

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042923\
 Data File : VN077512.D
 Acq On : 29 Apr 2023 11:00
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 01 01:22:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/01/2023
 Supervised By : Mahesh Dadoda 05/01/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	644873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	1181564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1086169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	464465	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	454632	54.027	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.060%	
35) Dibromofluoromethane	8.172	113	388688	54.732	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.460%	
50) Toluene-d8	10.566	98	1550775	56.976	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 113.960%#	
62) 4-Bromofluorobenzene	12.848	95	544213	61.113	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 122.220%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	383366	46.591	ug/l	97
3) Chloromethane	2.372	50	278889	43.144	ug/l	98
4) Vinyl Chloride	2.525	62	394346	45.794	ug/l	99
5) Bromomethane	2.954	94	321958	43.162	ug/l	98
6) Chloroethane	3.125	64	271372	41.480	ug/l	99
7) Trichlorofluoromethane	3.507	101	614344	48.539	ug/l	98
8) Diethyl Ether	3.966	74	220536	47.950	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.378	101	361948	49.172	ug/l	99
10) Methyl Iodide	4.596	142	439117	48.557	ug/l	97
11) Tert butyl alcohol	5.525	59	267414	197.956	ug/l	98
12) 1,1-Dichloroethene	4.354	96	335570	46.629	ug/l	99
13) Acrolein	4.190	56	258733	192.532	ug/l	99
14) Allyl chloride	5.031	41	361791	45.218	ug/l	90
15) Acrylonitrile	5.725	53	708111	231.066	ug/l	100
16) Acetone	4.431	43	812066	303.337	ug/l	100
17) Carbon Disulfide	4.725	76	824988	45.114	ug/l	100
18) Methyl Acetate	5.031	43	456050	44.113	ug/l	98
19) Methyl tert-butyl Ether	5.801	73	1184795	49.504	ug/l	99
20) Methylene Chloride	5.284	84	390018	45.939	ug/l	94
21) trans-1,2-Dichloroethene	5.795	96	380738	48.926	ug/l	95
22) Diisopropyl ether	6.678	45	896633	48.828	ug/l	99
23) Vinyl Acetate	6.613	43	2672040	232.998	ug/l	100
24) 1,1-Dichloroethane	6.572	63	645726	49.677	ug/l	99
25) 2-Butanone	7.489	43	933756	245.917	ug/l	99
26) 2,2-Dichloropropane	7.495	77	650914	51.645	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	455804	49.457	ug/l	100
28) Bromochloromethane	7.819	49	259888	52.357	ug/l	95
29) Tetrahydrofuran	7.842	42	516657	217.170	ug/l	99
30) Chloroform	7.972	83	749597	51.171	ug/l	96
31) Cyclohexane	8.260	56	528772	44.358	ug/l	97
32) 1,1,1-Trichloroethane	8.172	97	689880	51.224	ug/l	98
36) 1,1-Dichloropropene	8.378	75	528346	51.496	ug/l	99
37) Ethyl Acetate	7.566	43	352757	45.246	ug/l	98
38) Carbon Tetrachloride	8.366	117	586381	51.800	ug/l	96
39) Methylcyclohexane	9.601	83	708859	52.439	ug/l	99
40) Benzene	8.607	78	1607709	51.437	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	197364	48.604	ug/l	97
42) 1,2-Dichloroethane	8.672	62	553250	51.536	ug/l	99
43) Isopropyl Acetate	8.695	43	630584	46.752	ug/l	97
44) Trichloroethene	9.354	130	408885	51.093	ug/l	98
45) 1,2-Dichloropropane	9.625	63	384616	52.532	ug/l	98
46) Dibromomethane	9.707	93	298441	50.236	ug/l	99
47) Bromodichloromethane	9.889	83	612824	53.329	ug/l	96
48) Methyl methacrylate	9.683	41	285844	46.558	ug/l	99
49) 1,4-Dioxane	9.695	88	137446	892.512	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	1800256	227.559	ug/l	98
52) Toluene	10.630	92	1078047	52.650	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	634715	54.547	ug/l	95
54) cis-1,3-Dichloropropene	10.313	75	680764	53.749	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	417115	50.659	ug/l	96
56) Ethyl methacrylate	10.872	69	594328	51.513	ug/l	94
57) 1,3-Dichloropropane	11.166	76	682851	52.065	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	896136	229.638	ug/l	98
59) 2-Hexanone	11.195	43	1390470	241.798	ug/l	96
60) Dibromochloromethane	11.360	129	461437	53.999	ug/l	99
61) 1,2-Dibromoethane	11.472	107	423462	50.375	ug/l	99
64) Tetrachloroethene	11.107	164	329001	50.601	ug/l	98
65) Chlorobenzene	11.895	112	1156070	50.299	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.960	131	417026	49.870	ug/l	97
67) Ethyl Benzene	11.966	91	2126668	52.561	ug/l	100
68) m/p-Xylenes	12.072	106	1641391	104.378	ug/l	97
69) o-Xylene	12.401	106	804780	52.030	ug/l	98
70) Styrene	12.413	104	1345596	55.627	ug/l	99
71) Bromoform	12.577	173	288701	52.770	ug/l #	99
73) Isopropylbenzene	12.701	105	2157797	50.065	ug/l	100
74) N-amyl acetate	12.495	43	536679	42.059	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.936	83	588074	43.425	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	478551m	44.308	ug/l	
77) Bromobenzene	12.983	156	442566	47.115	ug/l	100
78) n-propylbenzene	13.036	91	2477572	51.989	ug/l	99
79) 2-Chlorotoluene	13.130	91	1471121	50.068	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	1785346	55.779	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	182634	47.772	ug/l	97
82) 4-Chlorotoluene	13.224	91	1396706	50.871	ug/l	100
83) tert-Butylbenzene	13.442	119	1545669	49.726	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	1748061	58.478	ug/l	100
85) sec-Butylbenzene	13.619	105	2261926	53.016	ug/l	99
86) p-Isopropyltoluene	13.730	119	1820552	55.459	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	842015	50.404	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	819626	49.691	ug/l	99
89) n-Butylbenzene	14.060	91	1503016	59.164	ug/l	99
90) Hexachloroethane	14.336	117	346909	47.834	ug/l	100
91) 1,2-Dichlorobenzene	14.107	146	819039	49.432	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	106130	42.380	ug/l	97
93) 1,2,4-Trichlorobenzene	15.395	180	246442	47.310	ug/l	95
94) Hexachlorobutadiene	15.501	225	175108	52.300	ug/l	99
95) Naphthalene	15.642	128	909324	46.381	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	227634	46.871	ug/l	97

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MSVOA_N
ClientSampleId :
VSTDCCC050

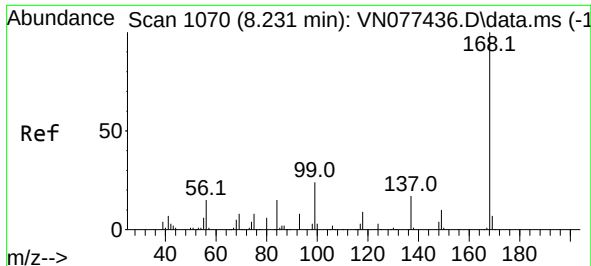
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

Quant Time: May 01 01:22:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:50:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



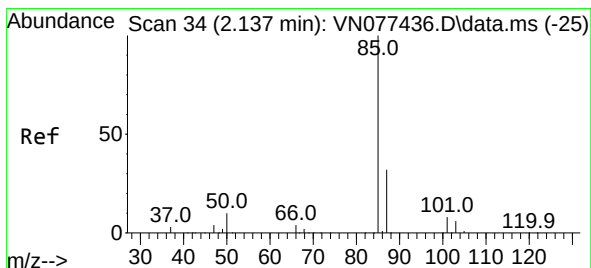
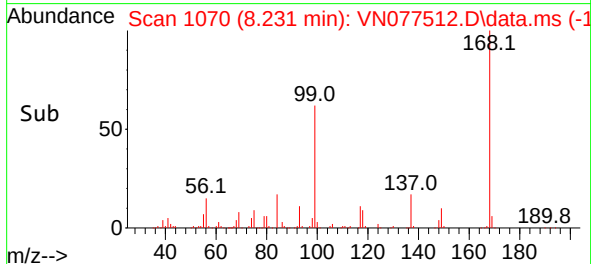
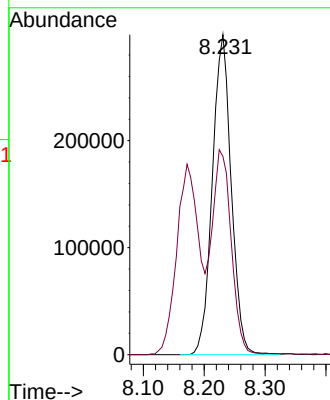
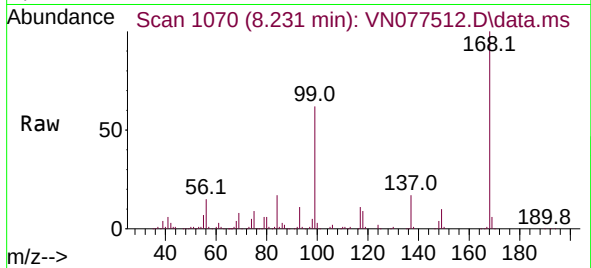
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 64487
Ion Ratio Lower Upper
168 100
99 61.6 53.0 79.6

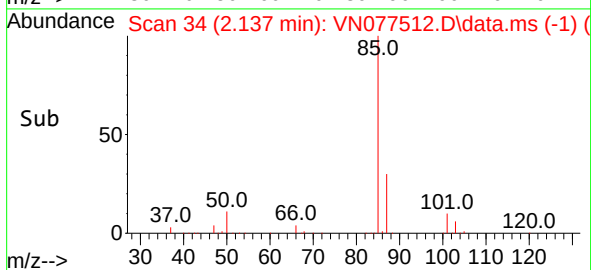
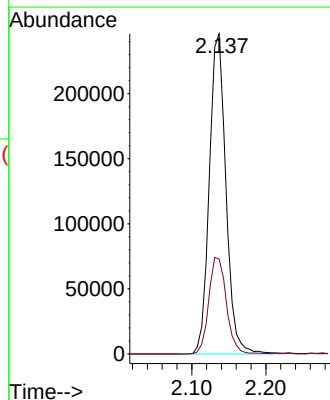
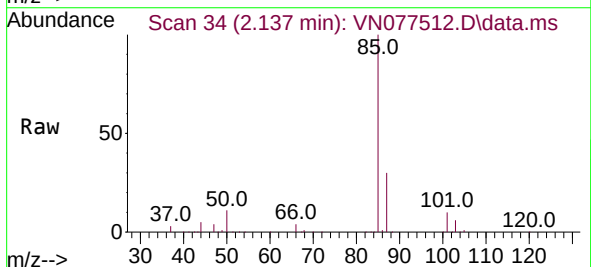
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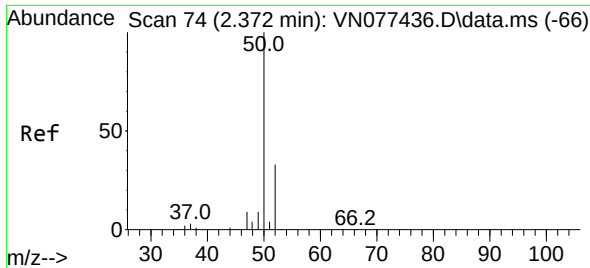
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#2
Dichlorodifluoromethane
Concen: 46.591 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

Tgt Ion: 85 Resp: 383366
Ion Ratio Lower Upper
85 100
87 29.7 15.8 47.4





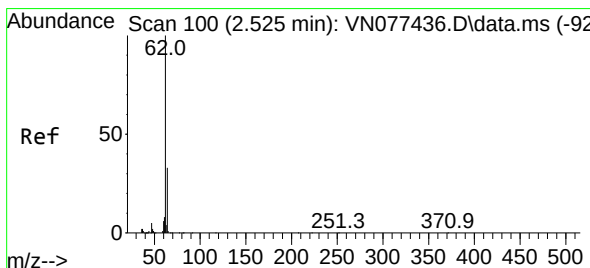
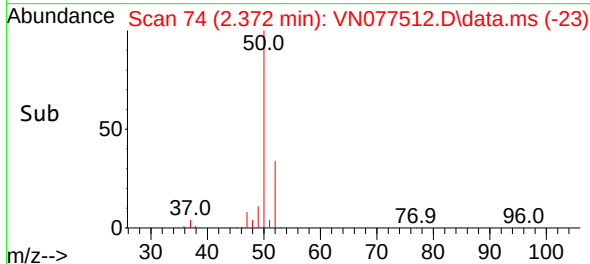
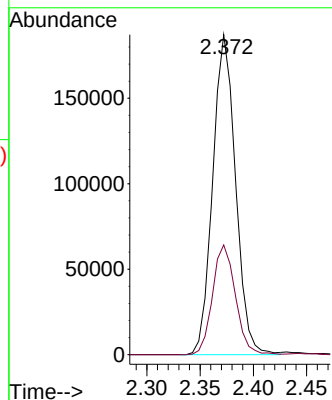
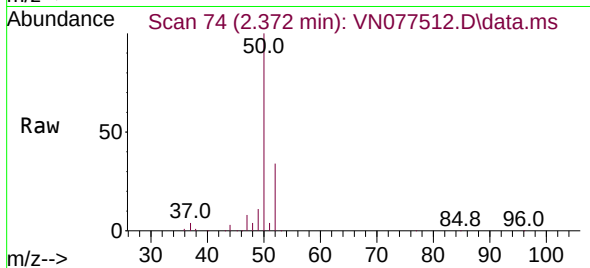
#3
Chloromethane
Concen: 43.144 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 278889
Ion Ratio Lower Upper
50 100
52 34.3 26.5 39.7

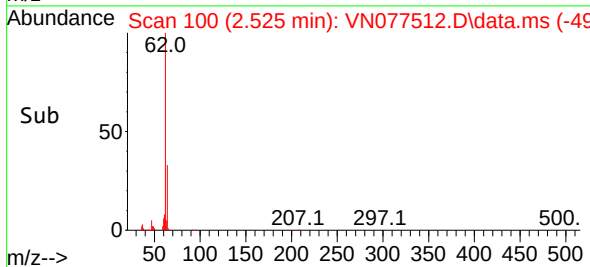
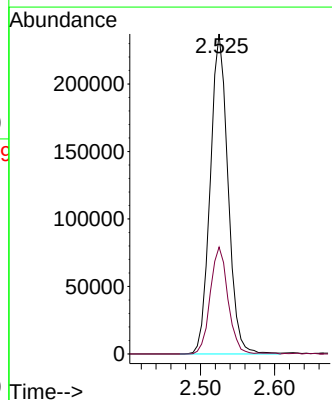
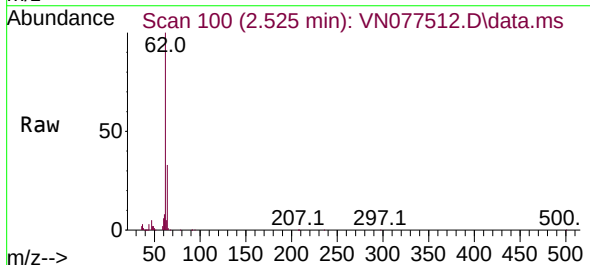
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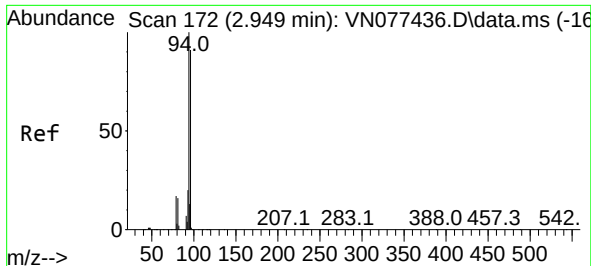
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#4
Vinyl Chloride
Concen: 45.794 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

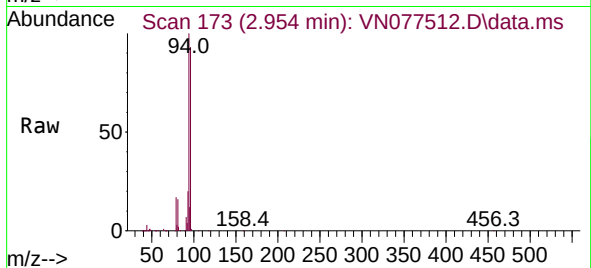
Tgt Ion: 62 Resp: 394346
Ion Ratio Lower Upper
62 100
64 33.4 26.2 39.2





#5
Bromomethane
Concen: 43.162 ug/l
RT: 2.954 min Scan# 173
Delta R.T. 0.006 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

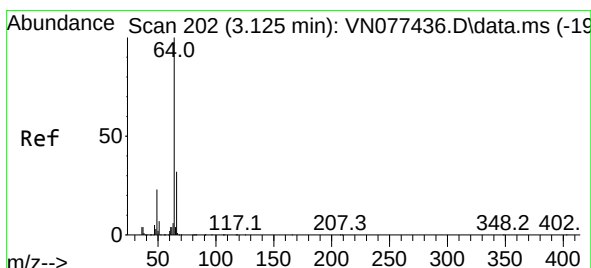
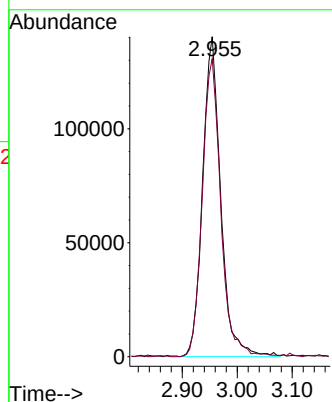
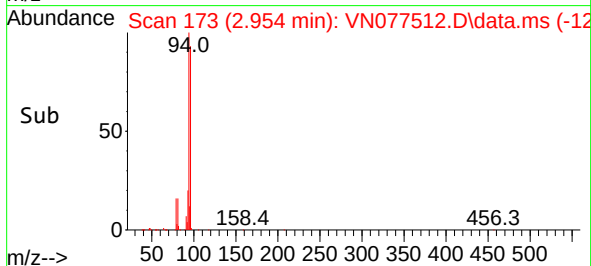
Instrument :
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Tgt Ion: 94 Resp: 321958
Ion Ratio Lower Upper
94 100
96 93.1 73.1 109.7

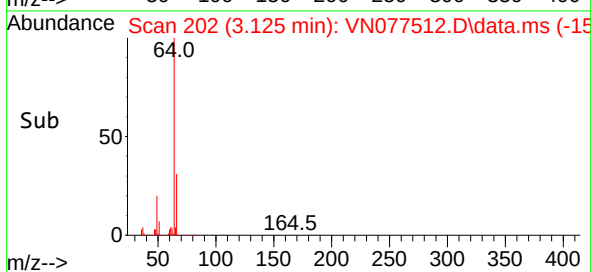
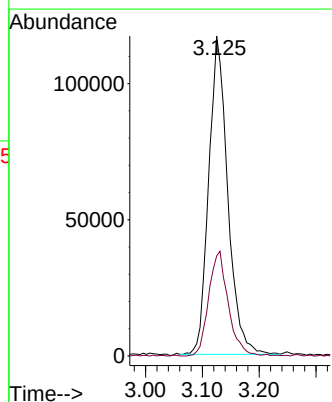
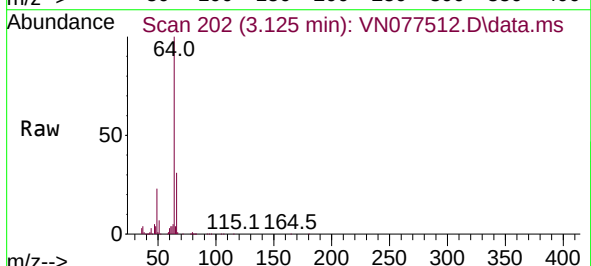
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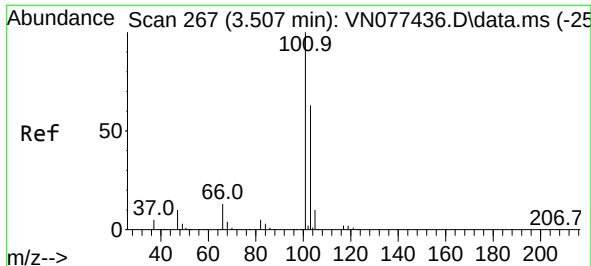
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#6
Chloroethane
Concen: 41.480 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

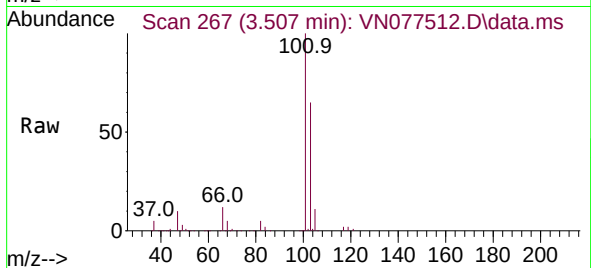
Tgt Ion: 64 Resp: 271372
Ion Ratio Lower Upper
64 100
66 31.4 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 48.539 ug/l
 RT: 3.507 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077512.D
 Acq: 29 Apr 2023 11:00

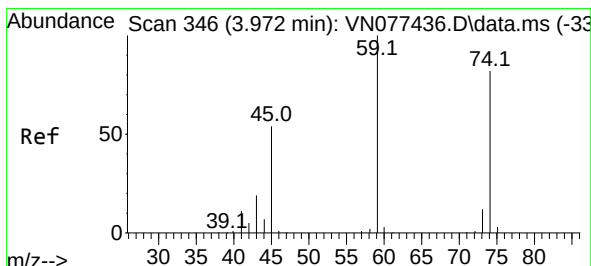
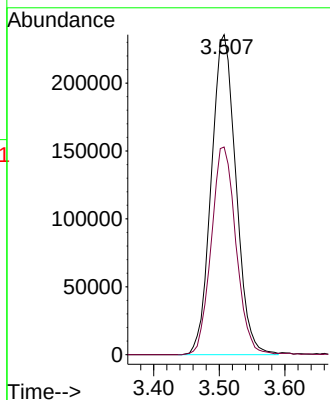
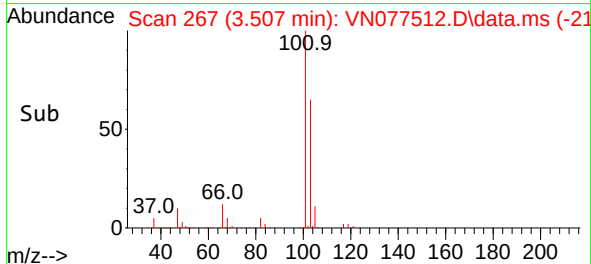
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



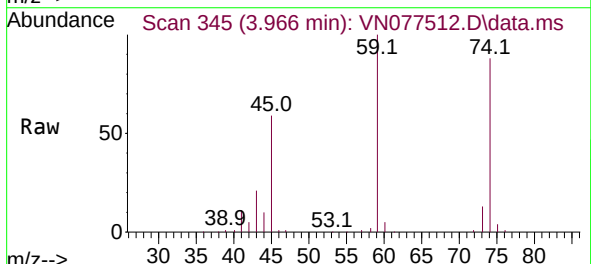
Tgt Ion:101 Resp: 61434
 Ion Ratio Lower Upper
 101 100
 103 64.9 50.7 76.1

Manual Integrations
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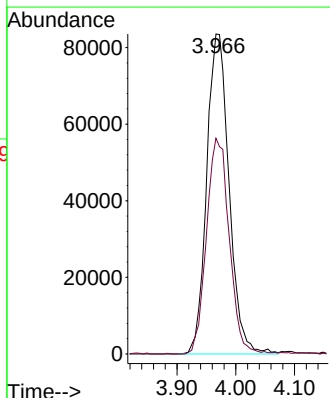
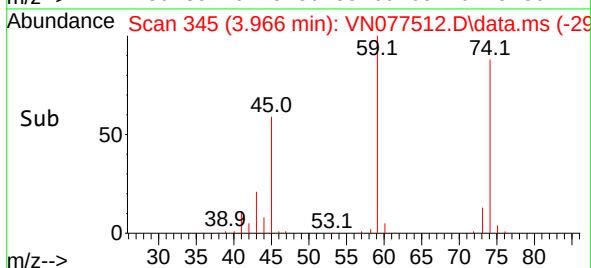
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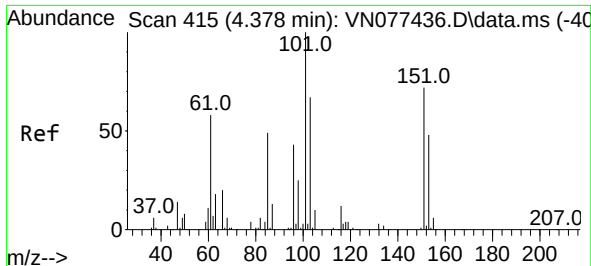


#8
 Diethyl Ether
 Concen: 47.950 ug/l
 RT: 3.966 min Scan# 345
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 220536
 Ion Ratio Lower Upper
 74 100
 45 68.6 34.4 103.3





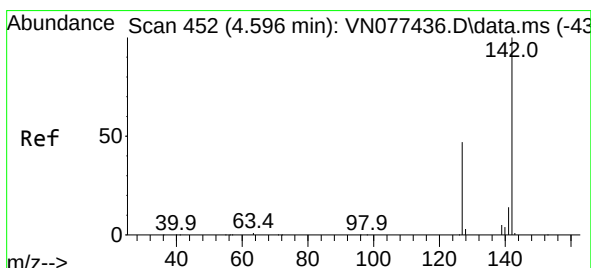
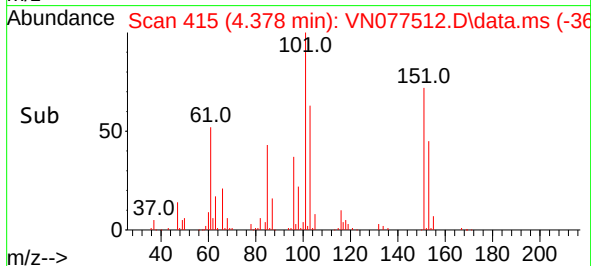
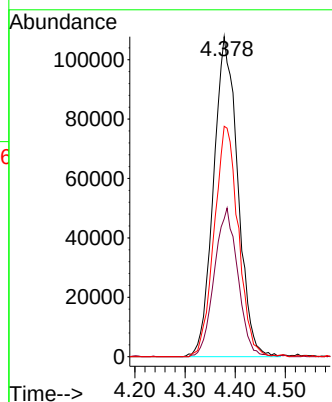
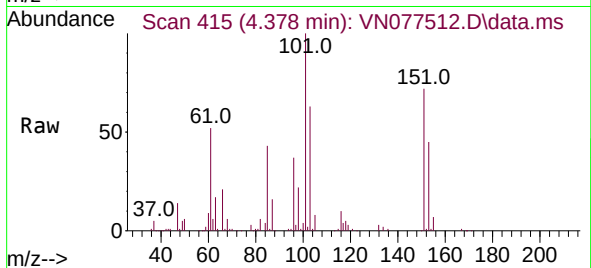
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1,1,2-Trichlorotrifluoroethane
Concen: 49.172 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 361948
Ion Ratio Lower Upper
101 100
85 45.0 36.6 55.0
151 71.5 57.6 86.4

