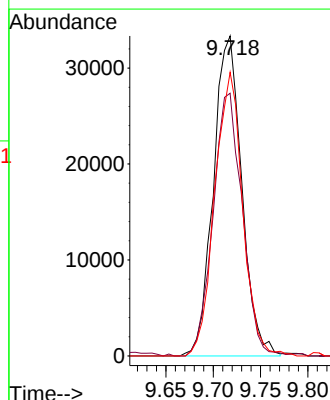
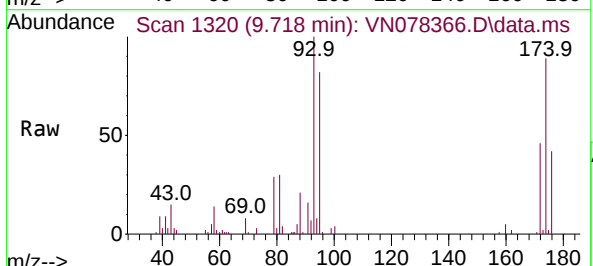
Tgt Ion: 93 Resp: 69539

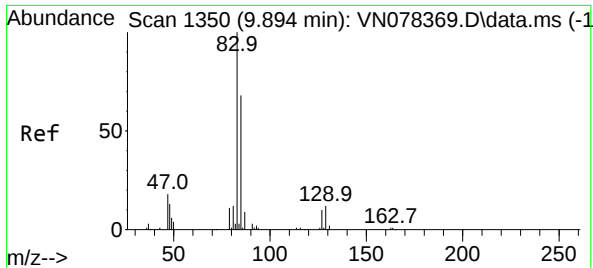
Ion Ratio Lower Upper

93 100

95 84.3 0.0 167.8

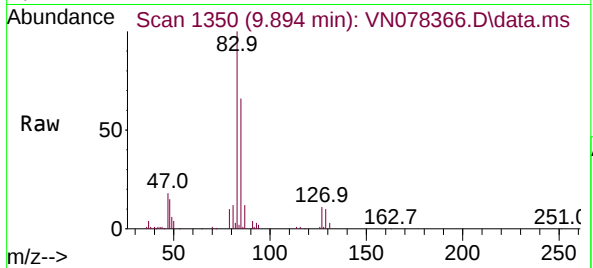
174 86.9 0.0 180.8





#41
Bromodichloromethane
Concen: 19.464 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

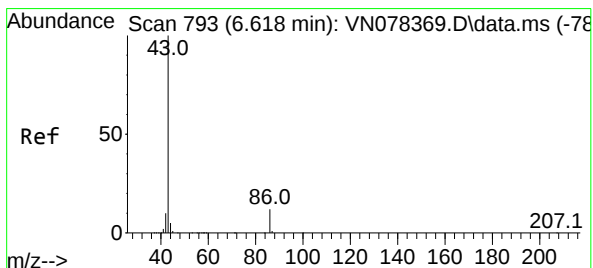
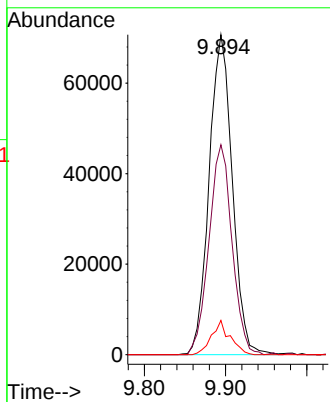
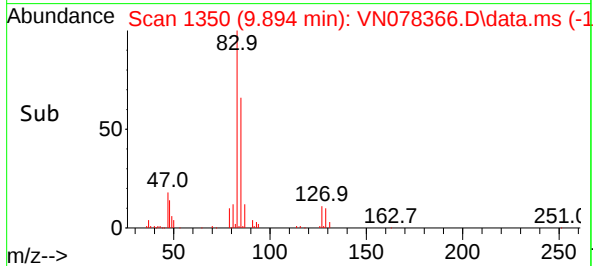
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



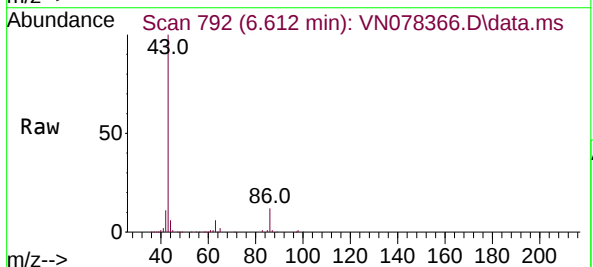
Tgt Ion: 83 Resp: 140270
Ion Ratio Lower Upper
83 100
85 65.6 54.1 81.1
127 10.7 7.8 11.6

Manual Integrations
APPROVED

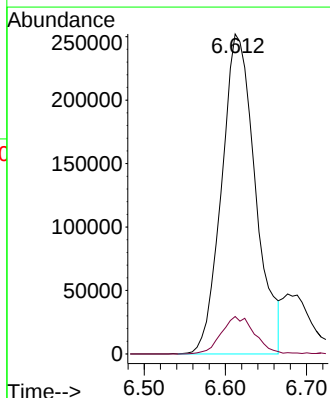
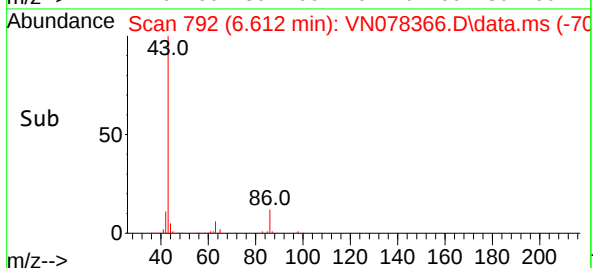
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

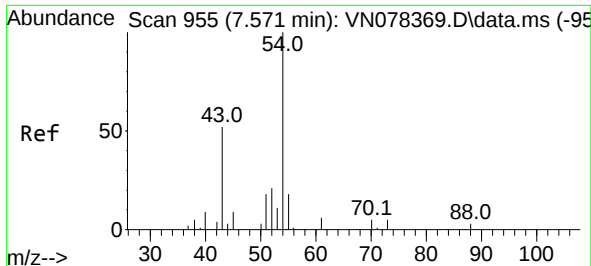


#42
Vinyl Acetate
Concen: 94.980 ug/l
RT: 6.612 min Scan# 792
Delta R.T. -0.006 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58



Tgt Ion: 43 Resp: 729840
Ion Ratio Lower Upper
43 100
86 11.5 9.4 14.0





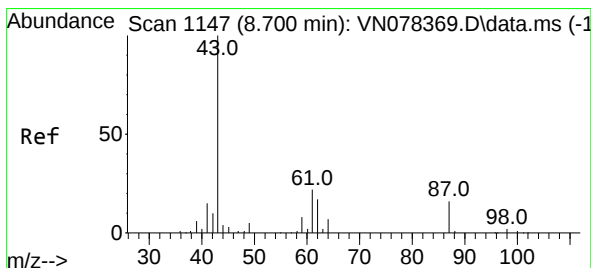
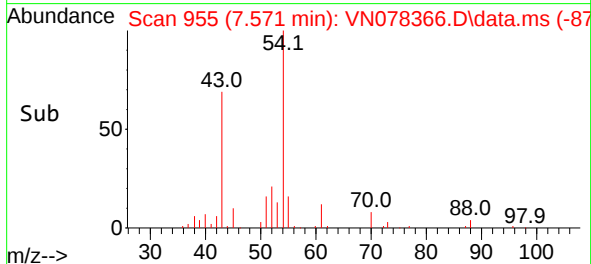
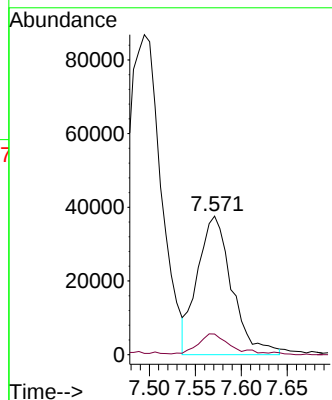
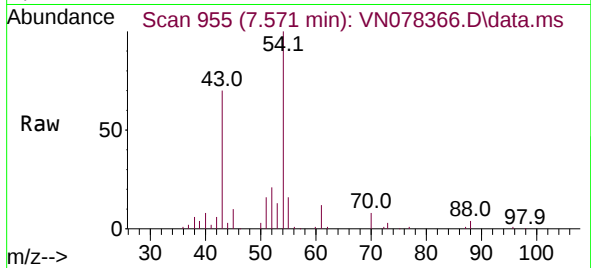
#43
Ethyl Acetate
Concen: 19.838 ug/l m
RT: 7.571 min Scan# 915
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 98154
Ion Ratio Lower Upper
43 100
45 12.7 10.9 16.3

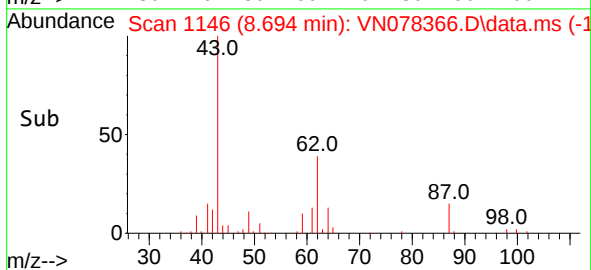
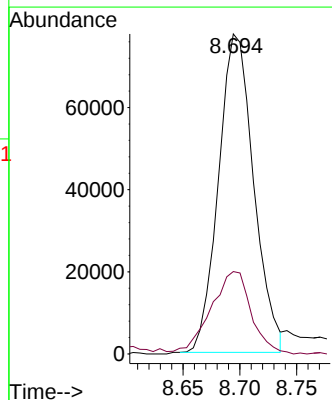
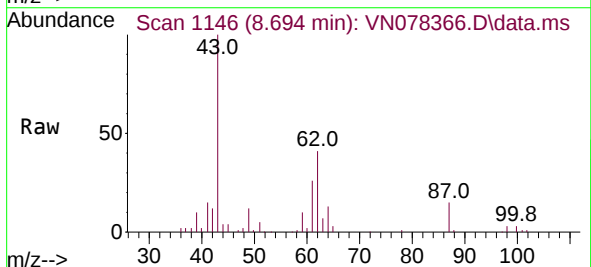
Manual Integrations
APPROVED

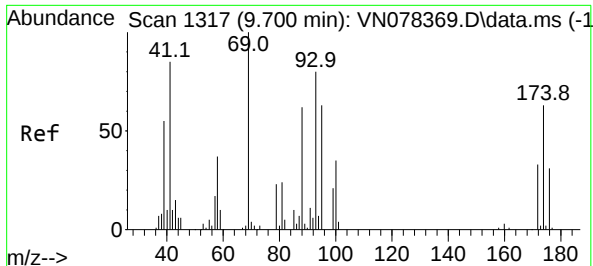
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#44
Isopropyl Acetate
Concen: 18.238 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.006 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

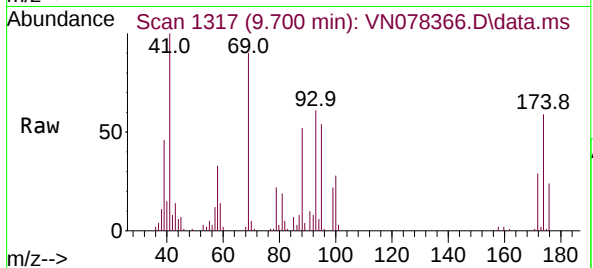
Tgt Ion: 43 Resp: 167308
Ion Ratio Lower Upper
43 100
61 29.7 23.0 34.6





#45
1,4-Dioxane
Concen: 392.371 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

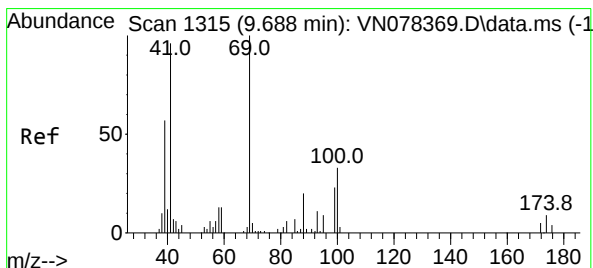
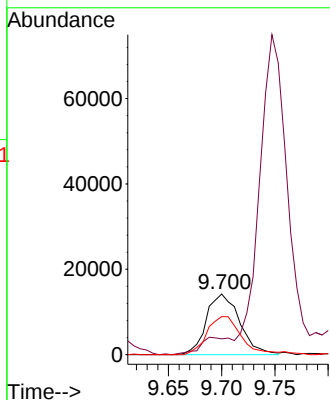
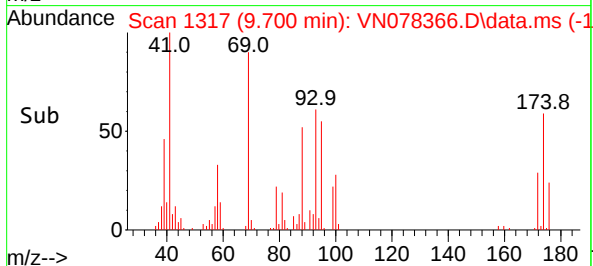
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



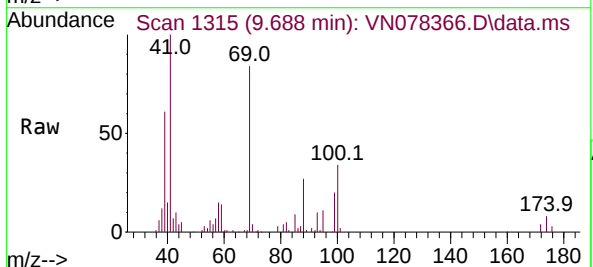
Tgt Ion: 88 Resp: 31000
Ion Ratio Lower Upper
88 100
43 19.5 19.0 28.6
58 63.7 48.2 72.2

Manual Integrations
APPROVED

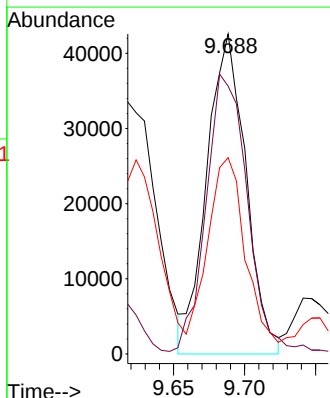
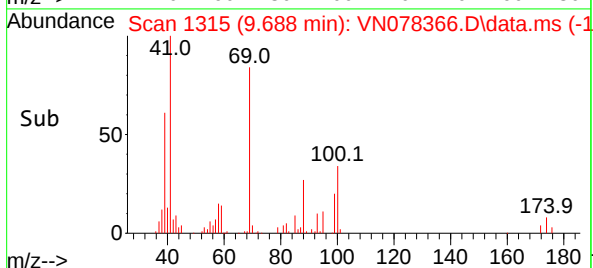
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

