

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010423\
 Data File : VN076073.D
 Acq On : 04 Jan 2023 11:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Jan 05 01:17:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	312310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	499303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	455599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	223917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	162625	47.864	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.720%		
35) Dibromofluoromethane	8.177	113	150673	48.728	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.460%		
50) Toluene-d8	10.571	98	550511	47.618	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.240%		
62) 4-Bromofluorobenzene	12.853	95	193098	50.428	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	150002	67.645	ug/l	98
3) Chloromethane	2.371	50	149151	54.091	ug/l	97
4) Vinyl Chloride	2.524	62	183209	55.700	ug/l	97
5) Bromomethane	2.948	94	138828	49.663	ug/l	92
6) Chloroethane	3.124	64	122196	50.167	ug/l	99
7) Trichlorofluoromethane	3.506	101	253991	50.890	ug/l	96
8) Diethyl Ether	3.971	74	87472	47.984	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	145293	50.980	ug/l	100
10) Methyl Iodide	4.600	142	224222	48.478	ug/l	99
11) Tert butyl alcohol	5.536	59	105126	218.665	ug/l	100
12) 1,1-Dichloroethene	4.347	96	135337	48.894	ug/l	97
13) Acrolein	4.189	56	135486	229.871	ug/l	96
14) Allyl chloride	5.036	41	170766	52.775	ug/l	99
15) Acrylonitrile	5.730	53	316815	241.480	ug/l	99
16) Acetone	4.442	43	238406	203.551	ug/l	100
17) Carbon Disulfide	4.724	76	332035	49.544	ug/l	98
18) Methyl Acetate	5.036	43	169771	49.037	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	462817	50.775	ug/l	96
20) Methylene Chloride	5.289	84	154573	49.326	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	144851	47.784	ug/l	96
22) Diisopropyl ether	6.683	45	391599	49.819	ug/l	97
23) Vinyl Acetate	6.612	43	1316458	248.827	ug/l	99
24) 1,1-Dichloroethane	6.577	63	255818	48.799	ug/l	97
25) 2-Butanone	7.494	43	386975	235.969	ug/l	96
26) 2,2-Dichloropropane	7.500	77	218526	49.224	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	177996	49.096	ug/l	98
28) Bromochloromethane	7.818	49	98258	42.764	ug/l	100
29) Tetrahydrofuran	7.847	42	256697	249.776	ug/l	99
30) Chloroform	7.971	83	281892	47.760	ug/l	94
31) Cyclohexane	8.265	56	230044	47.276	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	261790	50.029	ug/l	99
36) 1,1-Dichloropropene	8.377	75	206660	50.312	ug/l	99
37) Ethyl Acetate	7.571	43	165768	50.242	ug/l	98
38) Carbon Tetrachloride	8.371	117	236359	51.413	ug/l	99
39) Methylcyclohexane	9.606	83	266020	53.682	ug/l	98
40) Benzene	8.612	78	624346	49.265	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	86533	50.457	ug/l	98
42) 1,2-Dichloroethane	8.677	62	205661	48.812	ug/l	99
43) Isopropyl Acetate	8.694	43	275083	50.543	ug/l	99
44) Trichloroethene	9.353	130	169840	47.570	ug/l	95
45) 1,2-Dichloropropane	9.624	63	150842	48.912	ug/l	99
46) Dibromomethane	9.712	93	110837	48.456	ug/l	98
47) Bromodichloromethane	9.888	83	220845	49.234	ug/l	97
48) Methyl methacrylate	9.682	41	132619	54.102	ug/l	98
49) 1,4-Dioxane	9.700	88	58222	966.126	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	852050	258.869	ug/l	98
52) Toluene	10.635	92	421310	51.044	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	233620	53.205	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	247882	51.417	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	161129	49.737	ug/l	97
56) Ethyl methacrylate	10.876	69	230397	53.542	ug/l	98
57) 1,3-Dichloropropane	11.165	76	264057	49.691	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	350253	255.652	ug/l	99
59) 2-Hexanone	11.200	43	623445	259.732	ug/l	99
60) Dibromochloromethane	11.365	129	183409	50.907	ug/l	99
61) 1,2-Dibromoethane	11.470	107	168560	51.415	ug/l	100
64) Tetrachloroethene	11.106	164	166280	51.866	ug/l	98
65) Chlorobenzene	11.894	112	453412	48.488	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	170056	49.098	ug/l	99
67) Ethyl Benzene	11.965	91	816278	51.721	ug/l	99
68) m/p-Xylenes	12.076	106	645755	103.377	ug/l	99
69) o-Xylene	12.400	106	318472	51.519	ug/l	100
70) Styrene	12.412	104	520677	52.974	ug/l	100
71) Bromoform	12.582	173	130907	51.941	ug/l #	98
73) Isopropylbenzene	12.700	105	835187	51.615	ug/l	100
74) N-amyl acetate	12.500	43	249469	52.553	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	229971	45.974	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	201536m	44.651	ug/l	
77) Bromobenzene	12.982	156	198074	48.369	ug/l	98
78) n-propylbenzene	13.041	91	957396	53.645	ug/l	98
79) 2-Chlorotoluene	13.129	91	552992	49.637	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	707174	52.218	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	67736	54.018	ug/l	98
82) 4-Chlorotoluene	13.129	91	552992	49.637	ug/l	100
83) tert-Butylbenzene	13.441	119	640139	53.611	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	708522	52.737	ug/l	99
85) sec-Butylbenzene	13.617	105	882441	53.544	ug/l	99
86) p-Isopropyltoluene	13.735	119	759302	55.370	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	372750	49.277	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	365630	47.315	ug/l	99
89) n-Butylbenzene	14.059	91	615154	55.371	ug/l	100
90) Hexachloroethane	14.335	117	129113	52.634	ug/l	99
91) 1,2-Dichlorobenzene	14.111	146	363465	48.781	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	41452	46.701	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	195469	52.990	ug/l	100
94) Hexachlorobutadiene	15.506	225	102448	50.904	ug/l	98
95) Naphthalene	15.641	128	556023	45.817	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	185588	53.829	ug/l	100

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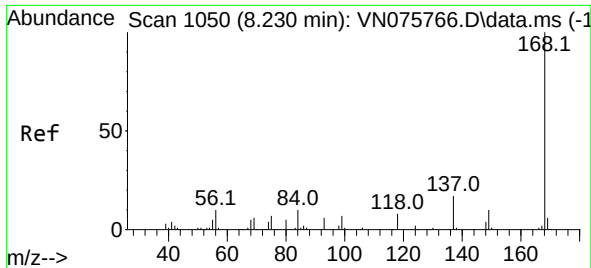
Manual Integrations
APPROVED

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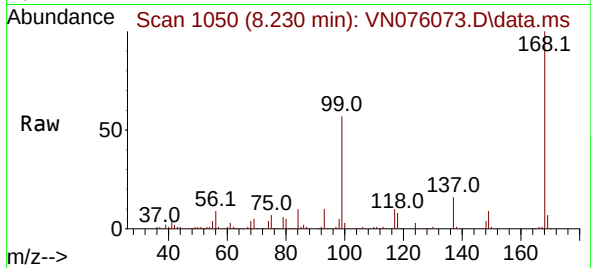
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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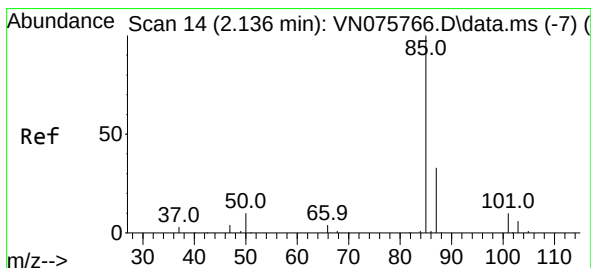
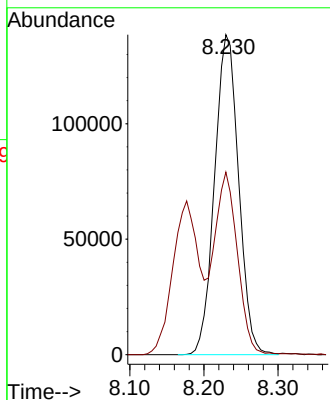
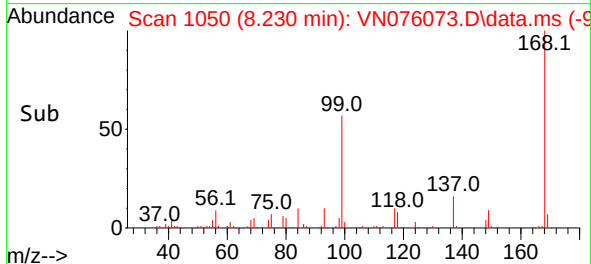
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 312310
Ion Ratio Lower Upper
168 100
99 56.7 44.2 66.4

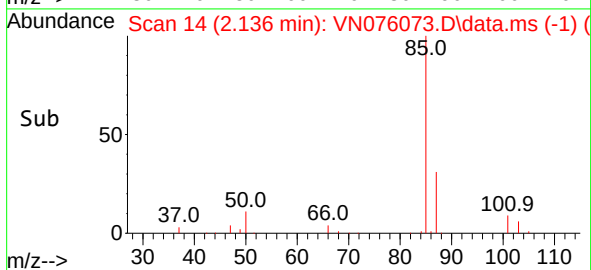
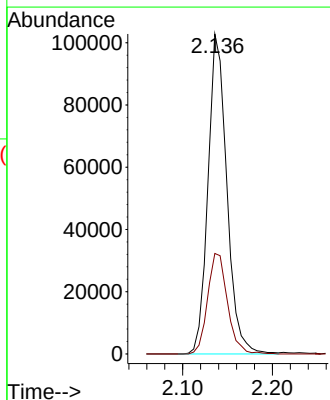
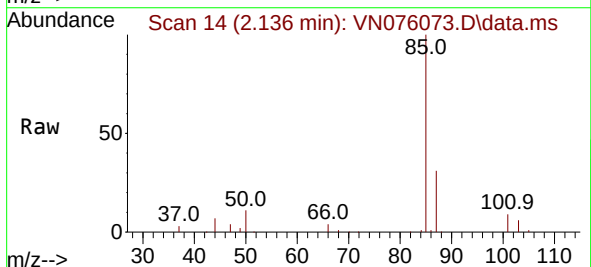
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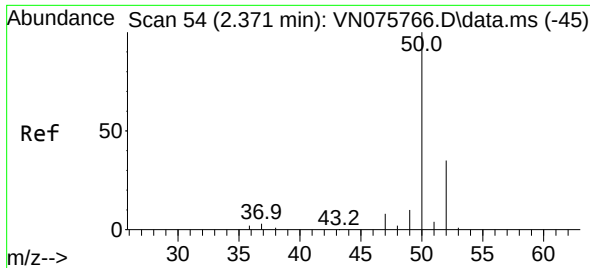
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#2
Dichlorodifluoromethane
Concen: 67.645 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

Tgt Ion: 85 Resp: 150002
Ion Ratio Lower Upper
85 100
87 31.4 16.3 48.9





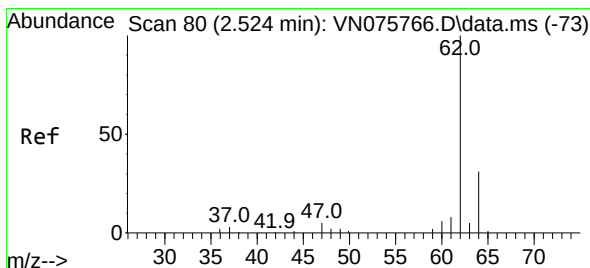
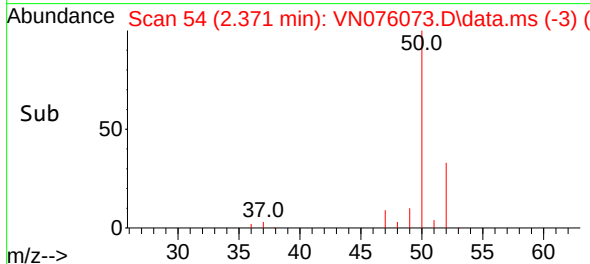
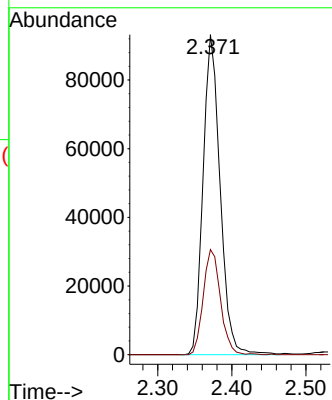
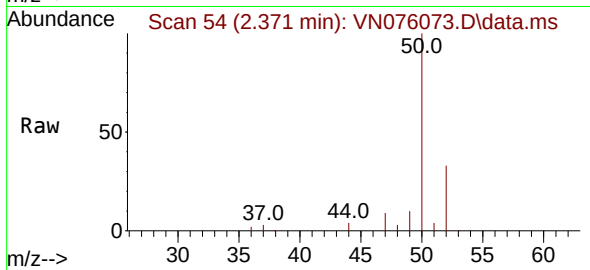
#3
Chloromethane
Concen: 54.091 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.000 min
Lab File: VN076073.D
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Tgt Ion: 50 Resp: 14915
Ion Ratio Lower Upper
50 100
52 32.8 27.7 41.5

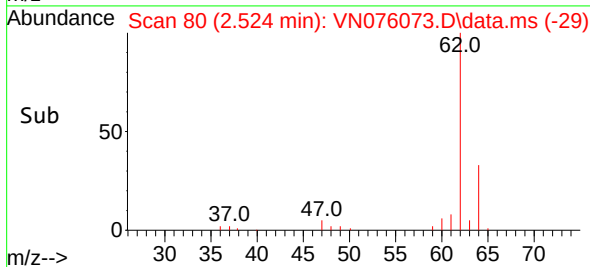
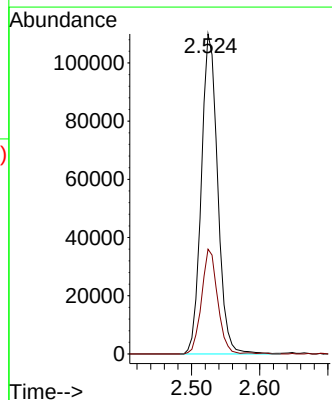
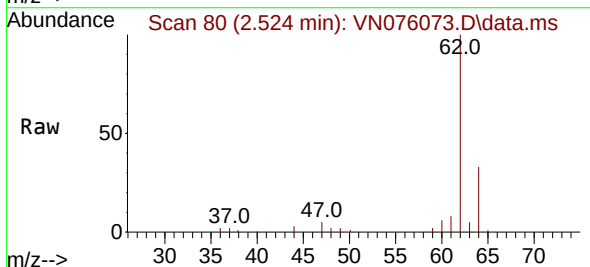
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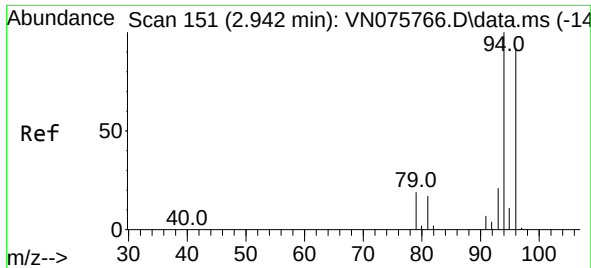
Reviewed By :John Carlone 01/05/2023
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#4
Vinyl Chloride
Concen: 55.700 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

Tgt Ion: 62 Resp: 183209
Ion Ratio Lower Upper
62 100
64 32.8 24.9 37.3





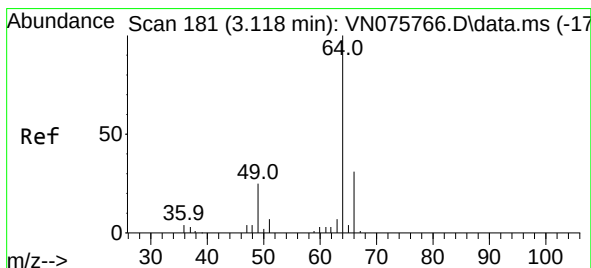
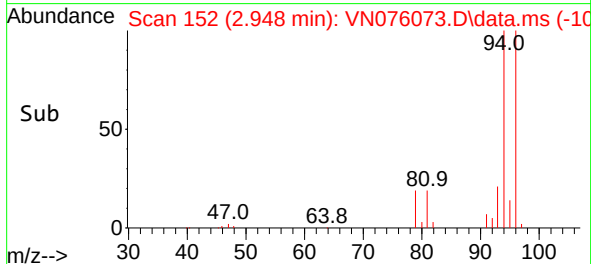
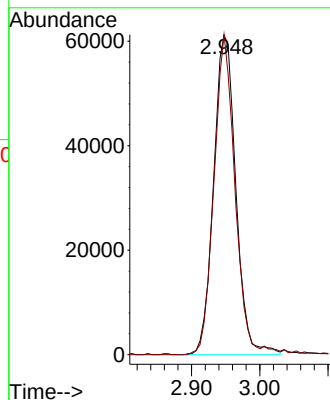
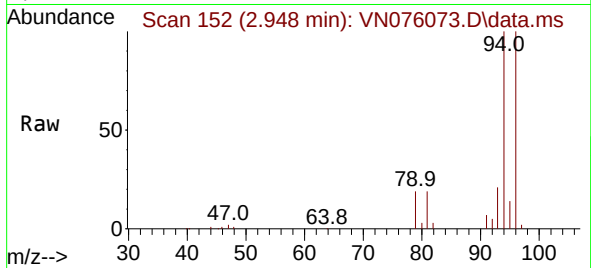
#5
Bromomethane
Concen: 49.663 ug/l
RT: 2.948 min Scan# 151
Delta R.T. 0.006 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 138828
Ion Ratio Lower Upper
94 100
96 100.2 73.8 110.6

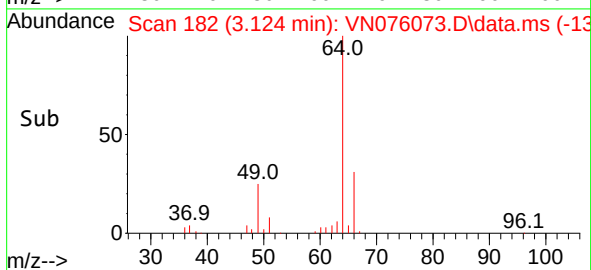
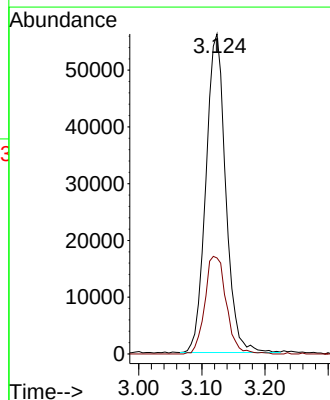
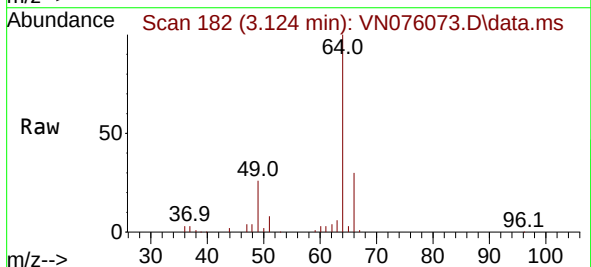
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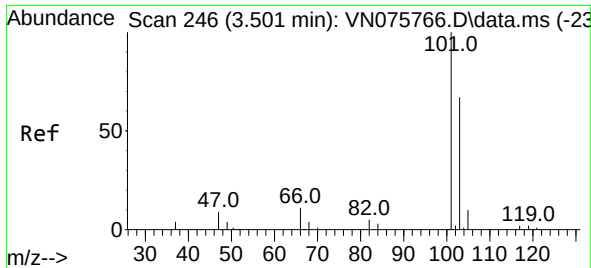
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#6
Chloroethane
Concen: 50.167 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

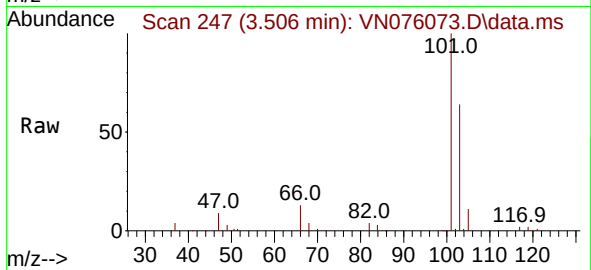
Tgt Ion: 64 Resp: 122196
Ion Ratio Lower Upper
64 100
66 30.1 24.6 36.8





#7
Trichlorofluoromethane
Concen: 50.890 ug/l
RT: 3.506 min Scan# 246
Delta R.T. 0.006 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

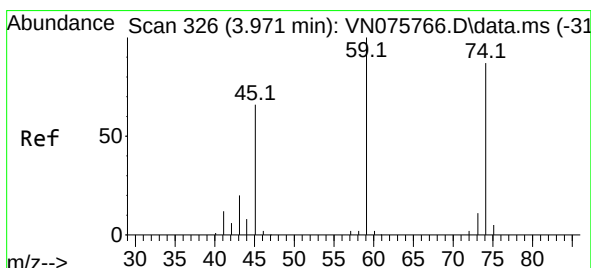
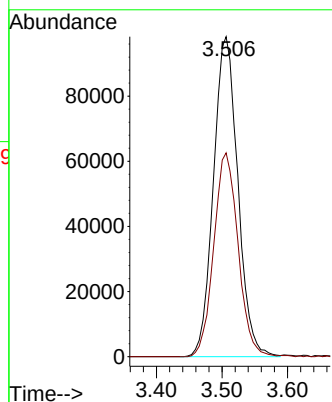
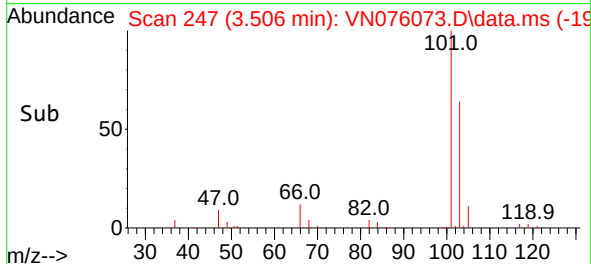
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 25399
Ion Ratio Lower Upper
101 100
103 63.7 53.4 80.2

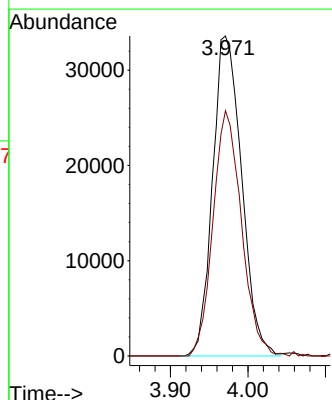
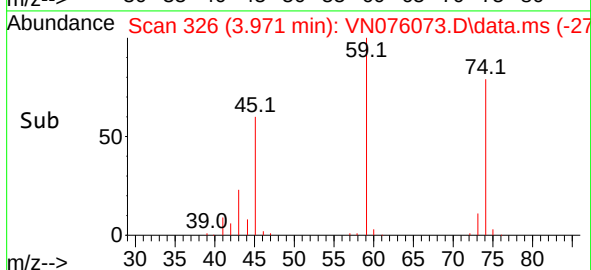
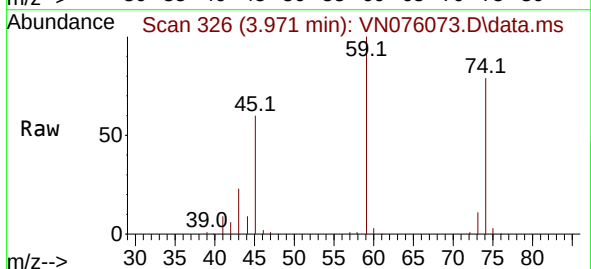
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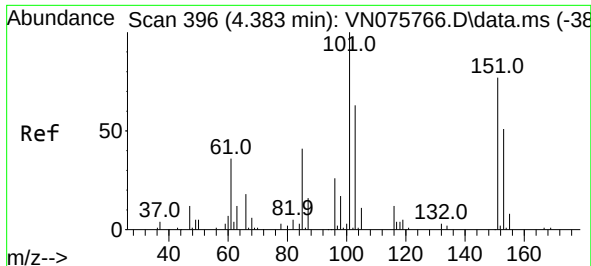
Reviewed By :John Carlone 01/05/2023
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#8
Diethyl Ether
Concen: 47.984 ug/l
RT: 3.971 min Scan# 326
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

Tgt Ion: 74 Resp: 87472
Ion Ratio Lower Upper
74 100
45 75.0 37.8 113.4





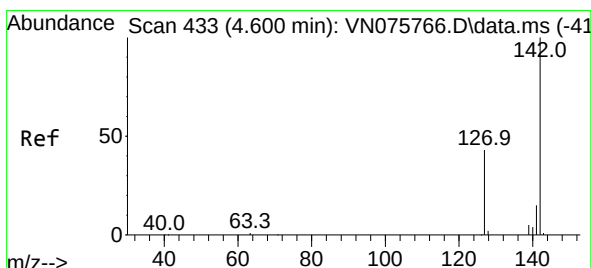
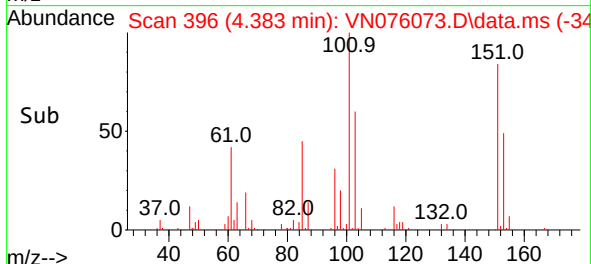
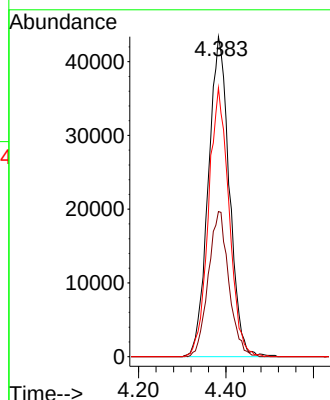
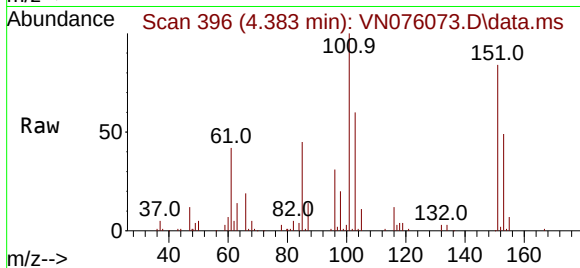
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.980 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 14529
Ion Ratio Lower Upper
101 100
85 44.2 35.3 52.9
151 81.7 65.6 98.4

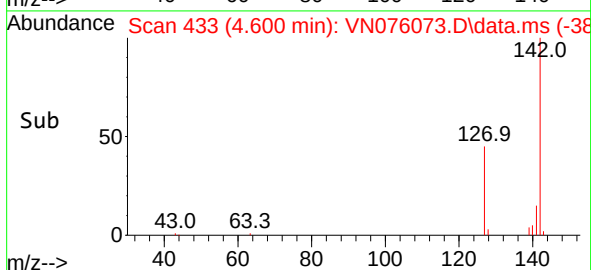
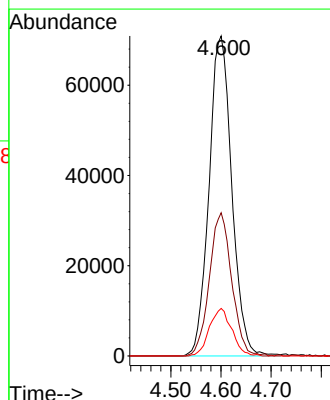
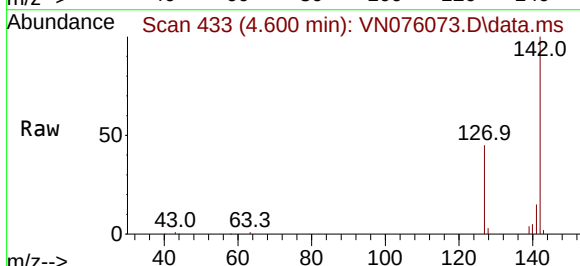
Manual Integrations
APPROVED

