

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011823\
 Data File : VN076291.D
 Acq On : 18 Jan 2023 11:58
 Operator : JC\MD
 Sample : VN0118WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0118WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/19/2023
 Supervised By : Mahesh Dadoda 01/19/2023

Quant Time: Jan 19 00:46:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	378292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	605760	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	531852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	246605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	208673	49.266	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.540%		
35) Dibromofluoromethane	8.171	113	191892	50.641	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.280%		
50) Toluene-d8	10.571	98	715031	51.095	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.180%		
62) 4-Bromofluorobenzene	12.853	95	239081	52.333	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.660%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	76852	19.825	ug/l	97
3) Chloromethane	2.371	50	75914	18.914	ug/l	96
4) Vinyl Chloride	2.530	62	99095	20.135	ug/l	99
5) Bromomethane	2.965	94	98415	24.419	ug/l	98
6) Chloroethane	3.130	64	88753	24.050	ug/l	96
7) Trichlorofluoromethane	3.512	101	125577	18.547	ug/l	99
8) Diethyl Ether	3.977	74	44293	19.504	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.389	101	73184	19.093	ug/l	99
10) Methyl Iodide	4.606	142	107929	18.434	ug/l	98
11) Tert butyl alcohol	5.536	59	58693	103.598	ug/l	99
12) 1,1-Dichloroethene	4.359	96	66236	18.280	ug/l	99
13) Acrolein	4.195	56	86605	127.823	ug/l	100
14) Allyl chloride	5.042	41	76387	18.091	ug/l	100
15) Acrylonitrile	5.730	53	159491	98.926	ug/l	99
16) Acetone	4.442	43	136296	100.334	ug/l	97
17) Carbon Disulfide	4.724	76	157910	17.503	ug/l	97
18) Methyl Acetate	5.042	43	84456	18.353	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	228683	19.387	ug/l	99
20) Methylene Chloride	5.289	84	76127	18.568	ug/l	98
21) trans-1,2-Dichloroethene	5.800	96	71497	18.214	ug/l	95
22) Diisopropyl ether	6.683	45	189665	19.047	ug/l	98
23) Vinyl Acetate	6.612	43	634824	98.643	ug/l	99
24) 1,1-Dichloroethane	6.583	63	122244	18.417	ug/l	98
25) 2-Butanone	7.494	43	198305	95.623	ug/l	99
26) 2,2-Dichloropropane	7.494	77	108850	19.457	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	84836	18.530	ug/l	99
28) Bromochloromethane	7.824	49	50418	18.740	ug/l	99
29) Tetrahydrofuran	7.847	42	128482	100.382	ug/l	98
30) Chloroform	7.971	83	139445	18.987	ug/l	99
31) Cyclohexane	8.265	56	112920	17.354	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	126034	18.796	ug/l	96
36) 1,1-Dichloropropene	8.377	75	98131	18.225	ug/l	97
37) Ethyl Acetate	7.565	43	86249	19.992	ug/l	98
38) Carbon Tetrachloride	8.371	117	114185	19.016	ug/l	97
39) Methylcyclohexane	9.606	83	126875	19.295	ug/l	98
40) Benzene	8.612	78	300840	18.685	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	41942	18.547	ug/l	92
42) 1,2-Dichloroethane	8.677	62	102304	18.571	ug/l	100
43) Isopropyl Acetate	8.694	43	136129	19.375	ug/l	98
44) Trichloroethene	9.359	130	85156	18.700	ug/l	98
45) 1,2-Dichloropropane	9.624	63	71433	18.531	ug/l	95
46) Dibromomethane	9.712	93	54645	18.776	ug/l	99
47) Bromodichloromethane	9.888	83	106836	18.926	ug/l	99
48) Methyl methacrylate	9.682	41	63083	18.966	ug/l	97
49) 1,4-Dioxane	9.700	88	29863	425.494	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	417081	101.123	ug/l	100
52) Toluene	10.635	92	202336	18.792	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	106610	19.812	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	118304	19.110	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	79643	19.352	ug/l	97
56) Ethyl methacrylate	10.877	69	110416	20.781	ug/l	99
57) 1,3-Dichloropropane	11.165	76	128851	19.266	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	167154	93.190	ug/l	98
59) 2-Hexanone	11.200	43	306445	102.530	ug/l	99
60) Dibromochloromethane	11.365	129	87283	20.147	ug/l	100
61) 1,2-Dibromoethane	11.471	107	80467	19.588	ug/l	98
64) Tetrachloroethene	11.106	164	90883	18.949	ug/l	96
65) Chlorobenzene	11.894	112	218900	19.470	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	81014	19.367	ug/l	97
67) Ethyl Benzene	11.965	91	383824	19.948	ug/l	99
68) m/p-Xylenes	12.071	106	309942	40.171	ug/l	98
69) o-Xylene	12.400	106	152862	20.174	ug/l	100
70) Styrene	12.412	104	249675	20.637	ug/l	98
71) Bromoform	12.582	173	63328	20.964	ug/l #	98
73) Isopropylbenzene	12.700	105	399258	20.928	ug/l	100
74) N-amyl acetate	12.494	43	114930	20.944	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	110244	20.102	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	100471m	21.830	ug/l	
77) Bromobenzene	12.982	156	96507	21.315	ug/l	96
78) n-propylbenzene	13.035	91	443878	20.621	ug/l	100
79) 2-Chlorotoluene	13.123	91	265700	20.115	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	336437	21.051	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	30745	20.743	ug/l	88
82) 4-Chlorotoluene	13.123	91	265700	20.115	ug/l	100
83) tert-Butylbenzene	13.441	119	306934	21.593	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	335712	20.948	ug/l	100
85) sec-Butylbenzene	13.618	105	415603	21.071	ug/l	99
86) p-Isopropyltoluene	13.735	119	344122	21.217	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	172825	19.220	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	170217	19.961	ug/l	99
89) n-Butylbenzene	14.059	91	257918	20.032	ug/l	99
90) Hexachloroethane	14.335	117	58331	20.837	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	168355	18.798	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	19687	20.651	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	76519	18.526	ug/l	100
94) Hexachlorobutadiene	15.506	225	42361	17.824	ug/l	98
95) Naphthalene	15.647	128	226647	18.877	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	72883	18.415	ug/l	99

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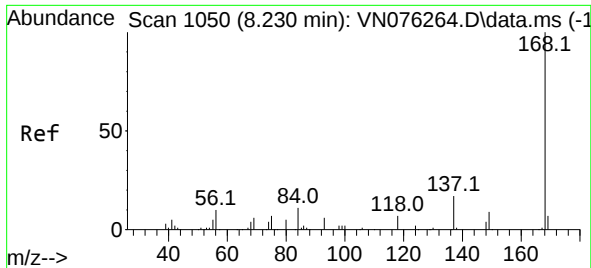
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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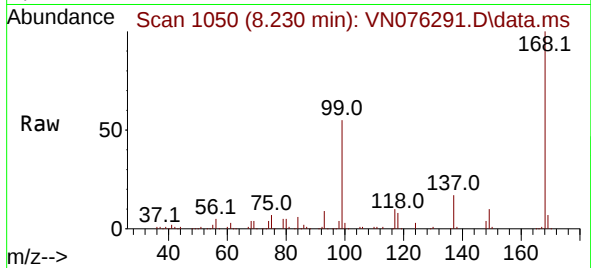
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
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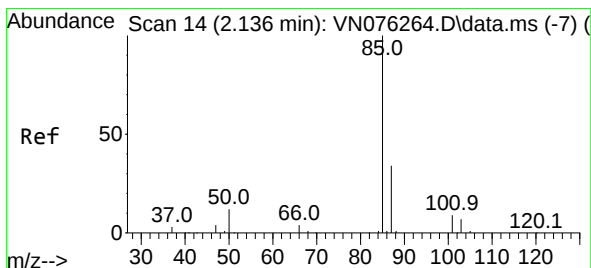
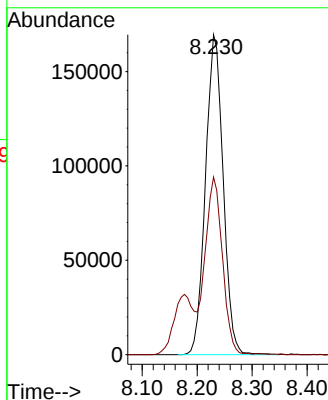
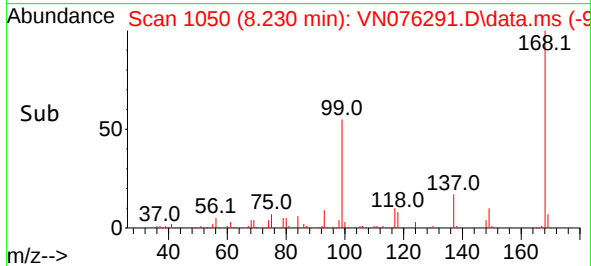
Instrument :
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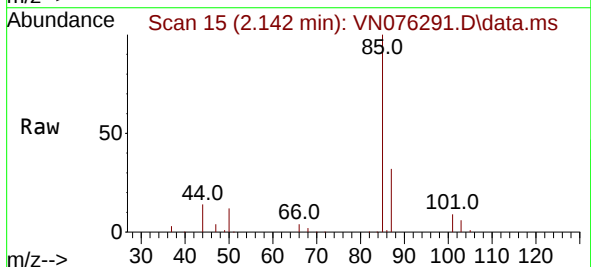
Tgt Ion:168 Resp: 378292
Ion Ratio Lower Upper
168 100
99 55.3 41.6 62.4

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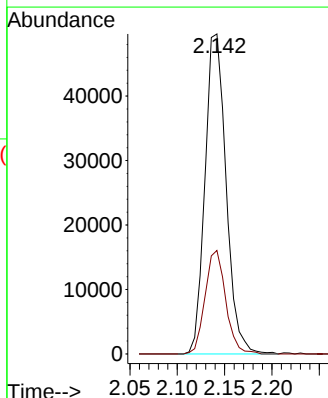
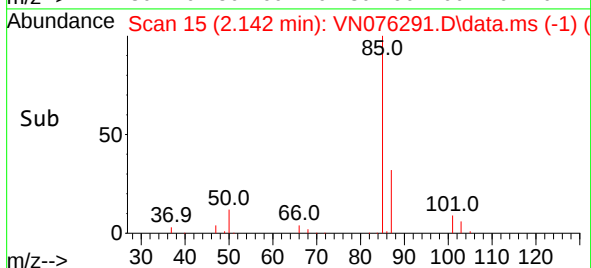
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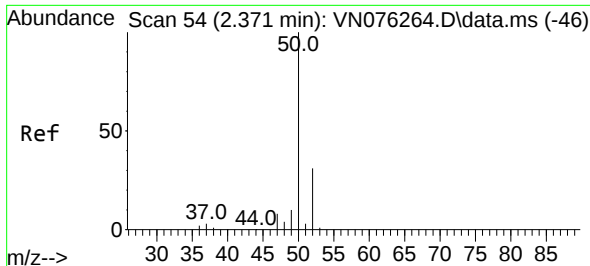


#2
Dichlorodifluoromethane
Concen: 19.825 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58



Tgt Ion: 85 Resp: 76852
Ion Ratio Lower Upper
85 100
87 32.4 17.1 51.2





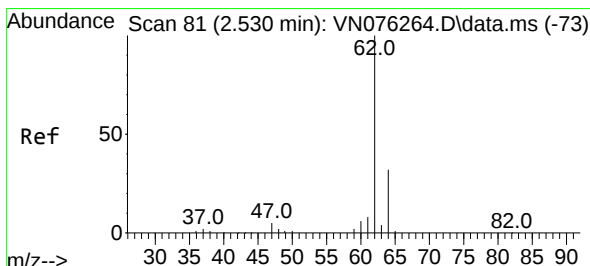
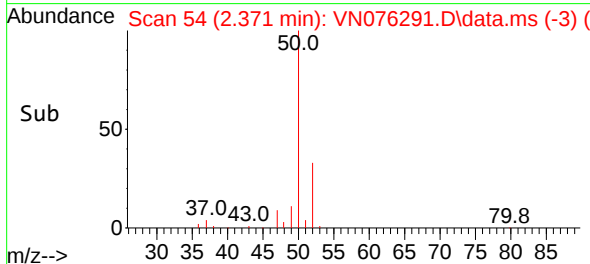
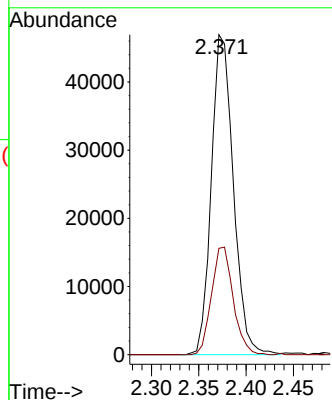
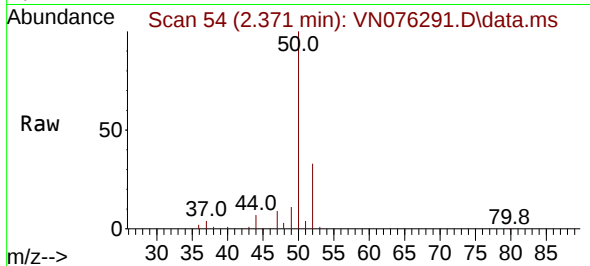
#3
Chloromethane
Concen: 18.914 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

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Tgt Ion: 50 Resp: 75914
Ion Ratio Lower Upper
50 100
52 33.3 24.8 37.2

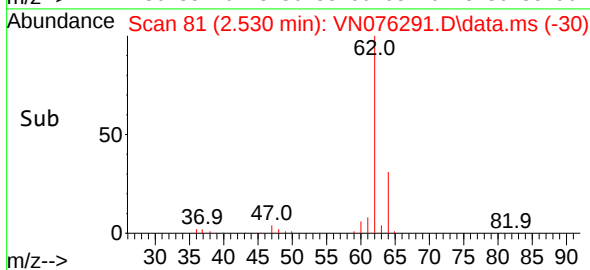
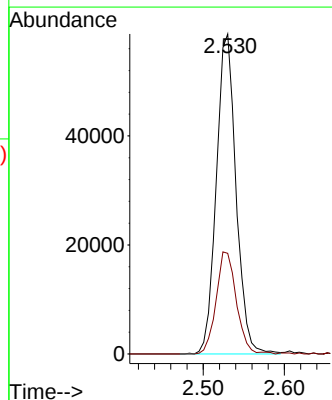
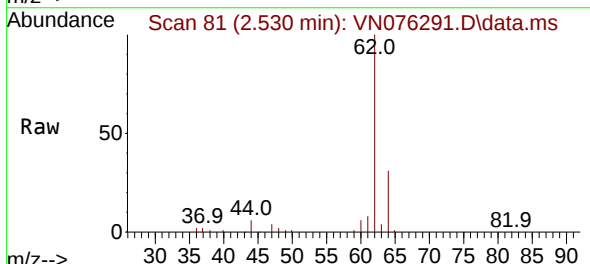
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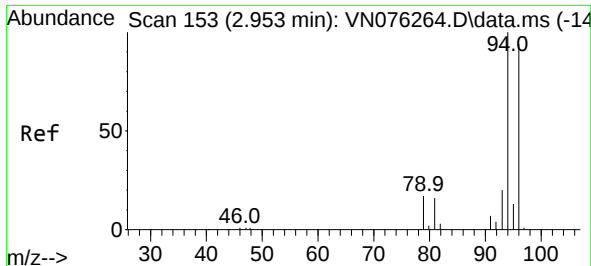
Reviewed By :John Carlone 01/19/2023
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#4
Vinyl Chloride
Concen: 20.135 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

Tgt Ion: 62 Resp: 99095
Ion Ratio Lower Upper
62 100
64 31.5 25.8 38.6





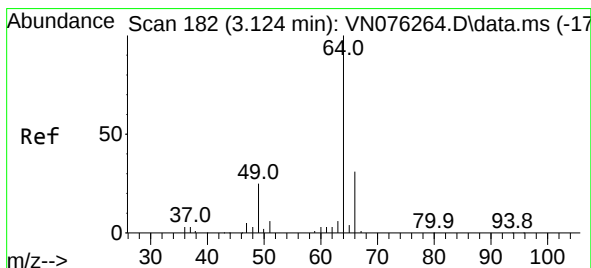
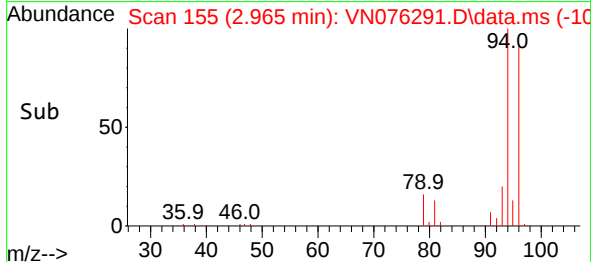
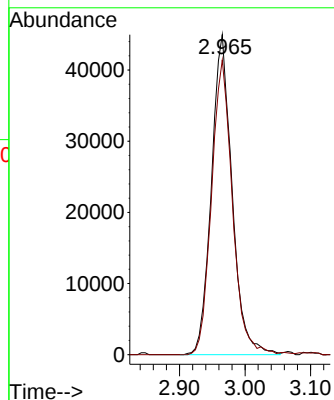
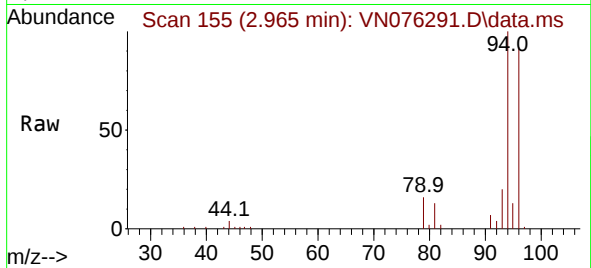
#5
Bromomethane
Concen: 24.419 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

Instrument :
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Tgt Ion: 94 Resp: 9841
Ion Ratio Lower Upper
94 100
96 92.1 75.1 112.7

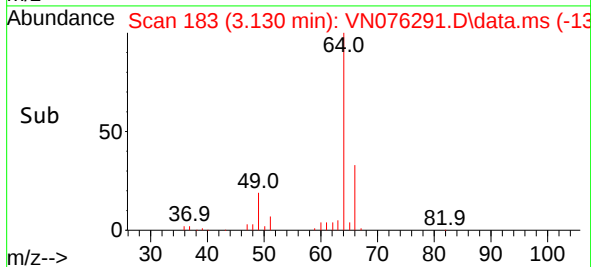
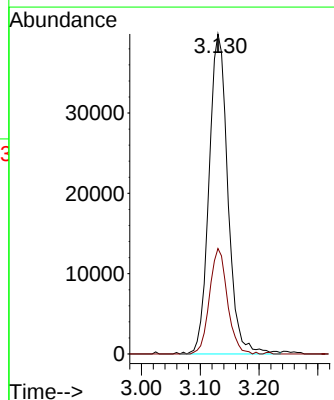
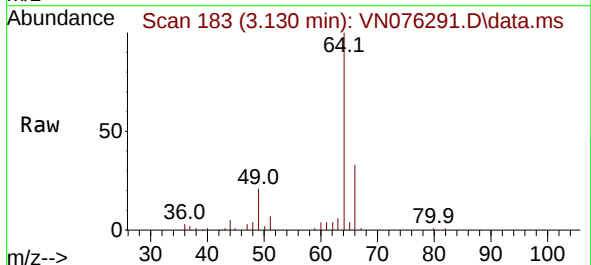
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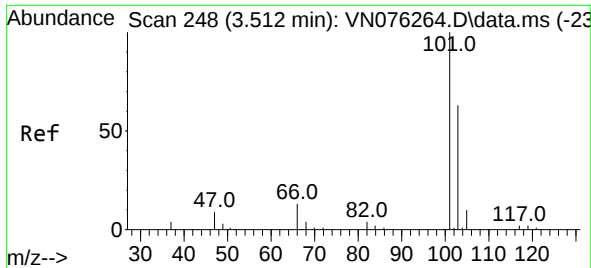
Reviewed By :John Carlone 01/19/2023
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#6
Chloroethane
Concen: 24.050 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.006 min
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Tgt Ion: 64 Resp: 88753
Ion Ratio Lower Upper
64 100
66 32.9 24.8 37.2





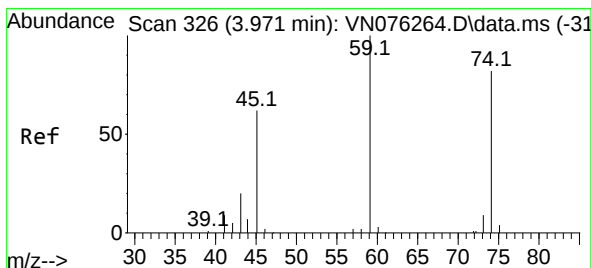
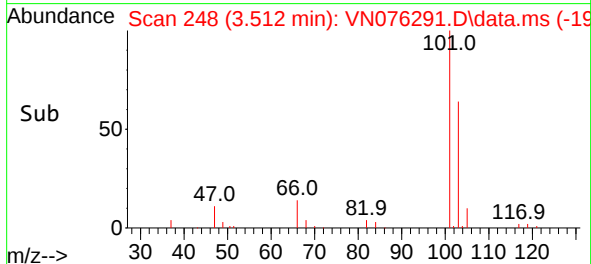
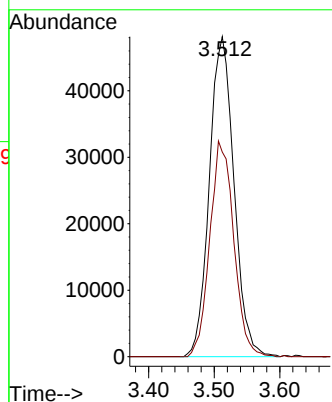
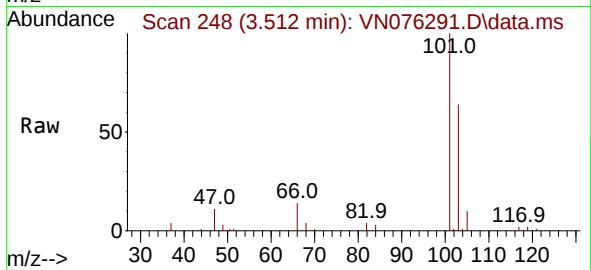
#7
 Trichlorofluoromethane
 Concen: 18.547 ug/l
 RT: 3.512 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VN076291.D
 Acq: 18 Jan 2023 11:58

Instrument :
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Tgt Ion:101 Resp: 12557
 Ion Ratio Lower Upper
 101 100
 103 63.9 50.2 75.4

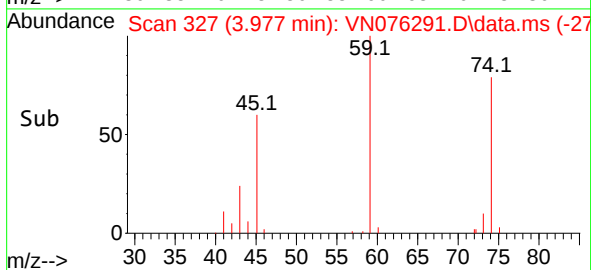
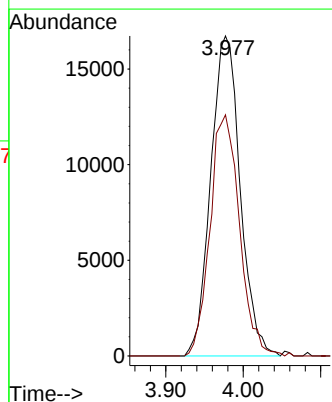
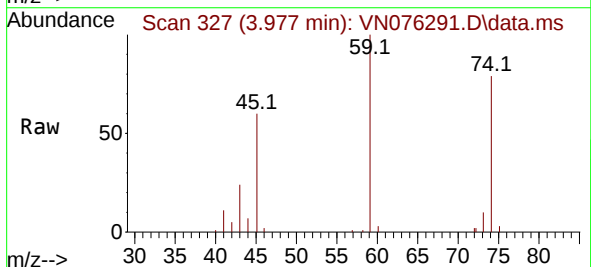
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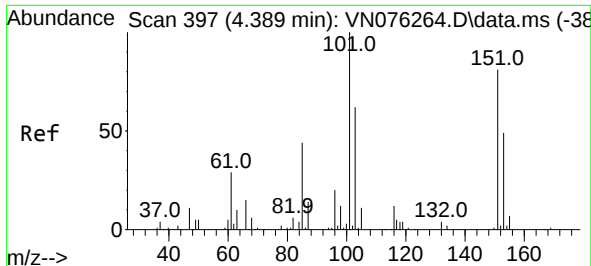
Reviewed By :John Carlone 01/19/2023
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#8
 Diethyl Ether
 Concen: 19.504 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 44293
 Ion Ratio Lower Upper
 74 100
 45 75.2 37.8 113.3





