

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062323\
 Data File : VN078368.D
 Acq On : 23 Jun 2023 10:46
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 24 00:32:35 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	7.818	128	93078	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	510366	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	472868	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	203568	29.043	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	96.800%		
60) 4-Bromofluorobenzene	12.853	95	208710	31.328	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	104.433%		
63) Toluene-d8	10.571	98	660062	28.809	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	96.033%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	524475	93.034	ug/l	99
3) Chloromethane	2.371	50	636844	93.672	ug/l	96
4) Vinyl Chloride	2.524	62	757625	90.593	ug/l	94
5) Bromomethane	2.948	94	600219	88.285	ug/l	100
6) Chloroethane	3.118	64	487085	81.769	ug/l	100
7) Trichlorofluoromethane	3.500	101	911965	92.652	ug/l	99
8) Diethyl Ether	3.971	74	319820	97.339	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	502546	93.925	ug/l	100
10) 1,1-Dichloroethene	4.353	96	497368	94.803	ug/l	96
11) Methyl Iodide	4.600	142	751334	101.088	ug/l	99
12) Methyl Acetate	5.036	43	761430	93.580	ug/l	98
13) Acrolein	4.189	56	485888	476.768	ug/l	97
14) Acrylonitrile	5.730	53	1096428	490.791	ug/l	97
15) Acetone	4.436	58	280698	448.666	ug/l	93
16) Carbon Disulfide	4.724	76	1360444	94.897	ug/l	97
17) Allyl chloride	5.036	41	639904	97.050	ug/l	97
18) Methylene Chloride	5.283	84	566632	91.148	ug/l	95
19) trans-1,2-Dichloroethene	5.794	96	544312	94.011	ug/l	96
20) Diisopropyl ether	6.683	45	1543017	97.620	ug/l	99
21) 1,1-Dichloroethane	6.577	63	994811	94.884	ug/l	96
22) cis-1,2-Dichloroethene	7.494	96	639315	97.063	ug/l	98
23) tert-Butyl Alcohol	5.530	59	377558	459.688	ug/l #	100
24) Methyl tert-Butyl Ether	5.806	73	1621048	97.995	ug/l	100
25) Chloroform	7.971	83	1068667	96.451	ug/l	98
26) Cyclohexane	8.265	56	760339	101.331	ug/l #	99
29) 1,1-Dichloropropene	8.377	75	790707	99.943	ug/l	99
30) 2-Butanone	7.488	43	1372742	495.019	ug/l	98
31) 2,2-Dichloropropane	7.500	77	847509	100.189	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	945907	98.121	ug/l	99
33) Carbon Tetrachloride	8.371	117	852290	101.400	ug/l	94
34) Benzene	8.612	78	2341855	99.263	ug/l	98
35) Methacrylonitrile	7.788	41	318498	100.083	ug/l	90
36) 1,2-Dichloroethane	8.677	62	793571	98.658	ug/l	99
37) Trichloroethene	9.359	130	603097	100.053	ug/l	99
38) Methylcyclohexane	9.606	83	721488	103.798	ug/l	99
39) 1,2-Dichloropropane	9.630	63	588184	99.526	ug/l	99
40) Dibromomethane	9.712	93	415983	97.544	ug/l	99
41) Bromodichloromethane	9.894	83	844474	101.930	ug/l	95
42) Vinyl Acetate	6.612	43	4577099	518.127	ug/l	99

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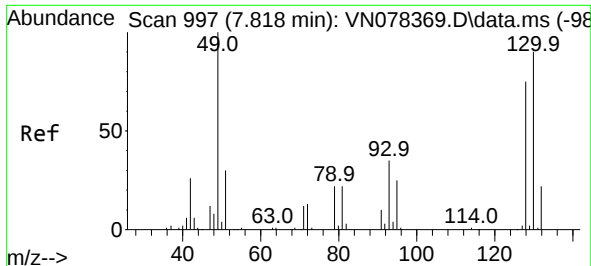
Manual Integrations
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062323W.M
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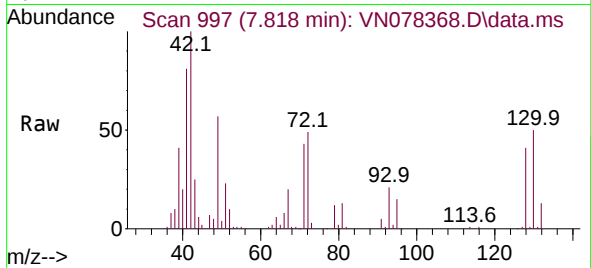
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	578932	101.781	ug/l	97
44) Isopropyl Acetate	8.694	43	1042807	98.881	ug/l	99
45) 1,4-Dioxane	9.700	88	187070	2059.257	ug/l	96
46) Methyl methacrylate	9.688	41	482865	102.858	ug/l	95
47) n-amyl Acetate	12.500	43	881600	113.720	ug/l	97
48) t-1,3-Dichloropropene	10.841	75	916900	107.815	ug/l	97
49) cis-1,3-Dichloropropene	10.318	75	976720	104.194	ug/l	99
50) 1,1,2-Trichloroethane	11.024	97	567127	99.199	ug/l	96
51) Ethyl methacrylate	10.876	69	848990	108.553	ug/l	95
52) 1,3-Dichloropropane	11.171	76	971545	101.254	ug/l	98
53) Dibromochloromethane	11.365	129	639679	105.491	ug/l	99
54) 1,2-Dibromoethane	11.476	107	588258	102.089	ug/l	100
55) 2-Chloroethyl vinyl ether	10.165	63	1685544	584.171	ug/l	98
56) Bromoform	12.582	173	414128	111.570	ug/l	96
58) 4-Methyl-2-Pentanone	10.453	43	3017511	477.854	ug/l	99
59) 2-Hexanone	11.200	43	2134914	489.529	ug/l	99
61) Tetrachloroethene	11.112	164	484167	93.440	ug/l	97
62) Toluene	10.635	91	2643590	96.059	ug/l	100
64) Chlorobenzene	11.894	112	1576028	96.620	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.965	131	594423	94.505	ug/l	99
66) Ethyl Benzene	11.971	91	2851775	101.837	ug/l	99
67) m/p-Xylenes	12.076	106	2154428	203.471	ug/l	99
68) o-Xylene	12.400	106	1051887	102.448	ug/l	98
69) Styrene	12.418	104	1739239	106.984	ug/l	99
70) Isopropylbenzene	12.700	105	2579651	102.247	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	773745	94.307	ug/l	98
72) 1,2,3-Trichloropropane	13.000	75	705297m	97.521	ug/l	
73) Bromobenzene	12.982	156	613433	101.696	ug/l	100
74) n-propylbenzene	13.041	91	2914494	106.234	ug/l	99
75) 2-Chlorotoluene	13.129	91	1812324	97.587	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	2057815	98.363	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	253060	114.482	ug/l	93
78) 4-Chlorotoluene	13.223	91	1826590	105.104	ug/l	100
79) tert-butylbenzene	13.441	119	1651198	95.948	ug/l	96
80) 1,2,4-Trimethylbenzene	13.488	105	2024927	102.434	ug/l	98
81) sec-Butylbenzene	13.617	105	2188285	101.926	ug/l	99
82) p-Isopropyltoluene	13.735	119	1814429	105.070	ug/l	100
83) 1,3-Dichlorobenzene	13.735	146	1043879	109.188	ug/l	99
84) 1,4-Dichlorobenzene	13.817	146	1017761	110.104	ug/l	99
85) n-Butylbenzene	14.059	91	1409974	110.537	ug/l	99
86) Hexachloroethane	14.335	117	342874	103.158	ug/l	99
87) 1,2-Dichlorobenzene	14.112	146	1016784	107.293	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.723	75	128141	103.657	ug/l	98
89) 1,2,4-Trichlorobenzene	15.394	180	376750	130.381	ug/l	98
90) Hexachlorobutadiene	15.506	225	165145	84.063	ug/l	99
91) Naphthalene	15.647	128	1266507	133.761	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	399058	119.373	ug/l	96

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

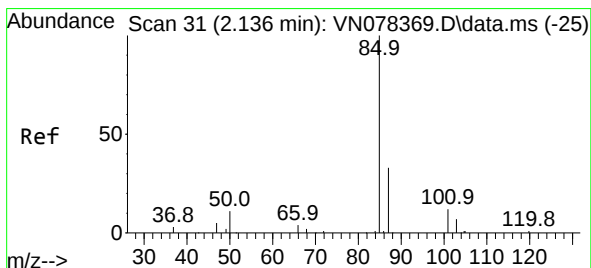
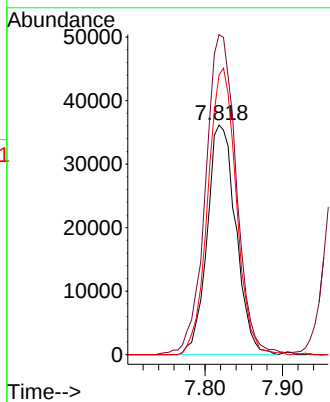
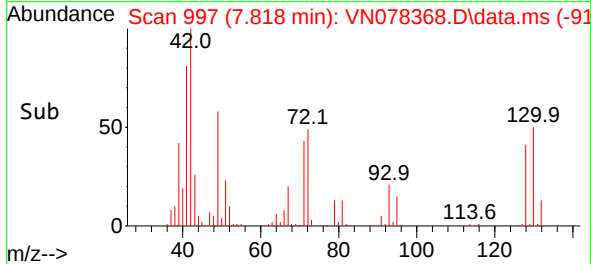
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:128 Resp: 93078
Ion Ratio Lower Upper
128 100
49 149.4 0.0 370.8
130 122.9 0.0 307.0

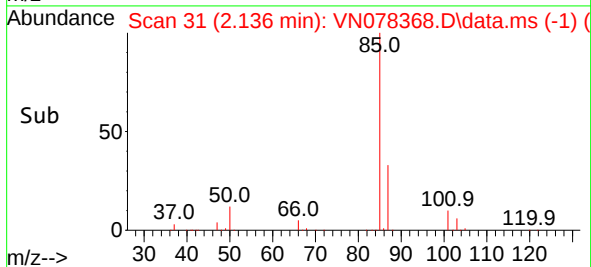
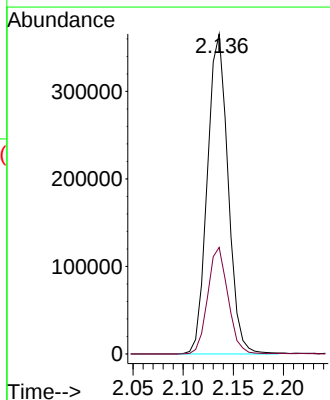
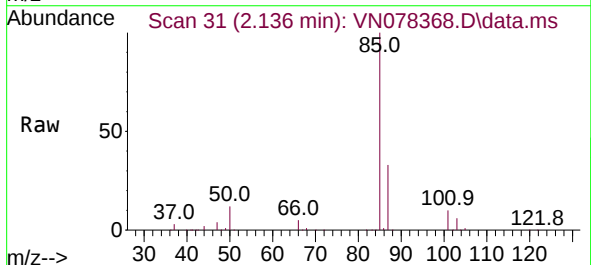
Manual Integrations
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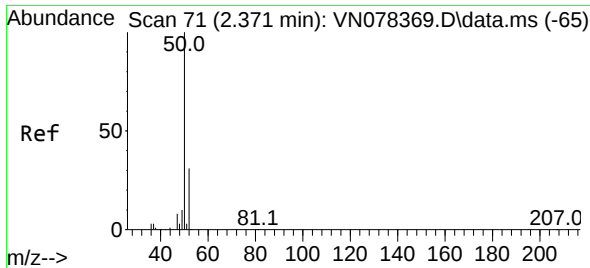
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#2
Dichlorodifluoromethane
Concen: 93.034 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

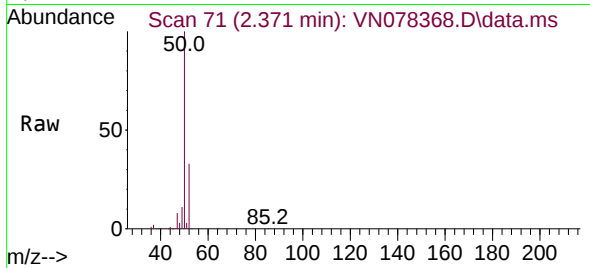
Tgt Ion: 85 Resp: 524475
Ion Ratio Lower Upper
85 100
87 33.3 16.4 49.4





#3
Chloromethane
Concen: 93.672 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

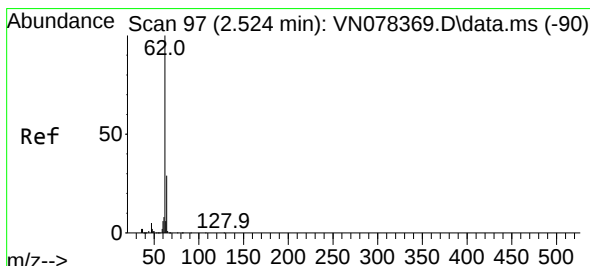
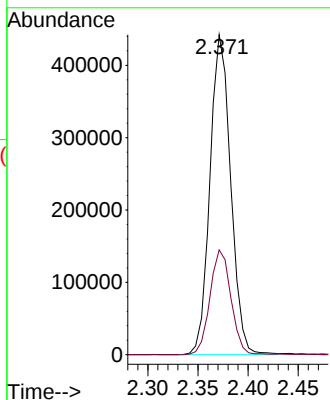
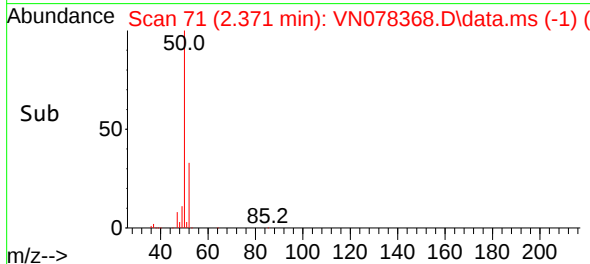
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



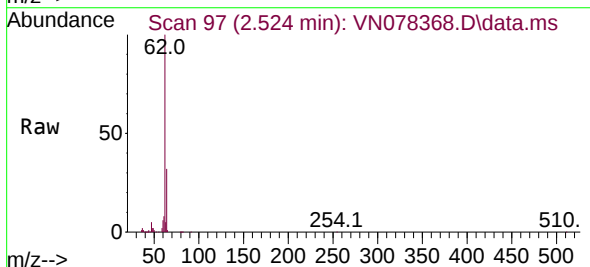
Tgt Ion: 50 Resp: 636844
Ion Ratio Lower Upper
50 100
52 32.8 24.6 36.8

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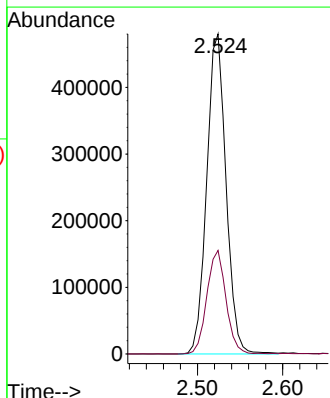
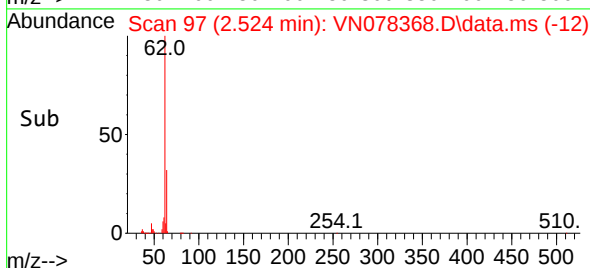
Reviewed By :John Carlone 06/24/2023
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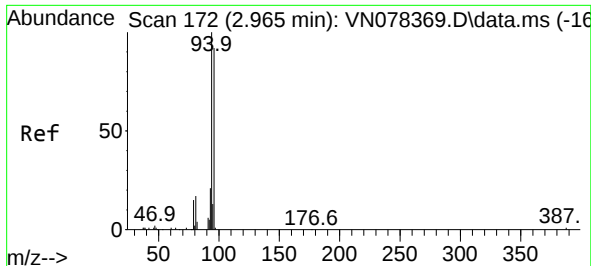


#4
Vinyl Chloride
Concen: 90.593 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46



Tgt Ion: 62 Resp: 757625
Ion Ratio Lower Upper
62 100
64 32.3 23.3 34.9





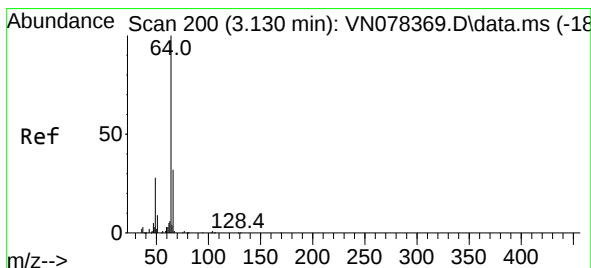
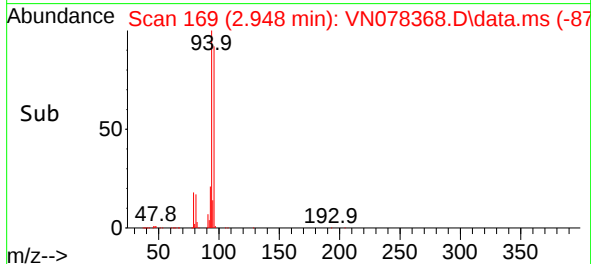
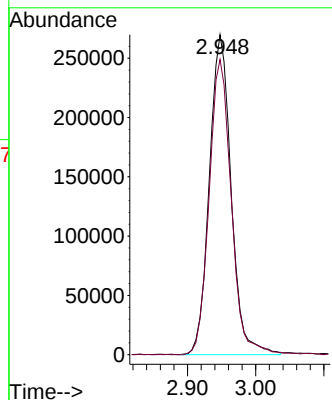
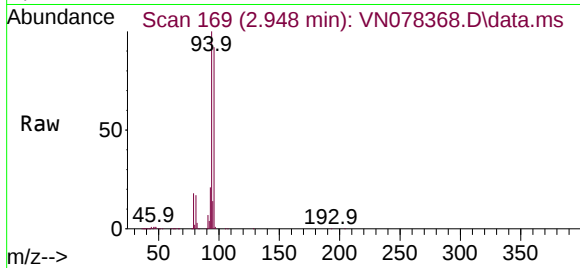
#5
Bromomethane
Concen: 88.285 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.018 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 94 Resp: 600219
Ion Ratio Lower Upper
94 100
96 92.2 73.9 110.9

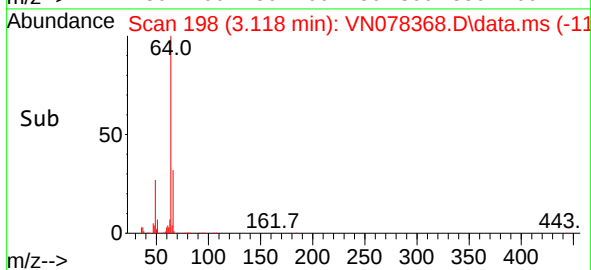
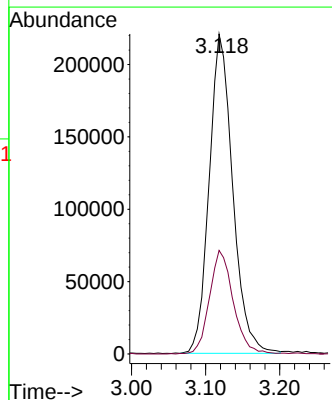
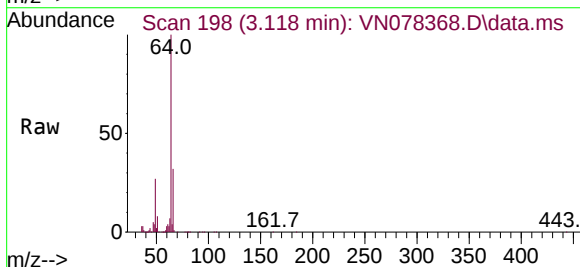
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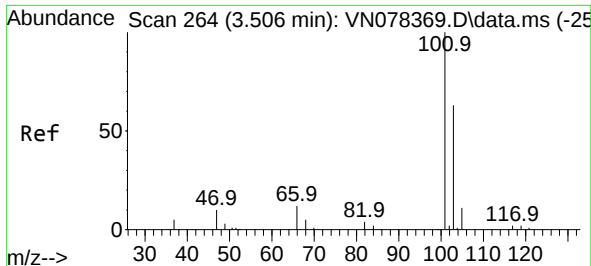
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#6
Chloroethane
Concen: 81.769 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.012 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

Tgt Ion: 64 Resp: 487085
Ion Ratio Lower Upper
64 100
66 32.3 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 92.652 ug/l
 RT: 3.500 min Scan# 264
 Delta R.T. -0.006 min
 Lab File: VN078368.D
 Acq: 23 Jun 2023 10:46

Instrument :

MSVOA_N

ClientSampleId :

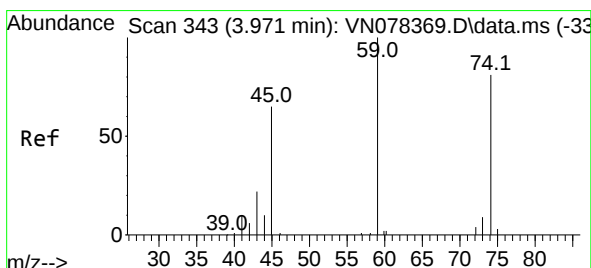
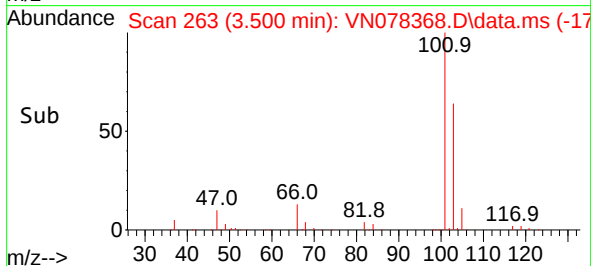
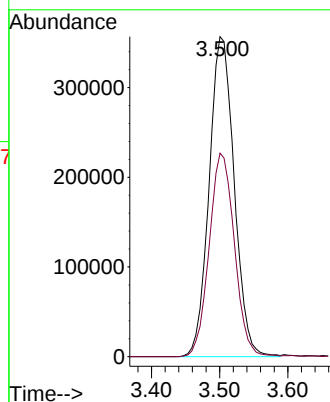
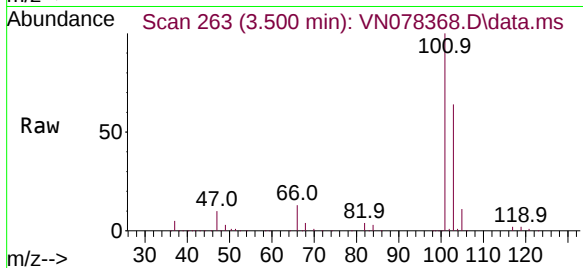
VSTDICC100

Tgt Ion:101 Resp: 91196
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.4 75.6

Manual Integrations

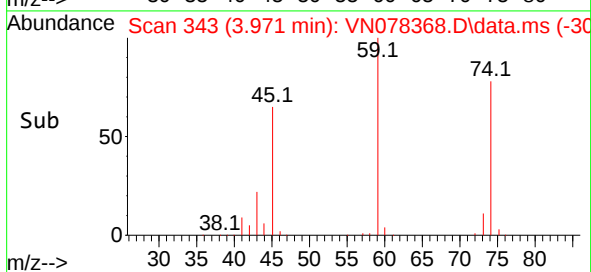
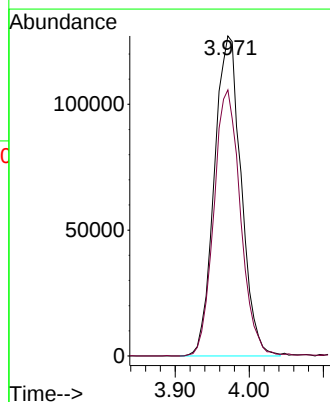
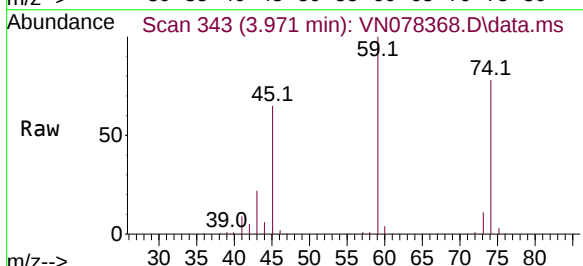
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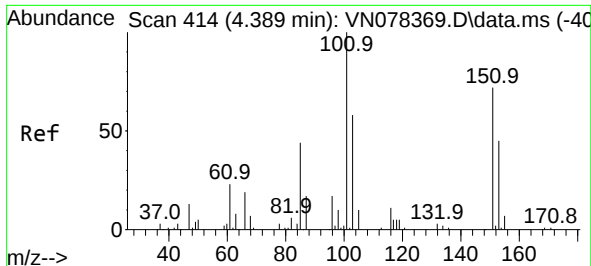
Reviewed By :John Carlone 06/24/2023
 Supervised By :Mahesh Dadoda 06/26/2023



#8
 Diethyl Ether
 Concen: 97.339 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
 Lab File: VN078368.D
 Acq: 23 Jun 2023 10:46

Tgt Ion: 74 Resp: 319820
 Ion Ratio Lower Upper
 74 100
 45 82.5 16.3 146.5





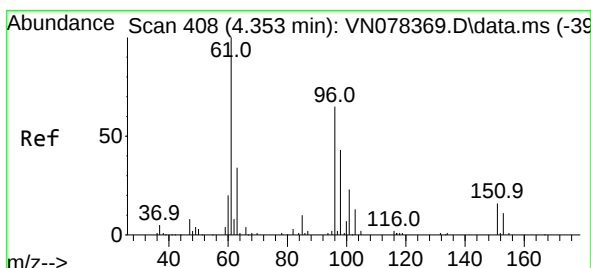
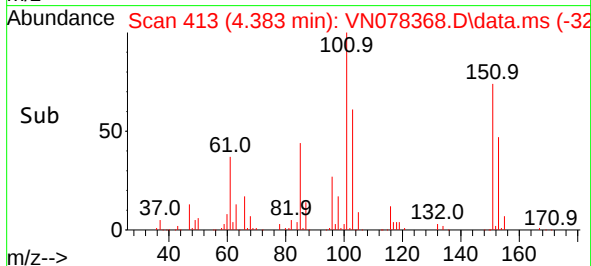
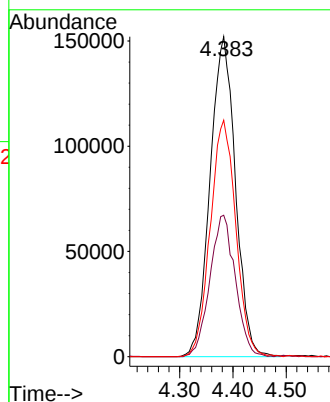
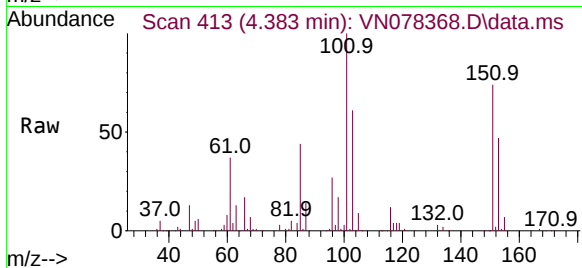
#9
1,1,2-Trichlorotrifluoroethane
Concen: 93.925 ug/l
RT: 4.383 min Scan# 414
Delta R.T. -0.006 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 502540
Ion Ratio Lower Upper
101 100
85 44.3 0.0 89.2
151 74.4 0.0 148.8

