

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030923\
 Data File : VN076903.D
 Acq On : 09 Mar 2023 15:18
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/10/2023
 Supervised By : Mahesh Dadoda 03/10/2023

Quant Time: Mar 10 01:33:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 09 04:16:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.825	128	41594	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	275196	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	307317	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	114666	29.993	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.967%		
60) 4-Bromofluorobenzene	12.854	95	177403	30.501	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	101.667%		
63) Toluene-d8	10.572	98	318933	29.506	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.367%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.143	85	118488	22.261	ug/l	97
3) Chloromethane	2.378	50	82982	17.057	ug/l	98
4) Vinyl Chloride	2.525	62	75039	16.915	ug/l	91
5) Bromomethane	2.972	94	48748	17.183	ug/l	93
6) Chloroethane	3.137	64	44683	17.141	ug/l	94
7) Trichlorofluoromethane	3.513	101	183901	22.190	ug/l	98
8) Diethyl Ether	3.984	74	65787	21.167	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.390	101	101495	21.617	ug/l	96
10) 1,1-Dichloroethene	4.360	96	93596	20.538	ug/l	95
11) Methyl Iodide	4.607	142	68252	12.430	ug/l	95
12) Methyl Acetate	5.043	43	149727	19.976	ug/l	98
13) Acrolein	4.190	56	118463m	106.909	ug/l	
14) Acrylonitrile	5.737	53	249070	100.875	ug/l	98
15) Acetone	4.448	58	67926	101.085	ug/l	88
16) Carbon Disulfide	4.725	76	260682	20.630	ug/l	97
17) Allyl chloride	5.043	41	134234	19.639	ug/l	94
18) Methylene Chloride	5.295	84	112259	21.060	ug/l #	77
19) trans-1,2-Dichloroethene	5.801	96	99603	20.743	ug/l	94
20) Diisopropyl ether	6.684	45	321416	20.845	ug/l	94
21) 1,1-Dichloroethane	6.584	63	193230	21.058	ug/l	98
22) cis-1,2-Dichloroethene	7.501	96	116063	21.091	ug/l	96
23) tert-Butyl Alcohol	5.525	59	70977	98.979	ug/l #	100
24) Methyl tert-Butyl Ether	5.813	73	327647	22.052	ug/l	93
25) Chloroform	7.972	83	199361	21.149	ug/l	99
26) Cyclohexane	8.266	56	166514	19.875	ug/l #	91
29) 1,1-Dichloropropene	8.378	75	149167	23.013	ug/l	99
30) 2-Butanone	7.495	43	306804	103.745	ug/l	93
31) 2,2-Dichloropropane	7.501	77	152108	23.685	ug/l #	63
32) 1,1,1-Trichloroethane	8.178	97	177412	23.465	ug/l	97
33) Carbon Tetrachloride	8.372	117	160372	23.989	ug/l	95
34) Benzene	8.613	78	445215	22.404	ug/l	97
35) Methacrylonitrile	7.789	41	75521	22.695	ug/l	92
36) 1,2-Dichloroethane	8.678	62	156282	23.463	ug/l	98
37) Trichloroethene	9.360	130	104111	21.257	ug/l	90
38) Methylcyclohexane	9.607	83	179560	22.255	ug/l	100
39) 1,2-Dichloropropane	9.625	63	110540	21.650	ug/l	99
40) Dibromomethane	9.713	93	74355	22.859	ug/l	94
41) Bromodichloromethane	9.889	83	156490	23.475	ug/l	98
42) Vinyl Acetate	6.613	43	1008173	109.365	ug/l	95

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 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

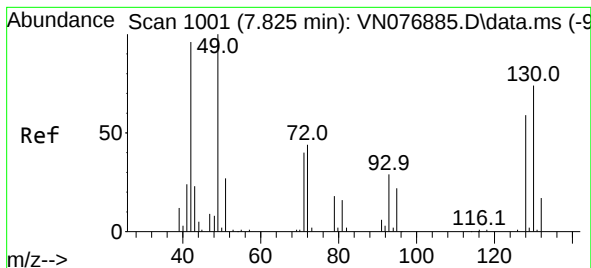
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.572	43	131651	22.062	ug/l	95
44) Isopropyl Acetate	8.695	43	210306	21.741	ug/l #	89
45) 1,4-Dioxane	9.695	88	34720	426.660	ug/l	94
46) Methyl methacrylate	9.683	41	103014	21.868	ug/l	89
47) n-amyl Acetate	12.495	43	176245	22.389	ug/l	91
48) t-1,3-Dichloropropene	10.842	75	153354	22.968	ug/l	96
49) cis-1,3-Dichloropropene	10.313	75	170870	22.531	ug/l	92
50) 1,1,2-Trichloroethane	11.019	97	107046	22.463	ug/l	96
51) Ethyl methacrylate	10.877	69	157188	22.375	ug/l	88
52) 1,3-Dichloropropane	11.166	76	183814	22.332	ug/l	99
53) Dibromochloromethane	11.366	129	114558	23.565	ug/l	96
54) 1,2-Dibromoethane	11.471	107	102733	22.340	ug/l	98
55) 2-Chloroethyl vinyl ether	10.160	63	310350	125.999	ug/l	97
56) Bromoform	12.577	173	78295	24.073	ug/l	98
58) 4-Methyl-2-Pentanone	10.448	43	658720	106.105	ug/l #	89
59) 2-Hexanone	11.201	43	465125	105.467	ug/l #	88
61) Tetrachloroethene	11.107	164	95088	19.600	ug/l	92
62) Toluene	10.636	91	475287	22.445	ug/l	100
64) Chlorobenzene	11.895	112	278529	22.345	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.966	131	107658	22.995	ug/l	98
66) Ethyl Benzene	11.966	91	525724	22.867	ug/l	97
67) m/p-Xylenes	12.071	106	395960	45.467	ug/l	88
68) o-Xylene	12.401	106	195865	23.036	ug/l	93
69) Styrene	12.413	104	318341	23.085	ug/l	96
70) Isopropylbenzene	12.701	105	517975	23.414	ug/l	96
71) 1,1,2,2-Tetrachloroethane	12.942	83	157684	23.640	ug/l	98
72) 1,2,3-Trichloropropane	12.995	75	137064m	22.400	ug/l	
73) Bromobenzene	12.983	156	113283	22.692	ug/l	94
74) n-propylbenzene	13.042	91	592277	22.682	ug/l	100
75) 2-Chlorotoluene	13.130	91	377925	23.403	ug/l	96
76) 1,3,5-Trimethylbenzene	13.177	105	451607	23.585	ug/l	94
77) t-1,4-Dichloro-2-butene	12.742	75	40352	21.603	ug/l	99
78) 4-Chlorotoluene	13.224	91	362424	23.282	ug/l	92
79) tert-butylbenzene	13.442	119	379795	23.719	ug/l	95
80) 1,2,4-Trimethylbenzene	13.483	105	445896	23.696	ug/l	93
81) sec-Butylbenzene	13.618	105	538594	23.509	ug/l	99
82) p-Isopropyltoluene	13.730	119	436440	23.570	ug/l	97
83) 1,3-Dichlorobenzene	13.736	146	207241	22.436	ug/l	97
84) 1,4-Dichlorobenzene	13.813	146	202182	22.534	ug/l	95
85) n-Butylbenzene	14.060	91	359716	22.919	ug/l	98
86) Hexachloroethane	14.336	117	73474	22.224	ug/l	91
87) 1,2-Dichlorobenzene	14.107	146	213770	23.207	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.724	75	29688	22.852	ug/l	96
89) 1,2,4-Trichlorobenzene	15.395	180	111310	22.653	ug/l	98
90) Hexachlorobutadiene	15.507	225	62020	23.942	ug/l	93
91) Naphthalene	15.642	128	359978	23.098	ug/l	98
92) 1,2,3-Trichlorobenzene	15.842	180	117061	23.764	ug/l	96

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.825 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VN076903.D

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Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

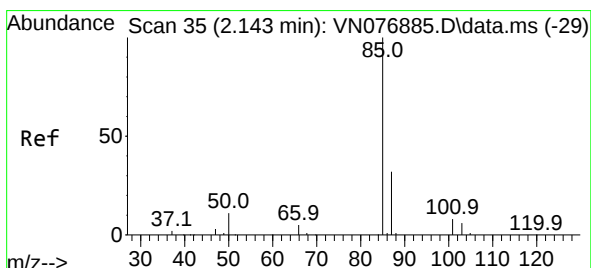
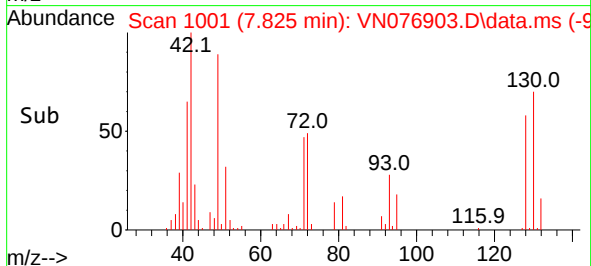
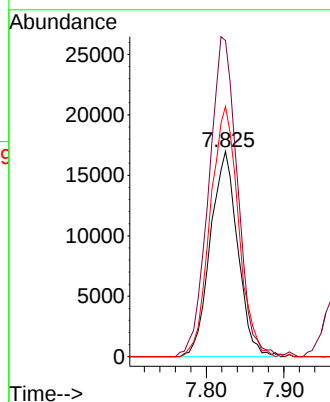
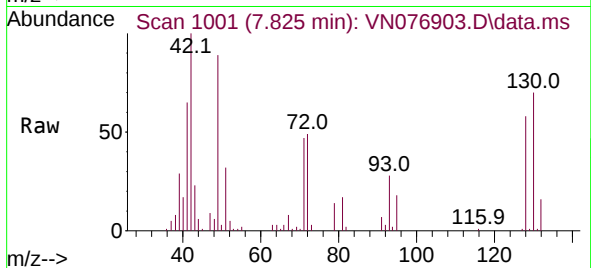
Tgt Ion:	128	Resp:	41594
Ion	Ratio	Lower	Upper
128	100		
49	163.6	0.0	461.8
130	126.0	0.0	295.3

Manual Integrations

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Reviewed By :John Carlone 03/10/2023

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#2

Dichlorodifluoromethane

Concen: 22.261 ug/l

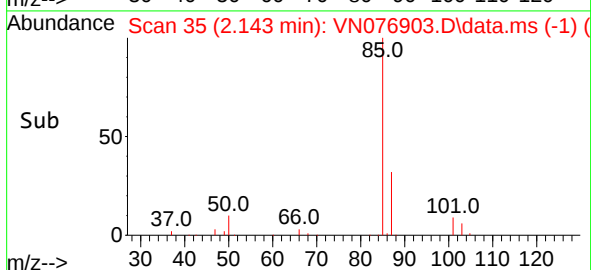
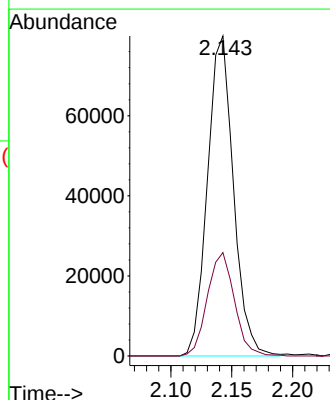
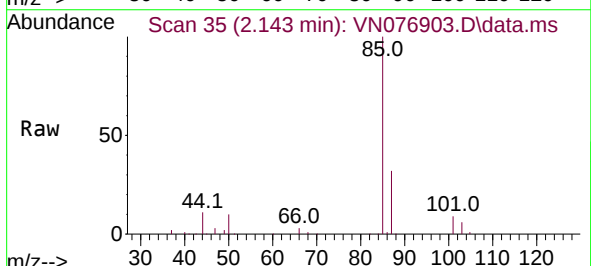
RT: 2.143 min Scan# 35

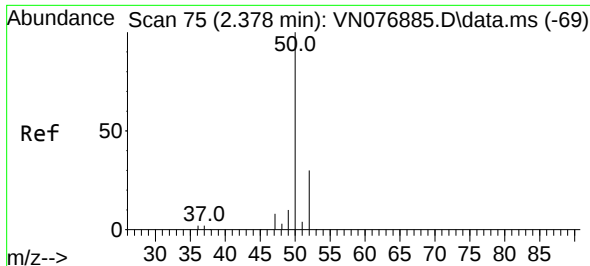
Delta R.T. -0.000 min

Lab File: VN076903.D

Acq: 09 Mar 2023 15:18

Tgt Ion:	85	Resp:	118488
Ion	Ratio	Lower	Upper
85	100		
87	32.3	15.4	46.1





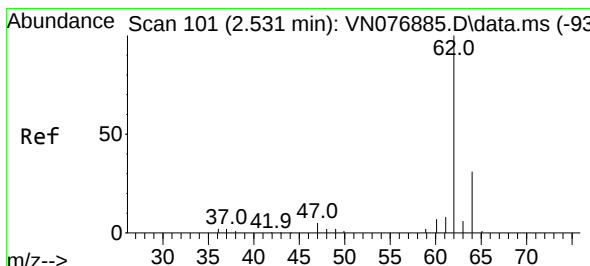
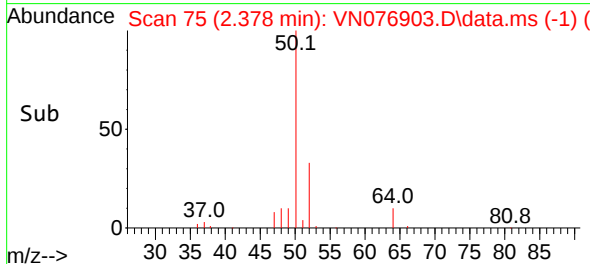
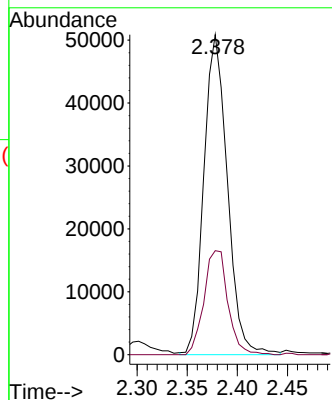
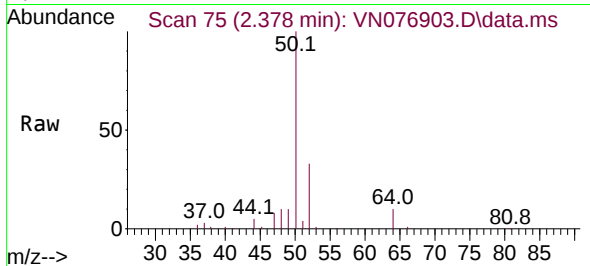
#3
Chloromethane
Concen: 17.057 ug/l
RT: 2.378 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 50 Resp: 8298
Ion Ratio Lower Upper
50 100
52 32.7 25.3 37.9

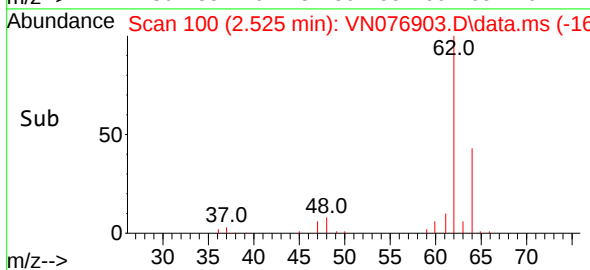
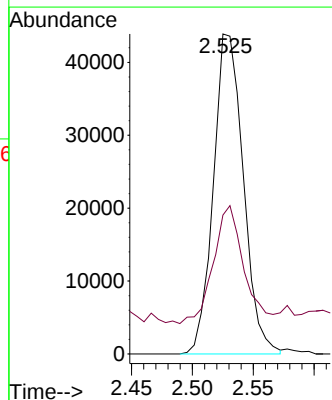
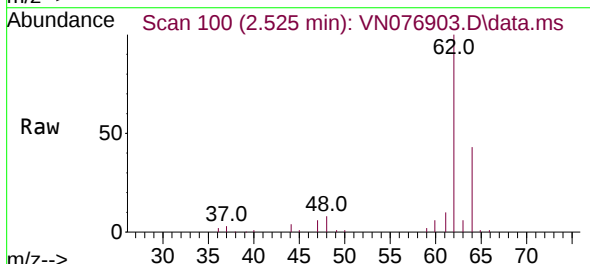
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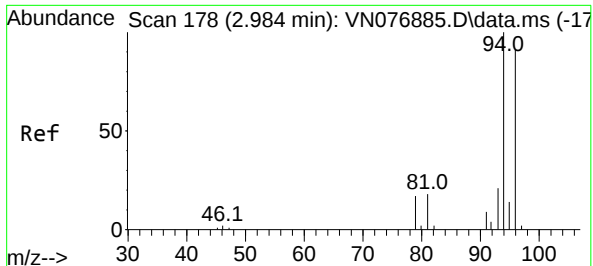
Reviewed By :John Carlone 03/10/2023
Supervised By :Mahesh Dadoda 03/10/2023



#4
Vinyl Chloride
Concen: 16.915 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.006 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

Tgt Ion: 62 Resp: 75039
Ion Ratio Lower Upper
62 100
64 33.9 23.1 34.7





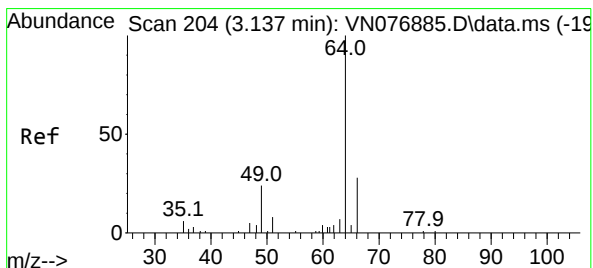
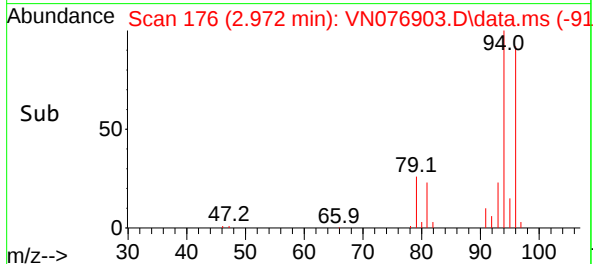
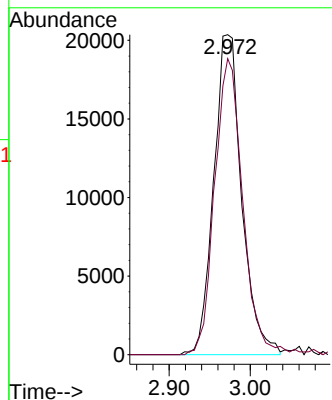
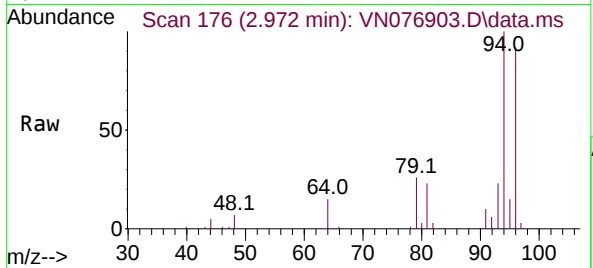
#5
Bromomethane
Concen: 17.183 ug/l
RT: 2.972 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 94 Resp: 48748
Ion Ratio Lower Upper
94 100
96 92.5 68.6 103.0

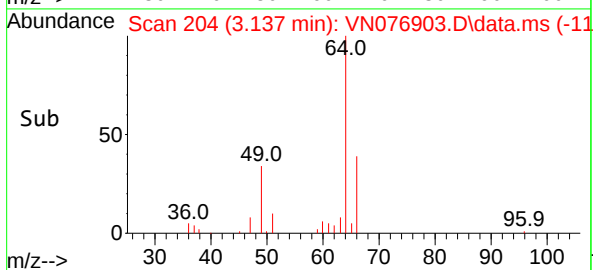
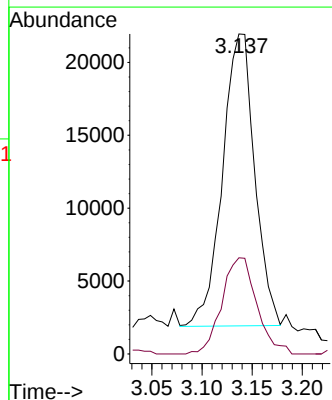
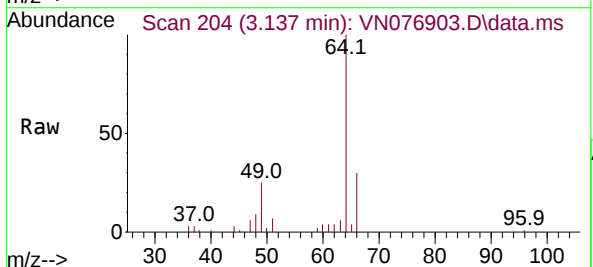
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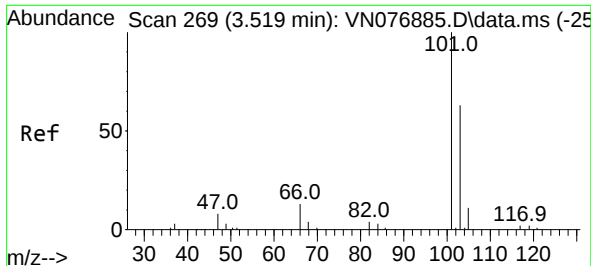
Reviewed By :John Carlone 03/10/2023
Supervised By :Mahesh Dadoda 03/10/2023



#6
Chloroethane
Concen: 17.141 ug/l
RT: 3.137 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

Tgt Ion: 64 Resp: 44683
Ion Ratio Lower Upper
64 100
66 33.0 23.8 35.6





#7
 Trichlorofluoromethane
 Concen: 22.190 ug/l
 RT: 3.513 min Scan# 203
 Delta R.T. 0.000 min
 Lab File: VN076903.D
 Acq: 09 Mar 2023 15:18

Instrument :

MSVOA_N

ClientSampleId :

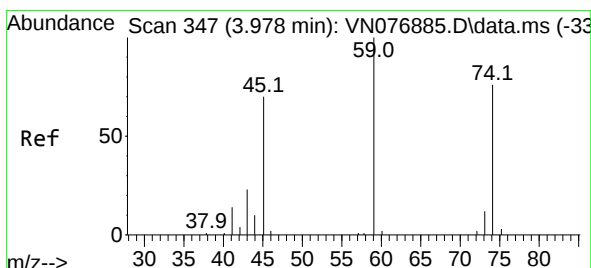
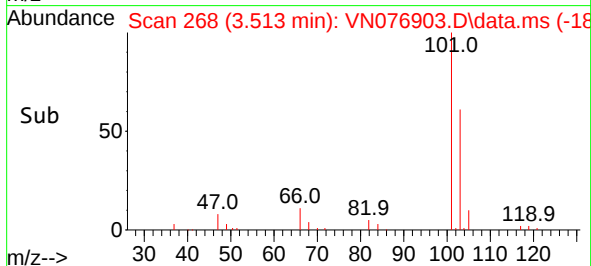
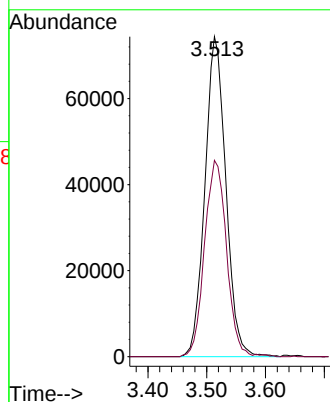
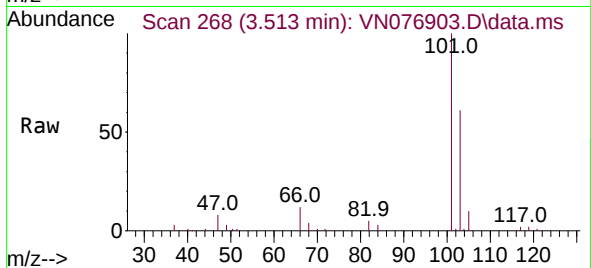
VSTDCCC020EC

Tgt Ion:101 Resp: 18390
 Ion Ratio Lower Upper
 101 100
 103 61.3 50.2 75.2

Manual Integrations

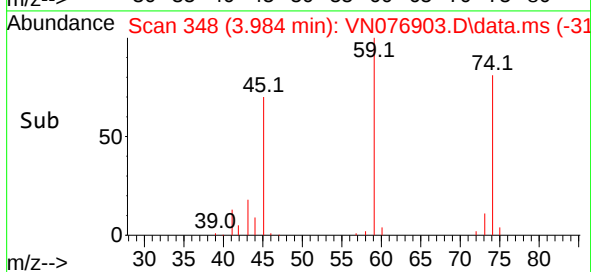
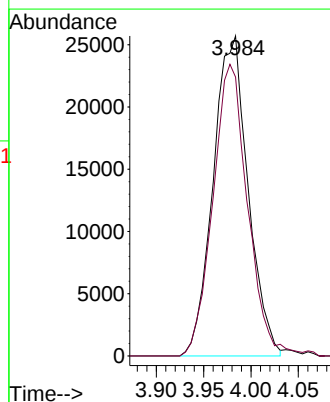
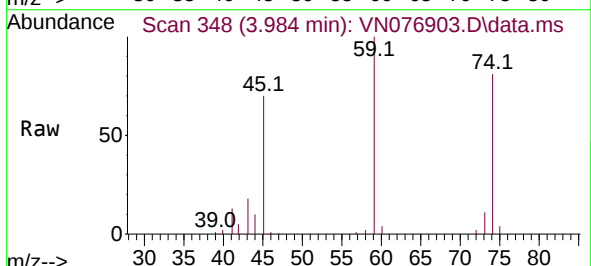
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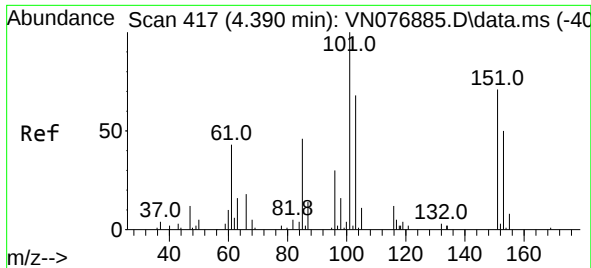
Reviewed By :John Carlone 03/10/2023
 Supervised By :Mahesh Dadoda 03/10/2023



#8
 Diethyl Ether
 Concen: 21.167 ug/l
 RT: 3.984 min Scan# 348
 Delta R.T. 0.012 min
 Lab File: VN076903.D
 Acq: 09 Mar 2023 15:18

