

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041423\
 Data File : VN077343.D
 Acq On : 14 Apr 2023 10:37
 Operator : JC\MD
 Sample : VN0414WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2023
 Supervised By : Mahesh Dadoda 04/17/2023

Quant Time: Apr 17 05:06:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 13:04:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	48681	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	350212	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.872	117	384442	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	124539	30.164	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.533%			
60) 4-Bromofluorobenzene	12.854	95	194136	29.204	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.333%			
63) Toluene-d8	10.572	98	394394	29.182	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 97.267%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	81338	17.575	ug/l	94
3) Chloromethane	2.372	50	94647	15.394	ug/l	94
4) Vinyl Chloride	2.525	62	136404	15.489	ug/l	95
5) Bromomethane	2.954	94	109994	16.575	ug/l	87
6) Chloroethane	3.125	64	99418	16.842	ug/l	98
7) Trichlorofluoromethane	3.501	101	139137	16.968	ug/l	88
8) Diethyl Ether	3.972	74	64320	18.403	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.384	101	89780m	17.509	ug/l	
10) 1,1-Dichloroethene	4.348	96	82982	16.177	ug/l	93
11) Methyl Iodide	4.607	142	111594	19.256	ug/l	99
12) Methyl Acetate	5.043	43	141395m	18.501	ug/l	
13) Acrolein	4.196	56	92389	97.392	ug/l	100
14) Acrylonitrile	5.731	53	235441	90.126	ug/l	99
15) Acetone	4.443	58	67878	71.622	ug/l	98
16) Carbon Disulfide	4.725	76	208451	15.396	ug/l	98
17) Allyl chloride	5.031	41	94153	14.258	ug/l	99
18) Methylene Chloride	5.284	84	106526	17.883	ug/l	94
19) trans-1,2-Dichloroethene	5.795	96	96039	17.219	ug/l	95
20) Diisopropyl ether	6.684	45	270661	17.198	ug/l	97
21) 1,1-Dichloroethane	6.572	63	172432	17.286	ug/l	99
22) cis-1,2-Dichloroethene	7.495	96	120733	17.756	ug/l	98
23) tert-Butyl Alcohol	5.537	59	107108	92.208	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	343789	18.616	ug/l	98
25) Chloroform	7.972	83	190634	17.634	ug/l	98
26) Cyclohexane	8.266	56	133799	15.436	ug/l #	97
29) 1,1-Dichloropropene	8.378	75	129525	17.073	ug/l	97
30) 2-Butanone	7.489	43	302349	84.276	ug/l	98
31) 2,2-Dichloropropane	7.495	77	154538	16.594	ug/l	100
32) 1,1,1-Trichloroethane	8.172	97	169190	18.121	ug/l	98
33) Carbon Tetrachloride	8.366	117	141096	17.707	ug/l	98
34) Benzene	8.613	78	425701	18.135	ug/l	96
35) Methacrylonitrile	7.789	41	62306	18.436	ug/l	97
36) 1,2-Dichloroethane	8.678	62	148712	20.207	ug/l	98
37) Trichloroethene	9.354	130	105384	18.354	ug/l	89
38) Methylcyclohexane	9.607	83	179101	17.406	ug/l	98
39) 1,2-Dichloropropane	9.625	63	106672	18.306	ug/l	98
40) Dibromomethane	9.713	93	83669	19.928	ug/l	99
41) Bromodichloromethane	9.889	83	161728	19.317	ug/l	98
42) Vinyl Acetate	6.613	43	1075441m	103.575	ug/l	

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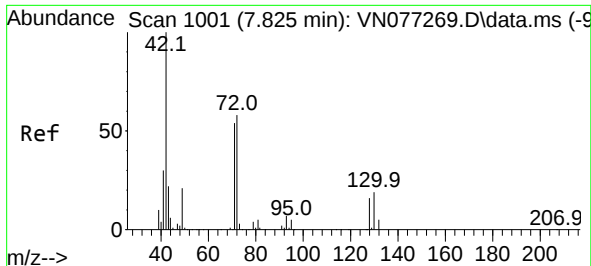
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 Supervised By : Mahesh Dadoda 04/17/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	123697	18.636	ug/l	94
44) Isopropyl Acetate	8.695	43	226446	19.054	ug/l #	100
45) 1,4-Dioxane	9.695	88	50181	400.373	ug/l	96
46) Methyl methacrylate	9.683	41	97602	19.075	ug/l	89
47) n-amyl Acetate	12.501	43	188475	18.148	ug/l	96
48) t-1,3-Dichloropropene	10.842	75	176794	18.869	ug/l	98
49) cis-1,3-Dichloropropene	10.319	75	184507	18.510	ug/l	96
50) 1,1,2-Trichloroethane	11.019	97	123979	20.329	ug/l	98
51) Ethyl methacrylate	10.877	69	185472	19.804	ug/l	96
52) 1,3-Dichloropropane	11.166	76	204684	20.109	ug/l	97
53) Dibromochloromethane	11.366	129	127843	19.889	ug/l	99
54) 1,2-Dibromoethane	11.472	107	121154	19.789	ug/l	96
55) 2-Chloroethyl vinyl ether	10.166	63	305438	105.631	ug/l	98
56) Bromoform	12.583	173	85742	19.858	ug/l	99
58) 4-Methyl-2-Pentanone	10.448	43	689405	95.776	ug/l	99
59) 2-Hexanone	11.201	43	506830	91.093	ug/l	99
61) Tetrachloroethene	11.107	164	84459	18.471	ug/l	96
62) Toluene	10.636	91	500755	18.669	ug/l	99
64) Chlorobenzene	11.895	112	306956	18.836	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.966	131	113769	18.985	ug/l	96
66) Ethyl Benzene	11.966	91	539622	18.159	ug/l	98
67) m/p-Xylenes	12.077	106	425884	36.563	ug/l	99
68) o-Xylene	12.401	106	211236	18.127	ug/l	96
69) Styrene	12.419	104	345205	18.490	ug/l	99
70) Isopropylbenzene	12.701	105	542306	18.337	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.942	83	184092	20.327	ug/l	99
72) 1,2,3-Trichloropropane	12.995	75	141758m	23.027	ug/l	
73) Bromobenzene	12.983	156	114284	19.021	ug/l	98
74) n-propylbenzene	13.042	91	586004	17.909	ug/l	99
75) 2-Chlorotoluene	13.130	91	361329	18.433	ug/l	100
76) 1,3,5-Trimethylbenzene	13.177	105	434429	18.049	ug/l	96
77) t-1,4-Dichloro-2-butene	12.742	75	57069	18.200	ug/l	93
78) 4-Chlorotoluene	13.224	91	334538	18.062	ug/l	99
79) tert-butylbenzene	13.442	119	382053	18.238	ug/l	100
80) 1,2,4-Trimethylbenzene	13.489	105	413041	17.603	ug/l	100
81) sec-Butylbenzene	13.618	105	539373	18.028	ug/l	100
82) p-Isopropyltoluene	13.736	119	425633	17.758	ug/l	100
83) 1,3-Dichlorobenzene	13.736	146	204159	17.921	ug/l	100
84) 1,4-Dichlorobenzene	13.818	146	199338	18.035	ug/l	98
85) n-Butylbenzene	14.060	91	335292	16.928	ug/l	99
86) Hexachloroethane	14.342	117	89183	17.491	ug/l	98
87) 1,2-Dichlorobenzene	14.113	146	213639	19.139	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.724	75	32566	18.765	ug/l	95
89) 1,2,4-Trichlorobenzene	15.371	180	65656	14.953	ug/l	95
90) Hexachlorobutadiene	15.465	225	41598	18.473	ug/l	99
91) Naphthalene	15.589	128	245689	14.647	ug/l	99
92) 1,2,3-Trichlorobenzene	15.759	180	61425	14.337	ug/l	99

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



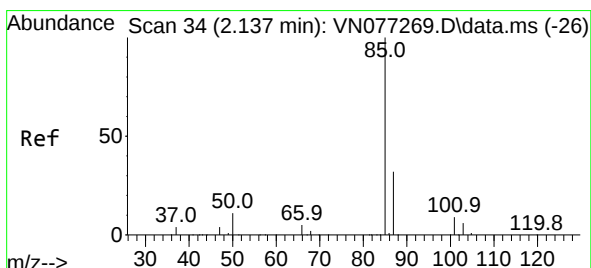
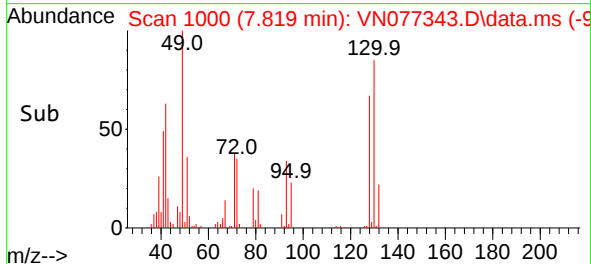
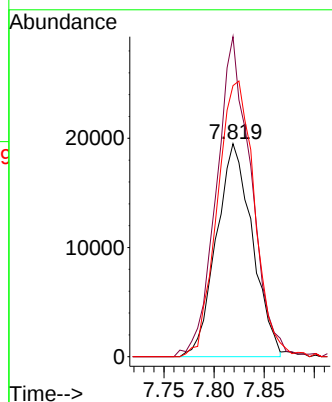
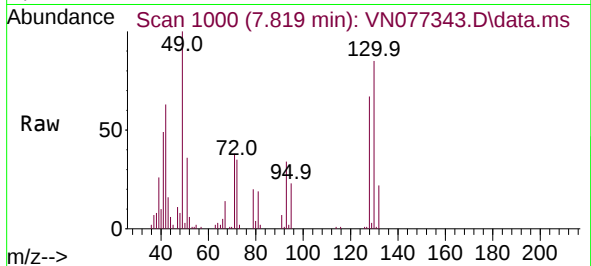
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

Instrument :
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ClientSampleId :
VN0414WBSD01

Tgt Ion:128 Resp: 4868
Ion Ratio Lower Upper
128 100
49 144.5 0.0 379.5
130 133.4 0.0 322.8

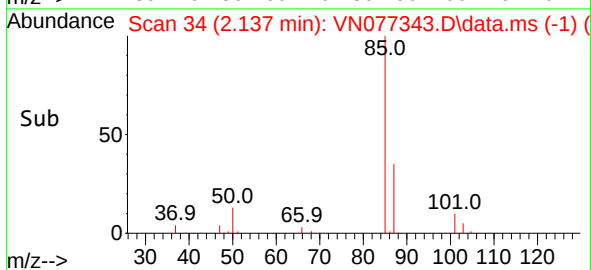
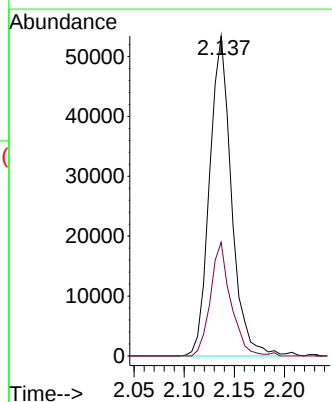
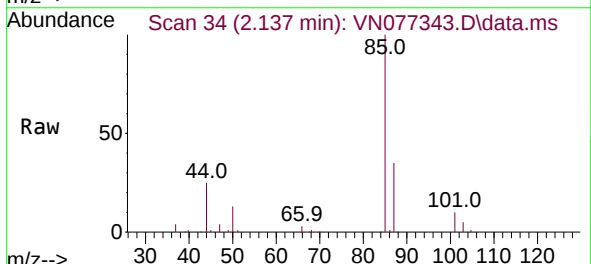
Manual Integrations
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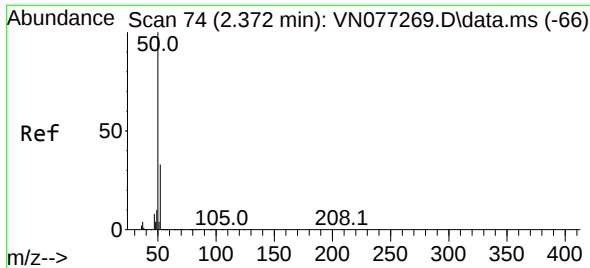
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#2
Dichlorodifluoromethane
Concen: 17.575 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

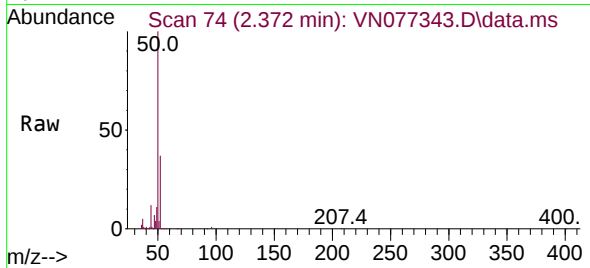
Tgt Ion: 85 Resp: 81338
Ion Ratio Lower Upper
85 100
87 35.5 16.2 48.6





#3
Chloromethane
Concen: 15.394 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

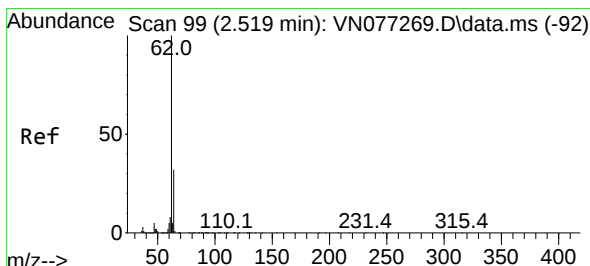
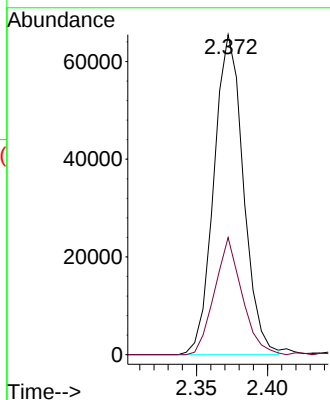
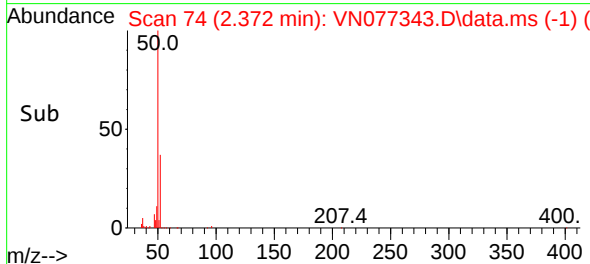
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



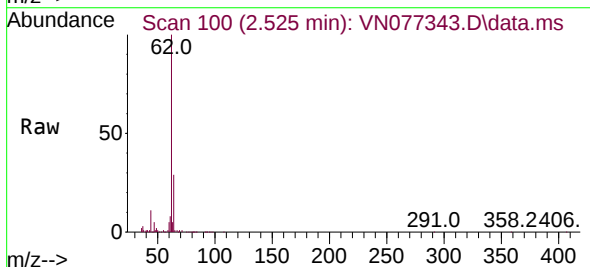
Tgt Ion: 50 Resp: 9464
Ion Ratio Lower Upper
50 100
52 36.6 26.4 39.6

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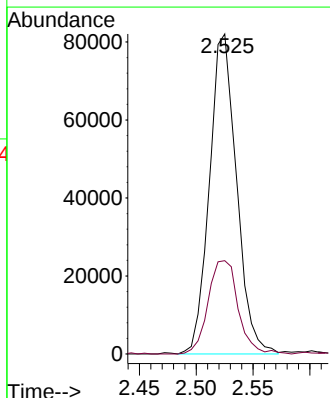
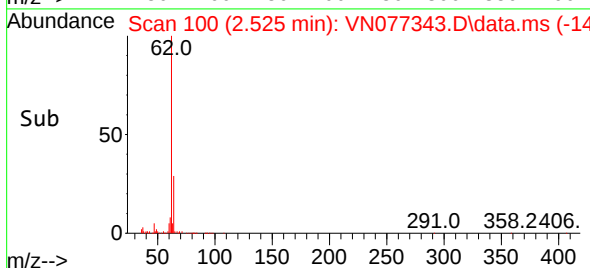
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Supervised By :Mahesh Dadoda 04/17/2023

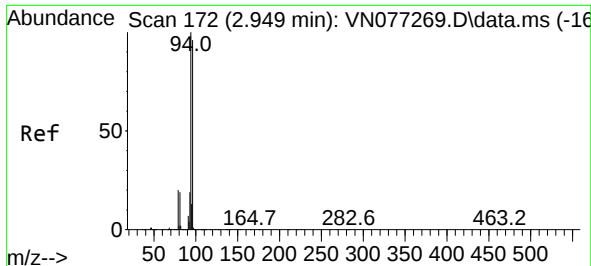


#4
Vinyl Chloride
Concen: 15.489 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37



Tgt Ion: 62 Resp: 136404
Ion Ratio Lower Upper
62 100
64 29.1 25.4 38.0





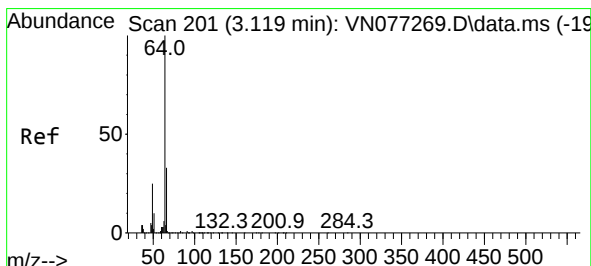
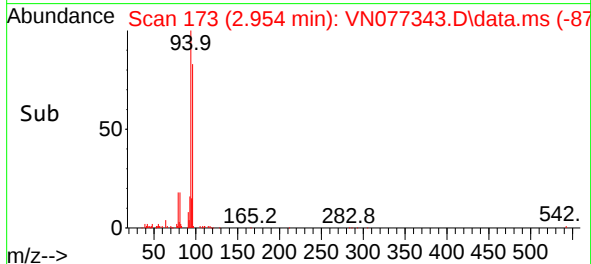
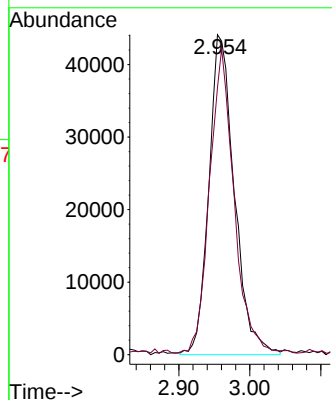
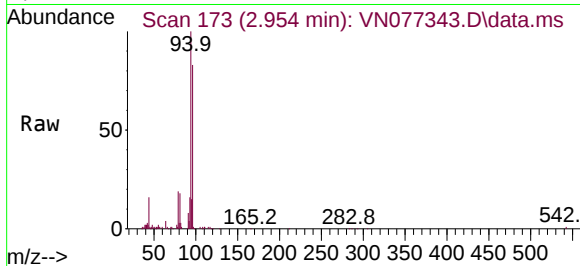
#5
Bromomethane
Concen: 16.575 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

Tgt Ion: 94 Resp: 109994
Ion Ratio Lower Upper
94 100
96 83.1 77.0 115.6

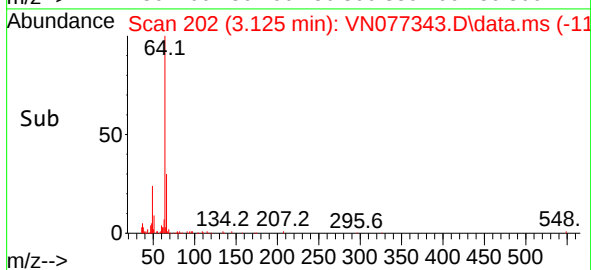
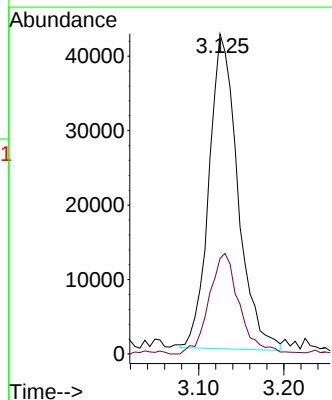
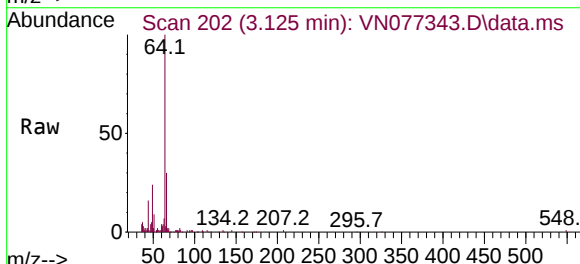
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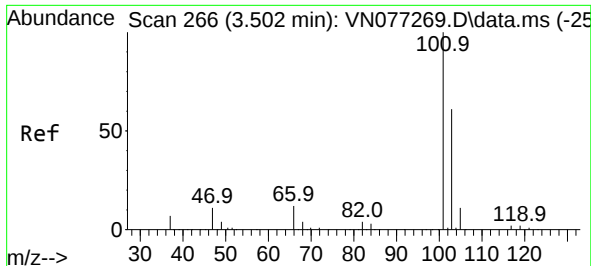
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#6
Chloroethane
Concen: 16.842 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

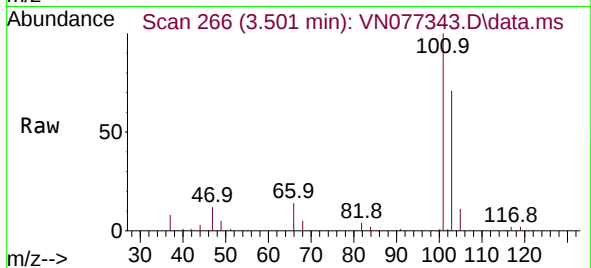
Tgt Ion: 64 Resp: 99418
Ion Ratio Lower Upper
64 100
66 30.7 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 16.968 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. -0.001 min
 Lab File: VN077343.D
 Acq: 14 Apr 2023 10:37

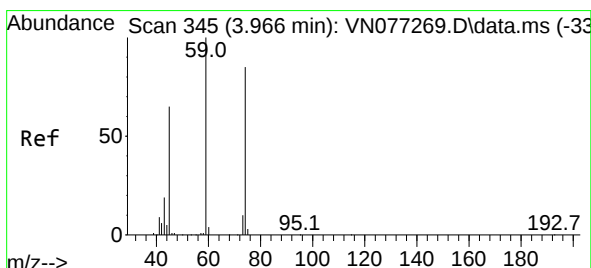
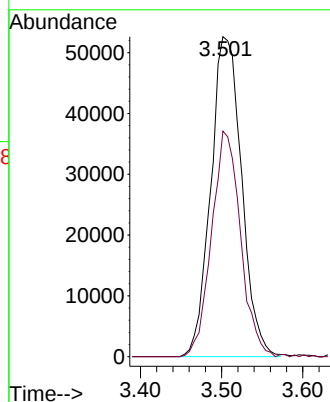
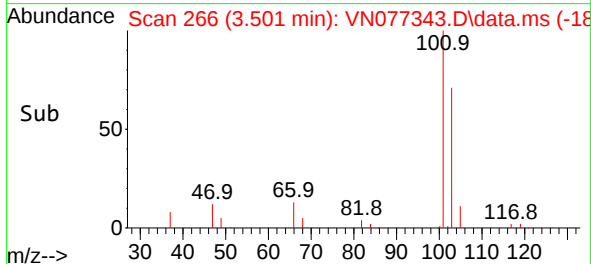
Instrument :
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Tgt Ion:101 Resp: 13913
 Ion Ratio Lower Upper
 101 100
 103 70.5 48.9 73.3

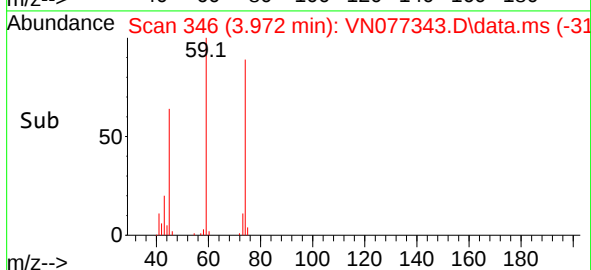
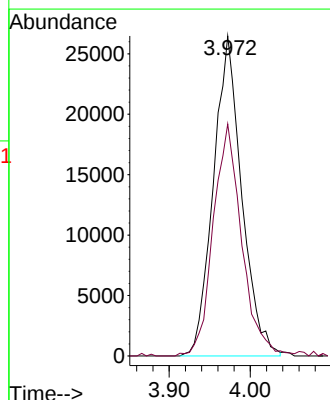
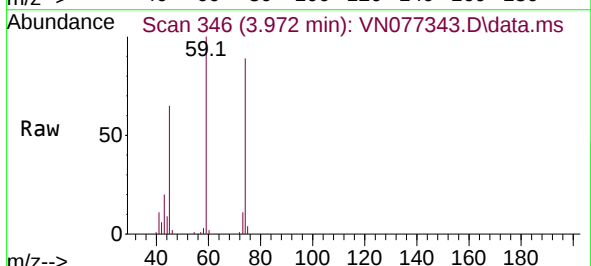
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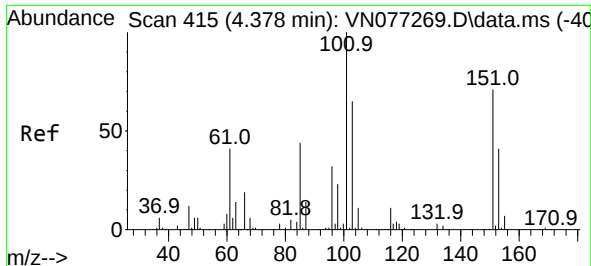
Reviewed By :John Carlone 04/17/2023
 Supervised By :Mahesh Dadoda 04/17/2023



#8
 Diethyl Ether
 Concen: 18.403 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.006 min
 Lab File: VN077343.D
 Acq: 14 Apr 2023 10:37

Tgt Ion: 74 Resp: 64320
 Ion Ratio Lower Upper
 74 100
 45 72.5 14.8 133.6





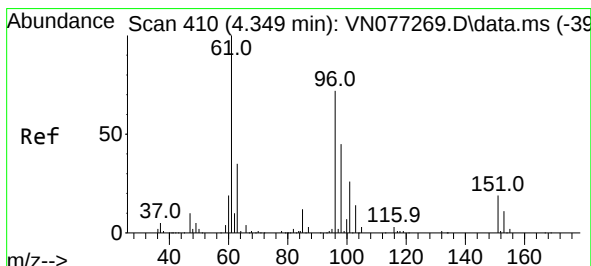
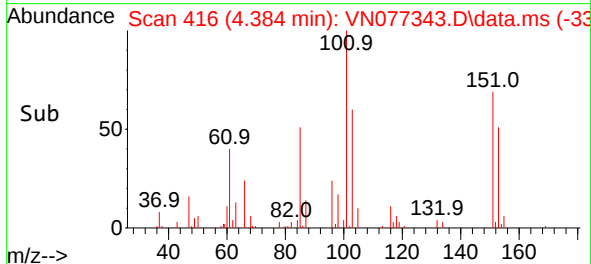
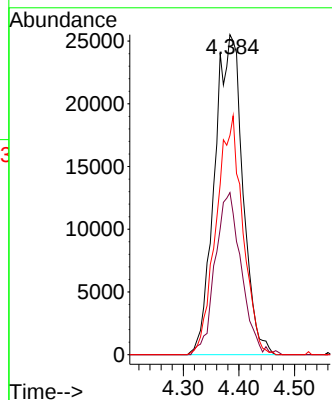
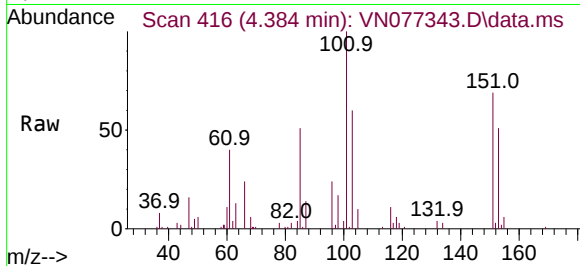
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1,1,2-Trichlorotrifluoroethane
Concen: 17.509 ug/l m
RT: 4.384 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