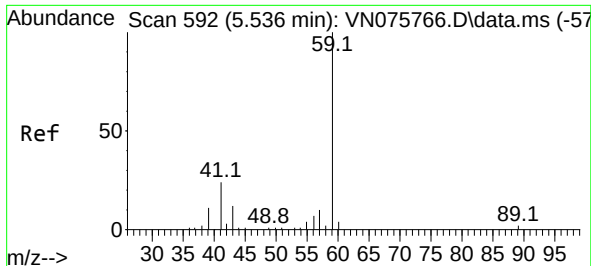
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#10
Methyl Iodide
Concen: 48.478 ug/l
RT: 4.600 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

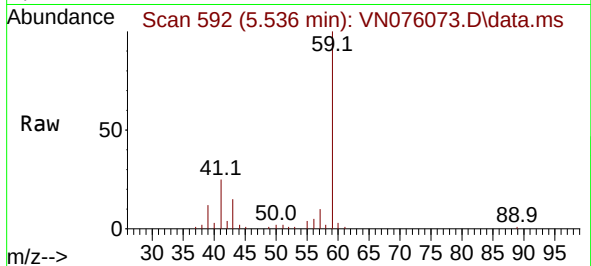
Tgt Ion:142 Resp: 224222
Ion Ratio Lower Upper
142 100
127 43.9 34.7 52.1
141 14.6 11.4 17.2





#11
Tert butyl alcohol
Concen: 218.665 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

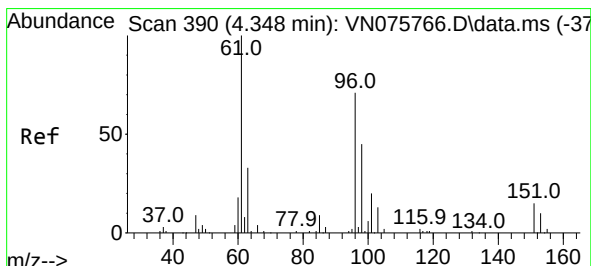
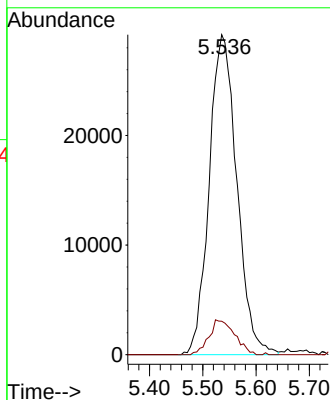
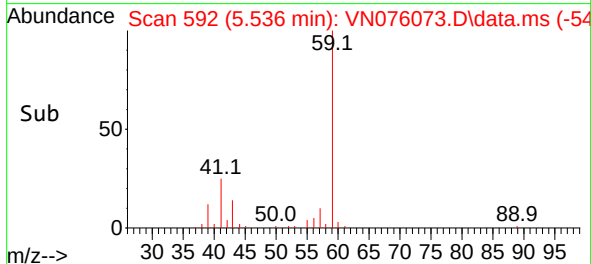
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



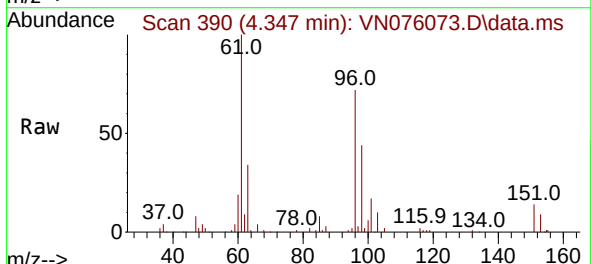
Tgt Ion: 59 Resp: 105120
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

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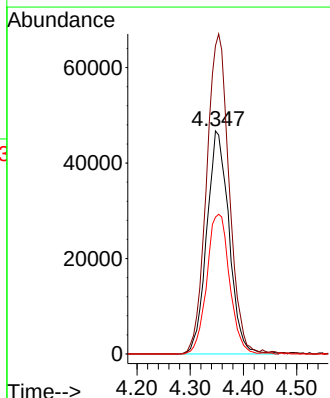
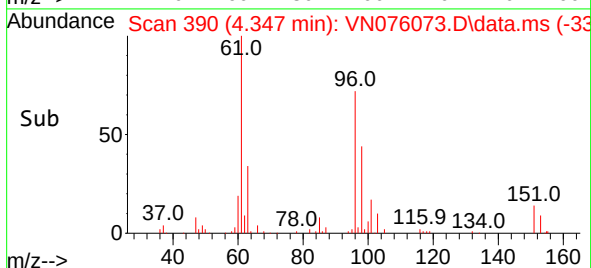
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

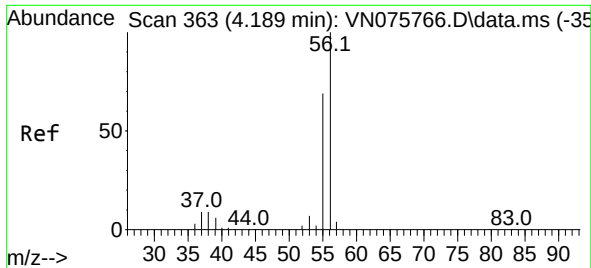


#12
1,1-Dichloroethene
Concen: 48.894 ug/l
RT: 4.347 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33



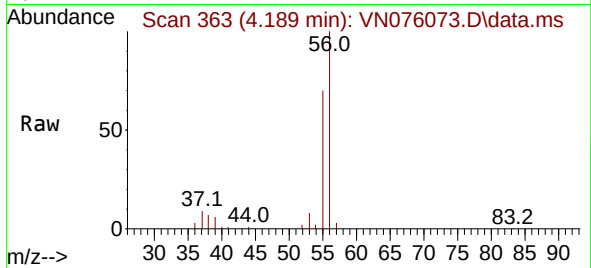
Tgt Ion: 96 Resp: 135337
Ion Ratio Lower Upper
96 100
61 138.1 113.3 169.9
98 61.4 50.9 76.3





#13
Acrolein
Concen: 229.871 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

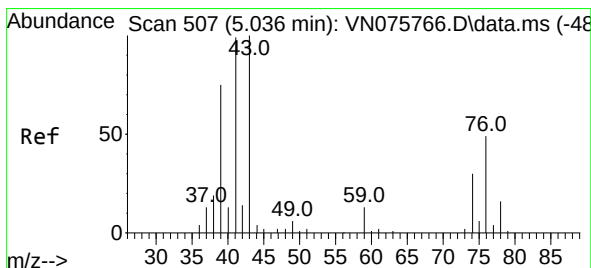
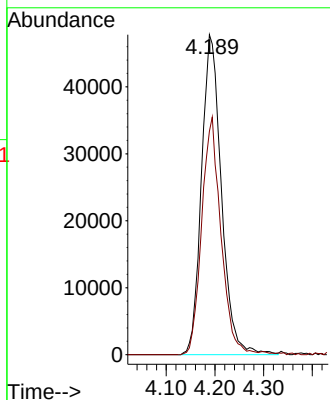
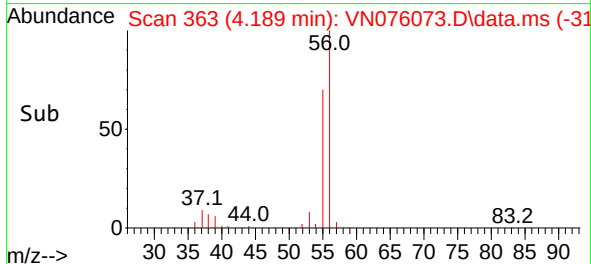
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 135486
Ion Ratio Lower Upper
56 100
55 71.5 54.8 82.2

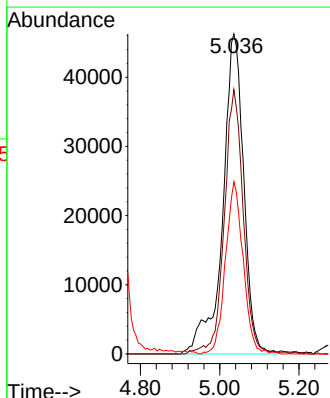
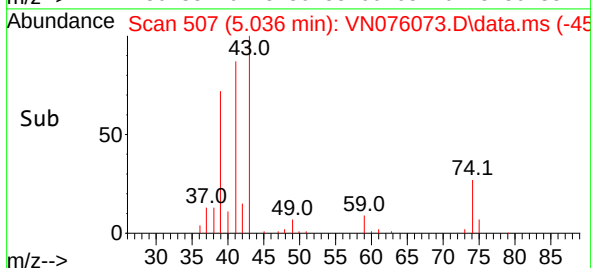
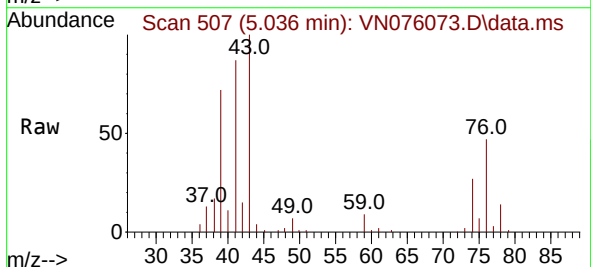
Manual Integrations
APPROVED

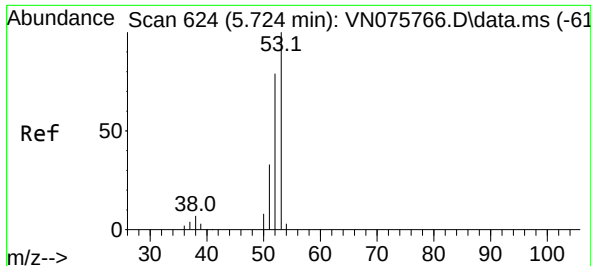
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#14
Allyl chloride
Concen: 52.775 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

Tgt Ion: 41 Resp: 170766
Ion Ratio Lower Upper
41 100
39 74.4 58.3 87.5
76 45.2 35.8 53.6





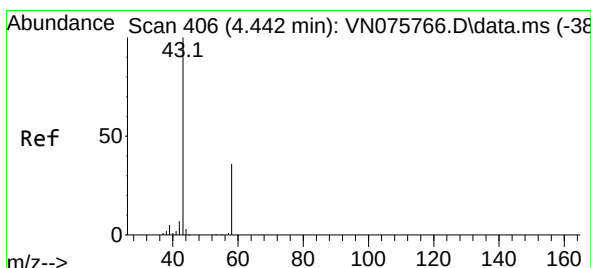
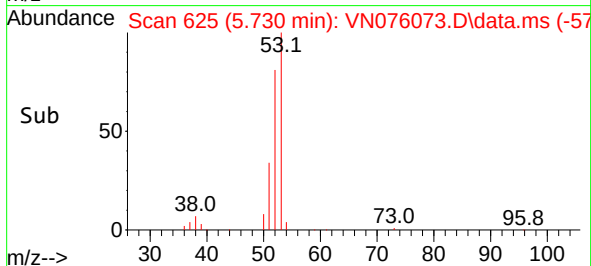
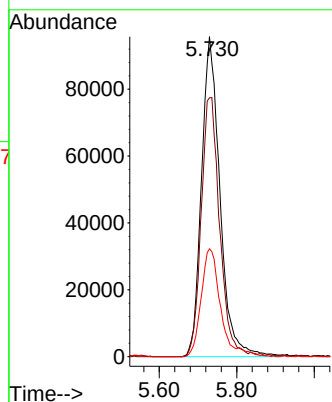
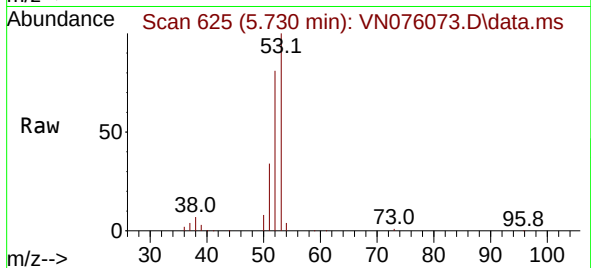
#15
Acrylonitrile
Concen: 241.480 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 31681
Ion Ratio Lower Upper
53 100
52 80.5 65.4 98.0
51 35.4 28.9 43.3

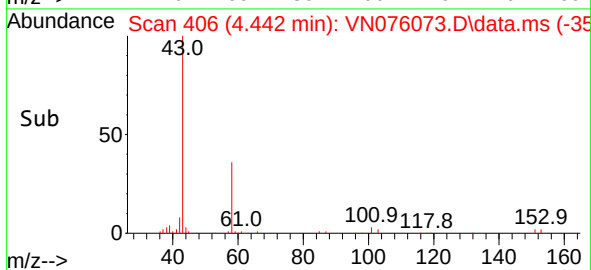
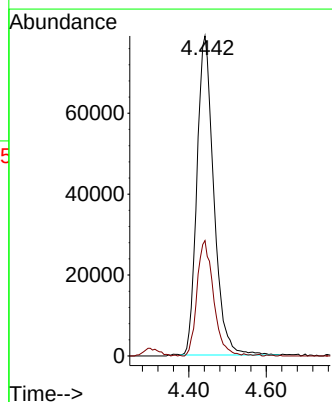
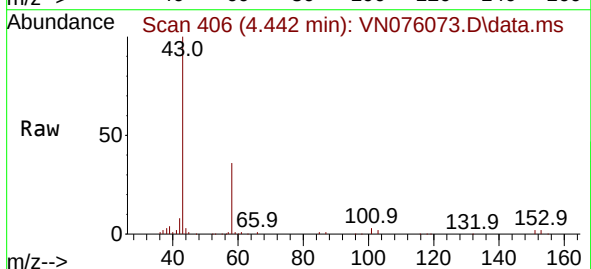
Manual Integrations
APPROVED

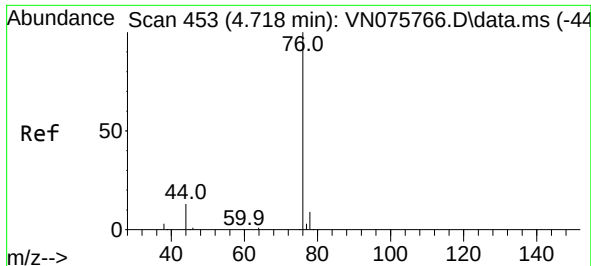
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#16
Acetone
Concen: 203.551 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

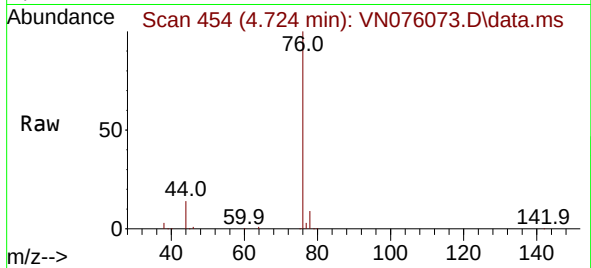
Tgt Ion: 43 Resp: 238406
Ion Ratio Lower Upper
43 100
58 36.0 28.6 43.0





#17
Carbon Disulfide
Concen: 49.544 ug/l
RT: 4.724 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

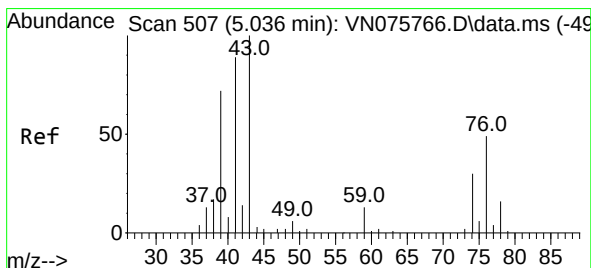
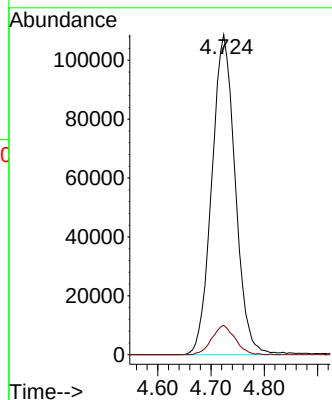
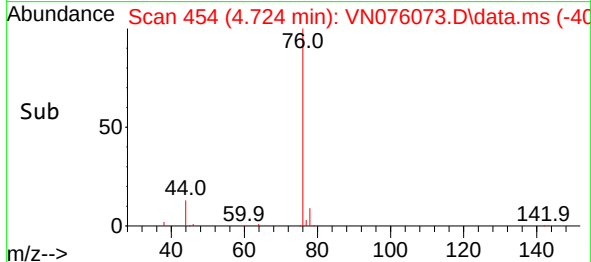
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 332035
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2

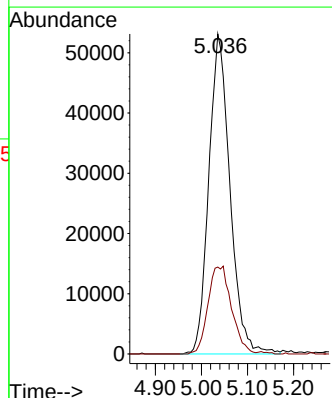
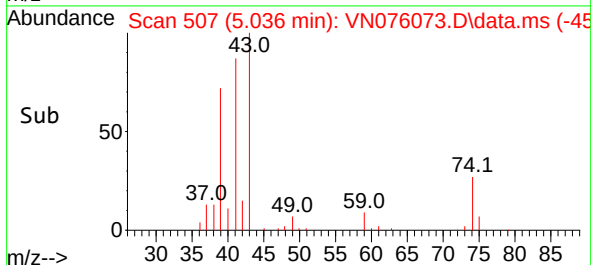
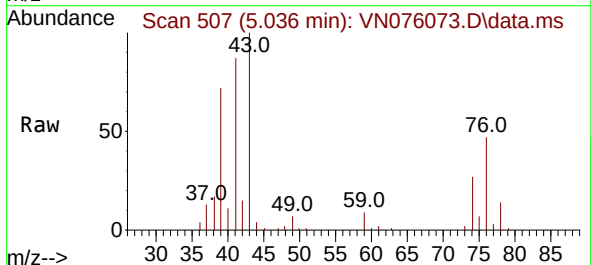
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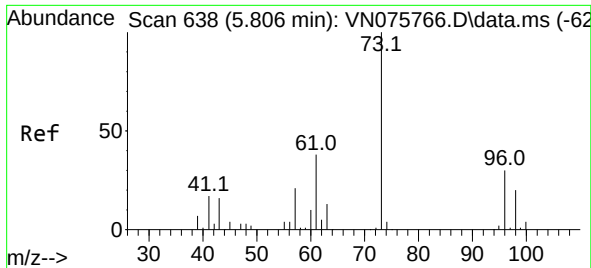
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#18
Methyl Acetate
Concen: 49.037 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

Tgt Ion: 43 Resp: 169771
Ion Ratio Lower Upper
43 100
74 30.4 23.6 35.4





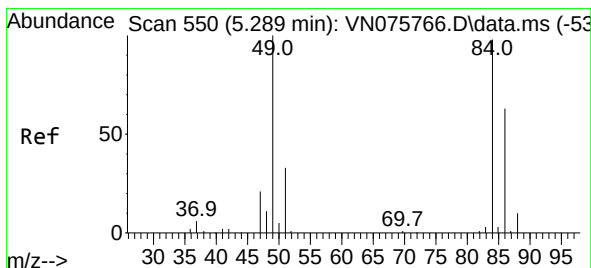
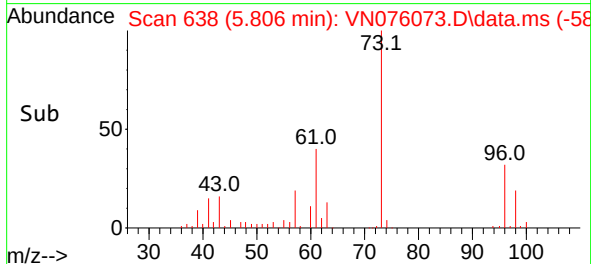
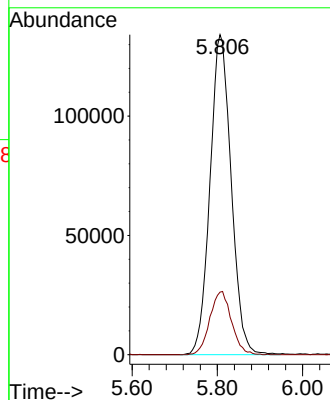
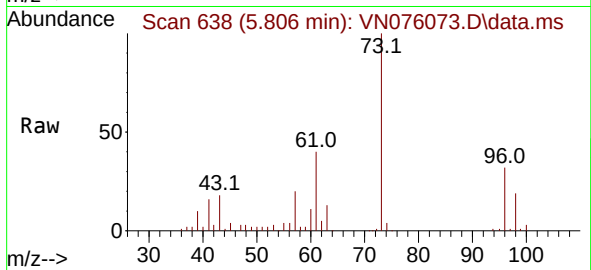
#19
Methyl tert-butyl Ether
Concen: 50.775 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 46281
Ion Ratio Lower Upper
73 100
57 19.5 17.1 25.7

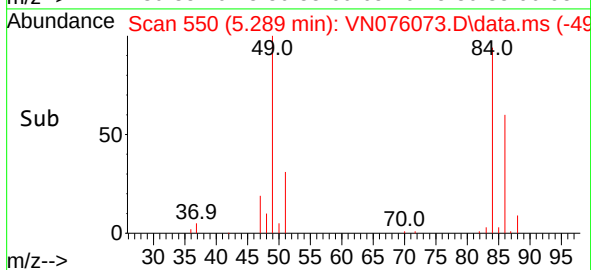
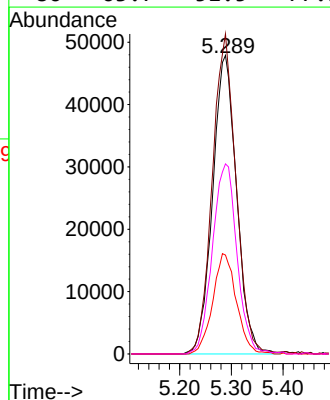
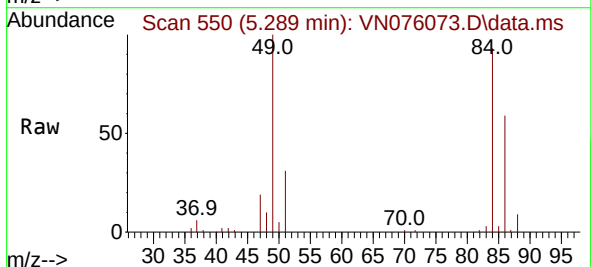
Manual Integrations
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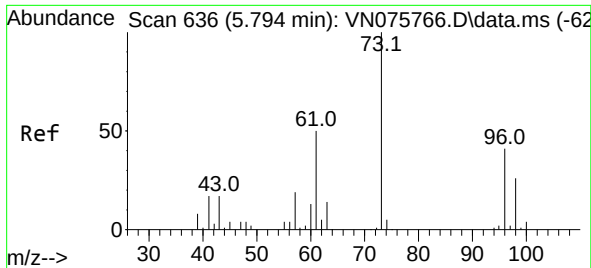
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#20
Methylene Chloride
Concen: 49.326 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

Tgt Ion: 84 Resp: 154573
Ion Ratio Lower Upper
84 100
49 107.2 81.8 122.6
51 33.1 26.7 40.1
86 63.7 51.5 77.3





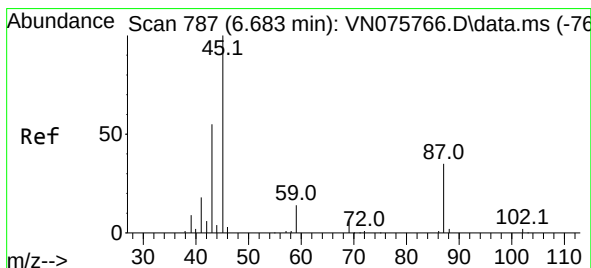
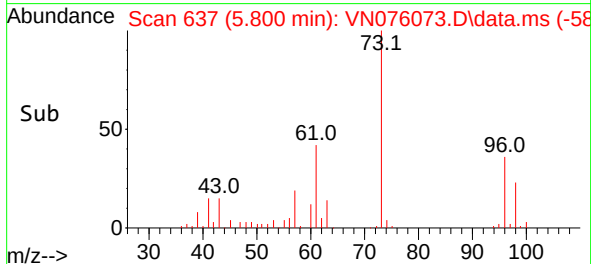
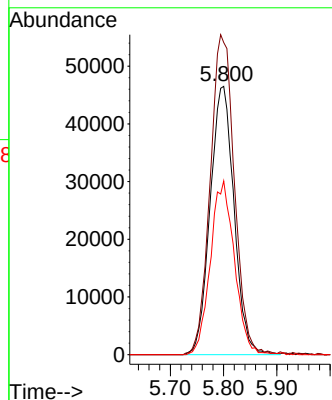
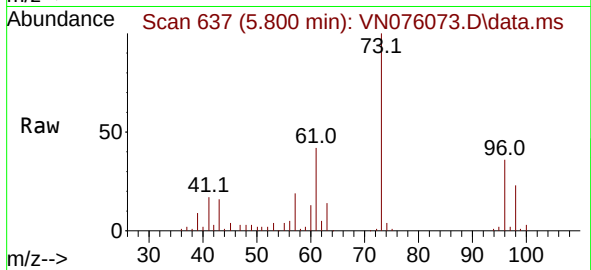
#21
trans-1,2-Dichloroethene
Concen: 47.784 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 14485
Ion Ratio Lower Upper
96 100
61 116.3 98.1 147.1
98 64.8 51.4 77.2

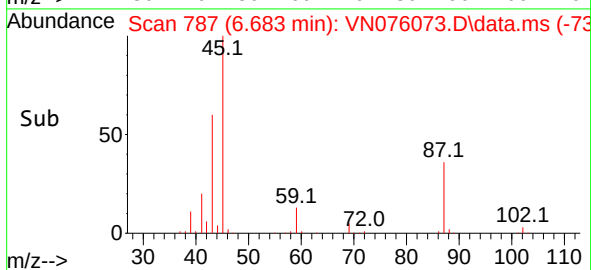
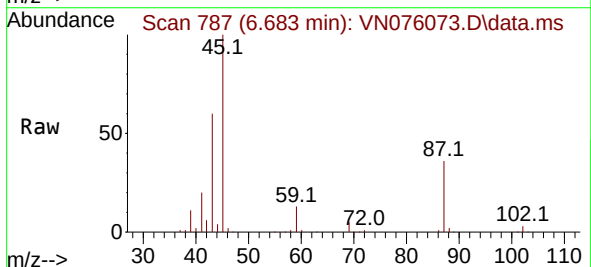
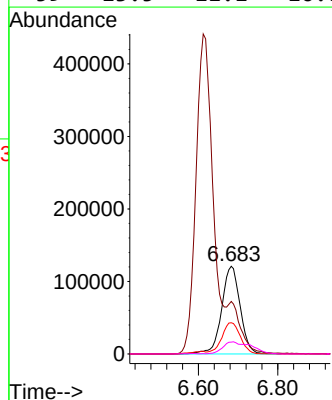
Manual Integrations
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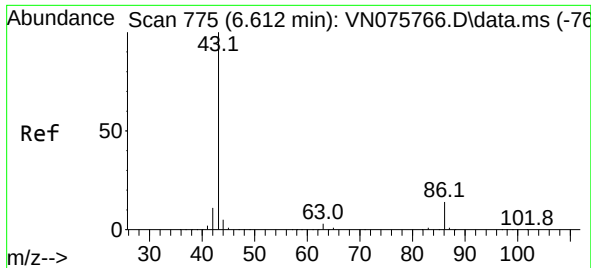
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#22
Diisopropyl ether
Concen: 49.819 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