Tgt Ion: 74 Resp: 65787
 Ion Ratio Lower Upper
 74 100
 45 90.9 21.4 193.0





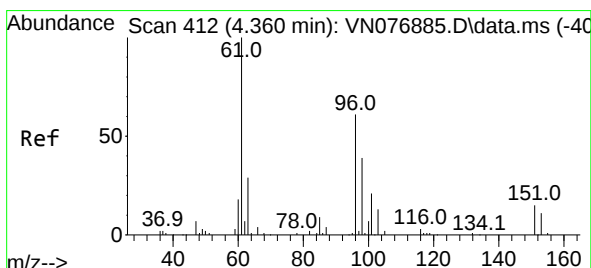
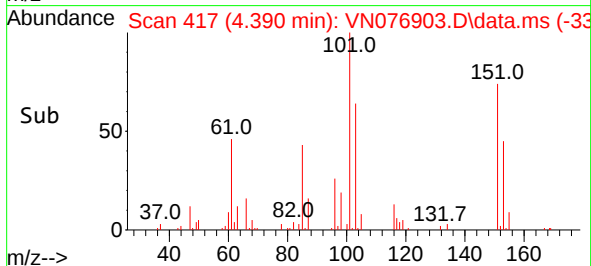
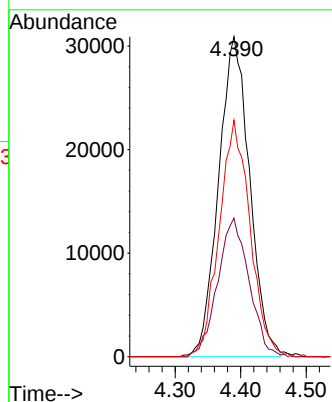
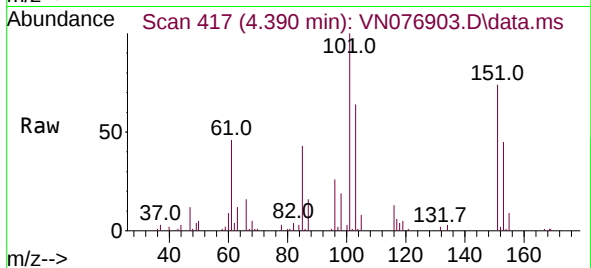
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.617 ug/l
RT: 4.390 min Scan# 417
Delta R.T. -0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 10149
Ion Ratio Lower Upper
101 100
85 43.7 0.0 95.2
151 73.2 0.0 142.2

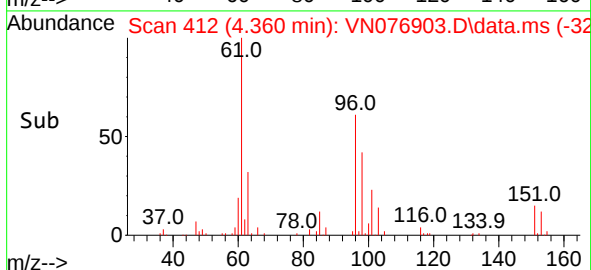
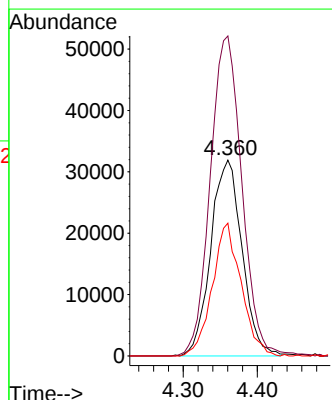
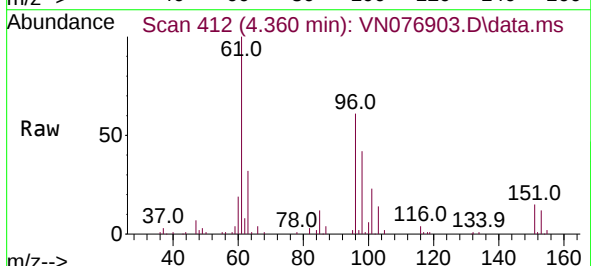
Manual Integrations
APPROVED

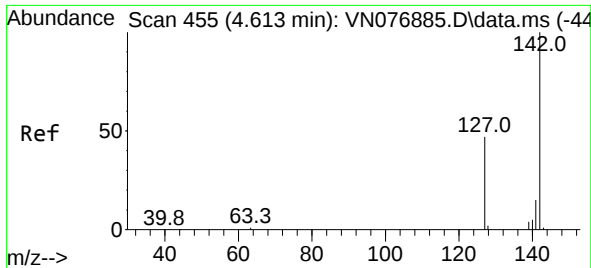
Reviewed By :John Carlone 03/10/2023
Supervised By :Mahesh Dadoda 03/10/2023



#10
1,1-Dichloroethene
Concen: 20.538 ug/l
RT: 4.360 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

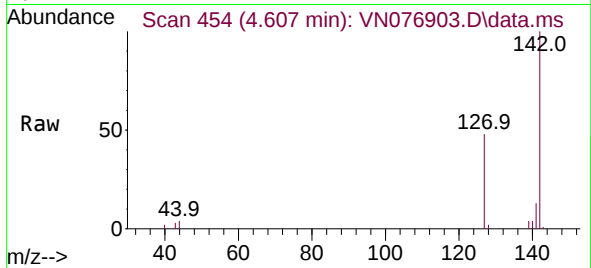
Tgt Ion: 96 Resp: 93596
Ion Ratio Lower Upper
96 100
61 162.6 137.1 205.7
98 67.8 53.2 79.8





#11
Methyl Iodide
Concen: 12.430 ug/l
RT: 4.607 min Scan# 455
Delta R.T. 0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

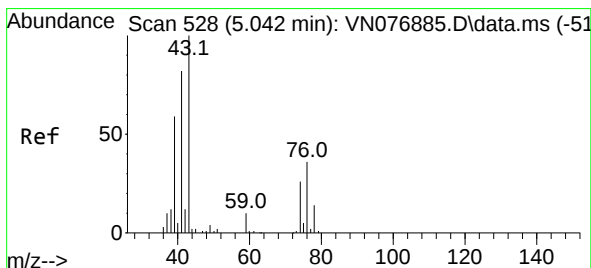
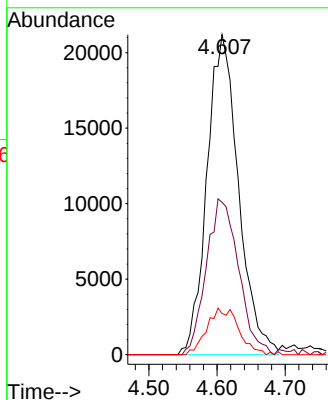
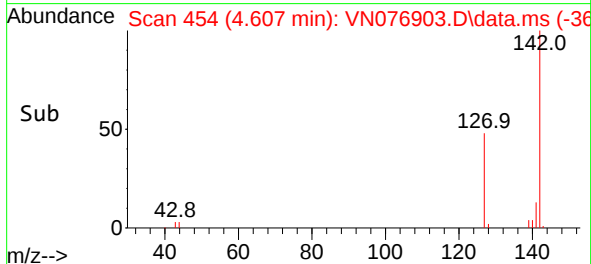
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 68252
Ion Ratio Lower Upper
142 100
127 47.1 25.0 75.0
141 12.5 8.0 24.0

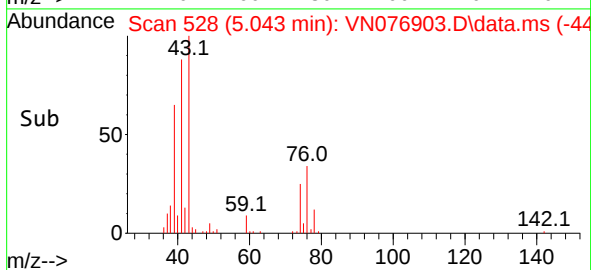
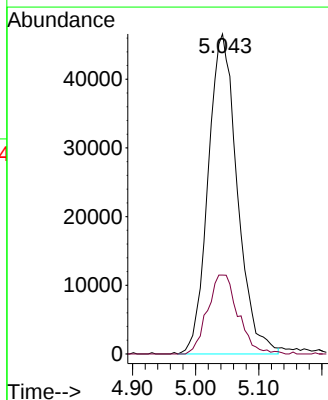
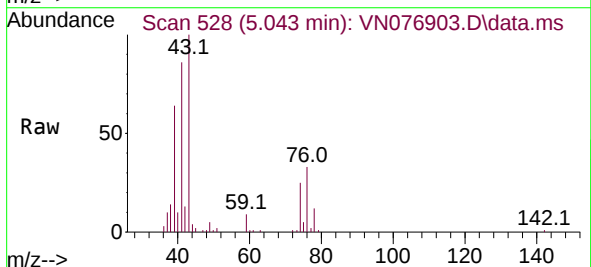
Manual Integrations
APPROVED

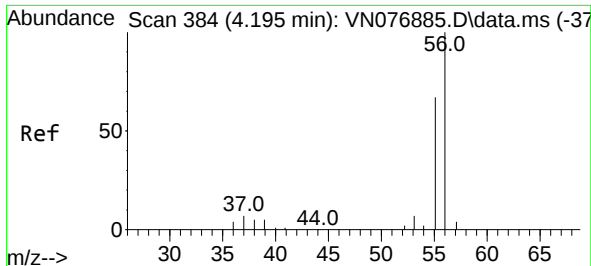
Reviewed By :John Carlone 03/10/2023
Supervised By :Mahesh Dadoda 03/10/2023



#12
Methyl Acetate
Concen: 19.976 ug/l
RT: 5.043 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

Tgt Ion: 43 Resp: 149727
Ion Ratio Lower Upper
43 100
74 24.5 19.0 28.4





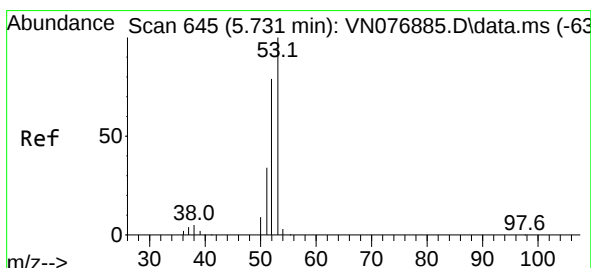
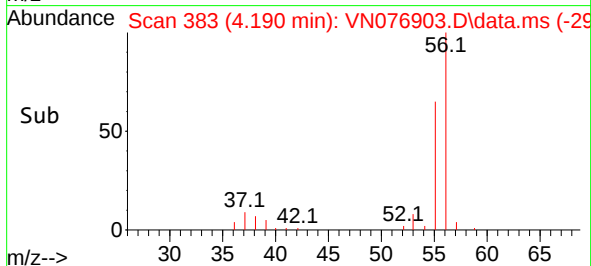
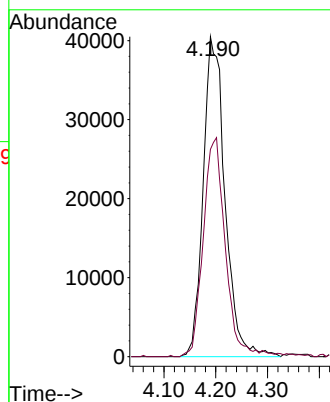
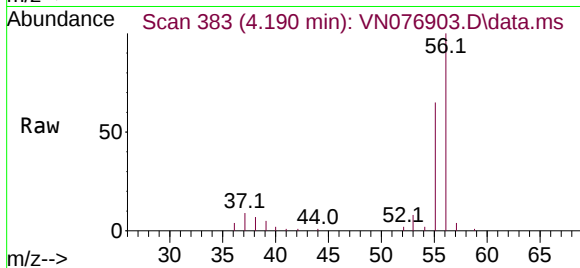
#13
Acrolein
Concen: 106.909 ug/l m
RT: 4.190 min Scan# 384
Delta R.T. -0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 56 Resp: 11846
Ion Ratio Lower Upper
56 100
55 0.1 55.0 82.4

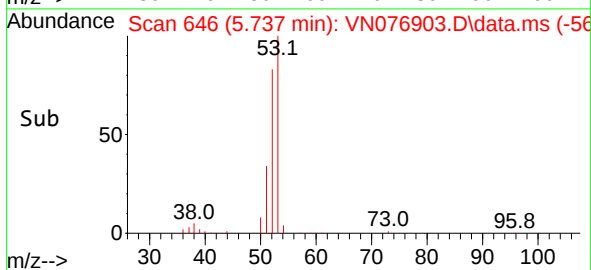
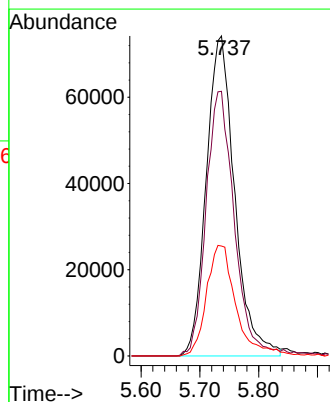
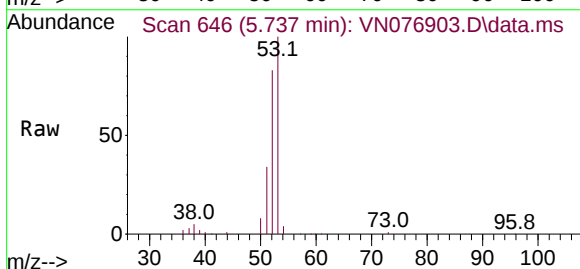
Manual Integrations
APPROVED

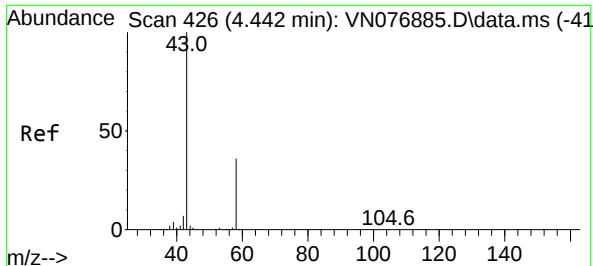
Reviewed By :John Carlone 03/10/2023
Supervised By :Mahesh Dadoda 03/10/2023



#14
Acrylonitrile
Concen: 100.875 ug/l
RT: 5.737 min Scan# 646
Delta R.T. -0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

Tgt Ion: 53 Resp: 249070
Ion Ratio Lower Upper
53 100
52 81.2 41.5 124.6
51 34.3 17.6 52.8





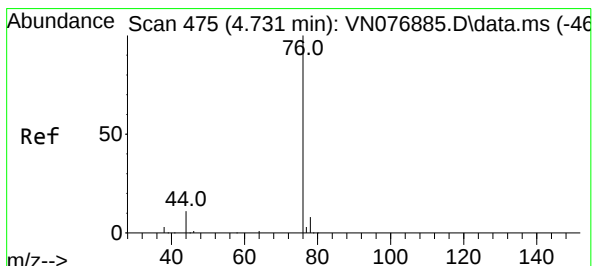
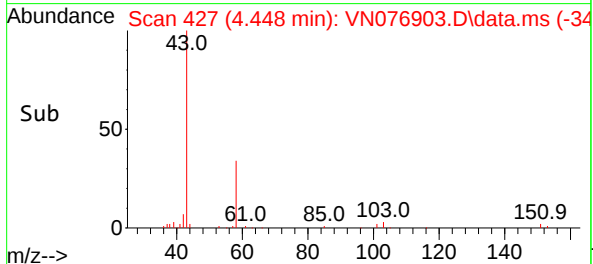
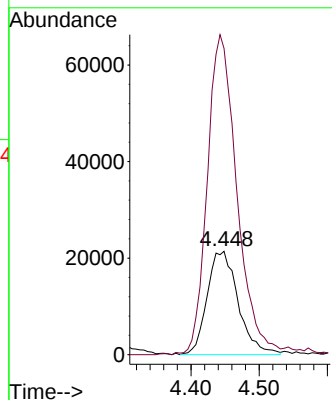
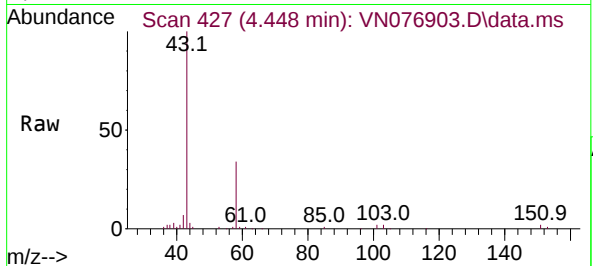
#15
Acetone
Concen: 101.085 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.011 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 58 Resp: 67920
Ion Ratio Lower Upper
58 100
43 294.4 255.4 383.0

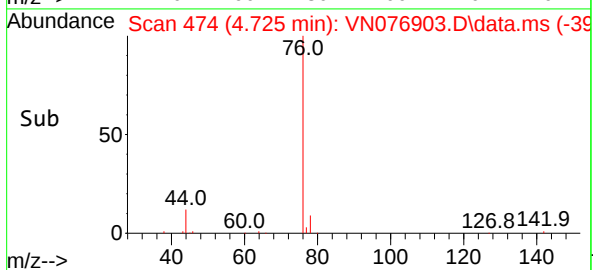
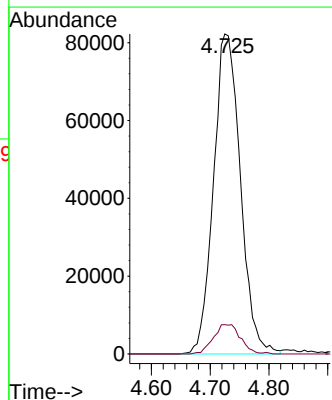
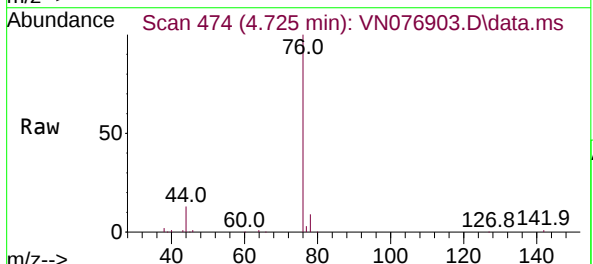
Manual Integrations
APPROVED

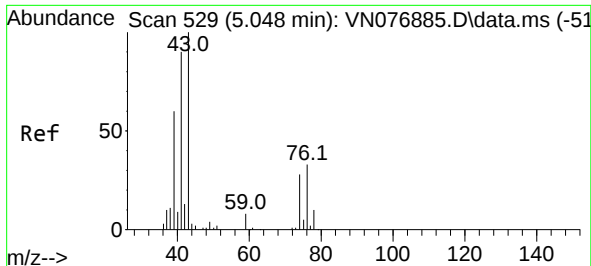
Reviewed By :John Carlone 03/10/2023
Supervised By :Mahesh Dadoda 03/10/2023



#16
Carbon Disulfide
Concen: 20.630 ug/l
RT: 4.725 min Scan# 474
Delta R.T. -0.006 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

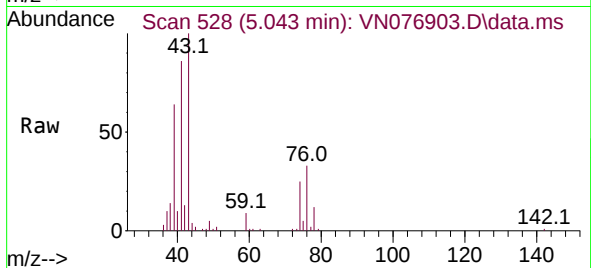
Tgt Ion: 76 Resp: 260682
Ion Ratio Lower Upper
76 100
78 9.1 6.6 9.8





#17
 Allyl chloride
 Concen: 19.639 ug/l
 RT: 5.043 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN076903.D
 Acq: 09 Mar 2023 15:18

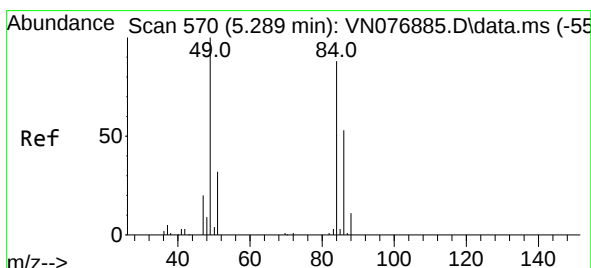
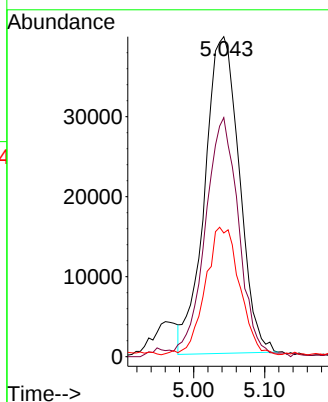
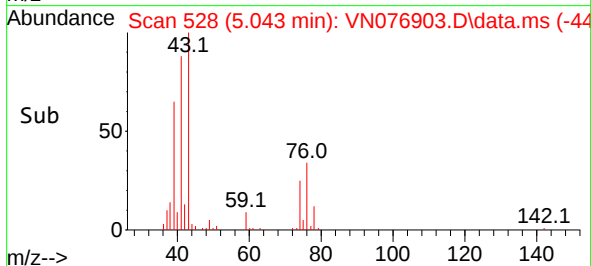
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 41 Resp: 134234
 Ion Ratio Lower Upper
 41 100
 39 74.7 34.8 104.3
 76 38.5 17.5 52.5

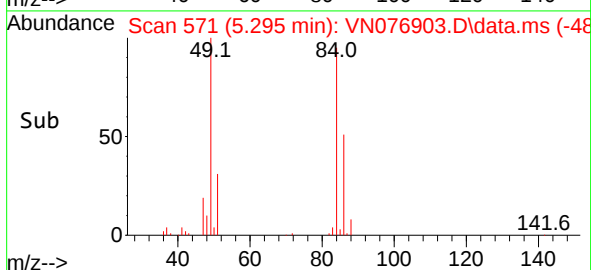
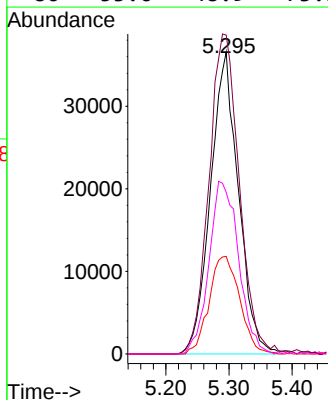
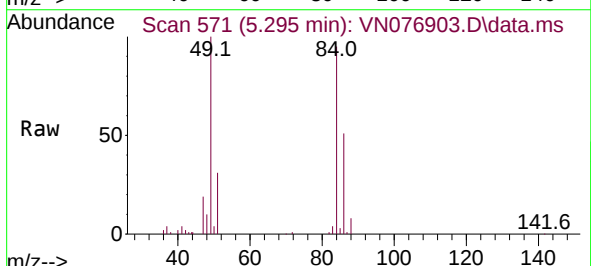
Manual Integrations
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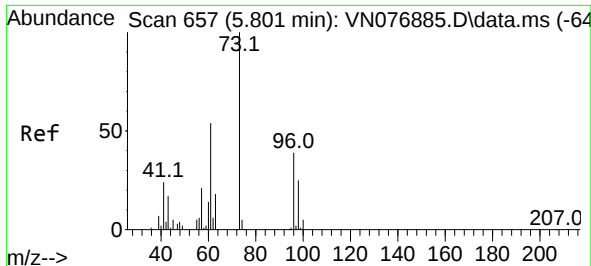
Reviewed By :John Carlone 03/10/2023
 Supervised By :Mahesh Dadoda 03/10/2023



#18
 Methylene Chloride
 Concen: 21.060 ug/l
 RT: 5.295 min Scan# 571
 Delta R.T. 0.000 min
 Lab File: VN076903.D
 Acq: 09 Mar 2023 15:18

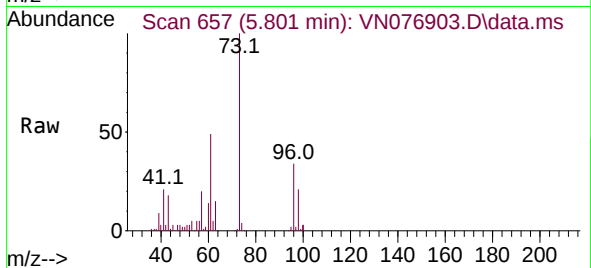
Tgt Ion: 84 Resp: 112259
 Ion Ratio Lower Upper
 84 100
 49 105.6 113.8 170.6#
 51 32.3 34.2 51.4#
 86 53.6 48.9 73.3





#19
trans-1,2-Dichloroethene
Concen: 20.743 ug/l
RT: 5.801 min Scan# 657
Delta R.T. 0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

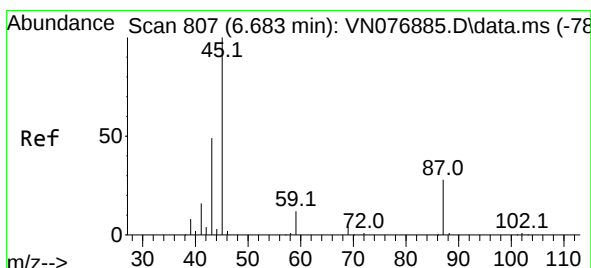
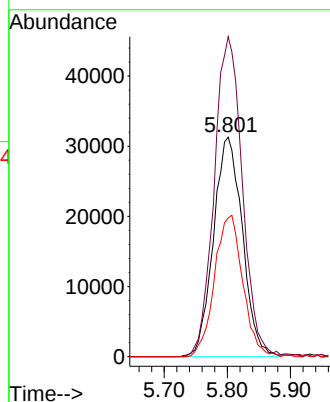
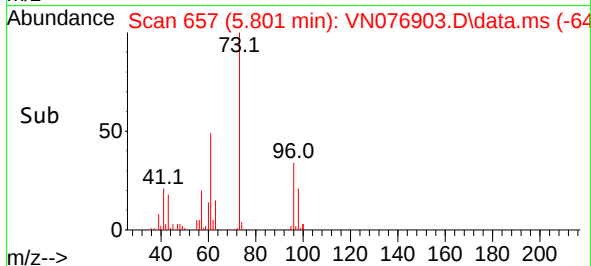
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 9960
Ion Ratio Lower Upper
96 100
61 145.8 111.0 166.4
98 63.2 55.0 82.6

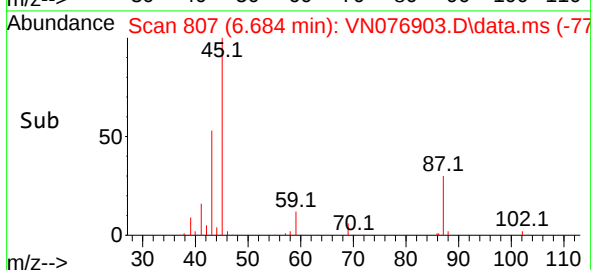
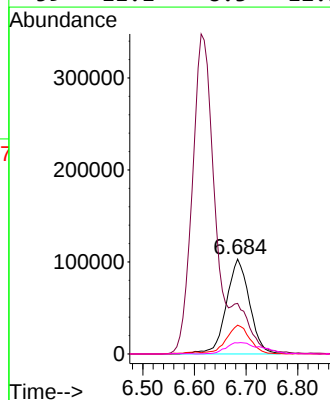
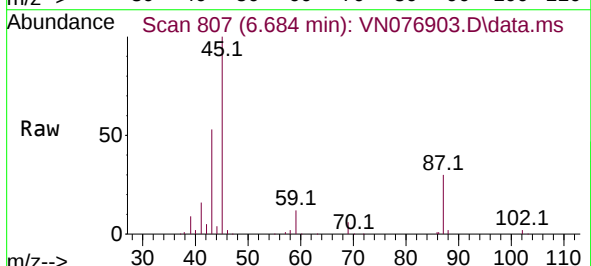
Manual Integrations
APPROVED

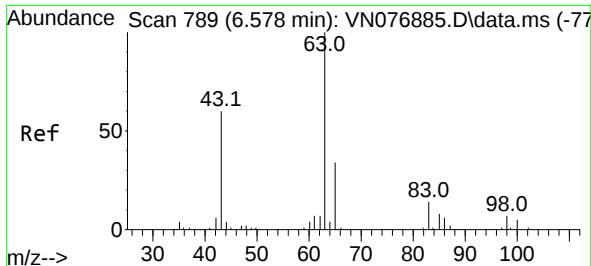
Reviewed By :John Carlone 03/10/2023
Supervised By :Mahesh Dadoda 03/10/2023



#20
Diisopropyl ether
Concen: 20.845 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.005 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

Tgt Ion: 45 Resp: 321416
Ion Ratio Lower Upper
45 100
43 51.0 38.6 58.0
87 30.1 20.1 30.1
59 11.1 8.3 12.5





