

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050823\
 Data File : VN077615.D
 Acq On : 08 May 2023 14:10
 Operator : JC\MD
 Sample : VN0508WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0508WBS01

Quant Time: May 09 06:00:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 09 05:58:09 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/09/2023
 Supervised By : Mahesh Dadoda 05/09/2023

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

Internal Standards						
1) Bromochloromethane	7.819	128	117224	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	664638	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	591054	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	252180	29.914	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.700%		
60) 4-Bromofluorobenzene	12.848	95	276025	29.370	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	97.900%		
63) Toluene-d8	10.566	98	809999	29.671	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	143556	18.652	ug/l	96
3) Chloromethane	2.372	50	111368	19.040	ug/l	99
4) Vinyl Chloride	2.519	62	157396	17.488	ug/l	93
5) Bromomethane	2.966	94	129280	21.549	ug/l	98
6) Chloroethane	3.131	64	108280	18.415	ug/l	98
7) Trichlorofluoromethane	3.507	101	202247	16.523	ug/l	92
8) Diethyl Ether	3.966	74	76660	19.871	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.390	101	121575	18.401	ug/l	96
10) 1,1-Dichloroethene	4.349	96	115585	18.507	ug/l	97
11) Methyl Iodide	4.596	142	183201	18.859	ug/l	95
12) Methyl Acetate	5.037	43	157671m	20.884	ug/l	
13) Acrolein	4.190	56	90599	97.966	ug/l	99
14) Acrylonitrile	5.731	53	243100	105.853	ug/l	98
15) Acetone	4.437	58	69035	99.044	ug/l	96
16) Carbon Disulfide	4.725	76	269152	17.940	ug/l #	95
17) Allyl chloride	5.037	41	120168	18.535	ug/l	85
18) Methylene Chloride	5.290	84	144689	19.061	ug/l	92
19) trans-1,2-Dichloroethene	5.796	96	129499	18.431	ug/l #	91
20) Diisopropyl ether	6.678	45	307400	19.495	ug/l #	89
21) 1,1-Dichloroethane	6.578	63	221790	19.176	ug/l	97
22) cis-1,2-Dichloroethene	7.495	96	166318	19.644	ug/l	92
23) tert-Butyl Alcohol	5.531	59	99245	110.313	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	431922	20.431	ug/l	95
25) Chloroform	7.972	83	270690	19.635	ug/l	99
26) Cyclohexane	8.260	56	167774	17.670	ug/l #	89
29) 1,1-Dichloropropene	8.378	75	184544	19.287	ug/l	98
30) 2-Butanone	7.495	43	278846	109.335	ug/l #	91
31) 2,2-Dichloropropane	7.495	77	205557	18.440	ug/l	99
32) 1,1,1-Trichloroethane	8.178	97	240185	19.396	ug/l	96
33) Carbon Tetrachloride	8.372	117	205655	19.639	ug/l	97
34) Benzene	8.613	78	577414	19.986	ug/l	98
35) Methacrylonitrile	7.784	41	60885	21.032	ug/l	88
36) 1,2-Dichloroethane	8.678	62	194538	20.197	ug/l #	95
37) Trichloroethene	9.354	130	149339	19.996	ug/l	95
38) Methylcyclohexane	9.607	83	229260	18.609	ug/l	94
39) 1,2-Dichloropropane	9.625	63	135229	20.217	ug/l	97
40) Dibromomethane	9.713	93	107485	20.383	ug/l	95
41) Bromodichloromethane	9.889	83	210199	19.795	ug/l	95
42) Vinyl Acetate	6.613	43	966750m	102.189	ug/l	

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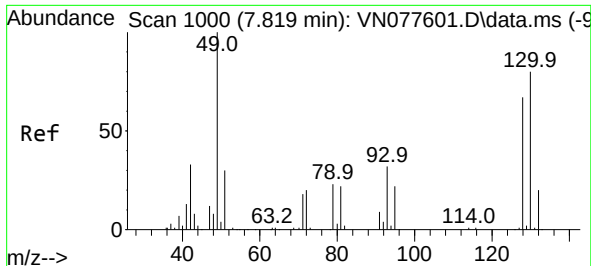
Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/09/2023
 Supervised By : Mahesh Dadoda 05/09/2023

Quant Time: May 09 06:00:55 2023
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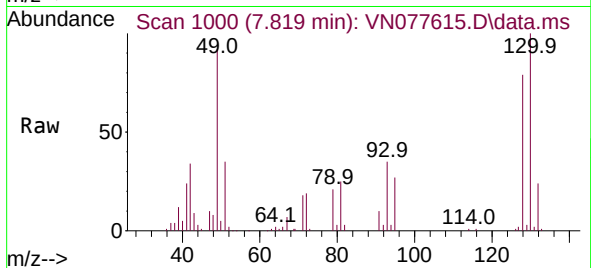
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	115386	21.052	ug/l #	91
44) Isopropyl Acetate	8.689	43	210431	20.968	ug/l	90
45) 1,4-Dioxane	9.701	88	54723	438.668	ug/l #	95
46) Methyl methacrylate	9.684	41	95378	21.162	ug/l	91
47) n-amyl Acetate	12.495	43	174949	20.241	ug/l	94
48) t-1,3-Dichloropropene	10.836	75	212380	19.839	ug/l	100
49) cis-1,3-Dichloropropene	10.313	75	234340	19.972	ug/l	94
50) 1,1,2-Trichloroethane	11.019	97	153594	20.225	ug/l	95
51) Ethyl methacrylate	10.878	69	202897	20.697	ug/l	88
52) 1,3-Dichloropropane	11.166	76	257410	20.964	ug/l	98
53) Dibromochloromethane	11.360	129	161641	20.458	ug/l	97
54) 1,2-Dibromoethane	11.472	107	158237	20.976	ug/l	96
55) 2-Chloroethyl vinyl ether	10.160	63	475822	107.333	ug/l	97
56) Bromoform	12.583	173	95263	20.491	ug/l	96
58) 4-Methyl-2-Pentanone	10.448	43	606643	111.454	ug/l #	93
59) 2-Hexanone	11.195	43	430286	109.513	ug/l	92
61) Tetrachloroethene	11.101	164	115177	20.146	ug/l	98
62) Toluene	10.631	91	665921	20.350	ug/l	99
64) Chlorobenzene	11.895	112	416052	20.674	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.966	131	150504	20.731	ug/l	95
66) Ethyl Benzene	11.966	91	710805	19.604	ug/l	100
67) m/p-Xylenes	12.078	106	564512	39.572	ug/l	98
68) o-Xylene	12.401	106	284394	20.229	ug/l	94
69) Styrene	12.413	104	456717	20.317	ug/l	97
70) Isopropylbenzene	12.701	105	724206	19.833	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.942	83	208299	21.272	ug/l	97
72) 1,2,3-Trichloropropane	12.995	75	177890m	21.833	ug/l	
73) Bromobenzene	12.983	156	151001	19.777	ug/l	96
74) n-propylbenzene	13.036	91	790860	19.370	ug/l	99
75) 2-Chlorotoluene	13.130	91	494902	20.042	ug/l	99
76) 1,3,5-Trimethylbenzene	13.177	105	574663	19.913	ug/l	99
77) t-1,4-Dichloro-2-butene	12.736	75	58922	20.759	ug/l	92
78) 4-Chlorotoluene	13.224	91	467302	19.382	ug/l	99
79) tert-butylbenzene	13.442	119	510597	19.756	ug/l	97
80) 1,2,4-Trimethylbenzene	13.489	105	540784	19.309	ug/l	99
81) sec-Butylbenzene	13.619	105	705084	19.436	ug/l	97
82) p-Isopropyltoluene	13.730	119	563420	19.520	ug/l	99
83) 1,3-Dichlorobenzene	13.736	146	277124	19.545	ug/l	98
84) 1,4-Dichlorobenzene	13.819	146	268267	19.328	ug/l	99
85) n-Butylbenzene	14.060	91	437278	18.415	ug/l	100
86) Hexachloroethane	14.336	117	103525	19.245	ug/l	96
87) 1,2-Dichlorobenzene	14.107	146	272491	19.799	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.724	75	37455	21.048	ug/l	94
89) 1,2,4-Trichlorobenzene	15.401	180	83888	17.691	ug/l	97
90) Hexachlorobutadiene	15.507	225	56685	21.200	ug/l	95
91) Naphthalene	15.642	128	293060	18.092	ug/l	98
92) 1,2,3-Trichlorobenzene	15.842	180	77056	17.645	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

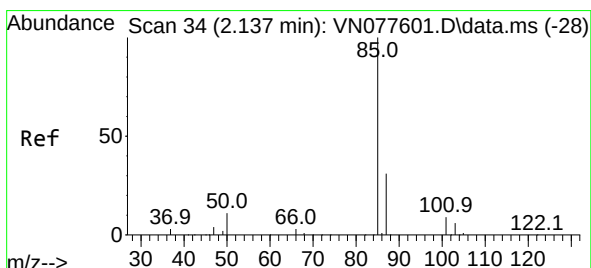
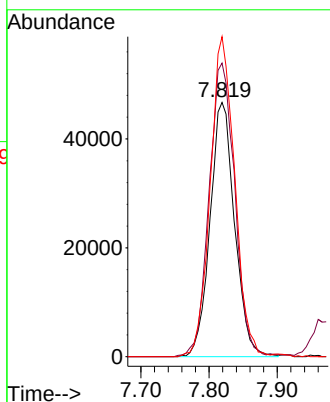
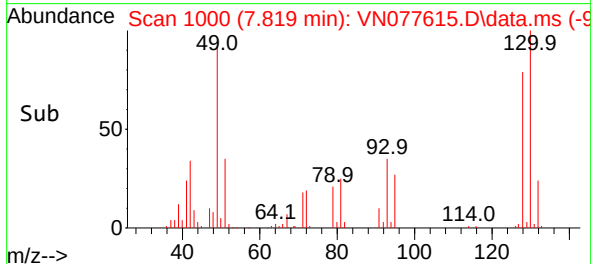
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBS01



Tgt Ion:128 Resp: 117224
Ion Ratio Lower Upper
128 100
49 120.2 0.0 369.8
130 124.9 0.0 317.8

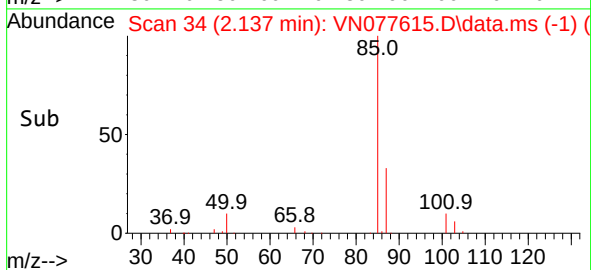
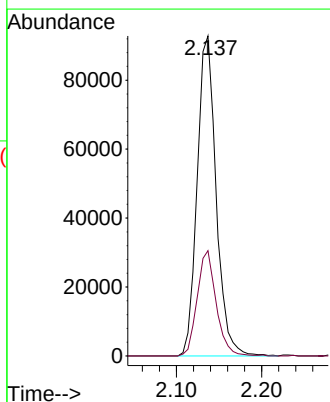
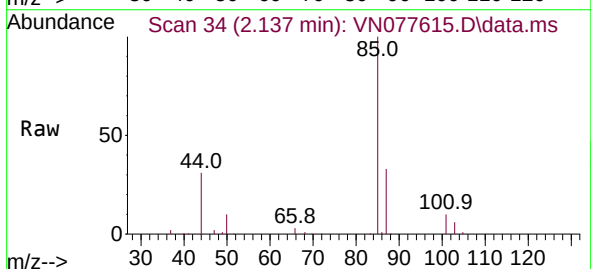
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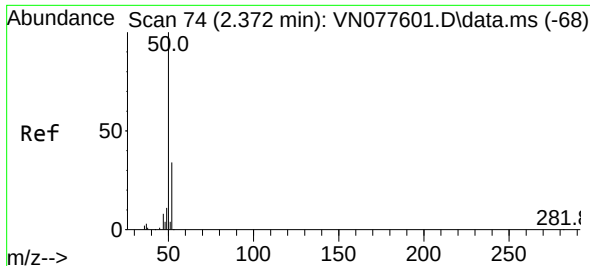
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#2
Dichlorodifluoromethane
Concen: 18.652 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

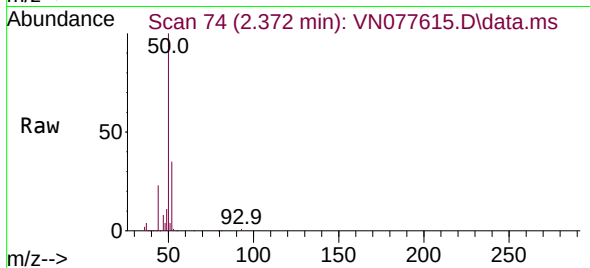
Tgt Ion: 85 Resp: 143556
Ion Ratio Lower Upper
85 100
87 32.9 15.3 45.9





#3
Chloromethane
Concen: 19.040 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

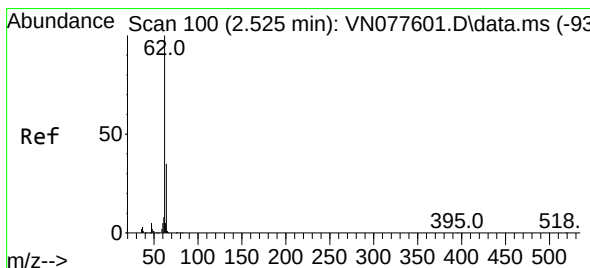
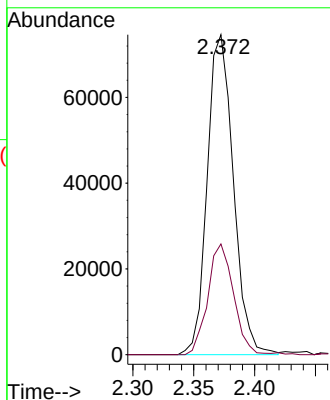
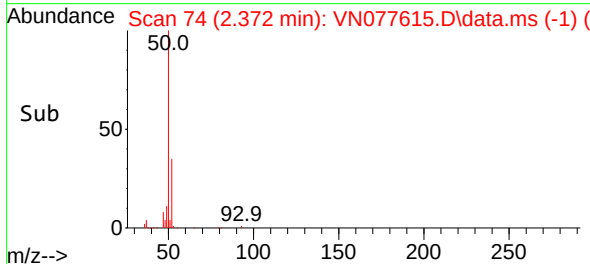
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBS01



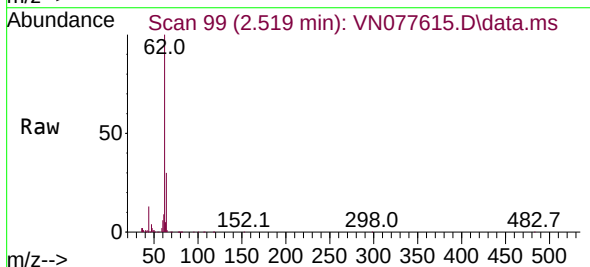
Tgt Ion: 50 Resp: 111368
Ion Ratio Lower Upper
50 100
52 34.6 27.3 40.9

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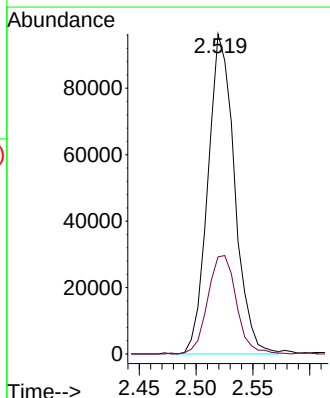
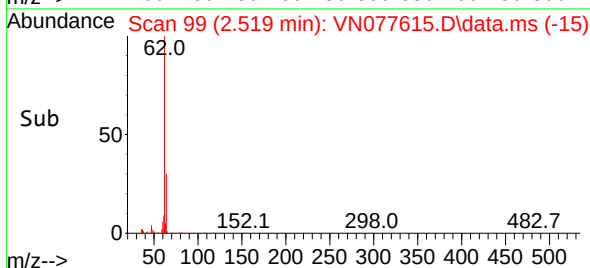
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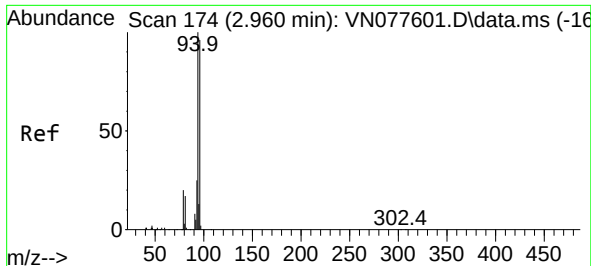


#4
Vinyl Chloride
Concen: 17.488 ug/l
RT: 2.519 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10



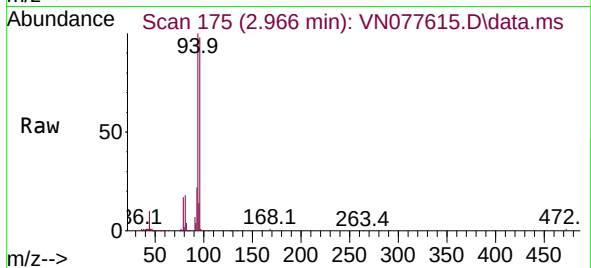
Tgt Ion: 62 Resp: 157396
Ion Ratio Lower Upper
62 100
64 30.4 27.8 41.6





#5
Bromomethane
Concen: 21.549 ug/l
RT: 2.966 min Scan# 174
Delta R.T. 0.006 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

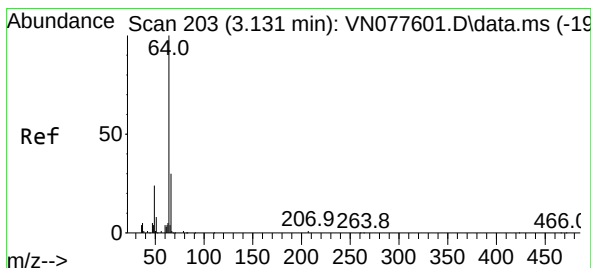
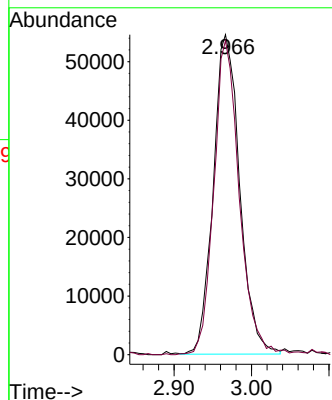
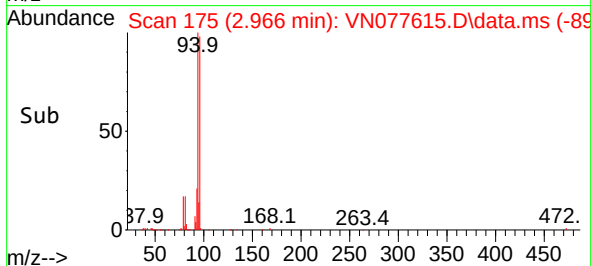
Instrument :
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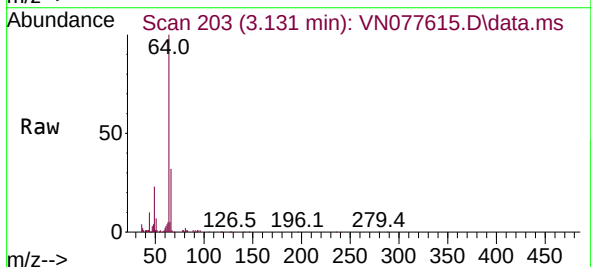
Tgt Ion: 94 Resp: 129280
Ion Ratio Lower Upper
94 100
96 98.2 76.7 115.1

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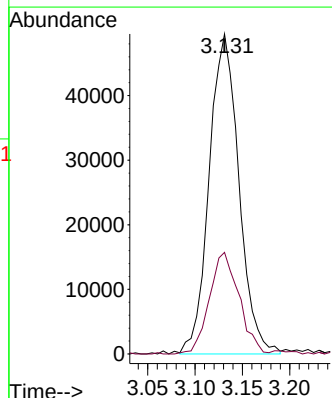
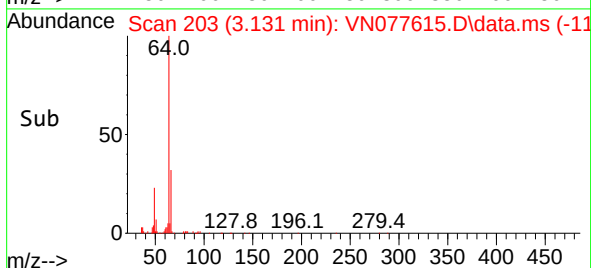
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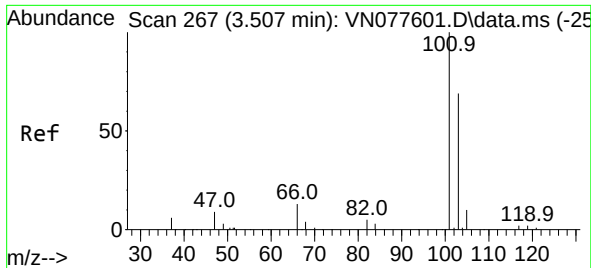


#6
Chloroethane
Concen: 18.415 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10



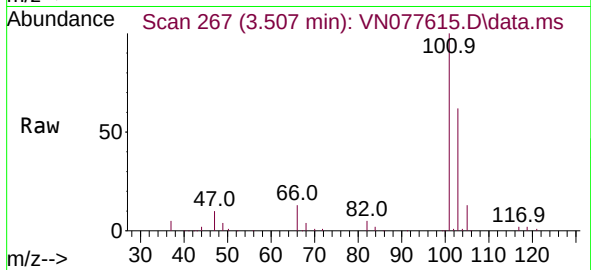
Tgt Ion: 64 Resp: 108280
Ion Ratio Lower Upper
64 100
66 31.5 24.2 36.4





#7
Trichlorofluoromethane
Concen: 16.523 ug/l
RT: 3.507 min Scan# 20224
Delta R.T. 0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

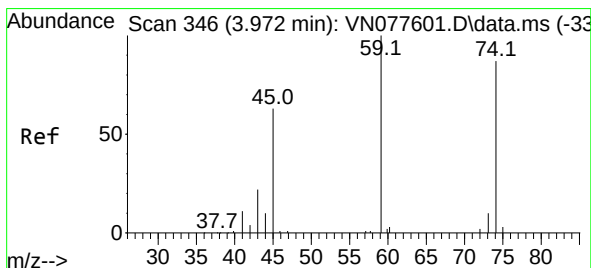
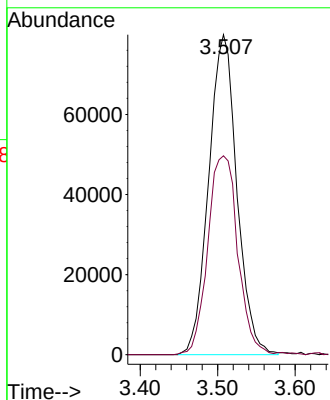
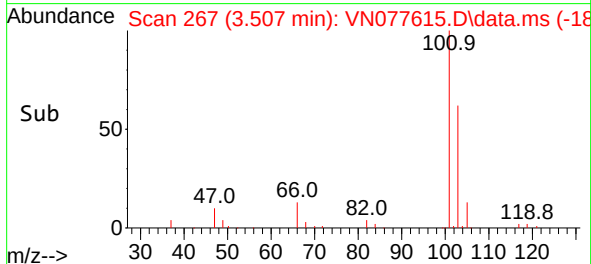
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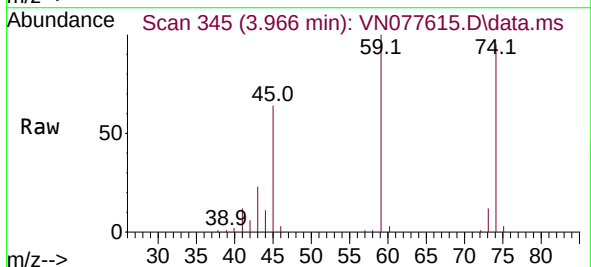
Tgt Ion:101 Resp: 20224
Ion Ratio Lower Upper
101 100
103 61.9 55.0 82.4

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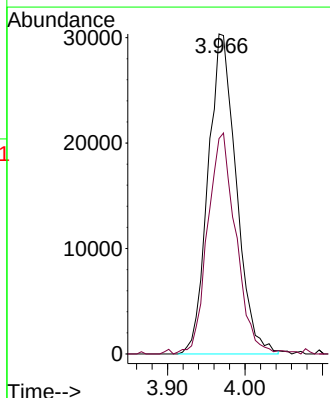
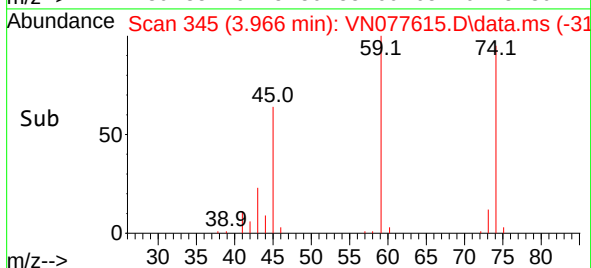
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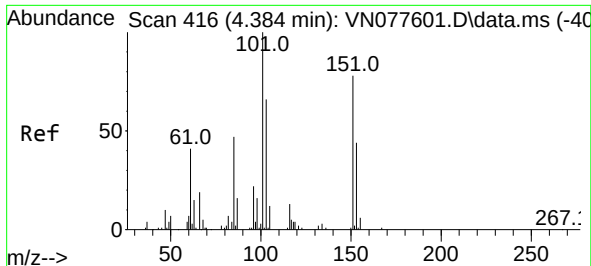


#8
Diethyl Ether
Concen: 19.871 ug/l
RT: 3.966 min Scan# 345
Delta R.T. -0.006 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10



Tgt Ion: 74 Resp: 76660
Ion Ratio Lower Upper
74 100
45 69.0 14.8 133.2





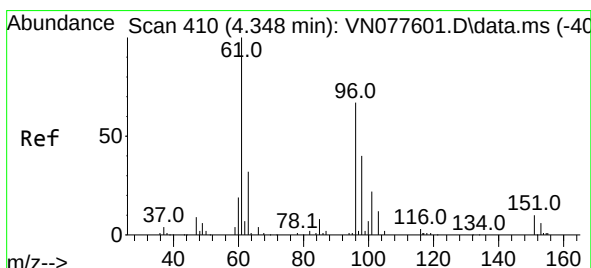
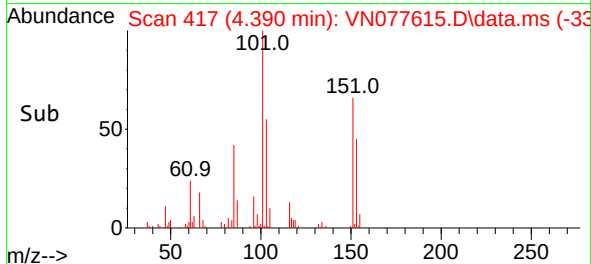
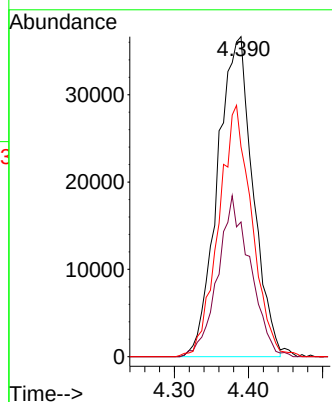
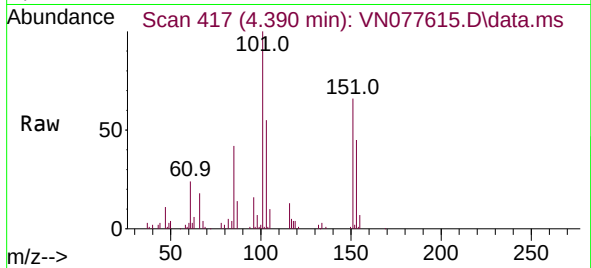
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.401 ug/l
RT: 4.390 min Scan# 416
Delta R.T. 0.006 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0508WBS01