Tgt Ion:101 Resp: 89780
Ion Ratio Lower Upper
101 100
85 46.5 0.0 89.6
151 37.8 0.0 141.6

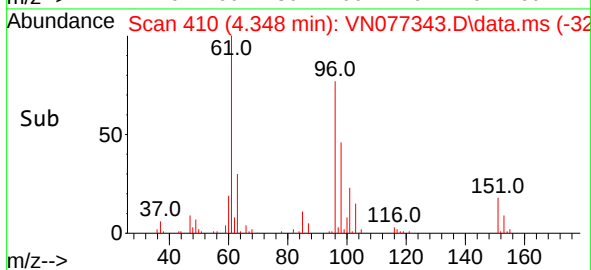
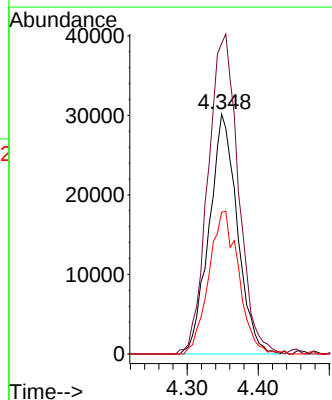
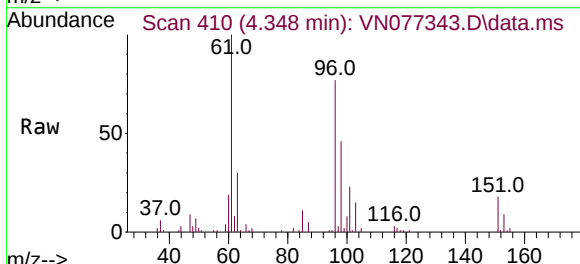
Manual Integrations
APPROVED

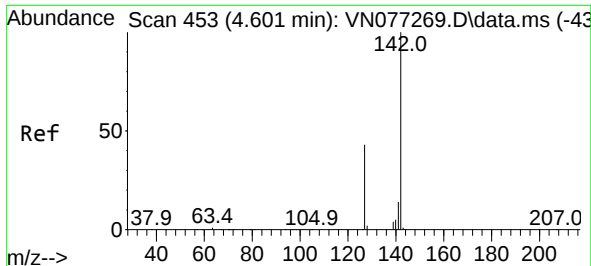
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#10
1,1-Dichloroethene
Concen: 16.177 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.001 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

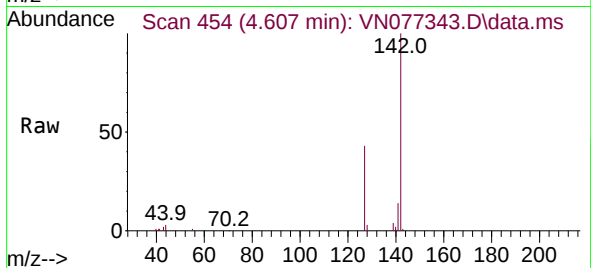
Tgt Ion: 96 Resp: 82982
Ion Ratio Lower Upper
96 100
61 128.7 110.7 166.1
98 59.1 49.6 74.4





#11
Methyl Iodide
Concen: 19.256 ug/l
RT: 4.607 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

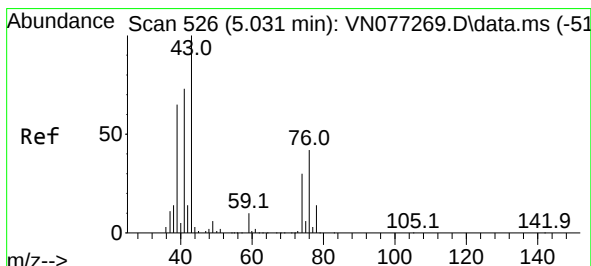
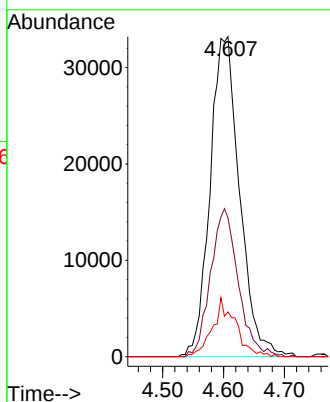
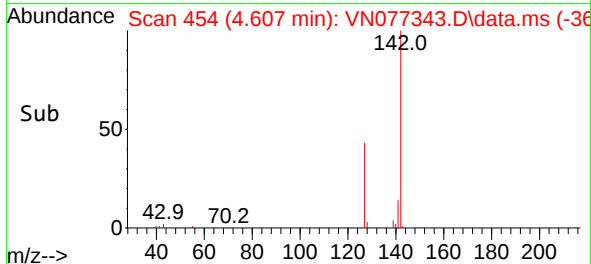
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



Tgt Ion:142 Resp: 111594
Ion Ratio Lower Upper
142 100
127 43.5 21.3 63.7
141 14.1 7.0 20.9

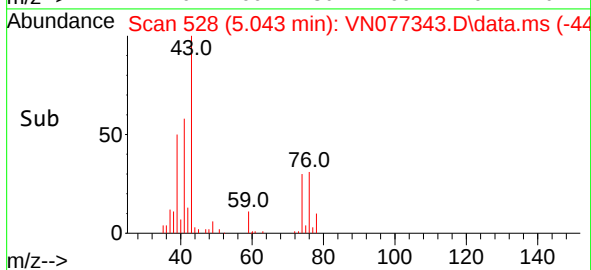
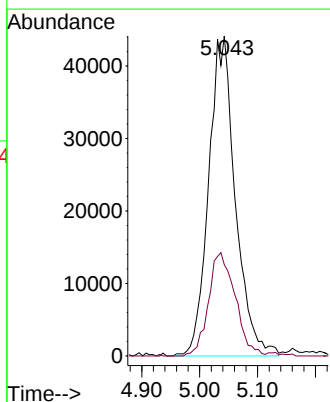
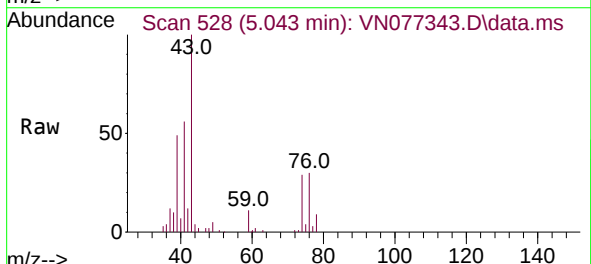
Manual Integrations
APPROVED

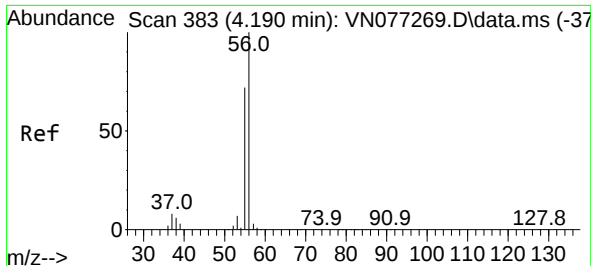
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#12
Methyl Acetate
Concen: 18.501 ug/l m
RT: 5.043 min Scan# 528
Delta R.T. 0.012 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

Tgt Ion: 43 Resp: 141395
Ion Ratio Lower Upper
43 100
74 28.5 24.2 36.2





#13

Acrolein

Concen: 97.392 ug/l

RT: 4.196 min Scan# 384

Delta R.T. 0.006 min

Lab File: VN077343.D

Acq: 14 Apr 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

Tgt Ion: 56 Resp: 92389

Ion Ratio Lower Upper

56 100

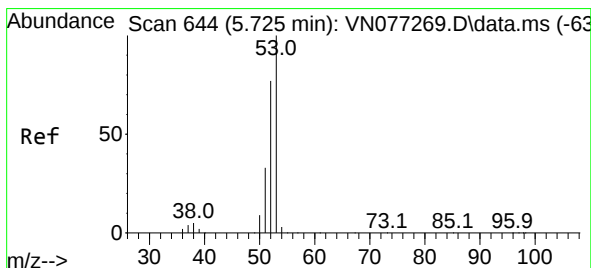
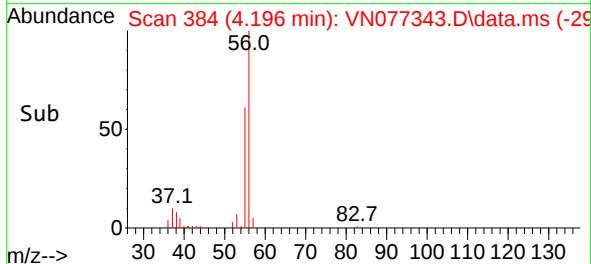
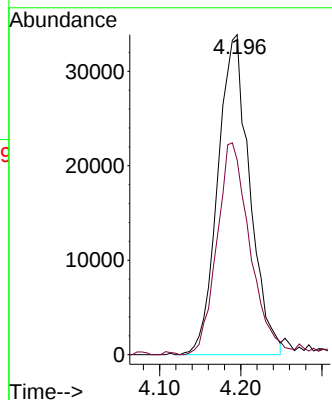
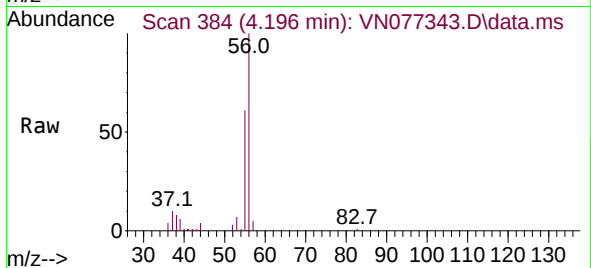
55 68.8 55.2 82.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#14

Acrylonitrile

Concen: 90.126 ug/l

RT: 5.731 min Scan# 645

Delta R.T. 0.006 min

Lab File: VN077343.D

Acq: 14 Apr 2023 10:37

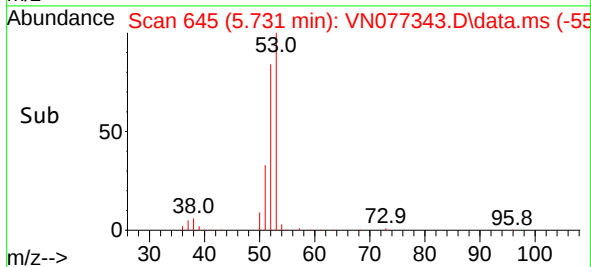
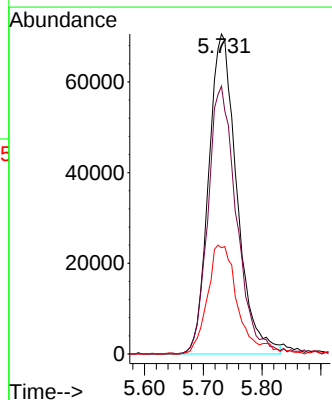
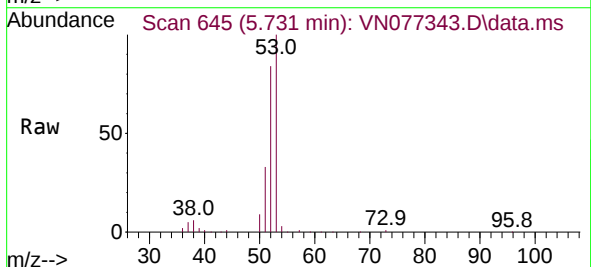
Tgt Ion: 53 Resp: 235441

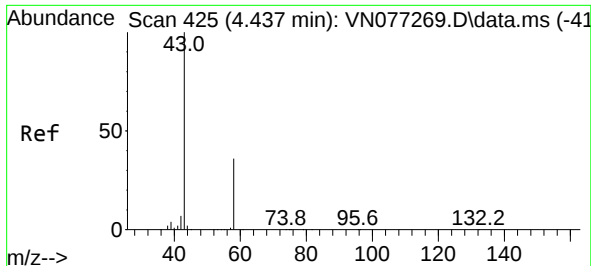
Ion Ratio Lower Upper

53 100

52 82.4 41.0 123.0

51 34.8 17.7 53.1





#15

Acetone

Concen: 71.622 ug/l

RT: 4.443 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN077343.D

Acq: 14 Apr 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

Tgt Ion: 58 Resp: 67878

Ion Ratio Lower Upper

58 100

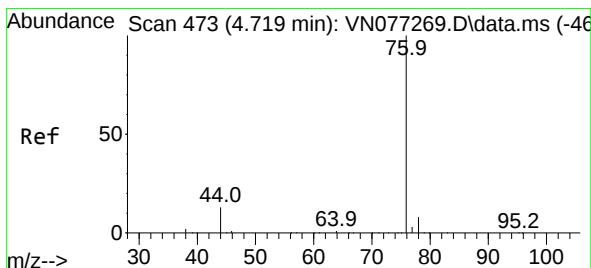
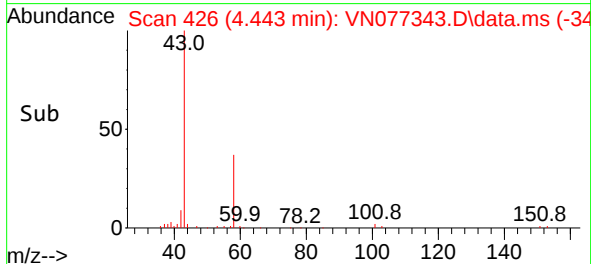
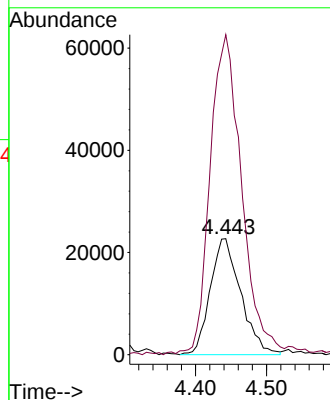
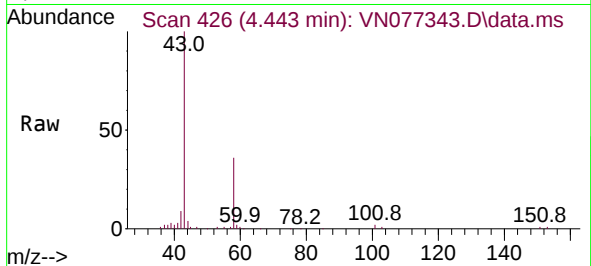
43 272.4 220.9 331.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#16

Carbon Disulfide

Concen: 15.396 ug/l

RT: 4.725 min Scan# 474

Delta R.T. 0.006 min

Lab File: VN077343.D

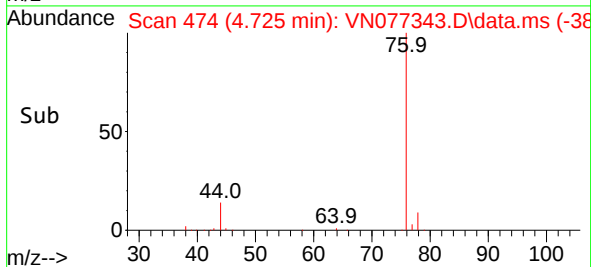
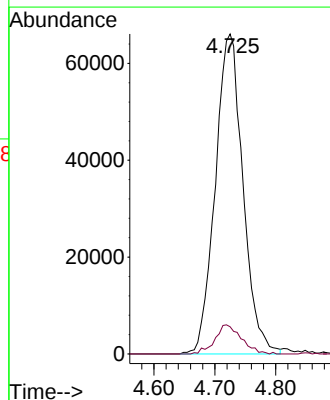
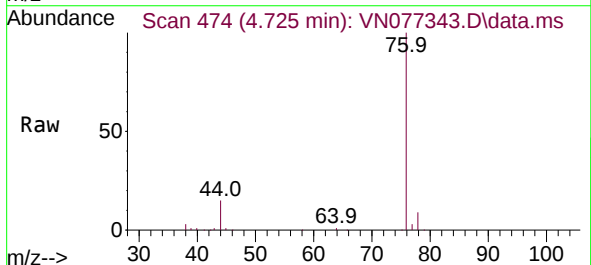
Acq: 14 Apr 2023 10:37

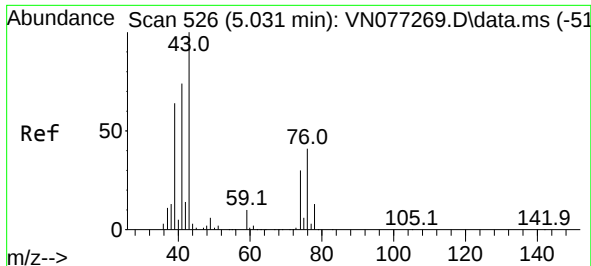
Tgt Ion: 76 Resp: 208451

Ion Ratio Lower Upper

76 100

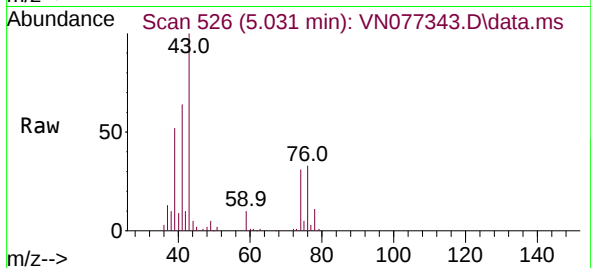
78 8.5 6.3 9.5





#17
 Allyl chloride
 Concen: 14.258 ug/l
 RT: 5.031 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN077343.D
 Acq: 14 Apr 2023 10:37

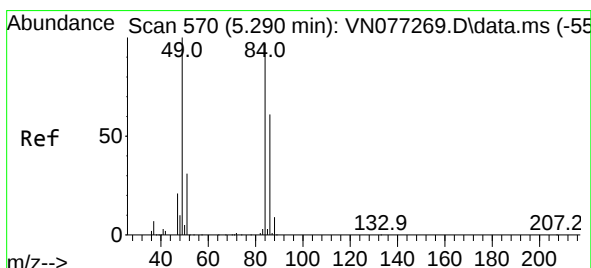
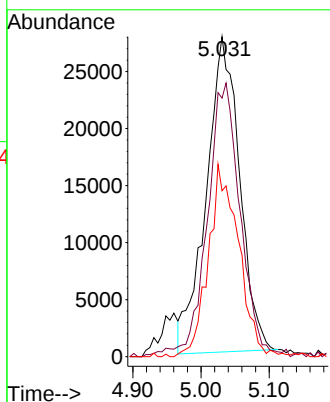
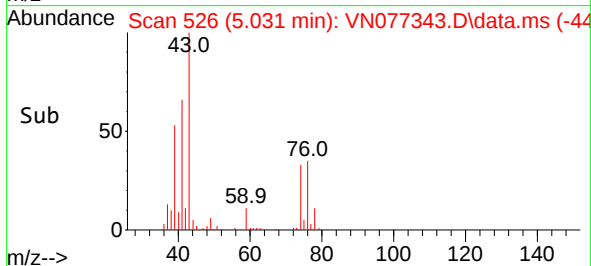
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBSD01



Tgt Ion: 41 Resp: 9415
 Ion Ratio Lower Upper
 41 100
 39 81.1 40.3 120.9
 76 52.3 25.3 75.8

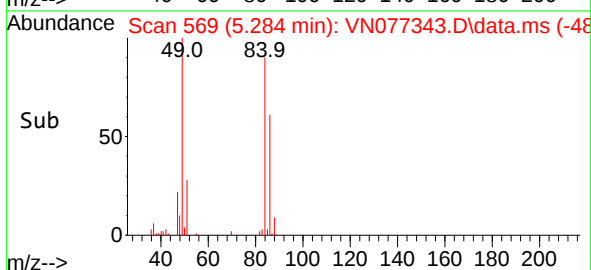
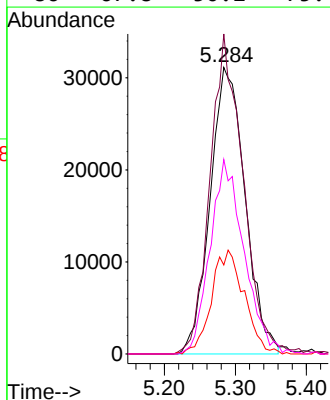
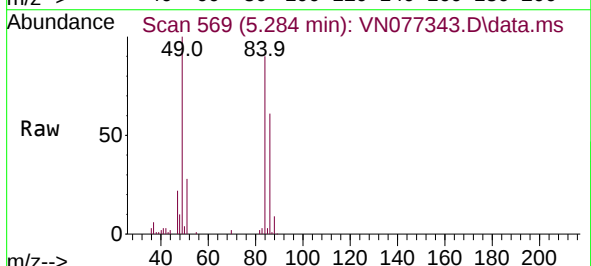
Manual Integrations
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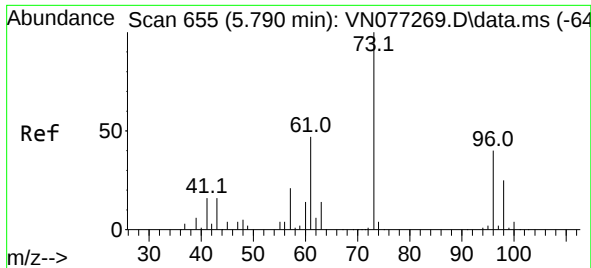
Reviewed By :John Carlone 04/17/2023
 Supervised By :Mahesh Dadoda 04/17/2023



#18
 Methylene Chloride
 Concen: 17.883 ug/l
 RT: 5.284 min Scan# 569
 Delta R.T. -0.006 min
 Lab File: VN077343.D
 Acq: 14 Apr 2023 10:37

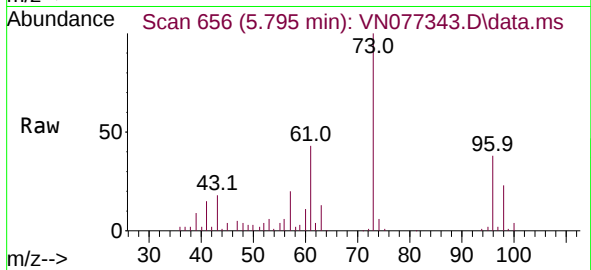
Tgt Ion: 84 Resp: 106526
 Ion Ratio Lower Upper
 84 100
 49 110.9 82.7 124.1
 51 30.5 25.6 38.4
 86 67.8 50.2 75.4





#19
trans-1,2-Dichloroethene
Concen: 17.219 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

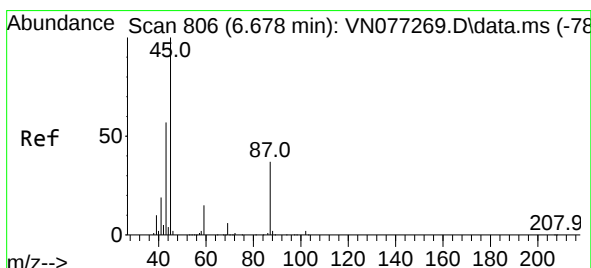
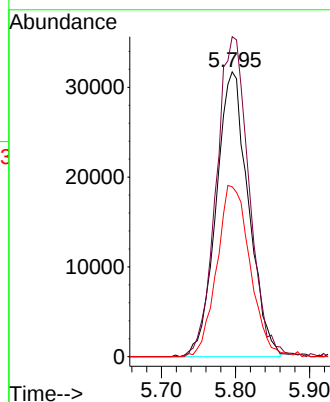
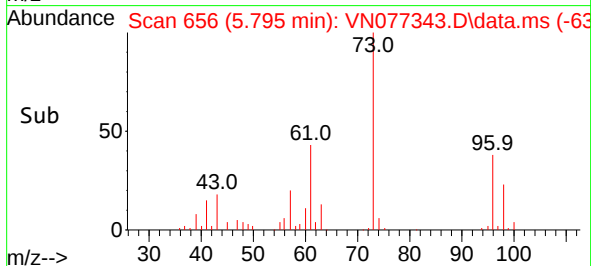
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



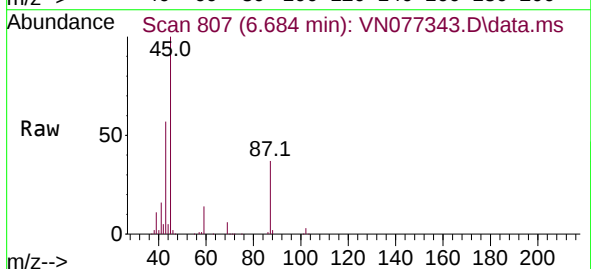
Tgt Ion: 96 Resp: 96039
Ion Ratio Lower Upper
96 100
61 112.4 94.5 141.7
98 59.6 49.8 74.8

Manual Integrations
APPROVED

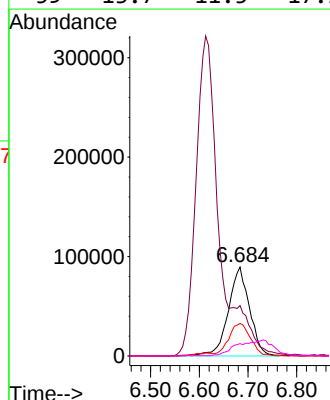
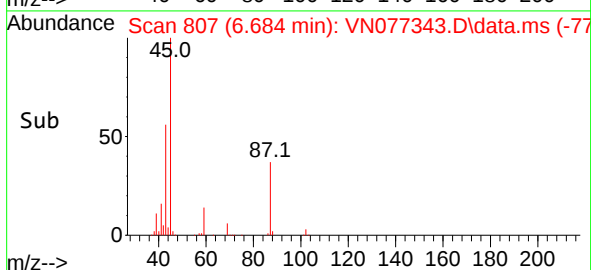
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

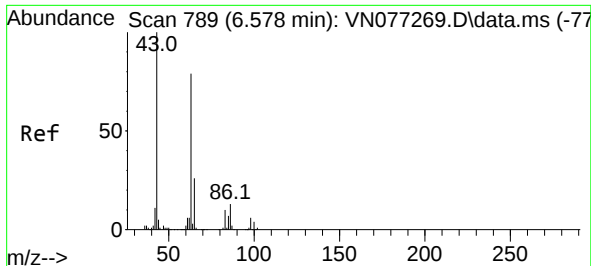


#20
Diisopropyl ether
Concen: 17.198 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.006 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37



Tgt Ion: 45 Resp: 270661
Ion Ratio Lower Upper
45 100
43 54.3 45.9 68.9
87 36.3 30.1 45.1
59 13.7 11.5 17.3