Tgt Ion: 45 Resp: 391599
Ion Ratio Lower Upper
45 100
43 59.0 44.2 66.4
87 35.6 28.3 42.5
59 13.5 11.1 16.7





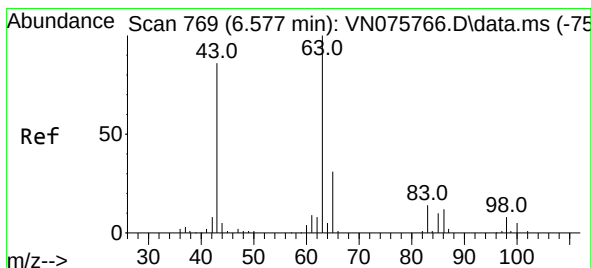
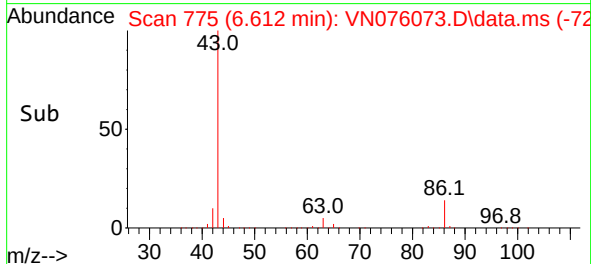
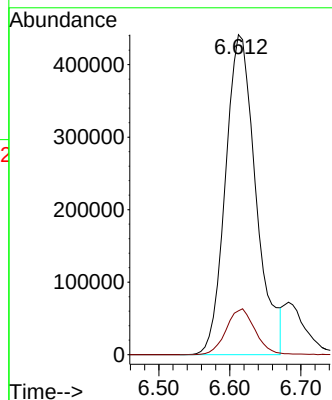
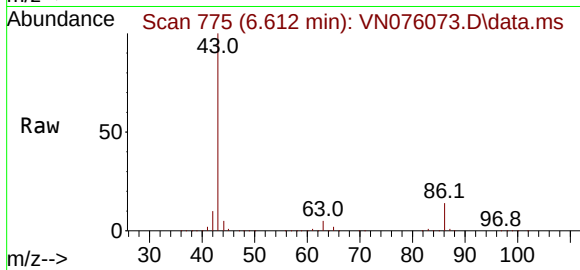
#23
 Vinyl Acetate
 Concen: 248.827 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN076073.D
 Acq: 04 Jan 2023 11:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1316458
 Ion Ratio Lower Upper
 43 100
 86 13.7 11.4 17.2

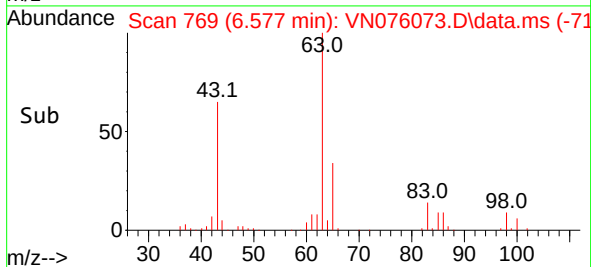
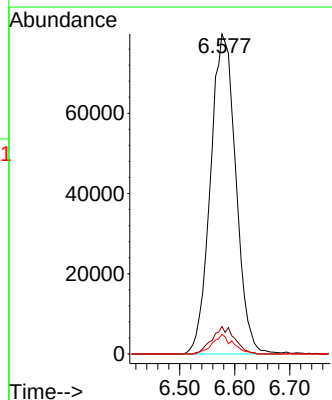
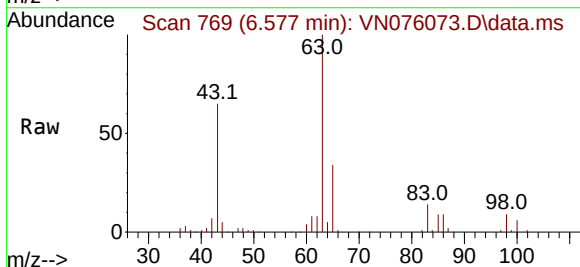
Manual Integrations
 APPROVED

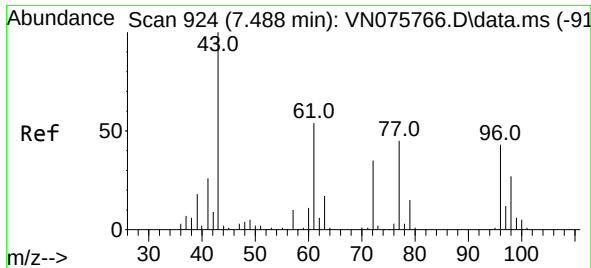
Reviewed By :John Carlone 01/05/2023
 Supervised By :Mahesh Dadoda 01/05/2023



#24
 1,1-Dichloroethane
 Concen: 48.799 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN076073.D
 Acq: 04 Jan 2023 11:33

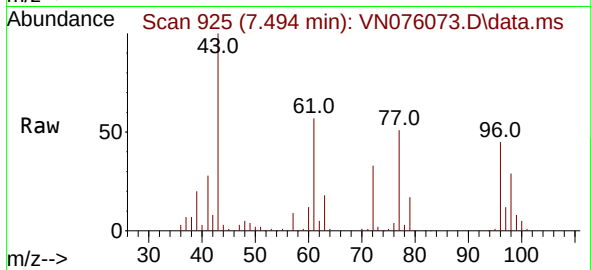
Tgt Ion: 63 Resp: 255818
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.9 11.5
 100 6.1 2.5 7.6





#25
2-Butanone
Concen: 235.969 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

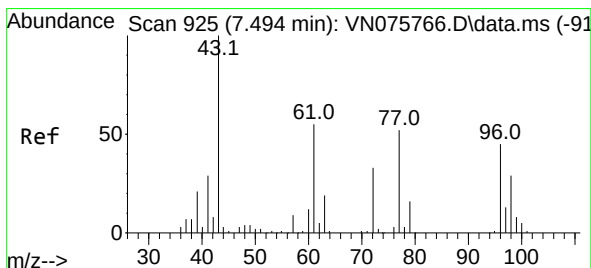
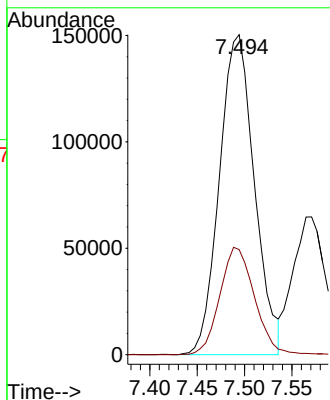
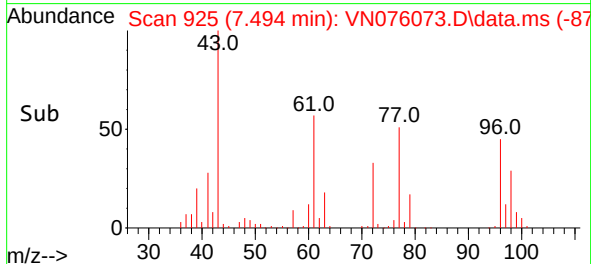
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



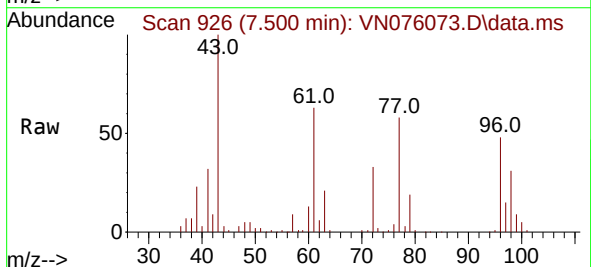
Tgt Ion: 43 Resp: 38697
Ion Ratio Lower Upper
43 100
72 32.9 28.0 42.0

Manual Integrations
APPROVED

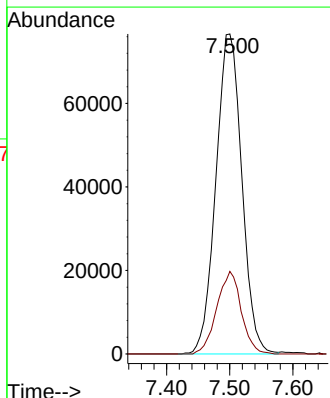
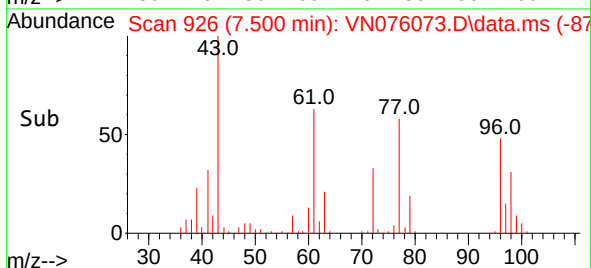
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

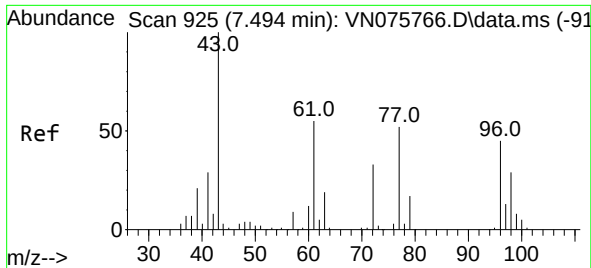


#26
2,2-Dichloropropane
Concen: 49.224 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33



Tgt Ion: 77 Resp: 218526
Ion Ratio Lower Upper
77 100
97 24.3 12.7 38.0





#27

cis-1,2-Dichloroethene

Concen: 49.096 ug/l

RT: 7.494 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN076073.D

Acq: 04 Jan 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 177990

Ion Ratio Lower Upper

96 100

61 127.7 0.0 247.8

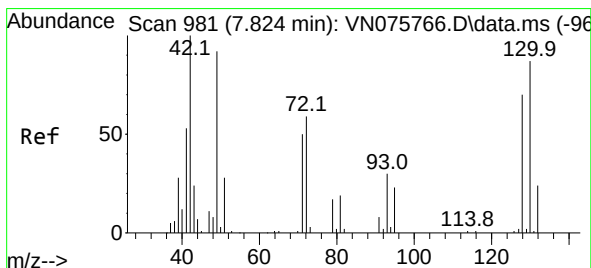
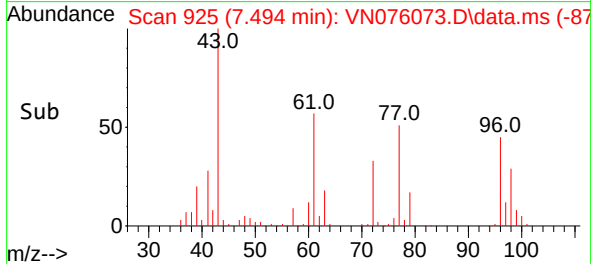
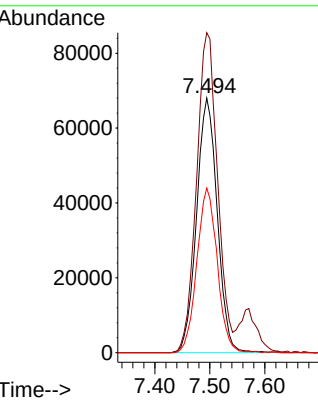
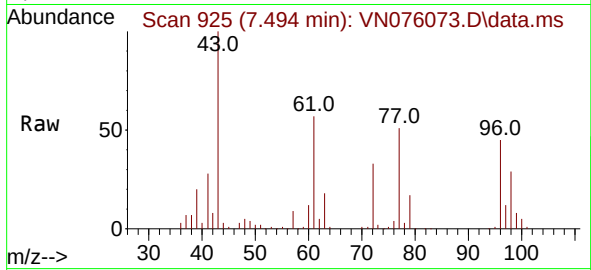
98 63.8 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#28

Bromochloromethane

Concen: 42.764 ug/l

RT: 7.818 min Scan# 980

Delta R.T. -0.006 min

Lab File: VN076073.D

Acq: 04 Jan 2023 11:33

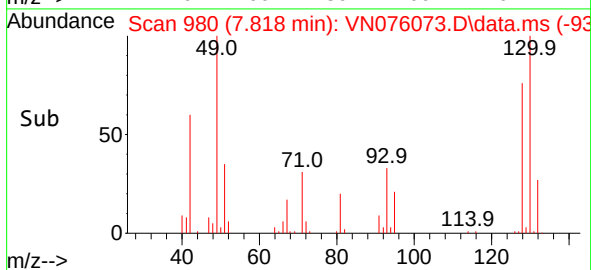
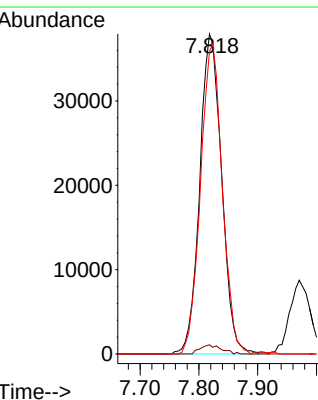
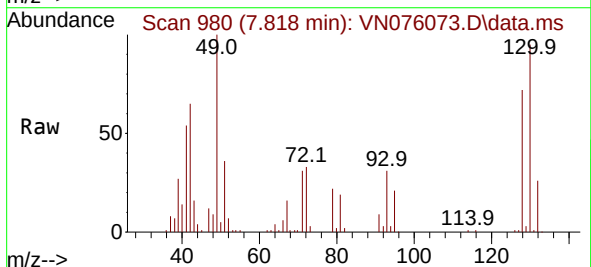
Tgt Ion: 49 Resp: 98258

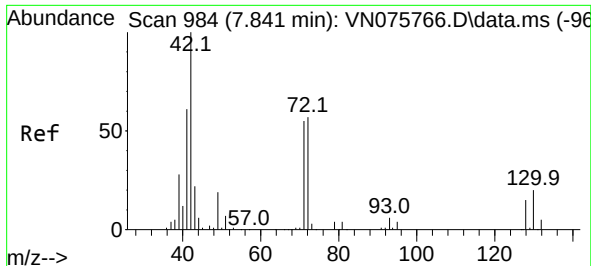
Ion Ratio Lower Upper

49 100

129 2.7 0.0 5.0

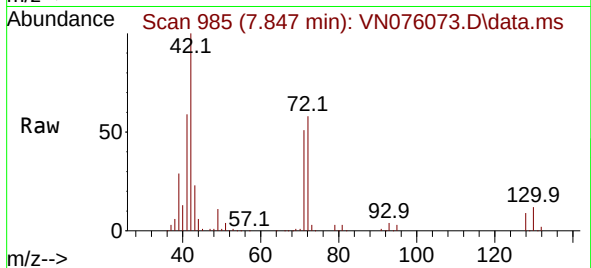
130 96.1 77.0 115.4





#29
Tetrahydrofuran
Concen: 249.776 ug/l
RT: 7.847 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

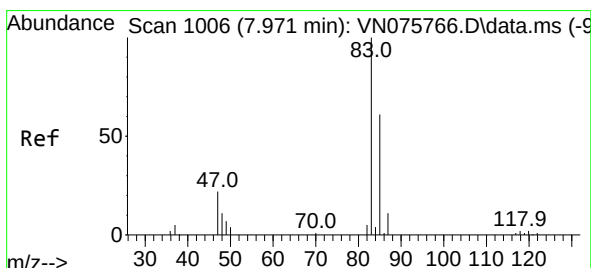
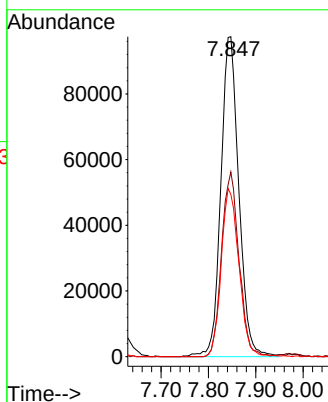
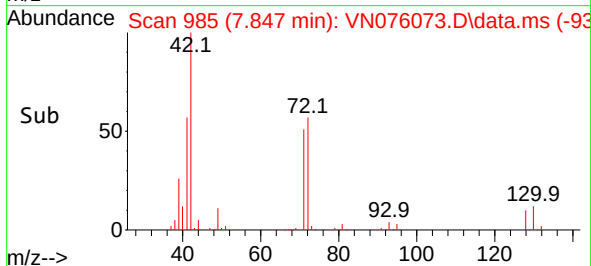
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 25669
Ion Ratio Lower Upper
42 100
72 56.2 44.5 66.7
71 51.9 41.0 61.6

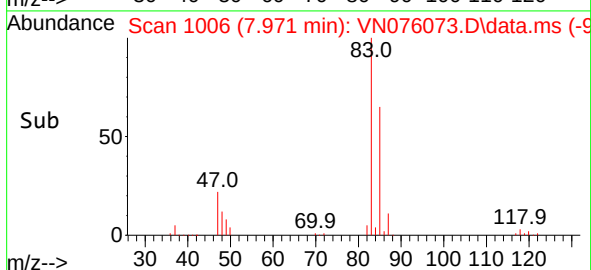
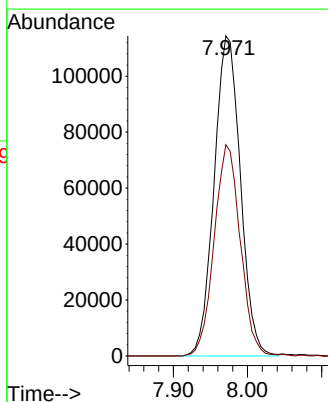
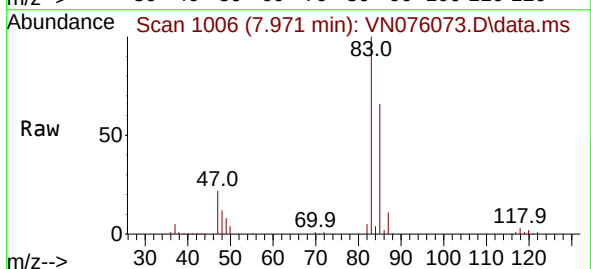
Manual Integrations
APPROVED

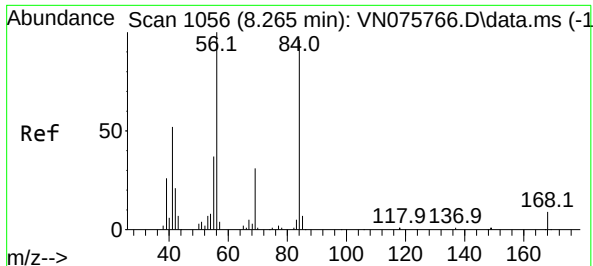
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#30
Chloroform
Concen: 47.760 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

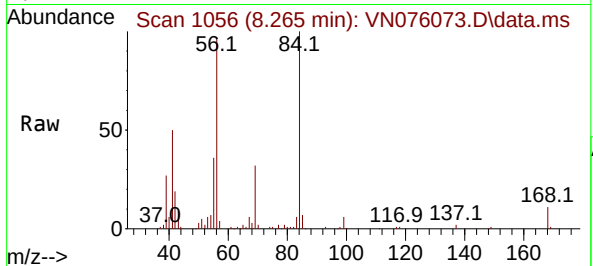
Tgt Ion: 83 Resp: 281892
Ion Ratio Lower Upper
83 100
85 66.0 49.1 73.7





#31
Cyclohexane
Concen: 47.276 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

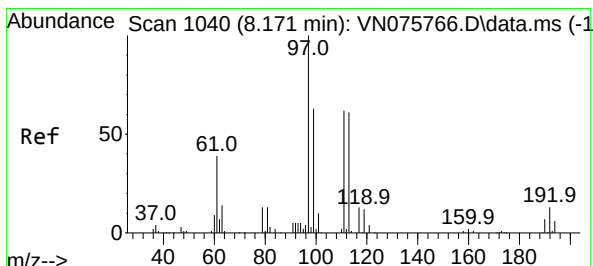
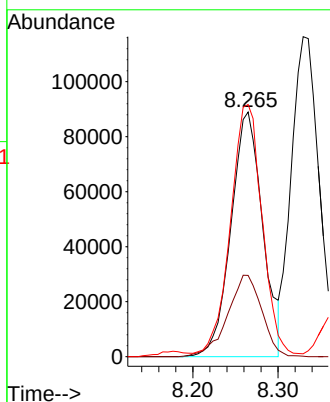
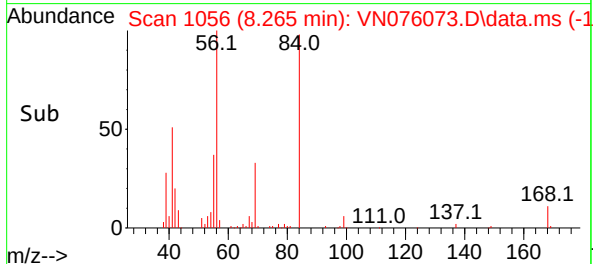
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



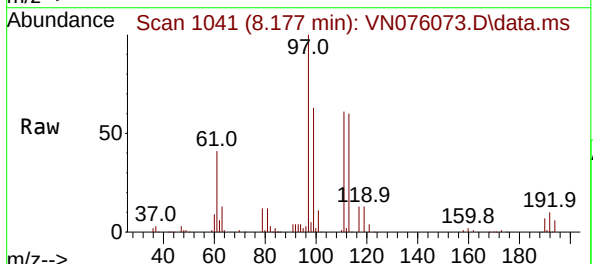
Tgt Ion: 56 Resp: 230044
Ion Ratio Lower Upper
56 100
69 32.8 24.7 37.1
84 101.0 76.5 114.7

Manual Integrations
APPROVED

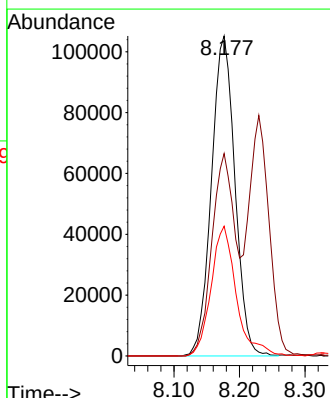
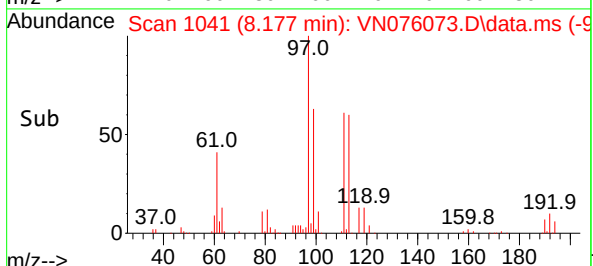
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

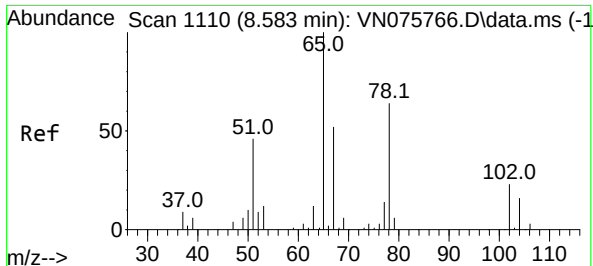


#32
1,1,1-Trichloroethane
Concen: 50.029 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33



Tgt Ion: 97 Resp: 261790
Ion Ratio Lower Upper
97 100
99 61.6 50.2 75.2
61 43.6 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 47.864 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN076073.D

Acq: 04 Jan 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 16262

Ion Ratio Lower Upper

65 100

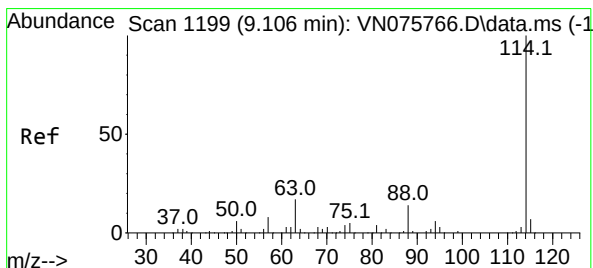
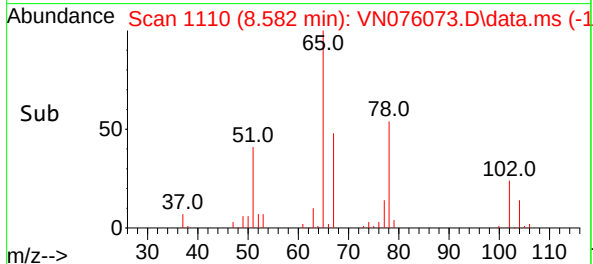
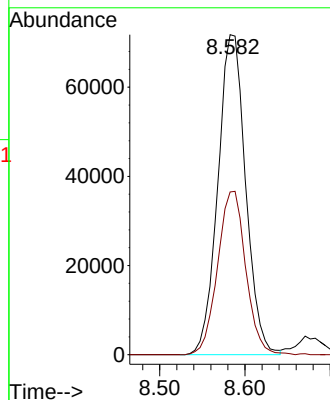
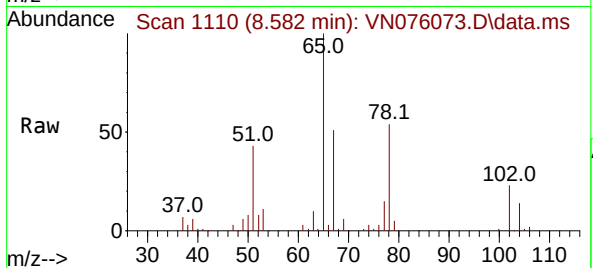
67 51.8 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076073.D

Acq: 04 Jan 2023 11:33

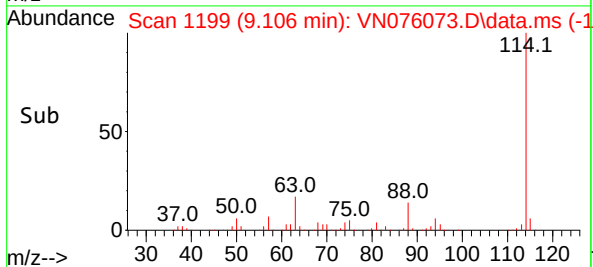
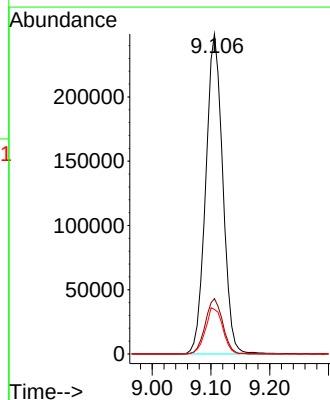
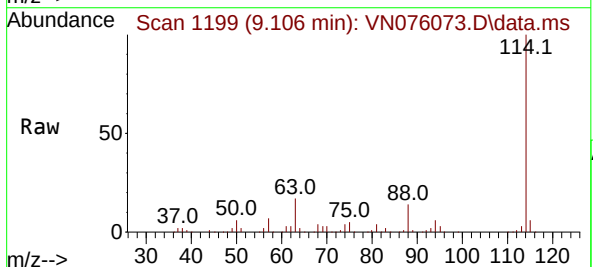
Tgt Ion:114 Resp: 499303

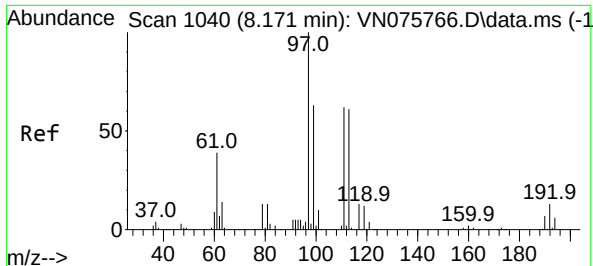
Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.4

