

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021323\
 Data File : VN076623.D
 Acq On : 13 Feb 2023 11:27
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/14/2023
 Supervised By : Mahesh Dadoda 02/14/2023

Quant Time: Feb 13 12:06:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 13 11:31:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	336362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	594818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	546580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	260772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	89964	22.660	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	45.320%#		
35) Dibromofluoromethane	8.166	113	73286	19.820	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.640%#		
50) Toluene-d8	10.571	98	286153	20.571	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	41.140%#		
62) 4-Bromofluorobenzene	12.854	95	96962	19.786	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	39.580%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.143	85	78416	22.441	ug/l	97
3) Chloromethane	2.378	50	94018	29.276	ug/l	89
4) Vinyl Chloride	2.531	62	92337	31.313	ug/l	95
5) Bromomethane	2.966	94	53523	24.465	ug/l	98
6) Chloroethane	3.131	64	62853	35.238	ug/l	91
7) Trichlorofluoromethane	3.513	101	123358	21.224	ug/l	97
8) Diethyl Ether	3.972	74	47146	21.422	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.390	101	74313	20.639	ug/l	91
10) Methyl Iodide	4.601	142	93512	17.756	ug/l	98
11) Tert butyl alcohol	5.531	59	61754	119.422	ug/l	97
12) 1,1-Dichloroethene	4.354	96	66664	19.818	ug/l	85
13) Acrolein	4.190	56	93047	134.693	ug/l	100
14) Allyl chloride	5.042	41	117123	26.735	ug/l #	89
15) Acrylonitrile	5.731	53	218171	140.596	ug/l	97
16) Acetone	4.442	43	193675	147.969	ug/l	94
17) Carbon Disulfide	4.725	76	185212	21.255	ug/l	98
18) Methyl Acetate	5.042	43	132593	32.017	ug/l #	86
19) Methyl tert-butyl Ether	5.807	73	237938	21.270	ug/l	93
20) Methylene Chloride	5.295	84	83767	20.760	ug/l #	85
21) trans-1,2-Dichloroethene	5.795	96	75127	20.549	ug/l	88
22) Diisopropyl ether	6.683	45	285281	28.733	ug/l #	91
23) Vinyl Acetate	6.613	43	847699m	136.451	ug/l	
24) 1,1-Dichloroethane	6.572	63	150541	23.612	ug/l	95
25) 2-Butanone	7.489	43	311025	165.314	ug/l #	86
26) 2,2-Dichloropropane	7.501	77	110439	20.751	ug/l	100
27) cis-1,2-Dichloroethene	7.495	96	88834	20.778	ug/l	91
28) Bromochloromethane	7.819	49	72095	28.222	ug/l #	75
29) Tetrahydrofuran	7.842	42	205064	169.590	ug/l #	81
30) Chloroform	7.972	83	151337	21.881	ug/l	95
31) Cyclohexane	8.260	56	142497	22.709	ug/l #	78
32) 1,1,1-Trichloroethane	8.172	97	129111	20.833	ug/l	89
36) 1,1-Dichloropropene	8.377	75	111340	21.090	ug/l	96
37) Ethyl Acetate	7.572	43	120829	30.549	ug/l #	93
38) Carbon Tetrachloride	8.366	117	112871	19.885	ug/l	95
39) Methylcyclohexane	9.607	83	132939	20.276	ug/l	97
40) Benzene	8.613	78	342738	21.417	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	66719	29.792	ug/l #	87
42) 1,2-Dichloroethane	8.677	62	116821	22.421	ug/l	96
43) Isopropyl Acetate	8.695	43	199545	30.319	ug/l #	89
44) Trichloroethene	9.354	130	83270	19.485	ug/l	100
45) 1,2-Dichloropropane	9.624	63	89366	23.250	ug/l	93
46) Dibromomethane	9.713	93	57289	20.662	ug/l	96
47) Bromodichloromethane	9.889	83	119124	21.365	ug/l	98
48) Methyl methacrylate	9.689	41	91158	28.163	ug/l #	82
49) 1,4-Dioxane	9.695	88	32066	463.110	ug/l #	89
51) 4-Methyl-2-Pentanone	10.448	43	640687	161.972	ug/l #	85
52) Toluene	10.636	92	218443	21.151	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	113956	21.153	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	130560	21.252	ug/l #	87
55) 1,1,2-Trichloroethane	11.019	97	85147	21.050	ug/l	97
56) Ethyl methacrylate	10.877	69	125335	23.151	ug/l #	76
57) 1,3-Dichloropropane	11.166	76	148030	22.608	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	288082	186.209	ug/l	93
59) 2-Hexanone	11.195	43	465496	165.071	ug/l	84
60) Dibromochloromethane	11.360	129	88166	20.682	ug/l	100
61) 1,2-Dibromoethane	11.471	107	82456	20.593	ug/l	98
64) Tetrachloroethene	11.101	164	65993	14.500	ug/l	97
65) Chlorobenzene	11.895	112	230452	20.388	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	84016	20.072	ug/l	99
67) Ethyl Benzene	11.965	91	405225	20.173	ug/l	100
68) m/p-Xylenes	12.071	106	321849	41.123	ug/l	96
69) o-Xylene	12.401	106	157423	20.540	ug/l	97
70) Styrene	12.413	104	251986	20.673	ug/l	98
71) Bromoform	12.583	173	60247	20.620	ug/l #	99
73) Isopropylbenzene	12.701	105	395845	18.535	ug/l	96
74) N-amyl acetate	12.495	43	171160	28.739	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.942	83	133079	22.734	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	107926m	22.182	ug/l	
77) Bromobenzene	12.983	156	94736	19.071	ug/l	97
78) n-propylbenzene	13.036	91	467572	19.883	ug/l	99
79) 2-Chlorotoluene	13.130	91	273414	18.252	ug/l	97
80) 1,3,5-Trimethylbenzene	13.177	105	337208	19.025	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.736	75	34354	21.682	ug/l #	77
82) 4-Chlorotoluene	13.130	91	273414	18.252	ug/l	97
83) tert-Butylbenzene	13.442	119	295120	18.589	ug/l	97
84) 1,2,4-Trimethylbenzene	13.483	105	341432	19.356	ug/l	97
85) sec-Butylbenzene	13.618	105	419808	19.609	ug/l	100
86) p-Isopropyltoluene	13.730	119	339965	19.377	ug/l	98
87) 1,3-Dichlorobenzene	13.736	146	179444	19.626	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	175854	18.935	ug/l	99
89) n-Butylbenzene	14.059	91	284890	20.506	ug/l	97
90) Hexachloroethane	14.336	117	65406	21.403	ug/l	92
91) 1,2-Dichlorobenzene	14.107	146	183401	20.346	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	24362	24.046	ug/l	94
93) 1,2,4-Trichlorobenzene	15.395	180	91433	22.136	ug/l	98
94) Hexachlorobutadiene	15.506	225	44408	19.120	ug/l	98
95) Naphthalene	15.642	128	295401	24.582	ug/l	99
96) 1,2,3-Trichlorobenzene	15.848	180	93254	23.575	ug/l	96

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

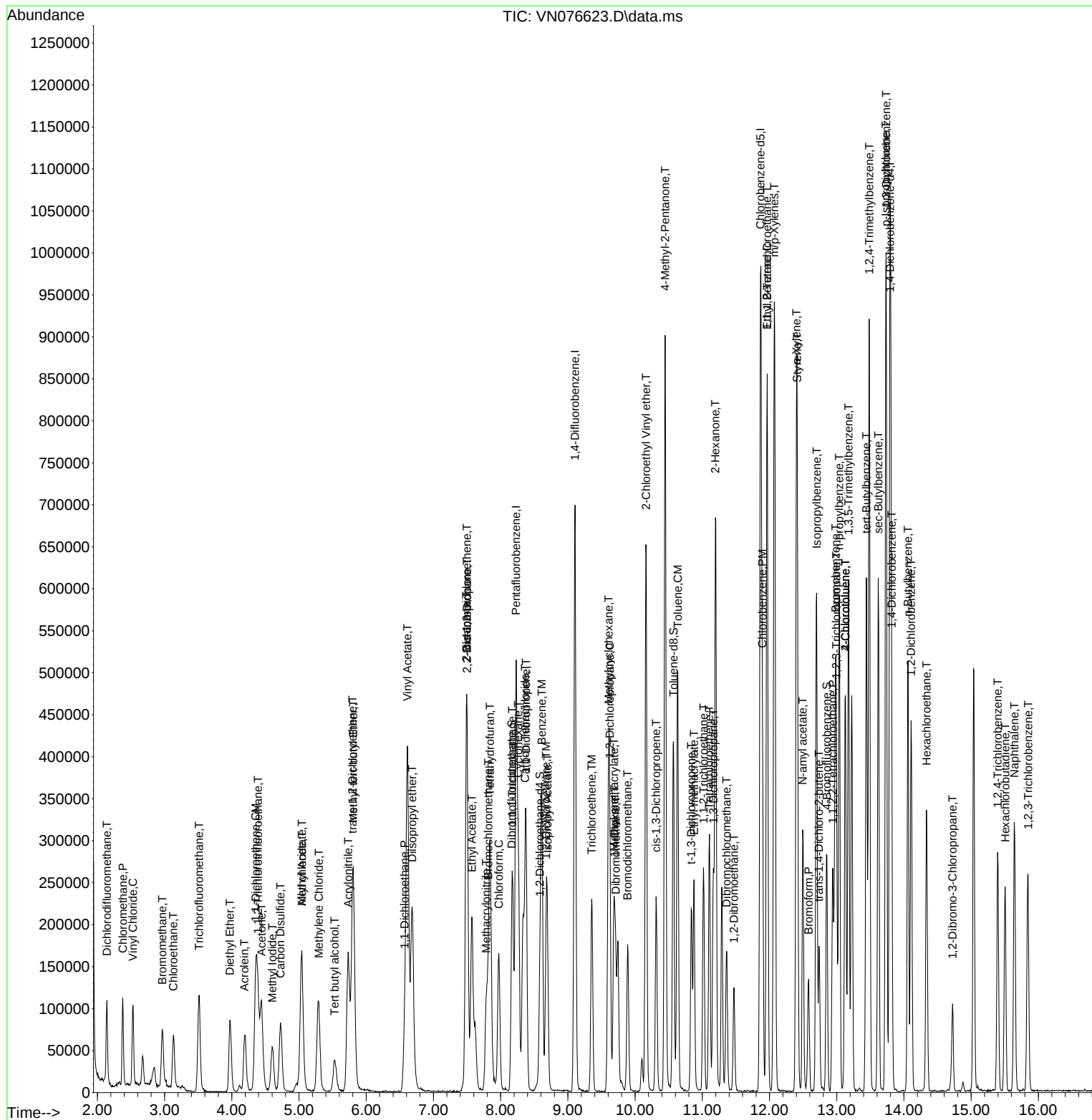
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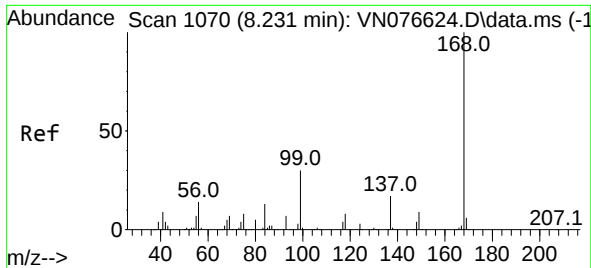
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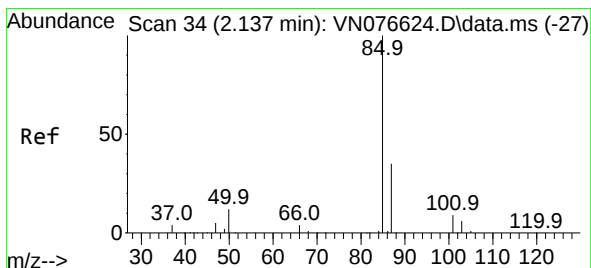
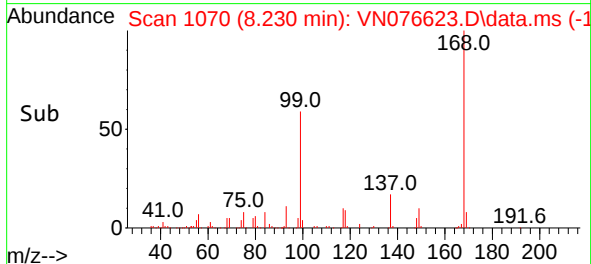
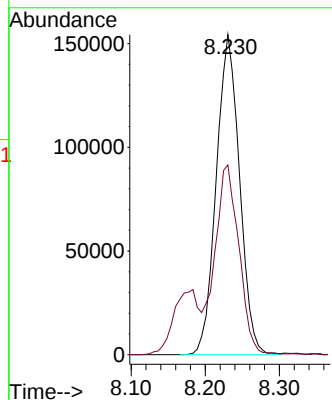
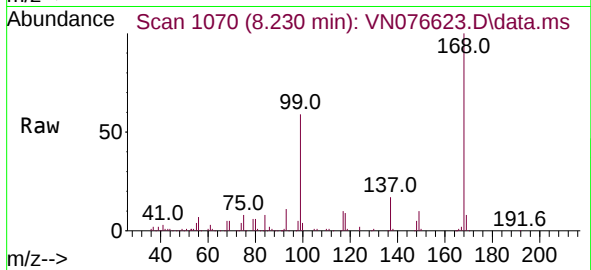
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN076623.D
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ClientSampleId :
VSTDICC020

Tgt Ion:168 Resp: 33636
Ion Ratio Lower Upper
168 100
99 59.1 47.8 71.8

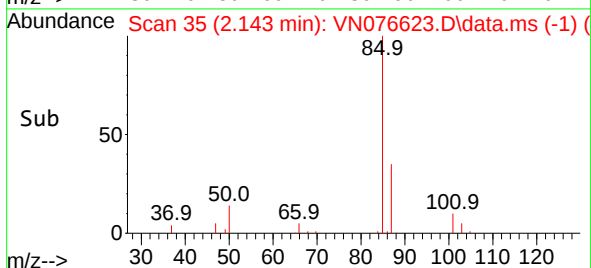
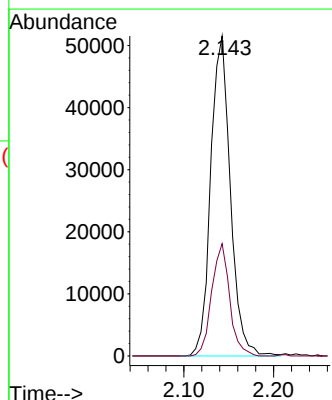
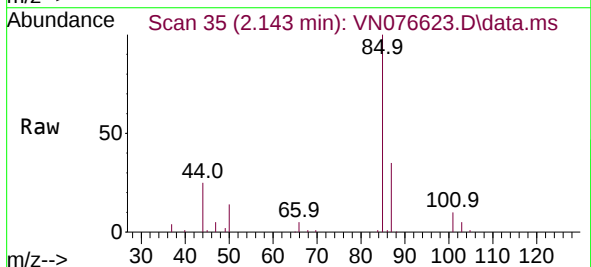
Manual Integrations
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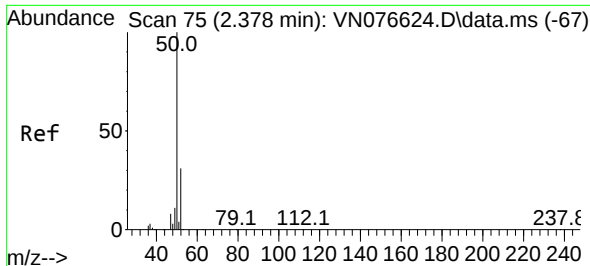
Reviewed By :John Carlone 02/14/2023
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#2
Dichlorodifluoromethane
Concen: 22.441 ug/l
RT: 2.143 min Scan# 35
Delta R.T. 0.001 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

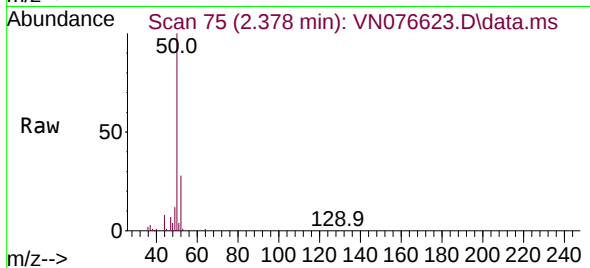
Tgt Ion: 85 Resp: 78416
Ion Ratio Lower Upper
85 100
87 35.1 16.6 49.8





#3
Chloromethane
Concen: 29.276 ug/l
RT: 2.378 min Scan# 75
Delta R.T. 0.007 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

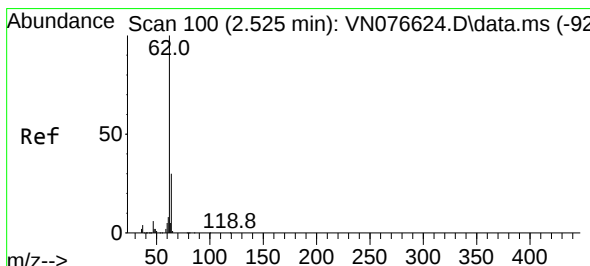
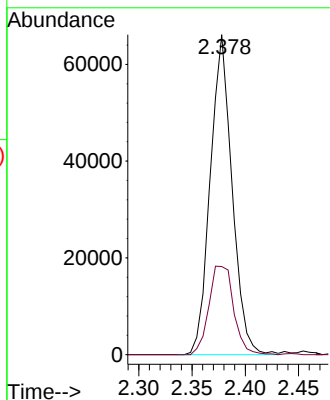
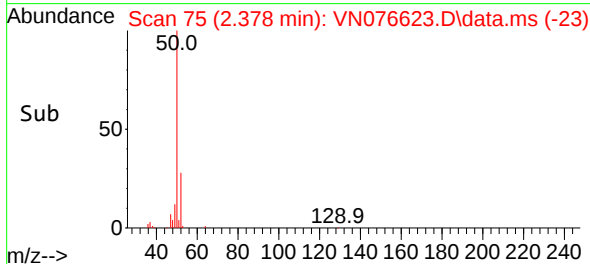
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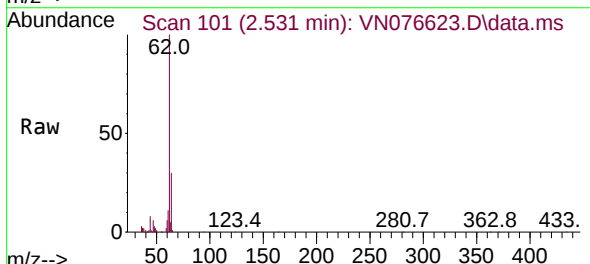
Tgt Ion: 50 Resp: 94018
Ion Ratio Lower Upper
50 100
52 27.6 27.0 40.4

Manual Integrations
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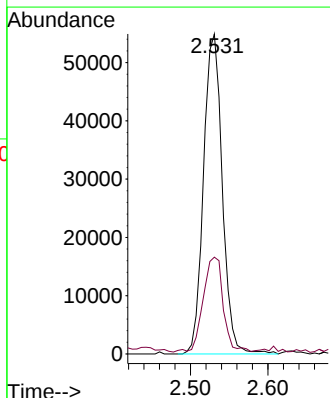
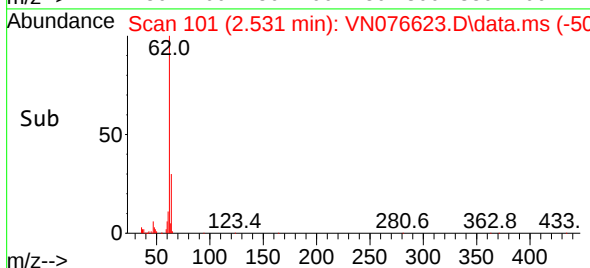
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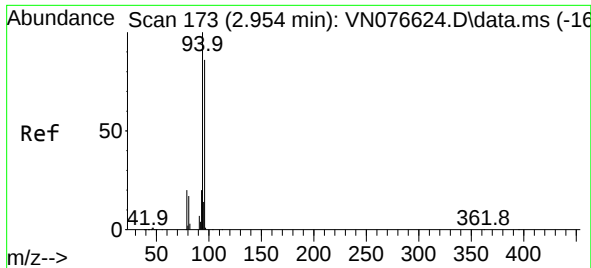


#4
Vinyl Chloride
Concen: 31.313 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.001 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27



Tgt Ion: 62 Resp: 92337
Ion Ratio Lower Upper
62 100
64 29.4 26.0 39.0





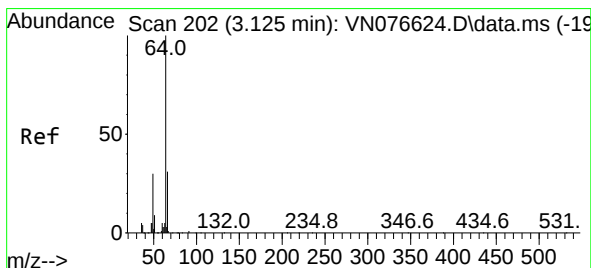
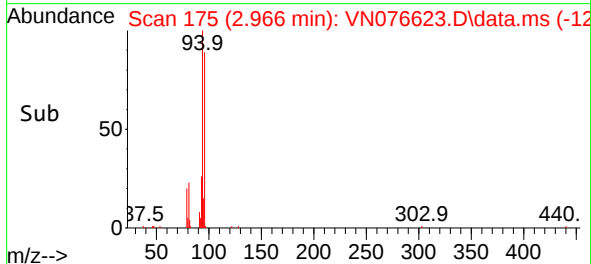
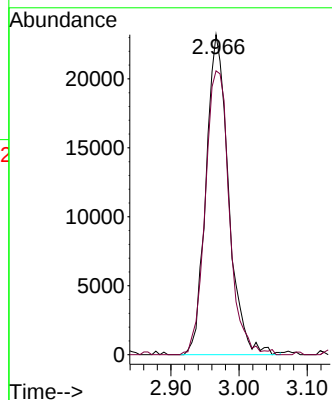
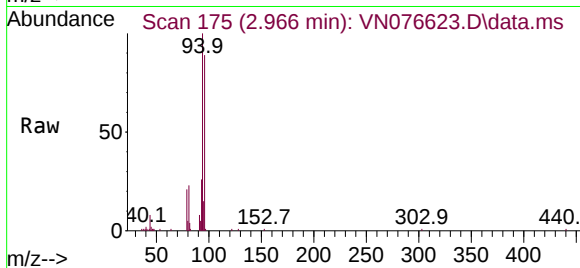
#5
Bromomethane
Concen: 24.465 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN076623.D
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Tgt Ion: 94 Resp: 5352
Ion Ratio Lower Upper
94 100
96 88.7 72.7 109.1

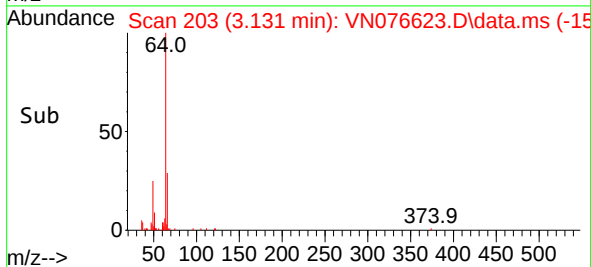
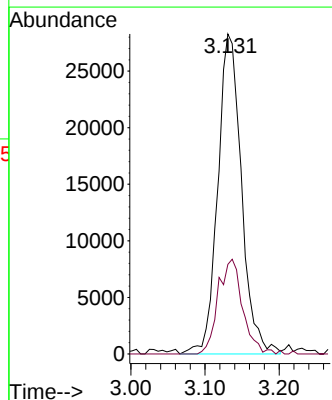
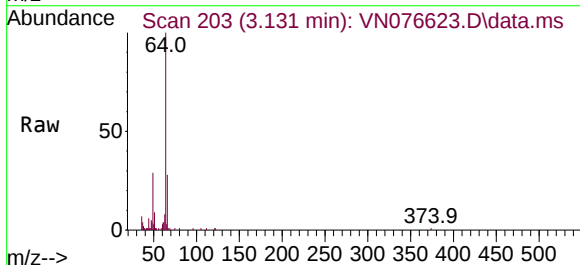
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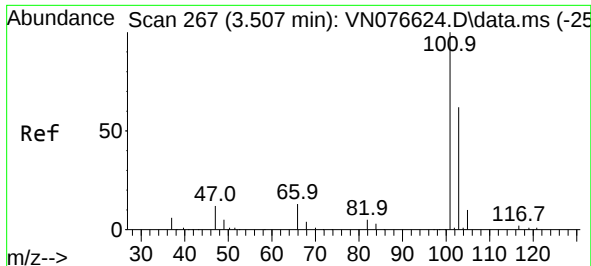
Reviewed By :John Carlone 02/14/2023
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#6
Chloroethane
Concen: 35.238 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.007 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

Tgt Ion: 64 Resp: 62853
Ion Ratio Lower Upper
64 100
66 28.0 26.3 39.5





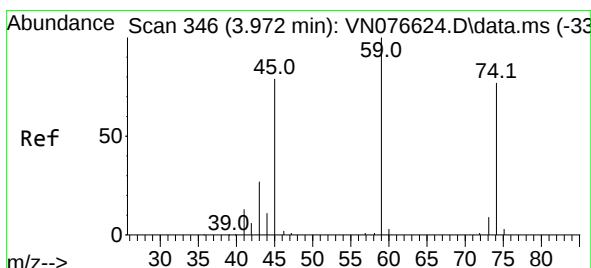
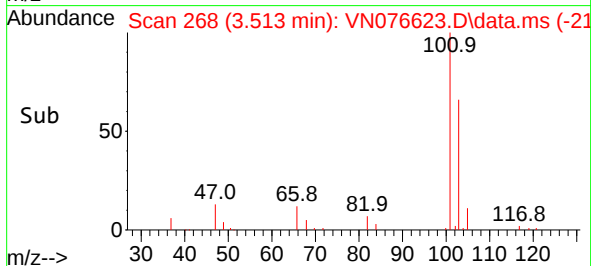
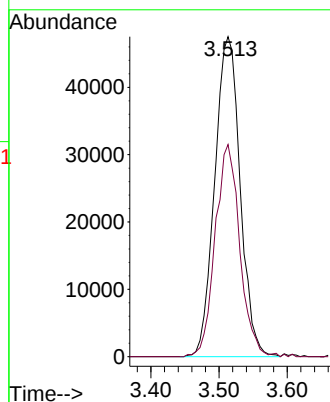
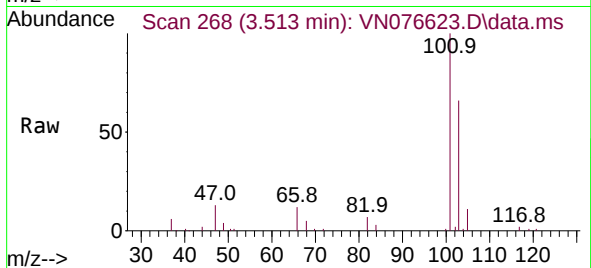
#7
Trichlorofluoromethane
Concen: 21.224 ug/l
RT: 3.513 min Scan# 267
Delta R.T. 0.001 min
Lab File: VN076623.D
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Tgt Ion:101 Resp: 123358
Ion Ratio Lower Upper
101 100
103 66.3 51.3 76.9