#21

1,1-Dichloroethane

Concen: 17.286 ug/l

RT: 6.572 min Scan# 71

Delta R.T. -0.006 min

Lab File: VN077343.D

Acq: 14 Apr 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

Tgt Ion: 63 Resp: 17243

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

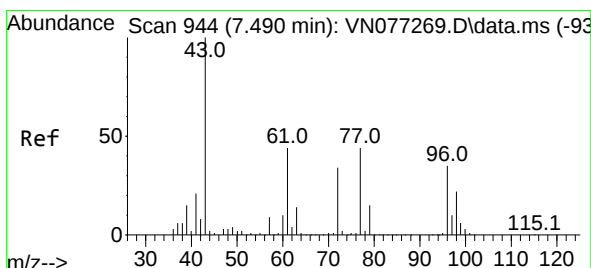
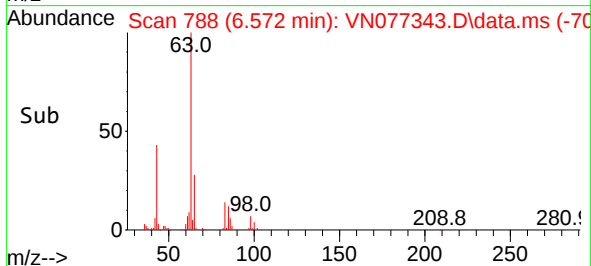
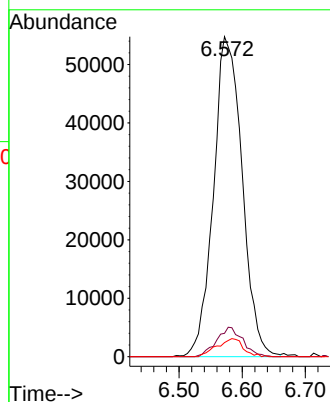
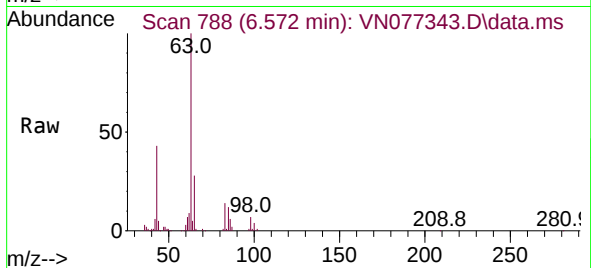
100 4.4 2.3 6.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#22

cis-1,2-Dichloroethene

Concen: 17.756 ug/l

RT: 7.495 min Scan# 945

Delta R.T. 0.005 min

Lab File: VN077343.D

Acq: 14 Apr 2023 10:37

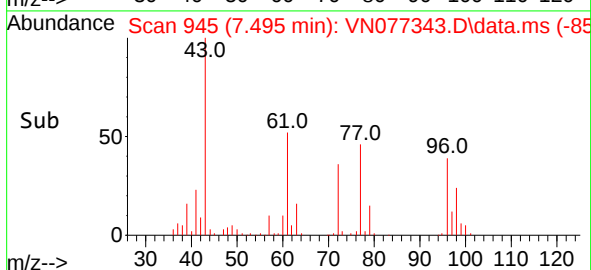
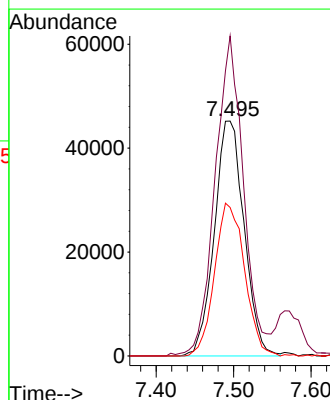
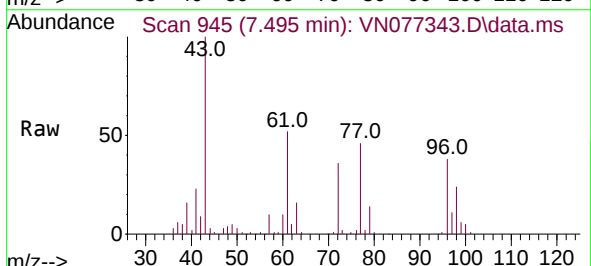
Tgt Ion: 96 Resp: 120733

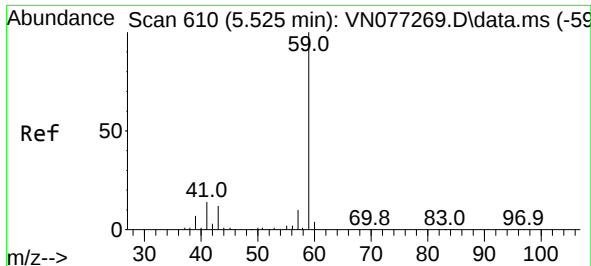
Ion Ratio Lower Upper

96 100

61 129.4 105.5 158.3

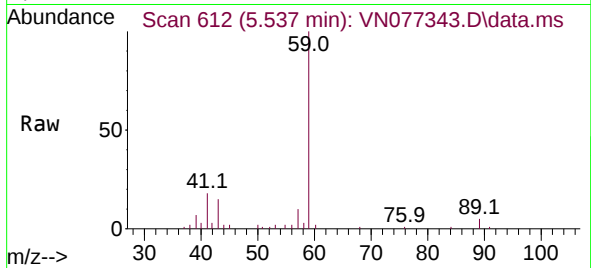
98 65.5 51.8 77.6





#23
tert-Butyl Alcohol
Concen: 92.208 ug/l
RT: 5.537 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

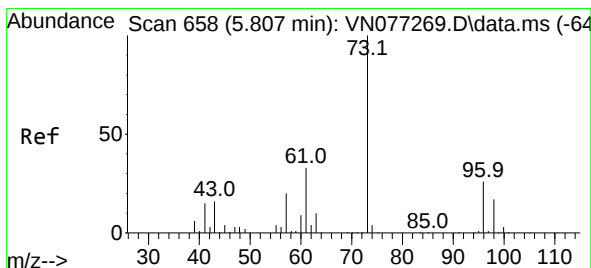
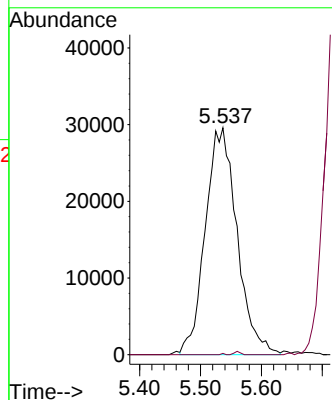
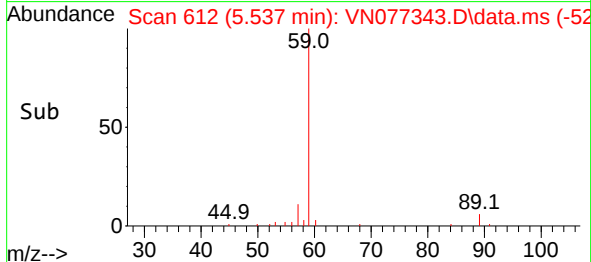
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



Tgt Ion: 59 Resp: 107108
Ion Ratio Lower Upper
59 100
52 0.3 0.1 0.1

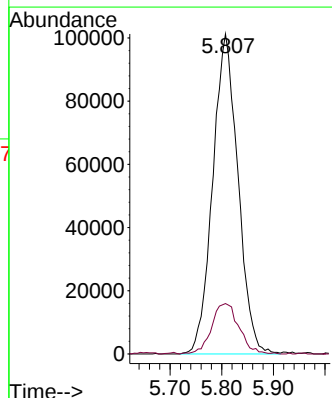
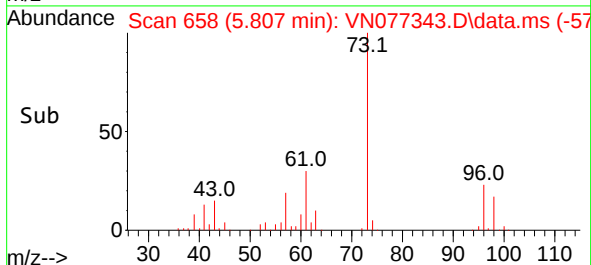
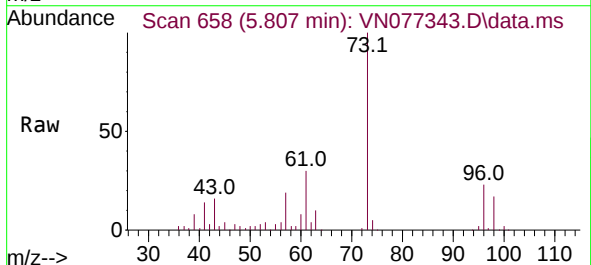
Manual Integrations
APPROVED

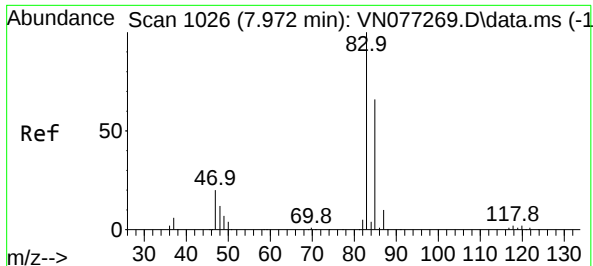
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#24
Methyl tert-Butyl Ether
Concen: 18.616 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.000 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

Tgt Ion: 73 Resp: 343789
Ion Ratio Lower Upper
73 100
43 16.0 13.5 20.3





#25

Chloroform

Concen: 17.634 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077343.D

Acq: 14 Apr 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

Tgt Ion: 83 Resp: 190634

Ion Ratio Lower Upper

83 100

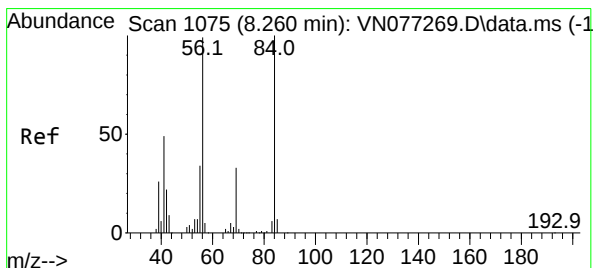
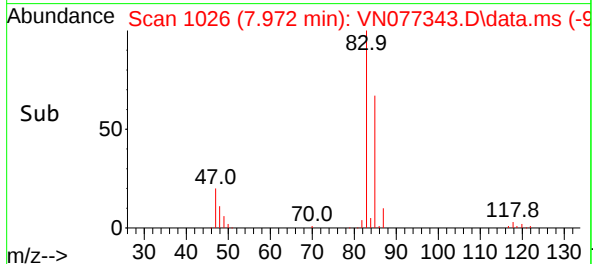
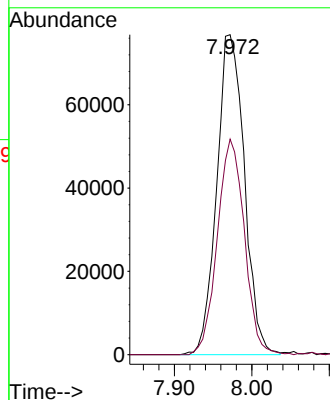
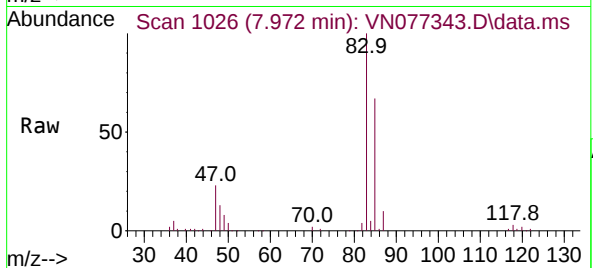
85 67.4 52.9 79.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#26

Cyclohexane

Concen: 15.436 ug/l

RT: 8.266 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VN077343.D

Acq: 14 Apr 2023 10:37

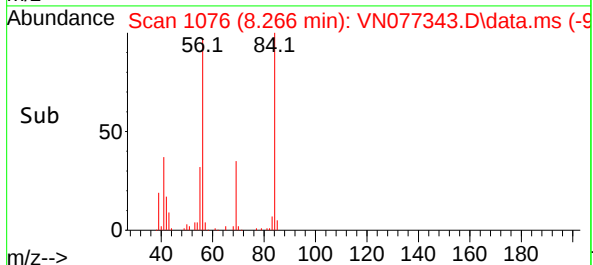
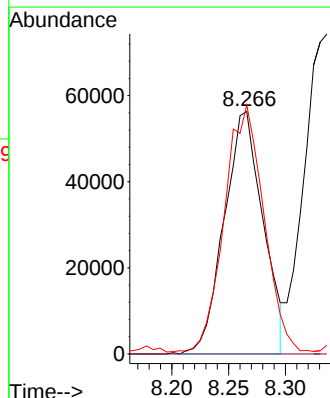
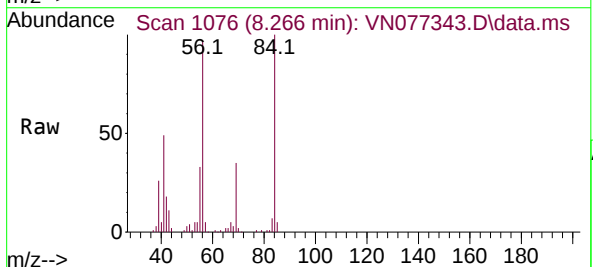
Tgt Ion: 56 Resp: 133799

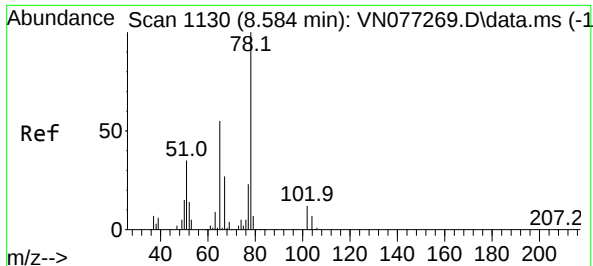
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 105.8 82.6 123.8





#27

1,2-Dichloroethane-d4

Concen: 30.164 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077343.D

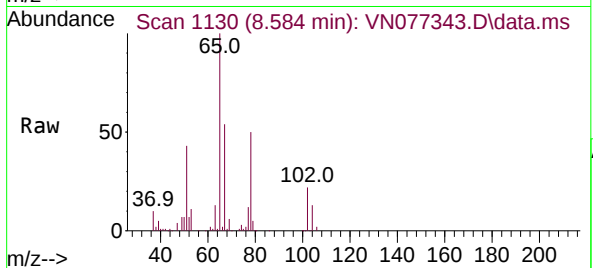
Acq: 14 Apr 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01



Tgt Ion: 65 Resp: 124539

Ion Ratio Lower Upper

65 100

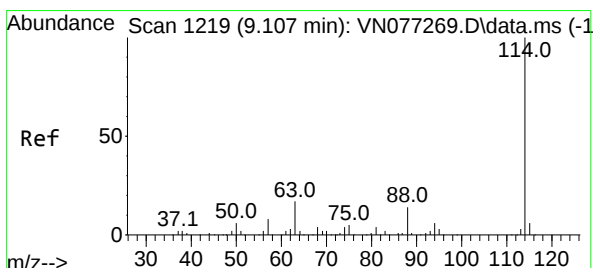
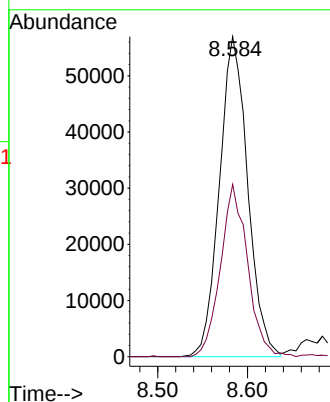
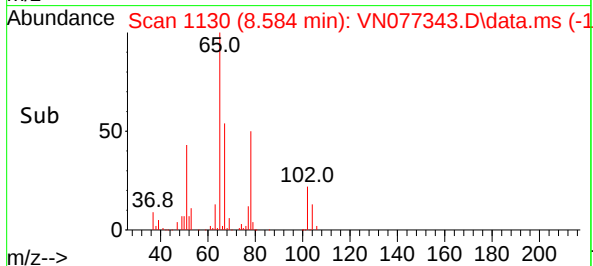
67 51.2 41.8 62.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077343.D

Acq: 14 Apr 2023 10:37

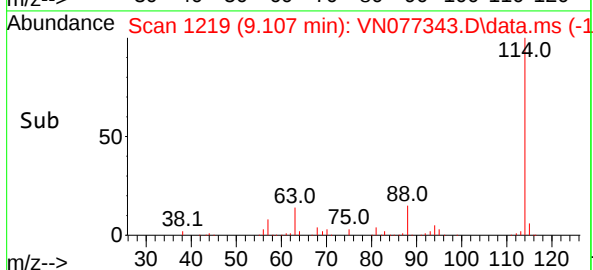
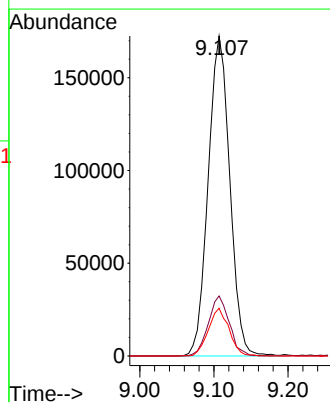
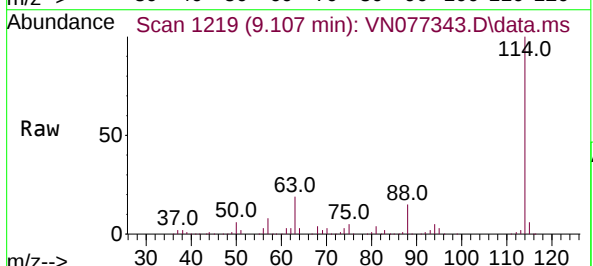
Tgt Ion:114 Resp: 350212

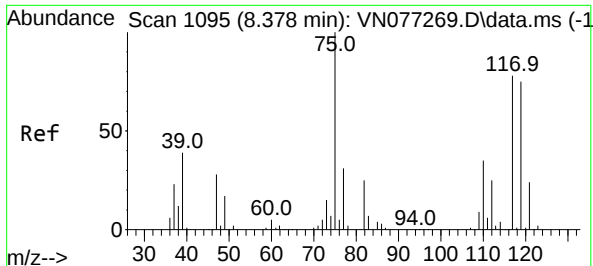
Ion Ratio Lower Upper

114 100

63 18.0 15.0 22.4

88 14.1 11.9 17.9





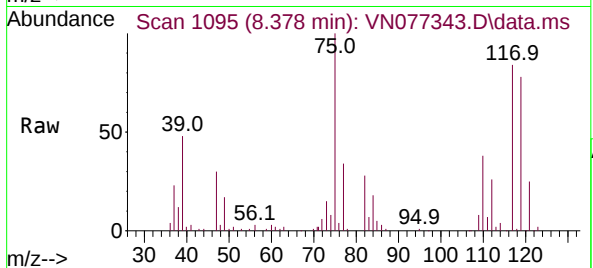
#29
1,1-Dichloropropene
Concen: 17.073 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01



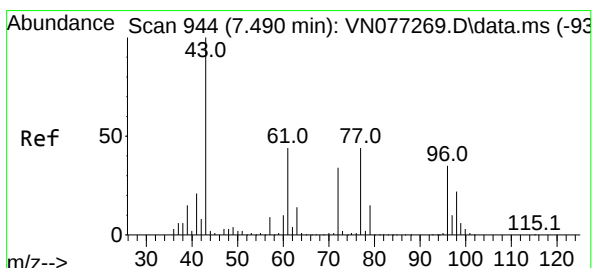
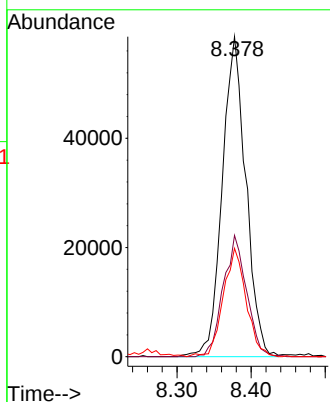
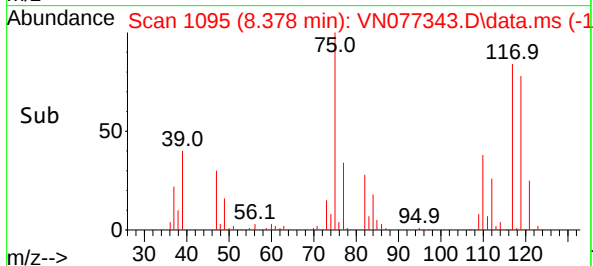
Tgt Ion: 75 Resp: 12952
Ion Ratio Lower Upper
75 100
110 37.5 0.0 72.4
77 32.4 0.0 61.4

Manual Integrations

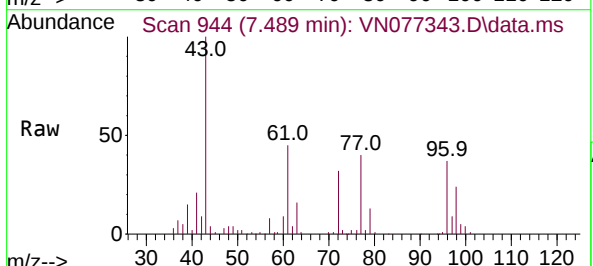
APPROVED

Reviewed By :John Carlone 04/17/2023

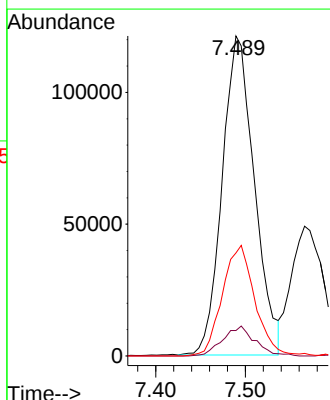
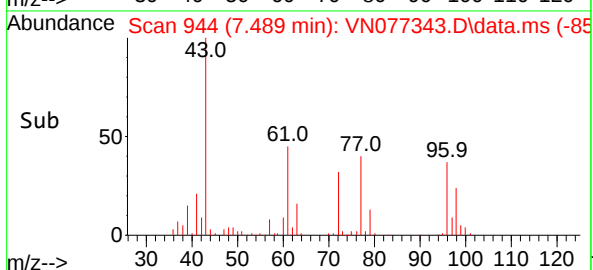
Supervised By :Mahesh Dadoda 04/17/2023

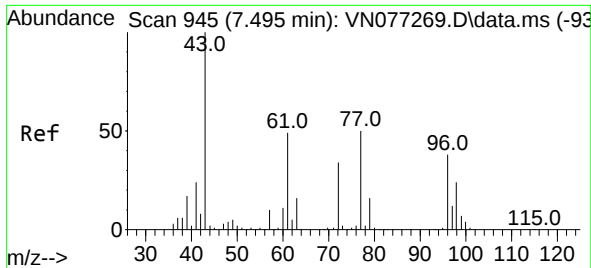


#30
2-Butanone
Concen: 84.276 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.001 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37



Tgt Ion: 43 Resp: 302349
Ion Ratio Lower Upper
43 100
57 9.3 7.5 11.3
72 34.8 26.9 40.3





#31

2,2-Dichloropropane

Concen: 16.594 ug/l

RT: 7.495 min Scan# 945

Delta R.T. 0.000 min

Lab File: VN077343.D

Acq: 14 Apr 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

Tgt Ion: 77 Resp: 154538

Ion Ratio Lower Upper

77 100

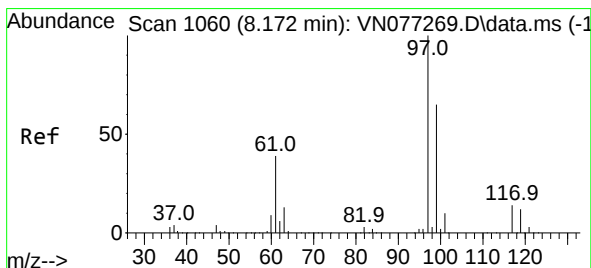
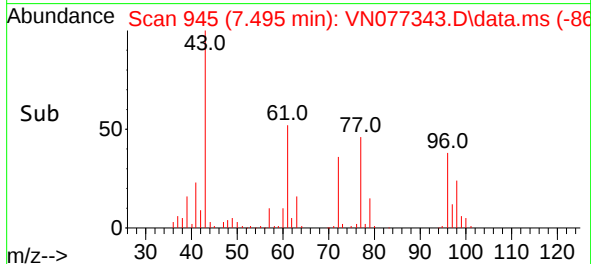
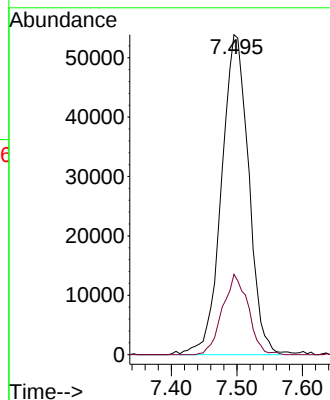
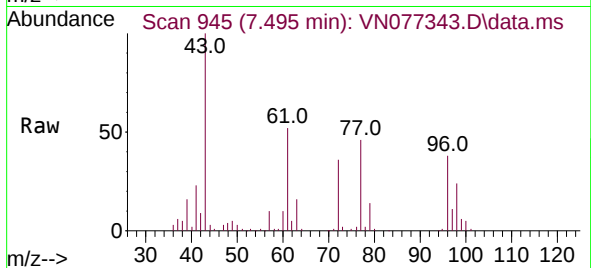
97 23.6 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#32

1,1,1-Trichloroethane

Concen: 18.121 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077343.D

Acq: 14 Apr 2023 10:37

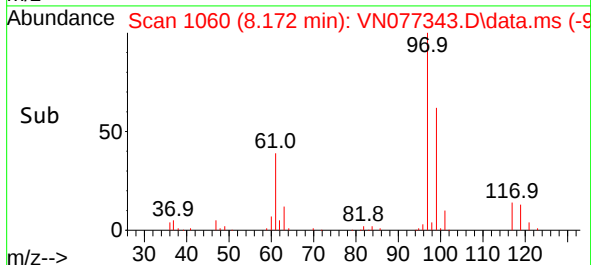
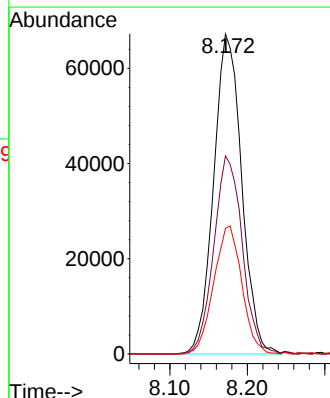
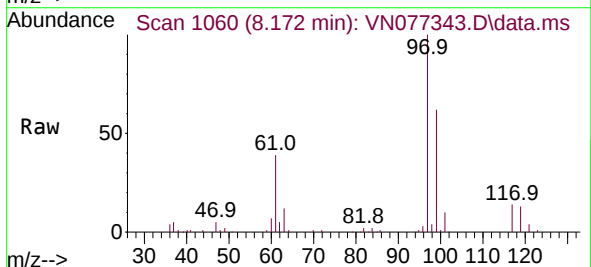
Tgt Ion: 97 Resp: 169190