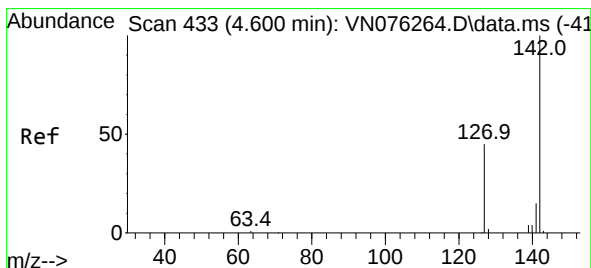
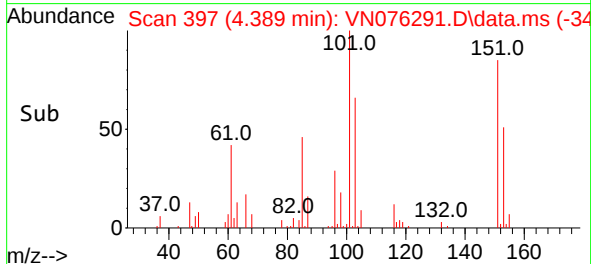
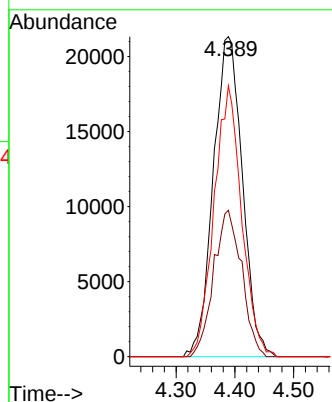
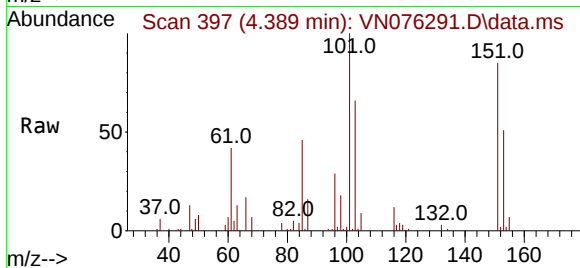
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.093 ug/l
RT: 4.389 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN0118WBS01

Tgt Ion:101 Resp: 73184
Ion Ratio Lower Upper
101 100
85 44.0 35.5 53.3
151 80.2 65.5 98.3

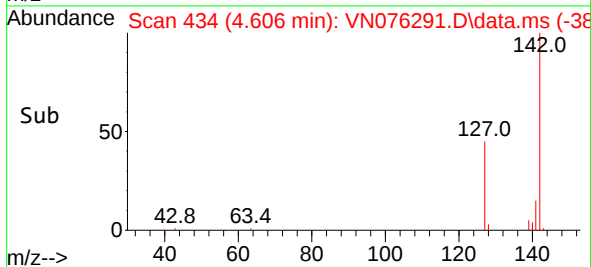
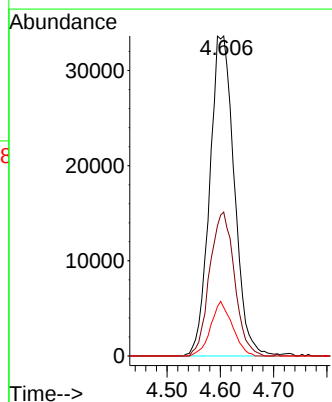
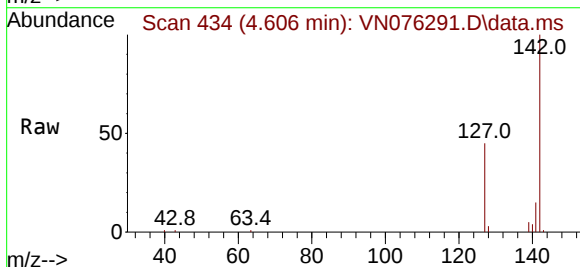
Manual Integrations
APPROVED

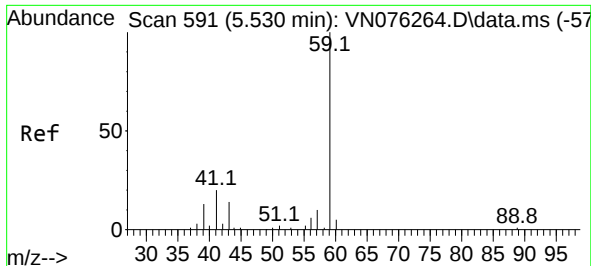
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#10
Methyl Iodide
Concen: 18.434 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

Tgt Ion:142 Resp: 107929
Ion Ratio Lower Upper
142 100
127 45.3 35.0 52.4
141 15.0 11.5 17.3





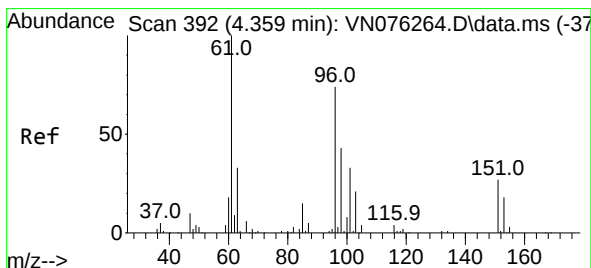
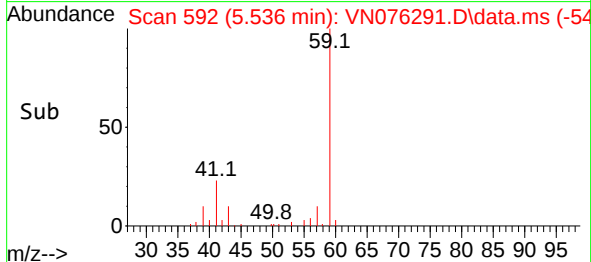
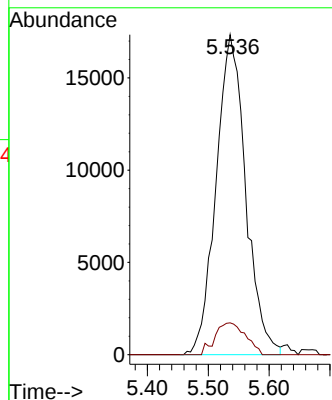
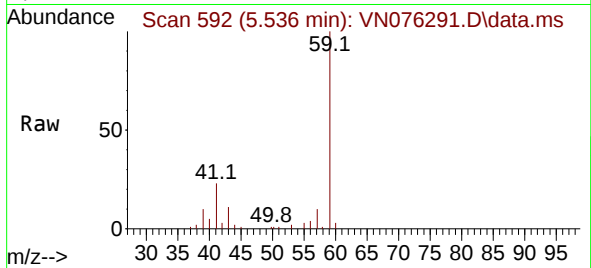
#11
Tert butyl alcohol
Concen: 103.598 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN0118WBS01

Tgt Ion: 59 Resp: 5869
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7

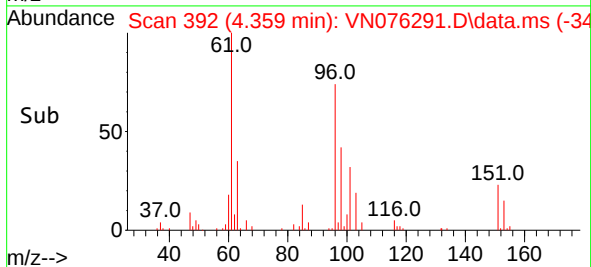
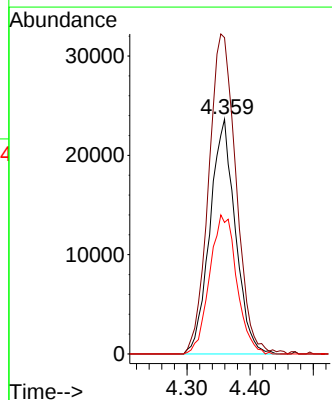
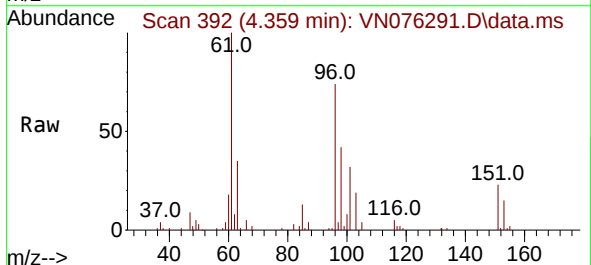
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#12
1,1-Dichloroethene
Concen: 18.280 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

Tgt Ion: 96 Resp: 66236
Ion Ratio Lower Upper
96 100
61 134.8 108.2 162.4
98 56.1 47.0 70.6





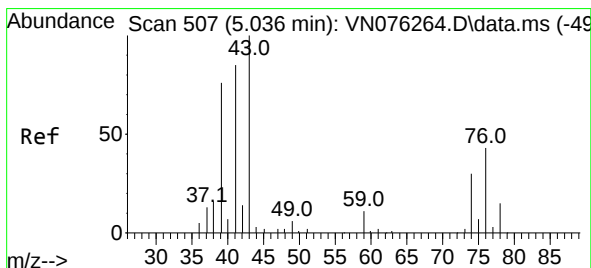
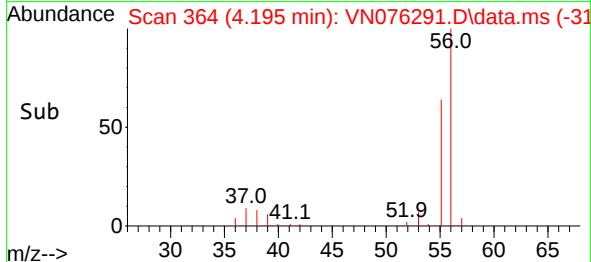
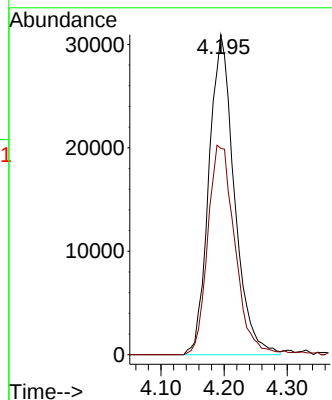
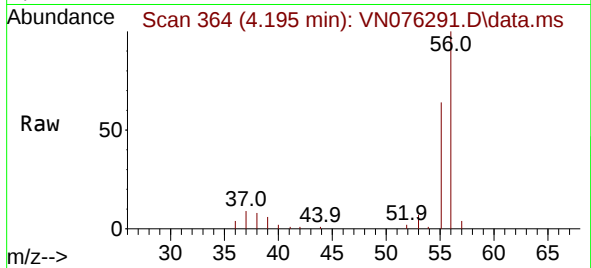
#13
Acrolein
Concen: 127.823 ug/l
RT: 4.195 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN0118WBS01

Tgt Ion: 56 Resp: 8660
Ion Ratio Lower Upper
56 100
55 69.7 55.8 83.6

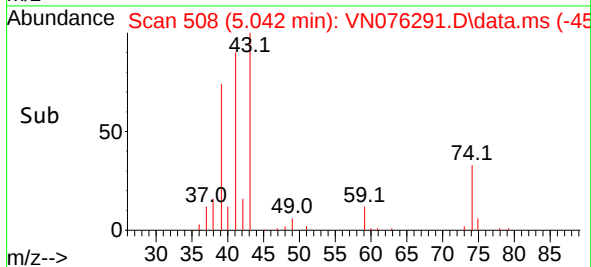
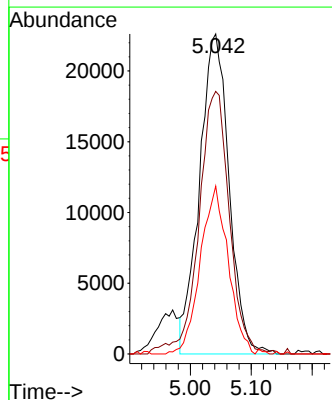
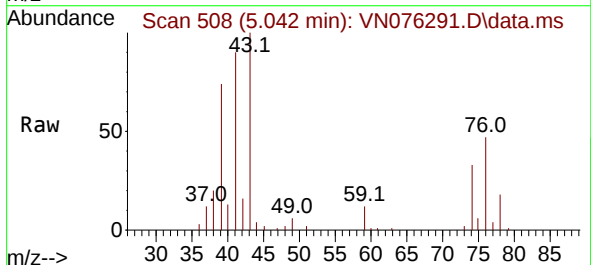
Manual Integrations
APPROVED

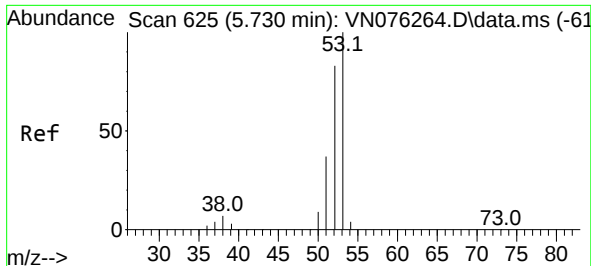
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#14
Allyl chloride
Concen: 18.091 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

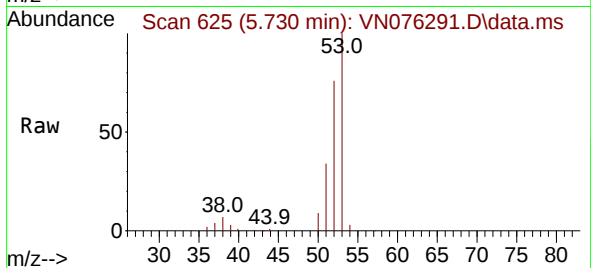
Tgt Ion: 41 Resp: 76387
Ion Ratio Lower Upper
41 100
39 84.5 67.4 101.0
76 49.2 39.8 59.8





#15
Acrylonitrile
Concen: 98.926 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

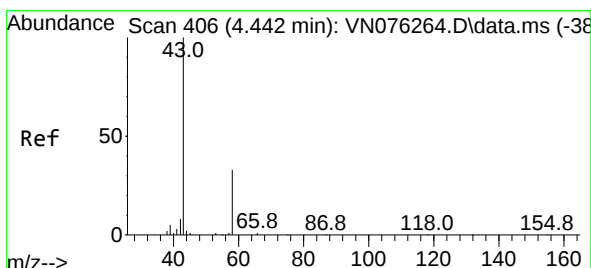
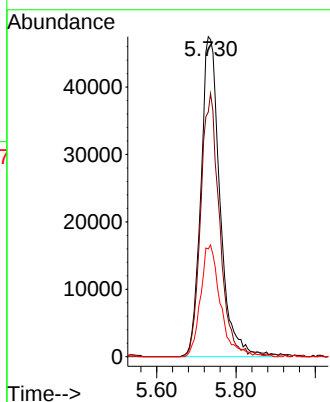
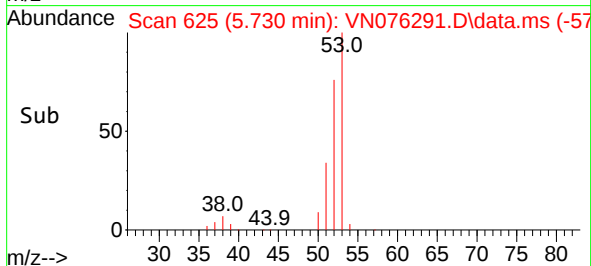
Instrument :
MSVOA_N
ClientSampleId :
VN0118WBS01



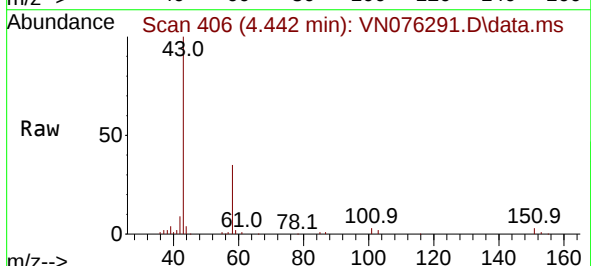
Tgt Ion: 53 Resp: 15949
Ion Ratio Lower Upper
53 100
52 80.1 64.7 97.1
51 36.3 29.2 43.8

Manual Integrations
APPROVED

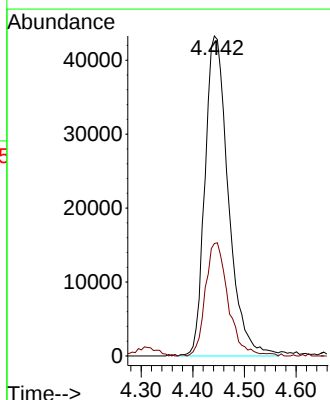
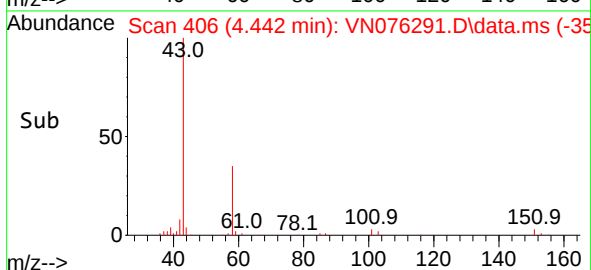
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

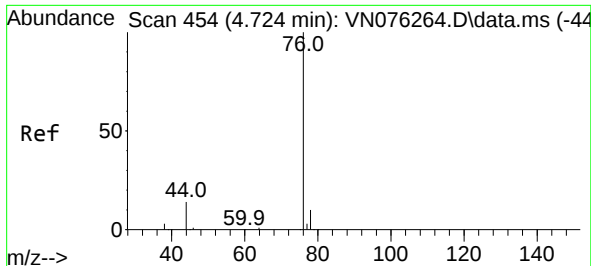


#16
Acetone
Concen: 100.334 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58



Tgt Ion: 43 Resp: 136296
Ion Ratio Lower Upper
43 100
58 35.1 26.7 40.1





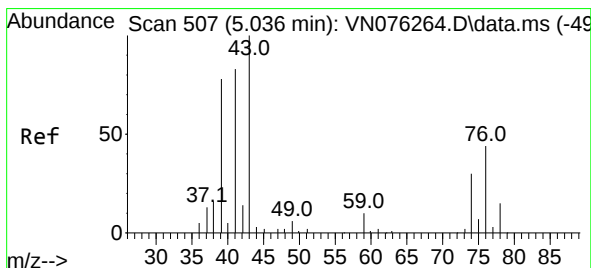
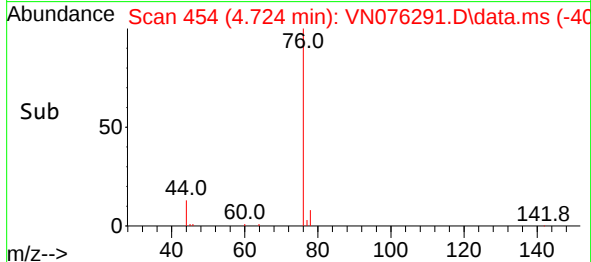
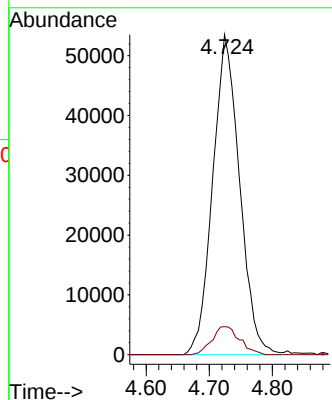
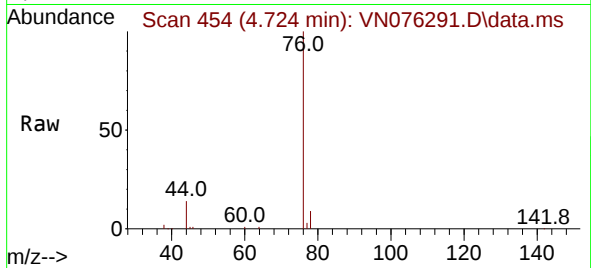
#17
Carbon Disulfide
Concen: 17.503 ug/l
RT: 4.724 min Scan# 454
Delta R.T. 0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN0118WBS01

Tgt Ion: 76 Resp: 157910
Ion Ratio Lower Upper
76 100
78 8.8 8.0 12.0

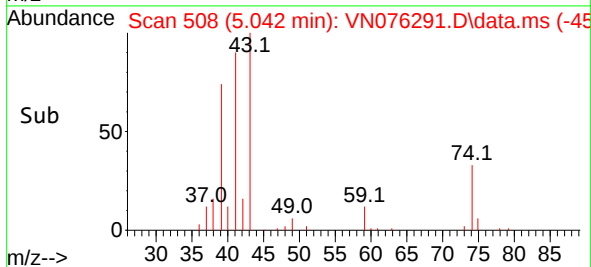
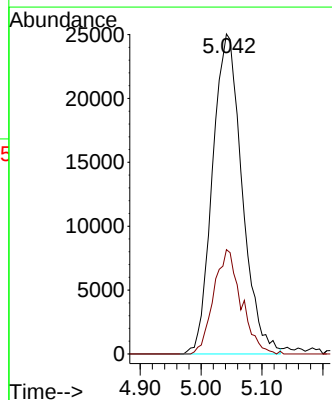
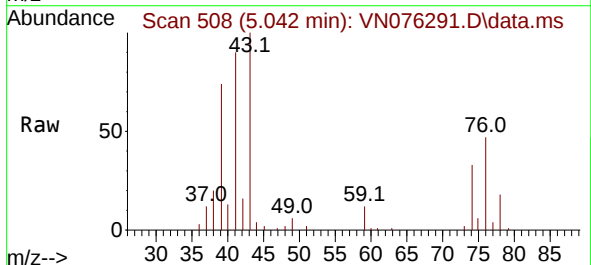
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#18
Methyl Acetate
Concen: 18.353 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

Tgt Ion: 43 Resp: 84456
Ion Ratio Lower Upper
43 100
74 30.3 23.3 34.9





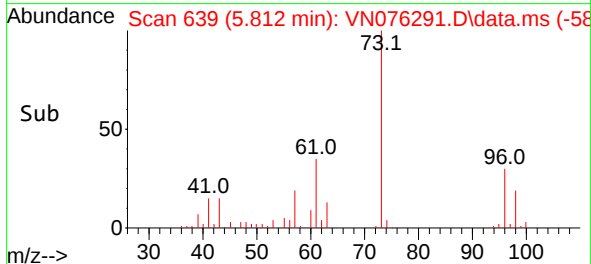
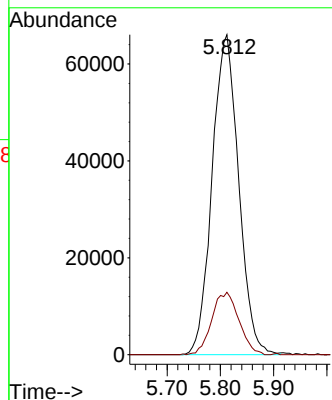
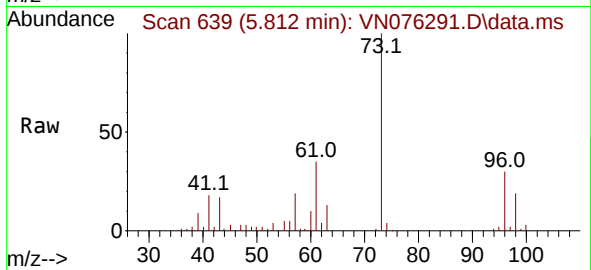
#19
Methyl tert-butyl Ether
Concen: 19.387 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN0118WBS01

Tgt Ion: 73 Resp: 22868
Ion Ratio Lower Upper
73 100
57 19.5 15.9 23.9

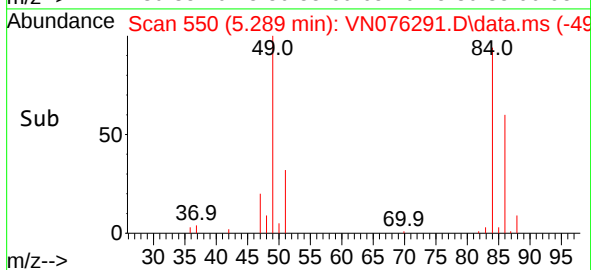
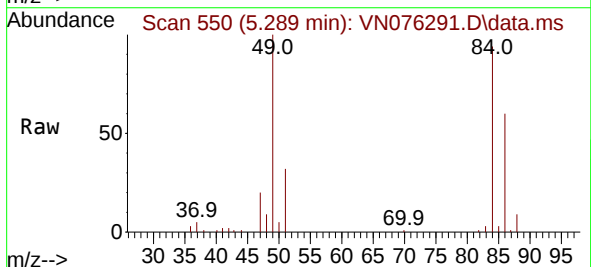
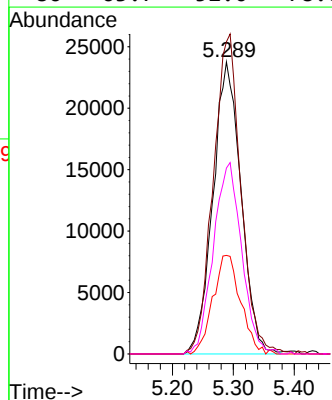
Manual Integrations
APPROVED

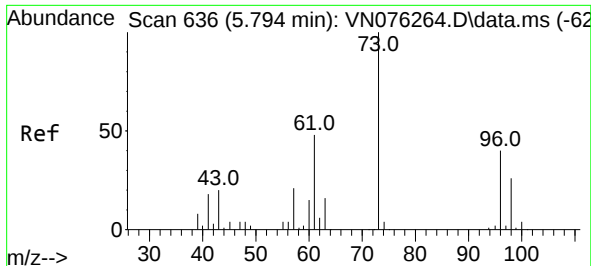
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#20
Methylene Chloride
Concen: 18.568 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