Tgt Ion:101 Resp: 12157
Ion Ratio Lower Upper
101 100
85 45.9 0.0 92.6
151 73.5 0.0 137.4

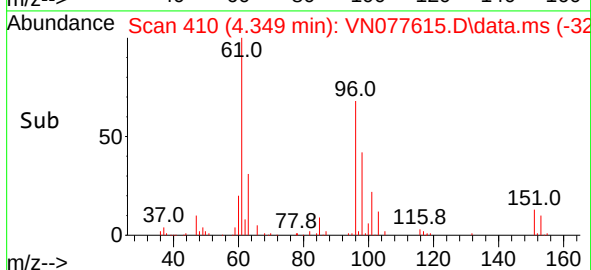
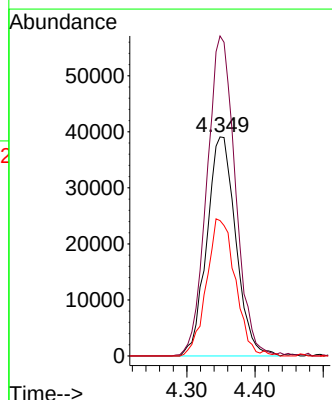
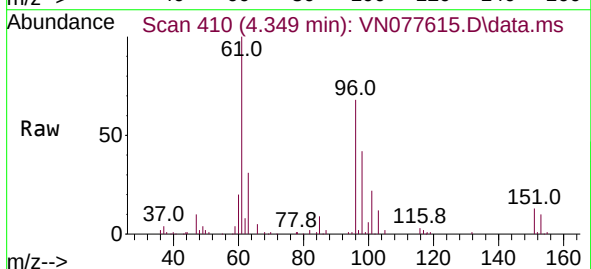
Manual Integrations
APPROVED

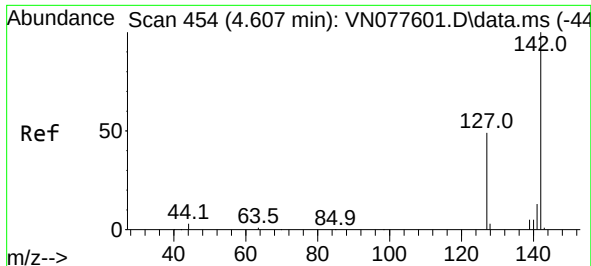
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#10
1,1-Dichloroethene
Concen: 18.507 ug/l
RT: 4.349 min Scan# 410
Delta R.T. 0.001 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

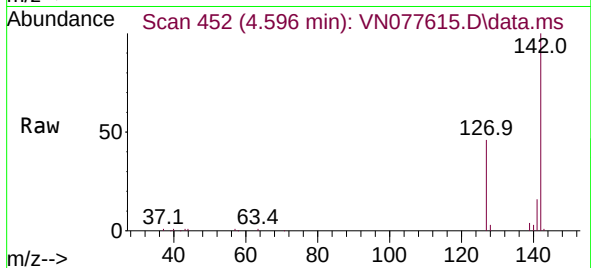
Tgt Ion: 96 Resp: 115585
Ion Ratio Lower Upper
96 100
61 145.5 120.1 180.1
98 61.8 48.3 72.5





#11
Methyl Iodide
Concen: 18.859 ug/l
RT: 4.596 min Scan# 411
Delta R.T. -0.011 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

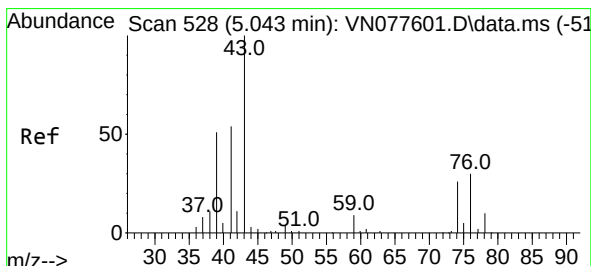
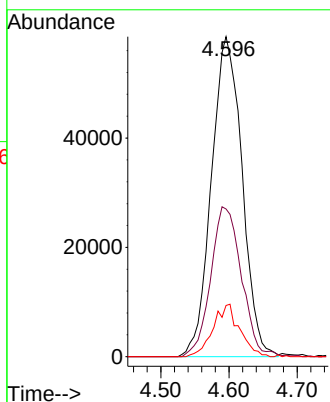
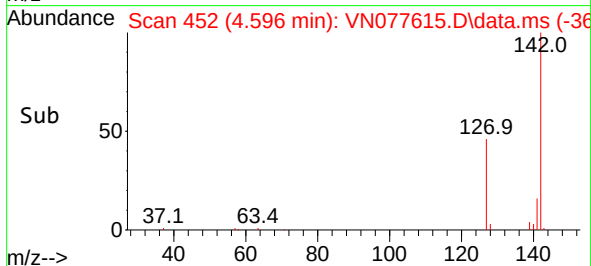
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBS01



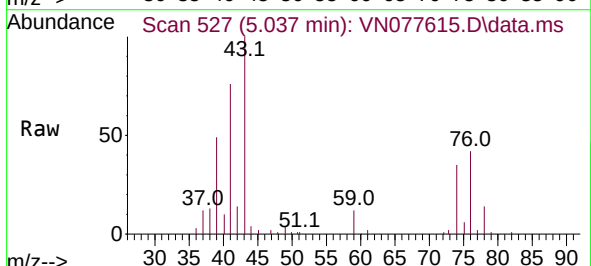
Tgt Ion:142 Resp: 18320
Ion Ratio Lower Upper
142 100
127 46.0 24.6 73.6
141 15.8 6.4 19.2

Manual Integrations
APPROVED

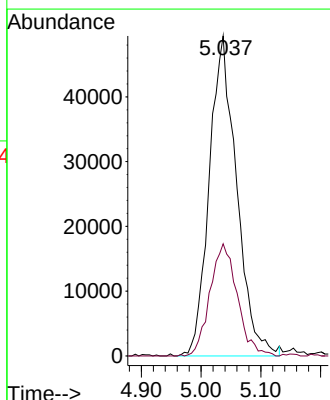
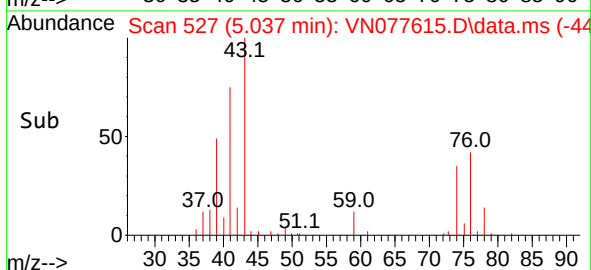
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

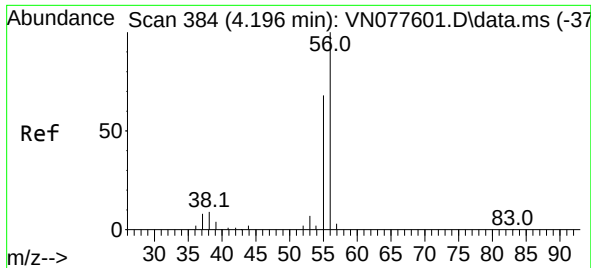


#12
Methyl Acetate
Concen: 20.884 ug/l m
RT: 5.037 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10



Tgt Ion: 43 Resp: 157671
Ion Ratio Lower Upper
43 100
74 35.1 20.6 31.0#





#13

Acrolein

Concen: 97.966 ug/l

RT: 4.190 min Scan# 384

Delta R.T. -0.006 min

Lab File: VN077615.D

Acq: 08 May 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBS01

Tgt Ion: 56 Resp: 90599

Ion Ratio Lower Upper

56 100

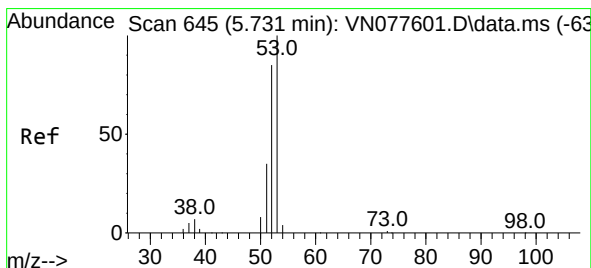
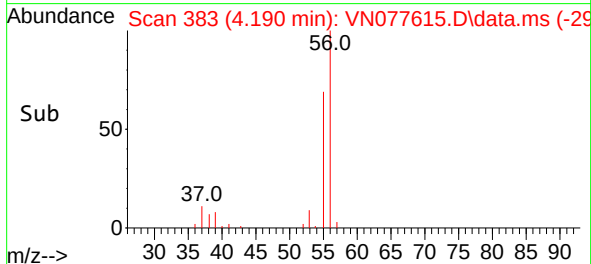
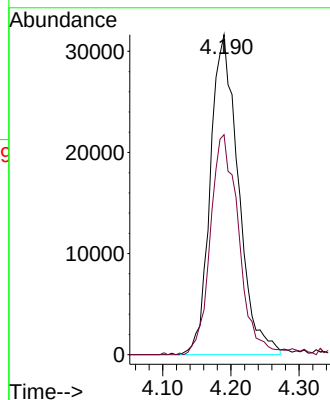
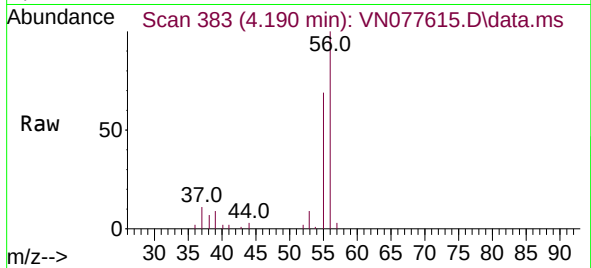
55 69.3 54.8 82.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#14

Acrylonitrile

Concen: 105.853 ug/l

RT: 5.731 min Scan# 645

Delta R.T. -0.000 min

Lab File: VN077615.D

Acq: 08 May 2023 14:10

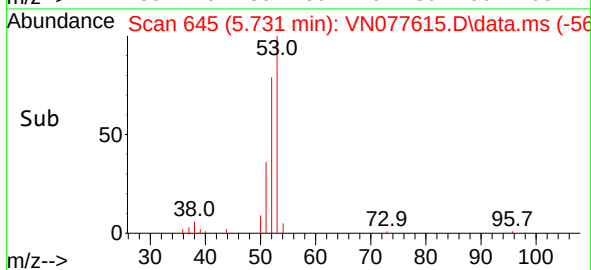
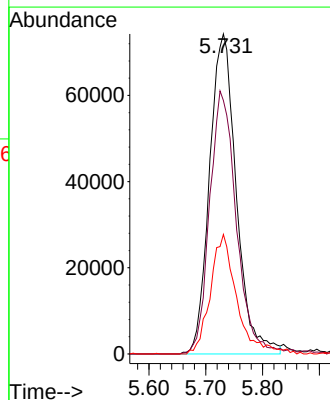
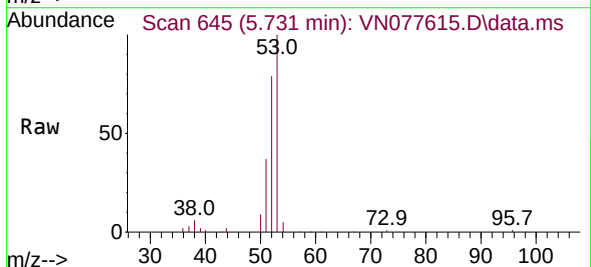
Tgt Ion: 53 Resp: 243100

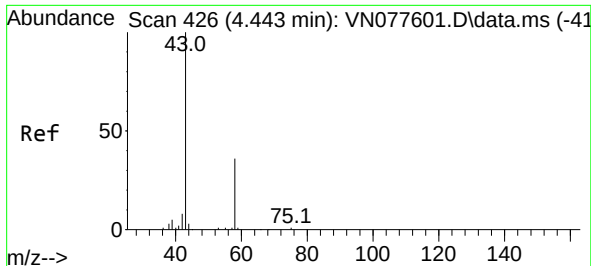
Ion Ratio Lower Upper

53 100

52 80.9 41.6 124.8

51 35.3 17.6 52.9





#15

Acetone

Concen: 99.044 ug/l

RT: 4.437 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN077615.D

Acq: 08 May 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBS01

Tgt Ion: 58 Resp: 6903

Ion Ratio Lower Upper

58 100

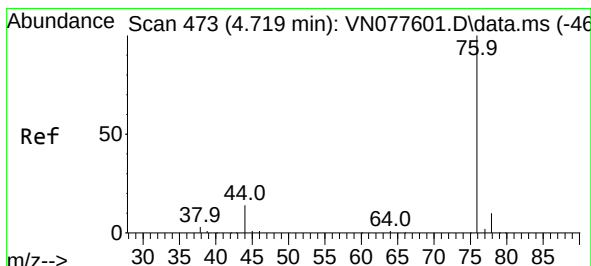
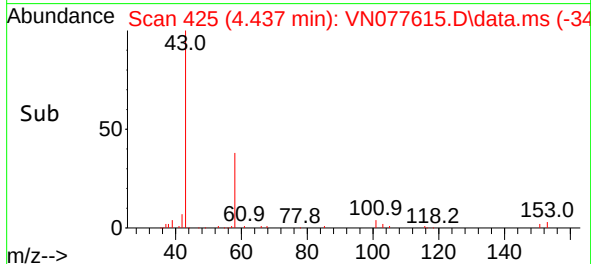
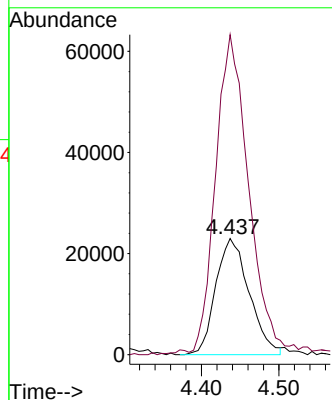
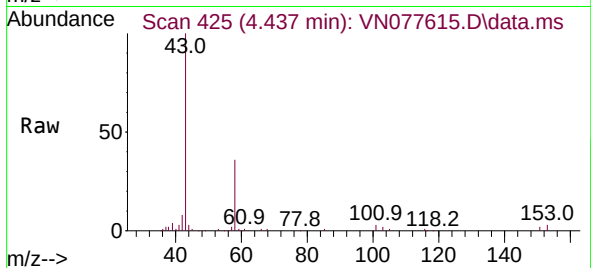
43 271.4 223.2 334.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#16

Carbon Disulfide

Concen: 17.940 ug/l

RT: 4.725 min Scan# 474

Delta R.T. 0.006 min

Lab File: VN077615.D

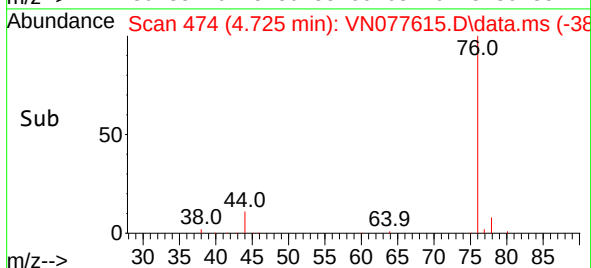
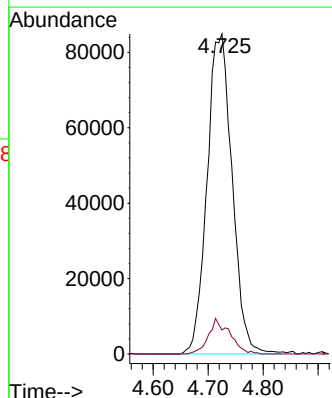
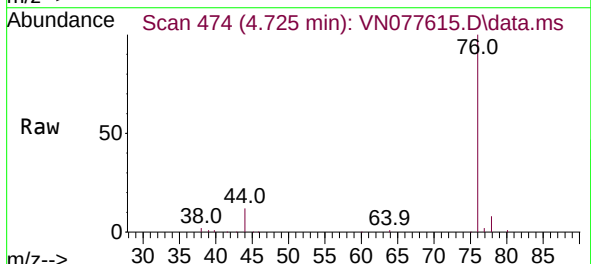
Acq: 08 May 2023 14:10

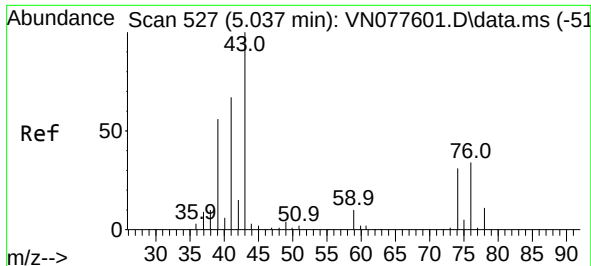
Tgt Ion: 76 Resp: 269152

Ion Ratio Lower Upper

76 100

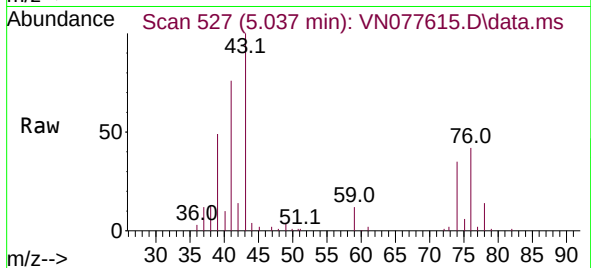
78 7.5 7.6 11.4#





#17
 Allyl chloride
 Concen: 18.535 ug/l
 RT: 5.037 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN077615.D
 Acq: 08 May 2023 14:10

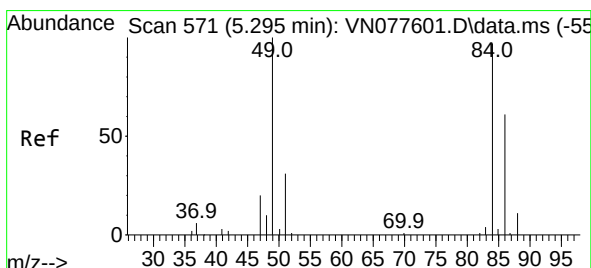
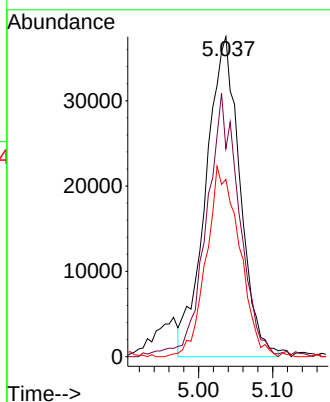
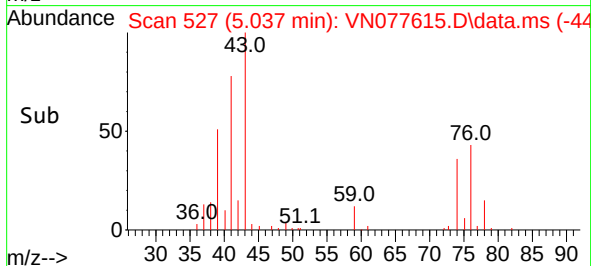
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0508WBS01



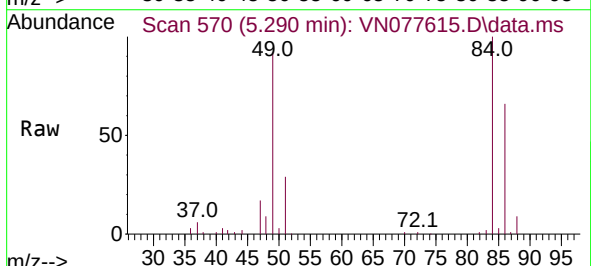
Tgt Ion: 41 Resp: 120168
 Ion Ratio Lower Upper
 41 100
 39 65.4 39.5 118.3
 76 56.4 23.4 70.3

Manual Integrations
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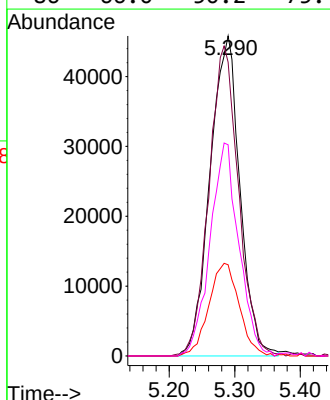
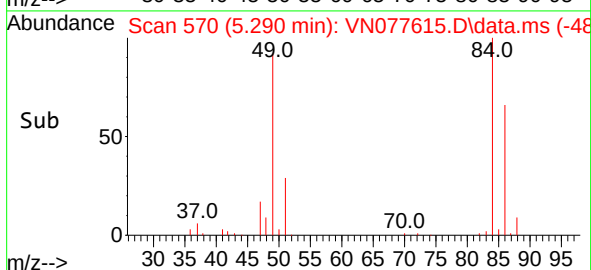
Reviewed By :John Carlone 05/09/2023
 Supervised By :Mahesh Dadoda 05/09/2023

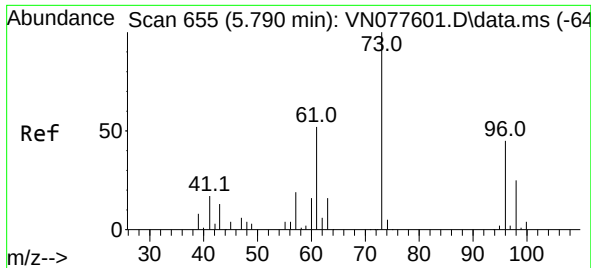


#18
 Methylene Chloride
 Concen: 19.061 ug/l
 RT: 5.290 min Scan# 570
 Delta R.T. -0.005 min
 Lab File: VN077615.D
 Acq: 08 May 2023 14:10



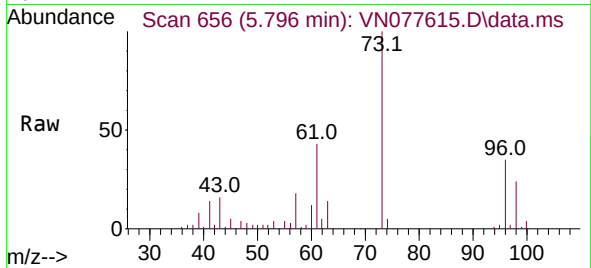
Tgt Ion: 84 Resp: 144689
 Ion Ratio Lower Upper
 84 100
 49 91.2 82.4 123.6
 51 28.5 25.1 37.7
 86 66.0 50.2 75.4





#19
trans-1,2-Dichloroethene
Concen: 18.431 ug/l
RT: 5.796 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

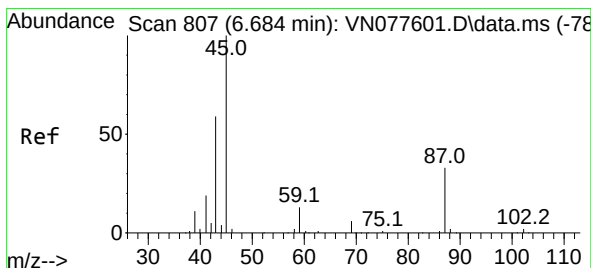
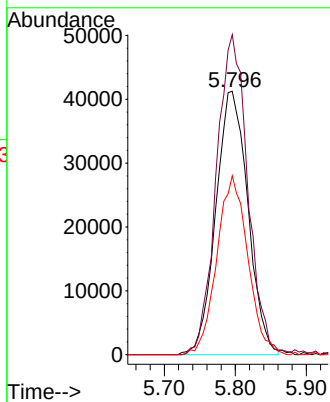
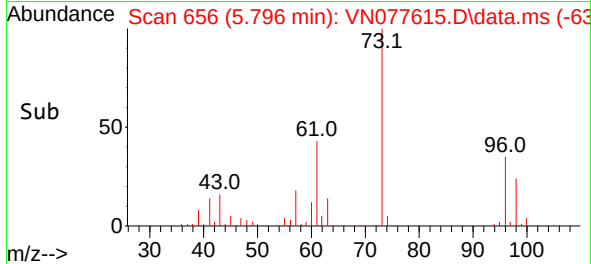
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBS01



Tgt Ion: 96 Resp: 129499
Ion Ratio Lower Upper
96 100
61 121.5 92.4 138.6
98 67.9 44.8 67.2

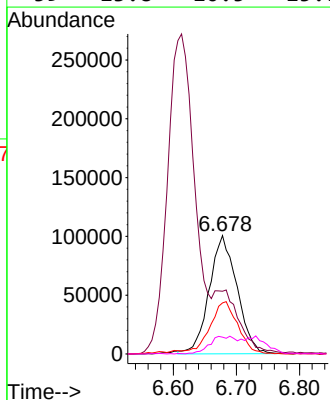
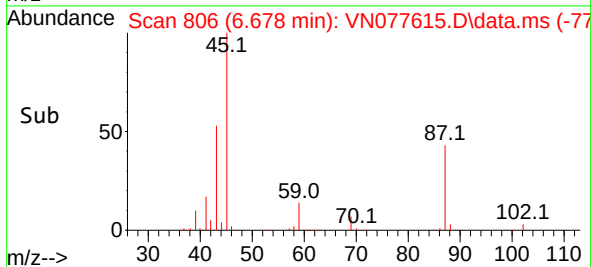
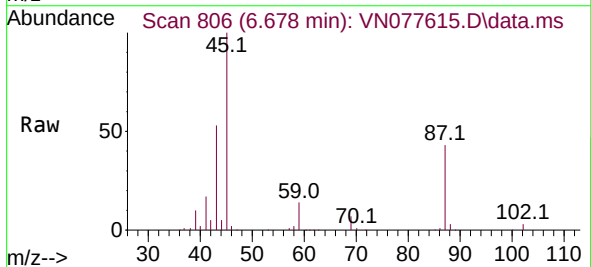
Manual Integrations
APPROVED

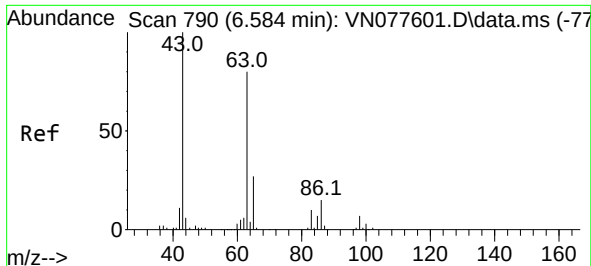
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#20
Diisopropyl ether
Concen: 19.495 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

Tgt Ion: 45 Resp: 307400
Ion Ratio Lower Upper
45 100
43 51.5 47.1 70.7
87 42.9 26.2 39.2
59 13.8 10.5 15.7