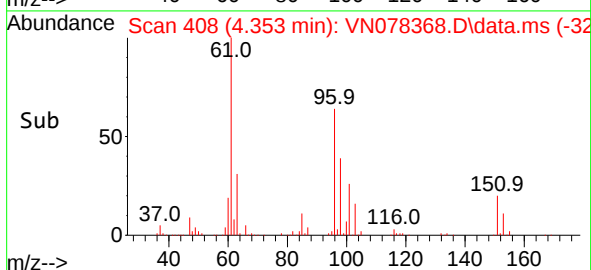
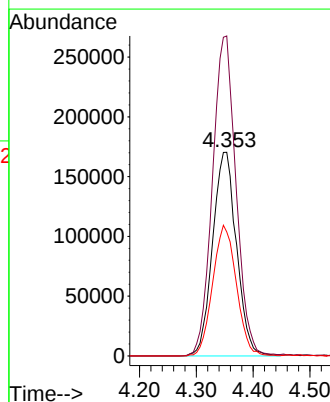
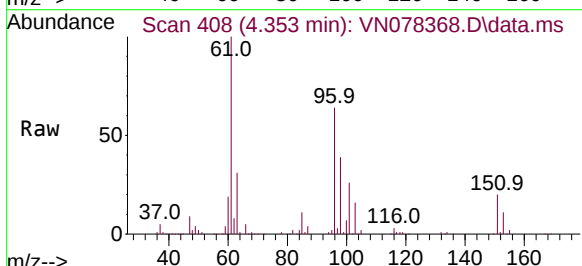
Manual Integrations
APPROVED

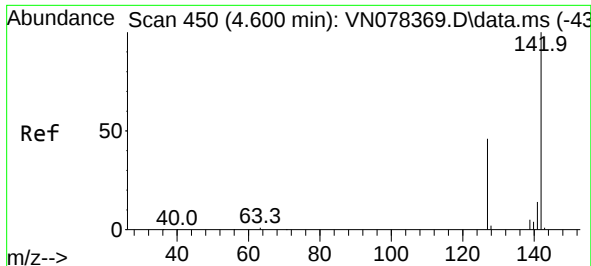
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#10
1,1-Dichloroethene
Concen: 94.803 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

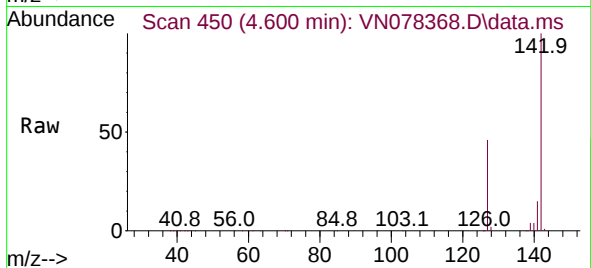
Tgt Ion: 96 Resp: 497368
Ion Ratio Lower Upper
96 100
61 157.1 123.4 185.2
98 60.9 53.7 80.5





#11
Methyl Iodide
Concen: 101.088 ug/l
RT: 4.600 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

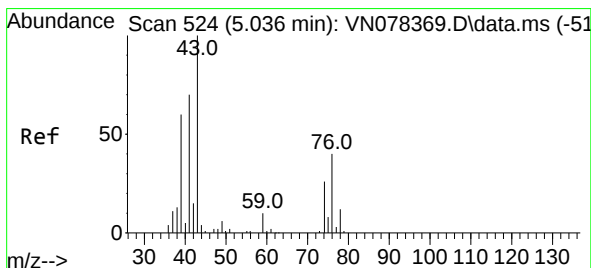
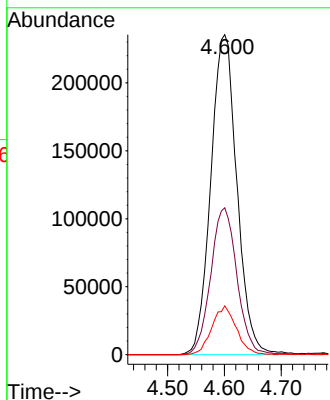
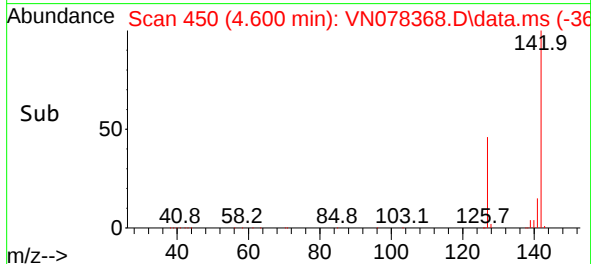
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:142 Resp: 751334
Ion Ratio Lower Upper
142 100
127 45.9 23.2 69.5
141 15.2 7.2 21.7

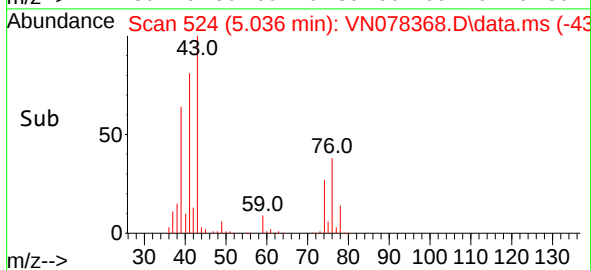
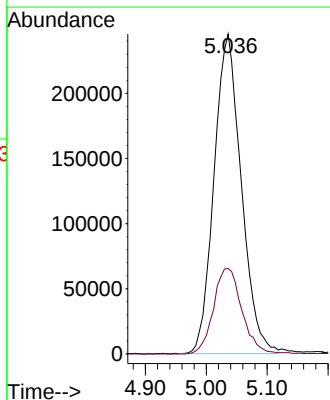
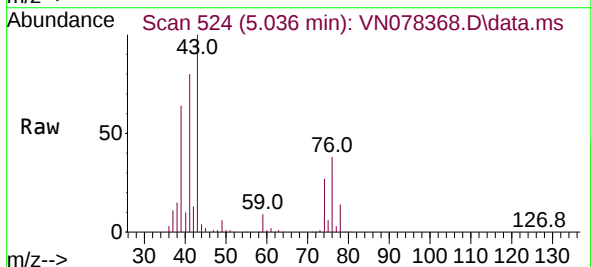
Manual Integrations
APPROVED

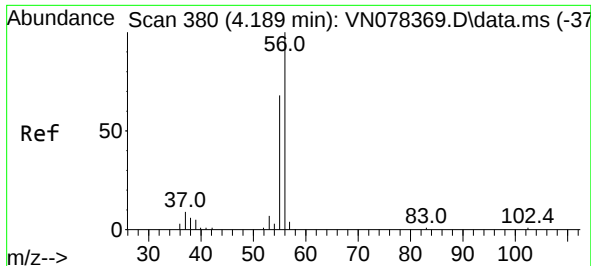
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#12
Methyl Acetate
Concen: 93.580 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

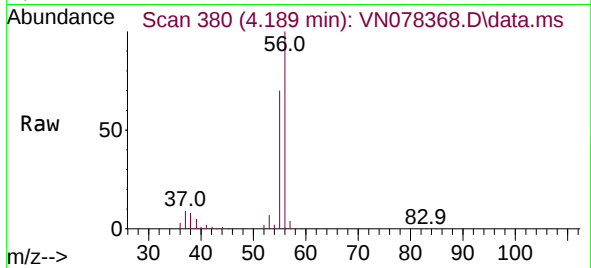
Tgt Ion: 43 Resp: 761430
Ion Ratio Lower Upper
43 100
74 26.7 20.5 30.7





#13
Acrolein
Concen: 476.768 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

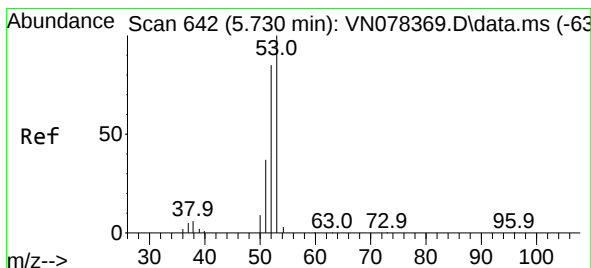
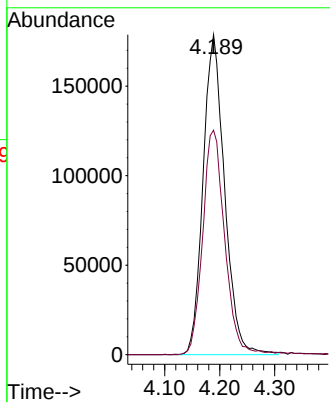
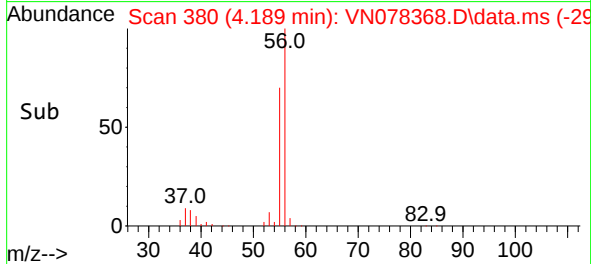
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



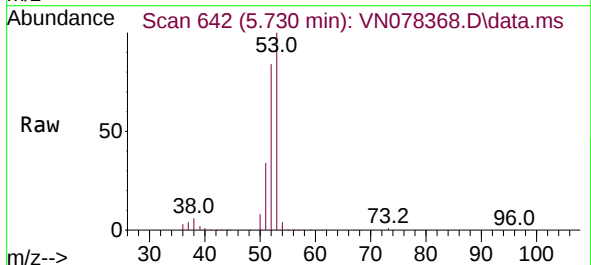
Tgt Ion: 56 Resp: 48588
Ion Ratio Lower Upper
56 100
55 71.0 59.0 88.4

Manual Integrations
APPROVED

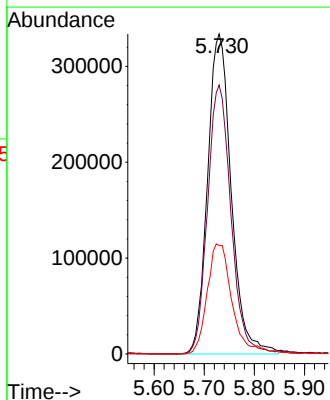
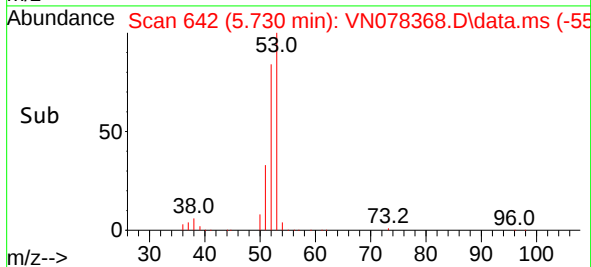
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

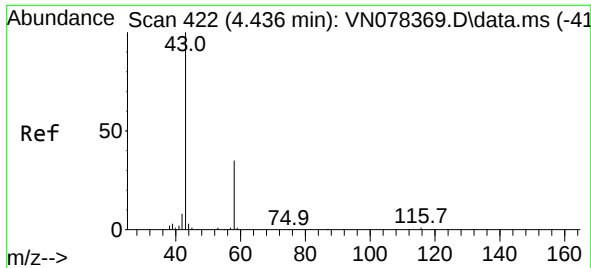


#14
Acrylonitrile
Concen: 490.791 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46



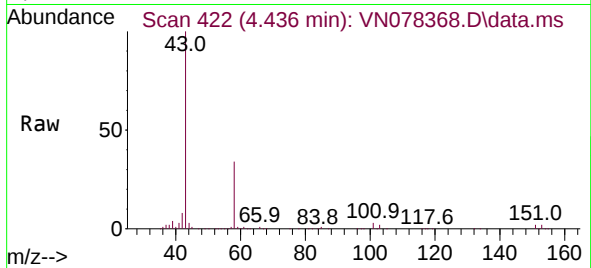
Tgt Ion: 53 Resp: 1096428
Ion Ratio Lower Upper
53 100
52 82.8 42.3 126.9
51 34.7 18.4 55.4





#15
Acetone
Concen: 448.666 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

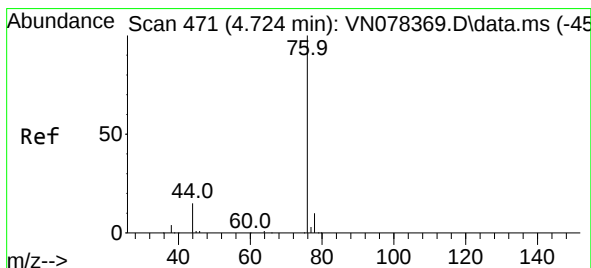
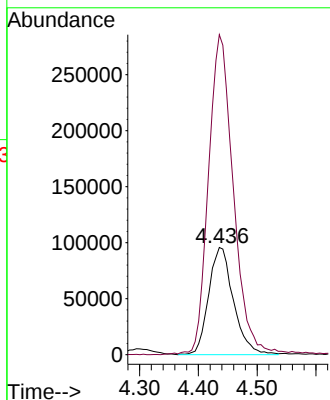
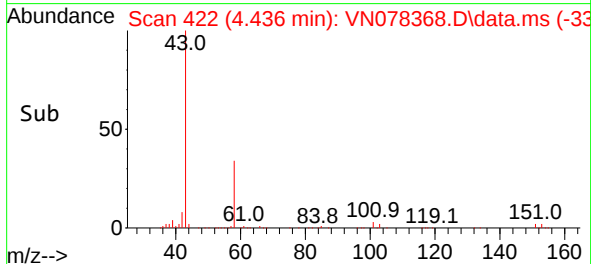
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



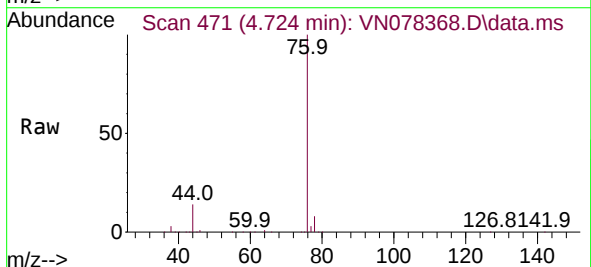
Tgt Ion: 58 Resp: 280698
Ion Ratio Lower Upper
58 100
43 297.7 227.5 341.3

Manual Integrations
APPROVED

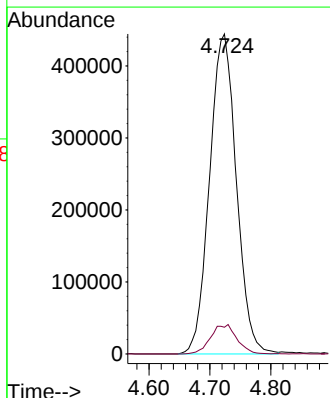
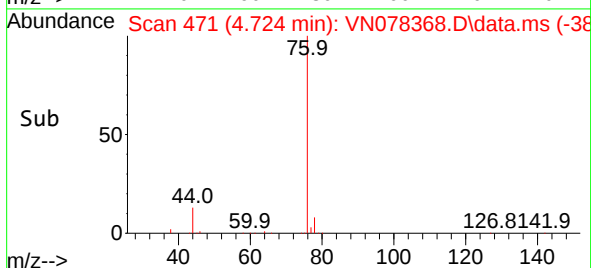
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

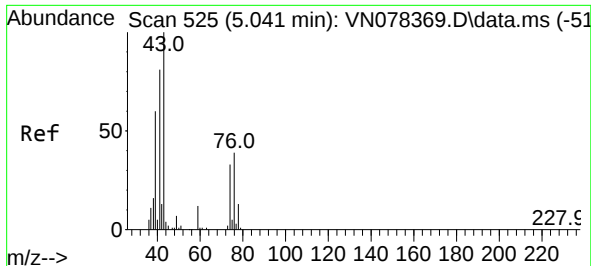


#16
Carbon Disulfide
Concen: 94.897 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46



Tgt Ion: 76 Resp: 1360444
Ion Ratio Lower Upper
76 100
78 8.4 7.7 11.5





#17
 Allyl chloride
 Concen: 97.050 ug/l
 RT: 5.036 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN078368.D
 Acq: 23 Jun 2023 10:46

Instrument :

MSVOA_N

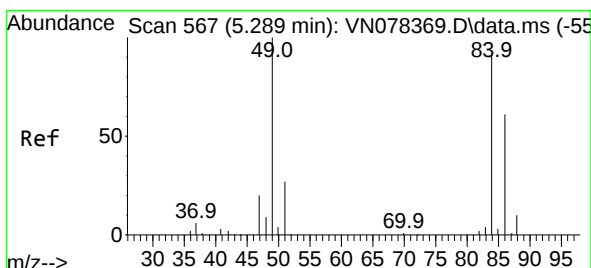
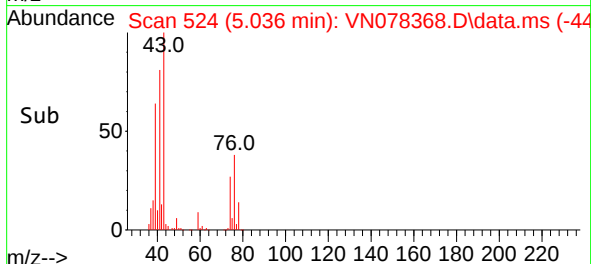
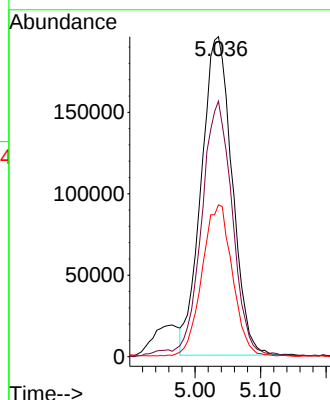
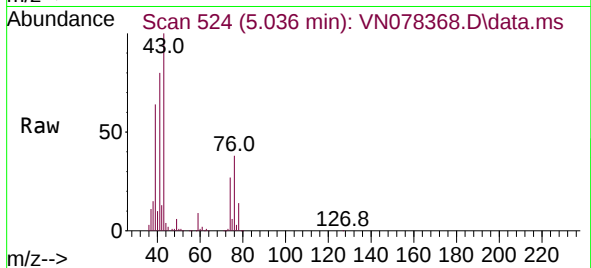
ClientSampleId :

VSTDICC100

Tgt Ion: 41 Resp: 639904
 Ion Ratio Lower Upper
 41 100
 39 79.6 37.6 112.8
 76 47.3 23.8 71.4

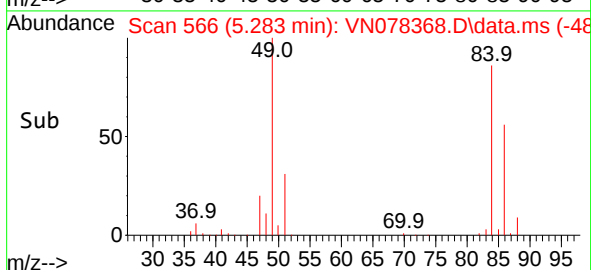
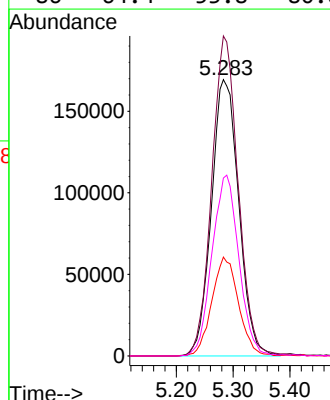
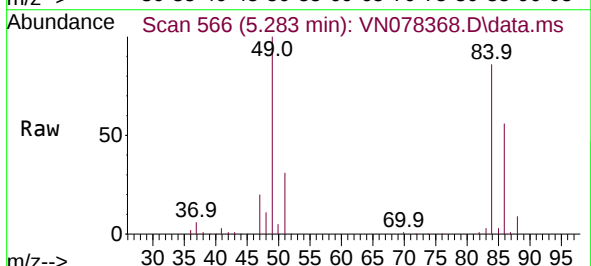
Manual Integrations
 APPROVED

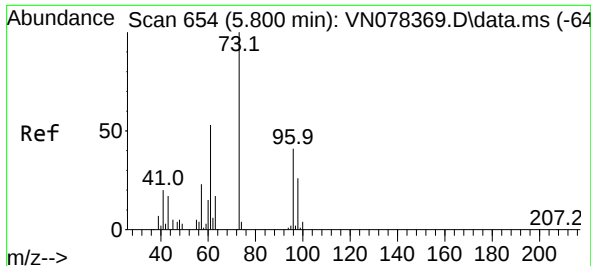
Reviewed By :John Carlone 06/24/2023
 Supervised By :Mahesh Dadoda 06/26/2023



#18
 Methylene Chloride
 Concen: 91.148 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. -0.006 min
 Lab File: VN078368.D
 Acq: 23 Jun 2023 10:46

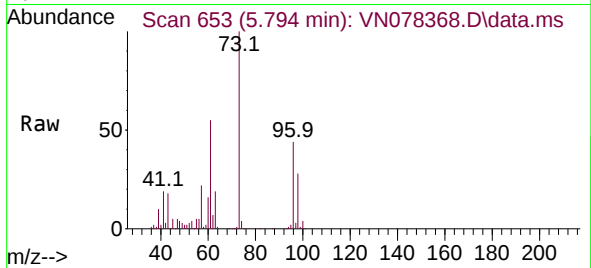
Tgt Ion: 84 Resp: 566632
 Ion Ratio Lower Upper
 84 100
 49 115.6 88.1 132.1
 51 35.6 24.0 36.0
 86 64.4 53.8 80.8





#19
trans-1,2-Dichloroethene
Concen: 94.011 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

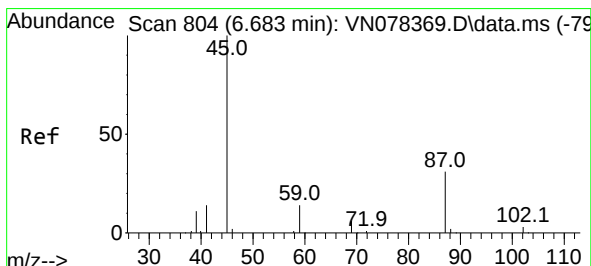
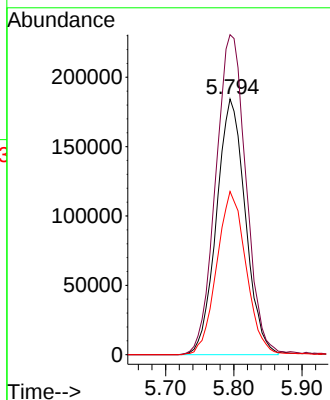
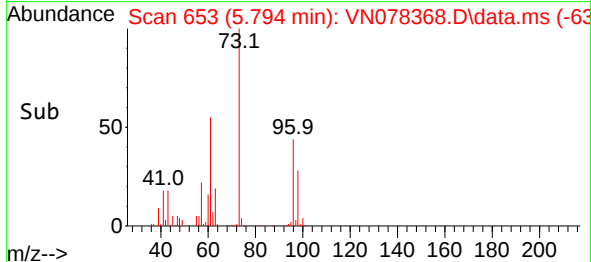
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



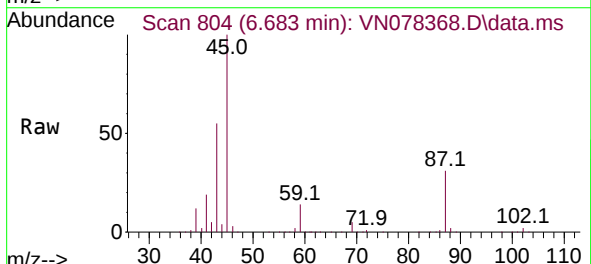
Tgt Ion: 96 Resp: 544312
Ion Ratio Lower Upper
96 100
61 125.1 105.2 157.8
98 63.8 50.5 75.7

Manual Integrations
APPROVED

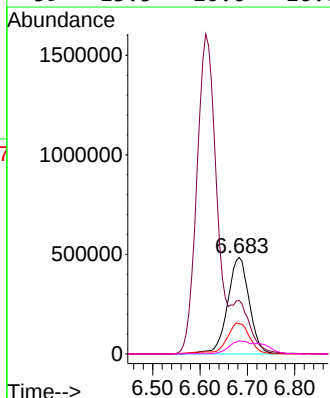
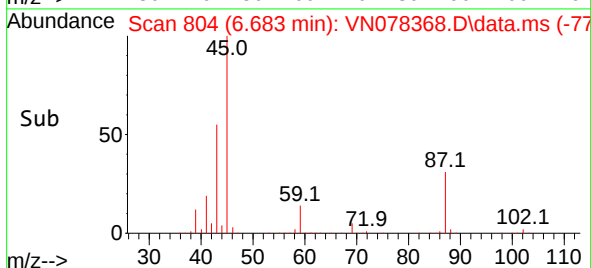
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

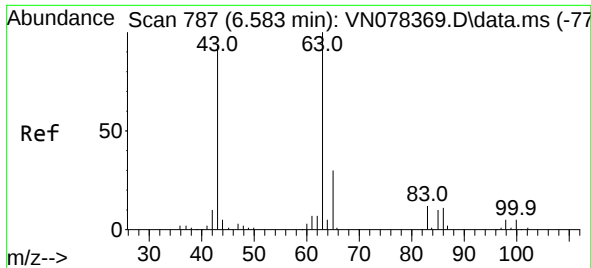


#20
Diisopropyl ether
Concen: 97.620 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46



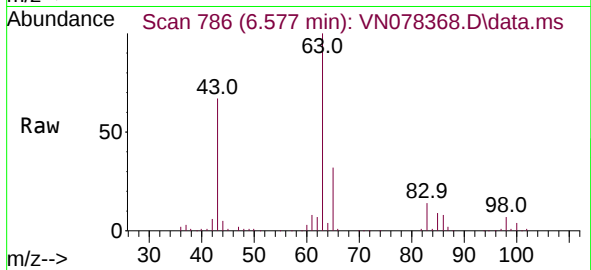
Tgt Ion: 45 Resp: 1543017
Ion Ratio Lower Upper
45 100
43 54.2 43.6 65.4
87 31.0 25.8 38.6
59 13.5 10.6 16.0