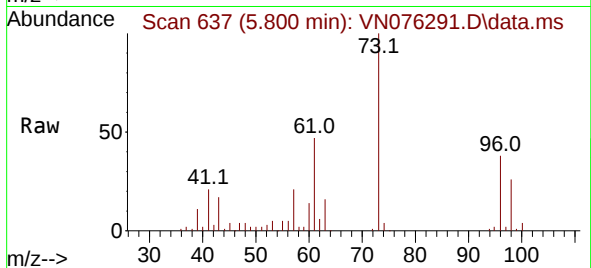
Tgt Ion: 84 Resp: 76127
Ion Ratio Lower Upper
84 100
49 106.9 84.5 126.7
51 33.7 26.0 39.0
86 63.7 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 18.214 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

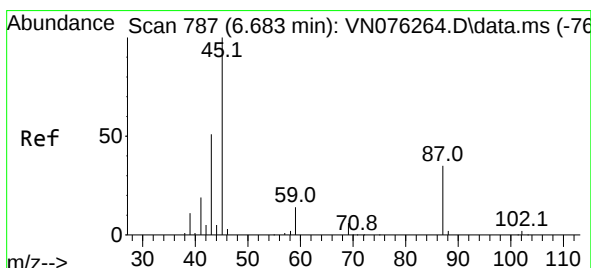
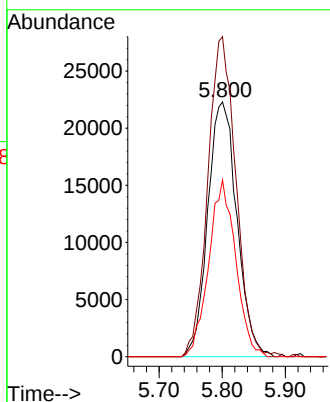
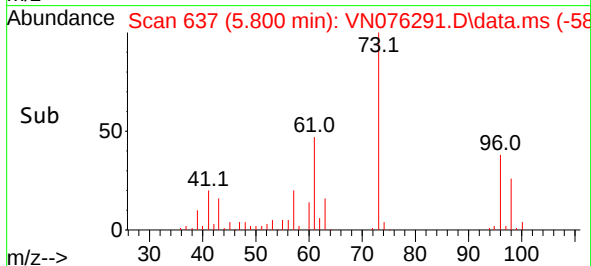
Instrument :
MSVOA_N
ClientSampleId :
VN0118WBS01



Tgt Ion: 96 Resp: 7149
Ion Ratio Lower Upper
96 100
61 125.6 97.0 145.4
98 69.4 51.9 77.9

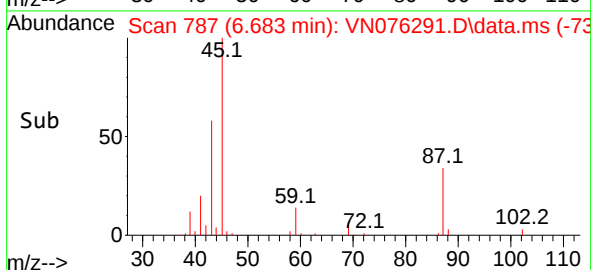
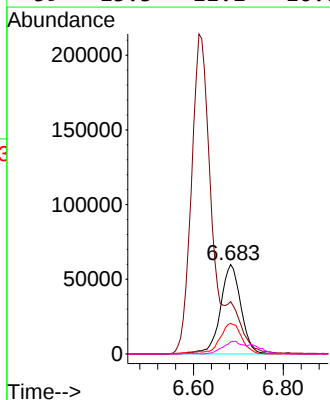
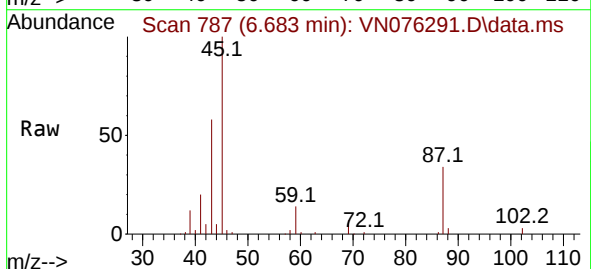
Manual Integrations
APPROVED

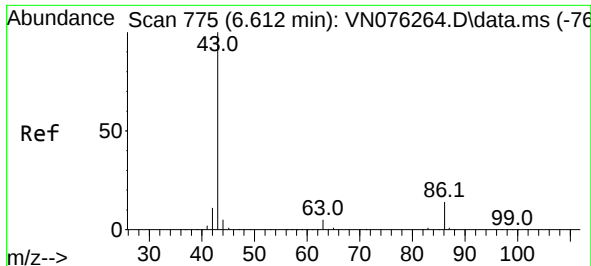
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#22
Diisopropyl ether
Concen: 19.047 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

Tgt Ion: 45 Resp: 189665
Ion Ratio Lower Upper
45 100
43 57.4 44.4 66.6
87 34.3 28.4 42.6
59 13.3 11.1 16.7





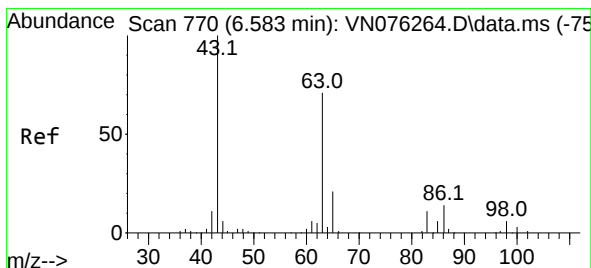
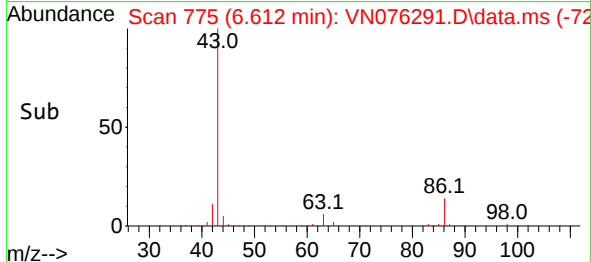
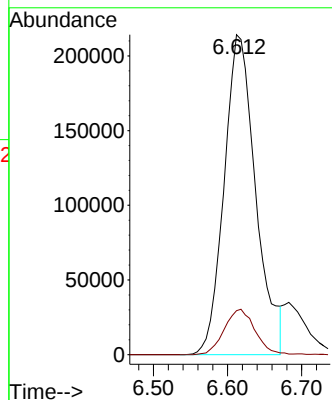
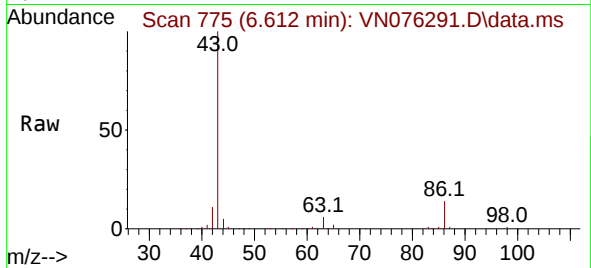
#23
 Vinyl Acetate
 Concen: 98.643 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN076291.D
 Acq: 18 Jan 2023 11:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0118WBS01

Tgt Ion: 43 Resp: 634824
 Ion Ratio Lower Upper
 43 100
 86 13.8 11.2 16.8

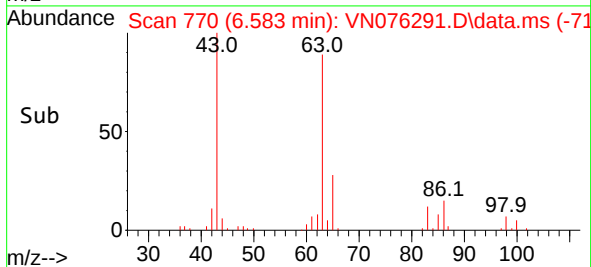
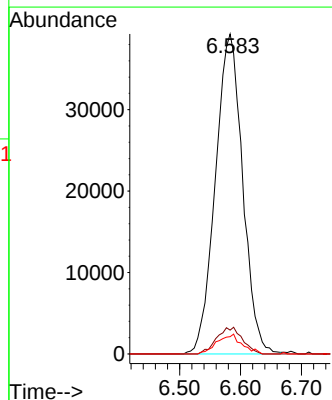
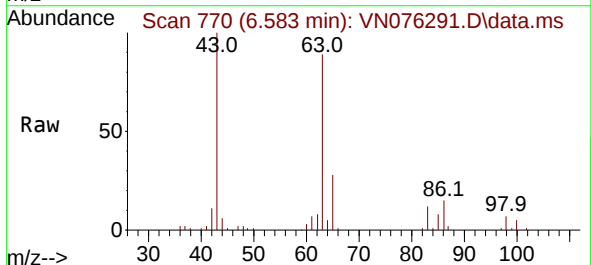
Manual Integrations
 APPROVED

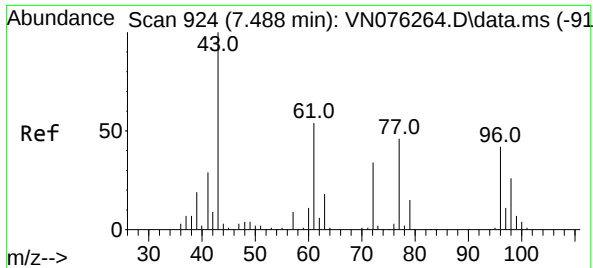
Reviewed By :John Carlone 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023



#24
 1,1-Dichloroethane
 Concen: 18.417 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VN076291.D
 Acq: 18 Jan 2023 11:58

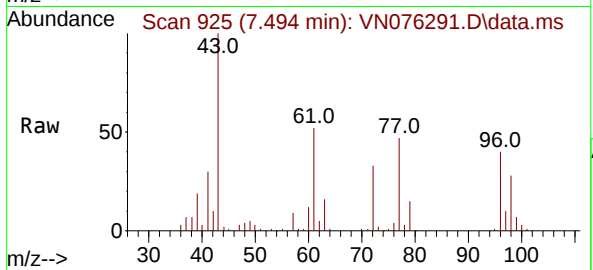
Tgt Ion: 63 Resp: 122244
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.7
 100 5.4 2.2 6.6





#25
2-Butanone
Concen: 95.623 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.006 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

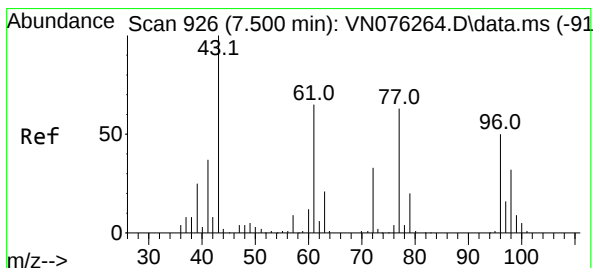
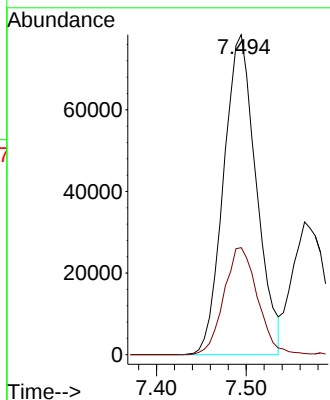
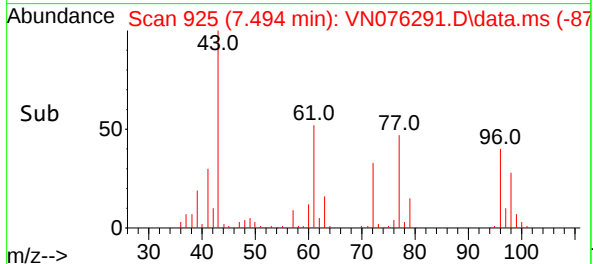
Instrument :
MSVOA_N
ClientSampleId :
VN0118WBS01



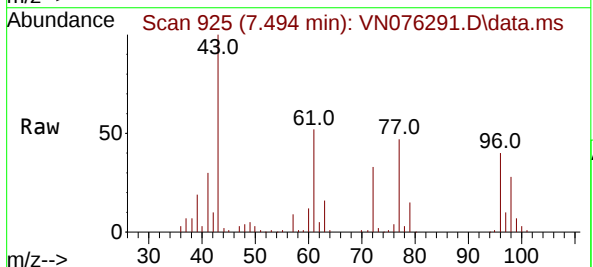
Tgt Ion: 43 Resp: 19830
Ion Ratio Lower Upper
43 100
72 33.4 27.4 41.2

Manual Integrations
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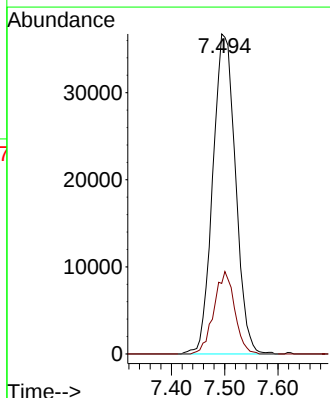
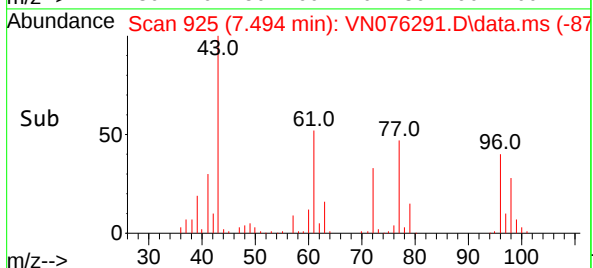
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

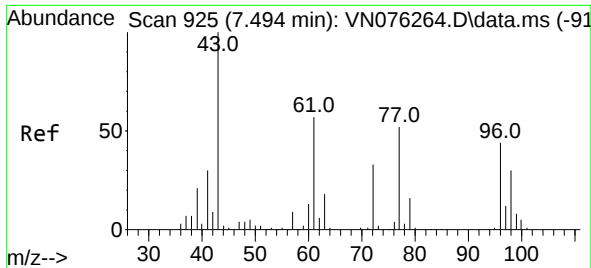


#26
2,2-Dichloropropane
Concen: 19.457 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.006 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58



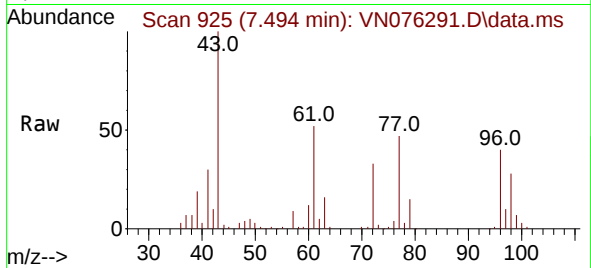
Tgt Ion: 77 Resp: 108850
Ion Ratio Lower Upper
77 100
97 23.5 11.8 35.4





#27
 cis-1,2-Dichloroethene
 Concen: 18.530 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN076291.D
 Acq: 18 Jan 2023 11:58

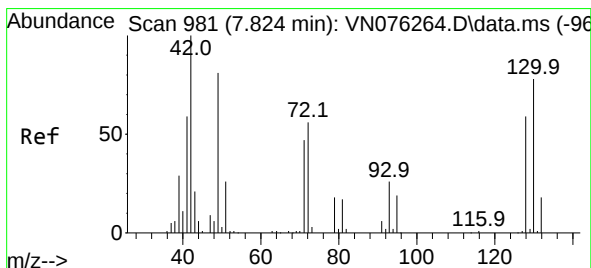
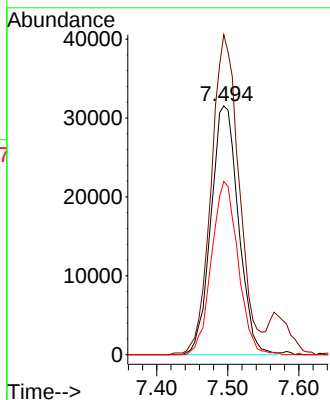
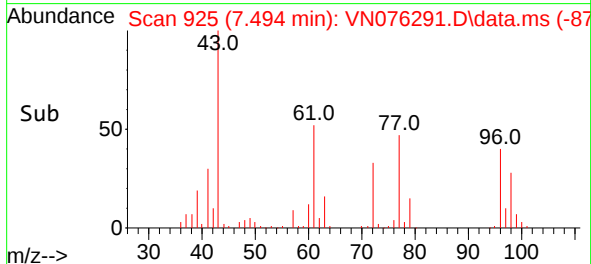
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0118WBS01



Tgt Ion: 96 Resp: 84830
 Ion Ratio Lower Upper
 96 100
 61 130.0 0.0 259.6
 98 67.1 0.0 129.4

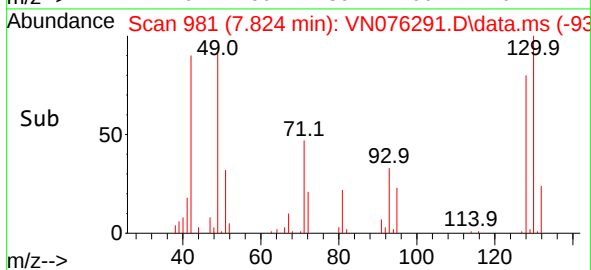
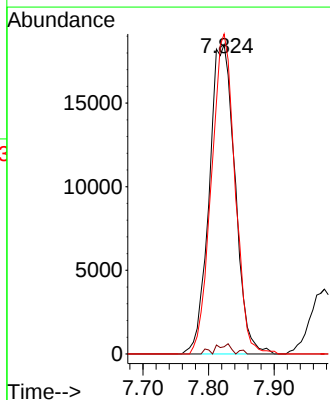
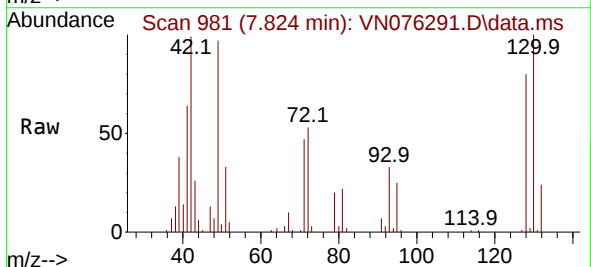
Manual Integrations
 APPROVED

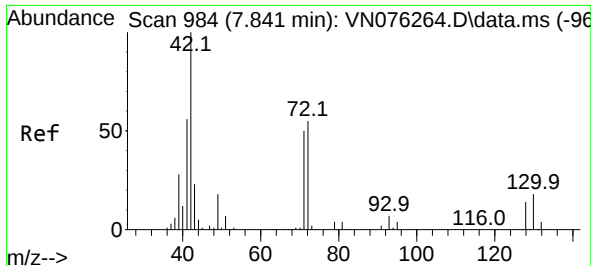
Reviewed By :John Carlone 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023



#28
 Bromochloromethane
 Concen: 18.740 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. -0.000 min
 Lab File: VN076291.D
 Acq: 18 Jan 2023 11:58

Tgt Ion: 49 Resp: 50418
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 5.2
 130 94.5 76.0 114.0





#29

Tetrahydrofuran

Concen: 100.382 ug/l

RT: 7.847 min Scan# 984

Delta R.T. 0.006 min

Lab File: VN076291.D

Acq: 18 Jan 2023 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN0118WBS01

Tgt Ion: 42 Resp: 12848

Ion Ratio Lower Upper

42 100

72 56.1 44.0 66.0

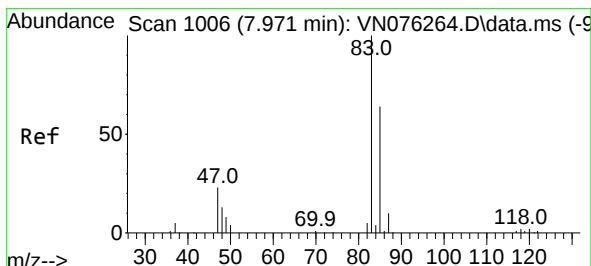
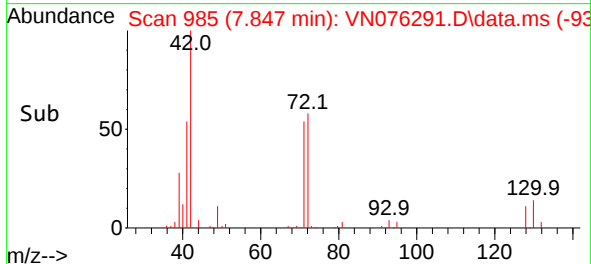
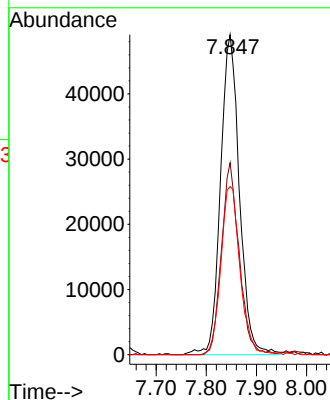
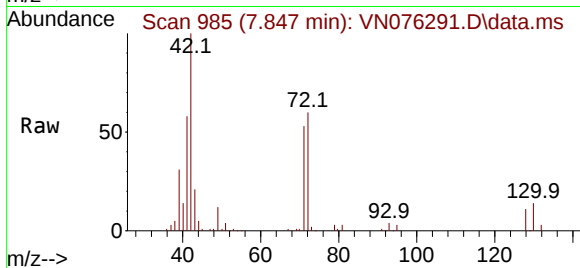
71 53.2 41.1 61.7

Manual Integrations

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Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#30

Chloroform

Concen: 18.987 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN076291.D

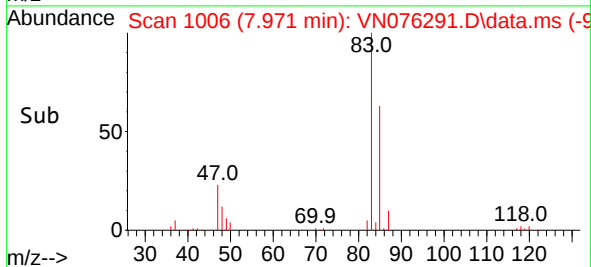
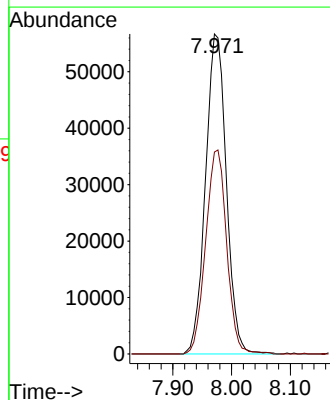
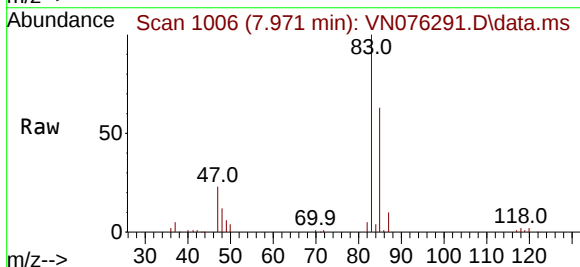
Acq: 18 Jan 2023 11:58

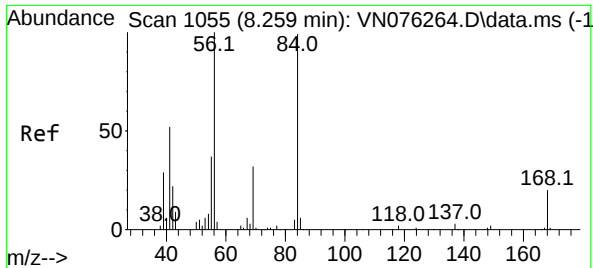
Tgt Ion: 83 Resp: 139445

Ion Ratio Lower Upper

83 100

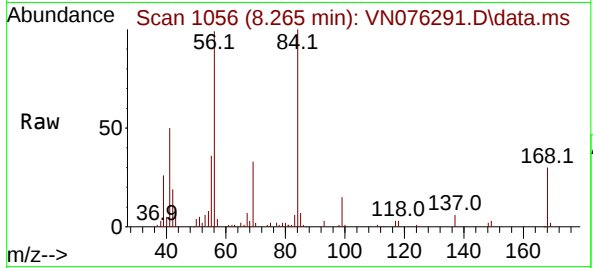
85 63.1 51.0 76.6





#31
Cyclohexane
Concen: 17.354 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

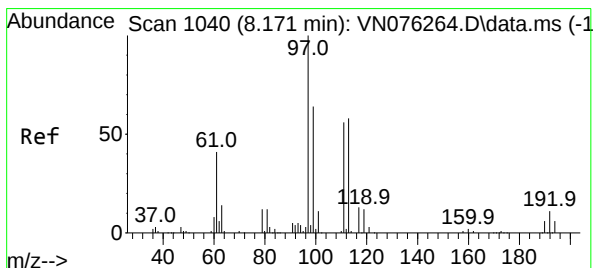
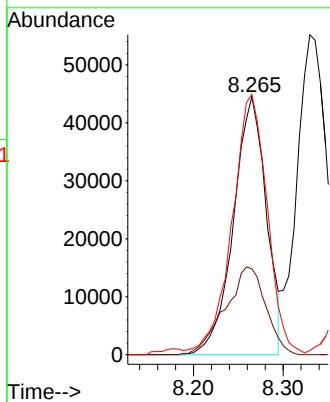
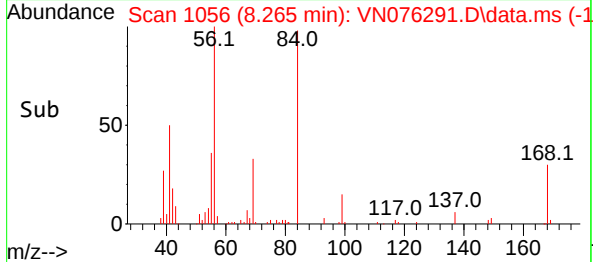
Instrument :
MSVOA_N
ClientSampleId :
VN0118WBS01