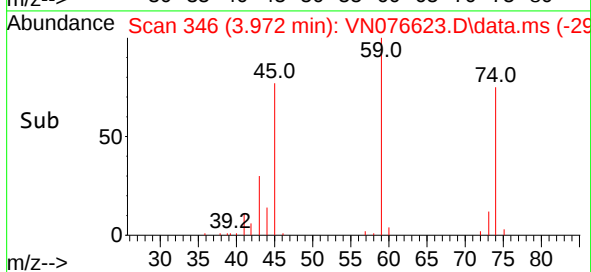
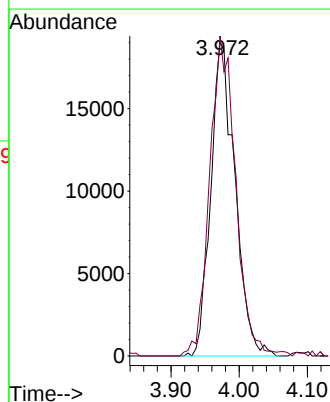
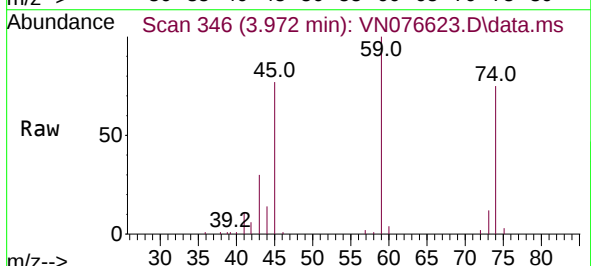
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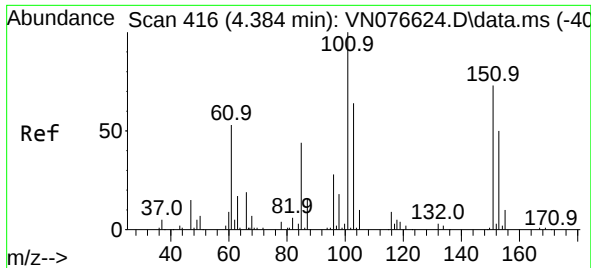
Reviewed By :John Carlone 02/14/2023
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#8
Diethyl Ether
Concen: 21.422 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.005 min
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Tgt Ion: 74 Resp: 47146
Ion Ratio Lower Upper
74 100
45 109.2 39.8 119.4





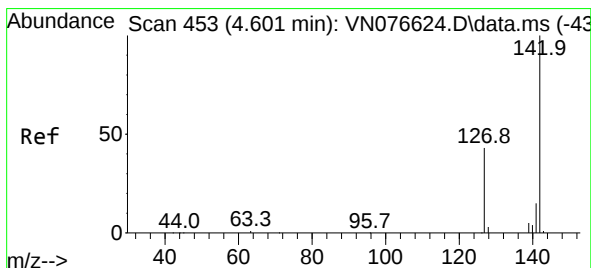
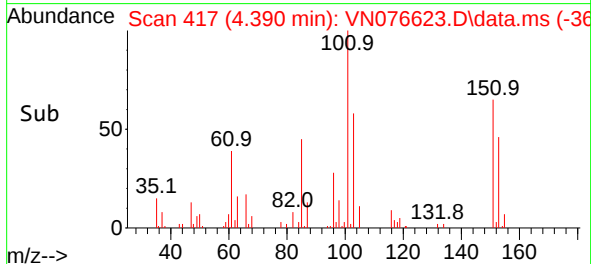
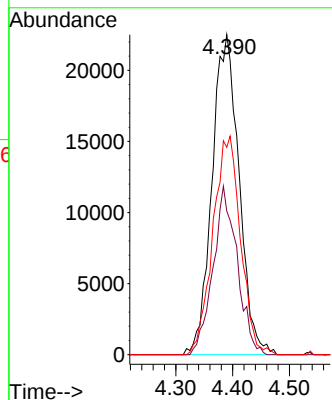
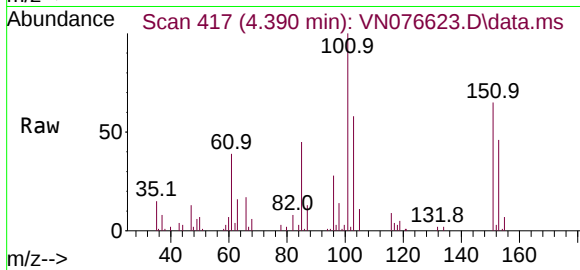
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.639 ug/l
RT: 4.390 min Scan# 416
Delta R.T. 0.001 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 7431
Ion Ratio Lower Upper
101 100
85 47.1 33.9 50.9
151 69.9 62.5 93.7

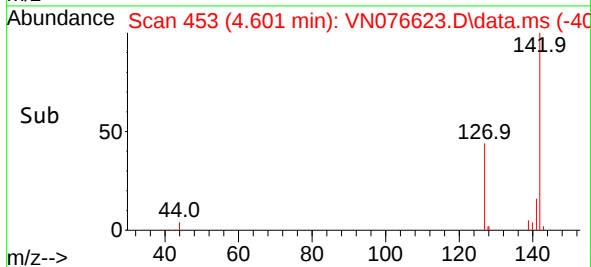
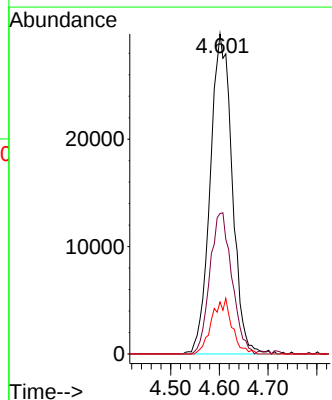
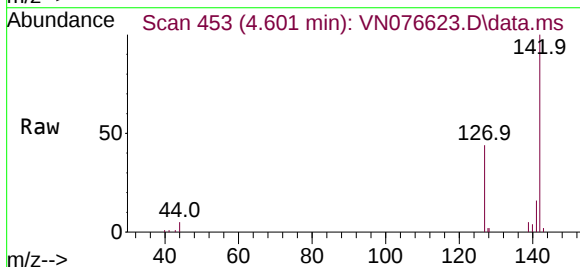
Manual Integrations
APPROVED

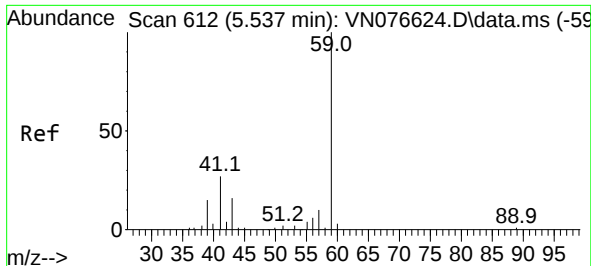
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#10
Methyl Iodide
Concen: 17.756 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

Tgt Ion:142 Resp: 93512
Ion Ratio Lower Upper
142 100
127 43.9 34.8 52.2
141 16.3 11.2 16.8





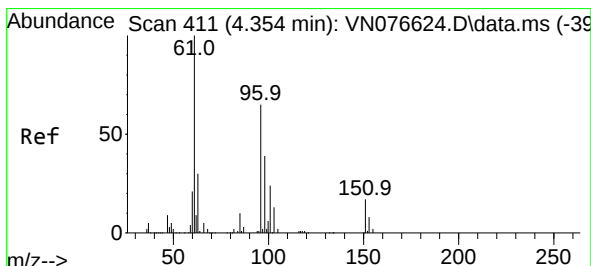
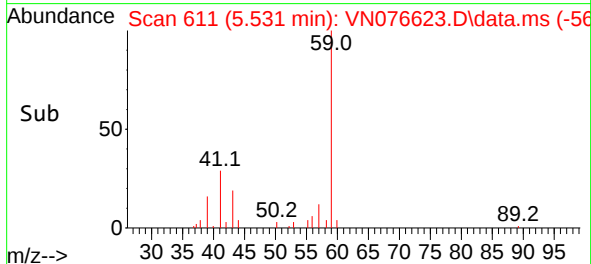
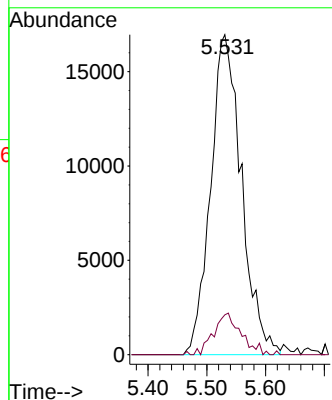
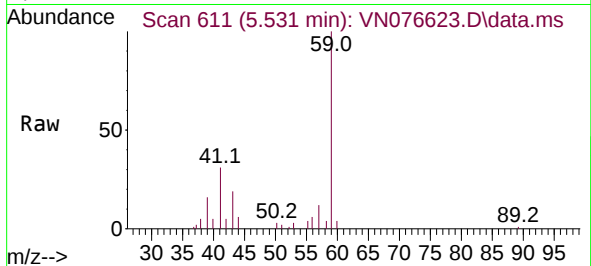
#11
Tert butyl alcohol
Concen: 119.422 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.011 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 61754
Ion Ratio Lower Upper
59 100
57 11.4 8.3 12.5

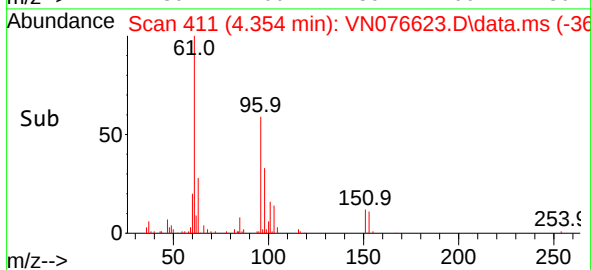
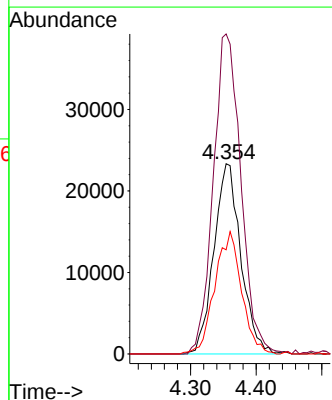
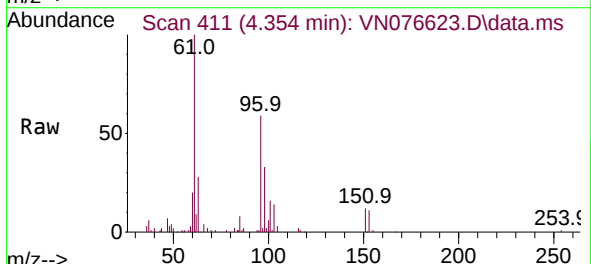
Manual Integrations
APPROVED

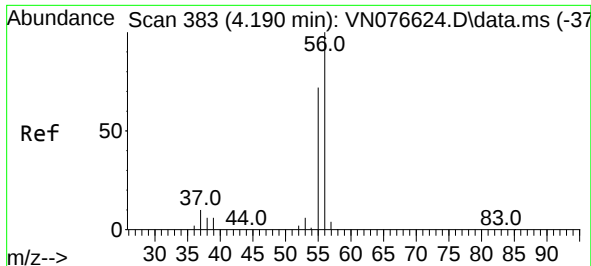
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#12
1,1-Dichloroethene
Concen: 19.818 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.001 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

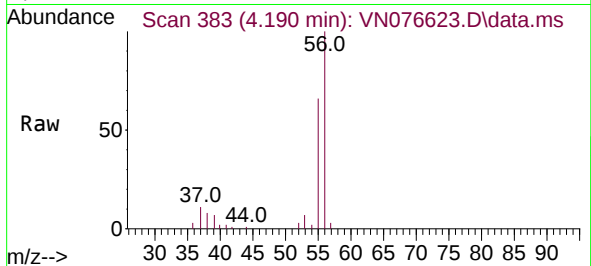
Tgt Ion: 96 Resp: 66664
Ion Ratio Lower Upper
96 100
61 168.2 118.3 177.5
98 54.7 50.7 76.1





#13
Acrolein
Concen: 134.693 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.005 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

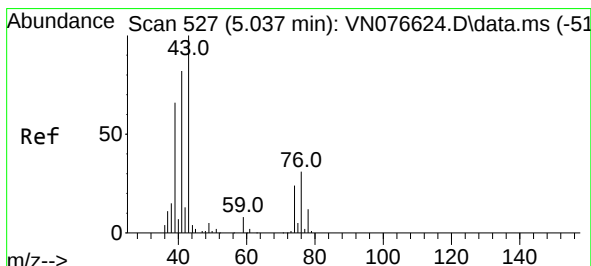
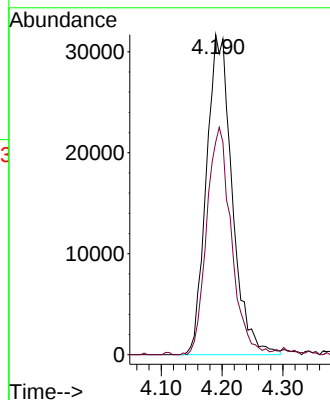
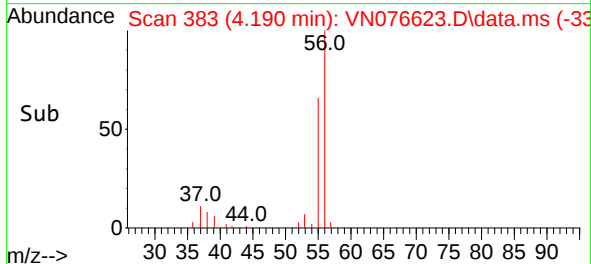
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



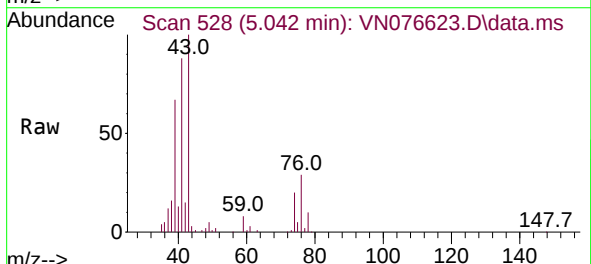
Tgt Ion: 56 Resp: 9304
Ion Ratio Lower Upper
56 100
55 68.0 54.7 82.1

Manual Integrations
APPROVED

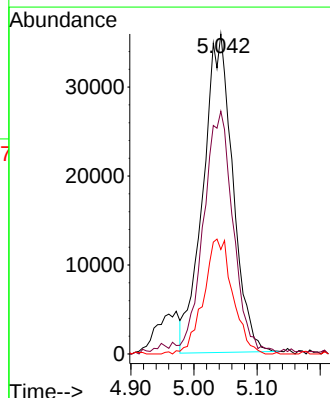
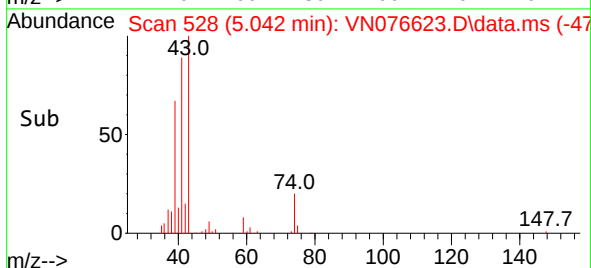
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

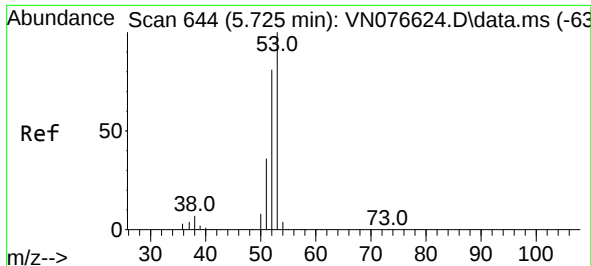


#14
Allyl chloride
Concen: 26.735 ug/l
RT: 5.042 min Scan# 528
Delta R.T. 0.000 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27



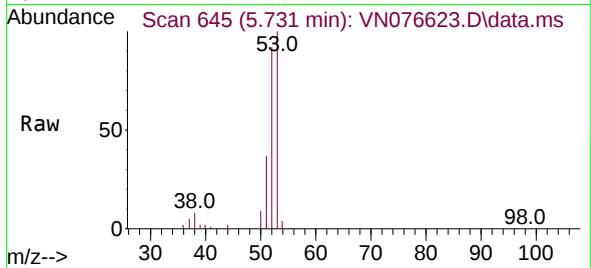
Tgt Ion: 41 Resp: 117123
Ion Ratio Lower Upper
41 100
39 76.2 55.8 83.6
76 35.4 36.8 55.2#





#15
Acrylonitrile
Concen: 140.596 ug/l
RT: 5.731 min Scan# 644
Delta R.T. -0.005 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

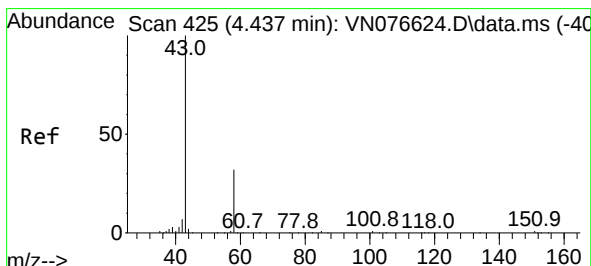
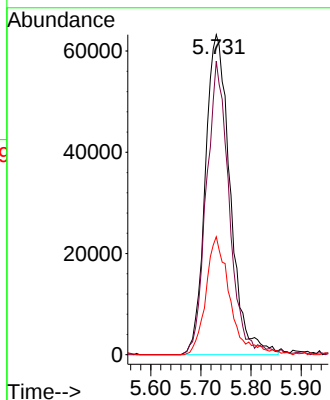
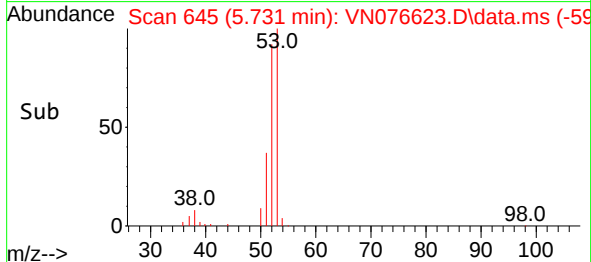
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



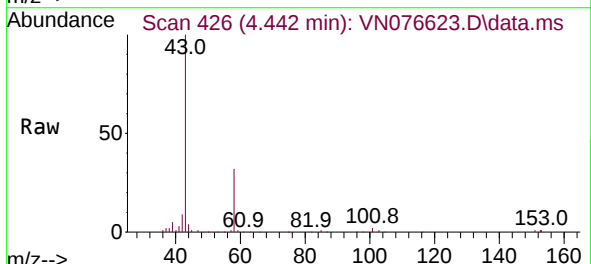
Tgt Ion: 53 Resp: 21817
Ion Ratio Lower Upper
53 100
52 84.0 64.6 96.8
51 35.3 27.9 41.9

Manual Integrations
APPROVED

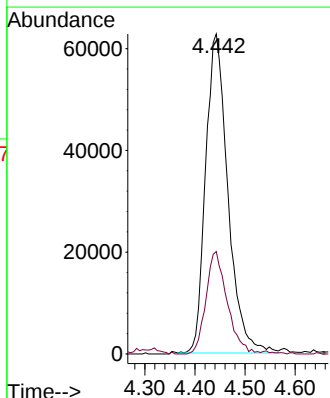
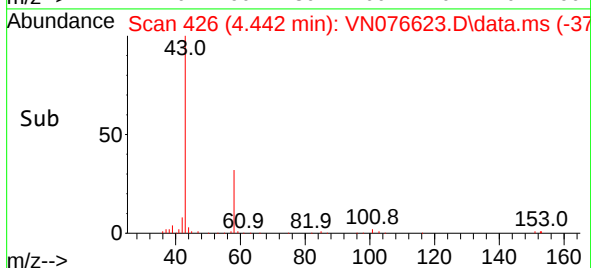
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

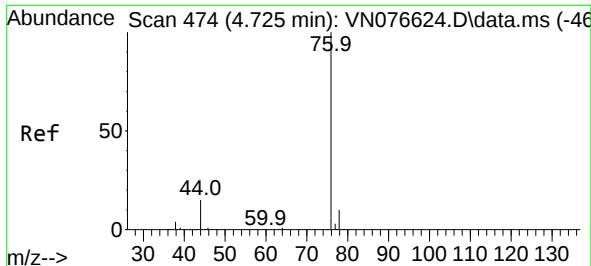


#16
Acetone
Concen: 147.969 ug/l
RT: 4.442 min Scan# 426
Delta R.T. 0.000 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27



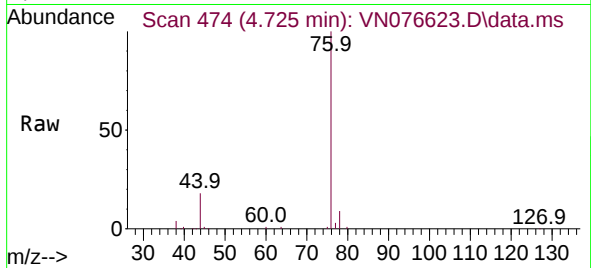
Tgt Ion: 43 Resp: 193675
Ion Ratio Lower Upper
43 100
58 32.1 28.4 42.6





#17
Carbon Disulfide
Concen: 21.255 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.005 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

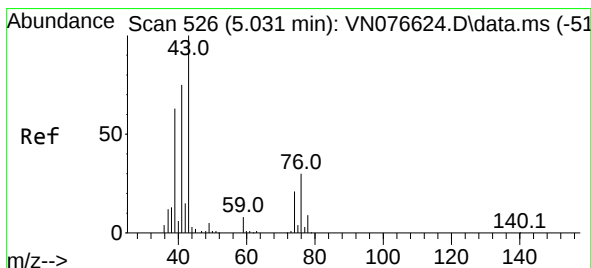
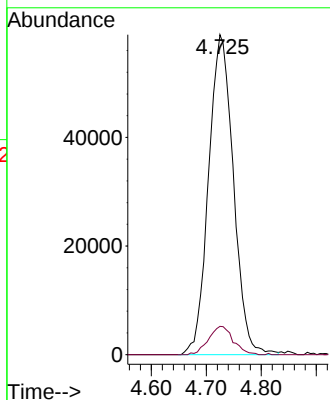
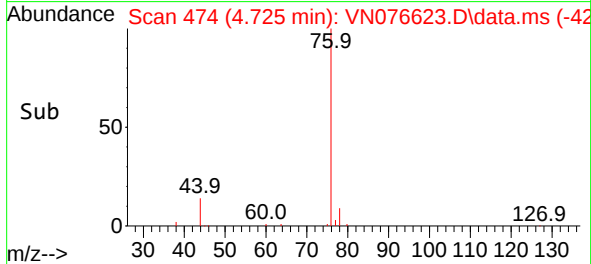
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



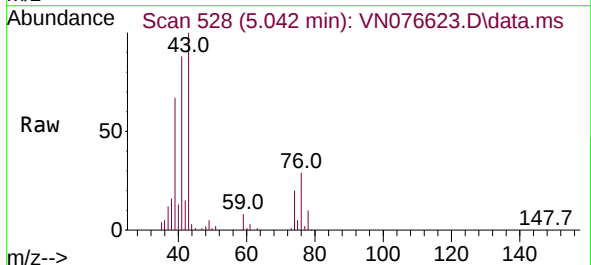
Tgt Ion: 76 Resp: 18521
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4

Manual Integrations
APPROVED

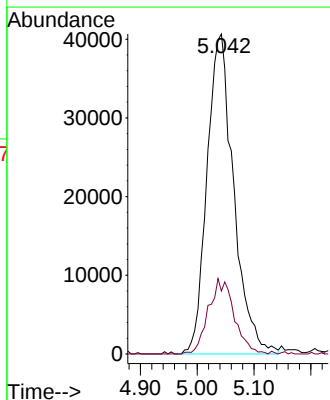
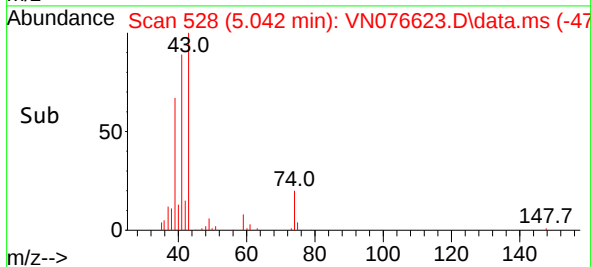
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

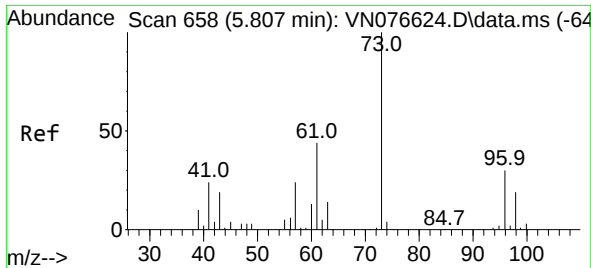


#18
Methyl Acetate
Concen: 32.017 ug/l
RT: 5.042 min Scan# 528
Delta R.T. 0.000 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27



Tgt Ion: 43 Resp: 132593
Ion Ratio Lower Upper
43 100
74 22.6 23.9 35.9#





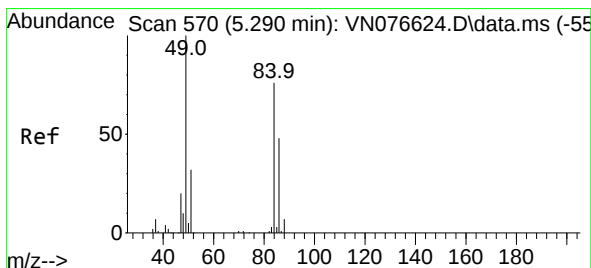
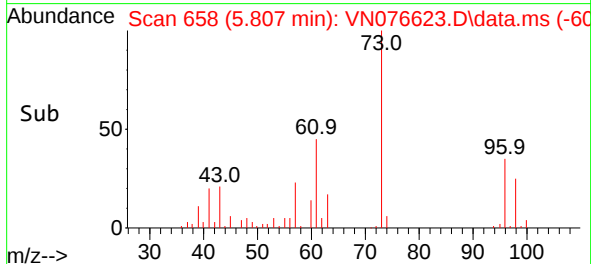
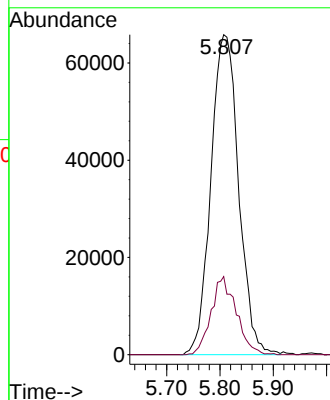
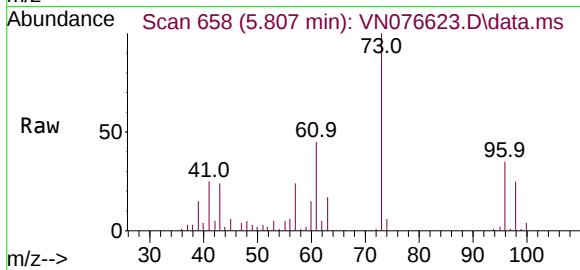
#19
Methyl tert-butyl Ether
Concen: 21.270 ug/l
RT: 5.807 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 237938
Ion Ratio Lower Upper
73 100
57 24.4 17.0 25.6

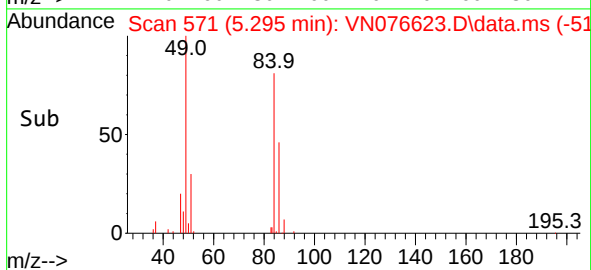
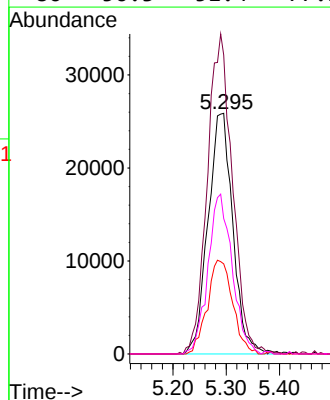
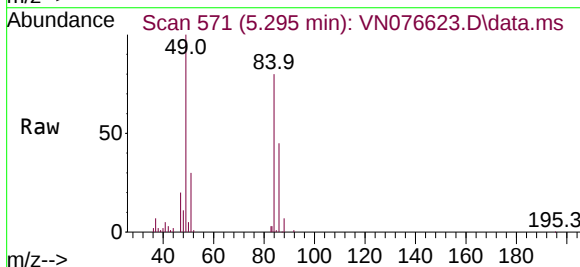
Manual Integrations
APPROVED

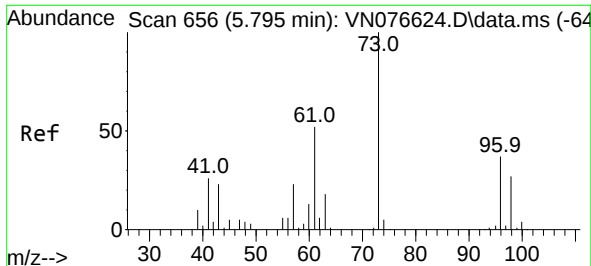
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#20
Methylene Chloride
Concen: 20.760 ug/l
RT: 5.295 min Scan# 571
Delta R.T. 0.006 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