#21

1,1-Dichloroethane

Concen: 19.176 ug/l

RT: 6.578 min Scan# 790

Delta R.T. -0.006 min

Lab File: VN077615.D

Acq: 08 May 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBS01

Tgt Ion: 63 Resp: 221790

Ion Ratio Lower Upper

63 100

98 8.2 4.3 13.1

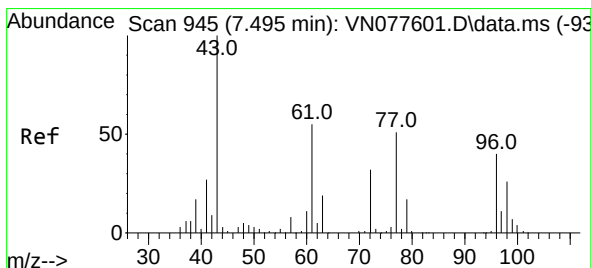
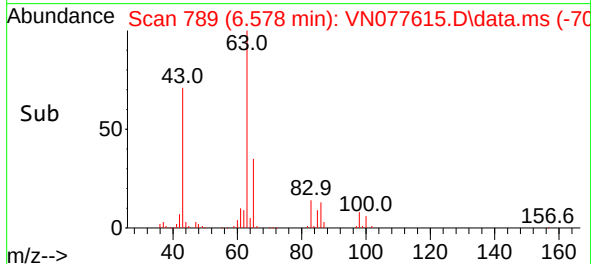
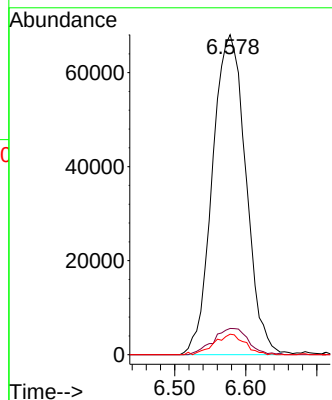
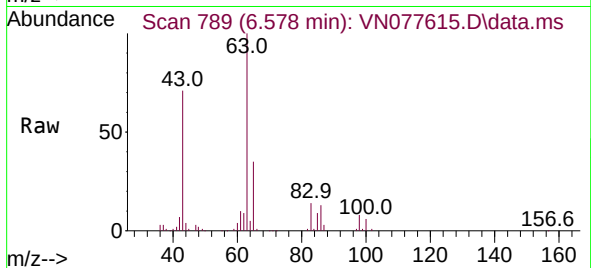
100 6.4 2.3 6.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#22

cis-1,2-Dichloroethene

Concen: 19.644 ug/l

RT: 7.495 min Scan# 945

Delta R.T. 0.000 min

Lab File: VN077615.D

Acq: 08 May 2023 14:10

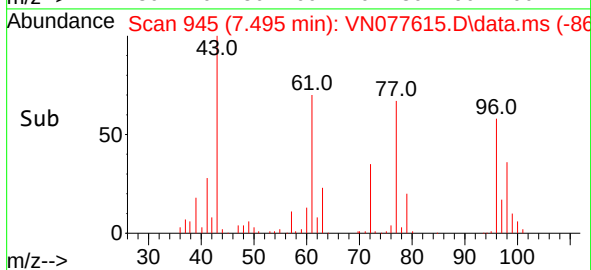
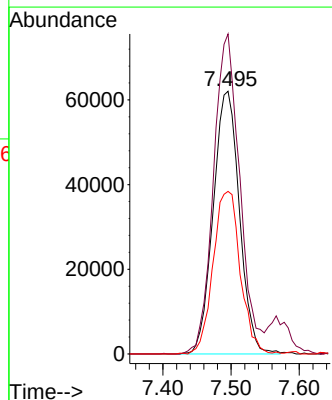
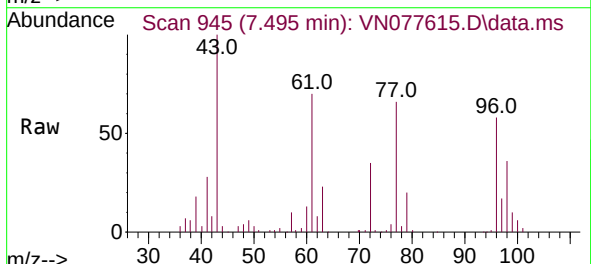
Tgt Ion: 96 Resp: 166318

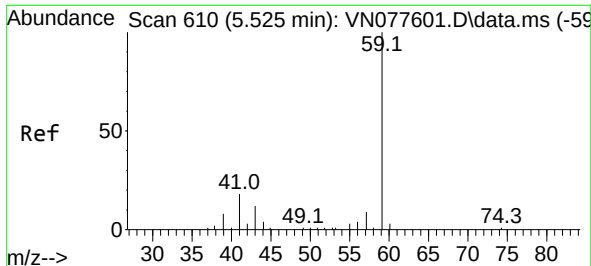
Ion Ratio Lower Upper

96 100

61 122.2 109.4 164.0

98 64.0 51.2 76.8





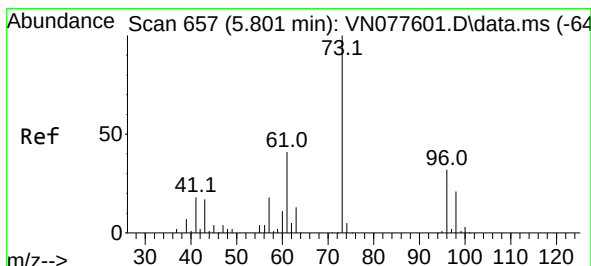
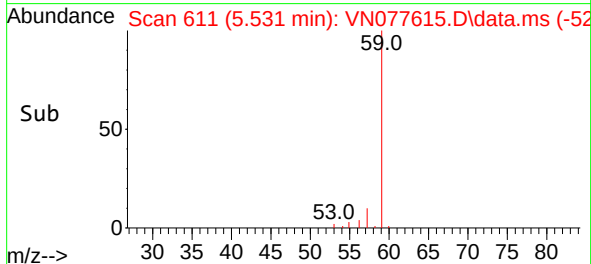
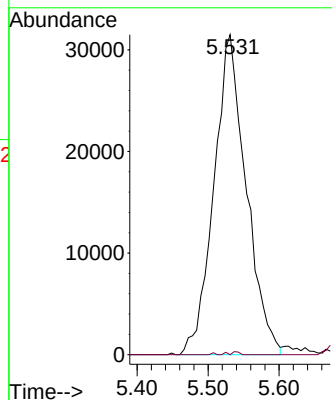
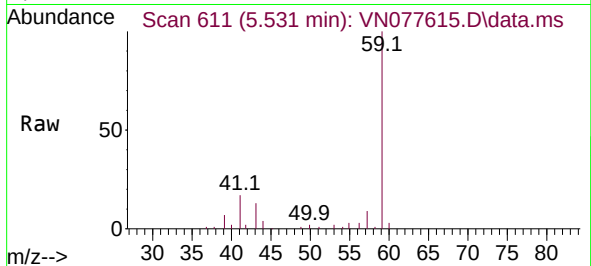
#23
tert-Butyl Alcohol
Concen: 110.313 ug/l
RT: 5.531 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0508WBS01

Tgt Ion: 59 Resp: 99245
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0

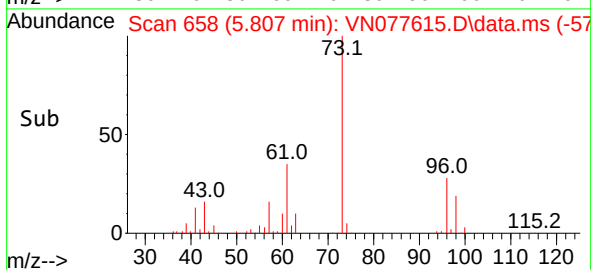
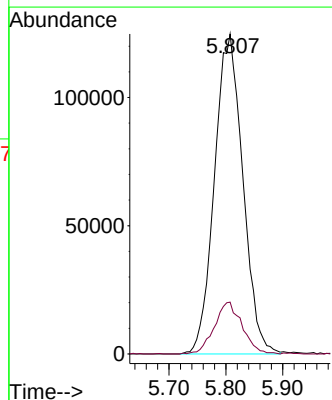
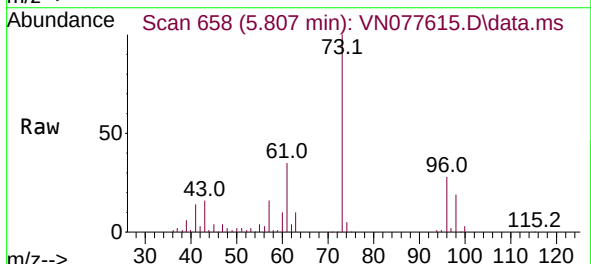
Manual Integrations
APPROVED

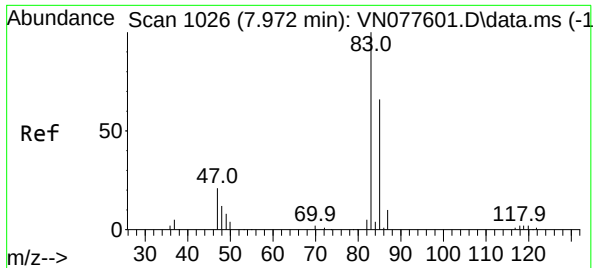
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#24
Methyl tert-Butyl Ether
Concen: 20.431 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.006 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

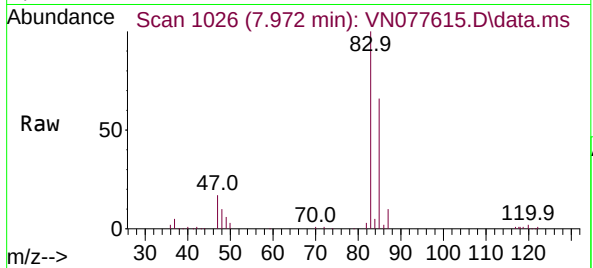
Tgt Ion: 73 Resp: 431922
Ion Ratio Lower Upper
73 100
43 15.8 14.3 21.5





#25
Chloroform
Concen: 19.635 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

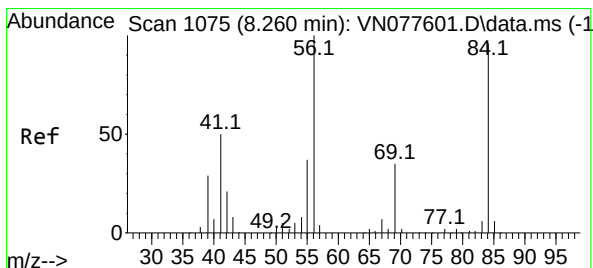
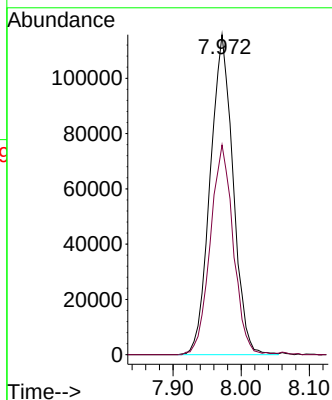
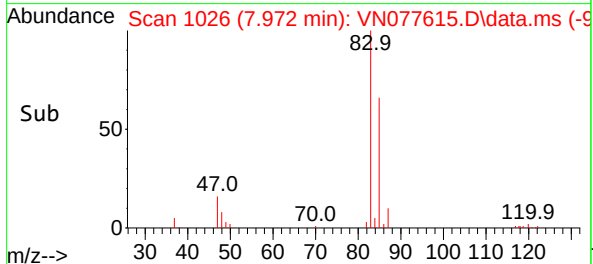
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBS01



Tgt Ion: 83 Resp: 270690
Ion Ratio Lower Upper
83 100
85 65.5 53.0 79.6

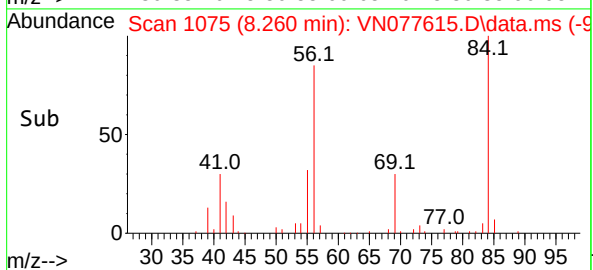
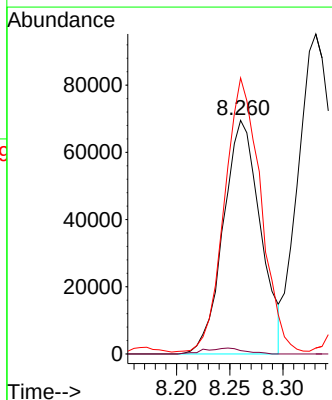
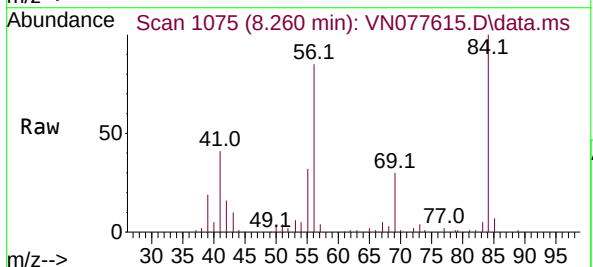
Manual Integrations
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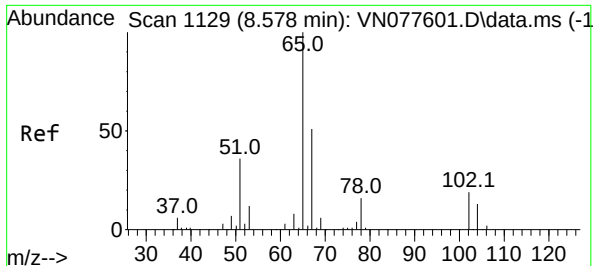
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#26
Cyclohexane
Concen: 17.670 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

Tgt Ion: 56 Resp: 167774
Ion Ratio Lower Upper
56 100
89 1.9 0.0 0.0#
84 117.1 84.6 126.8





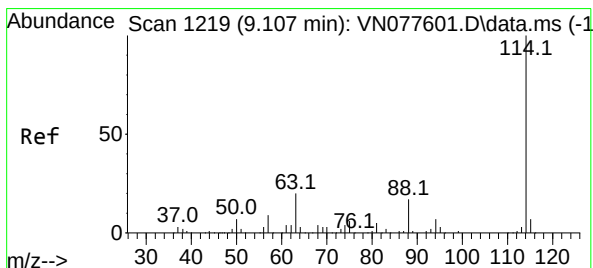
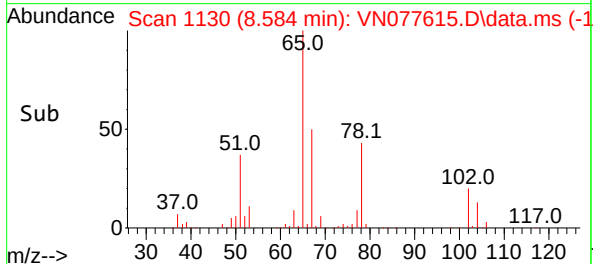
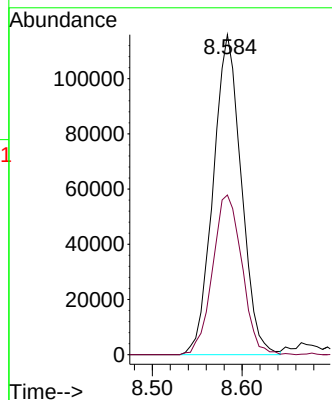
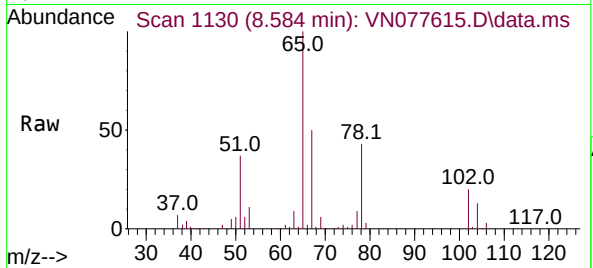
#27
1,2-Dichloroethane-d4
Concen: 29.914 ug/l
RT: 8.584 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0508WBS01

Tgt Ion: 65 Resp: 252180
Ion Ratio Lower Upper
65 100
67 52.0 41.3 61.9

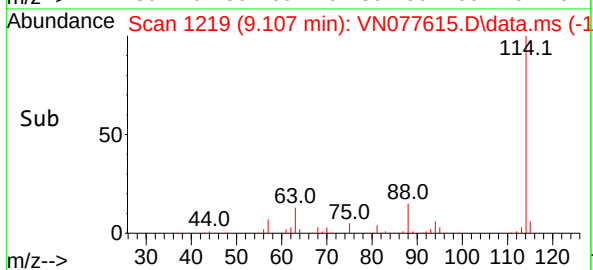
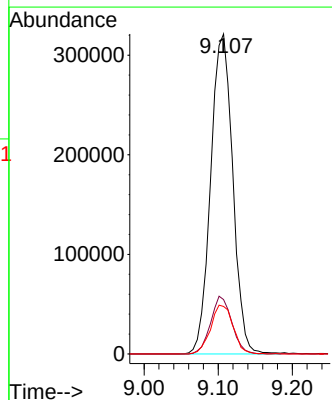
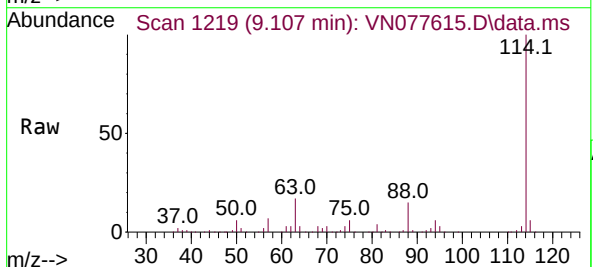
Manual Integrations
APPROVED

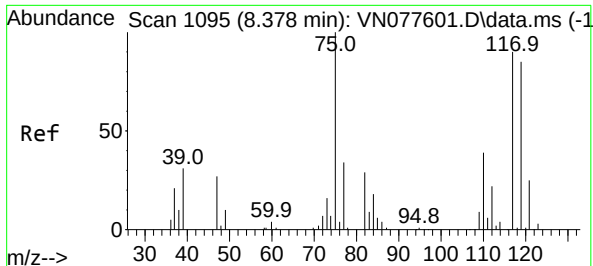
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

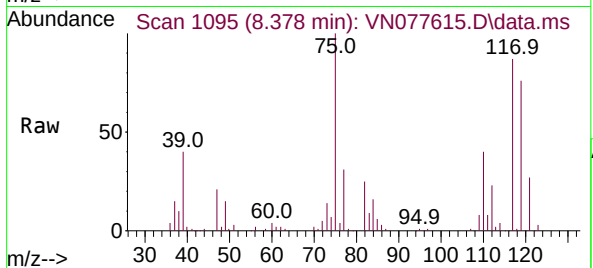
Tgt Ion:114 Resp: 664638
Ion Ratio Lower Upper
114 100
63 17.3 15.8 23.6
88 15.5 13.0 19.4





#29
1,1-Dichloropropene
Concen: 19.287 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

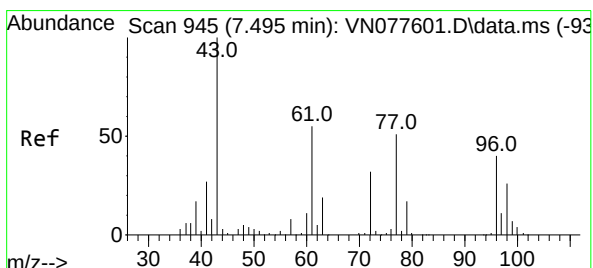
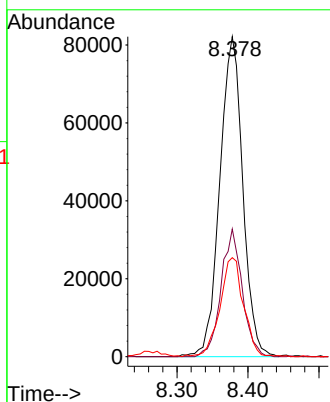
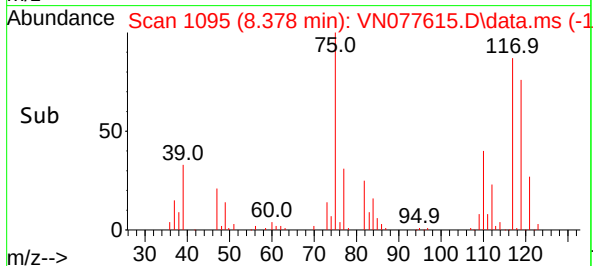
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBS01



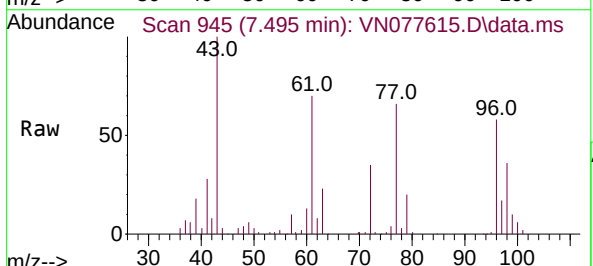
Tgt Ion: 75 Resp: 184544
Ion Ratio Lower Upper
75 100
110 36.7 0.0 69.8
77 31.3 0.0 61.4

Manual Integrations
APPROVED

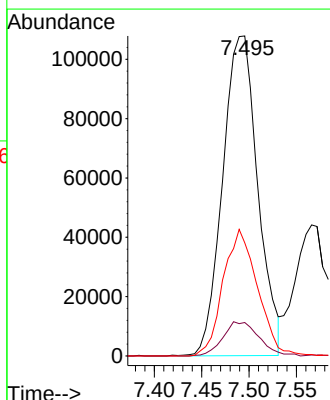
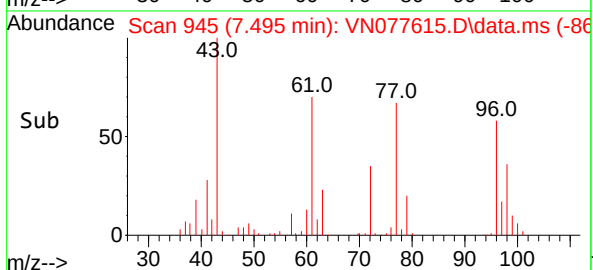
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

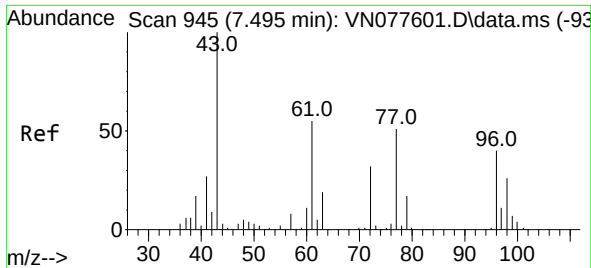


#30
2-Butanone
Concen: 109.335 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10



Tgt Ion: 43 Resp: 278846
Ion Ratio Lower Upper
43 100
57 10.8 7.2 10.8#
72 38.7 26.2 39.2





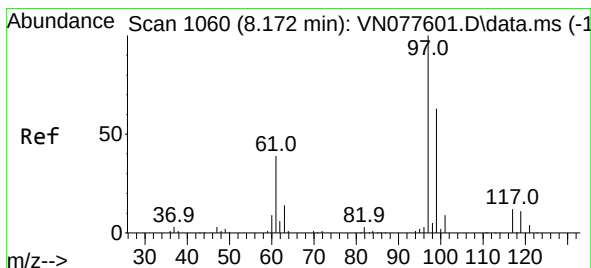
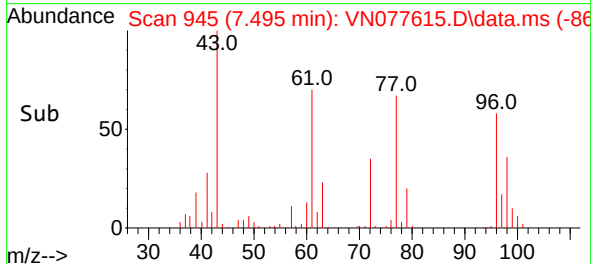
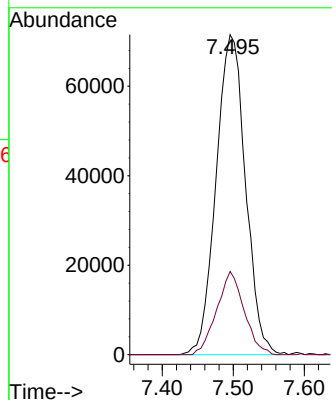
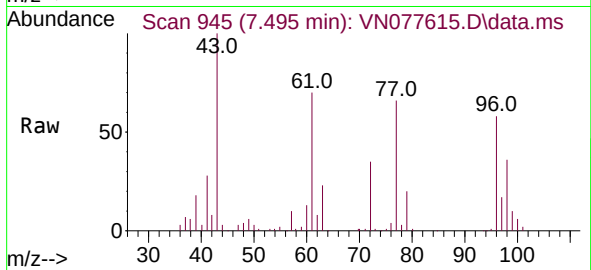
#31
2,2-Dichloropropane
Concen: 18.440 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0508WBS01

Tgt Ion: 77 Resp: 20555
Ion Ratio Lower Upper
77 100
97 24.2 19.1 28.7

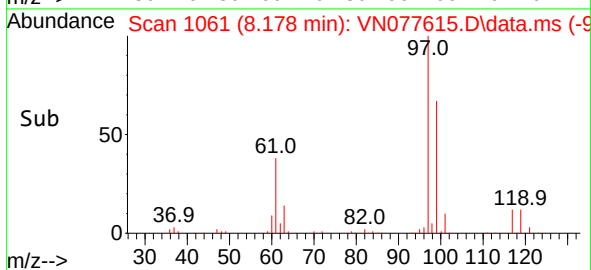
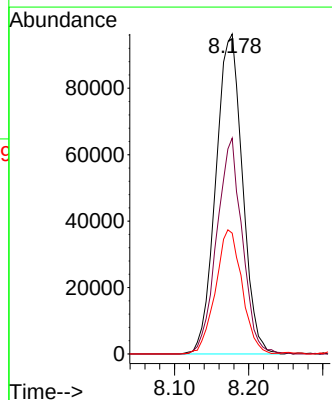
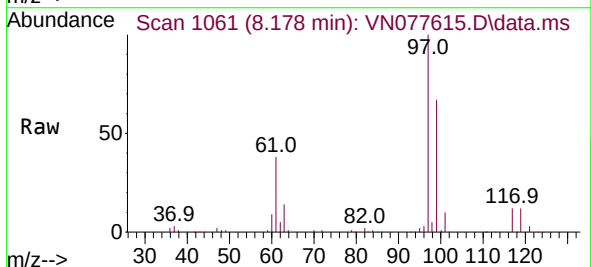
Manual Integrations
APPROVED

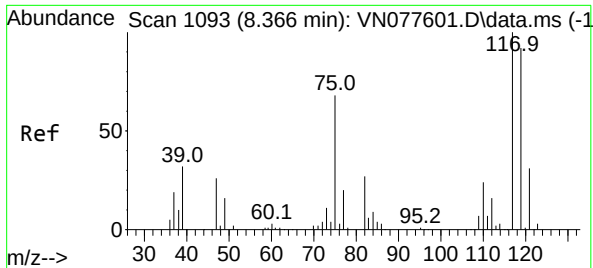
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#32
1,1,1-Trichloroethane
Concen: 19.396 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