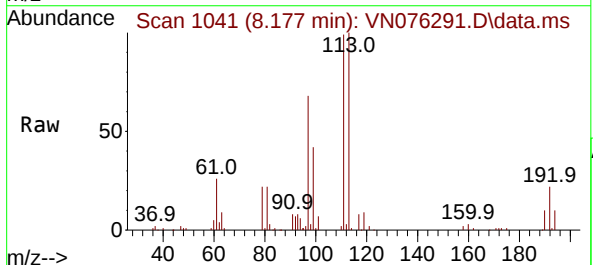
Tgt Ion: 56 Resp: 112920
Ion Ratio Lower Upper
56 100
69 33.3 25.8 38.8
84 98.7 79.0 118.4

Manual Integrations
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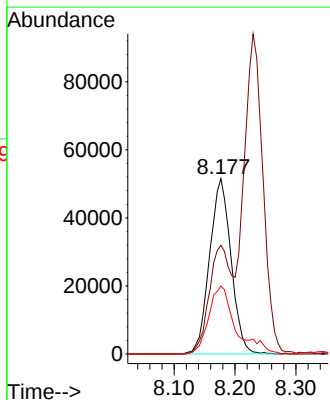
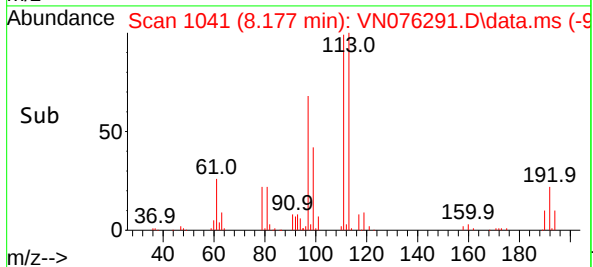
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

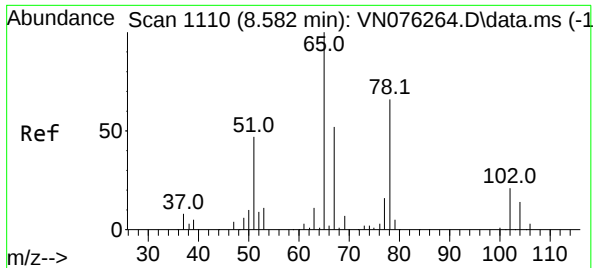


#32
1,1,1-Trichloroethane
Concen: 18.796 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58



Tgt Ion: 97 Resp: 126034
Ion Ratio Lower Upper
97 100
99 66.3 55.0 82.4
61 48.3 36.2 54.4





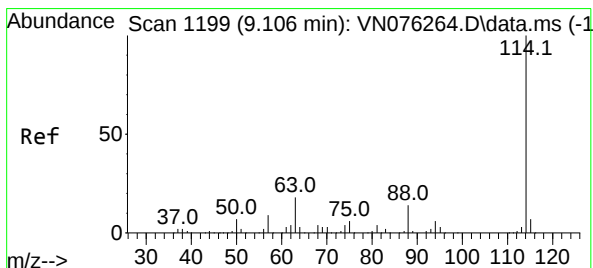
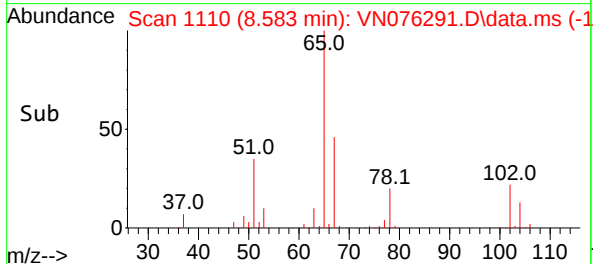
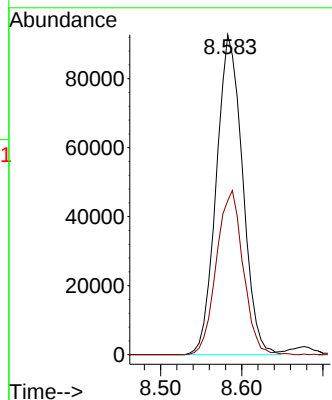
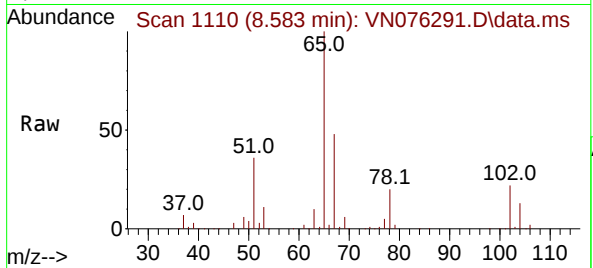
#33
1,2-Dichloroethane-d4
Concen: 49.266 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.001 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN0118WBS01

Tgt Ion: 65 Resp: 20867
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.6

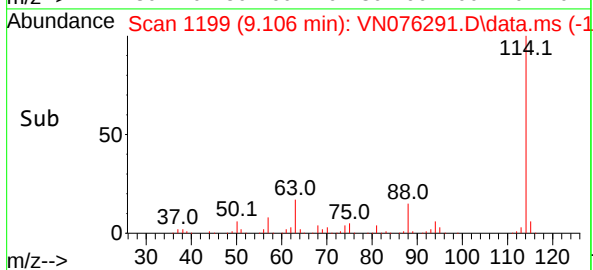
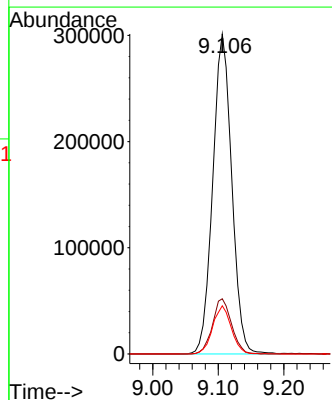
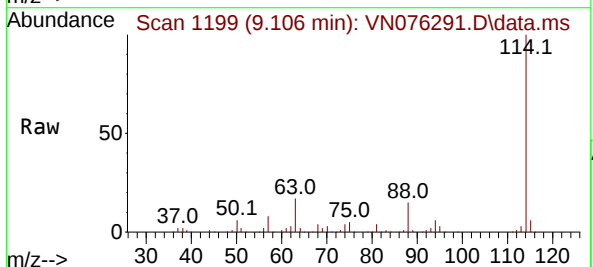
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

Tgt Ion:114 Resp: 605760
Ion Ratio Lower Upper
114 100
63 17.3 0.0 35.8
88 15.0 0.0 28.0





#35

Dibromofluoromethane

Concen: 50.641 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076291.D

Acq: 18 Jan 2023 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN0118WBS01

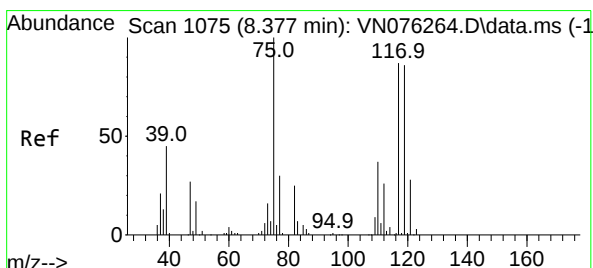
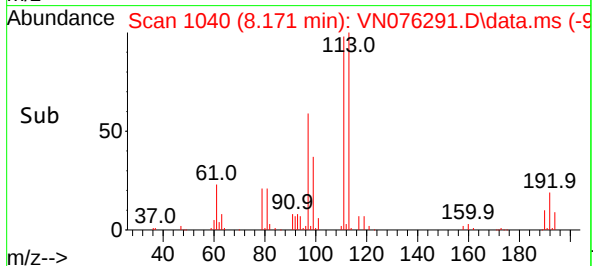
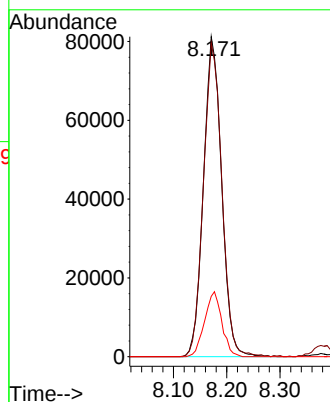
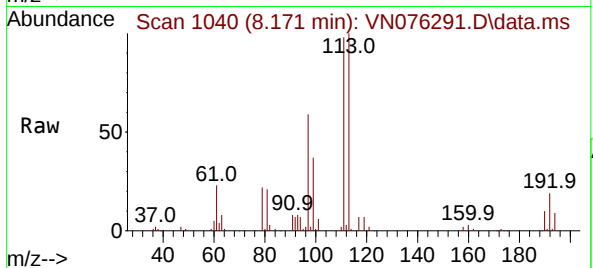
Tgt Ion:	113	Resp:	19189
Ion Ratio	Lower	Upper	
113	100		
111	99.7	82.7	124.1
192	19.4	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#36

1,1-Dichloropropene

Concen: 18.225 ug/l

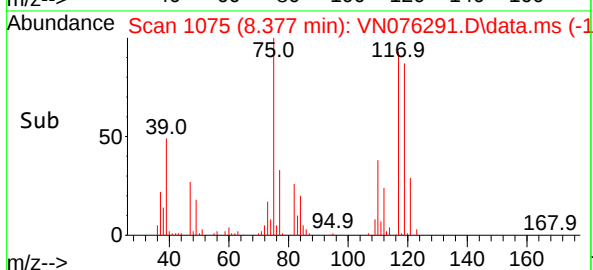
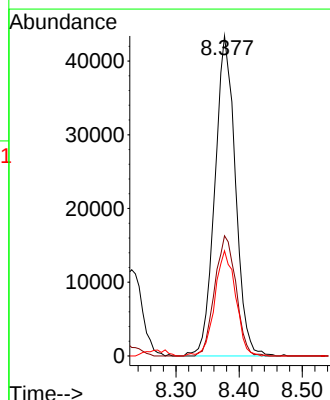
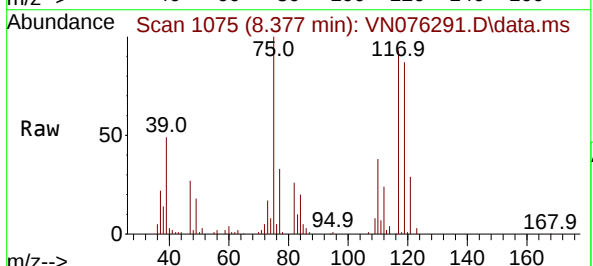
RT: 8.377 min Scan# 1075

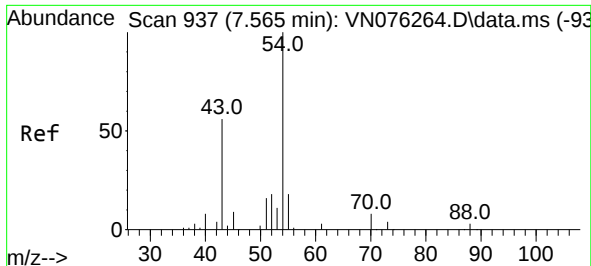
Delta R.T. -0.000 min

Lab File: VN076291.D

Acq: 18 Jan 2023 11:58

Tgt Ion:	75	Resp:	98131
Ion Ratio	Lower	Upper	
75	100		
110	38.8	18.8	56.3
77	33.4	25.0	37.4





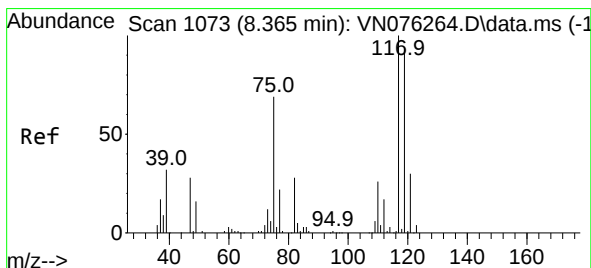
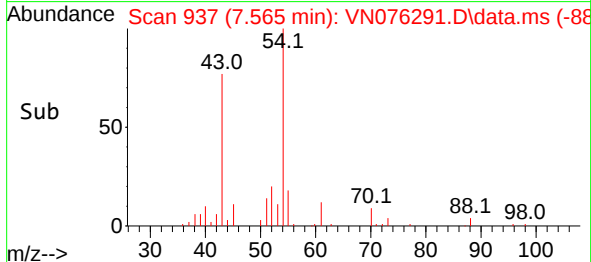
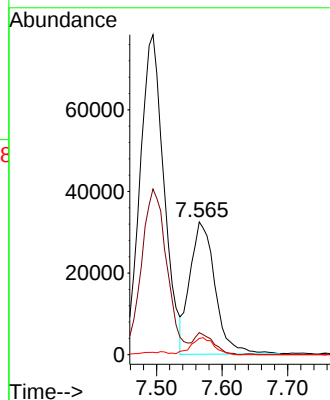
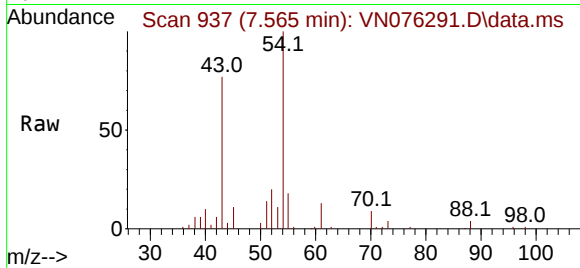
#37
Ethyl Acetate
Concen: 19.992 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN0118WBS01

Tgt Ion: 43 Resp: 86249
Ion Ratio Lower Upper
43 100
61 13.3 11.1 16.7
70 11.6 10.0 15.0

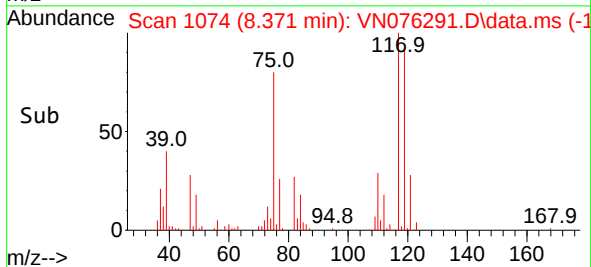
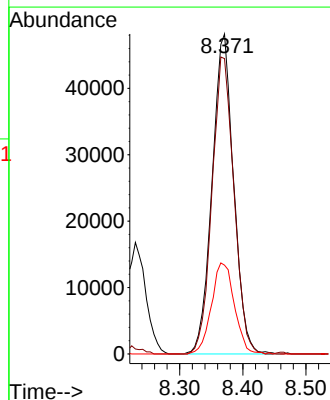
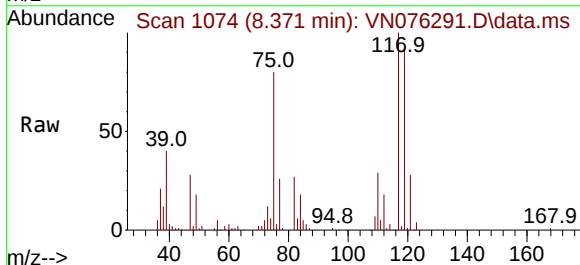
Manual Integrations
APPROVED

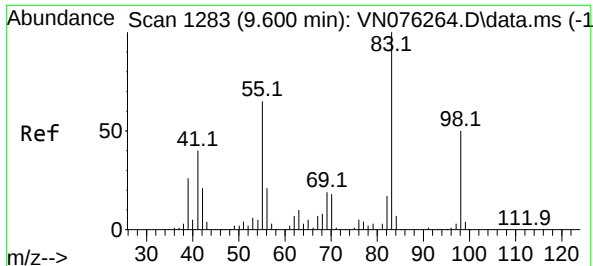
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#38
Carbon Tetrachloride
Concen: 19.016 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

Tgt Ion:117 Resp: 114185
Ion Ratio Lower Upper
117 100
119 92.3 75.4 113.0
121 27.7 24.2 36.2





#39

Methylcyclohexane

Concen: 19.295 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. 0.006 min

Lab File: VN076291.D

Acq: 18 Jan 2023 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN0118WBS01

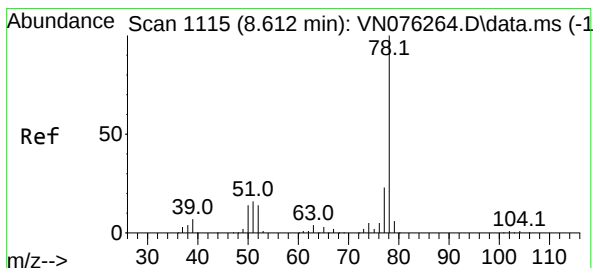
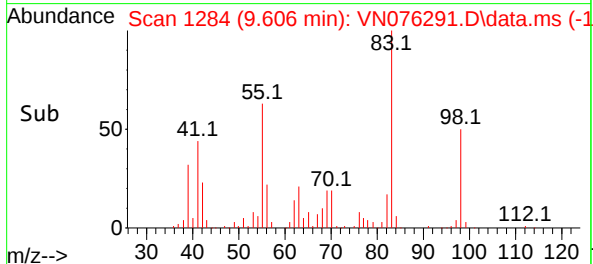
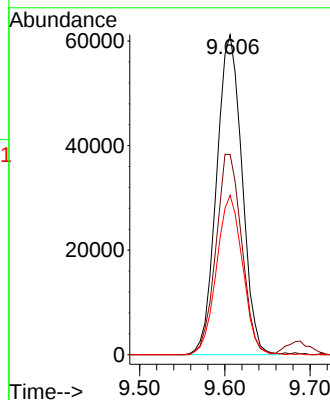
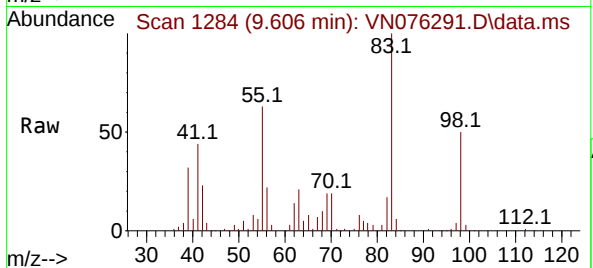
Tgt Ion: 83 Resp: 12687
 Ion Ratio Lower Upper
 83 100
 55 62.6 51.7 77.5
 98 49.8 40.0 60.0

Manual Integrations

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Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#40

Benzene

Concen: 18.685 ug/l

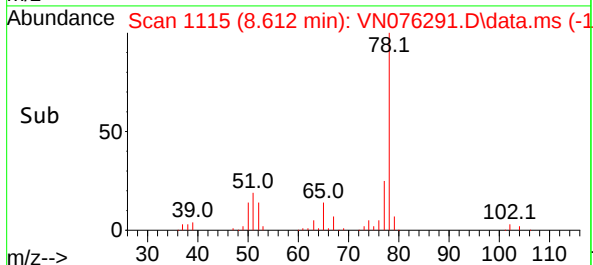
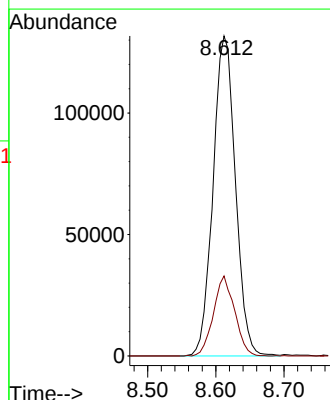
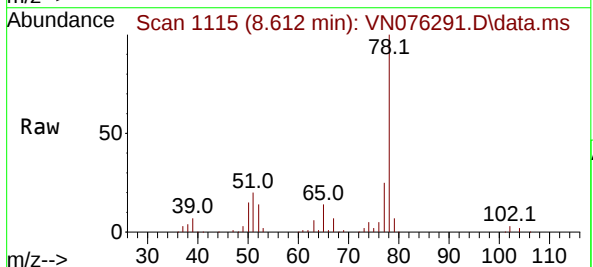
RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076291.D

Acq: 18 Jan 2023 11:58

Tgt Ion: 78 Resp: 300840
 Ion Ratio Lower Upper
 78 100
 77 25.0 18.6 28.0





#41
Methacrylonitrile
Concen: 18.547 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.001 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

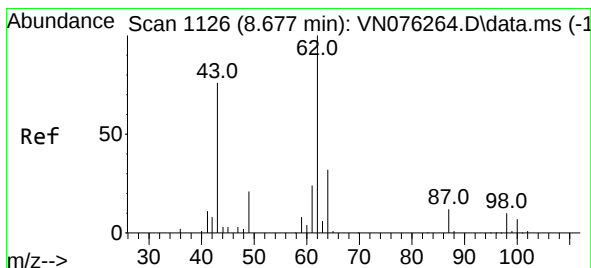
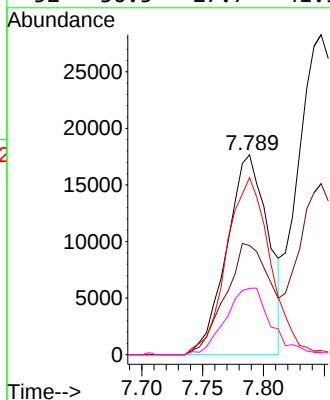
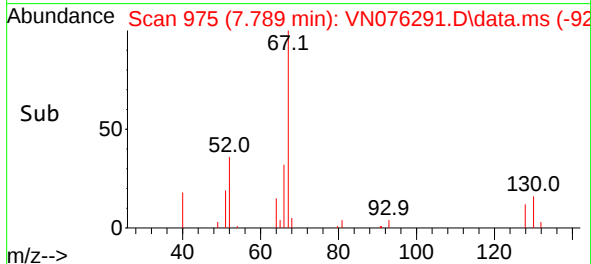
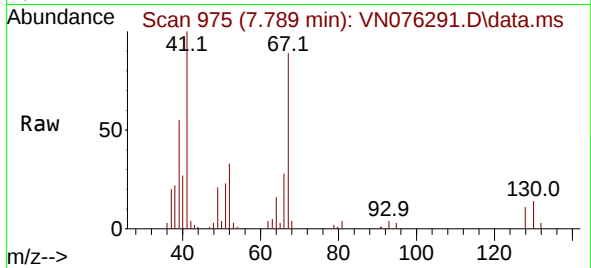
Instrument :
MSVOA_N
ClientSampleId :
VN0118WBS01

Tgt Ion: 41 Resp: 4194

Ion	Ratio	Lower	Upper
41	100		
39	59.5	42.4	63.6
67	94.4	68.8	103.2
52	36.5	27.7	41.5

Manual Integrations
APPROVED

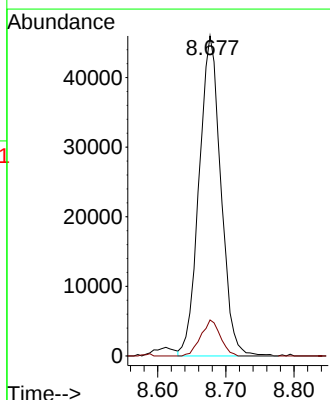
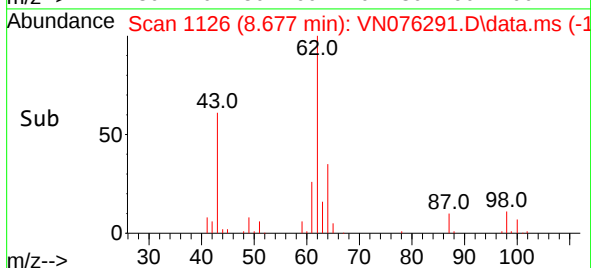
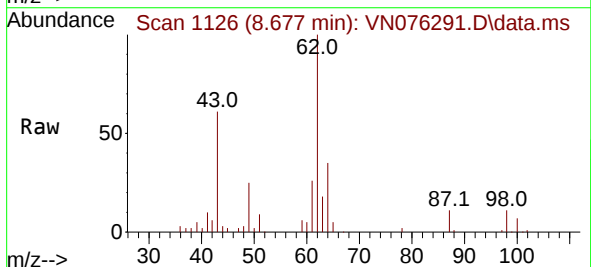
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

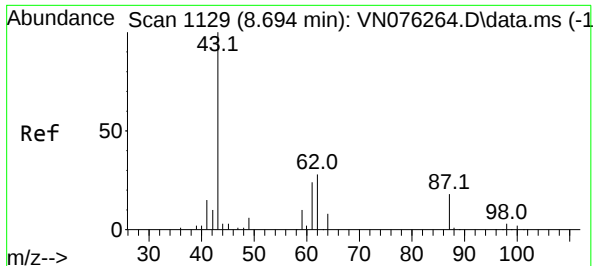


#42
1,2-Dichloroethane
Concen: 18.571 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