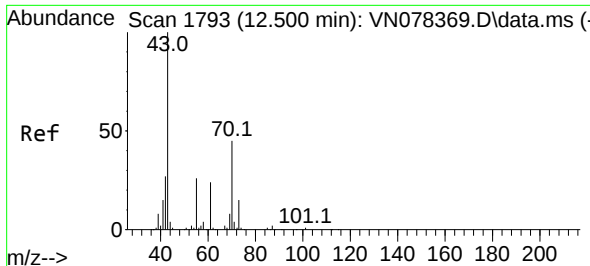


#46
Methyl methacrylate
Concen: 19.996 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58



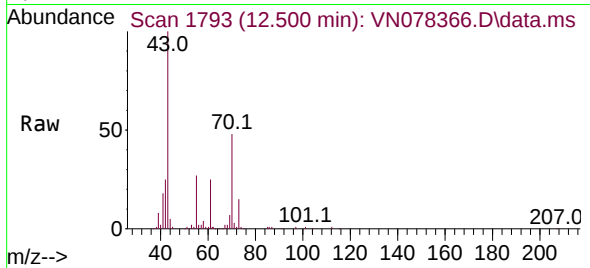
Tgt Ion: 41 Resp: 81655
Ion Ratio Lower Upper
41 100
69 86.1 49.0 147.0
39 60.8 31.6 94.8





#47
n-amy1 Acetate
Concen: 18.708 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

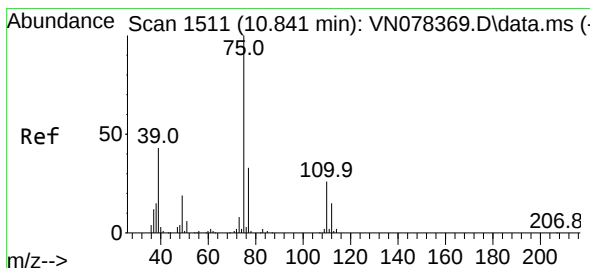
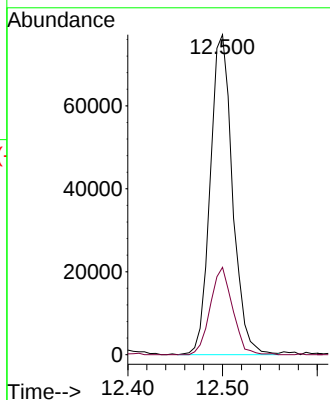
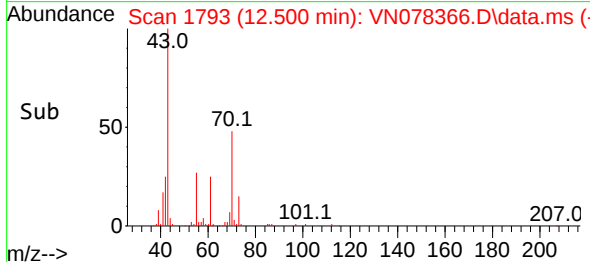
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



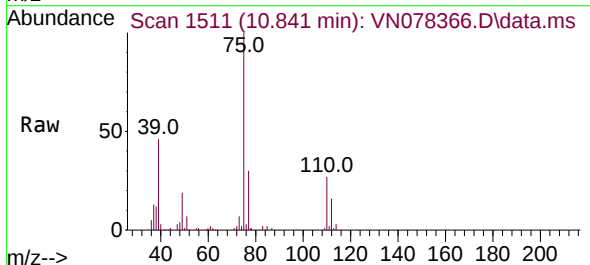
Tgt Ion: 43 Resp: 126150
Ion Ratio Lower Upper
43 100
55 27.1 21.5 32.3

Manual Integrations
APPROVED

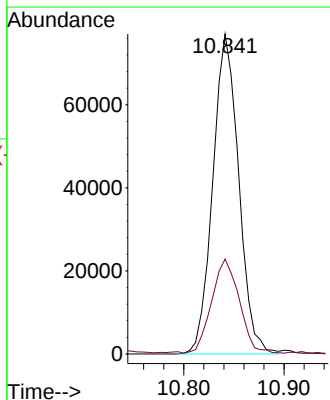
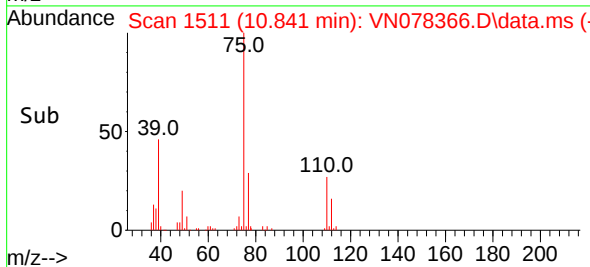
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

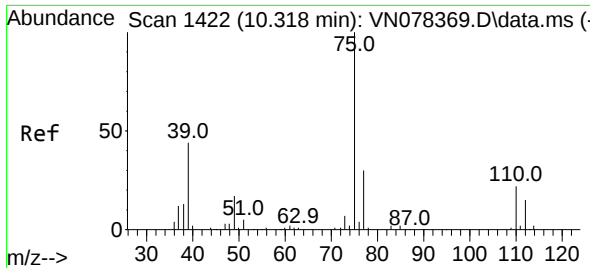


#48
t-1,3-Dichloropropene
Concen: 18.668 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58



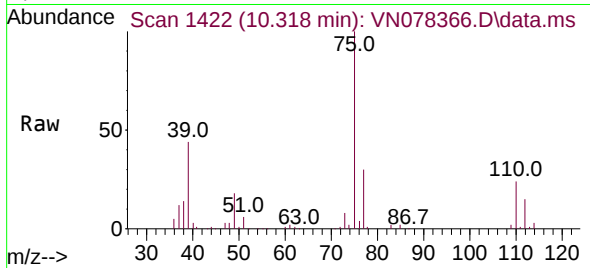
Tgt Ion: 75 Resp: 138096
Ion Ratio Lower Upper
75 100
77 29.2 26.1 39.1





#49
cis-1,3-Dichloropropene
Concen: 19.256 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

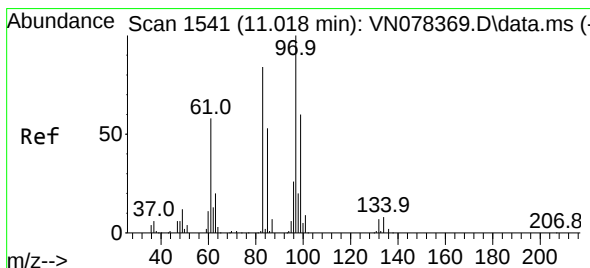
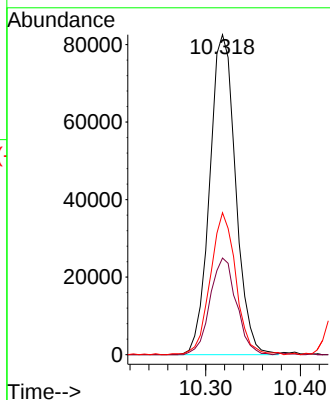
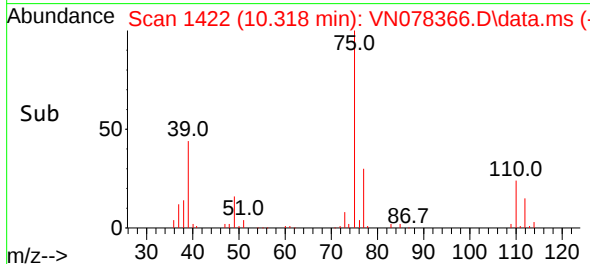
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 157010
Ion Ratio Lower Upper
75 100
77 30.2 24.0 36.0
39 44.1 35.1 52.7

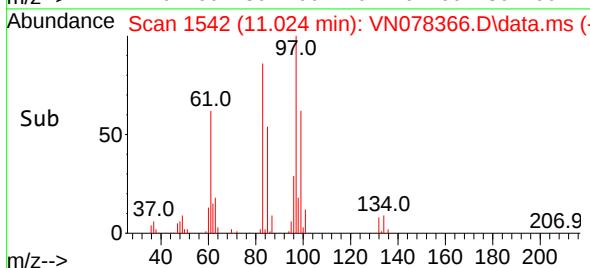
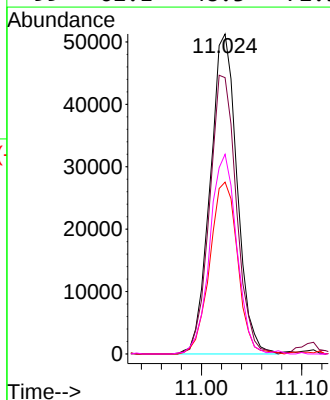
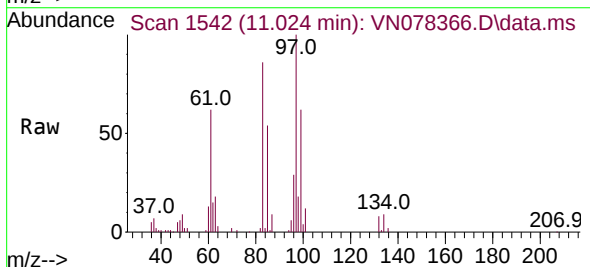
Manual Integrations
APPROVED

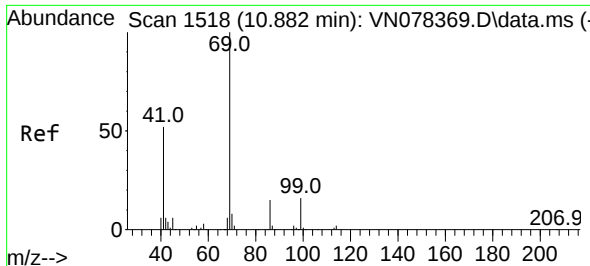
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#50
1,1,2-Trichloroethane
Concen: 19.238 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

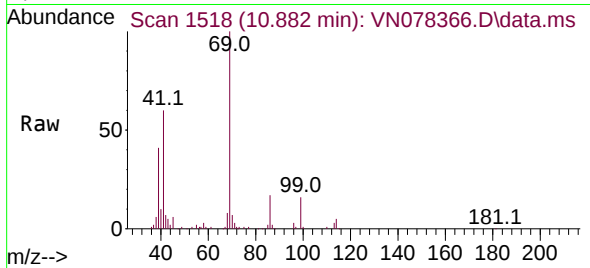
Tgt Ion: 97 Resp: 95672
Ion Ratio Lower Upper
97 100
83 86.4 66.8 100.2
85 53.7 42.5 63.7
99 62.1 48.3 72.5





#51
Ethyl methacrylate
Concen: 18.522 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

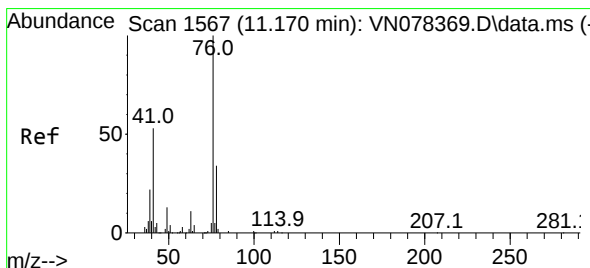
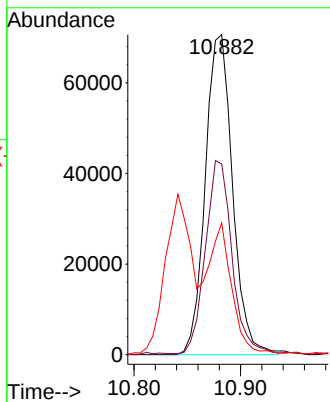
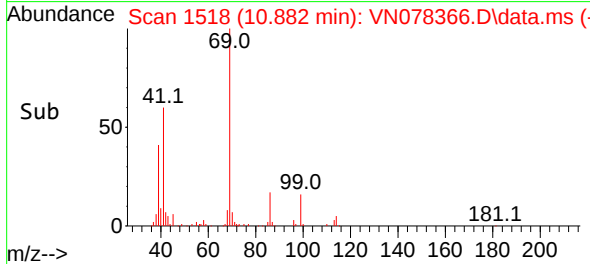
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



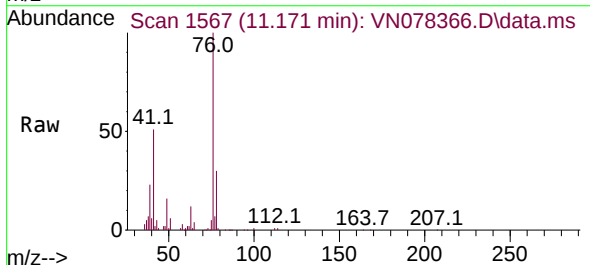
Tgt Ion: 69 Resp: 126008
Ion Ratio Lower Upper
69 100
41 59.2 26.0 78.0
39 40.6 16.3 48.9

Manual Integrations
APPROVED

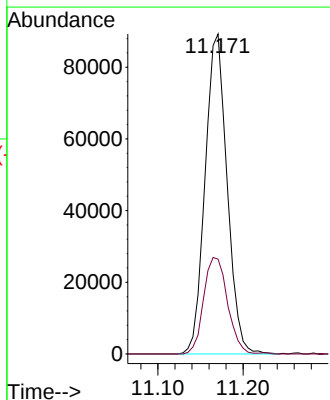
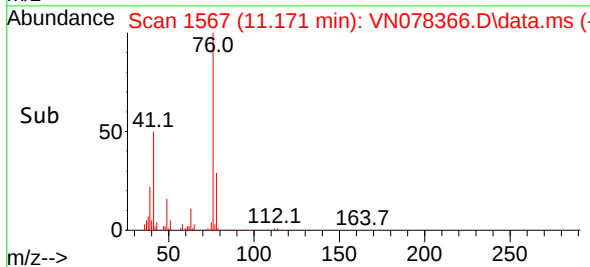
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

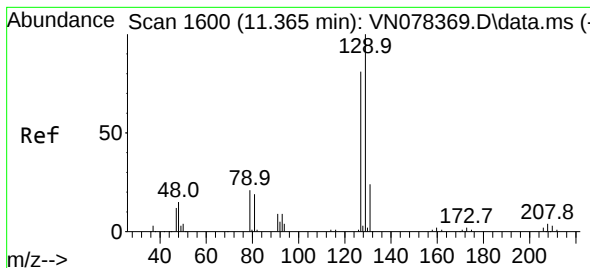


#52
1,3-Dichloropropane
Concen: 19.191 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58



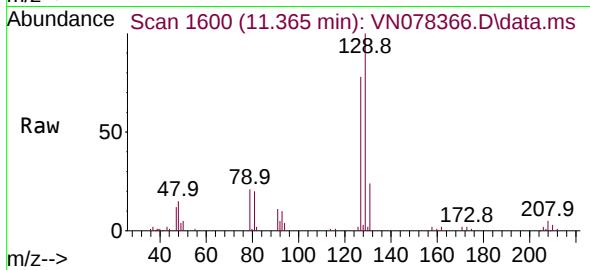
Tgt Ion: 76 Resp: 160175
Ion Ratio Lower Upper
76 100
78 32.6 0.0 66.2