#21
1,1-Dichloroethane
Concen: 94.884 ug/l
RT: 6.577 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

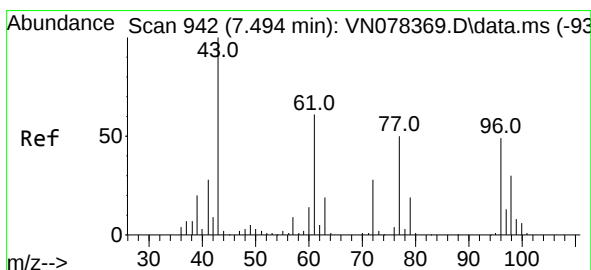
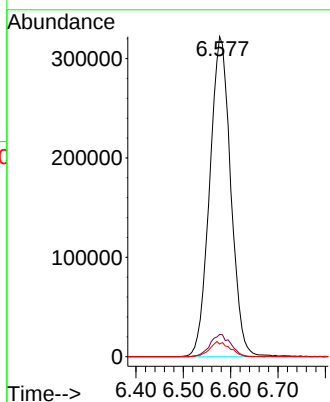
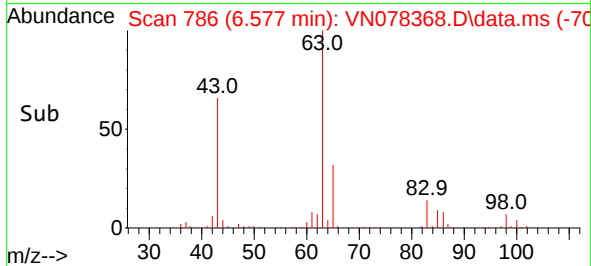
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 63 Resp: 99481
Ion Ratio Lower Upper
63 100
98 7.0 2.7 8.1
100 4.0 2.5 7.4

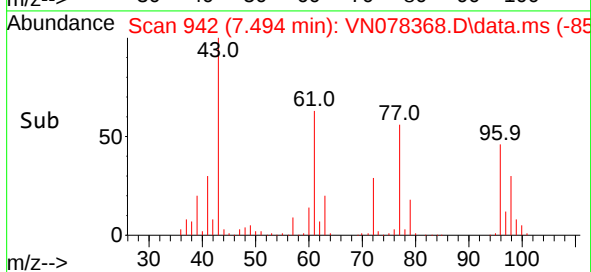
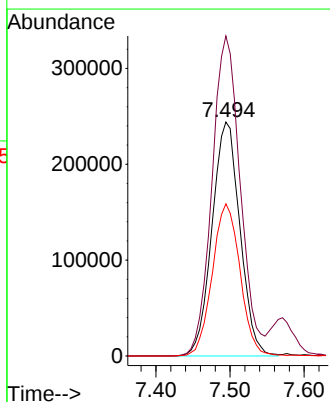
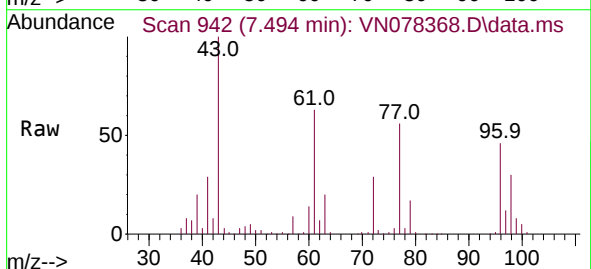
Manual Integrations
APPROVED

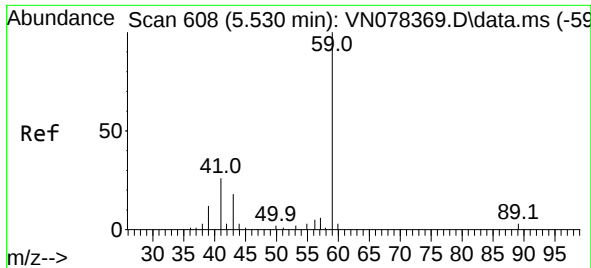
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#22
cis-1,2-Dichloroethene
Concen: 97.063 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

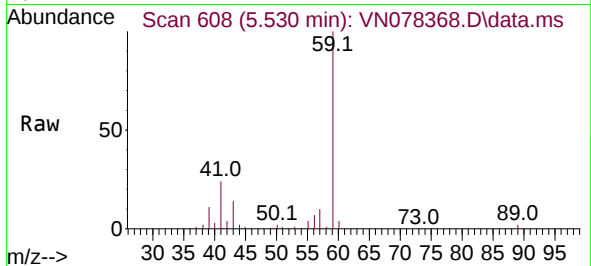
Tgt Ion: 96 Resp: 639315
Ion Ratio Lower Upper
96 100
61 138.7 113.8 170.6
98 64.6 52.2 78.4





#23
tert-Butyl Alcohol
Concen: 459.688 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

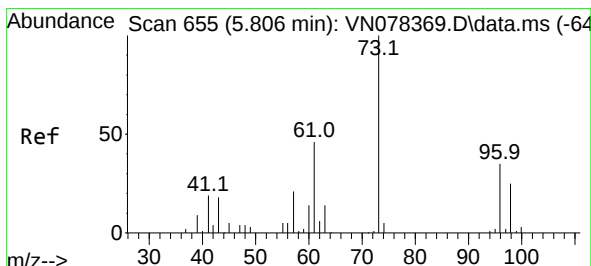
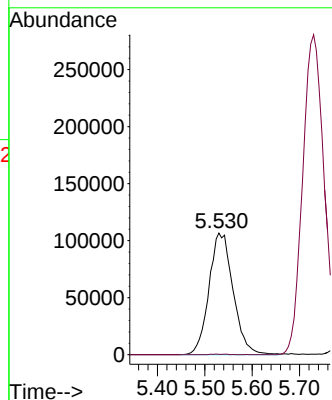
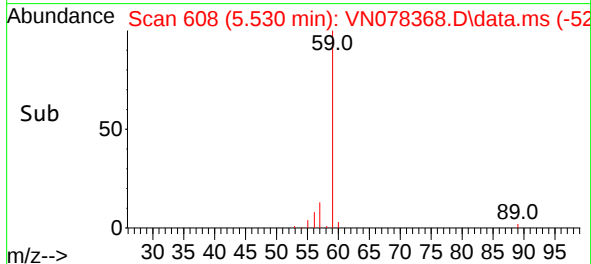
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 59 Resp: 377558
Ion Ratio Lower Upper
59 100
52 0.1 0.1 0.1

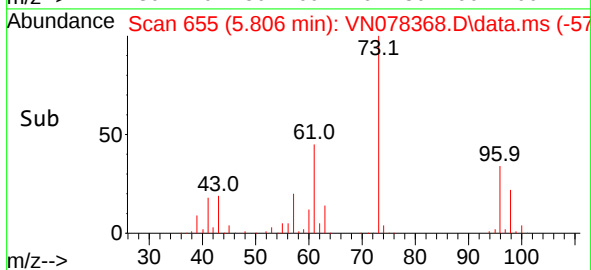
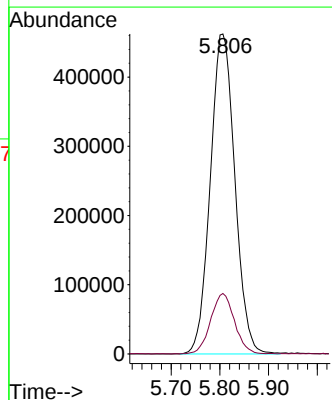
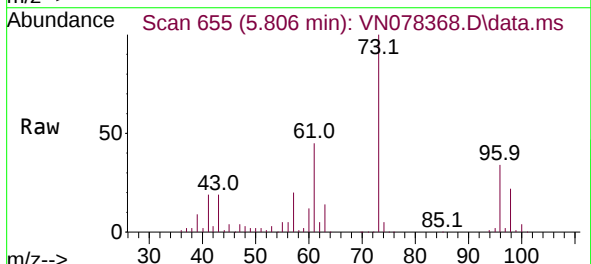
Manual Integrations
APPROVED

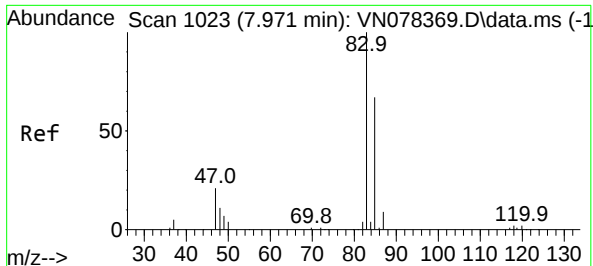
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#24
Methyl tert-Butyl Ether
Concen: 97.995 ug/l
RT: 5.806 min Scan# 655
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

Tgt Ion: 73 Resp: 1621048
Ion Ratio Lower Upper
73 100
43 18.2 14.5 21.7





#25

Chloroform

Concen: 96.451 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN078368.D

Acq: 23 Jun 2023 10:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 83 Resp: 106866

Ion Ratio Lower Upper

83 100

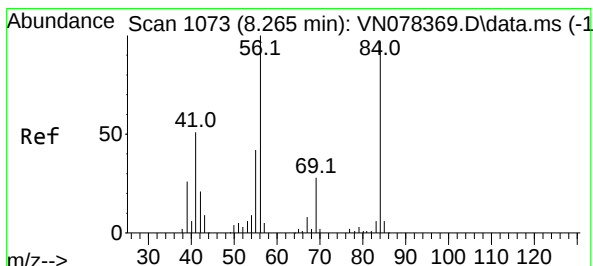
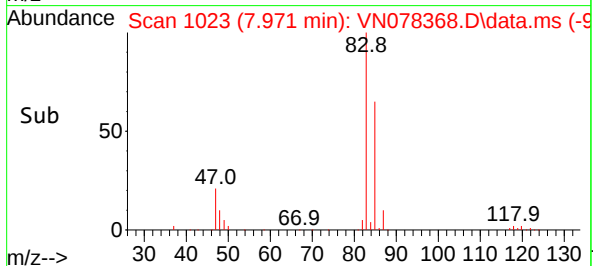
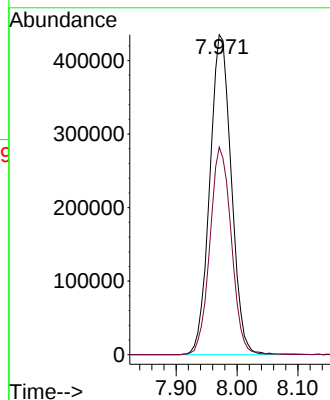
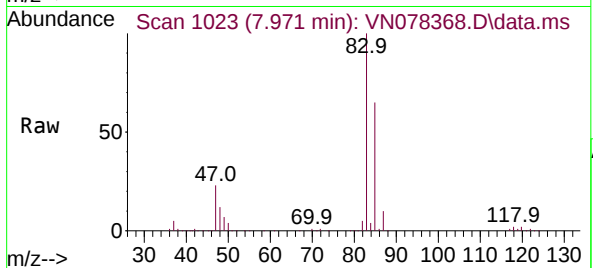
85 64.8 53.4 80.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#26

Cyclohexane

Concen: 101.331 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN078368.D

Acq: 23 Jun 2023 10:46

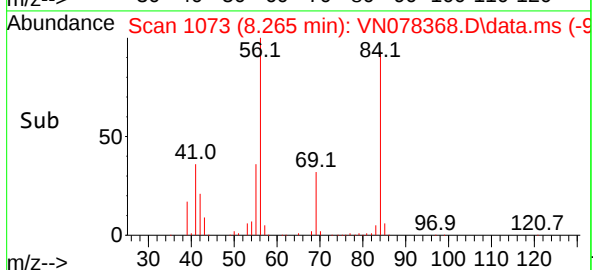
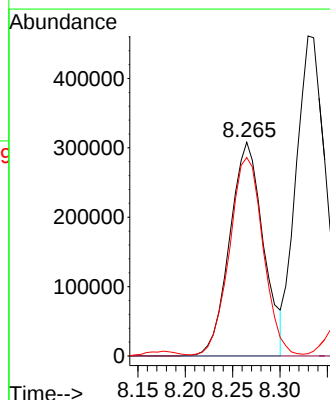
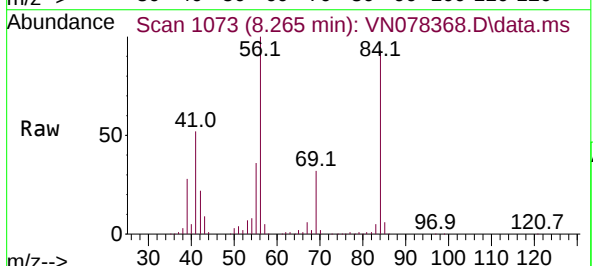
Tgt Ion: 56 Resp: 760339

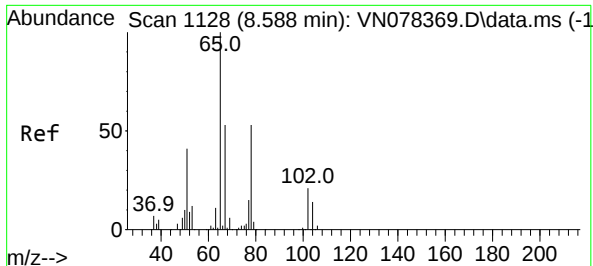
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 93.6 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: VN078368.D

Acq: 23 Jun 2023 10:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 20356

Ion Ratio Lower Upper

65 100

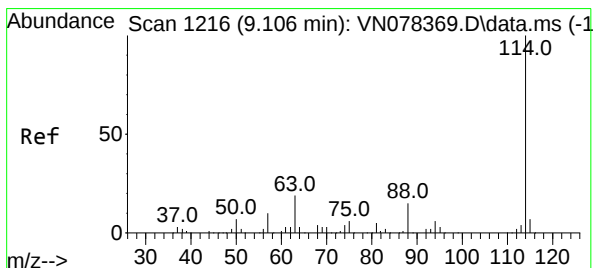
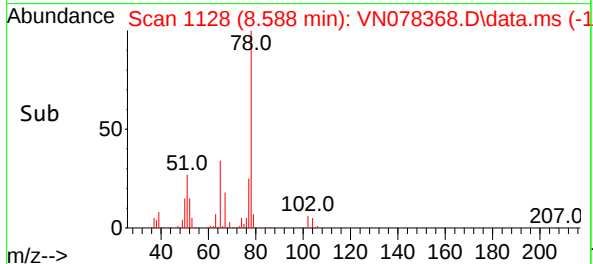
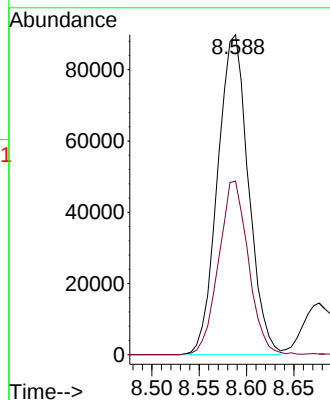
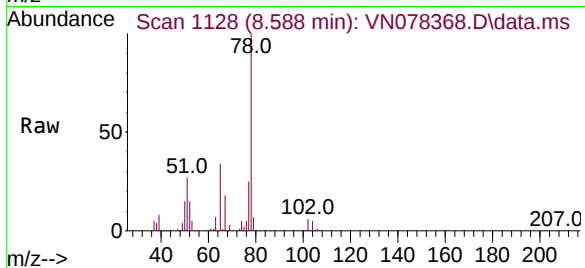
67 52.4 42.9 64.3

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: VN078368.D

Acq: 23 Jun 2023 10:46

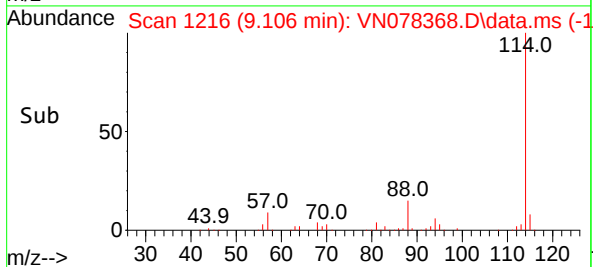
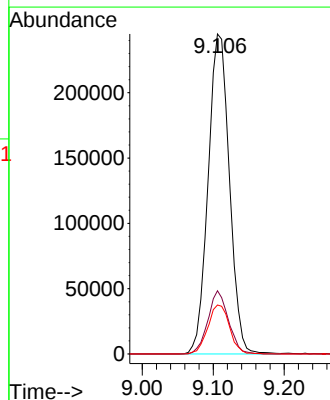
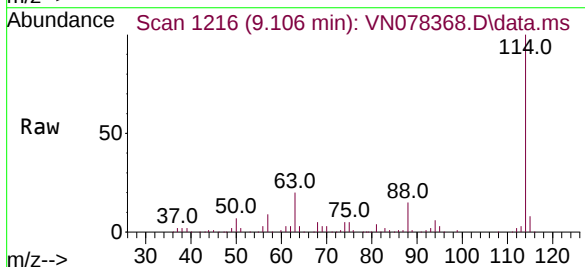
Tgt Ion:114 Resp: 510366

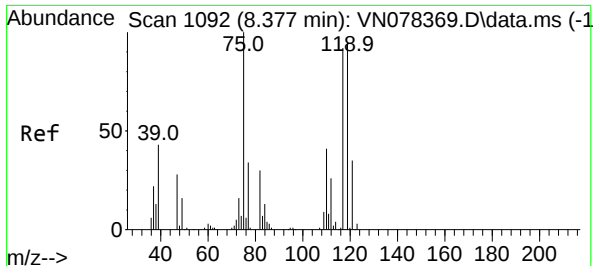
Ion Ratio Lower Upper

114 100

63 19.0 15.2 22.8

88 15.5 12.5 18.7





#29

1,1-Dichloropropene

Concen: 99.943 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN078368.D

Acq: 23 Jun 2023 10:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 75 Resp: 79070

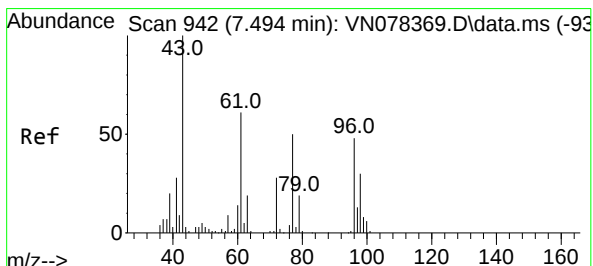
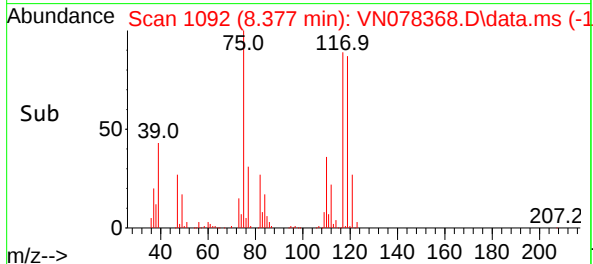
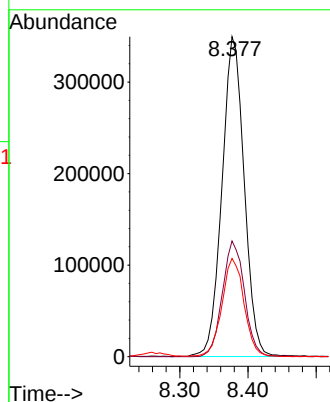
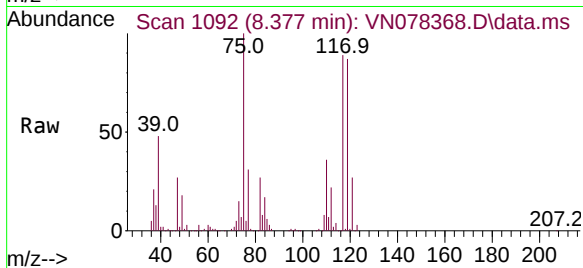
Ion	Ratio	Lower	Upper
75	100		
110	35.8	0.0	72.2
77	30.8	0.0	62.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#30

2-Butanone

Concen: 495.019 ug/l

RT: 7.488 min Scan# 941

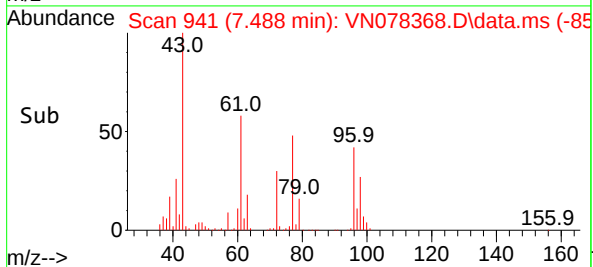
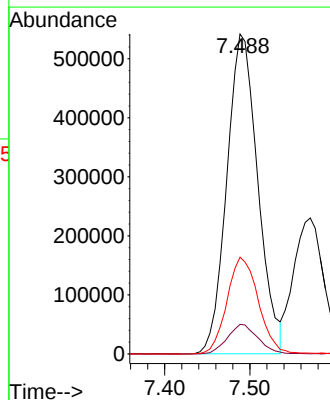
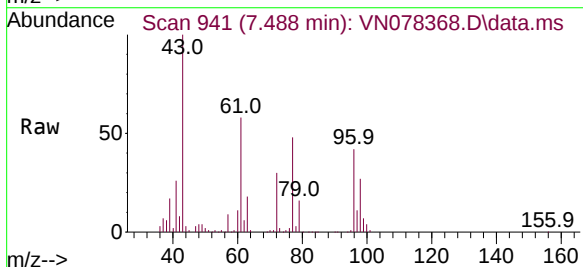
Delta R.T. -0.006 min

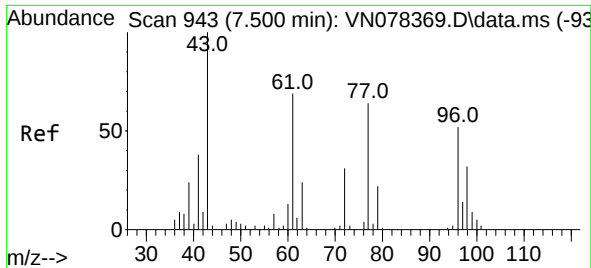
Lab File: VN078368.D

Acq: 23 Jun 2023 10:46

Tgt Ion: 43 Resp: 1372742

Ion	Ratio	Lower	Upper
43	100		
57	9.2	6.8	10.2
72	30.8	23.8	35.6





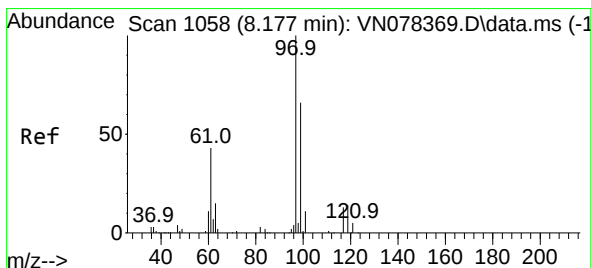
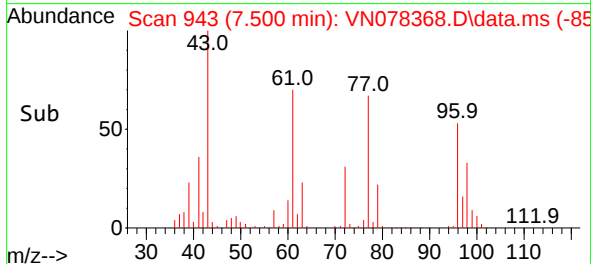
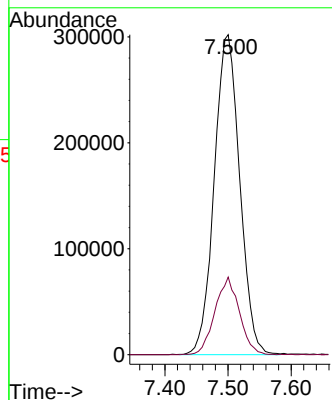
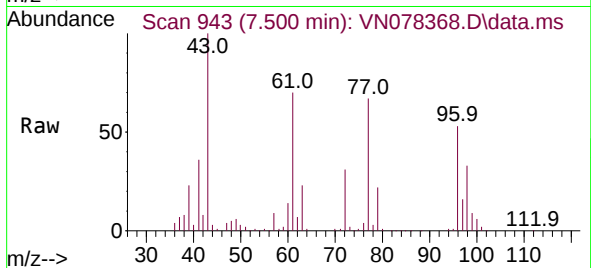
#31
2,2-Dichloropropane
Concen: 100.189 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 77 Resp: 847509
Ion Ratio Lower Upper
77 100
97 23.2 18.8 28.2

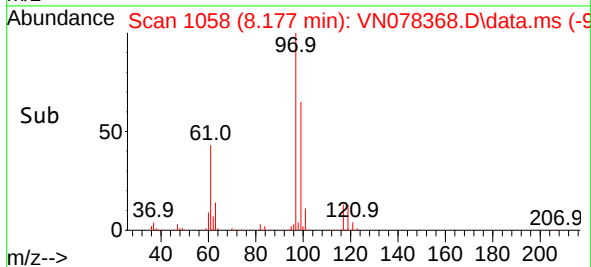
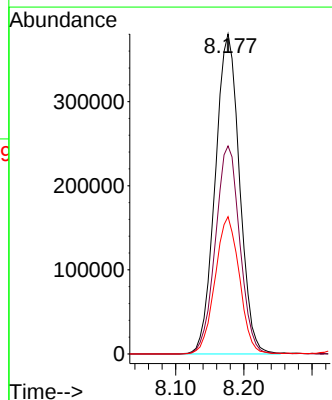
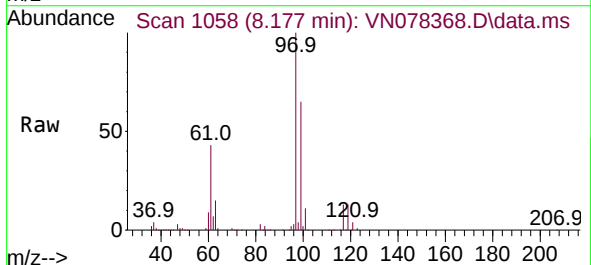
Manual Integrations
APPROVED

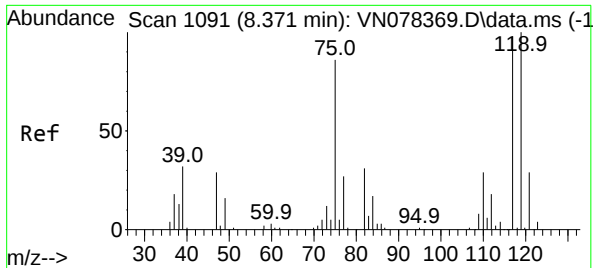
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#32
1,1,1-Trichloroethane
Concen: 98.121 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