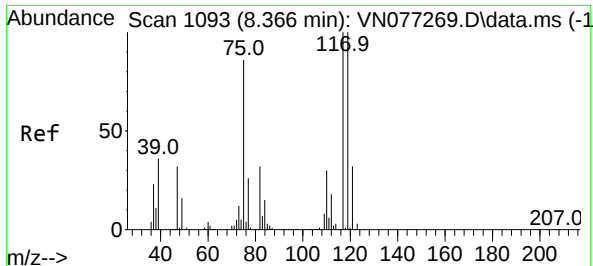
Ion Ratio Lower Upper

97 100

99 62.5 51.6 77.4

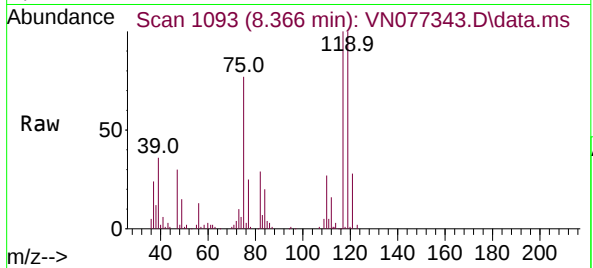
61 40.0 32.4 48.6





#33
Carbon Tetrachloride
Concen: 17.707 ug/l
RT: 8.366 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

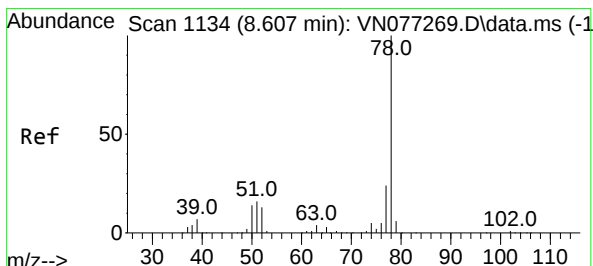
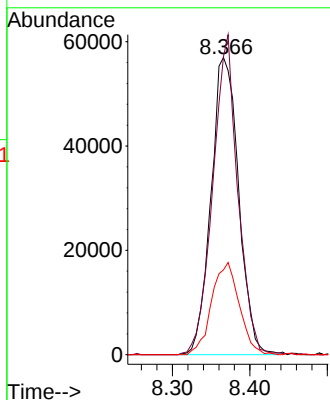
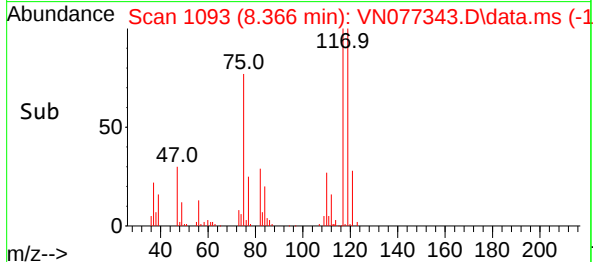
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



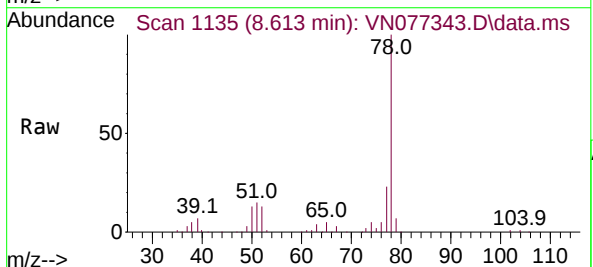
Tgt Ion: 117 Resp: 141090
Ion Ratio Lower Upper
117 100
119 100.3 80.2 120.4
121 28.5 26.0 39.0

Manual Integrations
APPROVED

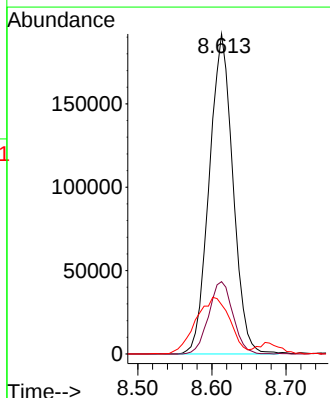
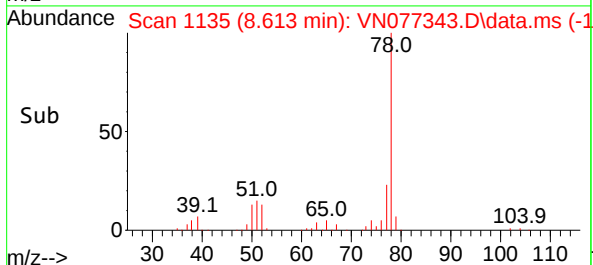
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

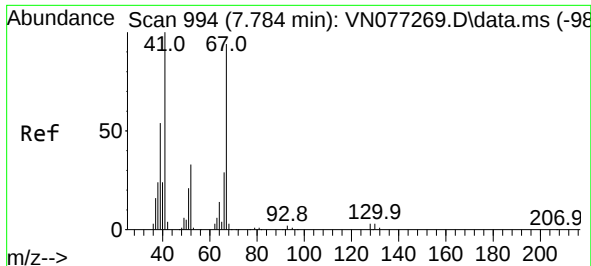


#34
Benzene
Concen: 18.135 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37



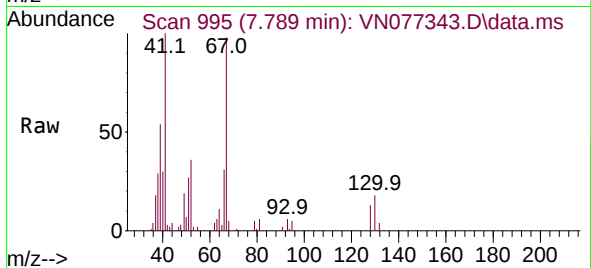
Tgt Ion: 78 Resp: 425701
Ion Ratio Lower Upper
78 100
77 22.6 19.4 29.0
51 13.9 12.6 19.0





#35
Methacrylonitrile
Concen: 18.436 ug/l
RT: 7.789 min Scan# 995
Delta R.T. 0.005 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

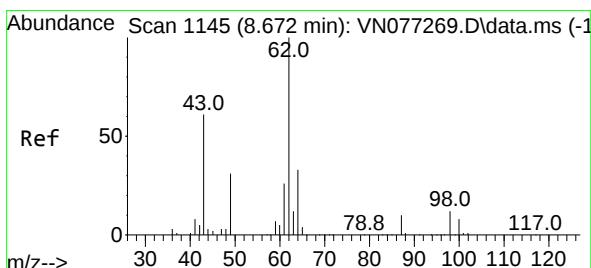
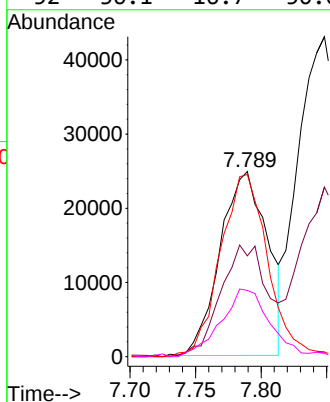
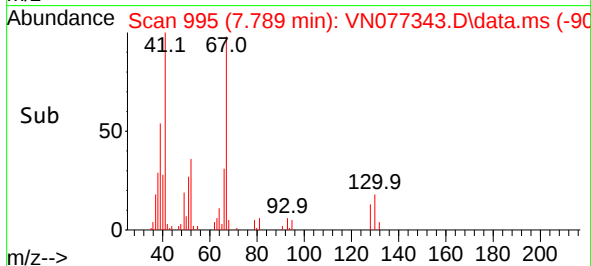
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



Tgt Ion:	41	Resp:	62300
Ion Ratio	100	Lower	Upper
39	54.3	27.1	81.2
67	97.2	46.8	140.4
52	36.1	16.7	50.0

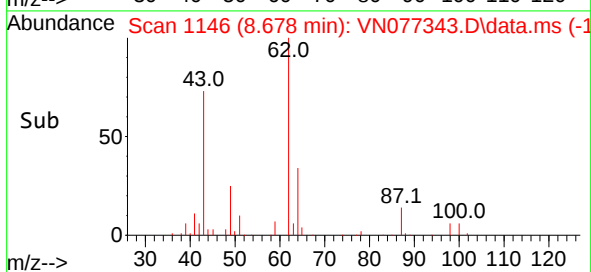
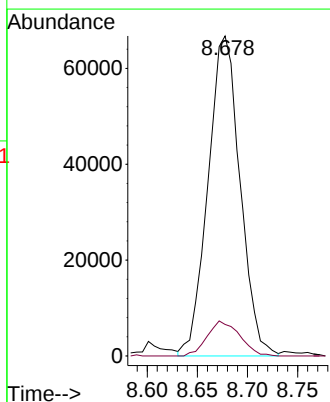
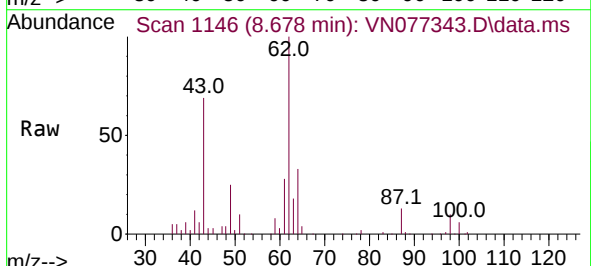
Manual Integrations
APPROVED

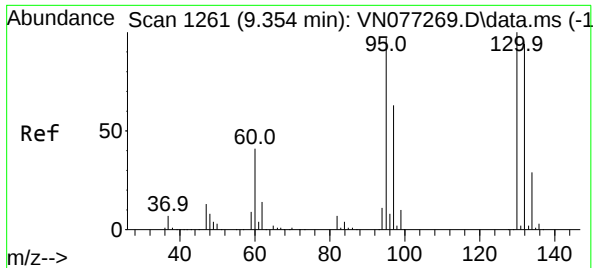
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#36
1,2-Dichloroethane
Concen: 20.207 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

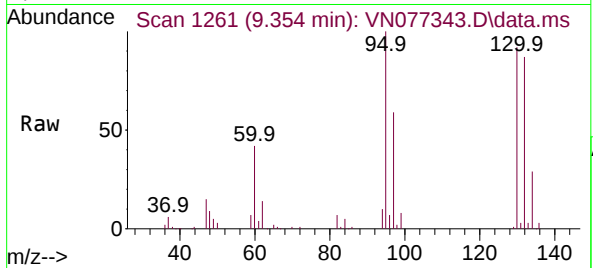
Tgt Ion:	62	Resp:	148712
Ion Ratio	100	Lower	Upper
98	11.1	8.3	12.5





#37
Trichloroethene
Concen: 18.354 ug/l
RT: 9.354 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

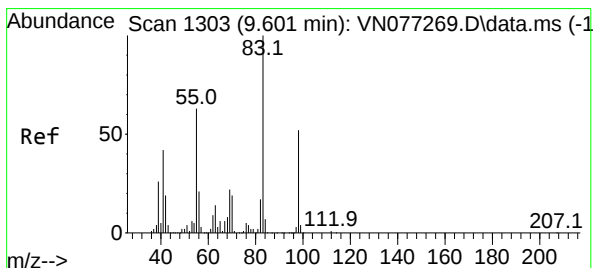
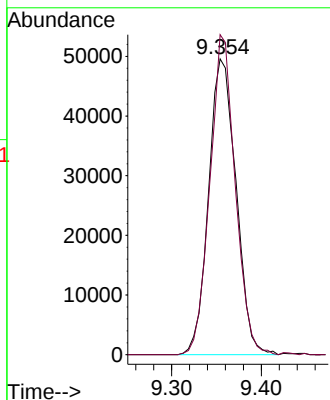
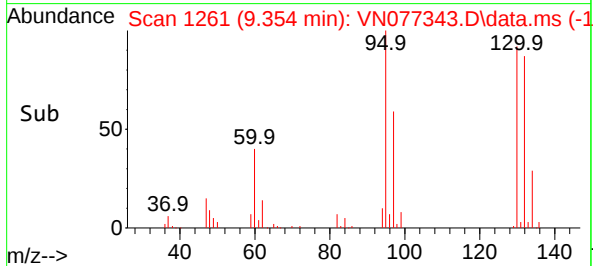
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



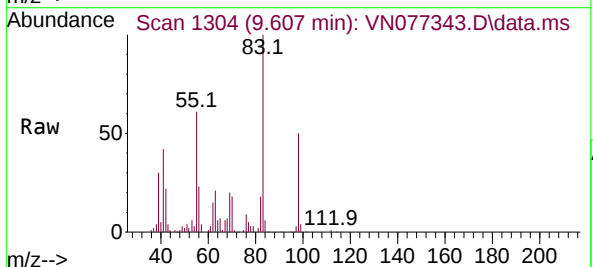
Tgt Ion:130 Resp: 105384
Ion Ratio Lower Upper
130 100
95 108.1 77.5 116.3

Manual Integrations
APPROVED

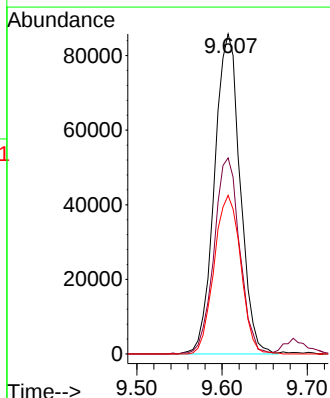
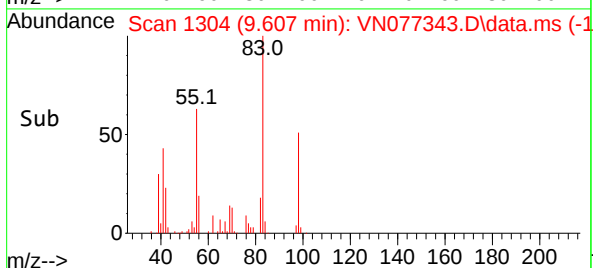
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

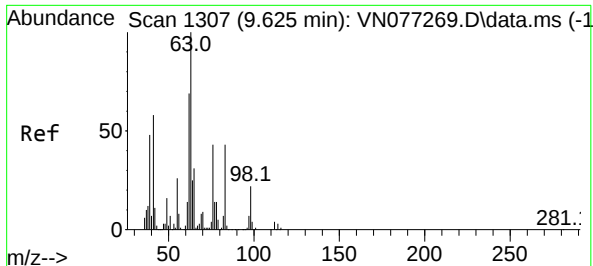


#38
Methylcyclohexane
Concen: 17.406 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37



Tgt Ion: 83 Resp: 179101
Ion Ratio Lower Upper
83 100
55 61.3 32.0 96.2
98 51.4 25.3 75.9





#39

1,2-Dichloropropane

Concen: 18.306 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077343.D

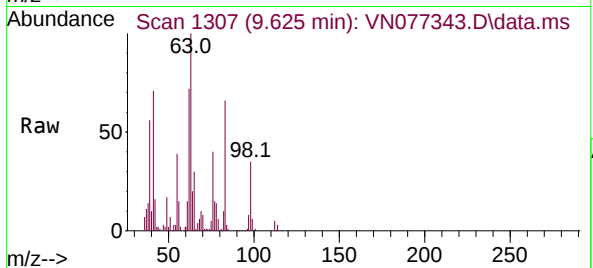
Acq: 14 Apr 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01



Tgt Ion: 63 Resp: 106672

Ion Ratio Lower Upper

63 100

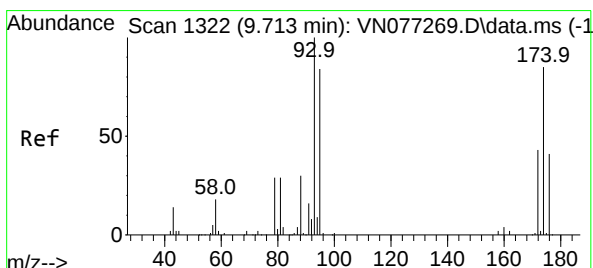
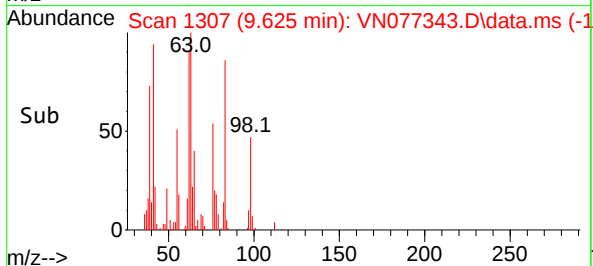
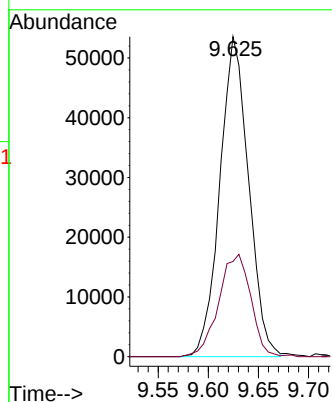
65 29.8 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#40

Dibromomethane

Concen: 19.928 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077343.D

Acq: 14 Apr 2023 10:37

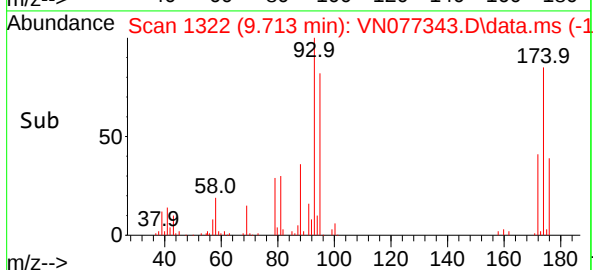
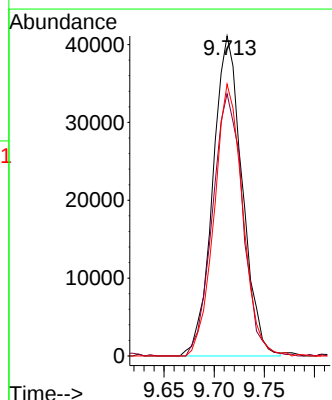
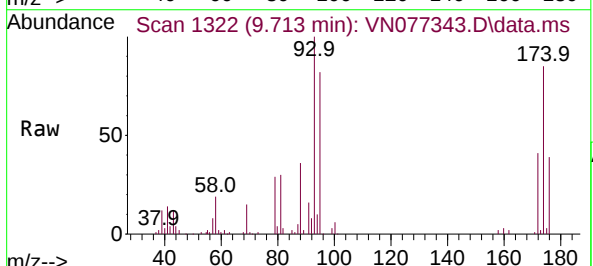
Tgt Ion: 93 Resp: 83669

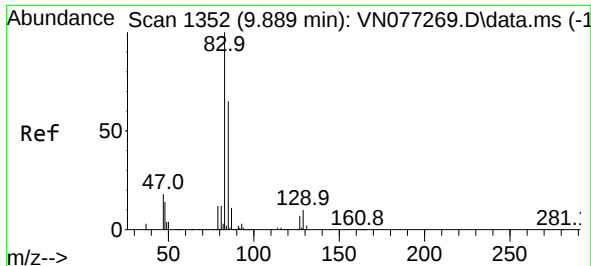
Ion Ratio Lower Upper

93 100

95 84.5 0.0 166.4

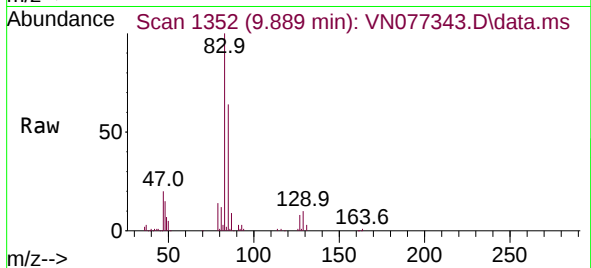
174 82.5 0.0 164.8





#41
Bromodichloromethane
Concen: 19.317 ug/l
RT: 9.889 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

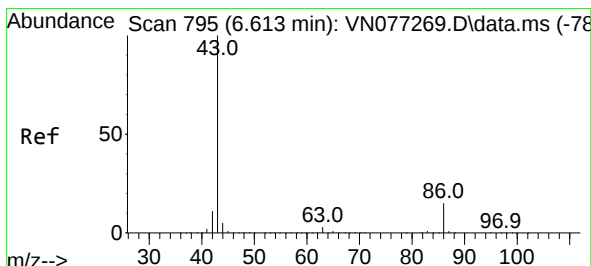
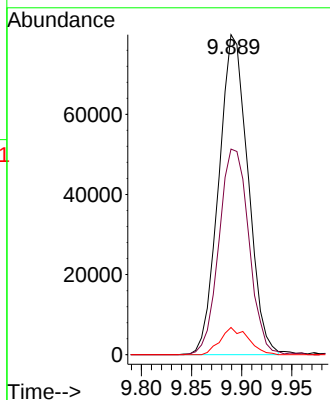
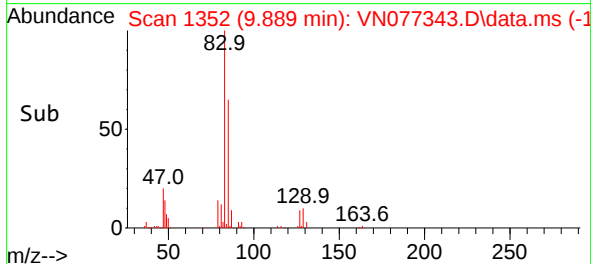
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



Tgt Ion: 83 Resp: 161728
Ion Ratio Lower Upper
83 100
85 64.3 52.3 78.5
127 8.5 5.9 8.9

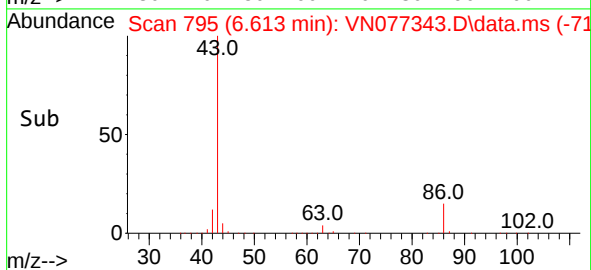
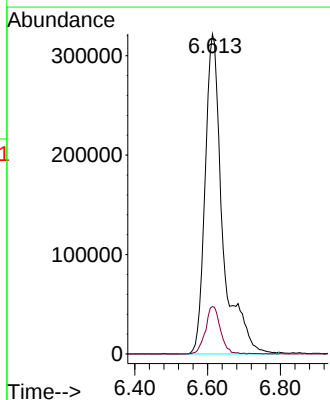
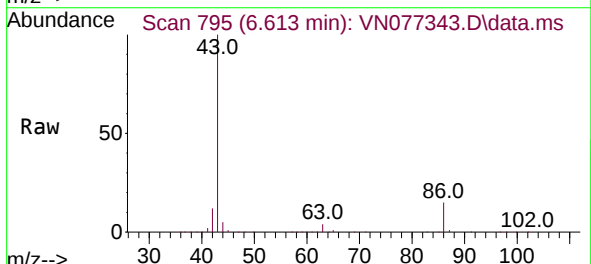
Manual Integrations
APPROVED

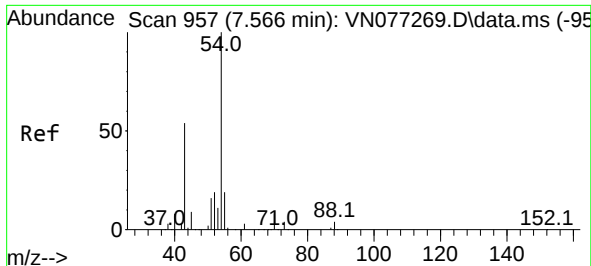
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#42
Vinyl Acetate
Concen: 103.575 ug/l m
RT: 6.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

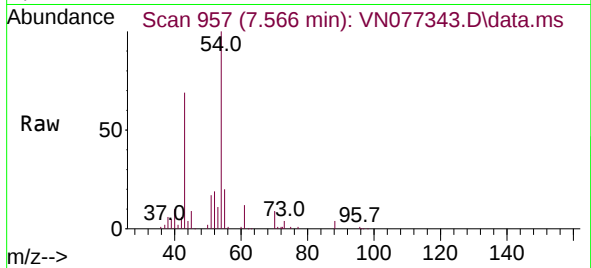
Tgt Ion: 43 Resp: 1075441
Ion Ratio Lower Upper
43 100
86 12.6 0.0 0.0#





#43
Ethyl Acetate
Concen: 18.636 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

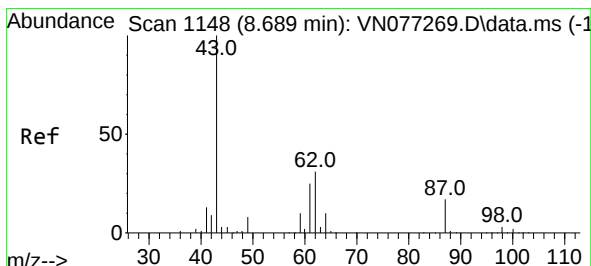
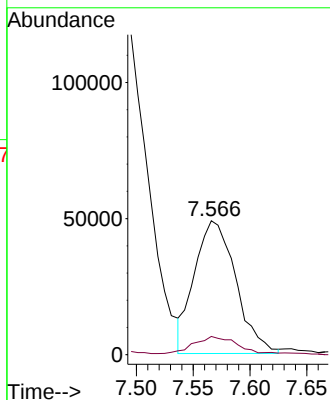
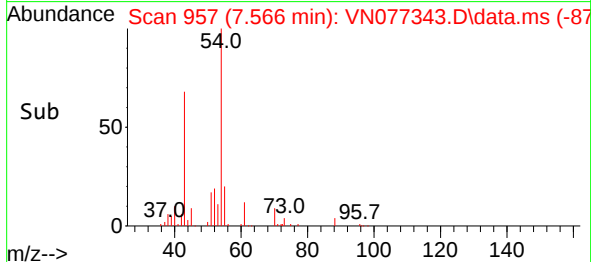
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



Tgt Ion: 43 Resp: 12369
Ion Ratio Lower Upper
43 100
45 12.7 12.3 18.5

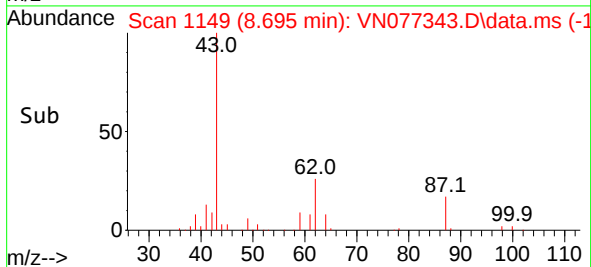
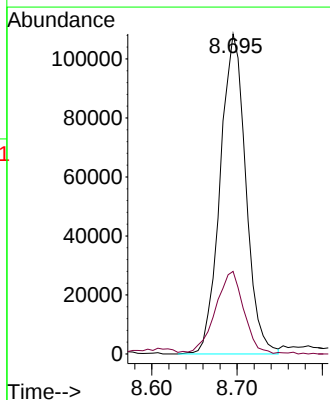
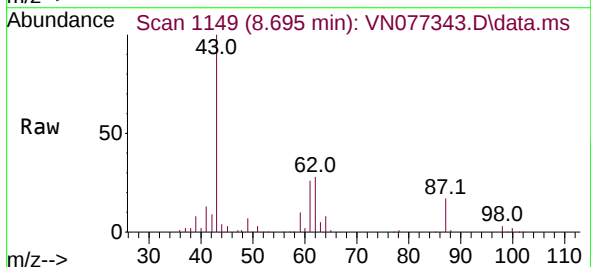
Manual Integrations
APPROVED