Tgt Ion: 84 Resp: 83767
Ion Ratio Lower Upper
84 100
49 123.6 82.0 123.0#
51 37.5 26.0 39.0
86 56.3 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 20.549 ug/l

RT: 5.795 min Scan# 61

Delta R.T. -0.005 min

Lab File: VN076623.D

Acq: 13 Feb 2023 11:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 7512

Ion Ratio Lower Upper

96 100

61 142.2 98.9 148.3

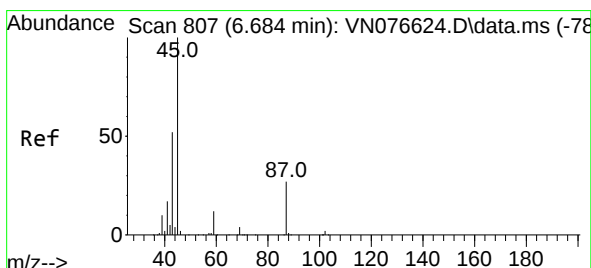
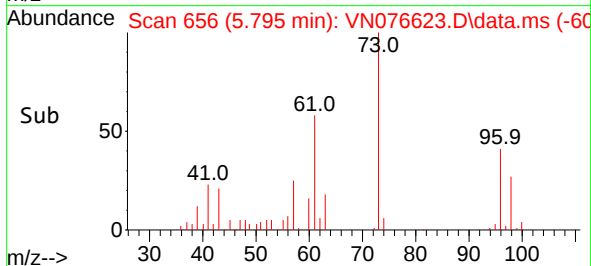
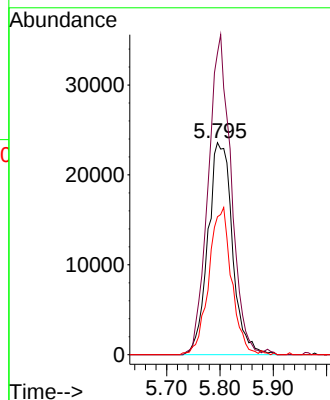
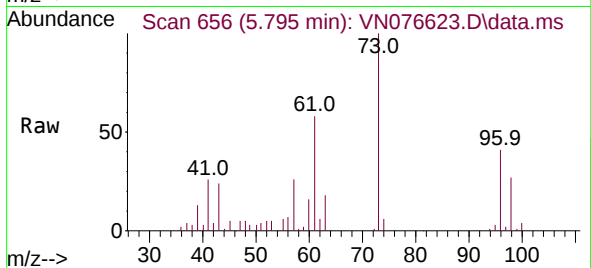
98 65.0 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#22

Diisopropyl ether

Concen: 28.733 ug/l

RT: 6.683 min Scan# 807

Delta R.T. 0.000 min

Lab File: VN076623.D

Acq: 13 Feb 2023 11:27

Tgt Ion: 45 Resp: 285281

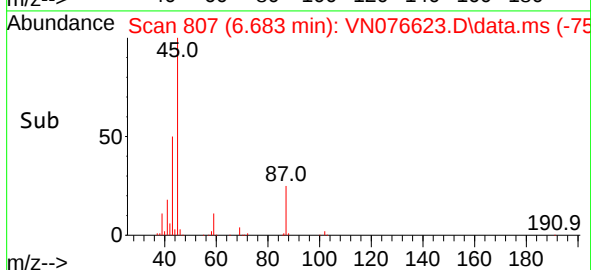
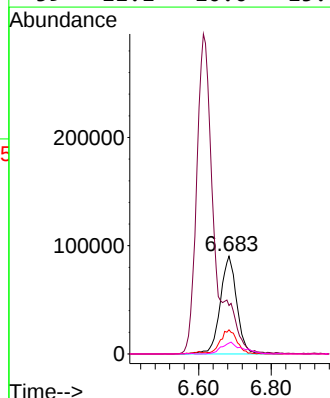
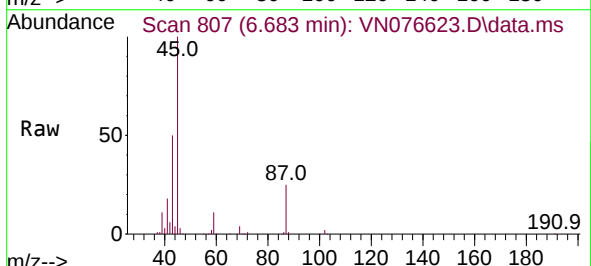
Ion Ratio Lower Upper

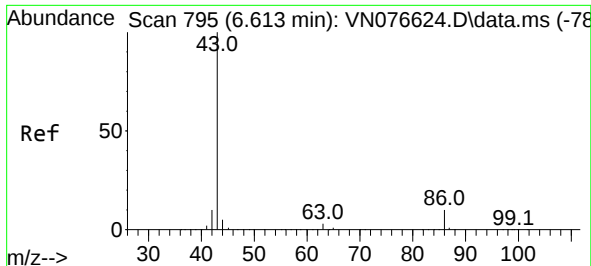
45 100

43 49.1 41.4 62.2

87 24.7 28.2 42.4#

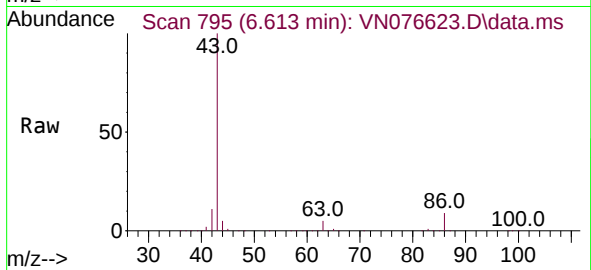
59 11.1 10.0 15.0





#23
 Vinyl Acetate
 Concen: 136.451 ug/l m
 RT: 6.613 min Scan# 795
 Delta R.T. -0.005 min
 Lab File: VN076623.D
 Acq: 13 Feb 2023 11:27

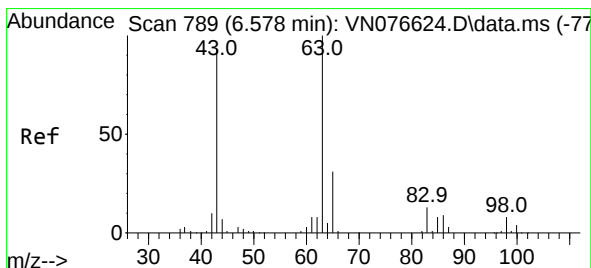
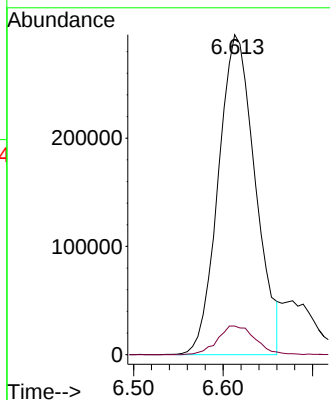
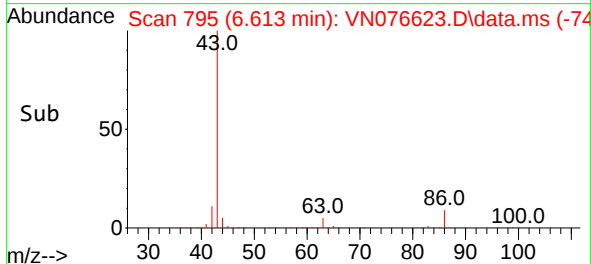
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



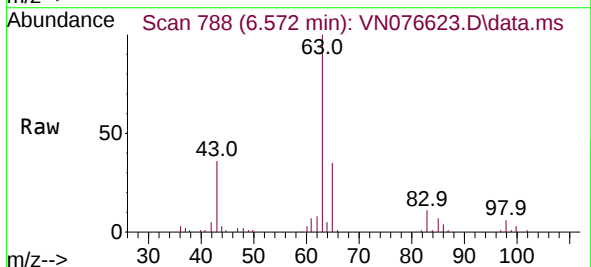
Tgt Ion: 43 Resp: 847699
 Ion Ratio Lower Upper
 43 100
 86 8.9 11.3 16.9

Manual Integrations
 APPROVED

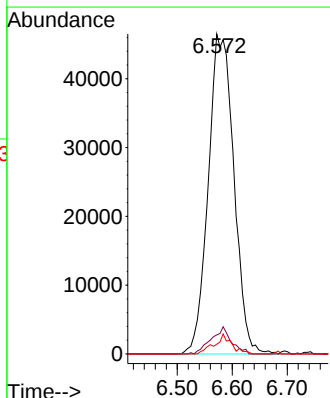
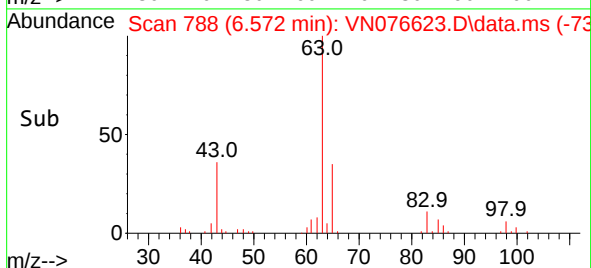
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023

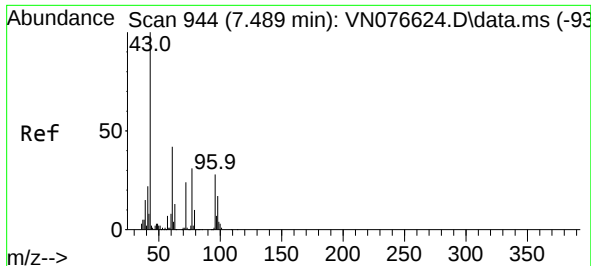


#24
 1,1-Dichloroethane
 Concen: 23.612 ug/l
 RT: 6.572 min Scan# 788
 Delta R.T. -0.011 min
 Lab File: VN076623.D
 Acq: 13 Feb 2023 11:27



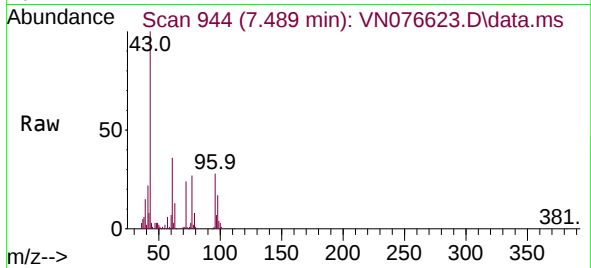
Tgt Ion: 63 Resp: 150541
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.8 11.4
 100 3.0 2.5 7.4





#25
2-Butanone
Concen: 165.314 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

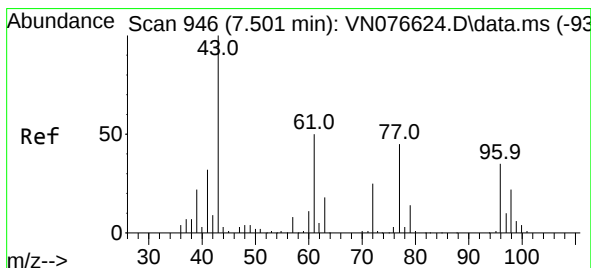
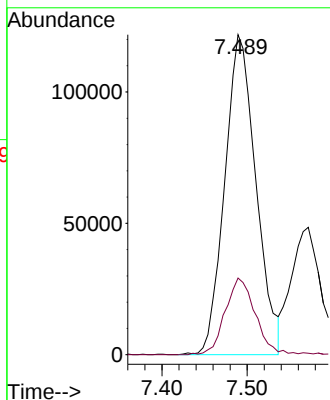
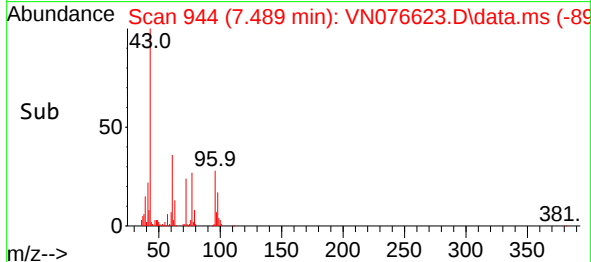
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



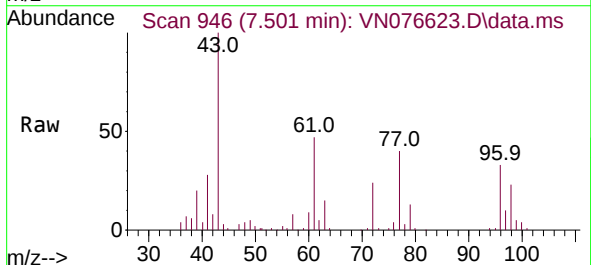
Tgt Ion: 43 Resp: 311025
Ion Ratio Lower Upper
43 100
72 23.9 25.1 37.75

Manual Integrations
APPROVED

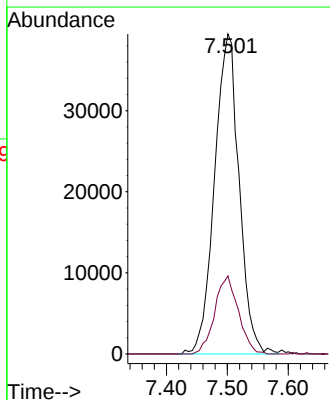
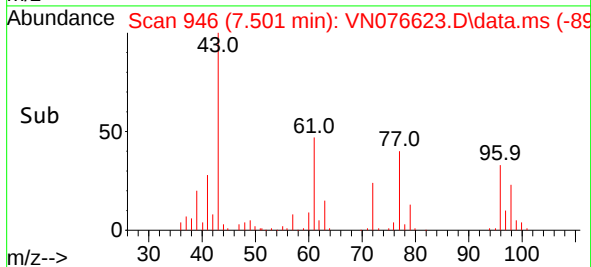
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

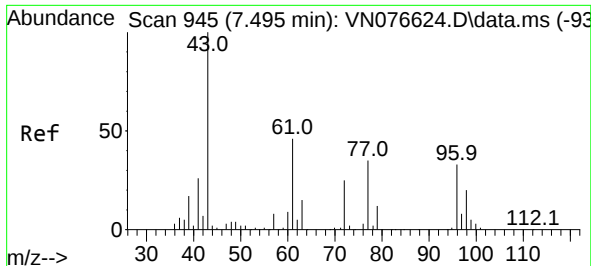


#26
2,2-Dichloropropane
Concen: 20.751 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.001 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27



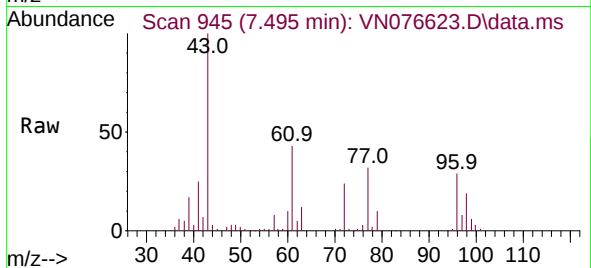
Tgt Ion: 77 Resp: 110439
Ion Ratio Lower Upper
77 100
97 23.4 11.7 35.0





#27
 cis-1,2-Dichloroethene
 Concen: 20.778 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.001 min
 Lab File: VN076623.D
 Acq: 13 Feb 2023 11:27

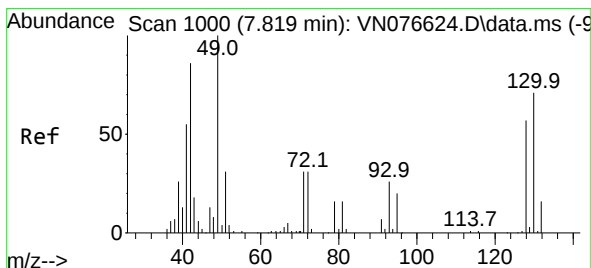
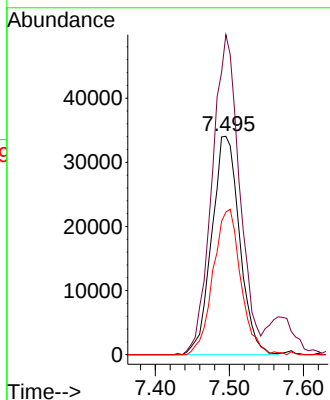
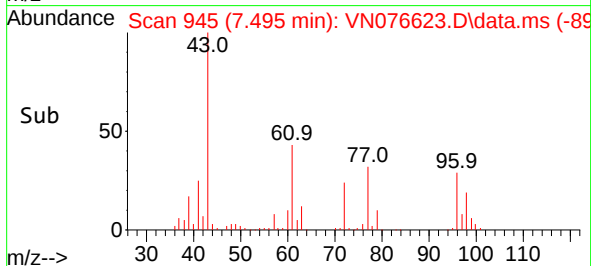
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



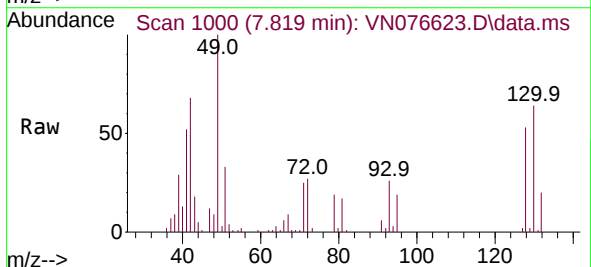
Tgt Ion: 96 Resp: 88834
 Ion Ratio Lower Upper
 96 100
 61 145.2 0.0 262.2
 98 66.4 0.0 128.6

Manual Integrations
 APPROVED

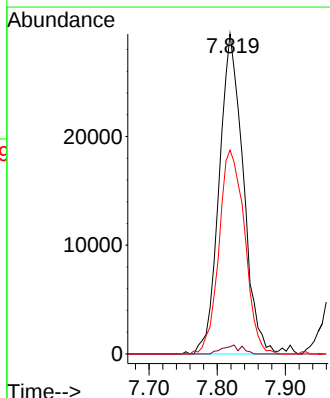
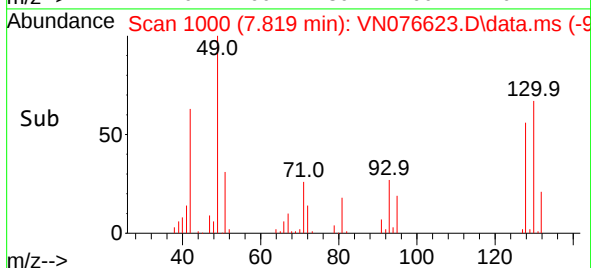
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023



#28
 Bromochloromethane
 Concen: 28.222 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.005 min
 Lab File: VN076623.D
 Acq: 13 Feb 2023 11:27



Tgt Ion: 49 Resp: 72095
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 68.0 74.3 111.5#





#29

Tetrahydrofuran

Concen: 169.590 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. -0.005 min

Lab File: VN076623.D

Acq: 13 Feb 2023 11:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 205064

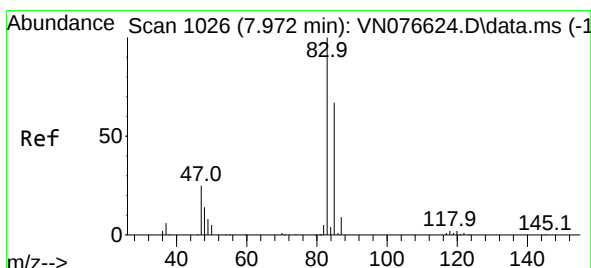
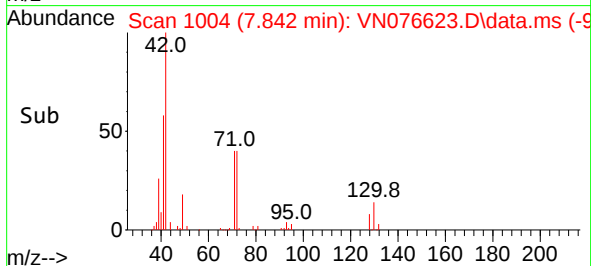
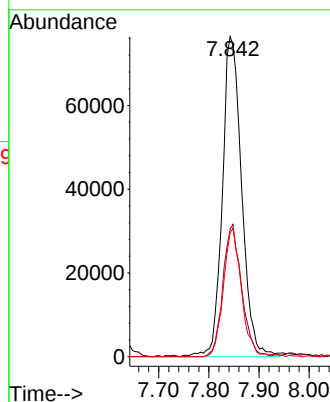
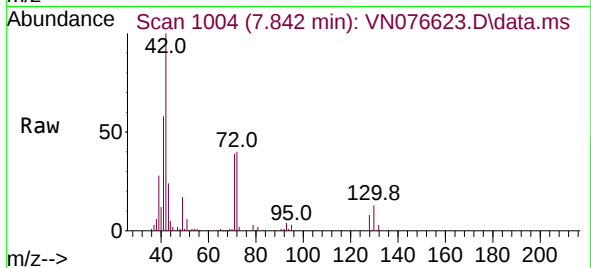
Ion	Ratio	Lower	Upper
42	100		
72	39.7	42.9	64.3
71	37.6	39.9	59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#30

Chloroform

Concen: 21.881 ug/l

RT: 7.972 min Scan# 1026

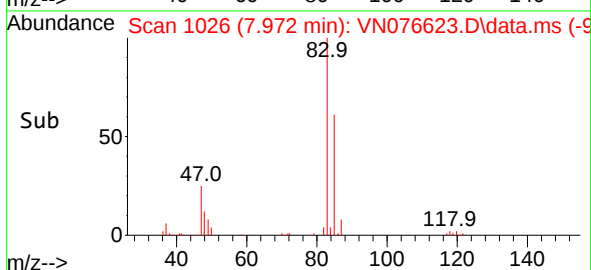
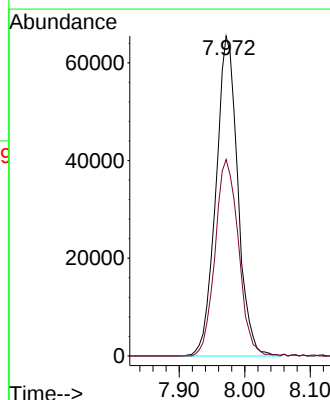
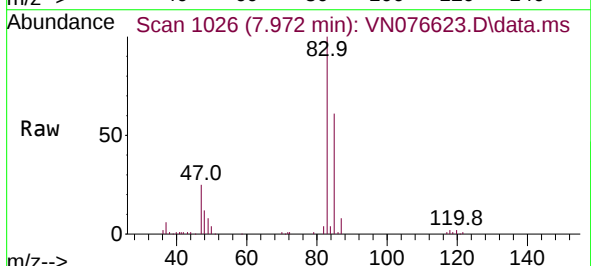
Delta R.T. 0.001 min

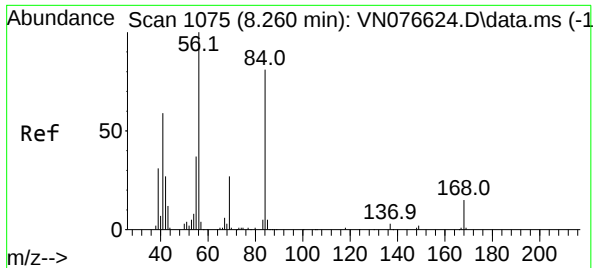
Lab File: VN076623.D

Acq: 13 Feb 2023 11:27

Tgt Ion: 83 Resp: 151337

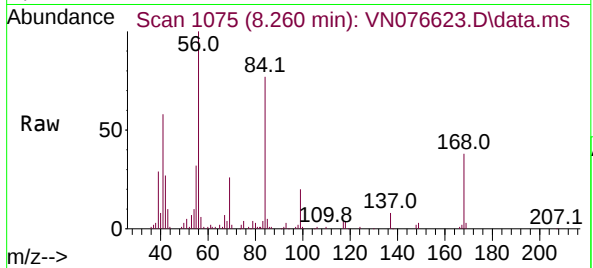
Ion	Ratio	Lower	Upper
83	100		
85	61.4	52.5	78.7





#31
Cyclohexane
Concen: 22.709 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.005 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

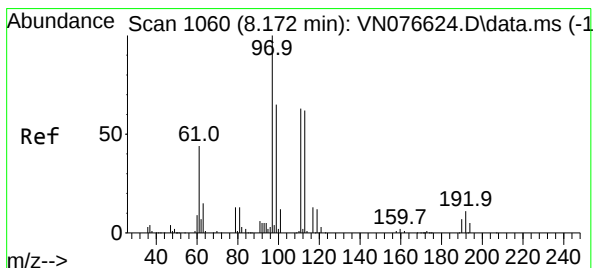
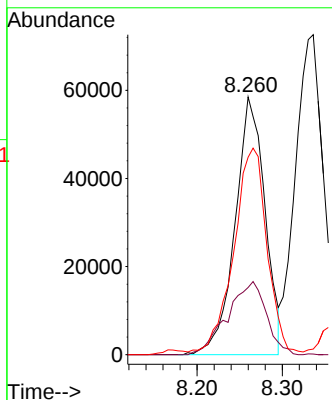
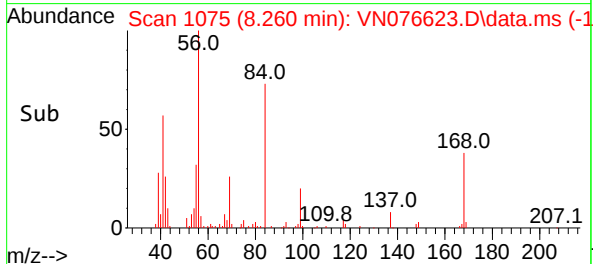
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



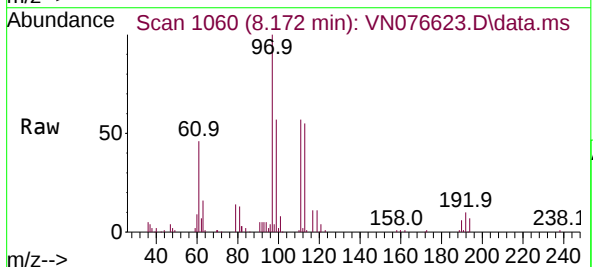
Tgt Ion: 56 Resp: 142497
Ion Ratio Lower Upper
56 100
69 26.1 27.0 40.4
84 75.1 79.5 119.3

Manual Integrations
APPROVED

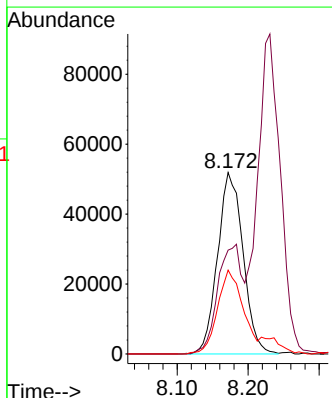
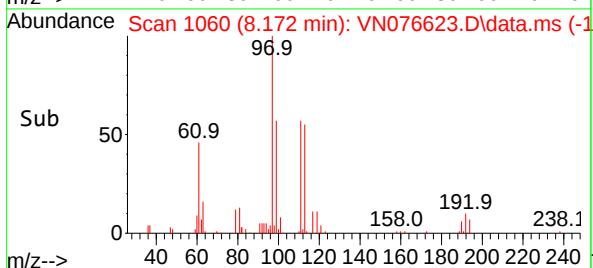
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

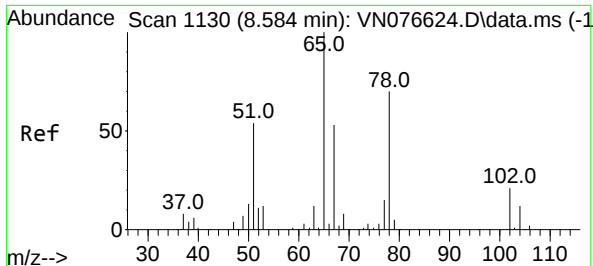


#32
1,1,1-Trichloroethane
Concen: 20.833 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.005 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27



Tgt Ion: 97 Resp: 129111
Ion Ratio Lower Upper
97 100
99 58.6 53.5 80.3
61 48.8 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 22.660 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN076623.D