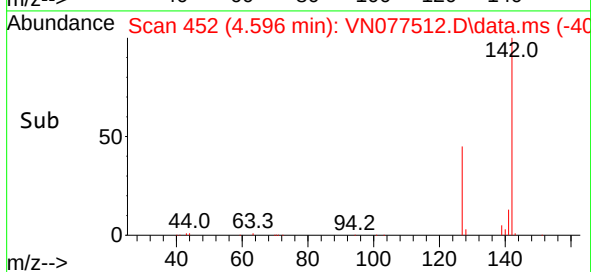
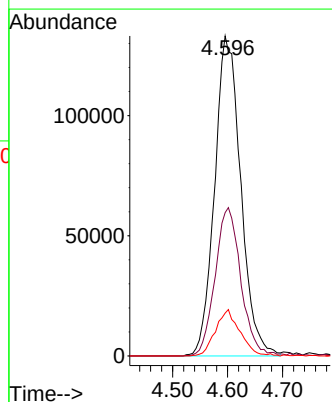
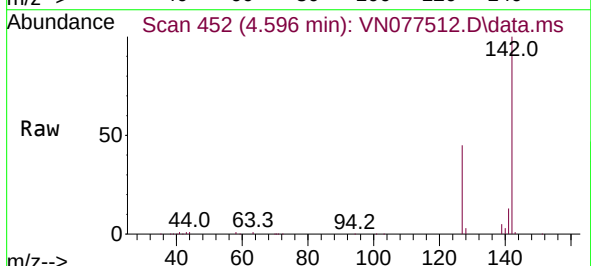
Manual Integrations
APPROVED

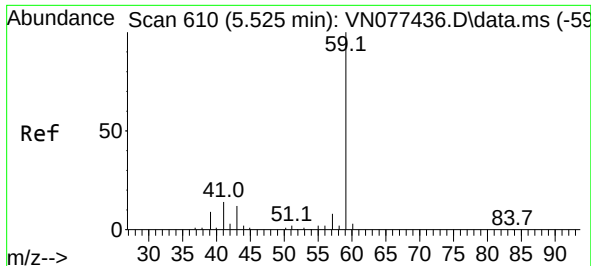
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#10
Methyl Iodide
Concen: 48.557 ug/l
RT: 4.596 min Scan# 452
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

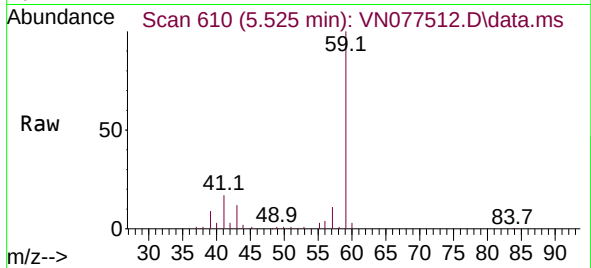
Tgt Ion:142 Resp: 439117
Ion Ratio Lower Upper
142 100
127 44.8 37.6 56.4
141 13.4 11.4 17.0





#11
Tert butyl alcohol
Concen: 197.956 ug/l
RT: 5.525 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

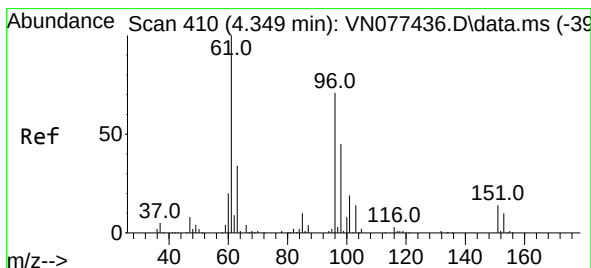
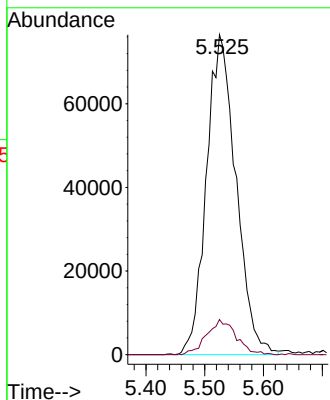
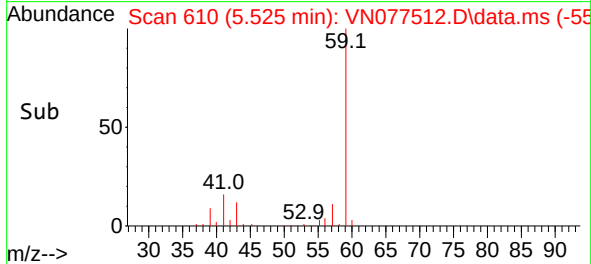
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



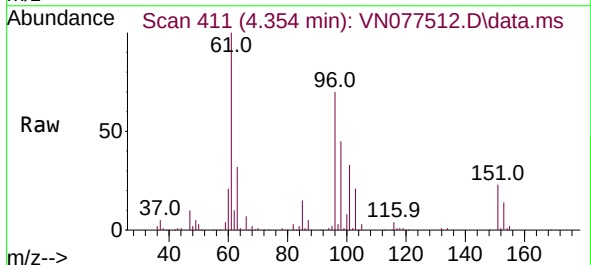
Tgt Ion: 59 Resp: 267414
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4

Manual Integrations
APPROVED

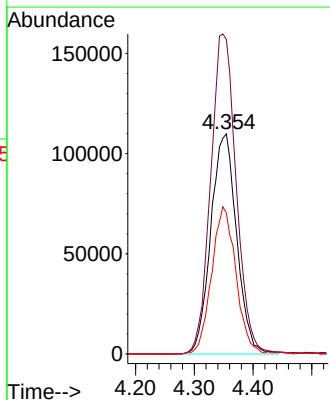
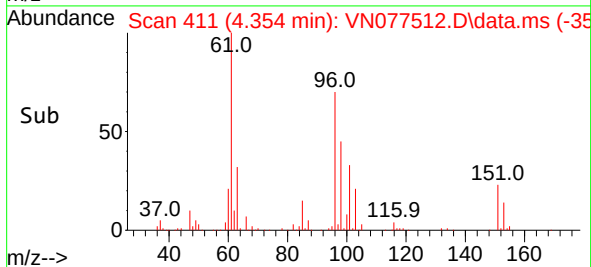
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

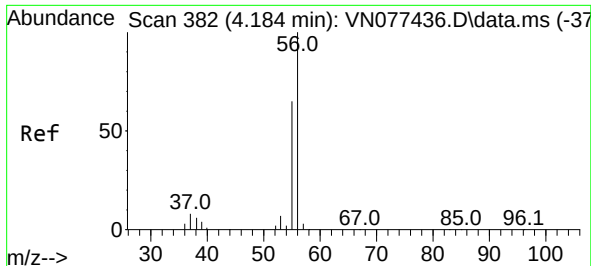


#12
1,1-Dichloroethene
Concen: 46.629 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00



Tgt Ion: 96 Resp: 335570
Ion Ratio Lower Upper
96 100
61 142.9 112.7 169.1
98 63.8 51.2 76.8





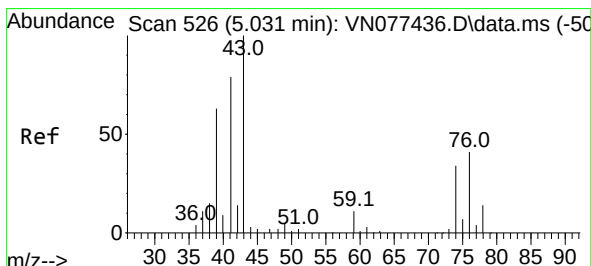
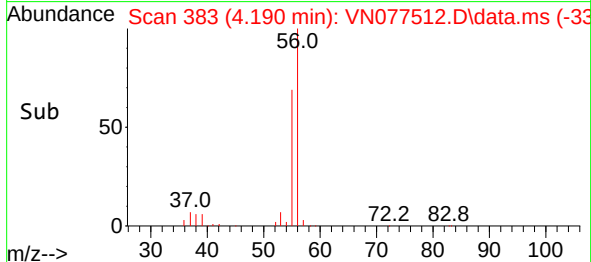
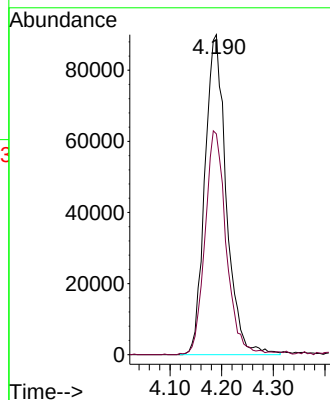
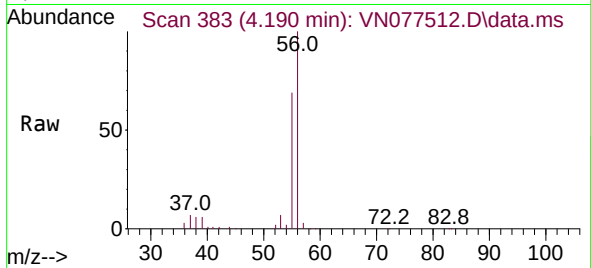
#13
Acrolein
Concen: 192.532 ug/l
RT: 4.190 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 25873
Ion Ratio Lower Upper
56 100
55 69.2 54.5 81.7

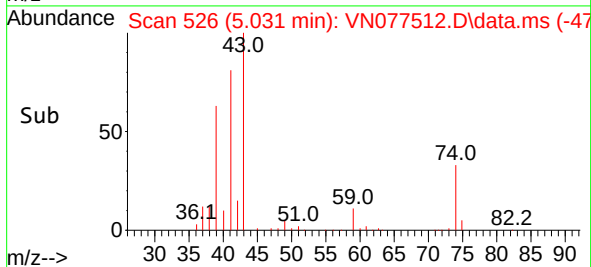
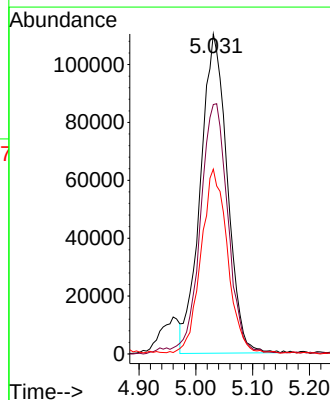
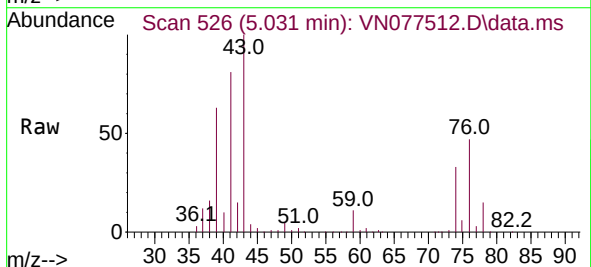
Manual Integrations
APPROVED

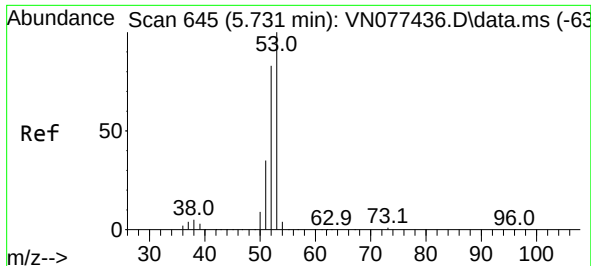
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#14
Allyl chloride
Concen: 45.218 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

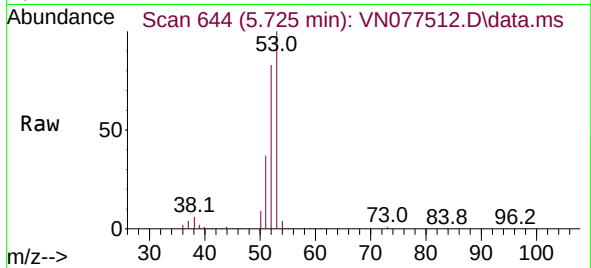
Tgt Ion: 41 Resp: 361791
Ion Ratio Lower Upper
41 100
39 81.6 58.8 88.2
76 56.1 39.1 58.7





#15
Acrylonitrile
Concen: 231.066 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

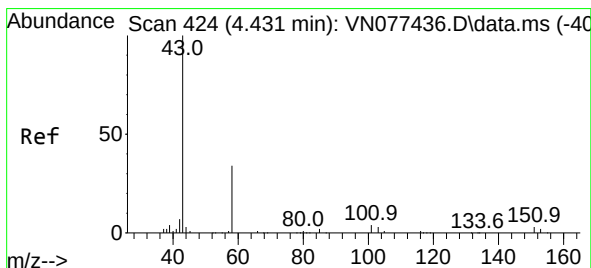
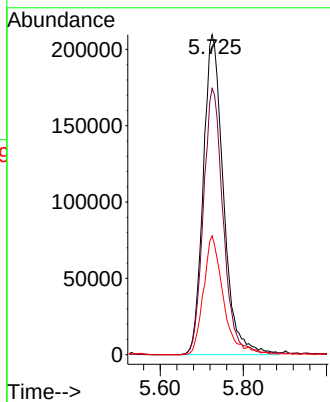
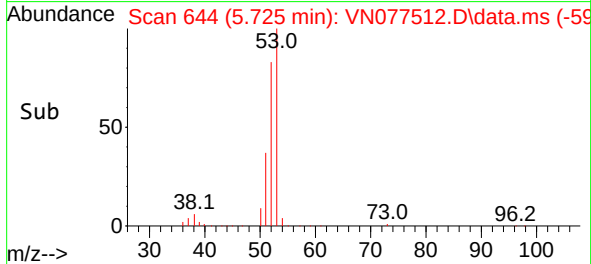
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 70811
Ion Ratio Lower Upper
53 100
52 81.5 65.3 97.9
51 36.7 28.9 43.3

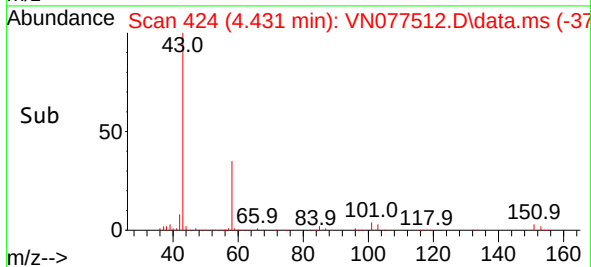
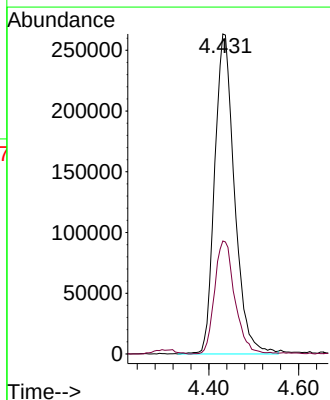
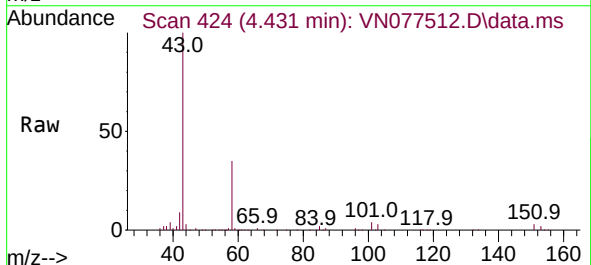
Manual Integrations
APPROVED

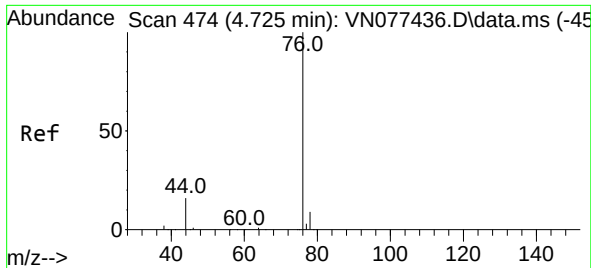
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#16
Acetone
Concen: 303.337 ug/l
RT: 4.431 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

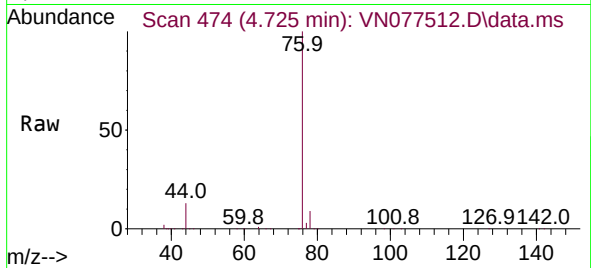
Tgt Ion: 43 Resp: 812066
Ion Ratio Lower Upper
43 100
58 35.1 28.0 42.0





#17
Carbon Disulfide
Concen: 45.114 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

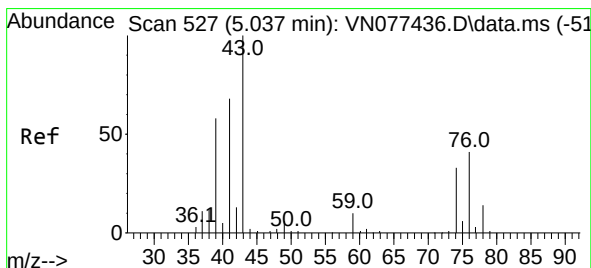
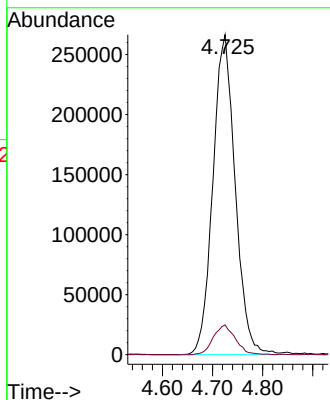
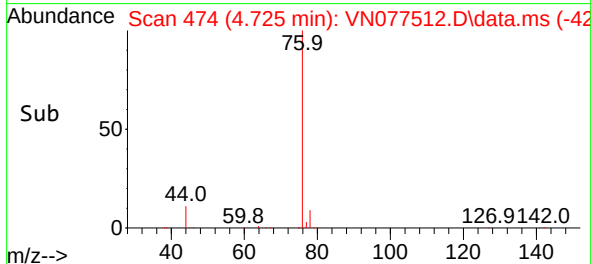
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



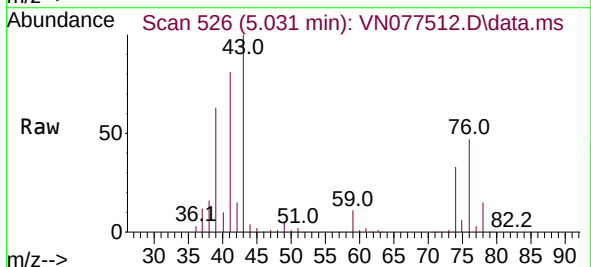
Tgt Ion: 76 Resp: 82498
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

Manual Integrations
APPROVED

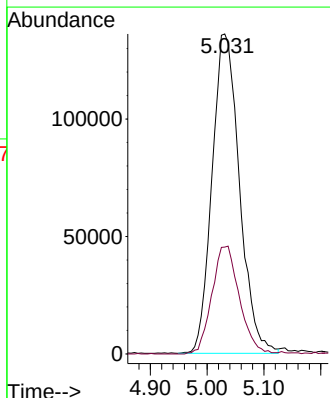
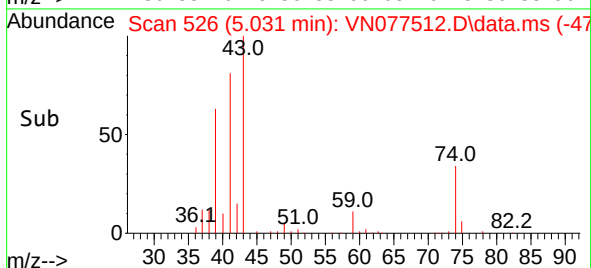
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

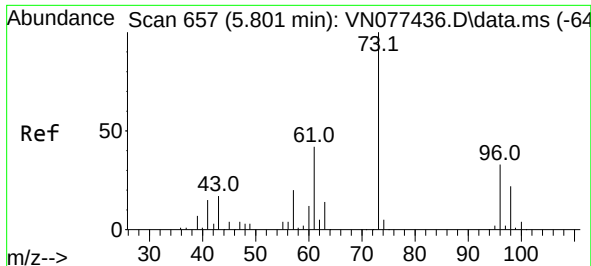


#18
Methyl Acetate
Concen: 44.113 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00



Tgt Ion: 43 Resp: 456050
Ion Ratio Lower Upper
43 100
74 33.8 26.2 39.4





#19

Methyl tert-butyl Ether

Concen: 49.504 ug/l

RT: 5.801 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN077512.D

Acq: 29 Apr 2023 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 118479

Ion Ratio Lower Upper

73 100

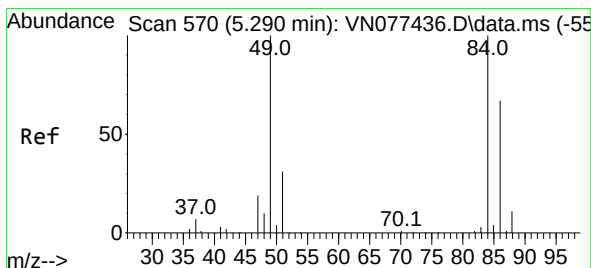
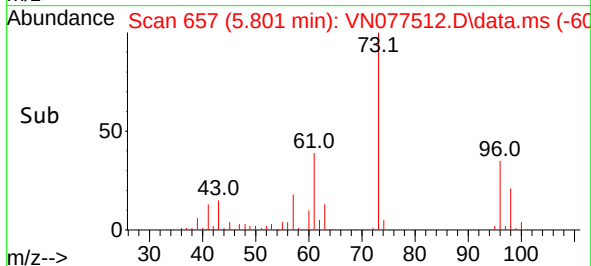
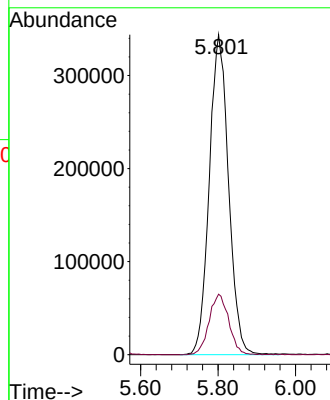
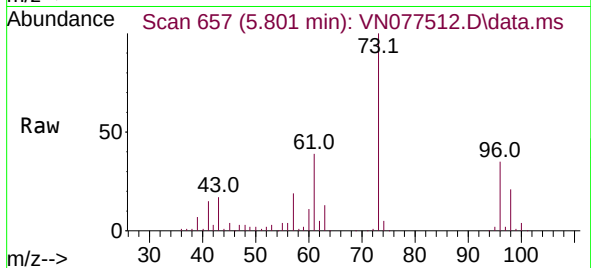
57 18.9 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#20

Methylene Chloride

Concen: 45.939 ug/l

RT: 5.284 min Scan# 569

Delta R.T. -0.006 min

Lab File: VN077512.D

Acq: 29 Apr 2023 11:00

Tgt Ion: 84 Resp: 390018

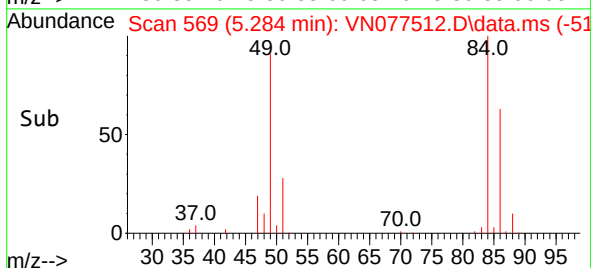
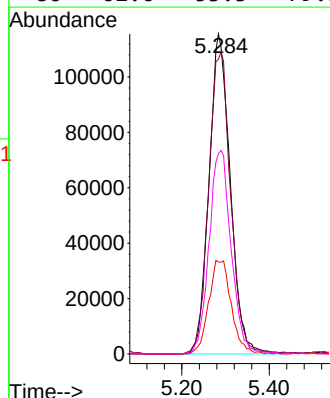
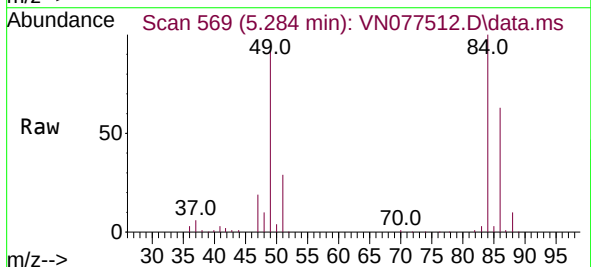
Ion Ratio Lower Upper

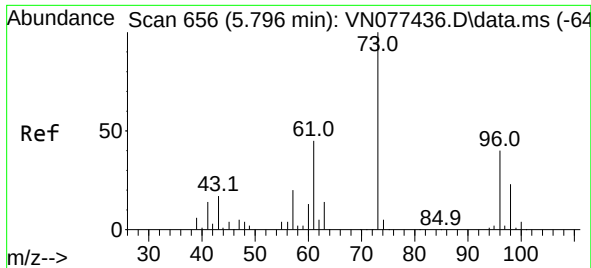
84 100

49 92.1 79.7 119.5

51 28.7 25.2 37.8

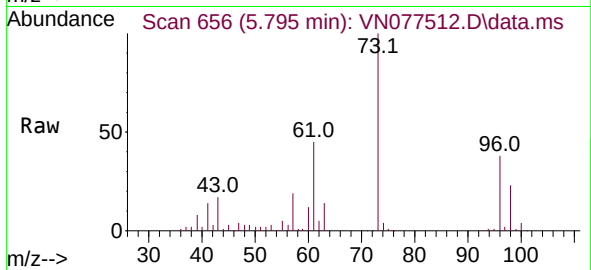
86 62.6 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 48.926 ug/l
RT: 5.795 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

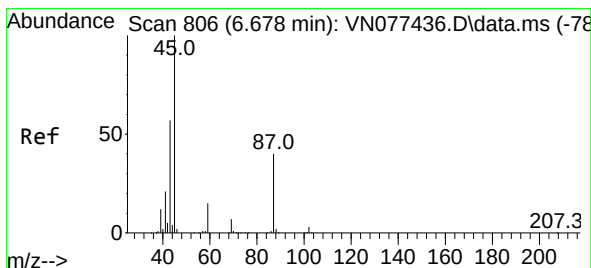
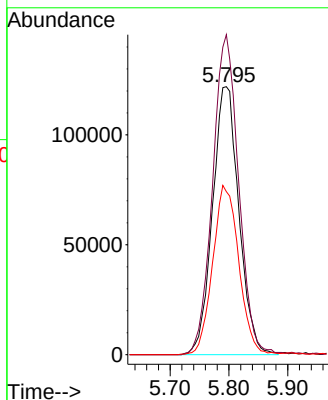
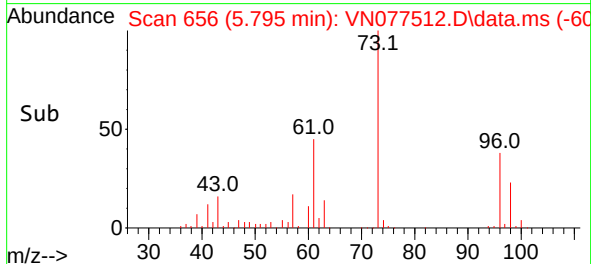
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



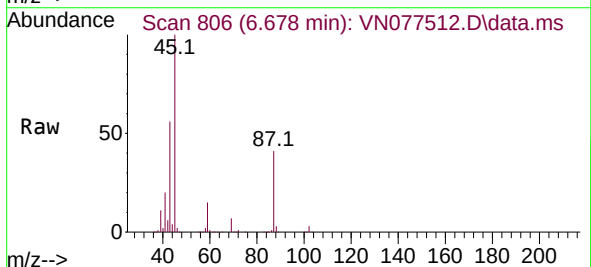
Tgt Ion: 96 Resp: 380738
Ion Ratio Lower Upper
96 100
61 119.4 90.1 135.1
98 60.8 46.4 69.6