#21

1,1-Dichloroethane

Concen: 21.058 ug/l

RT: 6.584 min Scan# 790

Delta R.T. 0.006 min

Lab File: VN076903.D

Acq: 09 Mar 2023 15:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 193230

Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.9

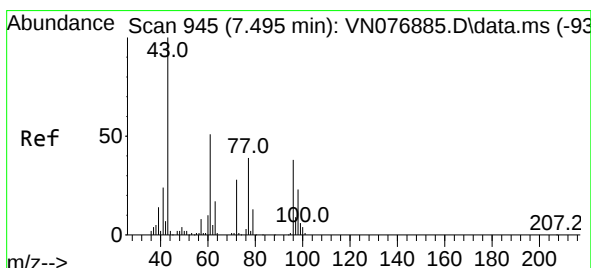
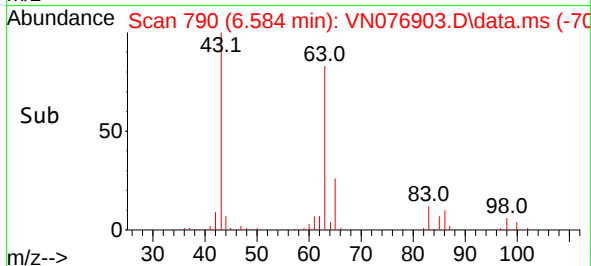
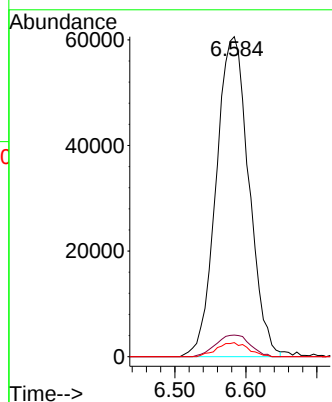
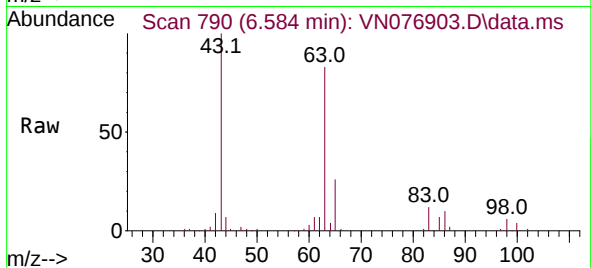
100 4.4 2.6 7.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/10/2023

Supervised By :Mahesh Dadoda 03/10/2023



#22

cis-1,2-Dichloroethene

Concen: 21.091 ug/l

RT: 7.501 min Scan# 946

Delta R.T. 0.006 min

Lab File: VN076903.D

Acq: 09 Mar 2023 15:18

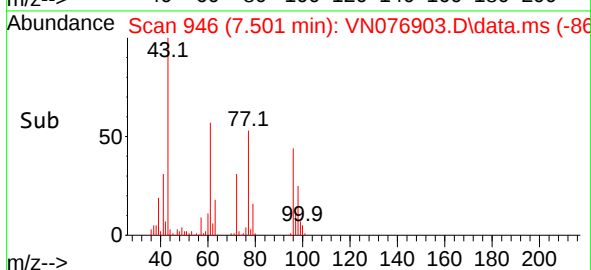
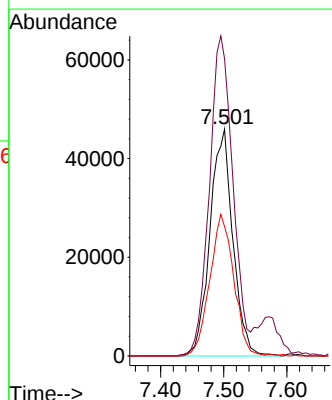
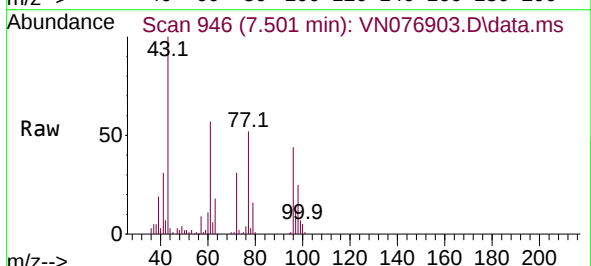
Tgt Ion: 96 Resp: 116063

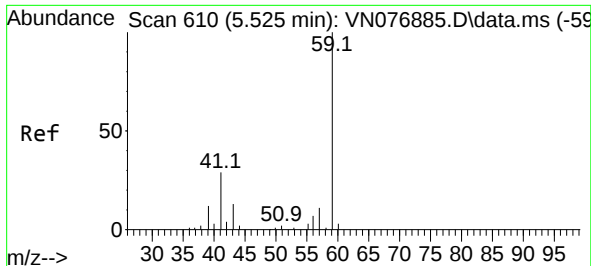
Ion Ratio Lower Upper

96 100

61 144.9 121.0 181.4

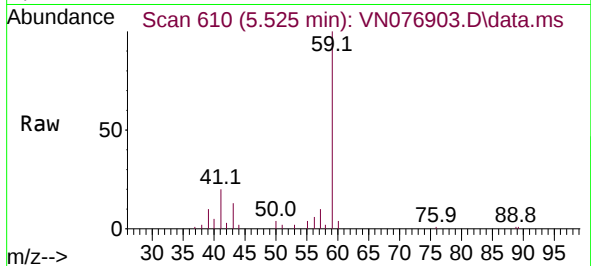
98 65.0 50.1 75.1





#23
tert-Butyl Alcohol
Concen: 98.979 ug/l
RT: 5.525 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

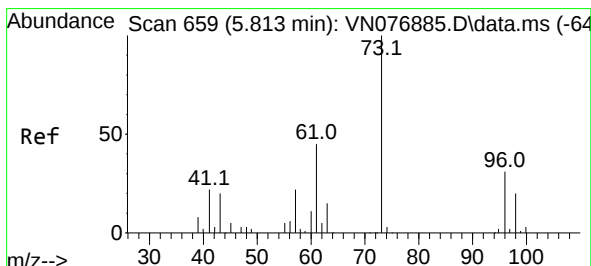
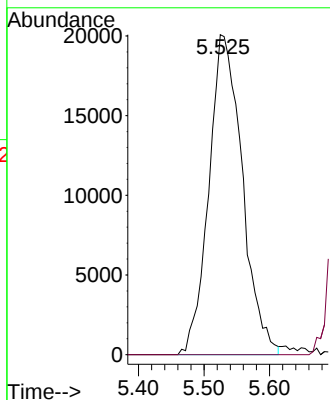
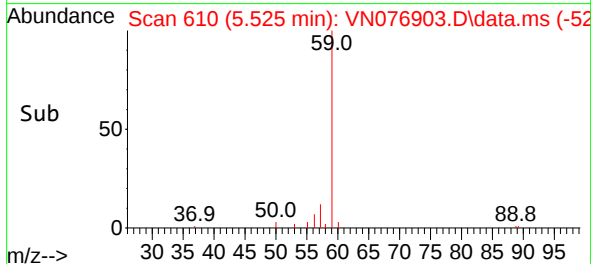
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 59 Resp: 7097
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2

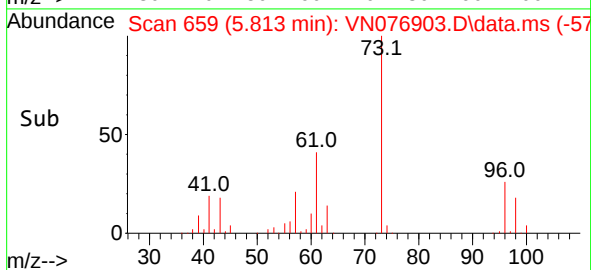
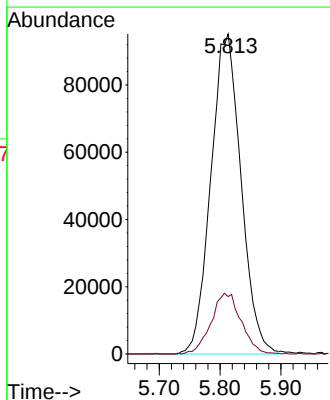
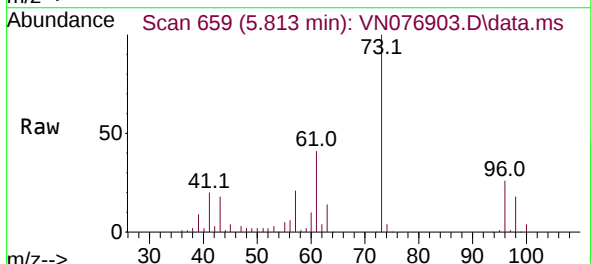
Manual Integrations
APPROVED

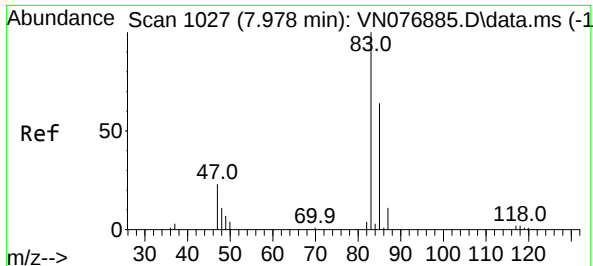
Reviewed By :John Carlone 03/10/2023
Supervised By :Mahesh Dadoda 03/10/2023



#24
Methyl tert-Butyl Ether
Concen: 22.052 ug/l
RT: 5.813 min Scan# 659
Delta R.T. 0.006 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

Tgt Ion: 73 Resp: 327647
Ion Ratio Lower Upper
73 100
43 18.9 17.8 26.6





#25

Chloroform

Concen: 21.149 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN076903.D

Acq: 09 Mar 2023 15:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 19936

Ion Ratio Lower Upper

83 100

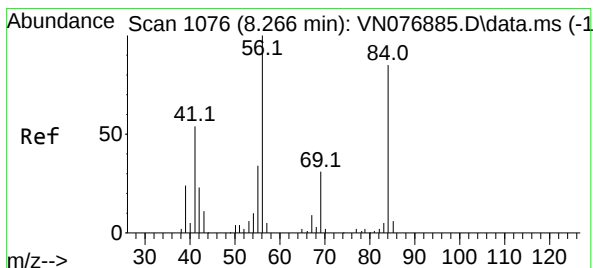
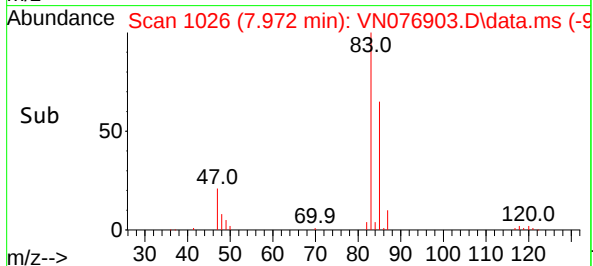
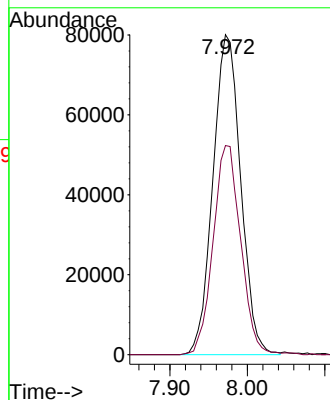
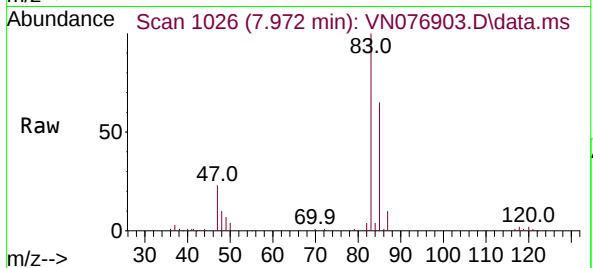
85 65.4 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/10/2023

Supervised By :Mahesh Dadoda 03/10/2023



#26

Cyclohexane

Concen: 19.875 ug/l

RT: 8.266 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VN076903.D

Acq: 09 Mar 2023 15:18

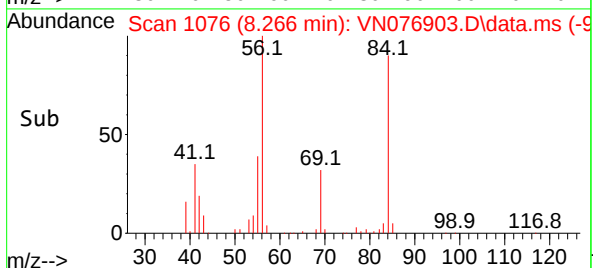
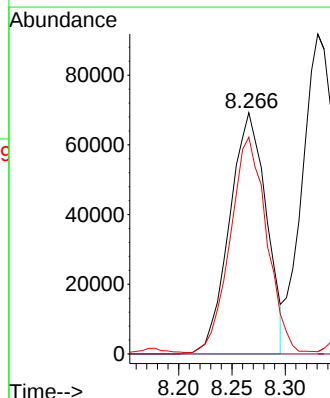
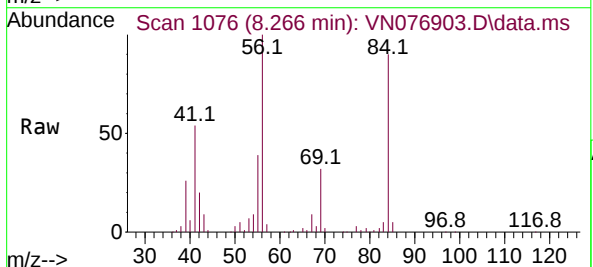
Tgt Ion: 56 Resp: 166514

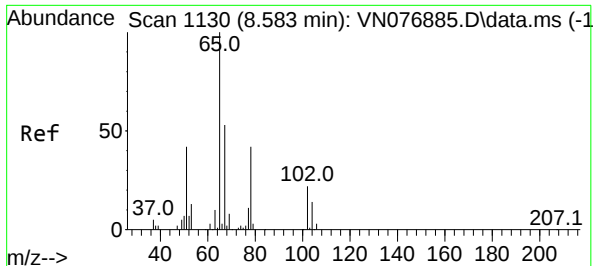
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

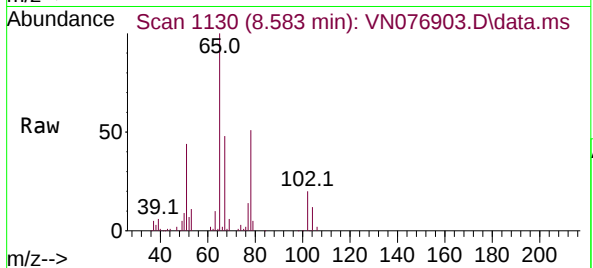
84 89.6 65.3 97.9





#27
1,2-Dichloroethane-d4
Concen: 29.993 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

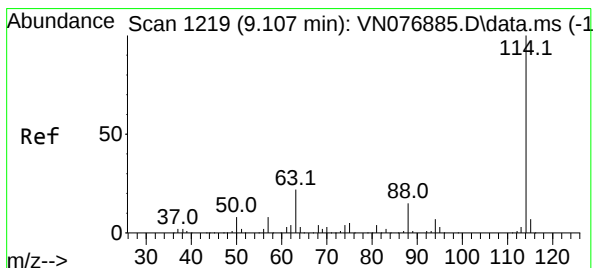
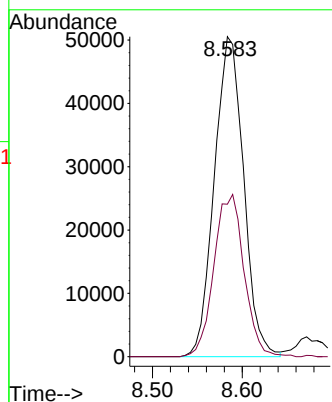
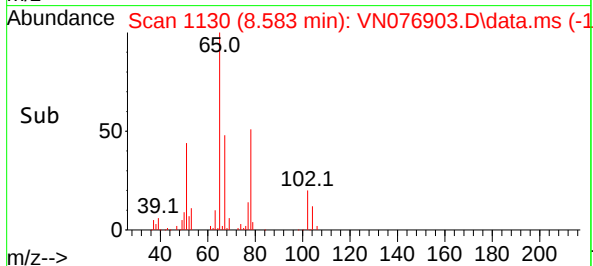
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



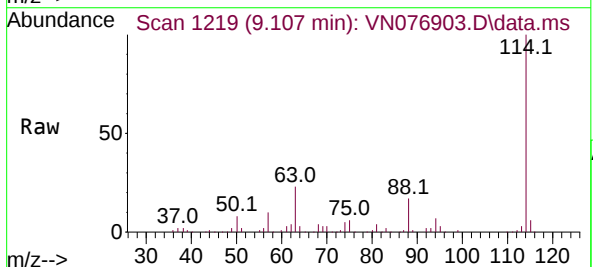
Tgt Ion: 65 Resp: 114660
Ion Ratio Lower Upper
65 100
67 52.0 40.9 61.3

Manual Integrations
APPROVED

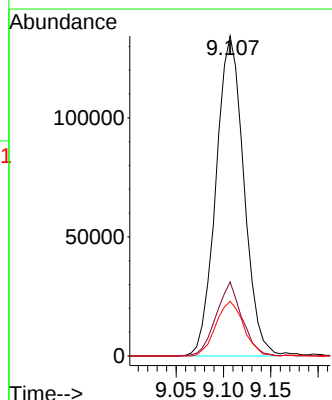
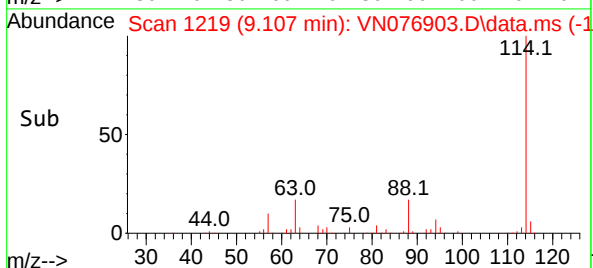
Reviewed By :John Carlone 03/10/2023
Supervised By :Mahesh Dadoda 03/10/2023

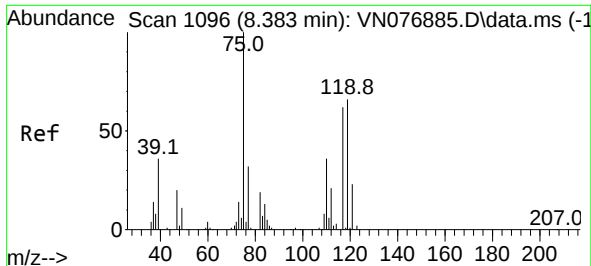


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18



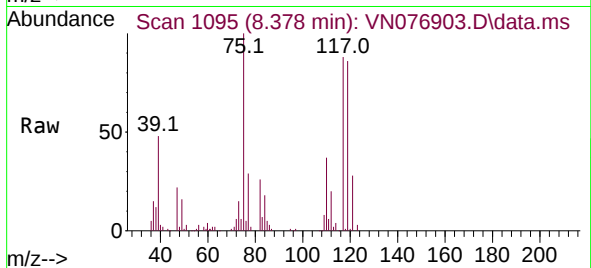
Tgt Ion:114 Resp: 275196
Ion Ratio Lower Upper
114 100
63 21.5 17.0 25.4
88 17.0 11.6 17.4





#29
1,1-Dichloropropene
Concen: 23.013 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

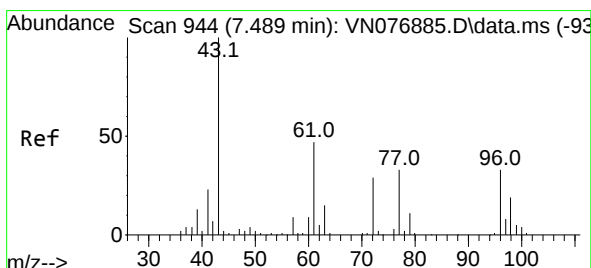
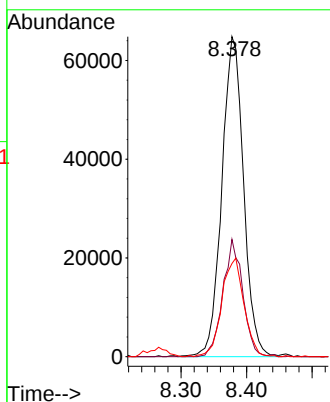
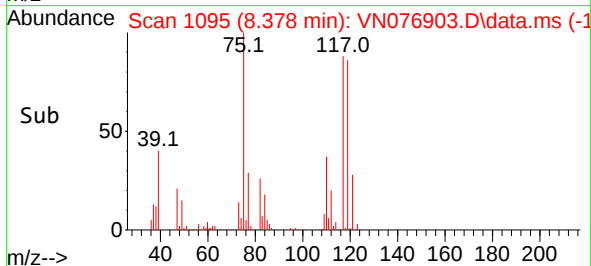
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



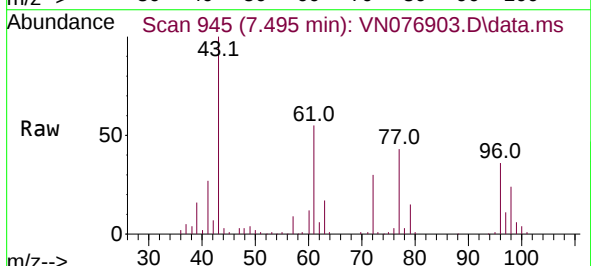
Tgt Ion: 75 Resp: 14916
Ion Ratio Lower Upper
75 100
110 33.4 0.0 67.2
77 31.4 0.0 64.4

Manual Integrations
APPROVED

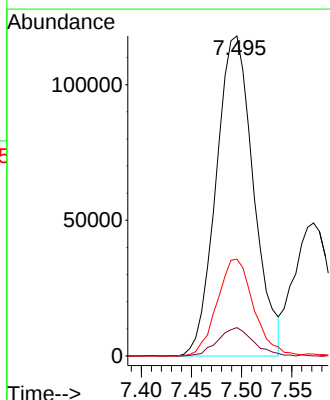
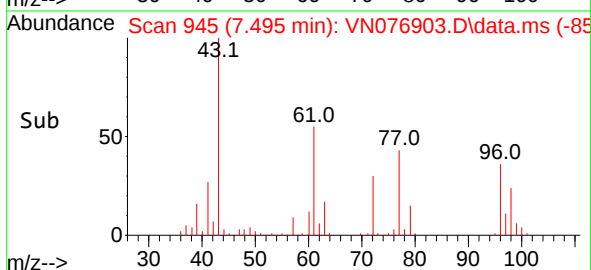
Reviewed By :John Carlone 03/10/2023
Supervised By :Mahesh Dadoda 03/10/2023

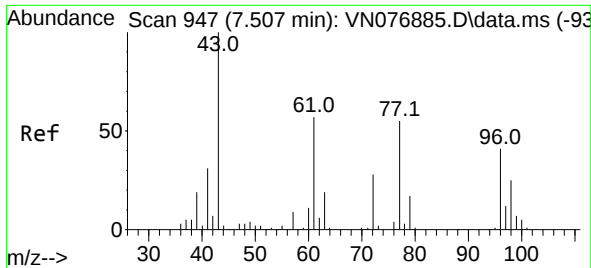


#30
2-Butanone
Concen: 103.745 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18



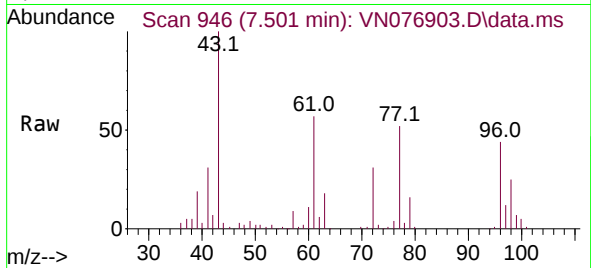
Tgt Ion: 43 Resp: 306804
Ion Ratio Lower Upper
43 100
57 8.4 6.1 9.1
72 29.5 20.2 30.4





#31
2,2-Dichloropropane
Concen: 23.685 ug/l
RT: 7.501 min Scan# 947
Delta R.T. 0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

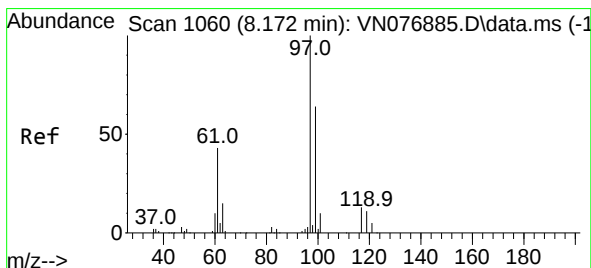
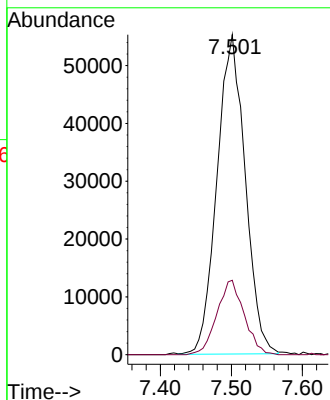
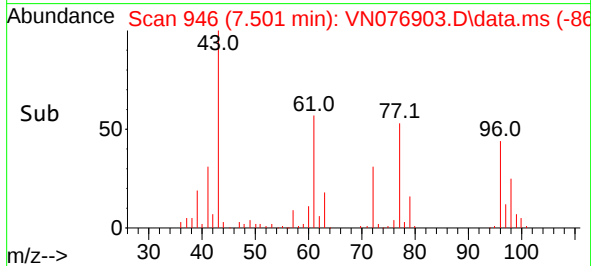
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 77 Resp: 152108
Ion Ratio Lower Upper
77 100
97 22.5 7.2 10.8

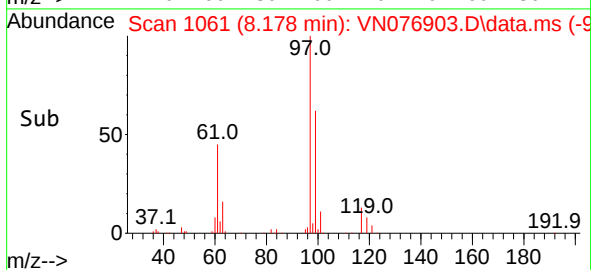
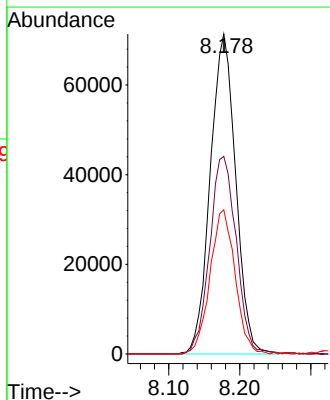
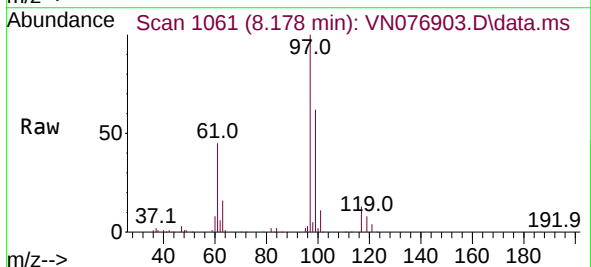
Manual Integrations
APPROVED

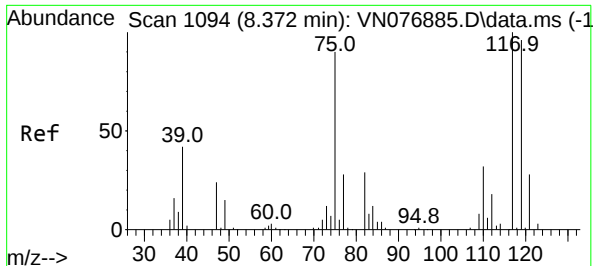
Reviewed By :John Carlone 03/10/2023
Supervised By :Mahesh Dadoda 03/10/2023



#32
1,1,1-Trichloroethane
Concen: 23.465 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