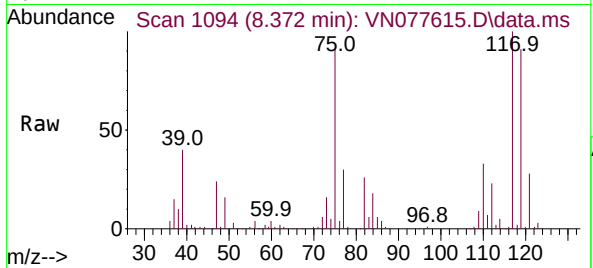
Tgt Ion: 97 Resp: 240185
Ion Ratio Lower Upper
97 100
99 64.7 53.1 79.7
61 38.9 35.1 52.7





#33
Carbon Tetrachloride
Concen: 19.639 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. 0.006 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

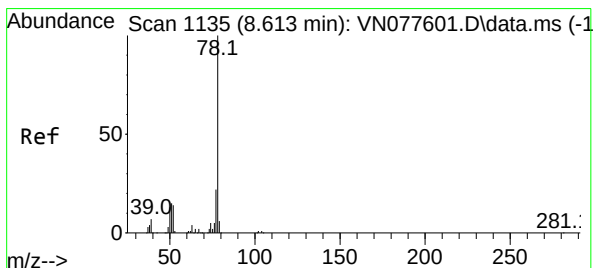
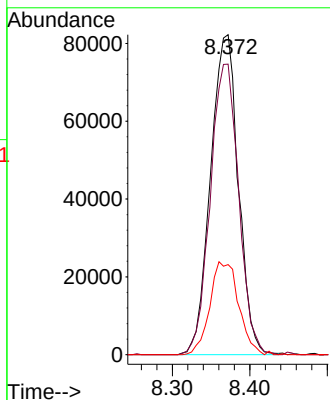
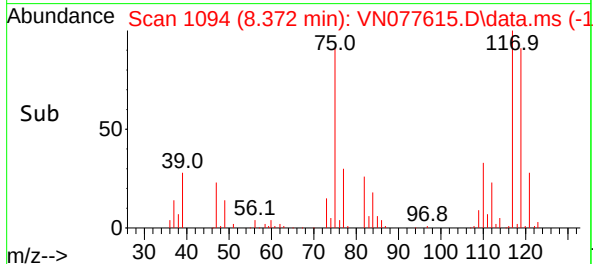
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBS01



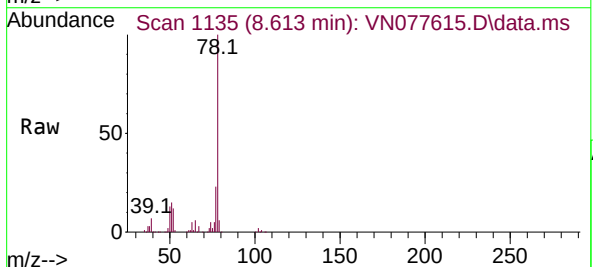
Tgt Ion: 117 Resp: 20565
Ion Ratio Lower Upper
117 100
119 90.8 73.9 110.9
121 28.1 25.0 37.4

Manual Integrations
APPROVED

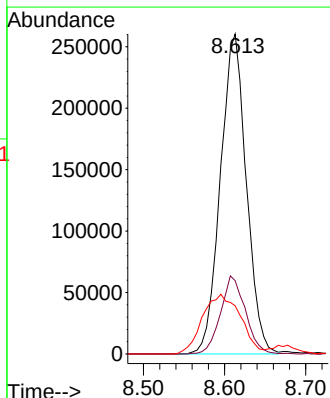
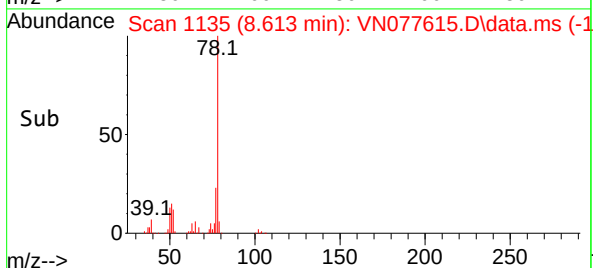
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

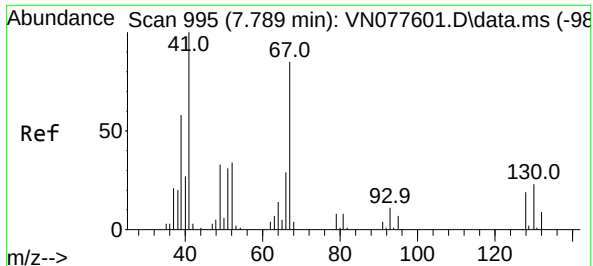


#34
Benzene
Concen: 19.986 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10



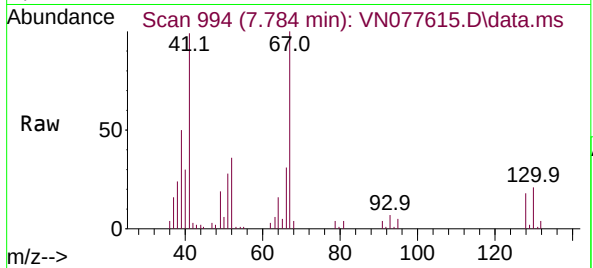
Tgt Ion: 78 Resp: 577414
Ion Ratio Lower Upper
78 100
77 22.9 17.2 25.8
51 14.8 12.3 18.5





#35
Methacrylonitrile
Concen: 21.032 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.005 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

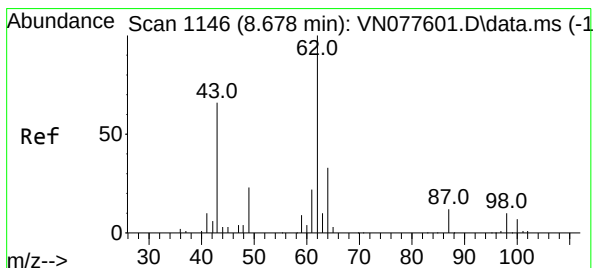
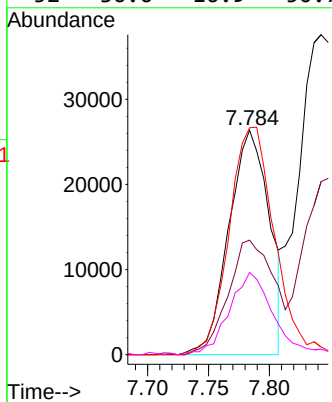
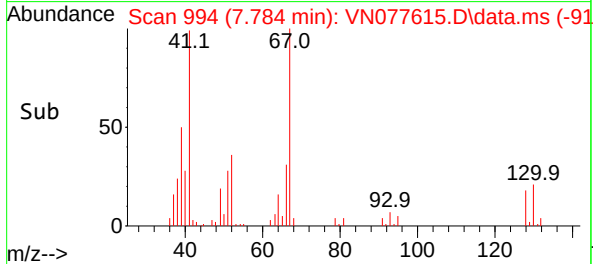
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBS01



Tgt Ion: 41 Resp: 6088
Ion Ratio Lower Upper
41 100
39 51.0 28.7 86.3
67 101.1 42.7 128.1
52 36.6 16.9 50.7

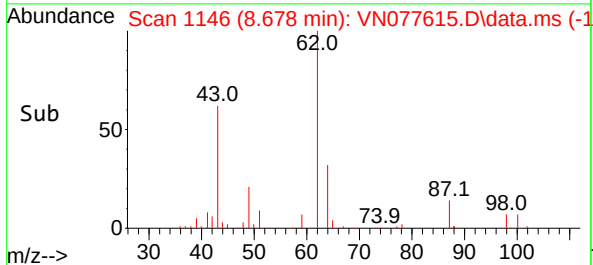
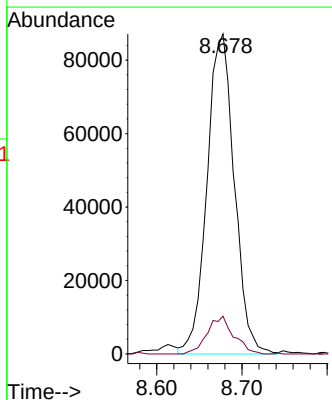
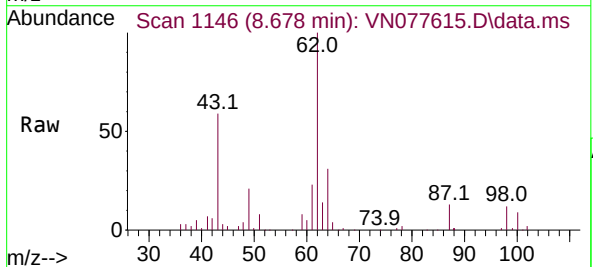
Manual Integrations
APPROVED

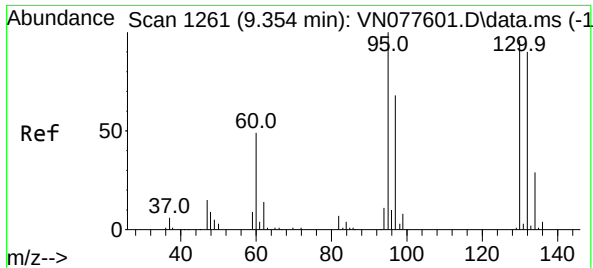
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#36
1,2-Dichloroethane
Concen: 20.197 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

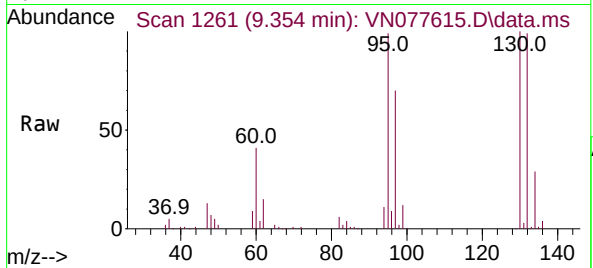
Tgt Ion: 62 Resp: 194538
Ion Ratio Lower Upper
62 100
98 11.4 7.6 11.4





#37
Trichloroethene
Concen: 19.996 ug/l
RT: 9.354 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

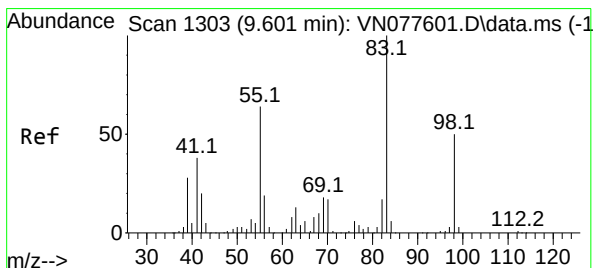
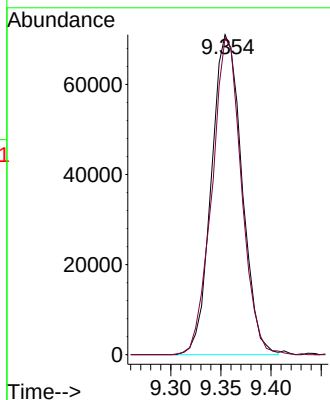
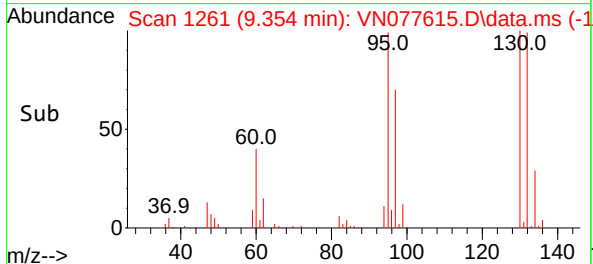
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBS01



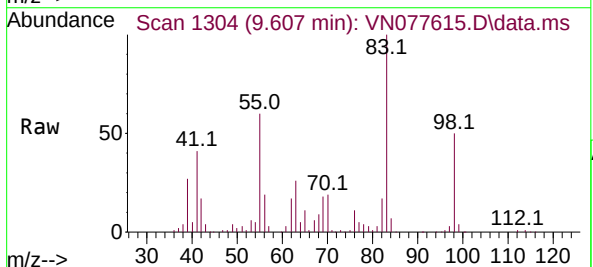
Tgt Ion:130 Resp: 149339
Ion Ratio Lower Upper
130 100
95 98.6 83.0 124.6

Manual Integrations
APPROVED

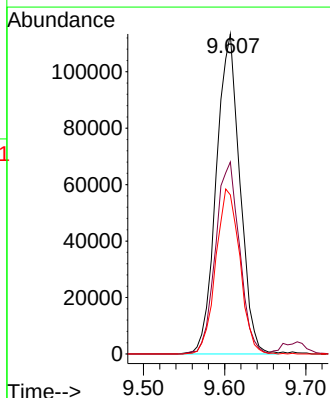
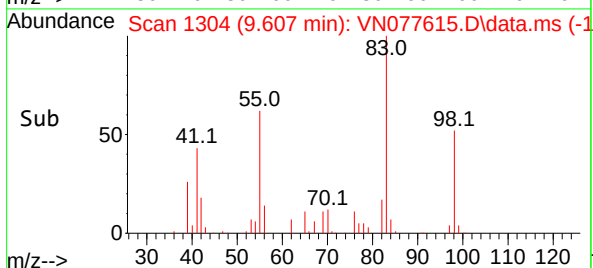
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

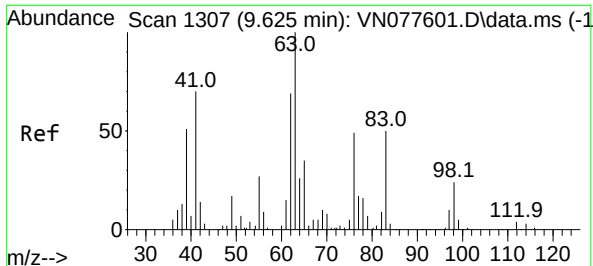


#38
Methylcyclohexane
Concen: 18.609 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10



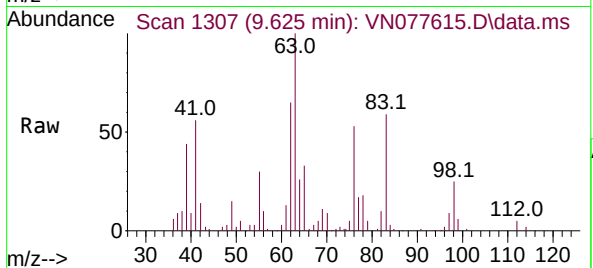
Tgt Ion: 83 Resp: 229260
Ion Ratio Lower Upper
83 100
55 60.1 33.6 100.8
98 52.5 25.3 75.8





#39
1,2-Dichloropropane
Concen: 20.217 ug/l
RT: 9.625 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

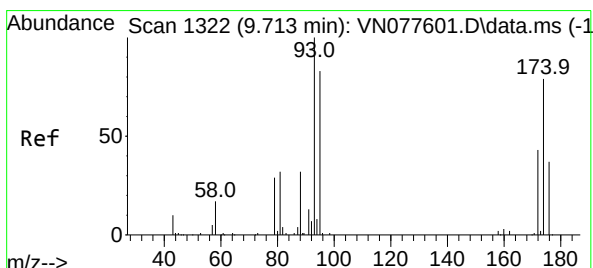
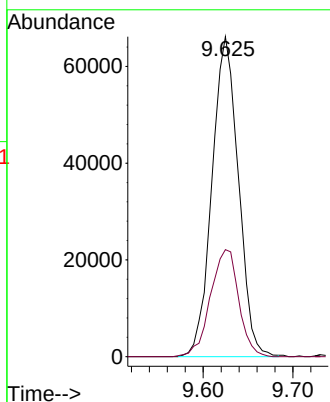
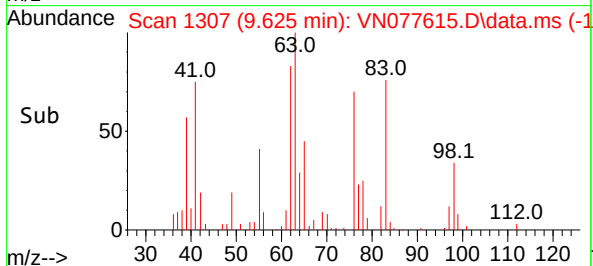
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBS01



Tgt Ion: 63 Resp: 135229
Ion Ratio Lower Upper
63 100
65 33.5 28.2 42.4

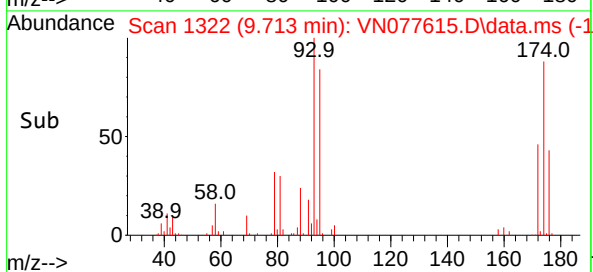
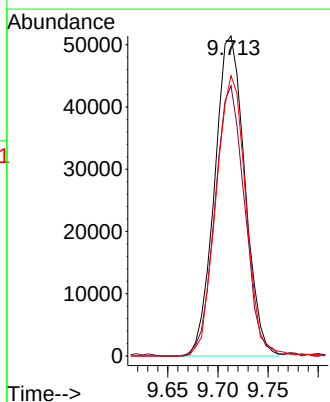
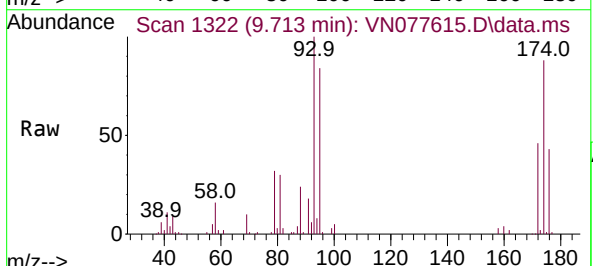
Manual Integrations
APPROVED

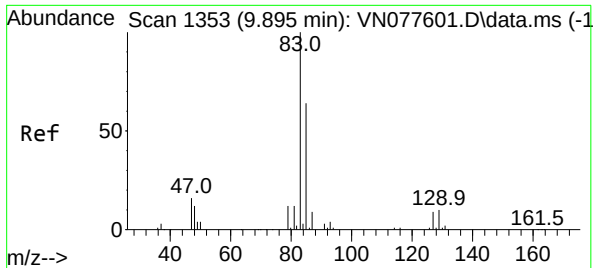
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#40
Dibromomethane
Concen: 20.383 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

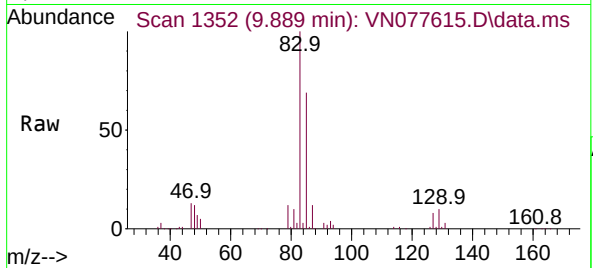
Tgt Ion: 93 Resp: 107485
Ion Ratio Lower Upper
93 100
95 82.8 0.0 164.0
174 86.5 0.0 157.0





#41
Bromodichloromethane
Concen: 19.795 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

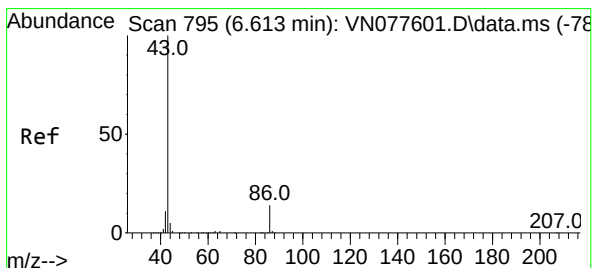
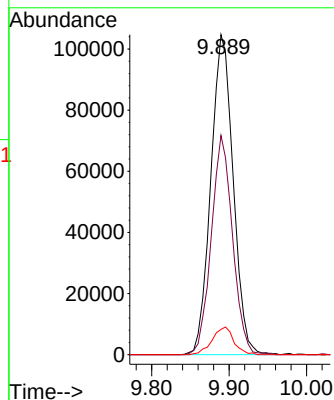
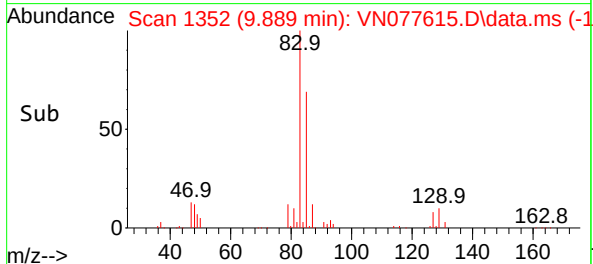
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBS01



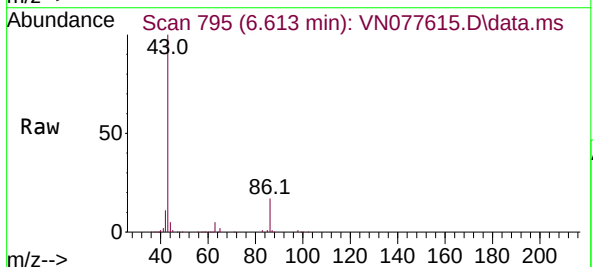
Tgt Ion: 83 Resp: 210199
Ion Ratio Lower Upper
83 100
85 68.5 51.2 76.8
127 7.9 7.3 10.9

Manual Integrations
APPROVED

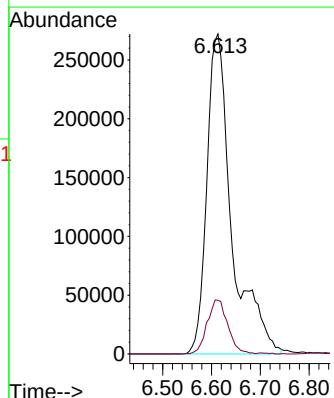
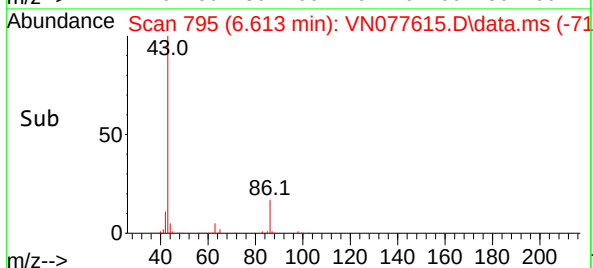
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

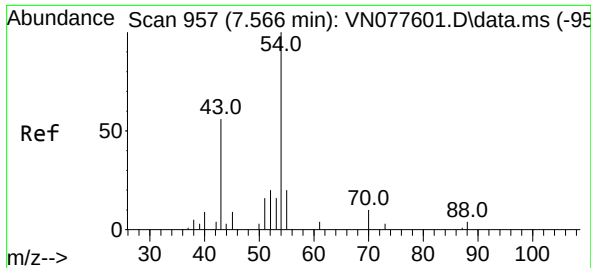


#42
Vinyl Acetate
Concen: 102.189 ug/l m
RT: 6.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10



Tgt Ion: 43 Resp: 966750
Ion Ratio Lower Upper
43 100
86 13.9 10.3 15.5





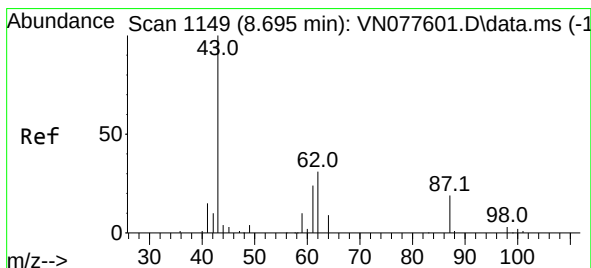
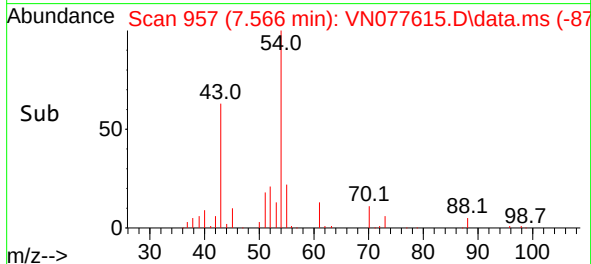
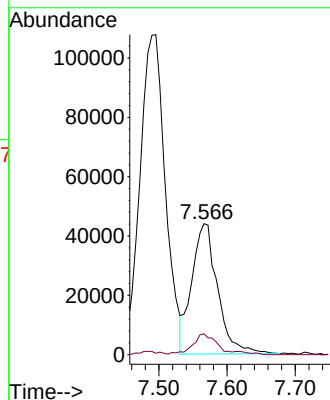
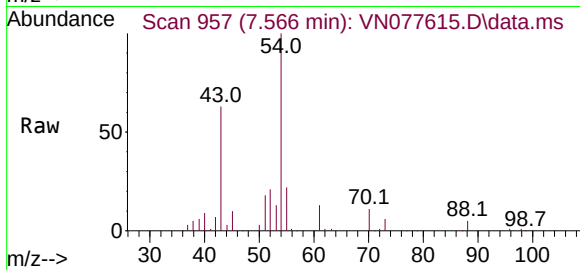
#43
Ethyl Acetate
Concen: 21.052 ug/l
RT: 7.566 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0508WBS01

Tgt Ion: 43 Resp: 115380
Ion Ratio Lower Upper
43 100
45 13.8 8.2 12.4

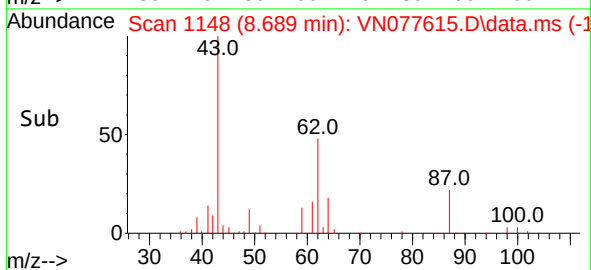
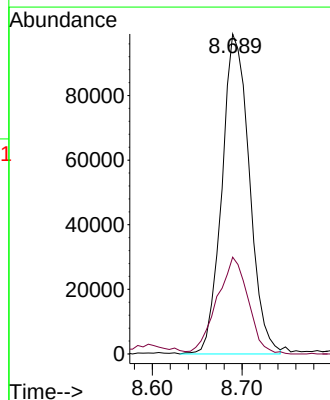
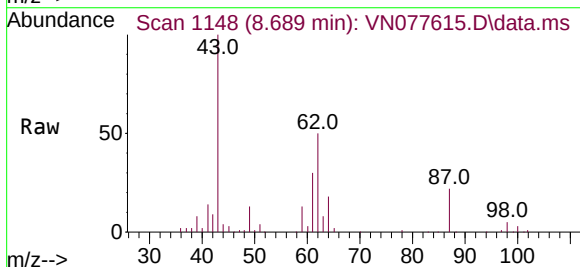
Manual Integrations
APPROVED

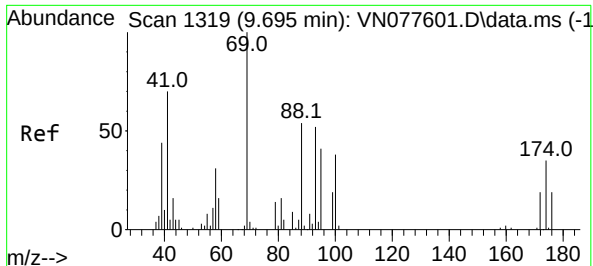
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#44
Isopropyl Acetate
Concen: 20.968 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