#53
Dibromochloromethane
Concen: 19.176 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

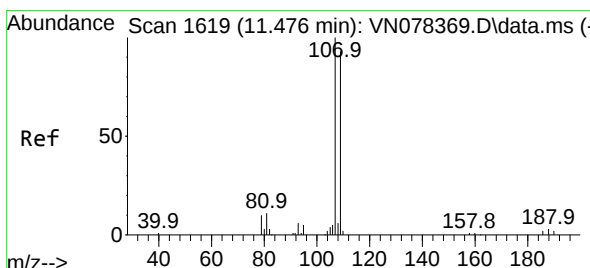
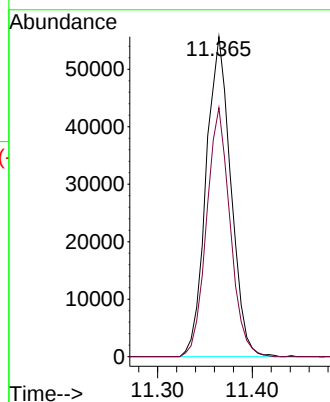
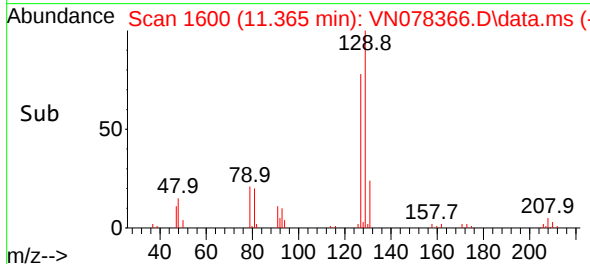
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



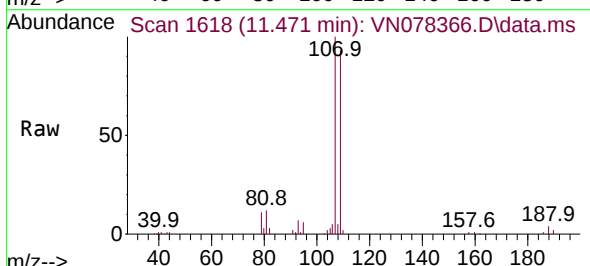
Tgt Ion:129 Resp: 10114
Ion Ratio Lower Upper
129 100
127 74.3 39.4 118.1

Manual Integrations
APPROVED

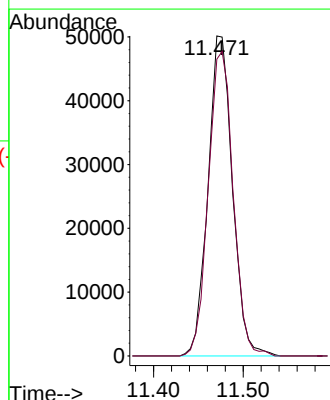
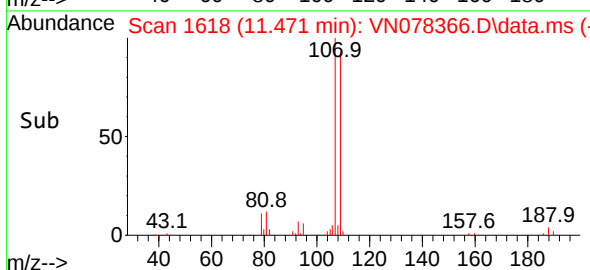
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

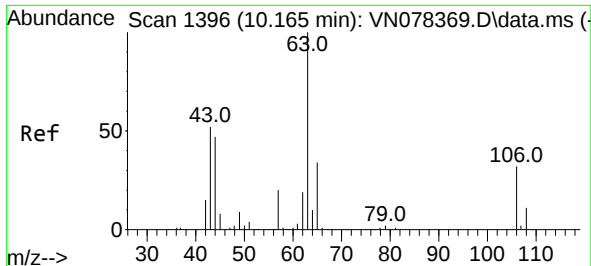


#54
1,2-Dibromoethane
Concen: 18.966 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58



Tgt Ion:107 Resp: 95060
Ion Ratio Lower Upper
107 100
109 96.1 74.6 112.0





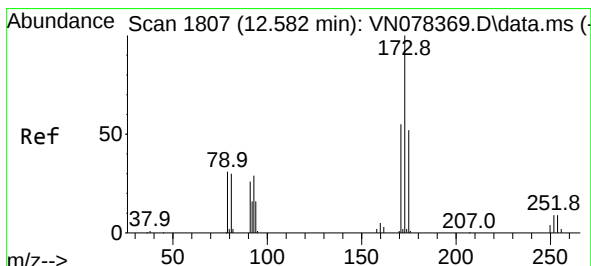
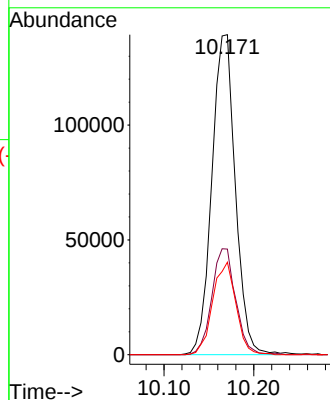
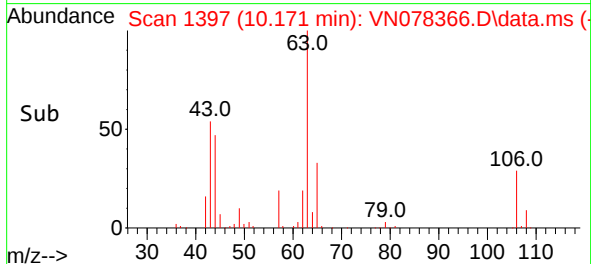
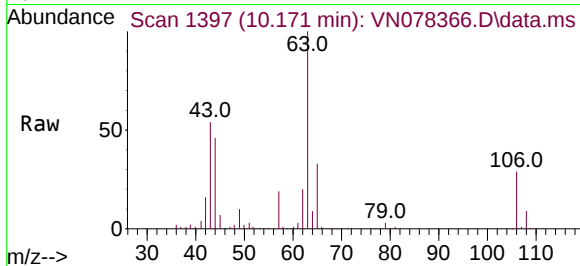
#55
2-Chloroethyl vinyl ether
Concen: 101.223 ug/l
RT: 10.171 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 63 Resp: 254052
Ion Ratio Lower Upper
63 100
65 33.5 26.3 39.5
106 28.5 23.8 35.6

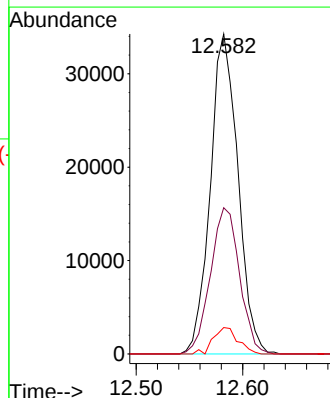
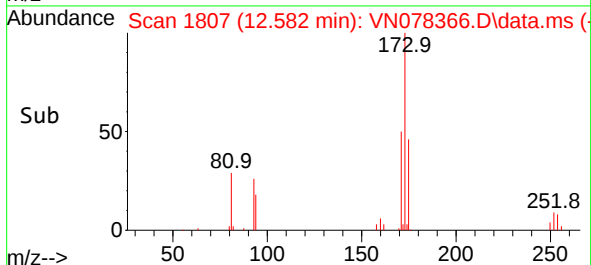
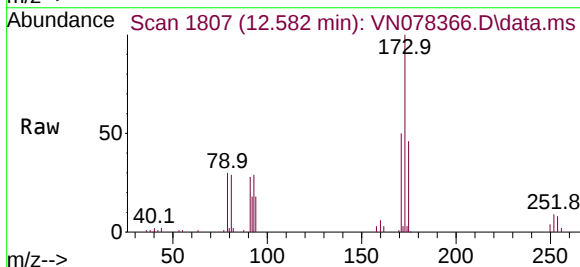
Manual Integrations
APPROVED

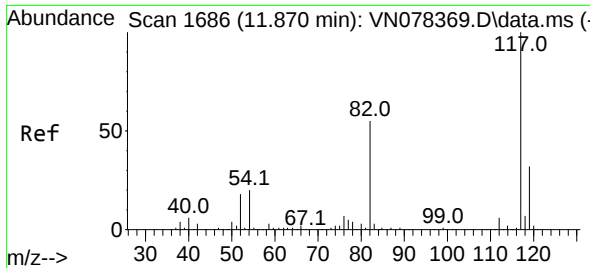
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#56
Bromoform
Concen: 19.112 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

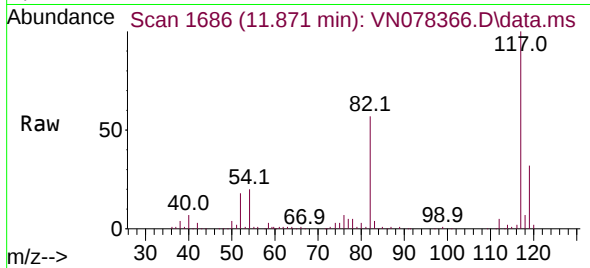
Tgt Ion:173 Resp: 61707
Ion Ratio Lower Upper
173 100
175 48.2 40.7 61.1
254 7.1 6.5 9.7





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

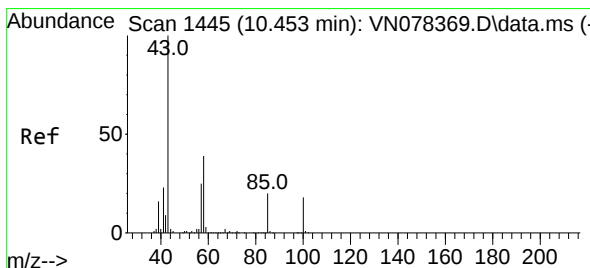
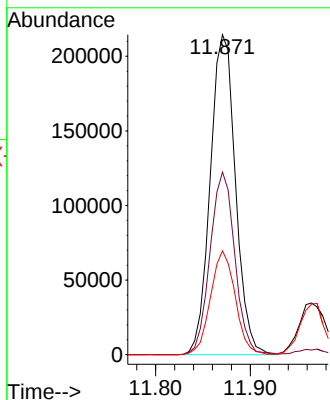
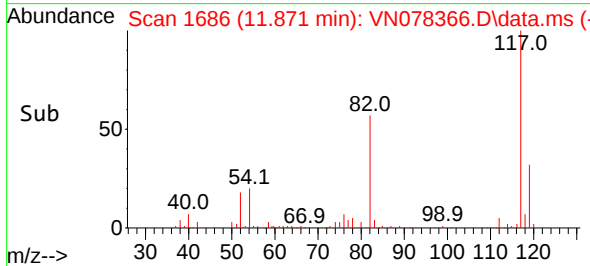
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 397724
Ion Ratio Lower Upper
117 100
82 55.8 43.9 65.9
119 31.8 26.2 39.4

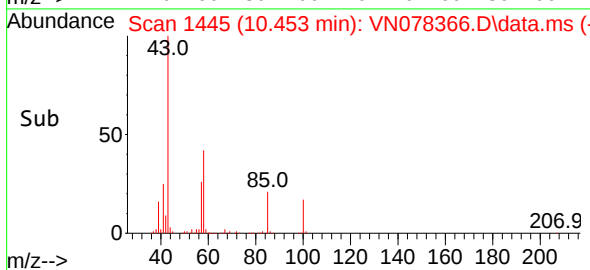
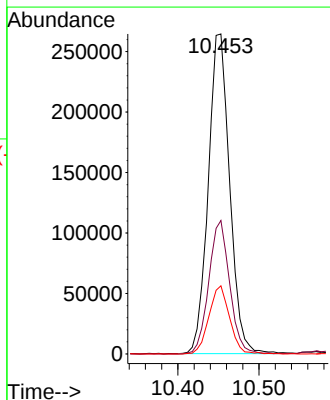
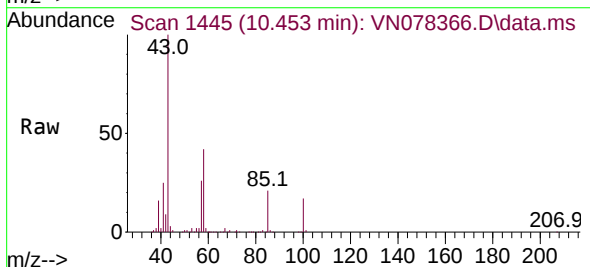
Manual Integrations
APPROVED

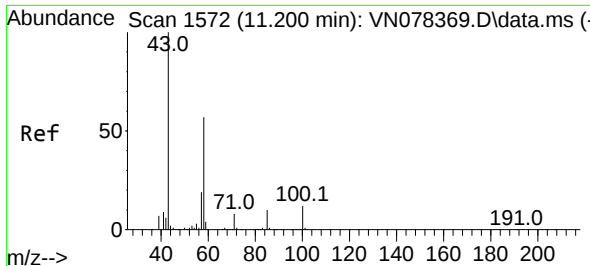
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#58
4-Methyl-2-Pentanone
Concen: 91.388 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

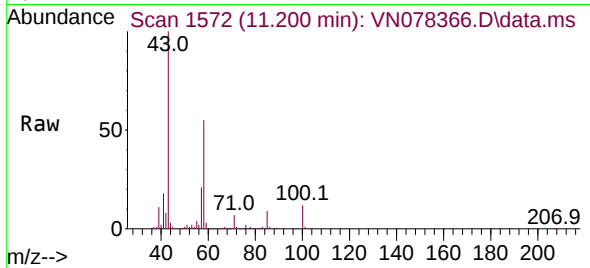
Tgt Ion: 43 Resp: 485385
Ion Ratio Lower Upper
43 100
58 40.6 32.6 48.8
85 20.4 16.2 24.2





#59
2-Hexanone
Concen: 91.044 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