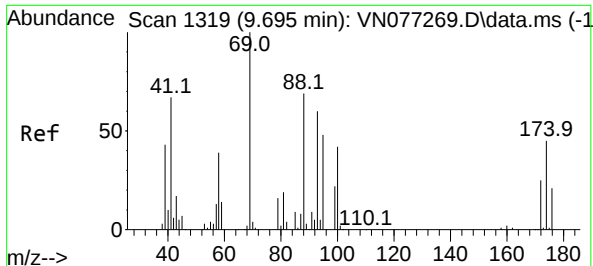
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#44
Isopropyl Acetate
Concen: 19.054 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.006 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

Tgt Ion: 43 Resp: 226446
Ion Ratio Lower Upper
43 100
61 28.7 0.0 0.0#





#45

1,4-Dioxane

Concen: 400.373 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN077343.D

Acq: 14 Apr 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

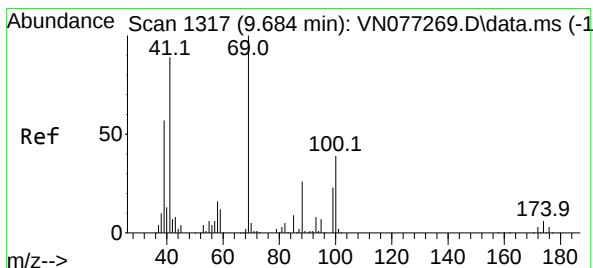
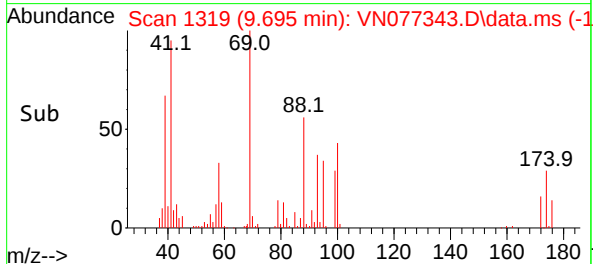
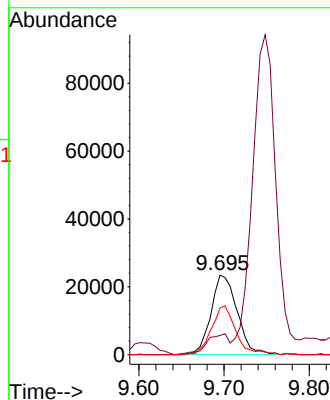
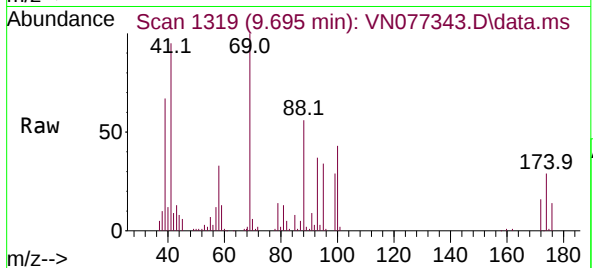
Tgt Ion: 88 Resp: 5018
 Ion Ratio Lower Upper
 88 100
 43 22.4 17.4 26.0
 58 57.0 48.2 72.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#46

Methyl methacrylate

Concen: 19.075 ug/l

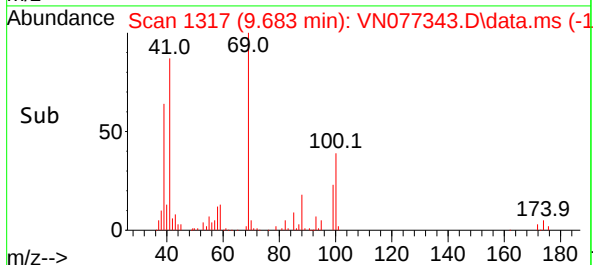
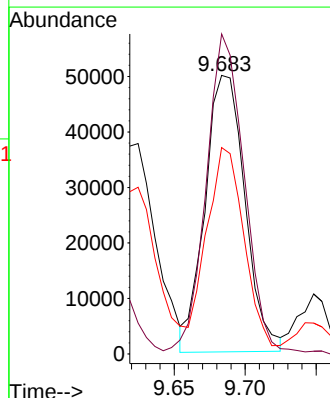
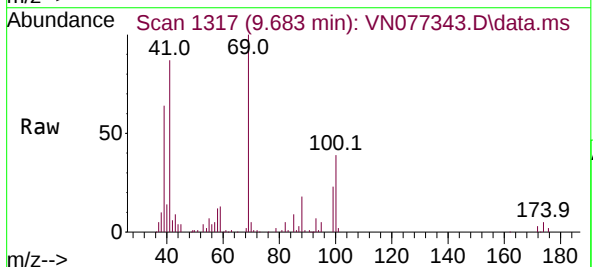
RT: 9.683 min Scan# 1317

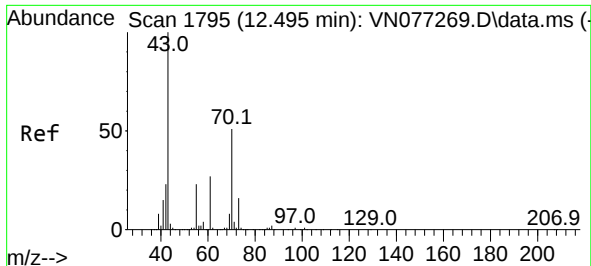
Delta R.T. -0.001 min

Lab File: VN077343.D

Acq: 14 Apr 2023 10:37

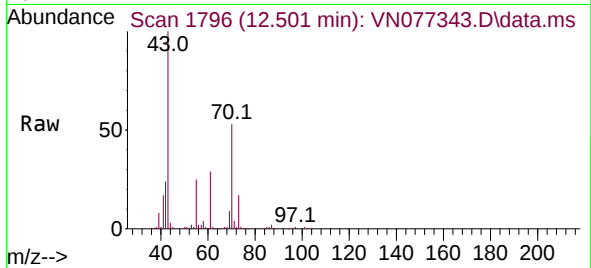
Tgt Ion: 41 Resp: 97602
 Ion Ratio Lower Upper
 41 100
 69 120.0 54.5 163.5
 39 75.5 33.4 100.2





#47
n-amy1 Acetate
Concen: 18.148 ug/l
RT: 12.501 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

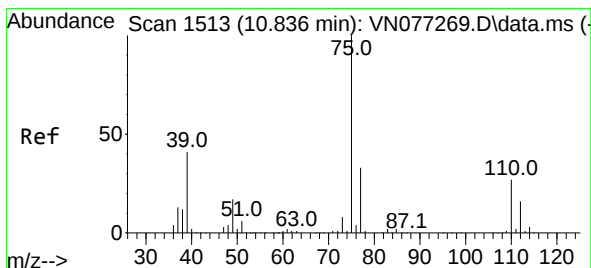
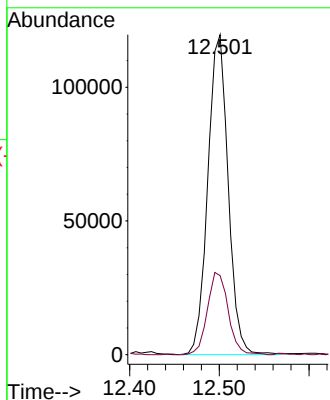
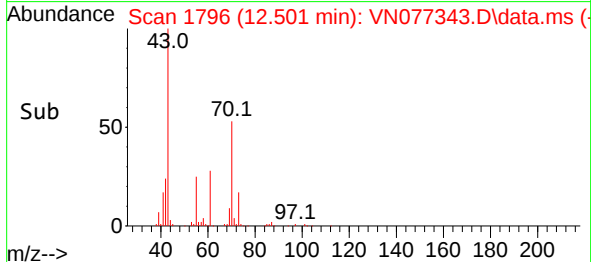
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



Tgt Ion: 43 Resp: 188475
Ion Ratio Lower Upper
43 100
55 26.2 19.4 29.0

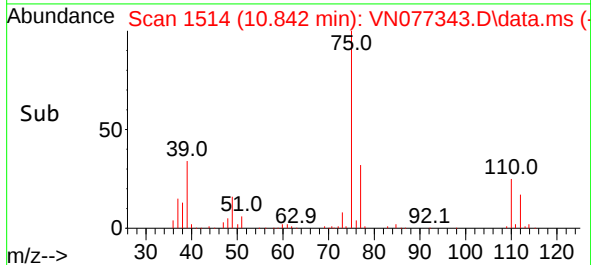
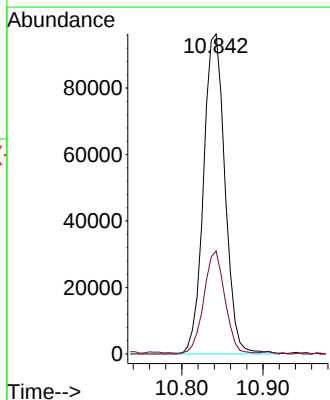
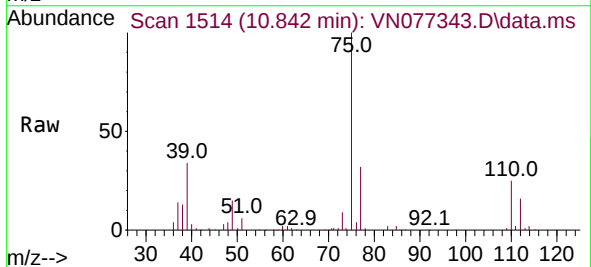
Manual Integrations
APPROVED

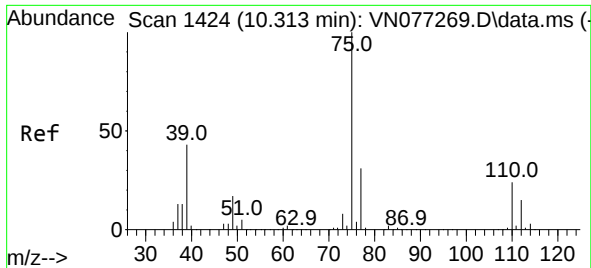
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#48
t-1,3-Dichloropropene
Concen: 18.869 ug/l
RT: 10.842 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

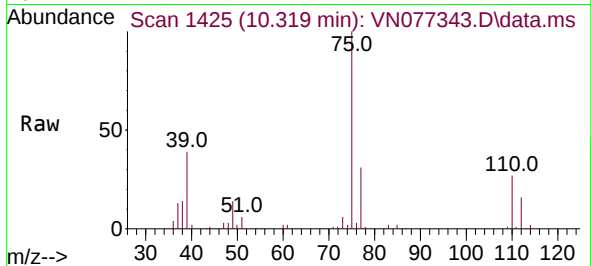
Tgt Ion: 75 Resp: 176794
Ion Ratio Lower Upper
75 100
77 31.9 26.5 39.7





#49
 cis-1,3-Dichloropropene
 Concen: 18.510 ug/l
 RT: 10.319 min Scan# 1424
 Delta R.T. 0.006 min
 Lab File: VN077343.D
 Acq: 14 Apr 2023 10:37

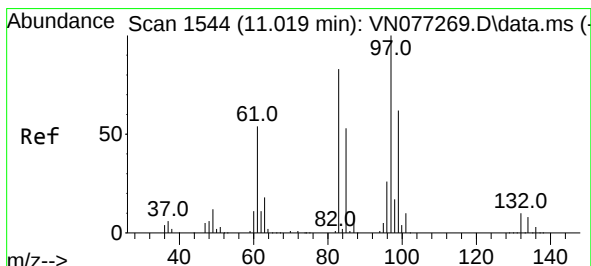
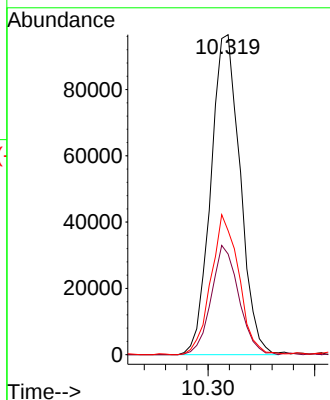
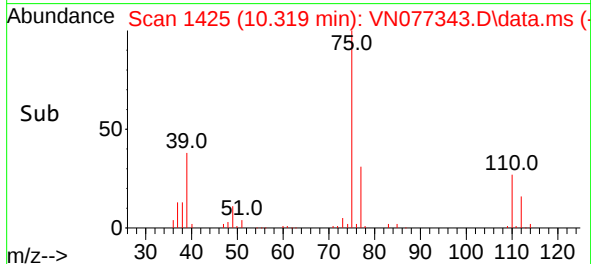
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBSD01



Tgt Ion: 75 Resp: 18450
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.0 37.6
 39 38.4 34.4 51.6

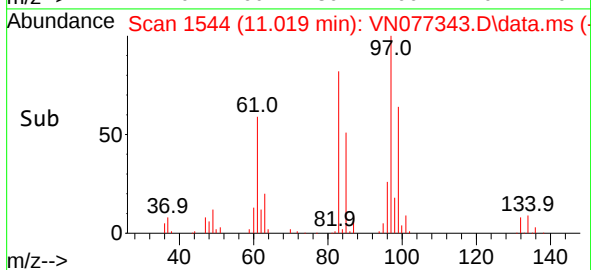
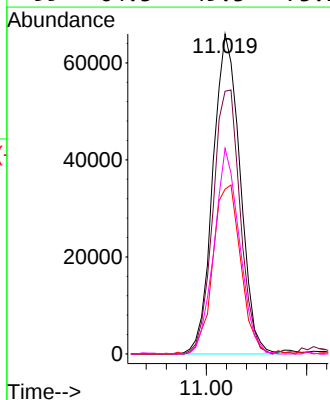
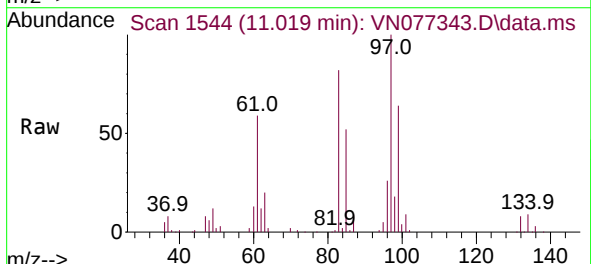
Manual Integrations
 APPROVED

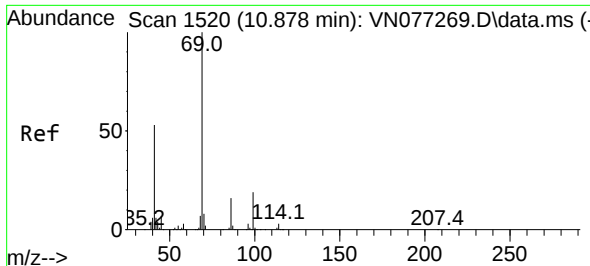
Reviewed By :John Carlone 04/17/2023
 Supervised By :Mahesh Dadoda 04/17/2023



#50
 1,1,2-Trichloroethane
 Concen: 20.329 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN077343.D
 Acq: 14 Apr 2023 10:37

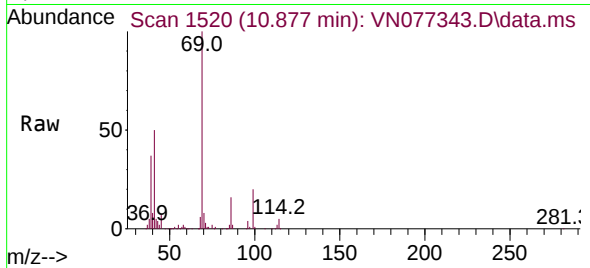
Tgt Ion: 97 Resp: 123979
 Ion Ratio Lower Upper
 97 100
 83 82.1 66.7 100.1
 85 51.0 42.4 63.6
 99 64.3 49.3 73.9





#51
Ethyl methacrylate
Concen: 19.804 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

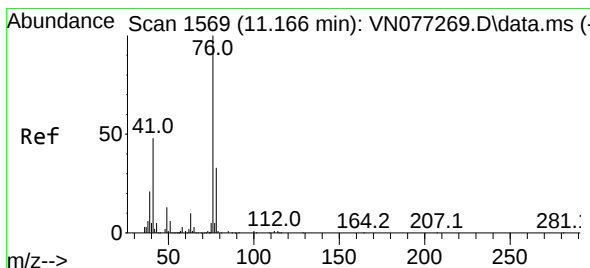
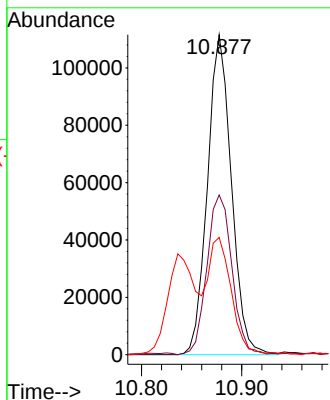
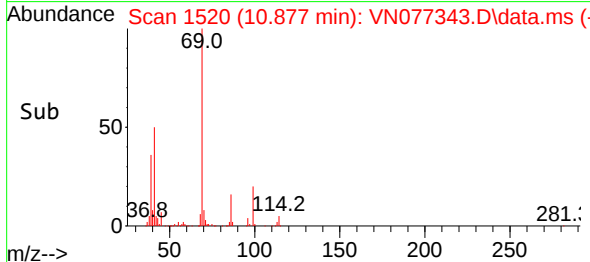
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



Tgt Ion: 69 Resp: 185472
Ion Ratio Lower Upper
69 100
41 49.9 26.7 80.0
39 36.2 17.0 50.9

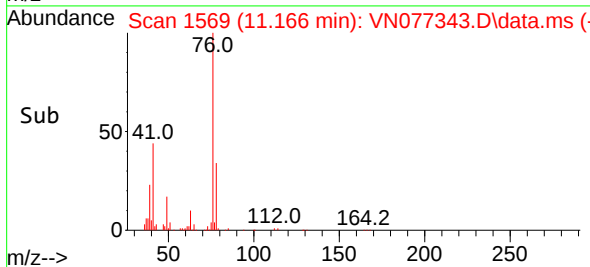
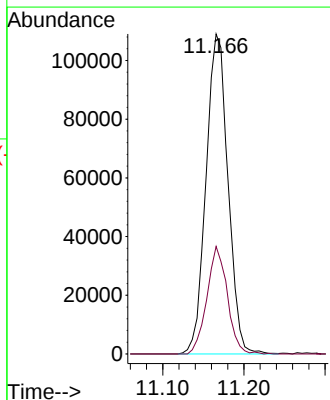
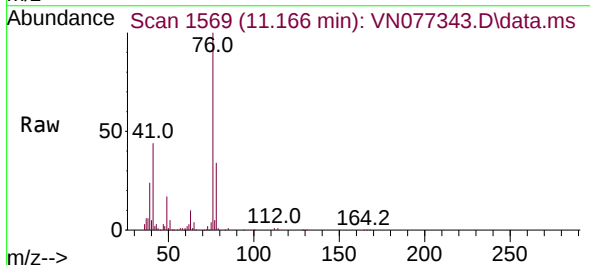
Manual Integrations
APPROVED

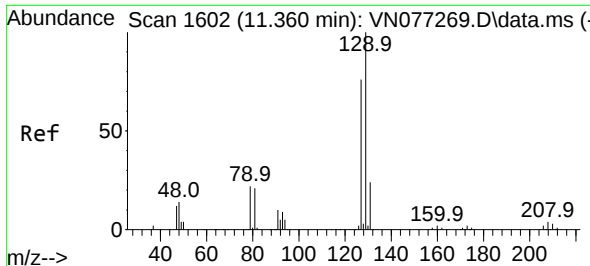
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#52
1,3-Dichloropropane
Concen: 20.109 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

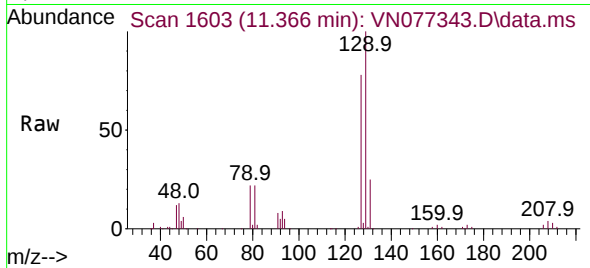
Tgt Ion: 76 Resp: 204684
Ion Ratio Lower Upper
76 100
78 31.0 0.0 65.0





#53
Dibromochloromethane
Concen: 19.889 ug/l
RT: 11.366 min Scan# 1602
Delta R.T. 0.006 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

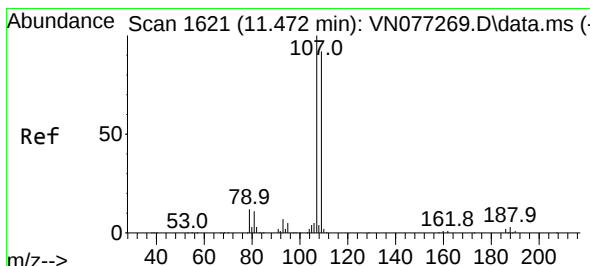
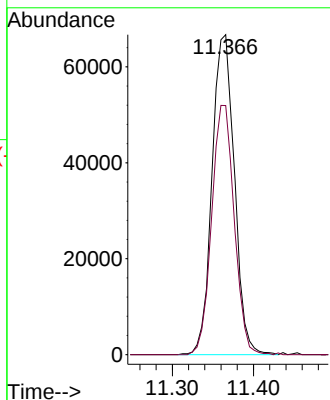
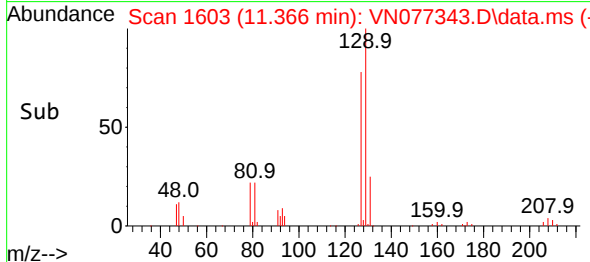
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



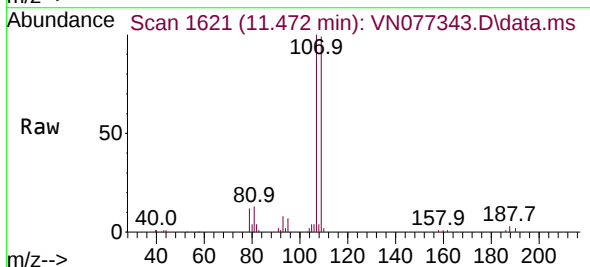
Tgt Ion:129 Resp: 12784
Ion Ratio Lower Upper
129 100
127 78.4 38.6 115.8

Manual Integrations
APPROVED

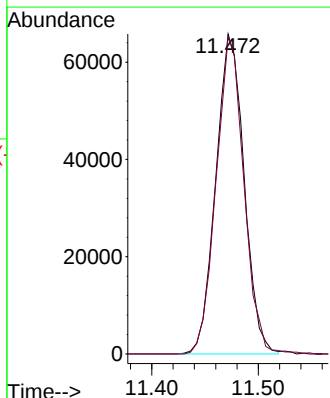
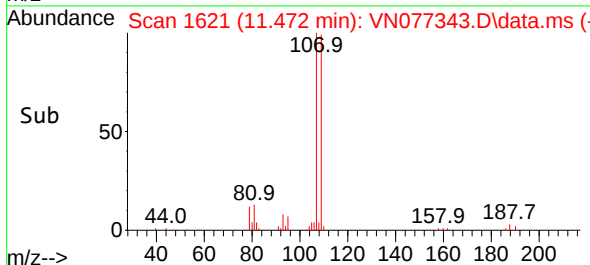
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

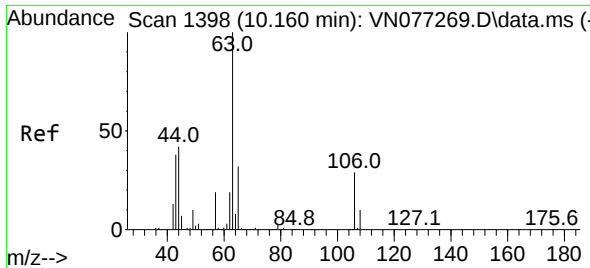


#54
1,2-Dibromoethane
Concen: 19.789 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37



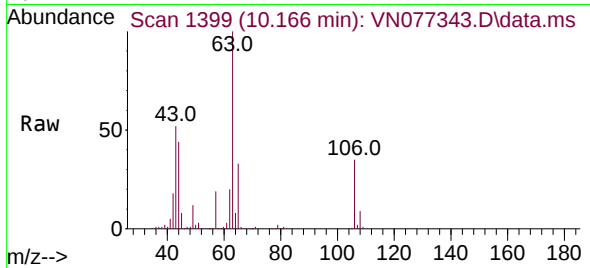
Tgt Ion:107 Resp: 121154
Ion Ratio Lower Upper
107 100
109 96.5 74.1 111.1





#55
2-Chloroethyl vinyl ether
Concen: 105.631 ug/l
RT: 10.166 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

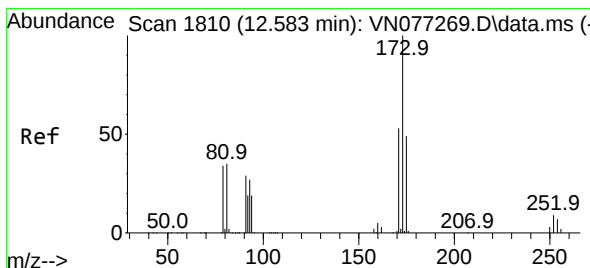
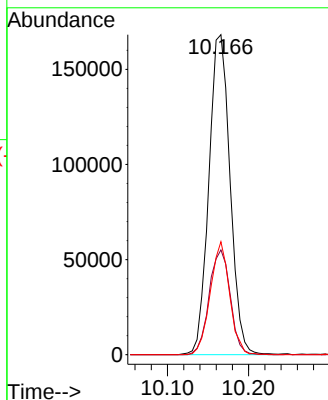
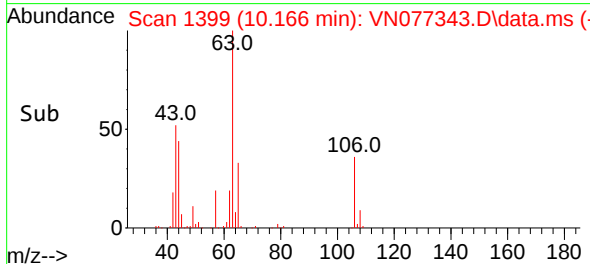
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



Tgt Ion: 63 Resp: 305438
Ion Ratio Lower Upper
63 100
65 32.5 25.7 38.5
106 32.2 24.0 36.0

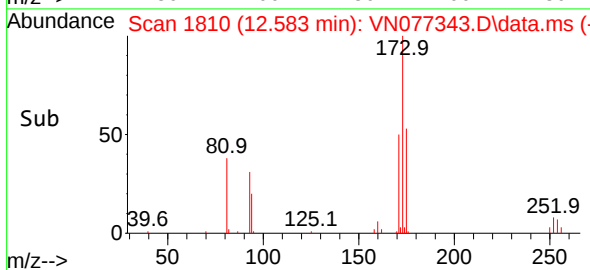
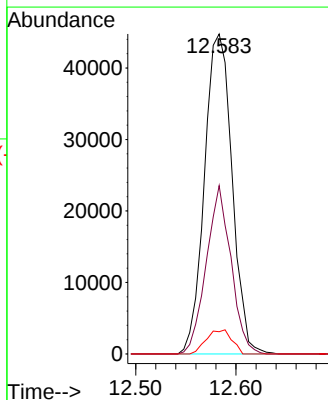
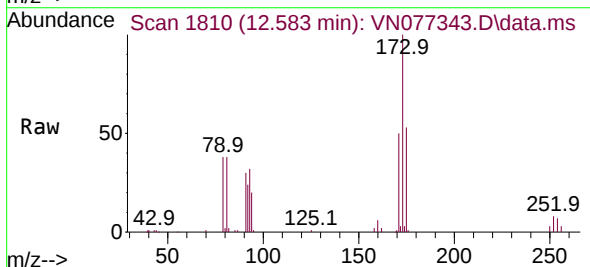
Manual Integrations
APPROVED