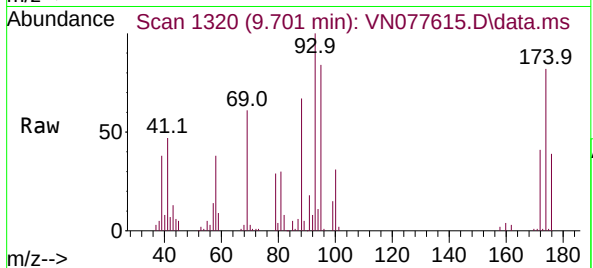
Tgt Ion: 43 Resp: 210431
Ion Ratio Lower Upper
43 100
61 34.5 23.2 34.8





#45
1,4-Dioxane
Concen: 438.668 ug/l
RT: 9.701 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

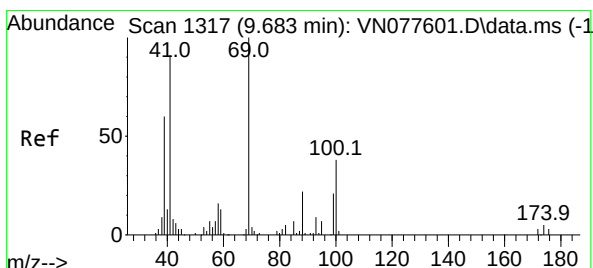
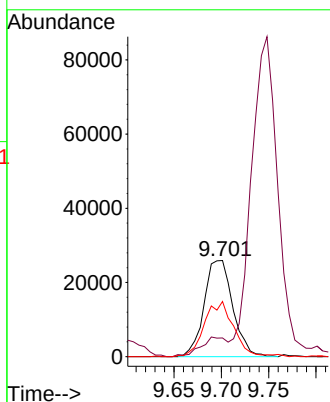
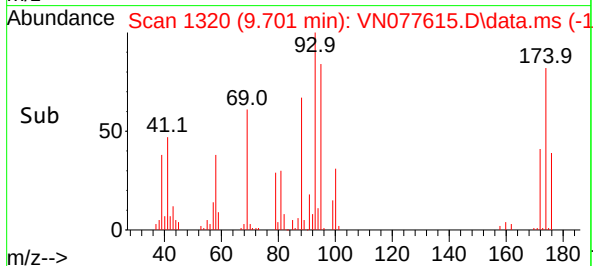
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBS01



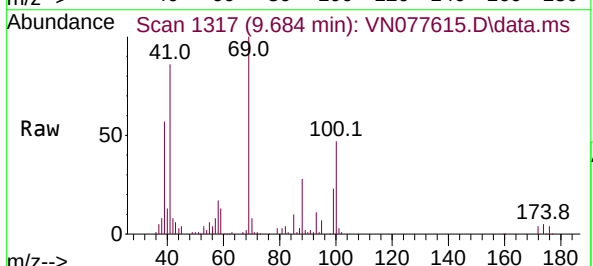
Tgt Ion: 88 Resp: 5472
Ion Ratio Lower Upper
88 100
43 15.8 18.2 27.2
58 57.9 47.5 71.3

Manual Integrations
APPROVED

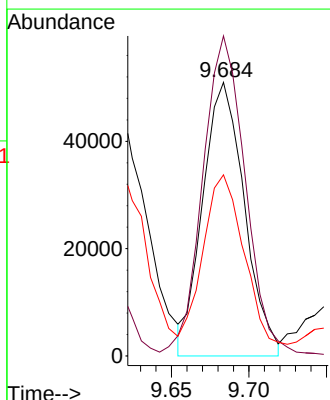
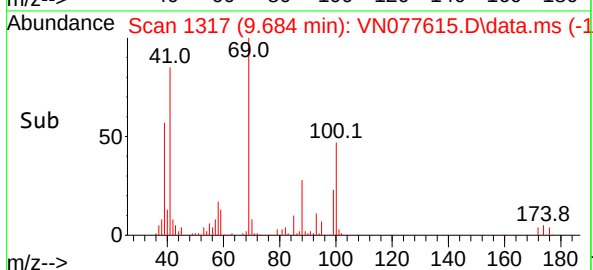
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

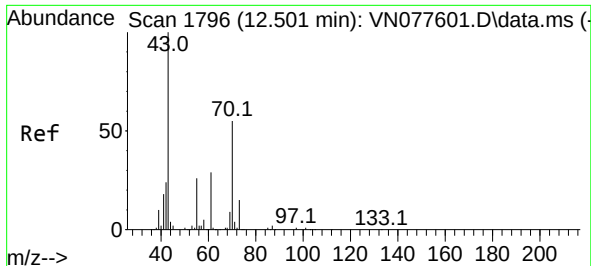


#46
Methyl methacrylate
Concen: 21.162 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. 0.001 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10



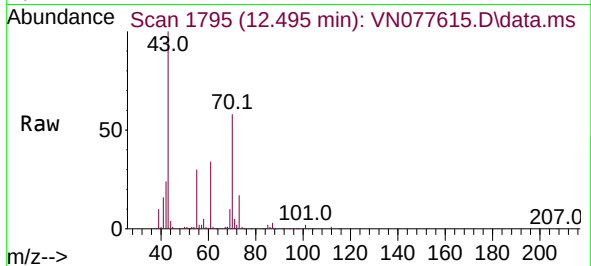
Tgt Ion: 41 Resp: 95378
Ion Ratio Lower Upper
41 100
69 116.5 52.0 156.0
39 64.0 33.6 100.6





#47
n-amy1 Acetate
Concen: 20.241 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.006 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

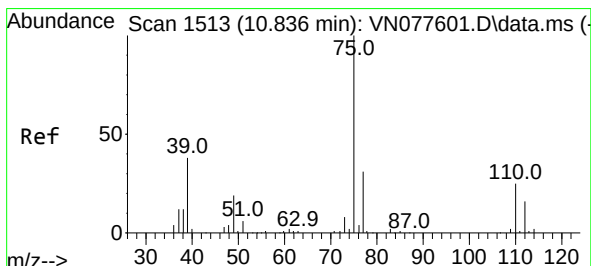
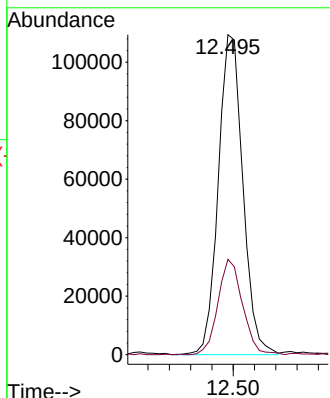
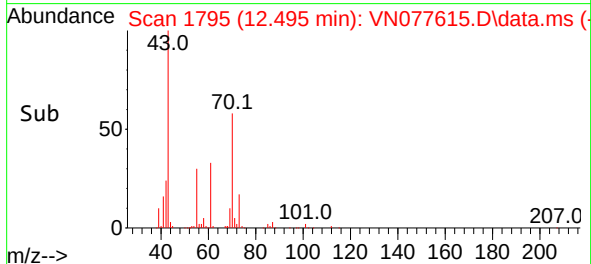
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBS01



Tgt Ion: 43 Resp: 174949
Ion Ratio Lower Upper
43 100
55 29.7 21.4 32.0

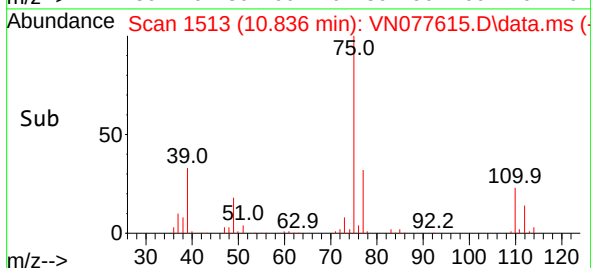
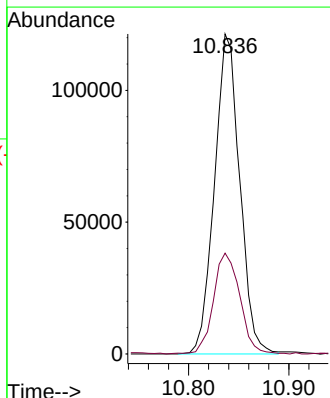
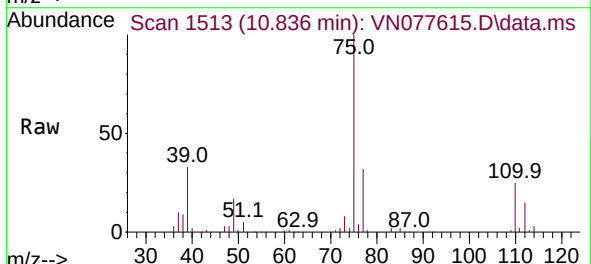
Manual Integrations
APPROVED

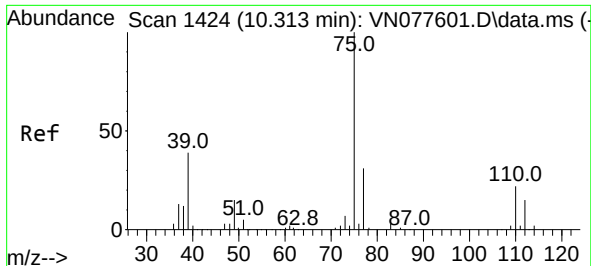
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#48
t-1,3-Dichloropropene
Concen: 19.839 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

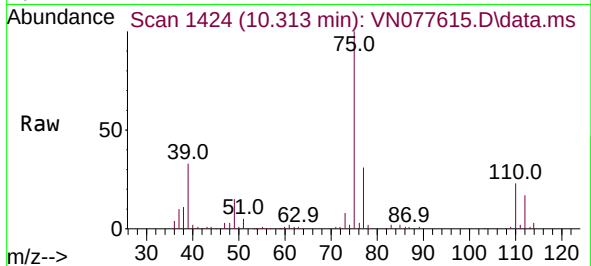
Tgt Ion: 75 Resp: 212380
Ion Ratio Lower Upper
75 100
77 31.3 25.1 37.7





#49
 cis-1,3-Dichloropropene
 Concen: 19.972 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077615.D
 Acq: 08 May 2023 14:10

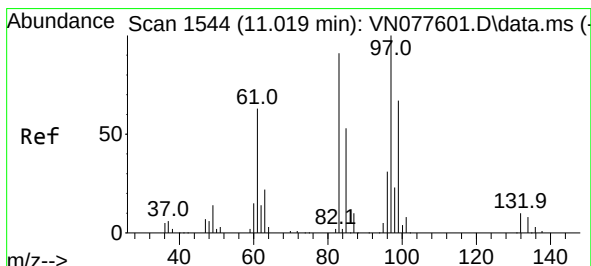
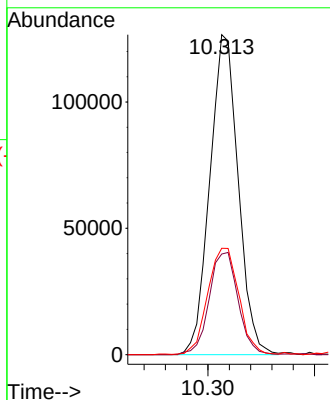
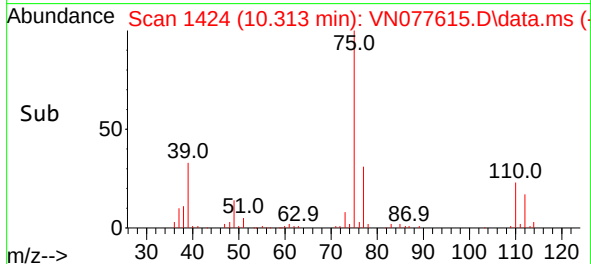
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0508WBS01



Tgt Ion: 75 Resp: 234340
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.7 37.1
 39 33.1 31.0 46.6

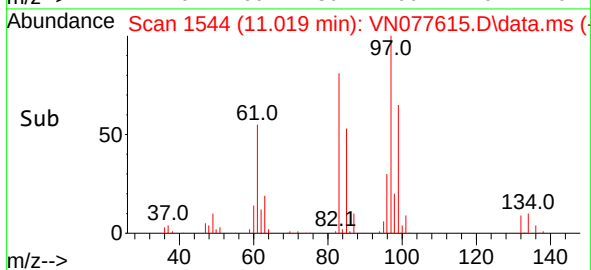
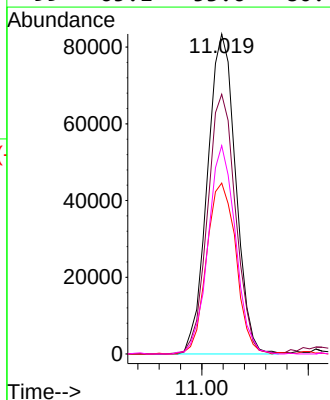
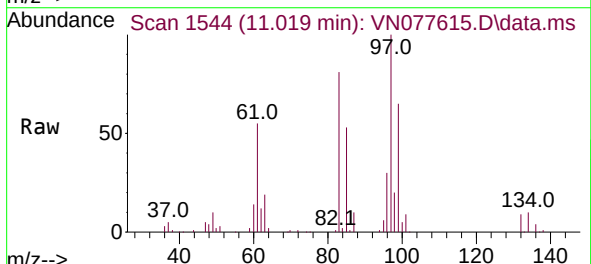
Manual Integrations
 APPROVED

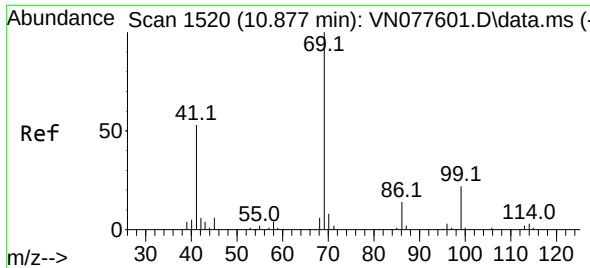
Reviewed By :John Carlone 05/09/2023
 Supervised By :Mahesh Dadoda 05/09/2023



#50
 1,1,2-Trichloroethane
 Concen: 20.225 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN077615.D
 Acq: 08 May 2023 14:10

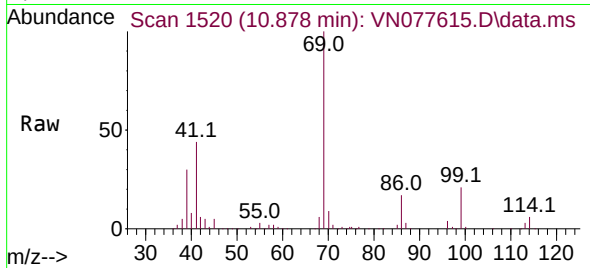
Tgt Ion: 97 Resp: 153594
 Ion Ratio Lower Upper
 97 100
 83 80.8 72.6 108.8
 85 53.1 42.6 63.8
 99 65.1 53.6 80.4





#51
Ethyl methacrylate
Concen: 20.697 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.001 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

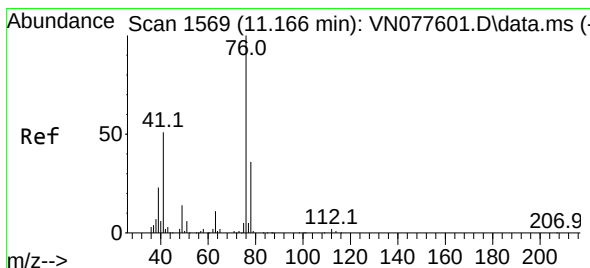
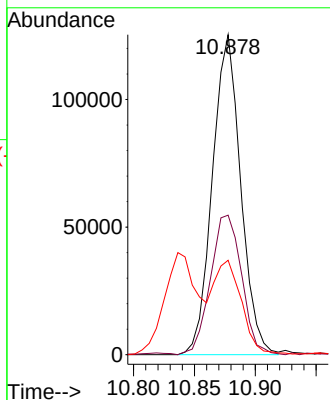
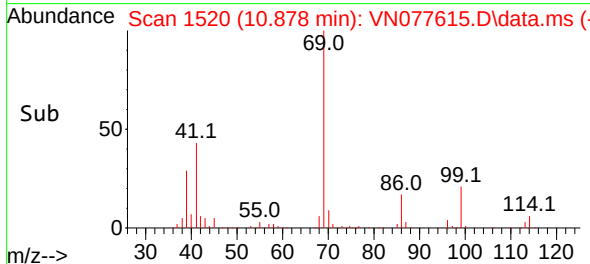
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBS01



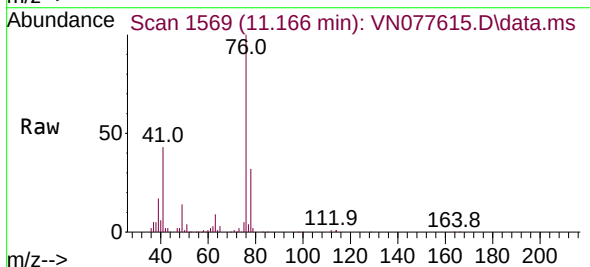
Tgt Ion: 69 Resp: 202897
Ion Ratio Lower Upper
69 100
41 43.6 26.3 78.9
39 29.0 18.1 54.1

Manual Integrations
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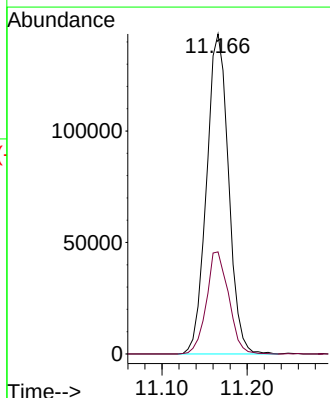
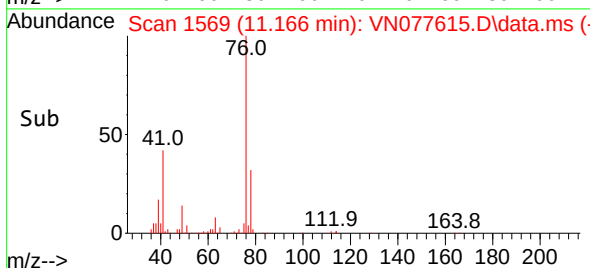
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

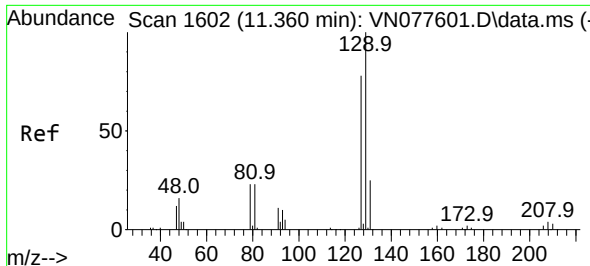


#52
1,3-Dichloropropane
Concen: 20.964 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10



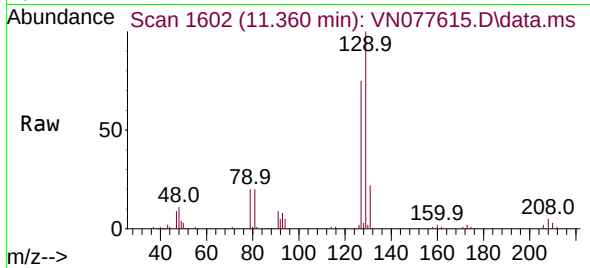
Tgt Ion: 76 Resp: 257410
Ion Ratio Lower Upper
76 100
78 32.3 0.0 66.4





#53
Dibromochloromethane
Concen: 20.458 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

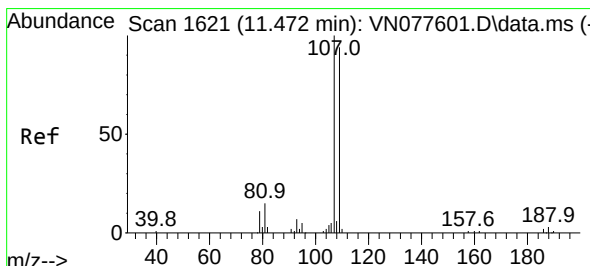
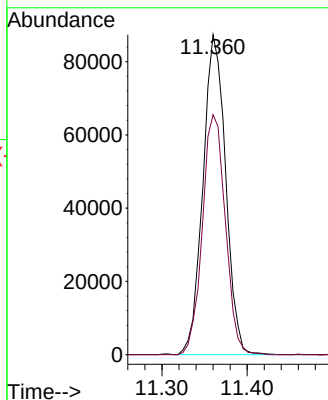
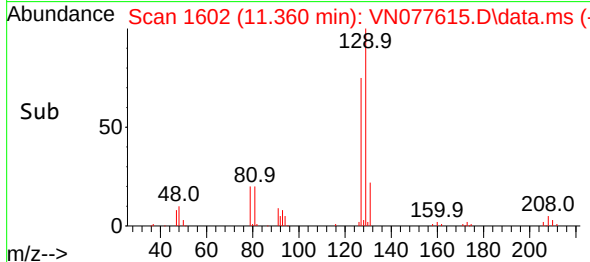
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBS01



Tgt Ion:129 Resp: 16164
Ion Ratio Lower Upper
129 100
127 75.8 39.4 118.1

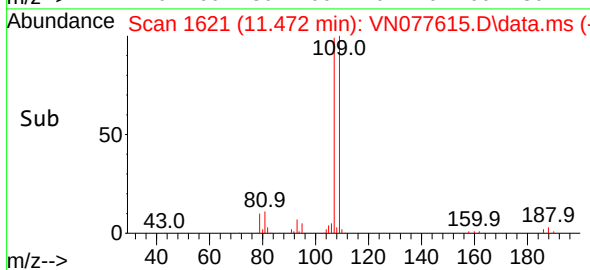
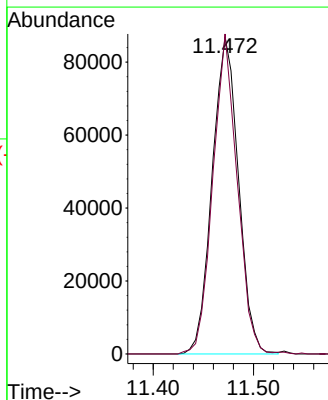
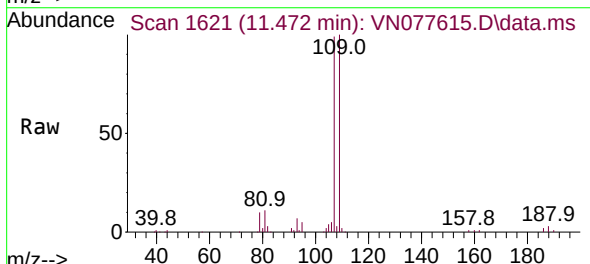
Manual Integrations
APPROVED

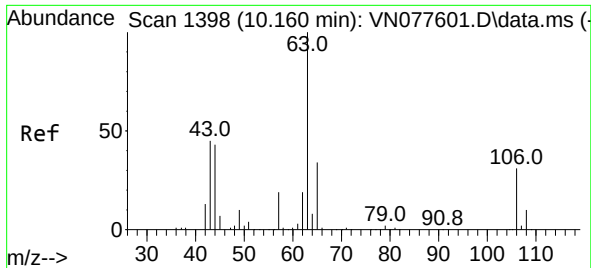
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#54
1,2-Dibromoethane
Concen: 20.976 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

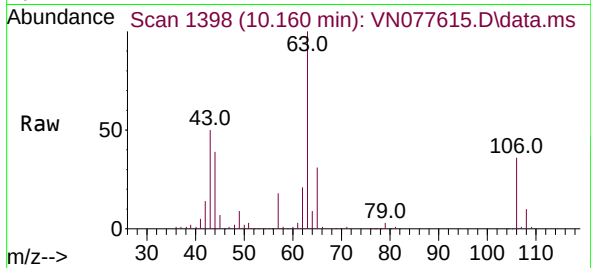
Tgt Ion:107 Resp: 158237
Ion Ratio Lower Upper
107 100
109 93.3 77.4 116.2





#55
2-Chloroethyl vinyl ether
Concen: 107.333 ug/l
RT: 10.160 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

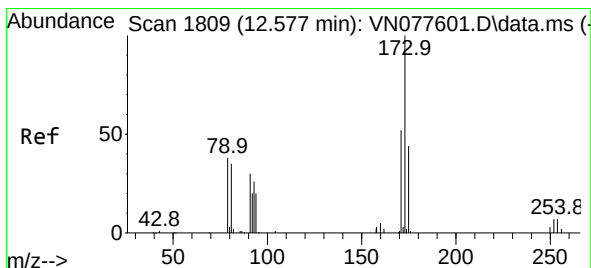
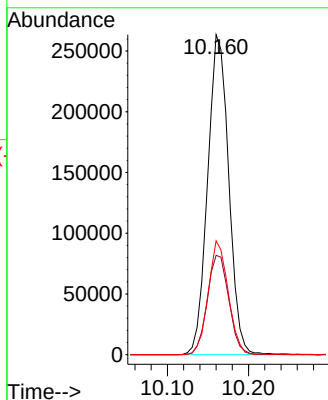
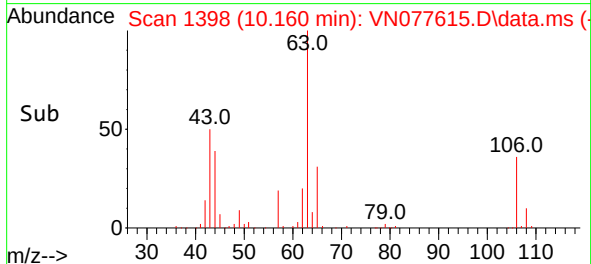
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBS01



Tgt Ion: 63 Resp: 47582
Ion Ratio Lower Upper
63 100
65 31.7 26.8 40.2
106 33.7 25.6 38.4

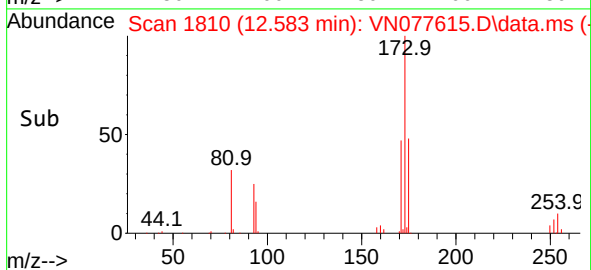
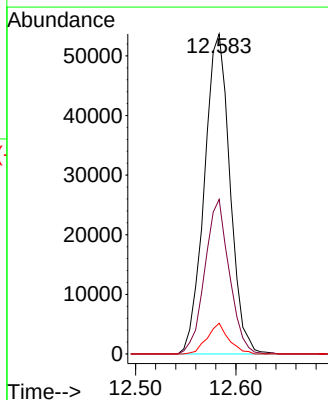
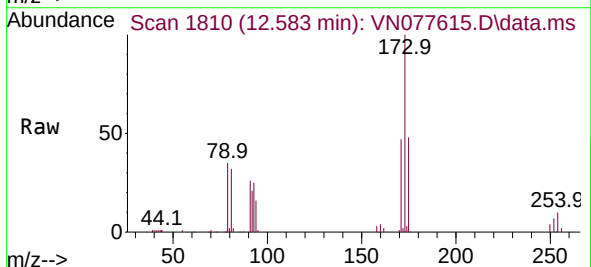
Manual Integrations
APPROVED