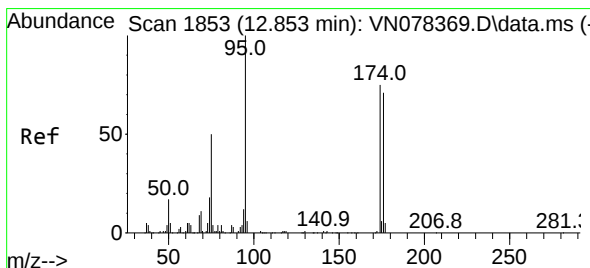
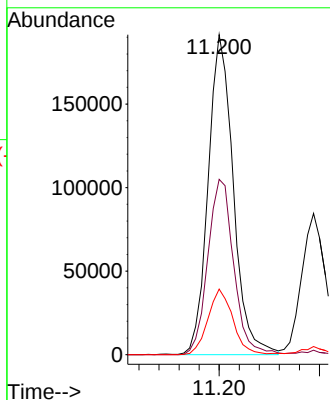
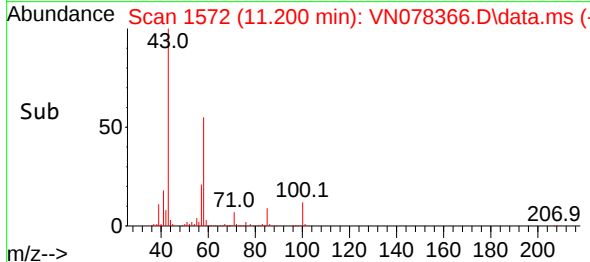
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



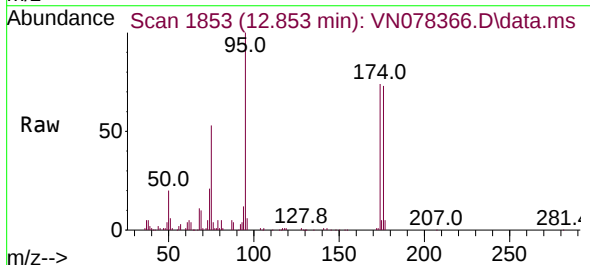
Tgt Ion: 43 Resp: 333962
Ion Ratio Lower Upper
43 100
58 56.4 45.9 68.9
57 20.3 15.8 23.6

Manual Integrations
APPROVED

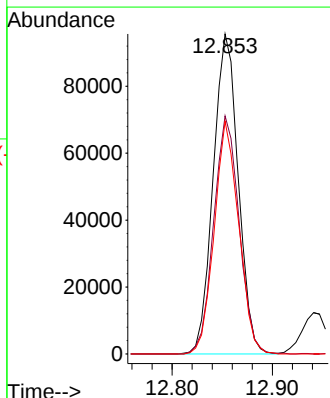
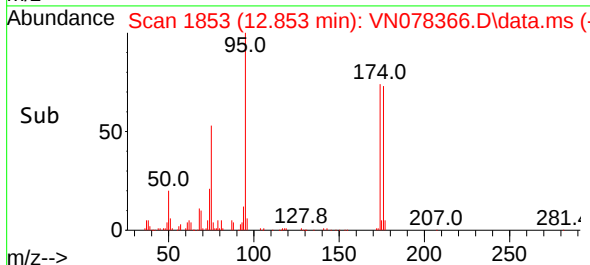
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

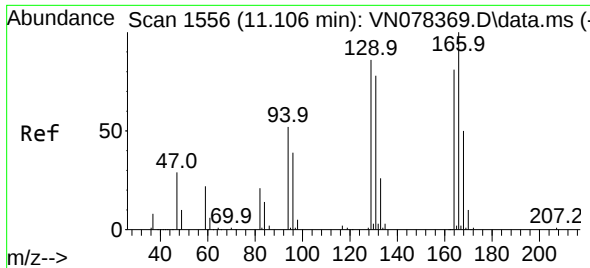


#60
4-Bromofluorobenzene
Concen: 29.513 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58



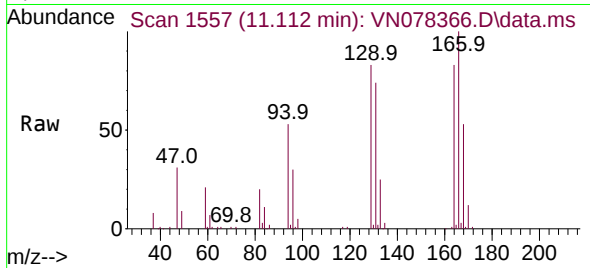
Tgt Ion: 95 Resp: 165377
Ion Ratio Lower Upper
95 100
174 75.4 61.7 92.5
176 71.1 58.1 87.1





#61
Tetrachloroethene
Concen: 18.374 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

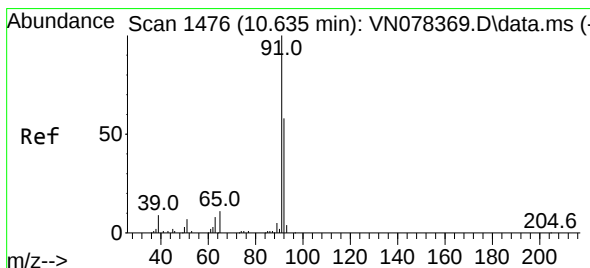
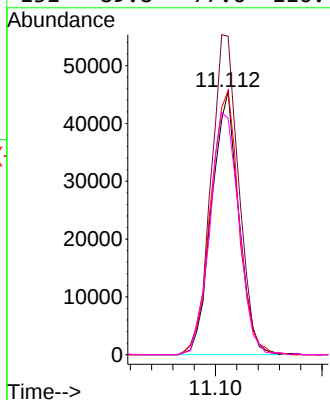
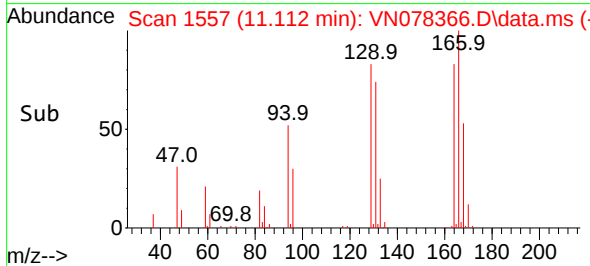
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:164 Resp: 80070
Ion Ratio Lower Upper
164 100
166 121.0 99.1 148.7
129 100.4 85.6 128.4
131 89.8 77.6 116.4

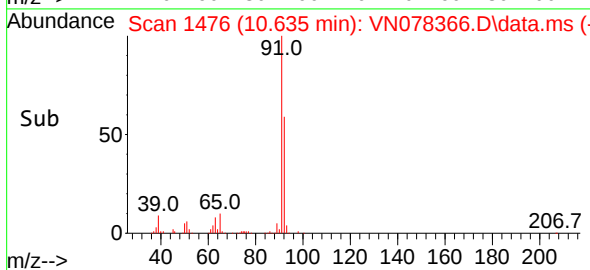
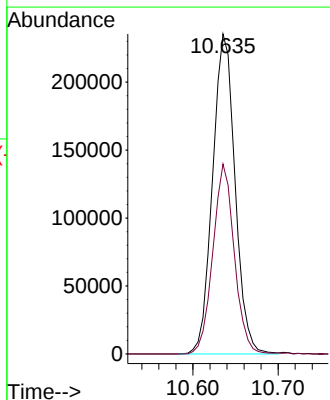
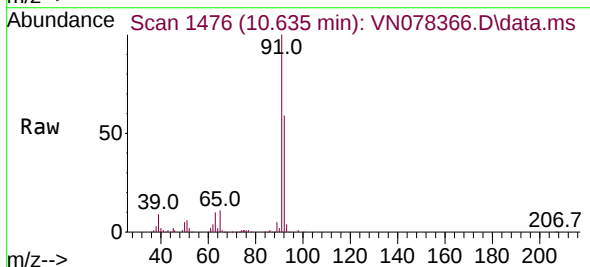
Manual Integrations
APPROVED

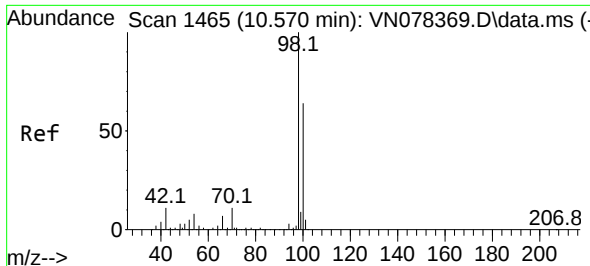
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#62
Toluene
Concen: 18.640 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

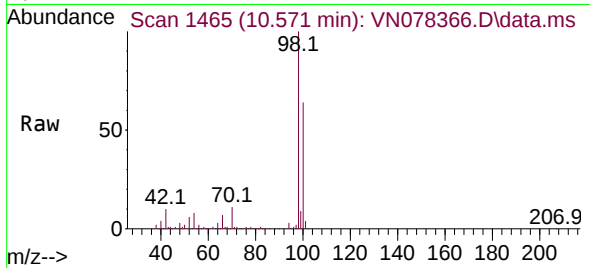
Tgt Ion: 91 Resp: 431466
Ion Ratio Lower Upper
91 100
92 56.6 45.2 67.8





#63
Toluene-d8
Concen: 30.193 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

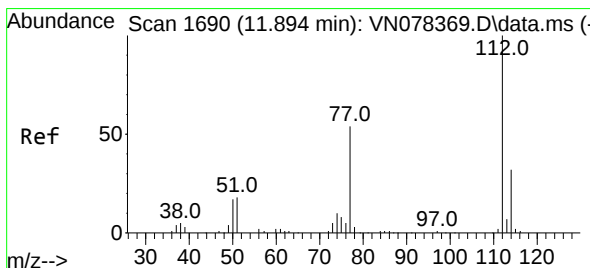
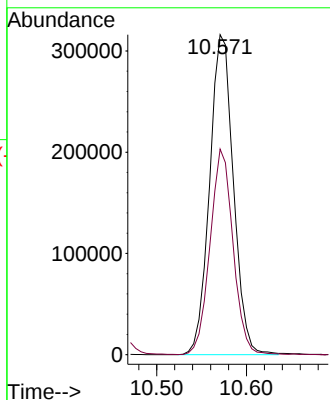
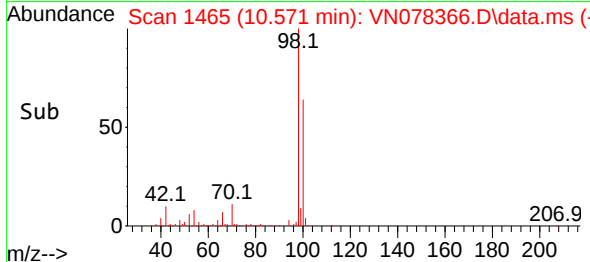
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 98 Resp: 58184
Ion Ratio Lower Upper
98 100
100 62.1 49.7 74.5

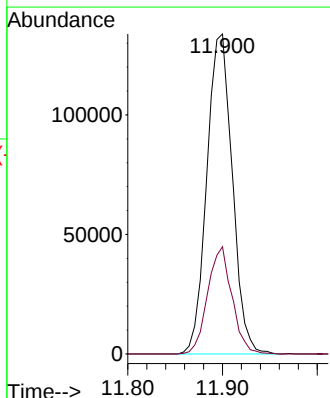
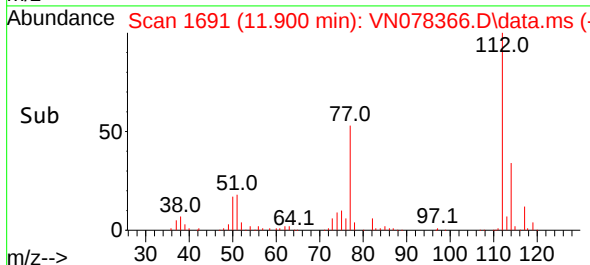
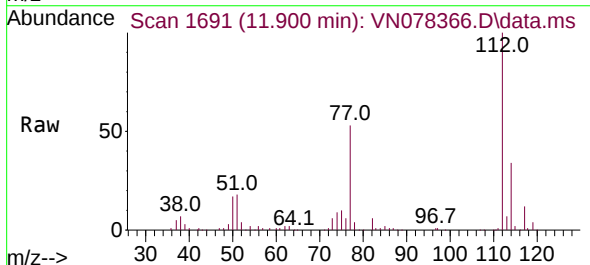
Manual Integrations
APPROVED

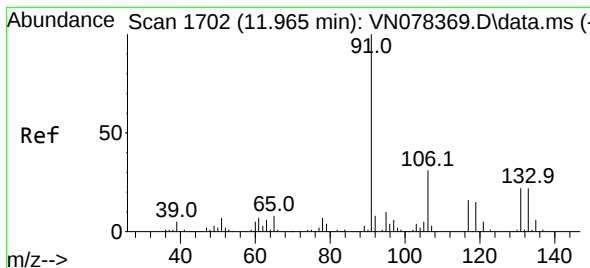
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#64
Chlorobenzene
Concen: 18.280 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.006 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

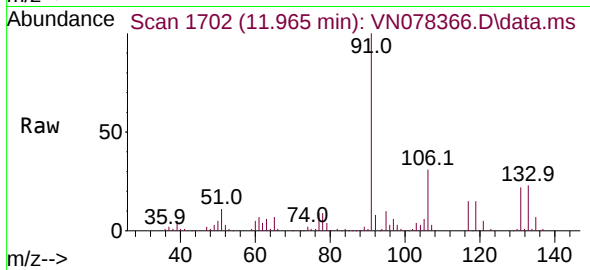
Tgt Ion:112 Resp: 250795
Ion Ratio Lower Upper
112 100
114 33.5 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 18.039 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

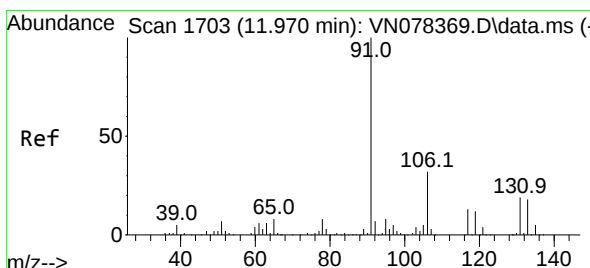
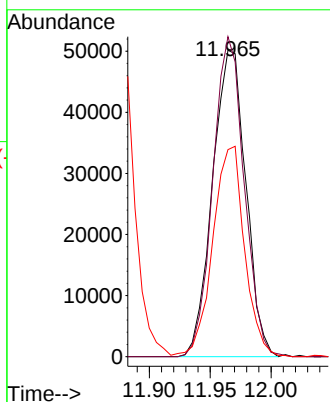
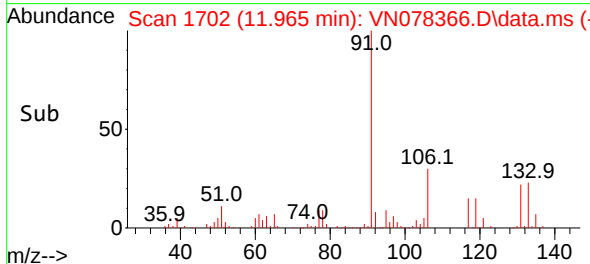
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