Manual Integrations
APPROVED

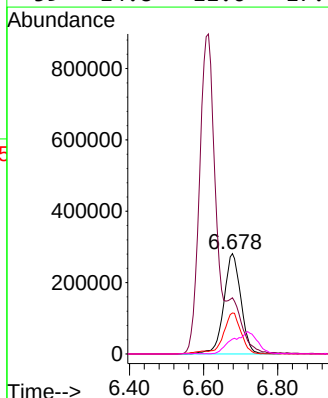
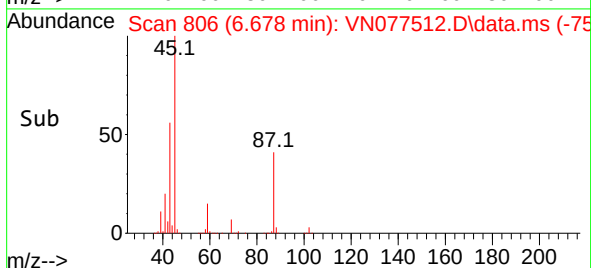
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

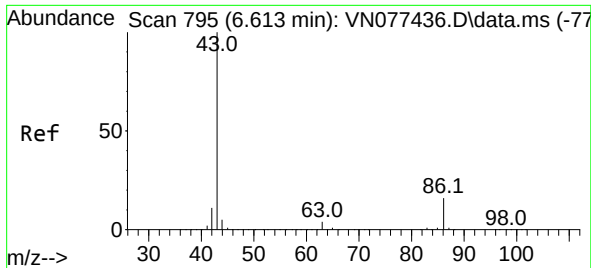


#22
Diisopropyl ether
Concen: 48.828 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00



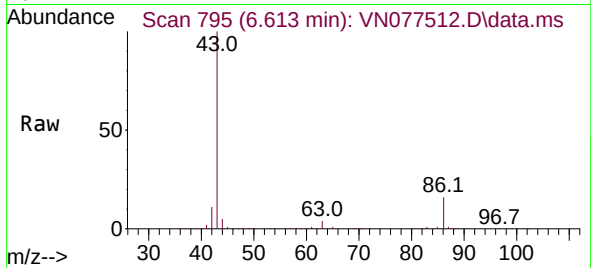
Tgt Ion: 45 Resp: 896633
Ion Ratio Lower Upper
45 100
43 55.9 45.5 68.3
87 40.7 31.8 47.8
59 14.8 11.6 17.4





#23
 Vinyl Acetate
 Concen: 232.998 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077512.D
 Acq: 29 Apr 2023 11:00

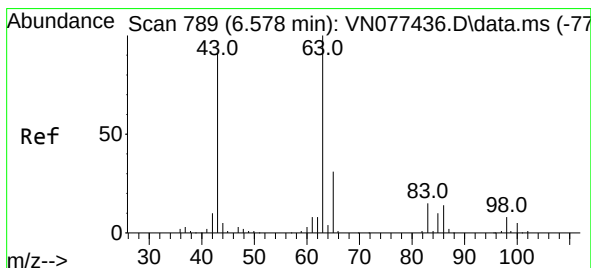
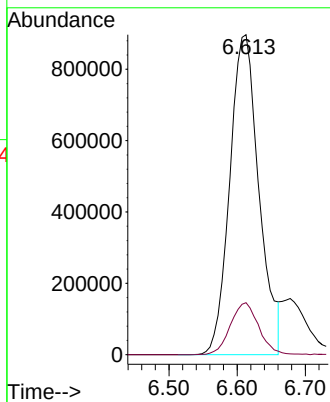
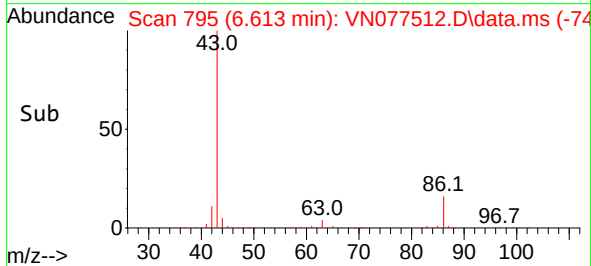
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



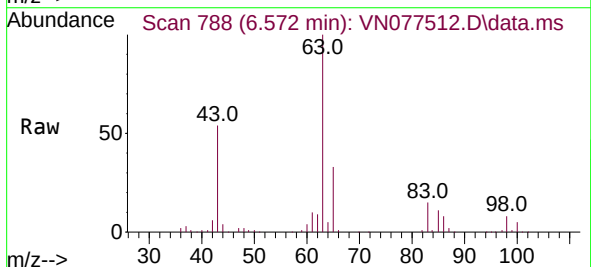
Tgt Ion: 43 Resp: 2672040
 Ion Ratio Lower Upper
 43 100
 86 16.2 13.0 19.6

Manual Integrations
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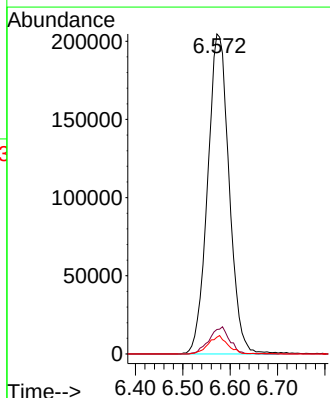
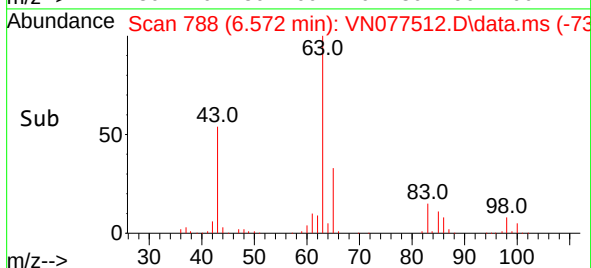
Reviewed By :John Carlone 05/01/2023
 Supervised By :Mahesh Dadoda 05/01/2023

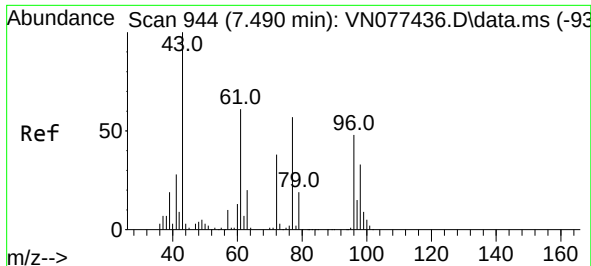


#24
 1,1-Dichloroethane
 Concen: 49.677 ug/l
 RT: 6.572 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: VN077512.D
 Acq: 29 Apr 2023 11:00



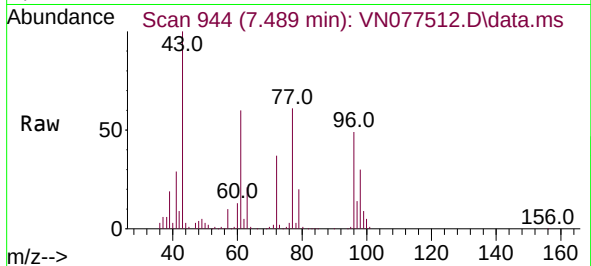
Tgt Ion: 63 Resp: 645726
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.7
 100 5.2 2.5 7.4





#25
2-Butanone
Concen: 245.917 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

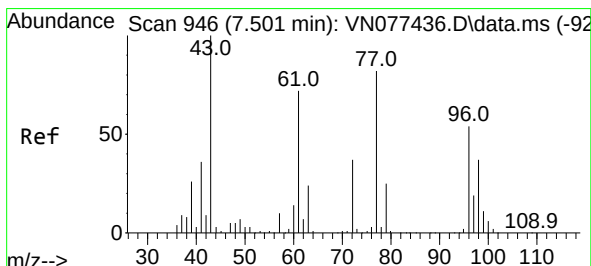
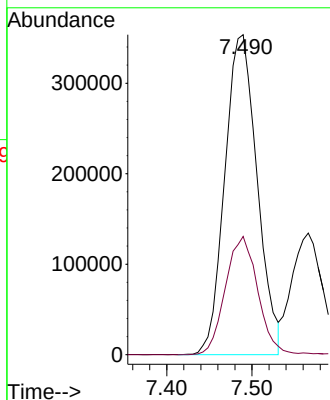
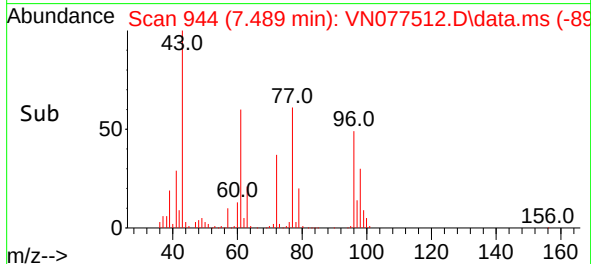
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



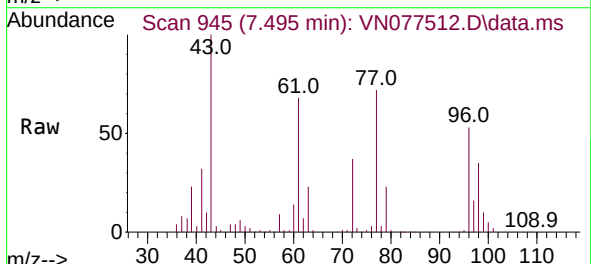
Tgt Ion: 43 Resp: 933750
Ion Ratio Lower Upper
43 100
72 37.0 30.2 45.2

Manual Integrations
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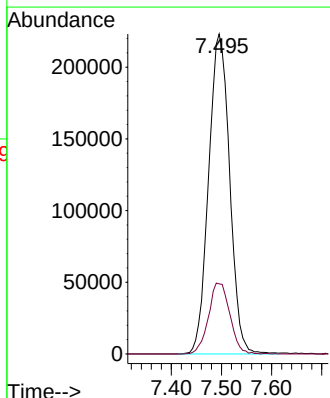
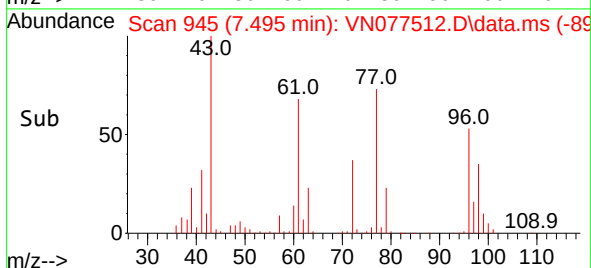
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

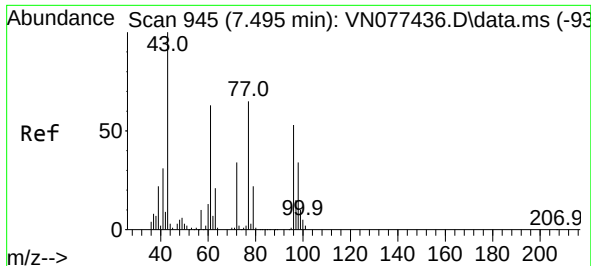


#26
2,2-Dichloropropane
Concen: 51.645 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00



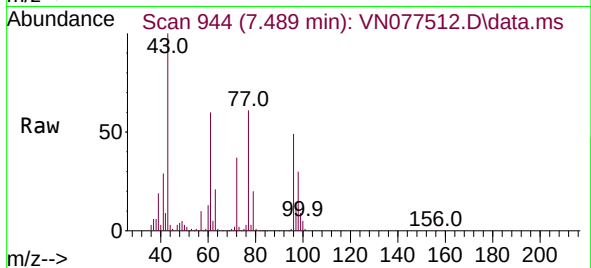
Tgt Ion: 77 Resp: 650914
Ion Ratio Lower Upper
77 100
97 22.5 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 49.457 ug/l
 RT: 7.489 min Scan# 945
 Delta R.T. -0.006 min
 Lab File: VN077512.D
 Acq: 29 Apr 2023 11:00

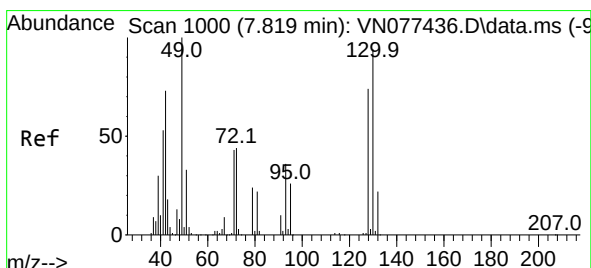
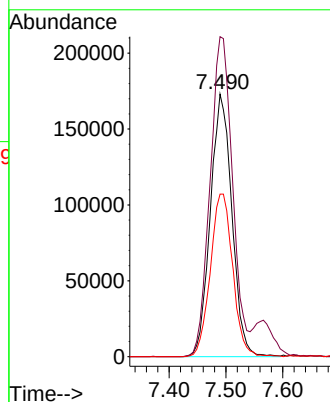
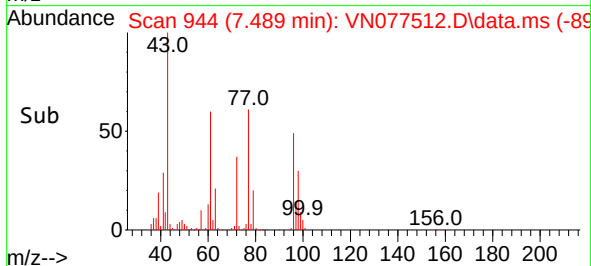
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 455804
 Ion Ratio Lower Upper
 96 100
 61 127.3 0.0 255.2
 98 64.3 0.0 128.8

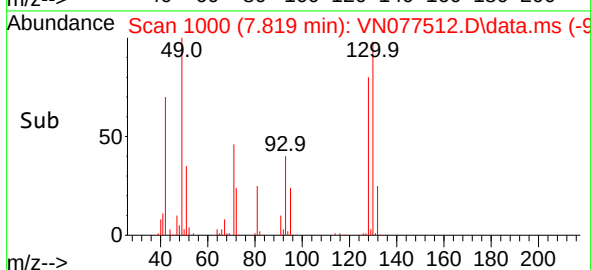
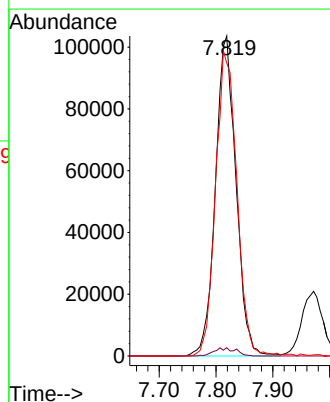
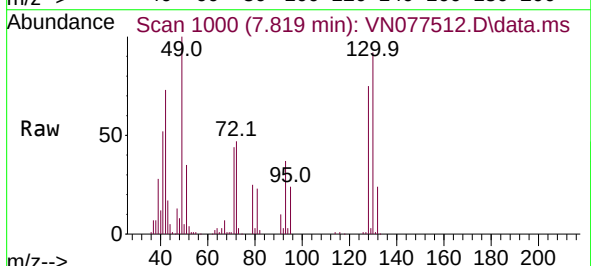
Manual Integrations
 APPROVED

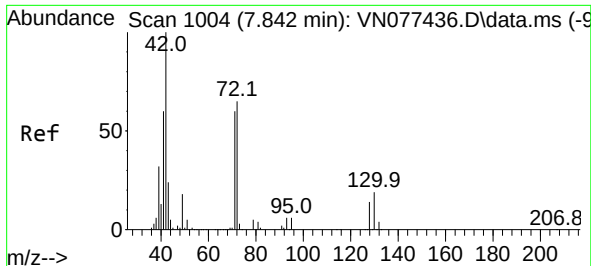
Reviewed By :John Carlone 05/01/2023
 Supervised By :Mahesh Dadoda 05/01/2023



#28
 Bromochloromethane
 Concen: 52.357 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077512.D
 Acq: 29 Apr 2023 11:00

Tgt Ion: 49 Resp: 259888
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 4.8
 130 98.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 217.170 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VN077512.D

Acq: 29 Apr 2023 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 51665

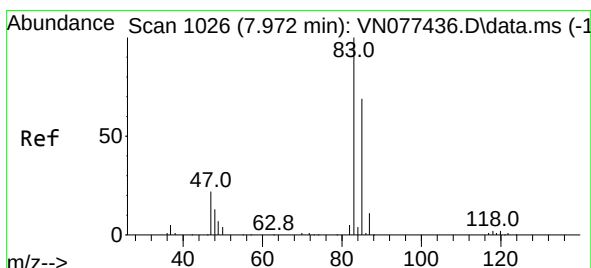
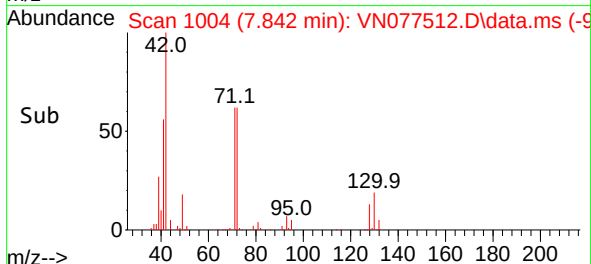
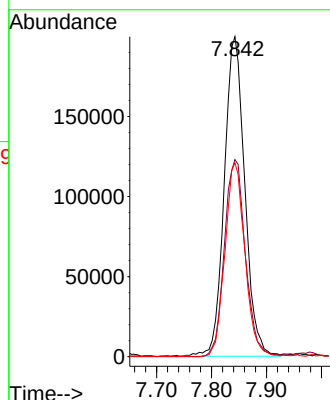
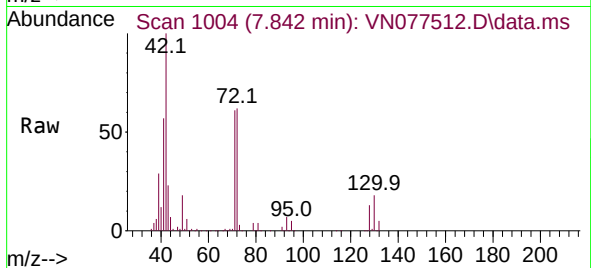
Ion	Ratio	Lower	Upper
42	100		
72	63.3	49.8	74.6
71	59.1	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#30

Chloroform

Concen: 51.171 ug/l

RT: 7.972 min Scan# 1026

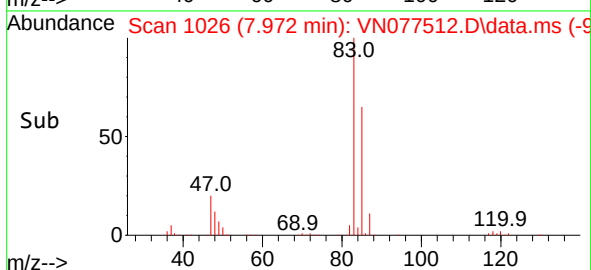
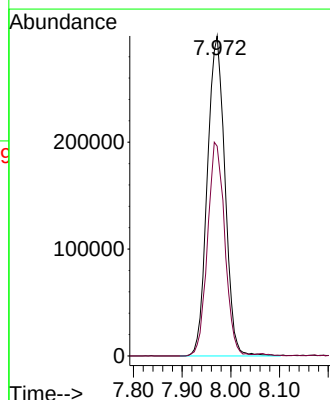
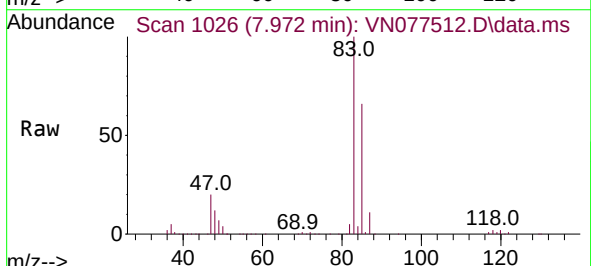
Delta R.T. -0.000 min

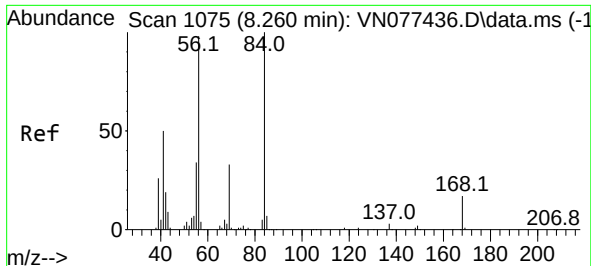
Lab File: VN077512.D

Acq: 29 Apr 2023 11:00

Tgt Ion: 83 Resp: 749597

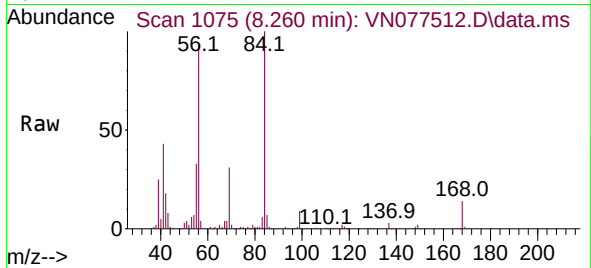
Ion	Ratio	Lower	Upper
83	100		
85	65.6	55.4	83.0





#31
Cyclohexane
Concen: 44.358 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

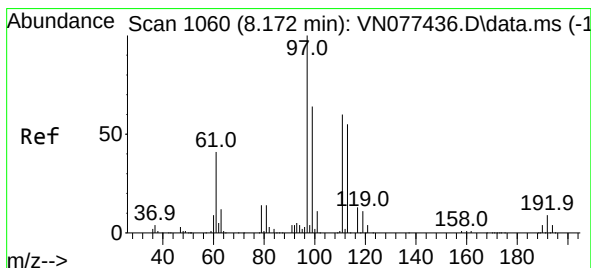
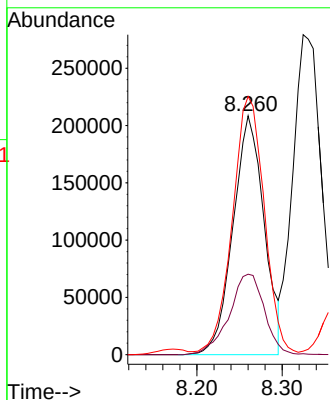
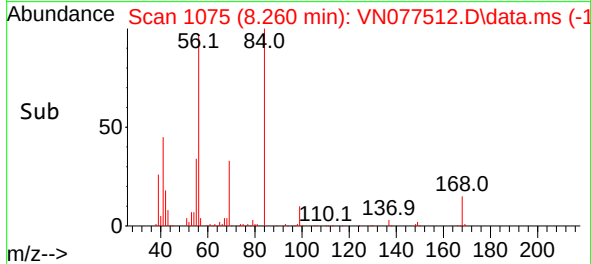
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 528772
Ion Ratio Lower Upper
56 100
69 33.7 26.8 40.2
84 105.9 81.8 122.6

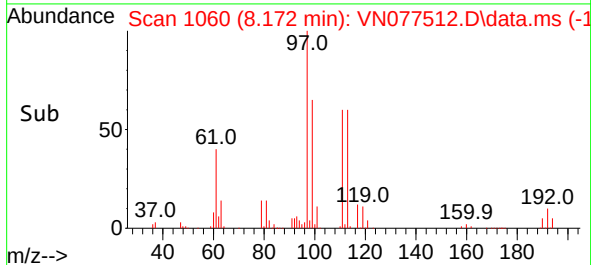
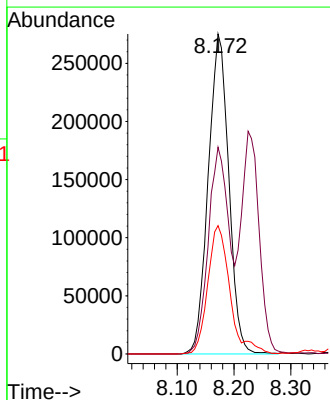
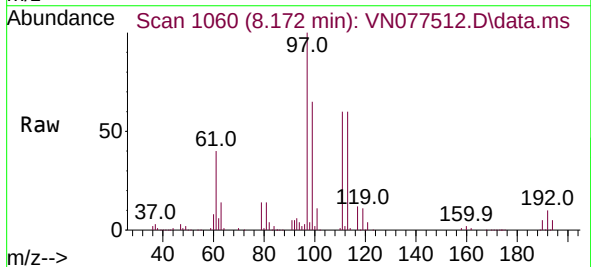
Manual Integrations
APPROVED

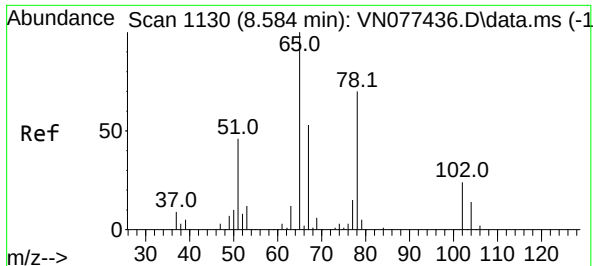
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#32
1,1,1-Trichloroethane
Concen: 51.224 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

Tgt Ion: 97 Resp: 689880
Ion Ratio Lower Upper
97 100
99 65.5 50.3 75.5
61 43.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 54.027 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077512.D

Acq: 29 Apr 2023 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 45463

Ion Ratio Lower Upper

65 100

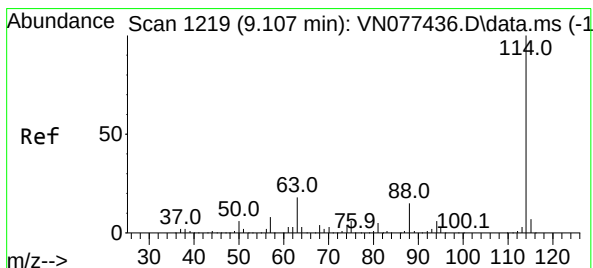
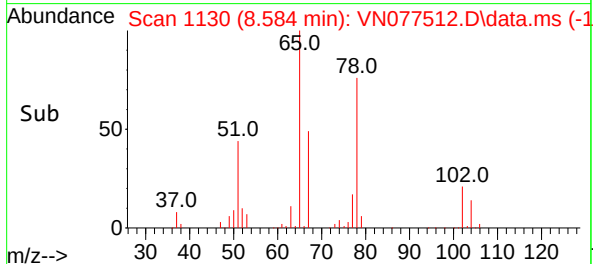
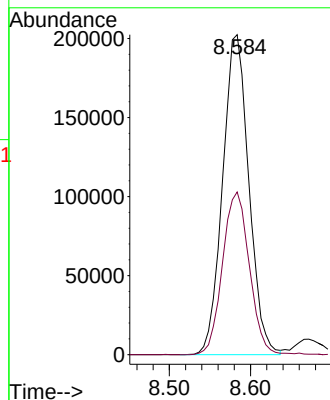
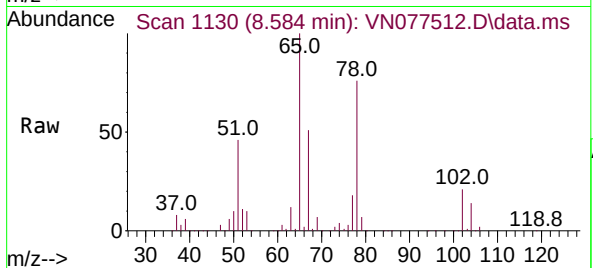
67 52.2 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN077512.D

Acq: 29 Apr 2023 11:00

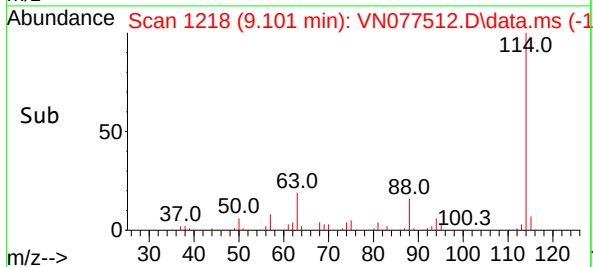
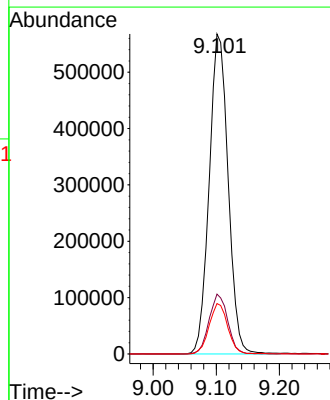
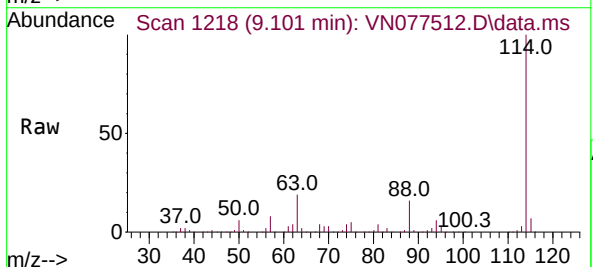
Tgt Ion:114 Resp: 1181564