Tgt Ion: 62 Resp: 102304

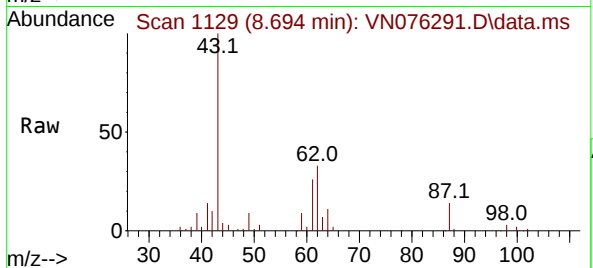
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.4





#43
Isopropyl Acetate
Concen: 19.375 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

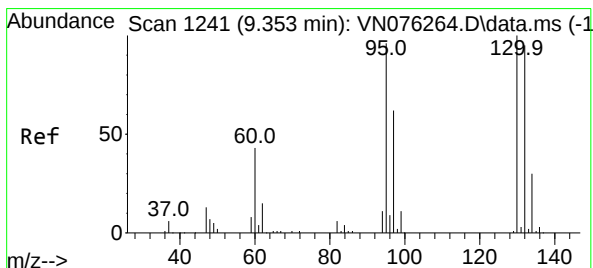
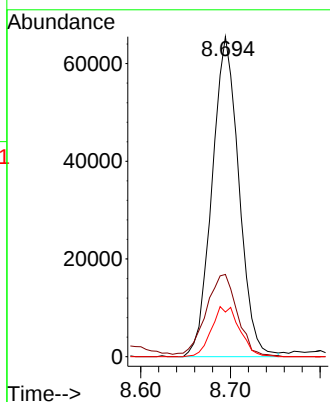
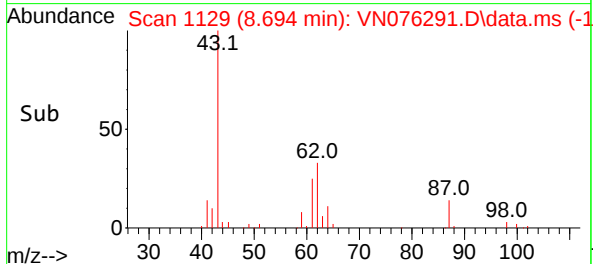
Instrument :
MSVOA_N
ClientSampleId :
VN0118WBS01



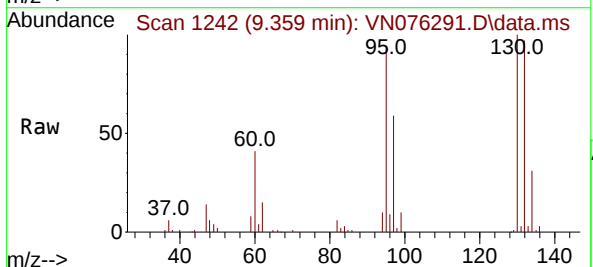
Tgt Ion: 43 Resp: 136129
Ion Ratio Lower Upper
43 100
61 30.3 23.5 35.3
87 16.4 13.8 20.6

Manual Integrations
APPROVED

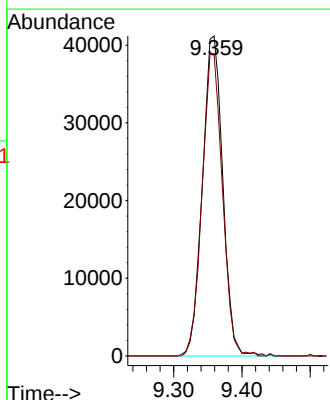
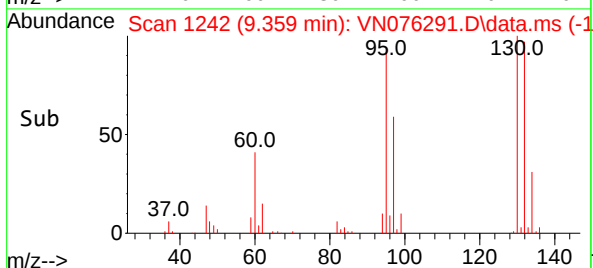
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

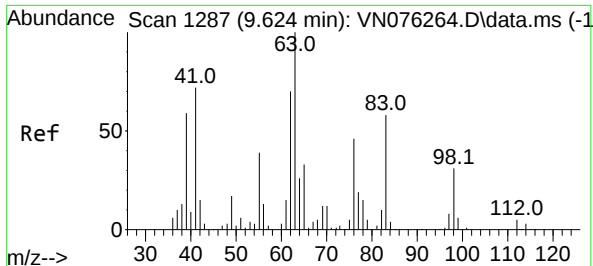


#44
Trichloroethene
Concen: 18.700 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58



Tgt Ion:130 Resp: 85156
Ion Ratio Lower Upper
130 100
95 94.4 0.0 192.0





#45

1,2-Dichloropropane

Concen: 18.531 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076291.D

Acq: 18 Jan 2023 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN0118WBS01

Tgt Ion: 63 Resp: 7143

Ion Ratio Lower Upper

63 100

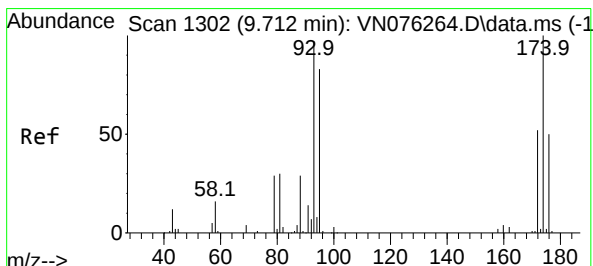
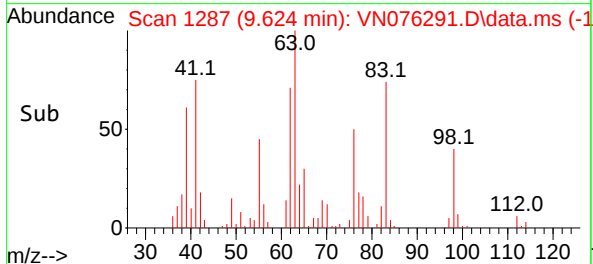
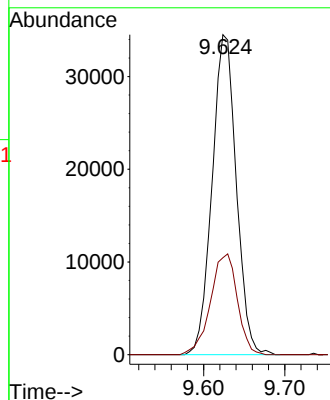
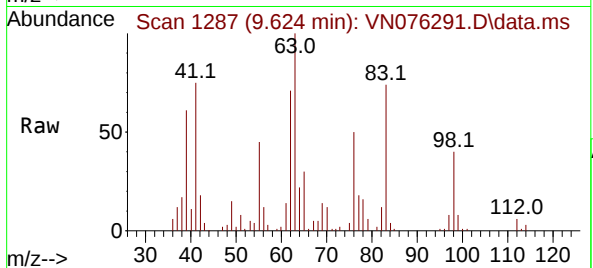
65 30.3 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#46

Dibromomethane

Concen: 18.776 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076291.D

Acq: 18 Jan 2023 11:58

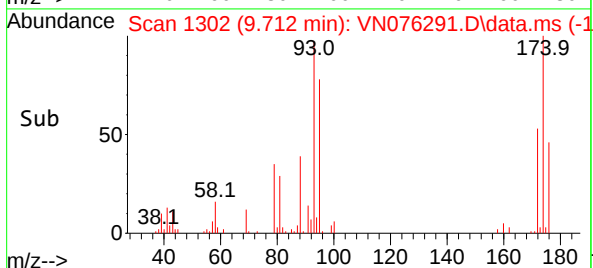
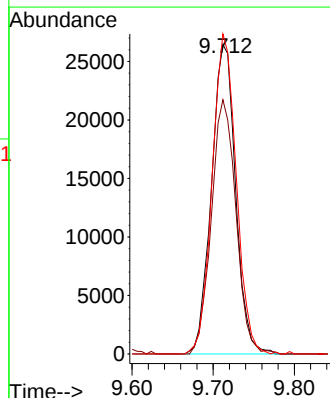
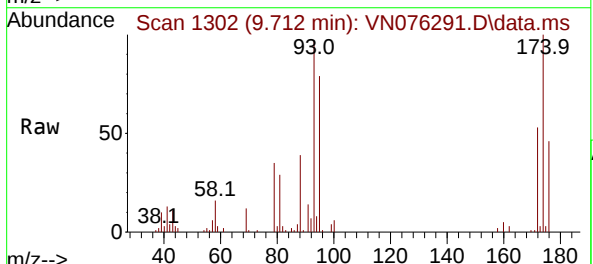
Tgt Ion: 93 Resp: 54645

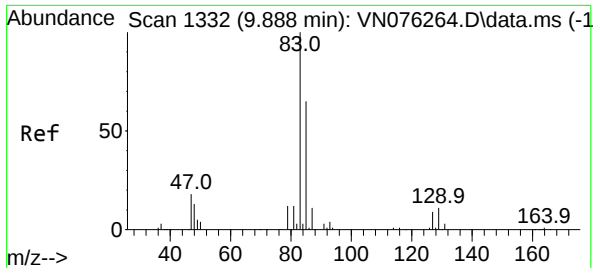
Ion Ratio Lower Upper

93 100

95 83.7 66.0 99.0

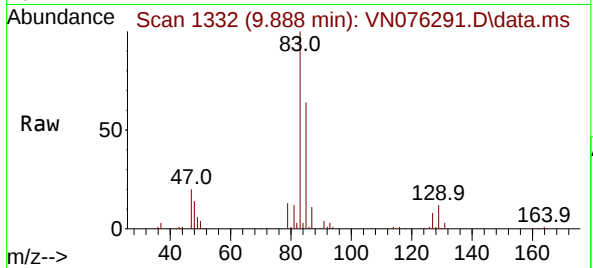
174 103.1 81.3 121.9





#47
Bromodichloromethane
Concen: 18.926 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

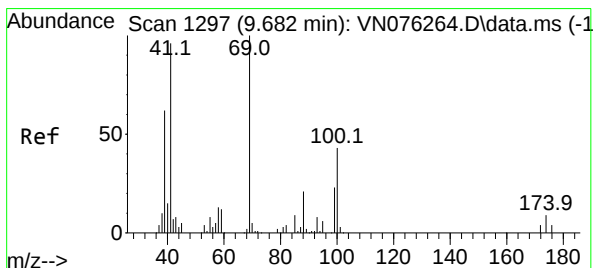
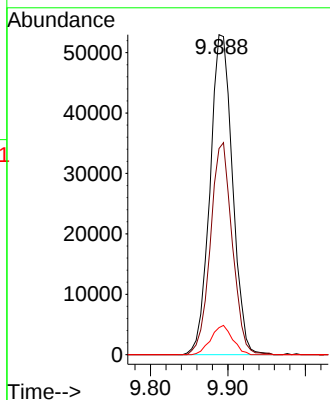
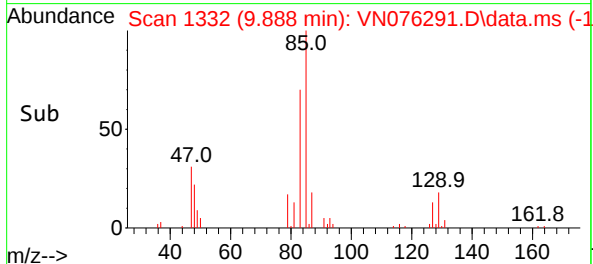
Instrument :
MSVOA_N
ClientSampleId :
VN0118WBS01



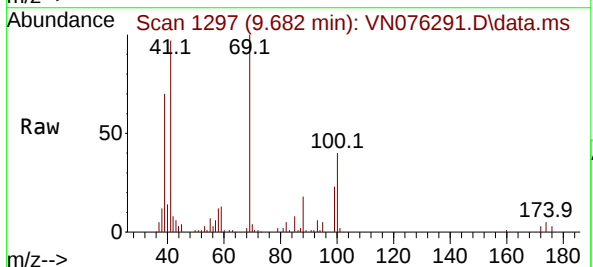
Tgt Ion: 83 Resp: 106830
Ion Ratio Lower Upper
83 100
85 64.4 52.1 78.1
127 8.4 7.4 11.0

Manual Integrations
APPROVED

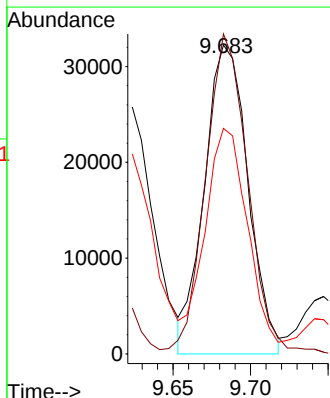
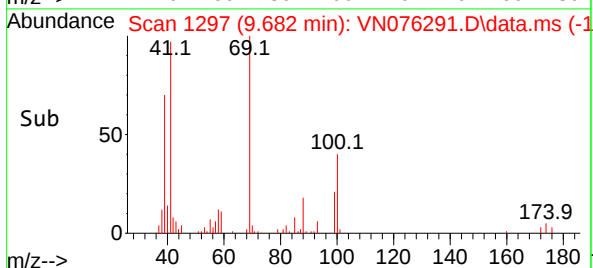
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

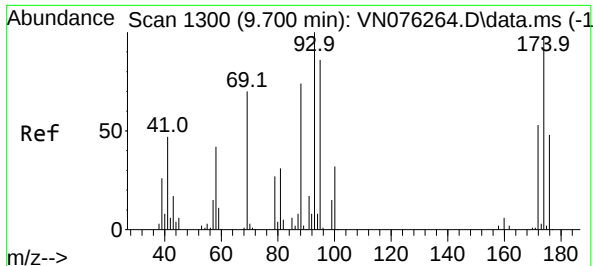


#48
Methyl methacrylate
Concen: 18.966 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58



Tgt Ion: 41 Resp: 63083
Ion Ratio Lower Upper
41 100
69 100.7 80.8 121.2
39 73.2 54.4 81.6





#49

1,4-Dioxane

Concen: 425.494 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN076291.D

Acq: 18 Jan 2023 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN0118WBS01

Tgt Ion: 88 Resp: 2986

Ion Ratio Lower Upper

88 100

43 25.5 18.1 27.1

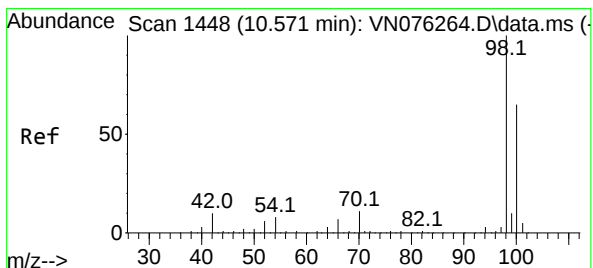
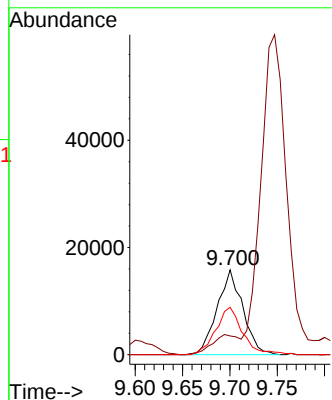
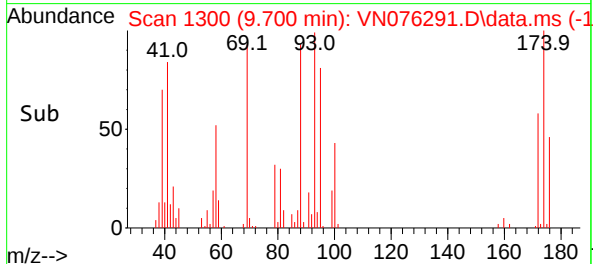
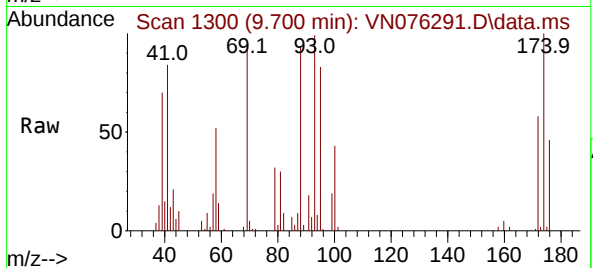
58 58.5 46.5 69.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#50

Toluene-d8

Concen: 51.095 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076291.D

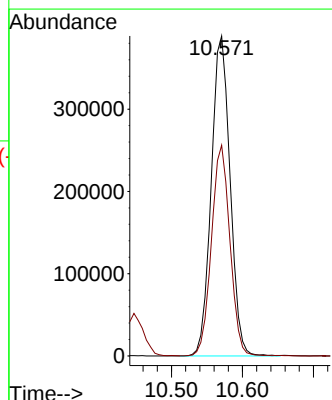
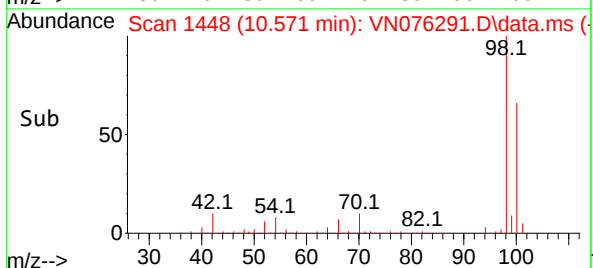
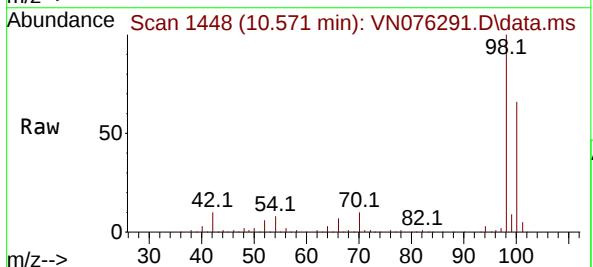
Acq: 18 Jan 2023 11:58

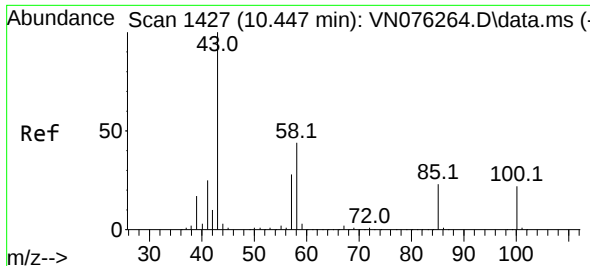
Tgt Ion: 98 Resp: 715031

Ion Ratio Lower Upper

98 100

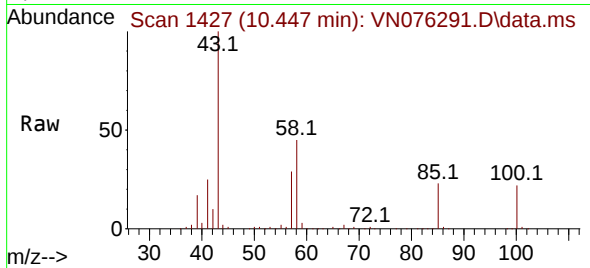
100 64.6 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 101.123 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

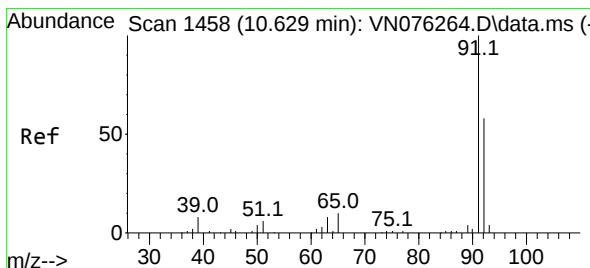
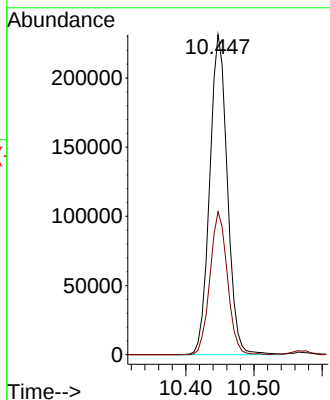
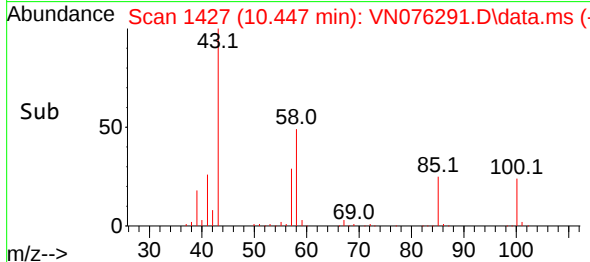
Instrument :
MSVOA_N
ClientSampleId :
VN0118WBS01



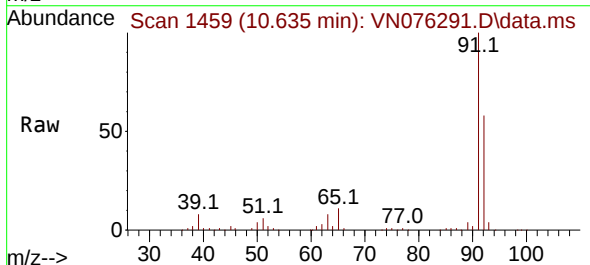
Tgt Ion: 43 Resp: 41708
Ion Ratio Lower Upper
43 100
58 44.2 35.1 52.7

Manual Integrations
APPROVED

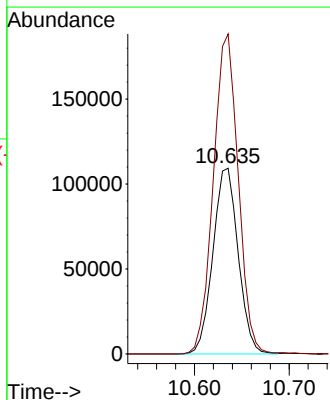
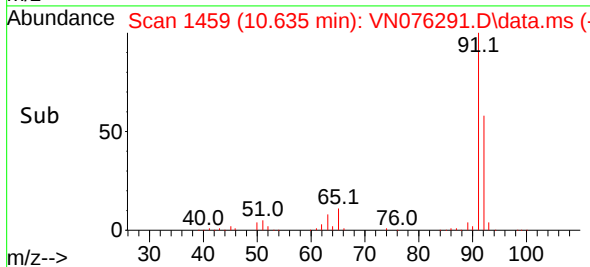
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#52
Toluene
Concen: 18.792 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58



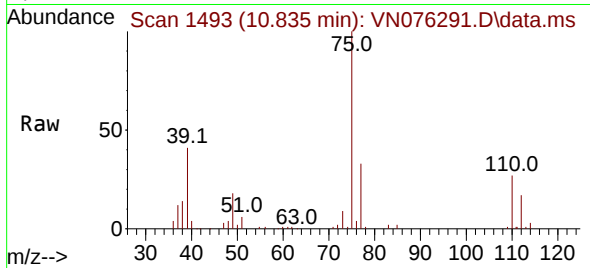
Tgt Ion: 92 Resp: 202336
Ion Ratio Lower Upper
92 100
91 170.4 136.6 205.0





#53
t-1,3-Dichloropropene
Concen: 19.812 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

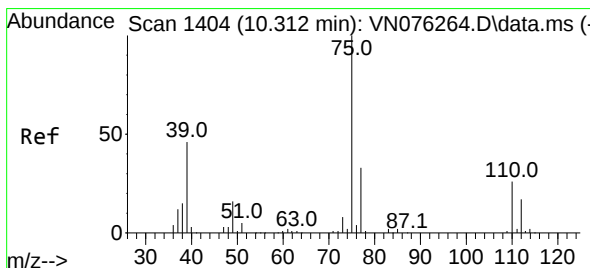
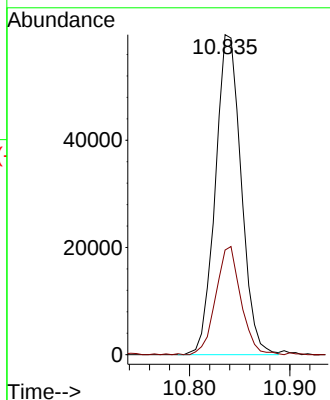
Instrument :
MSVOA_N
ClientSampleId :
VN0118WBS01