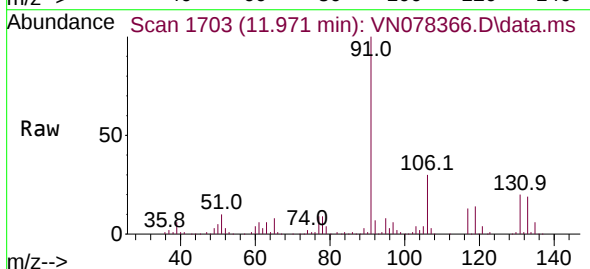
Tgt Ion:131 Resp: 95438
Ion Ratio Lower Upper
131 100
133 98.2 0.0 191.8
119 65.5 0.0 132.0

Manual Integrations
APPROVED

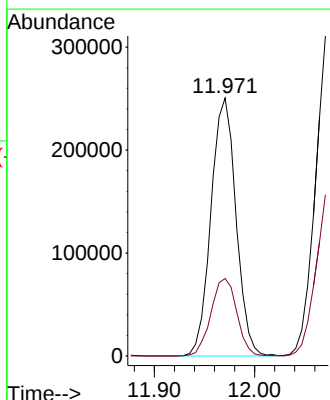
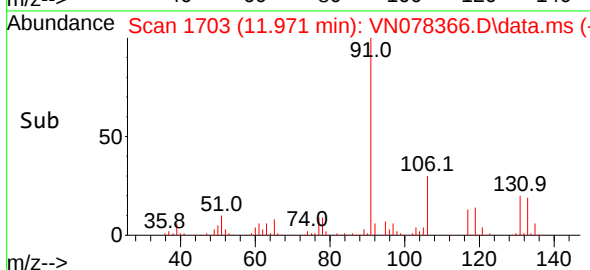
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

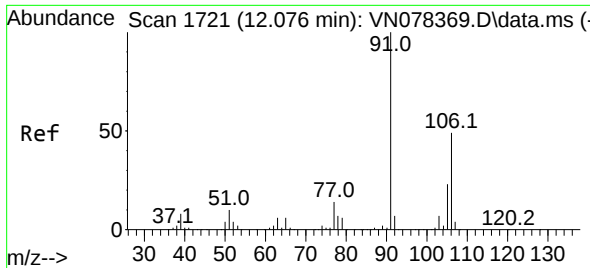


#66
Ethyl Benzene
Concen: 18.440 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58



Tgt Ion: 91 Resp: 434332
Ion Ratio Lower Upper
91 100
106 30.0 25.6 38.4





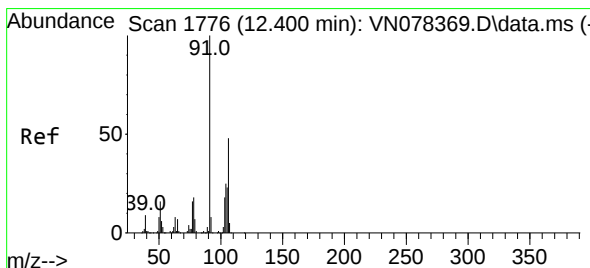
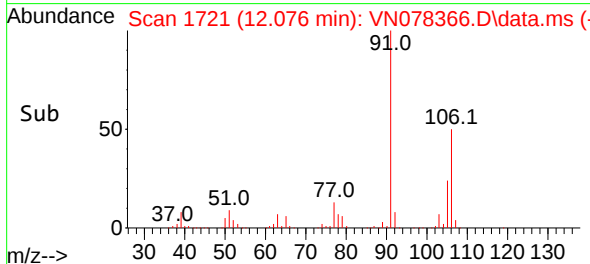
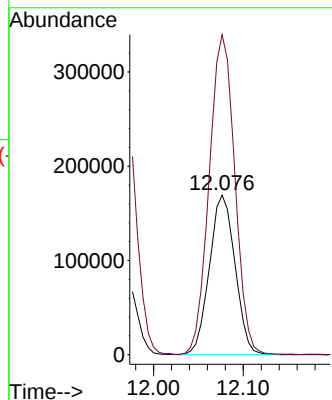
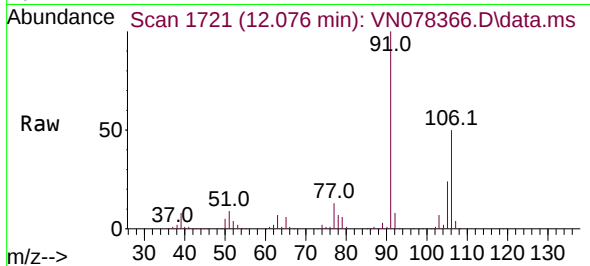
#67
m/p-Xylenes
Concen: 37.691 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 33567
Ion Ratio Lower Upper
106 100
91 200.8 162.5 243.7

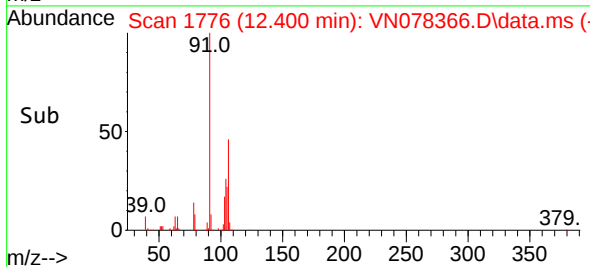
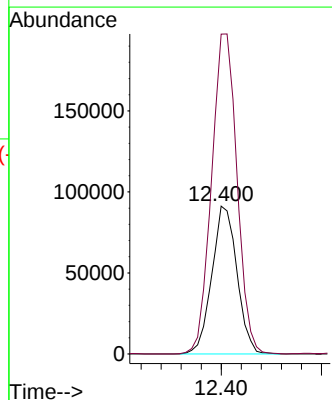
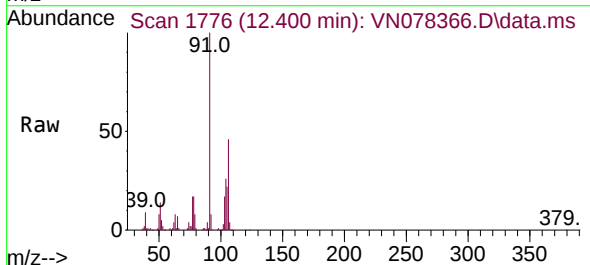
Manual Integrations
APPROVED

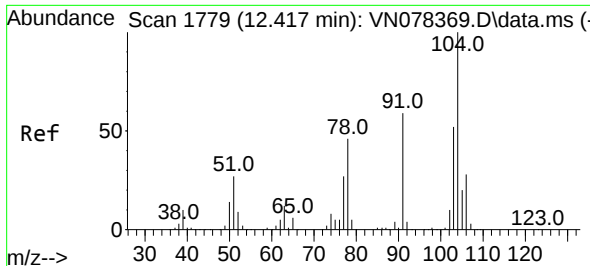
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#68
o-Xylene
Concen: 18.355 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

Tgt Ion:106 Resp: 158512
Ion Ratio Lower Upper
106 100
91 219.9 106.1 318.3





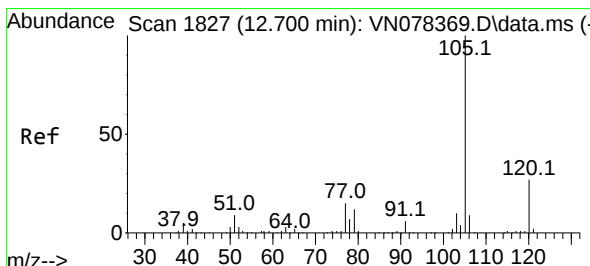
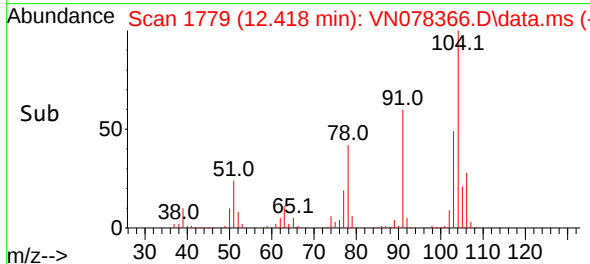
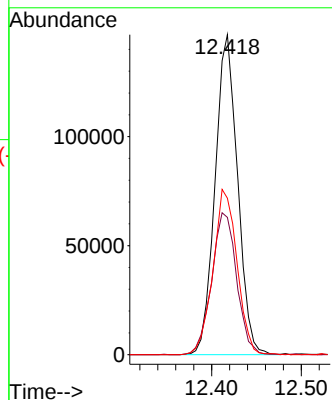
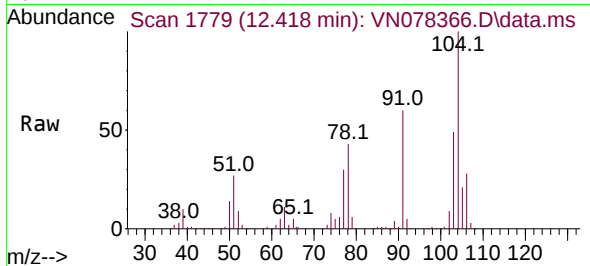
#69
Styrene
Concen: 18.682 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:104 Resp: 25545
Ion Ratio Lower Upper
104 100
78 49.3 40.1 60.1
103 55.0 45.1 67.7

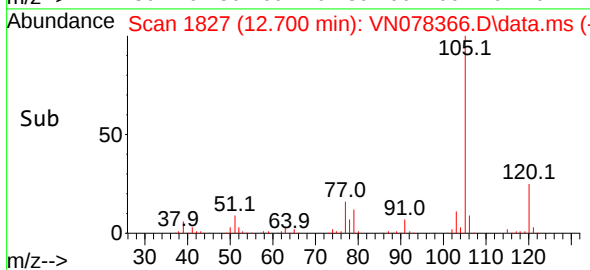
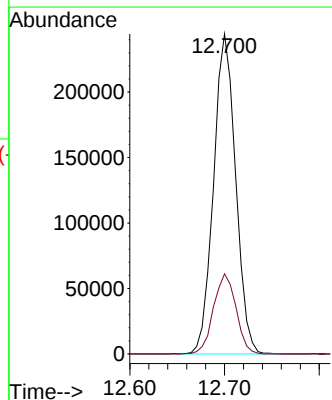
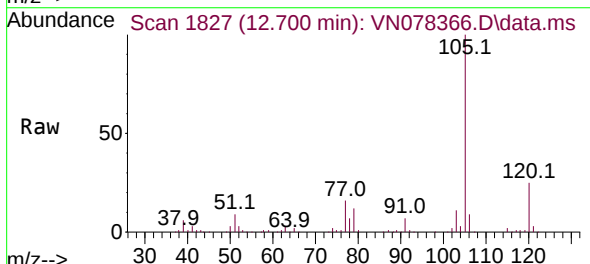
Manual Integrations
APPROVED

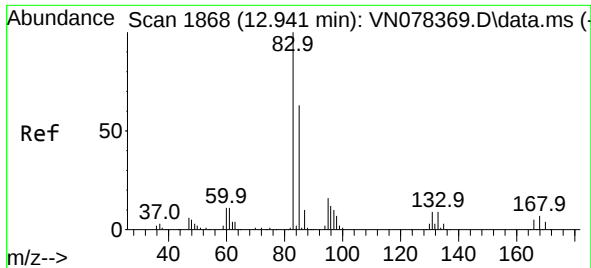
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#70
Isopropylbenzene
Concen: 18.646 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

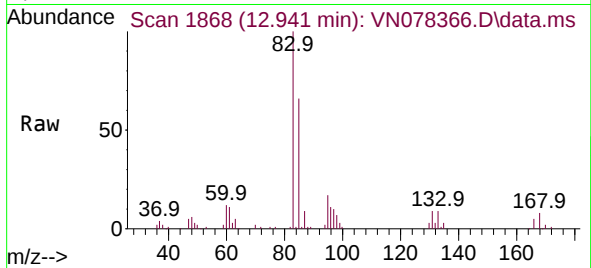
Tgt Ion:105 Resp: 395686
Ion Ratio Lower Upper
105 100
120 25.5 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 18.829 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

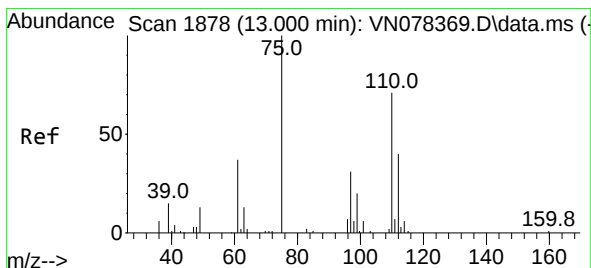
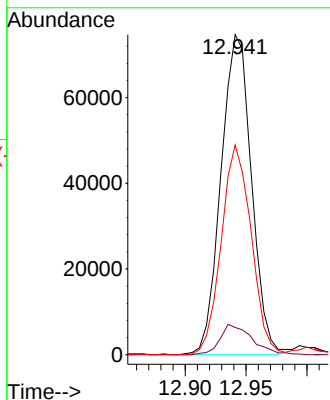
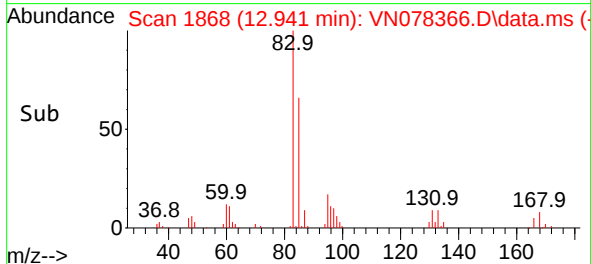
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



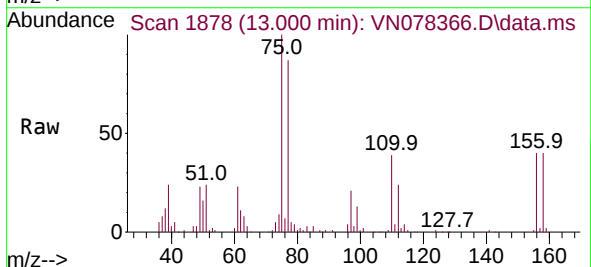
Tgt Ion: 83 Resp: 129938
Ion Ratio Lower Upper
83 100
131 10.0 4.8 14.4
85 64.5 32.6 98.0

Manual Integrations
APPROVED

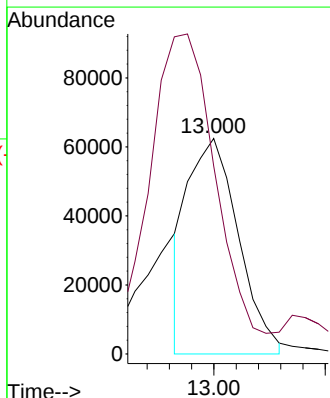
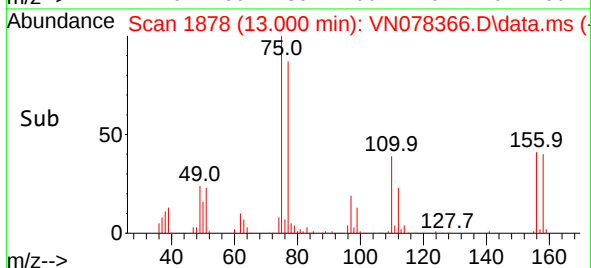
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