88 13.9 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.728 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN076073.D

Acq: 04 Jan 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 15067

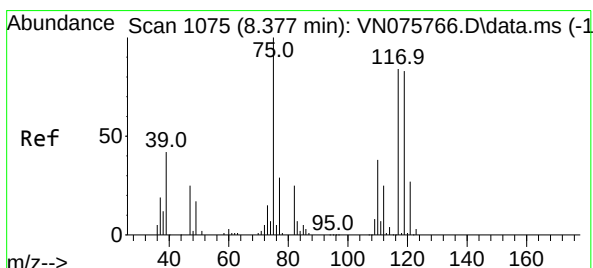
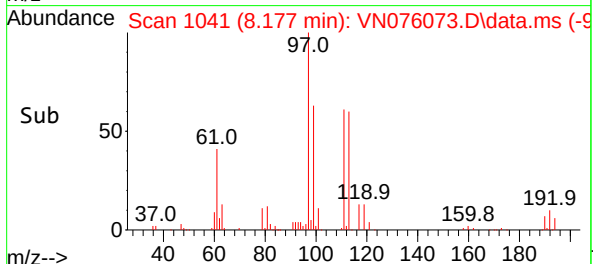
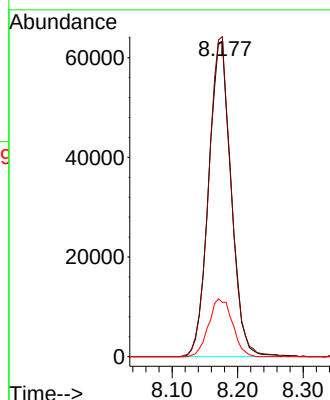
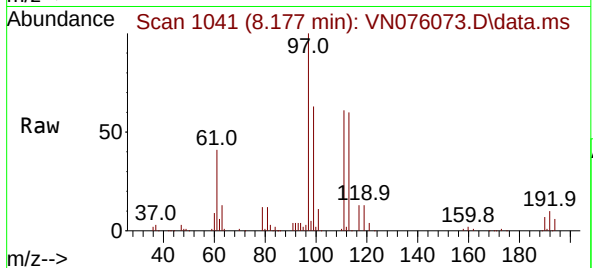
Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.4	125.2
192	19.5	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#36

1,1-Dichloropropene

Concen: 50.312 ug/l

RT: 8.377 min Scan# 1075

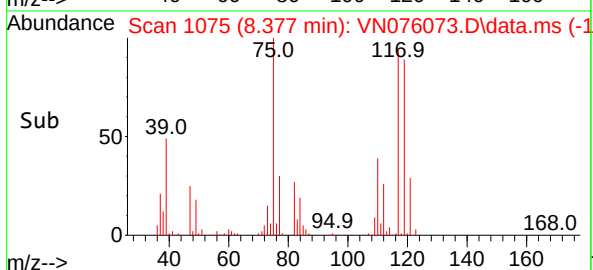
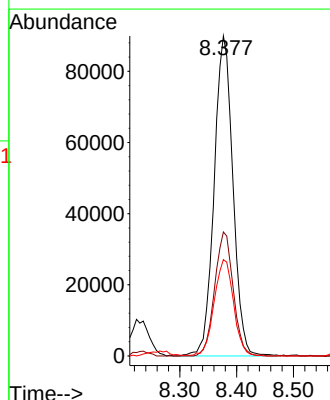
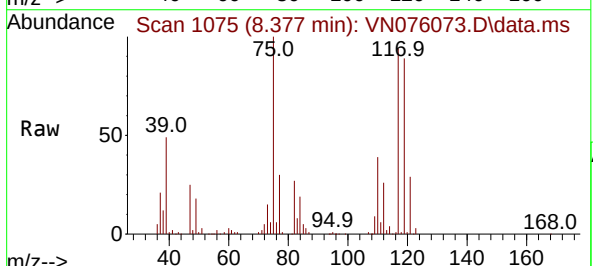
Delta R.T. -0.000 min

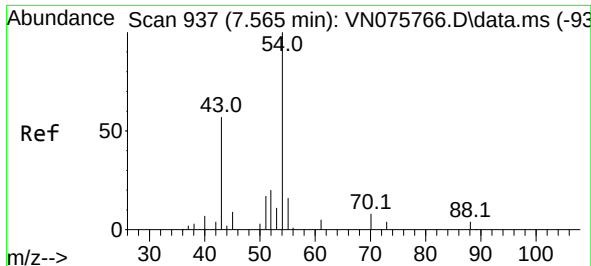
Lab File: VN076073.D

Acq: 04 Jan 2023 11:33

Tgt Ion: 75 Resp: 206660

Ion	Ratio	Lower	Upper
75	100		
110	38.2	18.8	56.4
77	31.2	24.1	36.1





#37

Ethyl Acetate

Concen: 50.242 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076073.D

Acq: 04 Jan 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 165768

Ion Ratio Lower Upper

43 100

61 15.0 13.0 19.4

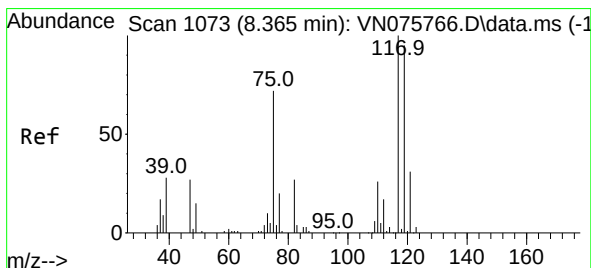
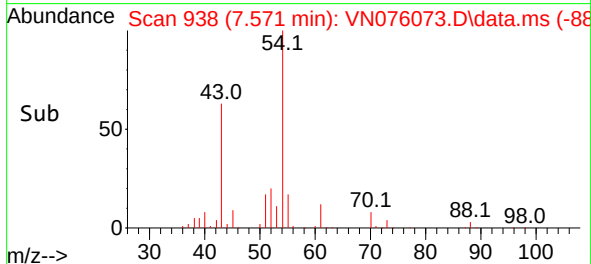
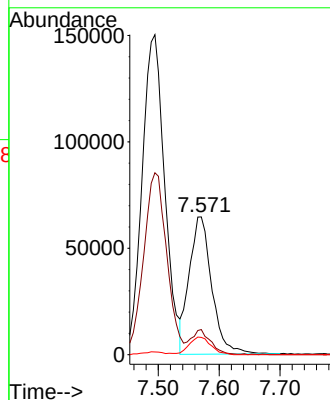
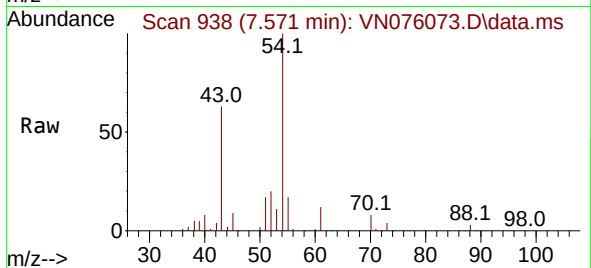
70 12.5 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#38

Carbon Tetrachloride

Concen: 51.413 ug/l

RT: 8.371 min Scan# 1074

Delta R.T. 0.006 min

Lab File: VN076073.D

Acq: 04 Jan 2023 11:33

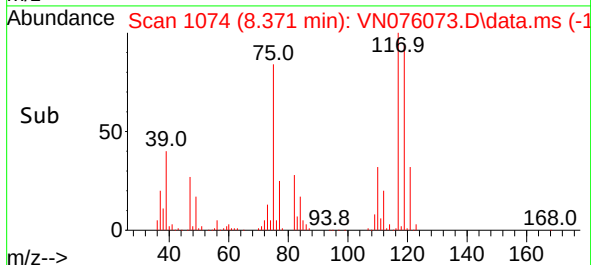
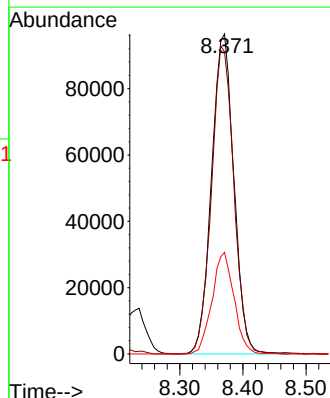
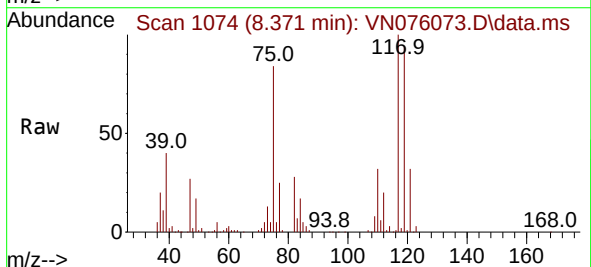
Tgt Ion:117 Resp: 236359

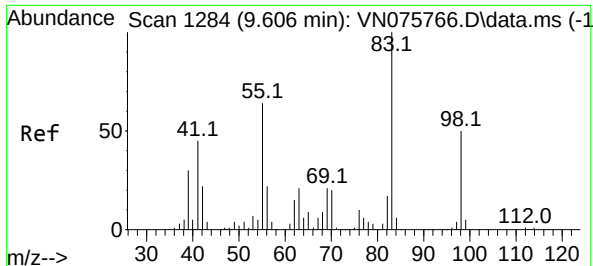
Ion Ratio Lower Upper

117 100

119 94.4 76.1 114.1

121 31.8 24.5 36.7





#39

Methylcyclohexane

Concen: 53.682 ug/l

RT: 9.606 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076073.D

Acq: 04 Jan 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 266020

Ion Ratio Lower Upper

83 100

55 64.7 51.4 77.0

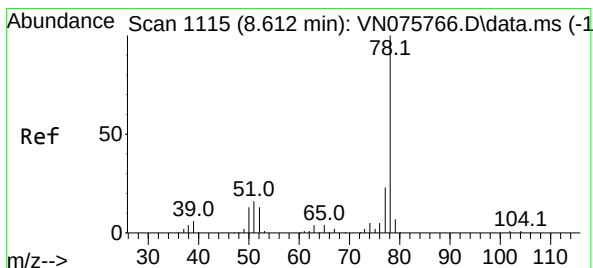
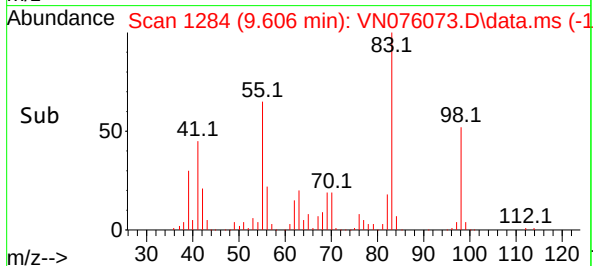
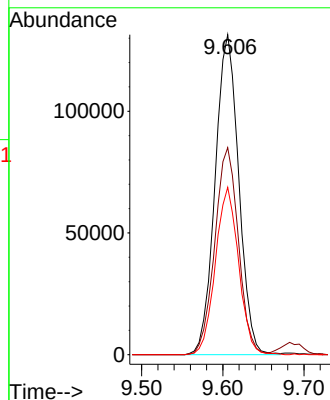
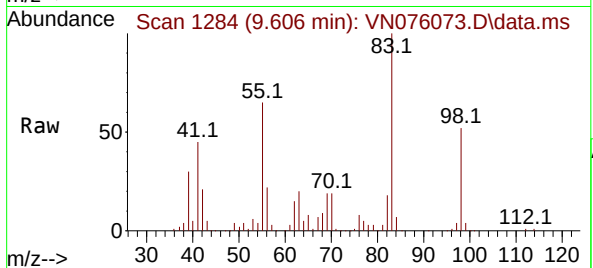
98 52.3 39.8 59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#40

Benzene

Concen: 49.265 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076073.D

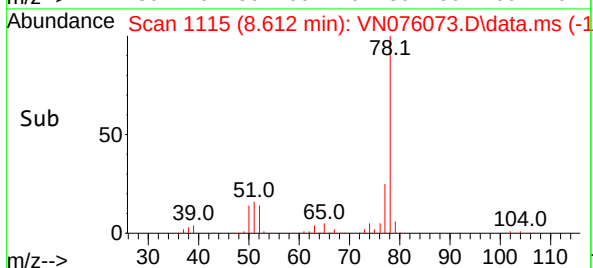
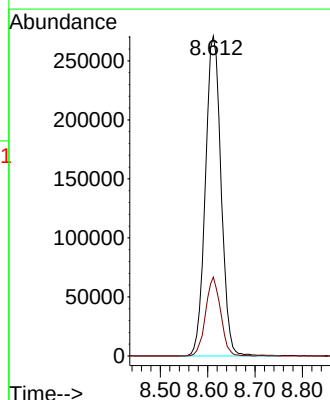
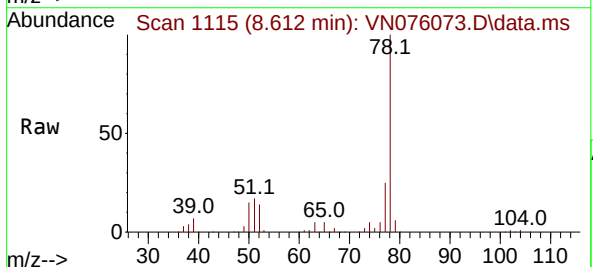
Acq: 04 Jan 2023 11:33

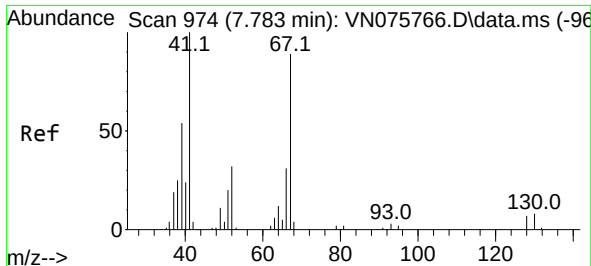
Tgt Ion: 78 Resp: 624346

Ion Ratio Lower Upper

78 100

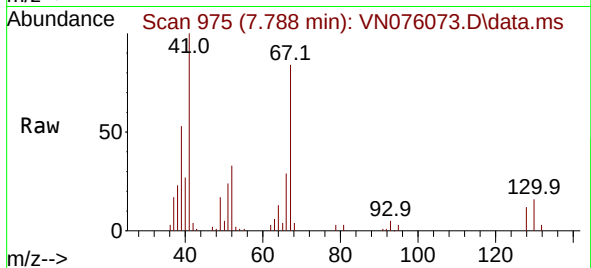
77 24.6 18.5 27.7





#41
Methacrylonitrile
Concen: 50.457 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

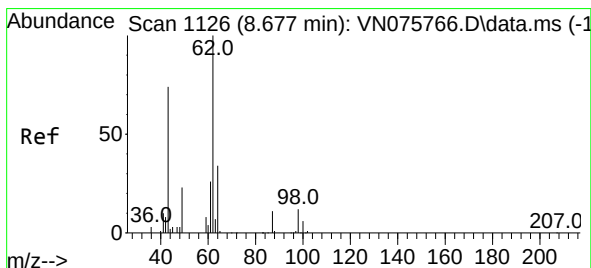
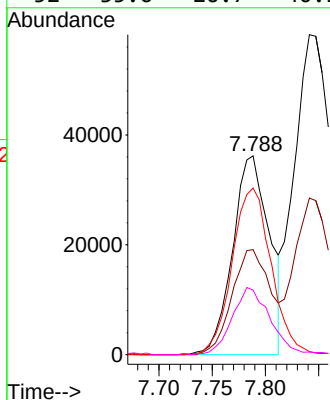
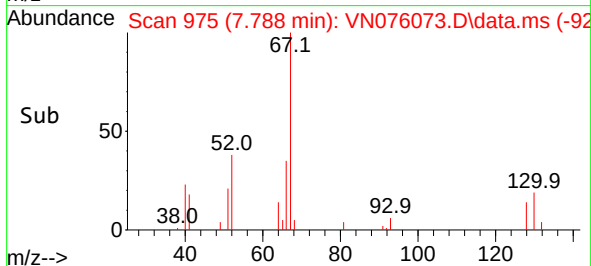
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



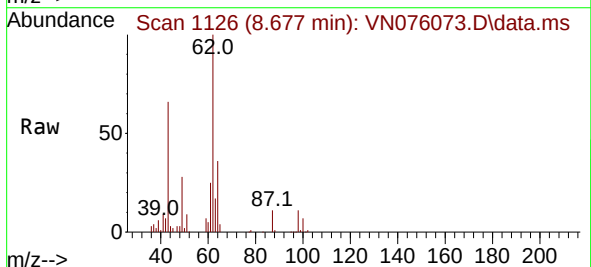
Tgt Ion: 41 Resp: 8653
Ion Ratio Lower Upper
41 100
39 55.0 43.1 64.7
67 89.3 70.7 106.1
52 35.6 26.7 40.1

Manual Integrations
APPROVED

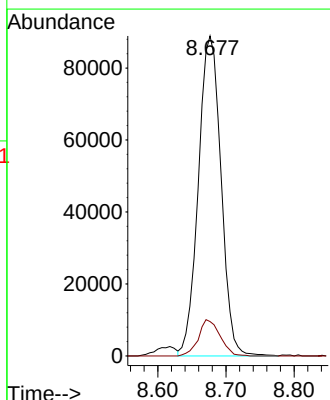
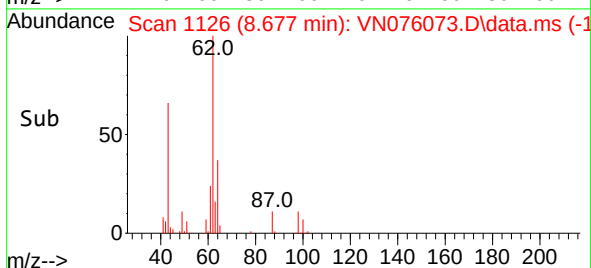
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

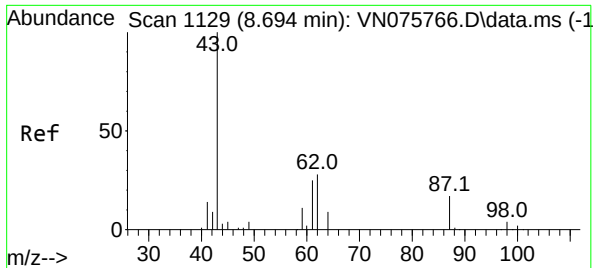


#42
1,2-Dichloroethane
Concen: 48.812 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33



Tgt Ion: 62 Resp: 205661
Ion Ratio Lower Upper
62 100
98 10.8 0.0 20.8





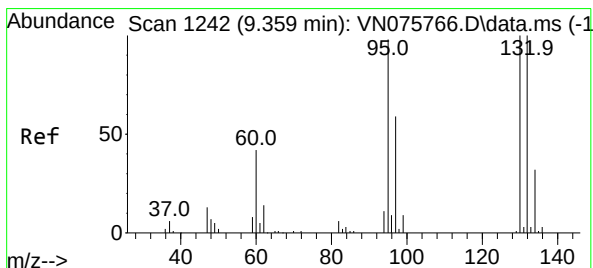
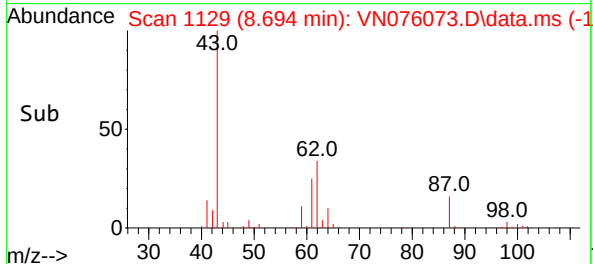
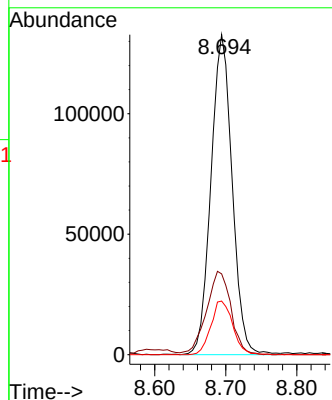
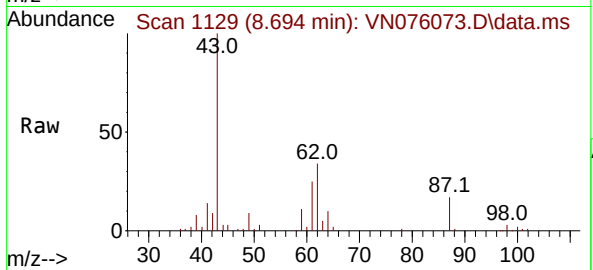
#43
Isopropyl Acetate
Concen: 50.543 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 275083
Ion Ratio Lower Upper
43 100
61 30.2 24.2 36.4
87 17.3 13.3 19.9

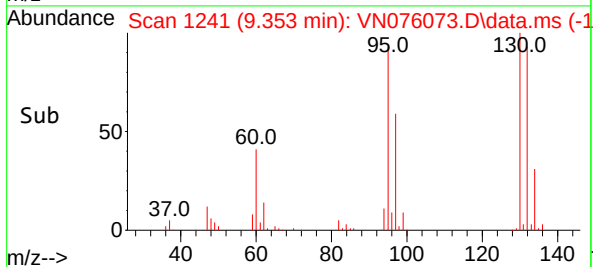
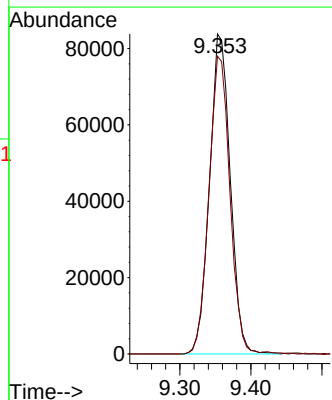
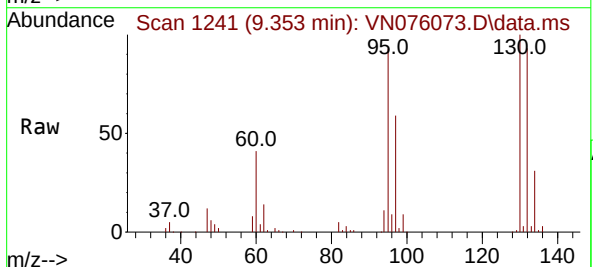
Manual Integrations
APPROVED

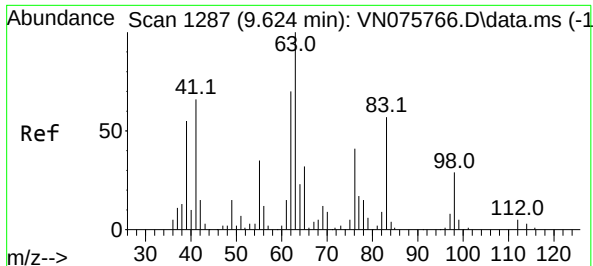
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#44
Trichloroethene
Concen: 47.570 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

Tgt Ion:130 Resp: 169840
Ion Ratio Lower Upper
130 100
95 93.1 0.0 195.4





#45

1,2-Dichloropropane

Concen: 48.912 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076073.D

Acq: 04 Jan 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 15084

Ion Ratio Lower Upper

63 100

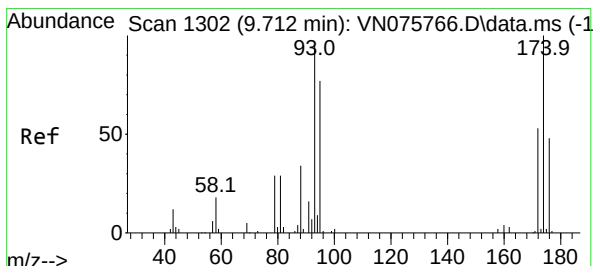
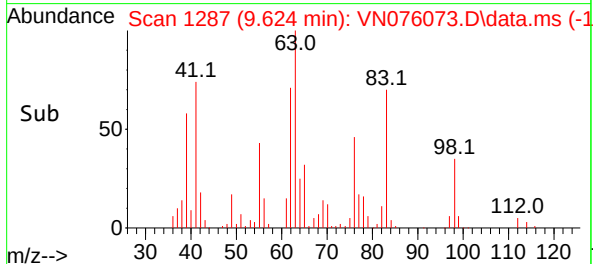
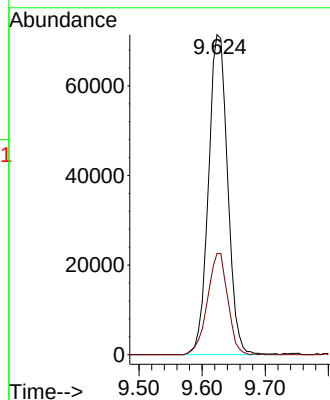
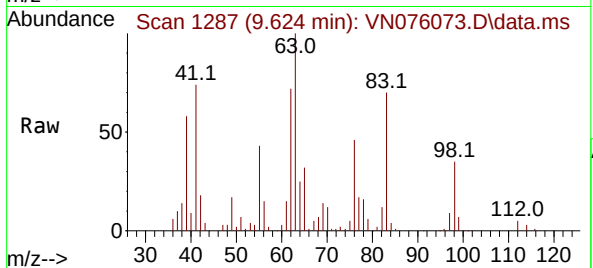
65 31.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#46

Dibromomethane

Concen: 48.456 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076073.D

Acq: 04 Jan 2023 11:33

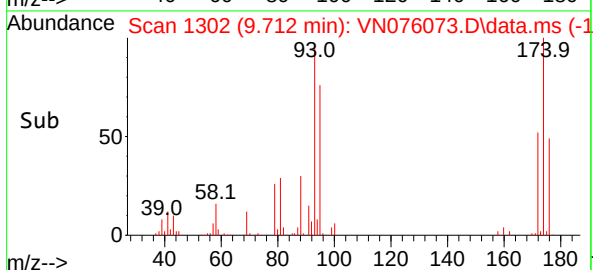
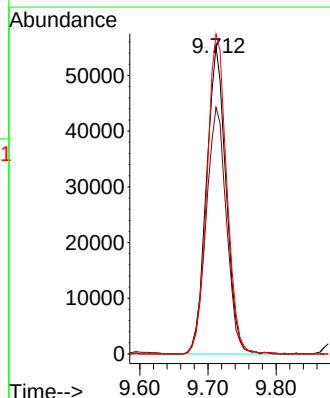
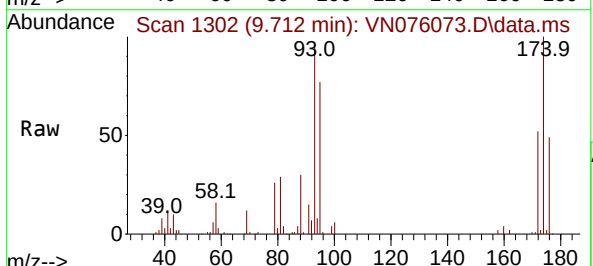
Tgt Ion: 93 Resp: 110837

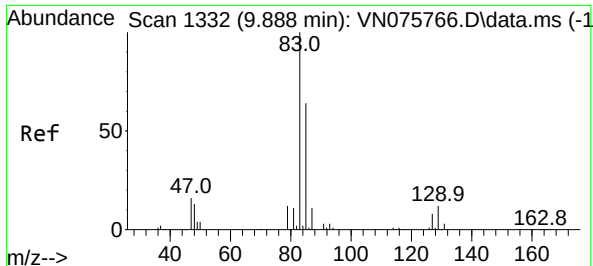
Ion Ratio Lower Upper

93 100

95 82.4 65.2 97.8

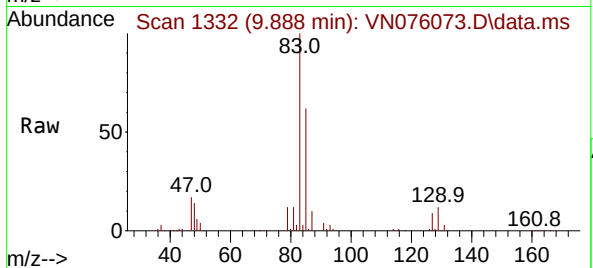
174 105.0 82.4 123.6





#47
Bromodichloromethane
Concen: 49.234 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