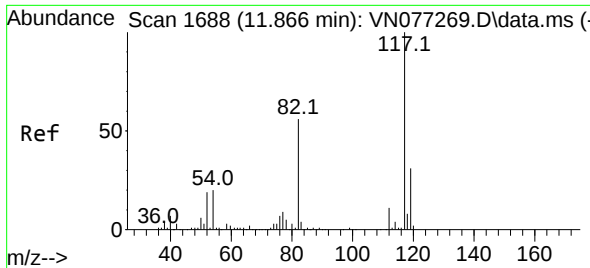
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#56
Bromoform
Concen: 19.858 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

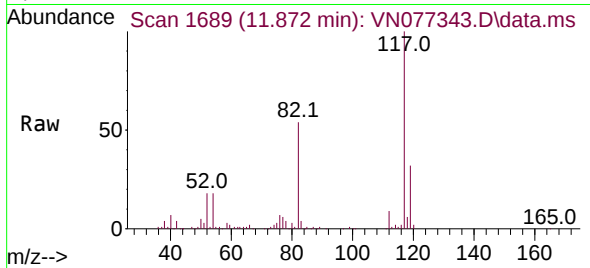
Tgt Ion:173 Resp: 85742
Ion Ratio Lower Upper
173 100
175 47.0 38.2 57.2
254 6.9 6.0 9.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.872 min Scan# 11872
Delta R.T. 0.006 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

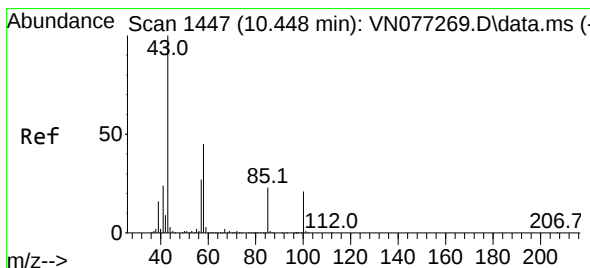
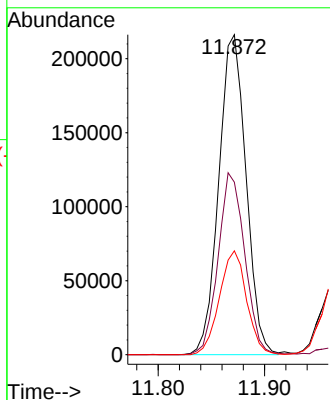
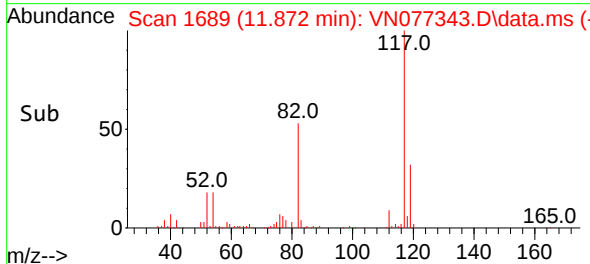
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



Tgt Ion:117 Resp: 38444
Ion Ratio Lower Upper
117 100
82 55.6 43.8 65.8
119 32.4 25.4 38.0

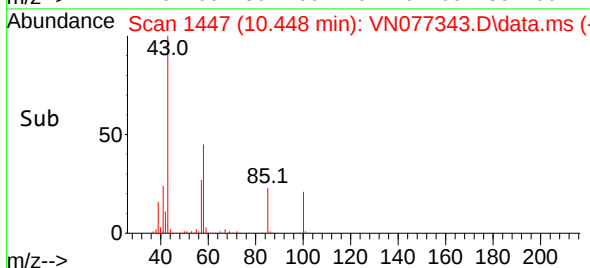
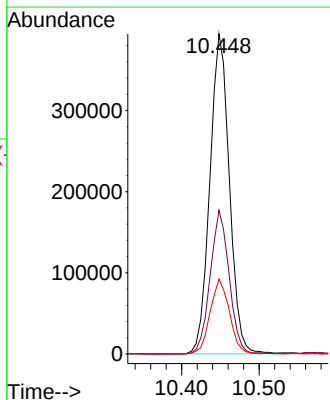
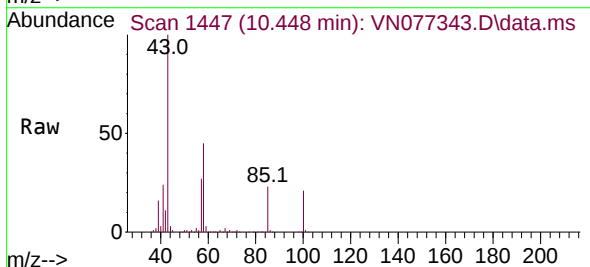
Manual Integrations
APPROVED

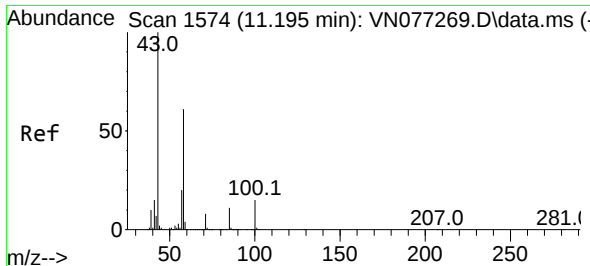
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#58
4-Methyl-2-Pentanone
Concen: 95.776 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

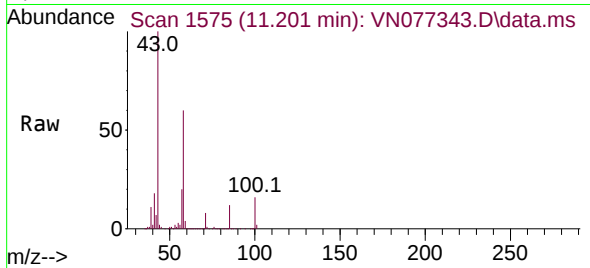
Tgt Ion: 43 Resp: 689405
Ion Ratio Lower Upper
43 100
58 43.6 34.7 52.1
85 23.1 17.8 26.8





#59
2-Hexanone
Concen: 91.093 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

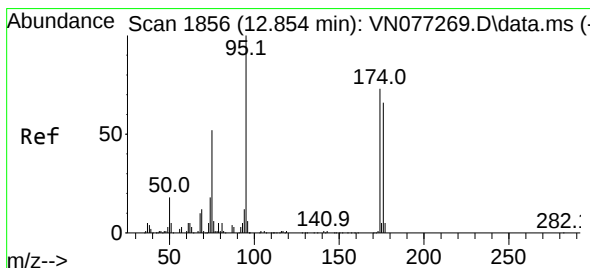
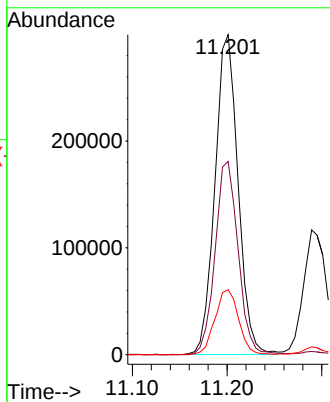
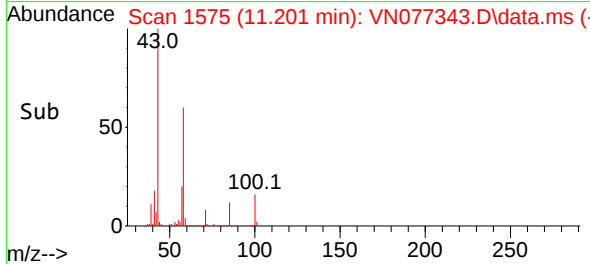
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



Tgt Ion: 43 Resp: 506830
Ion Ratio Lower Upper
43 100
58 60.3 48.6 73.0
57 20.9 16.7 25.1

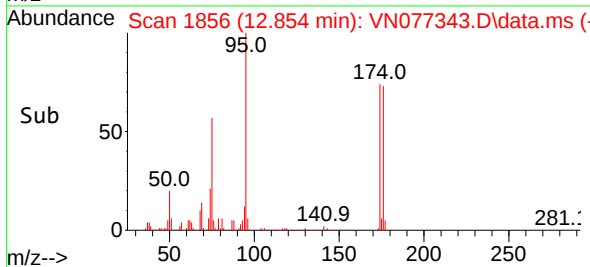
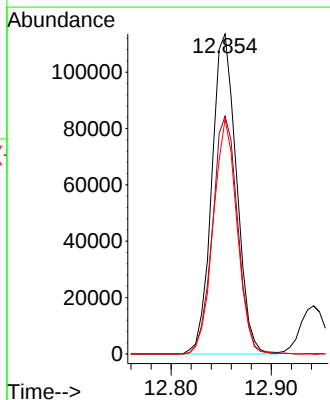
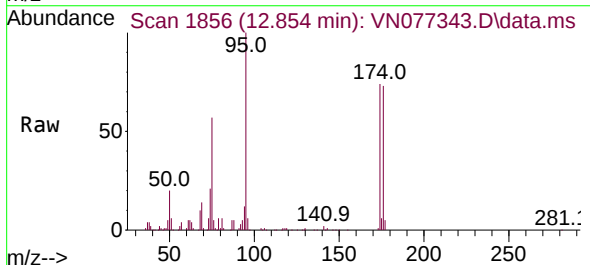
Manual Integrations
APPROVED

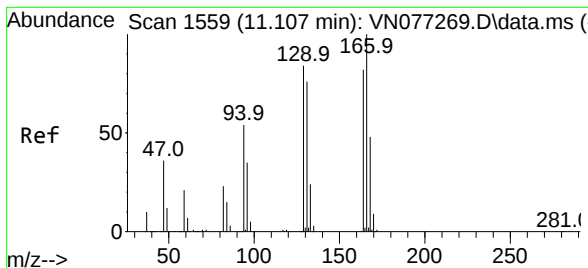
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#60
4-Bromofluorobenzene
Concen: 29.204 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

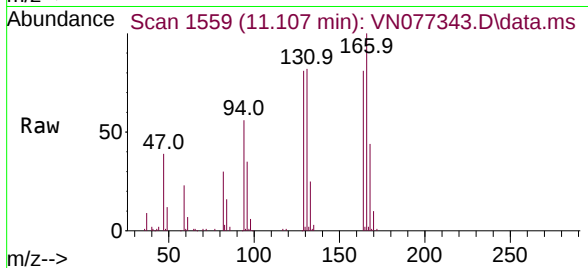
Tgt Ion: 95 Resp: 194136
Ion Ratio Lower Upper
95 100
174 75.1 57.8 86.8
176 70.9 54.6 81.8





#61
Tetrachloroethene
Concen: 18.471 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

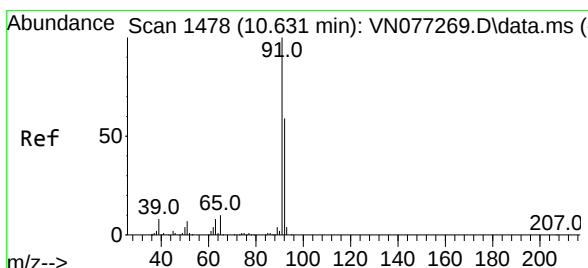
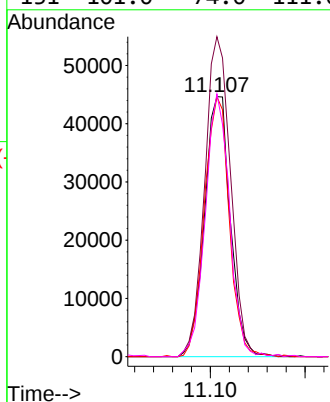
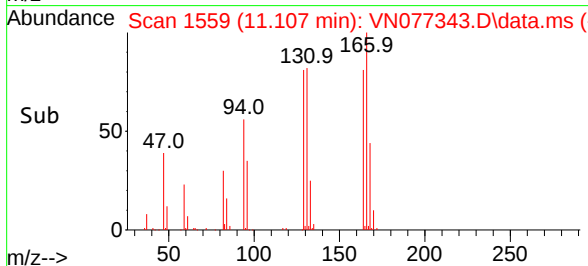
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



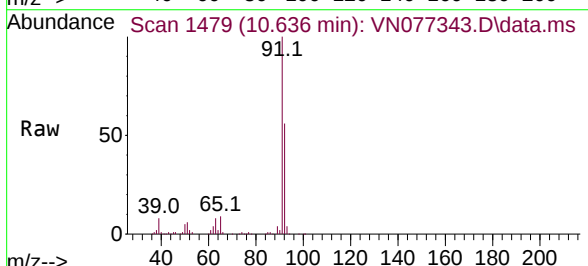
Tgt Ion:164 Resp: 84459
Ion Ratio Lower Upper
164 100
166 123.1 97.9 146.9
129 100.0 82.5 123.7
131 101.0 74.0 111.0

Manual Integrations
APPROVED

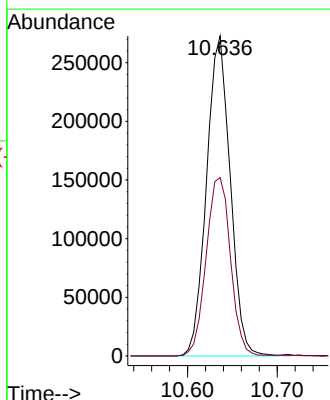
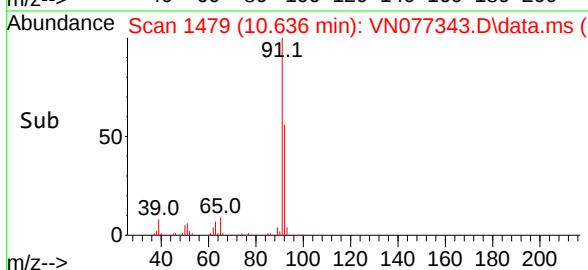
Reviewed By :John Carbone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

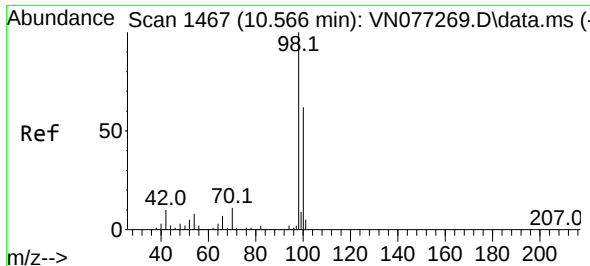


#62
Toluene
Concen: 18.669 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.005 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37



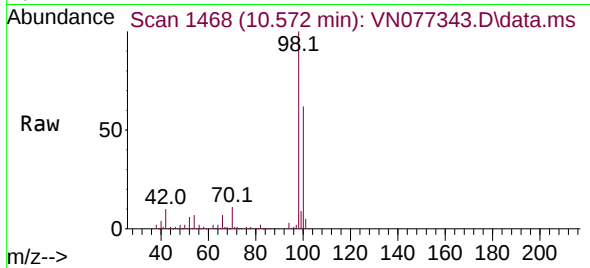
Tgt Ion: 91 Resp: 500755
Ion Ratio Lower Upper
91 100
92 57.4 46.6 70.0





#63
Toluene-d8
Concen: 29.182 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

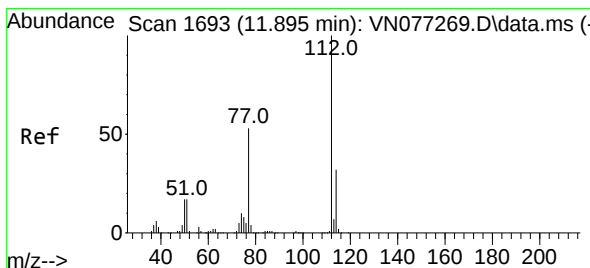
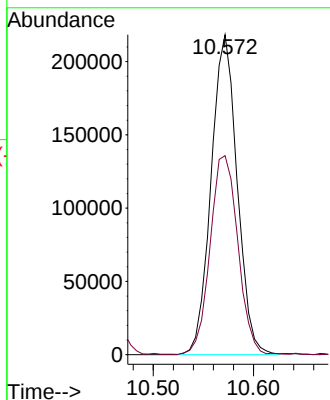
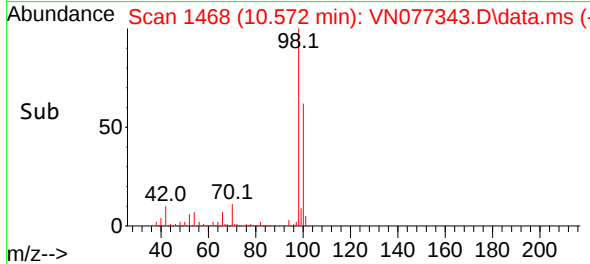
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



Tgt Ion: 98 Resp: 394394
Ion Ratio Lower Upper
98 100
100 66.2 51.4 77.2

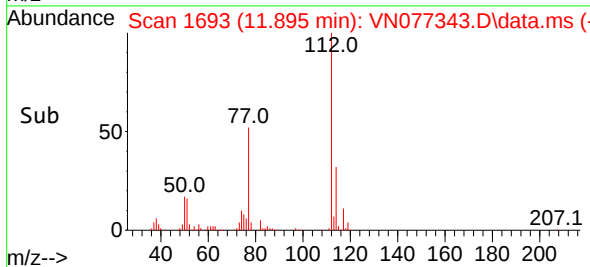
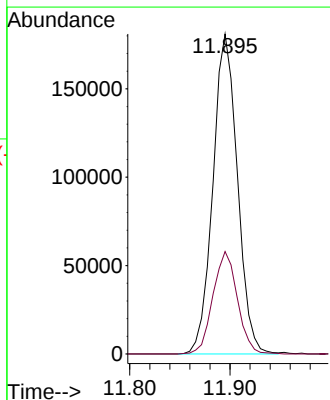
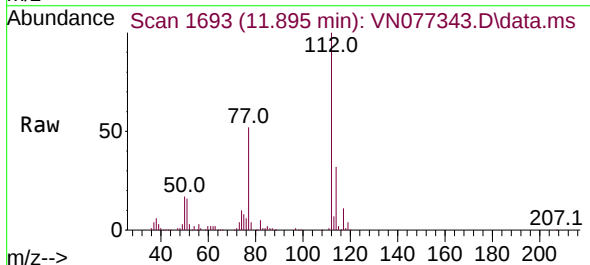
Manual Integrations
APPROVED

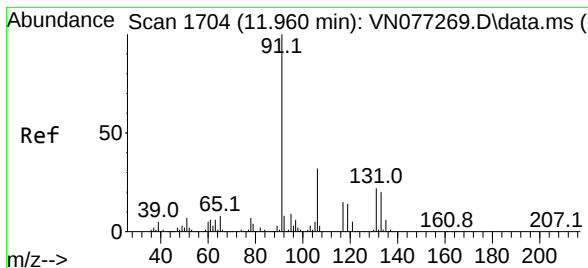
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#64
Chlorobenzene
Concen: 18.836 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

Tgt Ion:112 Resp: 306956
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4





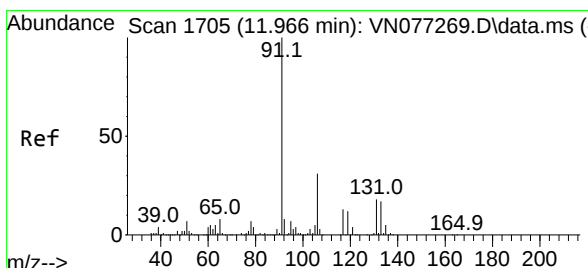
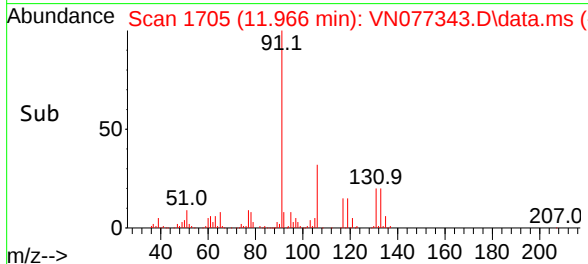
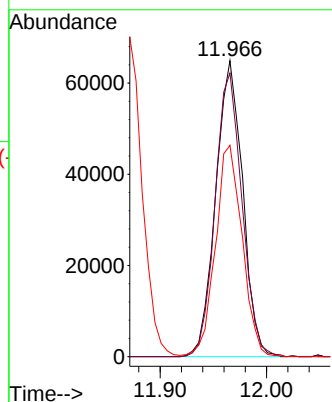
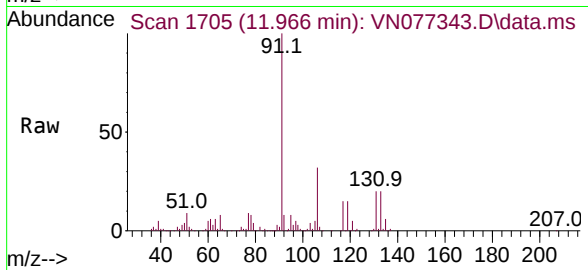
#65
1,1,1,2-Tetrachloroethane
Concen: 18.985 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

Tgt Ion:131 Resp: 113769
Ion Ratio Lower Upper
131 100
133 95.7 0.0 184.4
119 71.2 0.0 134.8

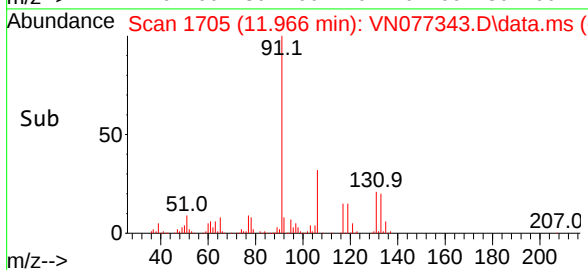
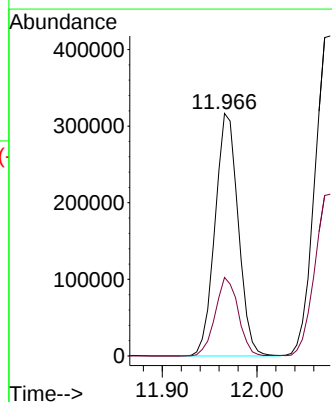
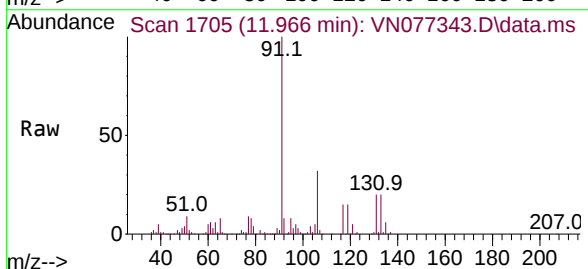
Manual Integrations
APPROVED

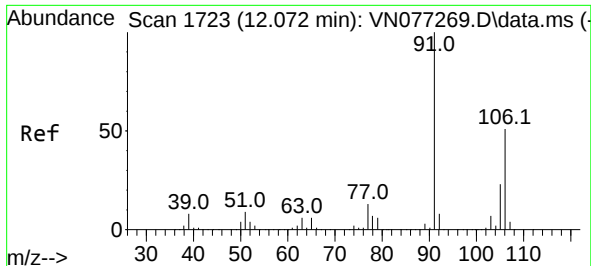
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#66
Ethyl Benzene
Concen: 18.159 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

Tgt Ion: 91 Resp: 539622
Ion Ratio Lower Upper
91 100
106 32.4 25.0 37.6





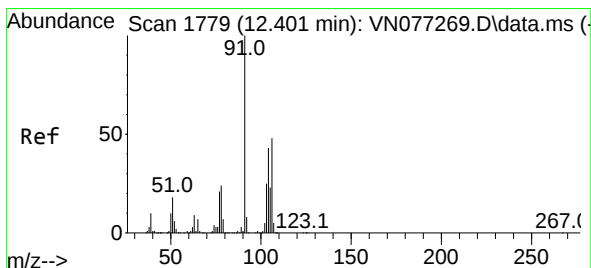
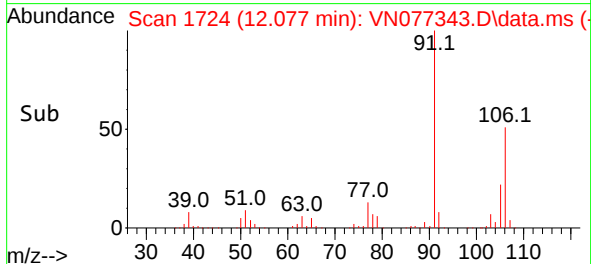
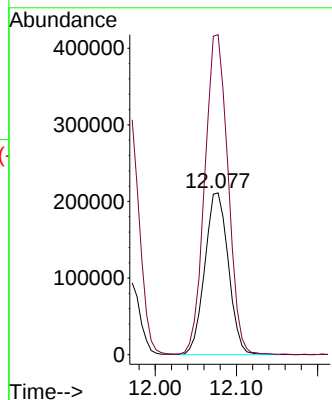
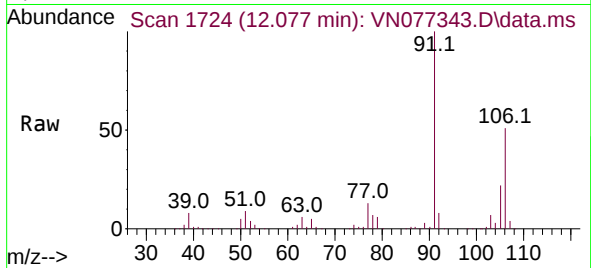
#67
m/p-Xylenes
Concen: 36.563 ug/l
RT: 12.077 min Scan# 1723
Delta R.T. 0.005 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

Tgt Ion:106 Resp: 425884
Ion Ratio Lower Upper
106 100
91 195.3 158.0 237.0

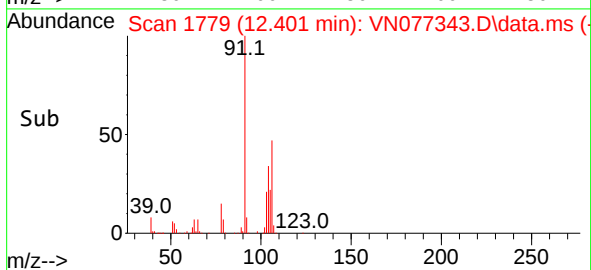
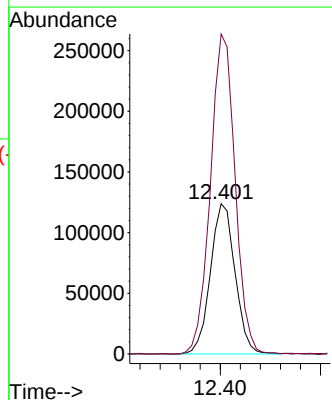
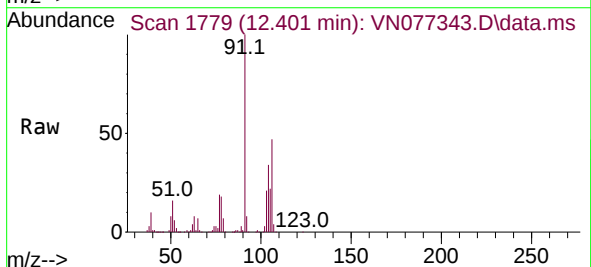
Manual Integrations
APPROVED