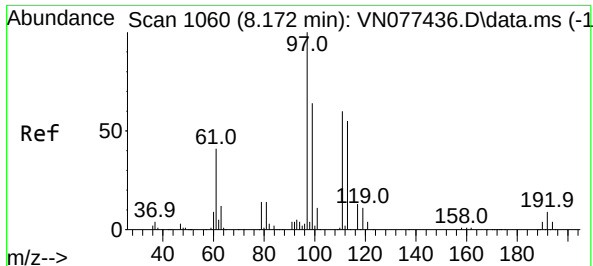
Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.4

88 15.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.732 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077512.D

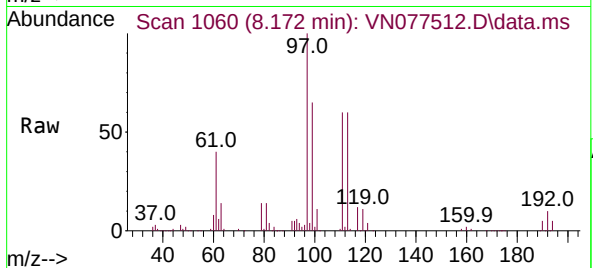
Acq: 29 Apr 2023 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 113 Resp: 38868

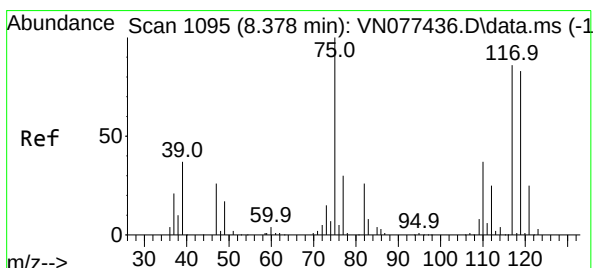
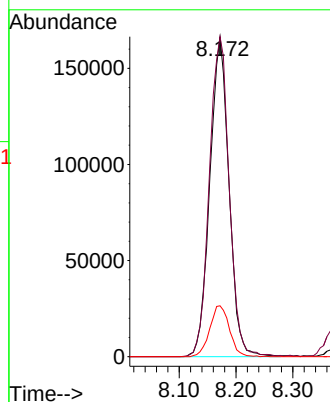
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.6	123.8
192	16.4	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#36

1,1-Dichloropropene

Concen: 51.496 ug/l

RT: 8.378 min Scan# 1095

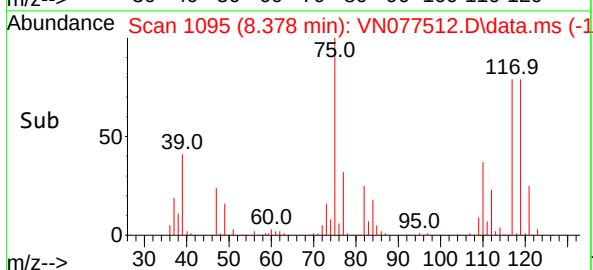
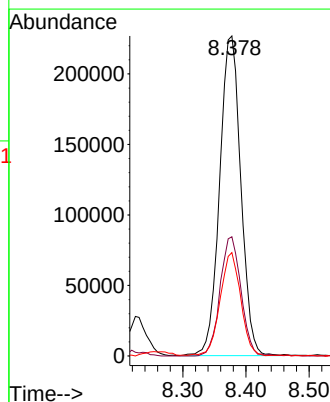
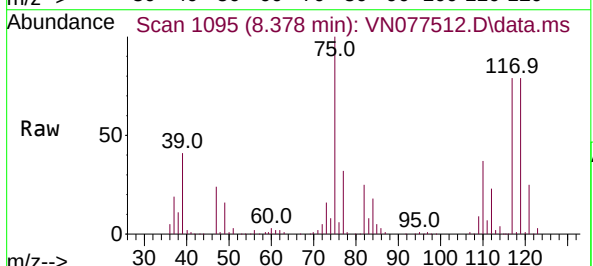
Delta R.T. -0.000 min

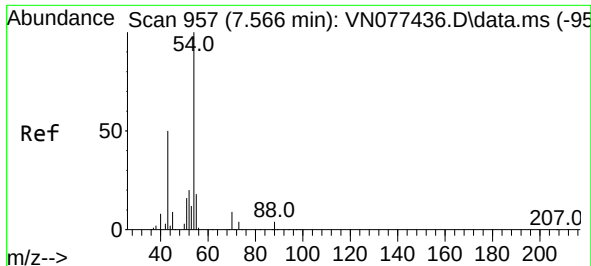
Lab File: VN077512.D

Acq: 29 Apr 2023 11:00

Tgt Ion: 75 Resp: 528346

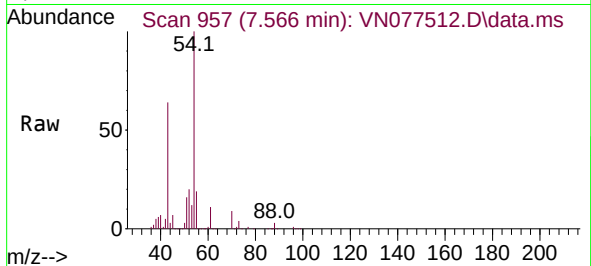
Ion	Ratio	Lower	Upper
75	100		
110	36.8	19.1	57.3
77	31.2	25.0	37.4





#37
Ethyl Acetate
Concen: 45.246 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

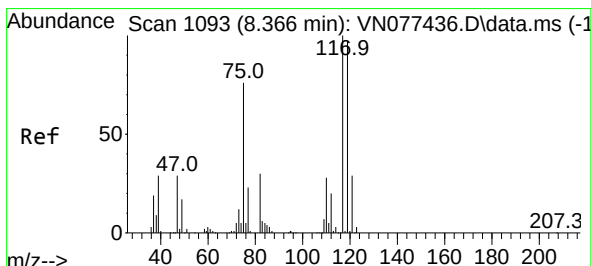
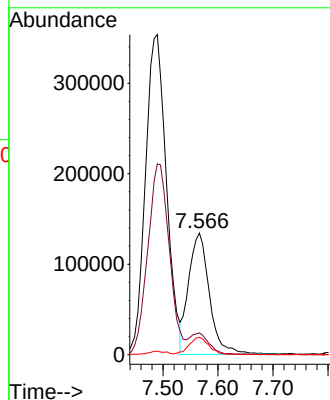
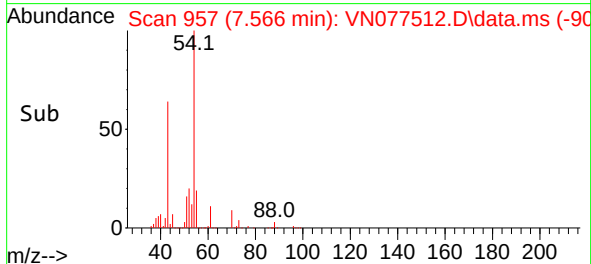
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 35275
Ion Ratio Lower Upper
43 100
61 15.7 13.2 19.8
70 13.5 11.3 16.9

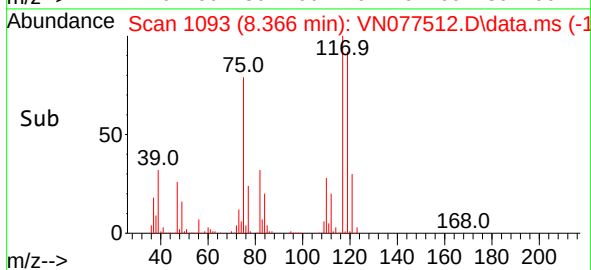
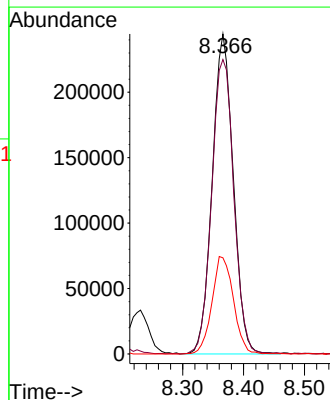
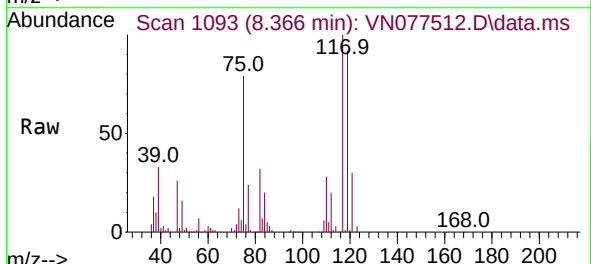
Manual Integrations
APPROVED

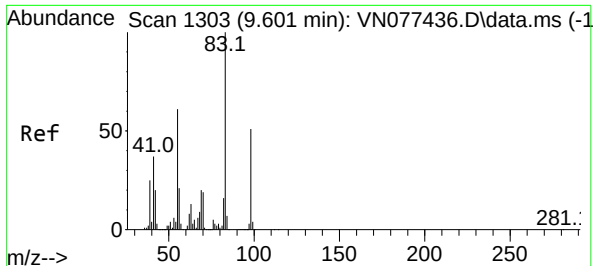
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#38
Carbon Tetrachloride
Concen: 51.800 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

Tgt Ion:117 Resp: 586381
Ion Ratio Lower Upper
117 100
119 92.0 77.3 115.9
121 30.0 23.3 34.9





#39

Methylcyclohexane

Concen: 52.439 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. -0.000 min

Lab File: VN077512.D

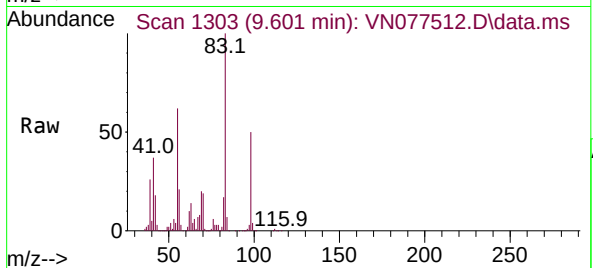
Acq: 29 Apr 2023 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 83 Resp: 708859

Ion Ratio Lower Upper

83 100

55 61.8 49.1 73.7

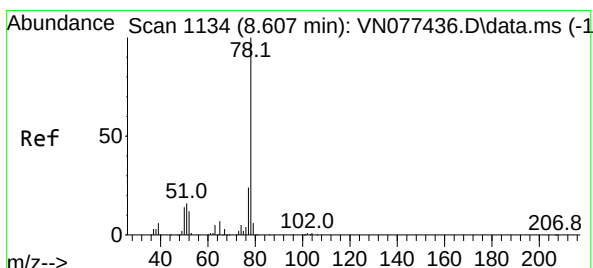
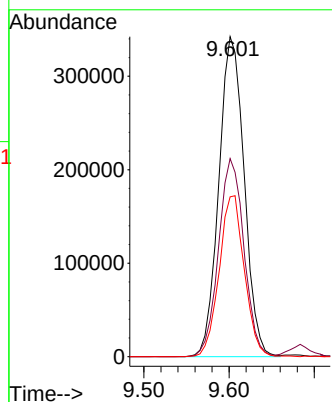
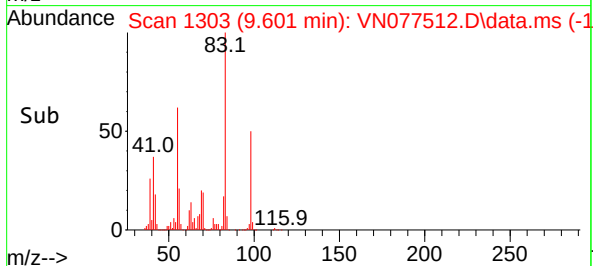
98 49.9 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#40

Benzene

Concen: 51.437 ug/l

RT: 8.607 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VN077512.D

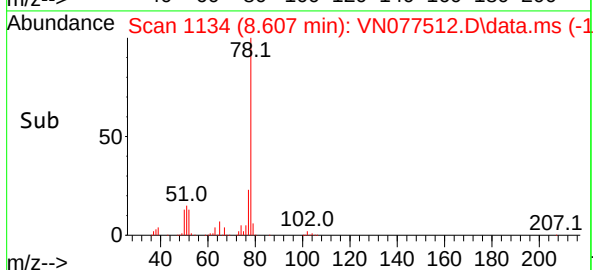
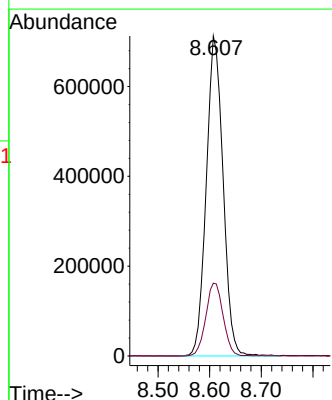
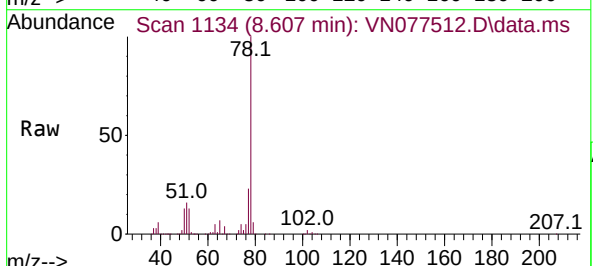
Acq: 29 Apr 2023 11:00

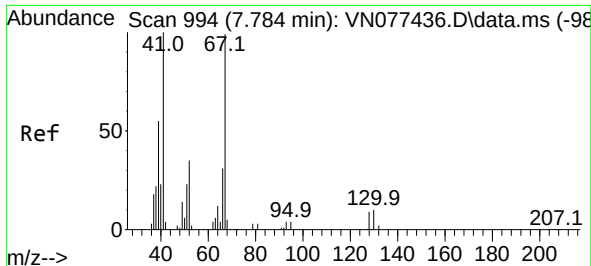
Tgt Ion: 78 Resp: 1607709

Ion Ratio Lower Upper

78 100

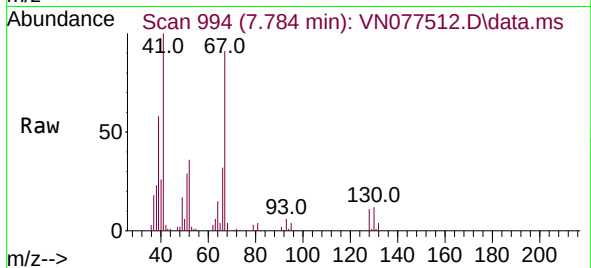
77 22.7 19.0 28.6





#41
Methacrylonitrile
Concen: 48.604 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

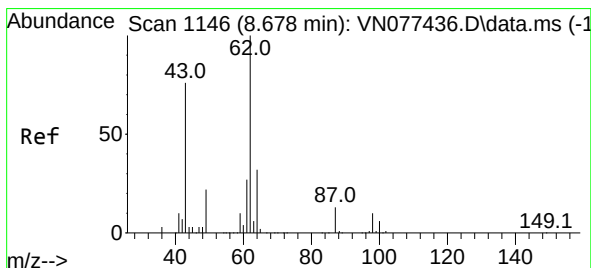
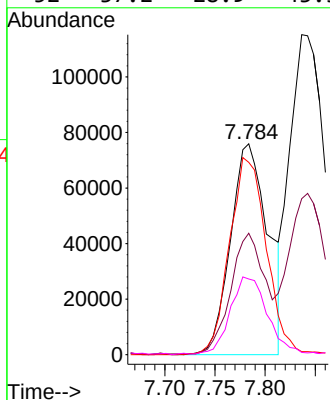
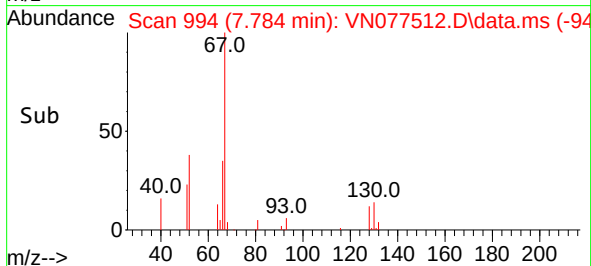
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



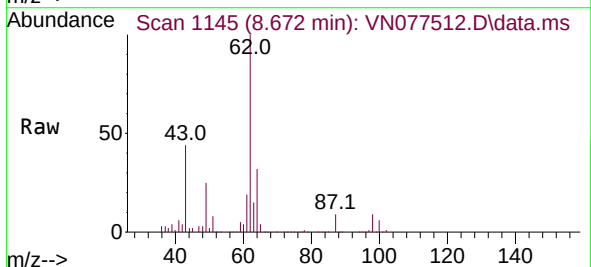
Tgt Ion: 41 Resp: 197364
Ion Ratio Lower Upper
41 100
39 52.3 42.6 64.0
67 92.3 77.5 116.3
52 37.2 28.9 43.3

Manual Integrations
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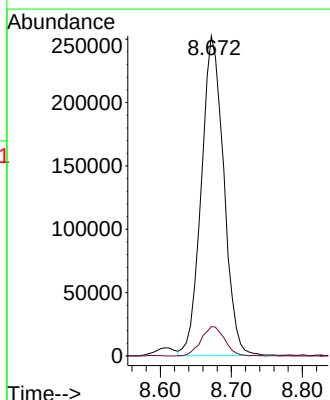
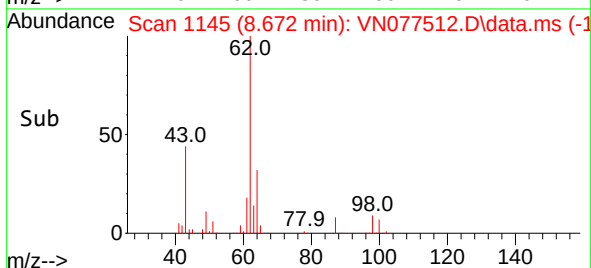
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

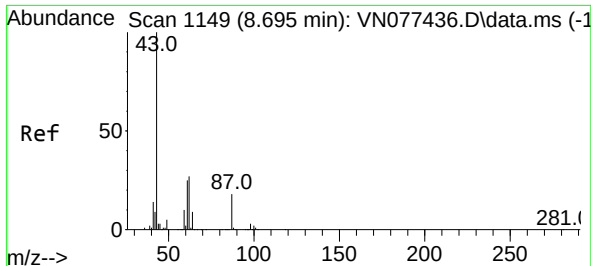


#42
1,2-Dichloroethane
Concen: 51.536 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00



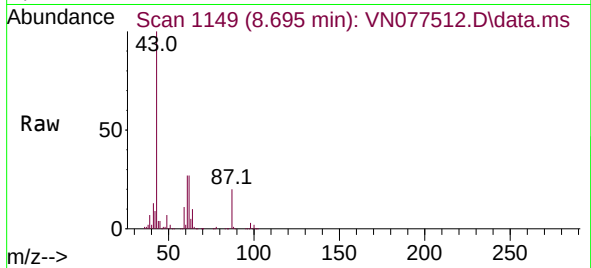
Tgt Ion: 62 Resp: 553250
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.8





#43
Isopropyl Acetate
Concen: 46.752 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

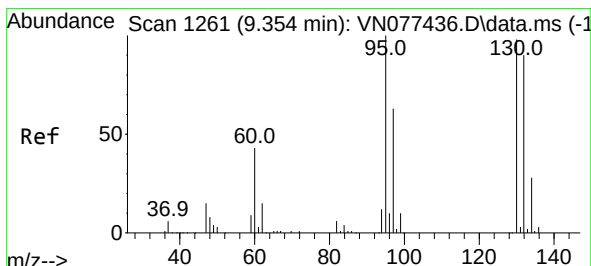
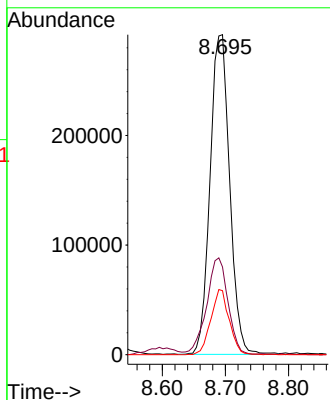
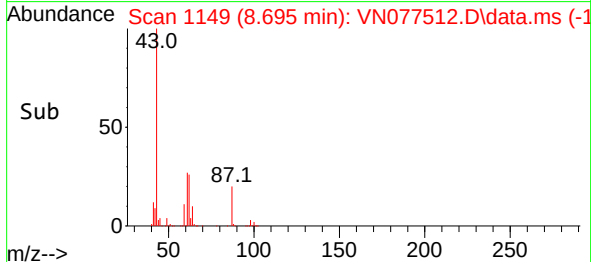
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 630584
Ion Ratio Lower Upper
43 100
61 32.7 24.7 37.1
87 19.1 14.6 21.8

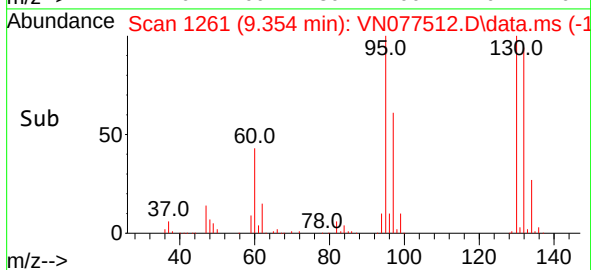
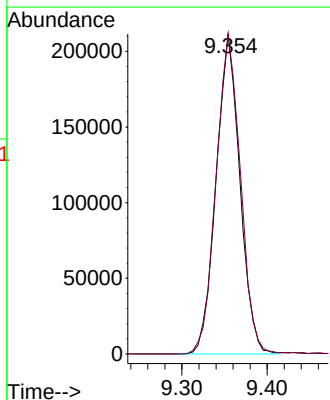
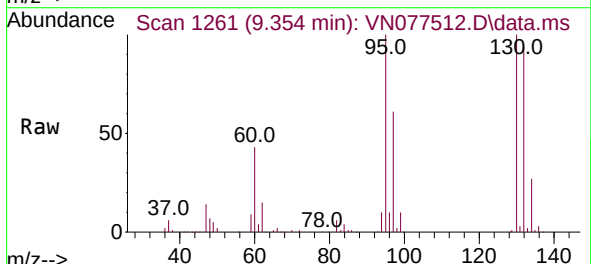
Manual Integrations
APPROVED

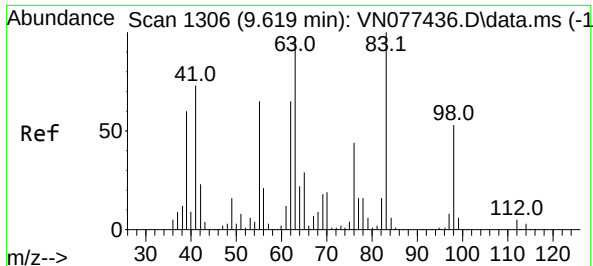
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#44
Trichloroethene
Concen: 51.093 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

Tgt Ion:130 Resp: 408885
Ion Ratio Lower Upper
130 100
95 100.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 52.532 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VN077512.D

Acq: 29 Apr 2023 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 384610

Ion Ratio Lower Upper

63 100

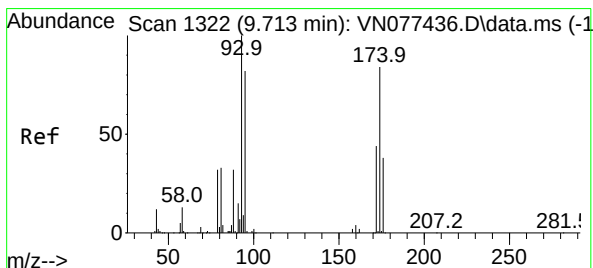
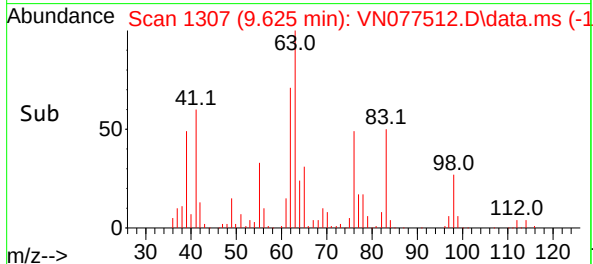
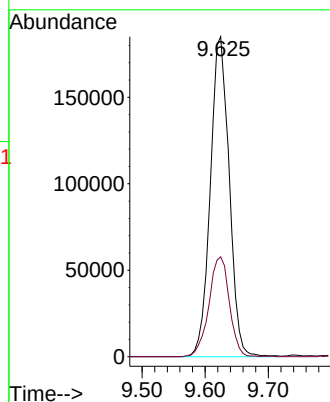
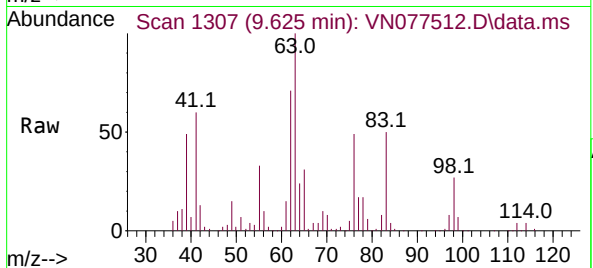
65 31.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#46

Dibromomethane

Concen: 50.236 ug/l

RT: 9.707 min Scan# 1321

Delta R.T. -0.006 min

Lab File: VN077512.D

Acq: 29 Apr 2023 11:00

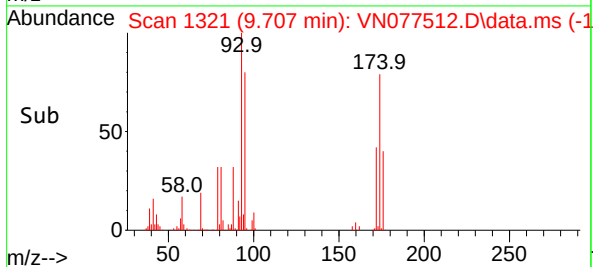
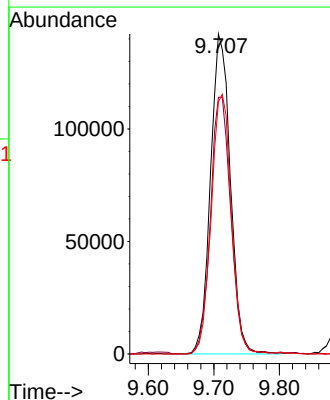
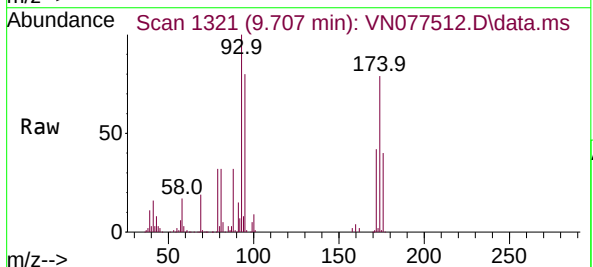
Tgt Ion: 93 Resp: 298441