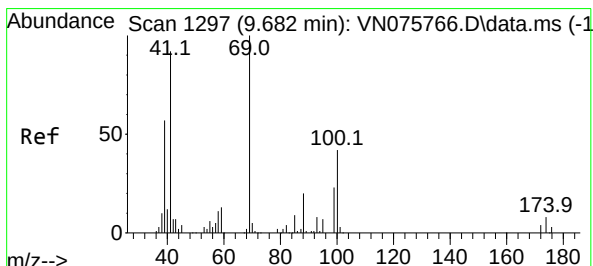
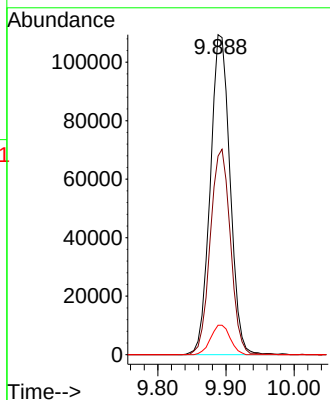
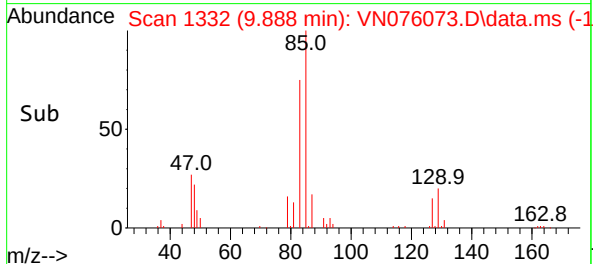
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



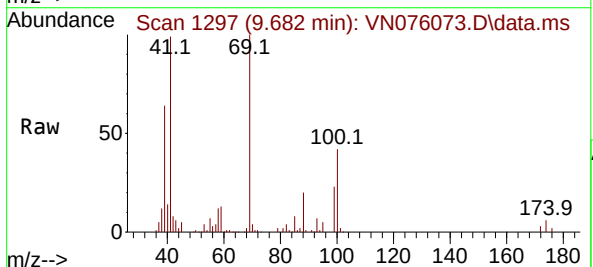
Tgt Ion: 83 Resp: 220849
Ion Ratio Lower Upper
83 100
85 62.0 51.5 77.3
127 9.2 6.6 10.0

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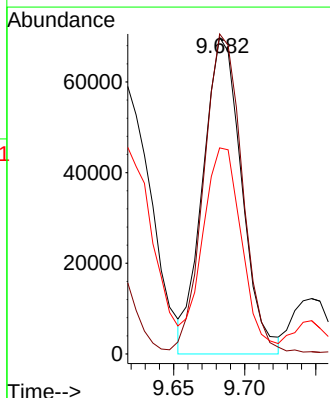
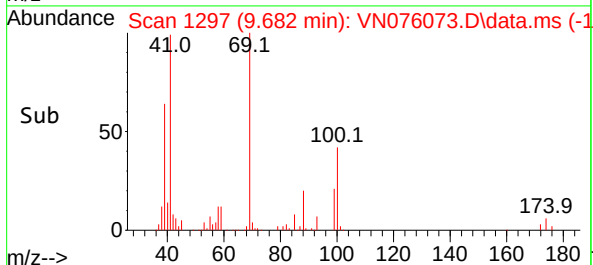
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

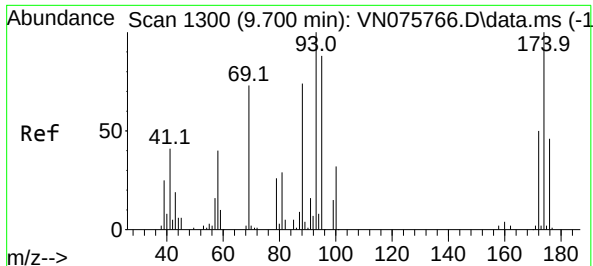


#48
Methyl methacrylate
Concen: 54.102 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33



Tgt Ion: 41 Resp: 132619
Ion Ratio Lower Upper
41 100
69 101.1 81.9 122.9
39 66.2 51.6 77.4





#49

1,4-Dioxane

Concen: 966.126 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN076073.D

Acq: 04 Jan 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 5822

Ion Ratio Lower Upper

88 100

43 0.0 17.1 25.7

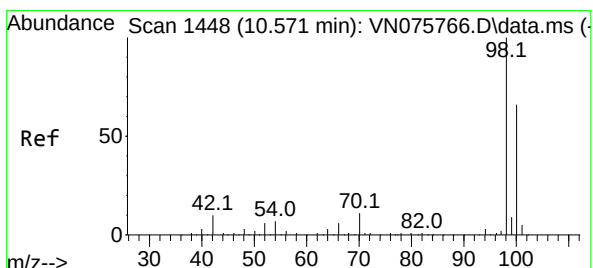
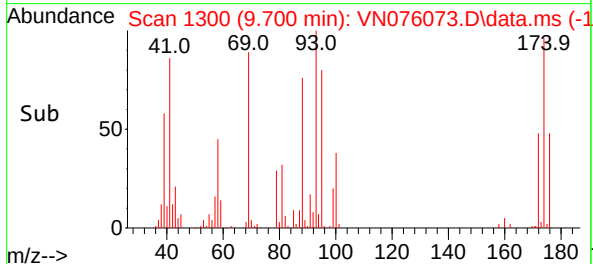
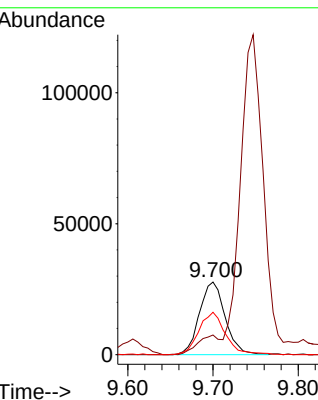
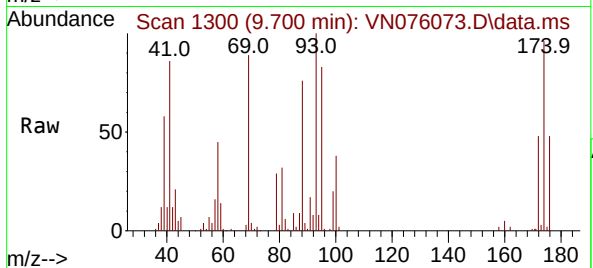
58 60.9 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#50

Toluene-d8

Concen: 47.618 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076073.D

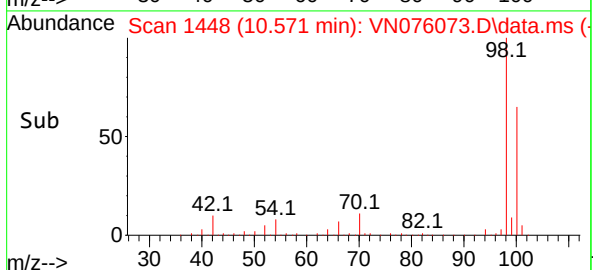
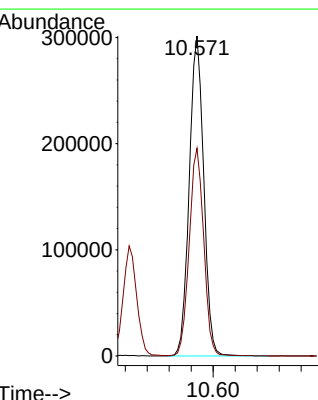
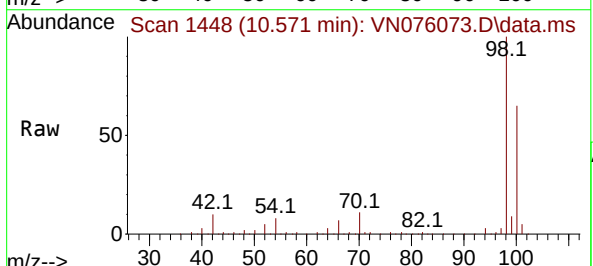
Acq: 04 Jan 2023 11:33

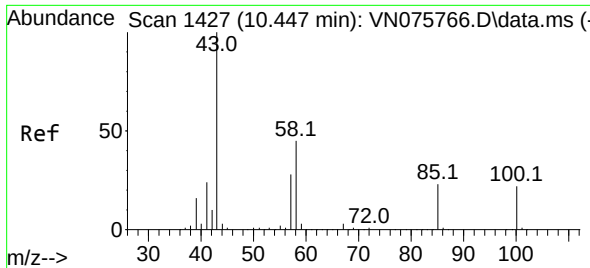
Tgt Ion: 98 Resp: 550511

Ion Ratio Lower Upper

98 100

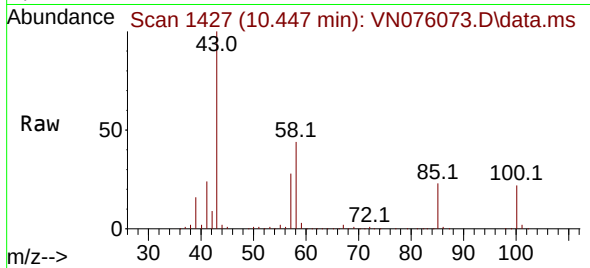
100 64.8 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 258.869 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

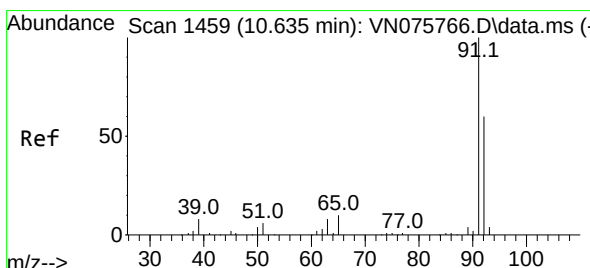
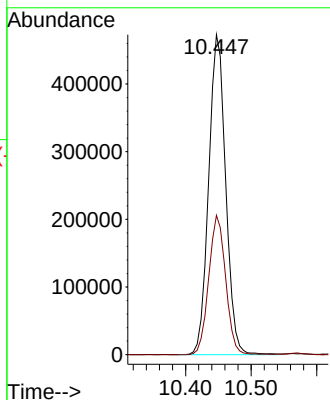
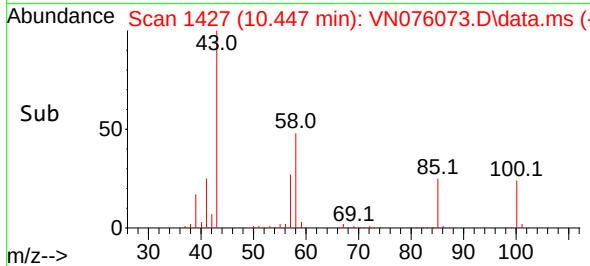
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 852050
Ion Ratio Lower Upper
43 100
58 43.3 35.5 53.3

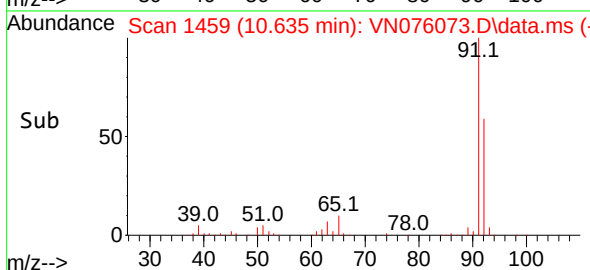
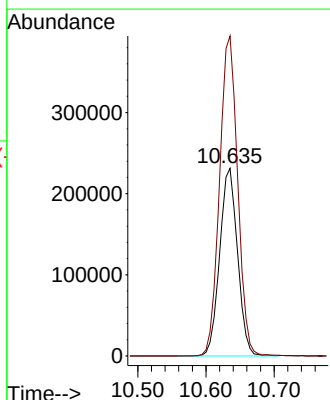
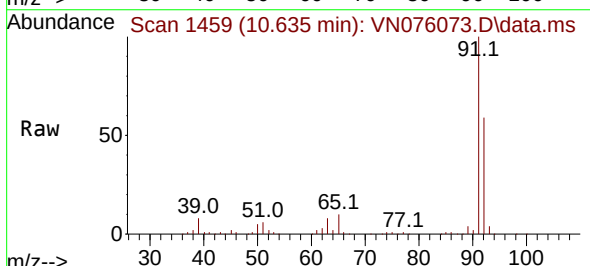
Manual Integrations
APPROVED

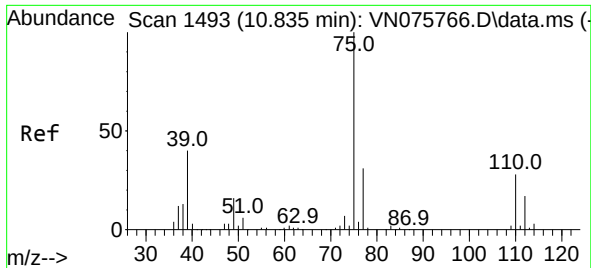
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#52
Toluene
Concen: 51.044 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

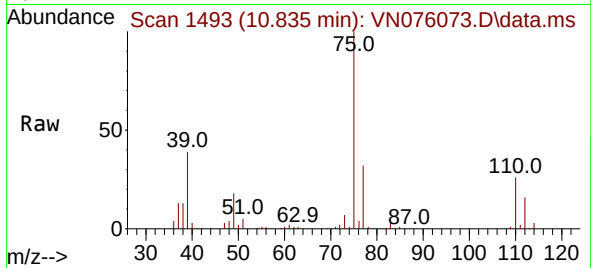
Tgt Ion: 92 Resp: 421310
Ion Ratio Lower Upper
92 100
91 173.3 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 53.205 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

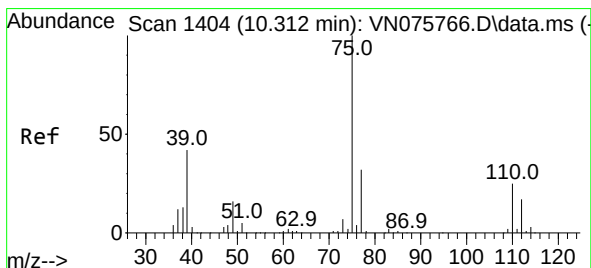
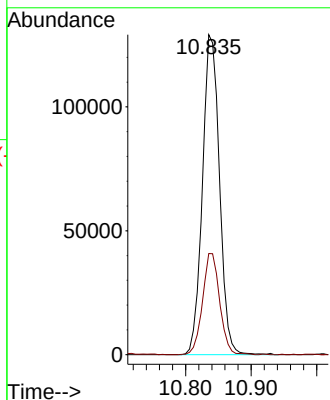
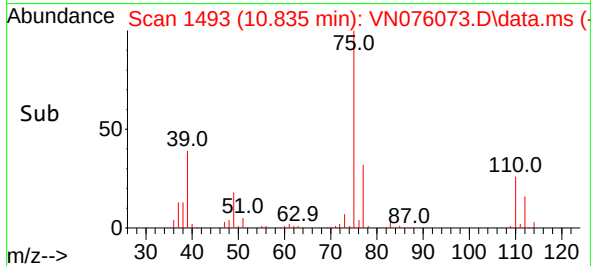
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



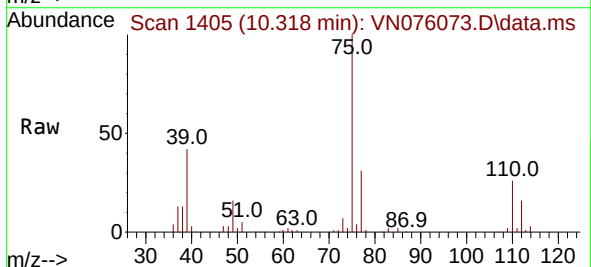
Tgt Ion: 75 Resp: 233620
Ion Ratio Lower Upper
75 100
77 31.6 24.9 37.3

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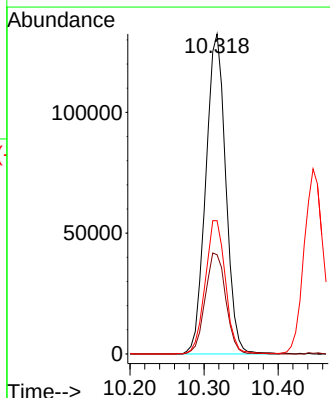
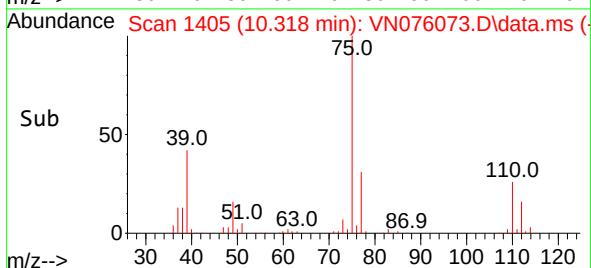
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

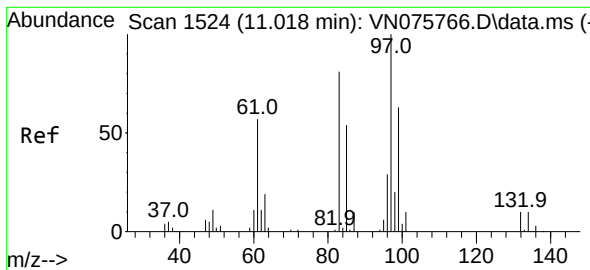


#54
cis-1,3-Dichloropropene
Concen: 51.417 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33



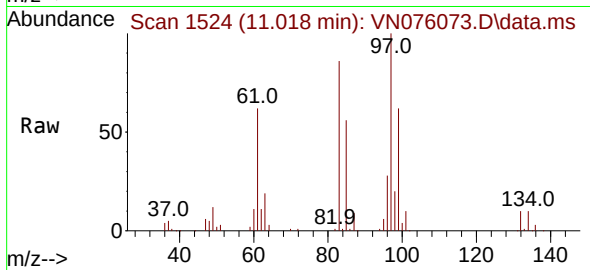
Tgt Ion: 75 Resp: 247882
Ion Ratio Lower Upper
75 100
77 31.0 25.8 38.8
39 41.5 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 49.737 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

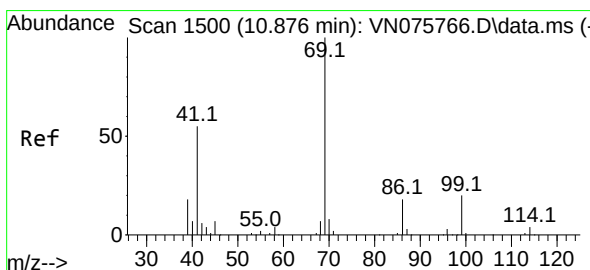
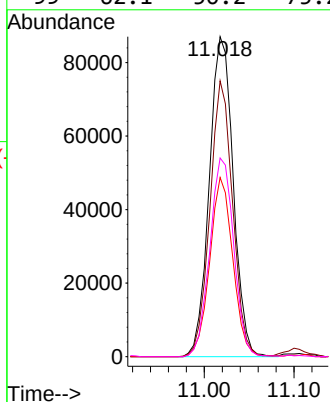
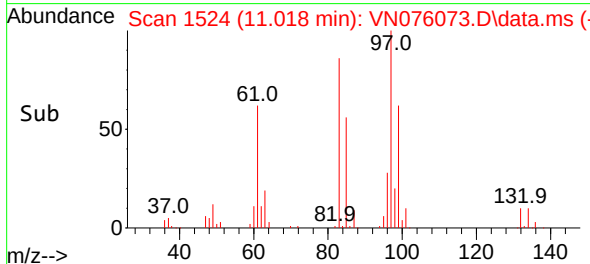
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



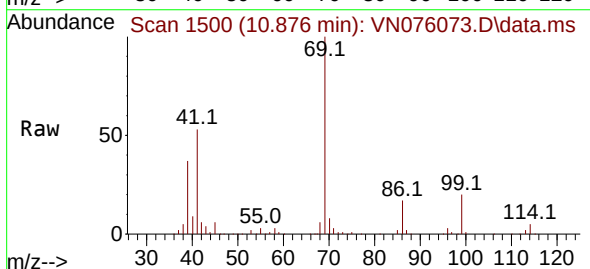
Tgt Ion: 97 Resp: 161129
Ion Ratio Lower Upper
97 100
83 86.2 65.0 97.4
85 56.0 43.0 64.6
99 62.1 50.2 75.2

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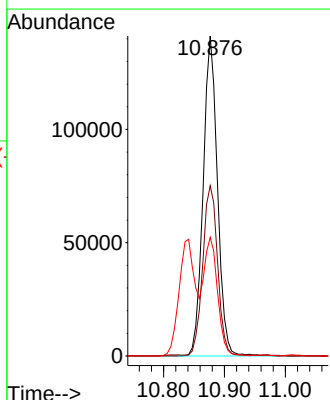
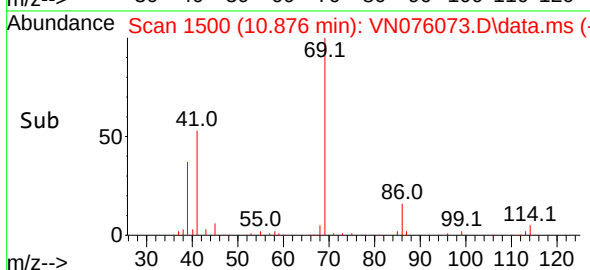
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

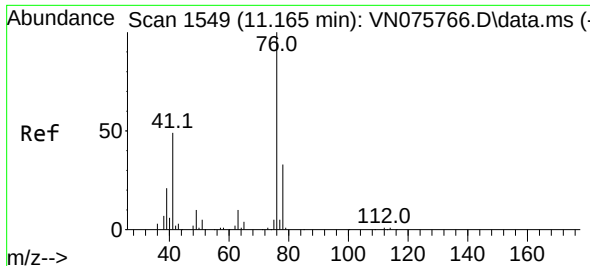


#56
Ethyl methacrylate
Concen: 53.542 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33



Tgt Ion: 69 Resp: 230397
Ion Ratio Lower Upper
69 100
41 54.5 44.2 66.4
39 35.5 26.4 39.6





#57

1,3-Dichloropropane

Concen: 49.691 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076073.D

Acq: 04 Jan 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 26405

Ion Ratio Lower Upper

76 100

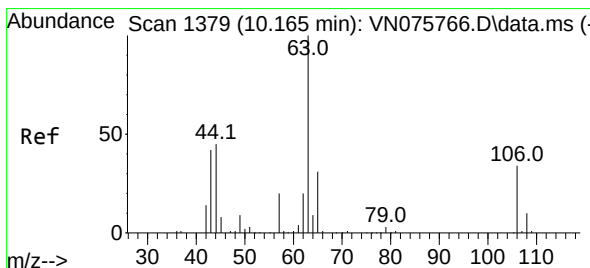
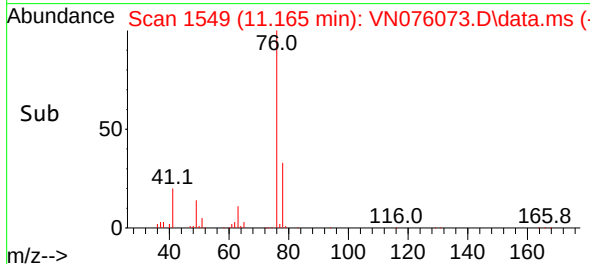
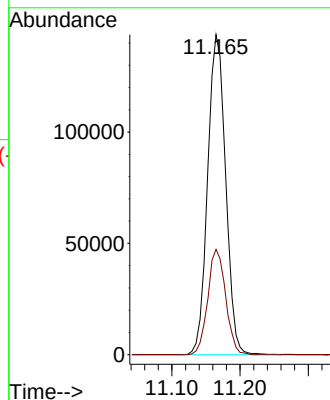
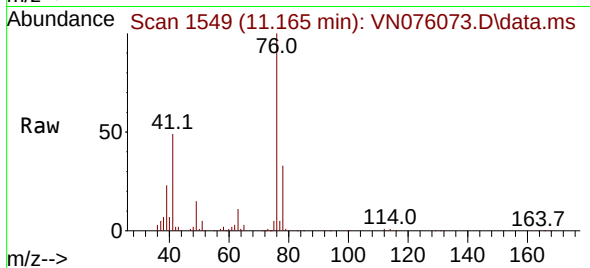
78 32.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#58

2-Chloroethyl Vinyl ether

Concen: 255.652 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076073.D

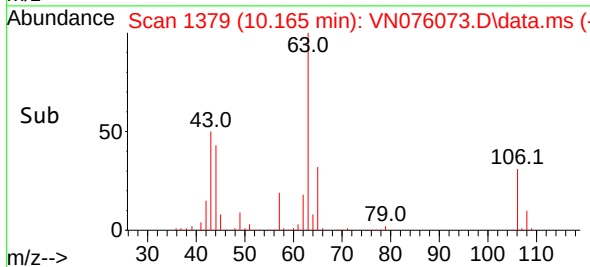
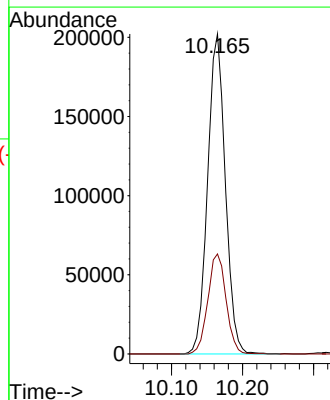
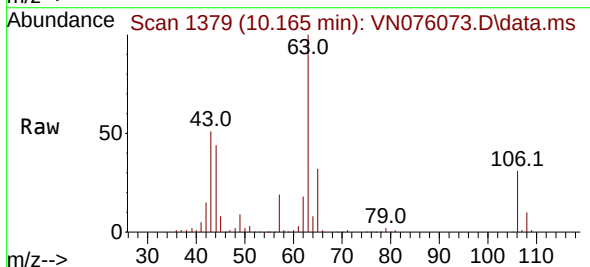
Acq: 04 Jan 2023 11:33