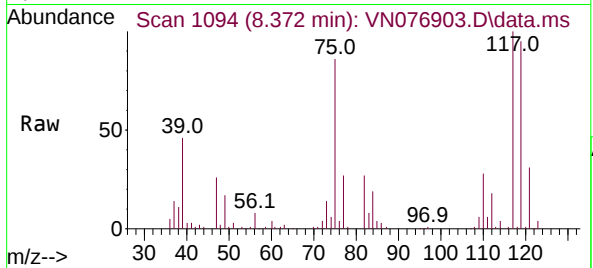
Tgt Ion: 97 Resp: 177412
Ion Ratio Lower Upper
97 100
99 64.6 51.8 77.8
61 44.3 39.3 58.9





#33
Carbon Tetrachloride
Concen: 23.989 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

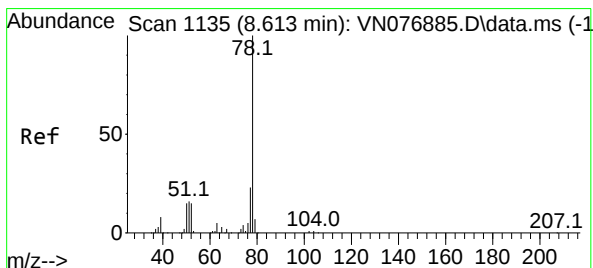
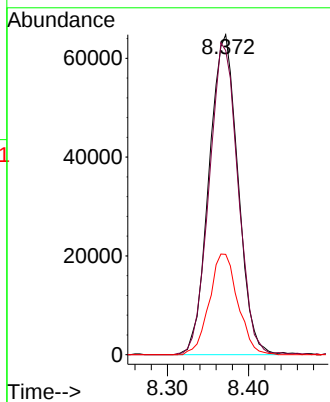
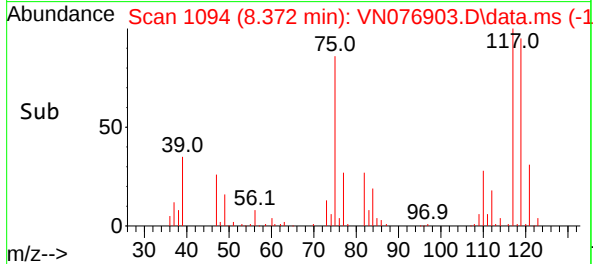
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



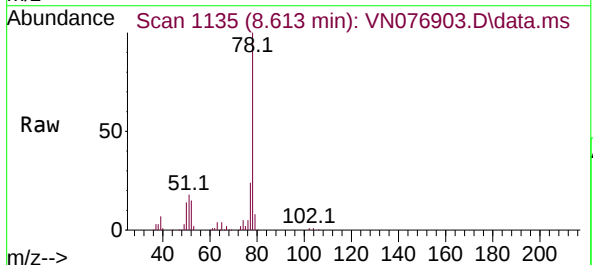
Tgt Ion: 117 Resp: 160372
Ion Ratio Lower Upper
117 100
119 94.6 79.8 119.8
121 31.4 23.4 35.0

Manual Integrations
APPROVED

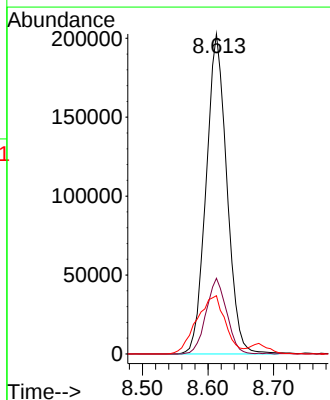
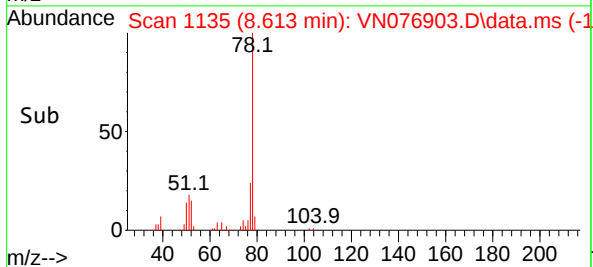
Reviewed By : John Carlone 03/10/2023
Supervised By : Mahesh Dadoda 03/10/2023

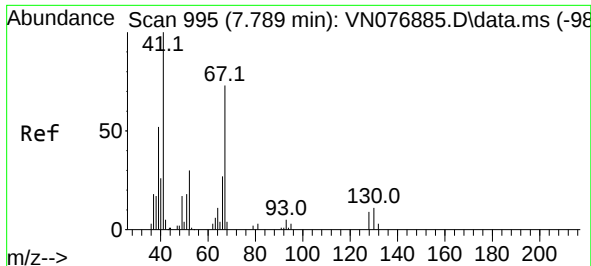


#34
Benzene
Concen: 22.404 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18



Tgt Ion: 78 Resp: 445215
Ion Ratio Lower Upper
78 100
77 23.7 17.4 26.2
51 17.8 13.8 20.6





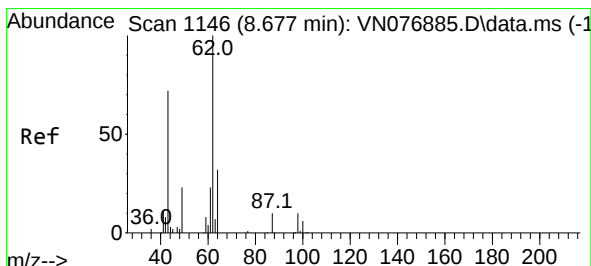
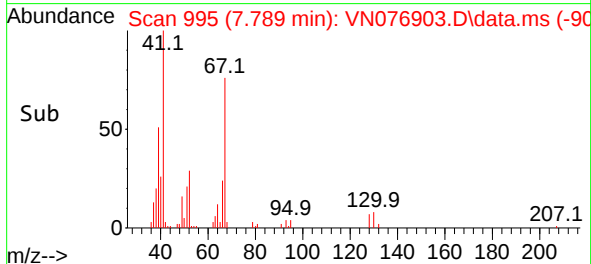
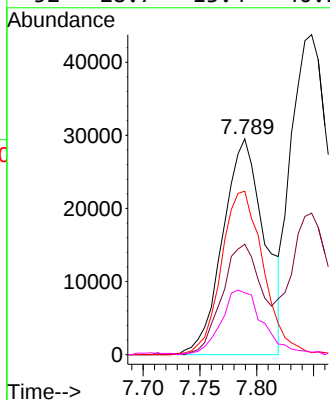
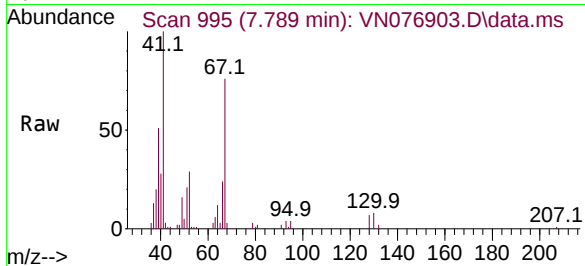
#35
Methacrylonitrile
Concen: 22.695 ug/l
RT: 7.789 min Scan# 995
Delta R.T. 0.005 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:	41	Resp:	7552
Ion Ratio	Lower	Upper	
41	100		
39	50.5	26.6	79.7
67	75.3	32.3	96.9
52	28.7	13.4	40.1

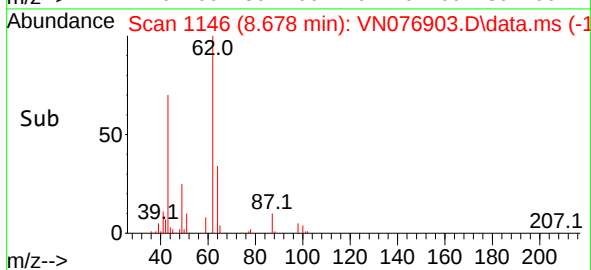
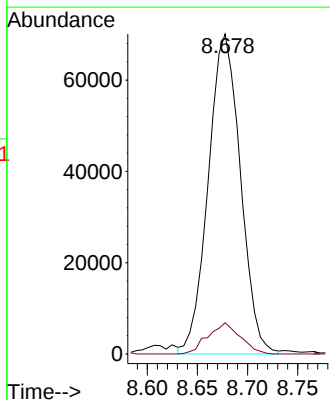
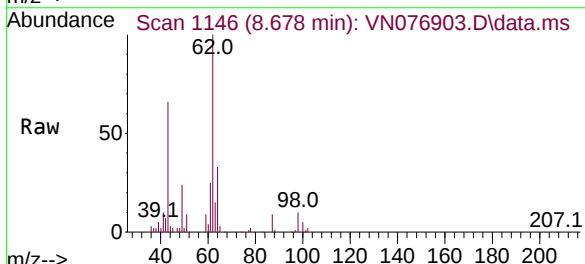
Manual Integrations
APPROVED

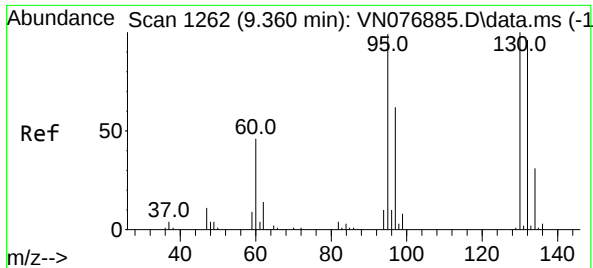
Reviewed By :John Carlone 03/10/2023
Supervised By :Mahesh Dadoda 03/10/2023



#36
1,2-Dichloroethane
Concen: 23.463 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

Tgt Ion:	62	Resp:	156282
Ion Ratio	Lower	Upper	
62	100		
98	9.8	7.4	11.0





#37
Trichloroethene
Concen: 21.257 ug/l
RT: 9.360 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

Instrument :

MSVOA_N

ClientSampleId :

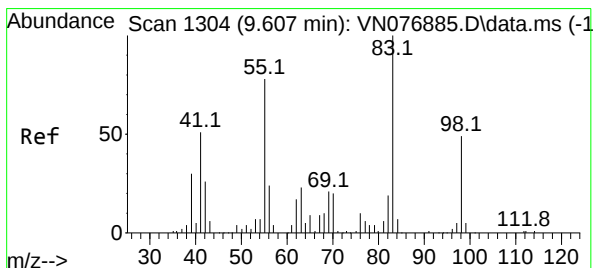
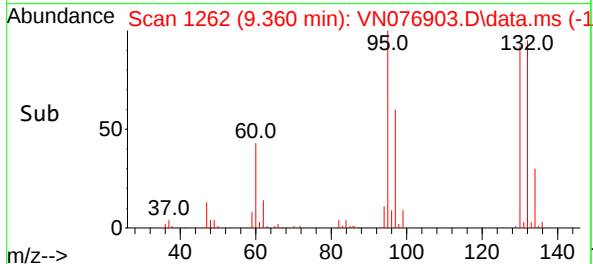
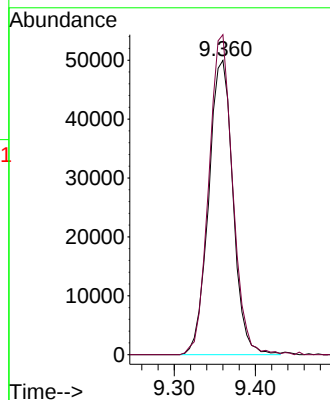
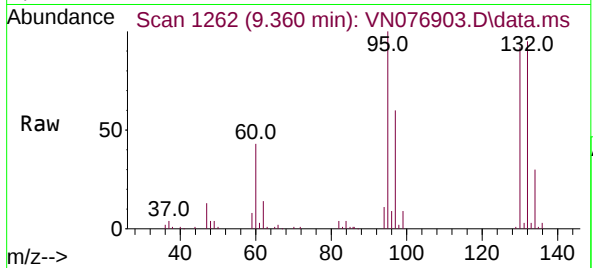
VSTDCCC020EC

Tgt Ion:130 Resp: 10411
Ion Ratio Lower Upper
130 100
95 108.8 78.7 118.1

Manual Integrations

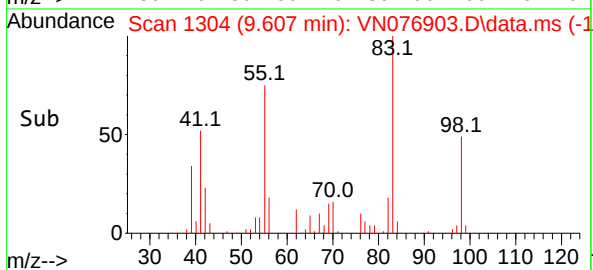
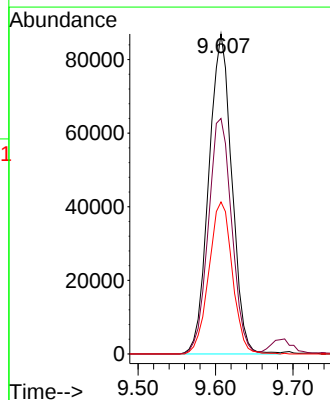
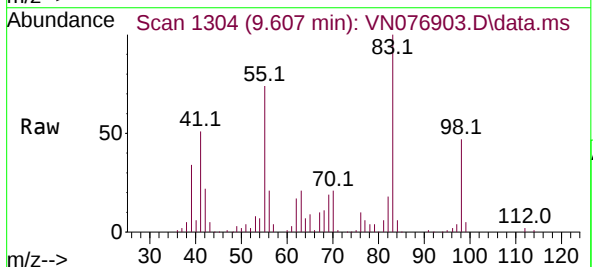
APPROVED

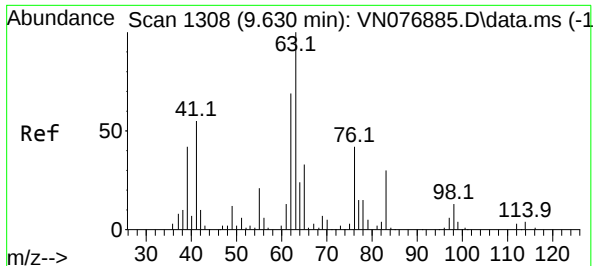
Reviewed By :John Carlone 03/10/2023
Supervised By :Mahesh Dadoda 03/10/2023



#38
Methylcyclohexane
Concen: 22.255 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

Tgt Ion: 83 Resp: 179560
Ion Ratio Lower Upper
83 100
55 74.8 37.6 112.9
98 48.2 24.1 72.4





#39

1,2-Dichloropropane

Concen: 21.650 ug/l

RT: 9.625 min Scan# 110540

Delta R.T. -0.000 min

Lab File: VN076903.D

Acq: 09 Mar 2023 15:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 110540

Ion Ratio Lower Upper

63 100

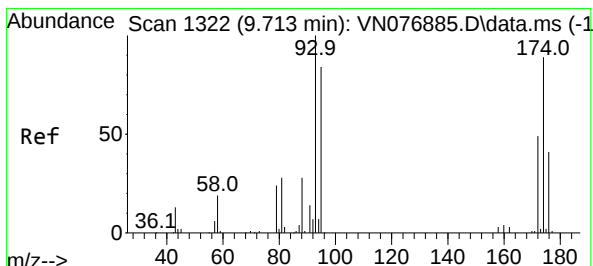
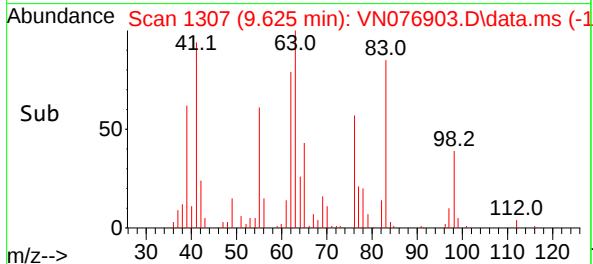
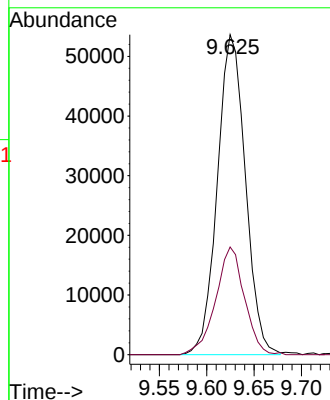
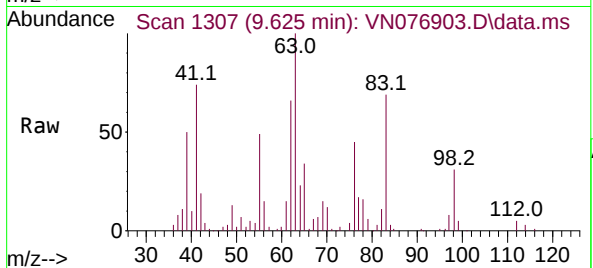
65 33.6 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/10/2023

Supervised By :Mahesh Dadoda 03/10/2023



#40

Dibromomethane

Concen: 22.859 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076903.D

Acq: 09 Mar 2023 15:18

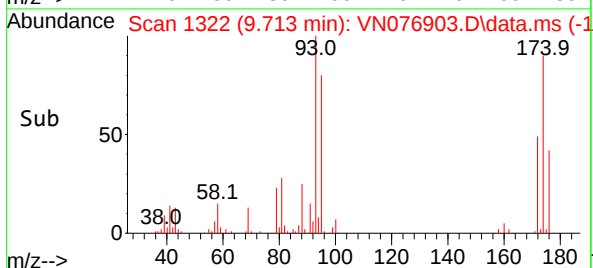
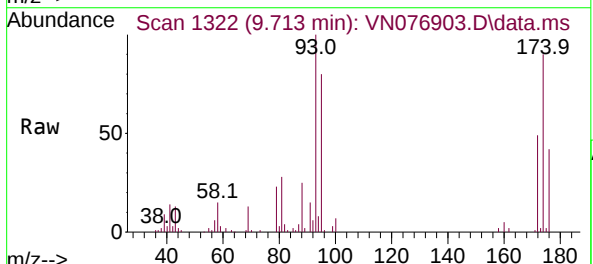
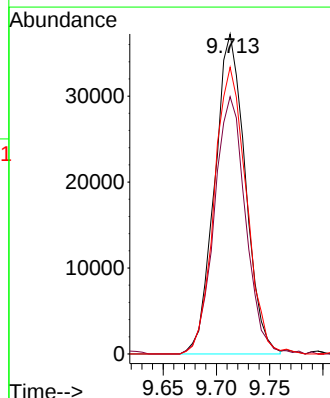
Tgt Ion: 93 Resp: 74355

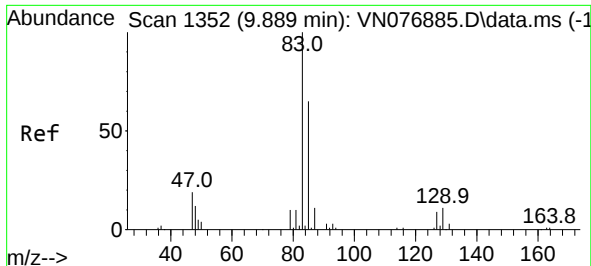
Ion Ratio Lower Upper

93 100

95 82.1 0.0 158.0

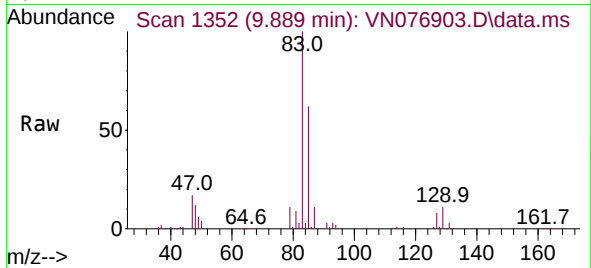
174 93.6 0.0 171.2





#41
Bromodichloromethane
Concen: 23.475 ug/l
RT: 9.889 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

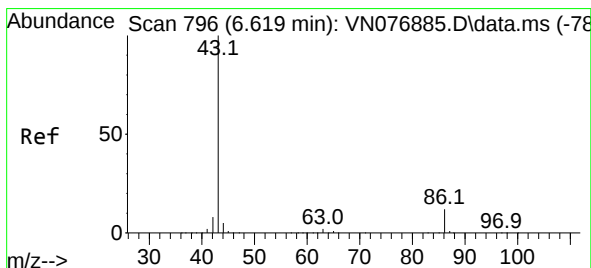
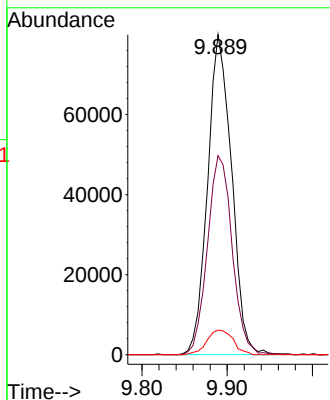
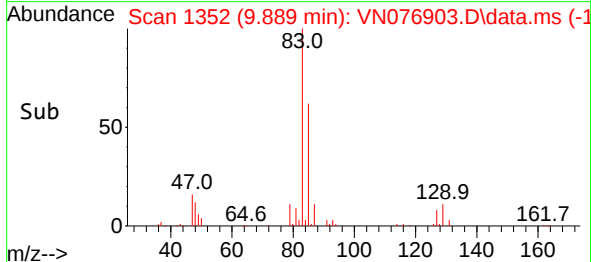
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 156490
Ion Ratio Lower Upper
83 100
85 62.2 51.0 76.4
127 7.7 6.2 9.2

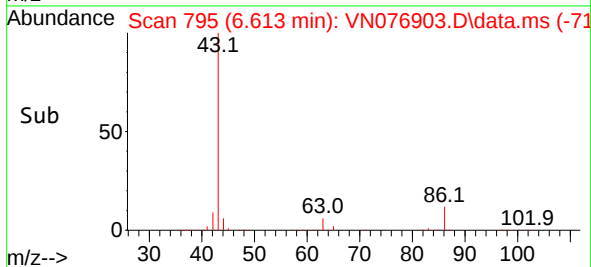
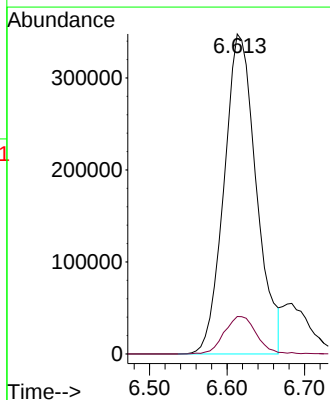
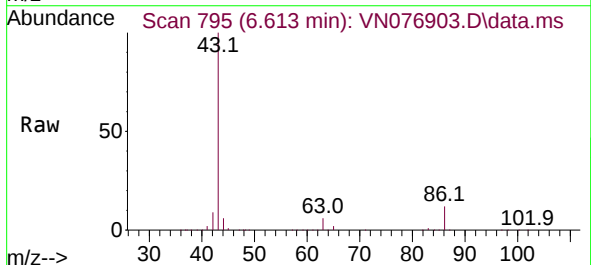
Manual Integrations
APPROVED

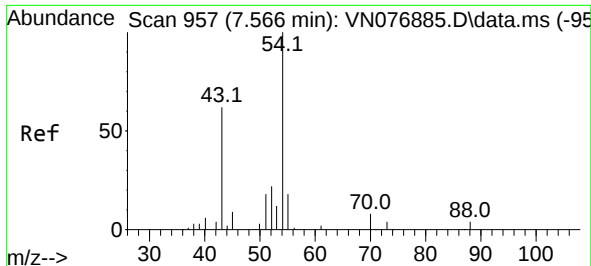
Reviewed By :John Carlone 03/10/2023
Supervised By :Mahesh Dadoda 03/10/2023



#42
Vinyl Acetate
Concen: 109.365 ug/l
RT: 6.613 min Scan# 795
Delta R.T. -0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

Tgt Ion: 43 Resp: 1008173
Ion Ratio Lower Upper
43 100
86 11.6 7.8 11.6





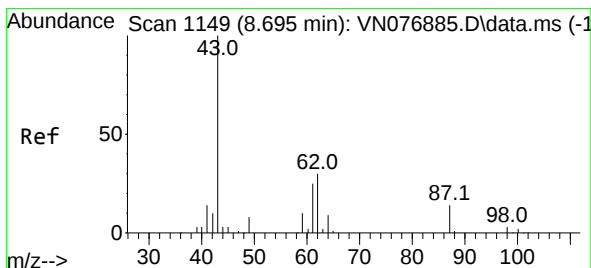
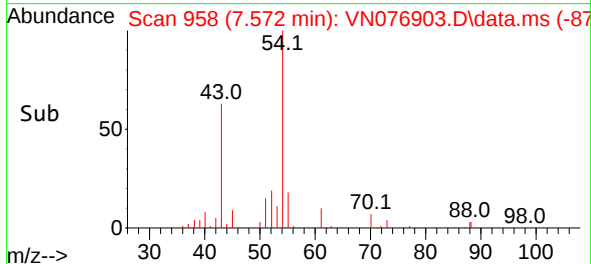
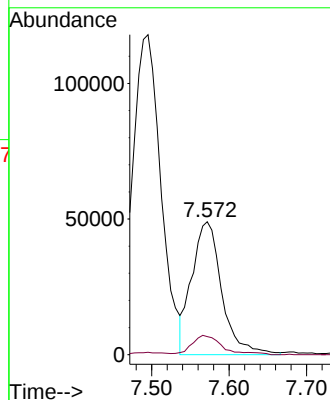
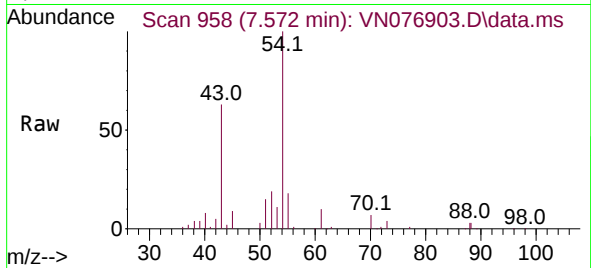
#43
Ethyl Acetate
Concen: 22.062 ug/l
RT: 7.572 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 13165
Ion Ratio Lower Upper
43 100
45 12.0 11.2 16.8

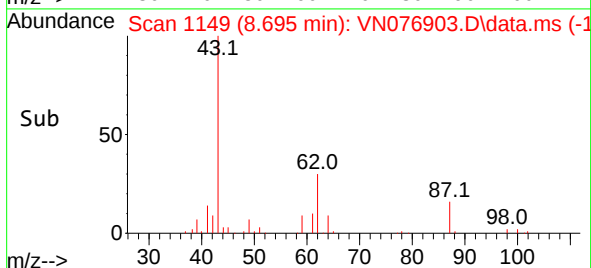
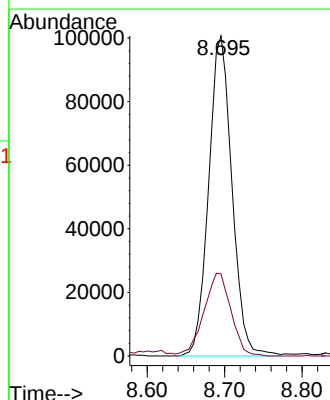
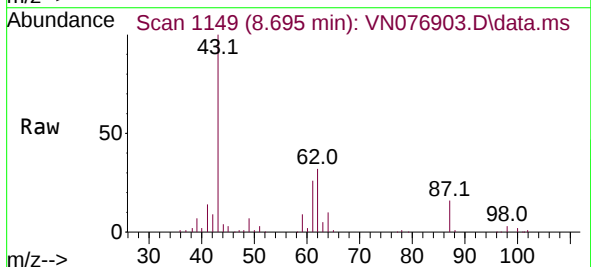
Manual Integrations
APPROVED