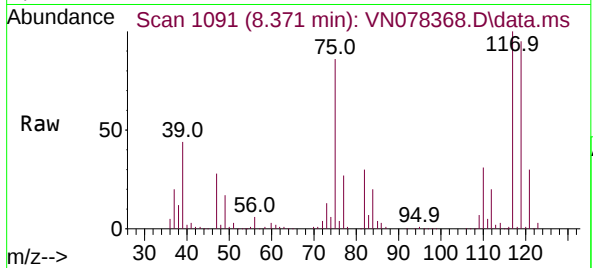
Tgt Ion: 97 Resp: 945907
Ion Ratio Lower Upper
97 100
99 65.2 51.3 76.9
61 42.8 34.6 52.0





#33
Carbon Tetrachloride
Concen: 101.400 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

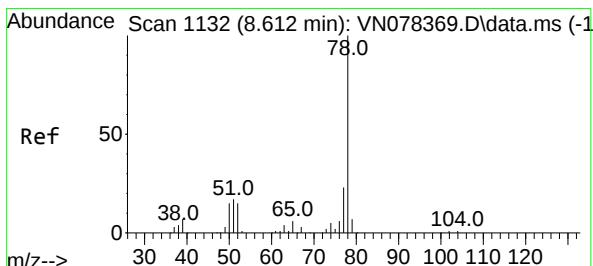
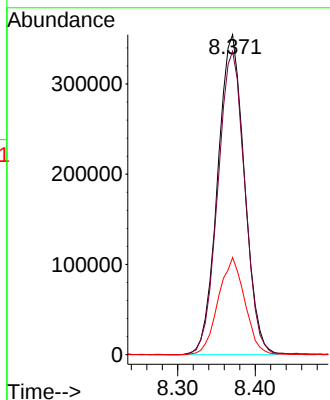
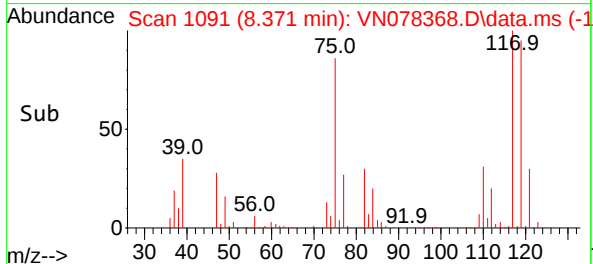
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



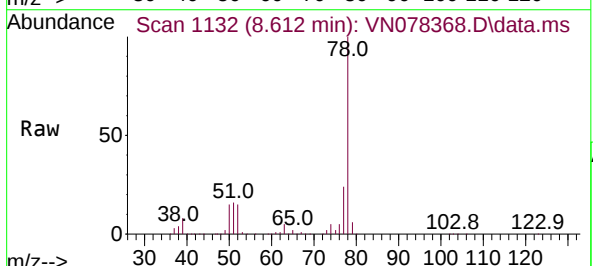
Tgt Ion: 117 Resp: 852290
Ion Ratio Lower Upper
117 100
119 94.8 81.4 122.0
121 30.3 23.6 35.4

Manual Integrations
APPROVED

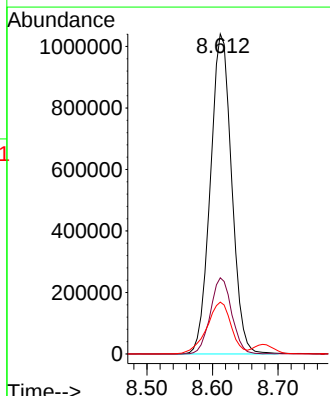
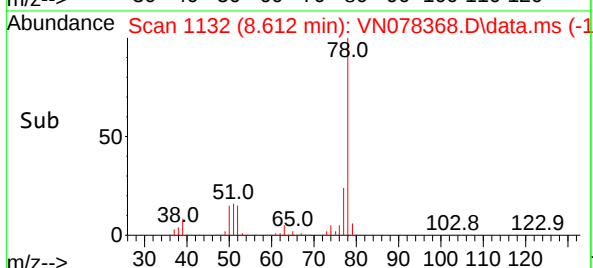
Reviewed By : John Carlone 06/24/2023
Supervised By : Mahesh Dadoda 06/26/2023

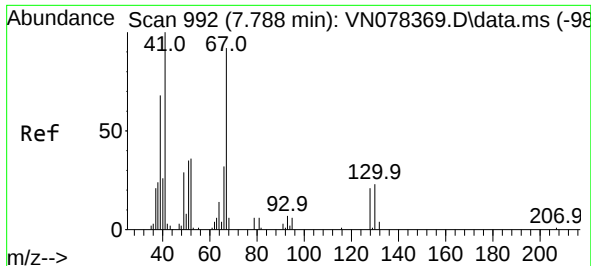


#34
Benzene
Concen: 99.263 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46



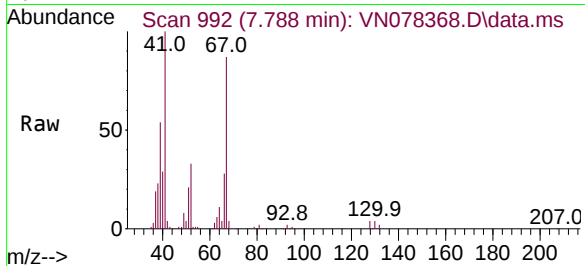
Tgt Ion: 78 Resp: 2341855
Ion Ratio Lower Upper
78 100
77 23.8 18.3 27.5
51 16.0 13.7 20.5





#35
Methacrylonitrile
Concen: 100.083 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

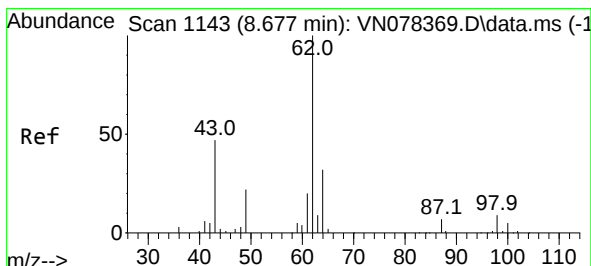
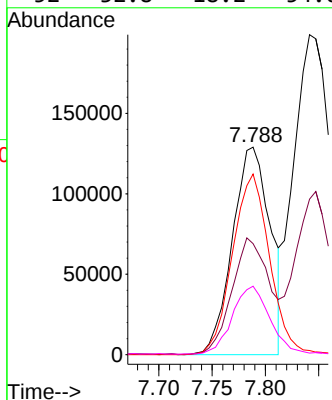
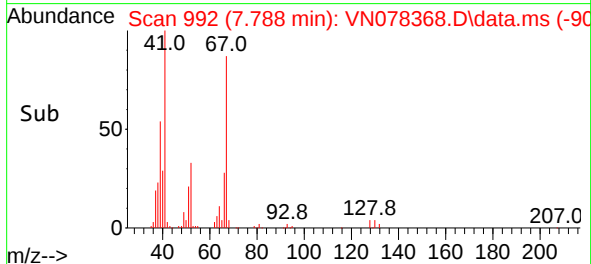
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 318498
Ion Ratio Lower Upper
41 100
39 53.4 33.9 101.6
67 87.0 45.9 137.6
52 32.8 18.2 54.6

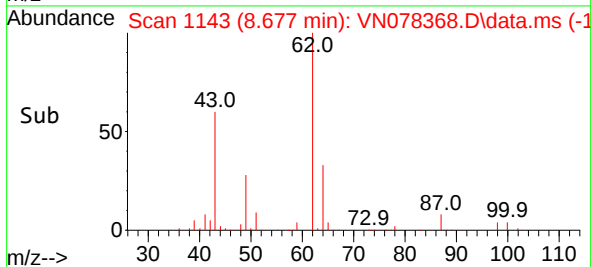
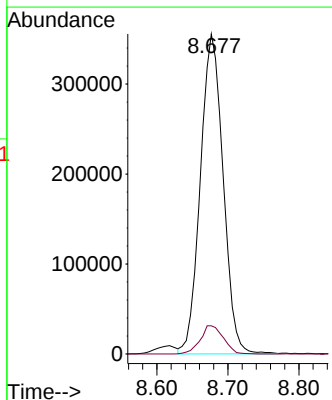
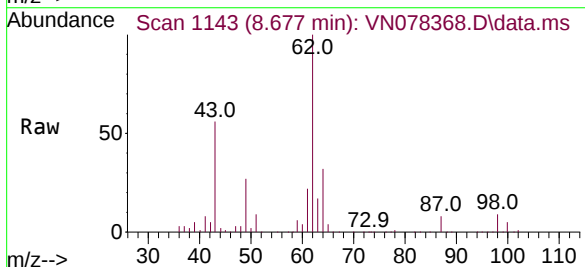
Manual Integrations
APPROVED

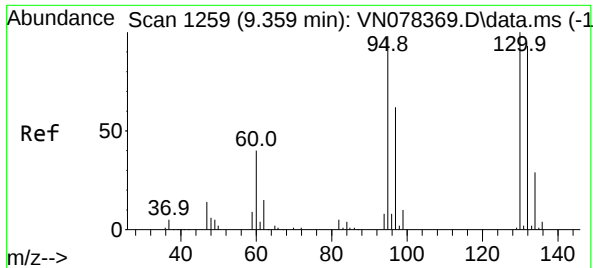
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#36
1,2-Dichloroethane
Concen: 98.658 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

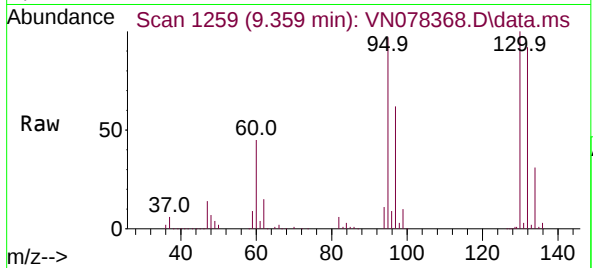
Tgt Ion: 62 Resp: 793571
Ion Ratio Lower Upper
62 100
98 9.0 7.4 11.0





#37
Trichloroethene
Concen: 100.053 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

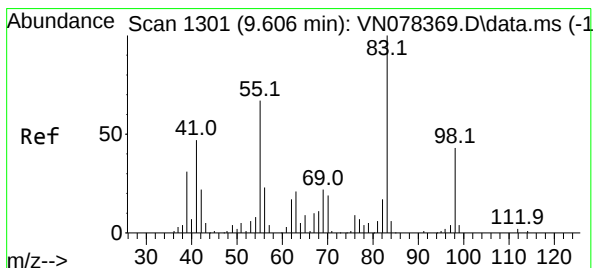
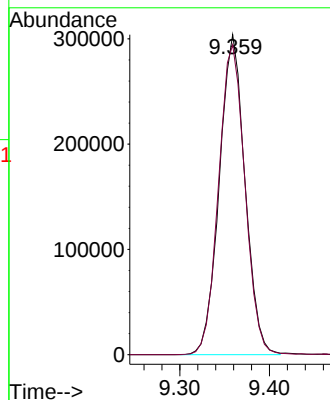
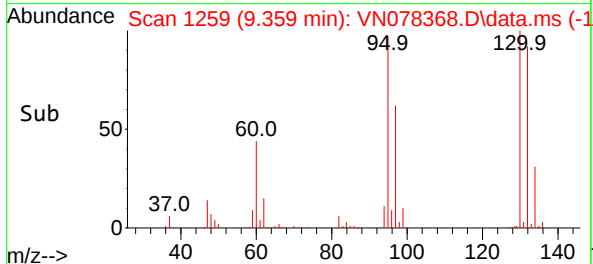
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



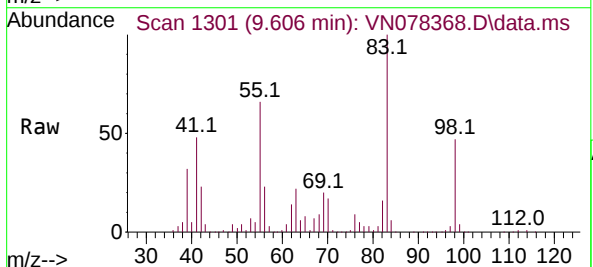
Tgt Ion:130 Resp: 60309
Ion Ratio Lower Upper
130 100
95 96.8 78.2 117.4

Manual Integrations
APPROVED

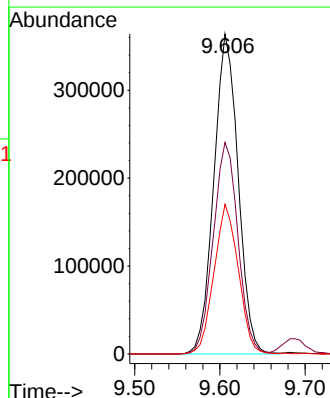
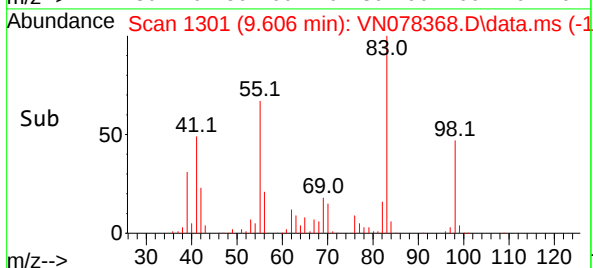
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

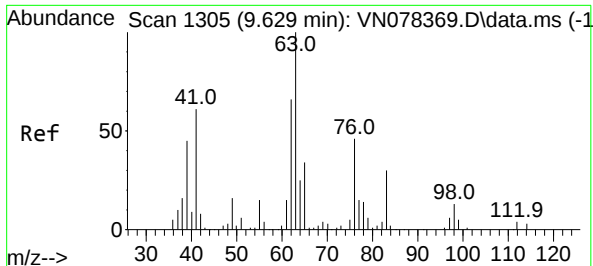


#38
Methylcyclohexane
Concen: 103.798 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46



Tgt Ion: 83 Resp: 721488
Ion Ratio Lower Upper
83 100
55 67.4 34.0 102.0
98 46.8 23.0 69.0





#39

1,2-Dichloropropane

Concen: 99.526 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VN078368.D

Acq: 23 Jun 2023 10:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 63 Resp: 588184

Ion Ratio Lower Upper

63 100

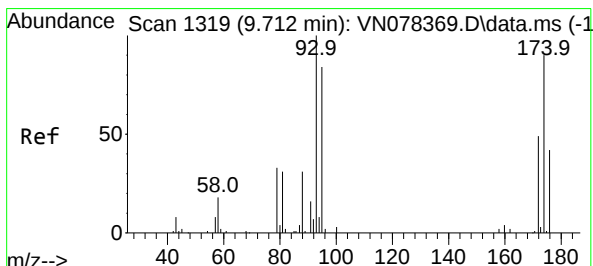
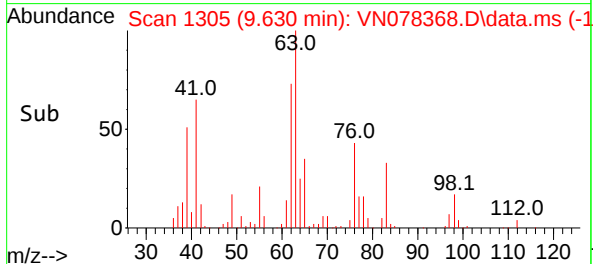
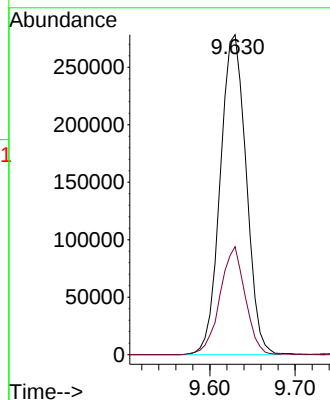
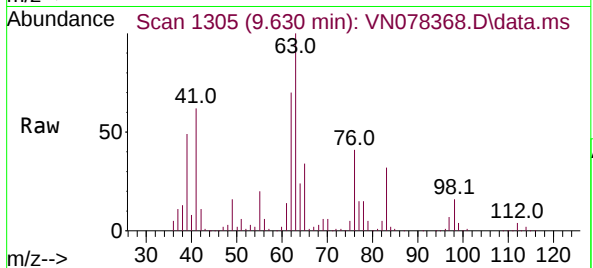
65 33.7 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#40

Dibromomethane

Concen: 97.544 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN078368.D

Acq: 23 Jun 2023 10:46

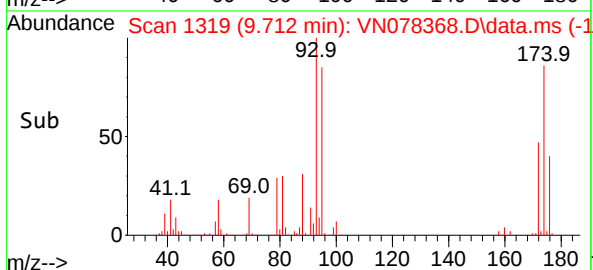
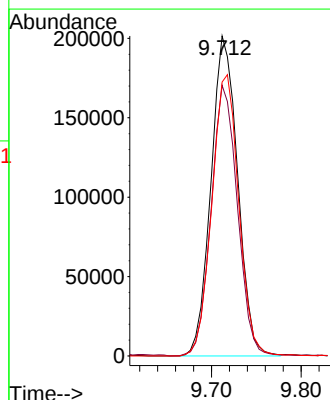
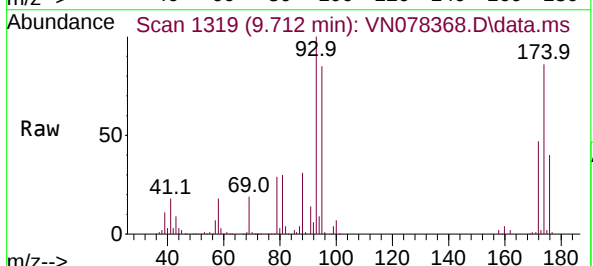
Tgt Ion: 93 Resp: 415983

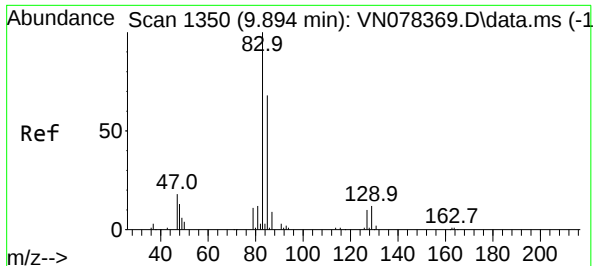
Ion Ratio Lower Upper

93 100

95 83.4 0.0 167.8

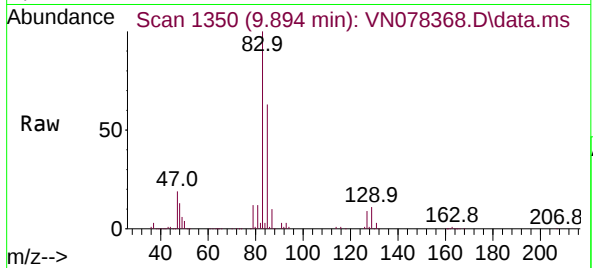
174 88.6 0.0 180.8





#41
Bromodichloromethane
Concen: 101.930 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

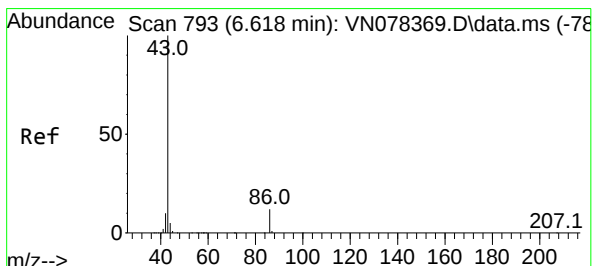
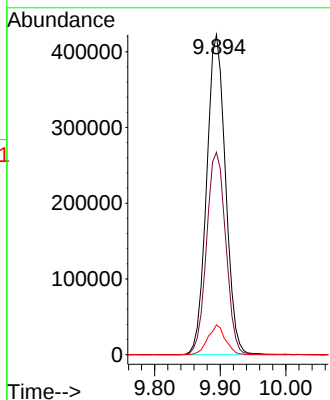
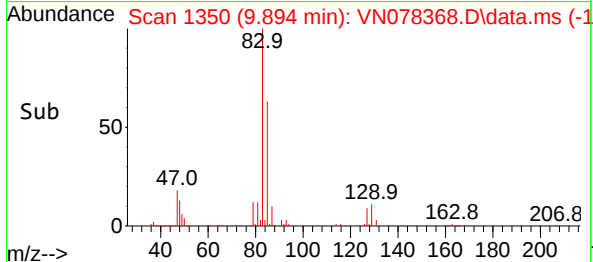
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 844474
Ion Ratio Lower Upper
83 100
85 63.2 54.1 81.1
127 9.3 7.8 11.6

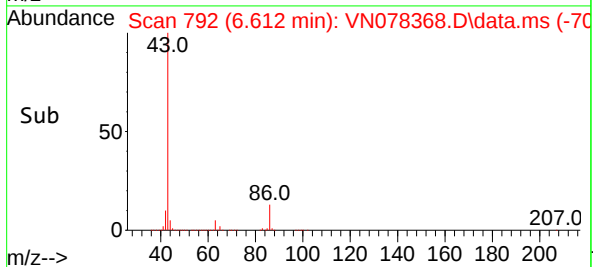
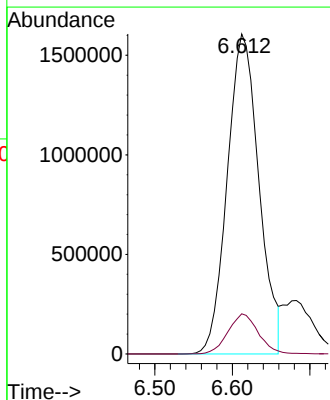
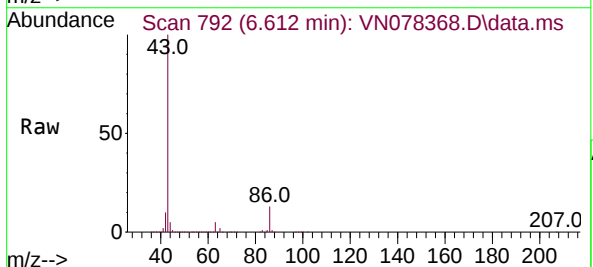
Manual Integrations
APPROVED

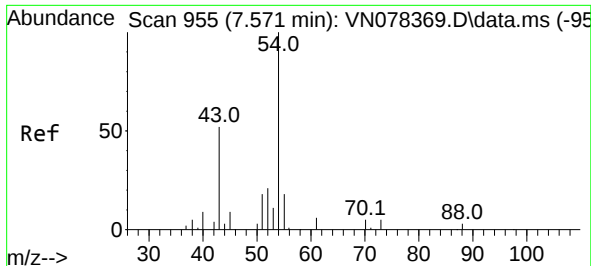
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#42
Vinyl Acetate
Concen: 518.127 ug/l
RT: 6.612 min Scan# 792
Delta R.T. -0.006 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

Tgt Ion: 43 Resp: 4577099
Ion Ratio Lower Upper
43 100
86 12.1 9.4 14.0





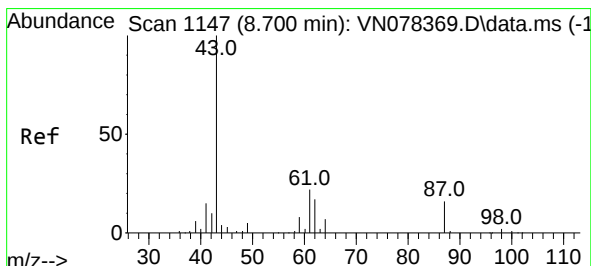
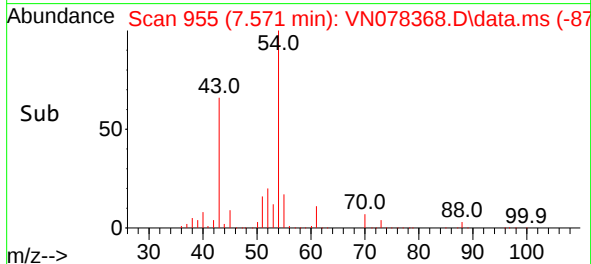
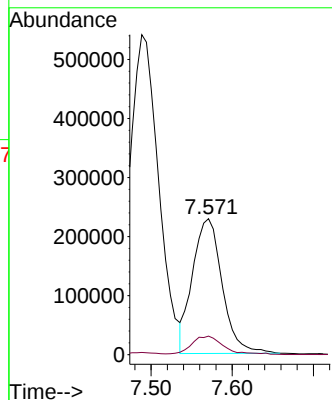
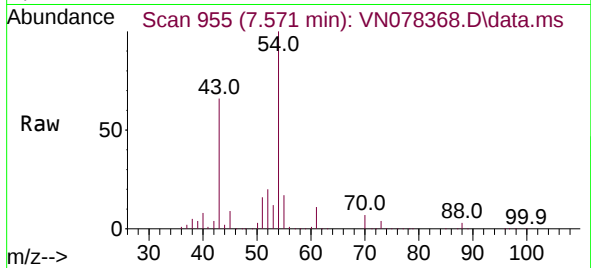
#43
Ethyl Acetate
Concen: 101.781 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 57893
Ion Ratio Lower Upper
43 100
45 14.8 10.9 16.3

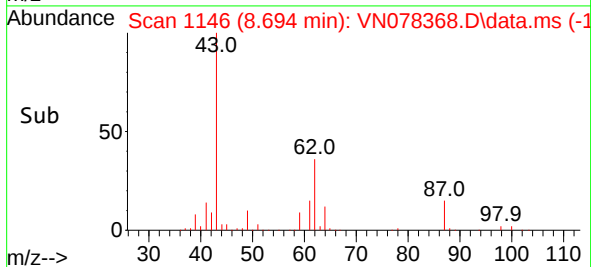
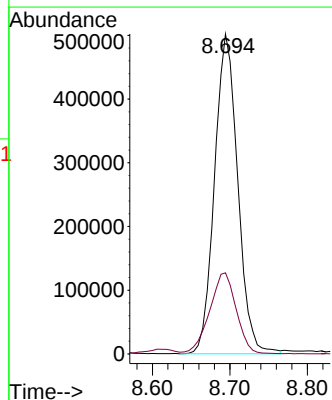
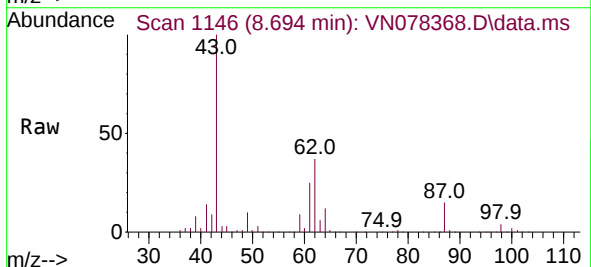
Manual Integrations
APPROVED