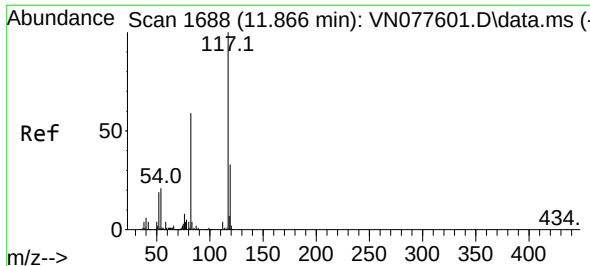
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#56
Bromoform
Concen: 20.491 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

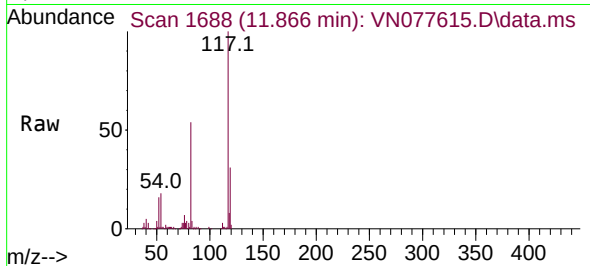
Tgt Ion:173 Resp: 95263
Ion Ratio Lower Upper
173 100
175 46.1 39.4 59.2
254 8.1 5.8 8.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

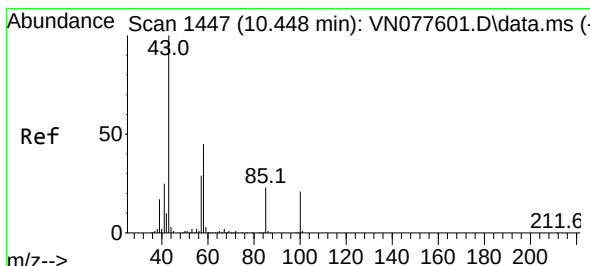
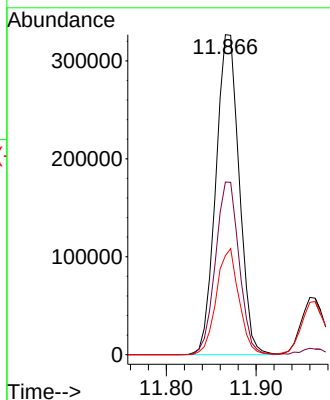
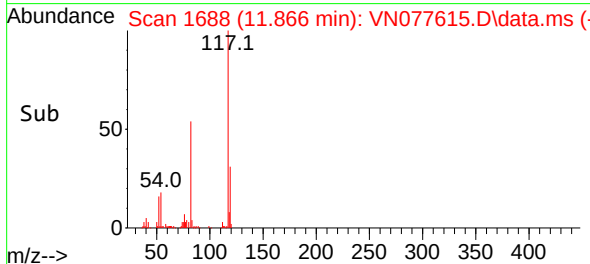
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBS01



Tgt Ion:117 Resp: 591054
Ion Ratio Lower Upper
117 100
82 54.8 47.4 71.2
119 32.1 26.6 39.8

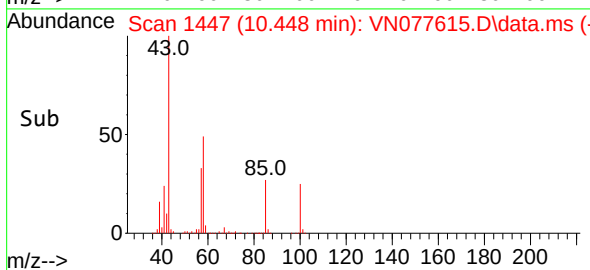
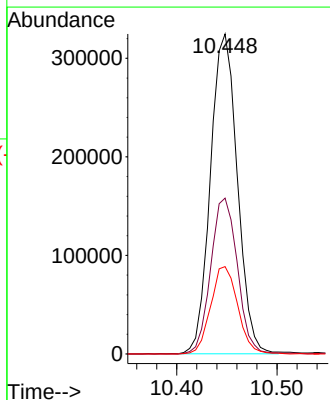
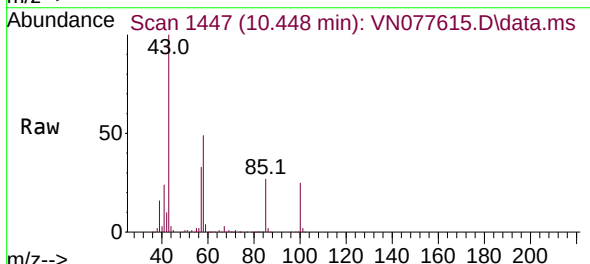
Manual Integrations
APPROVED

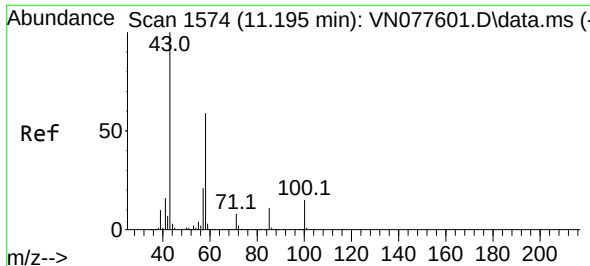
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#58
4-Methyl-2-Pentanone
Concen: 111.454 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

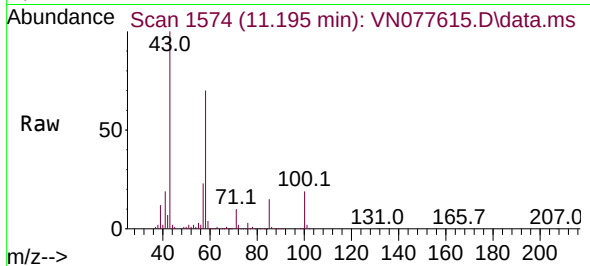
Tgt Ion: 43 Resp: 606643
Ion Ratio Lower Upper
43 100
58 48.3 35.4 53.2
85 27.4 18.2 27.2#





#59
2-Hexanone
Concen: 109.513 ug/l
RT: 11.195 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

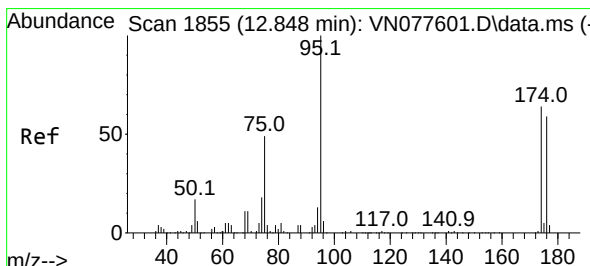
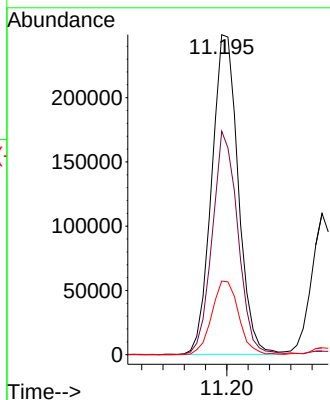
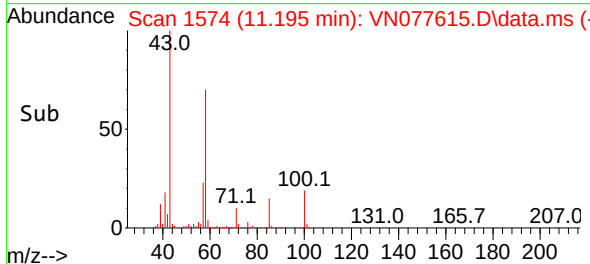
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBS01



Tgt Ion: 43 Resp: 430280
Ion Ratio Lower Upper
43 100
58 67.5 48.2 72.2
57 23.4 17.3 25.9

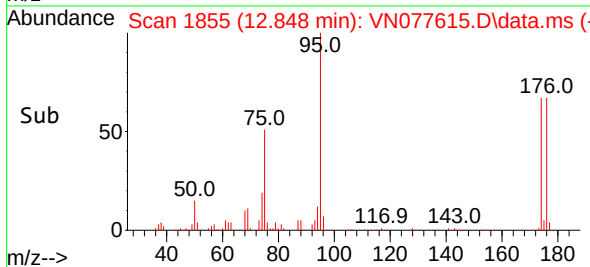
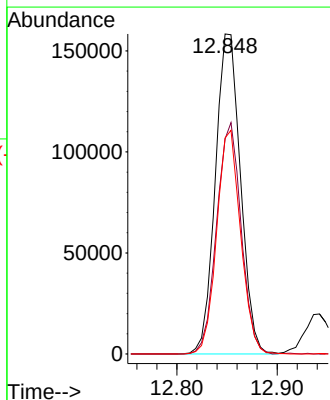
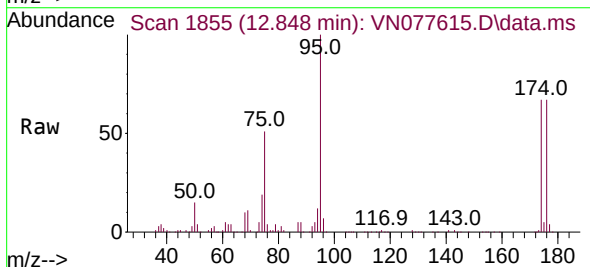
Manual Integrations
APPROVED

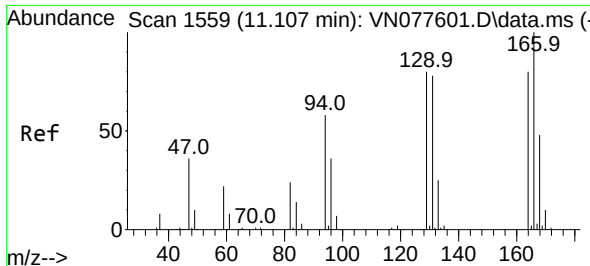
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#60
4-Bromofluorobenzene
Concen: 29.370 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

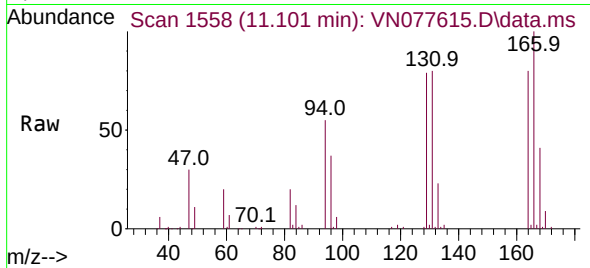
Tgt Ion: 95 Resp: 276025
Ion Ratio Lower Upper
95 100
174 70.3 53.4 80.0
176 66.5 50.0 75.0





#61
Tetrachloroethene
Concen: 20.146 ug/l
RT: 11.101 min Scan# 11517
Delta R.T. -0.006 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

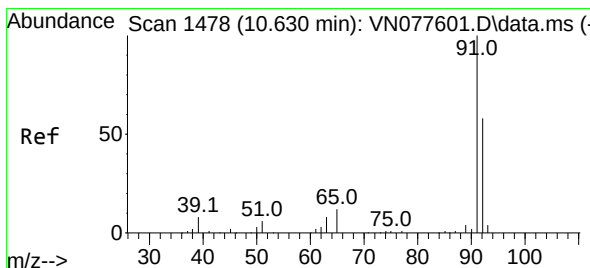
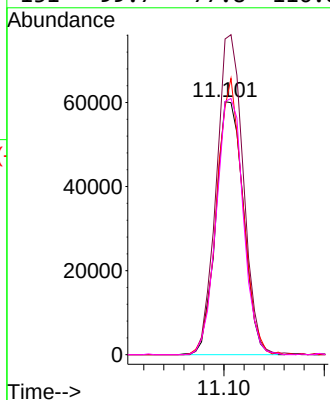
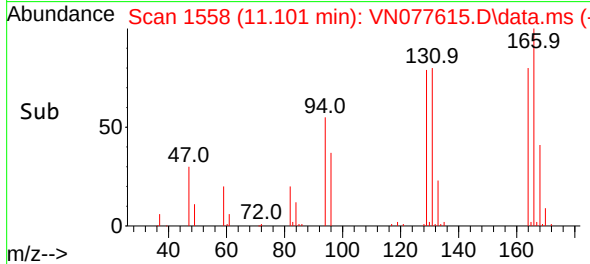
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBS01



Tgt Ion:164 Resp: 11517
Ion Ratio Lower Upper
164 100
166 124.8 100.5 150.7
129 98.0 80.6 120.8
131 99.7 77.8 116.8

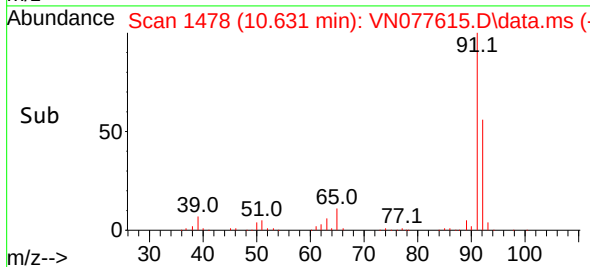
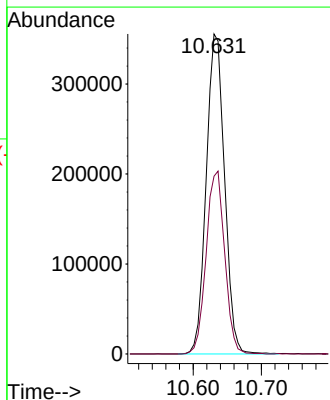
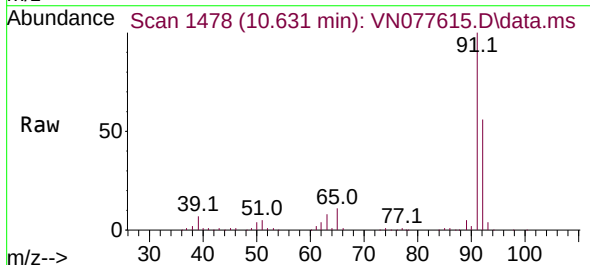
Manual Integrations
APPROVED

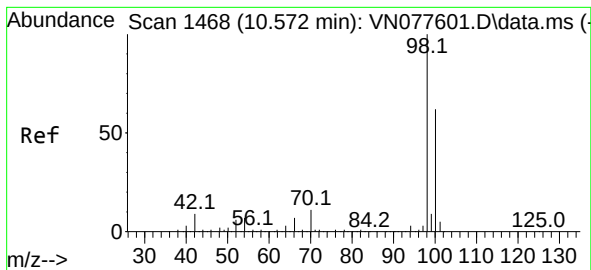
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#62
Toluene
Concen: 20.350 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. 0.001 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

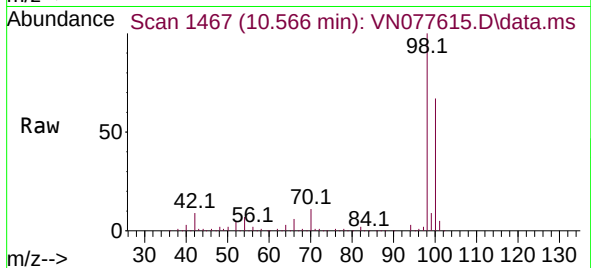
Tgt Ion: 91 Resp: 665921
Ion Ratio Lower Upper
91 100
92 57.7 47.0 70.6





#63
Toluene-d8
Concen: 29.671 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.006 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

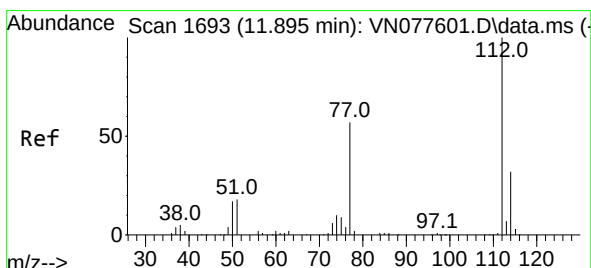
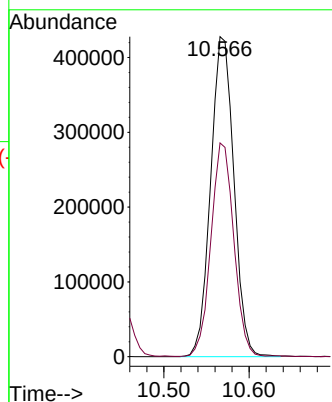
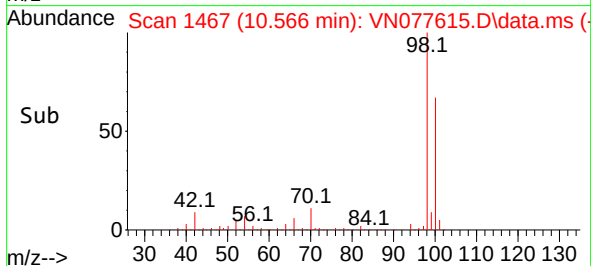
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBS01



Tgt Ion: 98 Resp: 809999
Ion Ratio Lower Upper
98 100
100 65.7 52.1 78.1

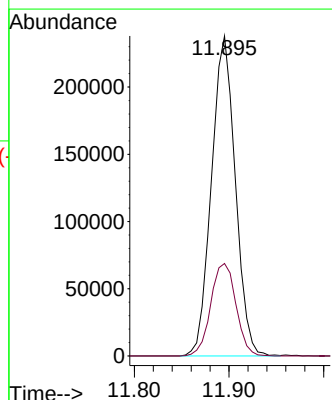
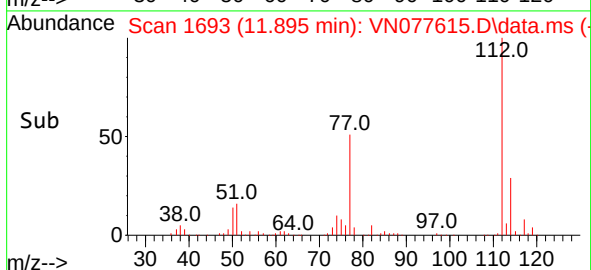
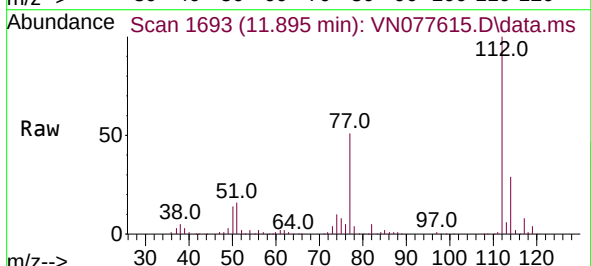
Manual Integrations
APPROVED

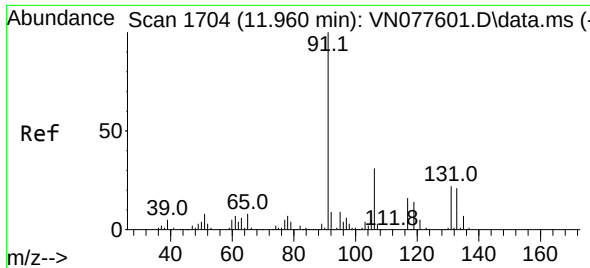
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#64
Chlorobenzene
Concen: 20.674 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

Tgt Ion:112 Resp: 416052
Ion Ratio Lower Upper
112 100
114 28.9 25.8 38.8





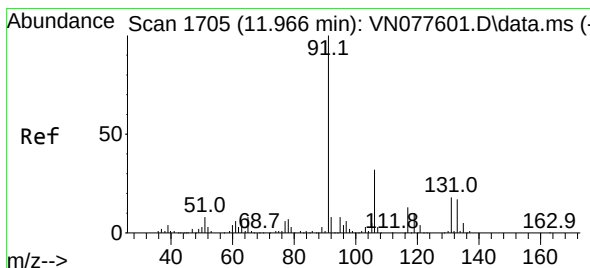
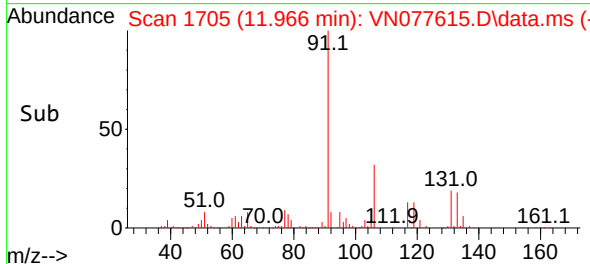
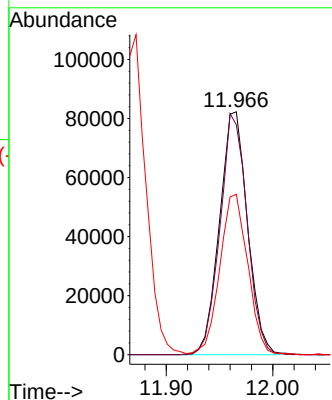
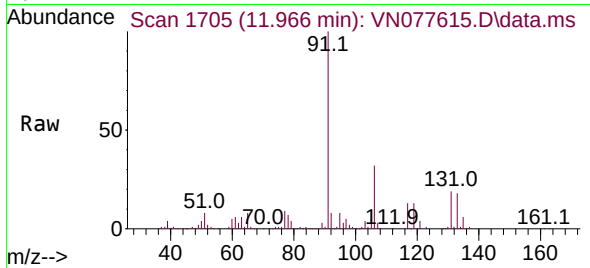
#65
1,1,1,2-Tetrachloroethane
Concen: 20.731 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0508WBS01

Tgt Ion:131 Resp: 150504
Ion Ratio Lower Upper
131 100
133 95.6 0.0 181.2
119 66.0 0.0 125.0

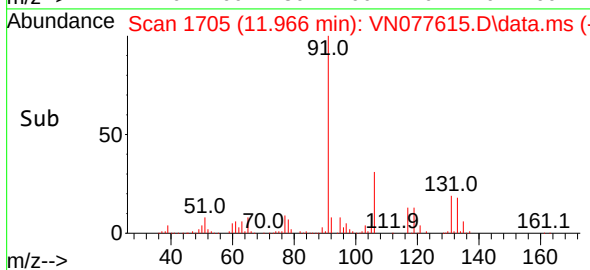
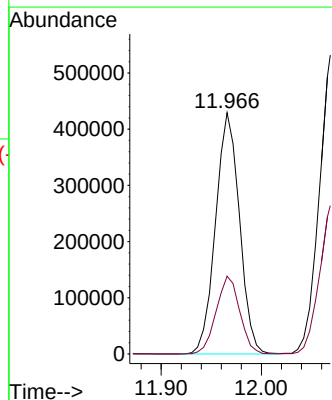
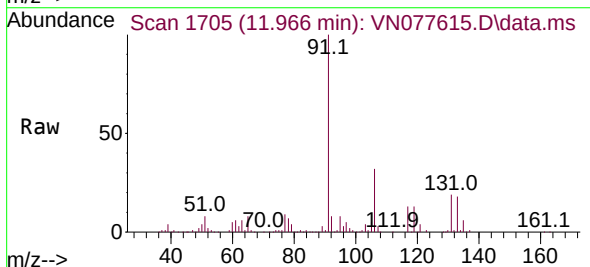
Manual Integrations
APPROVED

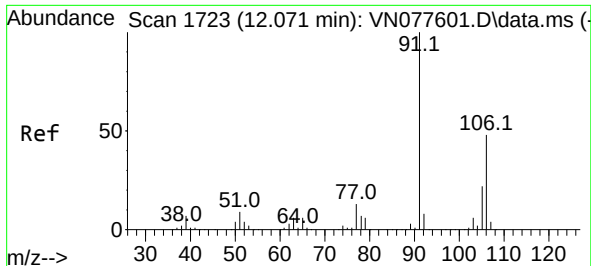
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#66
Ethyl Benzene
Concen: 19.604 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

Tgt Ion: 91 Resp: 710805
Ion Ratio Lower Upper
91 100
106 32.2 25.7 38.5





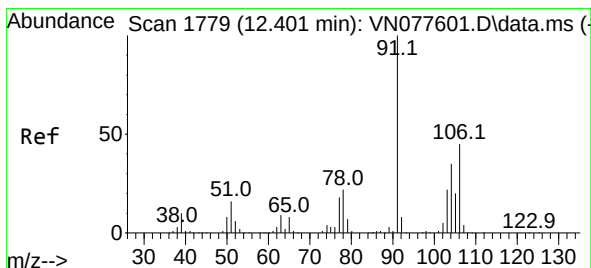
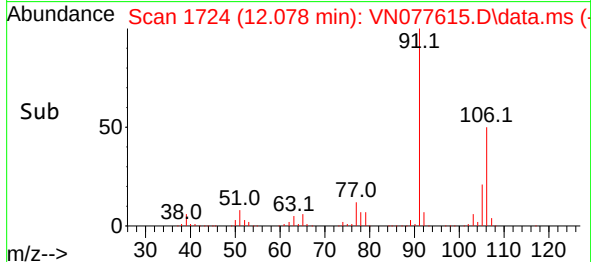
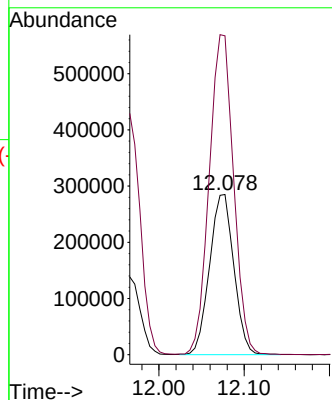
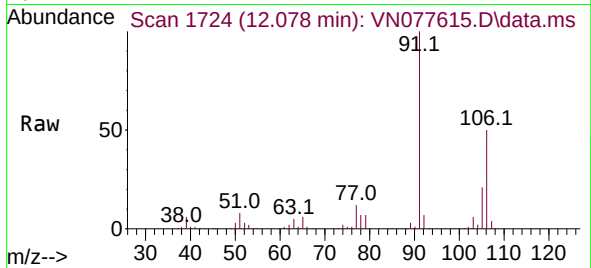
#67
m/p-Xylenes
Concen: 39.572 ug/l
RT: 12.078 min Scan# 1724
Delta R.T. 0.007 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0508WBS01

Tgt Ion:106 Resp: 56451
Ion Ratio Lower Upper
106 100
91 200.6 162.6 244.0

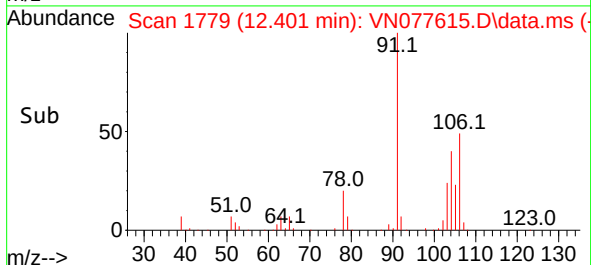
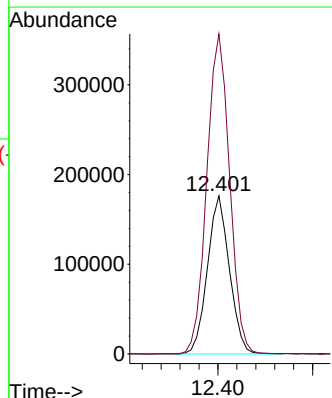
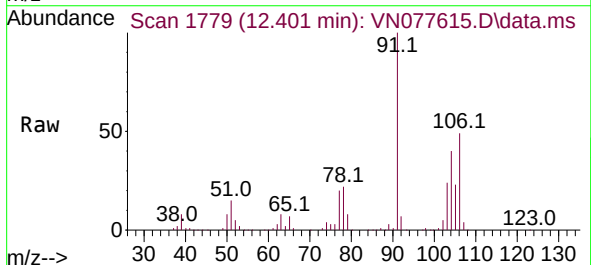
Manual Integrations
APPROVED