Tgt Ion: 75 Resp: 106610
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.6

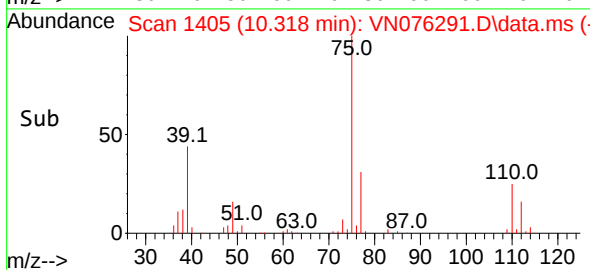
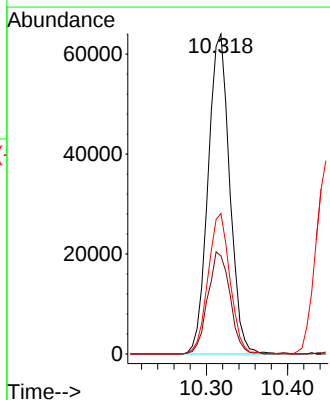
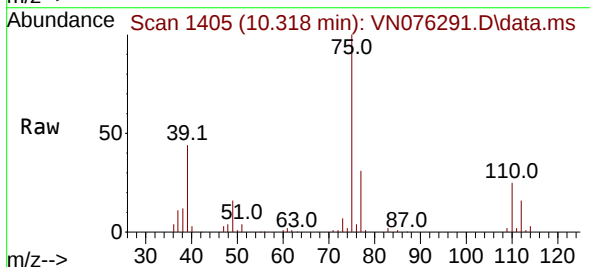
Manual Integrations
APPROVED

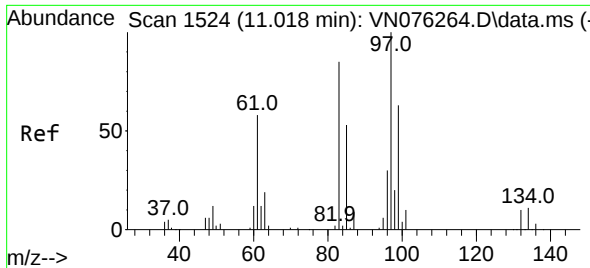
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#54
cis-1,3-Dichloropropene
Concen: 19.110 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

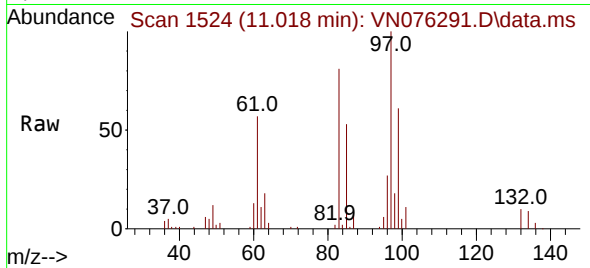
Tgt Ion: 75 Resp: 118304
Ion Ratio Lower Upper
75 100
77 30.7 26.5 39.7
39 43.9 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 19.352 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN0118WBS01

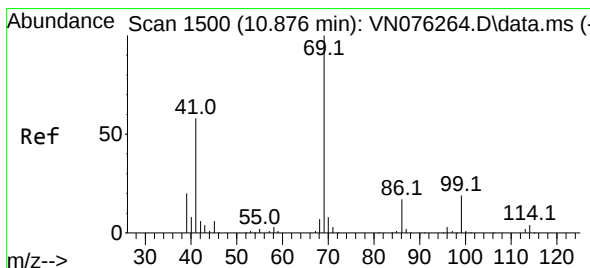
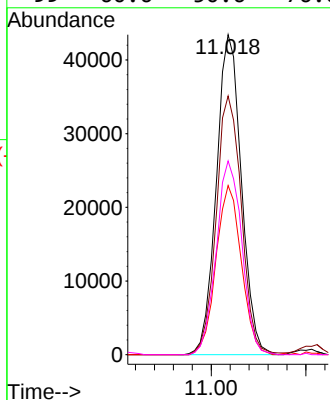
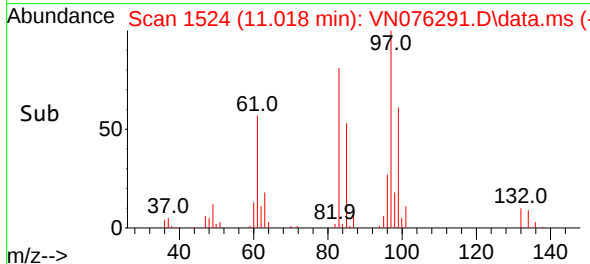


Tgt Ion: 97 Resp: 7964

Ion	Ratio	Lower	Upper
97	100		
83	80.8	67.8	101.6
85	52.9	42.3	63.5
99	60.6	50.6	76.0

Manual Integrations
APPROVED

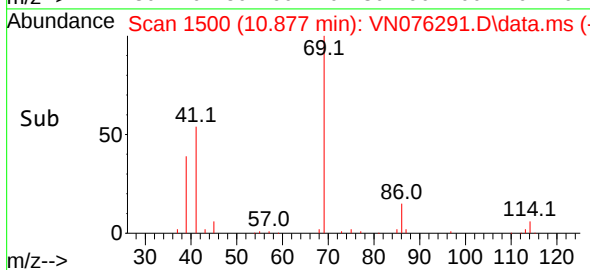
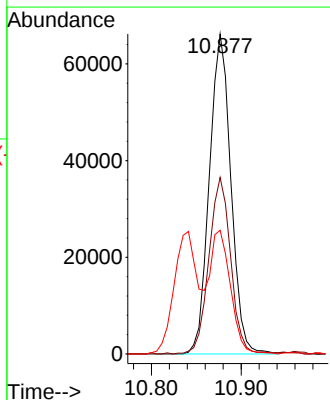
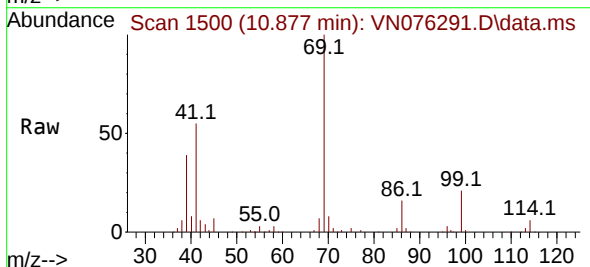
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

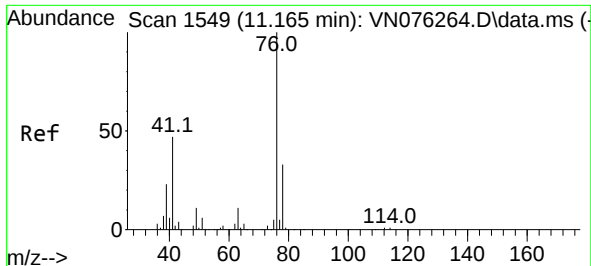


#56
Ethyl methacrylate
Concen: 20.781 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.001 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

Tgt Ion: 69 Resp: 110416

Ion	Ratio	Lower	Upper
69	100		
41	55.6	45.3	67.9
39	36.3	29.3	43.9





#57

1,3-Dichloropropane

Concen: 19.266 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076291.D

Acq: 18 Jan 2023 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN0118WBS01

Tgt Ion: 76 Resp: 12885

Ion Ratio Lower Upper

76 100

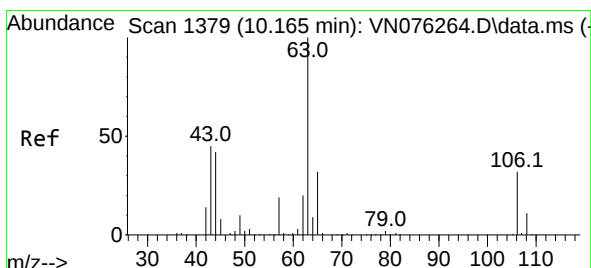
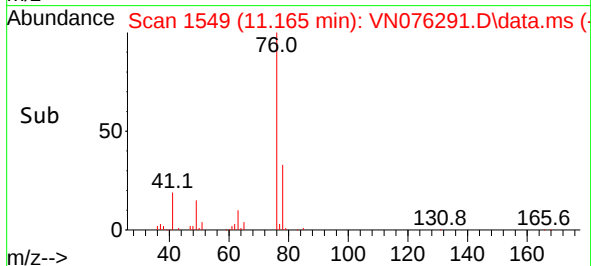
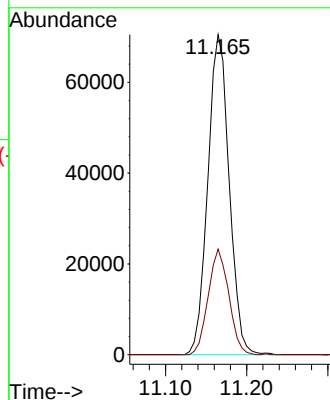
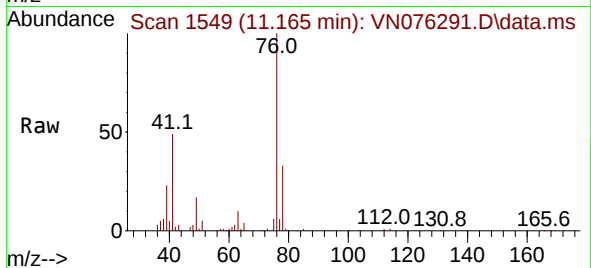
78 31.8 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#58

2-Chloroethyl Vinyl ether

Concen: 93.190 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076291.D

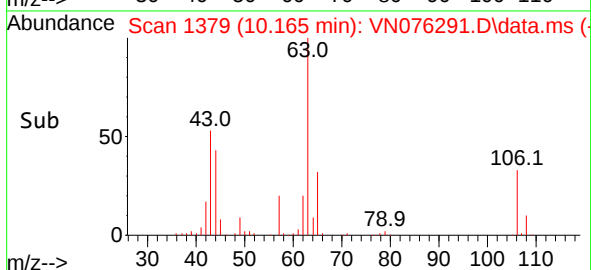
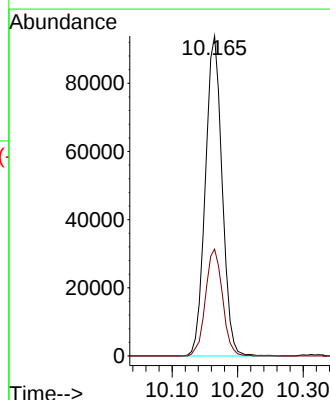
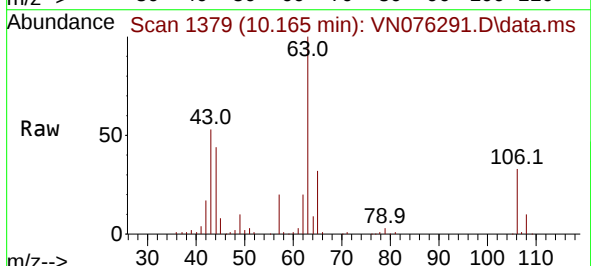
Acq: 18 Jan 2023 11:58

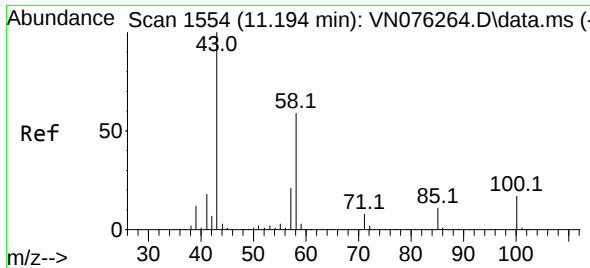
Tgt Ion: 63 Resp: 167154

Ion Ratio Lower Upper

63 100

106 33.9 26.2 39.2





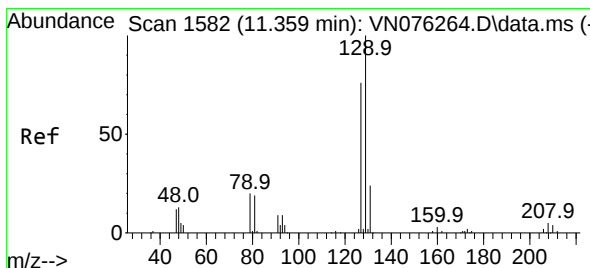
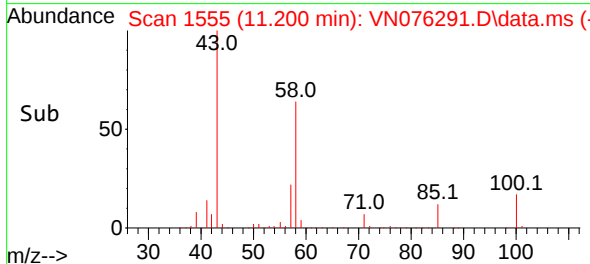
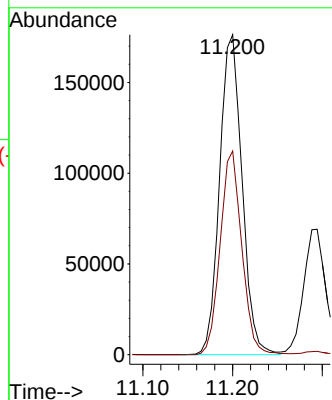
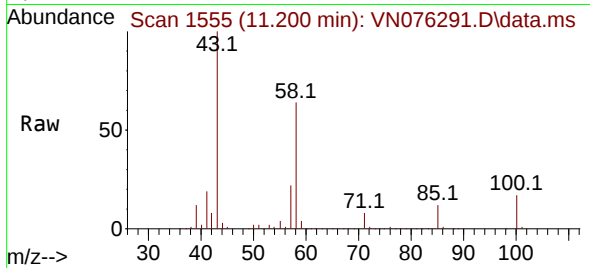
#59
2-Hexanone
Concen: 102.530 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN0118WBS01

Tgt Ion: 43 Resp: 306449
Ion Ratio Lower Upper
43 100
58 61.3 30.1 90.3

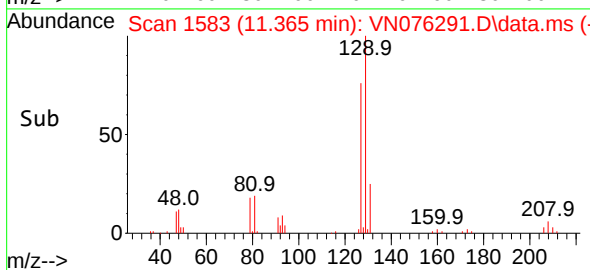
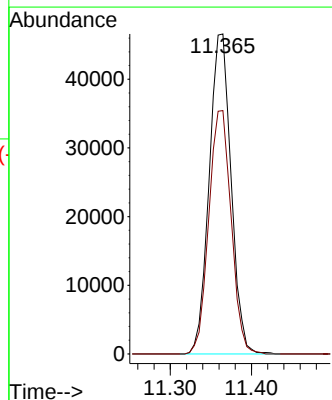
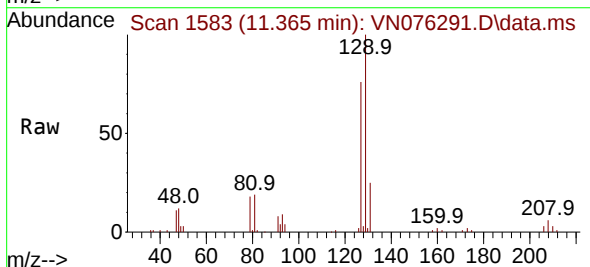
Manual Integrations
APPROVED

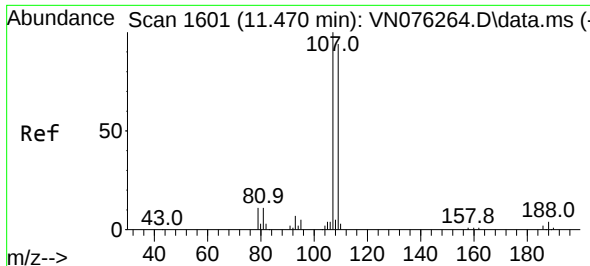
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#60
Dibromochloromethane
Concen: 20.147 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

Tgt Ion:129 Resp: 87283
Ion Ratio Lower Upper
129 100
127 77.7 38.7 116.1





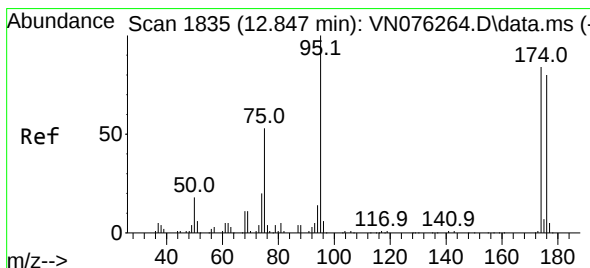
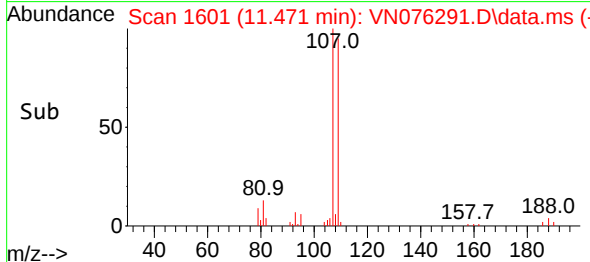
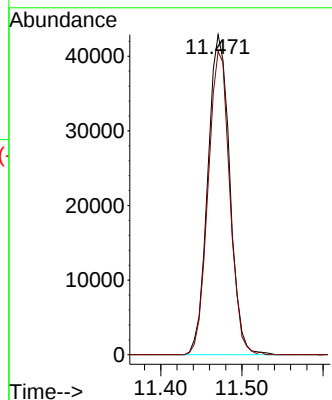
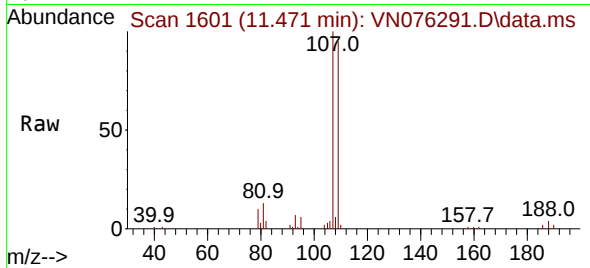
#61
1,2-Dibromoethane
Concen: 19.588 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.001 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN0118WBS01

Tgt Ion:107 Resp: 8046
Ion Ratio Lower Upper
107 100
109 93.3 76.0 114.0

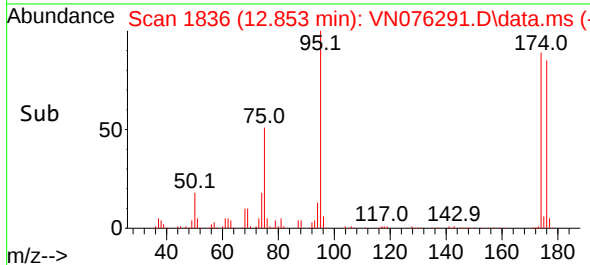
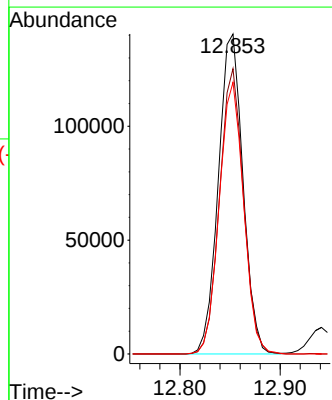
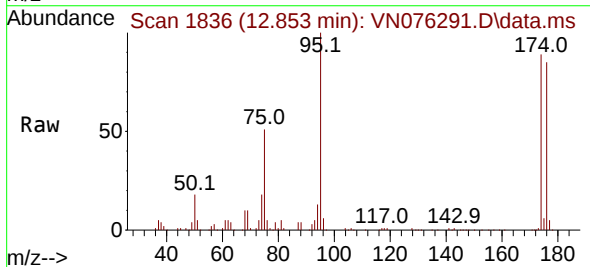
Manual Integrations
APPROVED

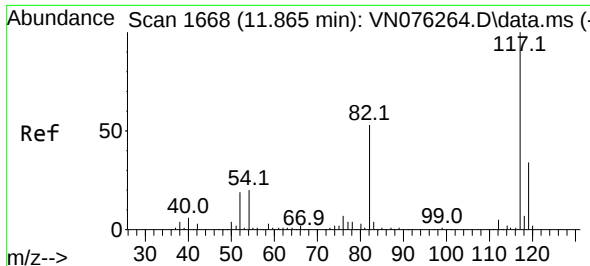
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#62
4-Bromofluorobenzene
Concen: 52.333 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

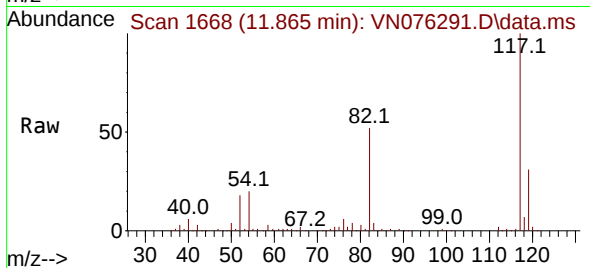
Tgt Ion: 95 Resp: 239081
Ion Ratio Lower Upper
95 100
174 86.7 0.0 174.6
176 83.9 0.0 167.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

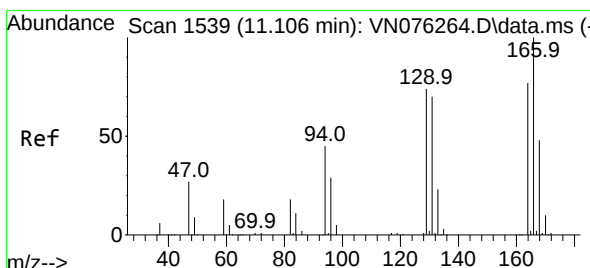
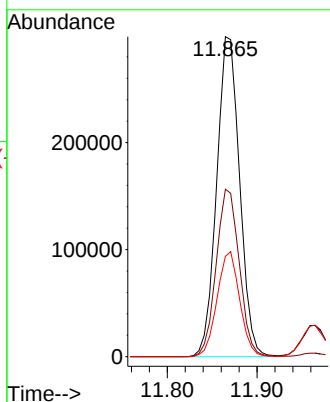
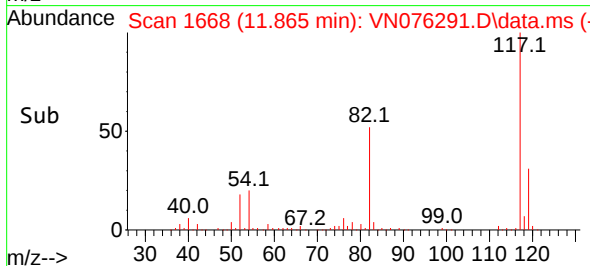
Instrument :
MSVOA_N
ClientSampleId :
VN0118WBS01



Tgt Ion:117 Resp: 531852
Ion Ratio Lower Upper
117 100
82 52.3 42.2 63.2
119 31.4 26.9 40.3

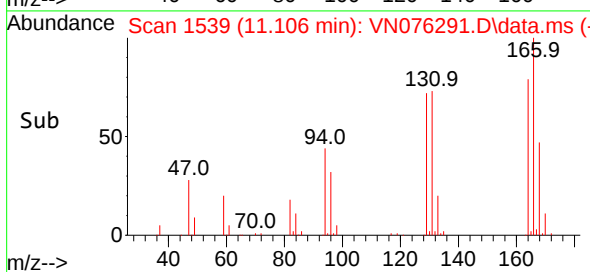
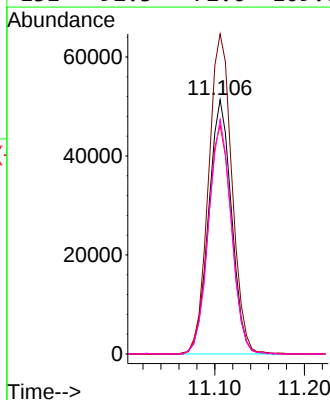
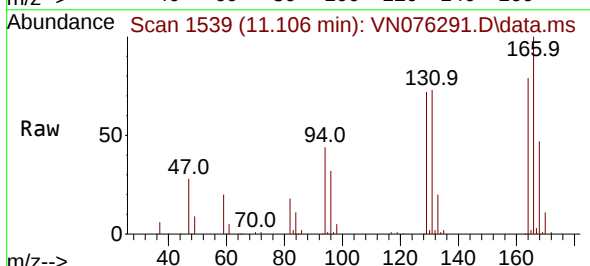
Manual Integrations
APPROVED

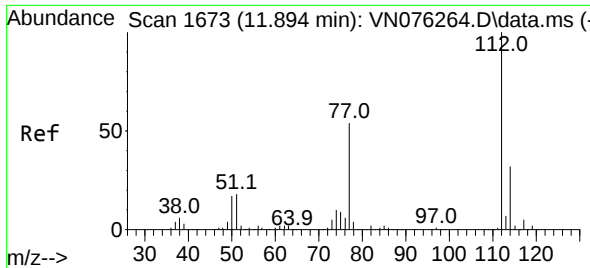
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#64
Tetrachloroethene
Concen: 18.949 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

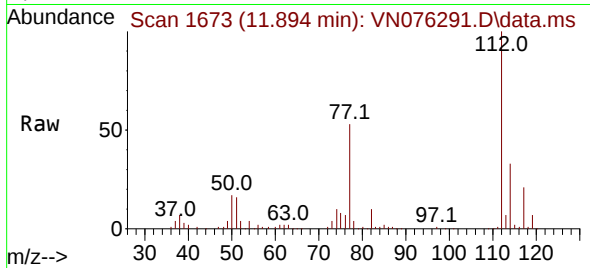
Tgt Ion:164 Resp: 90883
Ion Ratio Lower Upper
164 100
166 125.9 104.0 156.0
129 90.0 76.6 114.8
131 92.3 72.6 109.0





#65
Chlorobenzene
Concen: 19.470 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