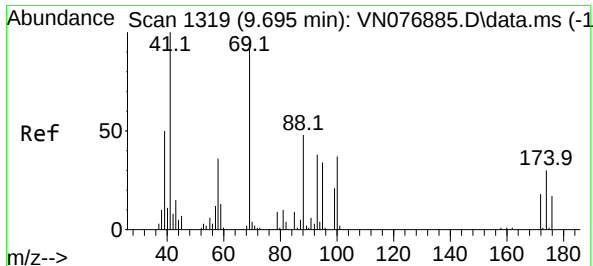
Reviewed By :John Carlone 03/10/2023
Supervised By :Mahesh Dadoda 03/10/2023



#44
Isopropyl Acetate
Concen: 21.741 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

Tgt Ion: 43 Resp: 210306
Ion Ratio Lower Upper
43 100
61 30.0 19.5 29.3#





#45

1,4-Dioxane

Concen: 426.660 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN076903.D

Acq: 09 Mar 2023 15:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

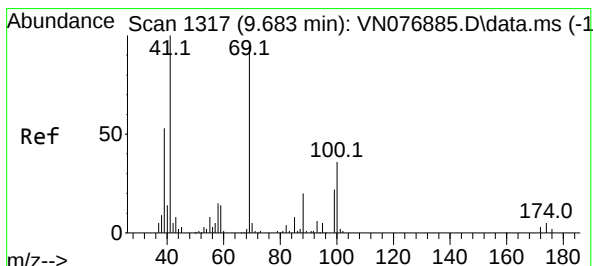
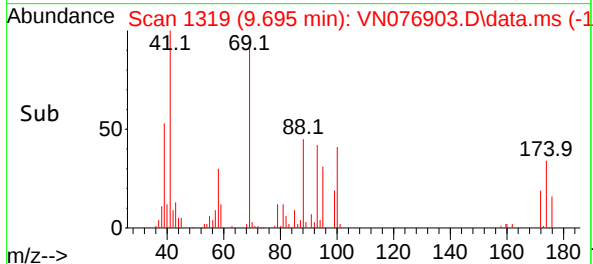
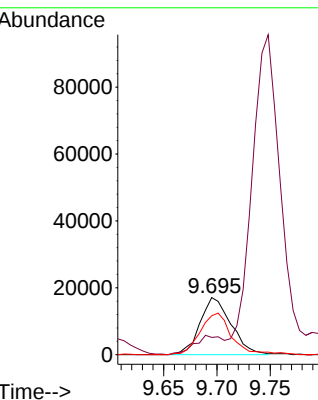
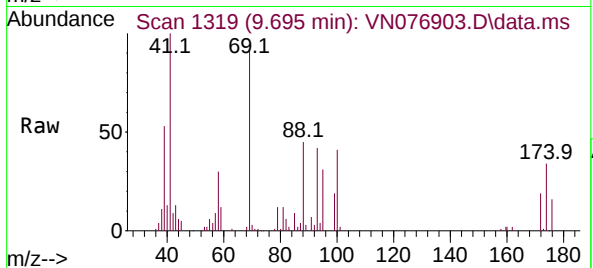
Tgt Ion: 88 Resp: 34720
 Ion Ratio Lower Upper
 88 100
 43 30.4 26.0 39.0
 58 74.0 54.3 81.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/10/2023

Supervised By :Mahesh Dadoda 03/10/2023



#46

Methyl methacrylate

Concen: 21.868 ug/l

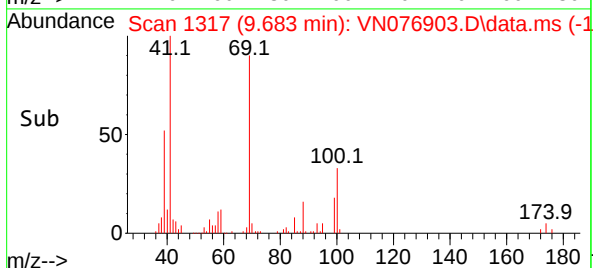
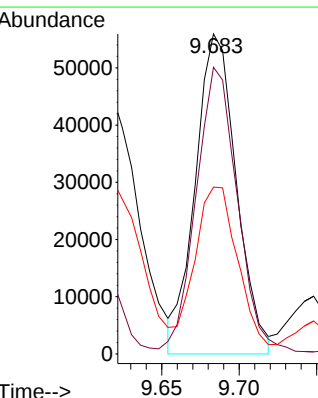
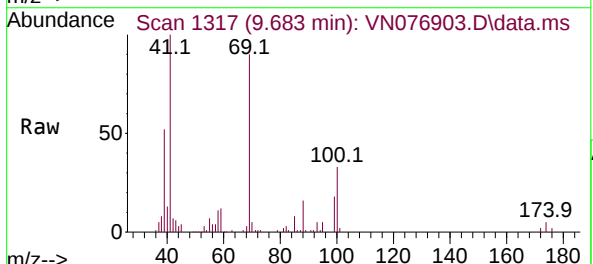
RT: 9.683 min Scan# 1317

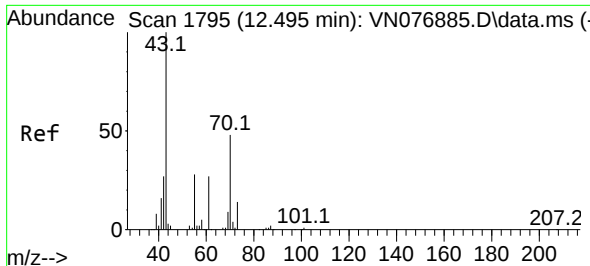
Delta R.T. 0.000 min

Lab File: VN076903.D

Acq: 09 Mar 2023 15:18

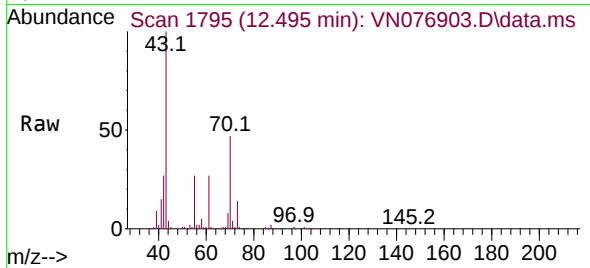
Tgt Ion: 41 Resp: 103014
 Ion Ratio Lower Upper
 41 100
 69 90.6 40.6 121.7
 39 52.0 30.5 91.5





#47
n-amy1 Acetate
Concen: 22.389 ug/l
RT: 12.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

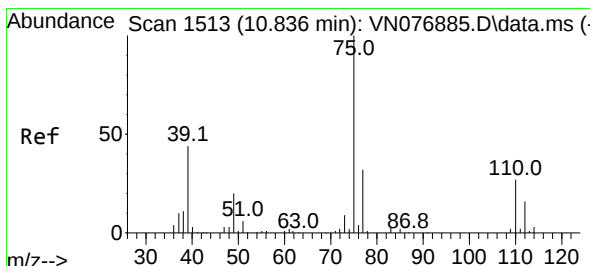
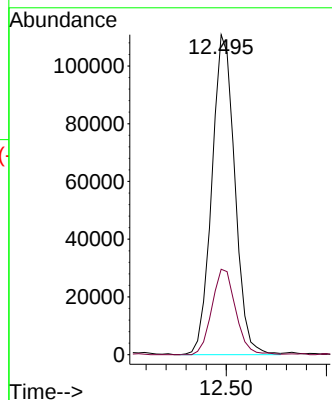
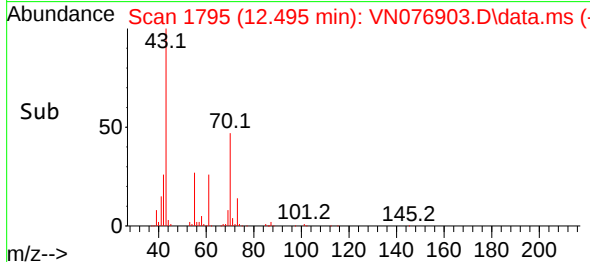
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



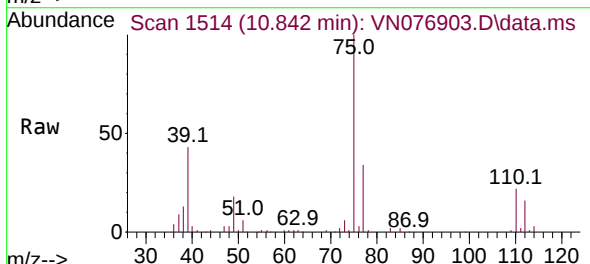
Tgt Ion: 43 Resp: 176249
Ion Ratio Lower Upper
43 100
55 27.4 18.3 27.5

Manual Integrations
APPROVED

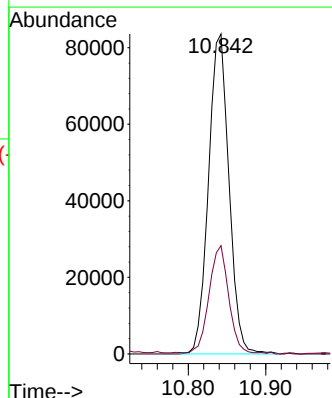
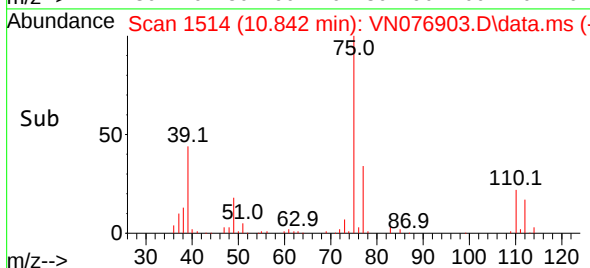
Reviewed By :John Carlone 03/10/2023
Supervised By :Mahesh Dadoda 03/10/2023

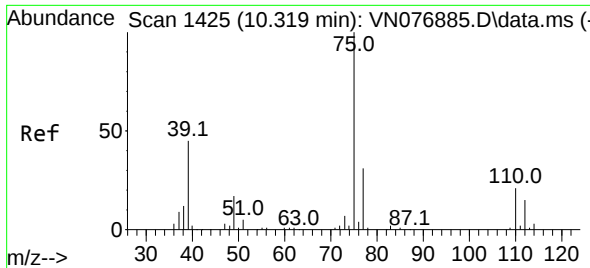


#48
t-1,3-Dichloropropene
Concen: 22.968 ug/l
RT: 10.842 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18



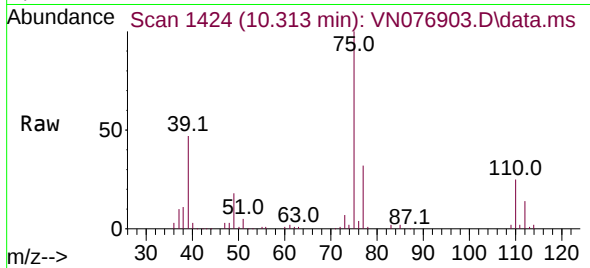
Tgt Ion: 75 Resp: 153354
Ion Ratio Lower Upper
75 100
77 33.9 25.4 38.2





#49
 cis-1,3-Dichloropropene
 Concen: 22.531 ug/l
 RT: 10.313 min Scan# 1425
 Delta R.T. -0.000 min
 Lab File: VN076903.D
 Acq: 09 Mar 2023 15:18

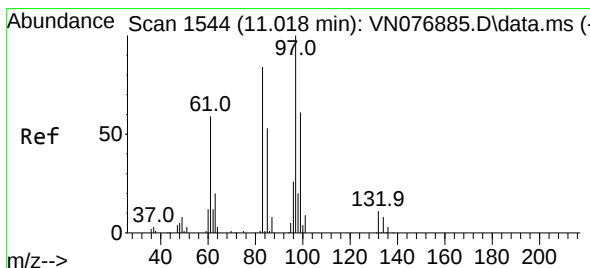
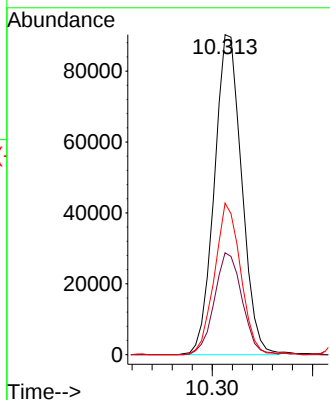
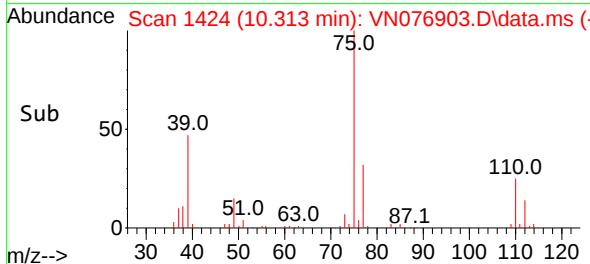
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 75 Resp: 170870
 Ion Ratio Lower Upper
 75 100
 77 31.8 27.5 41.3
 39 47.3 43.5 65.3

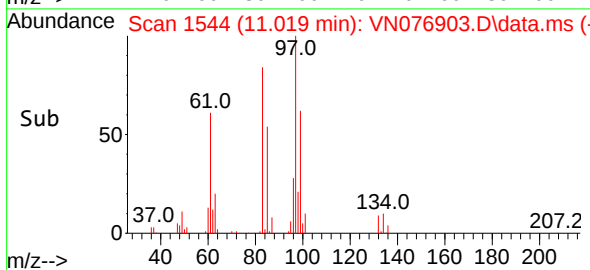
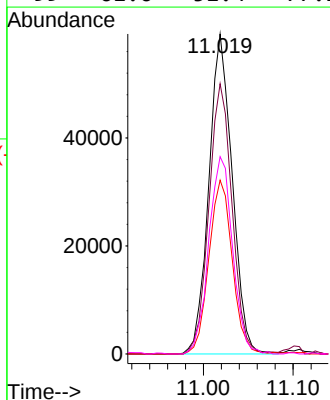
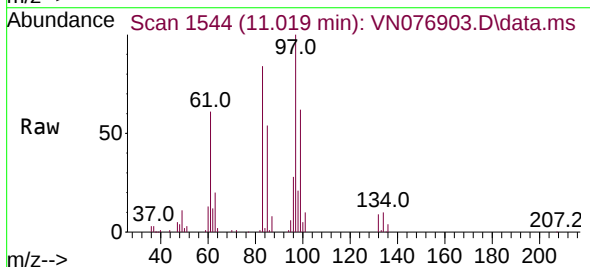
Manual Integrations
 APPROVED

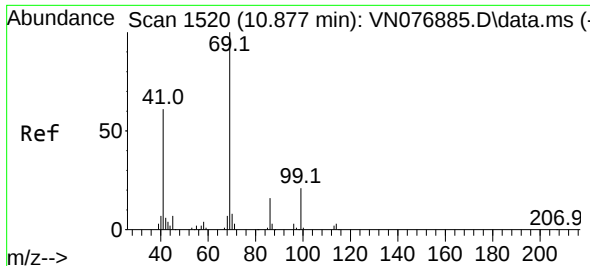
Reviewed By :John Carlone 03/10/2023
 Supervised By :Mahesh Dadoda 03/10/2023



#50
 1,1,2-Trichloroethane
 Concen: 22.463 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN076903.D
 Acq: 09 Mar 2023 15:18

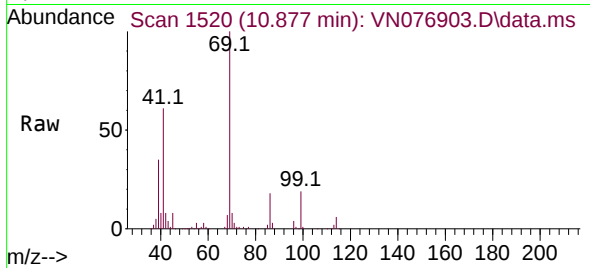
Tgt Ion: 97 Resp: 107046
 Ion Ratio Lower Upper
 97 100
 83 84.5 71.0 106.4
 85 54.3 45.5 68.3
 99 61.6 51.4 77.2





#51
Ethyl methacrylate
Concen: 22.375 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

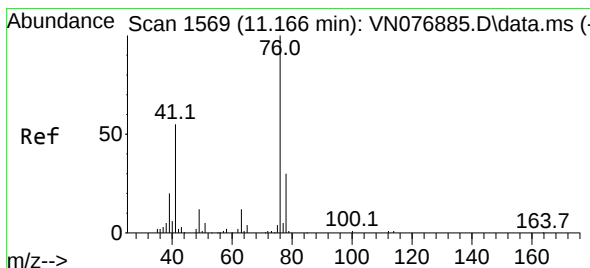
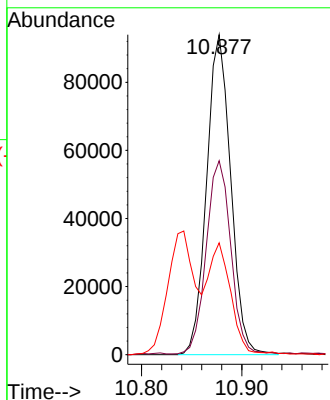
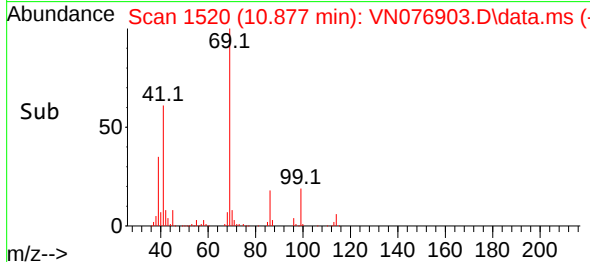
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 157188
Ion Ratio Lower Upper
69 100
41 60.3 36.3 108.7
39 34.6 19.9 59.7

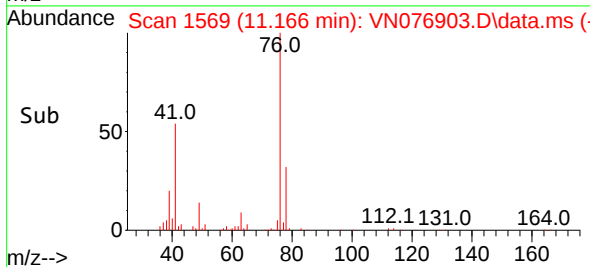
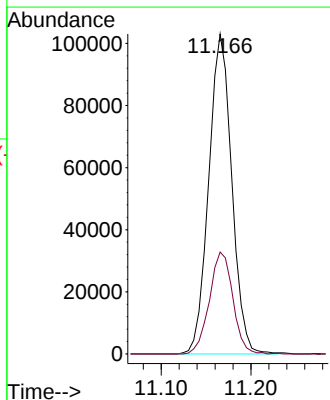
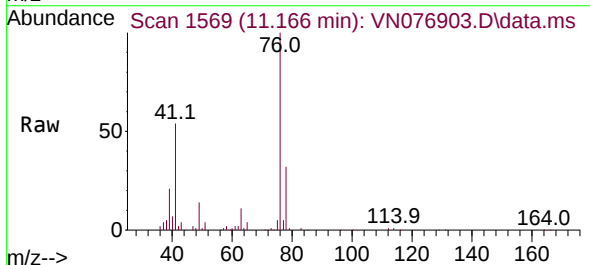
Manual Integrations
APPROVED

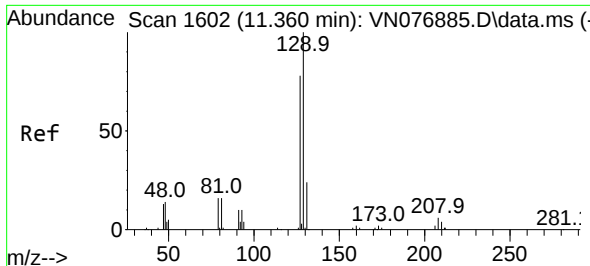
Reviewed By :John Carlone 03/10/2023
Supervised By :Mahesh Dadoda 03/10/2023



#52
1,3-Dichloropropane
Concen: 22.332 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

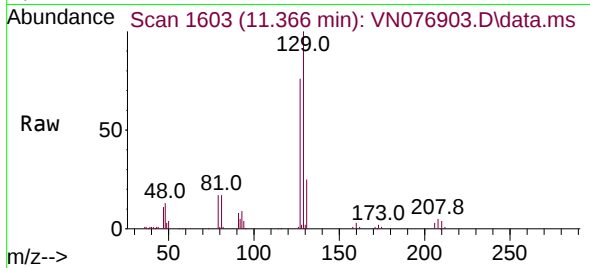
Tgt Ion: 76 Resp: 183814
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.4





#53
Dibromochloromethane
Concen: 23.565 ug/l
RT: 11.366 min Scan# 1602
Delta R.T. 0.006 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

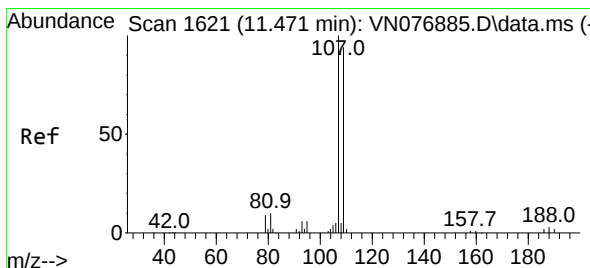
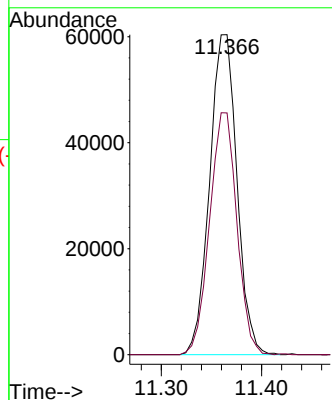
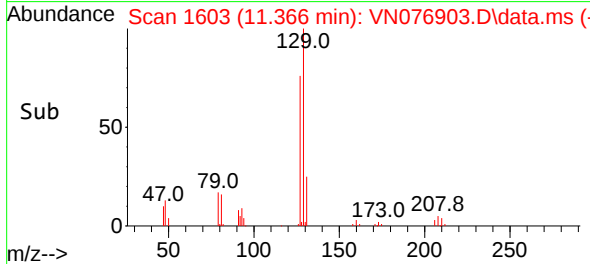
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:129 Resp: 114558
Ion Ratio Lower Upper
129 100
127 75.3 39.4 118.1

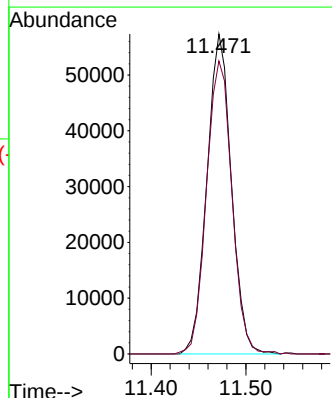
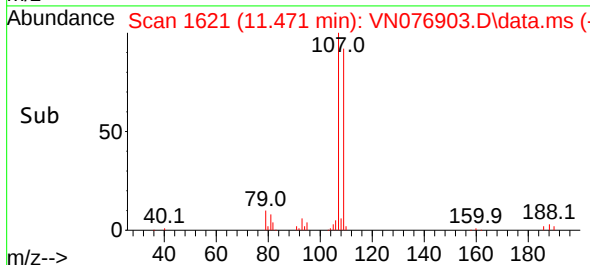
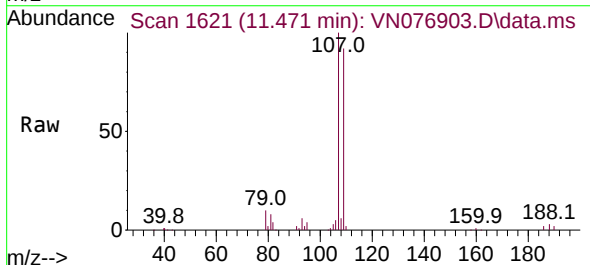
Manual Integrations
APPROVED

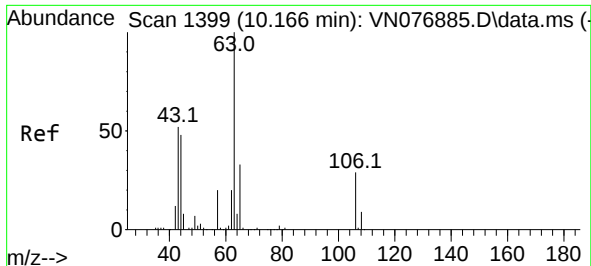
Reviewed By :John Carlone 03/10/2023
Supervised By :Mahesh Dadoda 03/10/2023



#54
1,2-Dibromoethane
Concen: 22.340 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

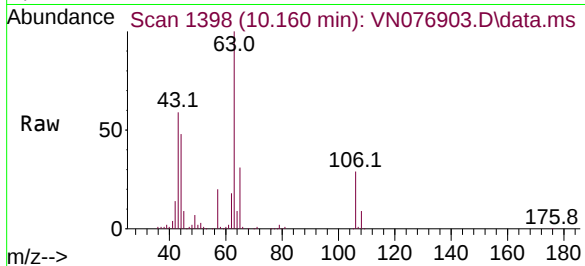
Tgt Ion:107 Resp: 102733
Ion Ratio Lower Upper
107 100
109 95.0 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 125.999 ug/l
RT: 10.160 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

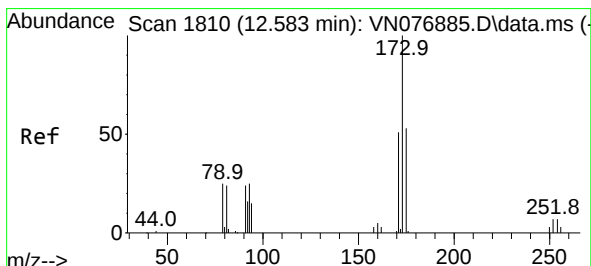
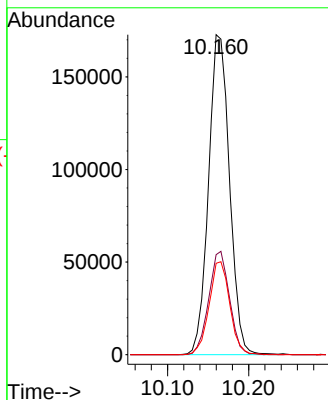
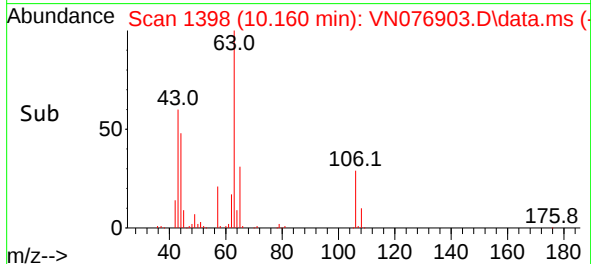
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 310350
Ion Ratio Lower Upper
63 100
65 31.8 26.3 39.5
106 28.7 21.6 32.4

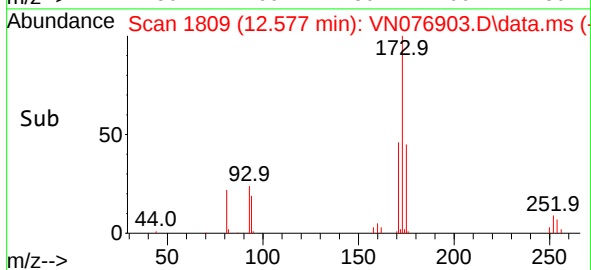
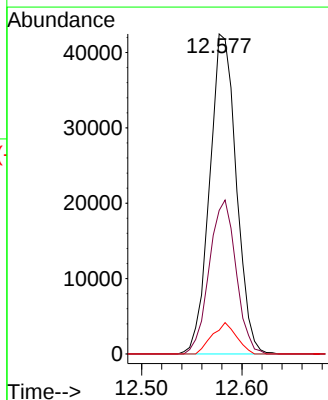
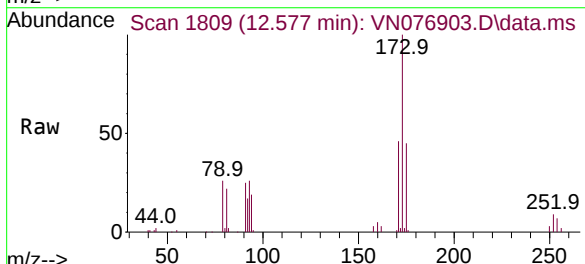
Manual Integrations
APPROVED