Acq: 13 Feb 2023 11:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 89964

Ion Ratio Lower Upper

65 100

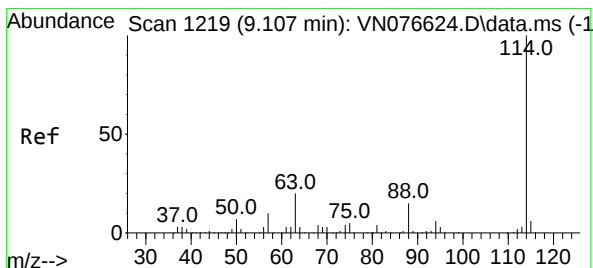
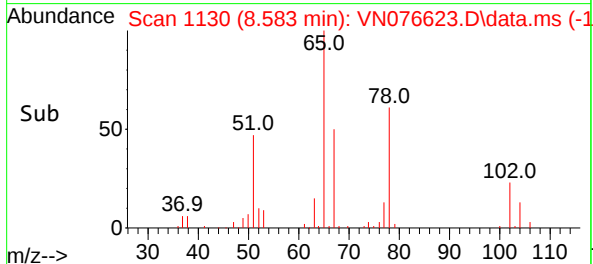
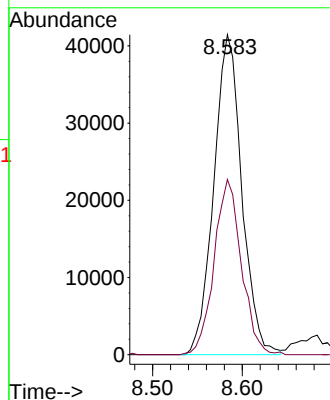
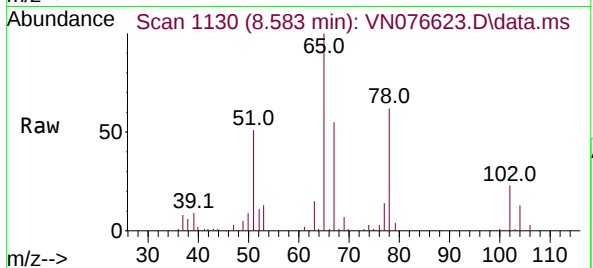
67 53.2 0.0 105.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.001 min

Lab File: VN076623.D

Acq: 13 Feb 2023 11:27

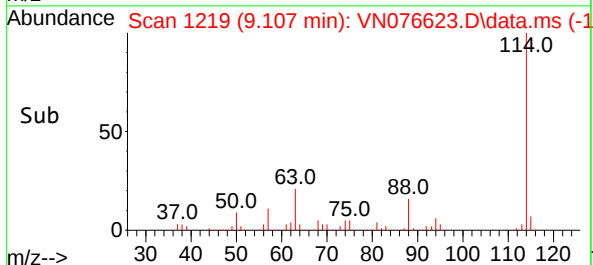
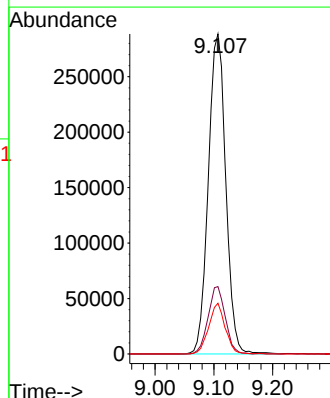
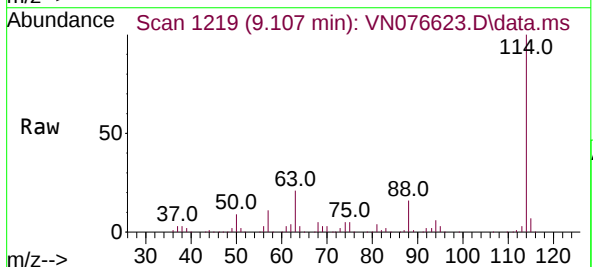
Tgt Ion:114 Resp: 594818

Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.6

88 15.9 0.0 32.0





#35

Dibromofluoromethane

Concen: 19.820 ug/l

RT: 8.166 min Scan# 1059

Delta R.T. -0.005 min

Lab File: VN076623.D

Acq: 13 Feb 2023 11:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 113 Resp: 73280

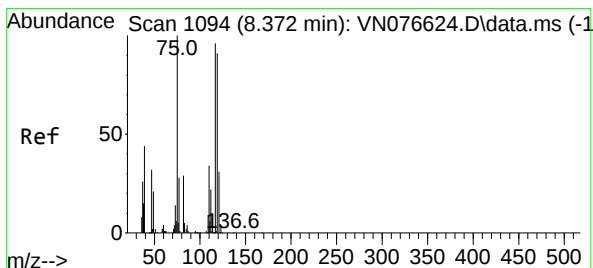
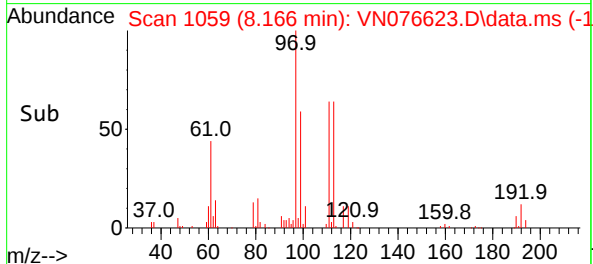
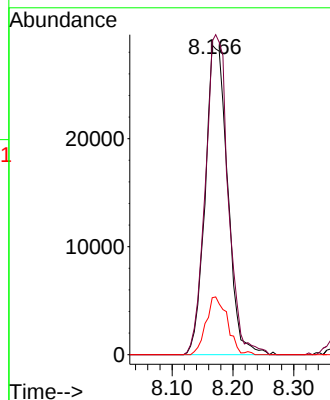
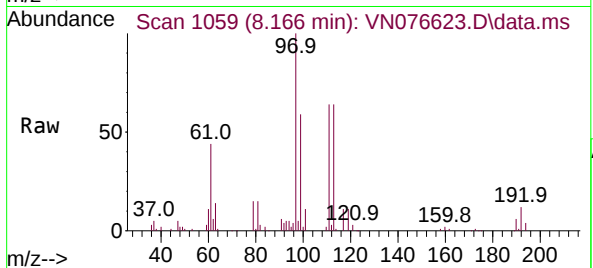
Ion	Ratio	Lower	Upper
113	100		
111	105.2	82.0	123.0
192	17.7	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#36

1,1-Dichloropropene

Concen: 21.090 ug/l

RT: 8.377 min Scan# 1095

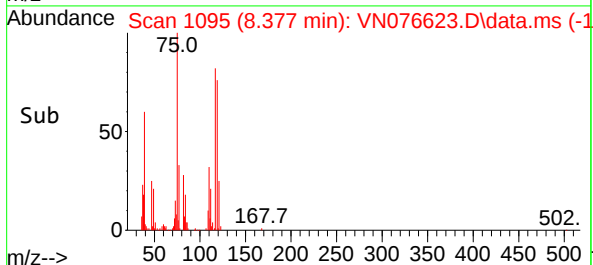
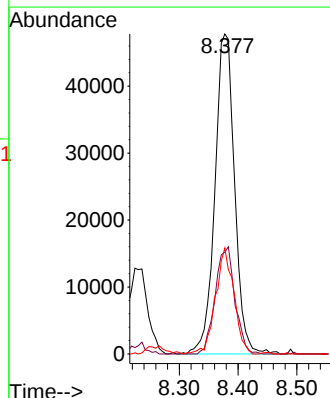
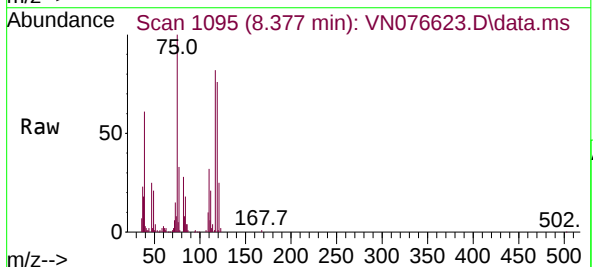
Delta R.T. 0.000 min

Lab File: VN076623.D

Acq: 13 Feb 2023 11:27

Tgt Ion: 75 Resp: 111340

Ion	Ratio	Lower	Upper
75	100		
110	33.4	18.6	55.6
77	30.9	25.1	37.7





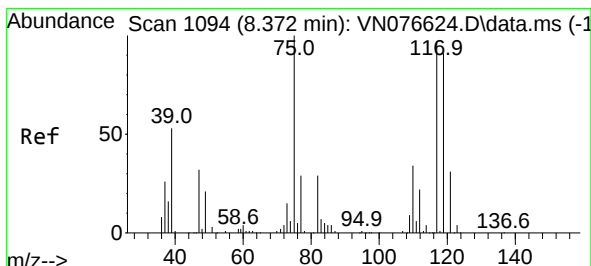
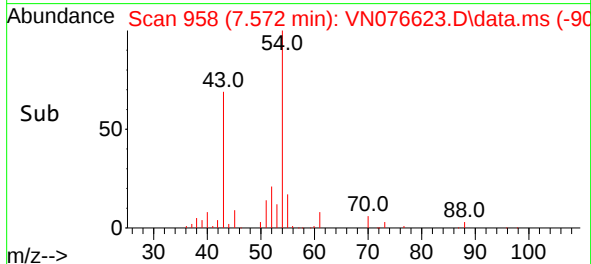
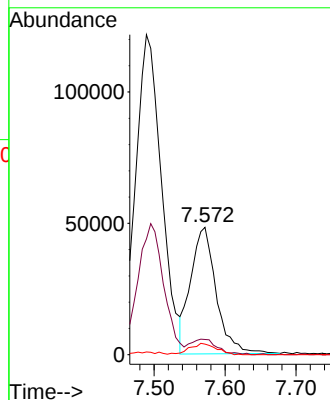
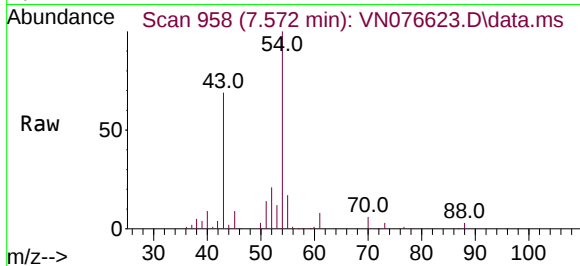
#37
Ethyl Acetate
Concen: 30.549 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.001 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 120829
Ion Ratio Lower Upper
43 100
61 12.8 11.8 17.6
70 9.3 10.4 15.6

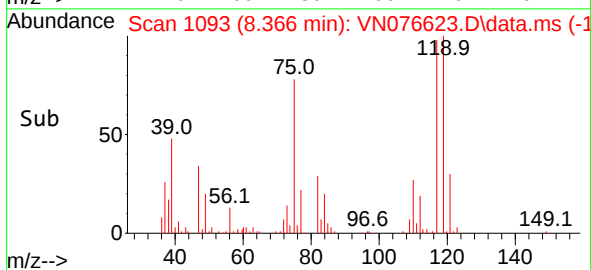
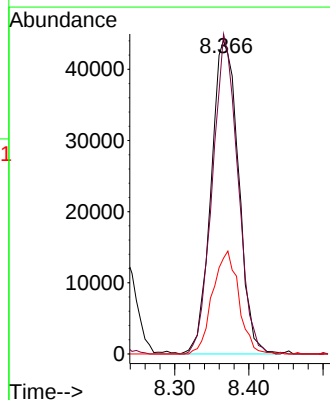
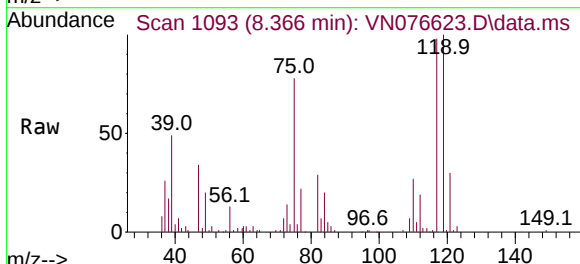
Manual Integrations
APPROVED

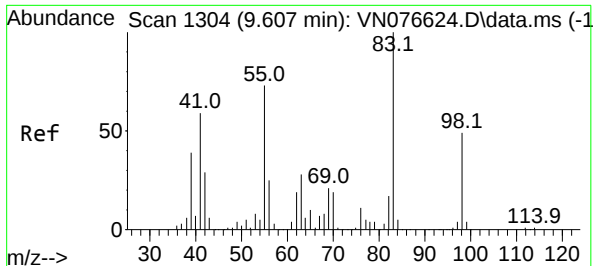
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#38
Carbon Tetrachloride
Concen: 19.885 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. 0.001 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

Tgt Ion:117 Resp: 112871
Ion Ratio Lower Upper
117 100
119 102.0 77.2 115.8
121 30.5 23.9 35.9





#39
Methylcyclohexane
Concen: 20.276 ug/l
RT: 9.607 min Scan# 11304
Delta R.T. 0.001 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

Instrument :

MSVOA_N

ClientSampleId :

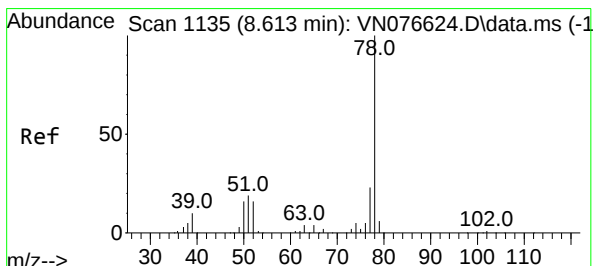
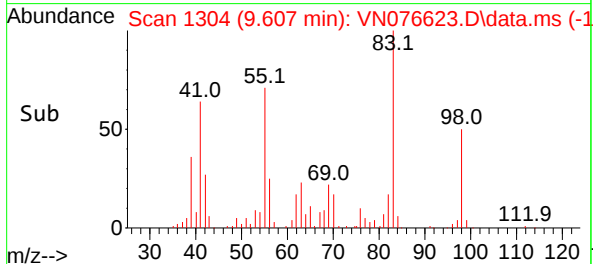
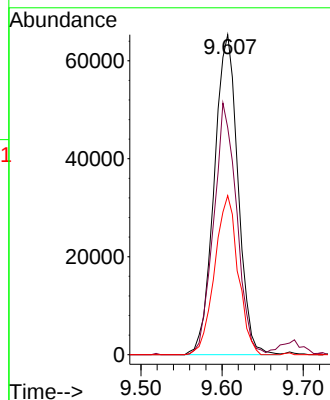
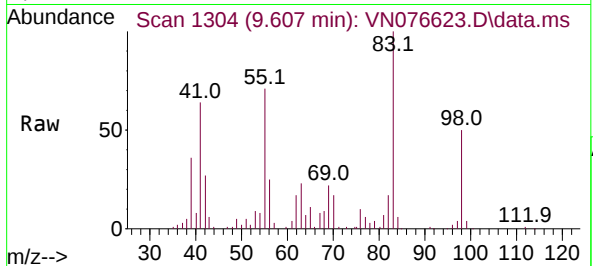
VSTDICC020

Tgt Ion: 83 Resp: 132939
Ion Ratio Lower Upper
83 100
55 71.0 53.8 80.6
98 49.7 39.0 58.6

Manual Integrations

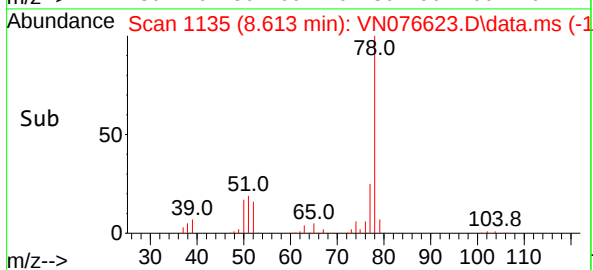
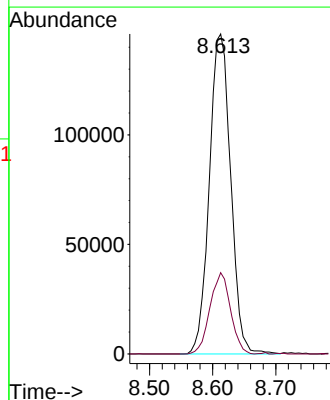
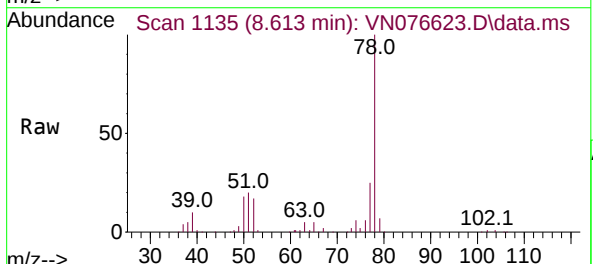
APPROVED

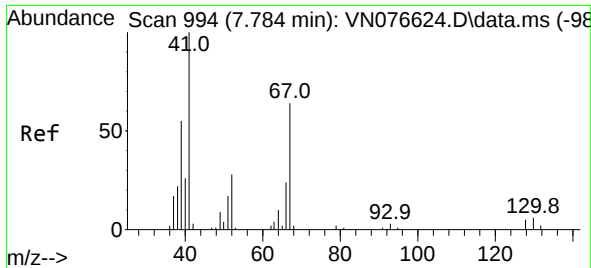
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#40
Benzene
Concen: 21.417 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.001 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

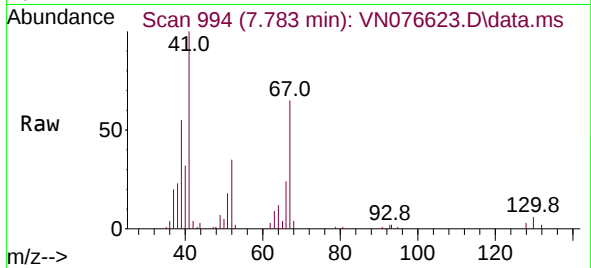
Tgt Ion: 78 Resp: 342738
Ion Ratio Lower Upper
78 100
77 25.4 18.6 27.8





#41
Methacrylonitrile
Concen: 29.792 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

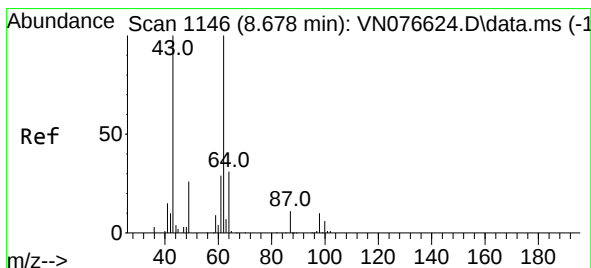
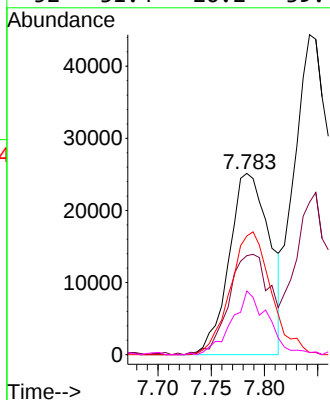
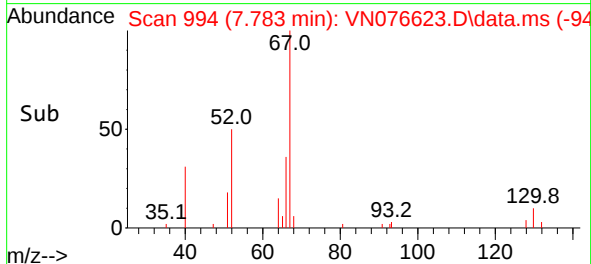
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 41 Resp: 66719
Ion Ratio Lower Upper
41 100
39 56.2 41.3 61.9
67 67.8 69.6 104.4
52 31.4 26.2 39.4

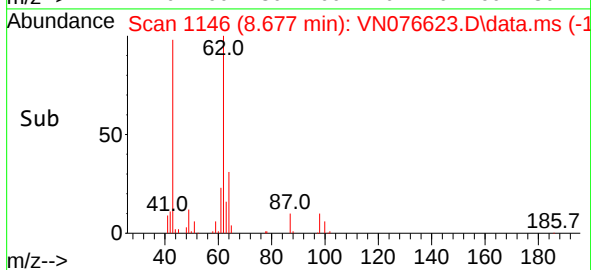
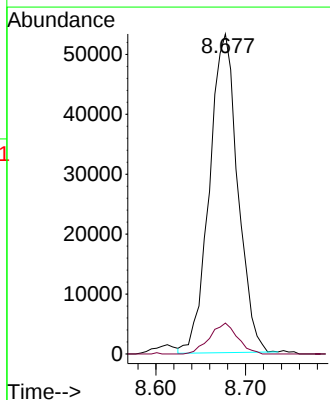
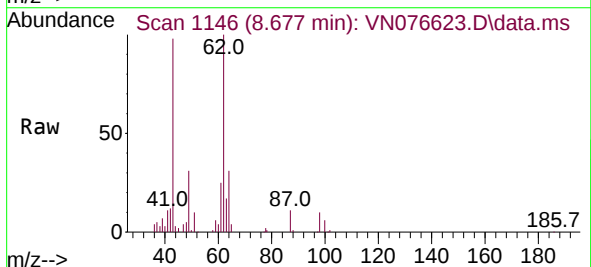
Manual Integrations
APPROVED

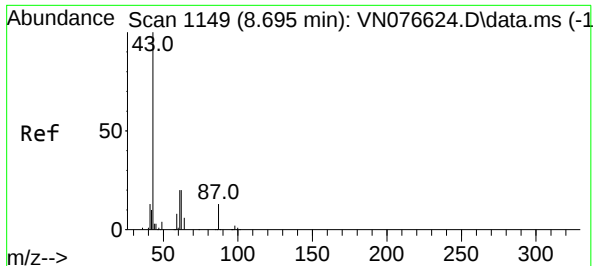
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#42
1,2-Dichloroethane
Concen: 22.421 ug/l
RT: 8.677 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

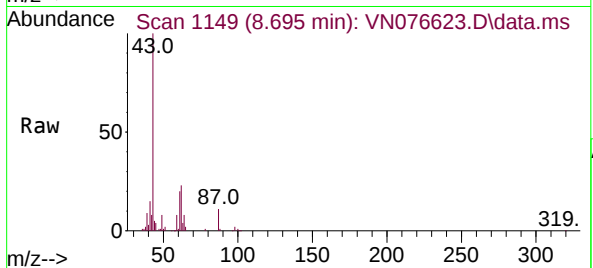
Tgt Ion: 62 Resp: 116821
Ion Ratio Lower Upper
62 100
98 9.5 0.0 21.6





#43
Isopropyl Acetate
Concen: 30.319 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.001 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

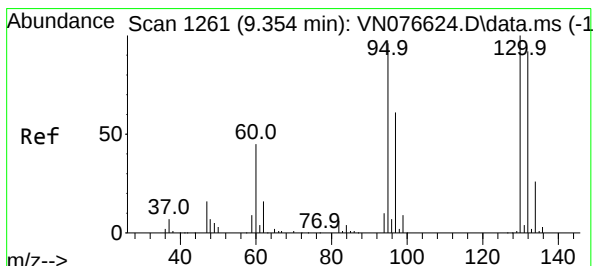
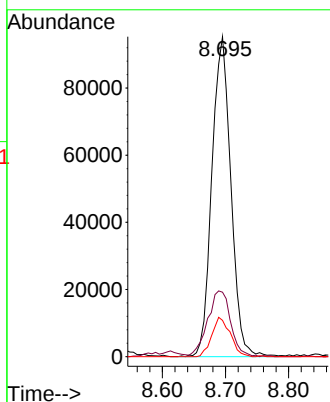
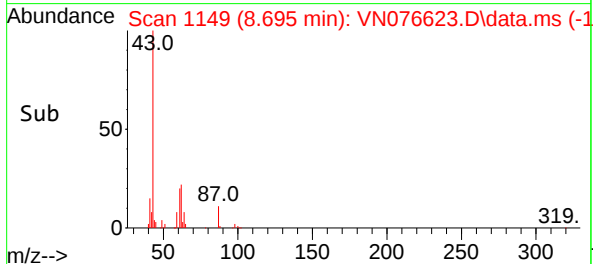
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



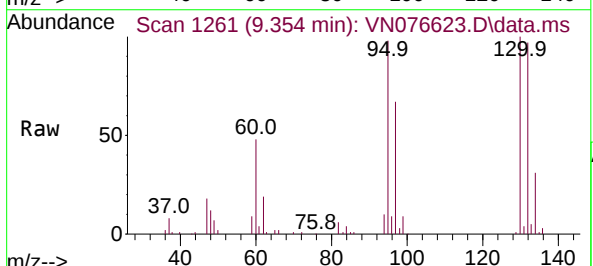
Tgt Ion: 43 Resp: 19954
Ion Ratio Lower Upper
43 100
61 24.8 24.5 36.7
87 11.9 13.6 20.4

Manual Integrations
APPROVED

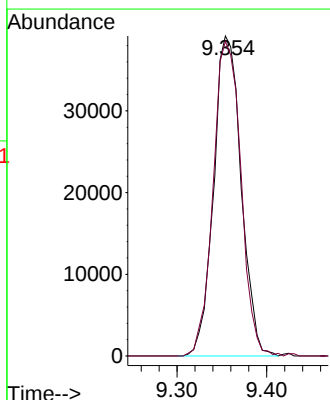
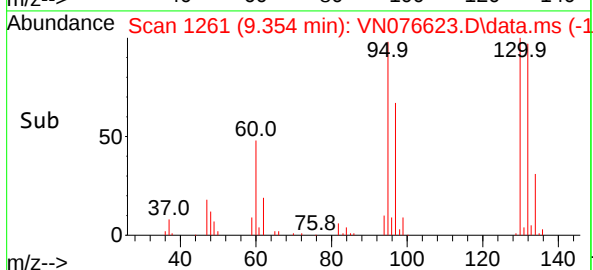
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

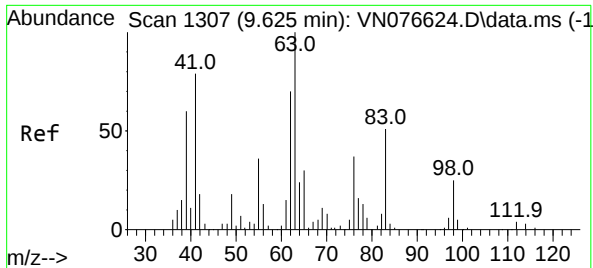


#44
Trichloroethene
Concen: 19.485 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.005 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27



Tgt Ion:130 Resp: 83270
Ion Ratio Lower Upper
130 100
95 98.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 23.250 ug/l

RT: 9.624 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VN076623.D

Acq: 13 Feb 2023 11:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 89360

Ion Ratio Lower Upper

63 100

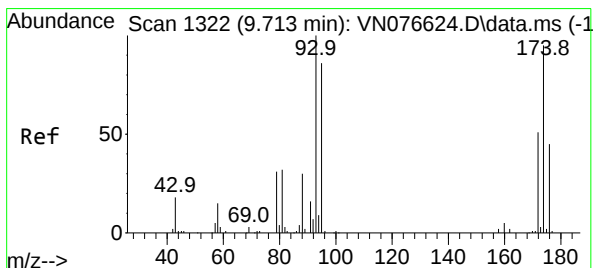
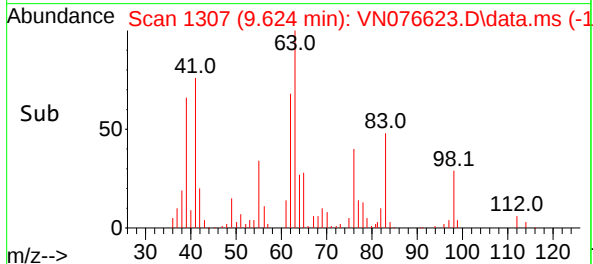
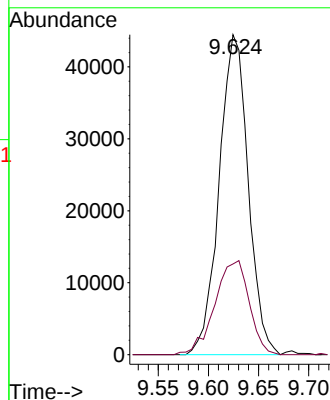
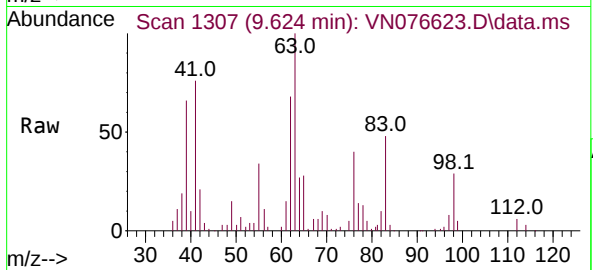
65 28.4 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#46