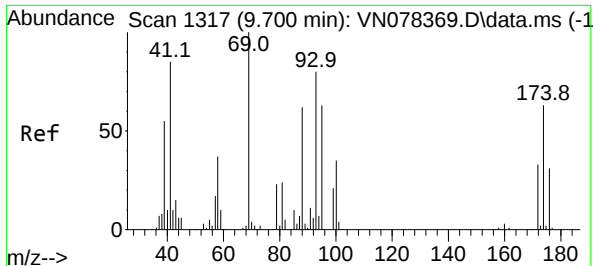
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#44
Isopropyl Acetate
Concen: 98.881 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.006 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

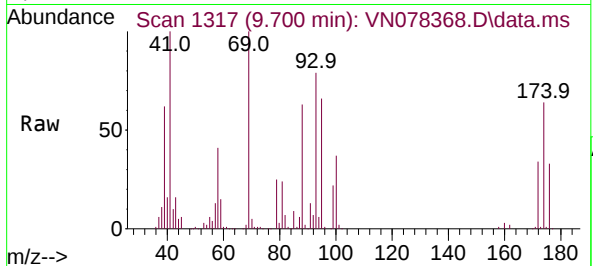
Tgt Ion: 43 Resp: 1042807
Ion Ratio Lower Upper
43 100
61 29.2 23.0 34.6





#45
1,4-Dioxane
Concen: 2059.257 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

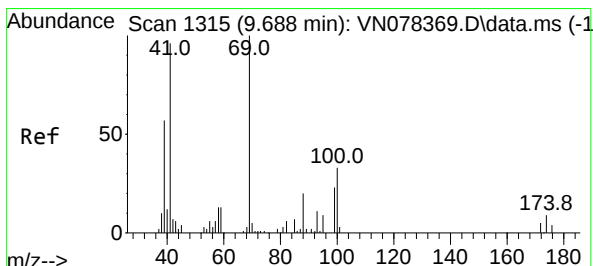
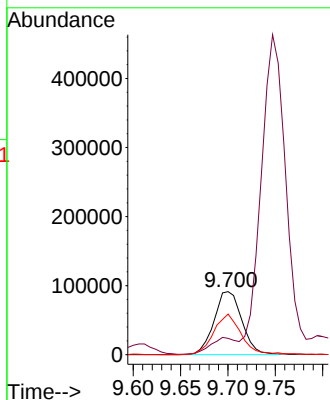
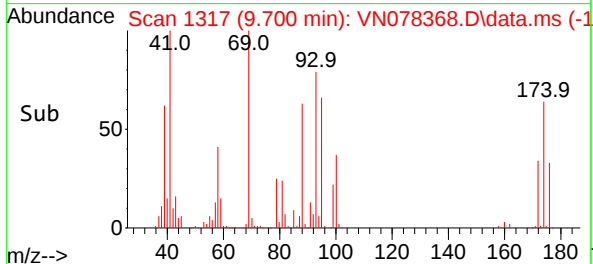
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



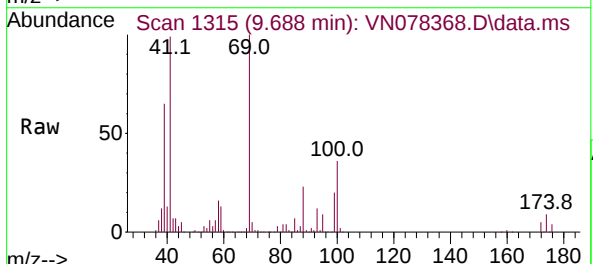
Tgt Ion: 88 Resp: 187070
Ion Ratio Lower Upper
88 100
43 25.4 19.0 28.6
58 63.3 48.2 72.2

Manual Integrations
APPROVED

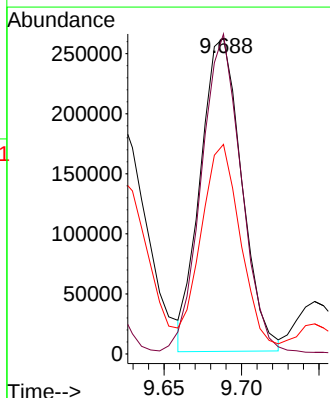
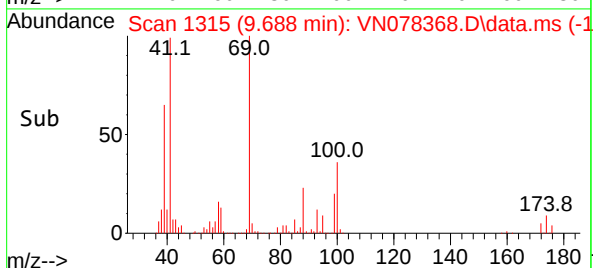
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

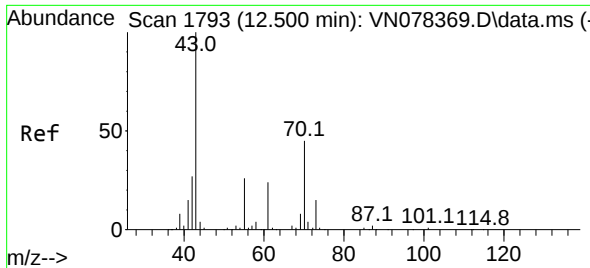


#46
Methyl methacrylate
Concen: 102.858 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46



Tgt Ion: 41 Resp: 482865
Ion Ratio Lower Upper
41 100
69 103.7 49.0 147.0
39 66.1 31.6 94.8





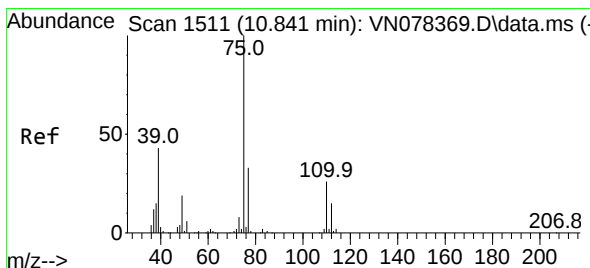
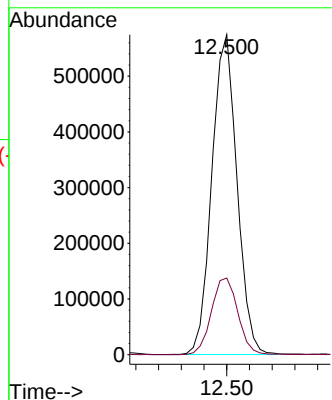
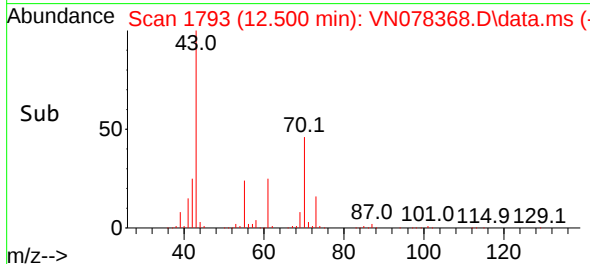
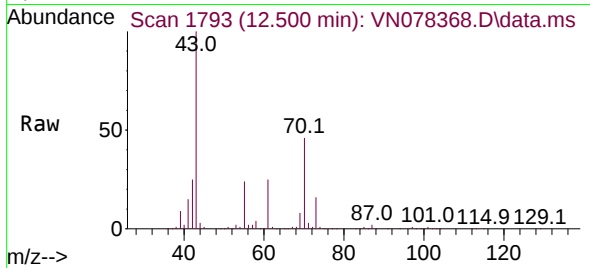
#47
n-amy1 Acetate
Concen: 113.720 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 881600
Ion Ratio Lower Upper
43 100
55 25.3 21.5 32.3

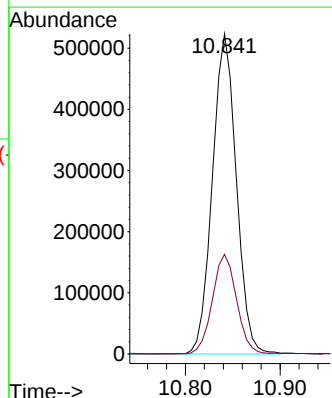
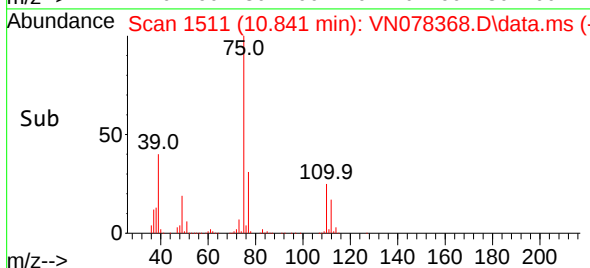
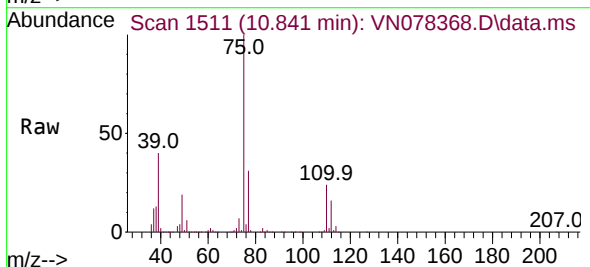
Manual Integrations
APPROVED

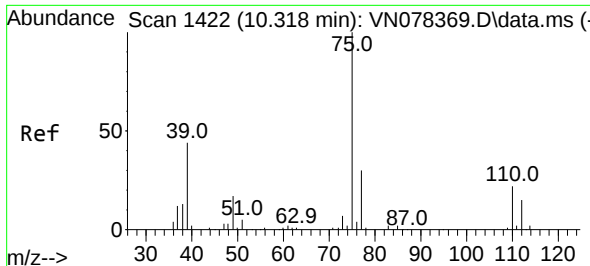
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#48
t-1,3-Dichloropropene
Concen: 107.815 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

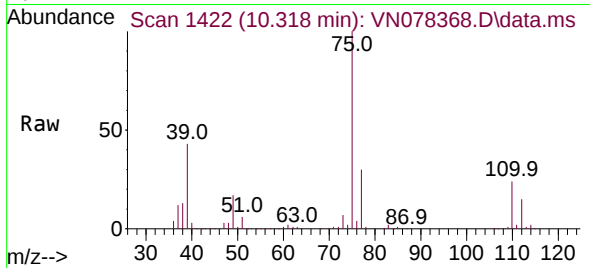
Tgt Ion: 75 Resp: 916900
Ion Ratio Lower Upper
75 100
77 31.1 26.1 39.1





#49
 cis-1,3-Dichloropropene
 Concen: 104.194 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN078368.D
 Acq: 23 Jun 2023 10:46

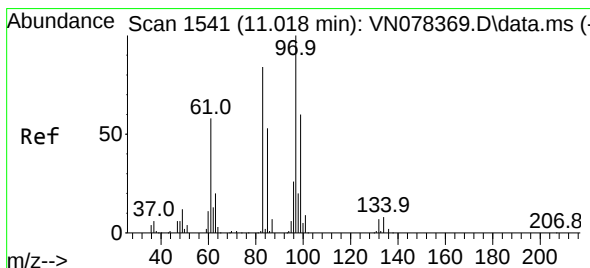
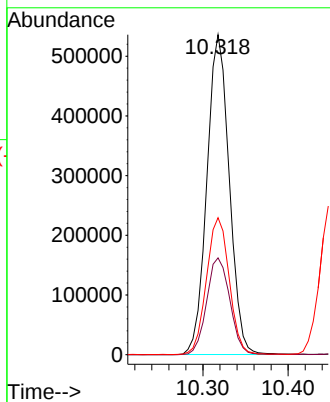
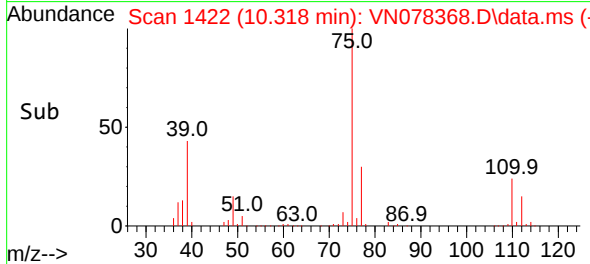
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 75 Resp: 976720
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.0 36.0
 39 42.7 35.1 52.7

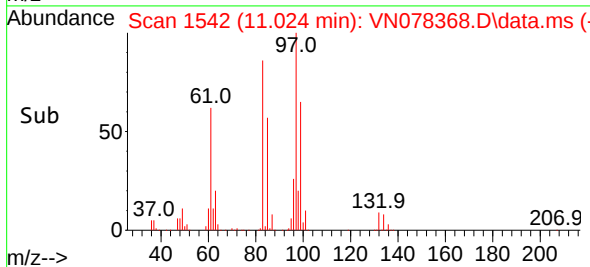
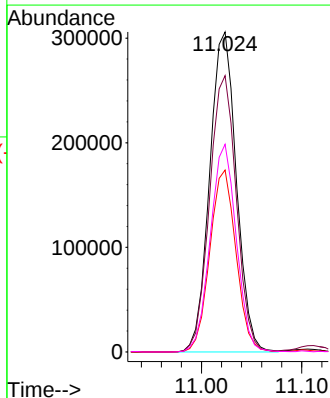
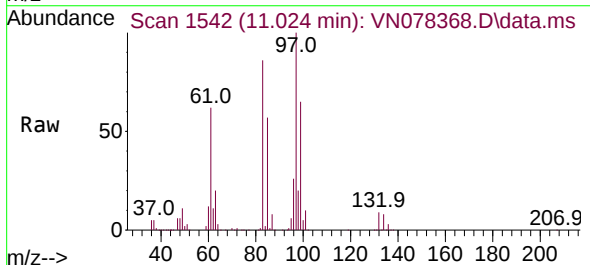
Manual Integrations
 APPROVED

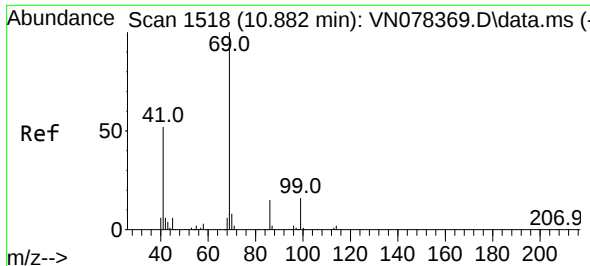
Reviewed By :John Carlone 06/24/2023
 Supervised By :Mahesh Dadoda 06/26/2023



#50
 1,1,2-Trichloroethane
 Concen: 99.199 ug/l
 RT: 11.024 min Scan# 1542
 Delta R.T. 0.006 min
 Lab File: VN078368.D
 Acq: 23 Jun 2023 10:46

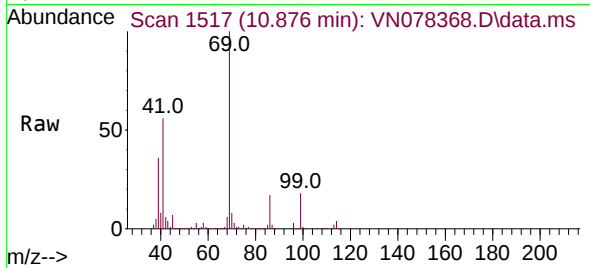
Tgt Ion: 97 Resp: 567127
 Ion Ratio Lower Upper
 97 100
 83 86.2 66.8 100.2
 85 56.8 42.5 63.7
 99 64.9 48.3 72.5





#51
Ethyl methacrylate
Concen: 108.553 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

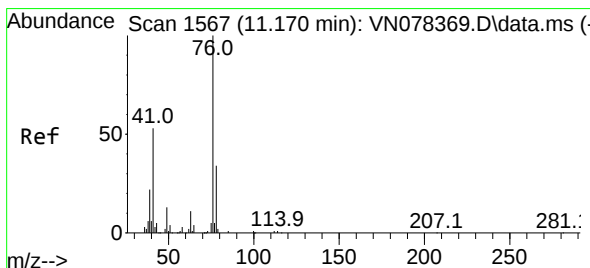
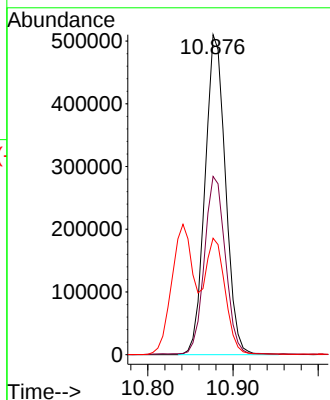
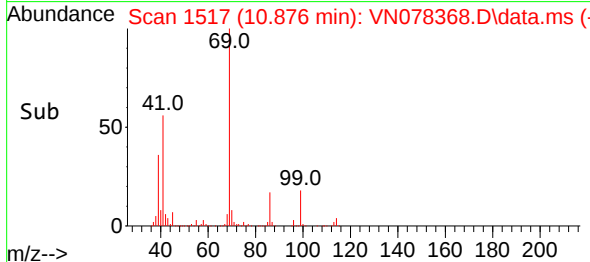
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 69 Resp: 848990
Ion Ratio Lower Upper
69 100
41 55.5 26.0 78.0
39 36.2 16.3 48.9

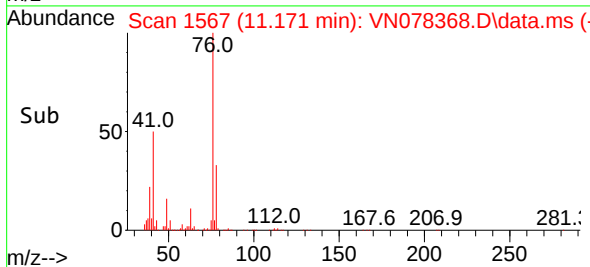
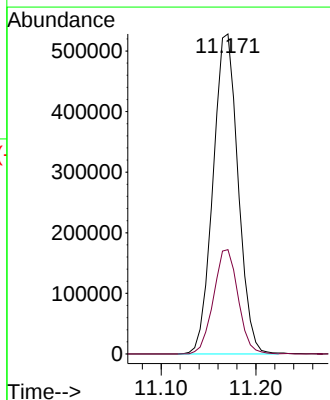
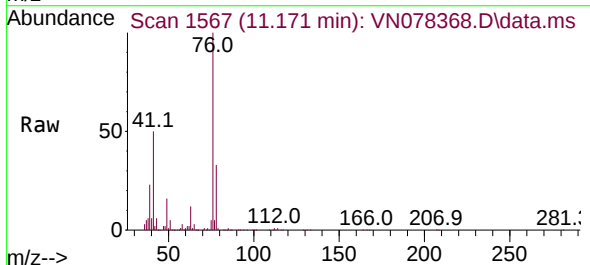
Manual Integrations
APPROVED

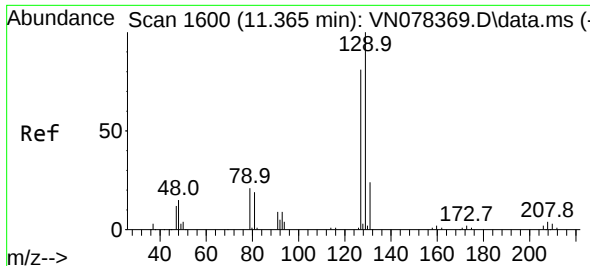
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#52
1,3-Dichloropropane
Concen: 101.254 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

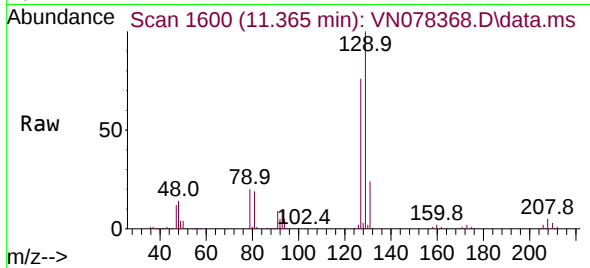
Tgt Ion: 76 Resp: 971545
Ion Ratio Lower Upper
76 100
78 32.0 0.0 66.2





#53
Dibromochloromethane
Concen: 105.491 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

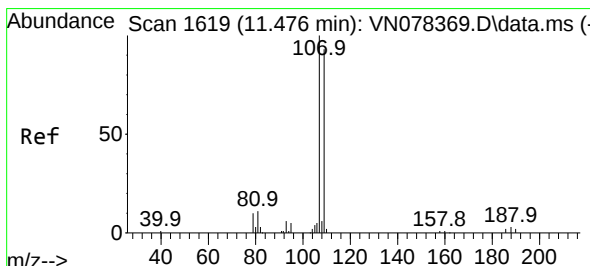
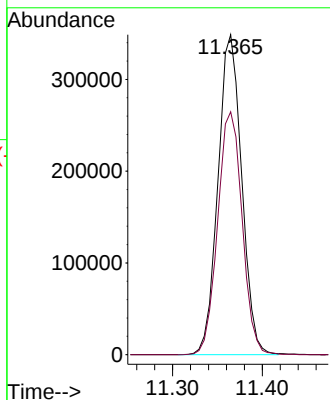
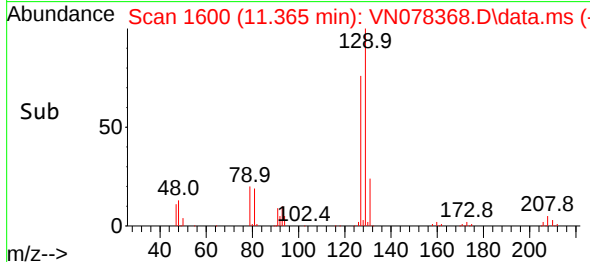
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



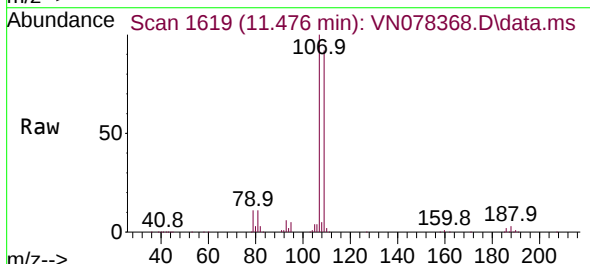
Tgt Ion:129 Resp: 639679
Ion Ratio Lower Upper
129 100
127 78.2 39.4 118.1

Manual Integrations
APPROVED

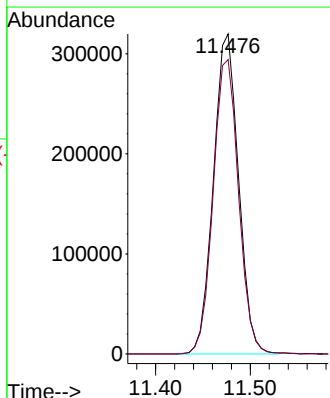
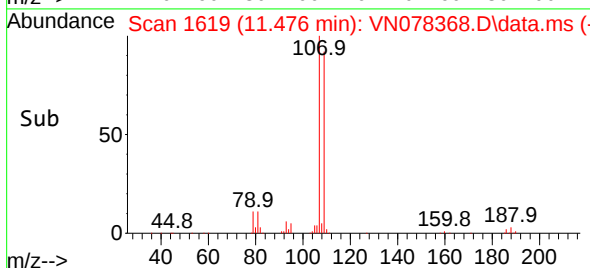
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

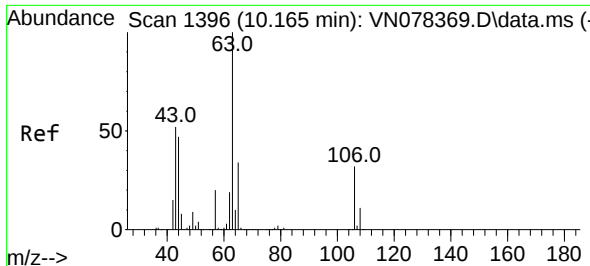


#54
1,2-Dibromoethane
Concen: 102.089 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46



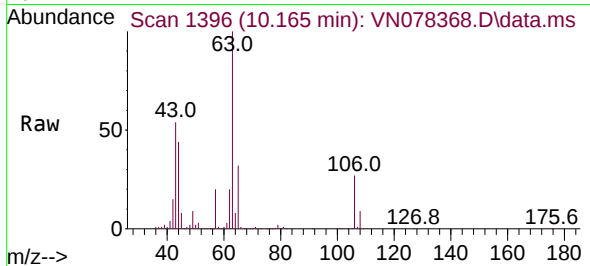
Tgt Ion:107 Resp: 588258
Ion Ratio Lower Upper
107 100
109 93.4 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 584.171 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

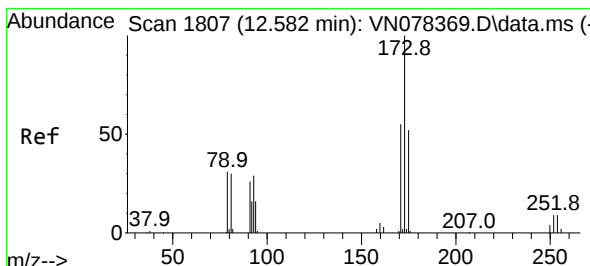
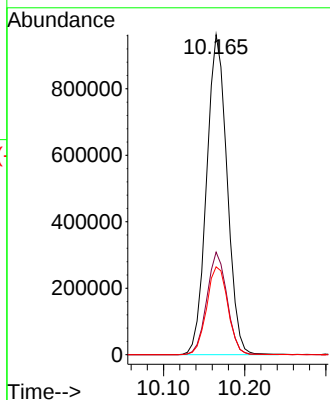
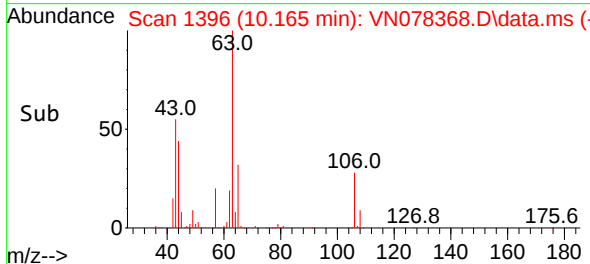
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 63 Resp: 1685544
Ion Ratio Lower Upper
63 100
65 31.5 26.3 39.5
106 28.5 23.8 35.6

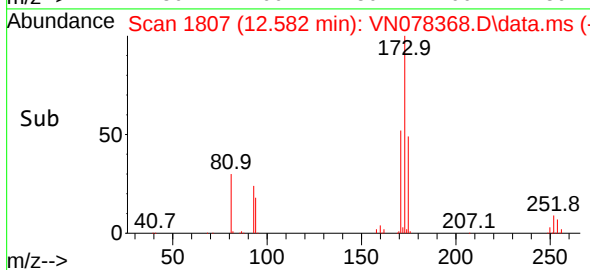
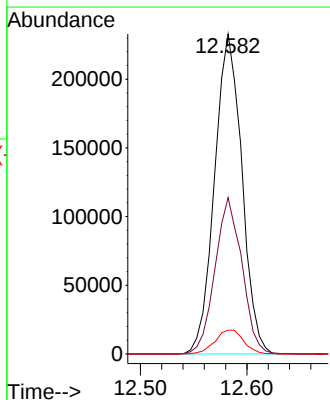
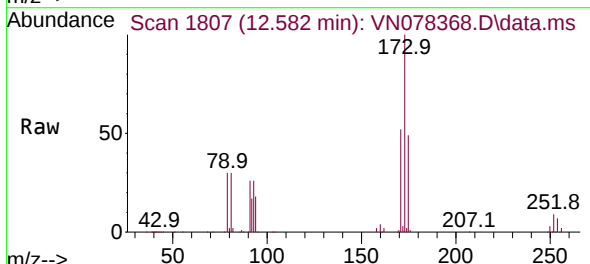
Manual Integrations
APPROVED