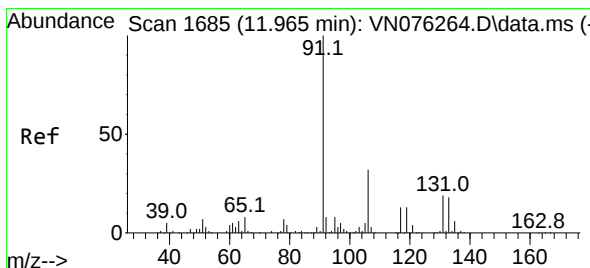
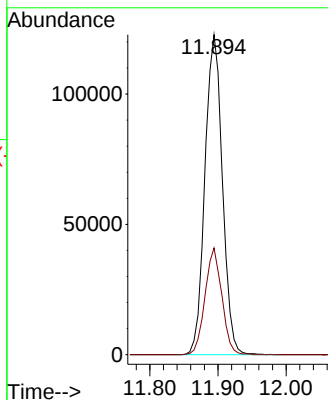
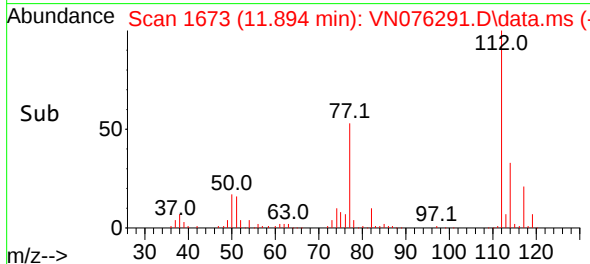
Instrument :
MSVOA_N
ClientSampleId :
VN0118WBS01



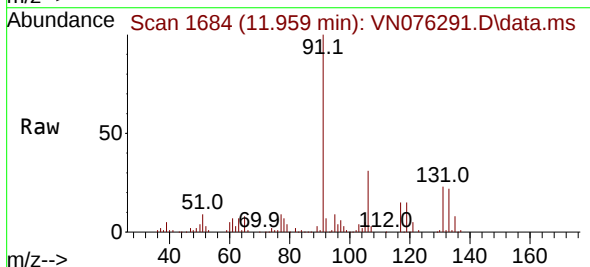
Tgt Ion:112 Resp: 218900
Ion Ratio Lower Upper
112 100
114 33.4 25.3 37.9

Manual Integrations
APPROVED

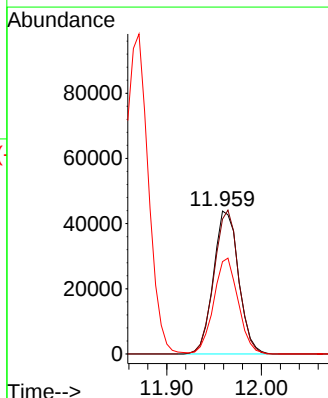
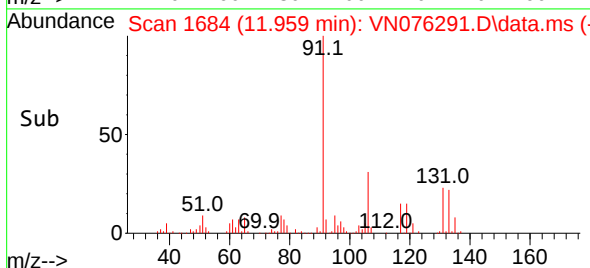
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

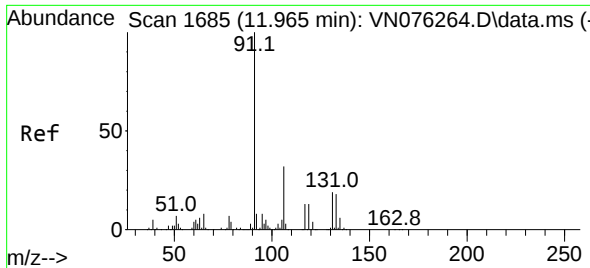


#66
1,1,1,2-Tetrachloroethane
Concen: 19.367 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58



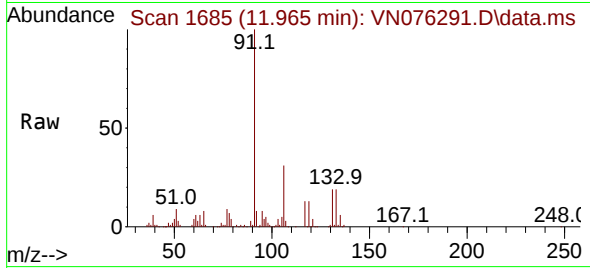
Tgt Ion:131 Resp: 81014
Ion Ratio Lower Upper
131 100
133 98.4 47.4 142.2
119 65.3 32.3 96.8





#67
Ethyl Benzene
Concen: 19.948 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

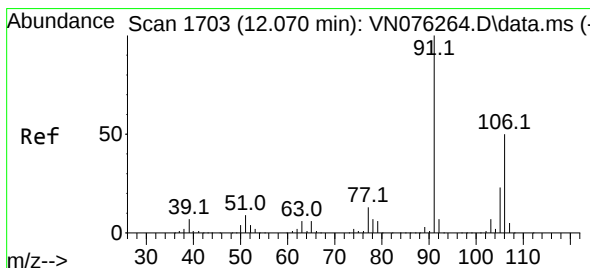
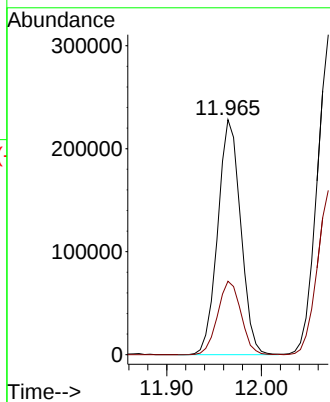
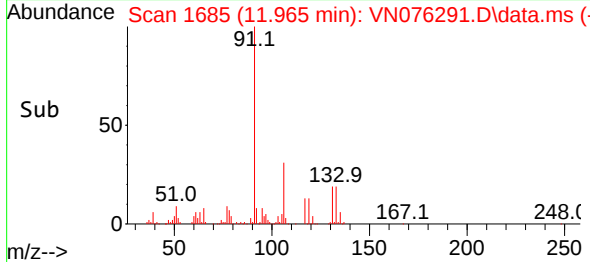
Instrument :
MSVOA_N
ClientSampleId :
VN0118WBS01



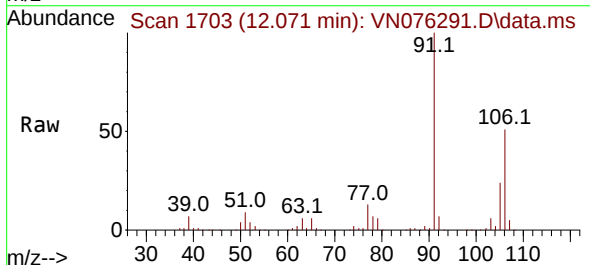
Tgt Ion: 91 Resp: 383824
Ion Ratio Lower Upper
91 100
106 31.3 25.5 38.3

Manual Integrations
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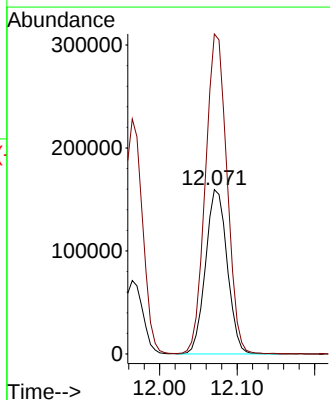
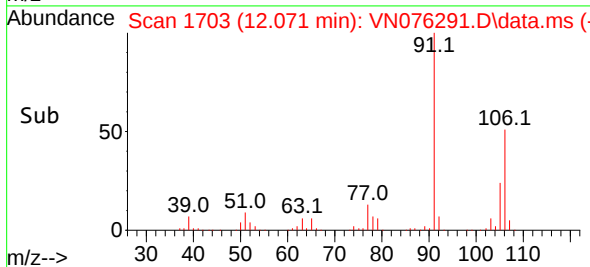
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

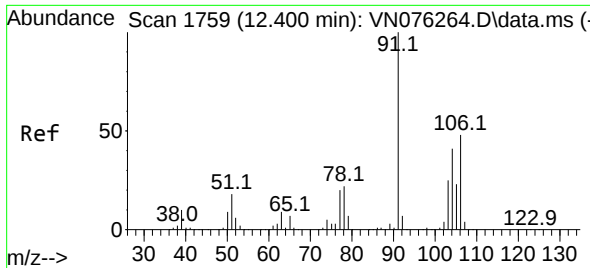


#68
m/p-Xylenes
Concen: 40.171 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58



Tgt Ion:106 Resp: 309942
Ion Ratio Lower Upper
106 100
91 193.5 157.5 236.3





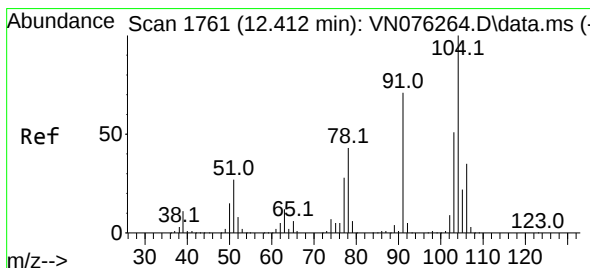
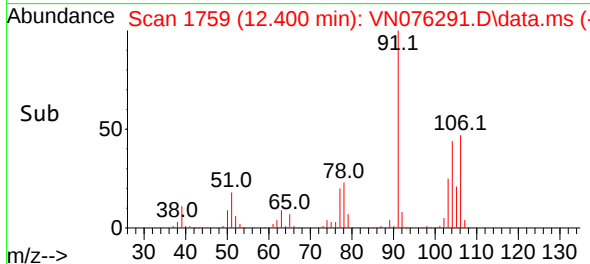
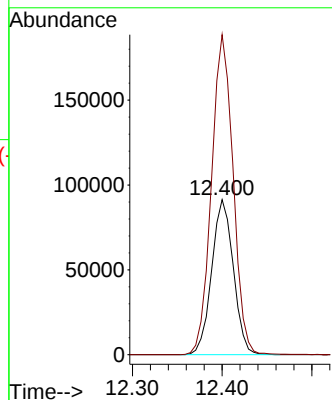
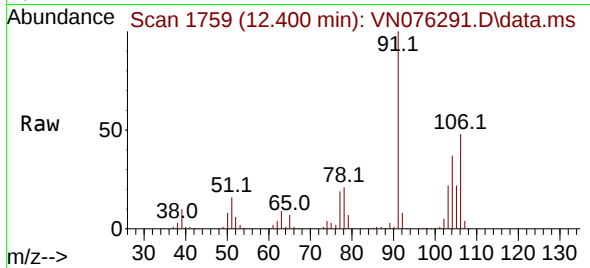
#69
o-Xylene
Concen: 20.174 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN0118WBS01

Tgt Ion:106 Resp: 152862
Ion Ratio Lower Upper
106 100
91 206.5 103.2 309.4

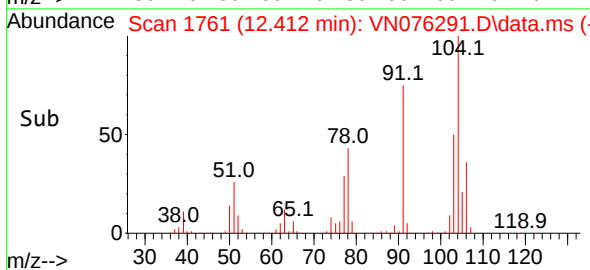
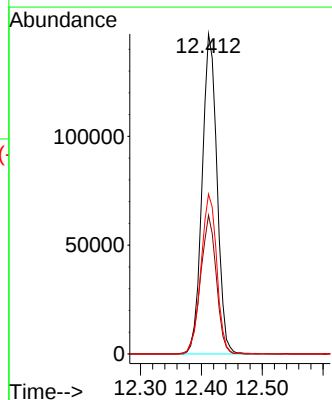
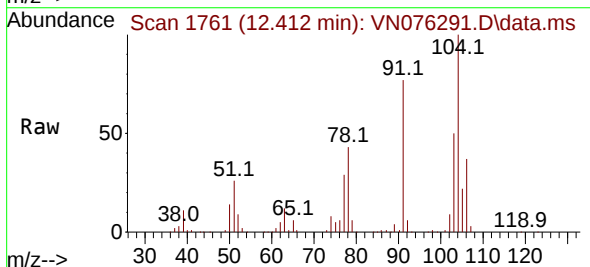
Manual Integrations
APPROVED

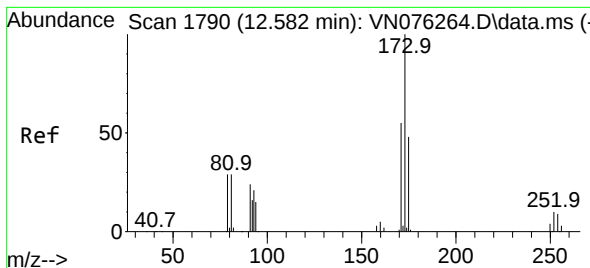
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#70
Styrene
Concen: 20.637 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

Tgt Ion:104 Resp: 249675
Ion Ratio Lower Upper
104 100
78 45.9 37.4 56.0
103 52.8 44.2 66.2





#71

Bromoform

Concen: 20.964 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VN076291.D

Acq: 18 Jan 2023 11:58

Instrument :

MSVOA_N

ClientSampleId :

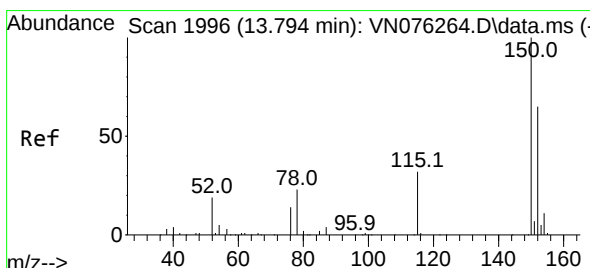
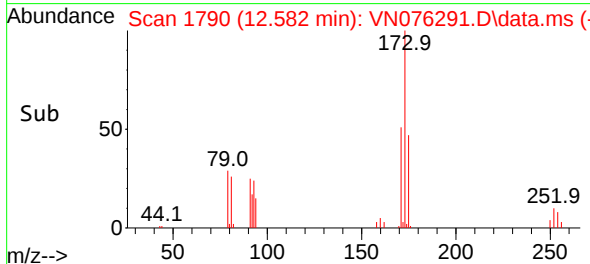
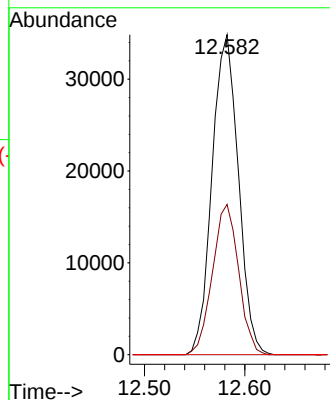
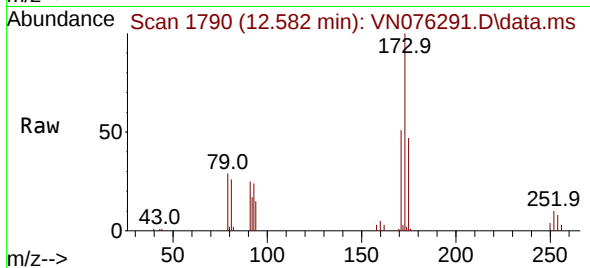
VN0118WBS01

Tgt Ion:173 Resp: 63328
 Ion Ratio Lower Upper
 173 100
 175 46.7 24.1 72.4
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

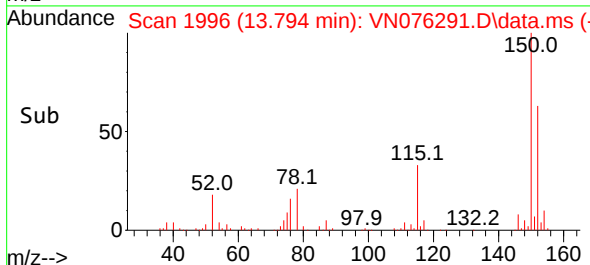
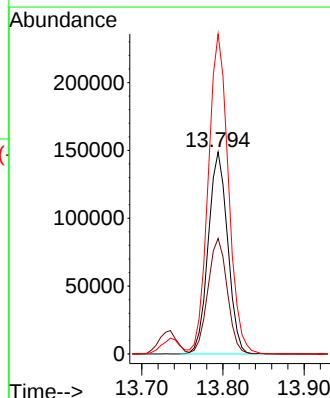
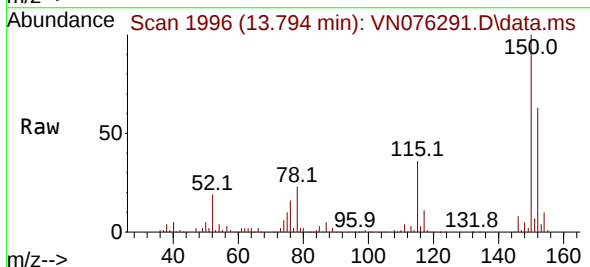
RT: 13.794 min Scan# 1996

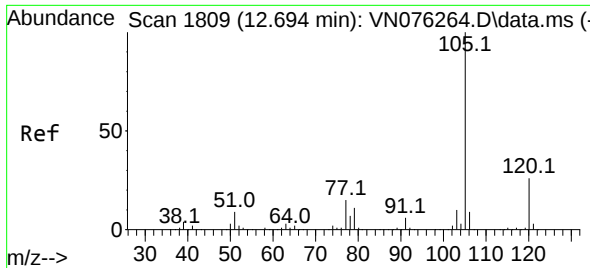
Delta R.T. 0.000 min

Lab File: VN076291.D

Acq: 18 Jan 2023 11:58

Tgt Ion:152 Resp: 246605
 Ion Ratio Lower Upper
 152 100
 115 57.4 29.6 88.9
 150 164.6 0.0 351.4





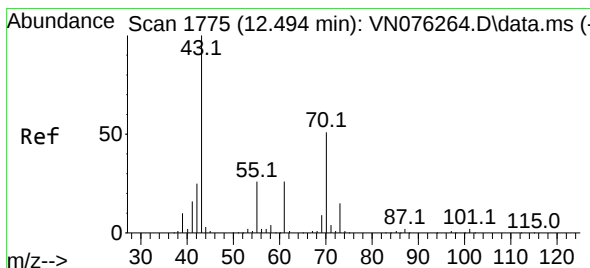
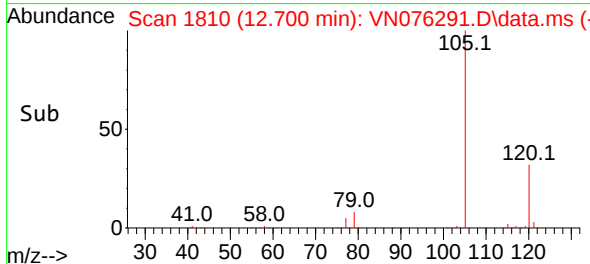
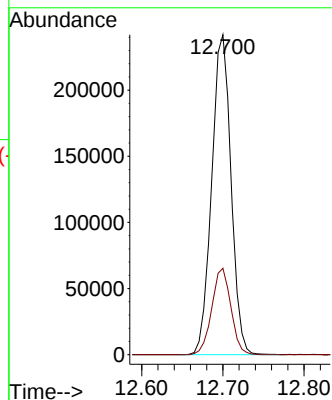
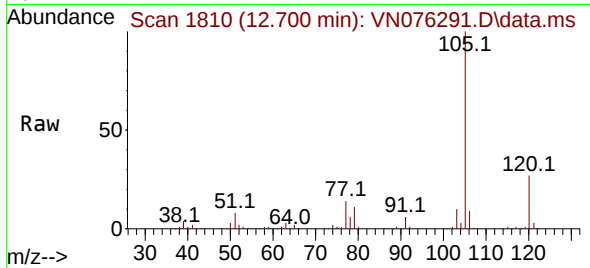
#73
Isopropylbenzene
Concen: 20.928 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN0118WBS01

Tgt Ion:105 Resp: 399258
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1

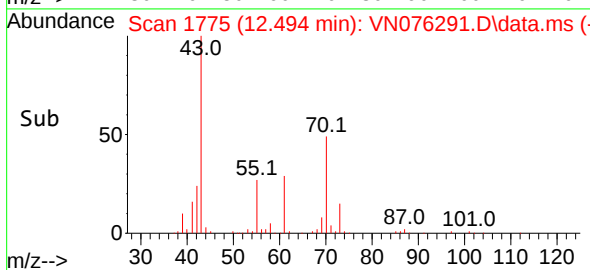
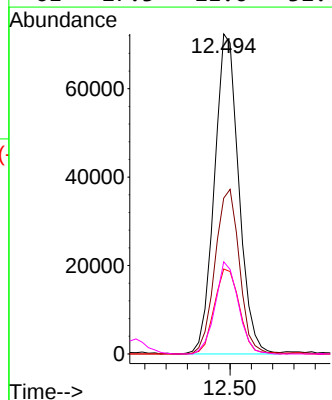
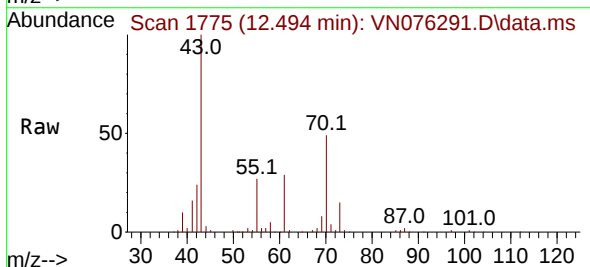
Manual Integrations
APPROVED

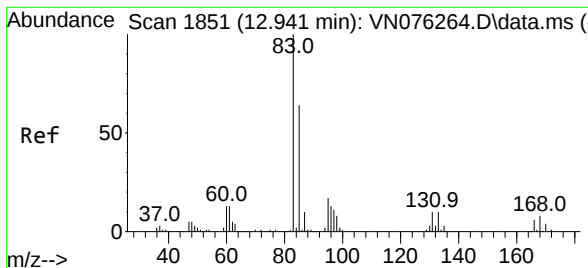
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#74
N-ethyl acetate
Concen: 20.944 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

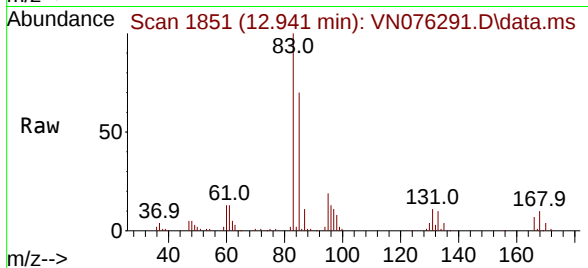
Tgt Ion: 43 Resp: 114930
Ion Ratio Lower Upper
43 100
70 51.5 41.2 61.8
55 27.4 21.0 31.6
61 27.3 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 20.102 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

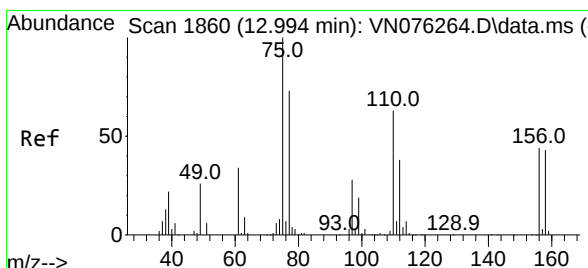
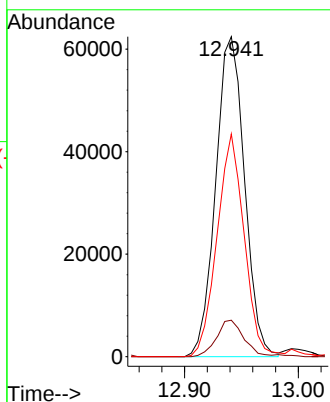
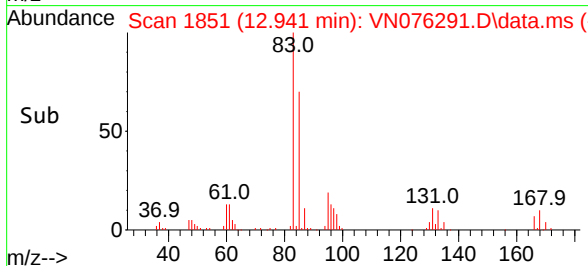
Instrument :
MSVOA_N
ClientSampleId :
VN0118WBS01



Tgt Ion: 83 Resp: 110244
Ion Ratio Lower Upper
83 100
131 11.1 5.5 16.4
85 65.3 31.7 95.1