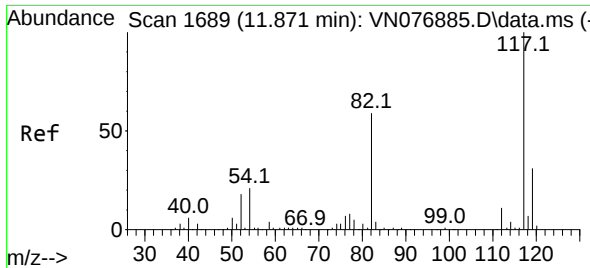
Reviewed By :John Carlone 03/10/2023
Supervised By :Mahesh Dadoda 03/10/2023



#56
Bromoform
Concen: 24.073 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

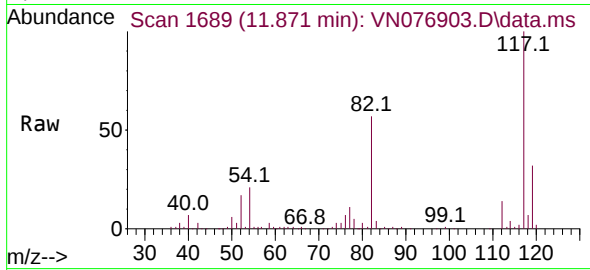
Tgt Ion:173 Resp: 78295
Ion Ratio Lower Upper
173 100
175 48.4 37.8 56.6
254 8.9 7.3 10.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

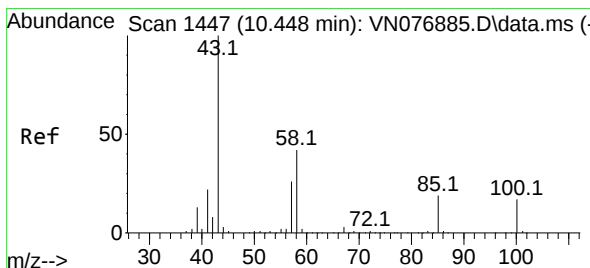
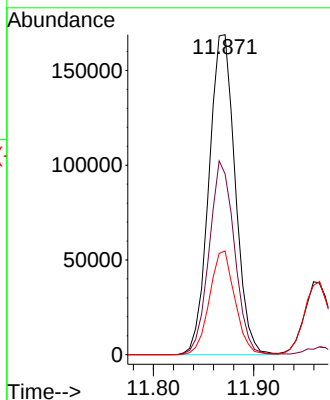
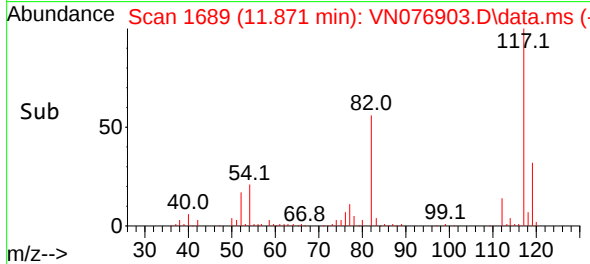
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



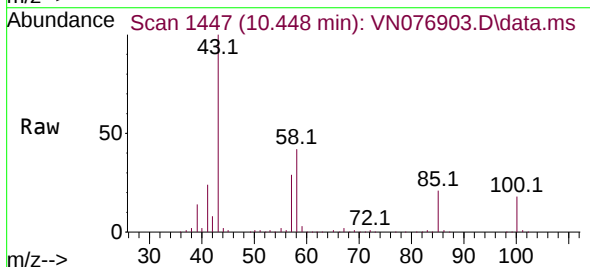
Tgt Ion:117 Resp: 30731
Ion Ratio Lower Upper
117 100
82 58.7 45.4 68.0
119 31.4 26.8 40.2

Manual Integrations
APPROVED

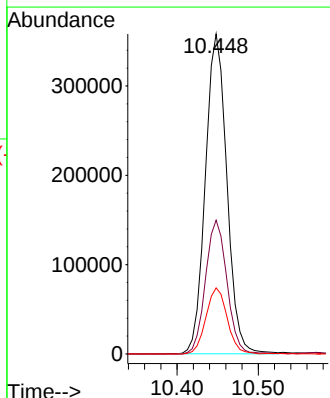
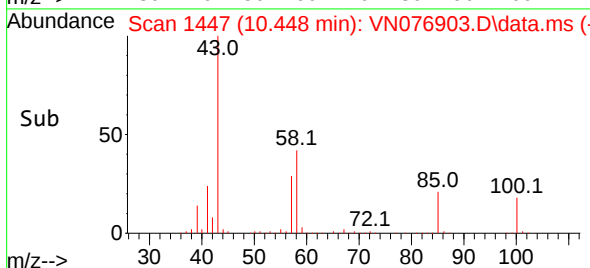
Reviewed By :John Carlone 03/10/2023
Supervised By :Mahesh Dadoda 03/10/2023

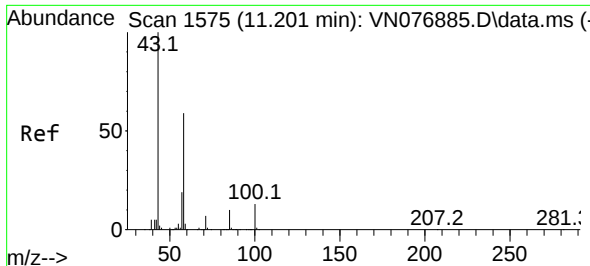


#58
4-Methyl-2-Pentanone
Concen: 106.105 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18



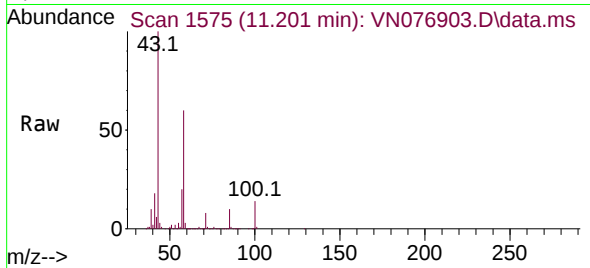
Tgt Ion: 43 Resp: 658720
Ion Ratio Lower Upper
43 100
58 41.6 28.6 42.8
85 20.4 11.8 17.8#





#59
2-Hexanone
Concen: 105.467 ug/l
RT: 11.201 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

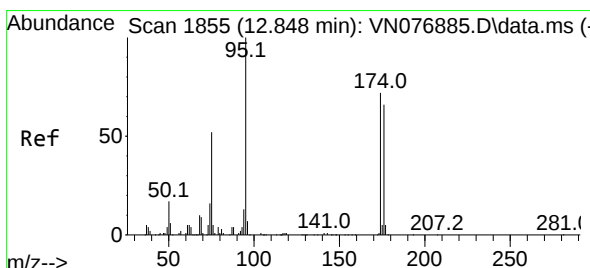
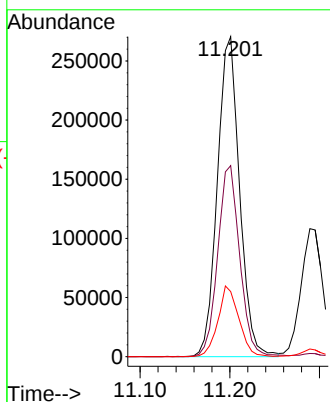
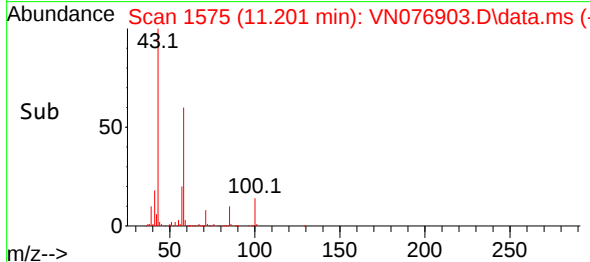
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



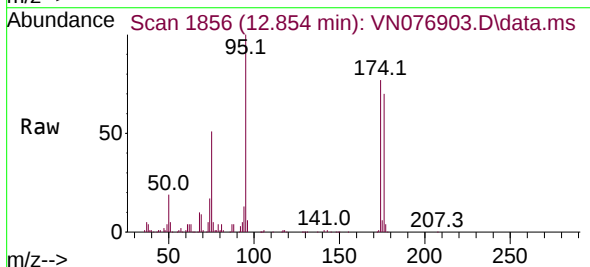
Tgt Ion: 43 Resp: 465129
Ion Ratio Lower Upper
43 100
58 59.1 40.6 60.8
57 20.8 13.1 19.7

Manual Integrations
APPROVED

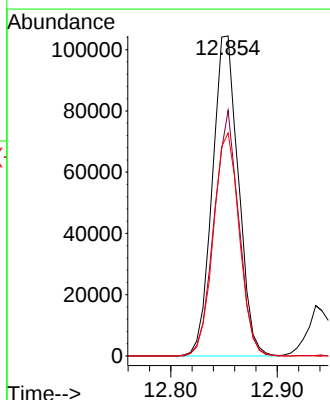
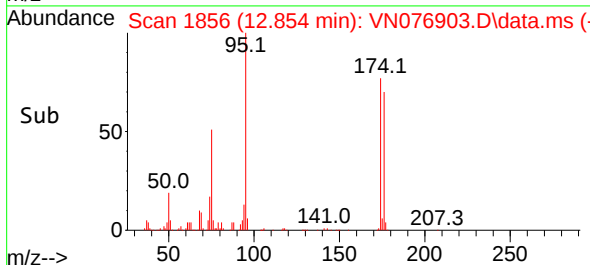
Reviewed By :John Carlone 03/10/2023
Supervised By :Mahesh Dadoda 03/10/2023

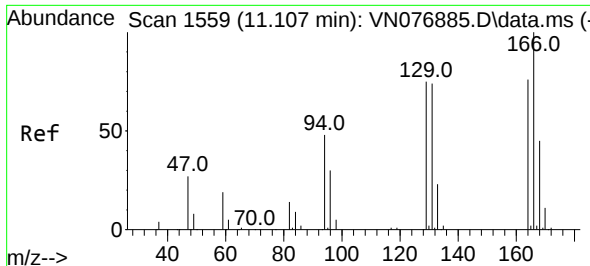


#60
4-Bromofluorobenzene
Concen: 30.501 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18



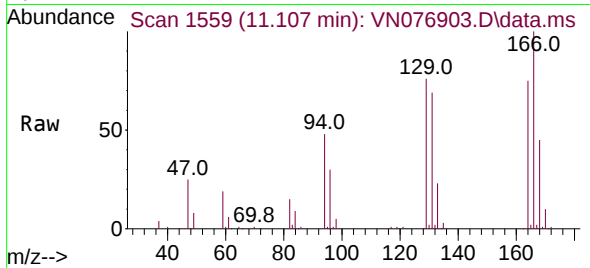
Tgt Ion: 95 Resp: 177403
Ion Ratio Lower Upper
95 100
174 72.4 64.2 96.4
176 69.5 61.4 92.0





#61
Tetrachloroethene
Concen: 19.600 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

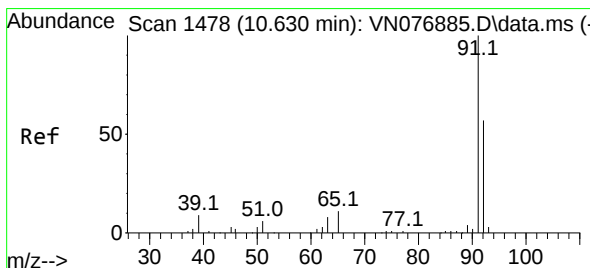
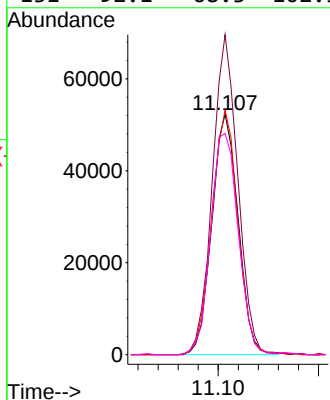
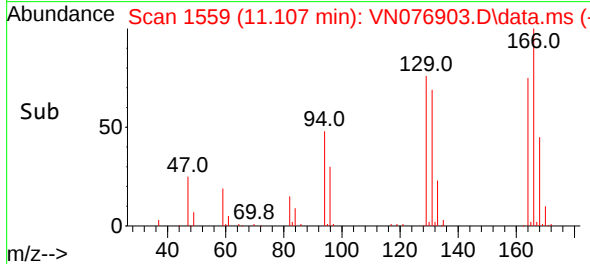
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



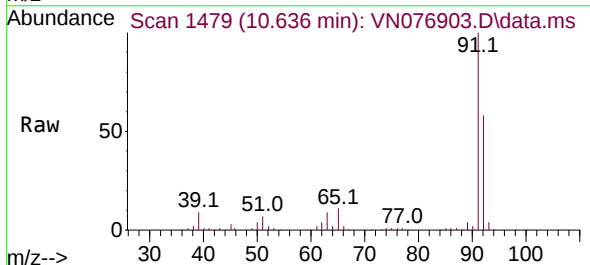
Tgt Ion:164 Resp: 95088
Ion Ratio Lower Upper
164 100
166 133.2 96.2 144.2
129 101.7 78.2 117.4
131 92.1 68.3 102.5

Manual Integrations
APPROVED

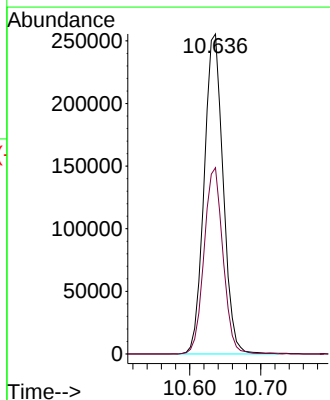
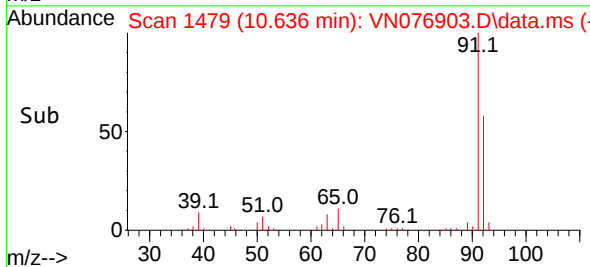
Reviewed By :John Carlone 03/10/2023
Supervised By :Mahesh Dadoda 03/10/2023

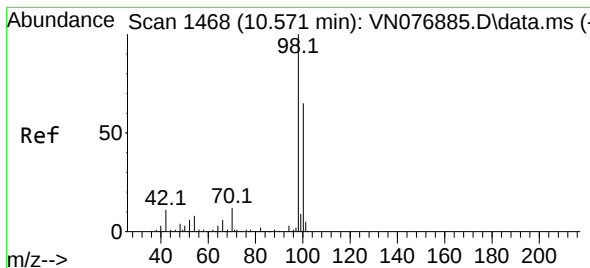


#62
Toluene
Concen: 22.445 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18



Tgt Ion: 91 Resp: 475287
Ion Ratio Lower Upper
91 100
92 57.9 46.3 69.5





#63

Toluene-d8

Concen: 29.506 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN076903.D

Acq: 09 Mar 2023 15:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 98 Resp: 31893

Ion Ratio Lower Upper

98 100

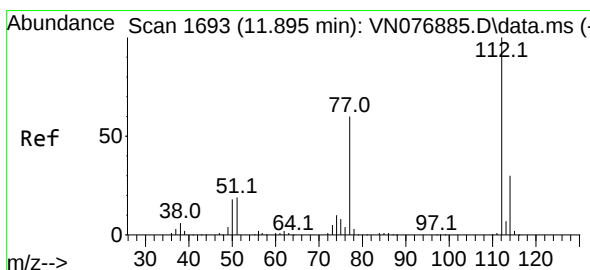
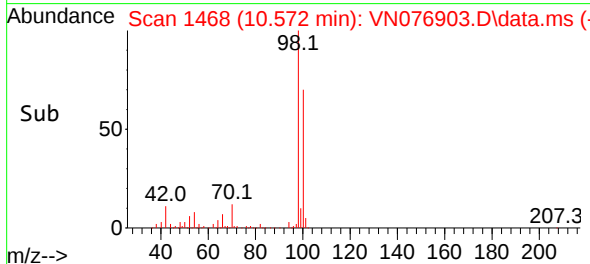
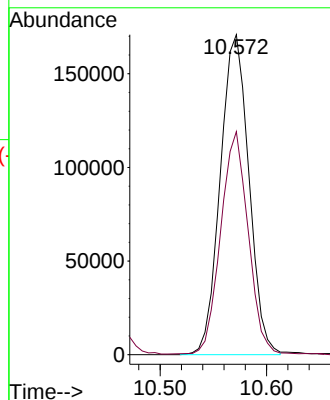
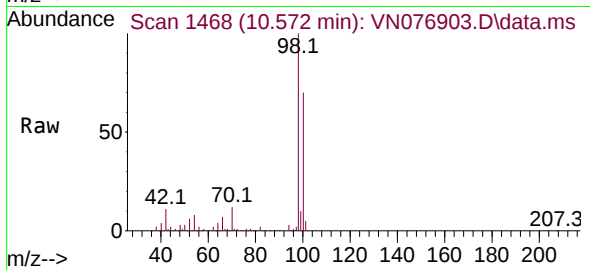
100 67.3 53.8 80.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/10/2023

Supervised By :Mahesh Dadoda 03/10/2023



#64

Chlorobenzene

Concen: 22.345 ug/l

RT: 11.895 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VN076903.D

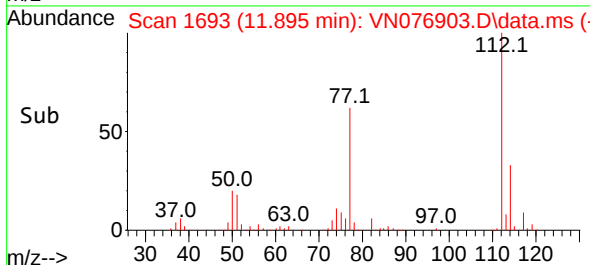
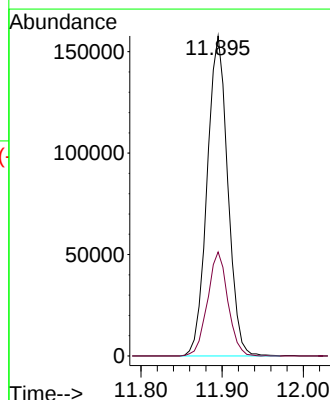
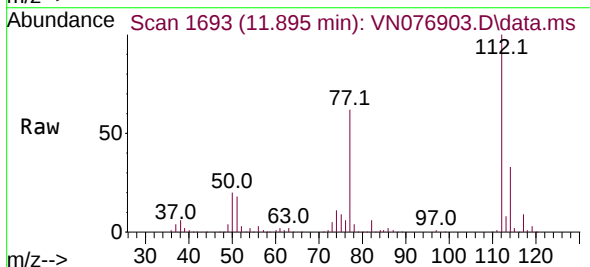
Acq: 09 Mar 2023 15:18

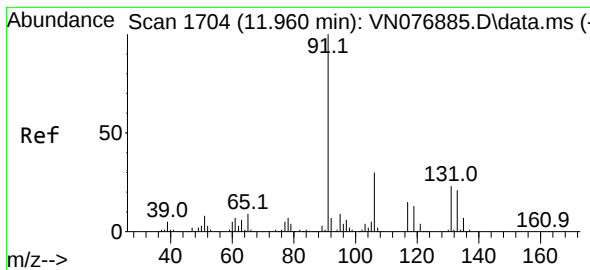
Tgt Ion:112 Resp: 278529

Ion Ratio Lower Upper

112 100

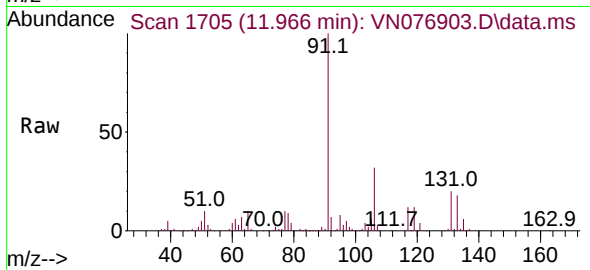
114 32.5 24.5 36.7





#65
1,1,1,2-Tetrachloroethane
Concen: 22.995 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

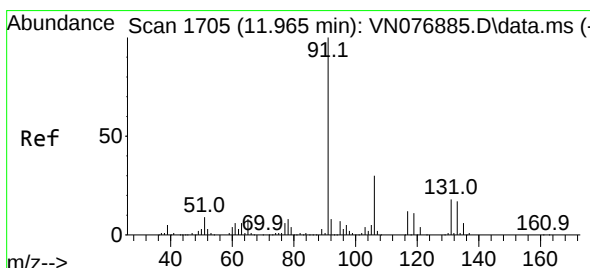
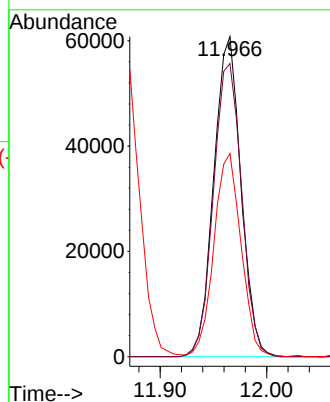
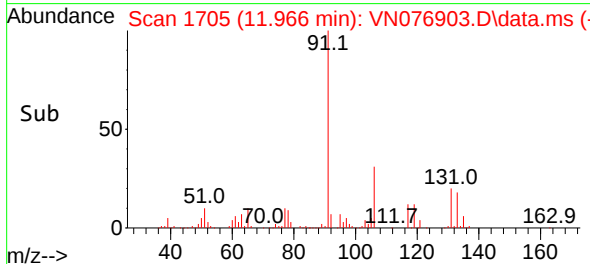
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 107658
Ion Ratio Lower Upper
131 100
133 95.2 0.0 197.6
119 63.6 0.0 127.8

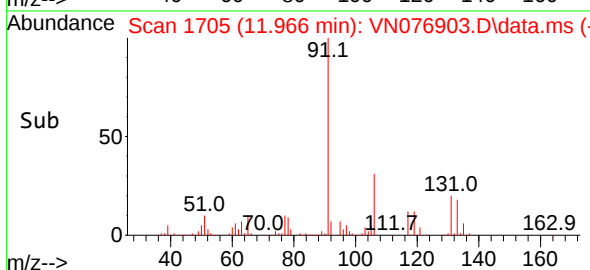
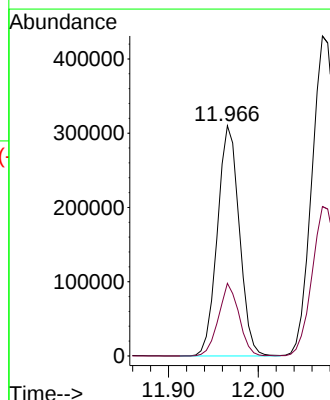
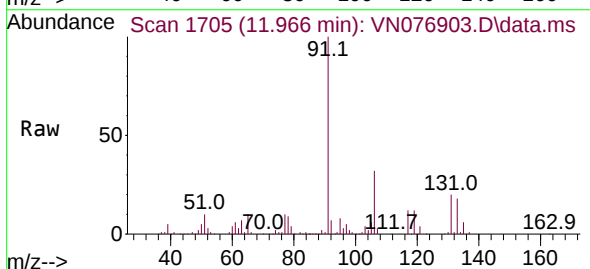
Manual Integrations
APPROVED

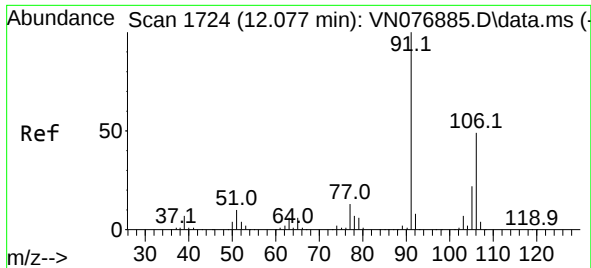
Reviewed By :John Carlone 03/10/2023
Supervised By :Mahesh Dadoda 03/10/2023



#66
Ethyl Benzene
Concen: 22.867 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

Tgt Ion: 91 Resp: 525724
Ion Ratio Lower Upper
91 100
106 31.6 23.8 35.8





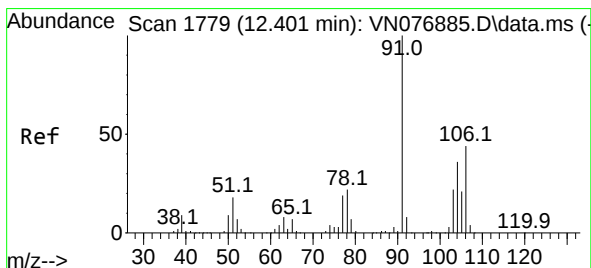
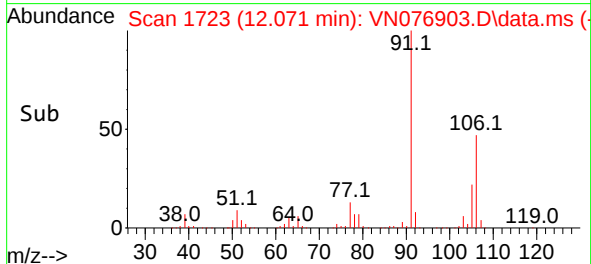
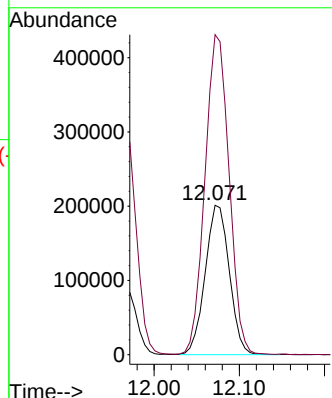
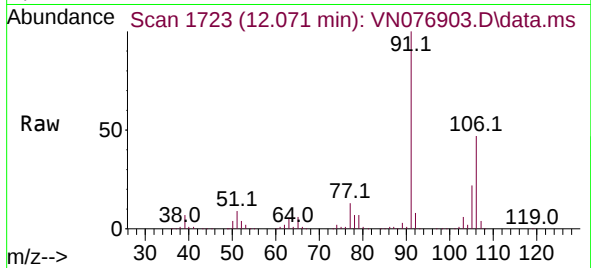
#67
m/p-Xylenes
Concen: 45.467 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 395960
Ion Ratio Lower Upper
106 100
91 214.5 157.4 236.2

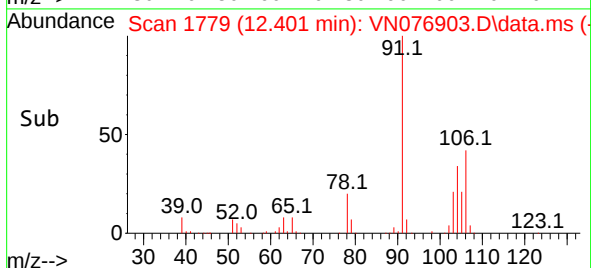
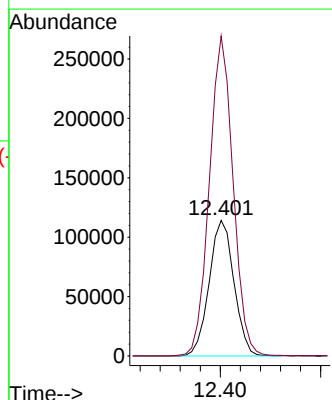
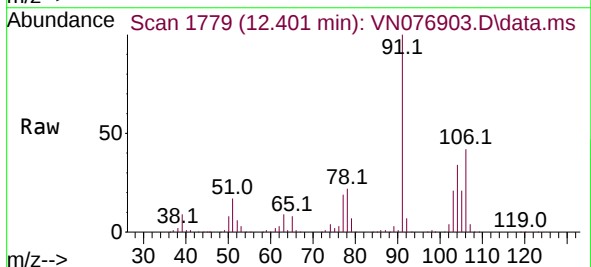
Manual Integrations
APPROVED