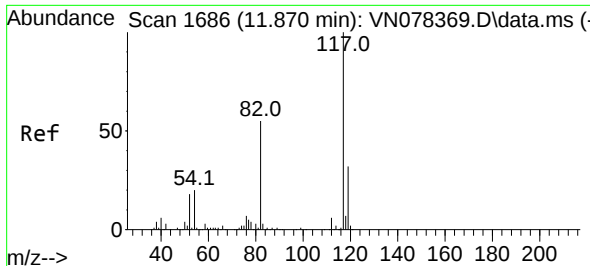
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#56
Bromoform
Concen: 111.570 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

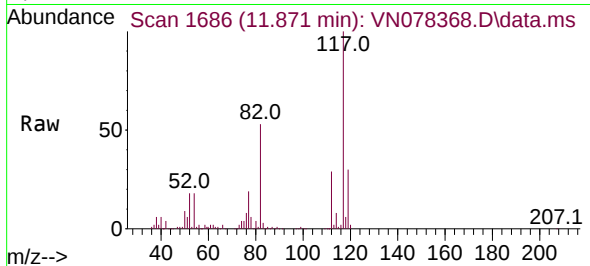
Tgt Ion:173 Resp: 414128
Ion Ratio Lower Upper
173 100
175 48.1 40.7 61.1
254 7.9 6.5 9.7





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

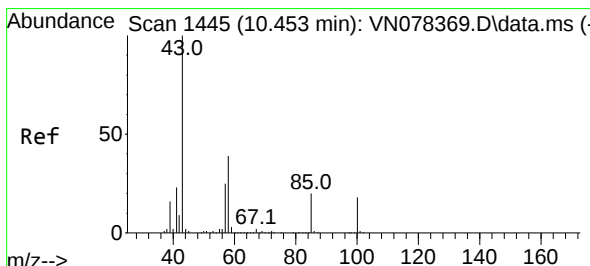
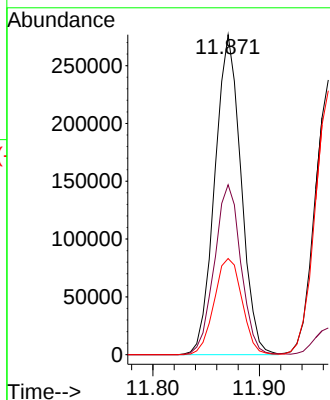
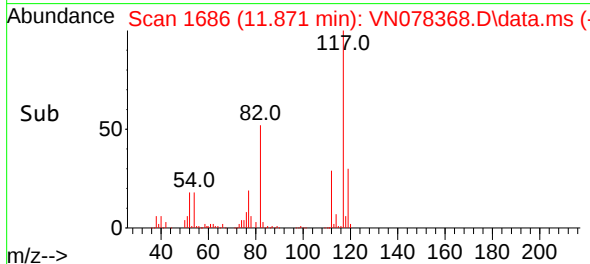
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:117 Resp: 47286
Ion Ratio Lower Upper
117 100
82 53.8 43.9 65.9
119 31.9 26.2 39.4

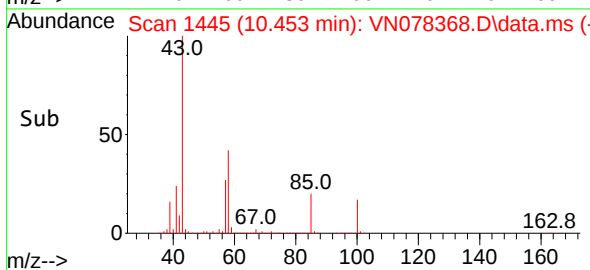
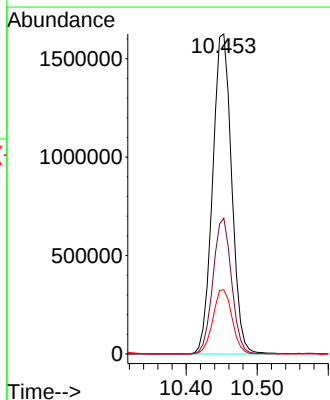
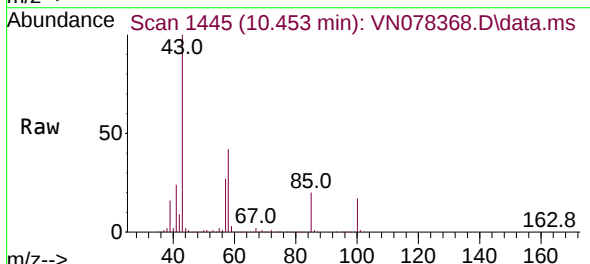
Manual Integrations
APPROVED

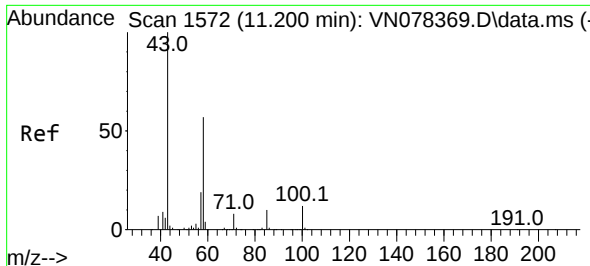
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#58
4-Methyl-2-Pentanone
Concen: 477.854 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

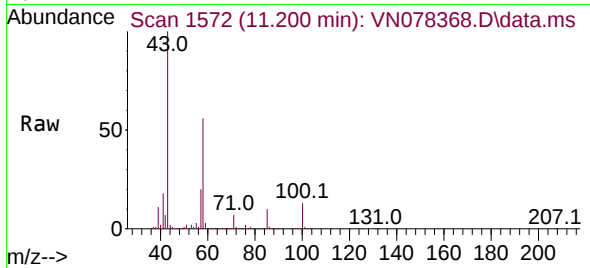
Tgt Ion: 43 Resp: 3017511
Ion Ratio Lower Upper
43 100
58 41.6 32.6 48.8
85 20.3 16.2 24.2





#59
2-Hexanone
Concen: 489.529 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

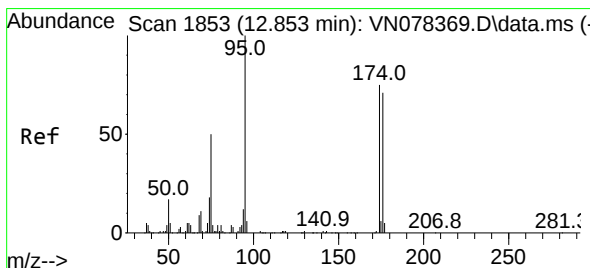
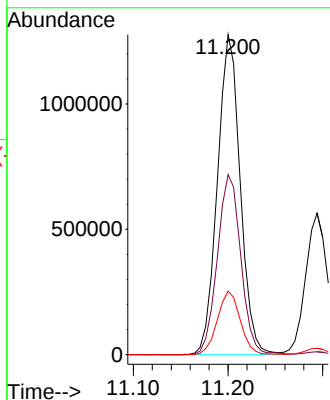
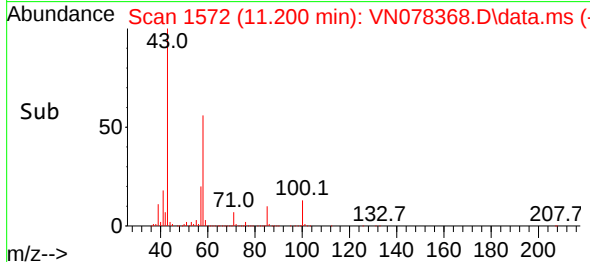
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 2134914
Ion Ratio Lower Upper
43 100
58 57.8 45.9 68.9
57 20.0 15.8 23.6

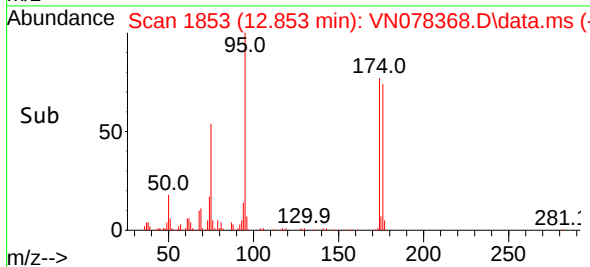
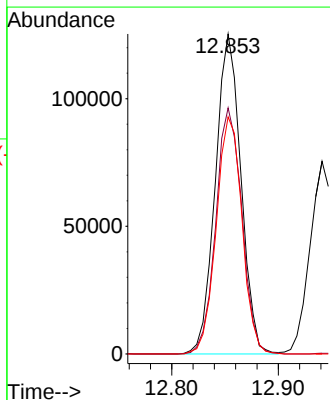
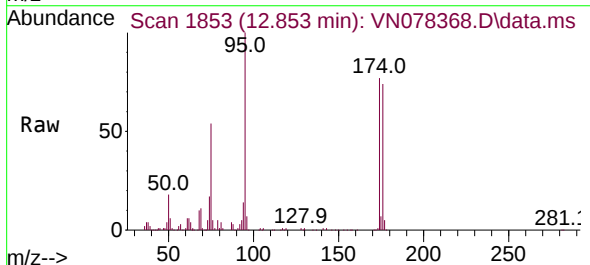
Manual Integrations
APPROVED

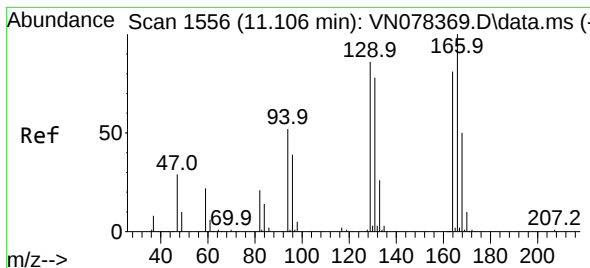
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#60
4-Bromofluorobenzene
Concen: 31.328 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

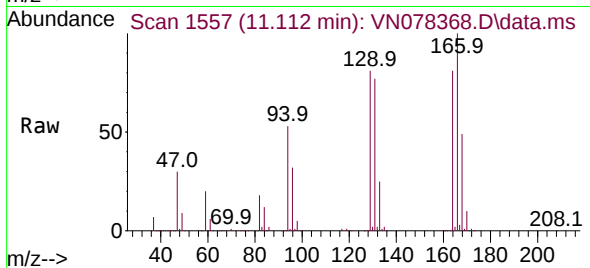
Tgt Ion: 95 Resp: 208710
Ion Ratio Lower Upper
95 100
174 78.3 61.7 92.5
176 74.7 58.1 87.1





#61
Tetrachloroethene
Concen: 93.440 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

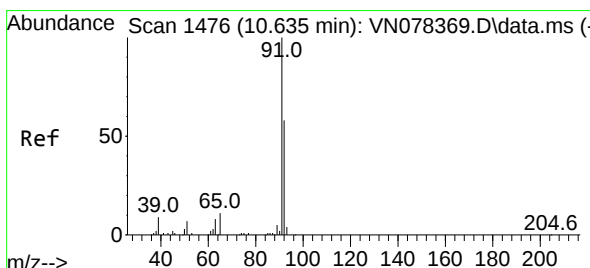
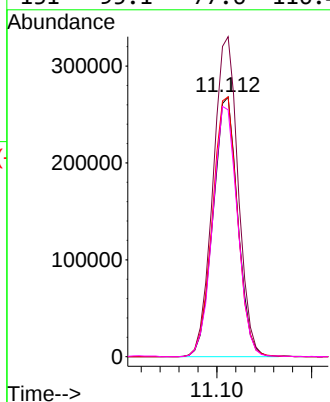
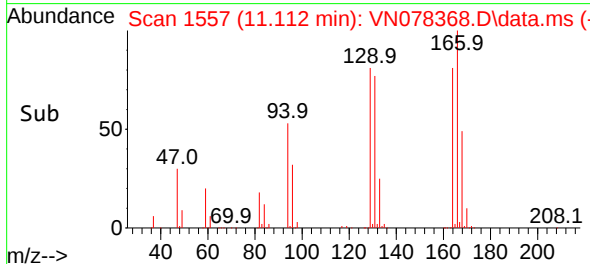
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:164 Resp: 48416
Ion Ratio Lower Upper
164 100
166 123.3 99.1 148.7
129 100.1 85.6 128.4
131 95.1 77.6 116.4

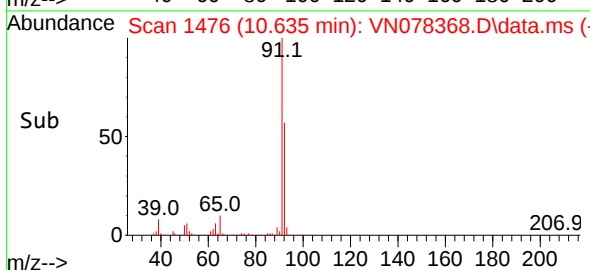
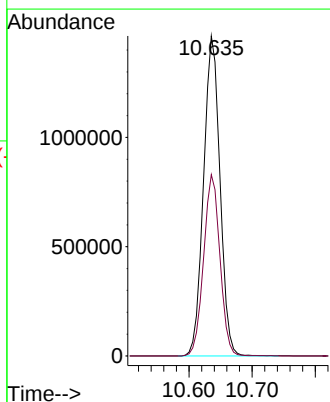
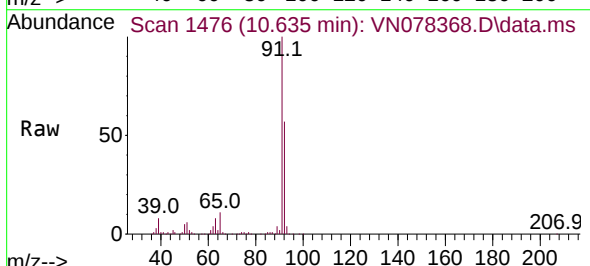
Manual Integrations
APPROVED

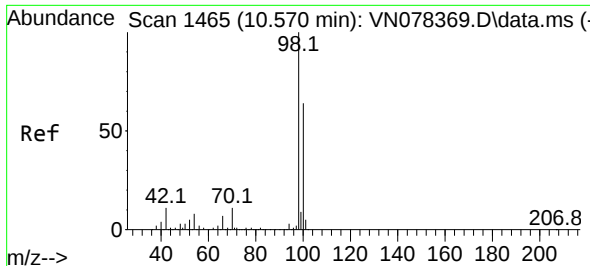
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#62
Toluene
Concen: 96.059 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

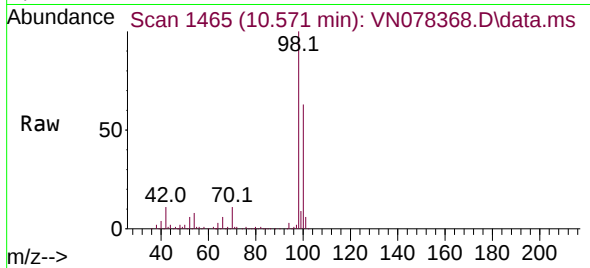
Tgt Ion: 91 Resp: 2643590
Ion Ratio Lower Upper
91 100
92 56.2 45.2 67.8





#63
Toluene-d8
Concen: 28.809 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

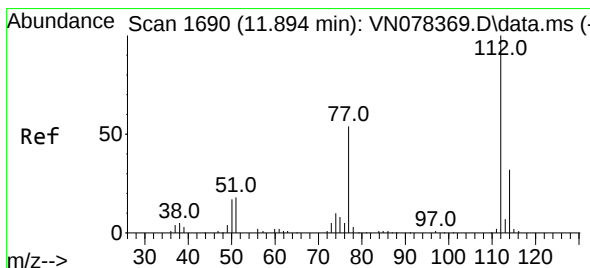
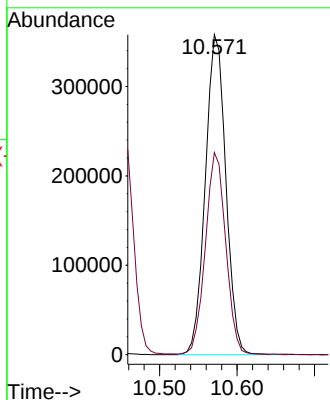
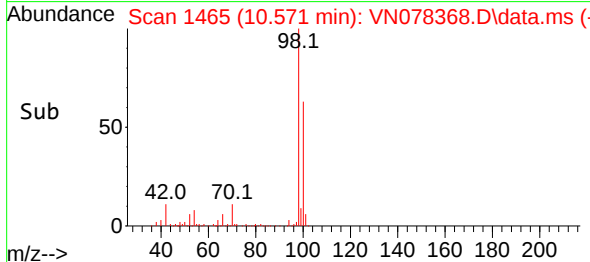
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 98 Resp: 660062
Ion Ratio Lower Upper
98 100
100 62.8 49.7 74.5

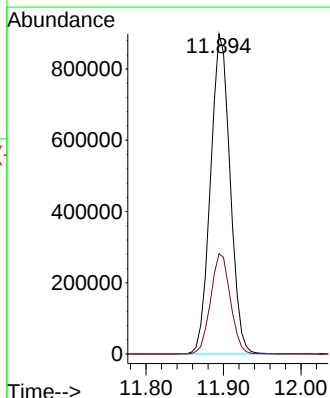
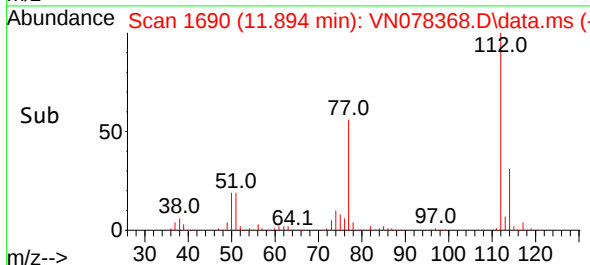
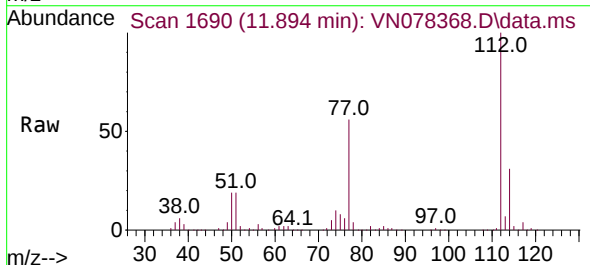
Manual Integrations
APPROVED

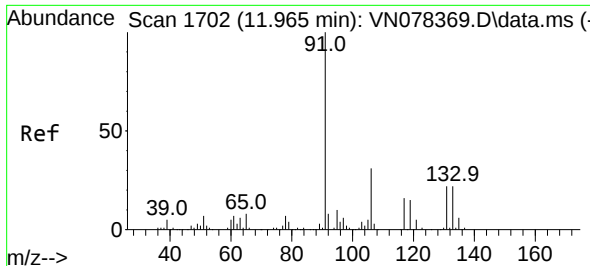
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#64
Chlorobenzene
Concen: 96.620 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

Tgt Ion:112 Resp: 1576028
Ion Ratio Lower Upper
112 100
114 31.3 25.9 38.9





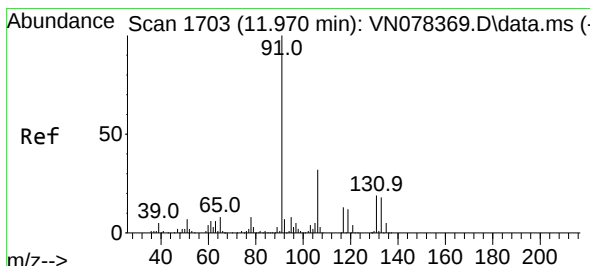
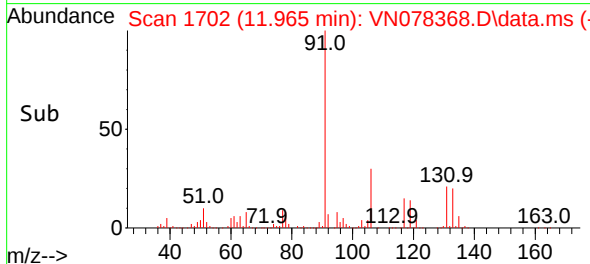
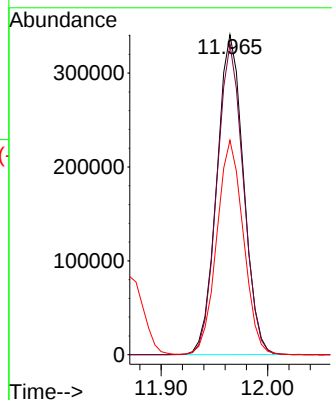
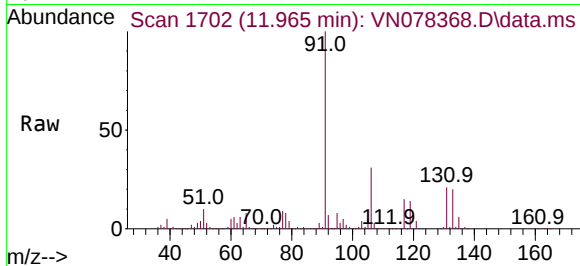
#65
1,1,1,2-Tetrachloroethane
Concen: 94.505 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:131 Resp: 59442
Ion Ratio Lower Upper
131 100
133 96.2 0.0 191.8
119 66.7 0.0 132.0

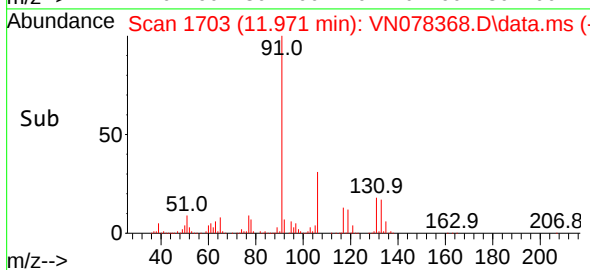
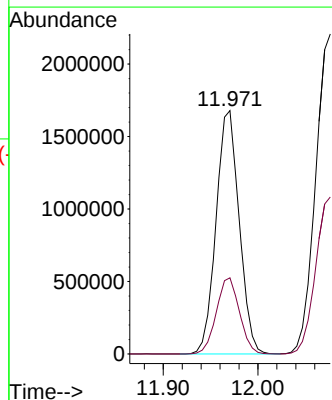
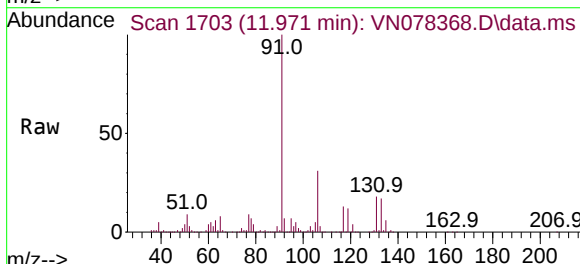
Manual Integrations
APPROVED

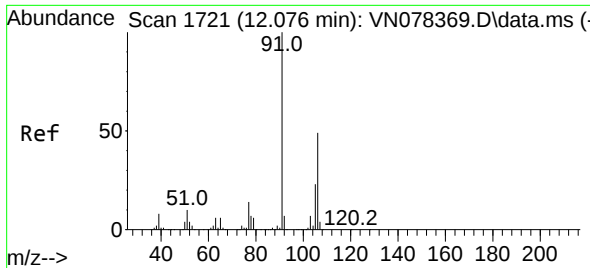
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#66
Ethyl Benzene
Concen: 101.837 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

Tgt Ion: 91 Resp: 2851775
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4





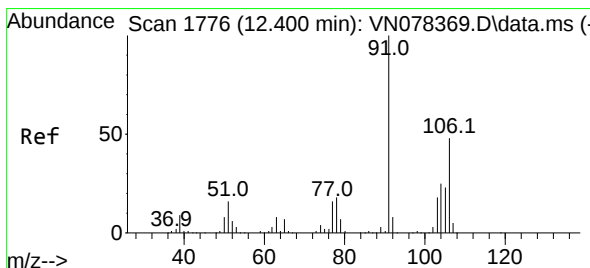
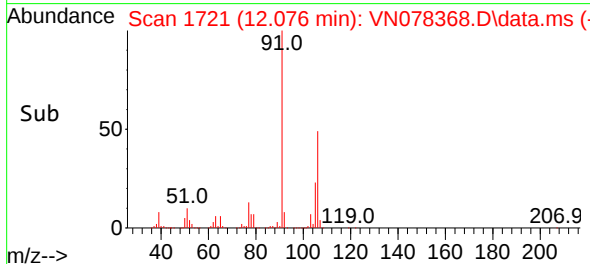
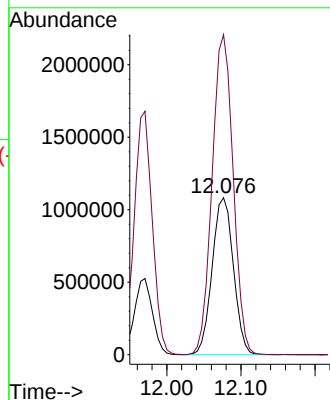
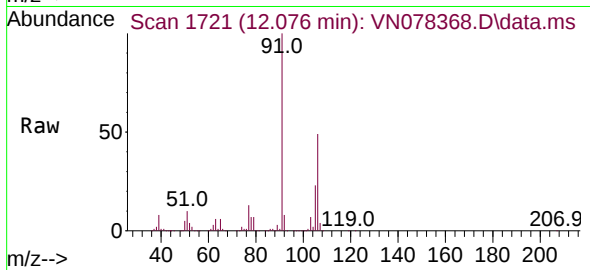
#67
m/p-Xylenes
Concen: 203.471 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 2154428
Ion Ratio Lower Upper
106 100
91 201.9 162.5 243.7

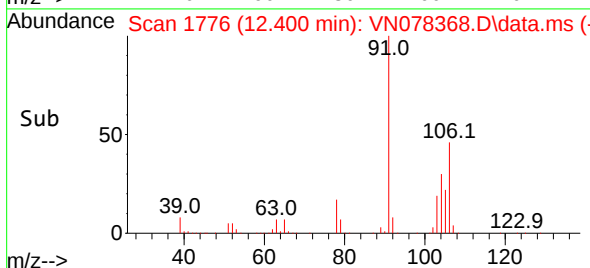
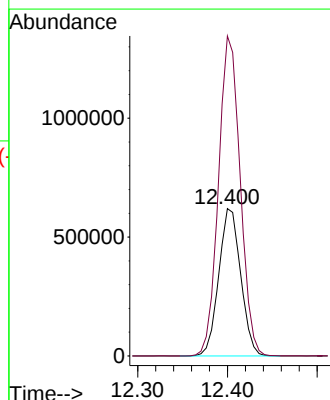
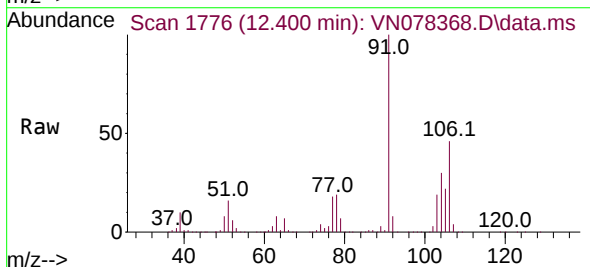
Manual Integrations
APPROVED