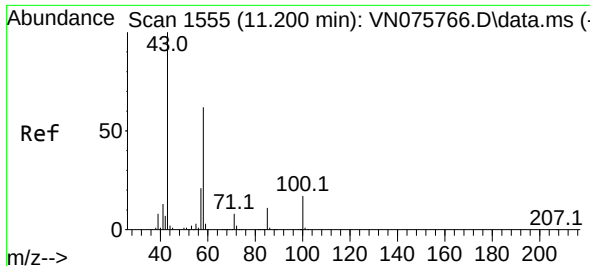
Tgt Ion: 63 Resp: 350253

Ion Ratio Lower Upper

63 100

106 32.2 26.4 39.6





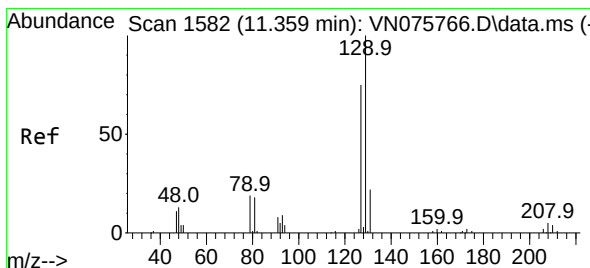
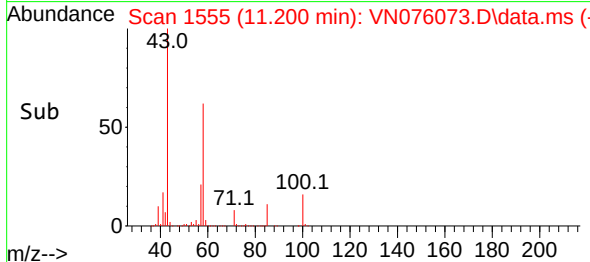
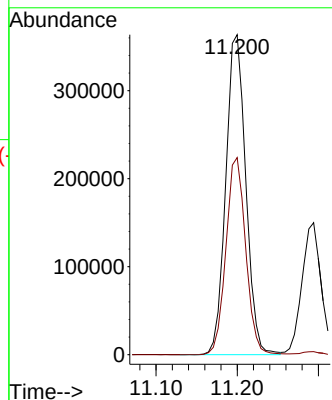
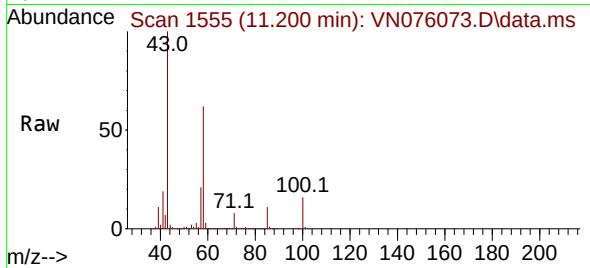
#59
2-Hexanone
Concen: 259.732 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 62344
Ion Ratio Lower Upper
43 100
58 60.9 30.6 92.0

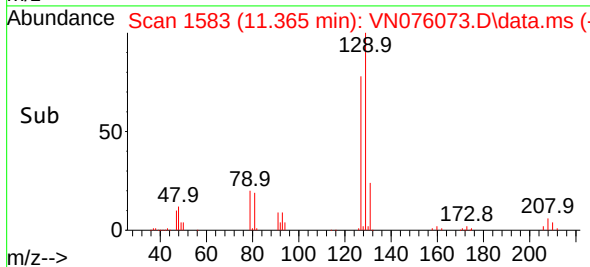
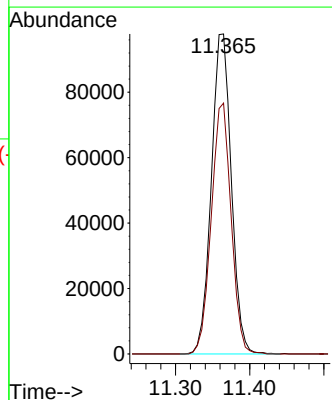
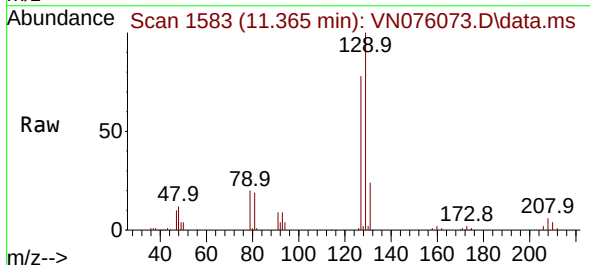
Manual Integrations
APPROVED

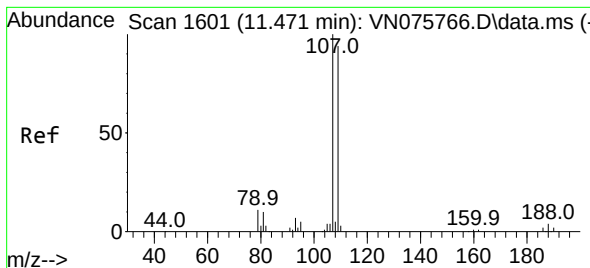
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#60
Dibromochloromethane
Concen: 50.907 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

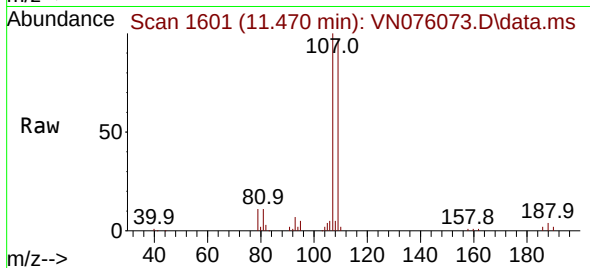
Tgt Ion:129 Resp: 183409
Ion Ratio Lower Upper
129 100
127 77.6 38.3 114.9





#61
1,2-Dibromoethane
Concen: 51.415 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

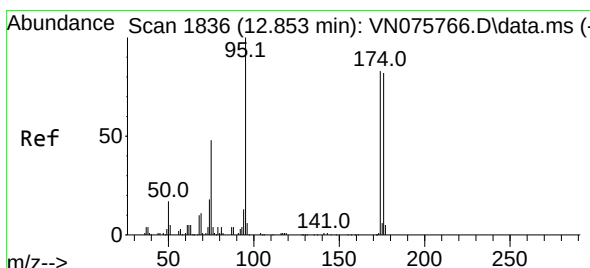
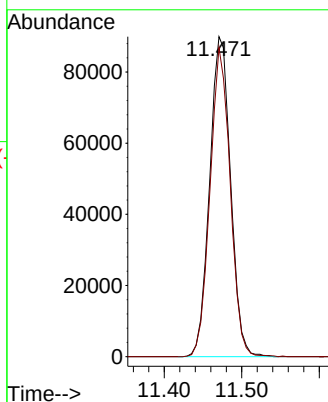
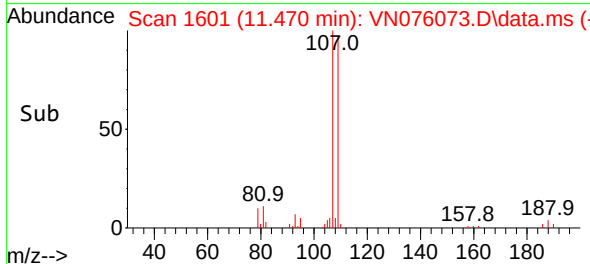
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



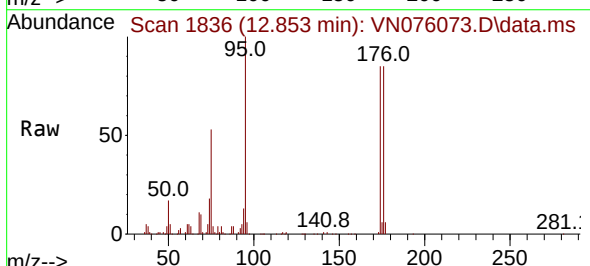
Tgt Ion:107 Resp: 168560
Ion Ratio Lower Upper
107 100
109 93.0 74.8 112.2

Manual Integrations
APPROVED

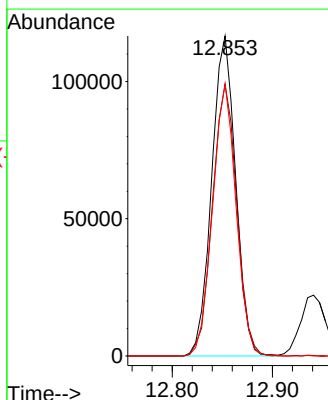
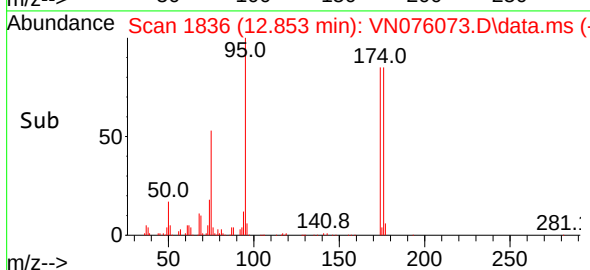
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

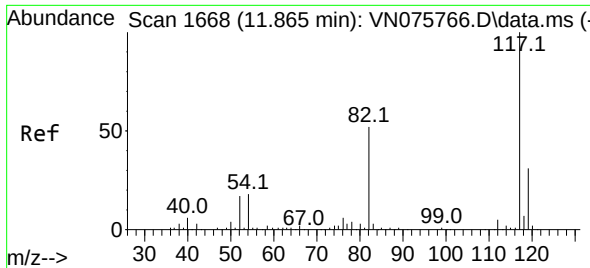


#62
4-Bromofluorobenzene
Concen: 50.428 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33



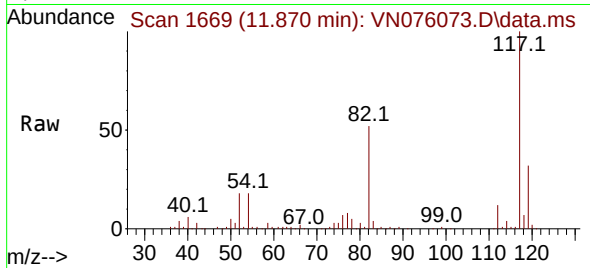
Tgt Ion: 95 Resp: 193098
Ion Ratio Lower Upper
95 100
174 86.6 0.0 171.6
176 83.6 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

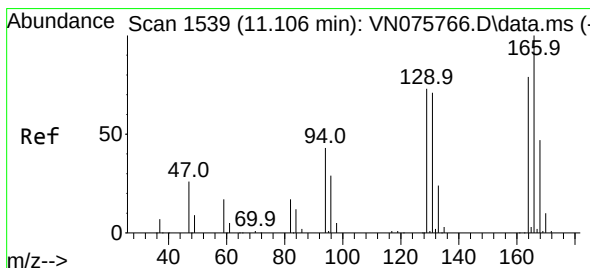
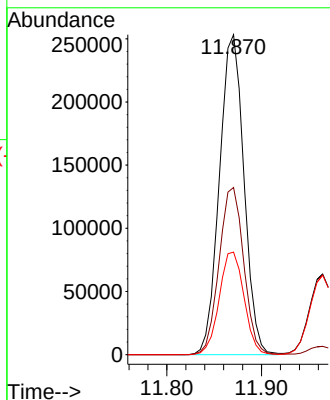
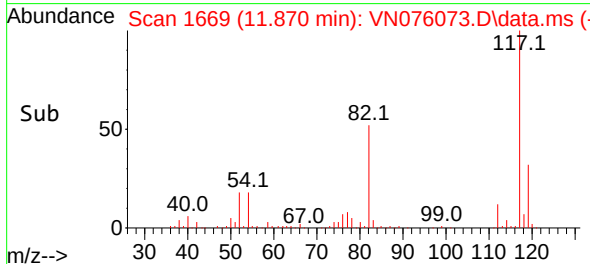
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 455599
Ion Ratio Lower Upper
117 100
82 52.3 41.3 61.9
119 32.1 24.6 37.0

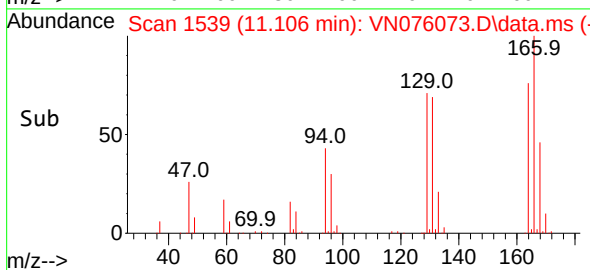
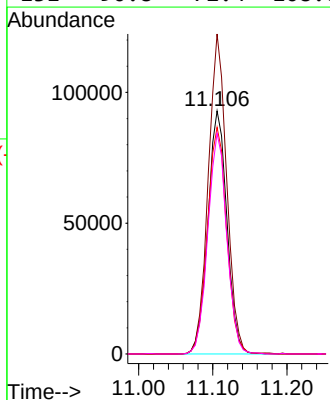
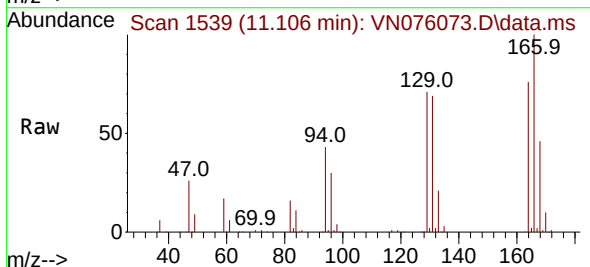
Manual Integrations
APPROVED

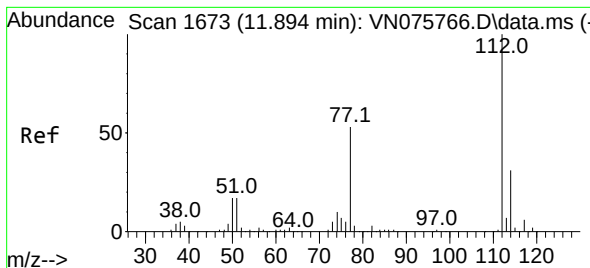
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#64
Tetrachloroethene
Concen: 51.866 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

Tgt Ion:164 Resp: 166280
Ion Ratio Lower Upper
164 100
166 131.7 101.9 152.9
129 93.2 74.2 111.2
131 90.8 72.4 108.6





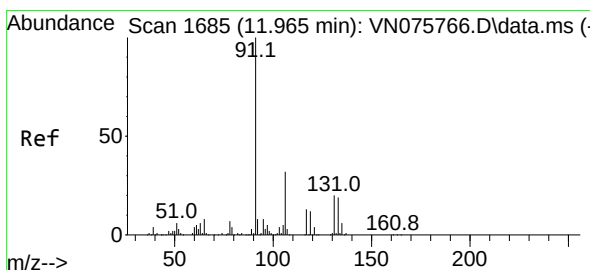
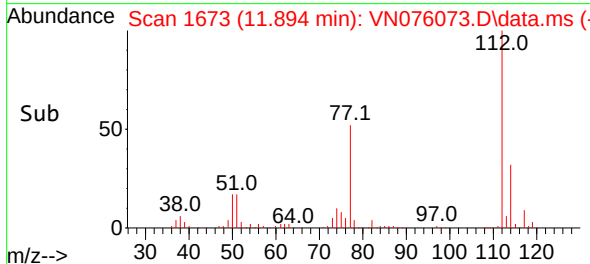
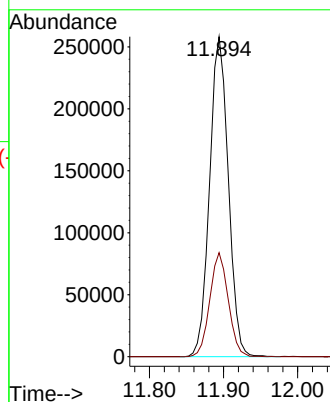
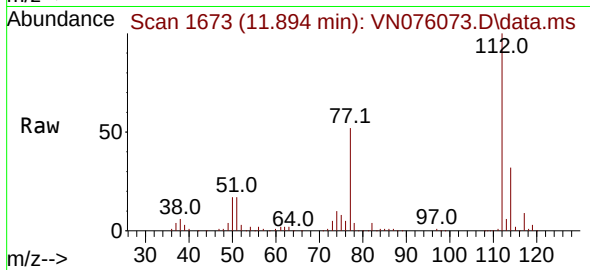
#65
Chlorobenzene
Concen: 48.488 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 453412
Ion Ratio Lower Upper
112 100
114 32.5 24.7 37.1

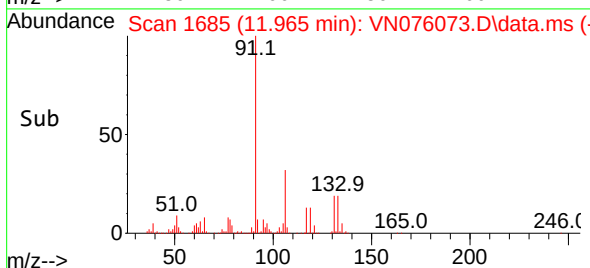
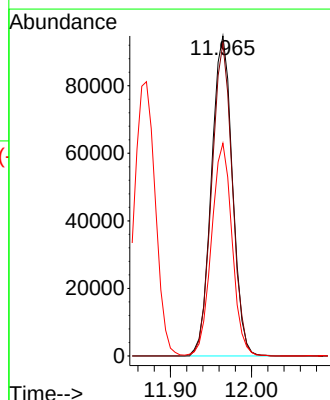
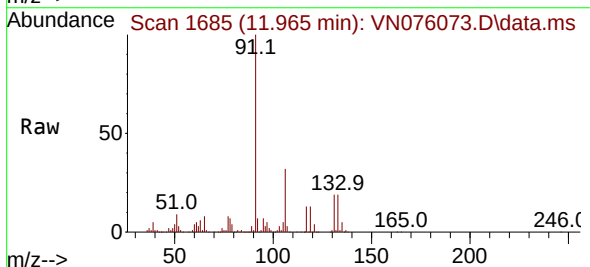
Manual Integrations
APPROVED

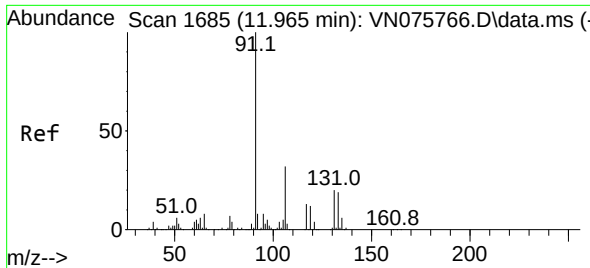
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 49.098 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

Tgt Ion:131 Resp: 170056
Ion Ratio Lower Upper
131 100
133 95.8 47.5 142.5
119 65.2 31.9 95.7





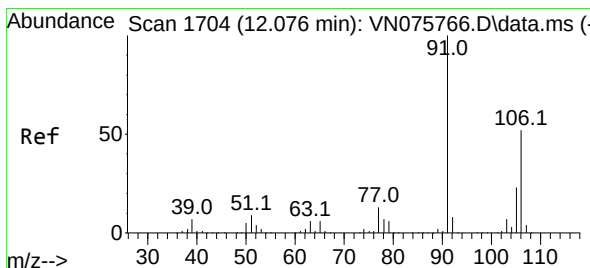
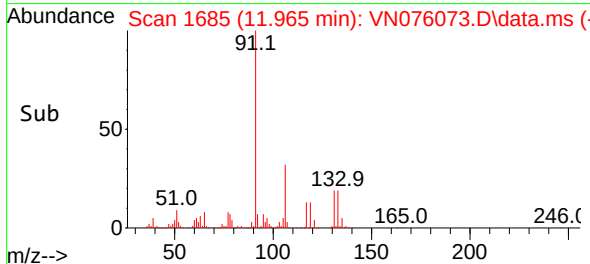
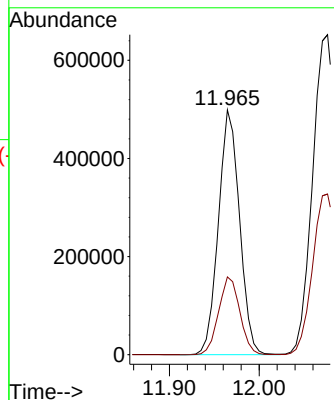
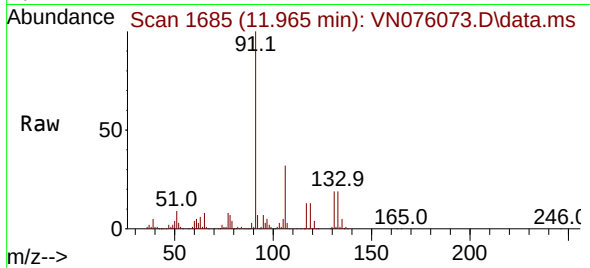
#67
Ethyl Benzene
Concen: 51.721 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 816278
Ion Ratio Lower Upper
91 100
106 31.8 25.7 38.5

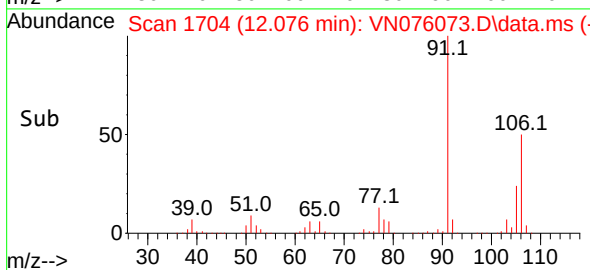
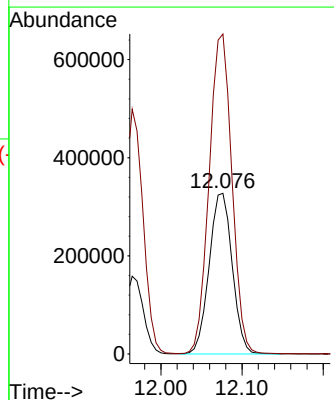
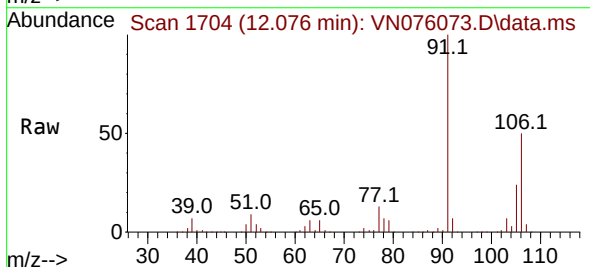
Manual Integrations
APPROVED

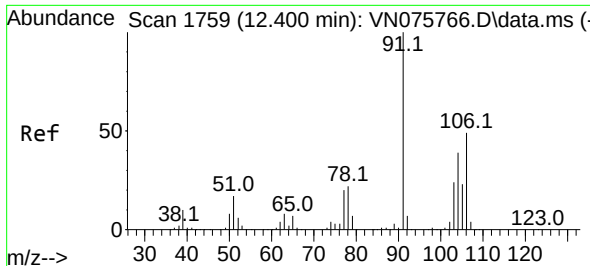
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#68
m/p-Xylenes
Concen: 103.377 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

Tgt Ion:106 Resp: 645755
Ion Ratio Lower Upper
106 100
91 196.7 156.6 235.0





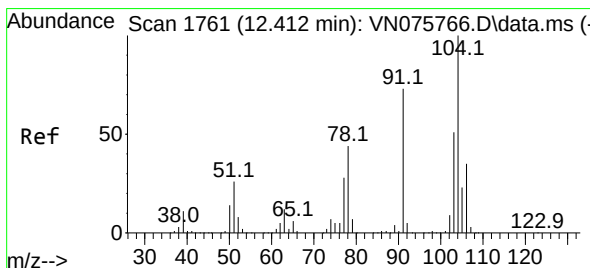
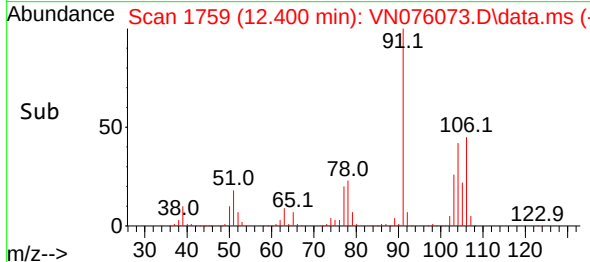
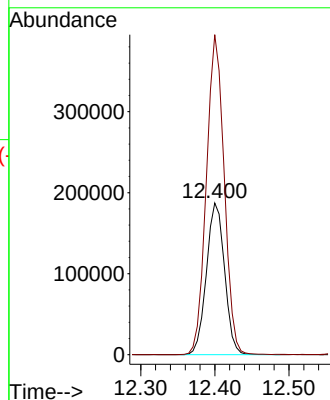
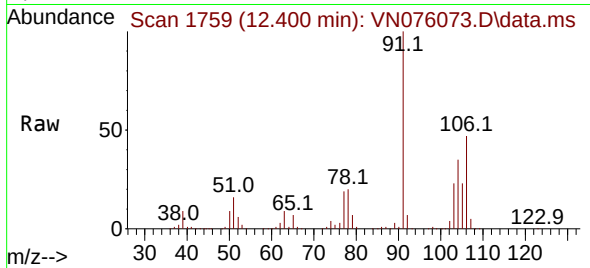
#69
o-Xylene
Concen: 51.519 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 318472
Ion Ratio Lower Upper
106 100
91 207.1 103.8 311.6

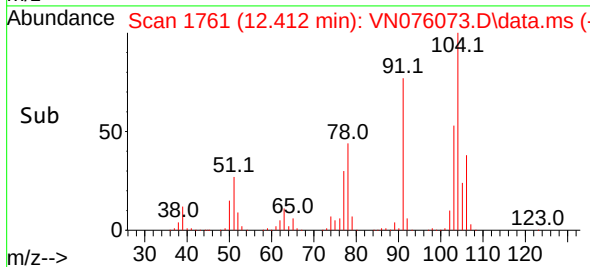
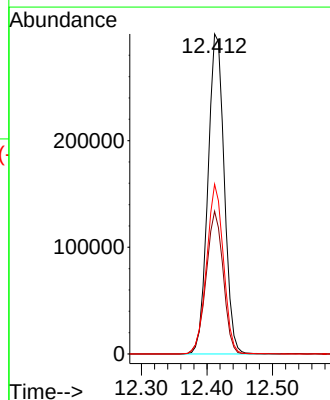
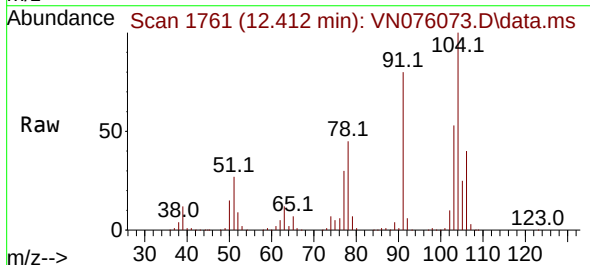
Manual Integrations
APPROVED

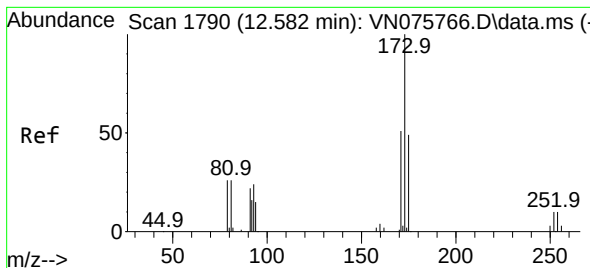
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#70
Styrene
Concen: 52.974 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

Tgt Ion:104 Resp: 520677
Ion Ratio Lower Upper
104 100
78 46.6 37.5 56.3
103 54.8 43.5 65.3





#71

Bromoform

Concen: 51.941 ug/l

RT: 12.582 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076073.D

Acq: 04 Jan 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 13090

Ion Ratio Lower Upper

173 100

175 49.8 24.3 72.8

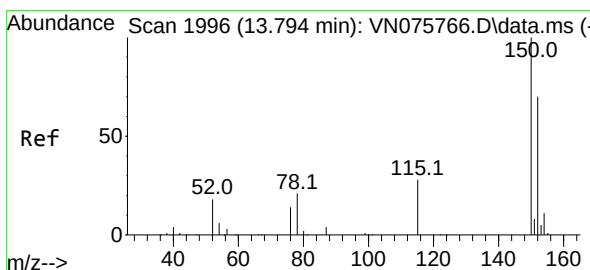
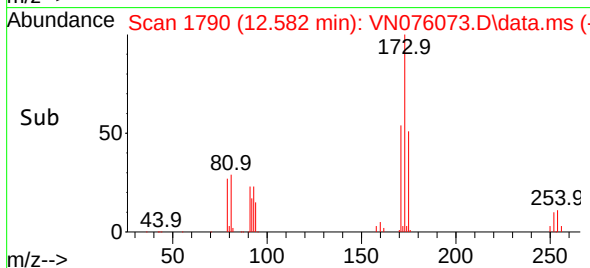
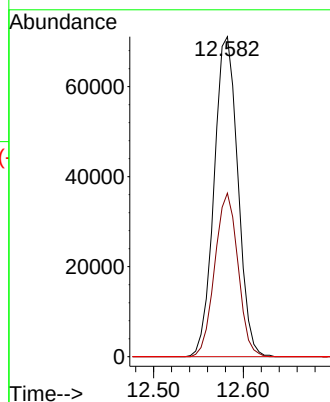
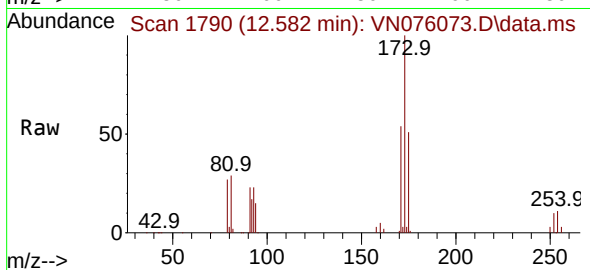
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076073.D