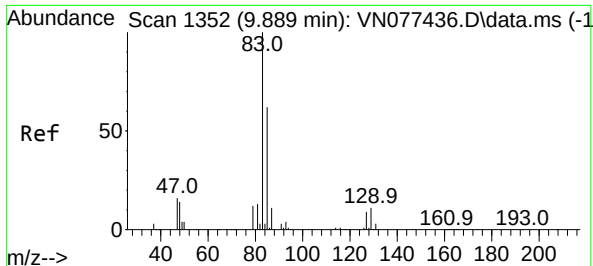
Ion Ratio Lower Upper

93 100

95 81.9 63.8 95.8

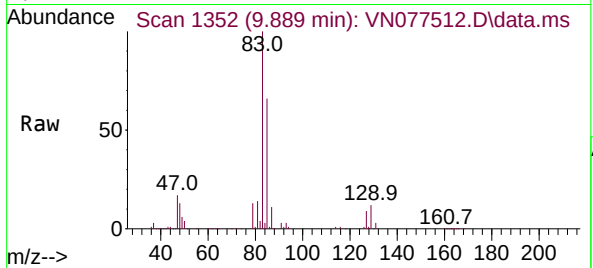
174 82.3 65.6 98.4





#47
Bromodichloromethane
Concen: 53.329 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

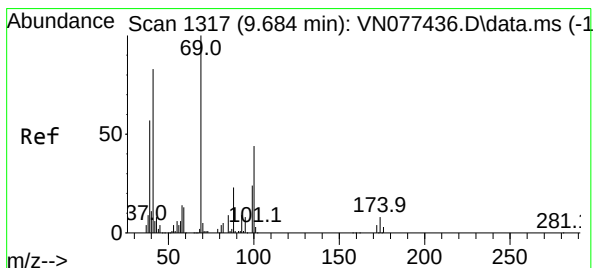
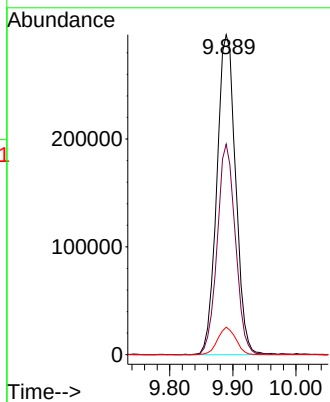
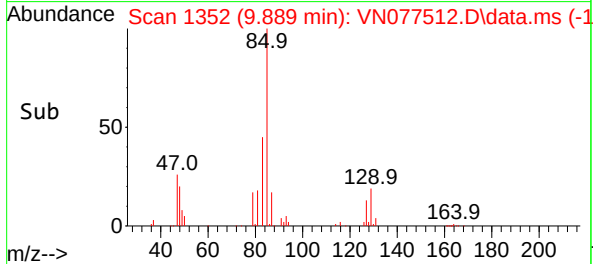
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



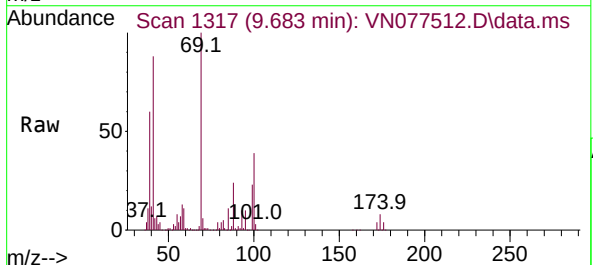
Tgt Ion: 83 Resp: 612824
Ion Ratio Lower Upper
83 100
85 65.8 49.6 74.4
127 8.6 7.0 10.6

Manual Integrations
APPROVED

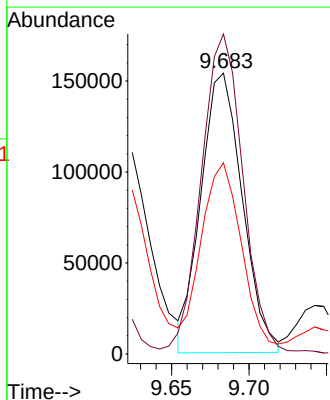
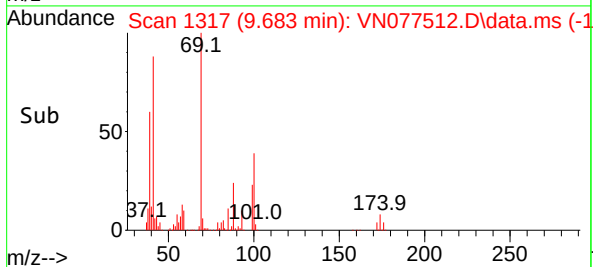
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

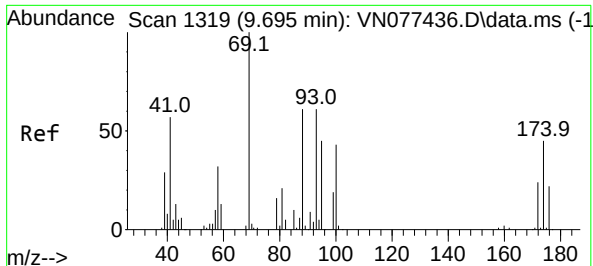


#48
Methyl methacrylate
Concen: 46.558 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00



Tgt Ion: 41 Resp: 285844
Ion Ratio Lower Upper
41 100
69 115.1 90.4 135.6
39 68.0 54.6 81.8





#49

1,4-Dioxane

Concen: 892.512 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077512.D

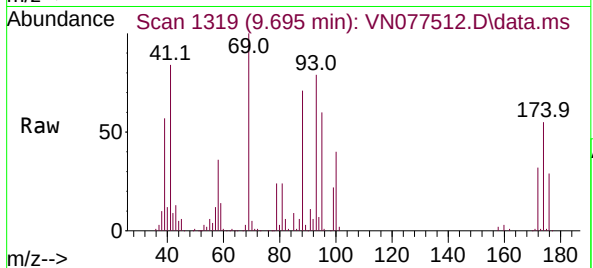
Acq: 29 Apr 2023 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 88 Resp: 137440

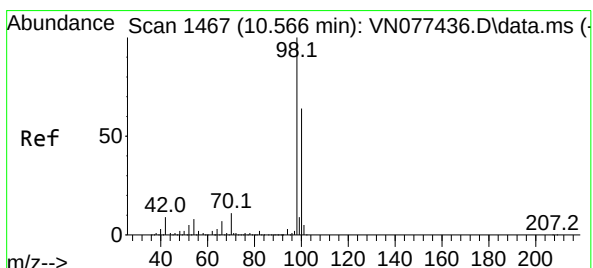
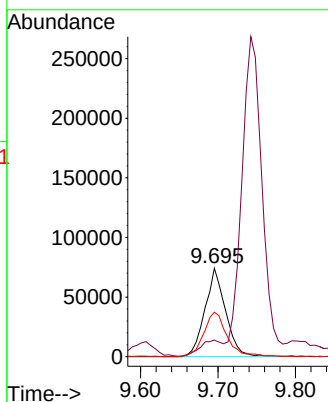
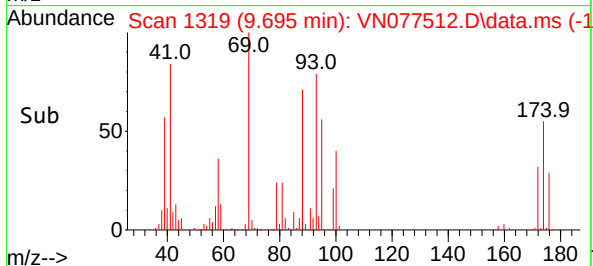
Ion	Ratio	Lower	Upper
88	100		
43	19.8	17.0	25.6
58	56.7	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#50

Toluene-d8

Concen: 56.976 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. -0.000 min

Lab File: VN077512.D

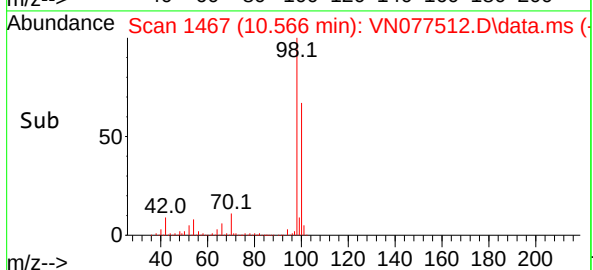
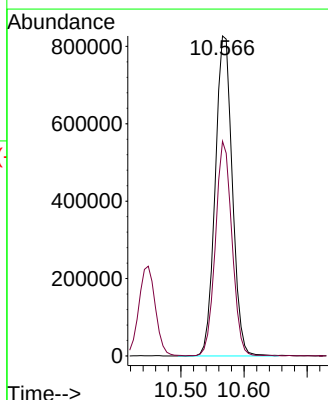
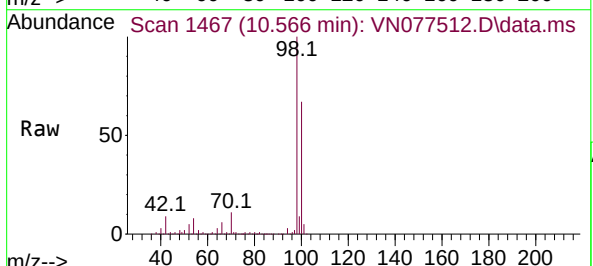
Acq: 29 Apr 2023 11:00

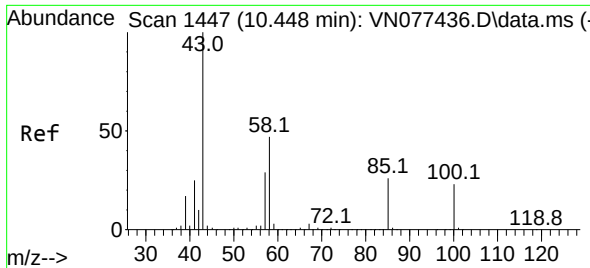
Tgt Ion: 98 Resp: 1550775

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0





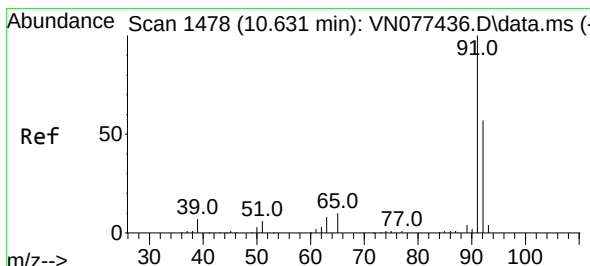
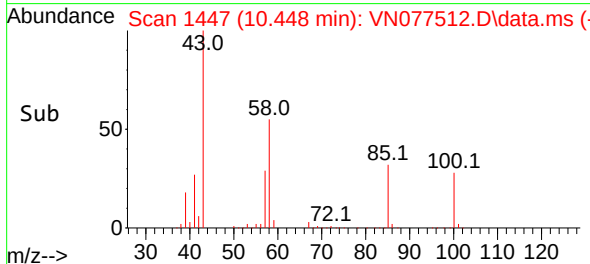
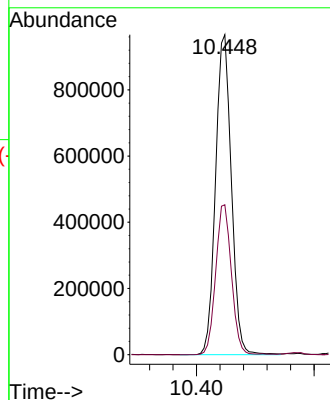
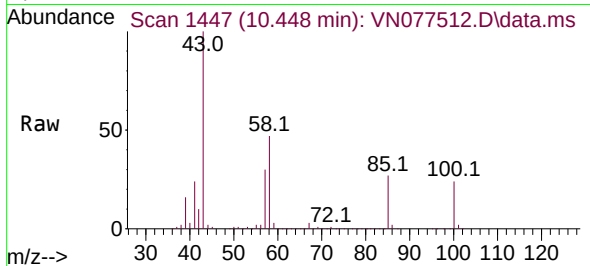
#51
4-Methyl-2-Pentanone
Concen: 227.559 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1800250
Ion Ratio Lower Upper
43 100
58 46.7 36.6 54.8

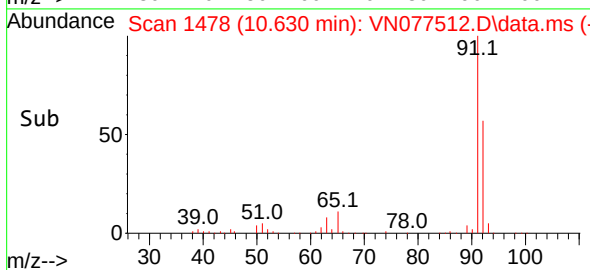
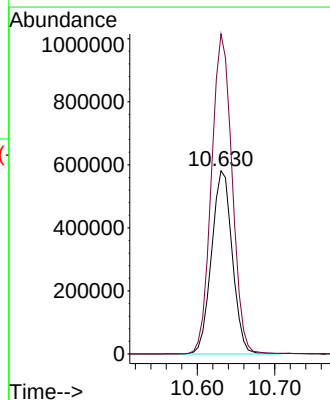
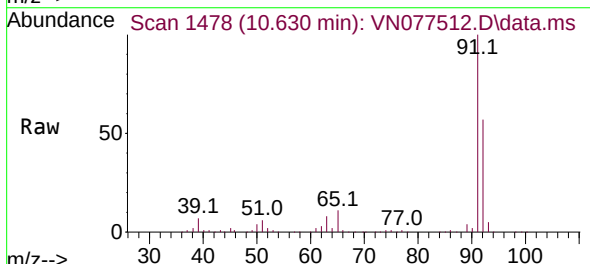
Manual Integrations
APPROVED

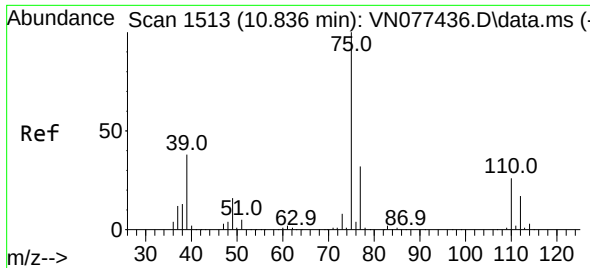
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#52
Toluene
Concen: 52.650 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

Tgt Ion: 92 Resp: 1078047
Ion Ratio Lower Upper
92 100
91 174.3 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 54.547 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

Instrument :

MSVOA_N

ClientSampleId :

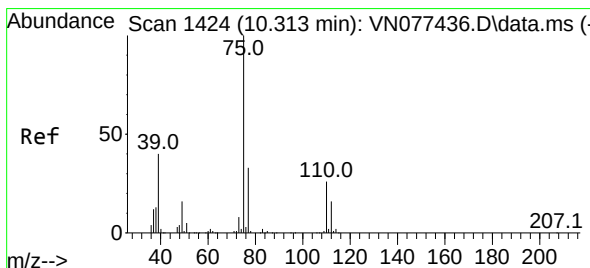
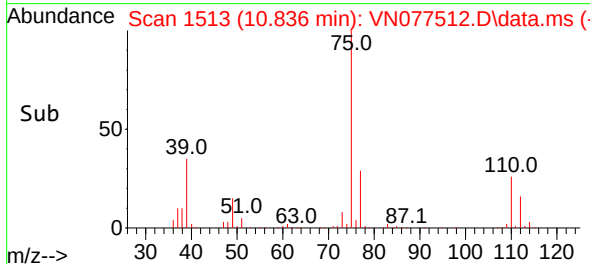
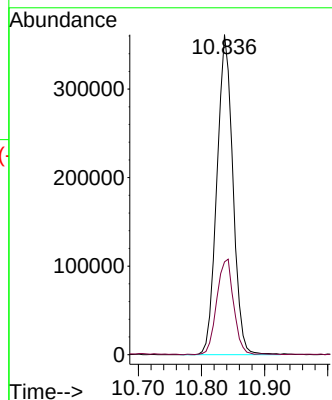
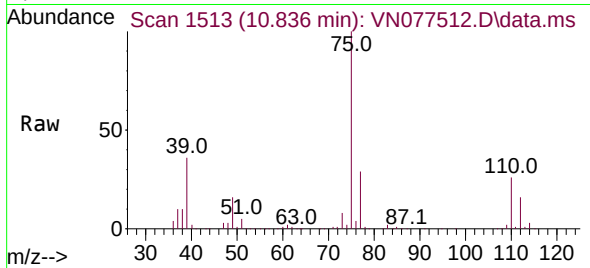
VSTDCCC050

Tgt Ion: 75 Resp: 634715
Ion Ratio Lower Upper
75 100
77 29.0 25.4 38.0

Manual Integrations

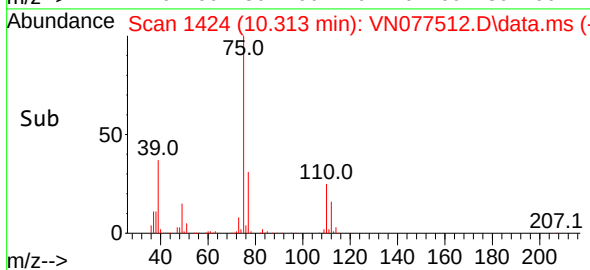
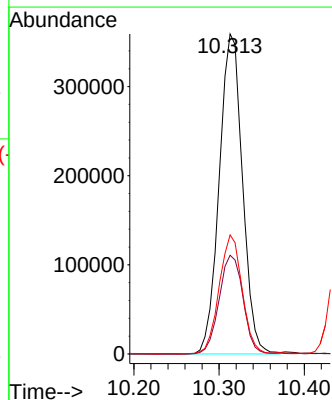
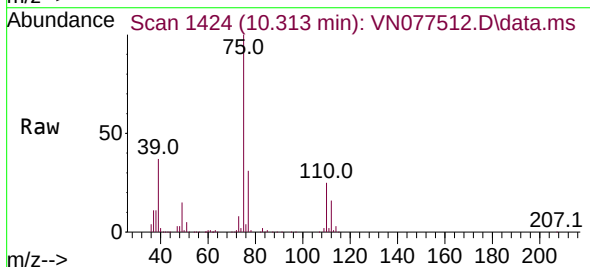
APPROVED

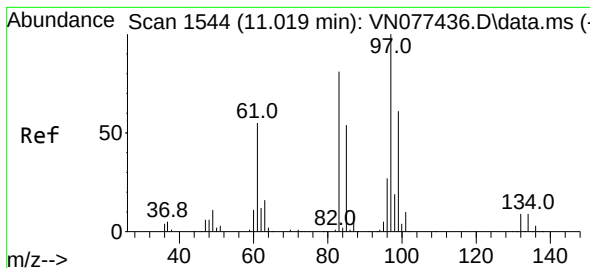
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#54
cis-1,3-Dichloropropene
Concen: 53.749 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

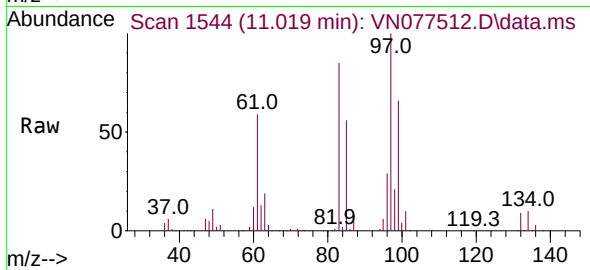
Tgt Ion: 75 Resp: 680764
Ion Ratio Lower Upper
75 100
77 30.8 26.1 39.1
39 37.2 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 50.659 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

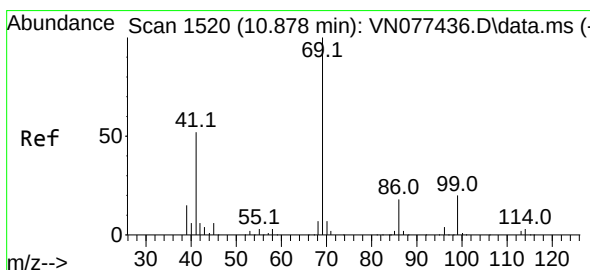
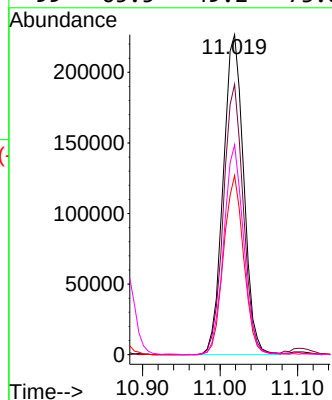
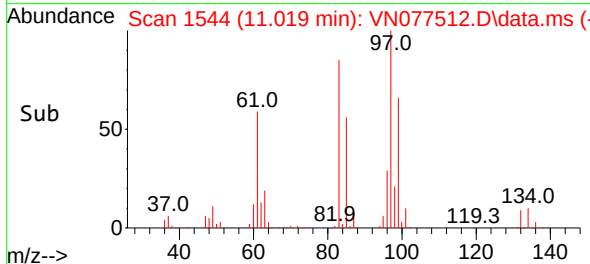
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



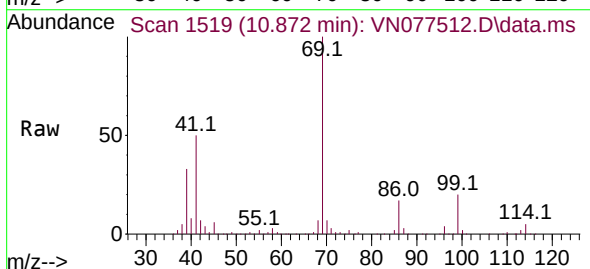
Tgt Ion: 97 Resp: 417115
Ion Ratio Lower Upper
97 100
83 84.5 65.1 97.7
85 56.0 43.4 65.2
99 65.5 49.2 73.8

Manual Integrations
APPROVED

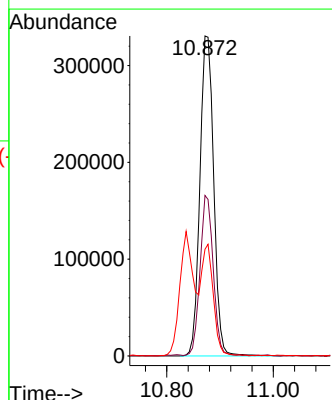
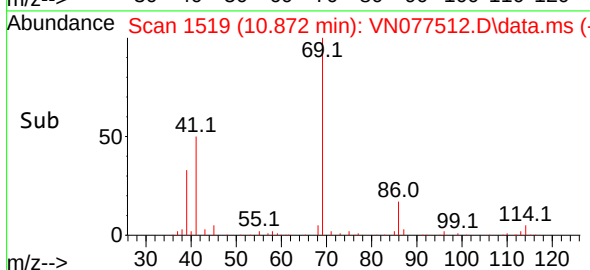
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

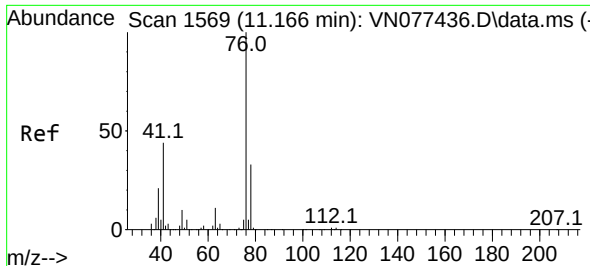


#56
Ethyl methacrylate
Concen: 51.513 ug/l
RT: 10.872 min Scan# 1519
Delta R.T. -0.006 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00



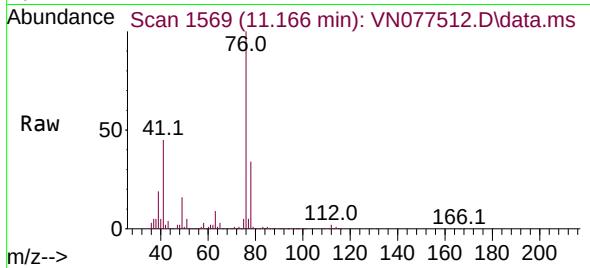
Tgt Ion: 69 Resp: 594328
Ion Ratio Lower Upper
69 100
41 47.5 39.6 59.4
39 29.1 28.6 43.0





#57
1,3-Dichloropropane
Concen: 52.065 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

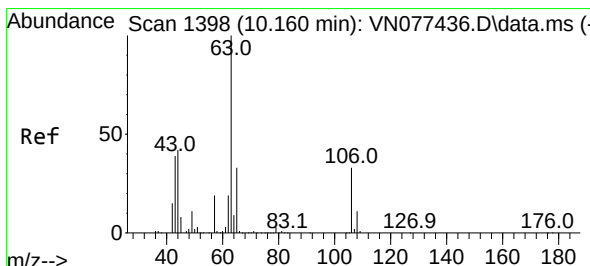
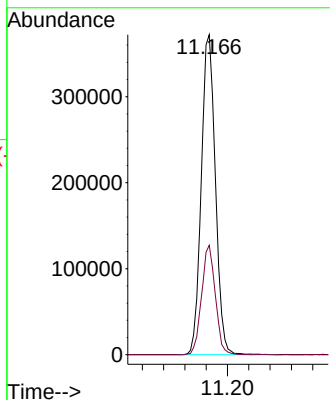
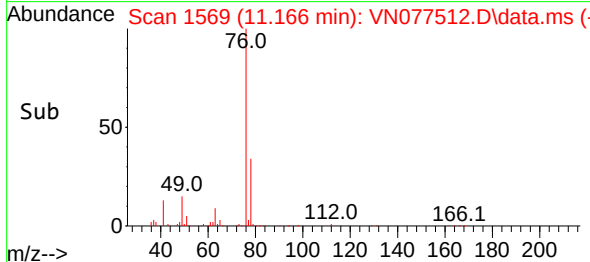
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 68285
Ion Ratio Lower Upper
76 100
78 33.3 26.1 39.1

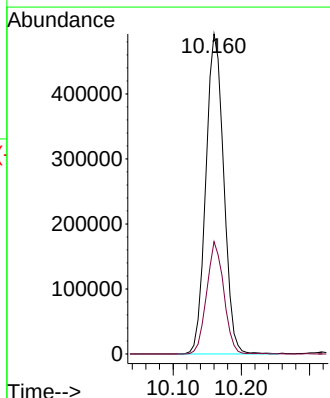
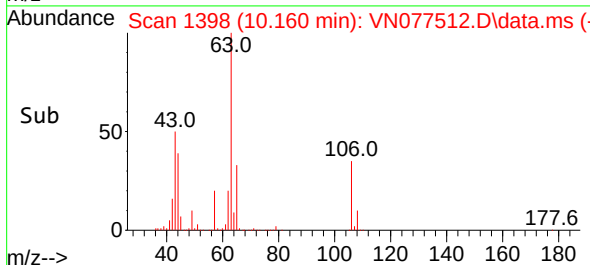
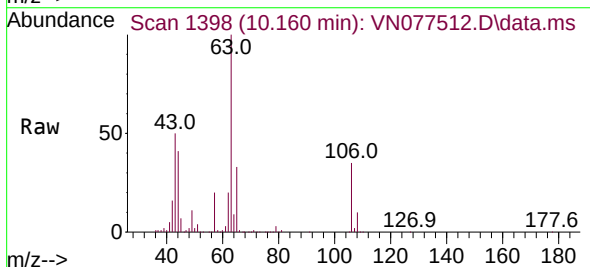
Manual Integrations
APPROVED

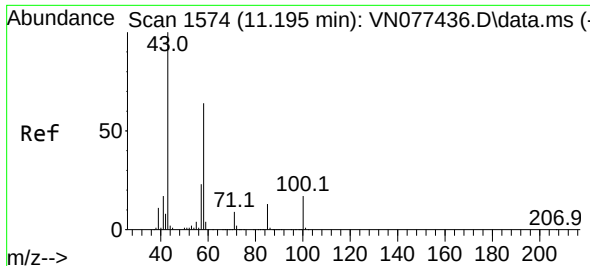
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#58
2-Chloroethyl Vinyl ether
Concen: 229.638 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

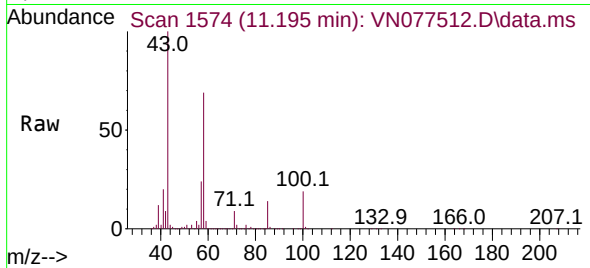
Tgt Ion: 63 Resp: 896136
Ion Ratio Lower Upper
63 100
106 33.7 26.2 39.4