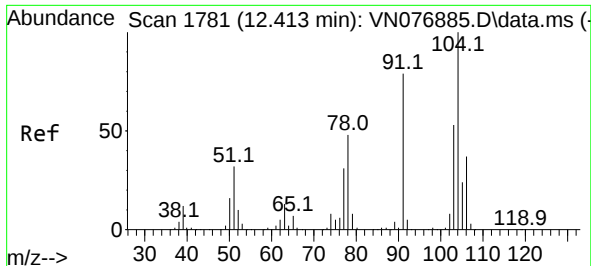
Reviewed By :John Carlone 03/10/2023
Supervised By :Mahesh Dadoda 03/10/2023



#68
o-Xylene
Concen: 23.036 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

Tgt Ion:106 Resp: 195865
Ion Ratio Lower Upper
106 100
91 225.7 107.2 321.6





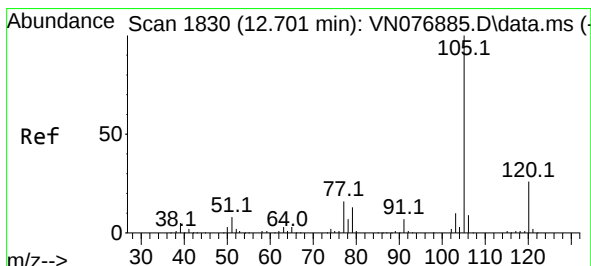
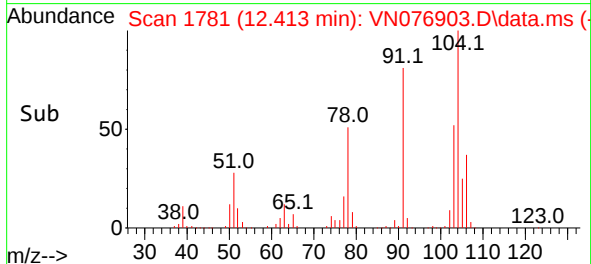
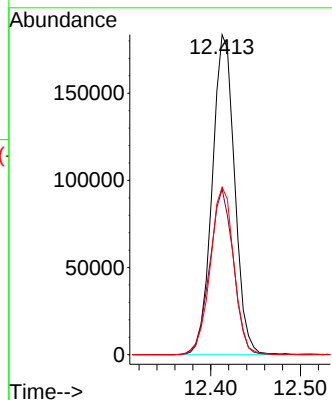
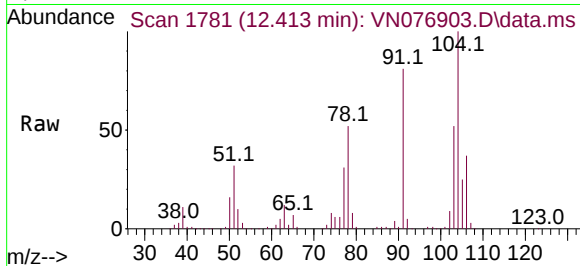
#69
Styrene
Concen: 23.085 ug/l
RT: 12.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:104 Resp: 31834
Ion Ratio Lower Upper
104 100
78 54.6 39.6 59.4
103 55.0 43.9 65.9

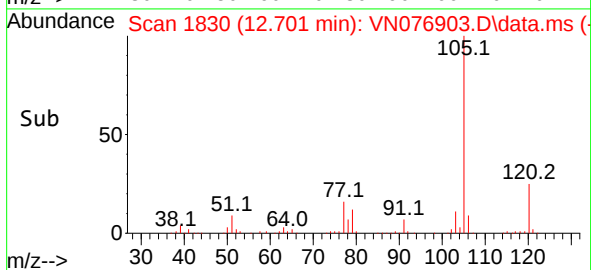
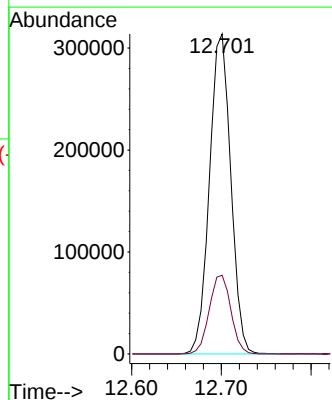
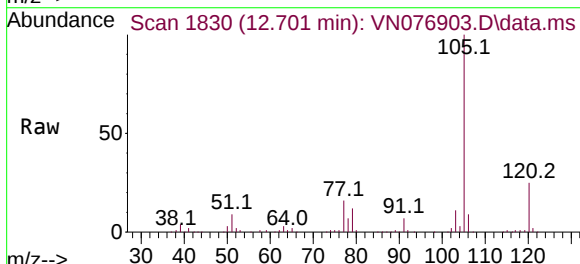
Manual Integrations
APPROVED

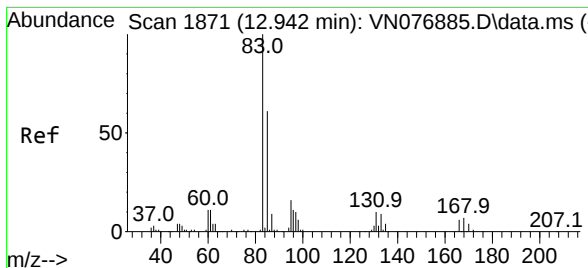
Reviewed By :John Carlone 03/10/2023
Supervised By :Mahesh Dadoda 03/10/2023



#70
Isopropylbenzene
Concen: 23.414 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

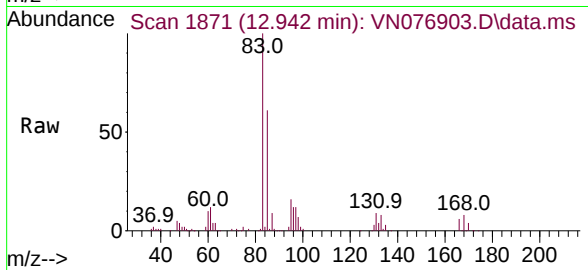
Tgt Ion:105 Resp: 517975
Ion Ratio Lower Upper
105 100
120 25.0 19.0 35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 23.640 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

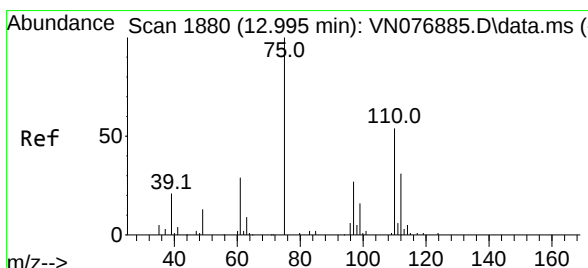
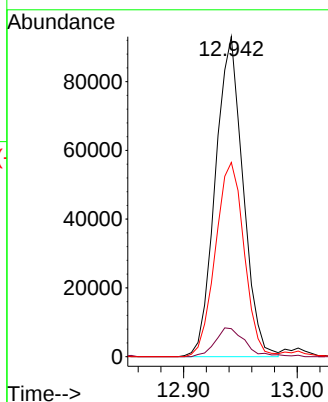
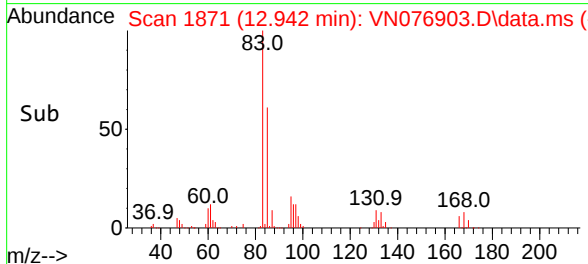
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



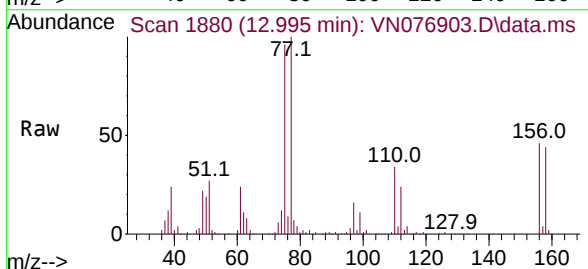
Tgt Ion: 83 Resp: 157684
Ion Ratio Lower Upper
83 100
131 9.7 5.0 14.9
85 62.9 32.3 96.9

Manual Integrations
APPROVED

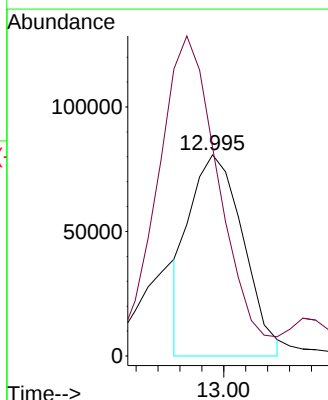
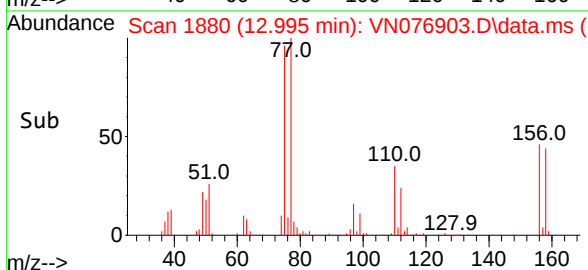
Reviewed By :John Carlone 03/10/2023
Supervised By :Mahesh Dadoda 03/10/2023

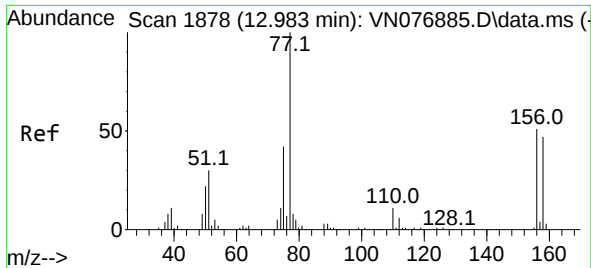


#72
1,2,3-Trichloropropane
Concen: 22.400 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18



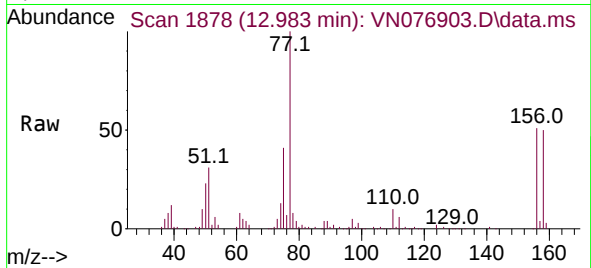
Tgt Ion: 75 Resp: 137064
Ion Ratio Lower Upper
75 100
77 185.2 0.0 332.6





#73
Bromobenzene
Concen: 22.692 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

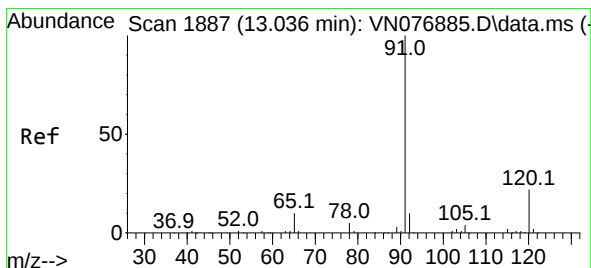
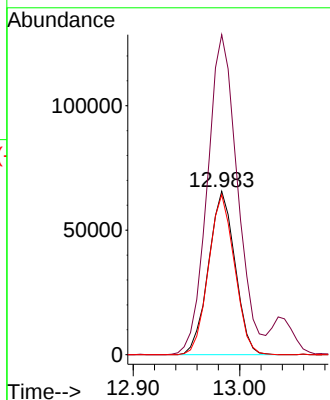
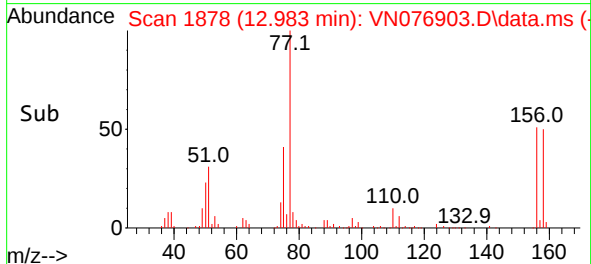
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



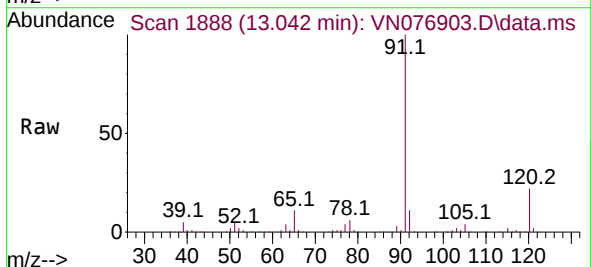
Tgt Ion:156 Resp: 11328
Ion Ratio Lower Upper
156 100
77 224.1 0.0 423.0
158 96.1 0.0 188.6

Manual Integrations
APPROVED

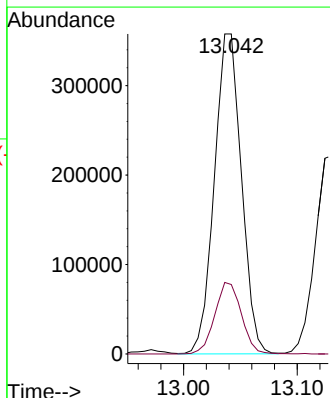
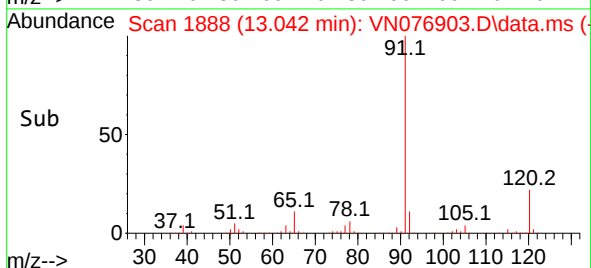
Reviewed By :John Carlone 03/10/2023
Supervised By :Mahesh Dadoda 03/10/2023

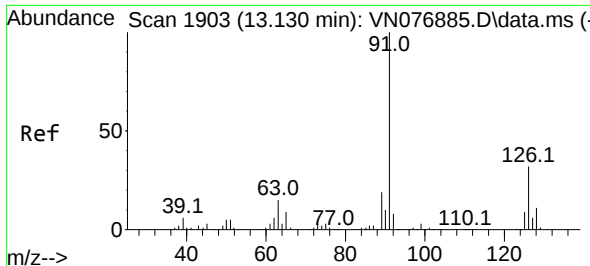


#74
n-propylbenzene
Concen: 22.682 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18



Tgt Ion: 91 Resp: 592277
Ion Ratio Lower Upper
91 100
120 21.9 0.0 44.0





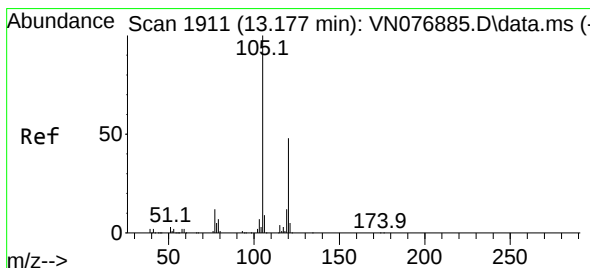
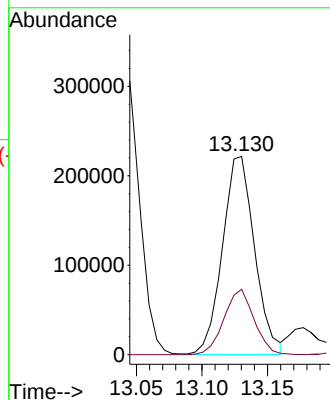
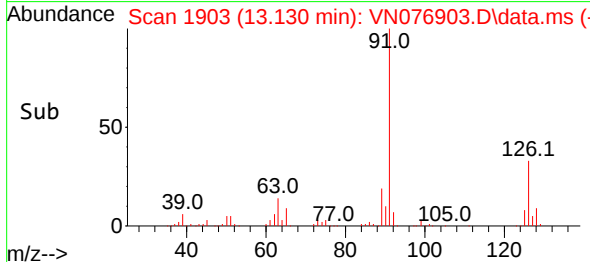
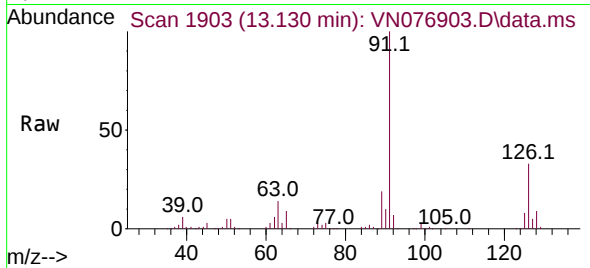
#75
2-Chlorotoluene
Concen: 23.403 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 377925
Ion Ratio Lower Upper
91 100
126 30.9 0.0 66.4

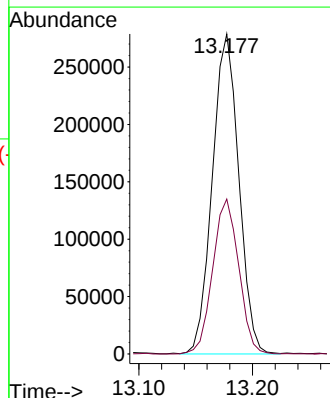
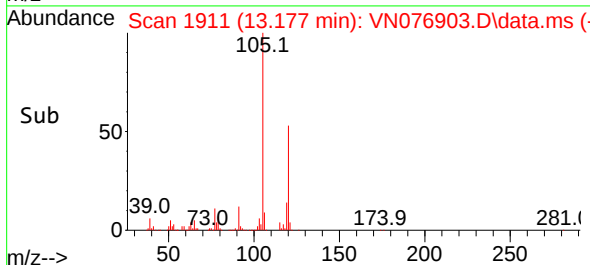
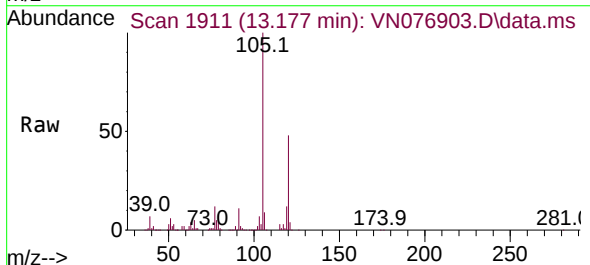
Manual Integrations
APPROVED

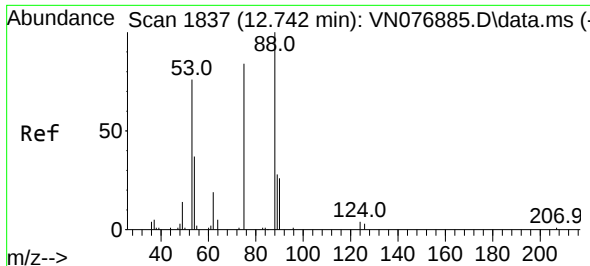
Reviewed By :John Carlone 03/10/2023
Supervised By :Mahesh Dadoda 03/10/2023



#76
1,3,5-Trimethylbenzene
Concen: 23.585 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

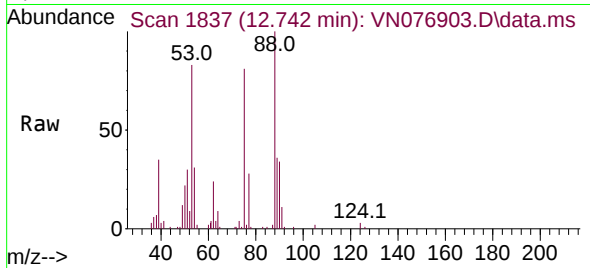
Tgt Ion:105 Resp: 451607
Ion Ratio Lower Upper
105 100
120 47.5 0.0 103.2





#77
t-1,4-Dichloro-2-butene
Concen: 21.603 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

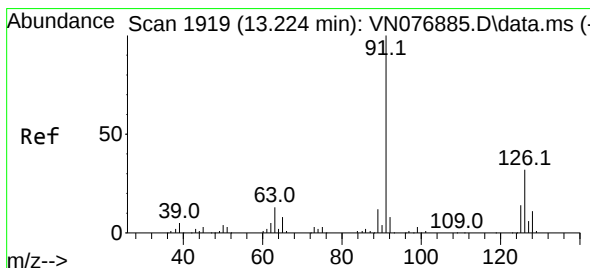
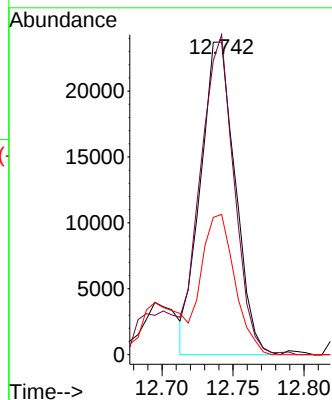
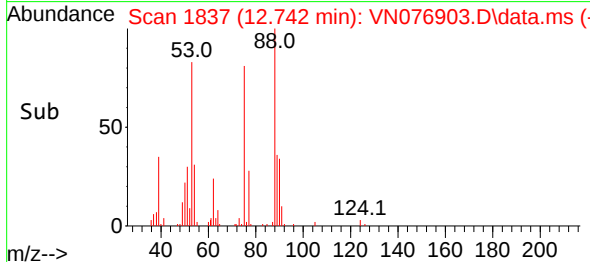
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 40352
Ion Ratio Lower Upper
75 100
53 101.7 50.4 151.3
89 44.9 22.1 66.5

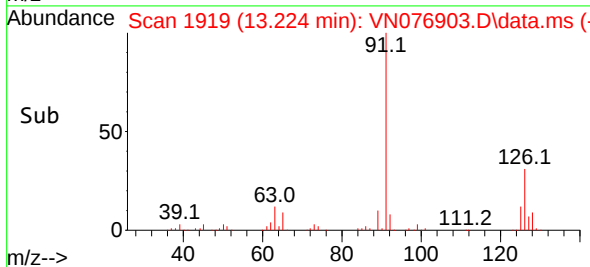
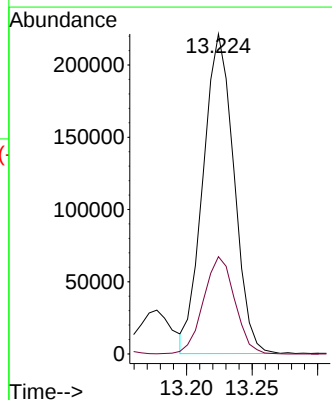
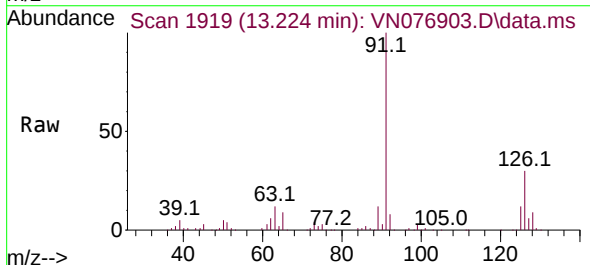
Manual Integrations
APPROVED

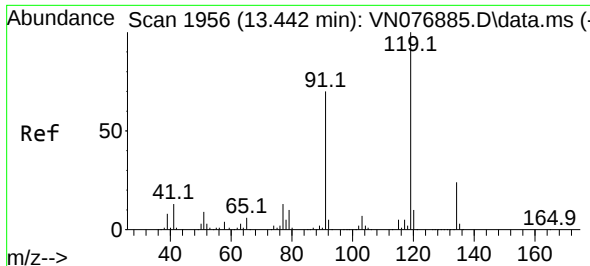
Reviewed By :John Carlone 03/10/2023
Supervised By :Mahesh Dadoda 03/10/2023



#78
4-Chlorotoluene
Concen: 23.282 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

Tgt Ion: 91 Resp: 362424
Ion Ratio Lower Upper
91 100
126 30.8 0.0 70.6





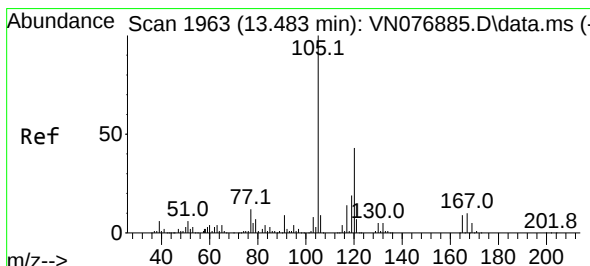
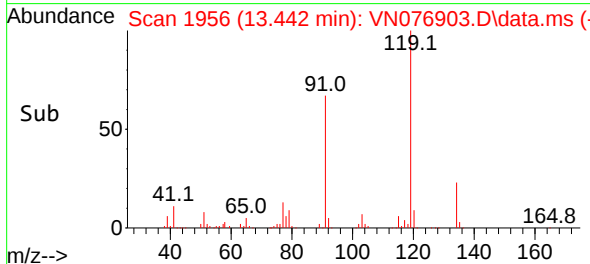
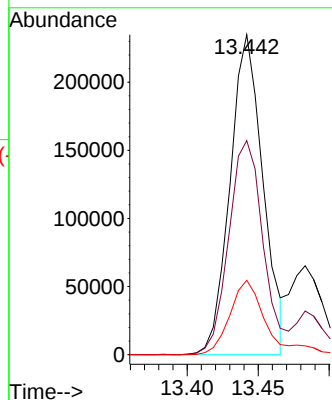
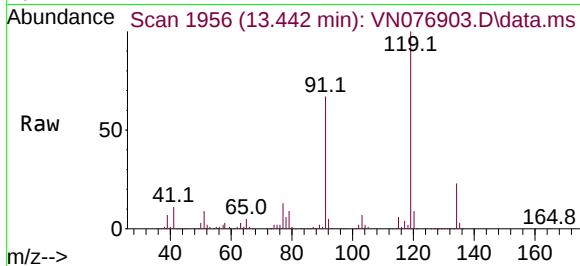
#79
tert-butylbenzene
Concen: 23.719 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 379799
Ion Ratio Lower Upper
119 100
91 70.2 0.0 129.6
134 23.5 0.0 47.8

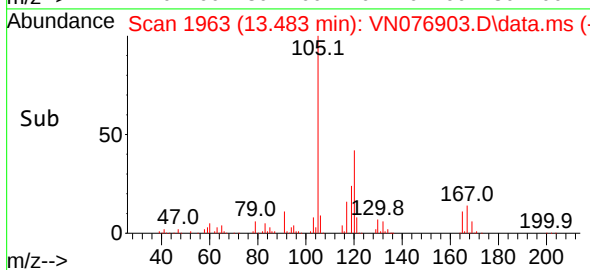
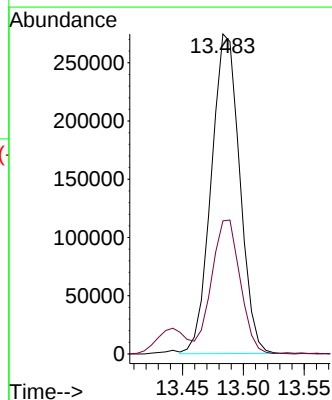
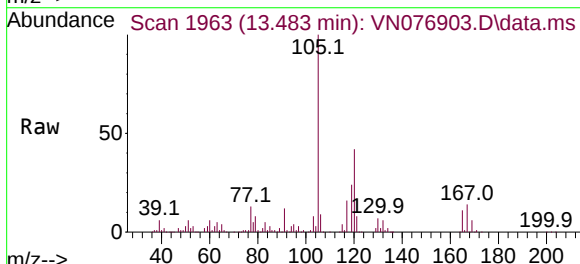
Manual Integrations
APPROVED