Acq: 04 Jan 2023 11:33

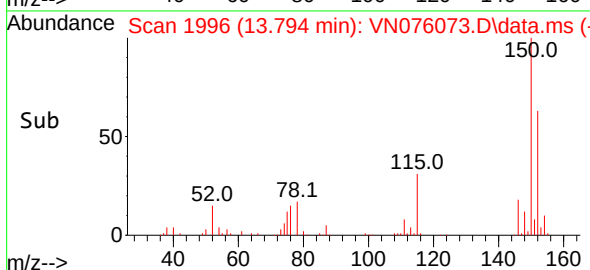
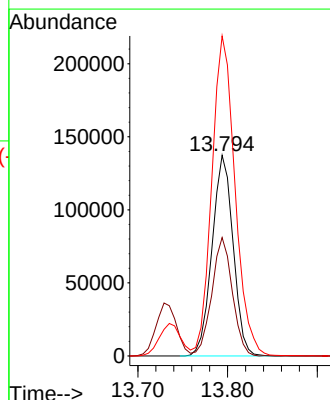
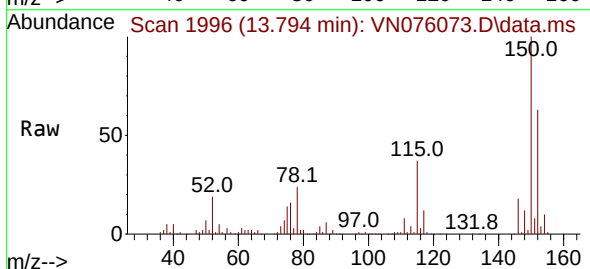
Tgt Ion:152 Resp: 223917

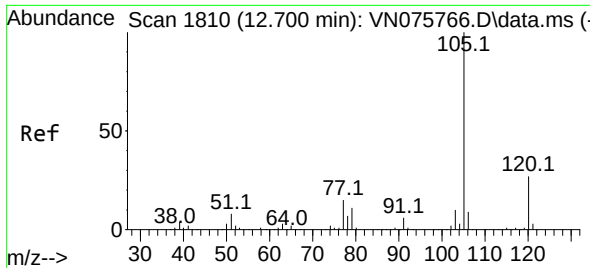
Ion Ratio Lower Upper

152 100

115 57.6 29.1 87.4

150 175.2 0.0 347.0





#73
Isopropylbenzene
Concen: 51.615 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

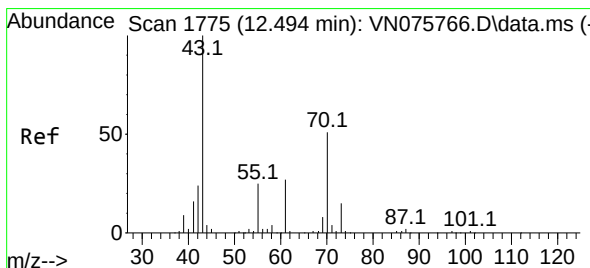
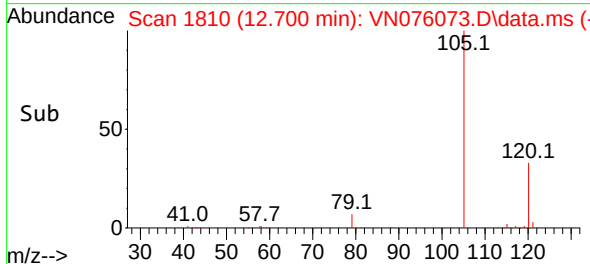
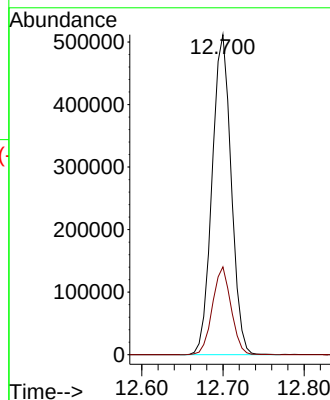
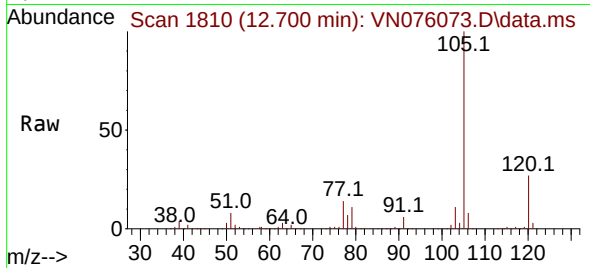
VSTDCCC050

Tgt Ion:105 Resp: 83518
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2

Manual Integrations

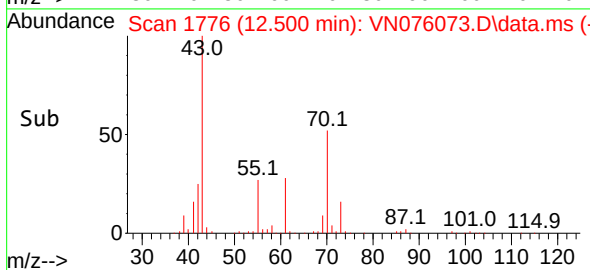
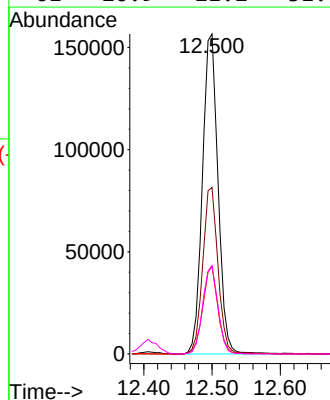
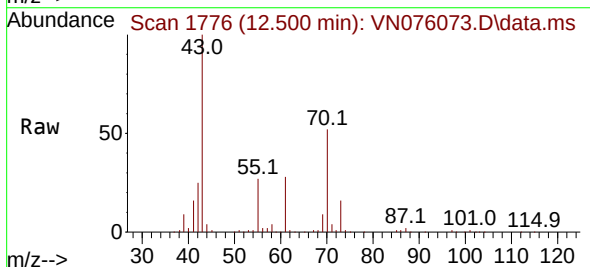
APPROVED

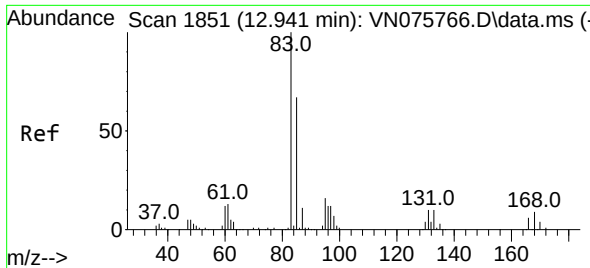
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#74
N-ethyl acetate
Concen: 52.553 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

Tgt Ion: 43 Resp: 249469
Ion Ratio Lower Upper
43 100
70 50.7 41.4 62.0
55 26.7 21.3 31.9
61 26.9 21.2 31.8





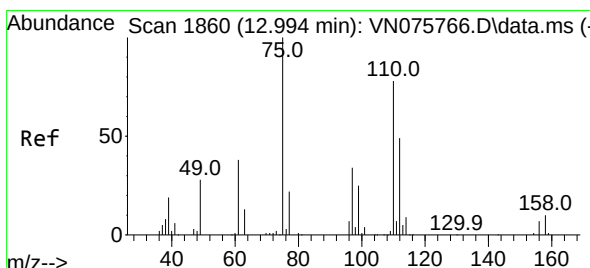
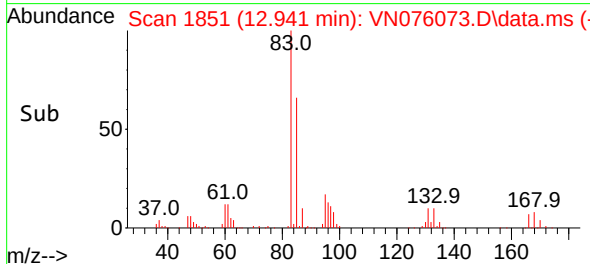
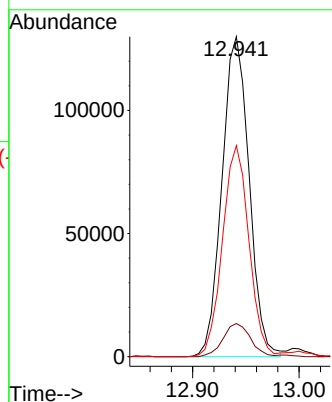
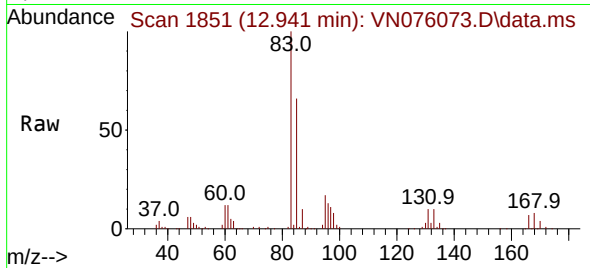
#75
1,1,2,2-Tetrachloroethane
Concen: 45.974 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 22997
Ion Ratio Lower Upper
83 100
131 10.8 5.6 16.8
85 64.4 32.6 98.0

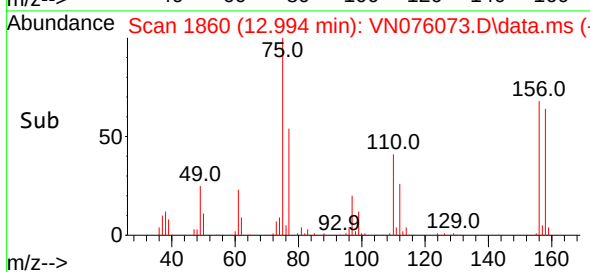
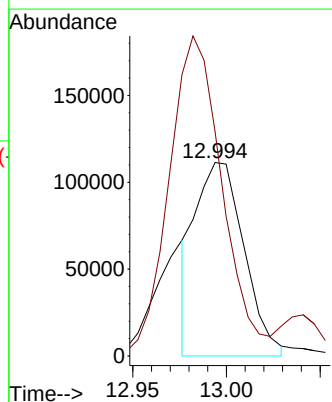
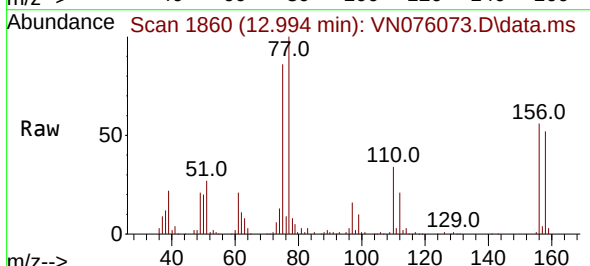
Manual Integrations
APPROVED

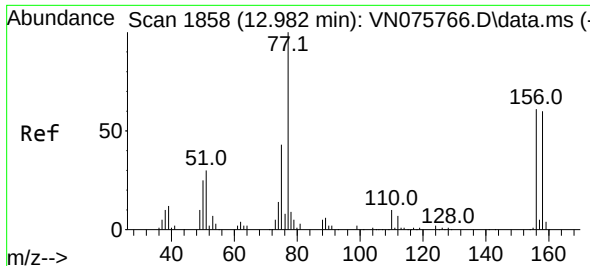
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#76
1,2,3-Trichloropropane
Concen: 44.651 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

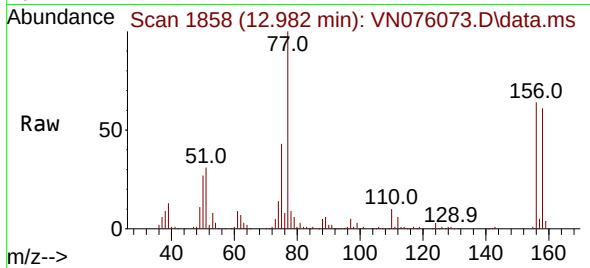
Tgt Ion: 75 Resp: 201536
Ion Ratio Lower Upper
75 100
77 180.3 82.6 247.8





#77
Bromobenzene
Concen: 48.369 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

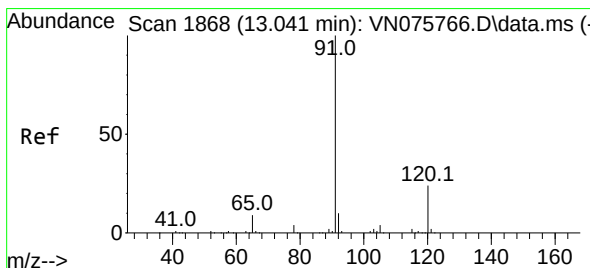
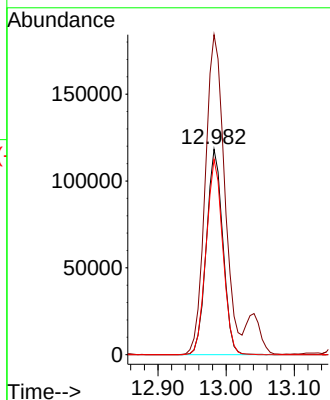
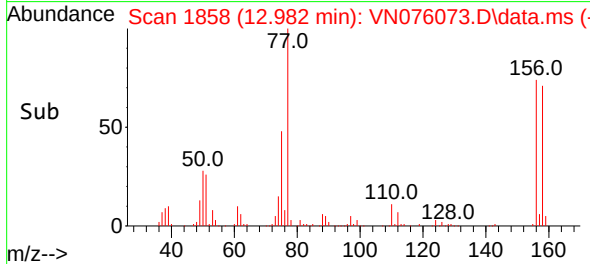
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



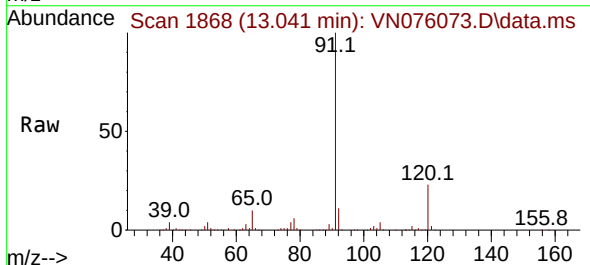
Tgt Ion:156 Resp: 198074
Ion Ratio Lower Upper
156 100
77 183.4 93.8 281.3
158 96.4 48.9 146.6

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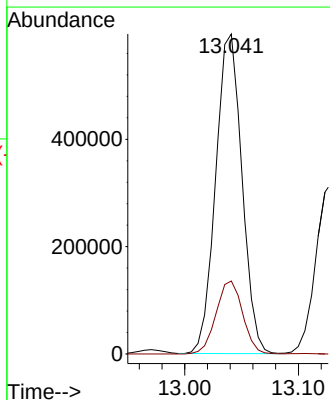
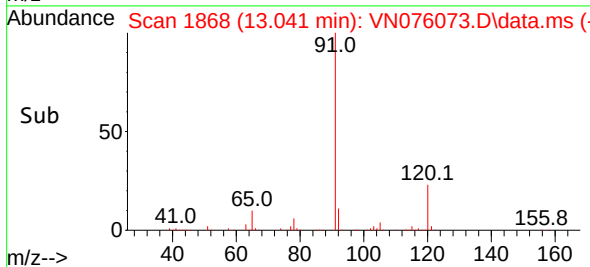
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

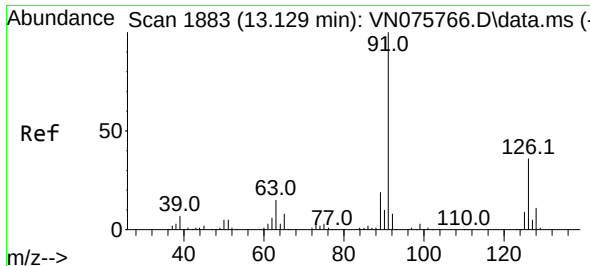


#78
n-propylbenzene
Concen: 53.645 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33



Tgt Ion: 91 Resp: 957396
Ion Ratio Lower Upper
91 100
120 23.1 12.0 36.1





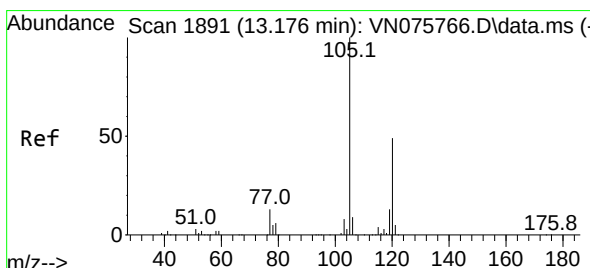
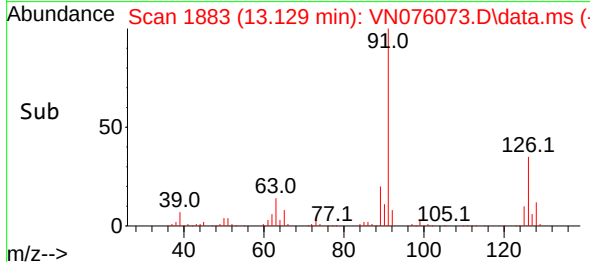
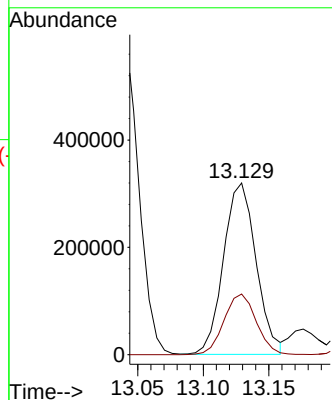
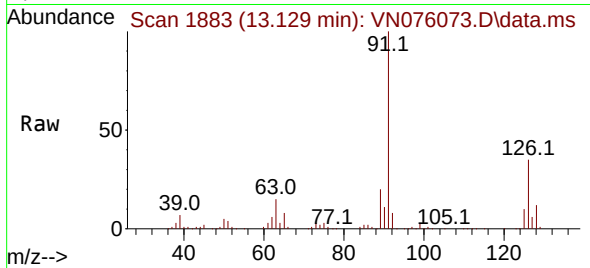
#79
2-Chlorotoluene
Concen: 49.637 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 552992
Ion Ratio Lower Upper
91 100
126 35.0 17.5 52.5

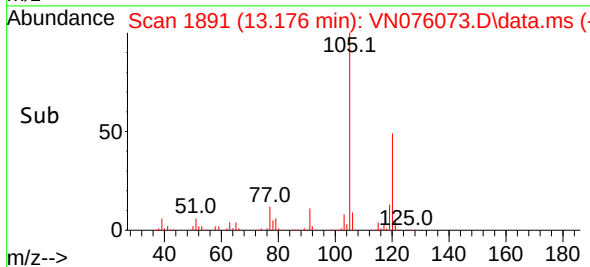
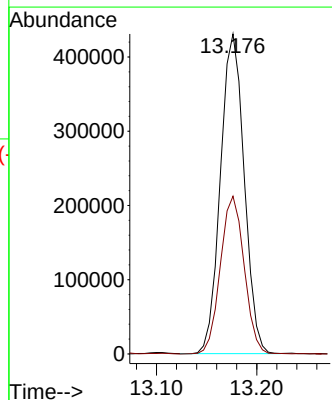
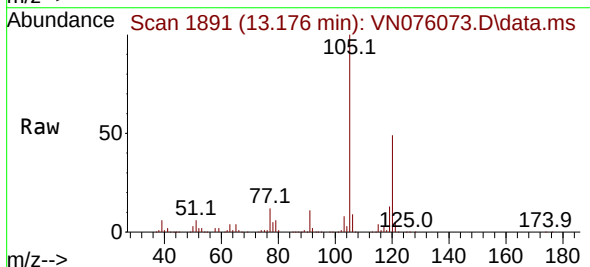
Manual Integrations
APPROVED

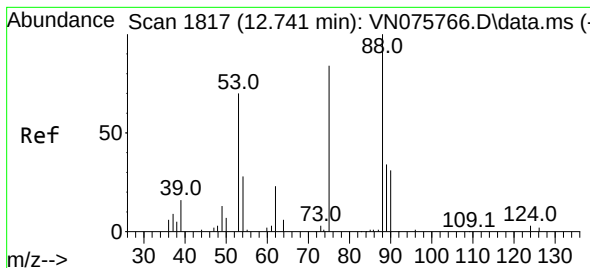
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#80
1,3,5-Trimethylbenzene
Concen: 52.218 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

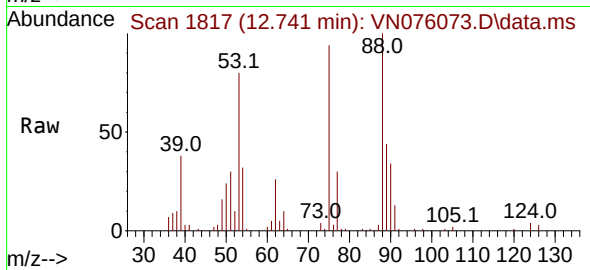
Tgt Ion:105 Resp: 707174
Ion Ratio Lower Upper
105 100
120 49.5 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 54.018 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

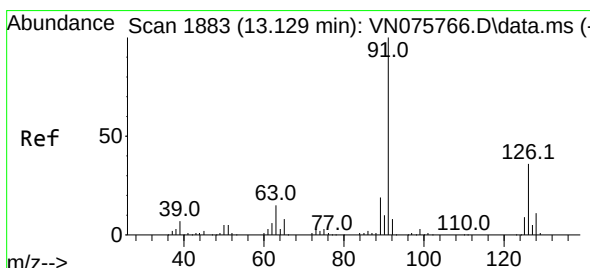
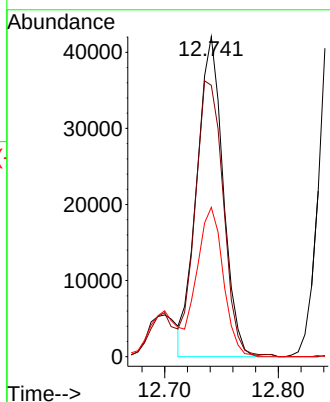
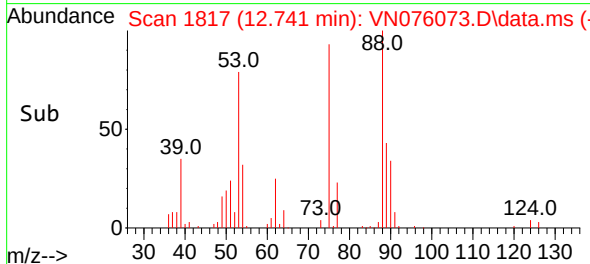
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 67730
Ion Ratio Lower Upper
75 100
53 91.9 73.8 110.6
89 45.9 39.5 59.3

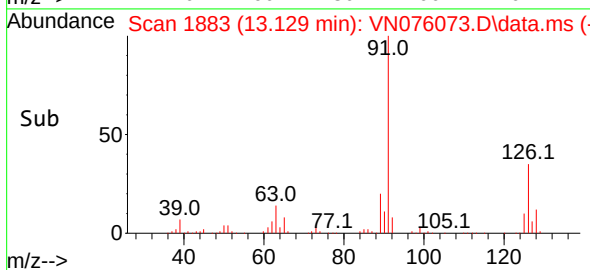
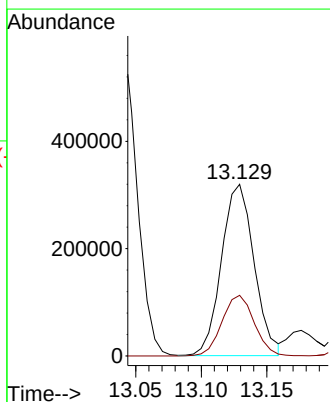
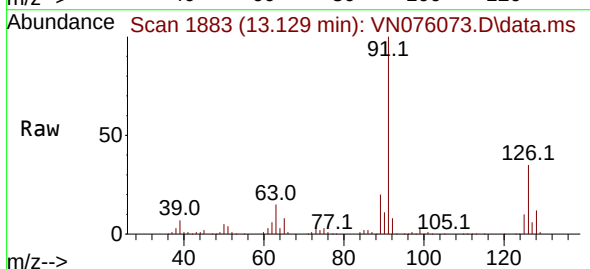
Manual Integrations
APPROVED

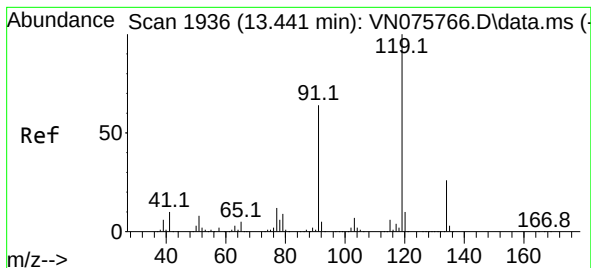
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#82
4-Chlorotoluene
Concen: 49.637 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

Tgt Ion: 91 Resp: 552992
Ion Ratio Lower Upper
91 100
126 35.0 17.5 52.5





#83

tert-Butylbenzene

Concen: 53.611 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. -0.000 min

Lab File: VN076073.D

Acq: 04 Jan 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 640139

Ion Ratio Lower Upper

119 100

91 61.6 31.9 95.5

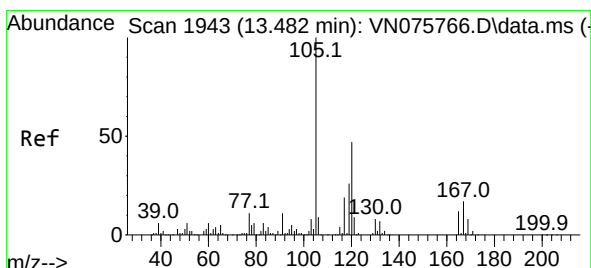
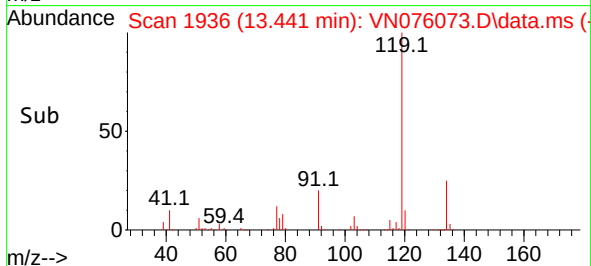
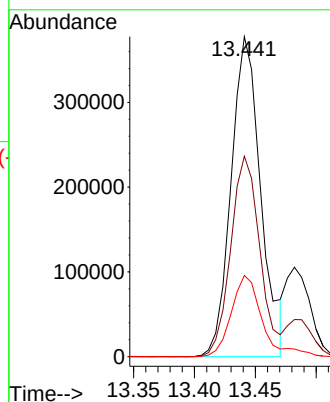
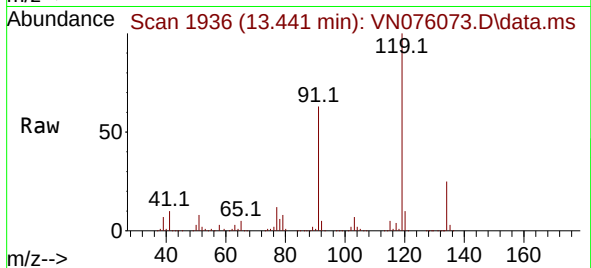
134 26.4 13.8 41.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#84