#59
2-Hexanone
Concen: 241.798 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

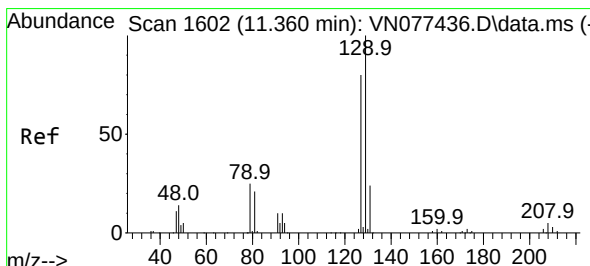
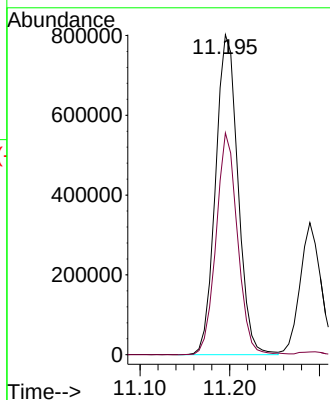
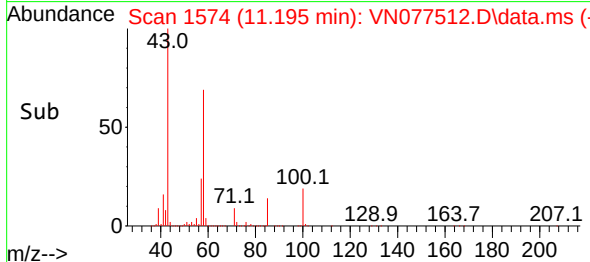
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1390470
Ion Ratio Lower Upper
43 100
58 66.2 31.7 95.1

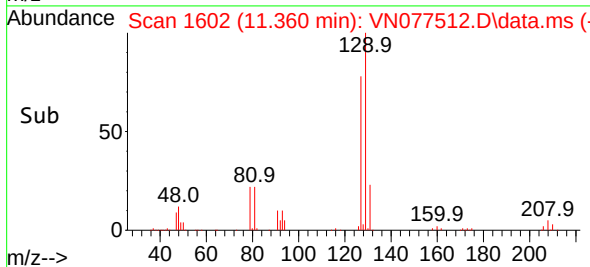
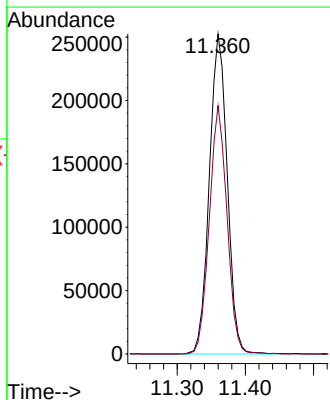
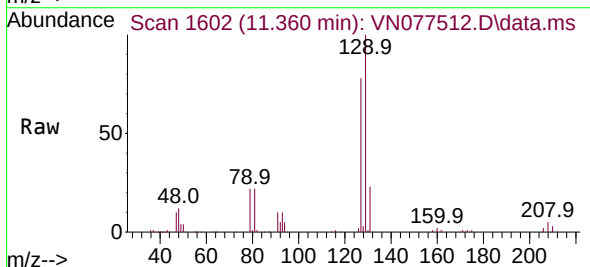
Manual Integrations
APPROVED

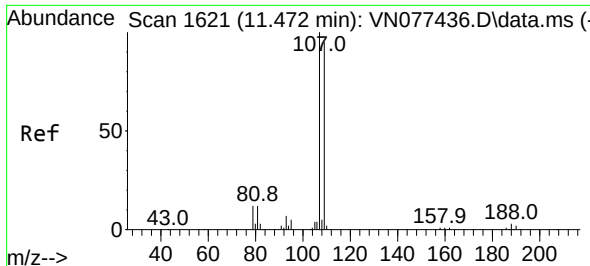
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#60
Dibromochloromethane
Concen: 53.999 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

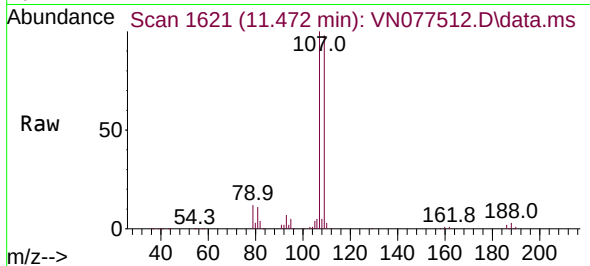
Tgt Ion:129 Resp: 461437
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 50.375 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

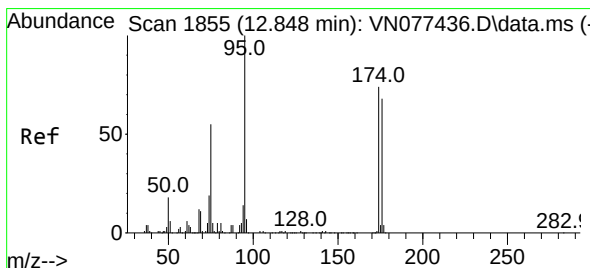
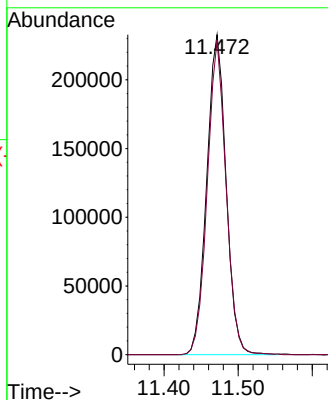
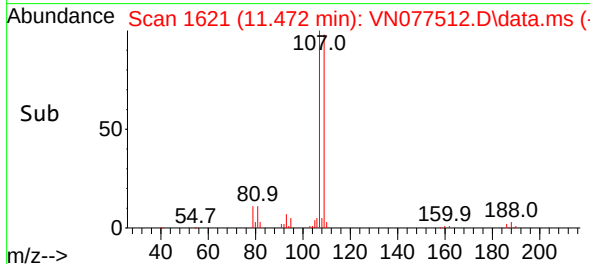
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



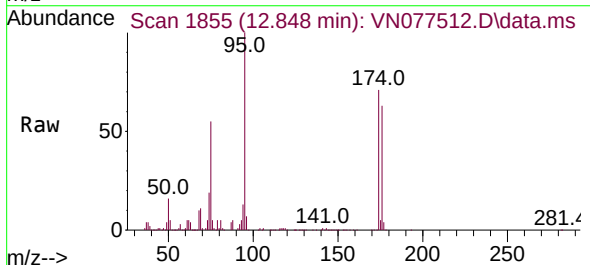
Tgt Ion:107 Resp: 423462
Ion Ratio Lower Upper
107 100
109 95.0 76.6 114.8

Manual Integrations
APPROVED

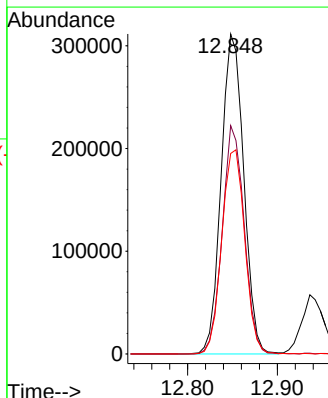
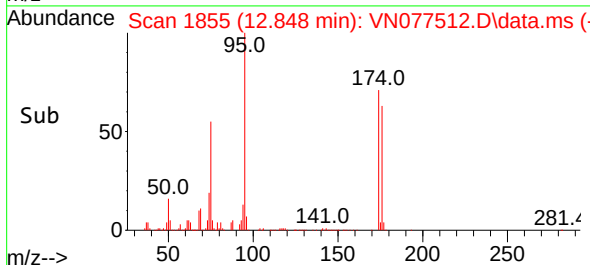
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

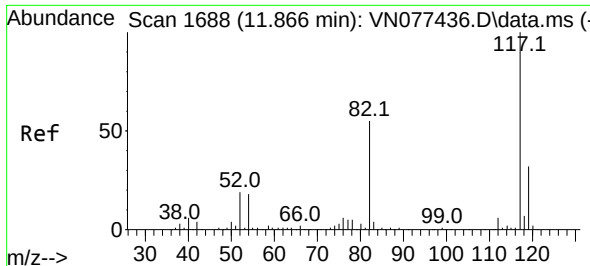


#62
4-Bromofluorobenzene
Concen: 61.113 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00



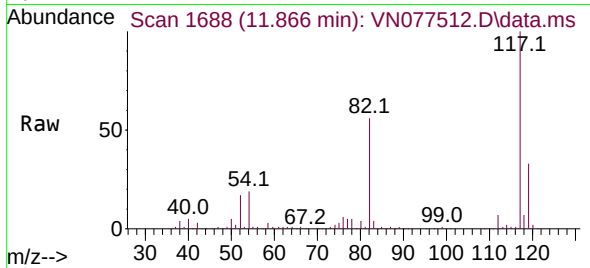
Tgt Ion: 95 Resp: 544213
Ion Ratio Lower Upper
95 100
174 69.2 0.0 143.8
176 65.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

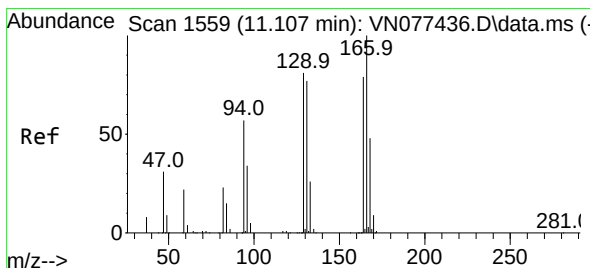
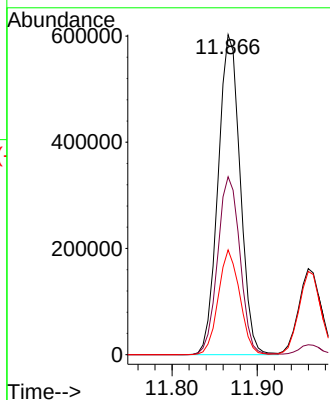
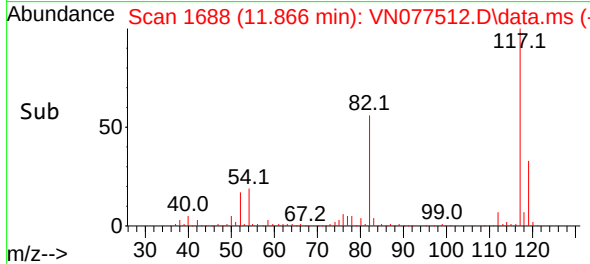
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



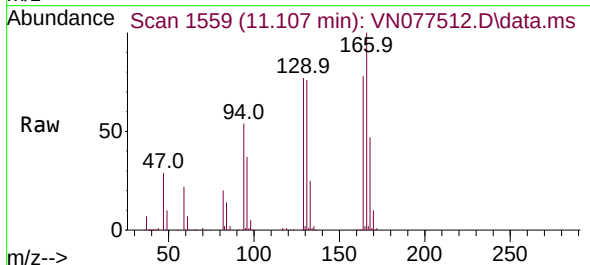
Tgt Ion:117 Resp: 1086169
Ion Ratio Lower Upper
117 100
82 55.6 44.0 66.0
119 32.7 25.6 38.4

Manual Integrations
APPROVED

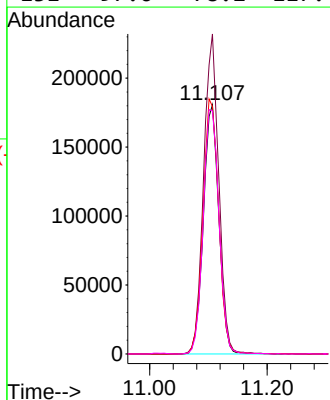
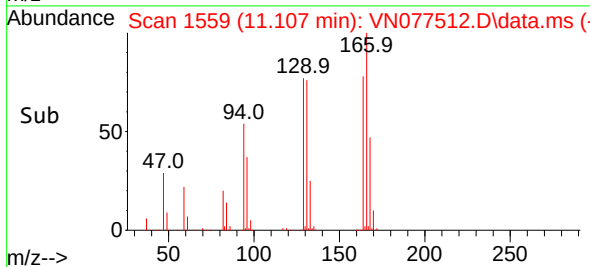
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

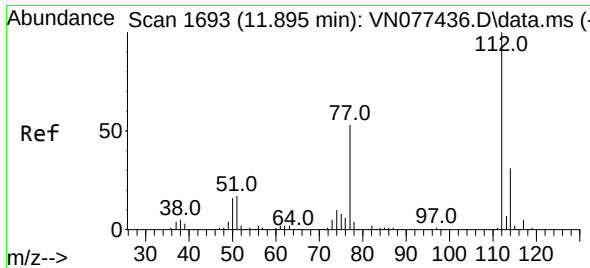


#64
Tetrachloroethene
Concen: 50.601 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00



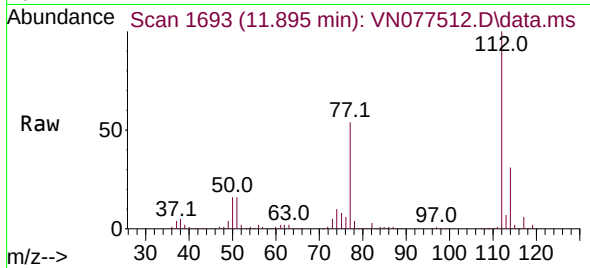
Tgt Ion:164 Resp: 329001
Ion Ratio Lower Upper
164 100
166 128.4 101.4 152.0
129 99.4 82.4 123.6
131 97.6 78.2 117.4





#65
Chlorobenzene
Concen: 50.299 ug/l
RT: 11.895 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

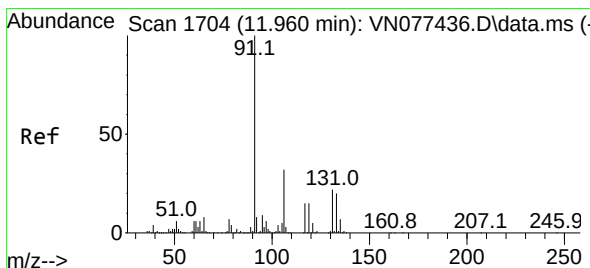
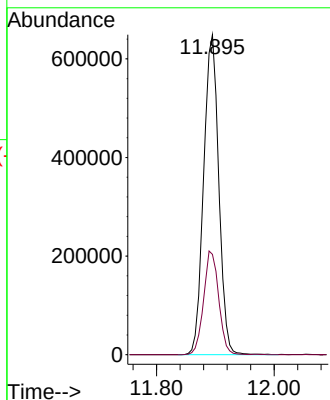
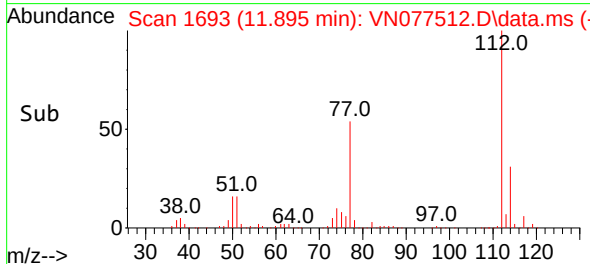
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



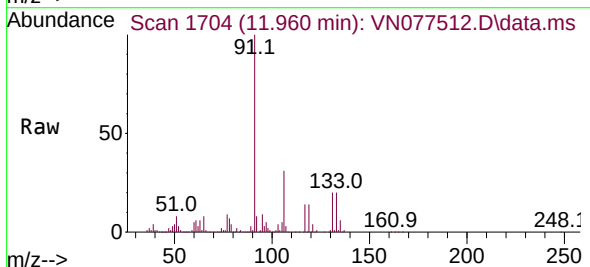
Tgt Ion:112 Resp: 1156070
Ion Ratio Lower Upper
112 100
114 31.4 25.0 37.4

Manual Integrations
APPROVED

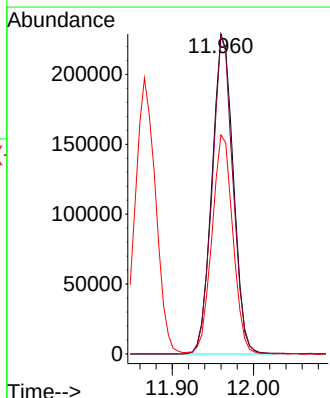
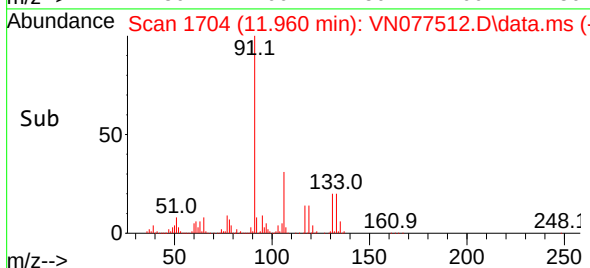
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

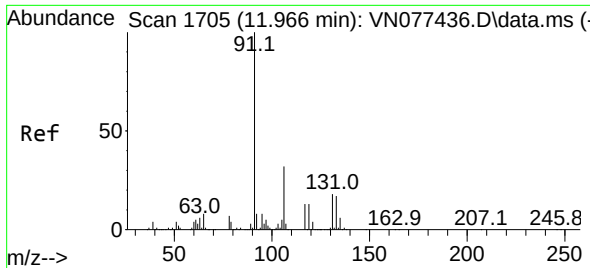


#66
1,1,1,2-Tetrachloroethane
Concen: 49.870 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00



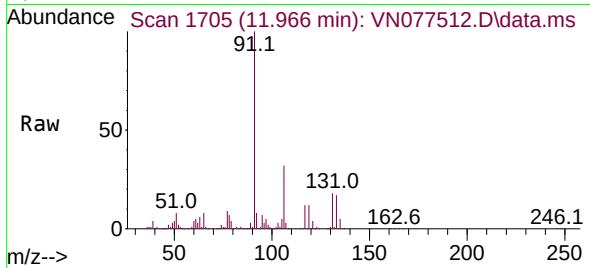
Tgt Ion:131 Resp: 417026
Ion Ratio Lower Upper
131 100
133 96.7 46.4 139.1
119 67.5 34.1 102.2





#67
Ethyl Benzene
Concen: 52.561 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

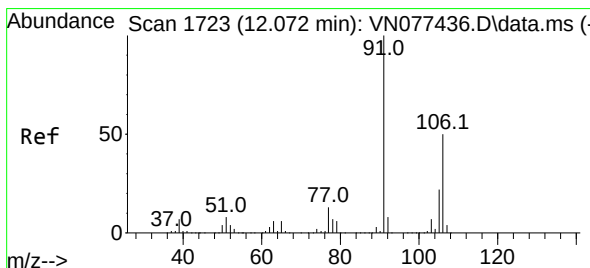
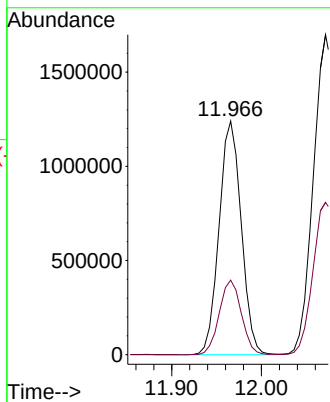
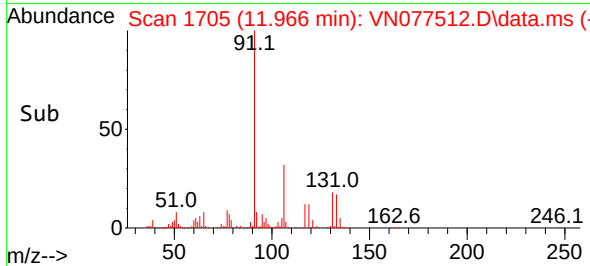
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



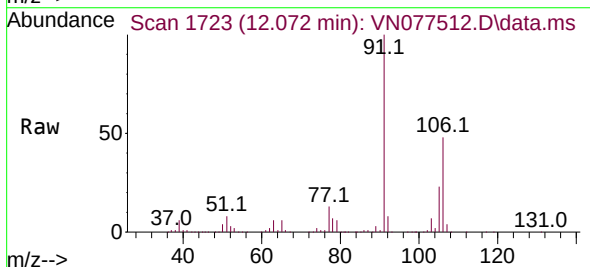
Tgt Ion: 91 Resp: 212666
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4

Manual Integrations
APPROVED

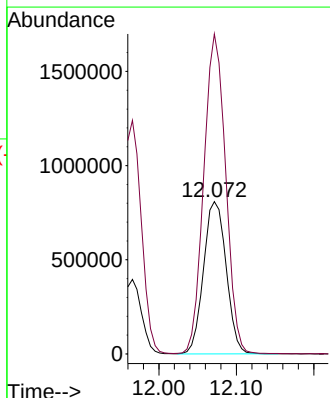
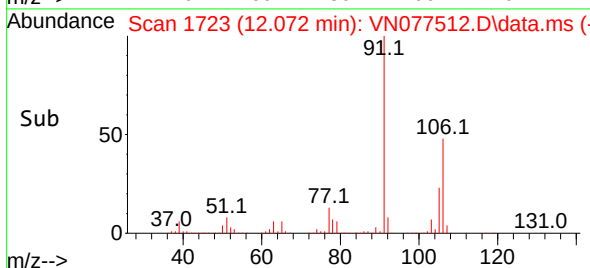
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

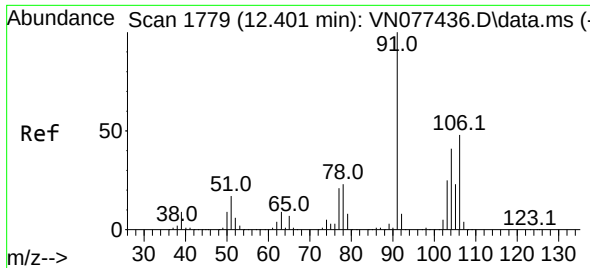


#68
m/p-Xylenes
Concen: 104.378 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00



Tgt Ion:106 Resp: 1641391
Ion Ratio Lower Upper
106 100
91 203.3 159.6 239.4





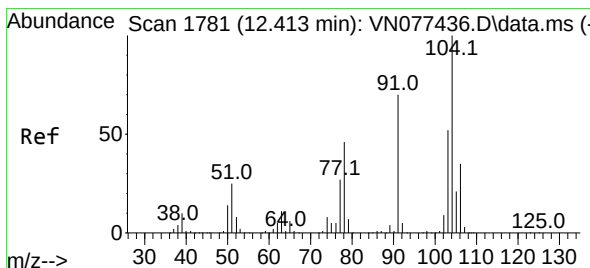
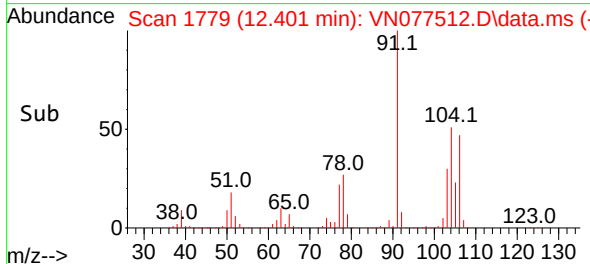
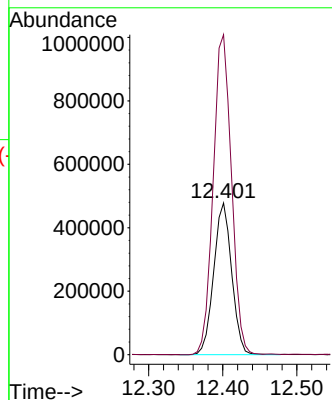
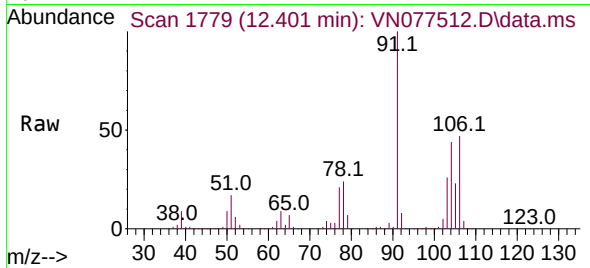
#69
o-Xylene
Concen: 52.030 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 804780
Ion Ratio Lower Upper
106 100
91 214.2 105.2 315.5

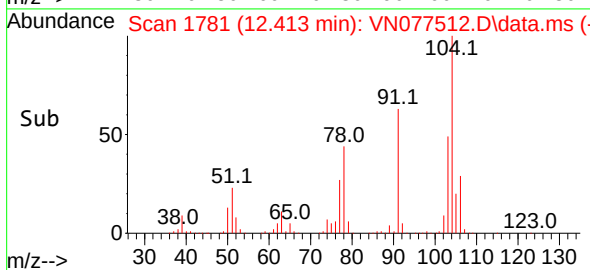
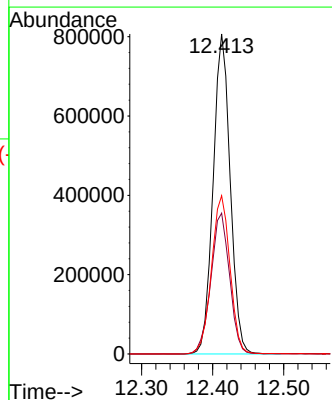
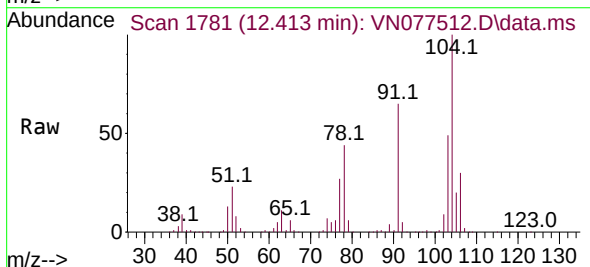
Manual Integrations
APPROVED

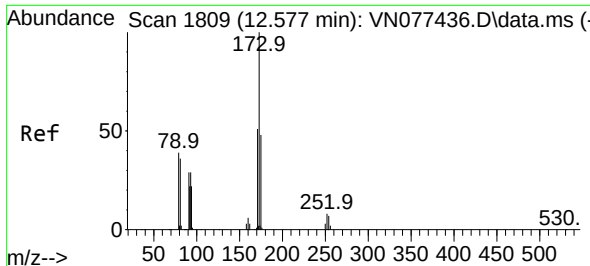
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#70
Styrene
Concen: 55.627 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

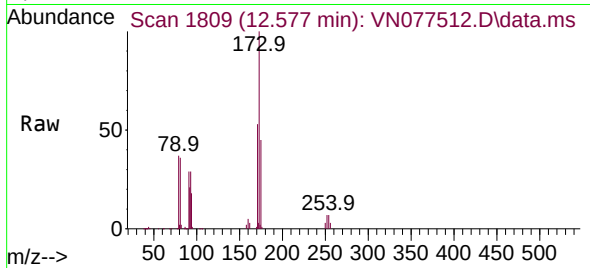
Tgt Ion:104 Resp: 1345596
Ion Ratio Lower Upper
104 100
78 48.2 39.5 59.3
103 53.5 43.2 64.8





#71
Bromoform
Concen: 52.770 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