Dibromomethane

Concen: 20.662 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.001 min

Lab File: VN076623.D

Acq: 13 Feb 2023 11:27

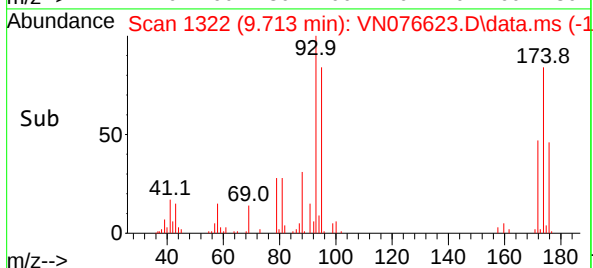
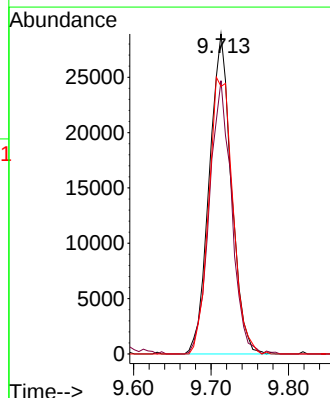
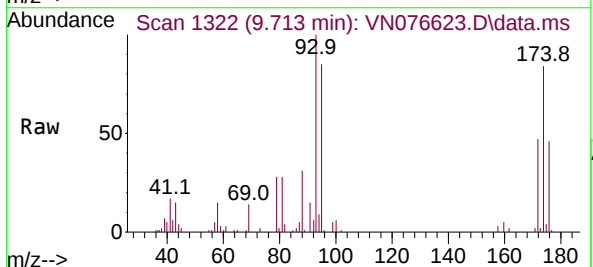
Tgt Ion: 93 Resp: 57289

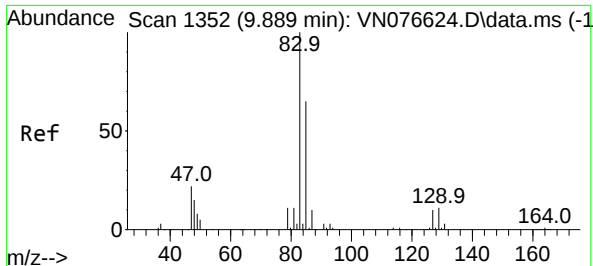
Ion Ratio Lower Upper

93 100

95 85.3 68.0 102.0

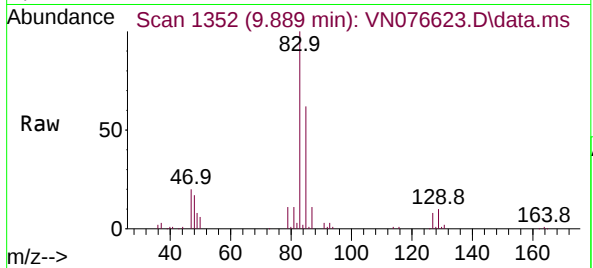
174 93.9 80.9 121.3





#47
Bromodichloromethane
Concen: 21.365 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.001 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

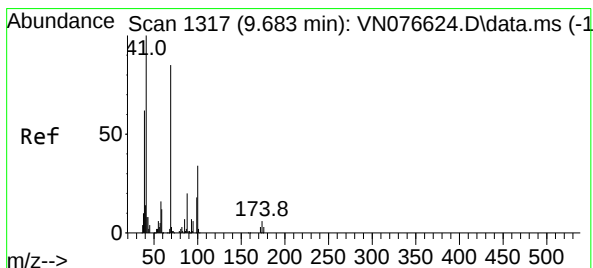
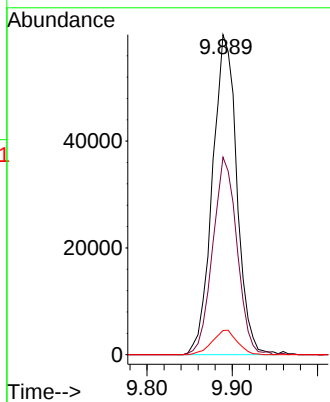
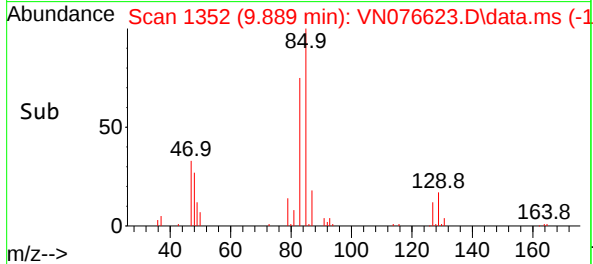
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 83 Resp: 119124
Ion Ratio Lower Upper
83 100
85 61.7 50.7 76.1
127 7.6 7.0 10.6

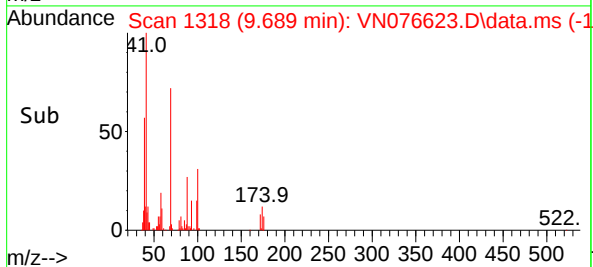
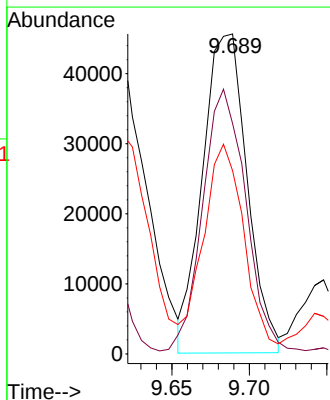
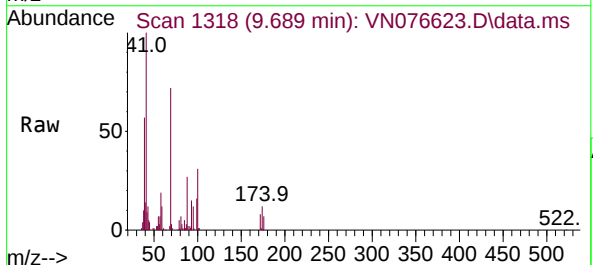
Manual Integrations
APPROVED

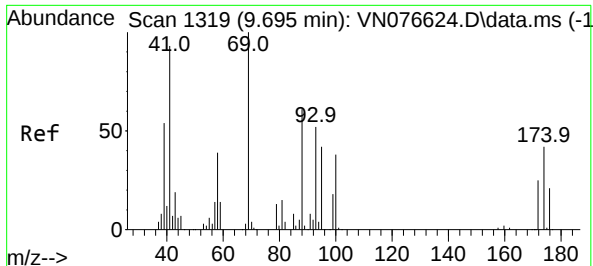
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#48
Methyl methacrylate
Concen: 28.163 ug/l
RT: 9.689 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

Tgt Ion: 41 Resp: 91158
Ion Ratio Lower Upper
41 100
69 79.4 83.0 124.4#
39 59.7 43.8 65.8





#49

1,4-Dioxane

Concen: 463.110 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. -0.005 min

Lab File: VN076623.D

Acq: 13 Feb 2023 11:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 32060

Ion Ratio Lower Upper

88 100

43 31.7 16.7 25.1

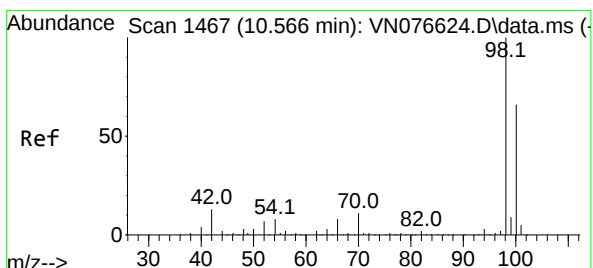
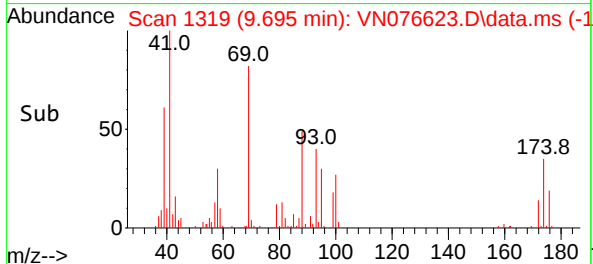
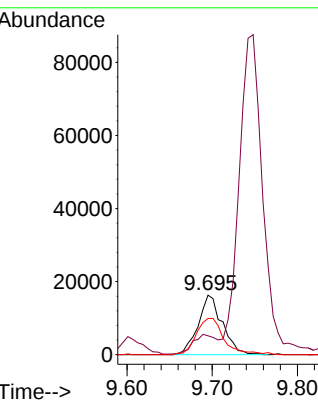
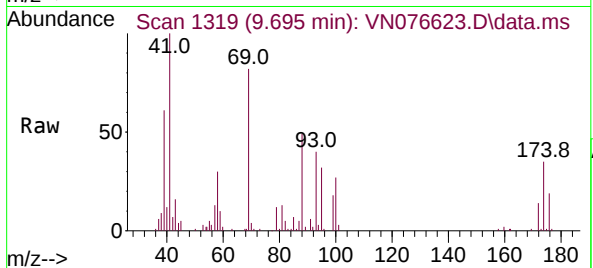
58 70.0 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#50

Toluene-d8

Concen: 20.571 ug/l

RT: 10.571 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VN076623.D

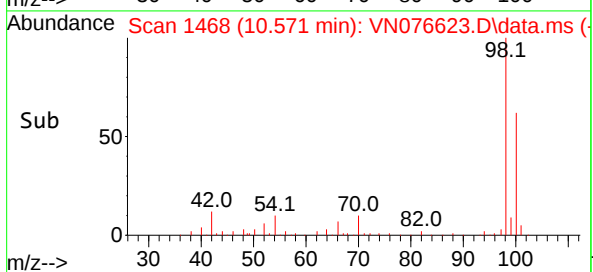
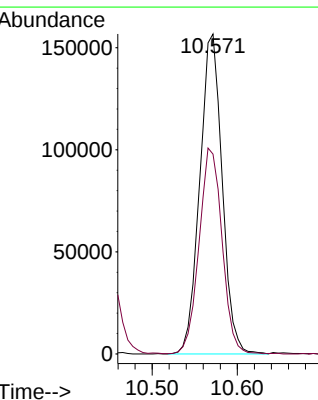
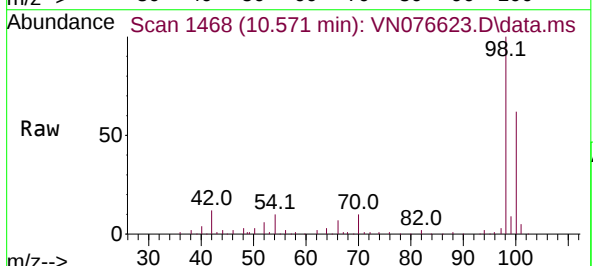
Acq: 13 Feb 2023 11:27

Tgt Ion: 98 Resp: 286153

Ion Ratio Lower Upper

98 100

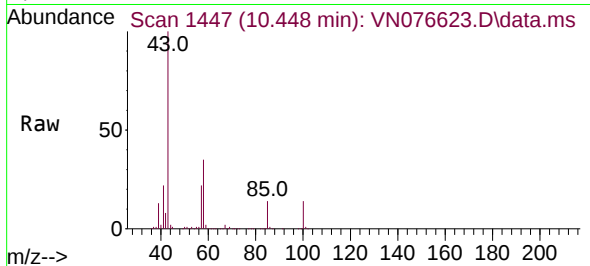
100 65.7 52.9 79.3





#51
4-Methyl-2-Pentanone
Concen: 161.972 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.001 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

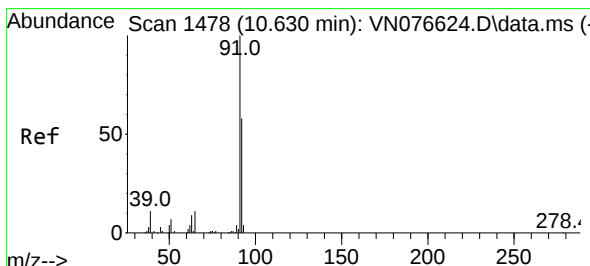
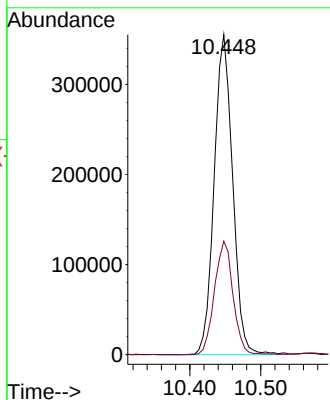
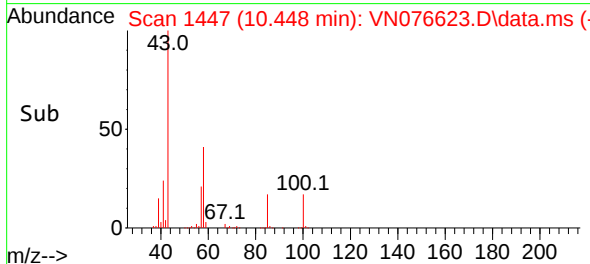
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



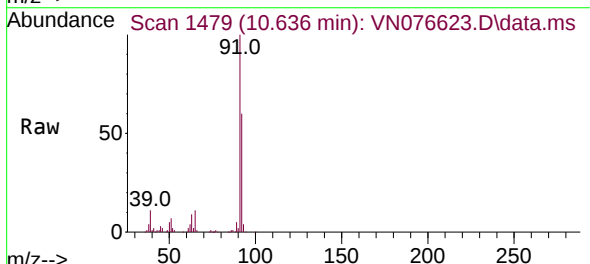
Tgt Ion: 43 Resp: 64068
Ion Ratio Lower Upper
43 100
58 35.7 36.4 54.6

Manual Integrations
APPROVED

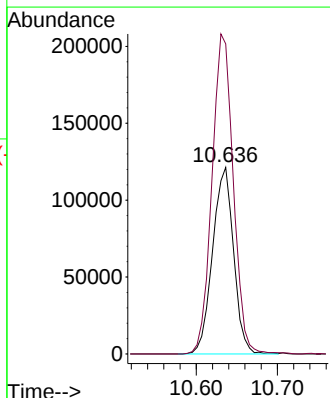
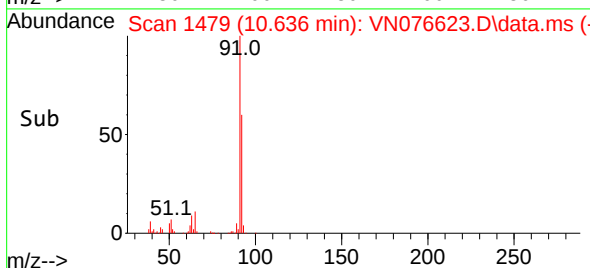
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

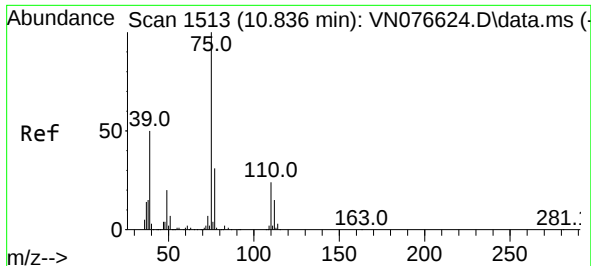


#52
Toluene
Concen: 21.151 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.001 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27



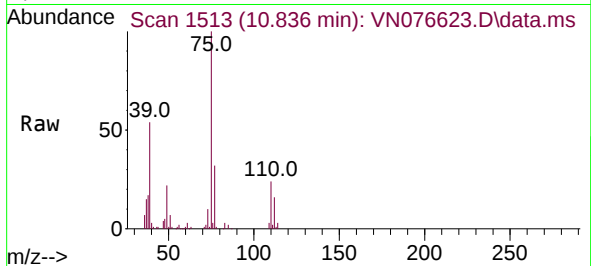
Tgt Ion: 92 Resp: 218443
Ion Ratio Lower Upper
92 100
91 173.8 136.3 204.5





#53
t-1,3-Dichloropropene
Concen: 21.153 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.001 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

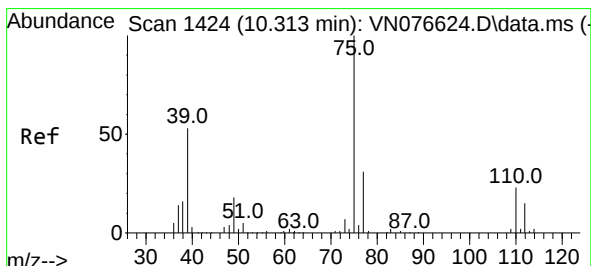
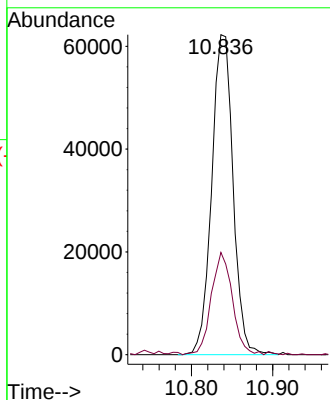
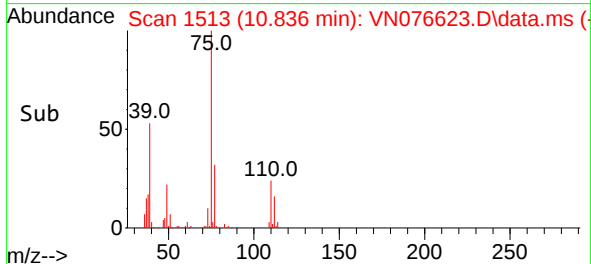
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 113950
Ion Ratio Lower Upper
75 100
77 31.7 24.5 36.7

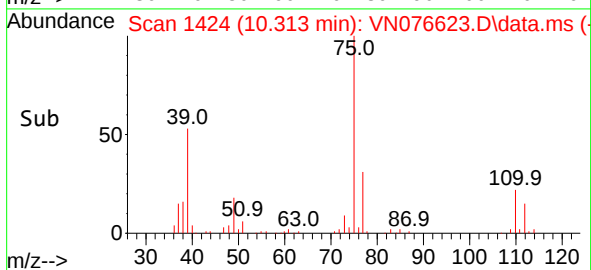
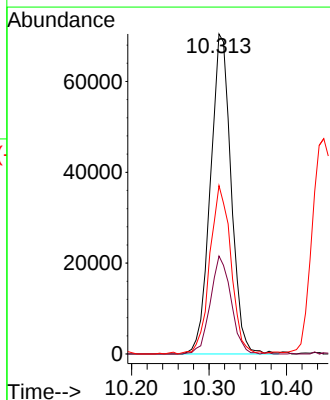
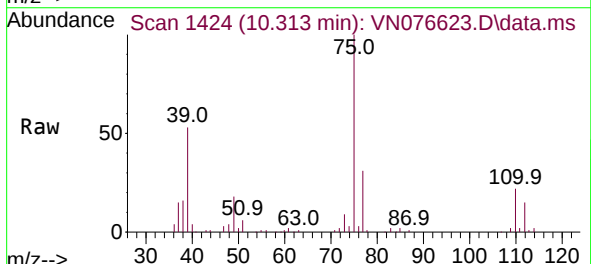
Manual Integrations
APPROVED

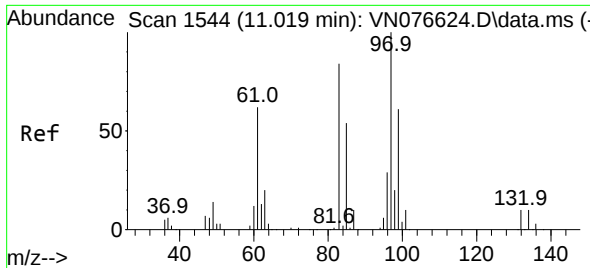
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#54
cis-1,3-Dichloropropene
Concen: 21.252 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.005 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

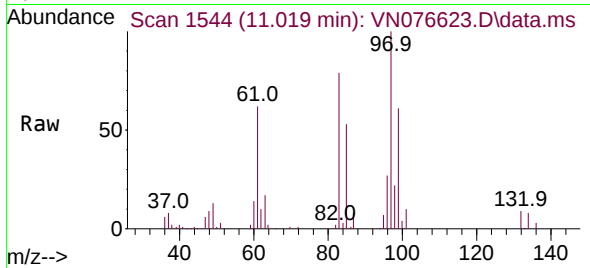
Tgt Ion: 75 Resp: 130560
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.0
39 52.6 31.1 46.7#





#55
1,1,2-Trichloroethane
Concen: 21.050 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

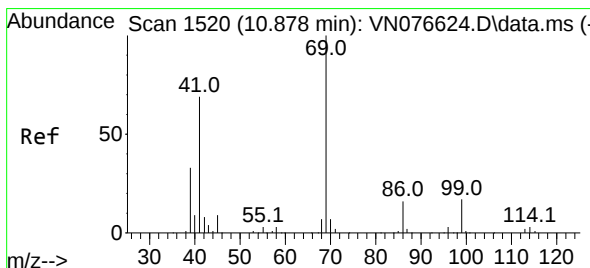
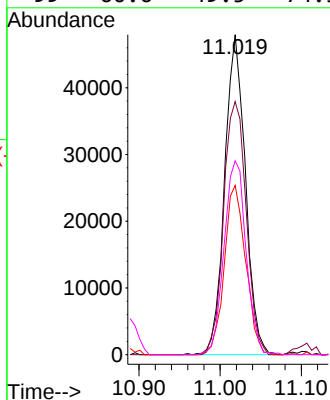
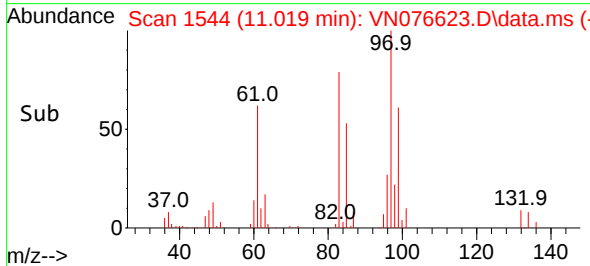
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



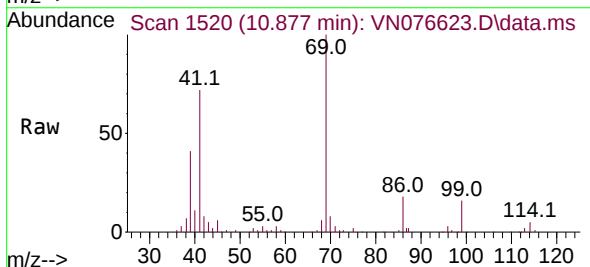
Tgt Ion	Ratio	Lower	Upper
97	100		
83	79.1	67.5	101.3
85	52.9	43.0	64.6
99	60.6	49.5	74.3

Manual Integrations
APPROVED

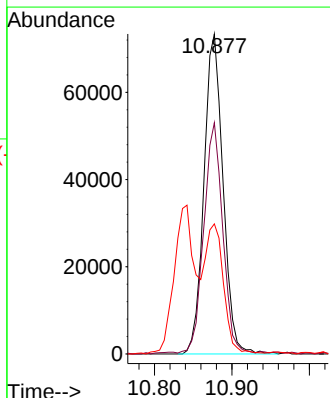
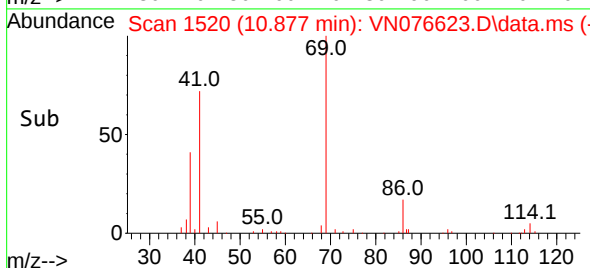
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#56
Ethyl methacrylate
Concen: 23.151 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27



Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.7	43.5	65.3#
39	38.0	21.3	31.9#





#57

1,3-Dichloropropane

Concen: 22.608 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. 0.001 min

Lab File: VN076623.D

Acq: 13 Feb 2023 11:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 148030

Ion Ratio Lower Upper

76 100

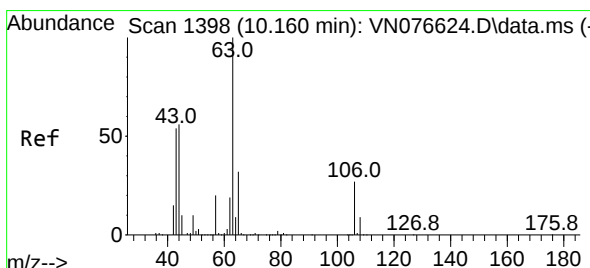
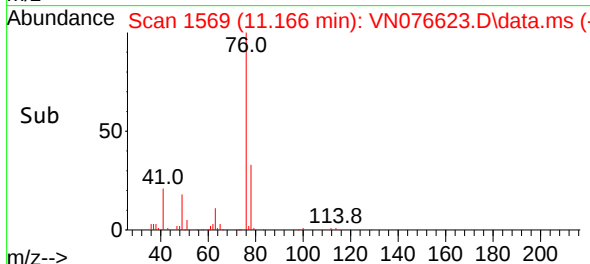
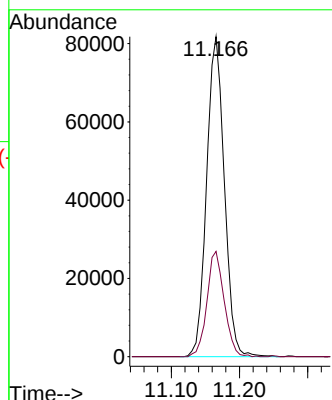
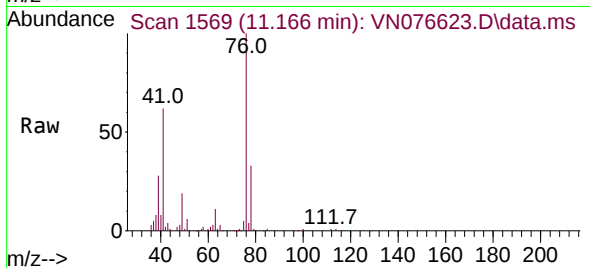
78 32.0 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#58

2-Chloroethyl Vinyl ether

Concen: 186.209 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.001 min

Lab File: VN076623.D

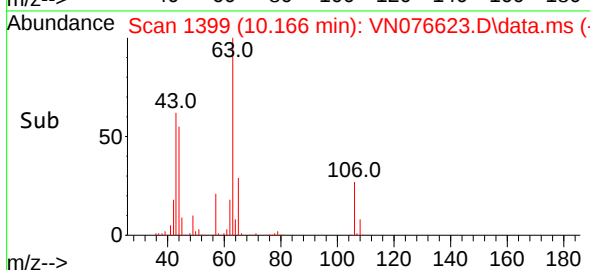
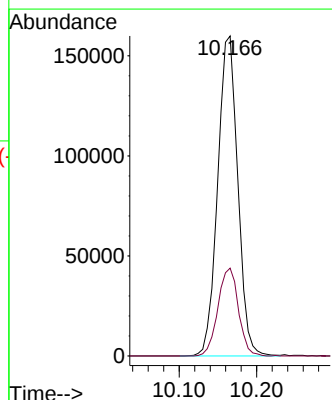
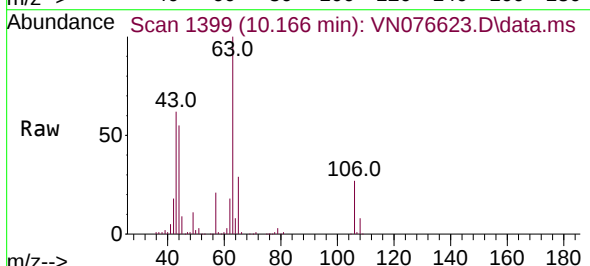
Acq: 13 Feb 2023 11:27