1,2,4-Trimethylbenzene

Concen: 52.737 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. -0.000 min

Lab File: VN076073.D

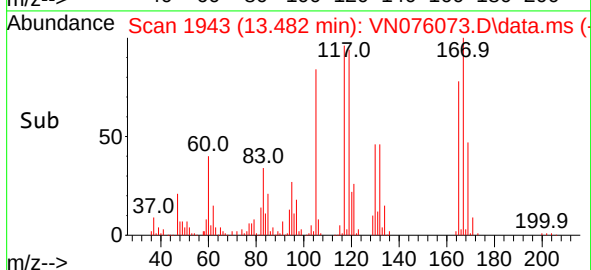
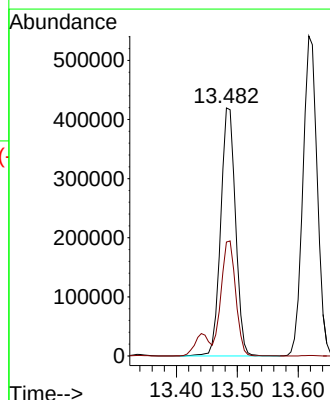
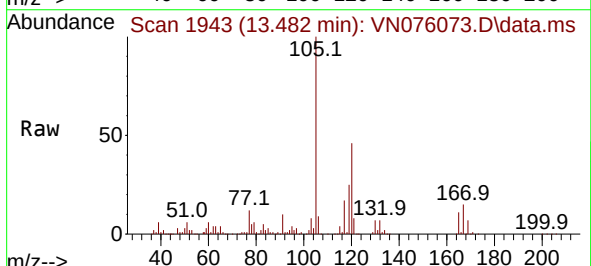
Acq: 04 Jan 2023 11:33

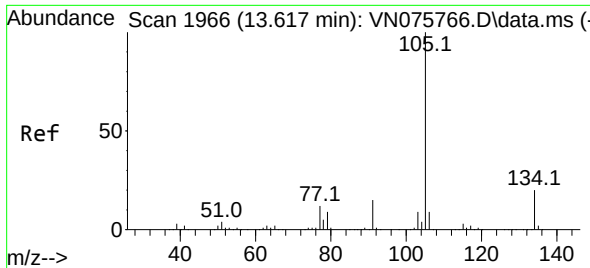
Tgt Ion:105 Resp: 708522

Ion Ratio Lower Upper

105 100

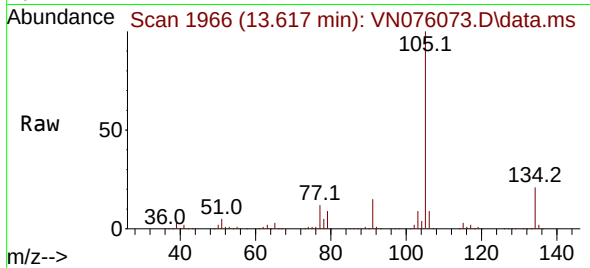
120 45.6 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 53.544 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN076073.D
 Acq: 04 Jan 2023 11:33

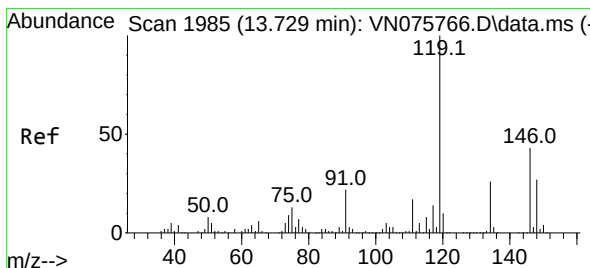
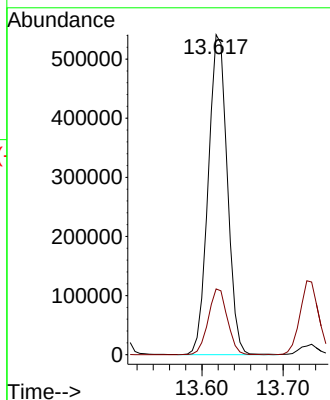
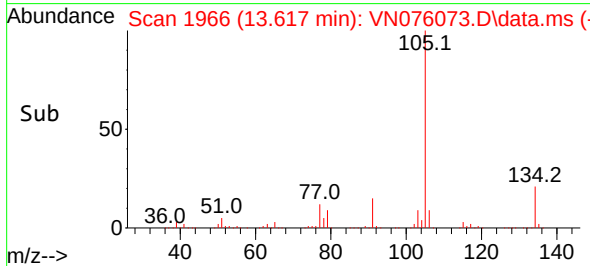
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



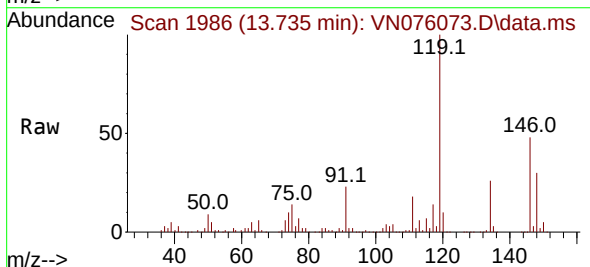
Tgt Ion:105 Resp: 88244
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.1

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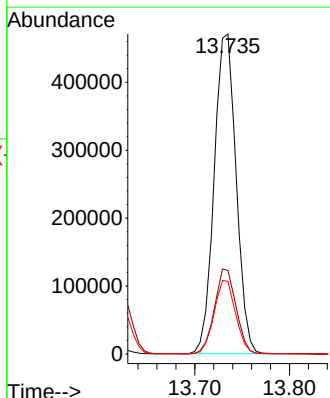
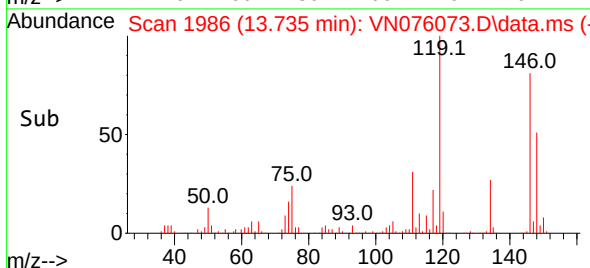
Reviewed By :John Carlone 01/05/2023
 Supervised By :Mahesh Dadoda 01/05/2023

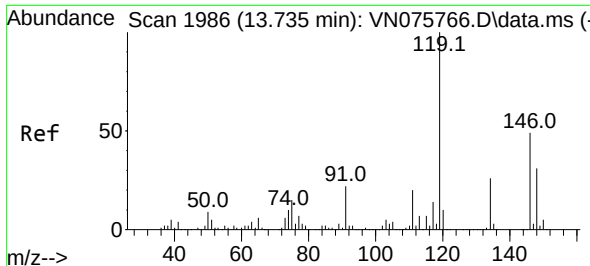


#86
 p-Isopropyltoluene
 Concen: 55.370 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN076073.D
 Acq: 04 Jan 2023 11:33



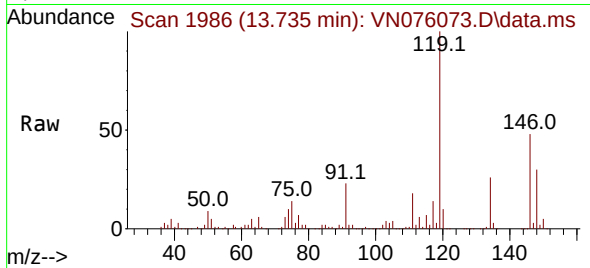
Tgt Ion:119 Resp: 759302
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 22.6 11.2 33.6





#87
 1,3-Dichlorobenzene
 Concen: 49.277 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN076073.D
 Acq: 04 Jan 2023 11:33

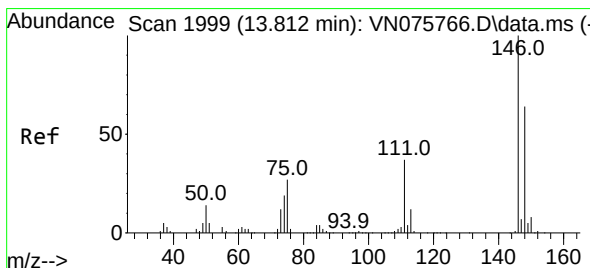
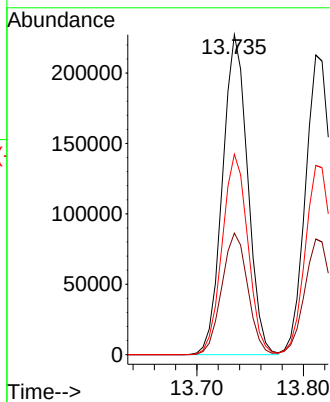
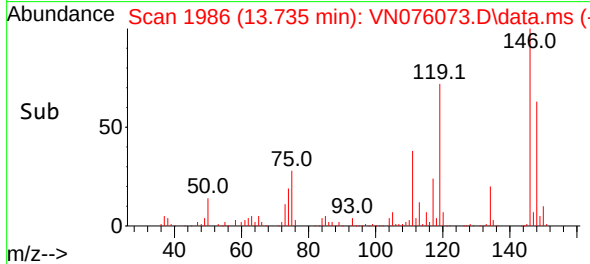
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



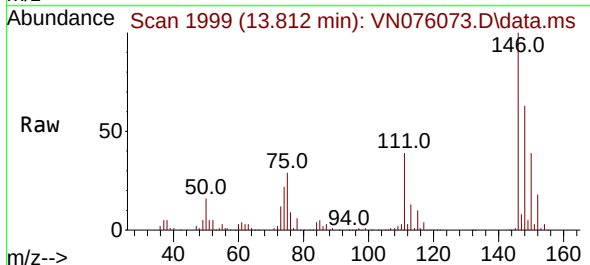
Tgt Ion:146 Resp: 372750
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.7 59.0
 148 63.8 31.4 94.2

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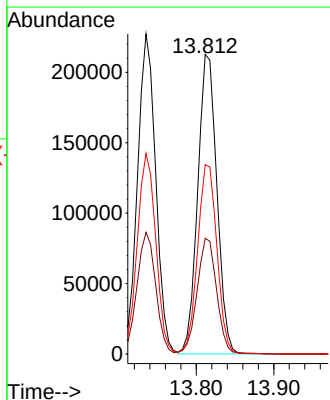
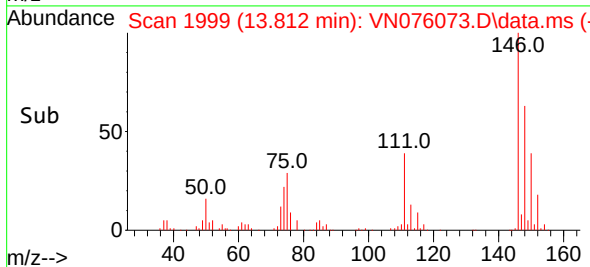
Reviewed By :John Carlone 01/05/2023
 Supervised By :Mahesh Dadoda 01/05/2023

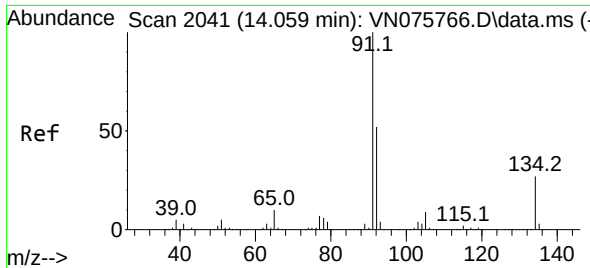


#88
 1,4-Dichlorobenzene
 Concen: 47.315 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN076073.D
 Acq: 04 Jan 2023 11:33



Tgt Ion:146 Resp: 365630
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.1 57.1
 148 63.8 32.0 96.2





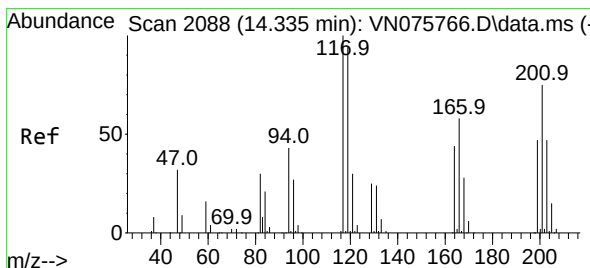
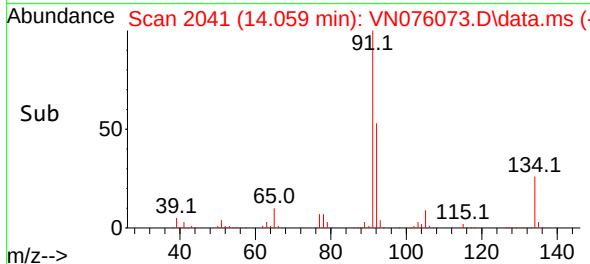
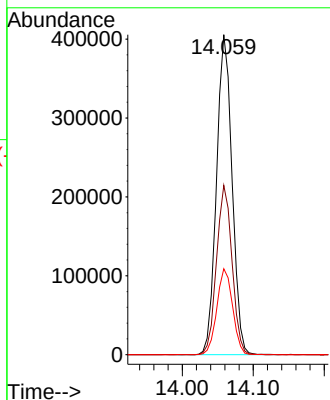
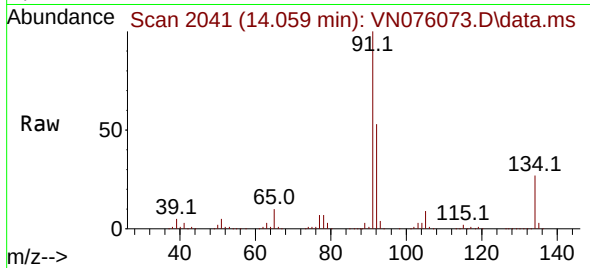
#89
n-Butylbenzene
Concen: 55.371 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 615154
Ion Ratio Lower Upper
91 100
92 52.6 26.4 79.2
134 27.1 13.4 40.2

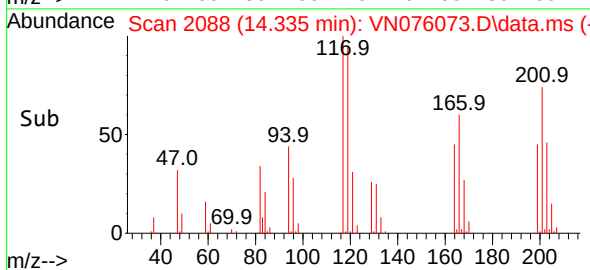
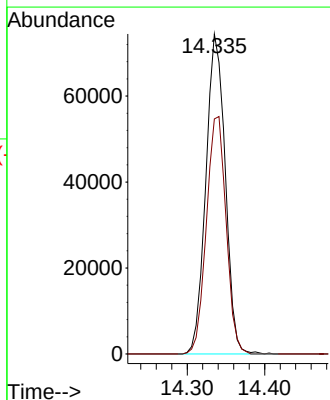
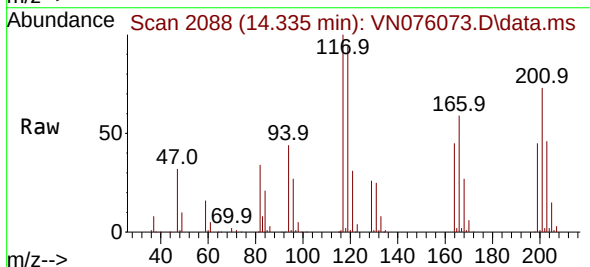
Manual Integrations
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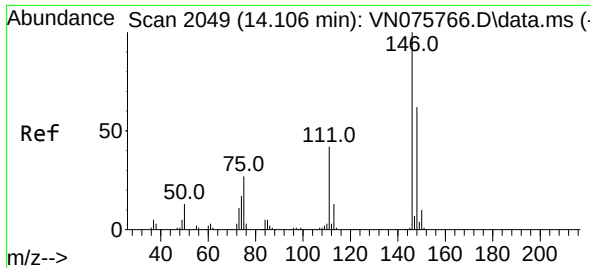
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#90
Hexachloroethane
Concen: 52.634 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

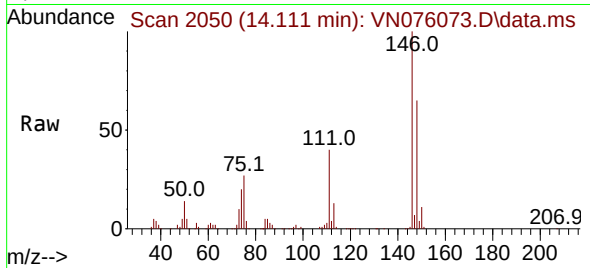
Tgt Ion:117 Resp: 129113
Ion Ratio Lower Upper
117 100
201 75.5 38.0 114.1





#91
1,2-Dichlorobenzene
Concen: 48.781 ug/l
RT: 14.111 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

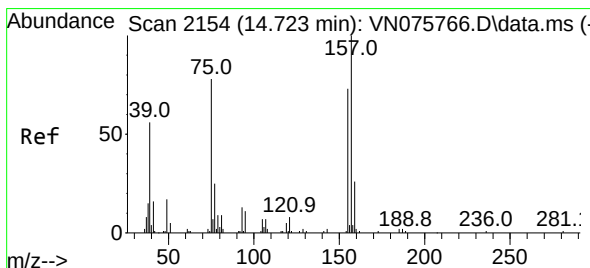
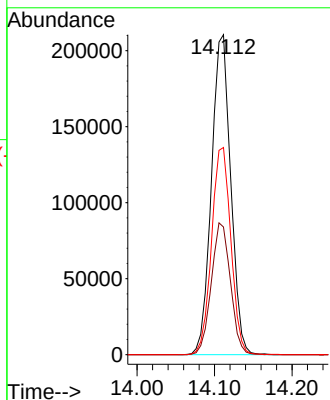
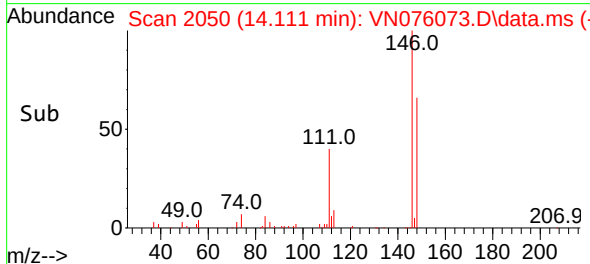
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



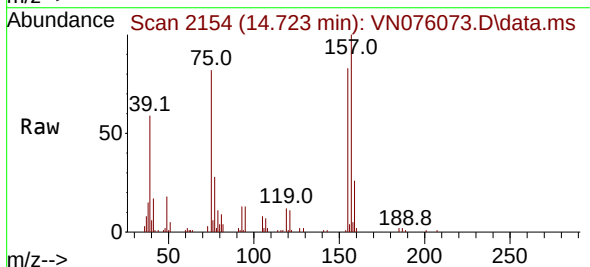
Tgt Ion:146 Resp: 36346
Ion Ratio Lower Upper
146 100
111 41.0 20.3 61.0
148 64.9 31.7 95.1

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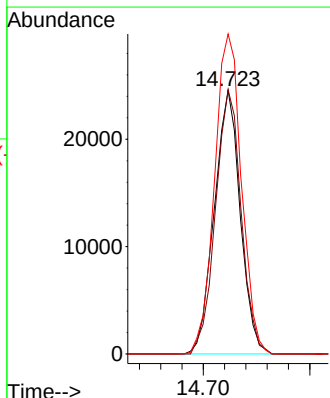
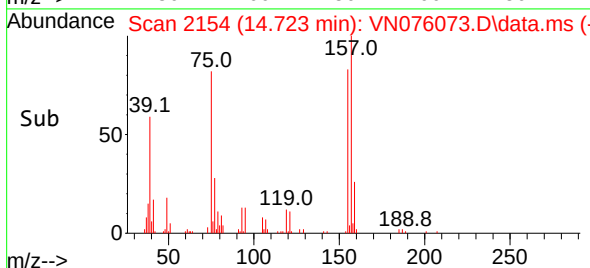
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

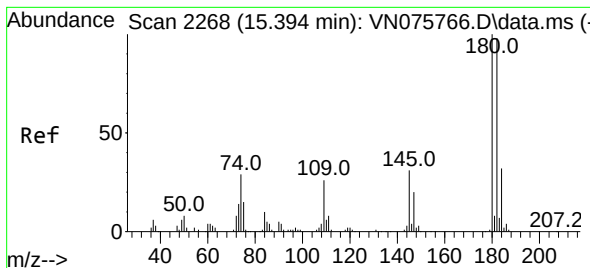


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.701 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33



Tgt Ion: 75 Resp: 41452
Ion Ratio Lower Upper
75 100
155 99.1 49.3 147.8
157 125.9 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 52.990 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN076073.D

Acq: 04 Jan 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 195469

Ion Ratio Lower Upper

180 100

182 95.0 47.5 142.5

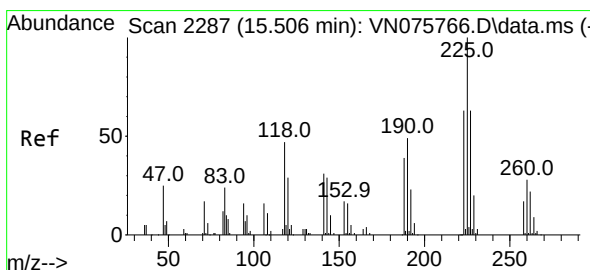
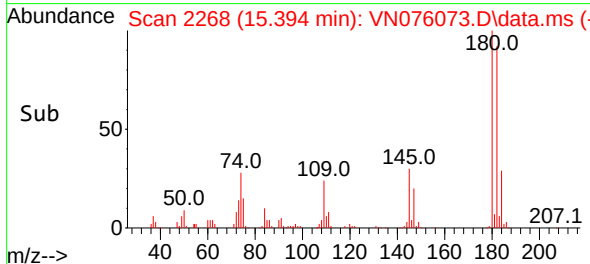
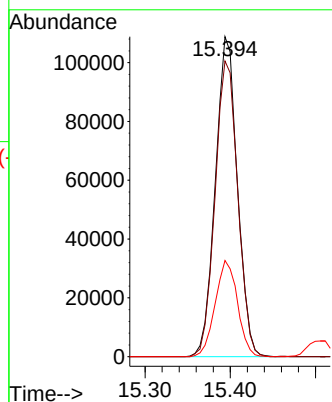
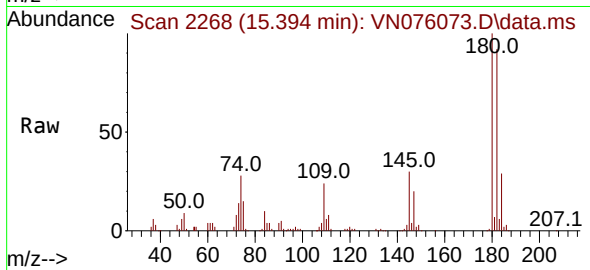
145 30.4 15.3 45.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#94

Hexachlorobutadiene

Concen: 50.904 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN076073.D

Acq: 04 Jan 2023 11:33

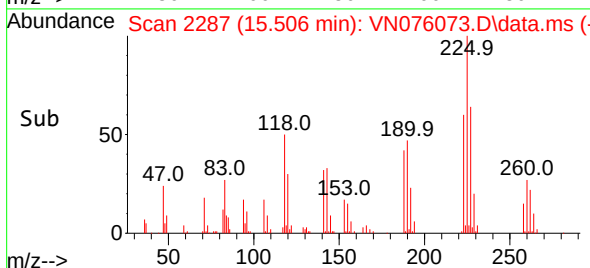
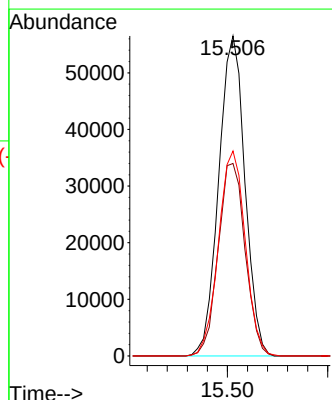
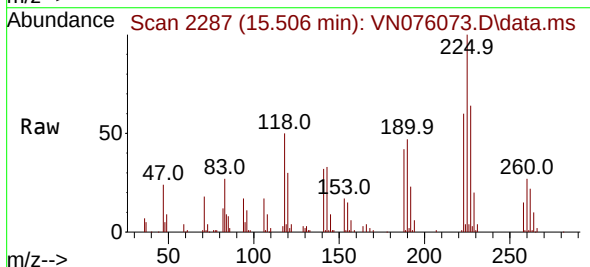
Tgt Ion:225 Resp: 102448

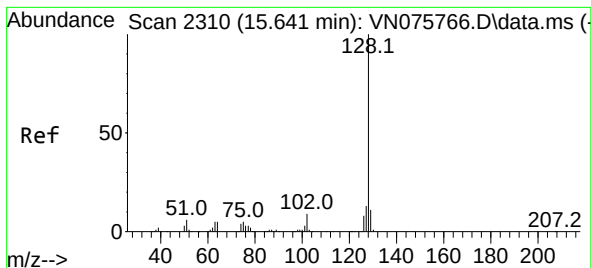
Ion Ratio Lower Upper

225 100

223 61.9 31.5 94.5

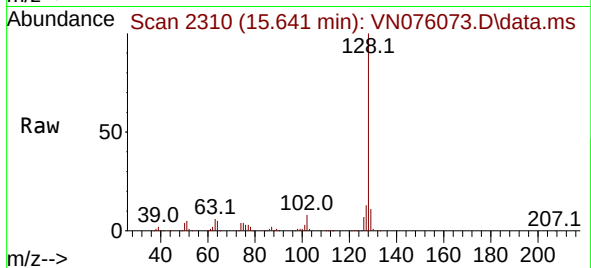
227 65.5 31.6 95.0





#95
Naphthalene
Concen: 45.817 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

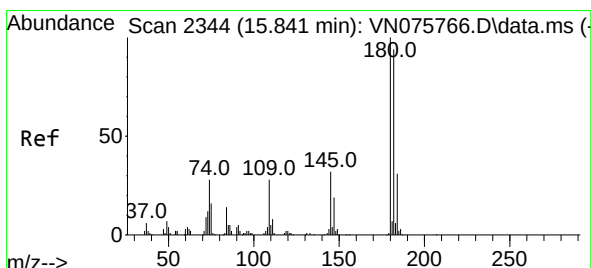
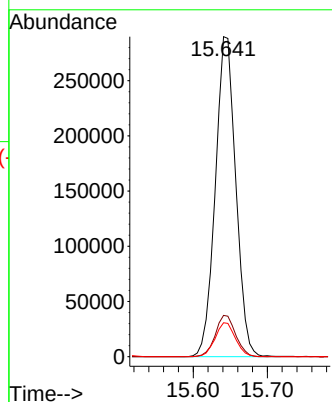
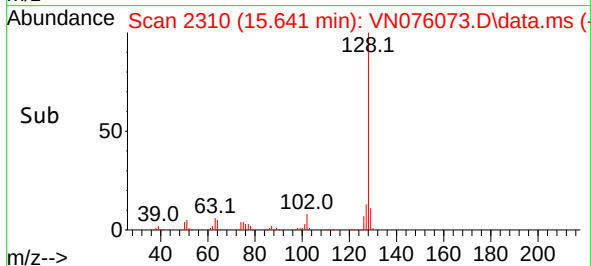
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 556023
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.5 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 53.829 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN076073.D
Acq: 04 Jan 2023 11:33

Tgt Ion:180 Resp: 185588
Ion Ratio Lower Upper
180 100
182 94.5 47.0 141.0
145 31.9 16.0 47.9