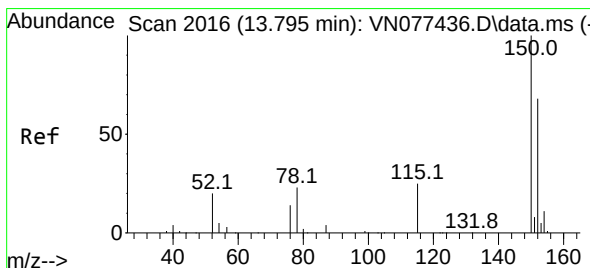
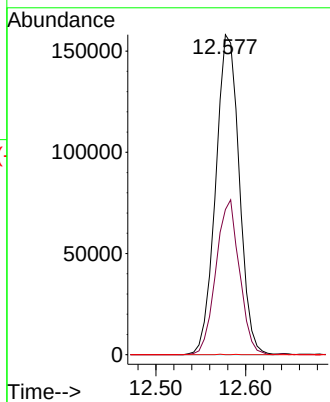
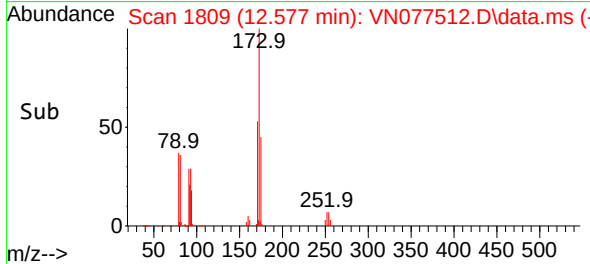
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



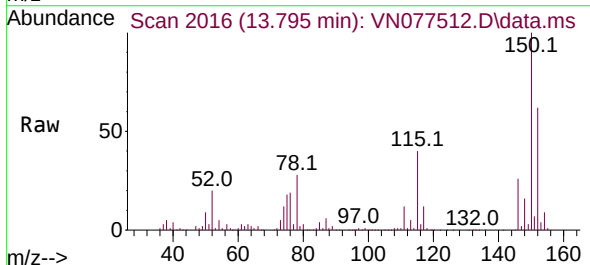
Tgt Ion:173 Resp: 28870
Ion Ratio Lower Upper
173 100
175 48.0 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

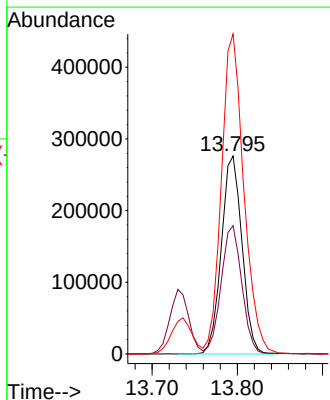
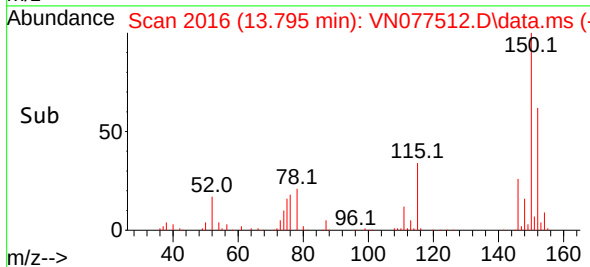
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

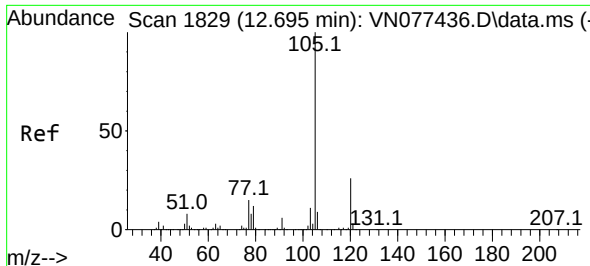


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00



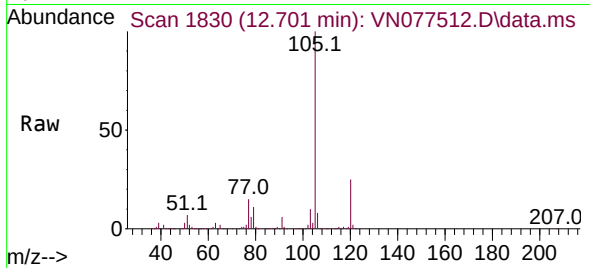
Tgt Ion:152 Resp: 464465
Ion Ratio Lower Upper
152 100
115 65.3 32.3 96.8
150 175.2 0.0 355.8





#73
Isopropylbenzene
Concen: 50.065 ug/l
RT: 12.701 min Scan# 1829
Delta R.T. 0.006 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

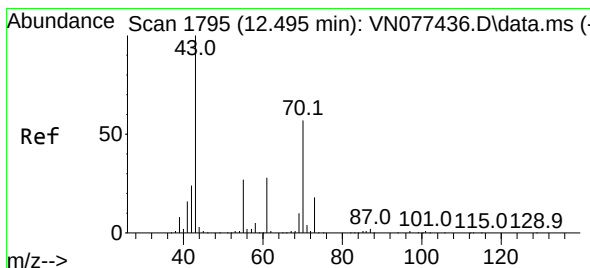
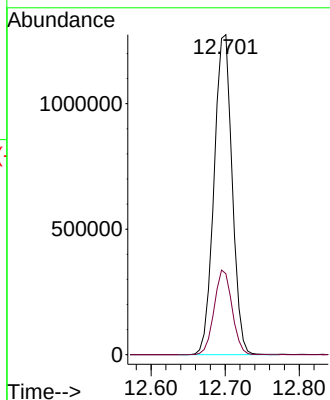
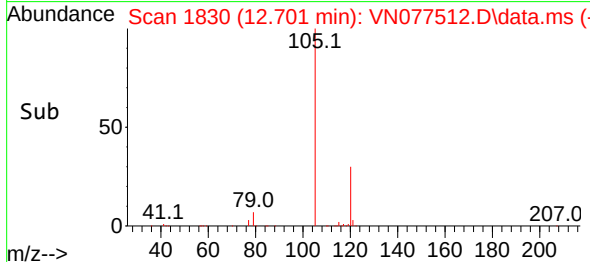
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 215779
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.1

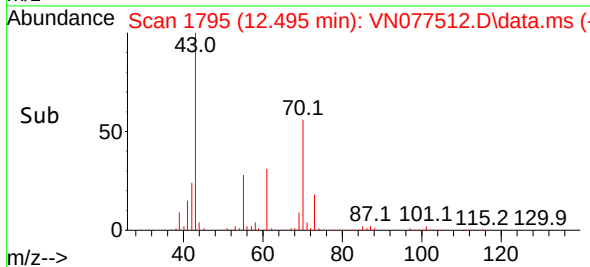
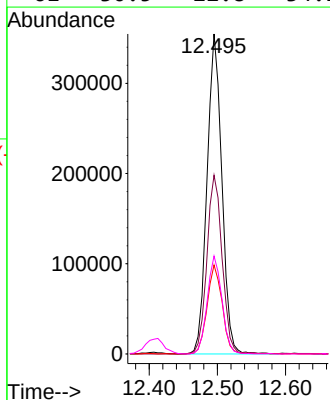
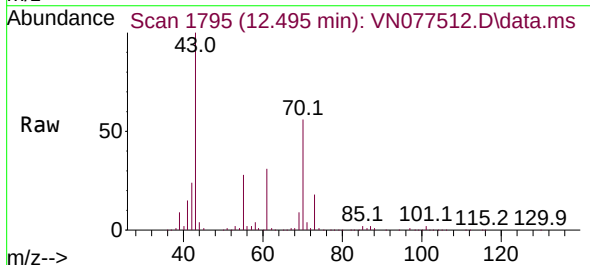
Manual Integrations
APPROVED

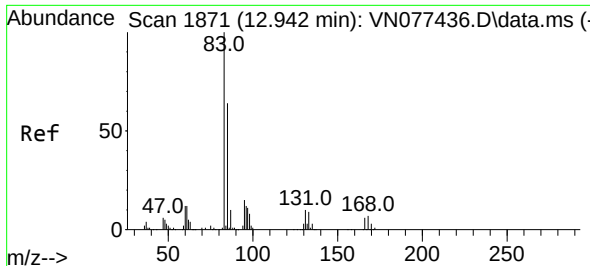
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#74
N-ethyl acetate
Concen: 42.059 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

Tgt Ion: 43 Resp: 536679
Ion Ratio Lower Upper
43 100
70 57.2 43.4 65.2
55 28.5 21.4 32.0
61 30.5 22.8 34.2





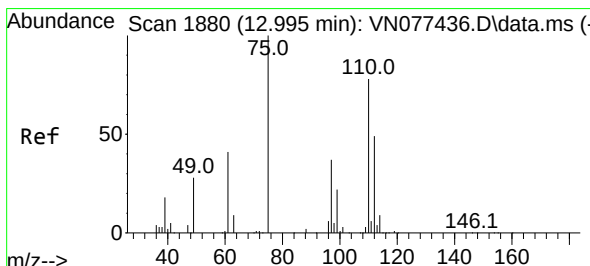
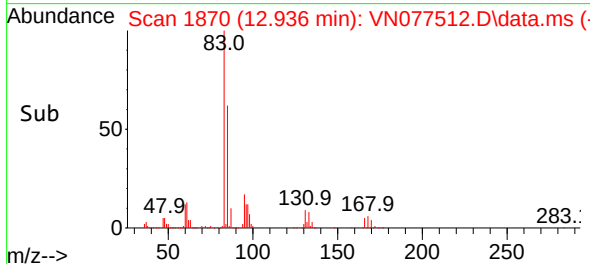
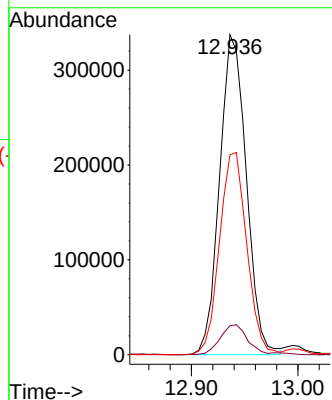
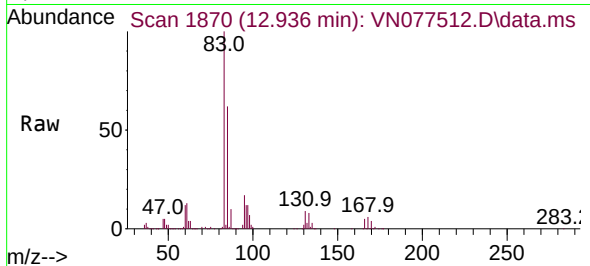
#75
1,1,2,2-Tetrachloroethane
Concen: 43.425 ug/l
RT: 12.936 min Scan# 1870
Delta R.T. -0.006 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 588074
Ion Ratio Lower Upper
83 100
131 9.9 5.0 15.0
85 64.4 31.9 95.7

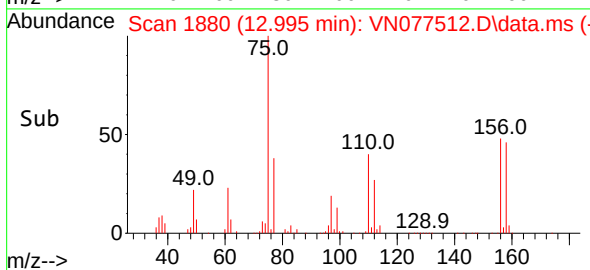
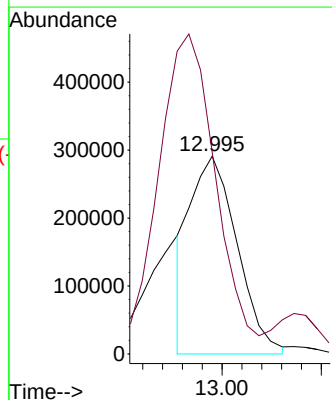
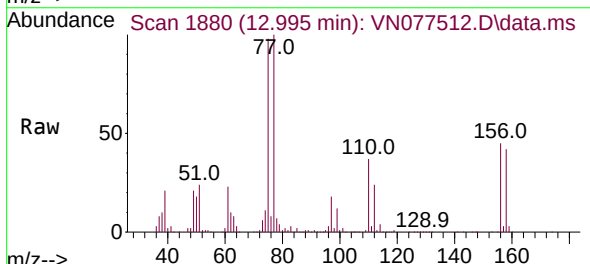
Manual Integrations
APPROVED

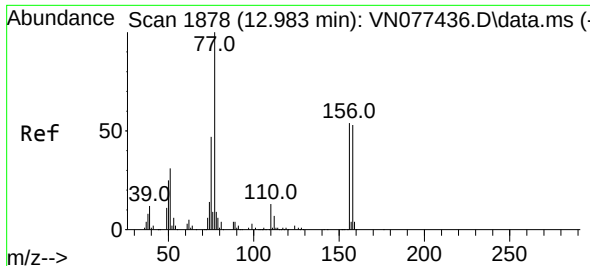
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#76
1,2,3-Trichloropropane
Concen: 44.308 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

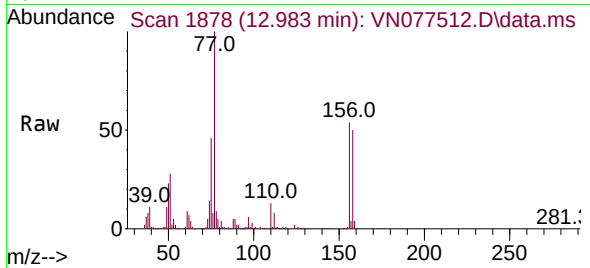
Tgt Ion: 75 Resp: 478551
Ion Ratio Lower Upper
75 100
77 198.9 84.5 253.5





#77
Bromobenzene
Concen: 47.115 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

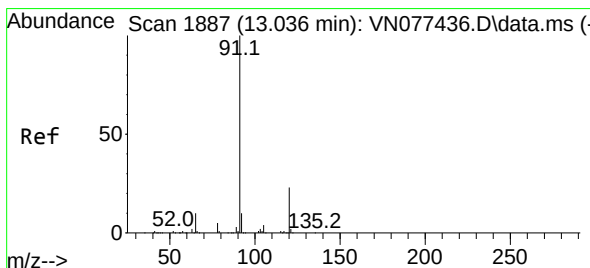
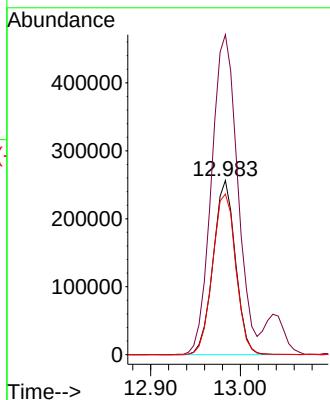
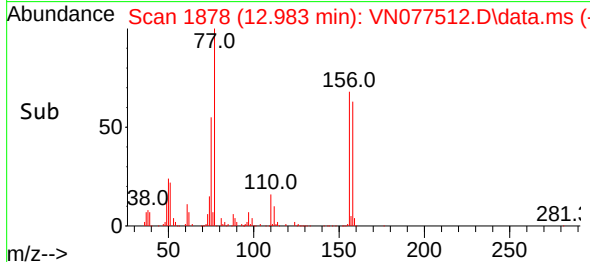
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



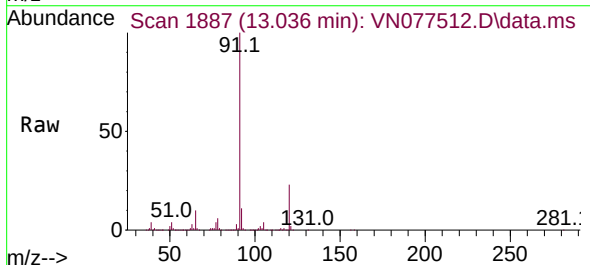
Tgt Ion:156 Resp: 442560
Ion Ratio Lower Upper
156 100
77 215.1 107.7 323.3
158 96.5 48.4 145.3

Manual Integrations
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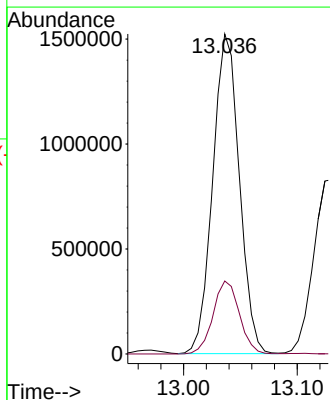
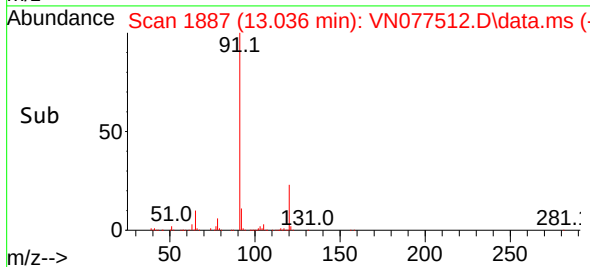
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

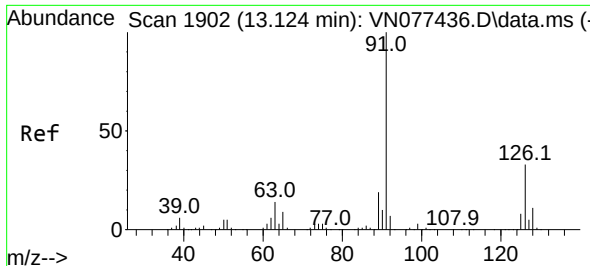


#78
n-propylbenzene
Concen: 51.989 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00



Tgt Ion: 91 Resp: 2477572
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 50.068 ug/l

RT: 13.130 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VN077512.D

Acq: 29 Apr 2023 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 147112

Ion Ratio Lower Upper

91 100

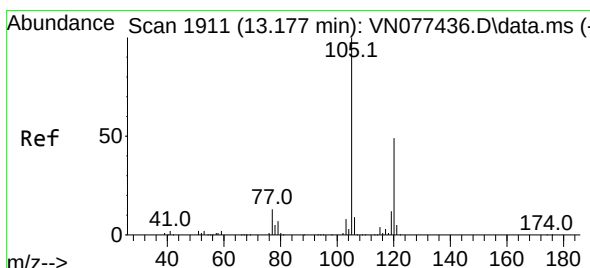
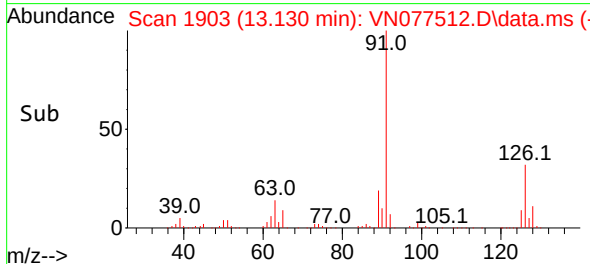
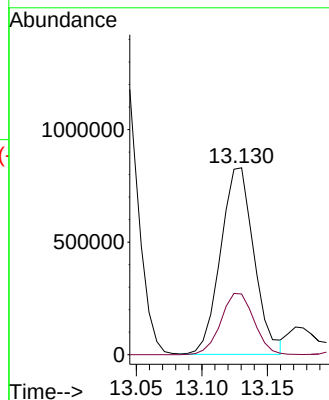
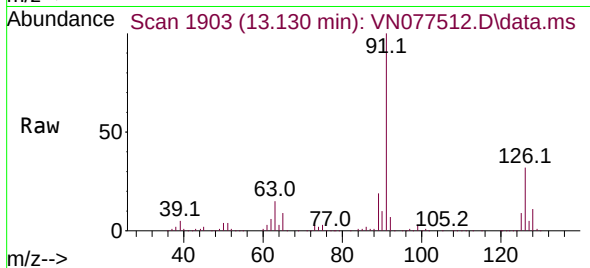
126 32.6 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#80

1,3,5-Trimethylbenzene

Concen: 55.779 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077512.D

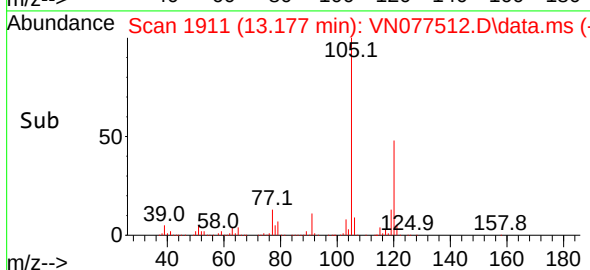
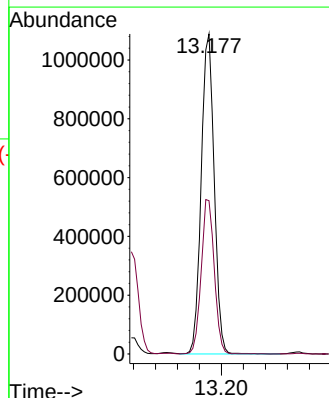
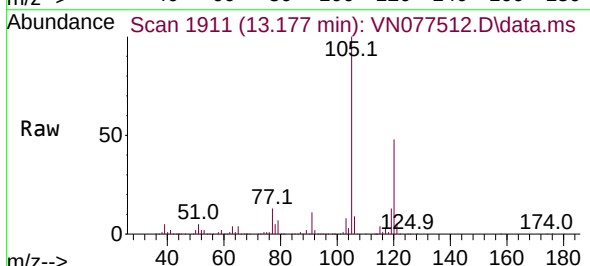
Acq: 29 Apr 2023 11:00

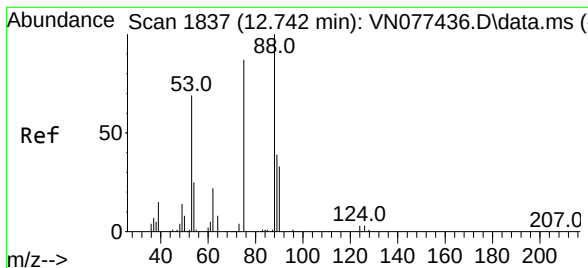
Tgt Ion:105 Resp: 1785346

Ion Ratio Lower Upper

105 100

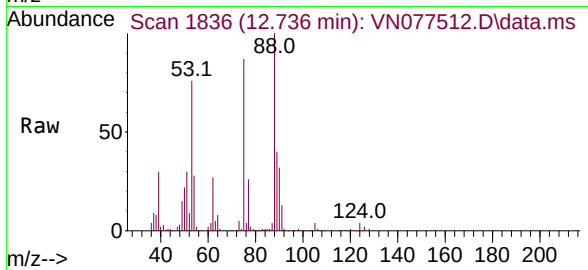
120 48.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 47.772 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

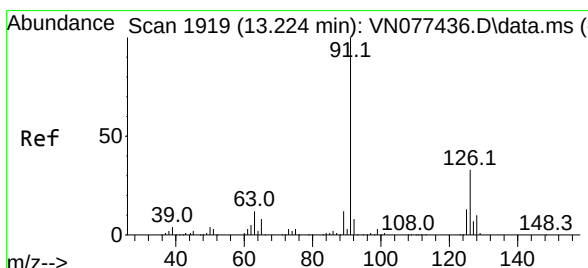
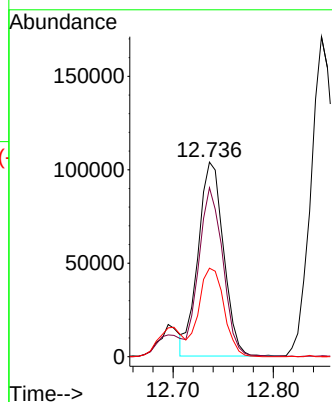
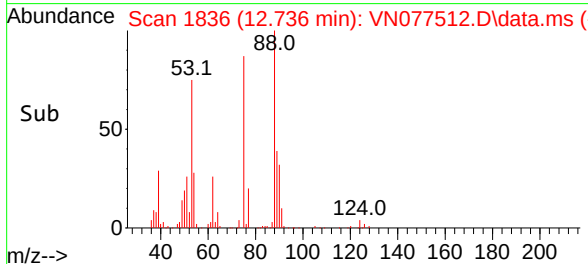
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 182634
Ion Ratio Lower Upper
75 100
53 82.5 67.4 101.2
89 45.5 38.8 58.2

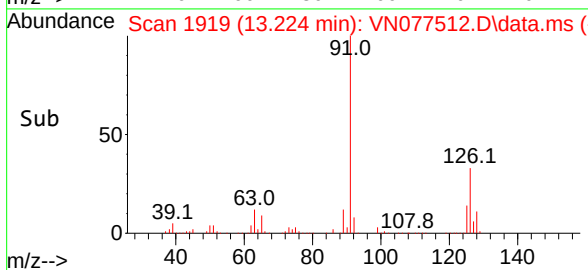
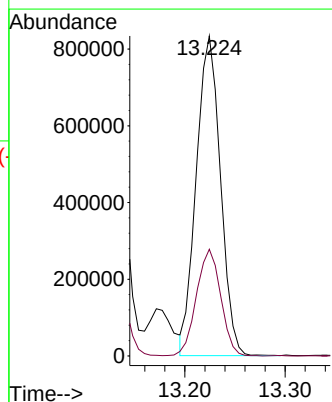
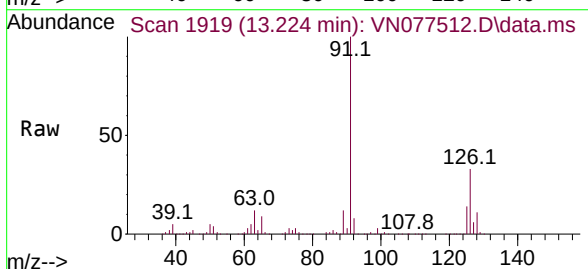
Manual Integrations
APPROVED

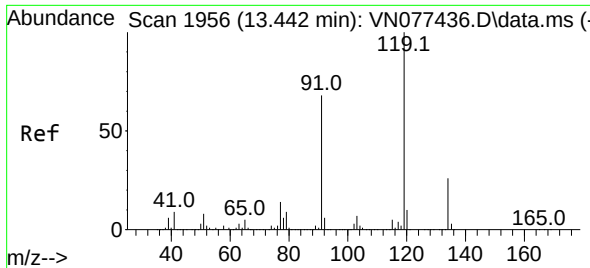
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#82
4-Chlorotoluene
Concen: 50.871 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

Tgt Ion: 91 Resp: 1396706
Ion Ratio Lower Upper
91 100
126 33.6 16.7 50.0





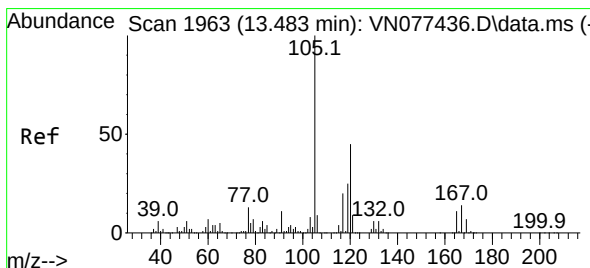
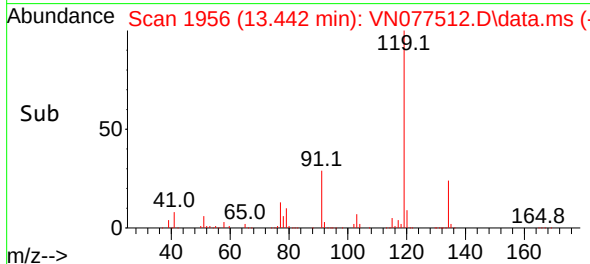
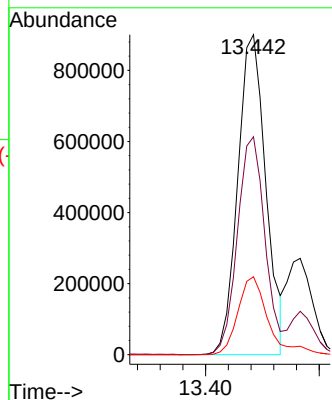
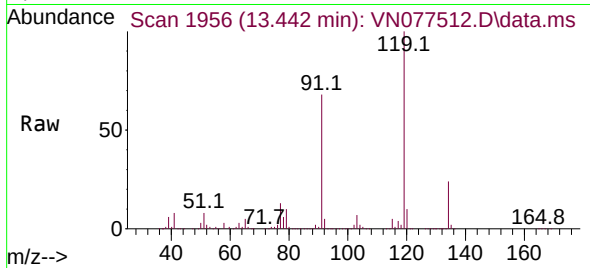
#83
tert-Butylbenzene
Concen: 49.726 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 1545669
Ion Ratio Lower Upper
119 100
91 68.2 33.9 101.7
134 26.2 13.2 39.6