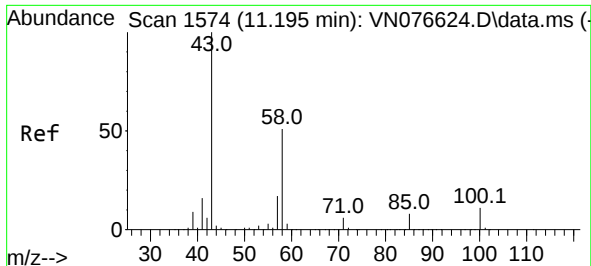
Tgt Ion: 63 Resp: 288082

Ion Ratio Lower Upper

63 100

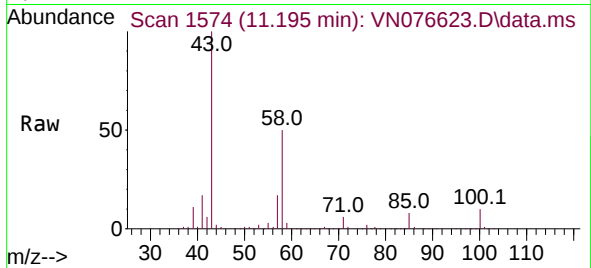
106 28.0 25.6 38.4





#59
2-Hexanone
Concen: 165.071 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.005 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

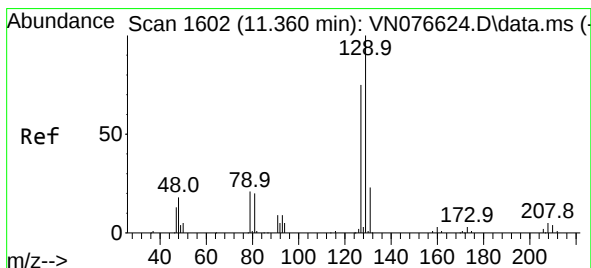
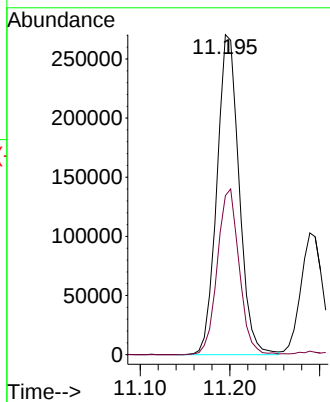
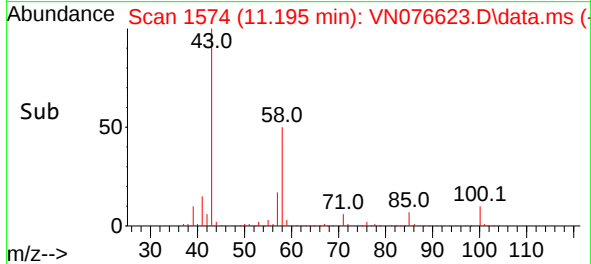
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



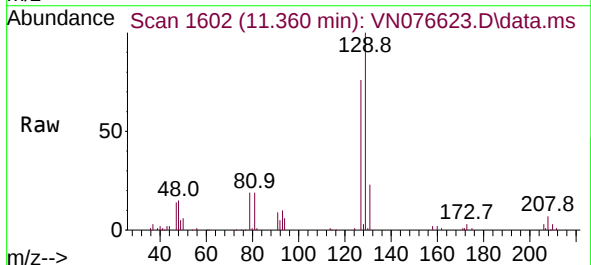
Tgt Ion: 43 Resp: 465490
Ion Ratio Lower Upper
43 100
58 50.9 31.8 95.4

Manual Integrations
APPROVED

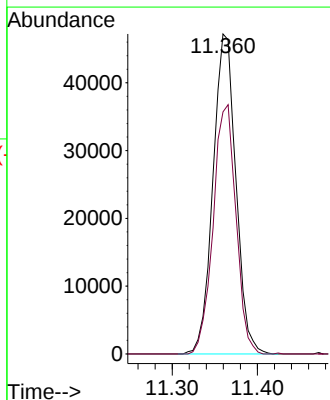
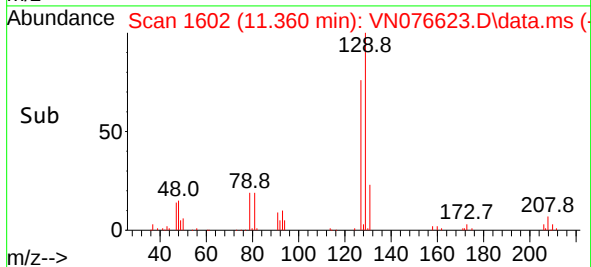
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

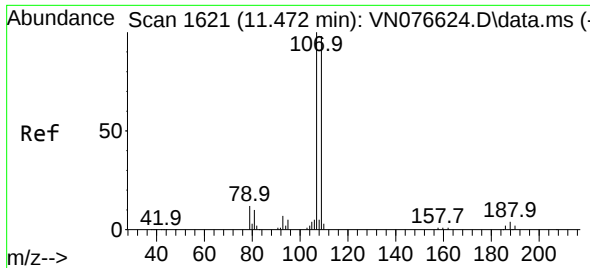


#60
Dibromochloromethane
Concen: 20.682 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.005 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27



Tgt Ion:129 Resp: 88166
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.7





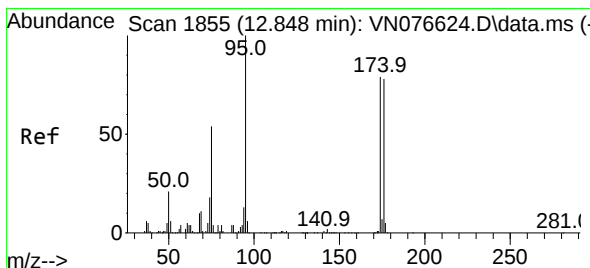
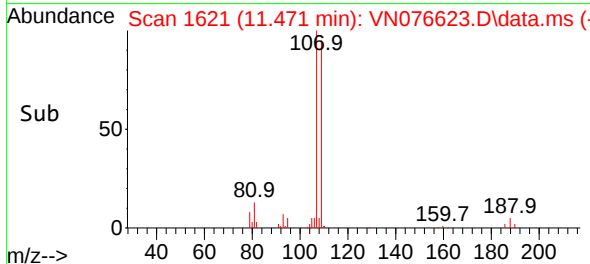
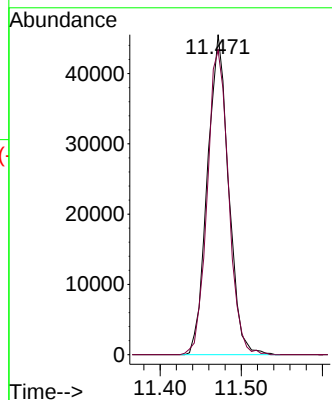
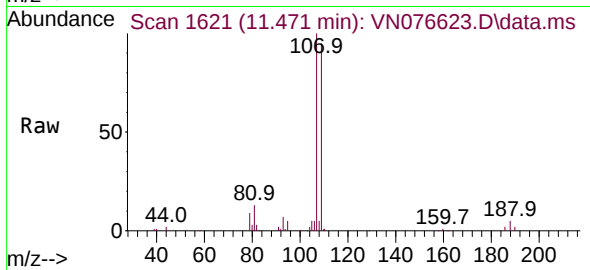
#61
1,2-Dibromoethane
Concen: 20.593 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 82450
Ion Ratio Lower Upper
107 100
109 95.8 75.4 113.0

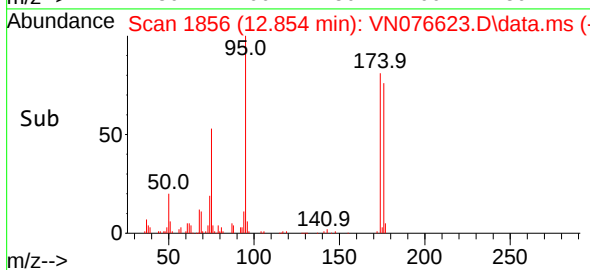
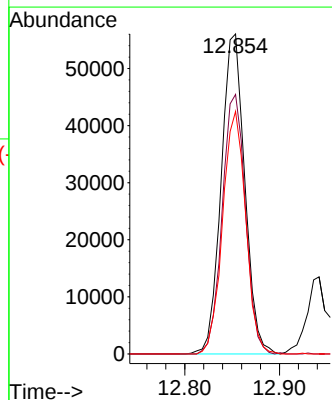
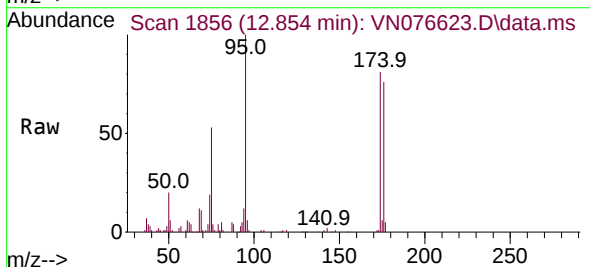
Manual Integrations
APPROVED

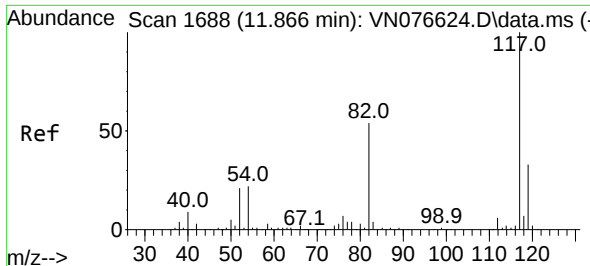
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#62
4-Bromofluorobenzene
Concen: 19.786 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.001 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

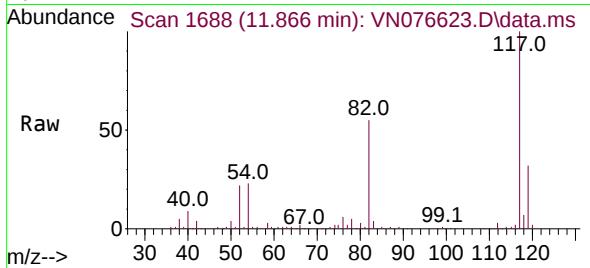
Tgt Ion: 95 Resp: 96962
Ion Ratio Lower Upper
95 100
174 79.9 0.0 154.0
176 74.3 0.0 152.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

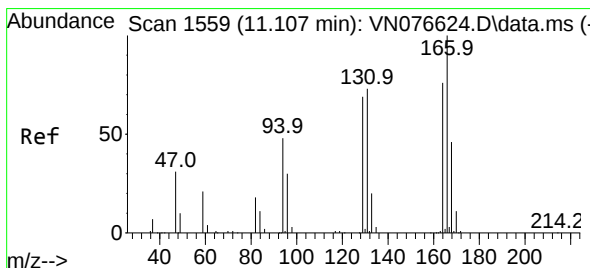
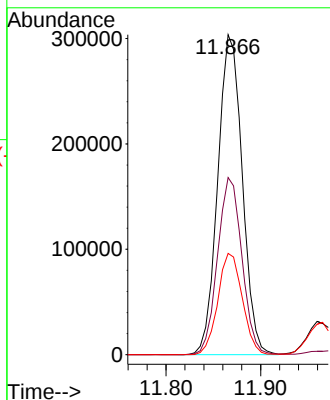
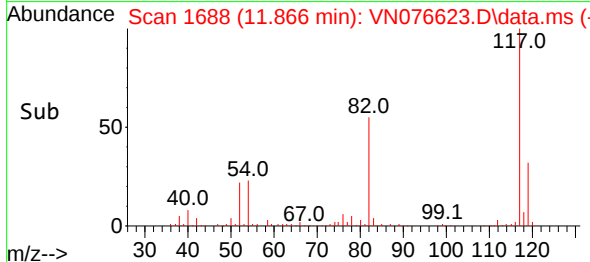
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



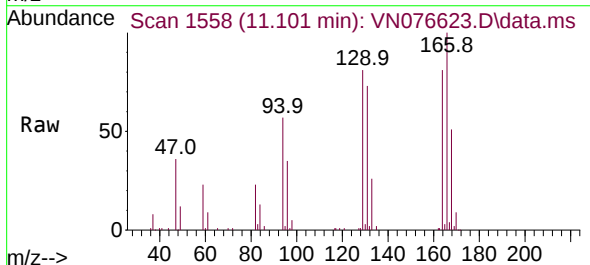
Tgt Ion:117 Resp: 546580
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.4
119 31.7 25.1 37.7

Manual Integrations
APPROVED

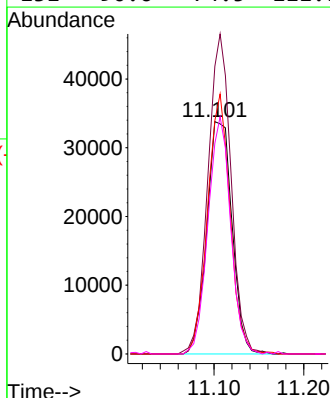
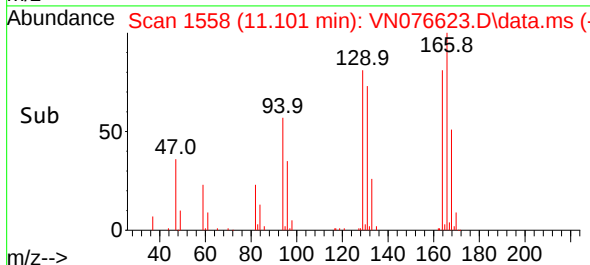
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

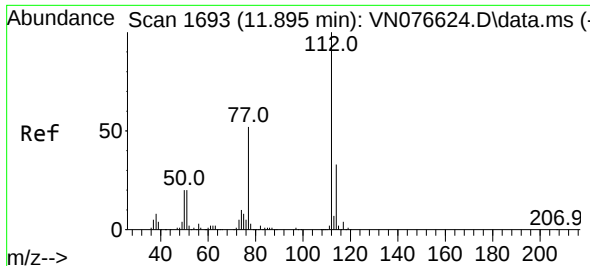


#64
Tetrachloroethene
Concen: 14.500 ug/l
RT: 11.101 min Scan# 1558
Delta R.T. -0.005 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27



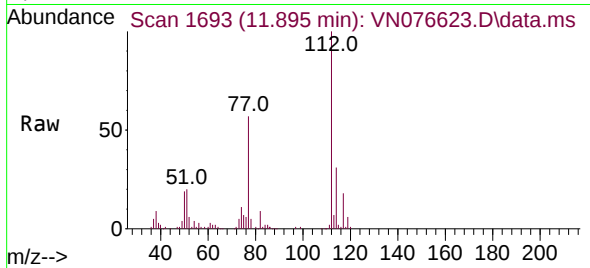
Tgt Ion:164 Resp: 65993
Ion Ratio Lower Upper
164 100
166 123.7 100.2 150.4
129 100.4 76.8 115.2
131 90.6 74.5 111.7





#65
Chlorobenzene
Concen: 20.388 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.001 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

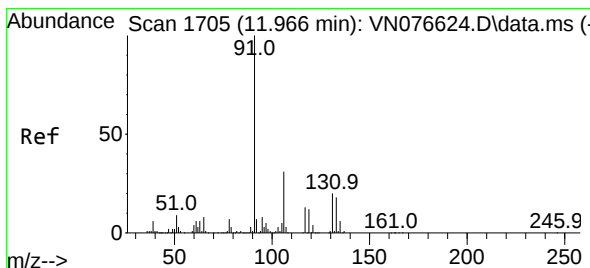
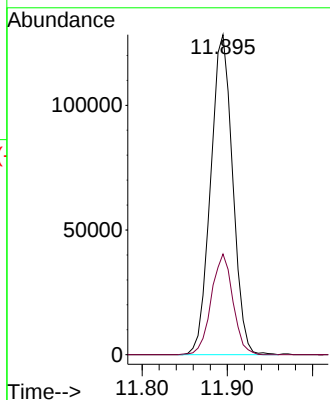
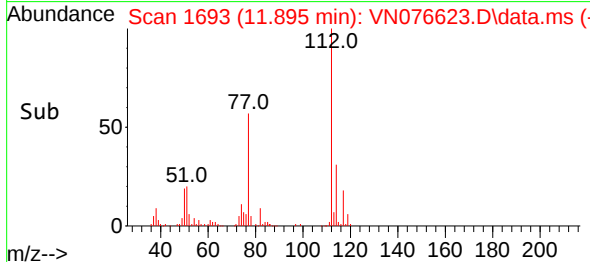
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



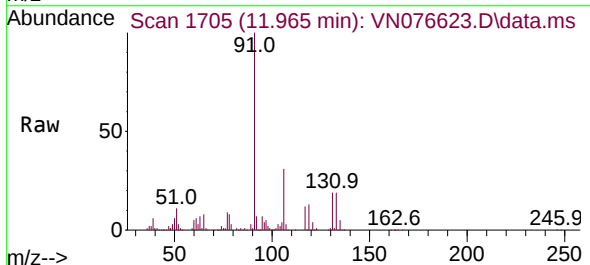
Tgt Ion:112 Resp: 230452
Ion Ratio Lower Upper
112 100
114 31.5 25.3 37.9

Manual Integrations
APPROVED

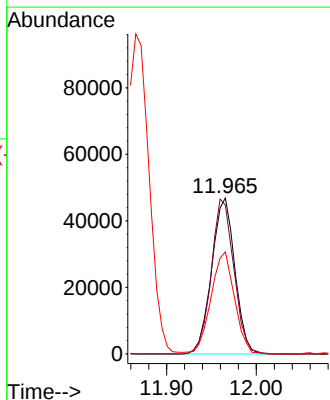
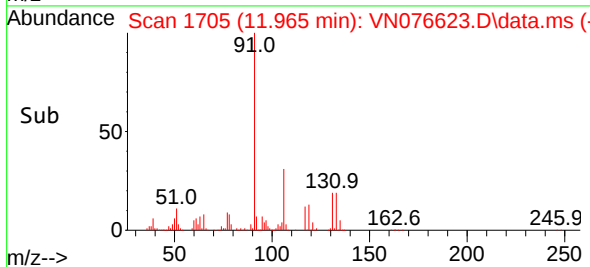
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

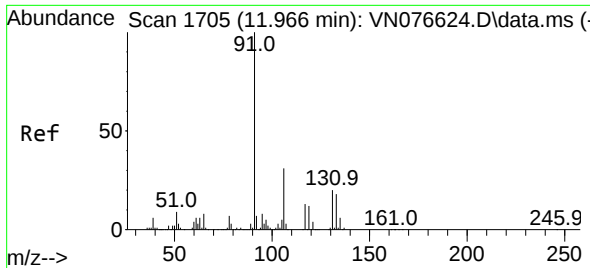


#66
1,1,1,2-Tetrachloroethane
Concen: 20.072 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27



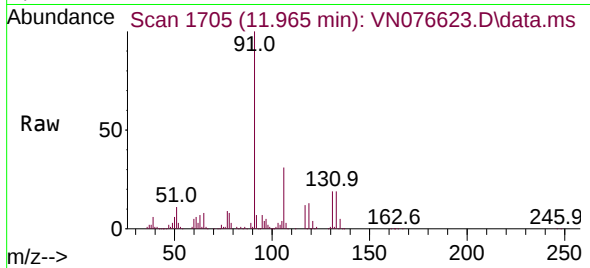
Tgt Ion:131 Resp: 84016
Ion Ratio Lower Upper
131 100
133 96.9 48.0 144.2
119 66.4 32.4 97.0





#67
Ethyl Benzene
Concen: 20.173 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

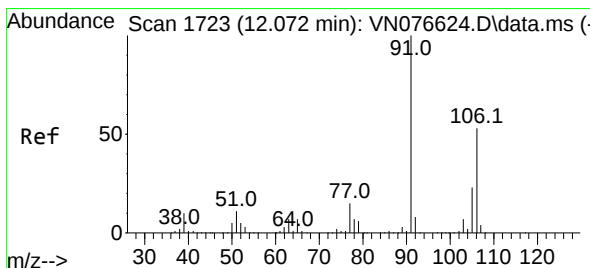
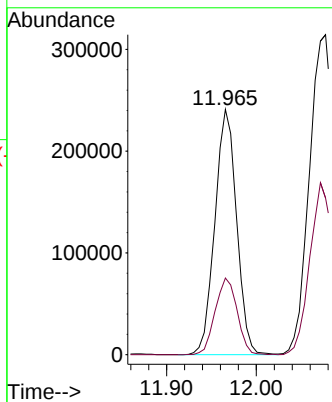
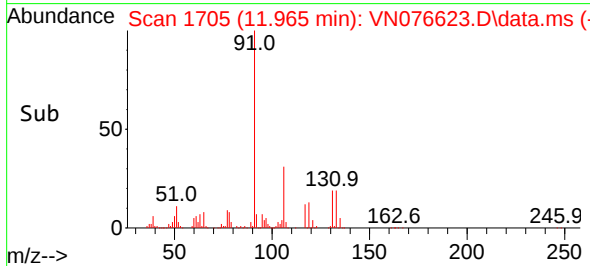
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



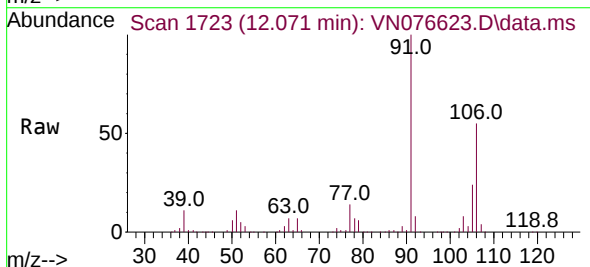
Tgt Ion: 91 Resp: 405225
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3

Manual Integrations
APPROVED

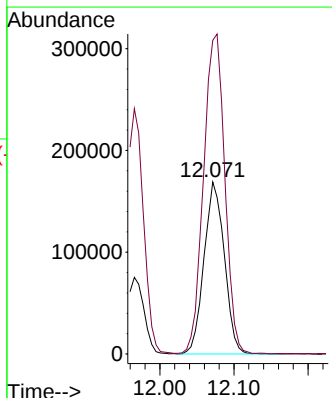
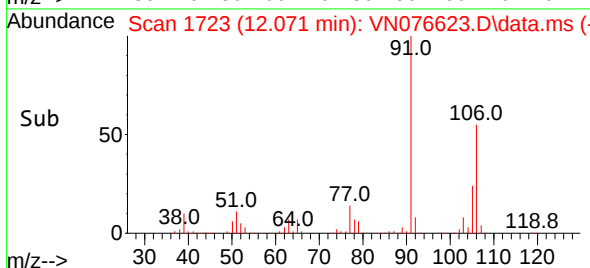
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

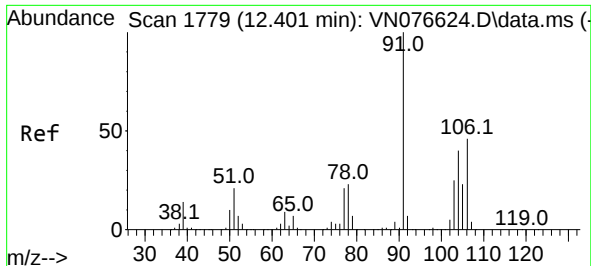


#68
m/p-Xylenes
Concen: 41.123 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27



Tgt Ion:106 Resp: 321849
Ion Ratio Lower Upper
106 100
91 193.9 160.2 240.4





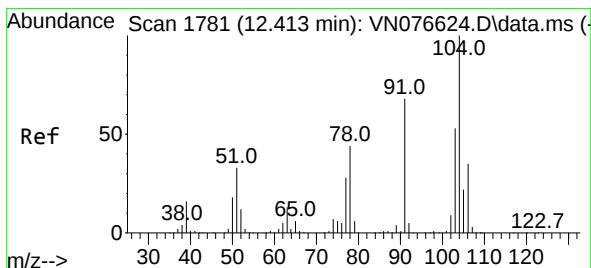
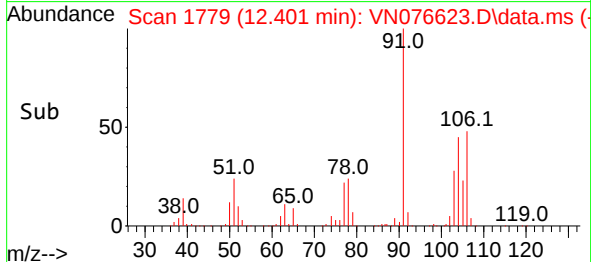
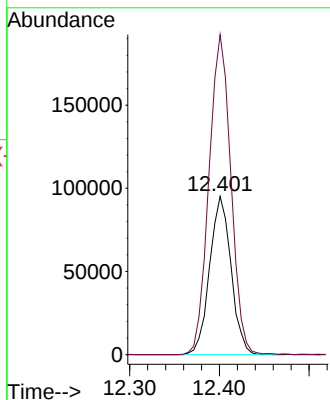
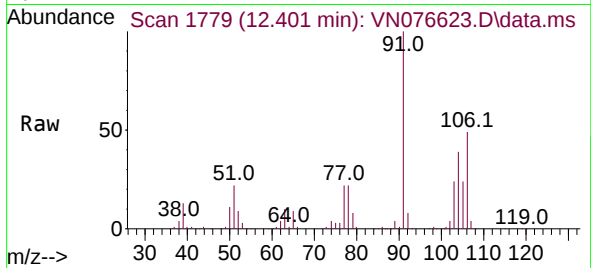
#69
o-Xylene
Concen: 20.540 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 15742
Ion Ratio Lower Upper
106 100
91 207.9 106.2 318.5

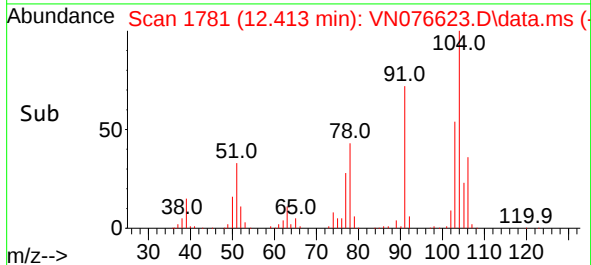
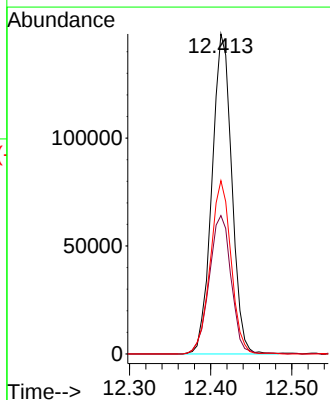
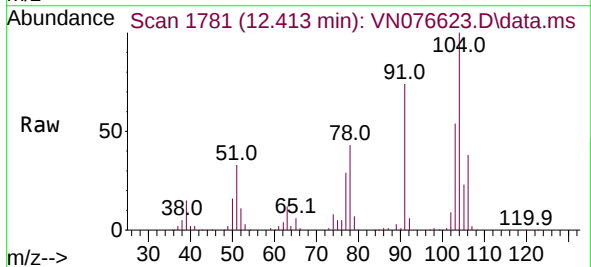
Manual Integrations
APPROVED

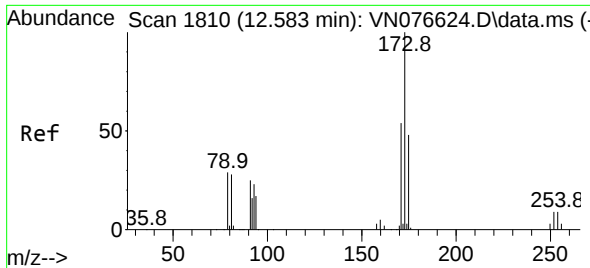
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#70
Styrene
Concen: 20.673 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.001 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

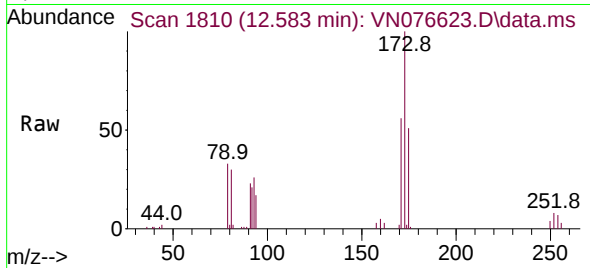
Tgt Ion:104 Resp: 251986
Ion Ratio Lower Upper
104 100
78 47.5 38.2 57.4
103 56.5 43.7 65.5





#71
Bromoform
Concen: 20.620 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.001 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