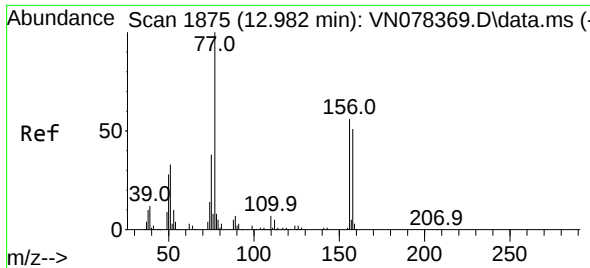


#72
1,2,3-Trichloropropane
Concen: 16.229 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58



Tgt Ion: 75 Resp: 98719
Ion Ratio Lower Upper
75 100
77 197.4 0.0 387.4





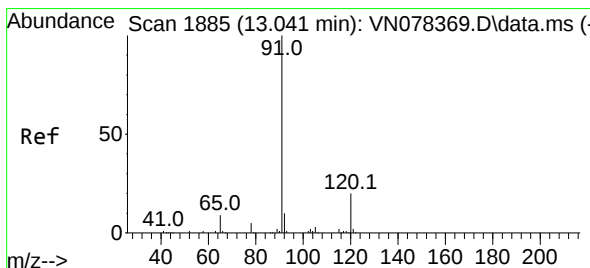
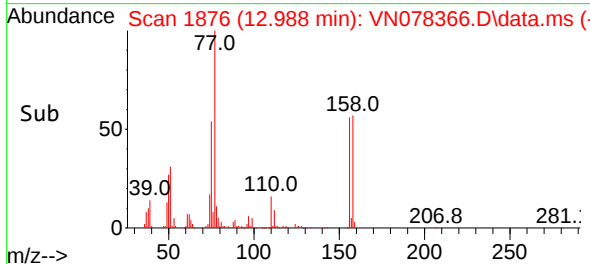
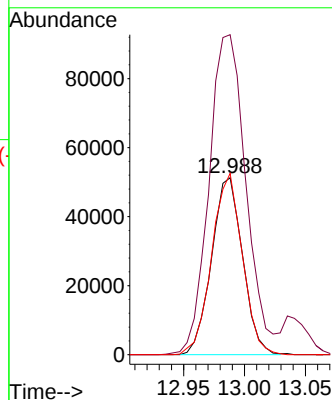
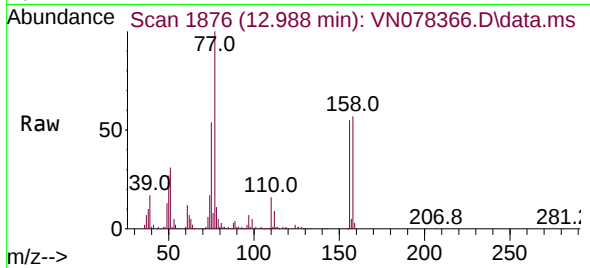
#73
Bromobenzene
Concen: 17.905 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 90840
Ion Ratio Lower Upper
156 100
77 214.5 0.0 420.8
158 100.9 0.0 193.2

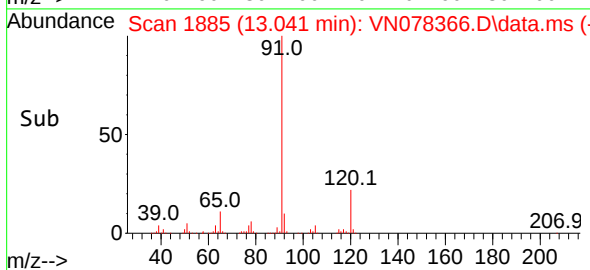
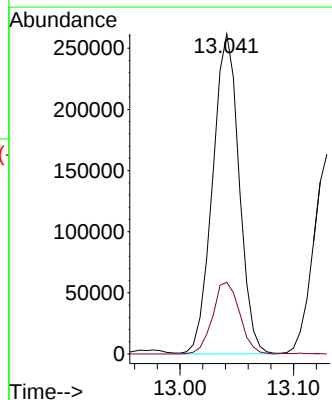
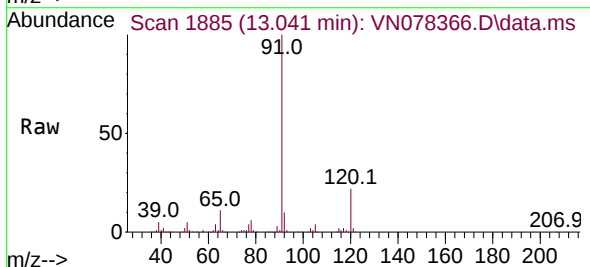
Manual Integrations
APPROVED

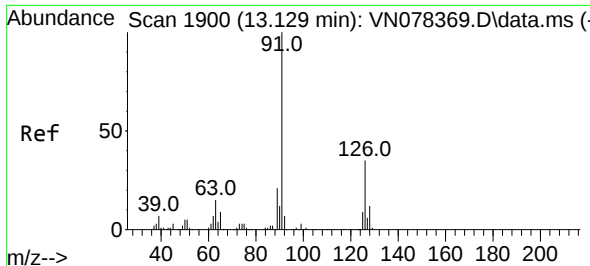
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#74
n-propylbenzene
Concen: 18.372 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

Tgt Ion: 91 Resp: 423945
Ion Ratio Lower Upper
91 100
120 22.8 0.0 44.6





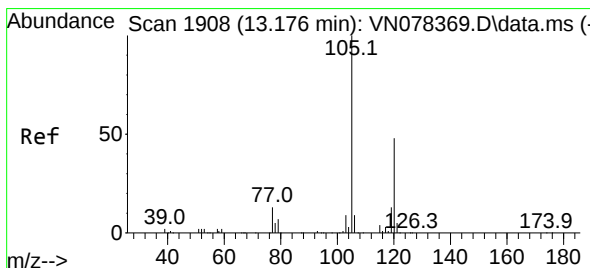
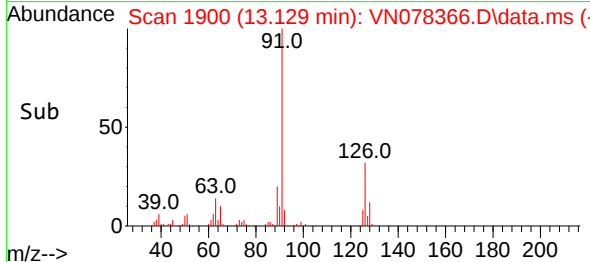
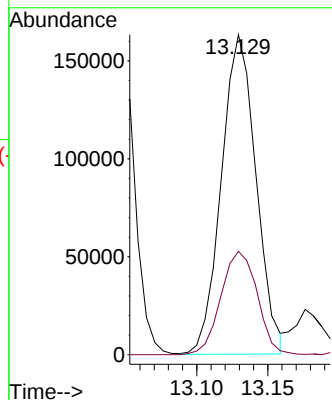
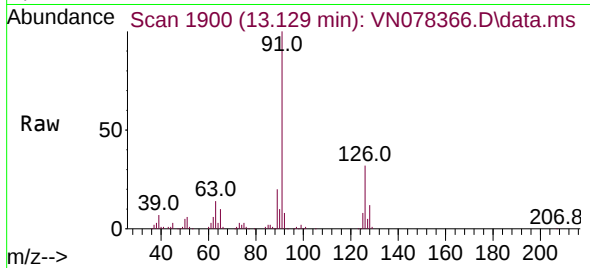
#75
2-Chlorotoluene
Concen: 17.739 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 27708
Ion Ratio Lower Upper
91 100
126 33.8 0.0 67.2

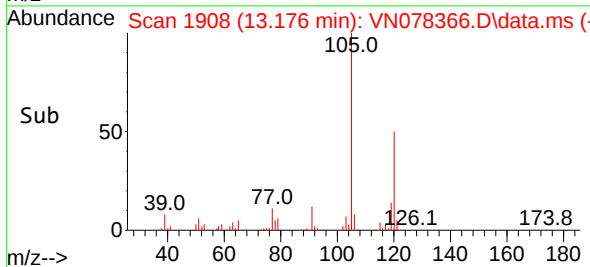
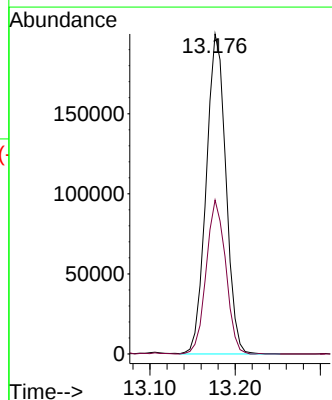
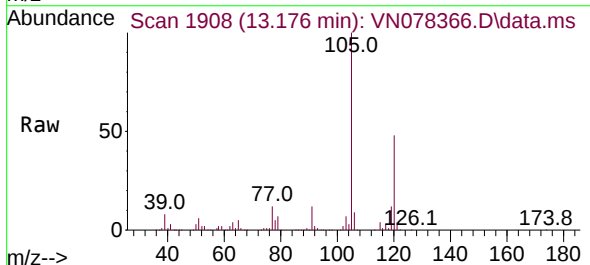
Manual Integrations
APPROVED

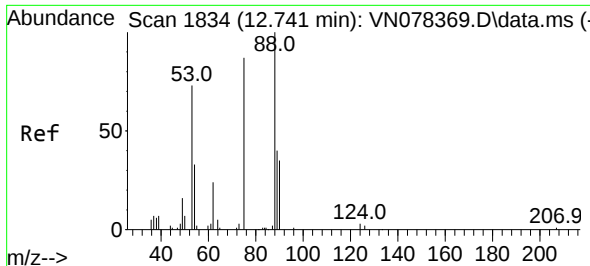
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#76
1,3,5-Trimethylbenzene
Concen: 18.200 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

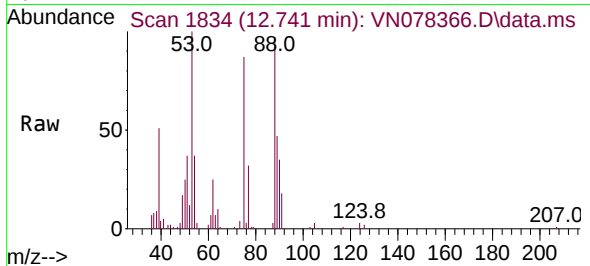
Tgt Ion:105 Resp: 320243
Ion Ratio Lower Upper
105 100
120 47.6 0.0 97.2





#77
t-1,4-Dichloro-2-butene
Concen: 17.502 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

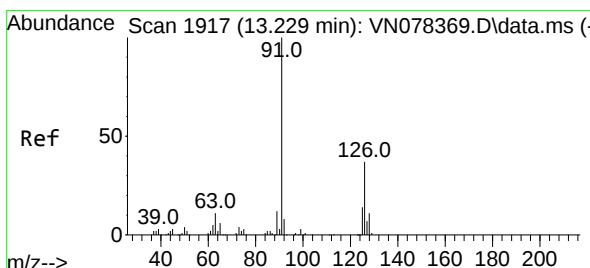
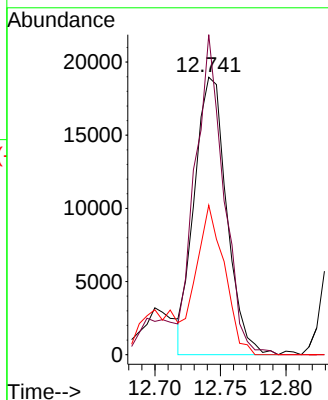
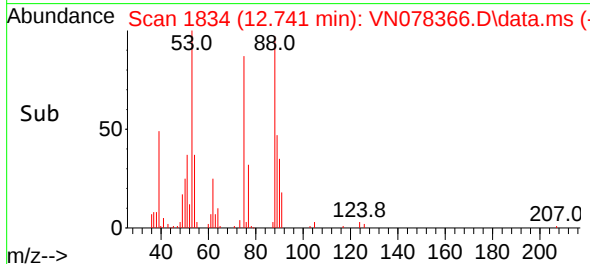
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 32540
Ion Ratio Lower Upper
75 100
53 115.4 41.6 124.9
89 53.9 25.1 75.4

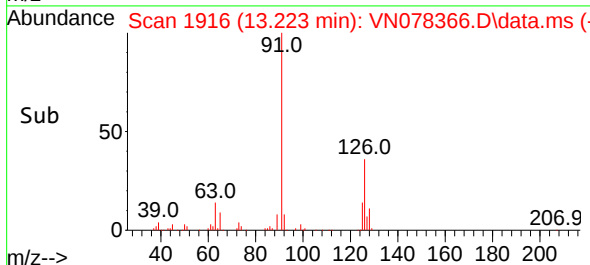
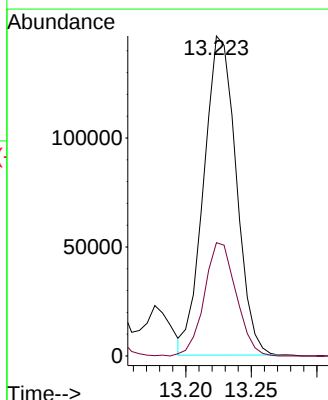
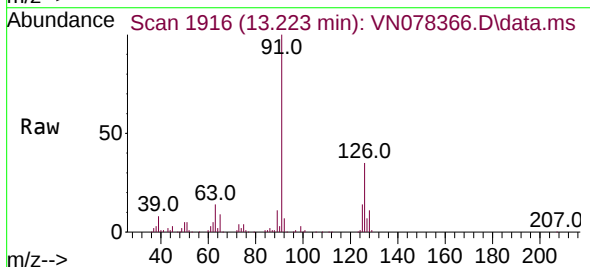
Manual Integrations
APPROVED

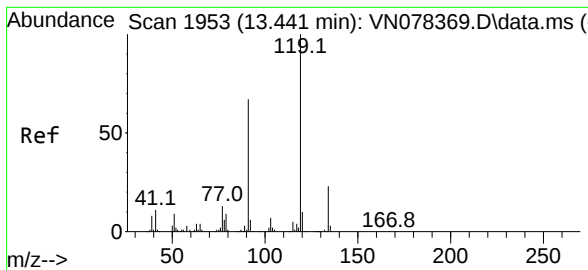
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#78
4-Chlorotoluene
Concen: 17.263 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