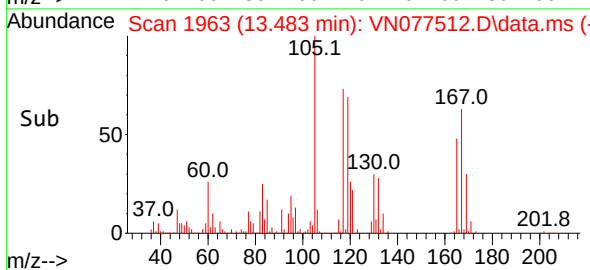
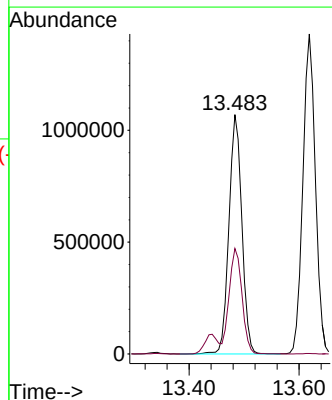
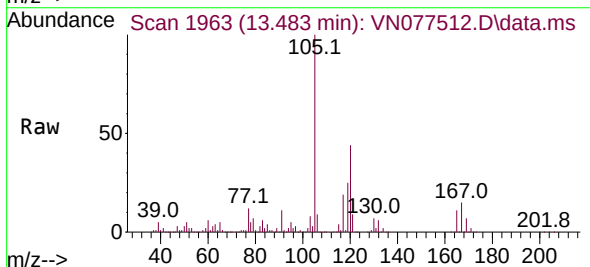
Manual Integrations
APPROVED

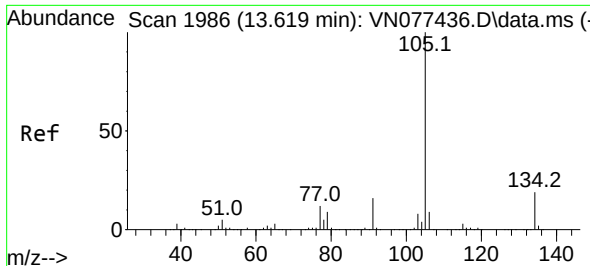
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#84
1,2,4-Trimethylbenzene
Concen: 58.478 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

Tgt Ion:105 Resp: 1748061
Ion Ratio Lower Upper
105 100
120 43.7 22.0 66.0





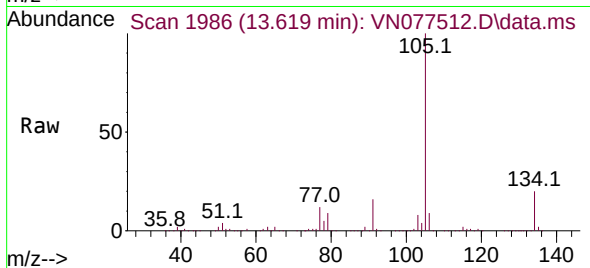
#85
 sec-Butylbenzene
 Concen: 53.016 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077512.D
 Acq: 29 Apr 2023 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



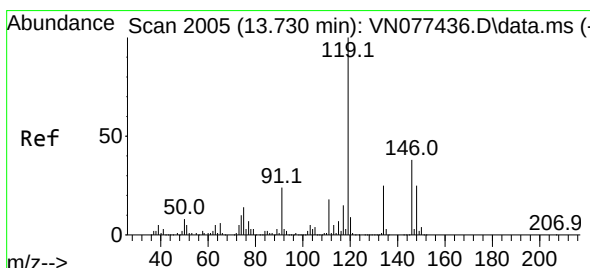
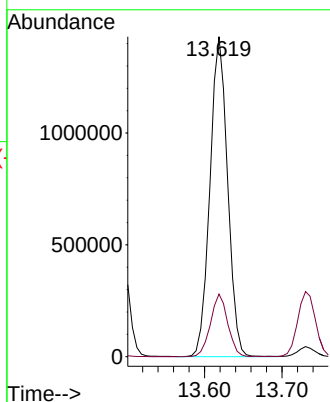
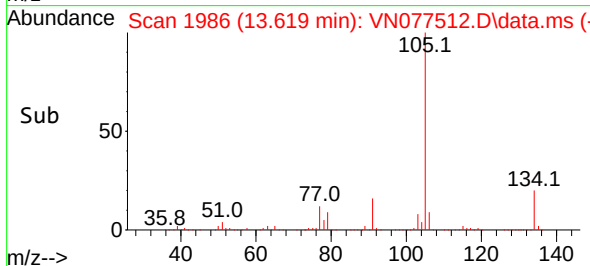
Tgt Ion:105 Resp: 2261920
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3

Manual Integrations

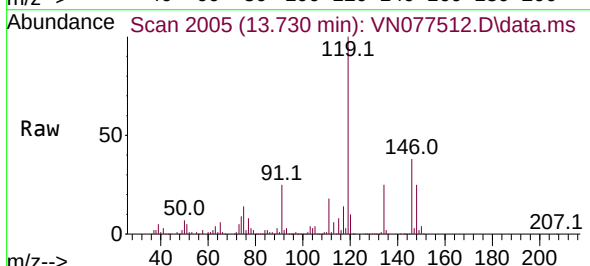
APPROVED

Reviewed By :John Carlone 05/01/2023

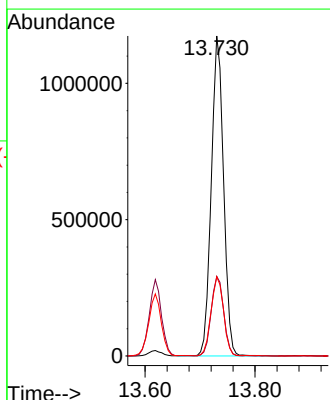
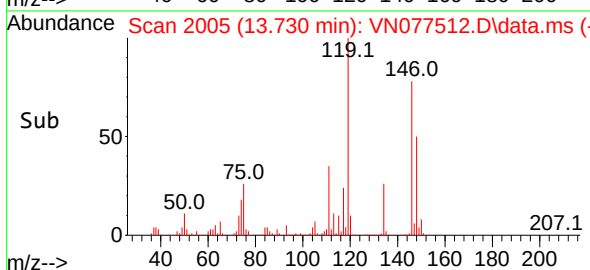
Supervised By :Mahesh Dadoda 05/01/2023

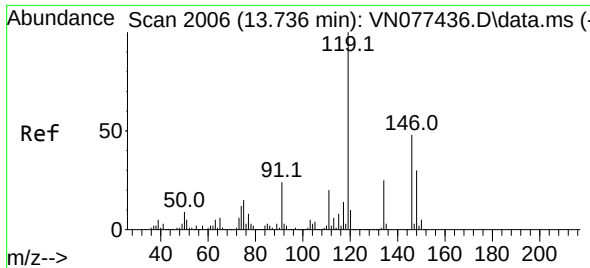


#86
 p-Isopropyltoluene
 Concen: 55.459 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN077512.D
 Acq: 29 Apr 2023 11:00



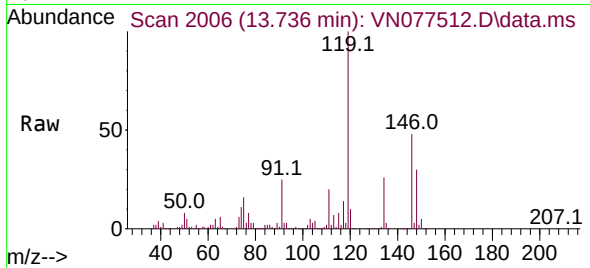
Tgt Ion:119 Resp: 1820552
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 25.1 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 50.404 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

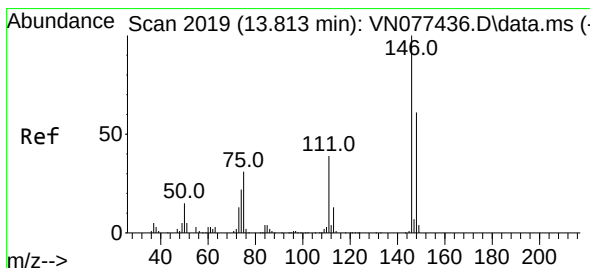
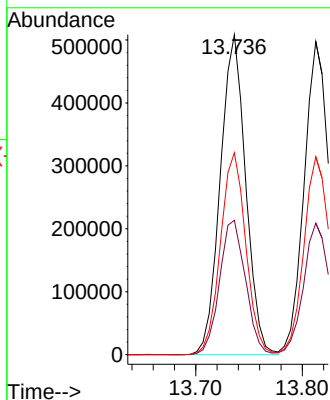
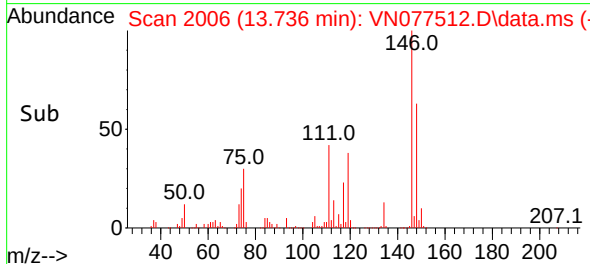
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 842015
Ion Ratio Lower Upper
146 100
111 42.8 22.1 66.3
148 63.1 32.0 96.0

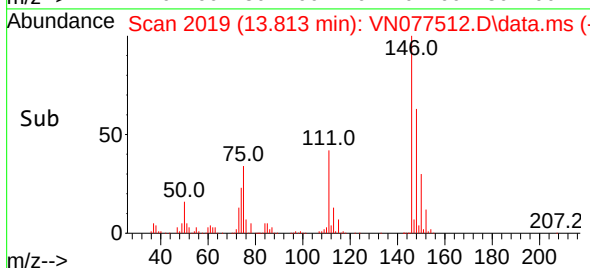
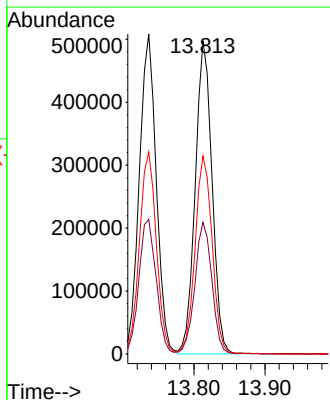
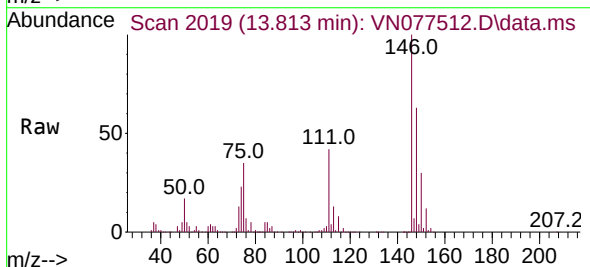
Manual Integrations
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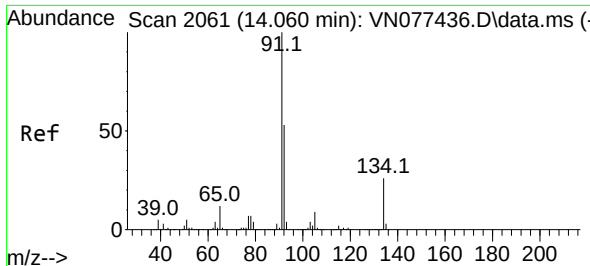
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#88
1,4-Dichlorobenzene
Concen: 49.691 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

Tgt Ion:146 Resp: 819626
Ion Ratio Lower Upper
146 100
111 42.3 20.6 61.8
148 64.1 31.6 94.8





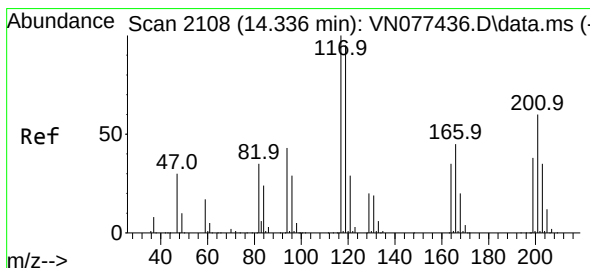
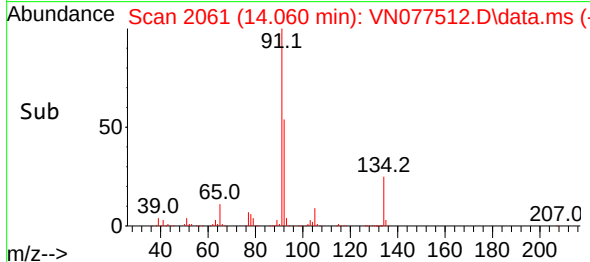
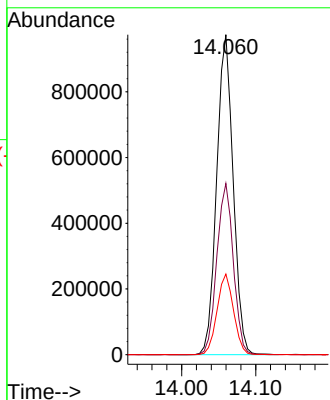
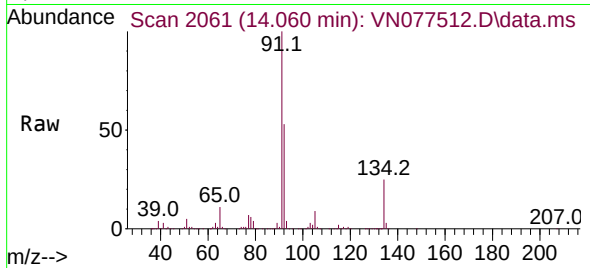
#89
n-Butylbenzene
Concen: 59.164 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1503010
Ion Ratio Lower Upper
91 100
92 53.7 26.4 79.0
134 25.3 12.6 37.6

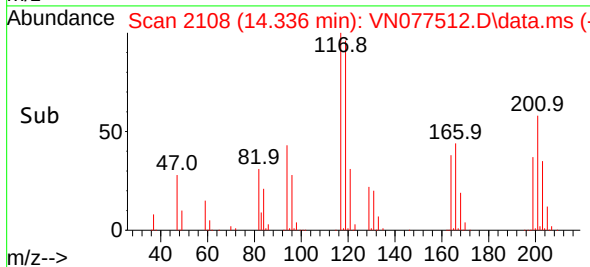
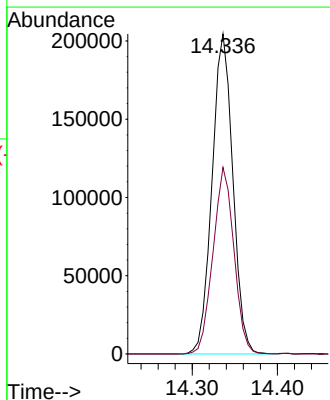
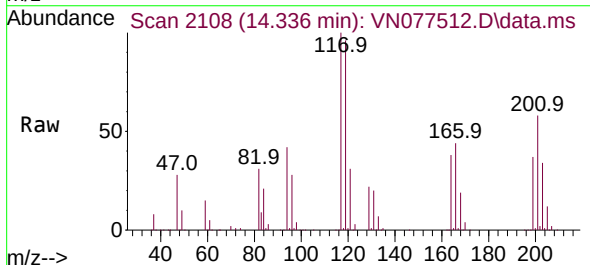
Manual Integrations
APPROVED

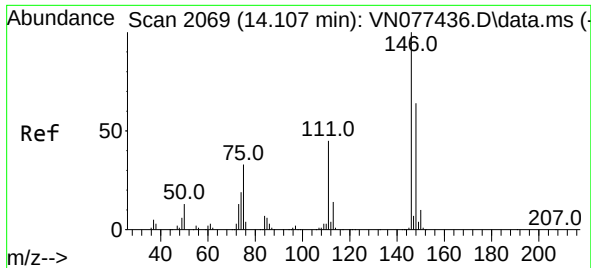
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#90
Hexachloroethane
Concen: 47.834 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

Tgt Ion:117 Resp: 346909
Ion Ratio Lower Upper
117 100
201 58.7 29.3 88.0





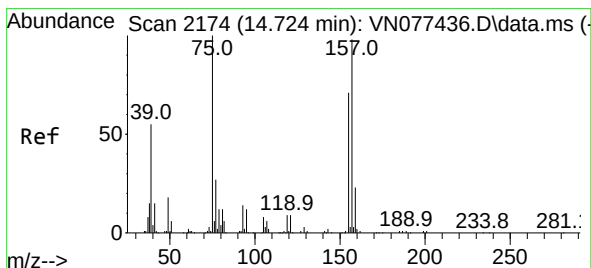
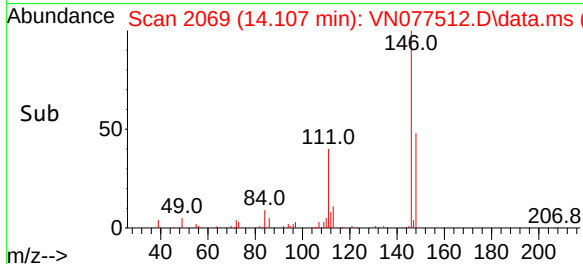
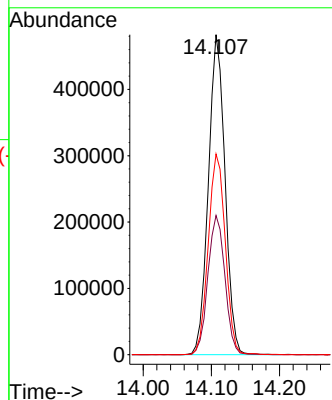
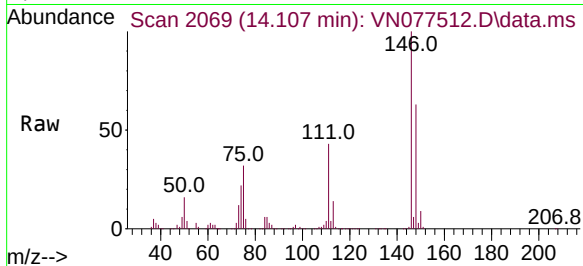
#91
1,2-Dichlorobenzene
Concen: 49.432 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 819039
Ion Ratio Lower Upper
146 100
111 44.6 22.0 66.0
148 64.3 31.8 95.3

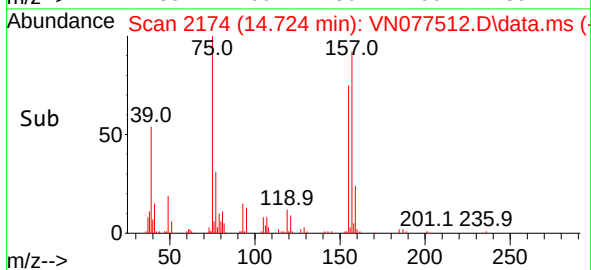
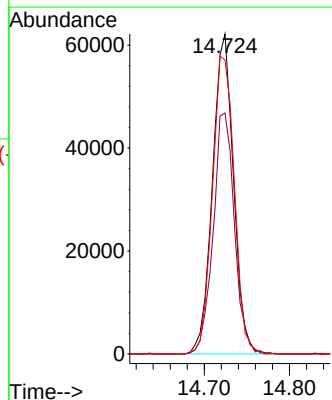
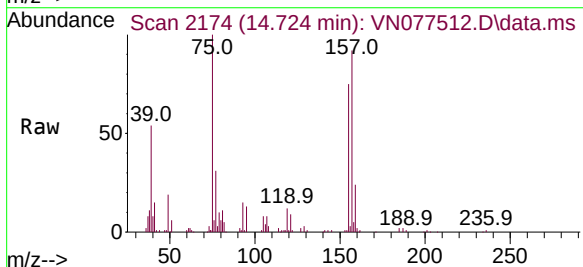
Manual Integrations
APPROVED

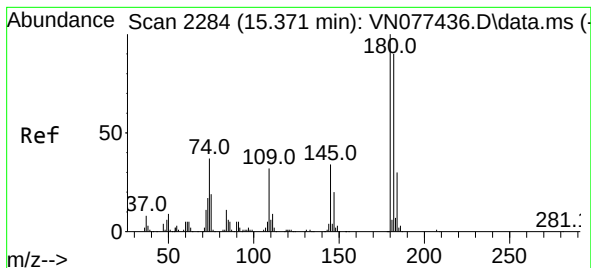
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.380 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077512.D
Acq: 29 Apr 2023 11:00

Tgt Ion: 75 Resp: 106130
Ion Ratio Lower Upper
75 100
155 76.4 39.1 117.2
157 97.4 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 47.310 ug/l

RT: 15.395 min Scan# 21

Delta R.T. 0.024 min

Lab File: VN077512.D

Acq: 29 Apr 2023 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 24644

Ion Ratio Lower Upper

180 100

182 97.4 46.1 138.2

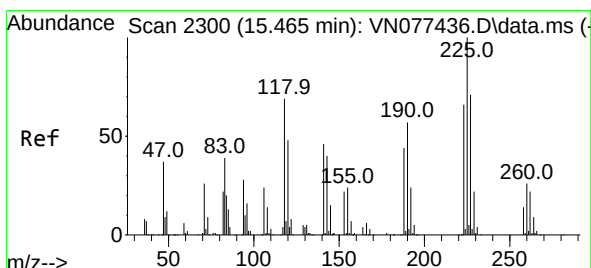
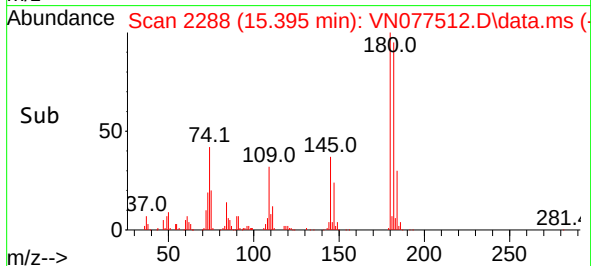
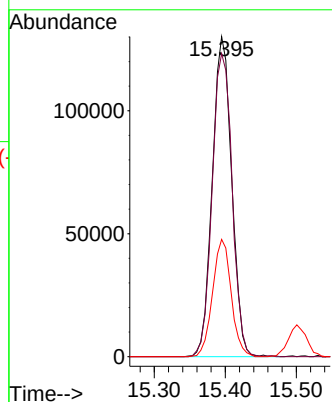
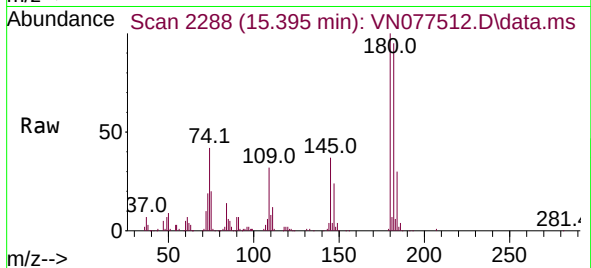
145 35.2 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#94

Hexachlorobutadiene

Concen: 52.300 ug/l

RT: 15.501 min Scan# 2306

Delta R.T. 0.036 min

Lab File: VN077512.D

Acq: 29 Apr 2023 11:00

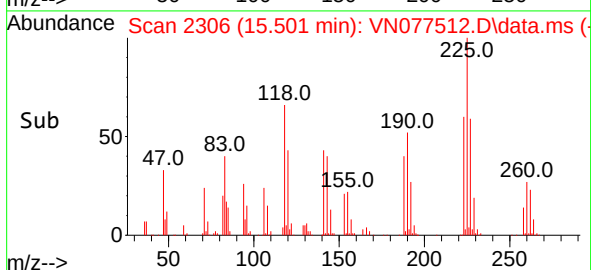
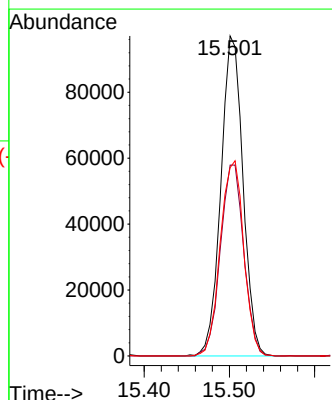
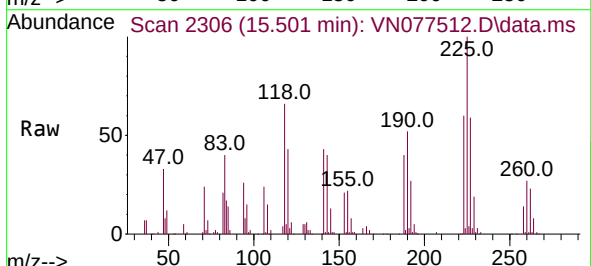
Tgt Ion:225 Resp: 175108

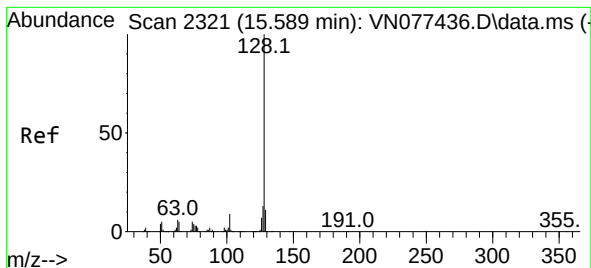
Ion Ratio Lower Upper

225 100

223 63.1 31.3 93.8

227 64.7 31.9 95.9





#95

Naphthalene

Concen: 46.381 ug/l

RT: 15.642 min Scan# 21

Delta R.T. 0.053 min

Lab File: VN077512.D

Acq: 29 Apr 2023 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

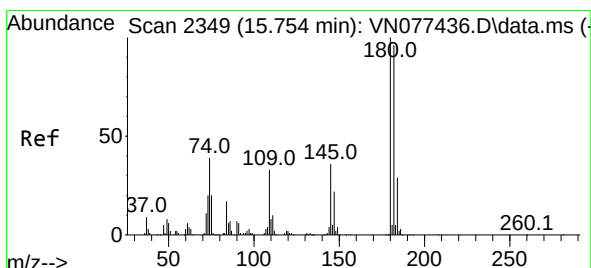
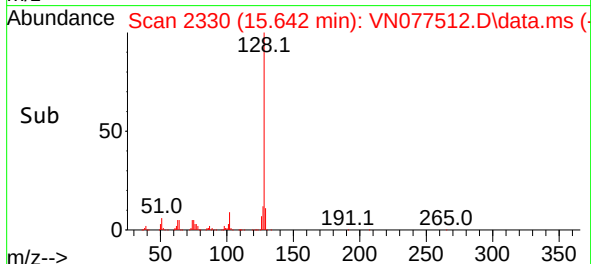
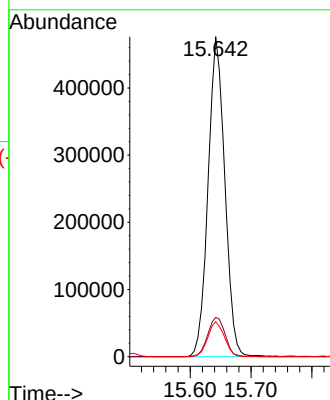
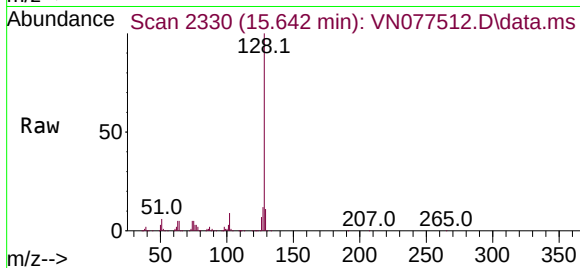
Tgt Ion:128 Resp: 909324
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.0 15.0
 129 10.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#96

1,2,3-Trichlorobenzene

Concen: 46.871 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. 0.088 min

Lab File: VN077512.D

Acq: 29 Apr 2023 11:00

Tgt Ion:180 Resp: 227634
 Ion Ratio Lower Upper
 180 100
 182 95.2 46.2 138.6
 145 36.3 17.5 52.6