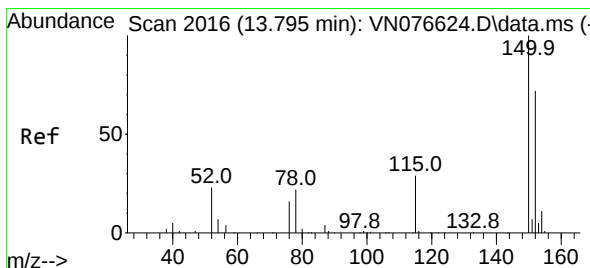
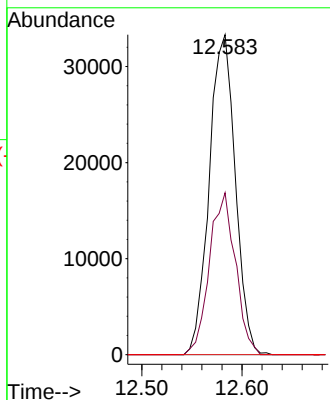
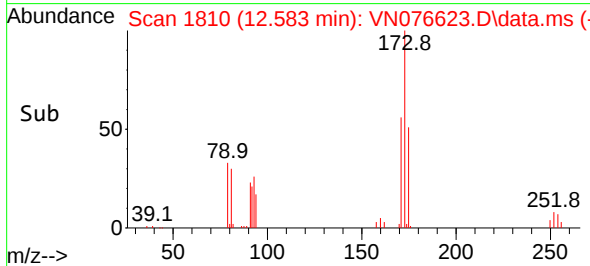
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



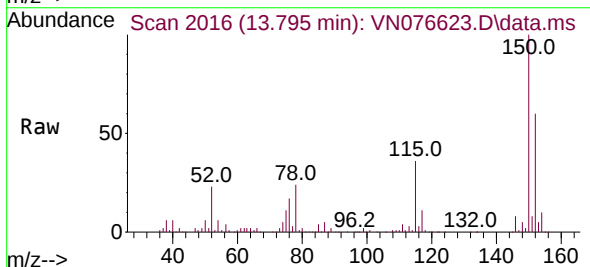
Tgt Ion:173 Resp: 6024
Ion Ratio Lower Upper
173 100
175 50.5 24.8 74.3
254 0.0 0.1 0.1

Manual Integrations
APPROVED

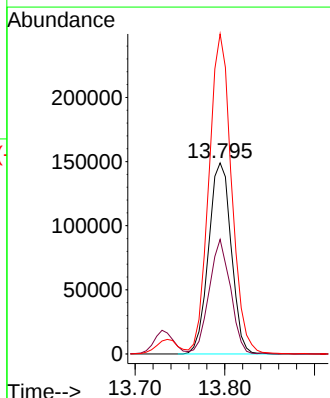
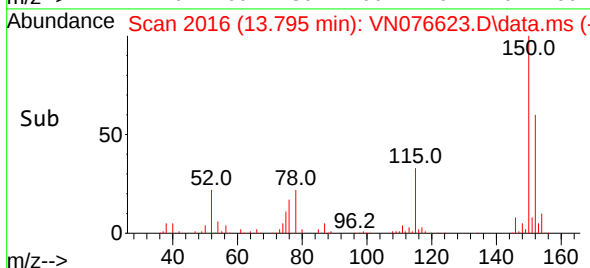
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

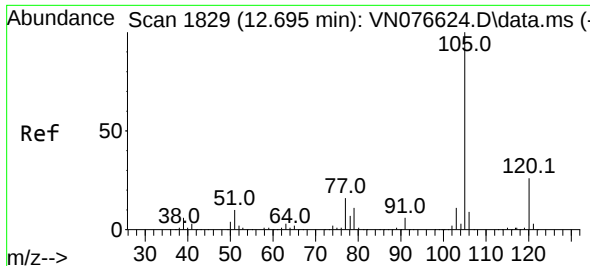


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.001 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27



Tgt Ion:152 Resp: 260772
Ion Ratio Lower Upper
152 100
115 56.6 30.8 92.3
150 167.8 0.0 348.8





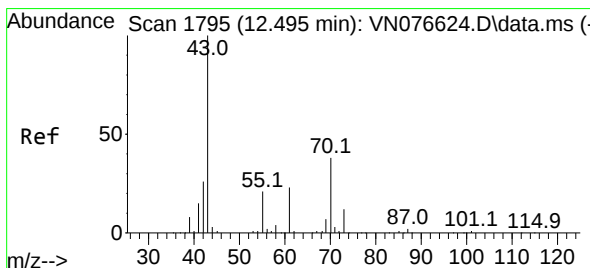
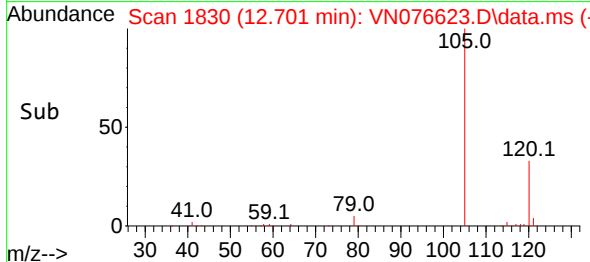
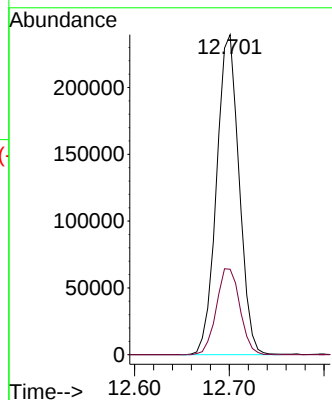
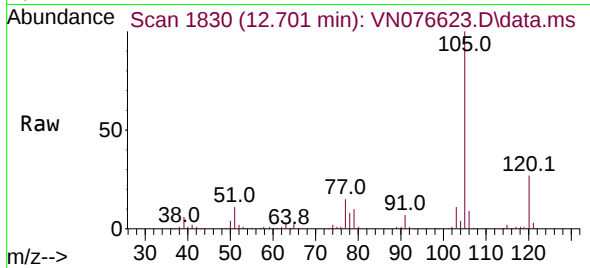
#73
Isopropylbenzene
Concen: 18.535 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.001 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 395849
Ion Ratio Lower Upper
105 100
120 28.1 13.0 39.0

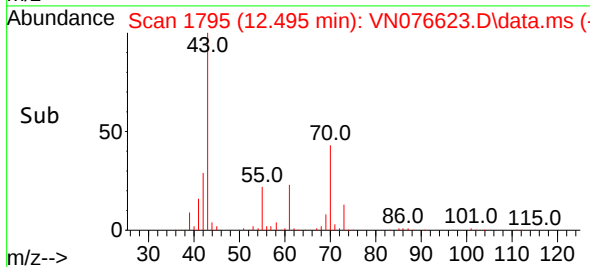
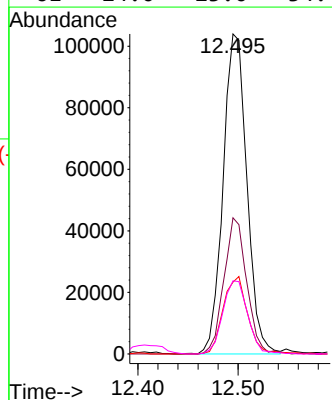
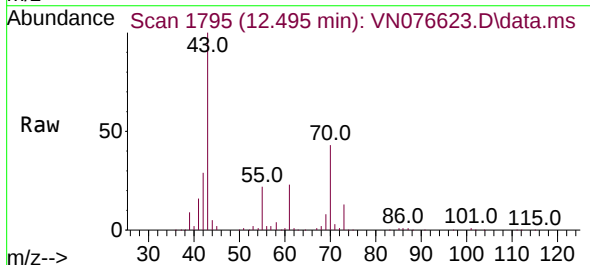
Manual Integrations
APPROVED

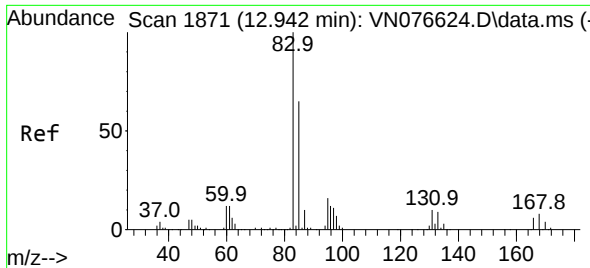
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#74
N-ethyl acetate
Concen: 28.739 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.001 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

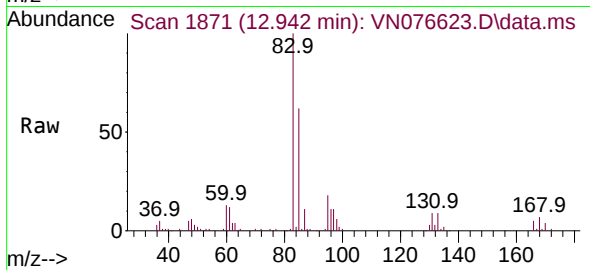
Tgt Ion: 43 Resp: 171160
Ion Ratio Lower Upper
43 100
70 40.9 43.1 64.7#
55 25.0 22.4 33.6
61 24.0 23.0 34.4





#75
1,1,2,2-Tetrachloroethane
Concen: 22.734 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.001 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

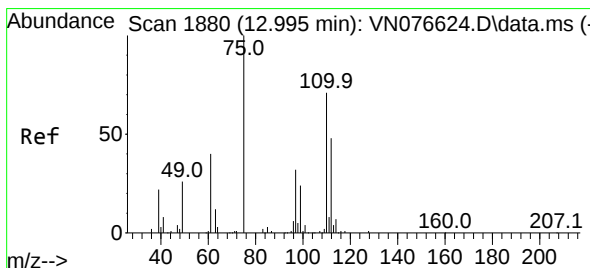
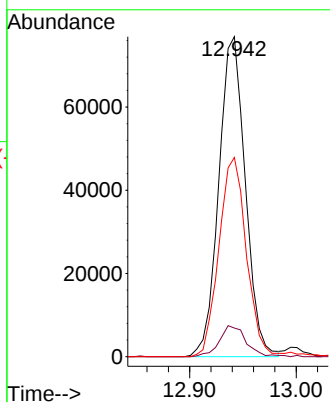
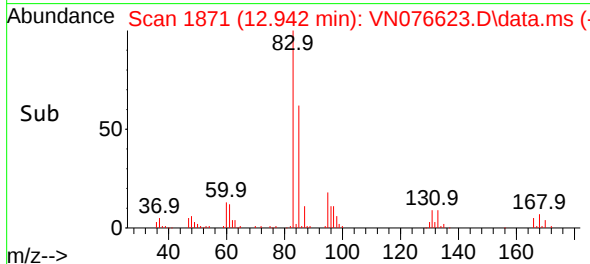
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



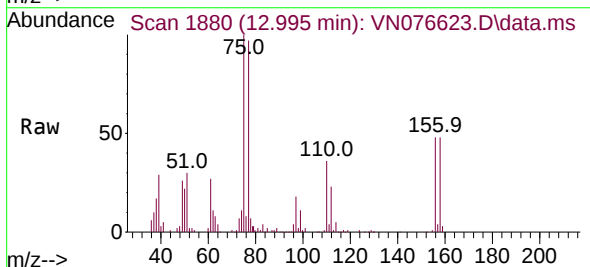
Tgt Ion: 83 Resp: 133079
Ion Ratio Lower Upper
83 100
131 9.8 5.3 16.1
85 64.4 32.4 97.0

Manual Integrations
APPROVED

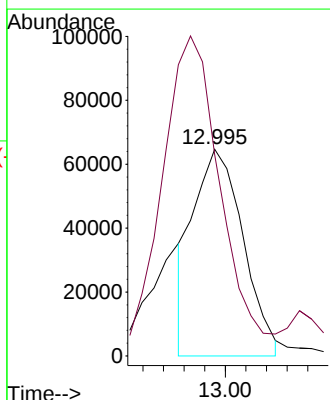
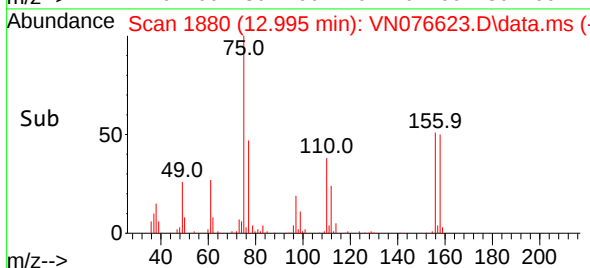
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

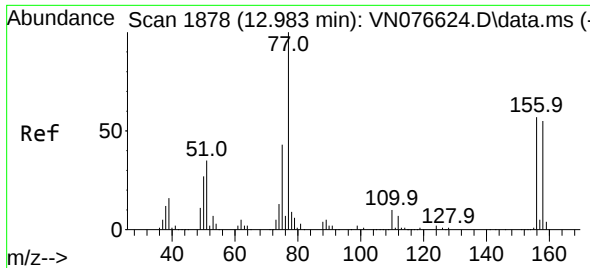


#76
1,2,3-Trichloropropane
Concen: 22.182 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.001 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27



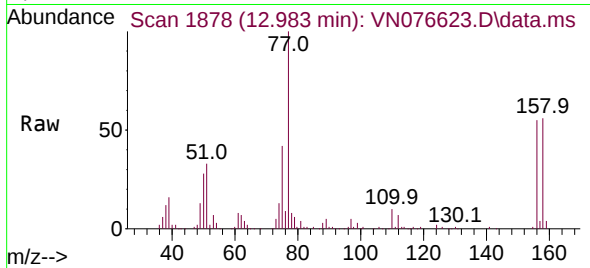
Tgt Ion: 75 Resp: 107926
Ion Ratio Lower Upper
75 100
77 184.7 87.5 262.5





#77
Bromobenzene
Concen: 19.071 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.001 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

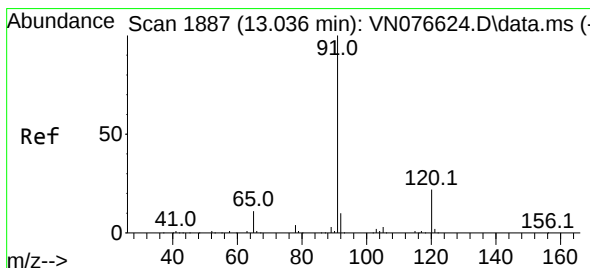
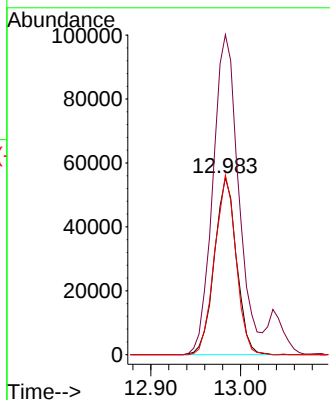
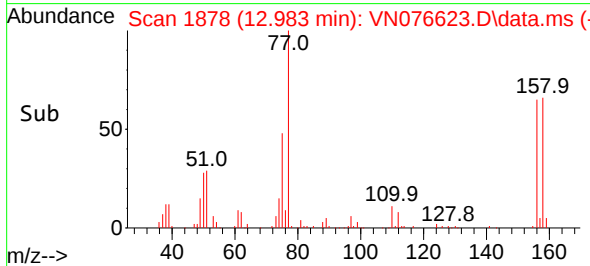
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:156 Resp: 94730
Ion Ratio Lower Upper
156 100
77 210.4 101.6 304.9
158 98.0 48.9 146.7

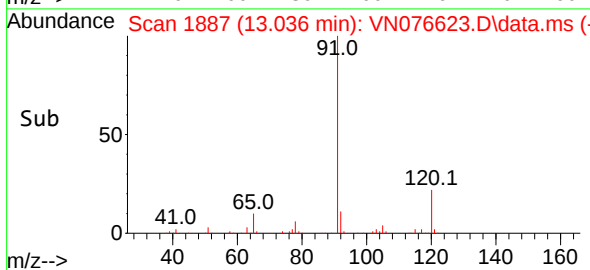
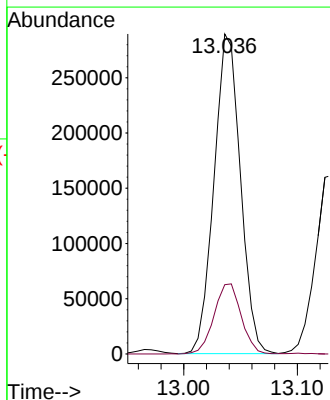
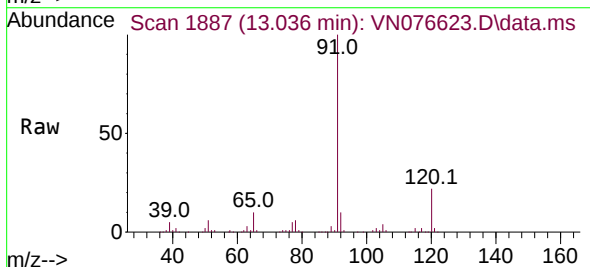
Manual Integrations
APPROVED

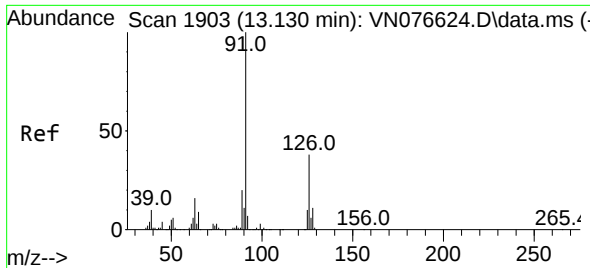
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#78
n-propylbenzene
Concen: 19.883 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.005 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

Tgt Ion: 91 Resp: 467572
Ion Ratio Lower Upper
91 100
120 22.6 11.6 34.8





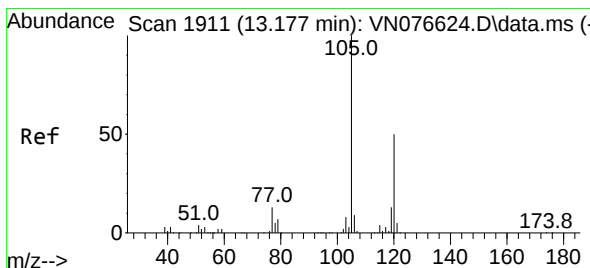
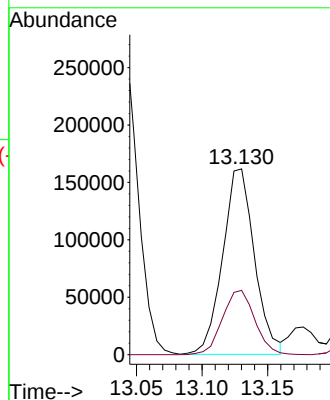
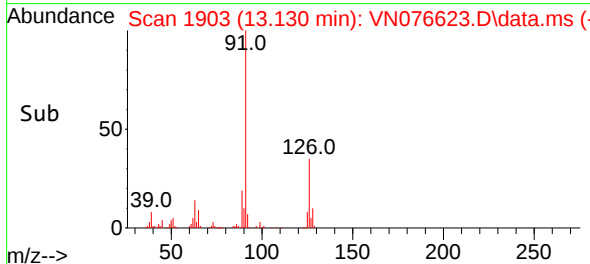
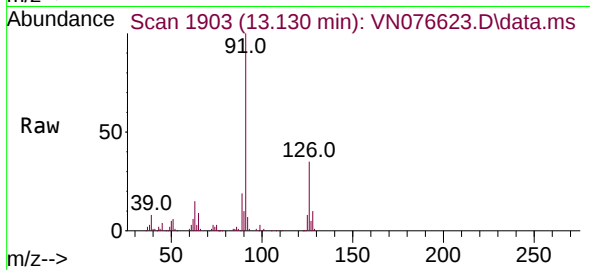
#79
2-Chlorotoluene
Concen: 18.252 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.001 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 273414
Ion Ratio Lower Upper
91 100
126 35.2 16.8 50.3

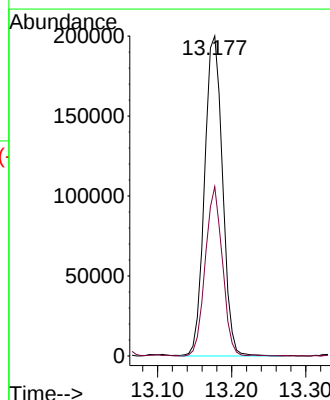
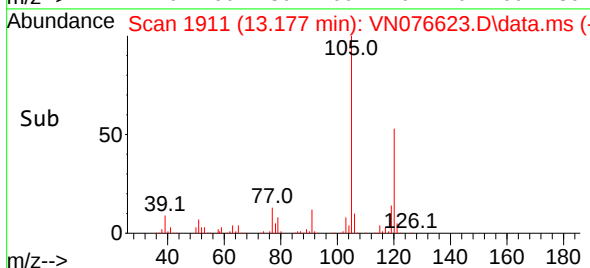
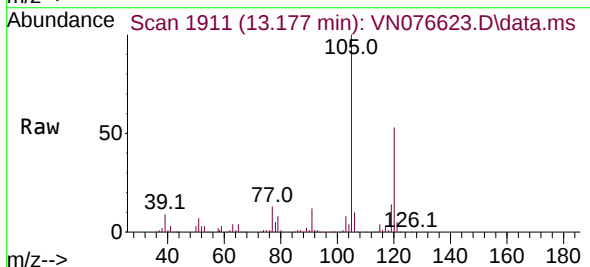
Manual Integrations
APPROVED

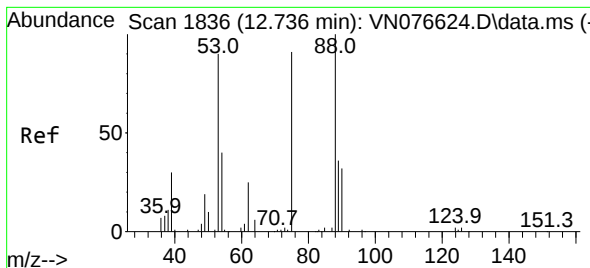
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.025 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.001 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

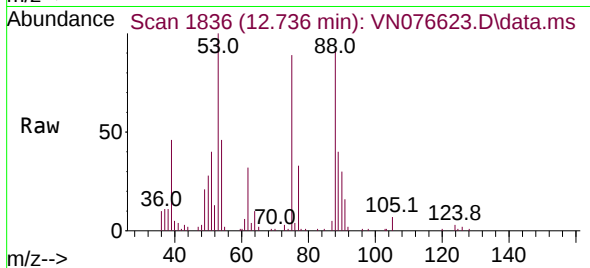
Tgt Ion:105 Resp: 337208
Ion Ratio Lower Upper
105 100
120 50.4 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 21.682 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.005 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

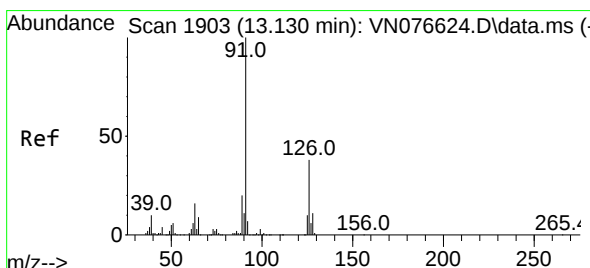
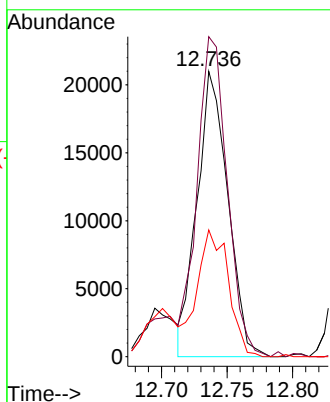
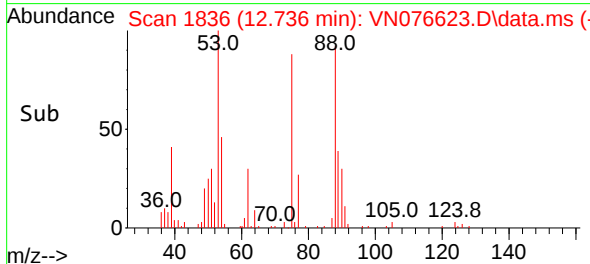
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



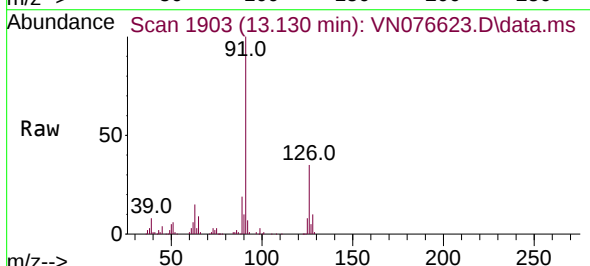
Tgt Ion: 75 Resp: 34354
Ion Ratio Lower Upper
75 100
53 125.6 77.1 115.7
89 45.6 41.5 62.3

Manual Integrations
APPROVED

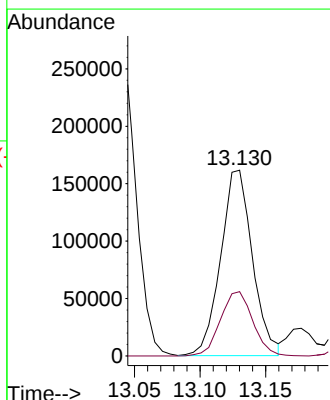
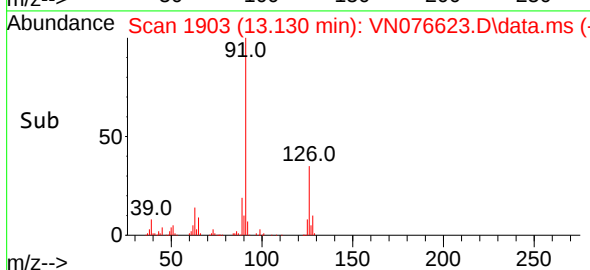
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

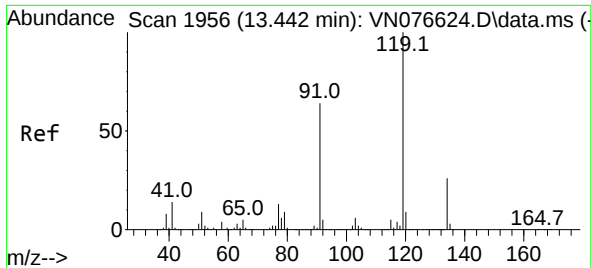


#82
4-Chlorotoluene
Concen: 18.252 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.001 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27



Tgt Ion: 91 Resp: 273414
Ion Ratio Lower Upper
91 100
126 35.2 16.8 50.3





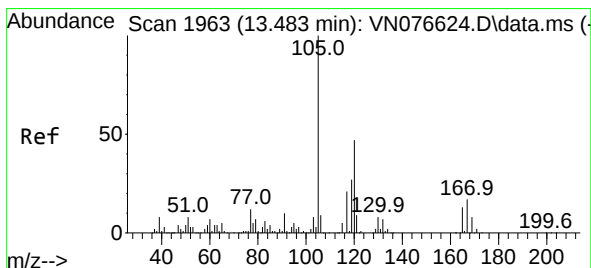
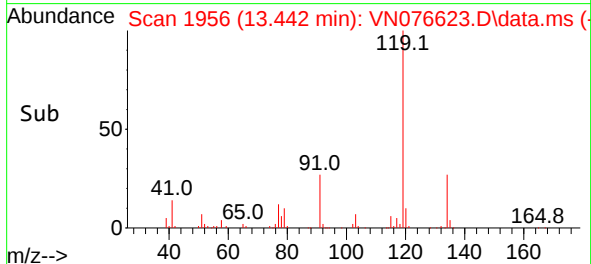
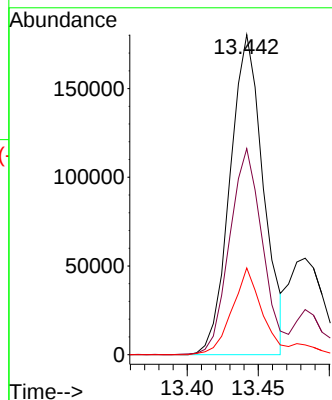
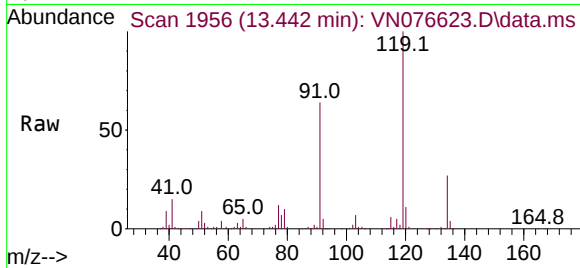
#83
tert-Butylbenzene
Concen: 18.589 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.001 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:119 Resp: 295120
Ion Ratio Lower Upper
119 100
91 64.3 33.2 99.6
134 24.4 13.4 40.1