Tgt Ion: 91 Resp: 252339
Ion Ratio Lower Upper
91 100
126 34.8 0.0 68.8





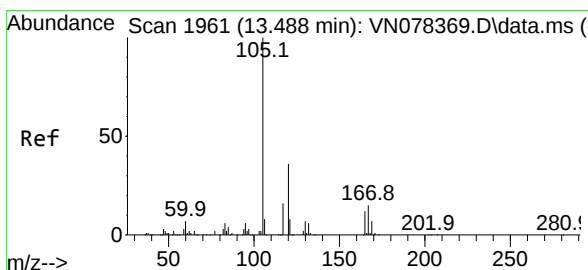
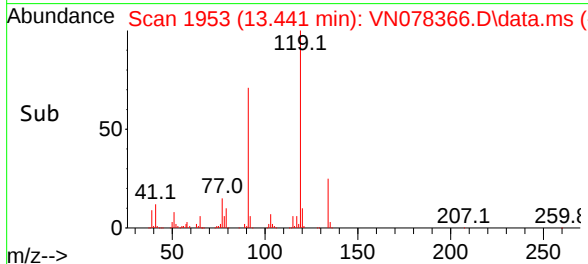
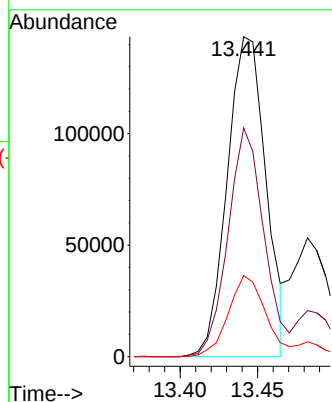
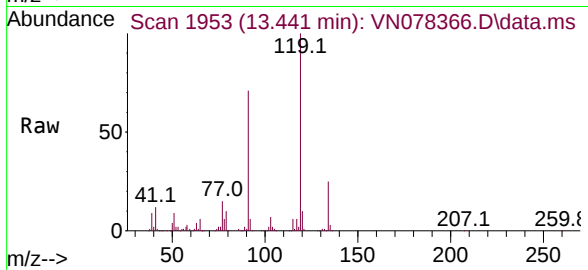
#79
tert-butylbenzene
Concen: 17.204 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:119 Resp: 249025
Ion Ratio Lower Upper
119 100
91 67.0 0.0 126.6
134 24.4 0.0 44.0

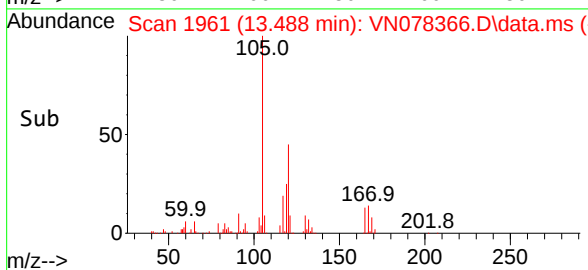
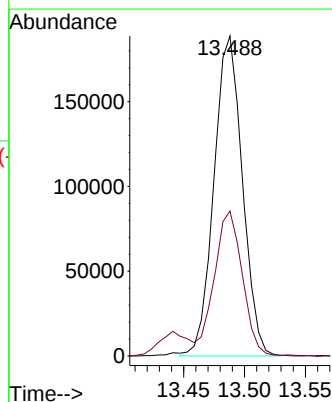
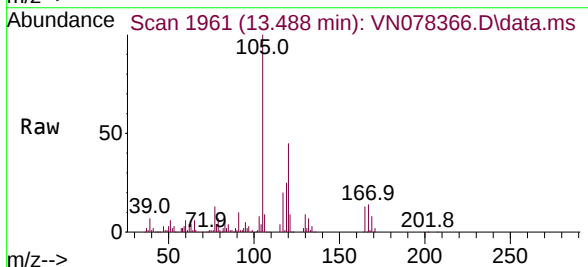
Manual Integrations
APPROVED

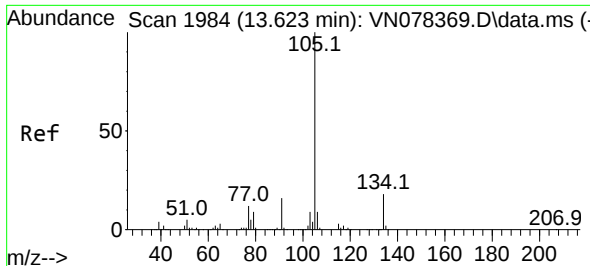
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#80
1,2,4-Trimethylbenzene
Concen: 18.435 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

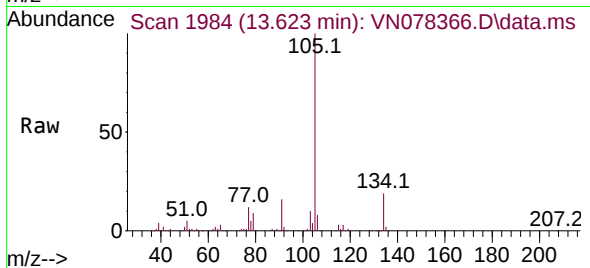
Tgt Ion:105 Resp: 306516
Ion Ratio Lower Upper
105 100
120 44.6 0.0 88.2





#81
 sec-Butylbenzene
 Concen: 18.121 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078366.D
 Acq: 23 Jun 2023 09:58

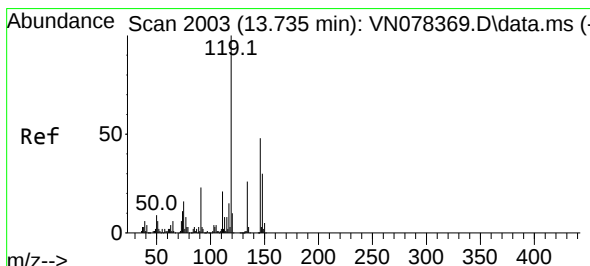
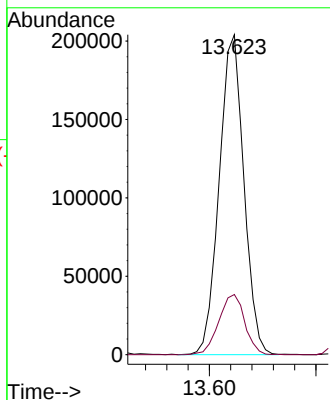
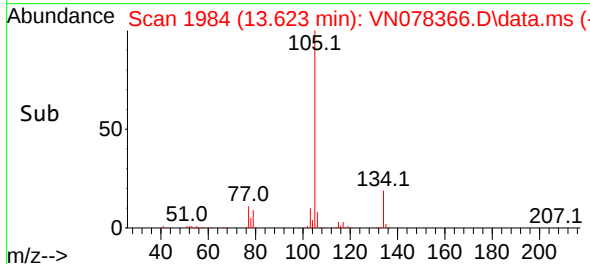
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



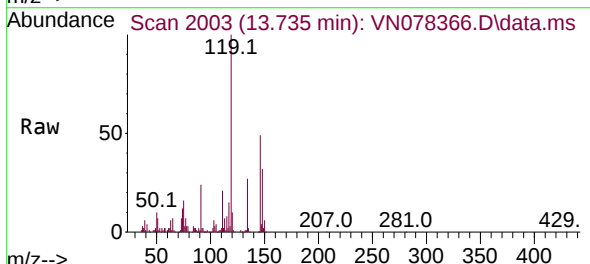
Tgt Ion:105 Resp: 327218
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 38.6

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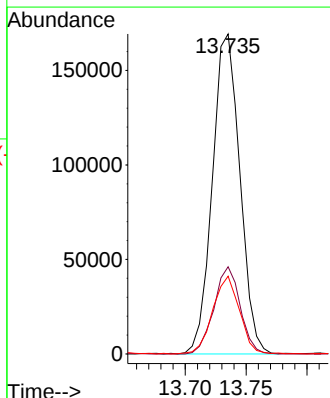
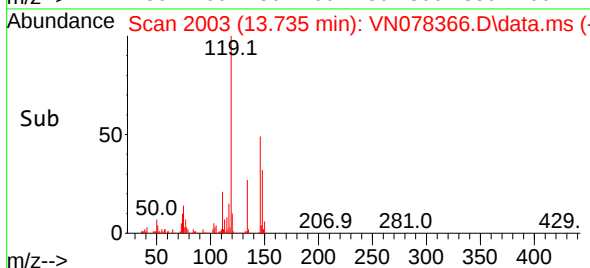
Reviewed By :John Carlone 06/24/2023
 Supervised By :Mahesh Dadoda 06/26/2023

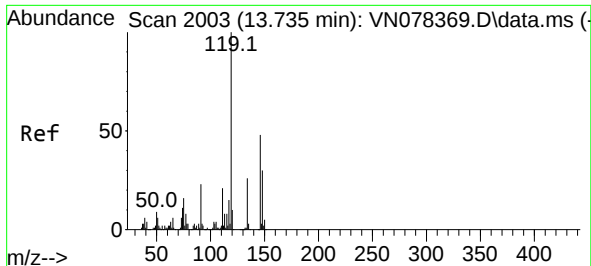


#82
 p-Isopropyltoluene
 Concen: 18.323 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078366.D
 Acq: 23 Jun 2023 09:58



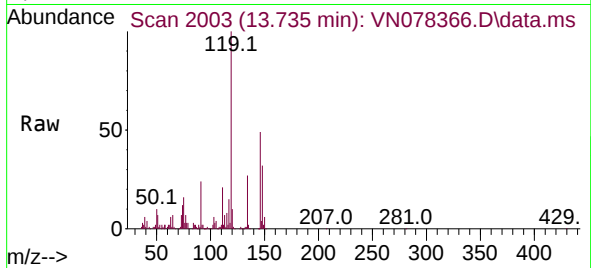
Tgt Ion:119 Resp: 266136
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 52.4
 91 23.7 0.0 48.2





#83
1,3-Dichlorobenzene
Concen: 18.165 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

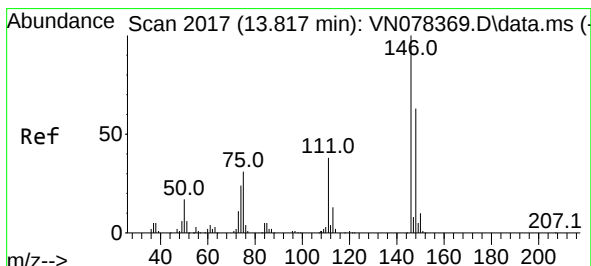
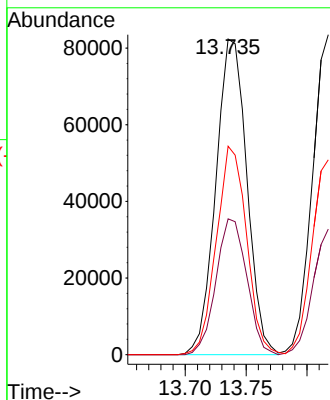
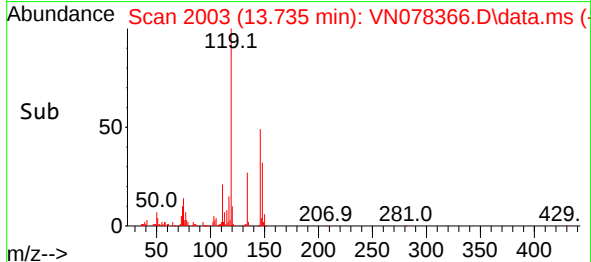
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



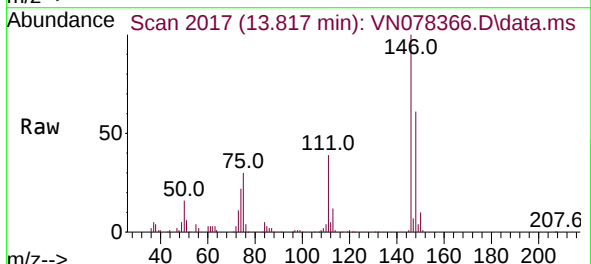
Tgt Ion:146 Resp: 146068
Ion Ratio Lower Upper
146 100
111 42.7 21.6 64.6
148 64.3 31.9 95.5

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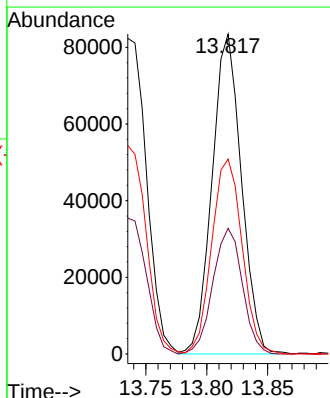
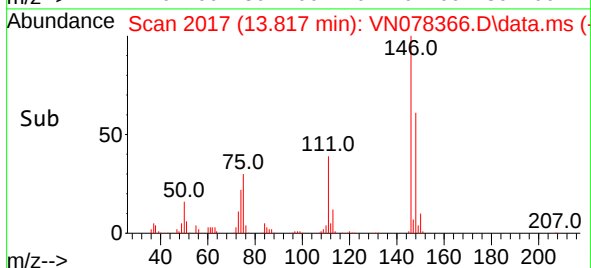
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

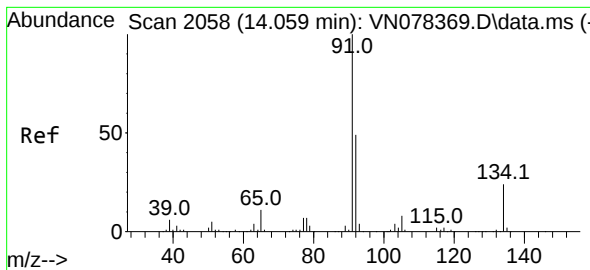


#84
1,4-Dichlorobenzene
Concen: 18.034 ug/l
RT: 13.817 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58



Tgt Ion:146 Resp: 140211
Ion Ratio Lower Upper
146 100
111 39.4 19.4 58.2
148 62.9 31.4 94.3





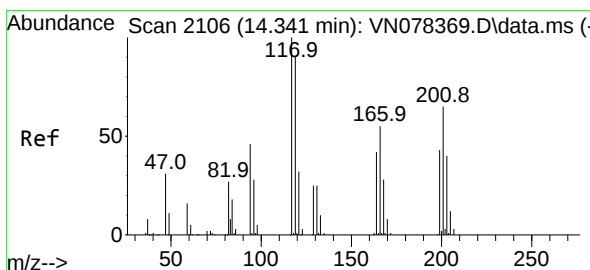
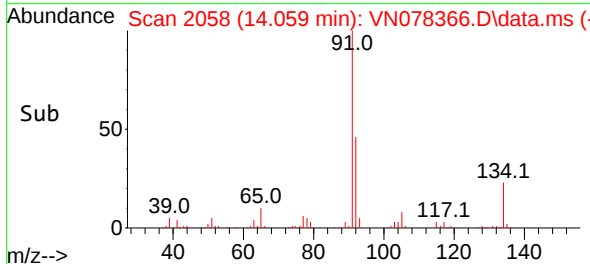
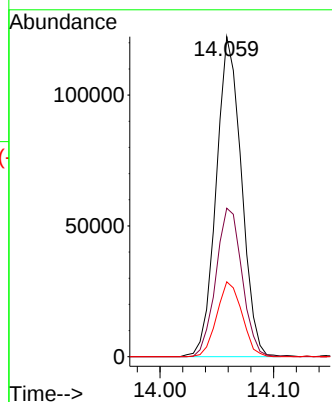
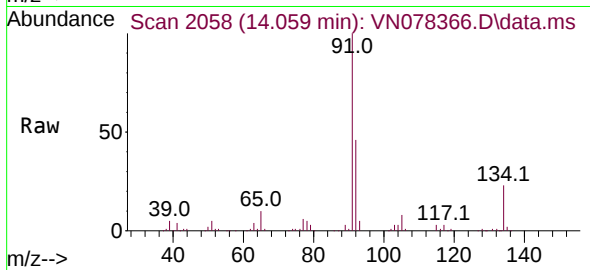
#85
n-Butylbenzene
Concen: 17.583 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 188640
Ion Ratio Lower Upper
91 100
92 48.2 0.0 99.6
134 23.4 0.0 50.0