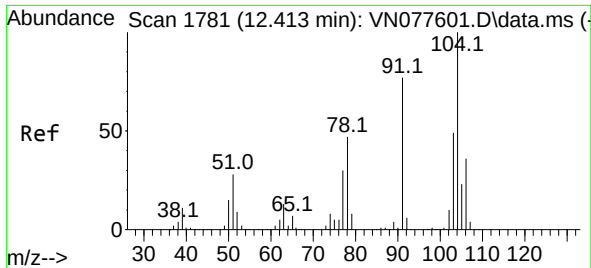
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#68
o-Xylene
Concen: 20.229 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

Tgt Ion:106 Resp: 284394
Ion Ratio Lower Upper
106 100
91 209.8 109.5 328.4





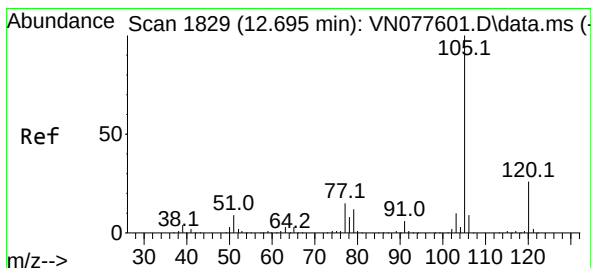
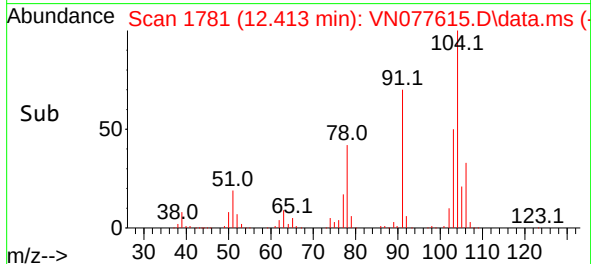
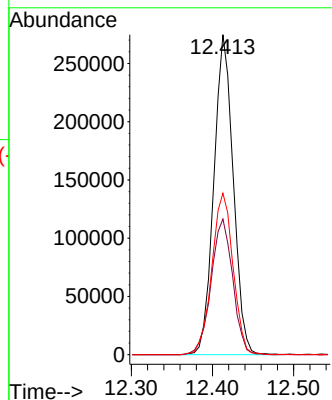
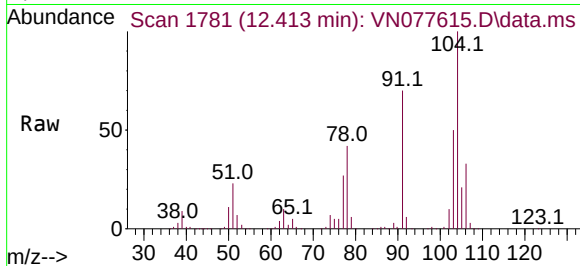
#69
Styrene
Concen: 20.317 ug/l
RT: 12.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0508WBS01

Tgt Ion:104 Resp: 45671
Ion Ratio Lower Upper
104 100
78 47.1 41.3 61.9
103 55.1 44.0 66.0

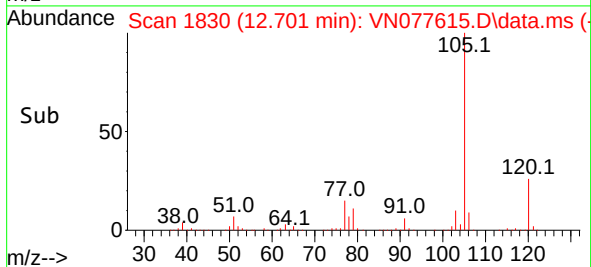
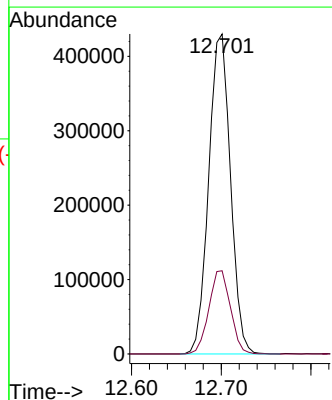
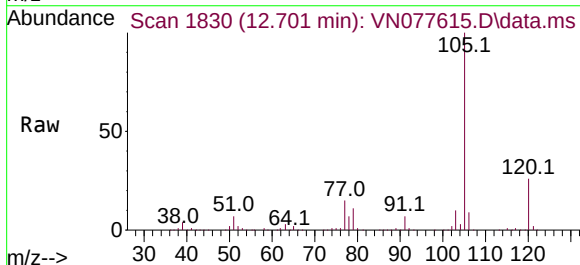
Manual Integrations
APPROVED

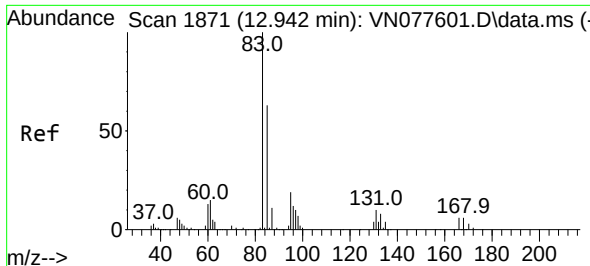
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#70
Isopropylbenzene
Concen: 19.833 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

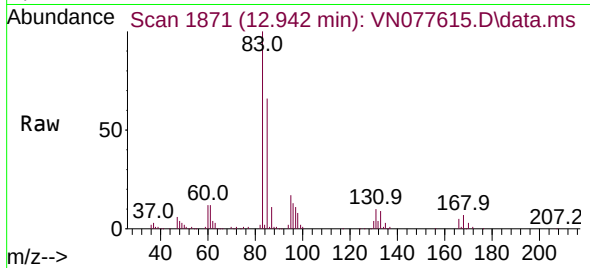
Tgt Ion:105 Resp: 724206
Ion Ratio Lower Upper
105 100
120 25.8 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 21.272 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

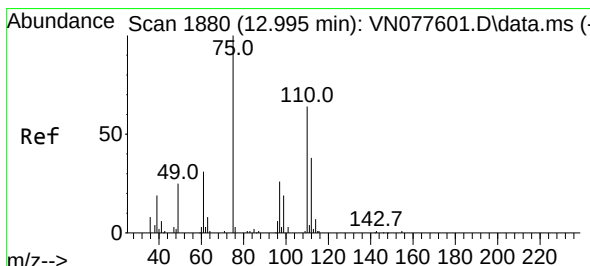
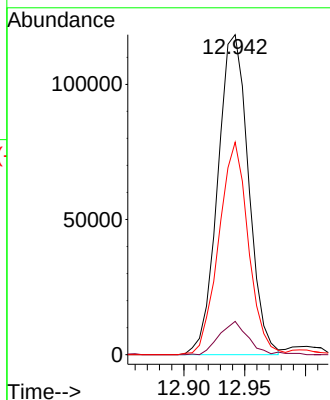
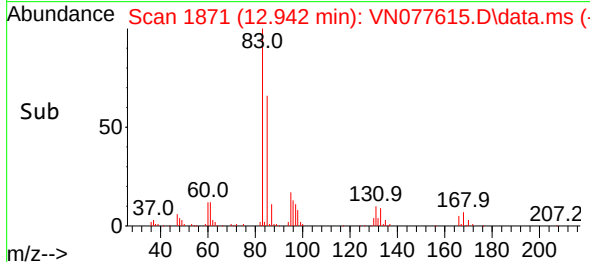
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBS01



Tgt Ion: 83 Resp: 208295
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.3
85 63.6 33.4 100.2

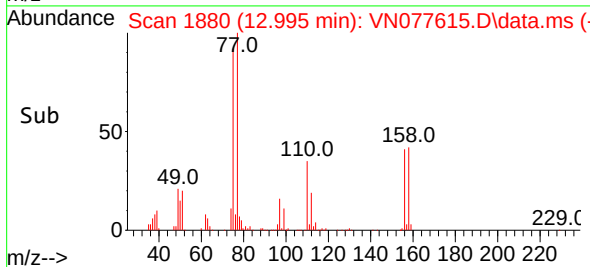
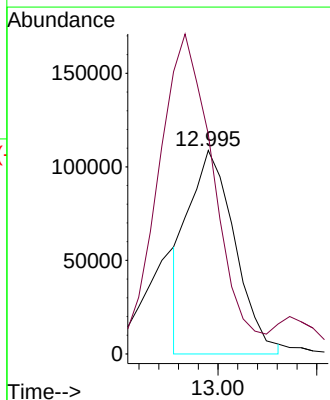
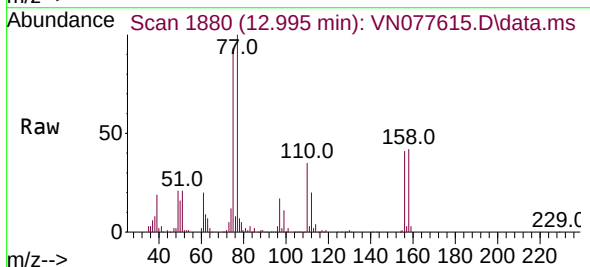
Manual Integrations
APPROVED

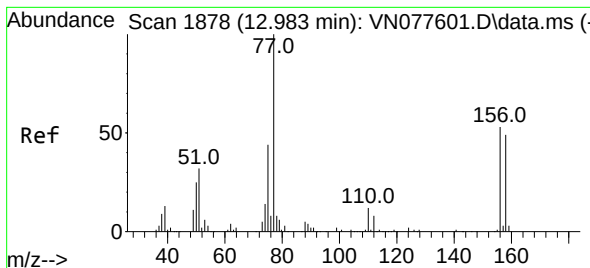
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#72
1,2,3-Trichloropropane
Concen: 21.833 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

Tgt Ion: 75 Resp: 177890
Ion Ratio Lower Upper
75 100
77 190.1 0.0 354.6





#73

Bromobenzene

Concen: 19.777 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077615.D

Acq: 08 May 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBS01

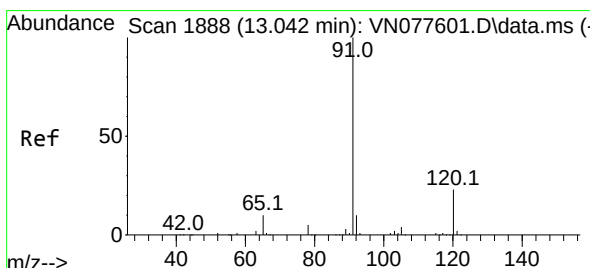
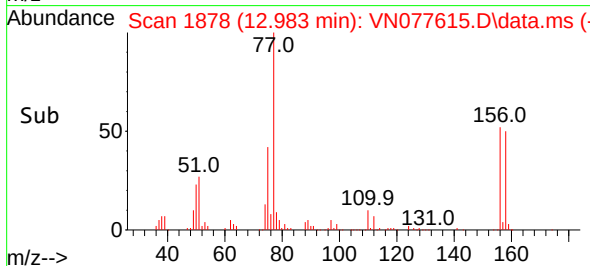
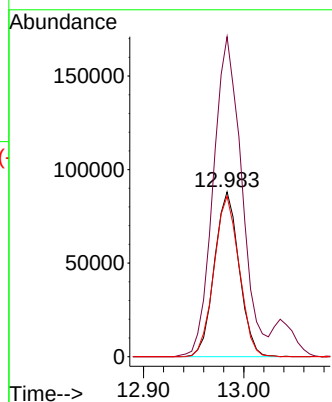
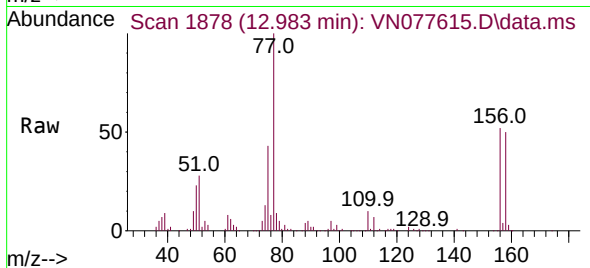
Tgt Ion:	156	Resp:	15100
Ion Ratio	Lower	Upper	
156	100		
77	224.0	0.0	466.4
158	98.7	0.0	196.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#74

n-propylbenzene

Concen: 19.370 ug/l

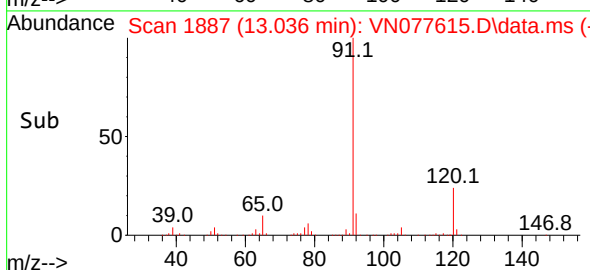
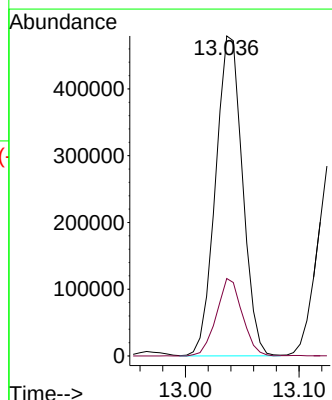
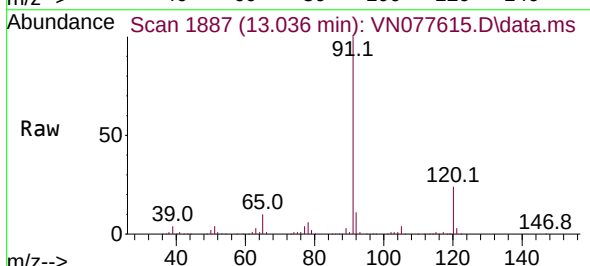
RT: 13.036 min Scan# 1887

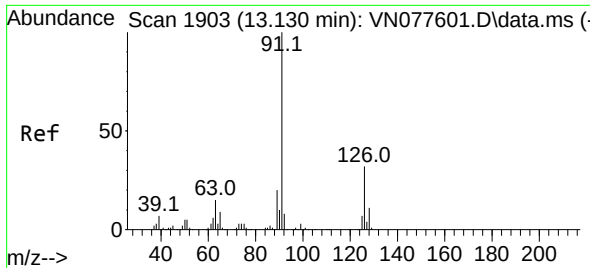
Delta R.T. -0.006 min

Lab File: VN077615.D

Acq: 08 May 2023 14:10

Tgt Ion:	91	Resp:	790860
Ion Ratio	Lower	Upper	
91	100		
120	23.1	0.0	45.6





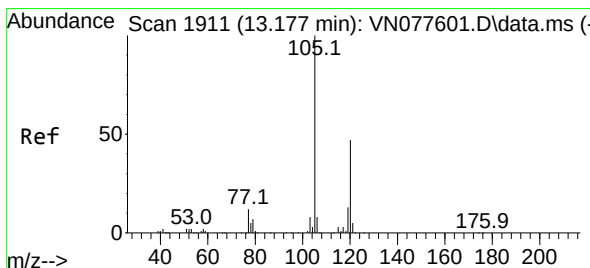
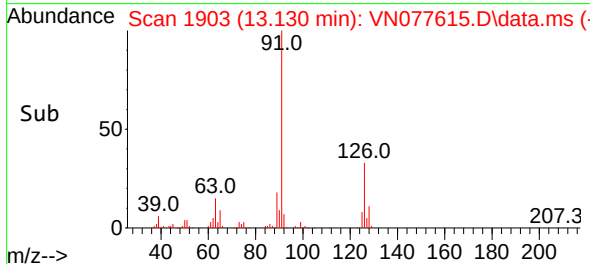
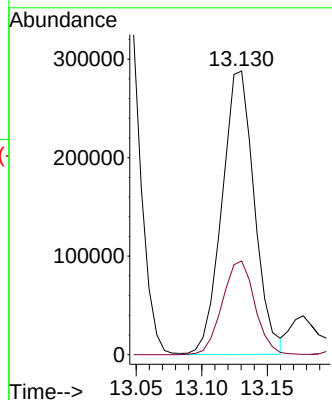
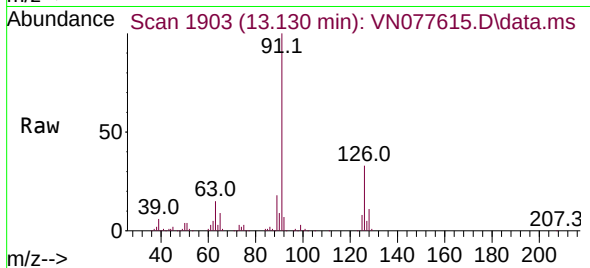
#75
2-Chlorotoluene
Concen: 20.042 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0508WBS01

Tgt Ion: 91 Resp: 494902
Ion Ratio Lower Upper
91 100
126 33.2 0.0 65.0

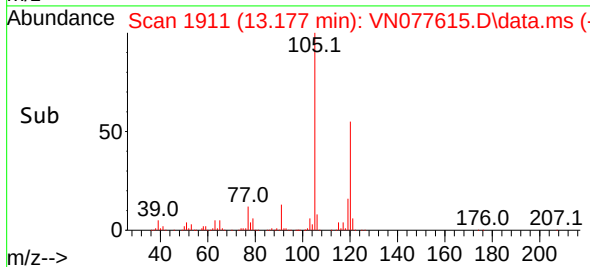
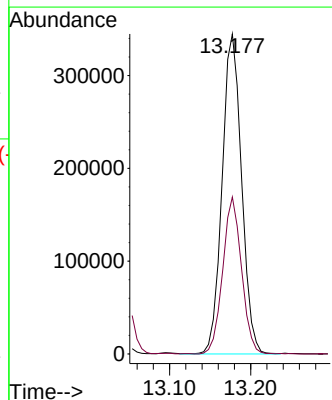
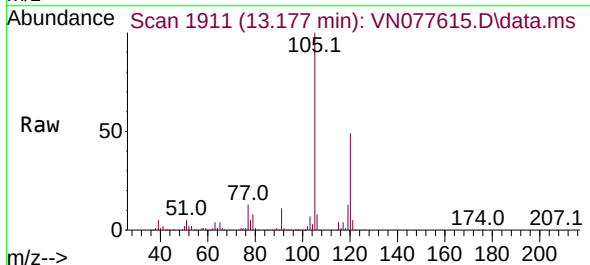
Manual Integrations
APPROVED

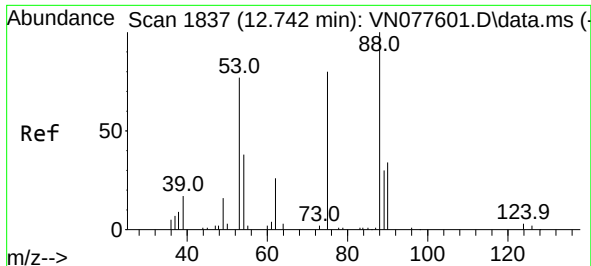
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#76
1,3,5-Trimethylbenzene
Concen: 19.913 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

Tgt Ion:105 Resp: 574663
Ion Ratio Lower Upper
105 100
120 47.3 0.0 95.2





#77

t-1,4-Dichloro-2-butene

Concen: 20.759 ug/l

RT: 12.736 min Scan# 1836

Delta R.T. -0.006 min

Lab File: VN077615.D

Acq: 08 May 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBS01

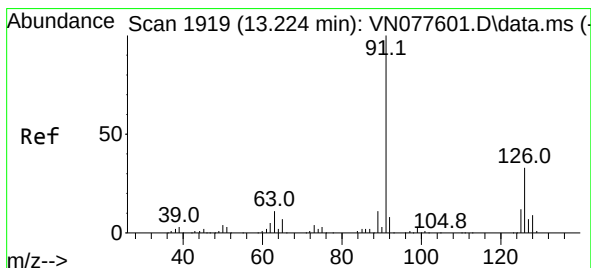
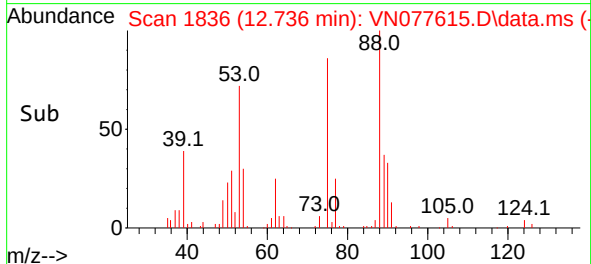
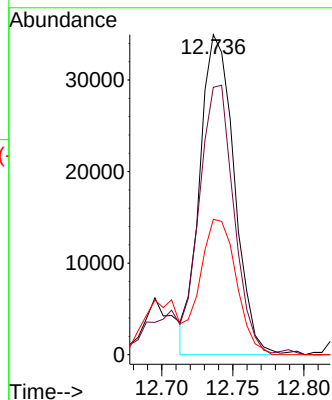
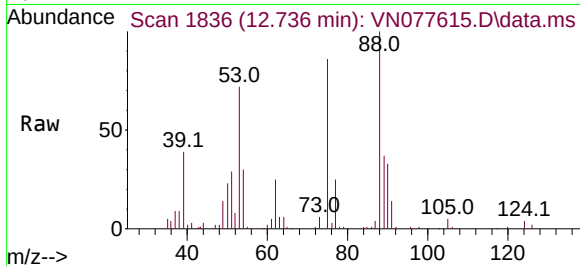
Tgt Ion:	75	Resp:	5892
Ion Ratio	Lower	Upper	
75	100		
53	83.0	46.9	140.7
89	42.5	21.0	63.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#78

4-Chlorotoluene

Concen: 19.382 ug/l

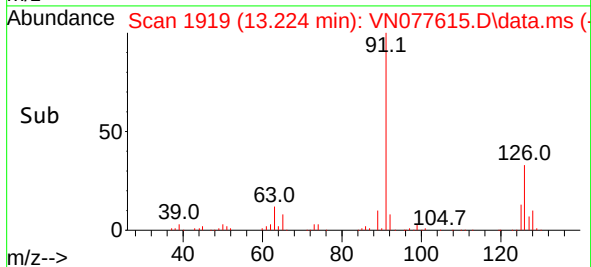
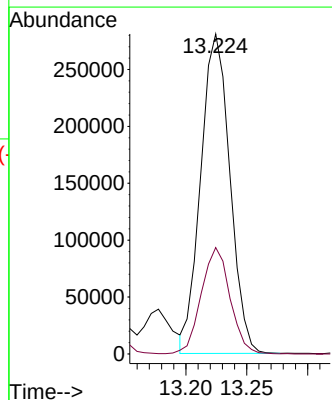
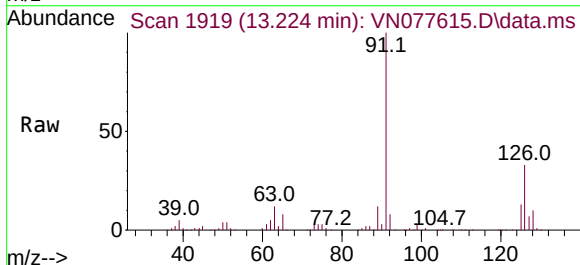
RT: 13.224 min Scan# 1919

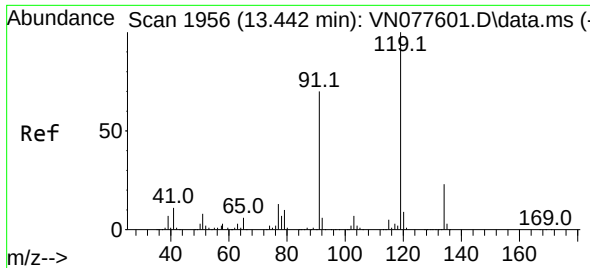
Delta R.T. 0.000 min

Lab File: VN077615.D

Acq: 08 May 2023 14:10

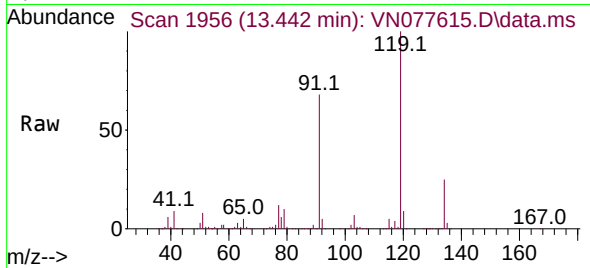
Tgt Ion:	91	Resp:	467302
Ion Ratio	Lower	Upper	
91	100		
126	32.8	0.0	64.6





#79
tert-butylbenzene
Concen: 19.756 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

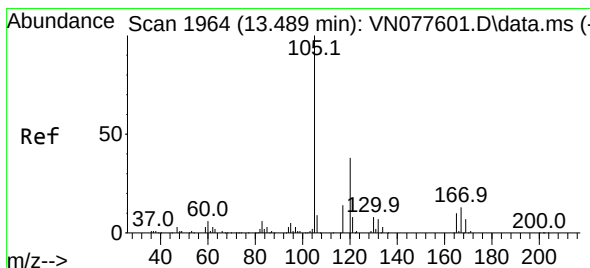
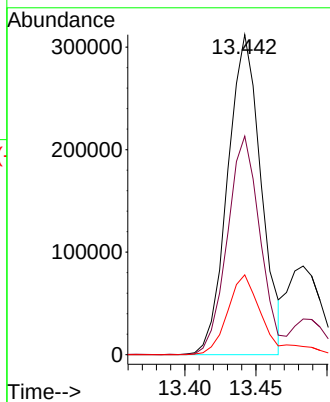
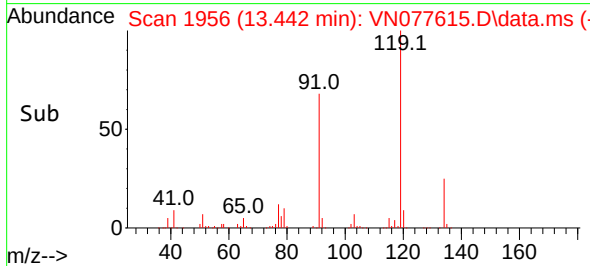
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBS01



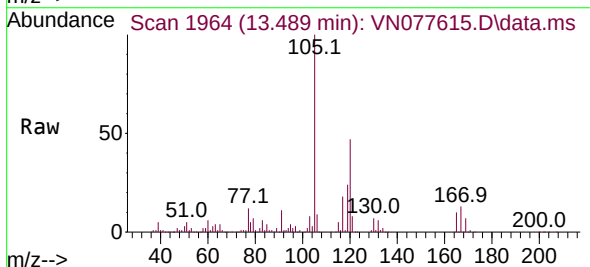
Tgt Ion:119 Resp: 510597
Ion Ratio Lower Upper
119 100
91 67.4 0.0 141.6
134 23.9 0.0 46.6

Manual Integrations
APPROVED

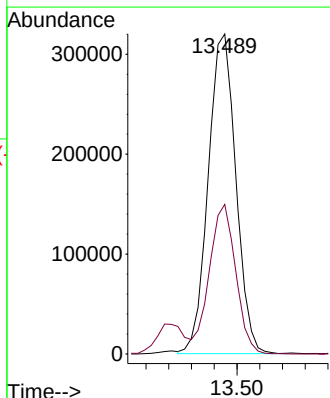
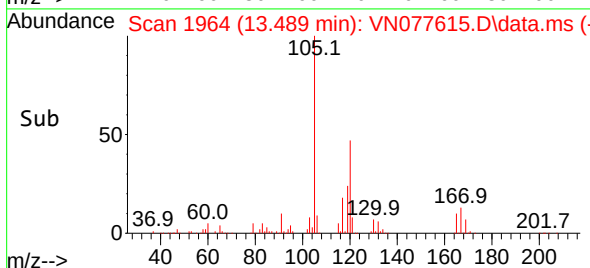
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