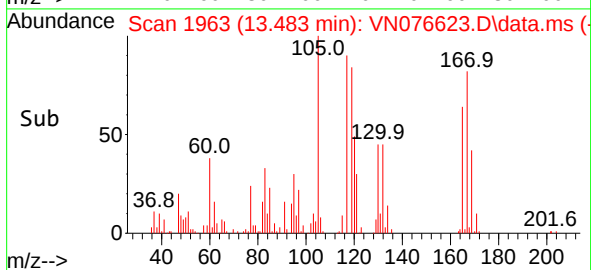
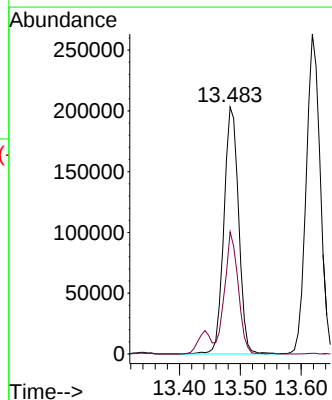
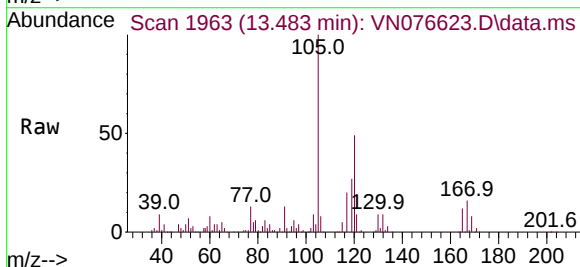
Manual Integrations
APPROVED

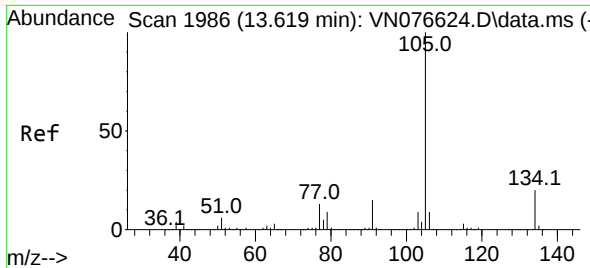
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.356 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.001 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

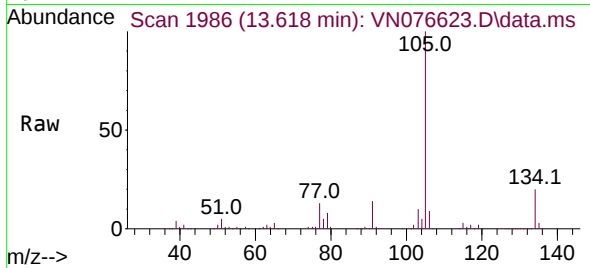
Tgt Ion:105 Resp: 341432
Ion Ratio Lower Upper
105 100
120 46.1 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 19.609 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076623.D
 Acq: 13 Feb 2023 11:27

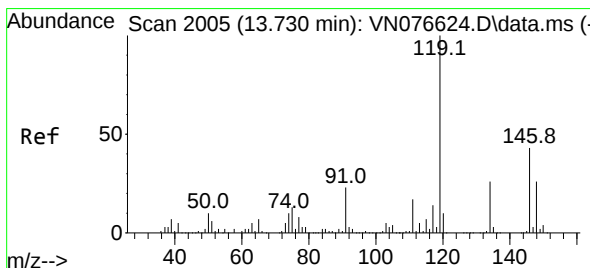
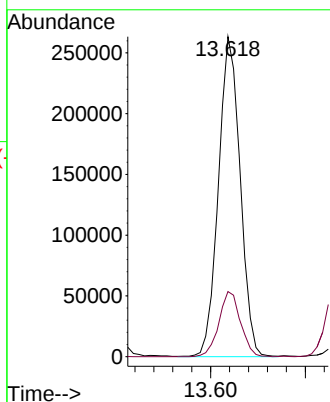
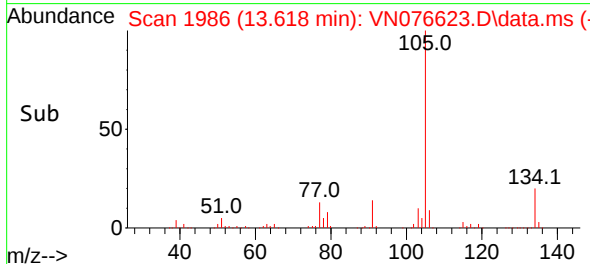
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



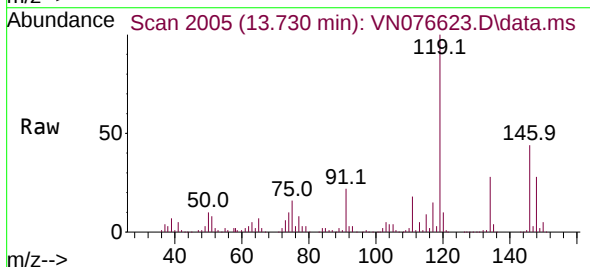
Tgt Ion:105 Resp: 419808
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1

Manual Integrations
 APPROVED

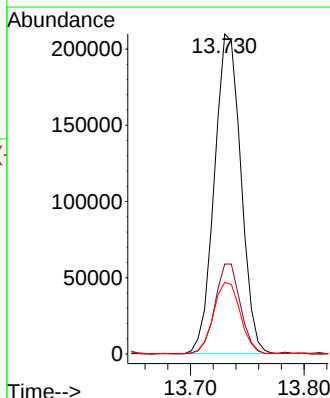
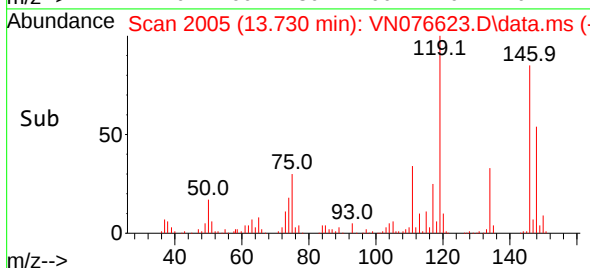
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023

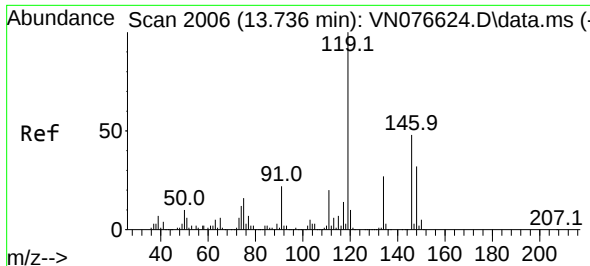


#86
 p-Isopropyltoluene
 Concen: 19.377 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.001 min
 Lab File: VN076623.D
 Acq: 13 Feb 2023 11:27



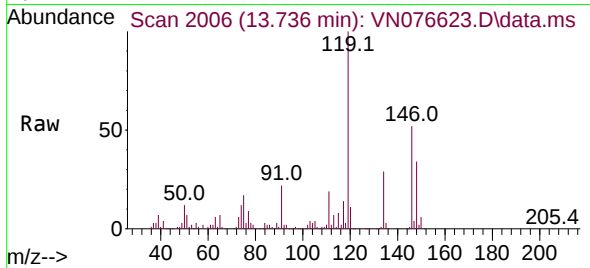
Tgt Ion:119 Resp: 339965
 Ion Ratio Lower Upper
 119 100
 134 27.2 12.8 38.4
 91 22.6 11.5 34.4





#87
 1,3-Dichlorobenzene
 Concen: 19.626 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.001 min
 Lab File: VN076623.D
 Acq: 13 Feb 2023 11:27

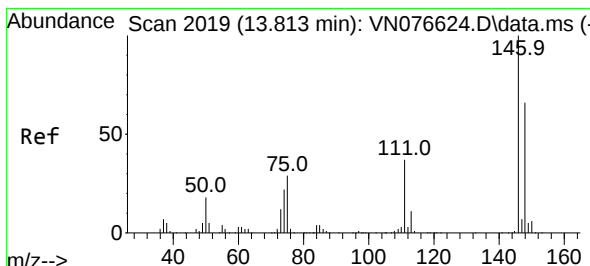
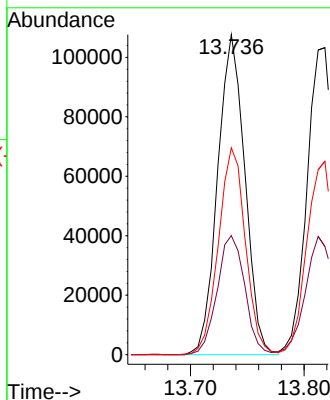
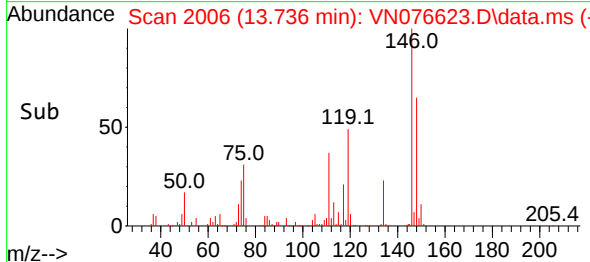
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



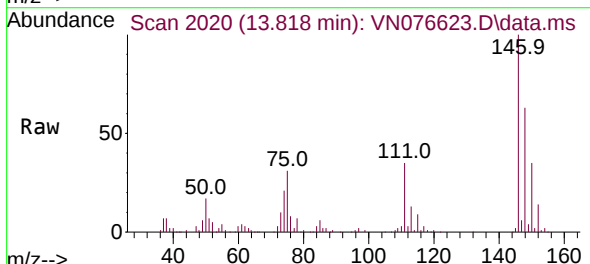
Tgt Ion:146 Resp: 17944
 Ion Ratio Lower Upper
 146 100
 111 37.8 20.3 61.0
 148 64.2 31.5 94.5

Manual Integrations
 APPROVED

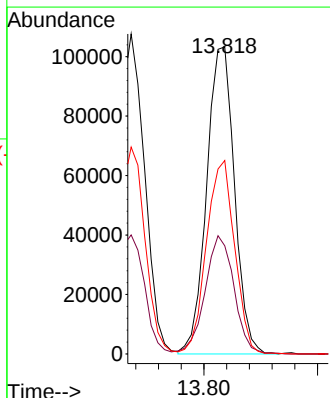
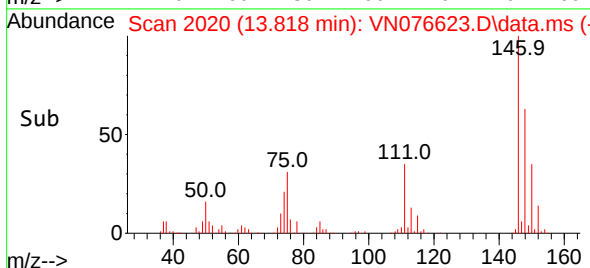
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023

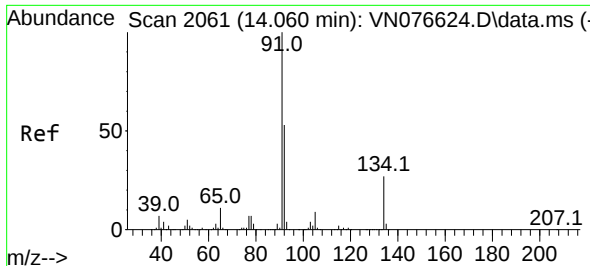


#88
 1,4-Dichlorobenzene
 Concen: 18.935 ug/l
 RT: 13.818 min Scan# 2020
 Delta R.T. 0.006 min
 Lab File: VN076623.D
 Acq: 13 Feb 2023 11:27



Tgt Ion:146 Resp: 175854
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.8 59.4
 148 64.1 31.6 94.8





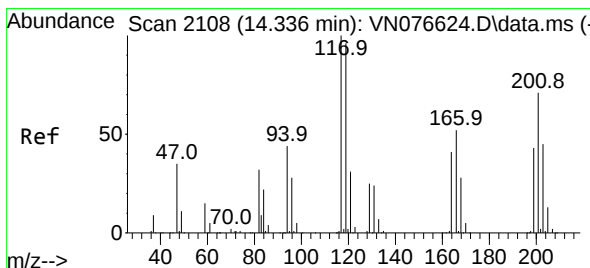
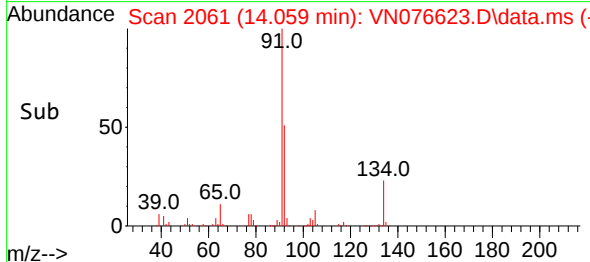
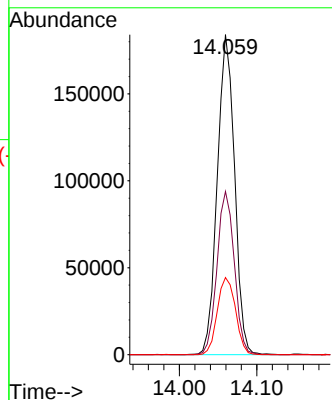
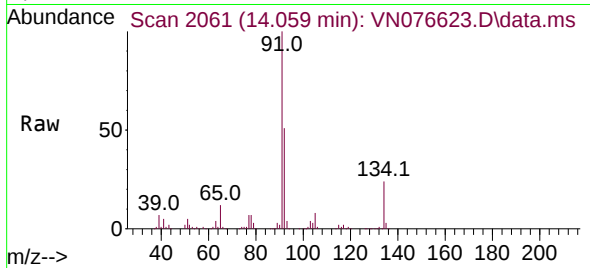
#89
n-Butylbenzene
Concen: 20.506 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 284890
Ion Ratio Lower Upper
91 100
92 51.2 27.0 80.8
134 25.4 13.1 39.3

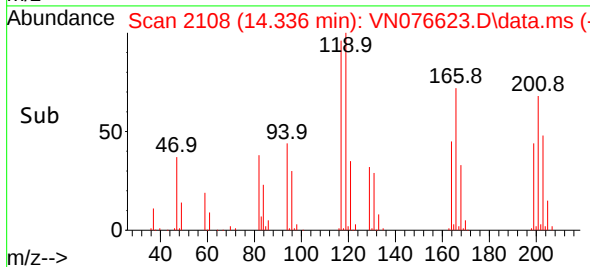
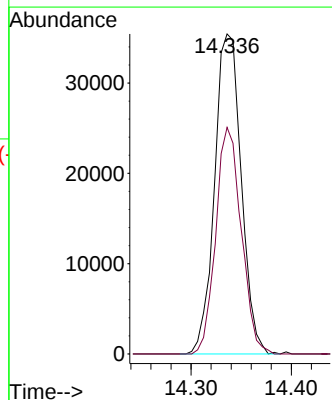
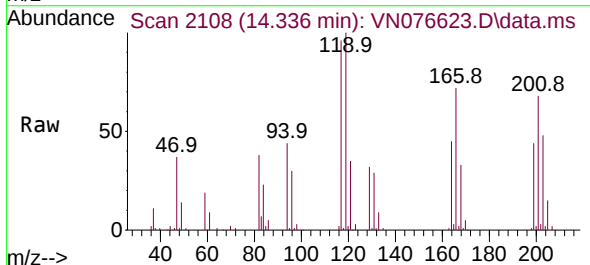
Manual Integrations
APPROVED

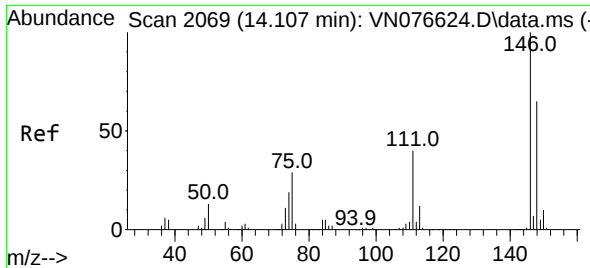
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#90
Hexachloroethane
Concen: 21.403 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.001 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

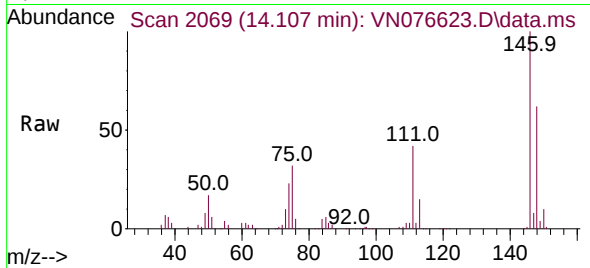
Tgt Ion:117 Resp: 65406
Ion Ratio Lower Upper
117 100
201 67.6 37.2 111.6





#91
1,2-Dichlorobenzene
Concen: 20.346 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.001 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

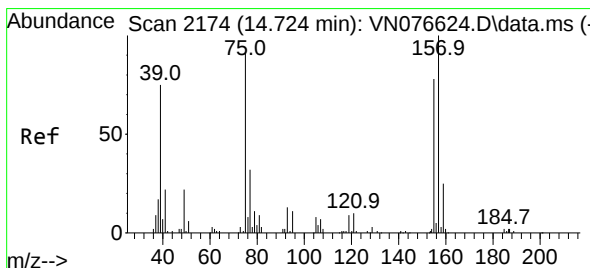
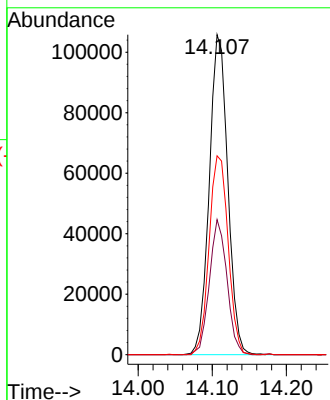
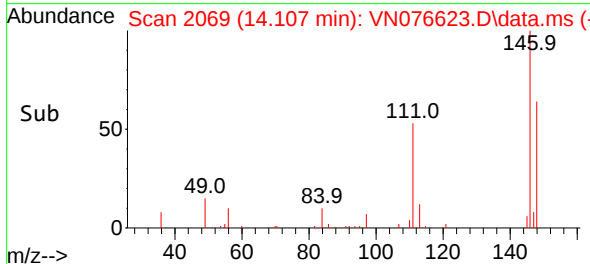
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



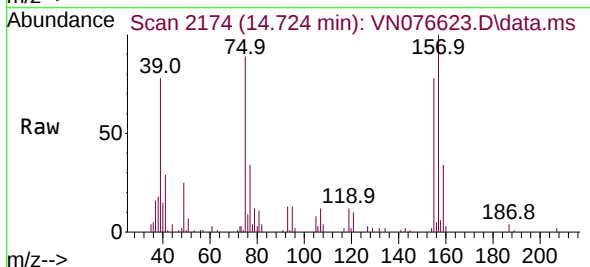
Tgt Ion:146 Resp: 18340
Ion Ratio Lower Upper
146 100
111 40.2 21.4 64.3
148 63.8 31.9 95.9

Manual Integrations
APPROVED

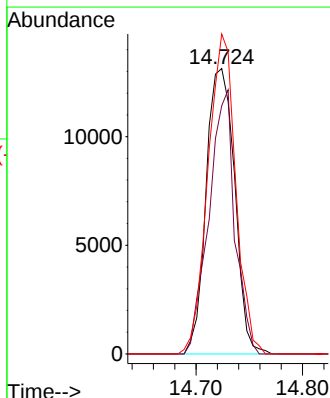
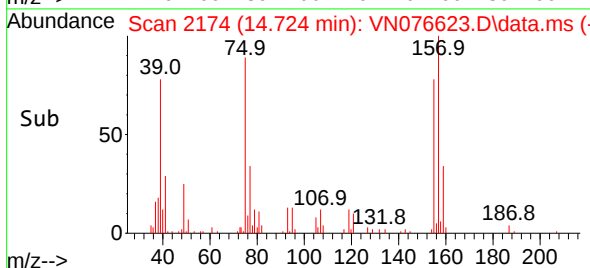
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

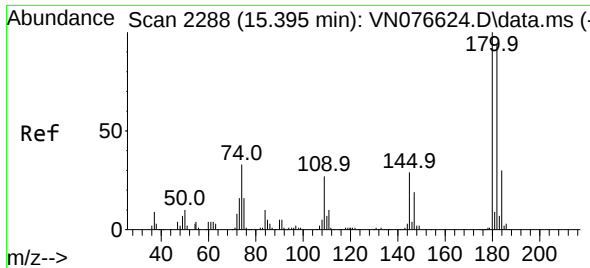


#92
1,2-Dibromo-3-Chloropropane
Concen: 24.046 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.001 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27



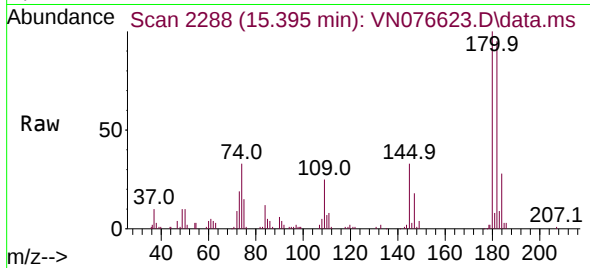
Tgt Ion: 75 Resp: 24362
Ion Ratio Lower Upper
75 100
155 84.5 44.8 134.4
157 109.4 58.4 175.1





#93
1,2,4-Trichlorobenzene
Concen: 22.136 ug/l
RT: 15.395 min Scan# 2288
Delta R.T. 0.001 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27

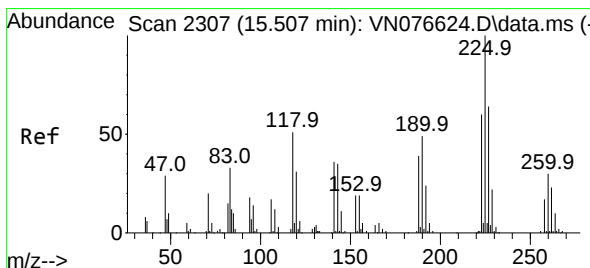
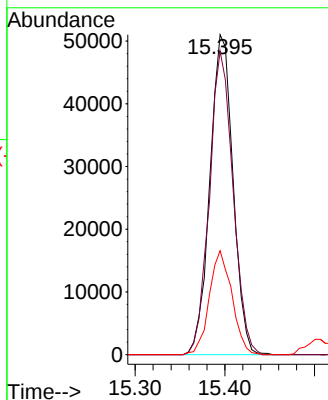
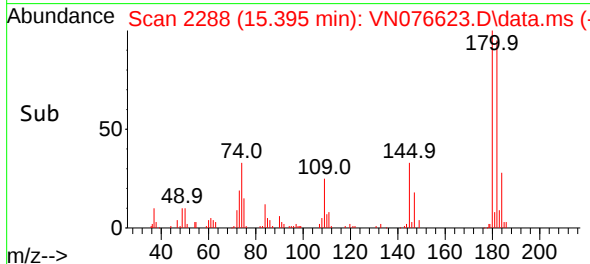
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



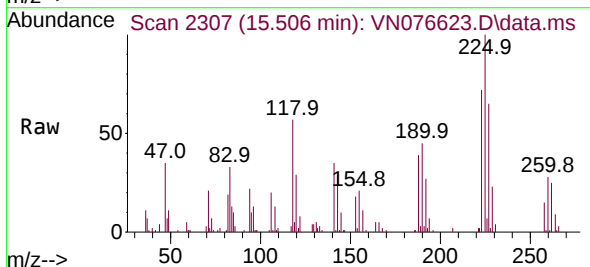
Tgt Ion:180 Resp: 91438
Ion Ratio Lower Upper
180 100
182 96.5 47.4 142.2
145 31.8 16.3 48.8

Manual Integrations
APPROVED

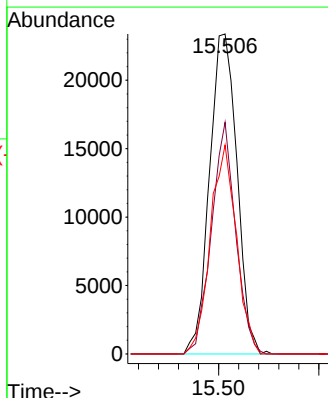
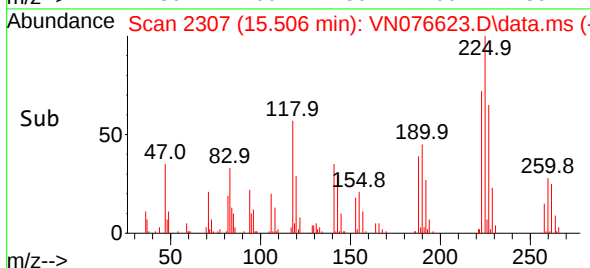
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

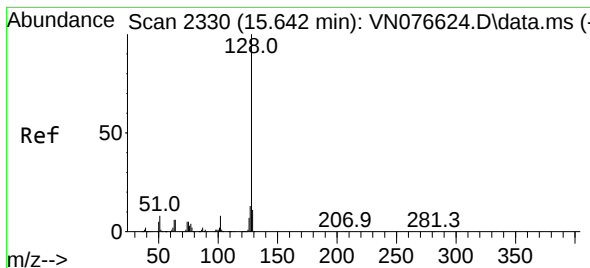


#94
Hexachlorobutadiene
Concen: 19.120 ug/l
RT: 15.506 min Scan# 2307
Delta R.T. 0.000 min
Lab File: VN076623.D
Acq: 13 Feb 2023 11:27



Tgt Ion:225 Resp: 44408
Ion Ratio Lower Upper
225 100
223 63.9 31.2 93.6
227 62.0 31.8 95.3





#95

Naphthalene

Concen: 24.582 ug/l

RT: 15.642 min Scan# 2330

Delta R.T. 0.001 min

Lab File: VN076623.D

Acq: 13 Feb 2023 11:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

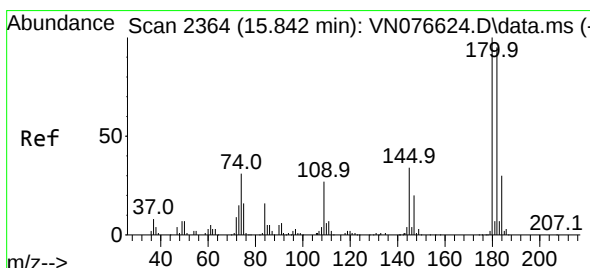
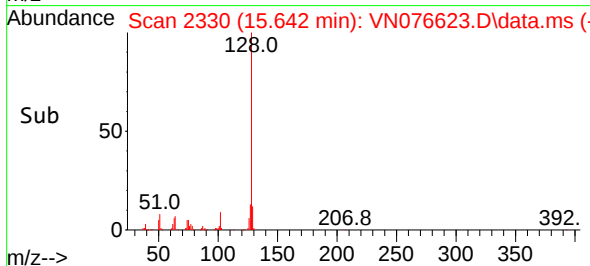
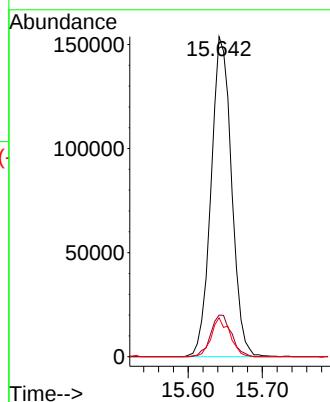
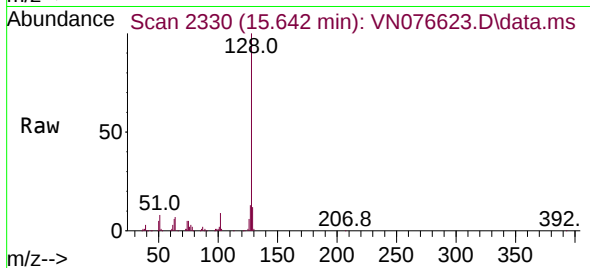
Tgt Ion:	128	Resp:	29540
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.2	15.2
129	11.1	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#96

1,2,3-Trichlorobenzene

Concen: 23.575 ug/l

RT: 15.848 min Scan# 2365

Delta R.T. 0.007 min

Lab File: VN076623.D

Acq: 13 Feb 2023 11:27

Tgt Ion:	180	Resp:	93254
Ion Ratio	Lower	Upper	
180	100		
182	91.3	47.4	142.2
145	32.4	17.2	51.5