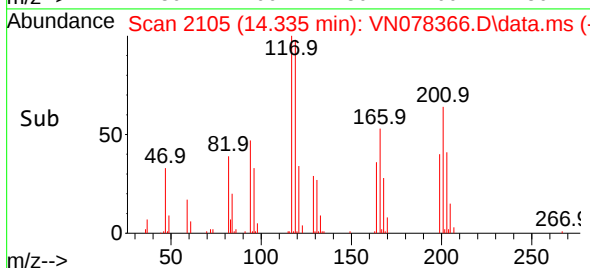
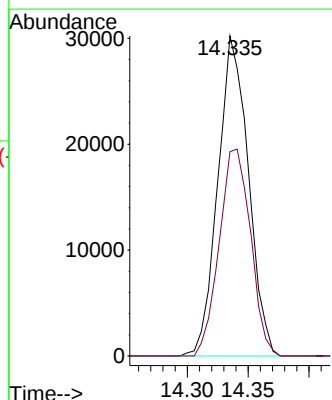
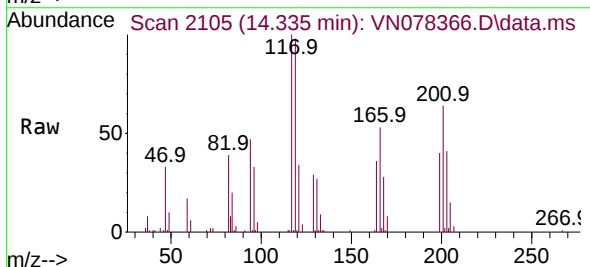
Manual Integrations
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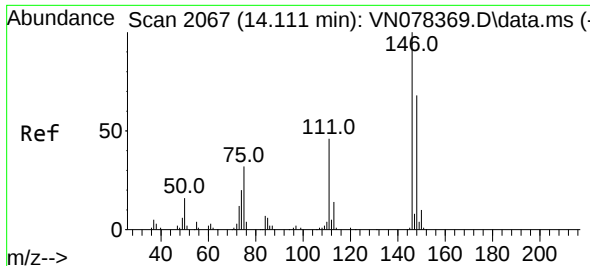
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#86
Hexachloroethane
Concen: 18.808 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

Tgt Ion:117 Resp: 52579
Ion Ratio Lower Upper
117 100
201 66.5 34.2 102.6





#87

1,2-Dichlorobenzene

Concen: 18.581 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN078366.D

Acq: 23 Jun 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:146 Resp: 14810

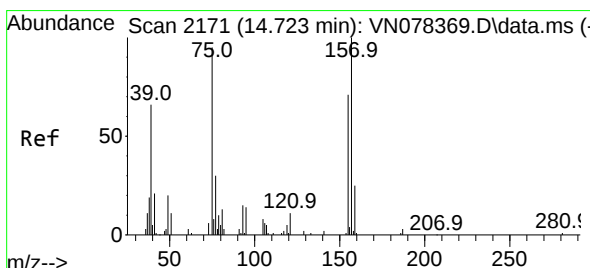
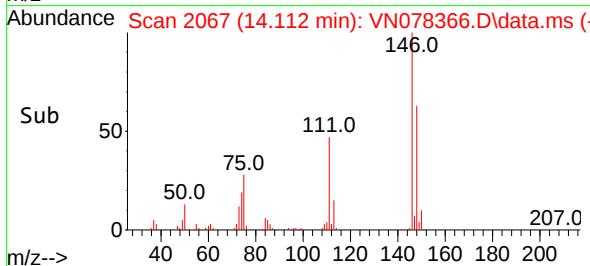
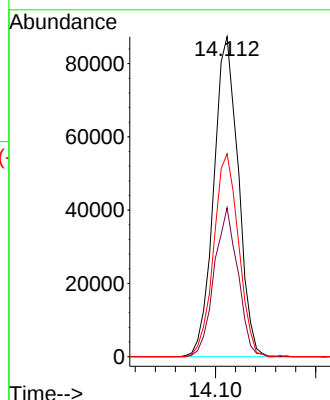
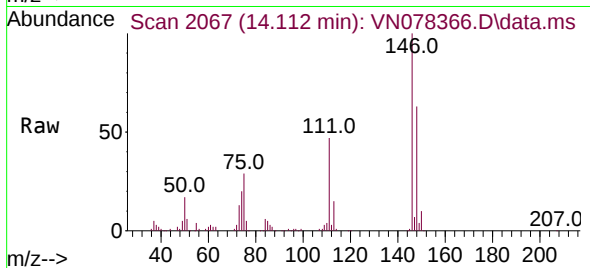
Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.4	67.3
148	64.3	33.4	100.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.997 ug/l

RT: 14.723 min Scan# 2171

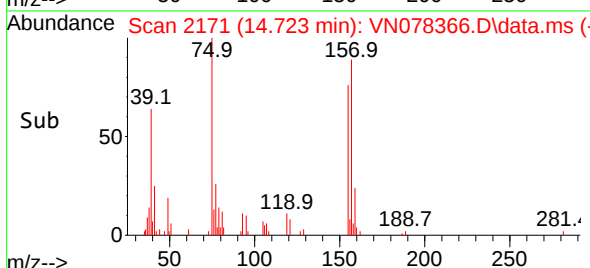
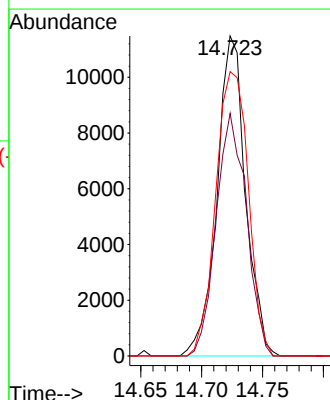
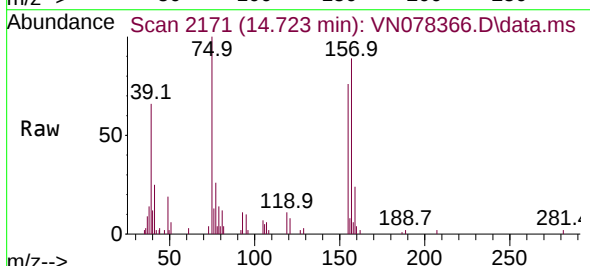
Delta R.T. 0.000 min

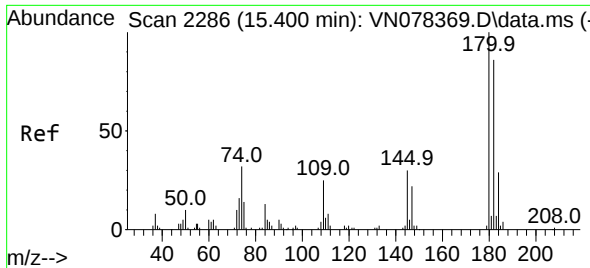
Lab File: VN078366.D

Acq: 23 Jun 2023 09:58

Tgt Ion: 75 Resp: 18713

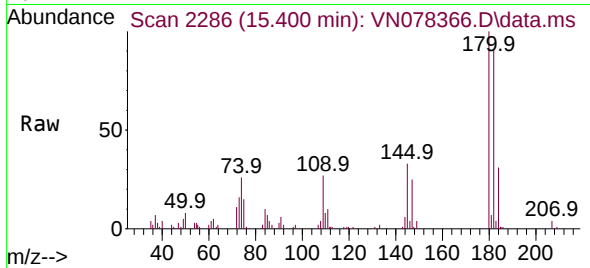
Ion	Ratio	Lower	Upper
75	100		
155	80.6	68.2	102.2
157	101.3	84.7	127.1





#89
1,2,4-Trichlorobenzene
Concen: 16.069 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

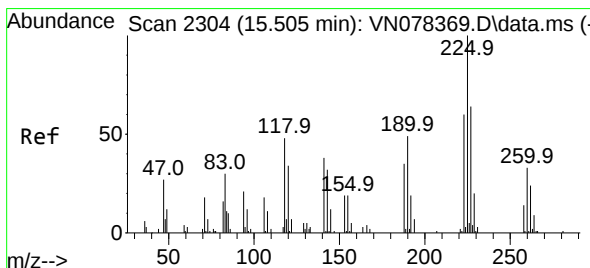
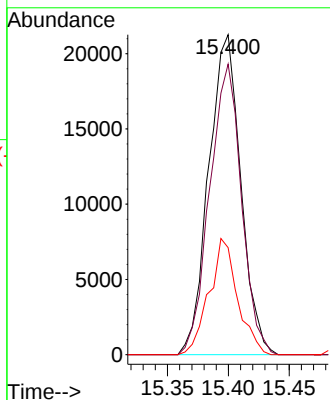
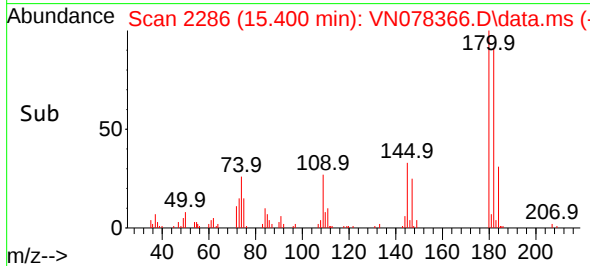
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:180 Resp: 3905
Ion Ratio Lower Upper
180 100
182 89.7 73.7 110.5
145 32.2 25.0 37.6

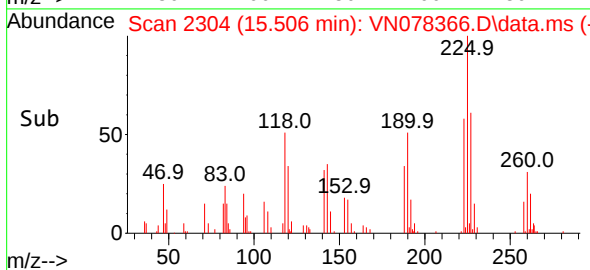
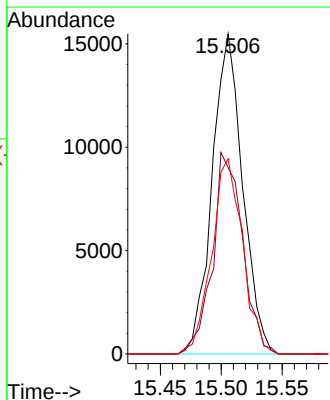
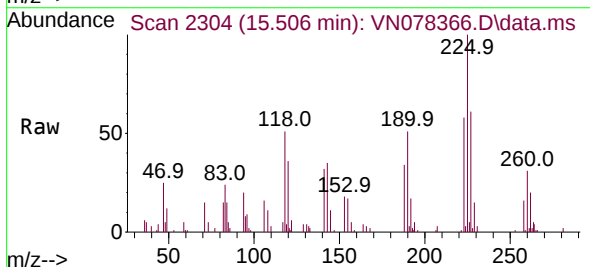
Manual Integrations
APPROVED

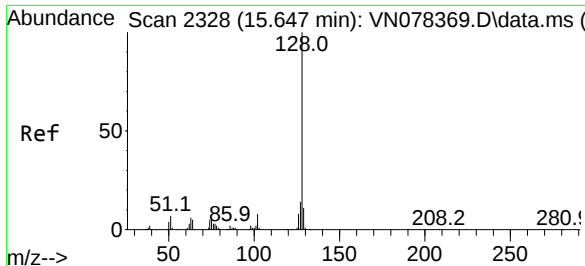
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#90
Hexachlorobutadiene
Concen: 16.318 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

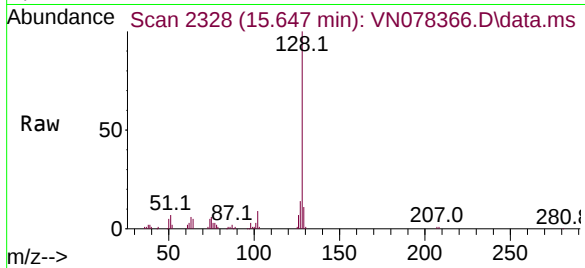
Tgt Ion:225 Resp: 26964
Ion Ratio Lower Upper
225 100
223 61.7 0.0 130.0
227 62.0 0.0 124.0





#91
Naphthalene
Concen: 14.049 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

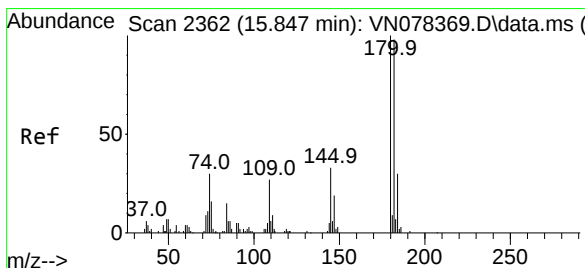
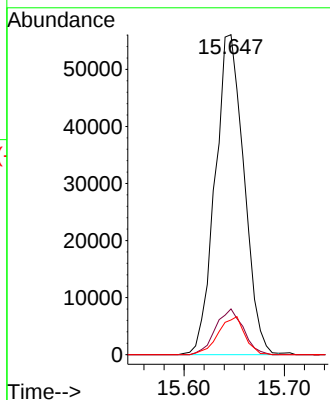
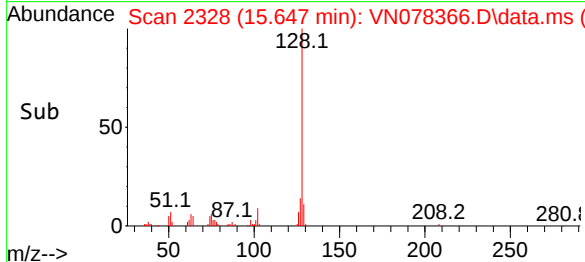
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 11188
Ion Ratio Lower Upper
128 100
127 13.8 10.2 15.2
129 10.9 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: 15.565 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN078366.D
Acq: 23 Jun 2023 09:58

Tgt Ion:180 Resp: 43765
Ion Ratio Lower Upper
180 100
182 91.6 0.0 196.4
145 34.2 0.0 71.0