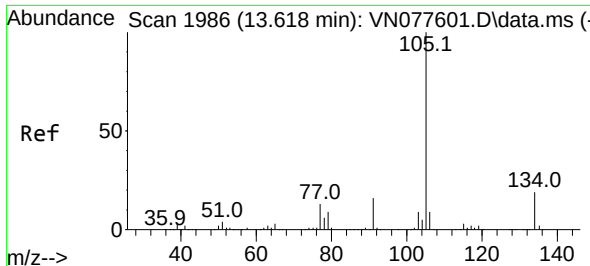


#80
1,2,4-Trimethylbenzene
Concen: 19.309 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10



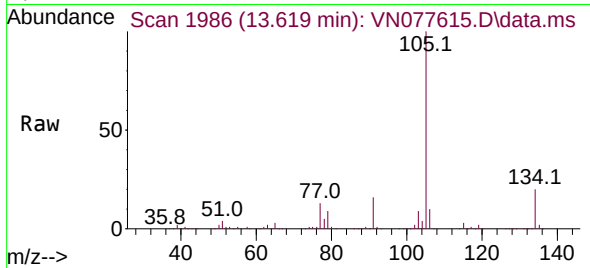
Tgt Ion:105 Resp: 540784
Ion Ratio Lower Upper
105 100
120 44.6 0.0 88.0





#81
 sec-Butylbenzene
 Concen: 19.436 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.001 min
 Lab File: VN077615.D
 Acq: 08 May 2023 14:10

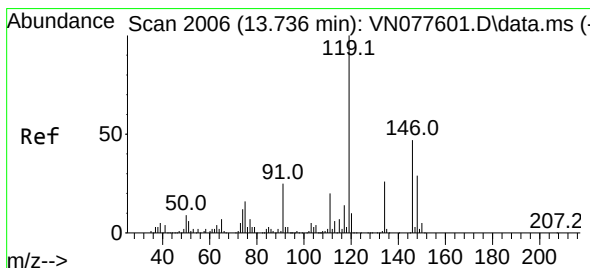
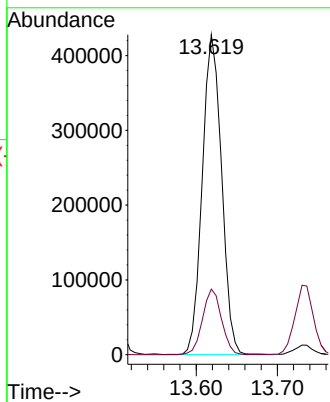
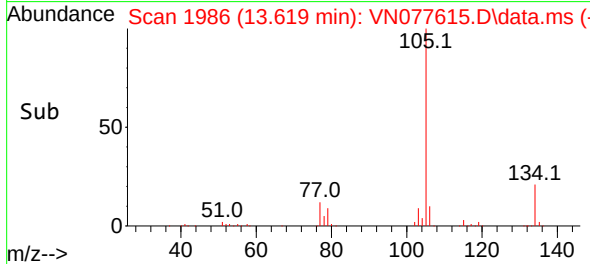
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0508WBS01



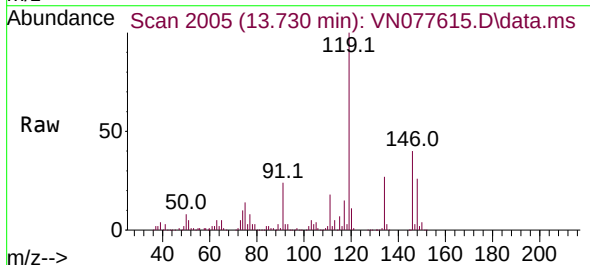
Tgt Ion:105 Resp: 705084
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 37.8

Manual Integrations
 APPROVED

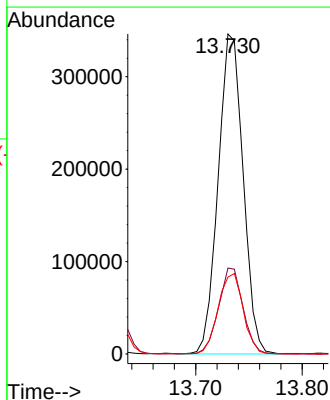
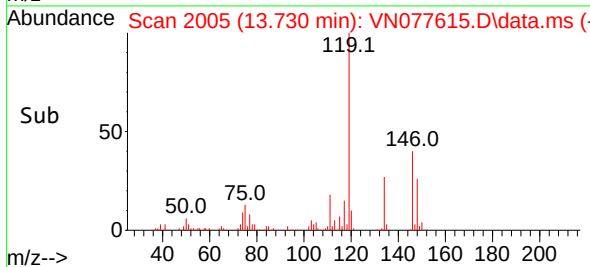
Reviewed By :John Carlone 05/09/2023
 Supervised By :Mahesh Dadoda 05/09/2023

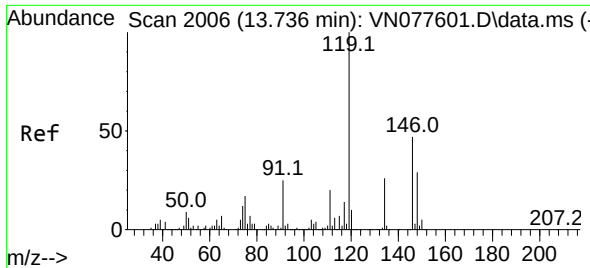


#82
 p-Isopropyltoluene
 Concen: 19.520 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.006 min
 Lab File: VN077615.D
 Acq: 08 May 2023 14:10



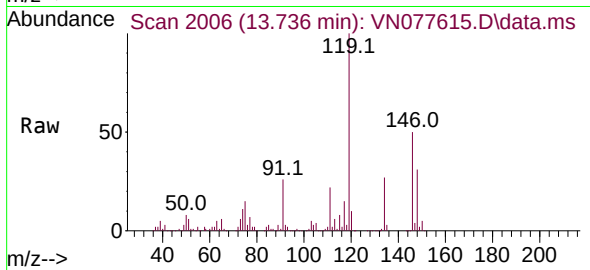
Tgt Ion:119 Resp: 563420
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 52.2
 91 25.2 0.0 51.2





#83
1,3-Dichlorobenzene
Concen: 19.545 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

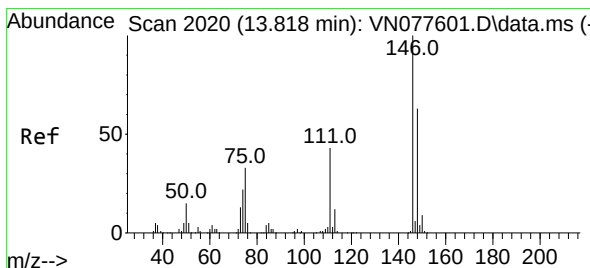
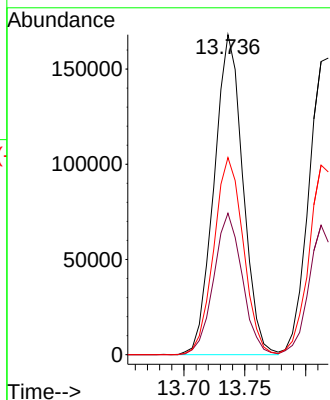
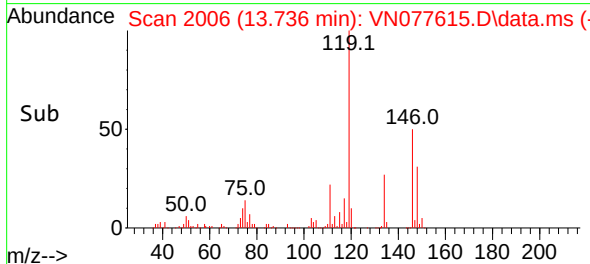
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBS01



Tgt Ion:146 Resp: 277124
Ion Ratio Lower Upper
146 100
111 43.7 22.1 66.1
148 63.0 32.5 97.4

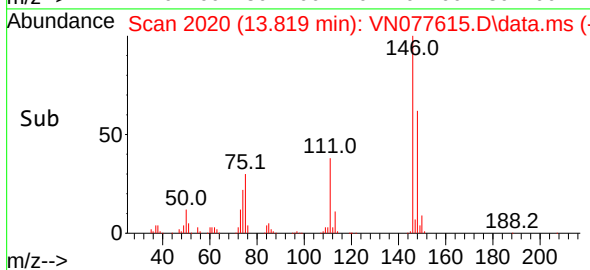
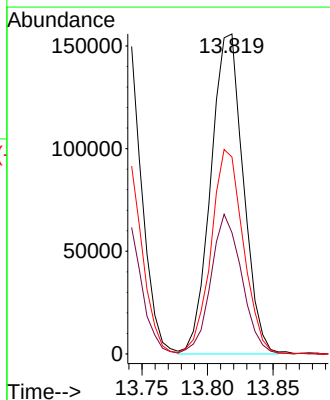
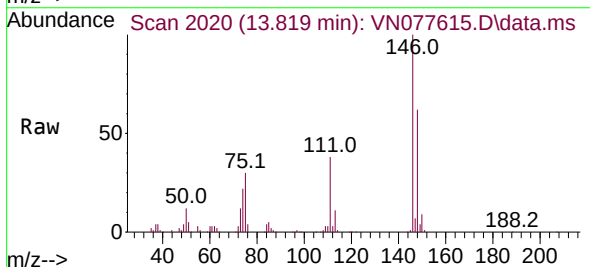
Manual Integrations
APPROVED

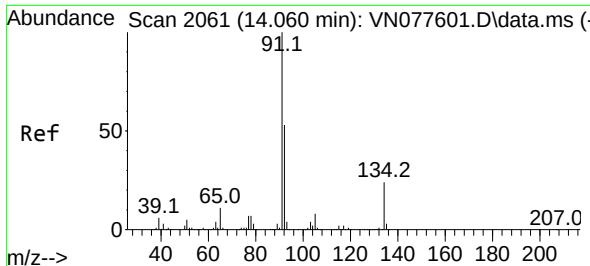
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#84
1,4-Dichlorobenzene
Concen: 19.328 ug/l
RT: 13.819 min Scan# 2020
Delta R.T. 0.001 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

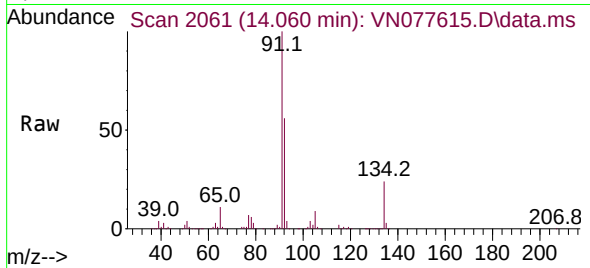
Tgt Ion:146 Resp: 268267
Ion Ratio Lower Upper
146 100
111 41.6 20.8 62.4
148 63.5 31.1 93.5





#85
n-Butylbenzene
Concen: 18.415 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

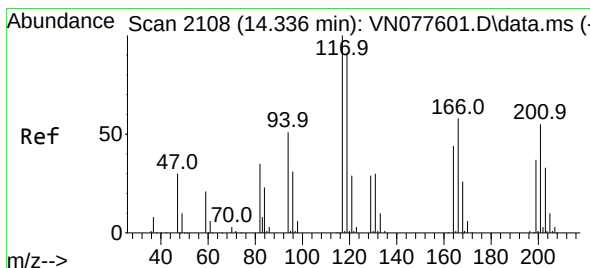
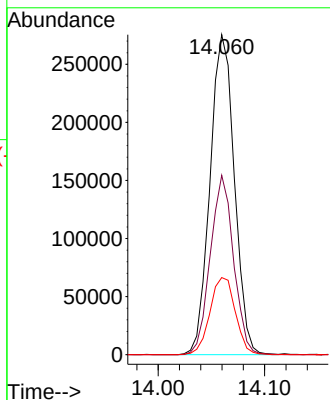
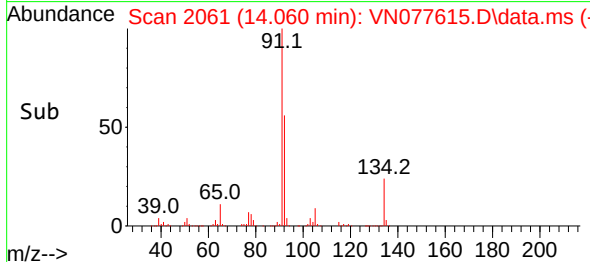
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBS01



Tgt Ion: 91 Resp: 437278
Ion Ratio Lower Upper
91 100
92 53.5 0.0 107.0
134 25.2 0.0 50.2

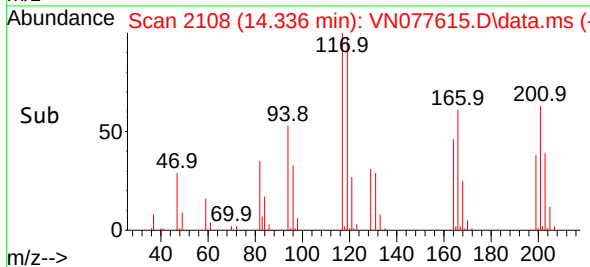
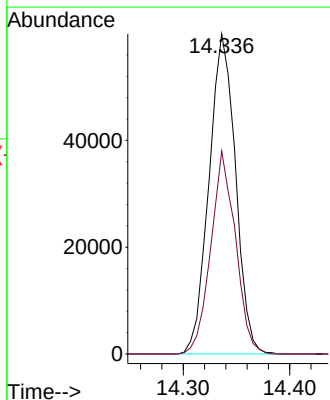
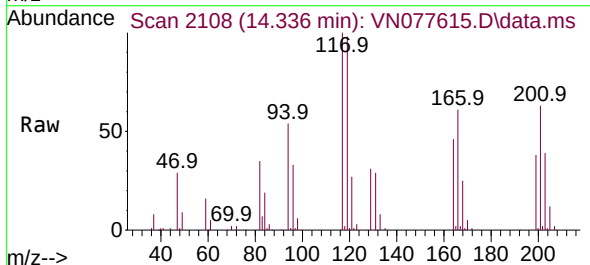
Manual Integrations
APPROVED

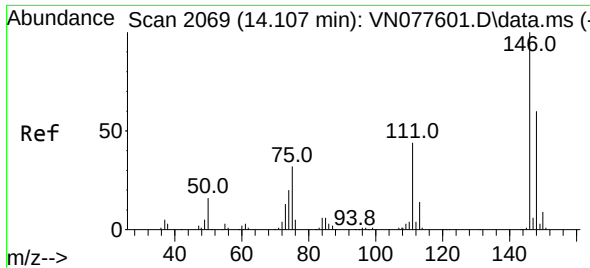
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#86
Hexachloroethane
Concen: 19.245 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

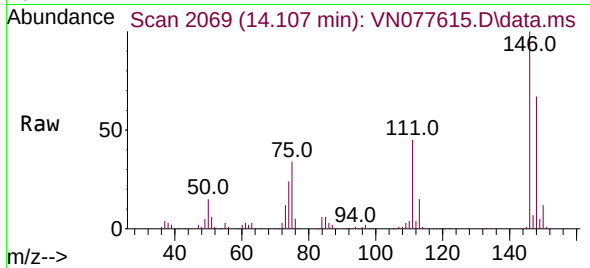
Tgt Ion:117 Resp: 103525
Ion Ratio Lower Upper
117 100
201 59.1 28.1 84.4





#87
1,2-Dichlorobenzene
Concen: 19.799 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

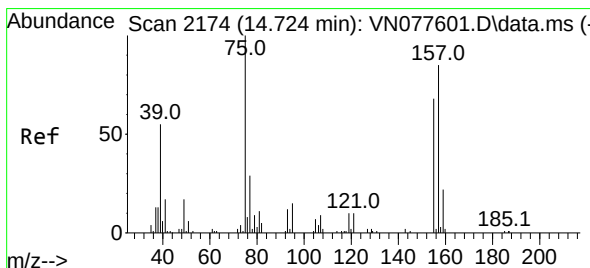
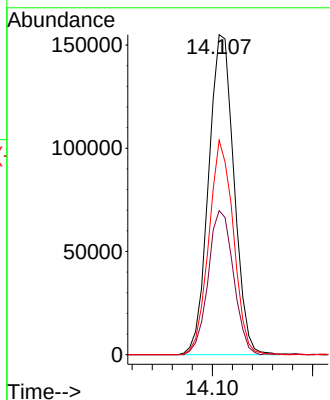
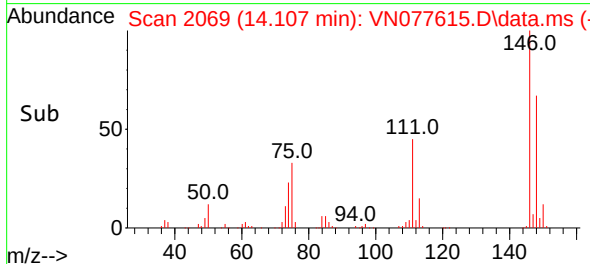
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBS01



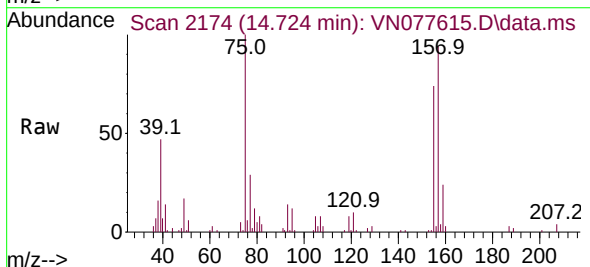
Tgt Ion:146 Resp: 27249
Ion Ratio Lower Upper
146 100
111 44.8 22.7 68.0
148 64.6 31.0 93.0

Manual Integrations
APPROVED

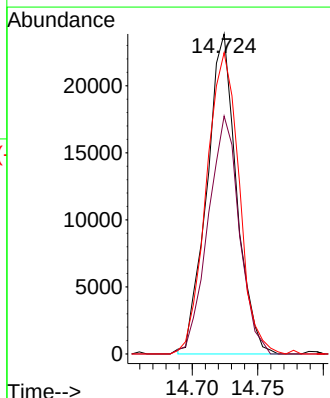
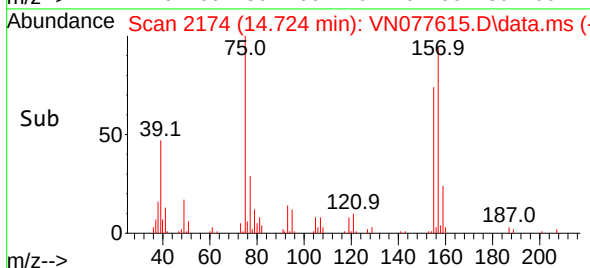
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

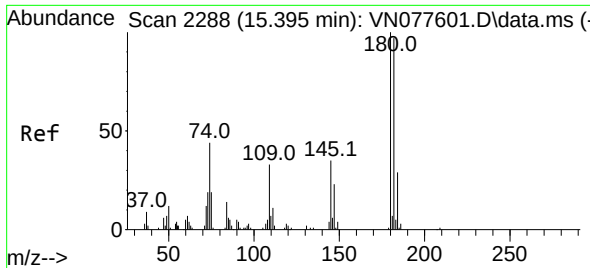


#88
1,2-Dibromo-3-Chloropropane
Concen: 21.048 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10



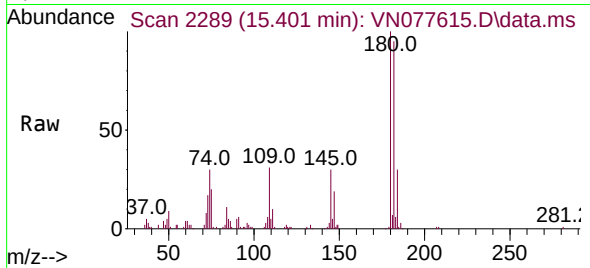
Tgt Ion: 75 Resp: 37455
Ion Ratio Lower Upper
75 100
155 78.6 63.1 94.7
157 104.2 75.5 113.3





#89
1,2,4-Trichlorobenzene
Concen: 17.691 ug/l
RT: 15.401 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

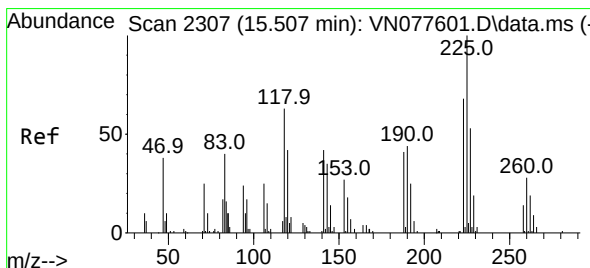
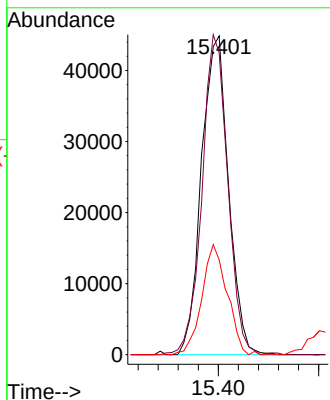
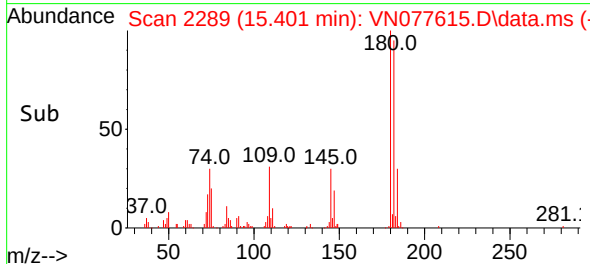
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBS01



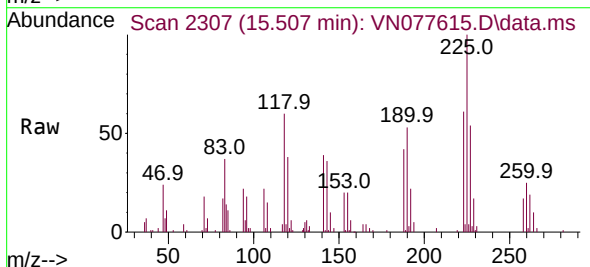
Tgt Ion:180 Resp: 8388
Ion Ratio Lower Upper
180 100
182 95.3 75.1 112.7
145 32.2 28.6 43.0

Manual Integrations
APPROVED

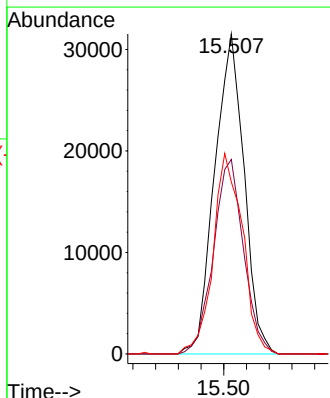
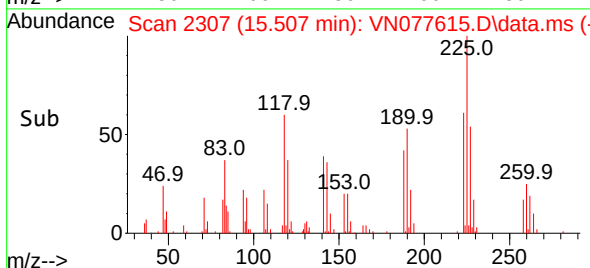
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

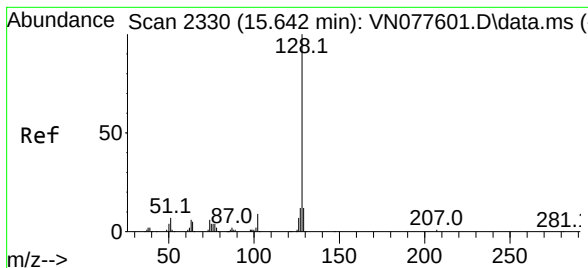


#90
Hexachlorobutadiene
Concen: 21.200 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. -0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10



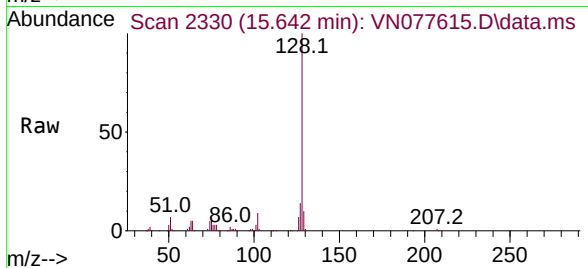
Tgt Ion:225 Resp: 56685
Ion Ratio Lower Upper
225 100
223 62.2 0.0 132.2
227 62.5 0.0 116.2





#91
Naphthalene
Concen: 18.092 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10

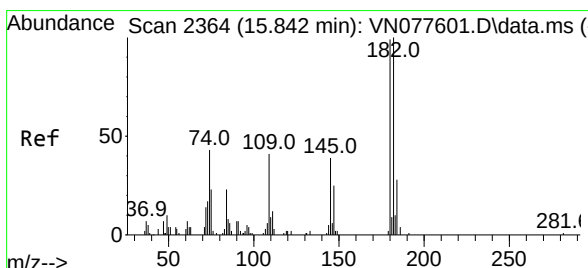
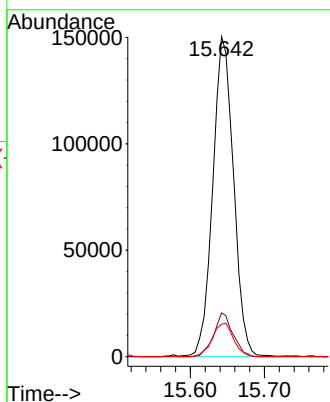
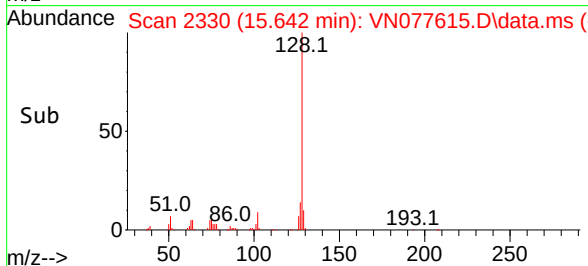
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBS01



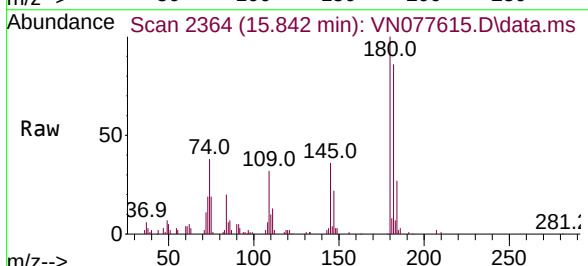
Tgt Ion:128 Resp: 293060
Ion Ratio Lower Upper
128 100
127 12.5 9.6 14.4
129 10.7 9.1 13.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#92
1,2,3-Trichlorobenzene
Concen: 17.645 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN077615.D
Acq: 08 May 2023 14:10



Tgt Ion:180 Resp: 77056
Ion Ratio Lower Upper
180 100
182 96.4 0.0 193.4
145 36.3 0.0 78.6