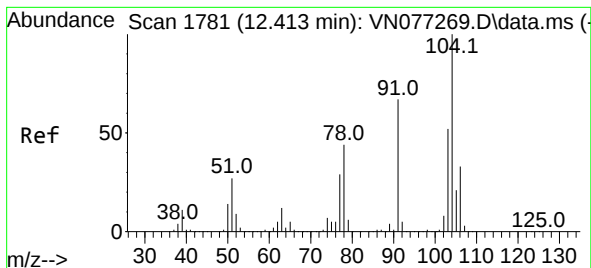
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#68
o-Xylene
Concen: 18.127 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

Tgt Ion:106 Resp: 211236
Ion Ratio Lower Upper
106 100
91 213.6 103.6 310.8





#69

Styrene

Concen: 18.490 ug/l

RT: 12.419 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VN077343.D

Acq: 14 Apr 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

Tgt Ion:104 Resp: 34520

Ion Ratio Lower Upper

104 100

78 46.8 38.2 57.4

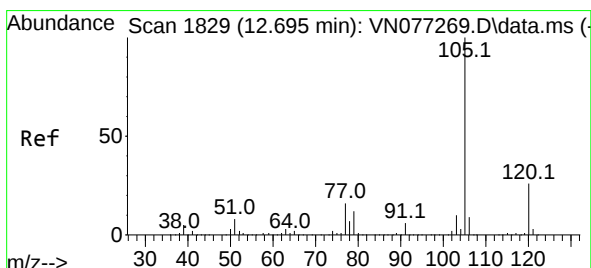
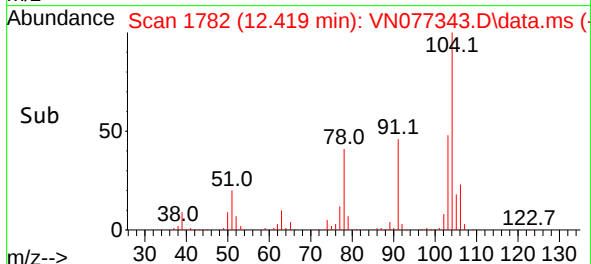
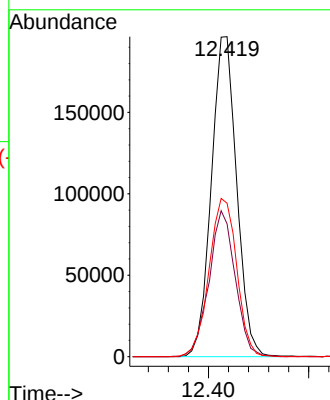
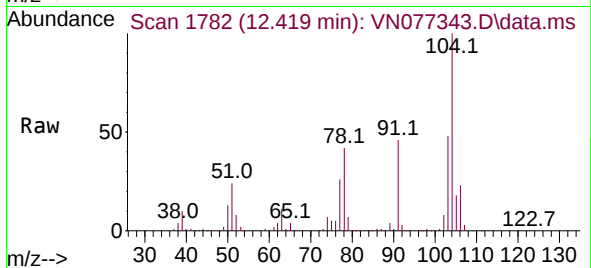
103 53.8 43.6 65.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#70

Isopropylbenzene

Concen: 18.337 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. 0.006 min

Lab File: VN077343.D

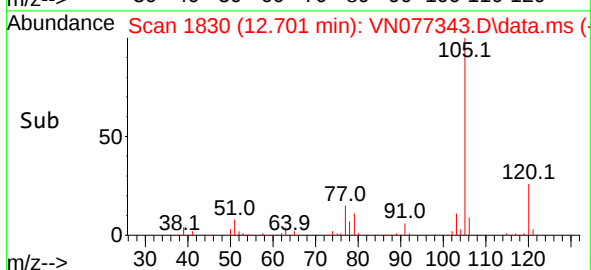
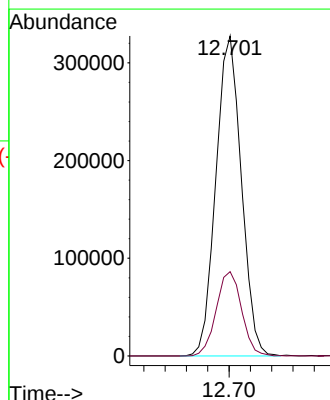
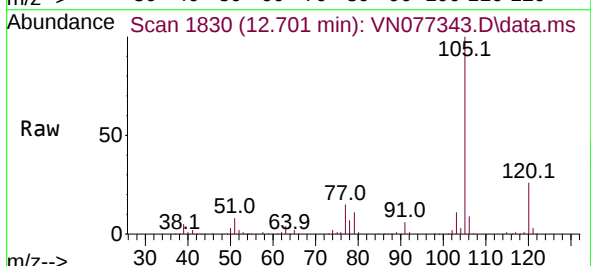
Acq: 14 Apr 2023 10:37

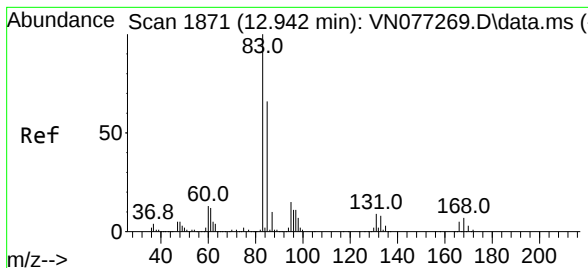
Tgt Ion:105 Resp: 542306

Ion Ratio Lower Upper

105 100

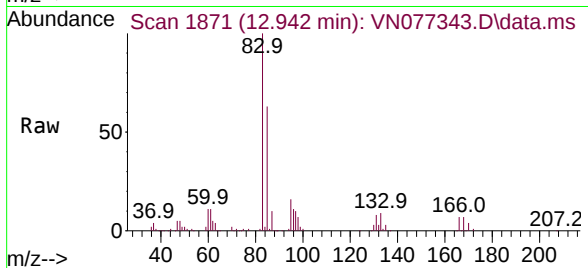
120 26.2 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.327 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

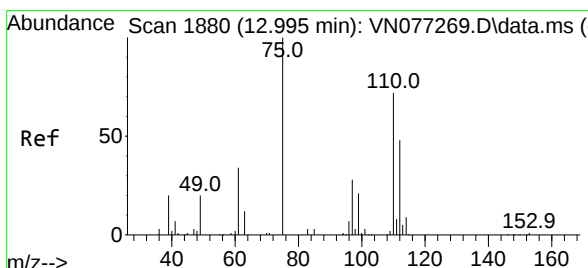
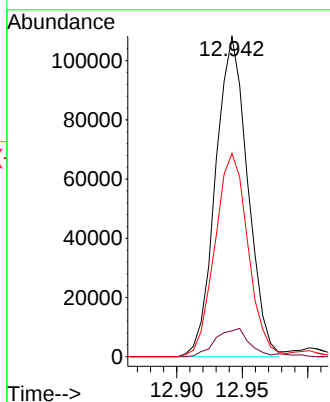
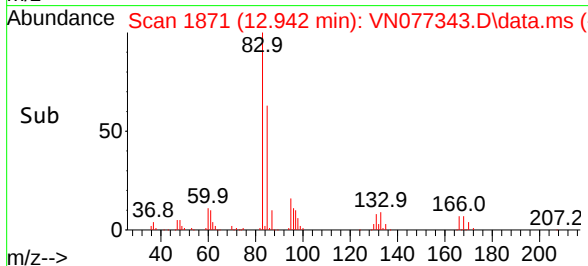
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



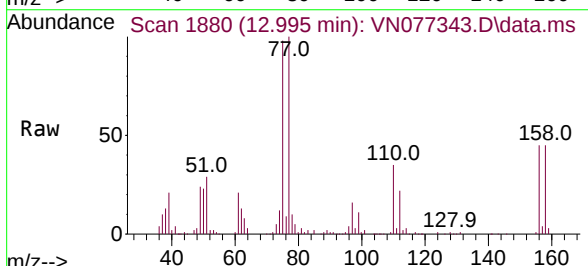
Tgt Ion: 83 Resp: 184092
Ion Ratio Lower Upper
83 100
131 9.1 4.7 14.0
85 65.4 32.3 96.8

Manual Integrations
APPROVED

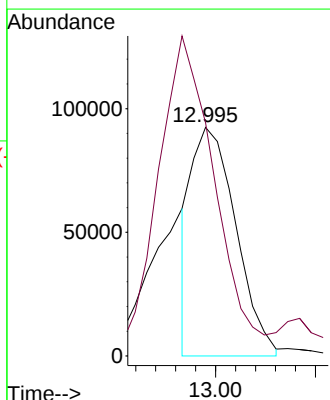
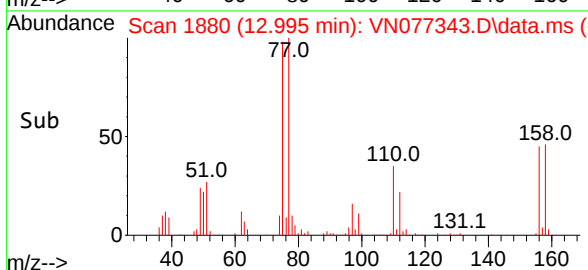
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

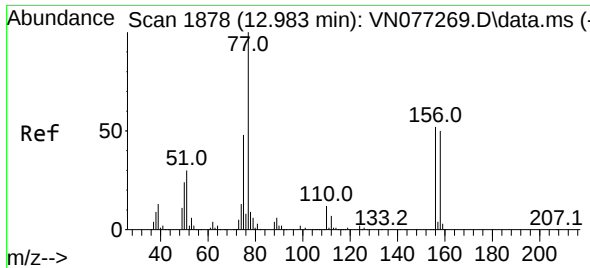


#72
1,2,3-Trichloropropane
Concen: 23.027 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37



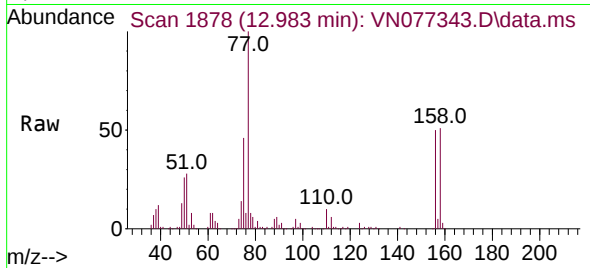
Tgt Ion: 75 Resp: 141758
Ion Ratio Lower Upper
75 100
77 180.0 0.0 434.2





#73
Bromobenzene
Concen: 19.021 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

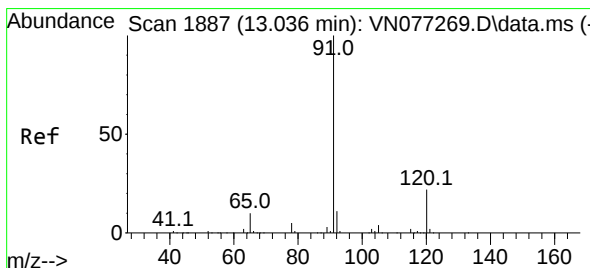
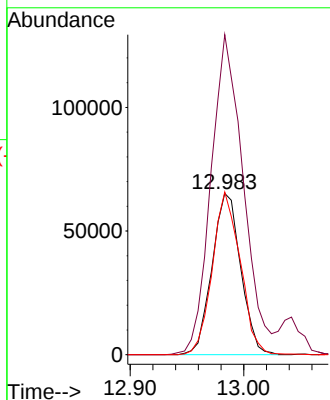
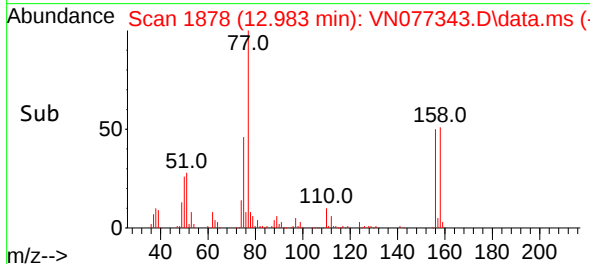
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



Tgt Ion:156 Resp: 114284
Ion Ratio Lower Upper
156 100
77 223.3 0.0 456.6
158 98.2 0.0 195.6

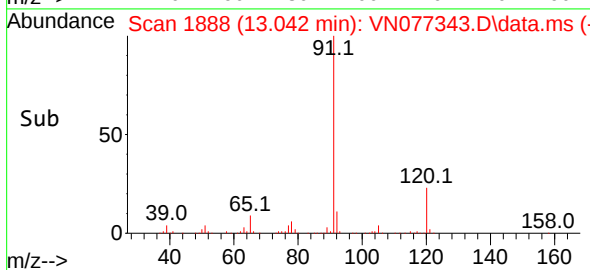
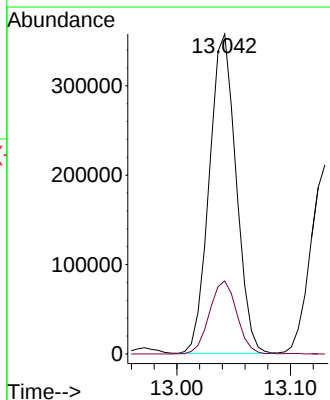
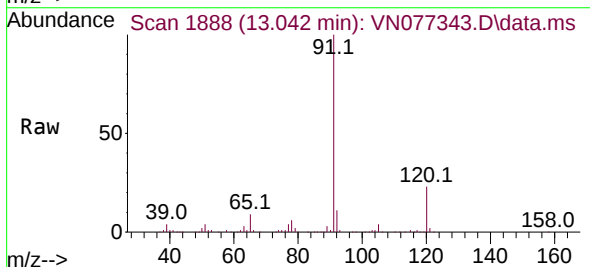
Manual Integrations
APPROVED

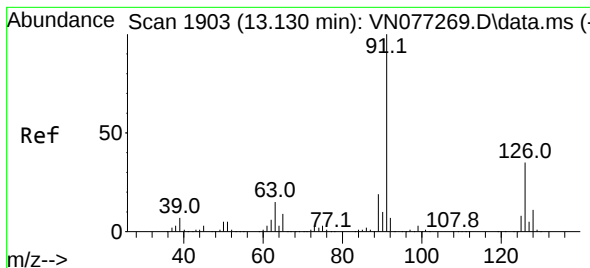
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#74
n-propylbenzene
Concen: 17.909 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

Tgt Ion: 91 Resp: 586004
Ion Ratio Lower Upper
91 100
120 23.2 0.0 45.6





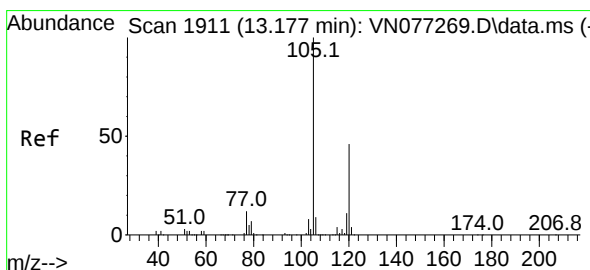
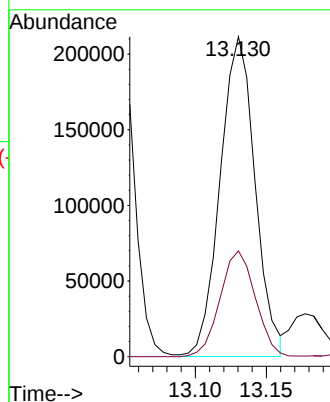
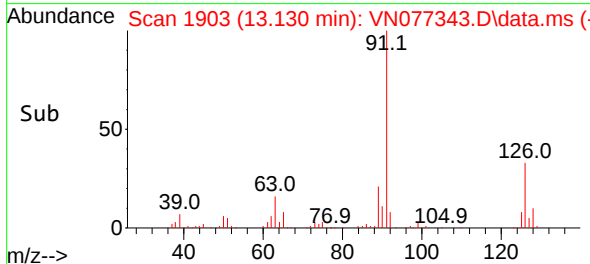
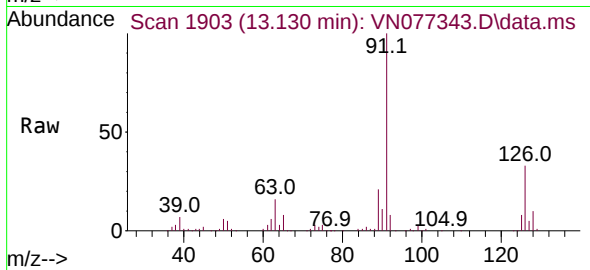
#75
2-Chlorotoluene
Concen: 18.433 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

Tgt Ion: 91 Resp: 361329
Ion Ratio Lower Upper
91 100
126 33.5 0.0 67.0

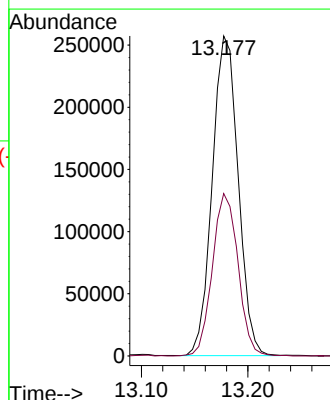
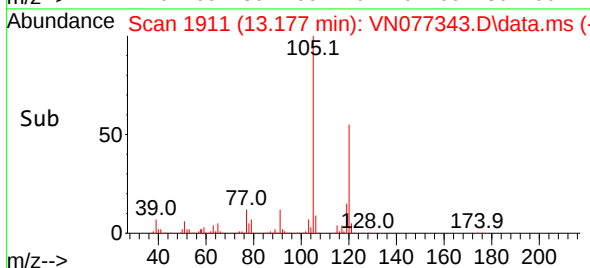
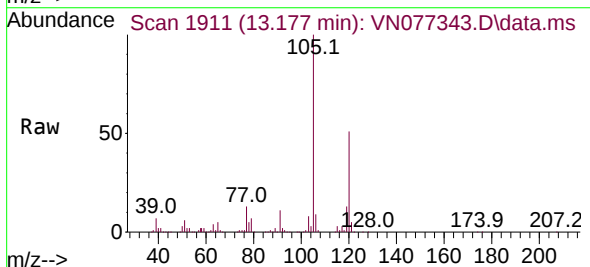
Manual Integrations
APPROVED

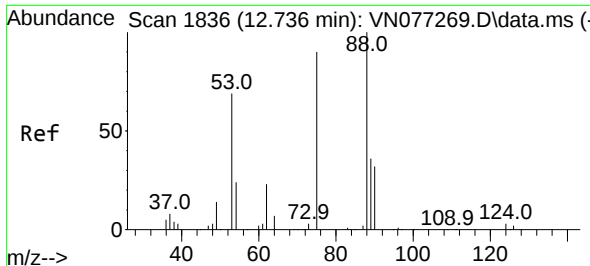
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#76
1,3,5-Trimethylbenzene
Concen: 18.049 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

Tgt Ion:105 Resp: 434429
Ion Ratio Lower Upper
105 100
120 50.2 0.0 94.4





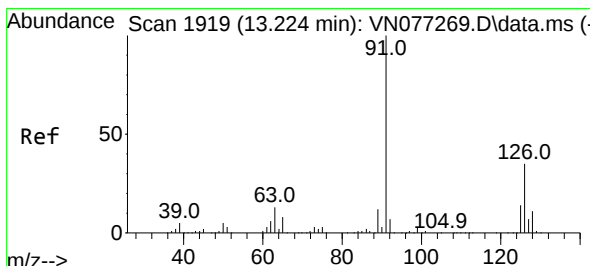
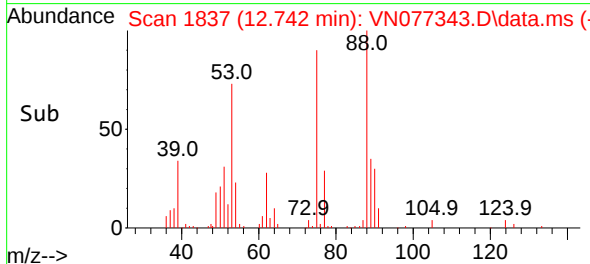
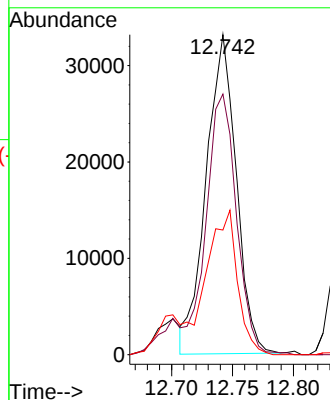
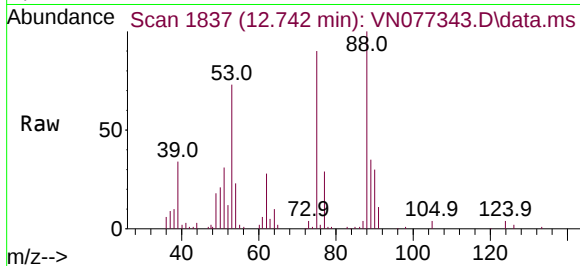
#77
t-1,4-Dichloro-2-butene
Concen: 18.200 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

Tgt Ion: 75 Resp: 57069
Ion Ratio Lower Upper
75 100
53 81.3 38.8 116.4
89 39.2 23.2 69.6

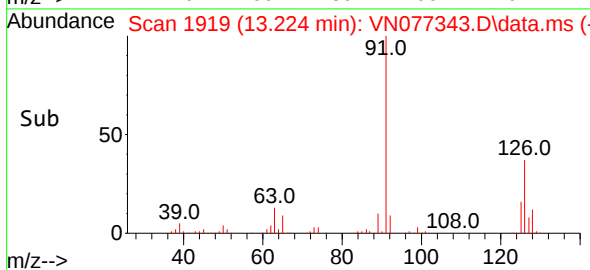
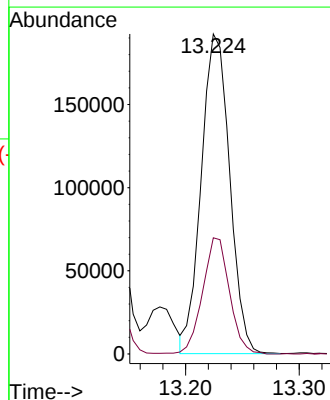
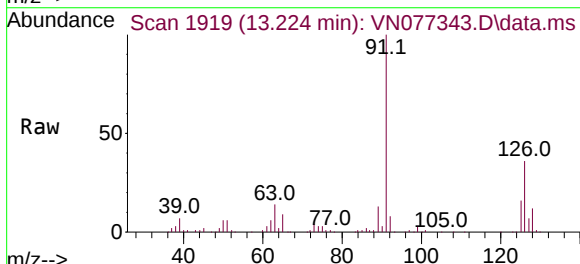
Manual Integrations
APPROVED

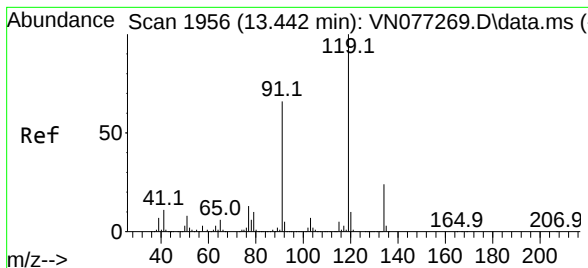
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#78
4-Chlorotoluene
Concen: 18.062 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

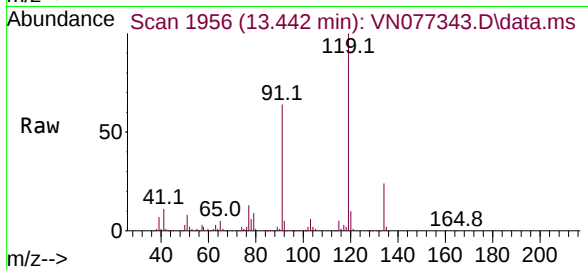
Tgt Ion: 91 Resp: 334538
Ion Ratio Lower Upper
91 100
126 34.3 0.0 67.4





#79
tert-butylbenzene
Concen: 18.238 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

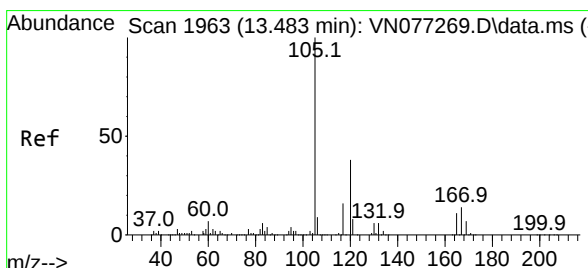
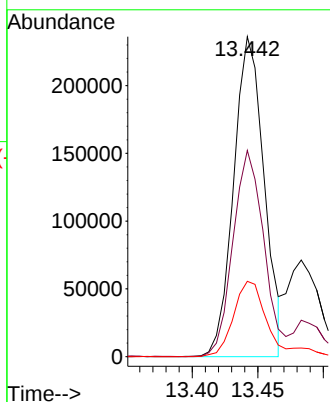
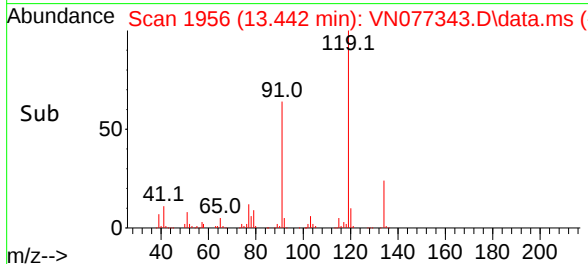
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



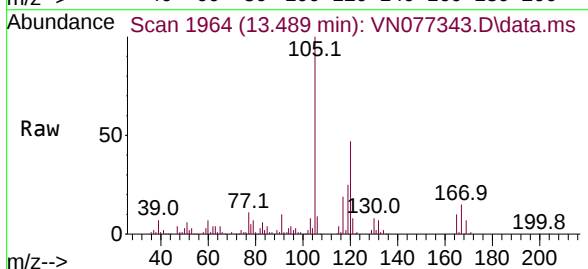
Tgt Ion:119 Resp: 382051
Ion Ratio Lower Upper
119 100
91 65.5 0.0 131.0
134 24.5 0.0 49.8

Manual Integrations
APPROVED

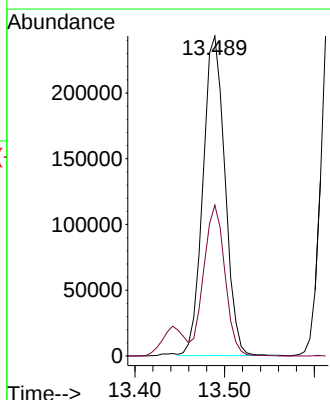
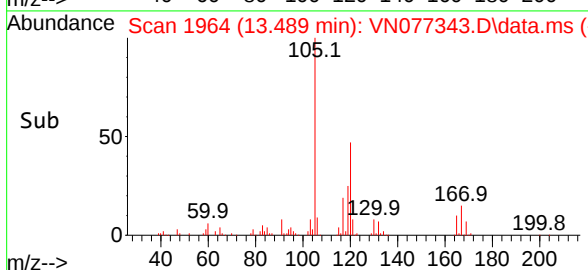
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