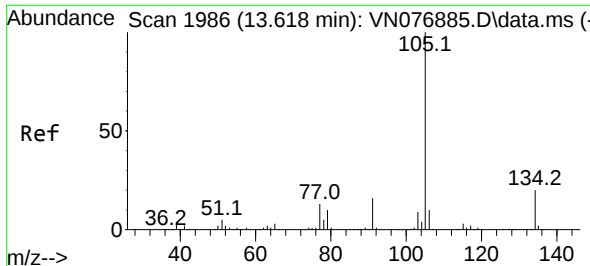
Reviewed By :John Carlone 03/10/2023
Supervised By :Mahesh Dadoda 03/10/2023



#80
1,2,4-Trimethylbenzene
Concen: 23.696 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

Tgt Ion:105 Resp: 445896
Ion Ratio Lower Upper
105 100
120 42.0 0.0 93.2





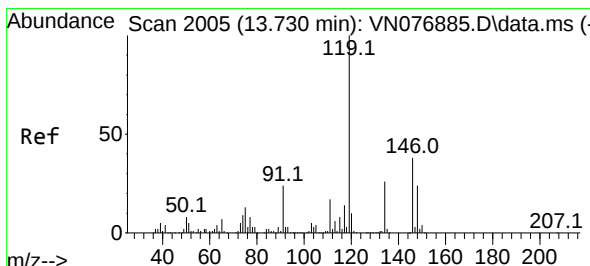
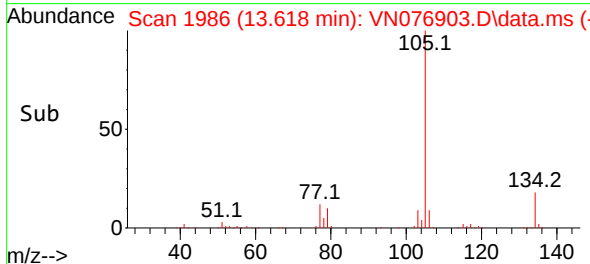
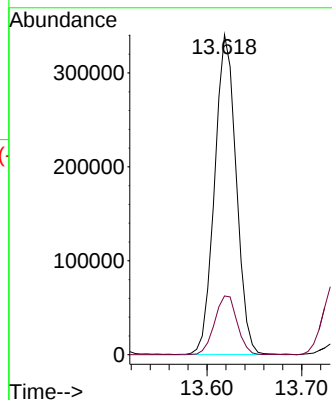
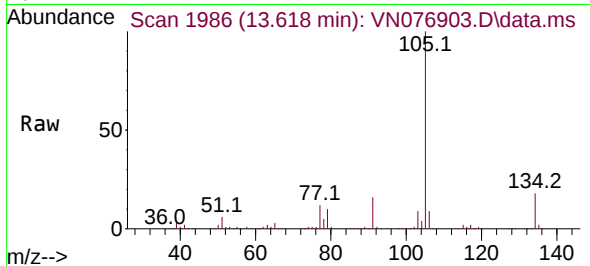
#81
 sec-Butylbenzene
 Concen: 23.509 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076903.D
 Acq: 09 Mar 2023 15:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:105 Resp: 538594
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 39.4

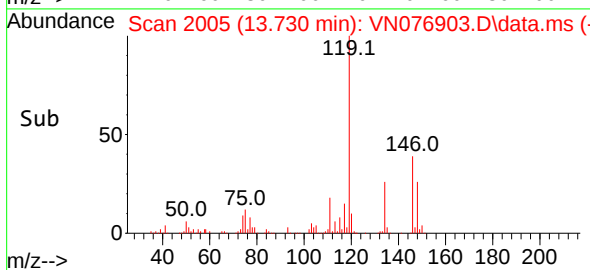
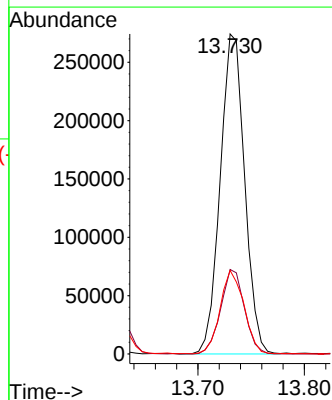
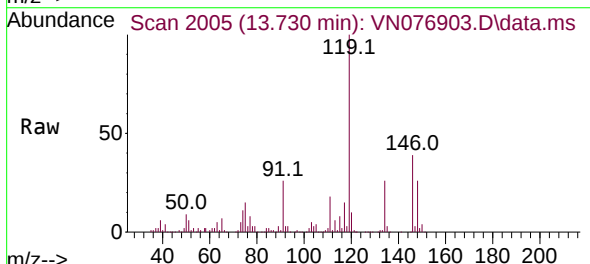
Manual Integrations
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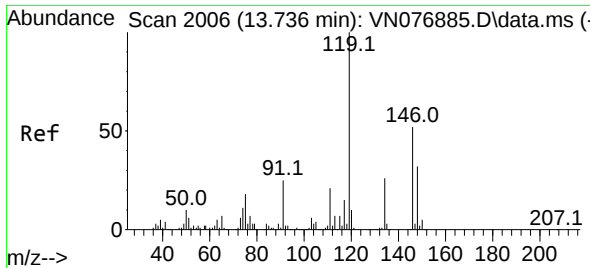
Reviewed By :John Carlone 03/10/2023
 Supervised By :Mahesh Dadoda 03/10/2023



#82
 p-Isopropyltoluene
 Concen: 23.570 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076903.D
 Acq: 09 Mar 2023 15:18

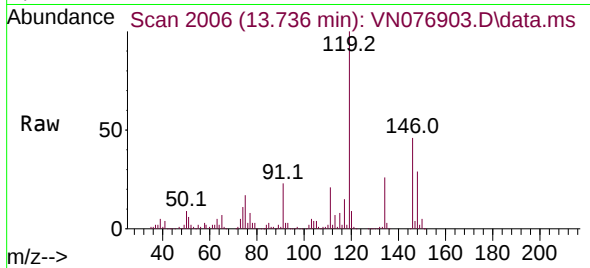
Tgt Ion:119 Resp: 436440
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 53.4
 91 25.5 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 22.436 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

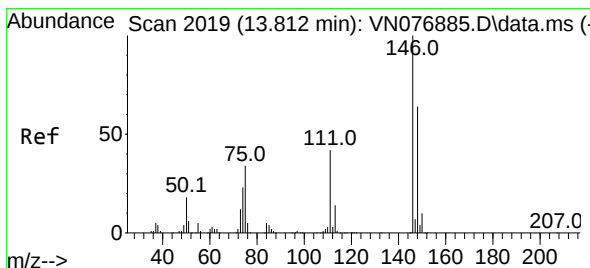
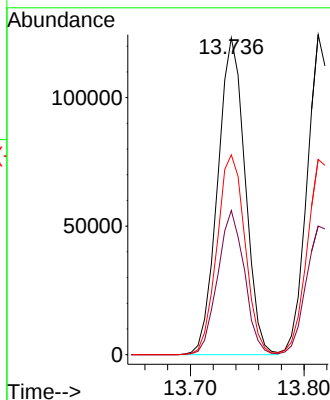
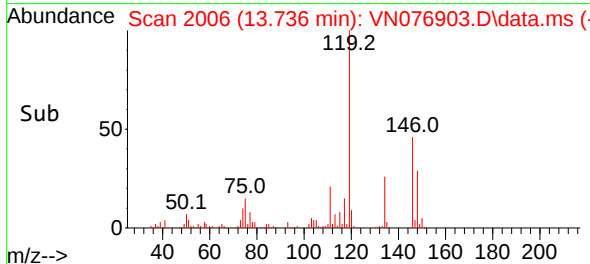
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



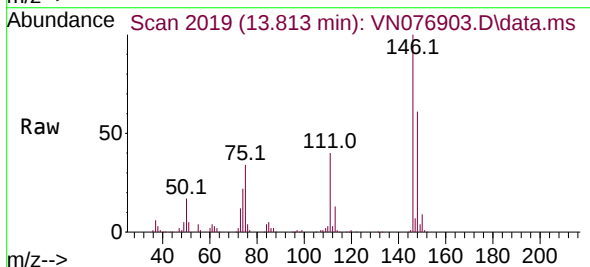
Tgt Ion:146 Resp: 20724
Ion Ratio Lower Upper
146 100
111 44.3 20.3 60.8
148 64.5 31.9 95.5

Manual Integrations
APPROVED

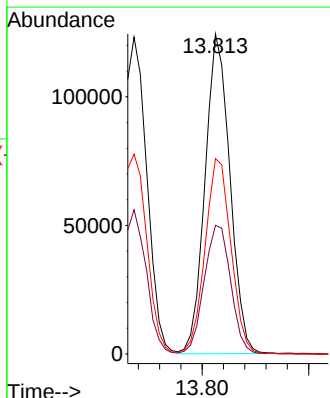
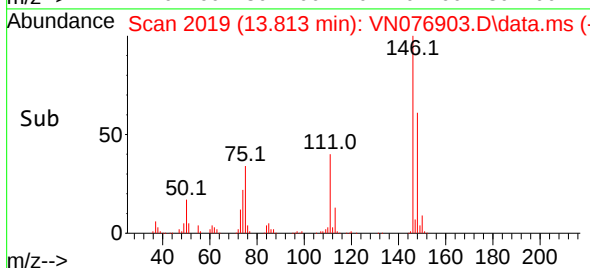
Reviewed By :John Carlone 03/10/2023
Supervised By :Mahesh Dadoda 03/10/2023

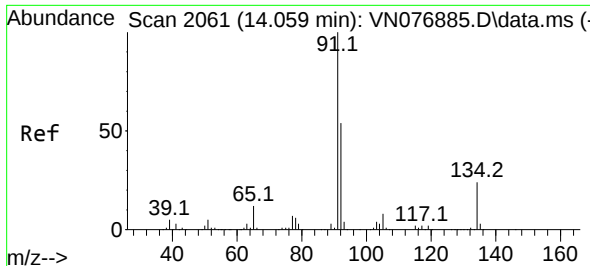


#84
1,4-Dichlorobenzene
Concen: 22.534 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18



Tgt Ion:146 Resp: 202182
Ion Ratio Lower Upper
146 100
111 42.9 18.2 54.6
148 63.7 31.1 93.2





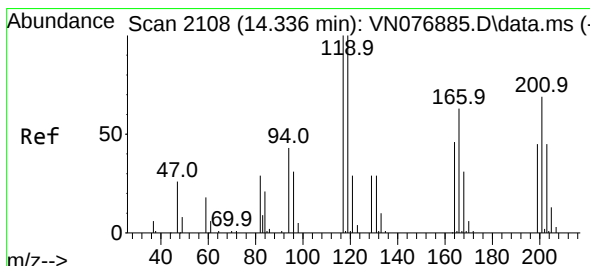
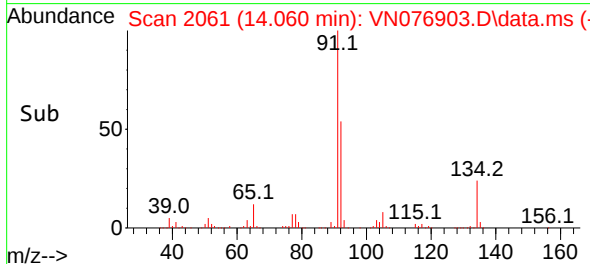
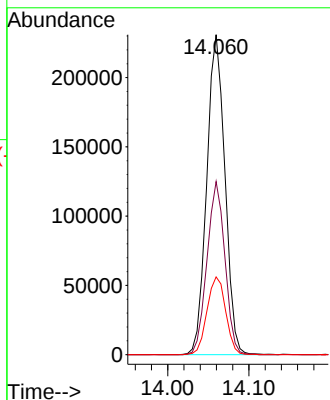
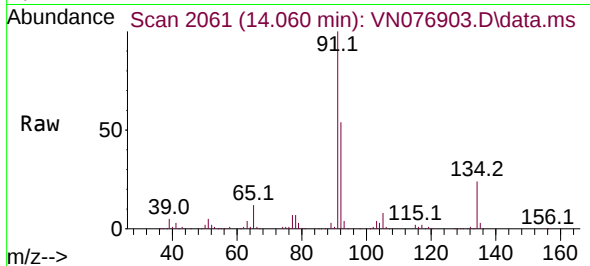
#85
n-Butylbenzene
Concen: 22.919 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 359710
Ion Ratio Lower Upper
91 100
92 53.1 0.0 103.2
134 24.9 0.0 50.0

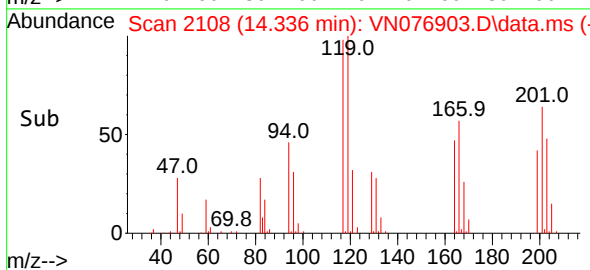
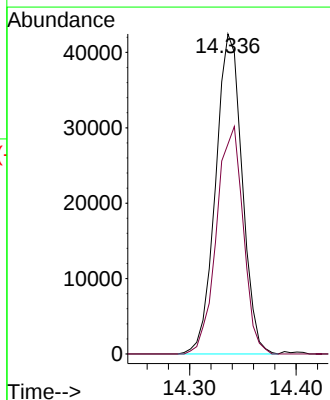
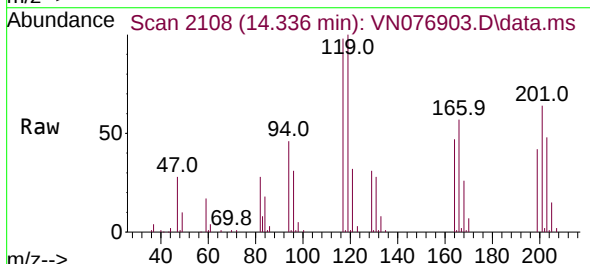
Manual Integrations
APPROVED

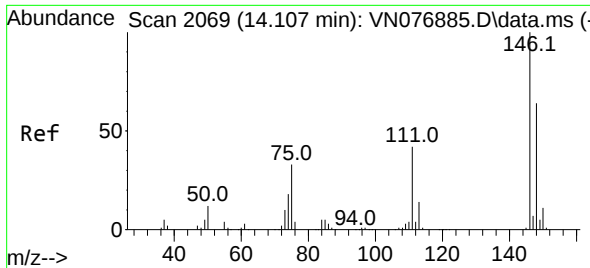
Reviewed By :John Carlone 03/10/2023
Supervised By :Mahesh Dadoda 03/10/2023



#86
Hexachloroethane
Concen: 22.224 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

Tgt Ion:117 Resp: 73474
Ion Ratio Lower Upper
117 100
201 71.4 32.2 96.6





#87

1,2-Dichlorobenzene

Concen: 23.207 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN076903.D

Acq: 09 Mar 2023 15:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:146 Resp: 213770

Ion Ratio Lower Upper

146 100

111 44.6 20.5 61.6

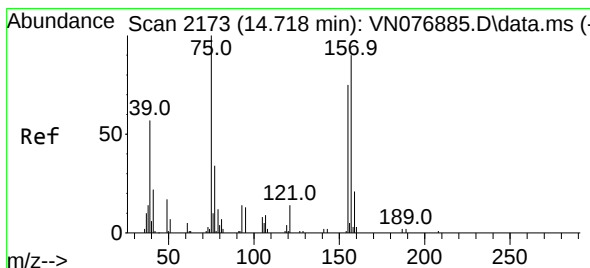
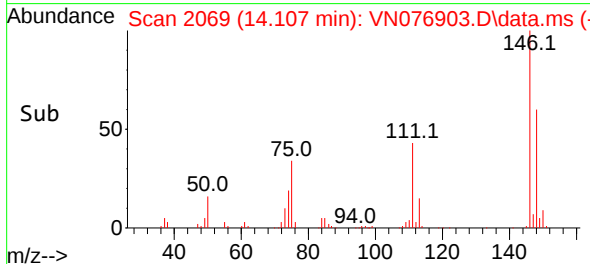
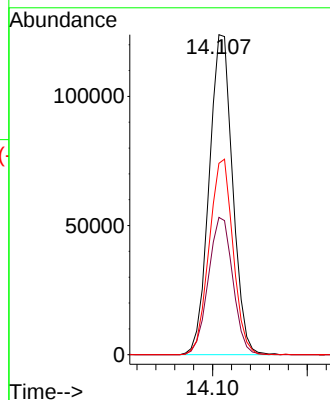
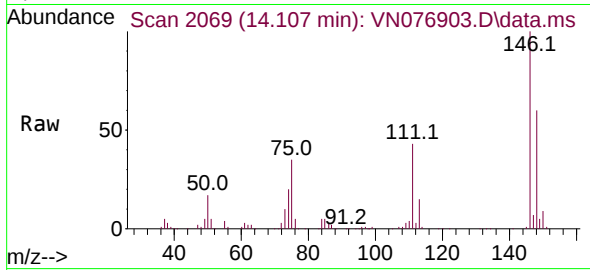
148 62.1 32.5 97.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/10/2023

Supervised By :Mahesh Dadoda 03/10/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 22.852 ug/l

RT: 14.724 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN076903.D

Acq: 09 Mar 2023 15:18

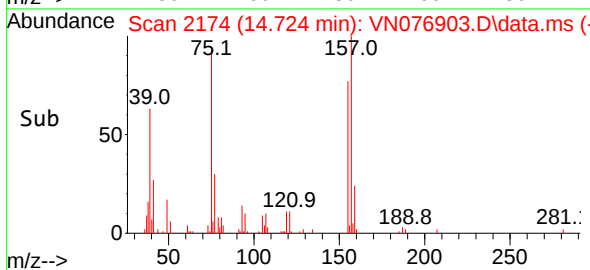
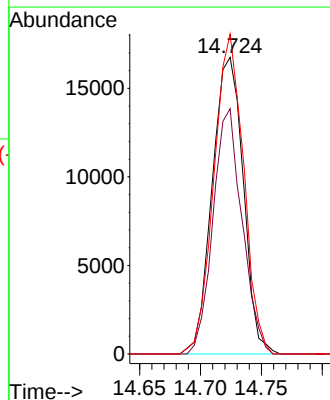
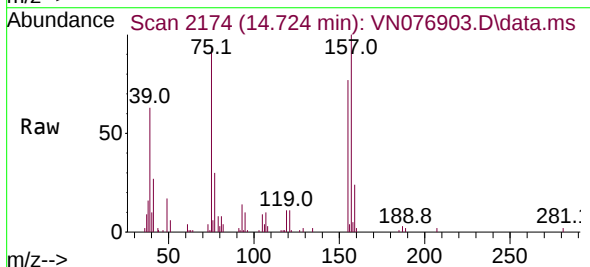
Tgt Ion: 75 Resp: 29688

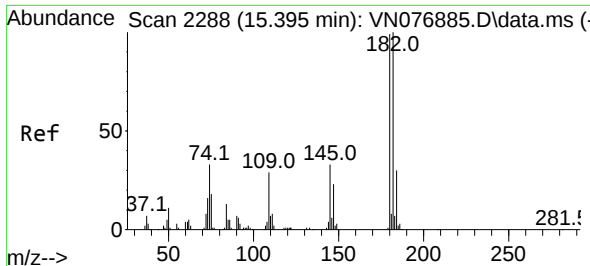
Ion Ratio Lower Upper

75 100

155 77.5 62.5 93.7

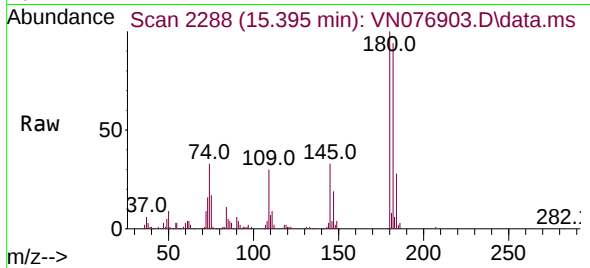
157 103.3 77.5 116.3





#89
1,2,4-Trichlorobenzene
Concen: 22.653 ug/l
RT: 15.395 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

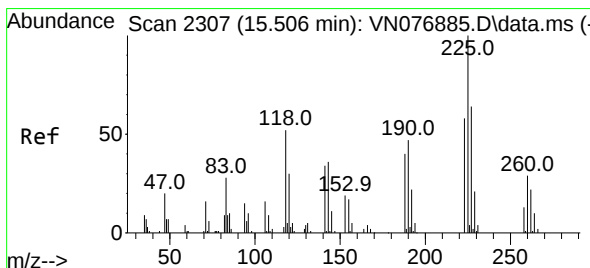
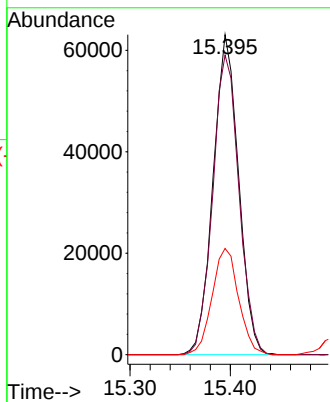
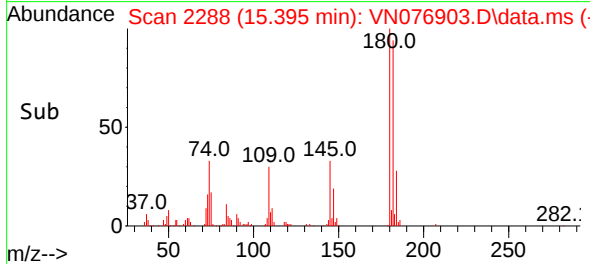
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



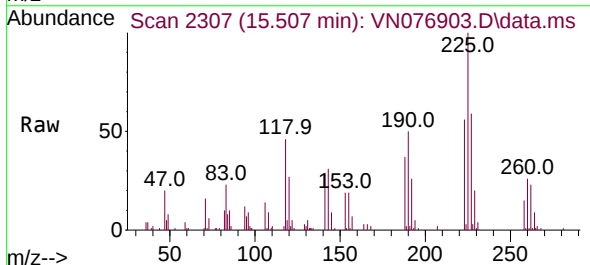
Tgt Ion:180 Resp: 111310
Ion Ratio Lower Upper
180 100
182 96.8 76.6 115.0
145 34.6 24.6 36.8

Manual Integrations
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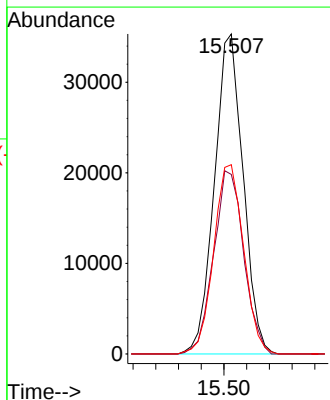
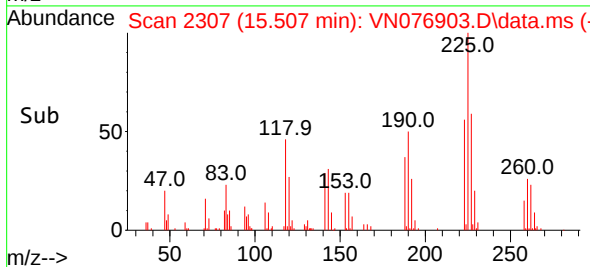
Reviewed By :John Carlone 03/10/2023
Supervised By :Mahesh Dadoda 03/10/2023

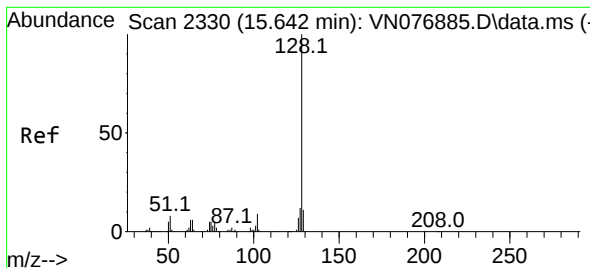


#90
Hexachlorobutadiene
Concen: 23.942 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. 0.006 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18



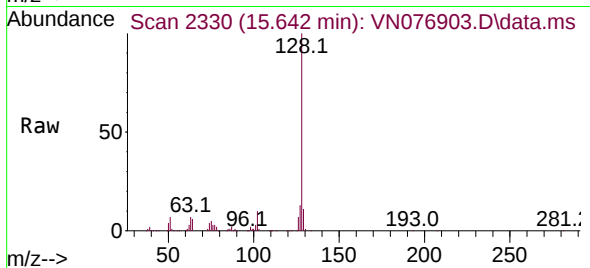
Tgt Ion:225 Resp: 62020
Ion Ratio Lower Upper
225 100
223 60.1 0.0 135.4
227 61.6 0.0 129.4





#91
Naphthalene
Concen: 23.098 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18

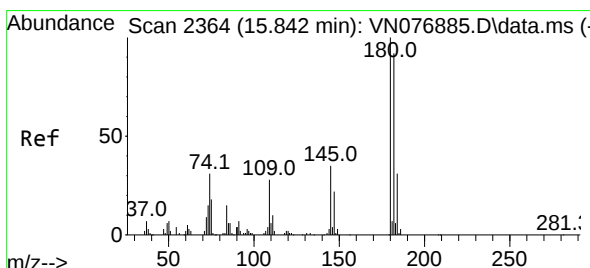
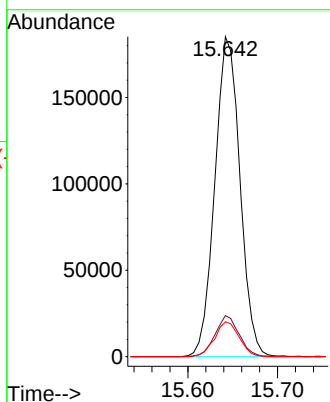
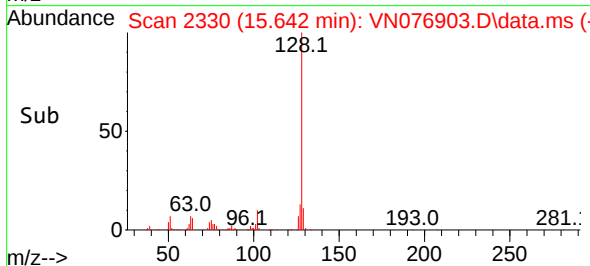
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



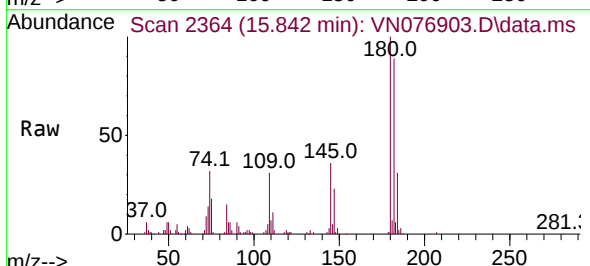
Tgt Ion:128 Resp: 359978
Ion Ratio Lower Upper
128 100
127 12.3 11.0 16.6
129 10.7 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/10/2023
Supervised By :Mahesh Dadoda 03/10/2023



#92
1,2,3-Trichlorobenzene
Concen: 23.764 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076903.D
Acq: 09 Mar 2023 15:18



Tgt Ion:180 Resp: 117061
Ion Ratio Lower Upper
180 100
182 91.8 0.0 190.8
145 35.5 0.0 65.0