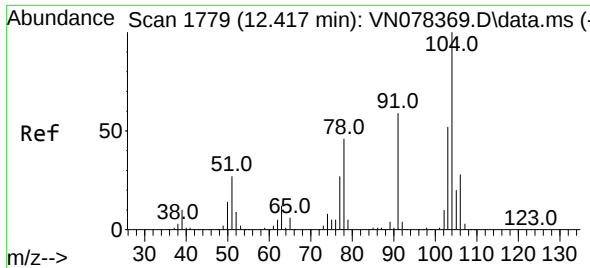
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#68
o-Xylene
Concen: 102.448 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

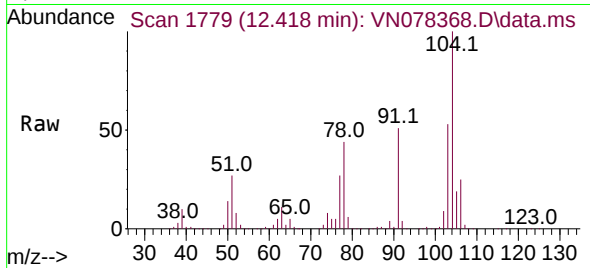
Tgt Ion:106 Resp: 1051887
Ion Ratio Lower Upper
106 100
91 214.9 106.1 318.3





#69
Styrene
Concen: 106.984 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

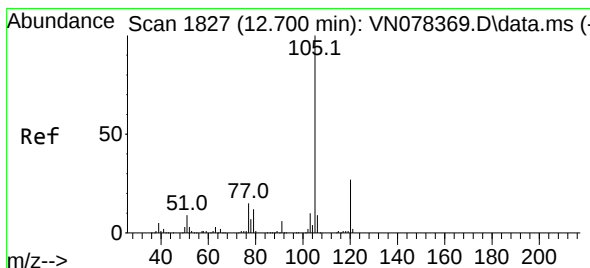
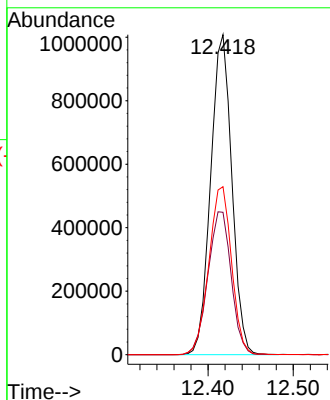
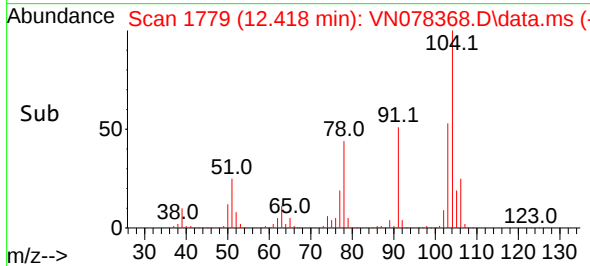
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



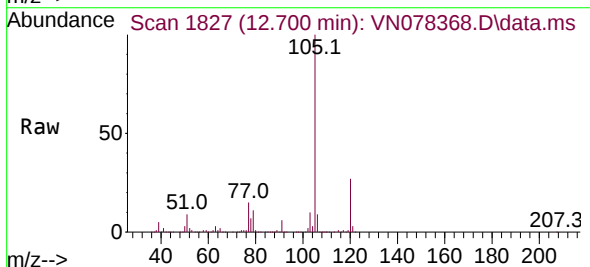
Tgt Ion:104 Resp: 1739239
Ion Ratio Lower Upper
104 100
78 49.2 40.1 60.1
103 56.4 45.1 67.7

Manual Integrations
APPROVED

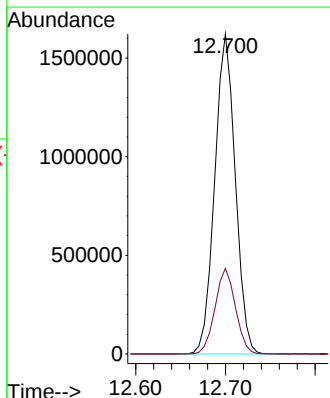
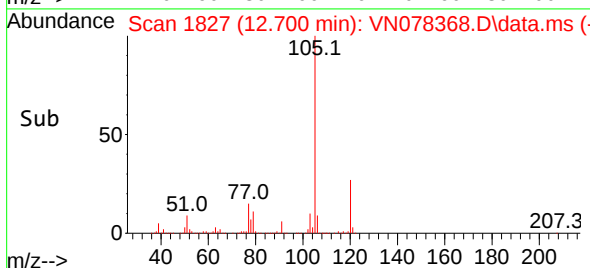
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

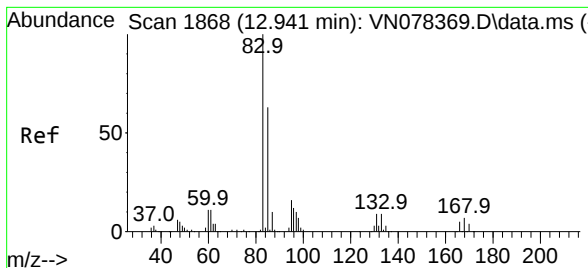


#70
Isopropylbenzene
Concen: 102.247 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46



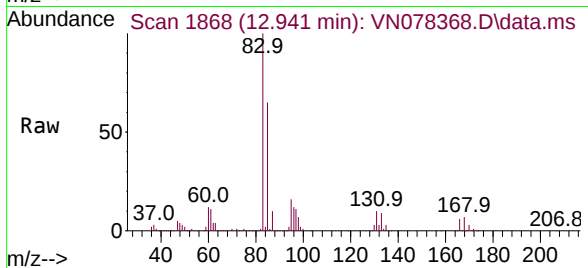
Tgt Ion:105 Resp: 2579651
Ion Ratio Lower Upper
105 100
120 26.5 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 94.307 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

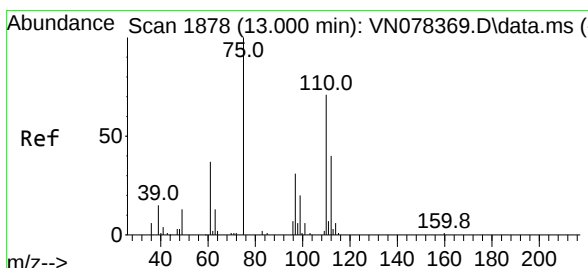
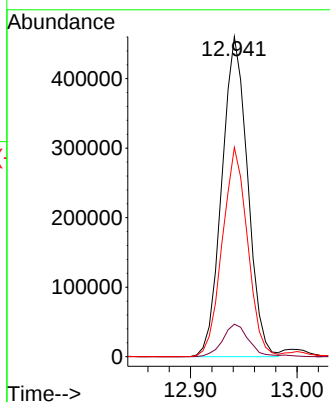
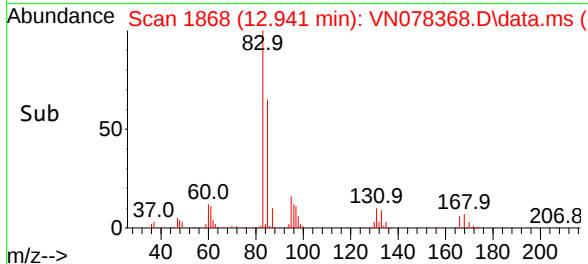
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



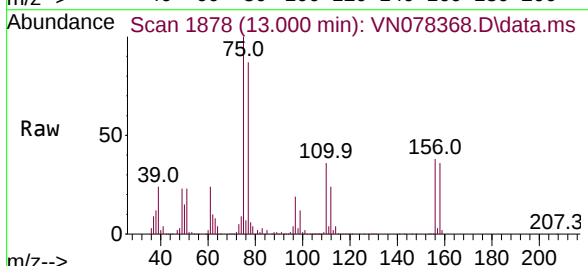
Tgt Ion: 83 Resp: 773745
Ion Ratio Lower Upper
83 100
131 10.2 4.8 14.4
85 64.0 32.6 98.0

Manual Integrations
APPROVED

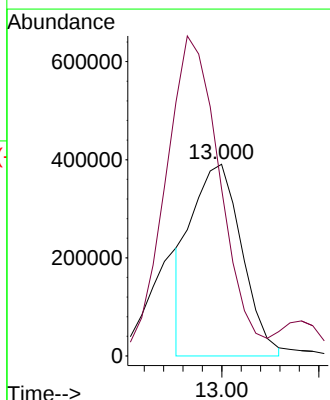
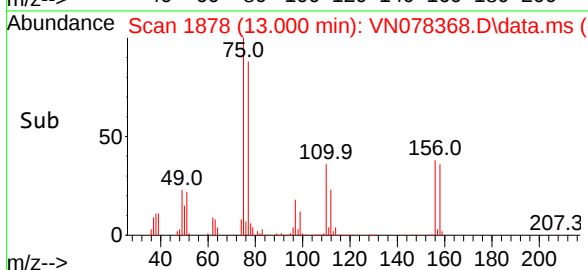
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

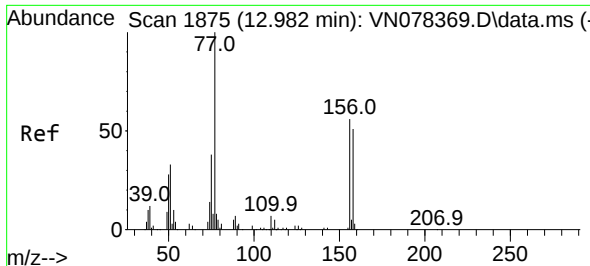


#72
1,2,3-Trichloropropane
Concen: 97.521 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46



Tgt Ion: 75 Resp: 705297
Ion Ratio Lower Upper
75 100
77 182.4 0.0 387.4





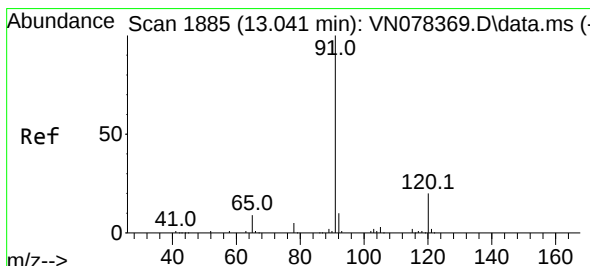
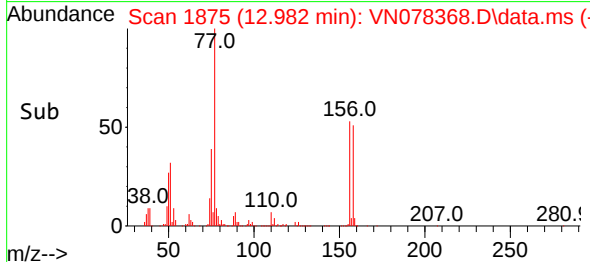
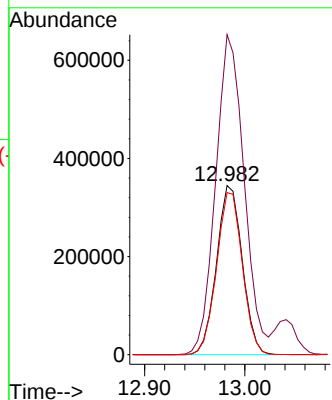
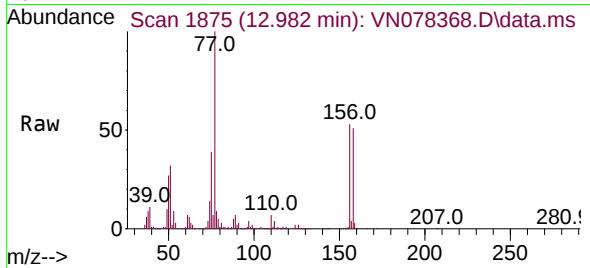
#73
Bromobenzene
Concen: 101.696 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:156 Resp: 61343
Ion Ratio Lower Upper
156 100
77 209.7 0.0 420.8
158 96.0 0.0 193.2

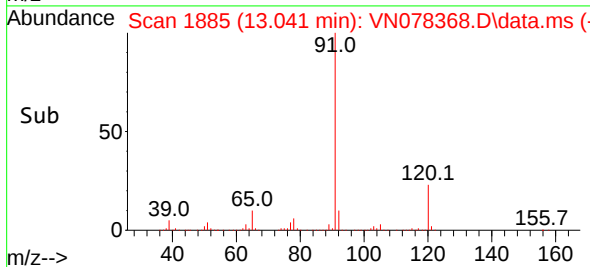
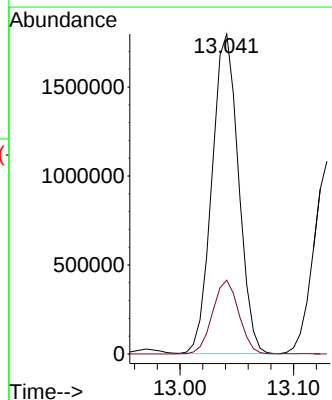
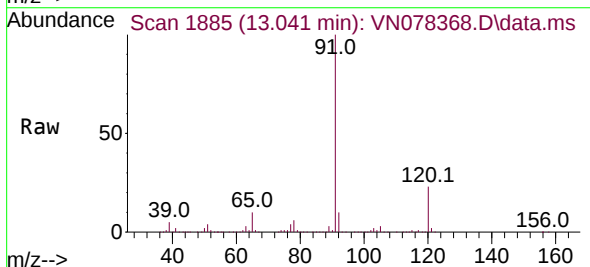
Manual Integrations
APPROVED

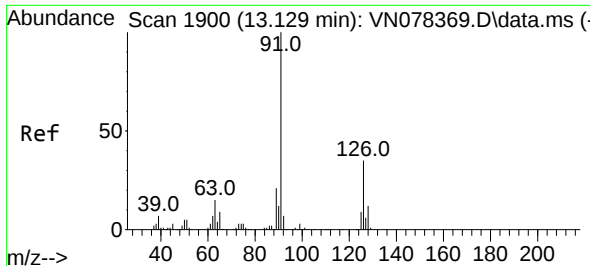
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#74
n-propylbenzene
Concen: 106.234 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

Tgt Ion: 91 Resp: 2914494
Ion Ratio Lower Upper
91 100
120 22.8 0.0 44.6





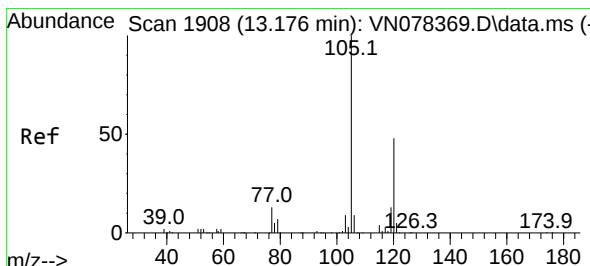
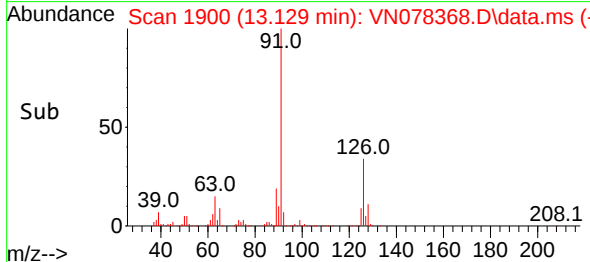
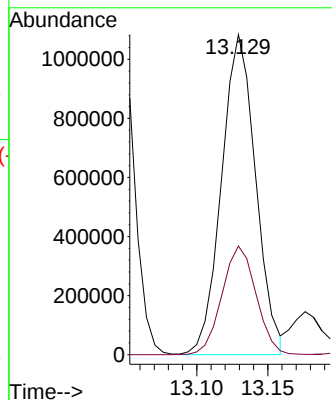
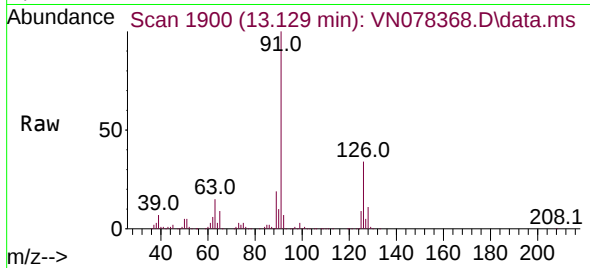
#75
2-Chlorotoluene
Concen: 97.587 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 1812324
Ion Ratio Lower Upper
91 100
126 33.9 0.0 67.2

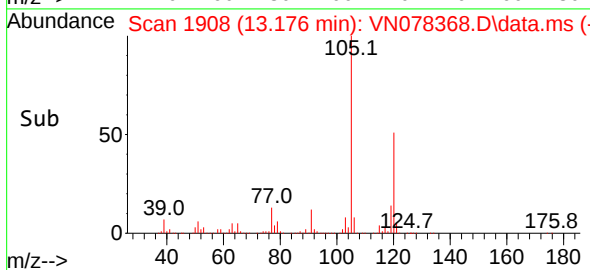
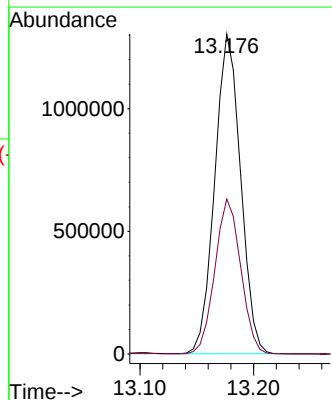
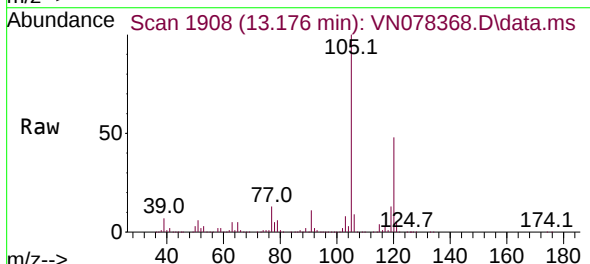
Manual Integrations
APPROVED

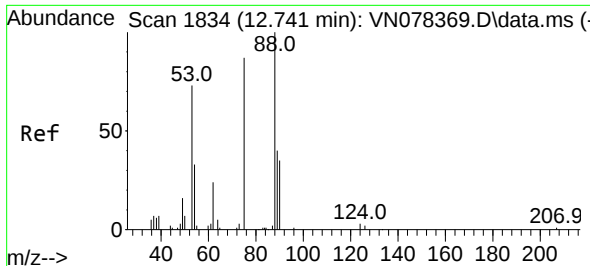
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#76
1,3,5-Trimethylbenzene
Concen: 98.363 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

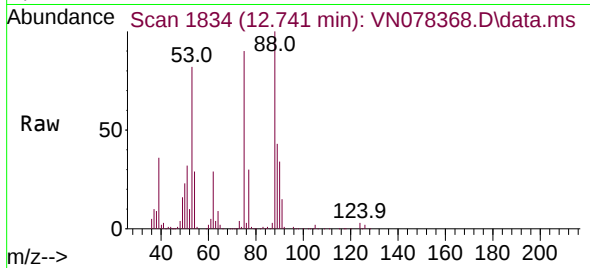
Tgt Ion:105 Resp: 2057815
Ion Ratio Lower Upper
105 100
120 48.6 0.0 97.2





#77
t-1,4-Dichloro-2-butene
Concen: 114.482 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

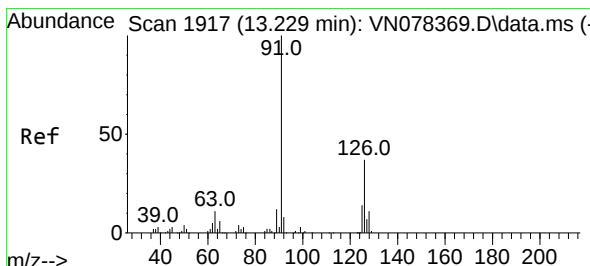
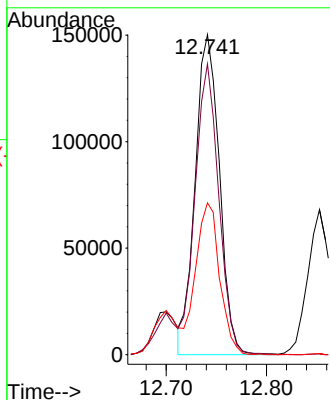
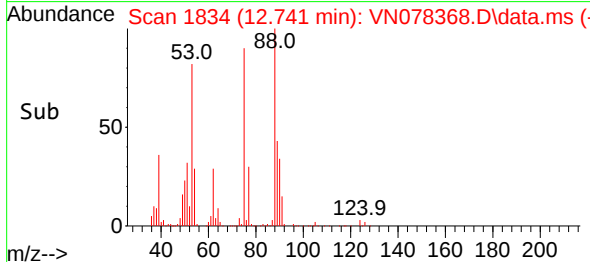
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 253060
Ion Ratio Lower Upper
75 100
53 91.0 41.6 124.9
89 47.5 25.1 75.4

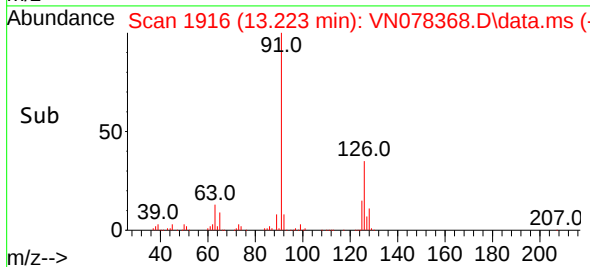
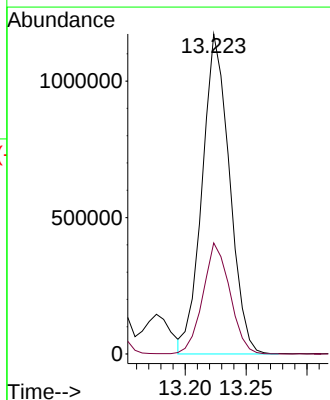
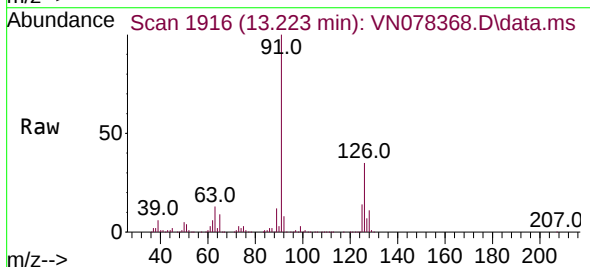
Manual Integrations
APPROVED

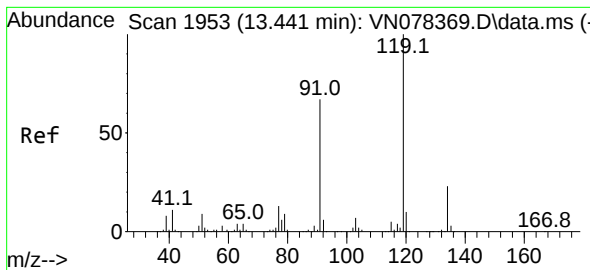
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#78
4-Chlorotoluene
Concen: 105.104 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

Tgt Ion: 91 Resp: 1826590
Ion Ratio Lower Upper
91 100
126 34.4 0.0 68.8





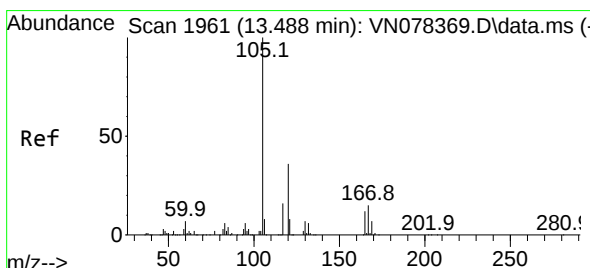
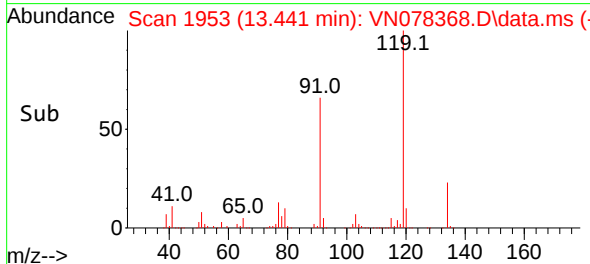
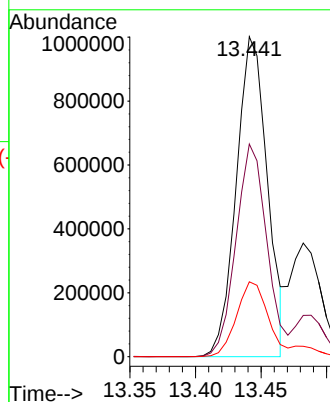
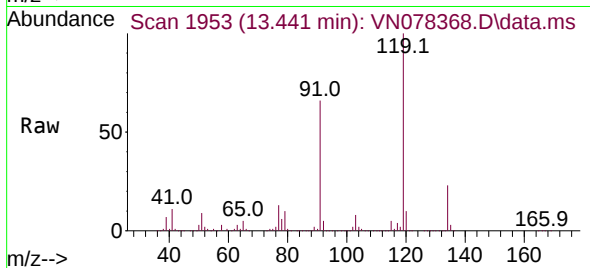
#79
tert-butylbenzene
Concen: 95.948 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:119 Resp: 1651198
Ion Ratio Lower Upper
119 100
91 66.3 0.0 126.6
134 23.7 0.0 44.0