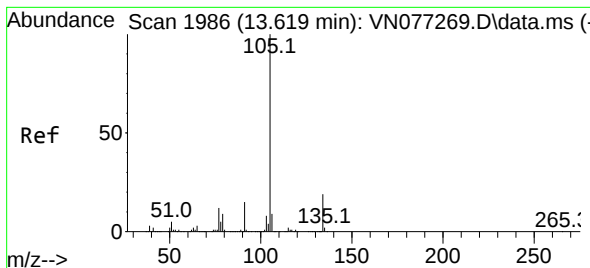


#80
1,2,4-Trimethylbenzene
Concen: 17.603 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37



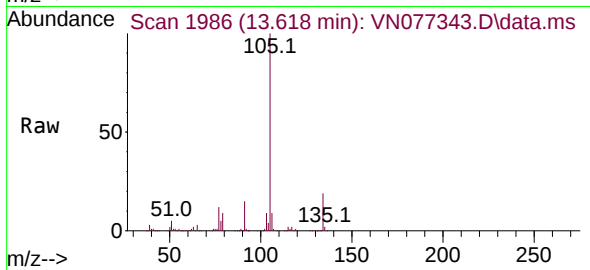
Tgt Ion:105 Resp: 413041
Ion Ratio Lower Upper
105 100
120 45.7 0.0 91.0





#81
 sec-Butylbenzene
 Concen: 18.028 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN077343.D
 Acq: 14 Apr 2023 10:37

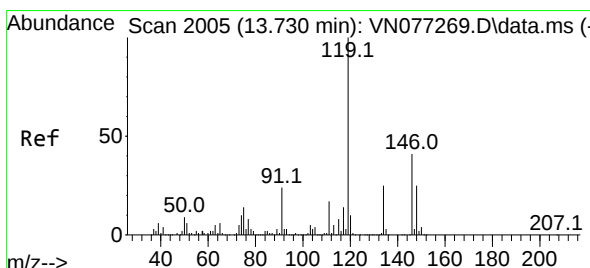
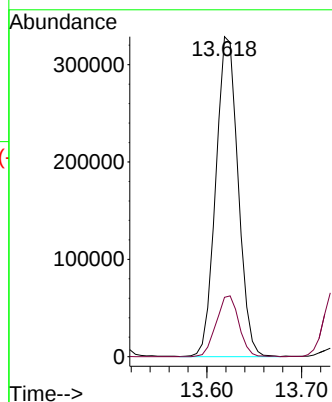
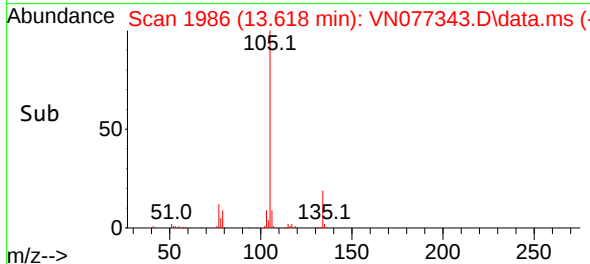
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBSD01



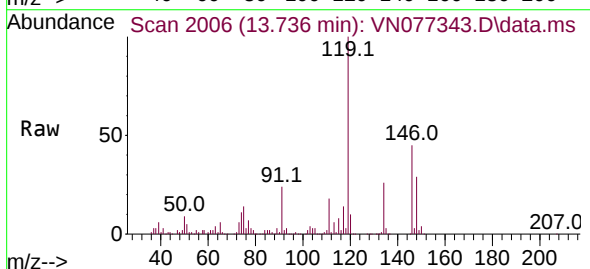
Tgt Ion:105 Resp: 53937
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 38.6

Manual Integrations
 APPROVED

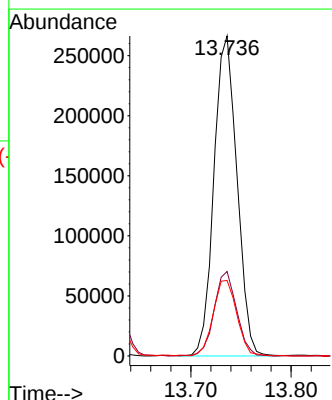
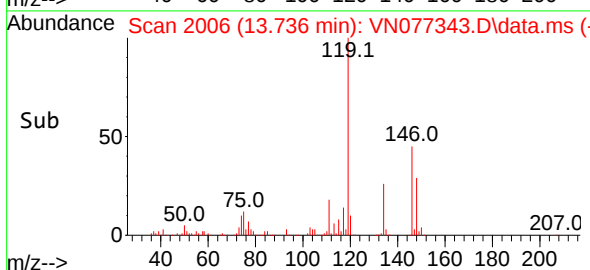
Reviewed By :John Carlone 04/17/2023
 Supervised By :Mahesh Dadoda 04/17/2023

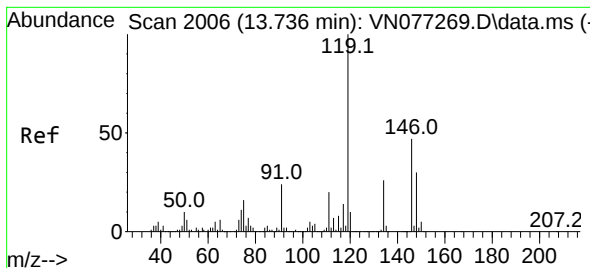


#82
 p-Isopropyltoluene
 Concen: 17.758 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077343.D
 Acq: 14 Apr 2023 10:37



Tgt Ion:119 Resp: 425633
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 51.0
 91 24.2 0.0 48.0





#83

1,3-Dichlorobenzene

Concen: 17.921 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN077343.D

Acq: 14 Apr 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

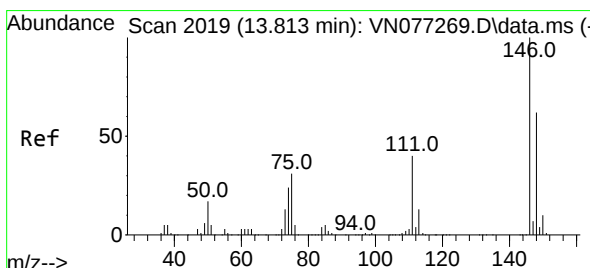
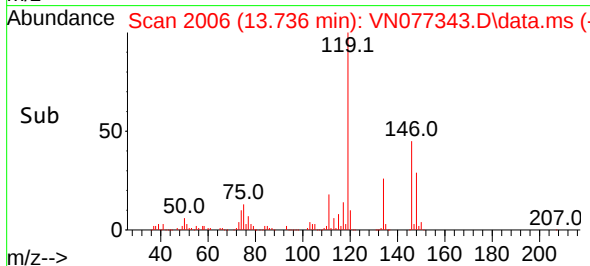
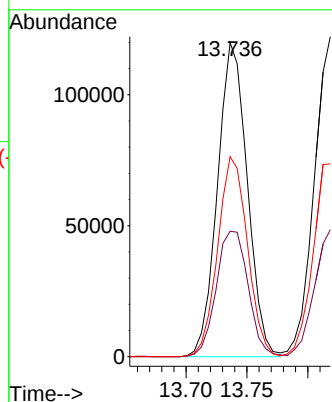
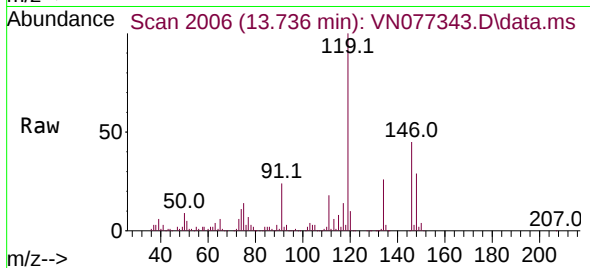
Tgt Ion:	146	Resp:	204159
Ion Ratio	Lower	Upper	
146	100		
111	42.9	21.4	64.2
148	63.6	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#84

1,4-Dichlorobenzene

Concen: 18.035 ug/l

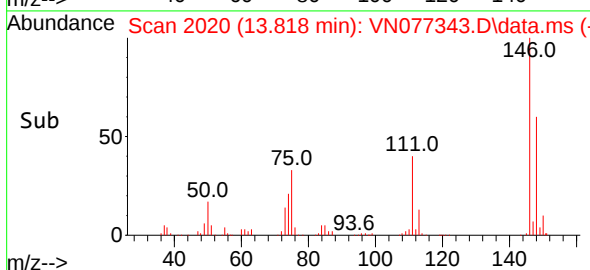
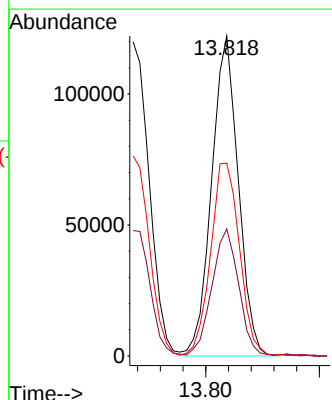
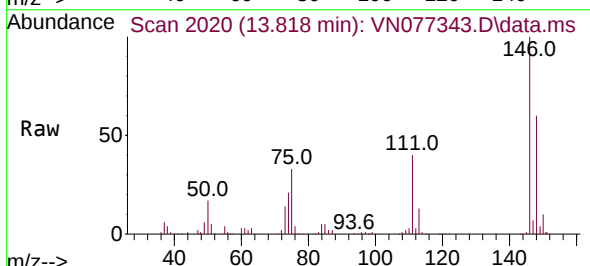
RT: 13.818 min Scan# 2020

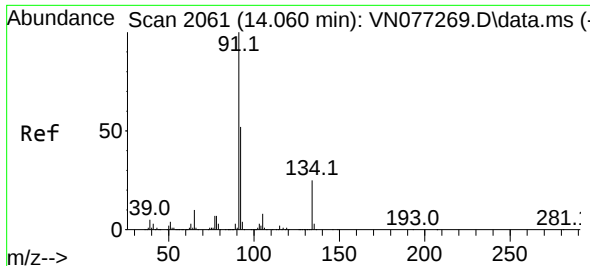
Delta R.T. 0.005 min

Lab File: VN077343.D

Acq: 14 Apr 2023 10:37

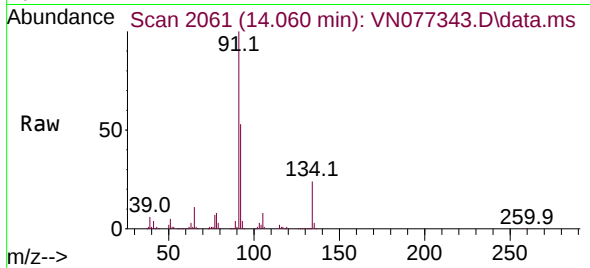
Tgt Ion:	146	Resp:	199338
Ion Ratio	Lower	Upper	
146	100		
111	39.9	20.3	61.0
148	65.2	31.6	94.7





#85
n-Butylbenzene
Concen: 16.928 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

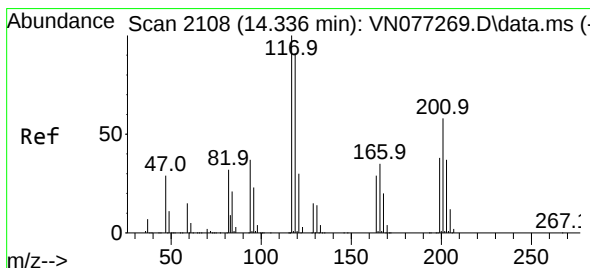
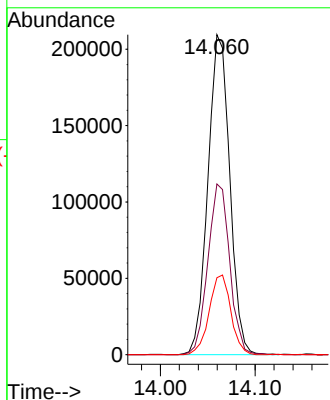
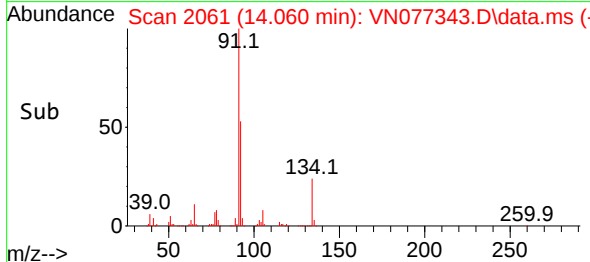
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



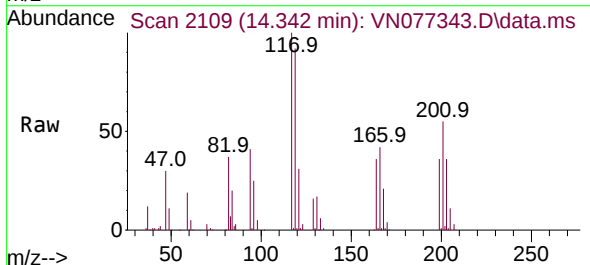
Tgt Ion: 91 Resp: 335292
Ion Ratio Lower Upper
91 100
92 53.4 0.0 105.6
134 24.7 0.0 49.4

Manual Integrations
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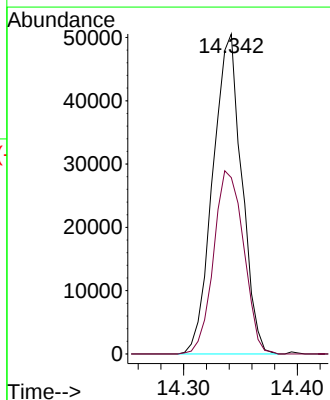
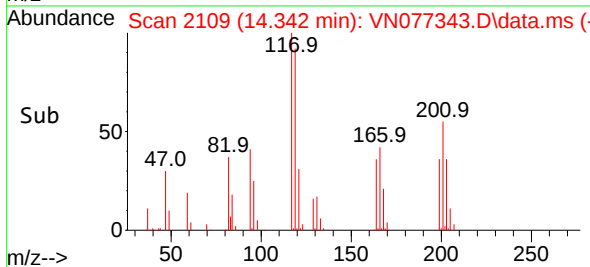
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

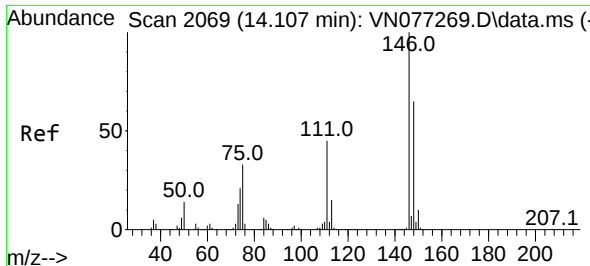


#86
Hexachloroethane
Concen: 17.491 ug/l
RT: 14.342 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37



Tgt Ion:117 Resp: 89183
Ion Ratio Lower Upper
117 100
201 59.6 29.1 87.4





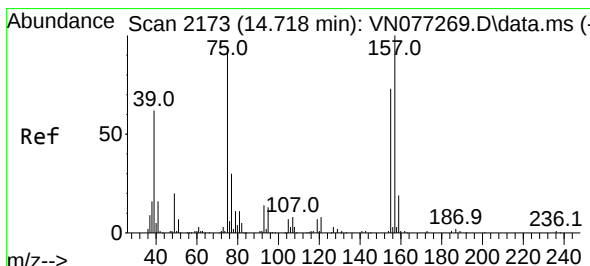
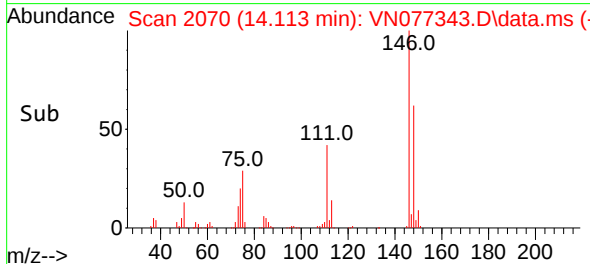
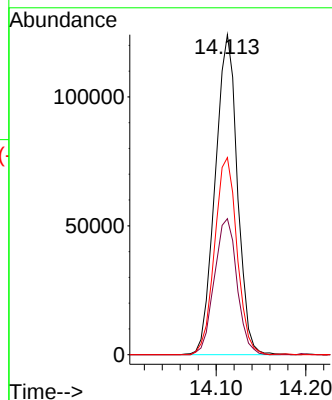
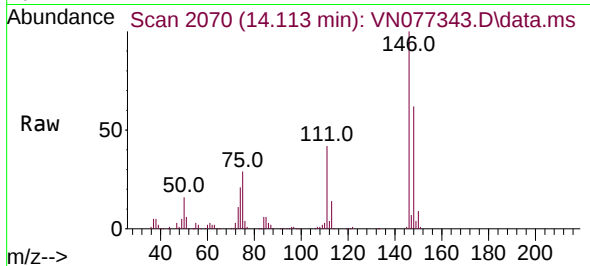
#87
1,2-Dichlorobenzene
Concen: 19.139 ug/l
RT: 14.113 min Scan# 2069
Delta R.T. 0.006 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

Tgt Ion:146 Resp: 213639
Ion Ratio Lower Upper
146 100
111 43.4 22.1 66.5
148 62.1 31.9 95.7

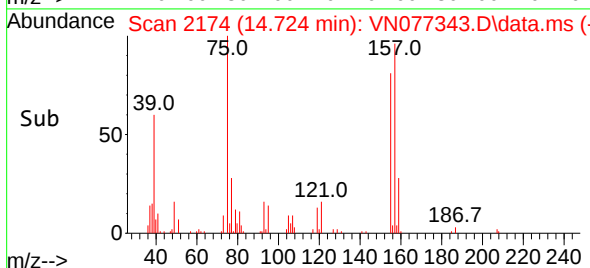
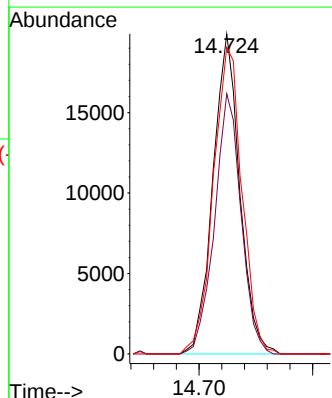
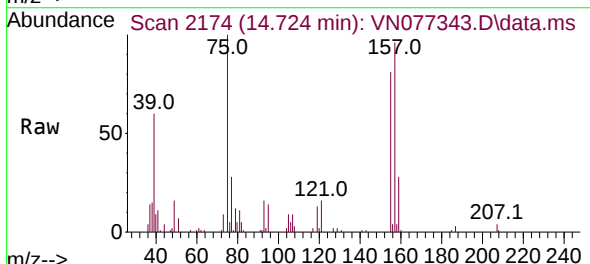
Manual Integrations
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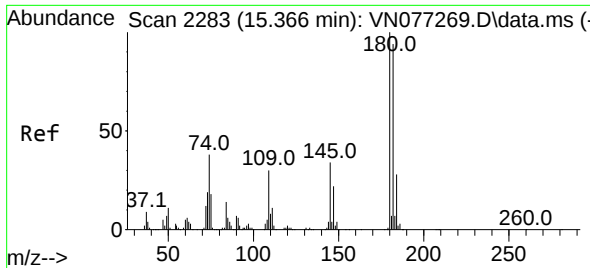
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.765 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.006 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

Tgt Ion: 75 Resp: 32566
Ion Ratio Lower Upper
75 100
155 80.5 67.8 101.6
157 102.7 86.3 129.5





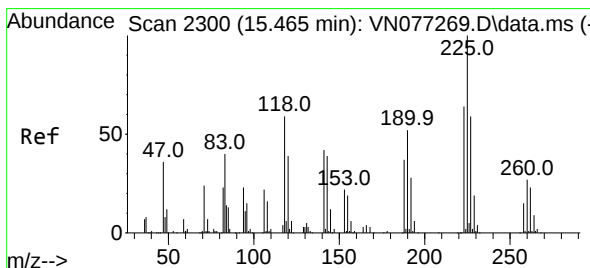
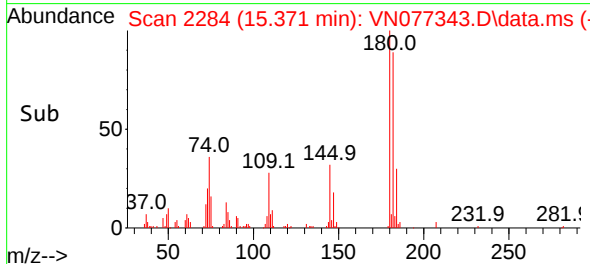
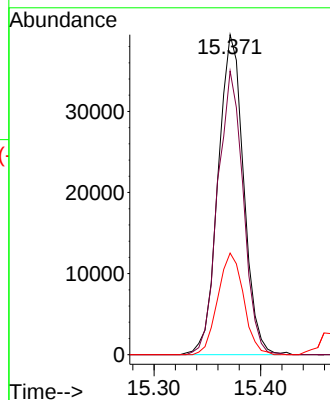
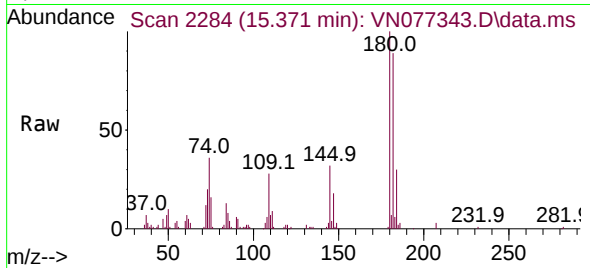
#89
1,2,4-Trichlorobenzene
Concen: 14.953 ug/l
RT: 15.371 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

Tgt Ion:180 Resp: 65650
Ion Ratio Lower Upper
180 100
182 88.2 75.6 113.4
145 32.0 26.7 40.1

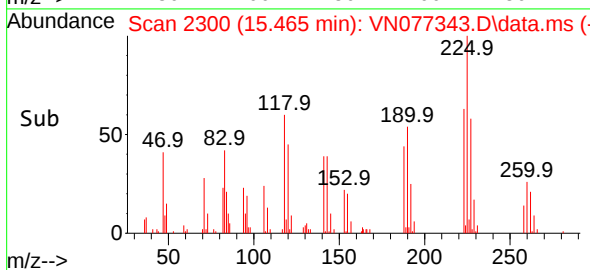
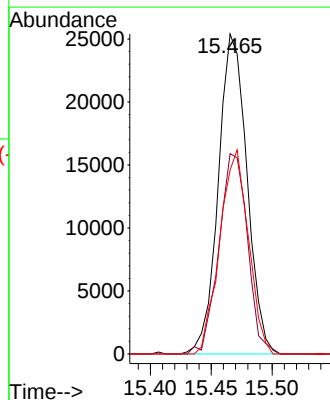
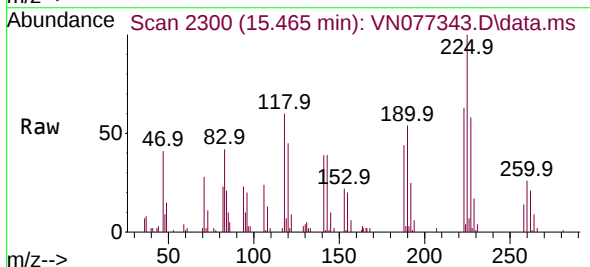
Manual Integrations
APPROVED

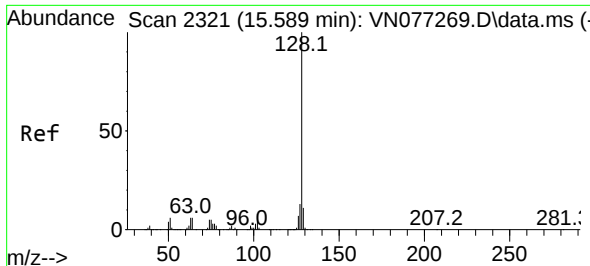
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#90
Hexachlorobutadiene
Concen: 18.473 ug/l
RT: 15.465 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

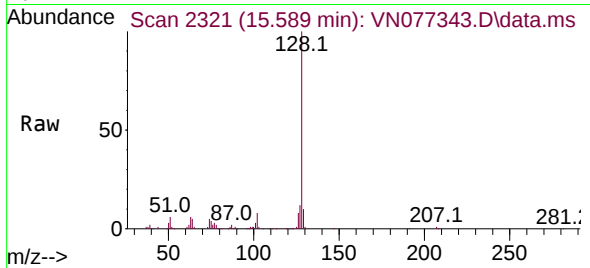
Tgt Ion:225 Resp: 41598
Ion Ratio Lower Upper
225 100
223 61.6 0.0 126.0
227 63.6 0.0 127.2





#91
Naphthalene
Concen: 14.647 ug/l
RT: 15.589 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37

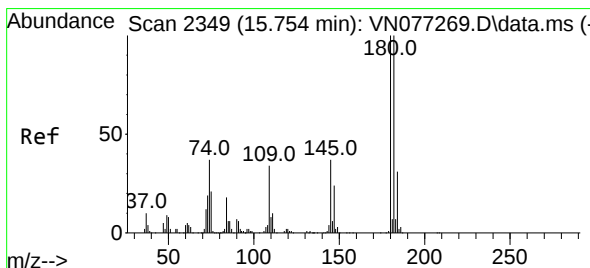
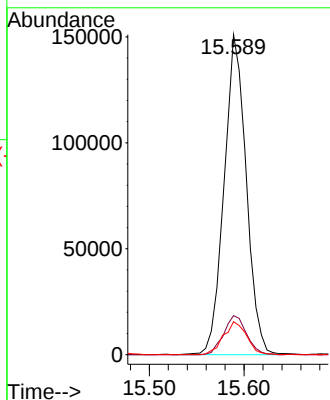
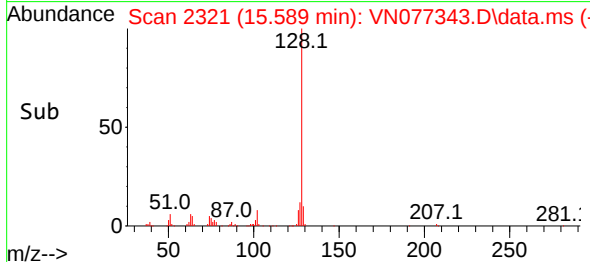
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01



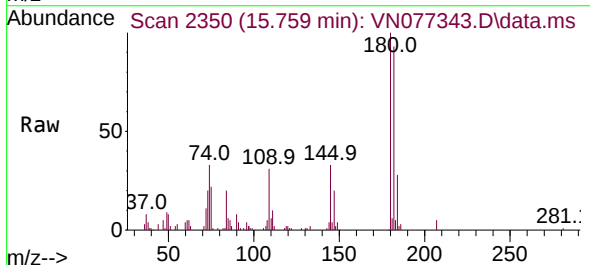
Tgt Ion:128 Resp: 245689
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.8 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#92
1,2,3-Trichlorobenzene
Concen: 14.337 ug/l
RT: 15.759 min Scan# 2350
Delta R.T. 0.005 min
Lab File: VN077343.D
Acq: 14 Apr 2023 10:37



Tgt Ion:180 Resp: 61425
Ion Ratio Lower Upper
180 100
182 94.0 0.0 190.4
145 35.9 0.0 72.4