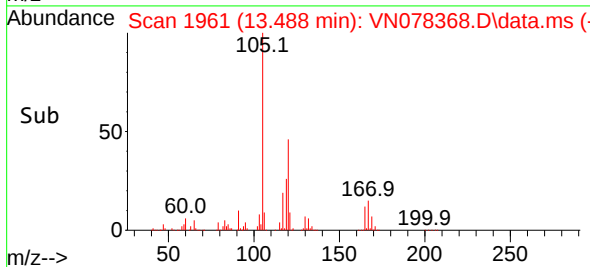
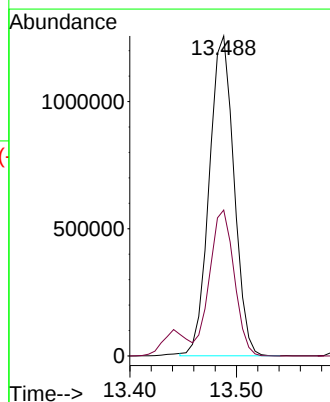
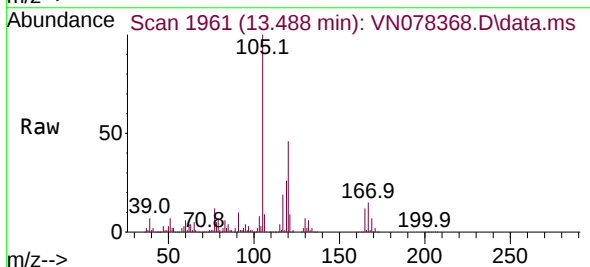
Manual Integrations
APPROVED

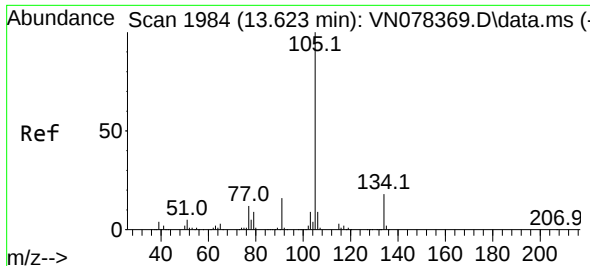
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#80
1,2,4-Trimethylbenzene
Concen: 102.434 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

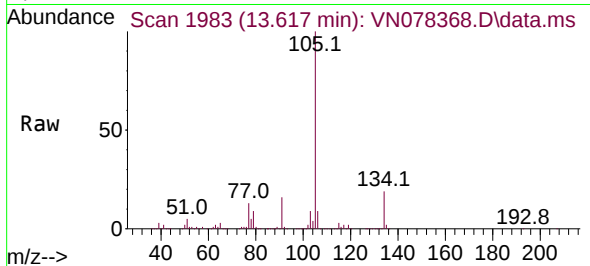
Tgt Ion:105 Resp: 2024927
Ion Ratio Lower Upper
105 100
120 45.4 0.0 88.2





#81
 sec-Butylbenzene
 Concen: 101.926 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN078368.D
 Acq: 23 Jun 2023 10:46

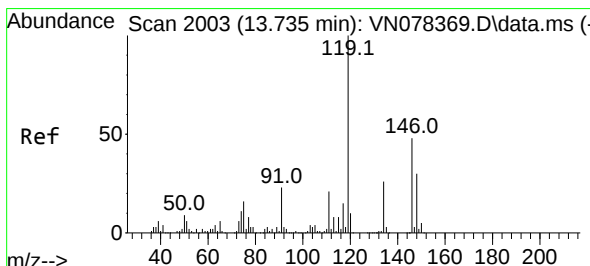
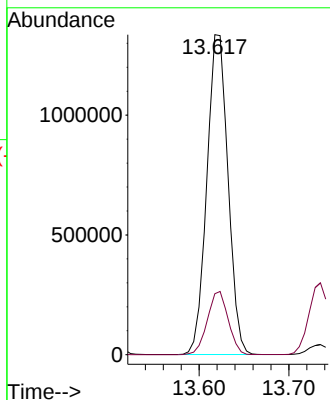
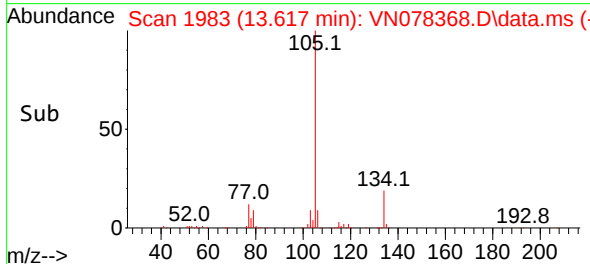
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion:105 Resp: 218828
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 38.6

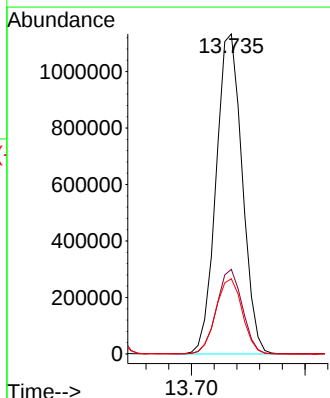
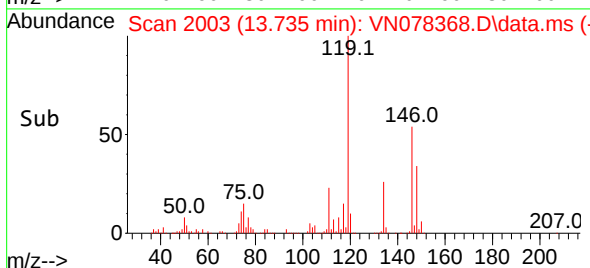
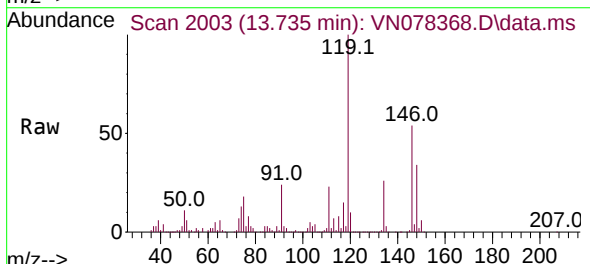
Manual Integrations
 APPROVED

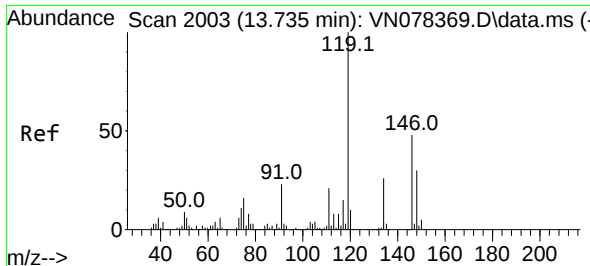
Reviewed By :John Carlone 06/24/2023
 Supervised By :Mahesh Dadoda 06/26/2023



#82
 p-Isopropyltoluene
 Concen: 105.070 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078368.D
 Acq: 23 Jun 2023 10:46

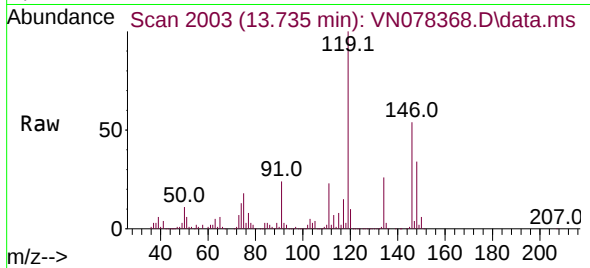
Tgt Ion:119 Resp: 1814429
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 52.4
 91 23.8 0.0 48.2





#83
1,3-Dichlorobenzene
Concen: 109.188 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

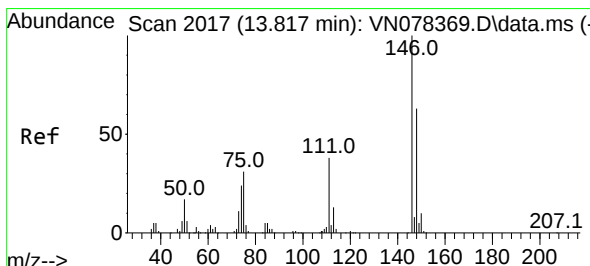
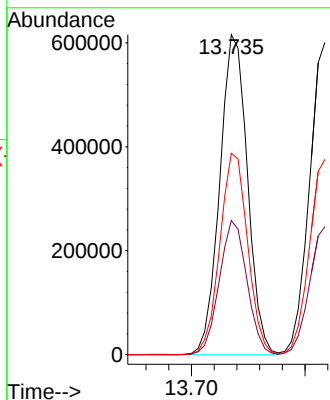
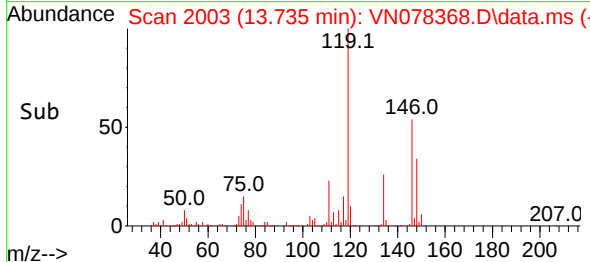
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



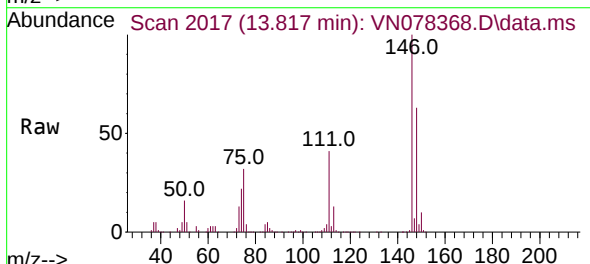
Tgt Ion:146 Resp: 1043879
Ion Ratio Lower Upper
146 100
111 41.7 21.6 64.6
148 63.2 31.9 95.5

Manual Integrations
APPROVED

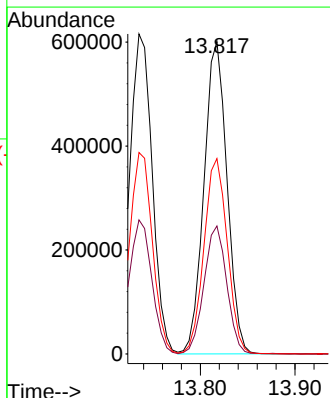
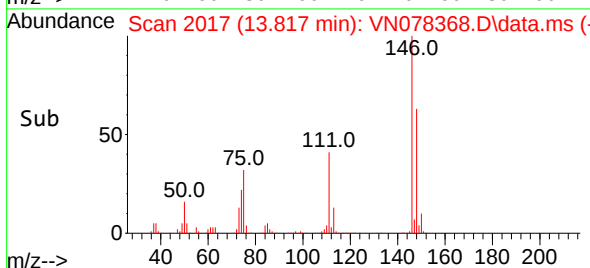
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

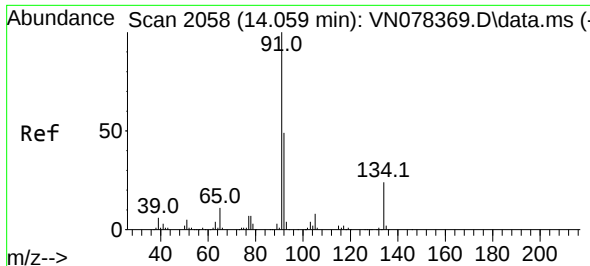


#84
1,4-Dichlorobenzene
Concen: 110.104 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46



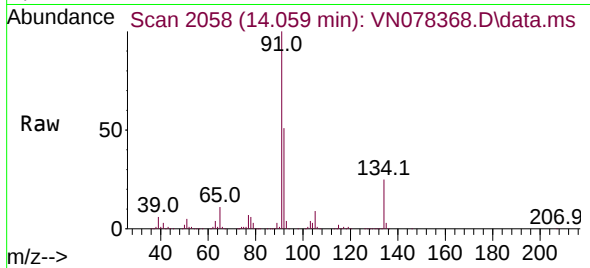
Tgt Ion:146 Resp: 1017761
Ion Ratio Lower Upper
146 100
111 40.5 19.4 58.2
148 63.4 31.4 94.3





#85
n-Butylbenzene
Concen: 110.537 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

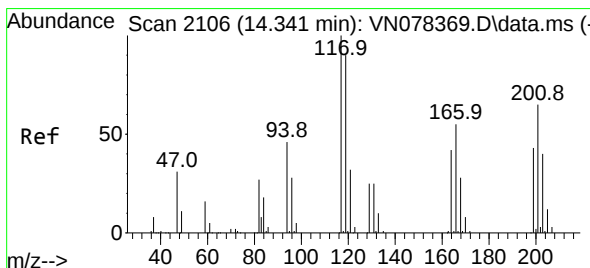
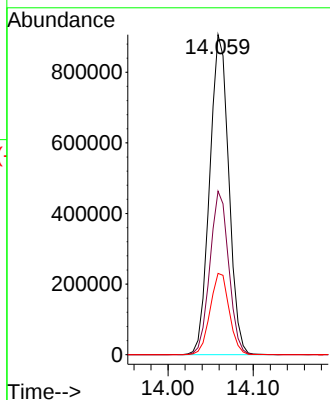
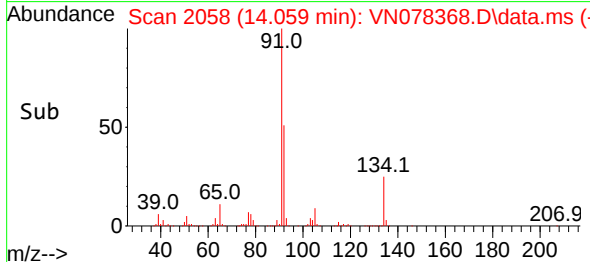
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 1409974
Ion Ratio Lower Upper
91 100
92 50.4 0.0 99.6
134 25.4 0.0 50.0

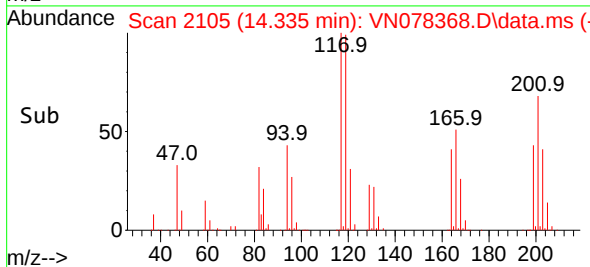
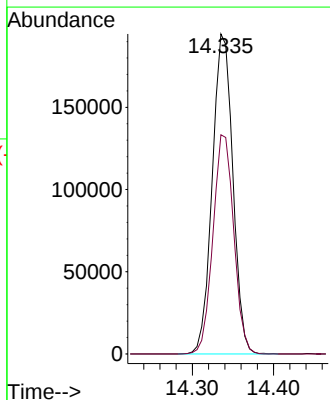
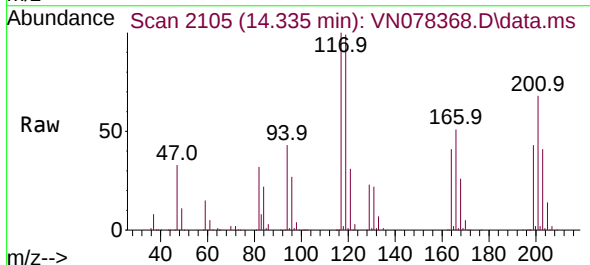
Manual Integrations
APPROVED

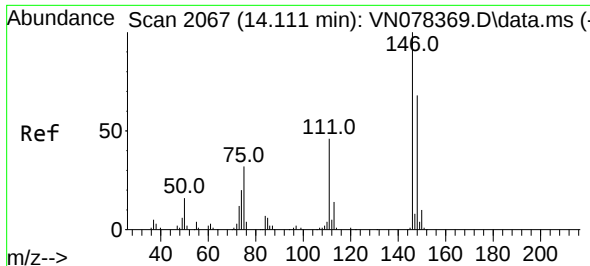
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#86
Hexachloroethane
Concen: 103.158 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

Tgt Ion:117 Resp: 342874
Ion Ratio Lower Upper
117 100
201 69.3 34.2 102.6





#87

1,2-Dichlorobenzene

Concen: 107.293 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN078368.D

Acq: 23 Jun 2023 10:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 1016784

Ion Ratio Lower Upper

146 100

111 43.6 22.4 67.3

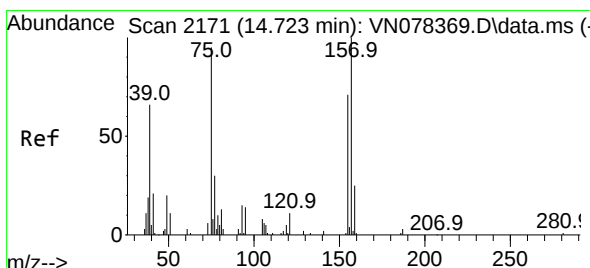
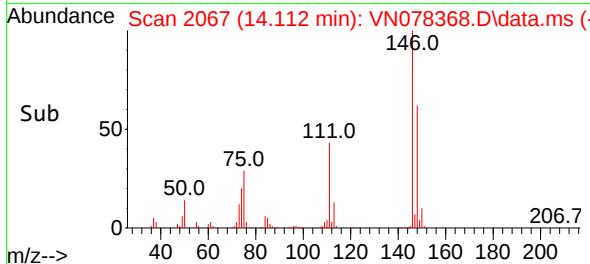
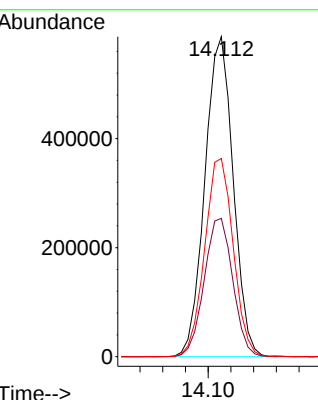
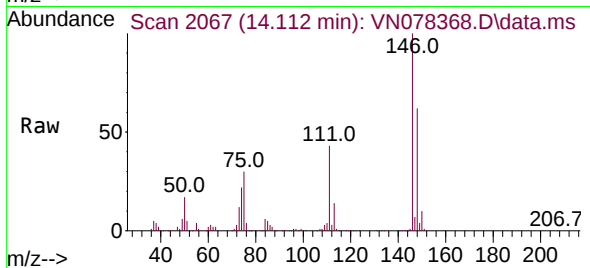
148 62.4 33.4 100.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 103.657 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN078368.D

Acq: 23 Jun 2023 10:46

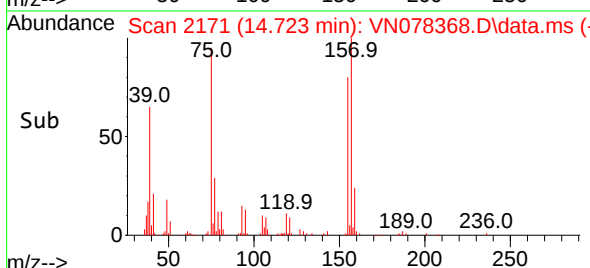
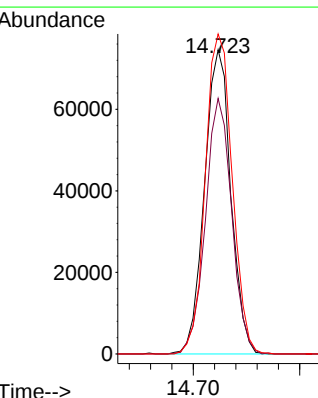
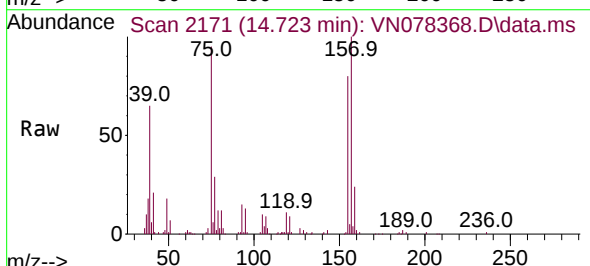
Tgt Ion: 75 Resp: 128141

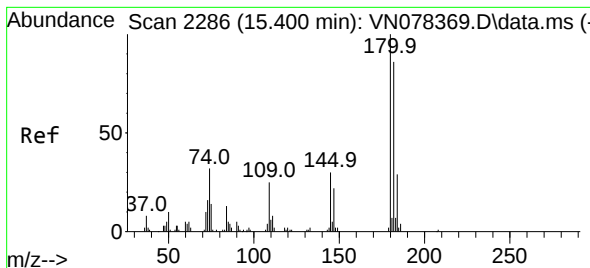
Ion Ratio Lower Upper

75 100

155 83.4 68.2 102.2

157 107.1 84.7 127.1





#89

1,2,4-Trichlorobenzene

Concen: 130.381 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. -0.006 min

Lab File: VN078368.D

Acq: 23 Jun 2023 10:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:180 Resp: 376750

Ion Ratio Lower Upper

180 100

182 94.0 73.7 110.5

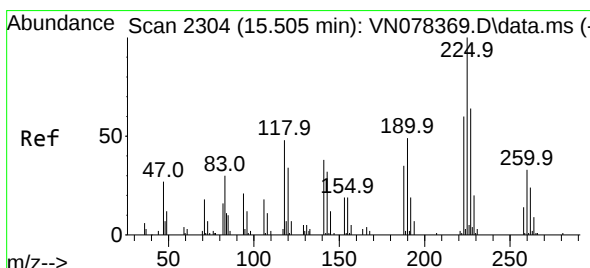
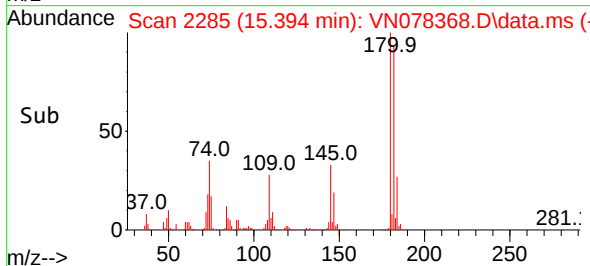
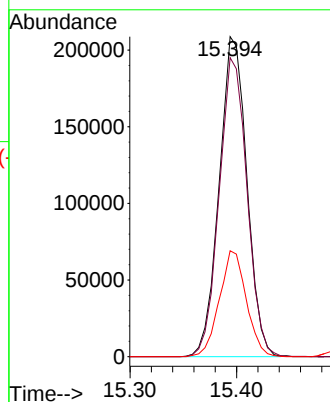
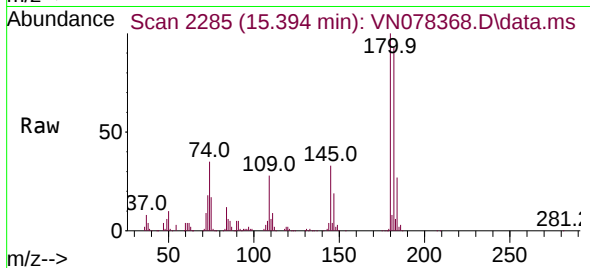
145 32.2 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#90

Hexachlorobutadiene

Concen: 84.063 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN078368.D

Acq: 23 Jun 2023 10:46

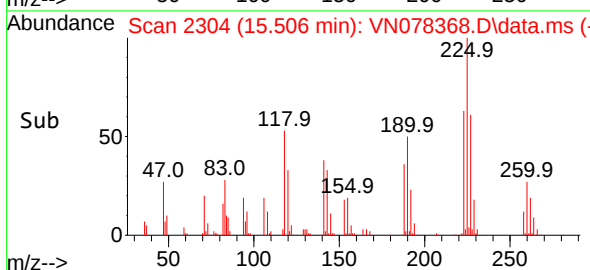
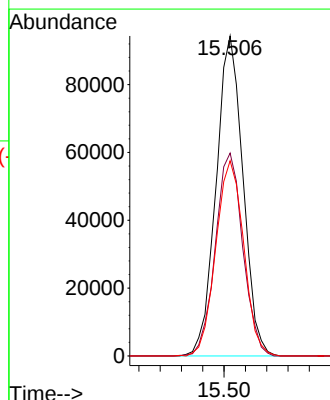
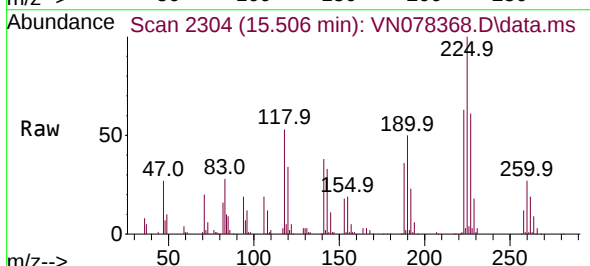
Tgt Ion:225 Resp: 165145

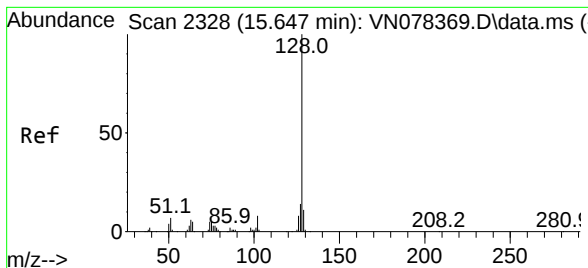
Ion Ratio Lower Upper

225 100

223 64.7 0.0 130.0

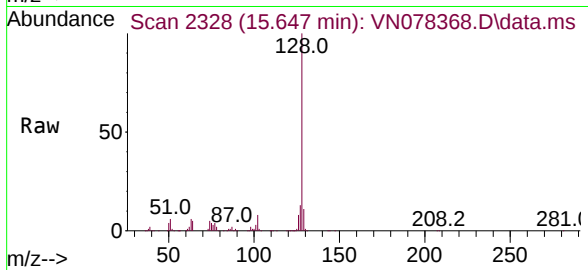
227 63.2 0.0 124.0





#91
Naphthalene
Concen: 133.761 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

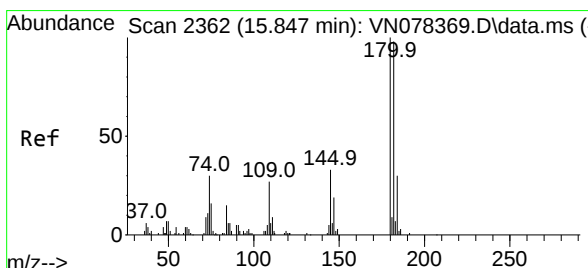
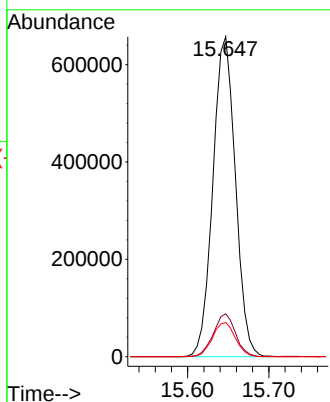
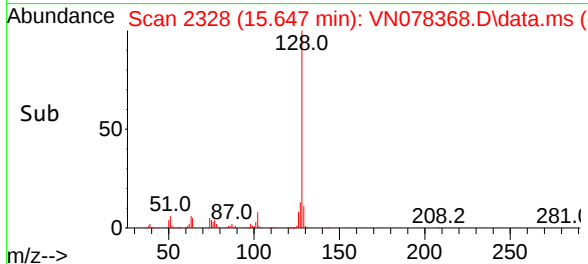
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:128 Resp: 126650
Ion Ratio Lower Upper
128 100
127 13.2 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: 119.373 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN078368.D
Acq: 23 Jun 2023 10:46

Tgt Ion:180 Resp: 399058
Ion Ratio Lower Upper
180 100
182 94.9 0.0 196.4
145 33.1 0.0 71.0