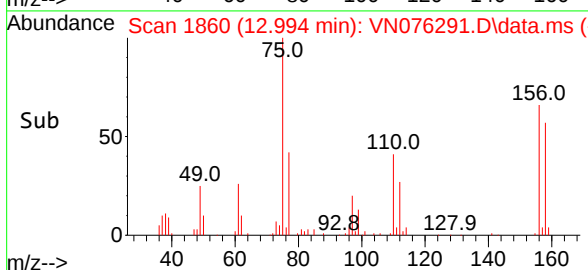
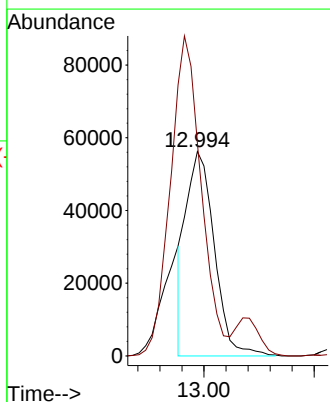
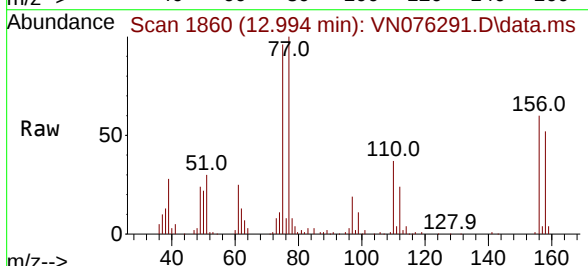
Manual Integrations
APPROVED

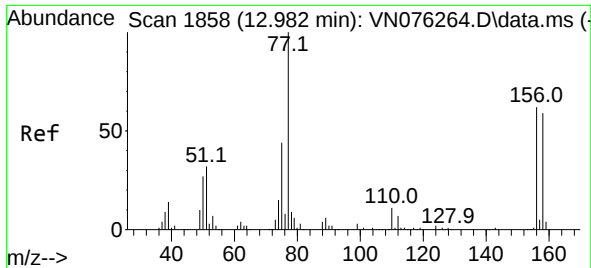
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#76
1,2,3-Trichloropropane
Concen: 21.830 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

Tgt Ion: 75 Resp: 100471
Ion Ratio Lower Upper
75 100
77 171.3 75.2 225.6





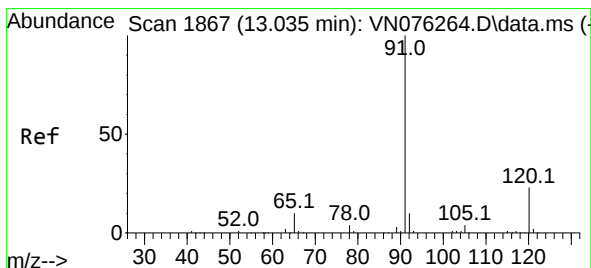
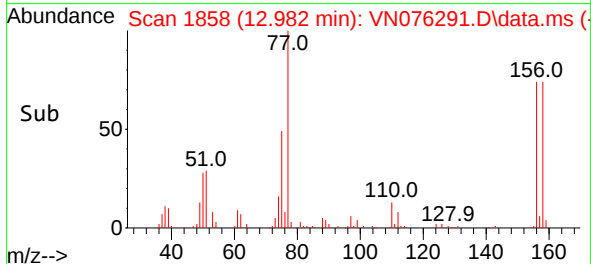
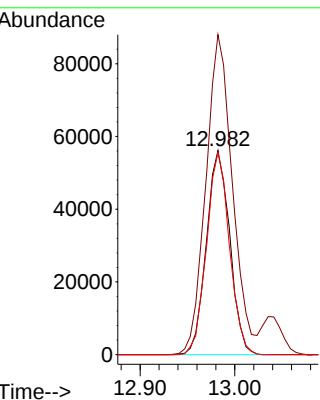
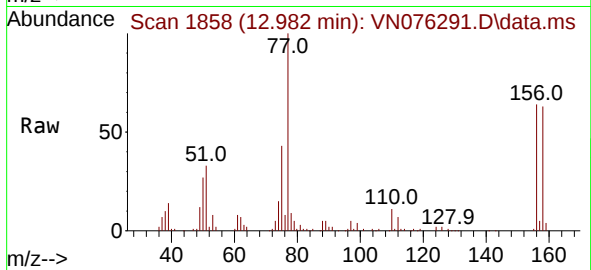
#77
Bromobenzene
Concen: 21.315 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN0118WBS01

Tgt Ion:156 Resp: 9650
Ion Ratio Lower Upper
156 100
77 178.3 93.4 280.2
158 97.2 48.4 145.2

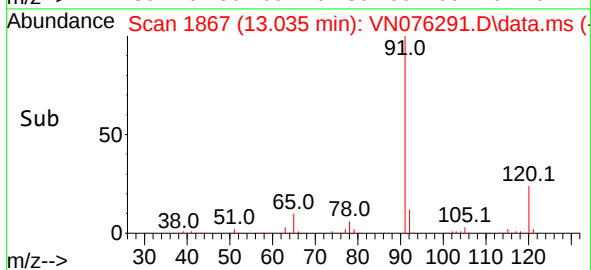
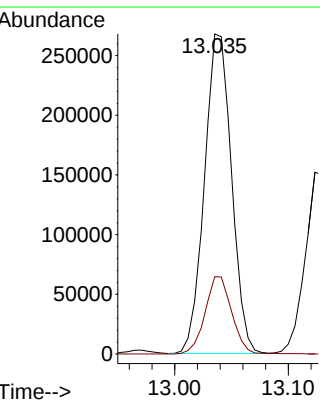
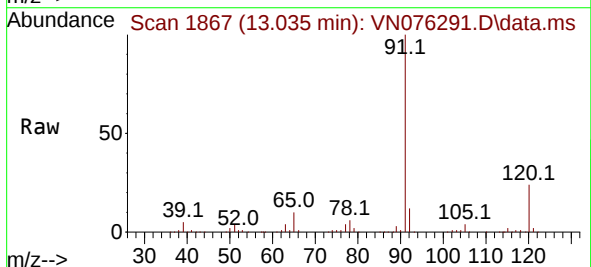
Manual Integrations
APPROVED

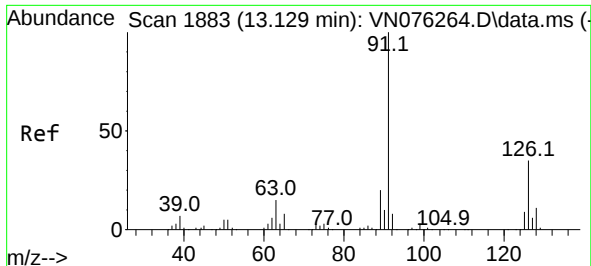
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#78
n-propylbenzene
Concen: 20.621 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

Tgt Ion: 91 Resp: 443878
Ion Ratio Lower Upper
91 100
120 23.8 11.9 35.5





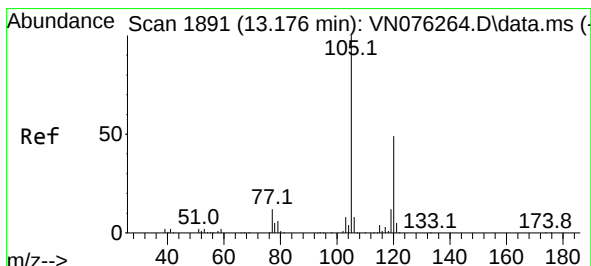
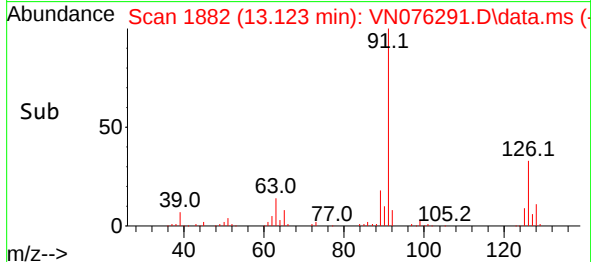
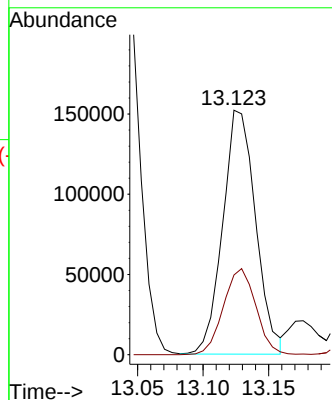
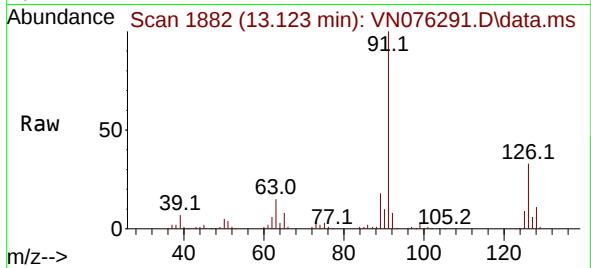
#79
2-Chlorotoluene
Concen: 20.115 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN0118WBS01

Tgt Ion: 91 Resp: 265700
Ion Ratio Lower Upper
91 100
126 34.9 17.4 52.2

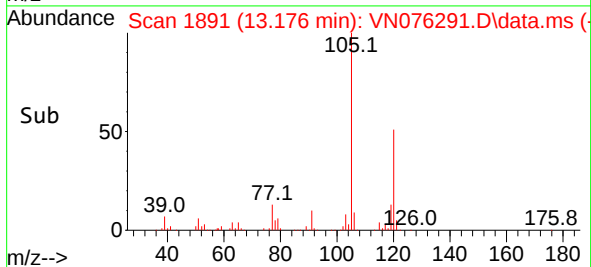
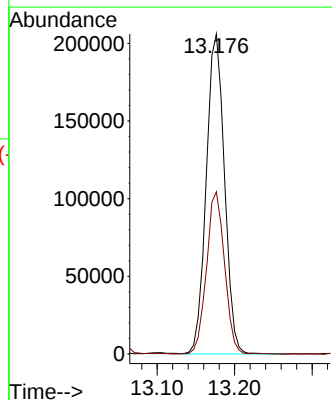
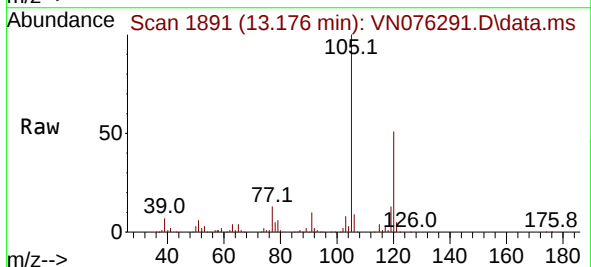
Manual Integrations
APPROVED

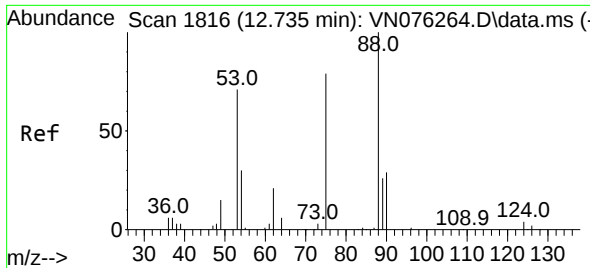
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.051 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

Tgt Ion:105 Resp: 336437
Ion Ratio Lower Upper
105 100
120 50.1 25.0 75.0





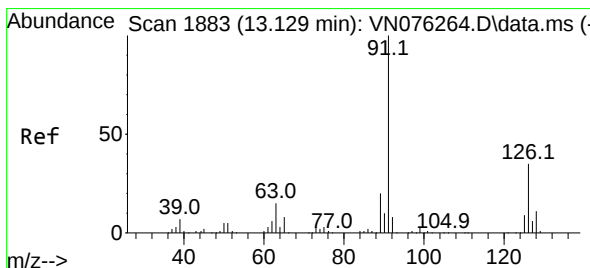
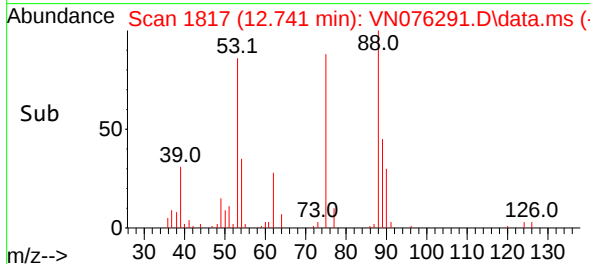
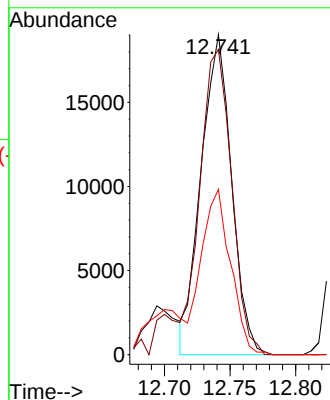
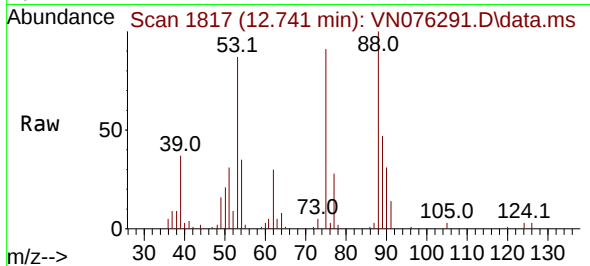
#81
trans-1,4-Dichloro-2-butene
Concen: 20.743 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN0118WBS01

Tgt Ion: 75 Resp: 30749
Ion Ratio Lower Upper
75 100
53 109.9 75.8 113.8
89 49.3 37.0 55.6

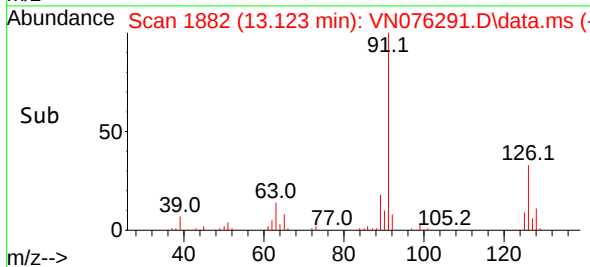
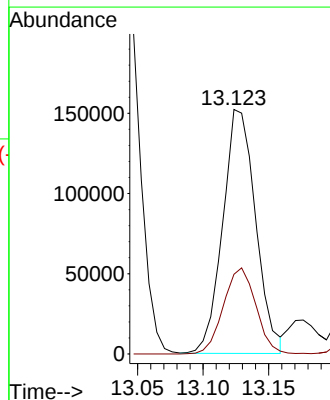
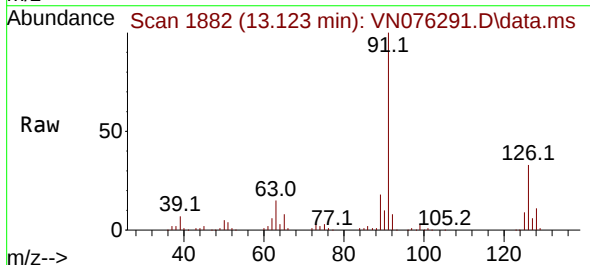
Manual Integrations
APPROVED

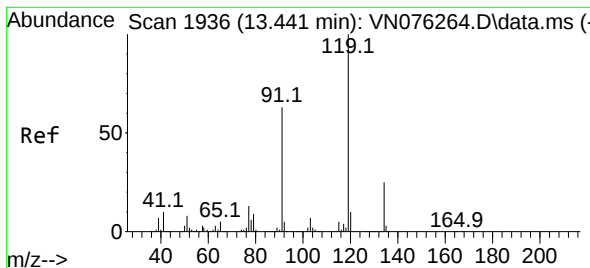
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#82
4-Chlorotoluene
Concen: 20.115 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

Tgt Ion: 91 Resp: 265700
Ion Ratio Lower Upper
91 100
126 34.9 17.4 52.2





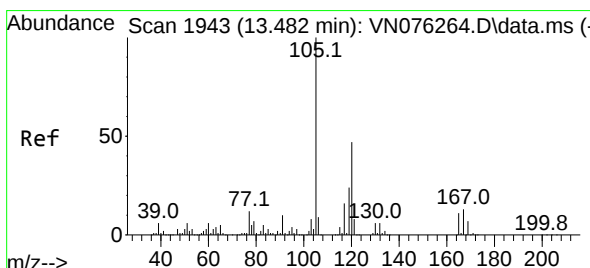
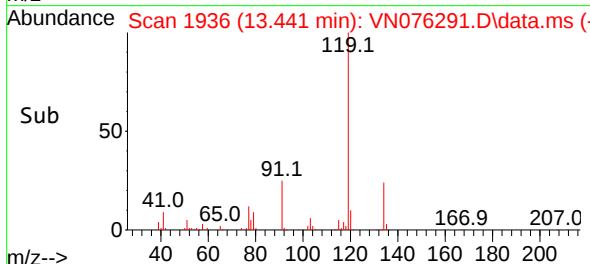
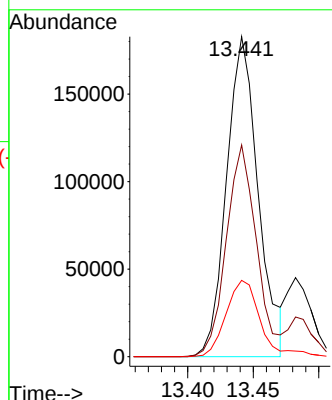
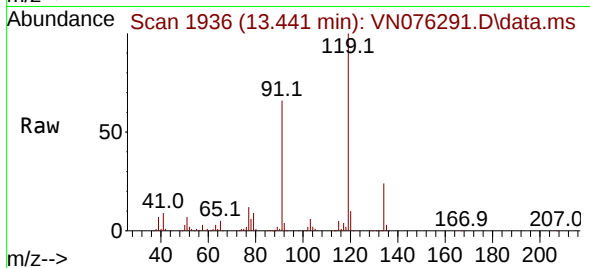
#83
tert-Butylbenzene
Concen: 21.593 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN0118WBS01

Tgt Ion:119 Resp: 306934
Ion Ratio Lower Upper
119 100
91 63.3 32.2 96.6
134 25.8 13.6 40.8

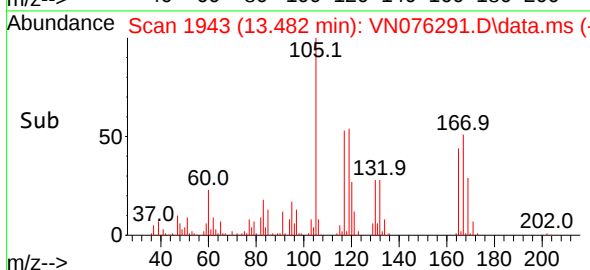
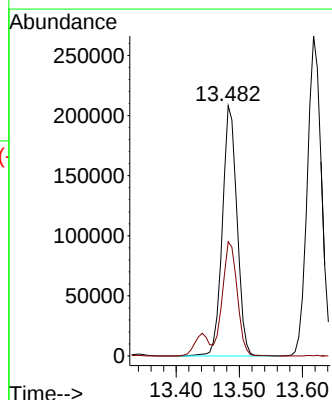
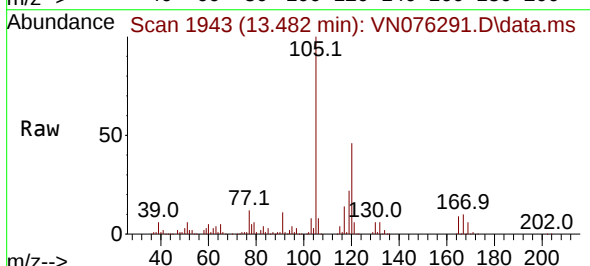
Manual Integrations
APPROVED

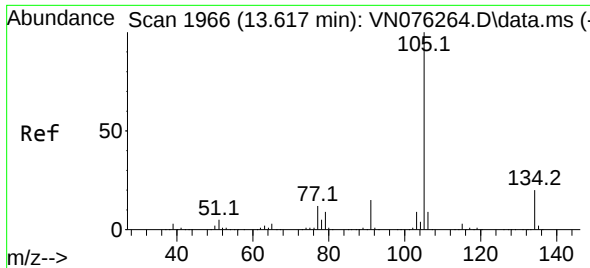
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.948 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

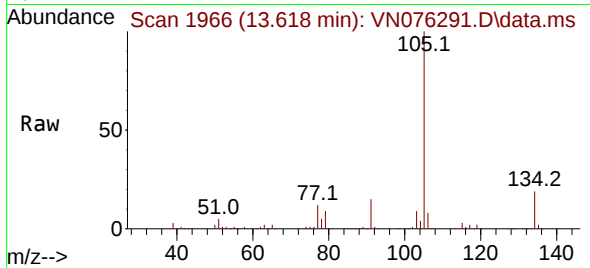
Tgt Ion:105 Resp: 335712
Ion Ratio Lower Upper
105 100
120 45.6 22.9 68.5





#85
 sec-Butylbenzene
 Concen: 21.071 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.001 min
 Lab File: VN076291.D
 Acq: 18 Jan 2023 11:58

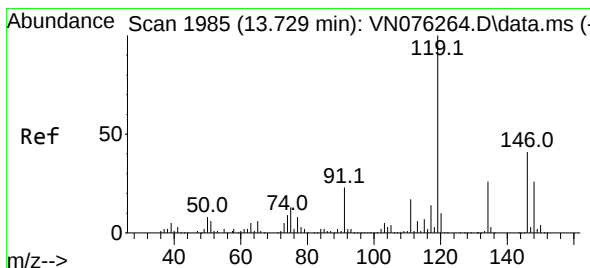
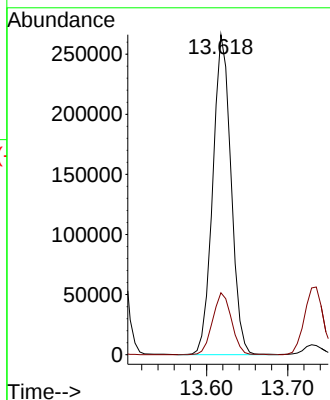
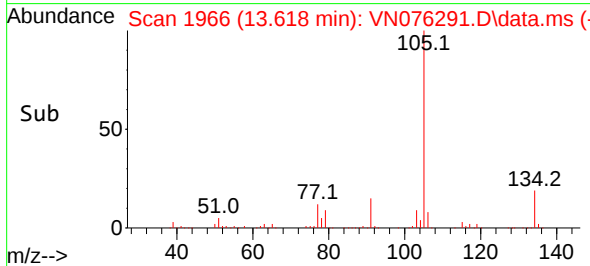
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0118WBS01



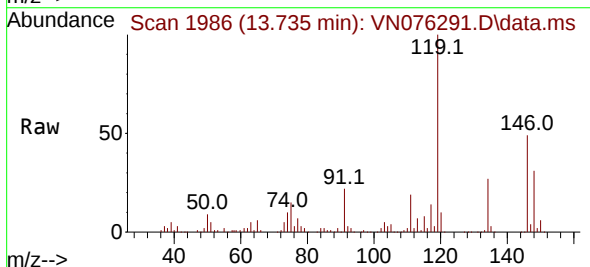
Tgt Ion:105 Resp: 41560
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.3 30.8

Manual Integrations
 APPROVED

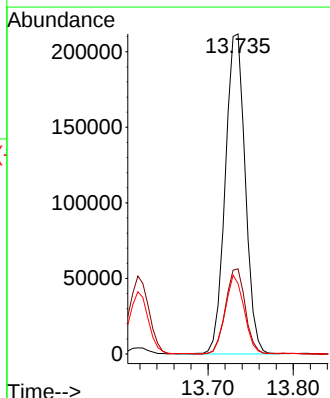
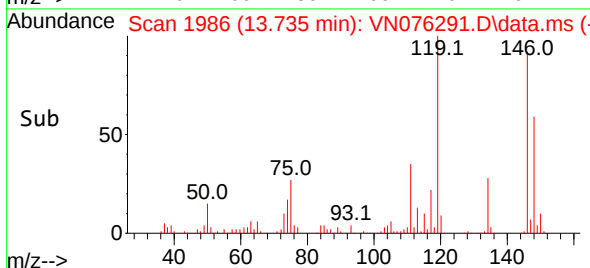
Reviewed By :John Carlone 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023

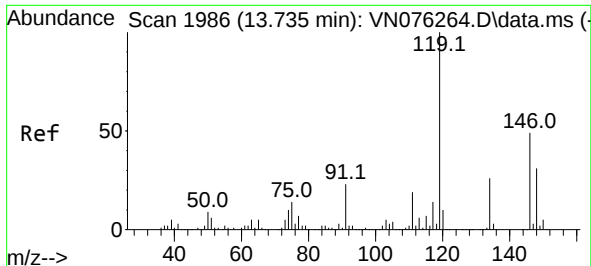


#86
 p-Isopropyltoluene
 Concen: 21.217 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN076291.D
 Acq: 18 Jan 2023 11:58



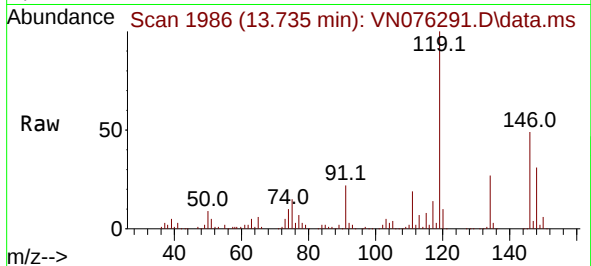
Tgt Ion:119 Resp: 344122
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.6
 91 23.5 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 19.220 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

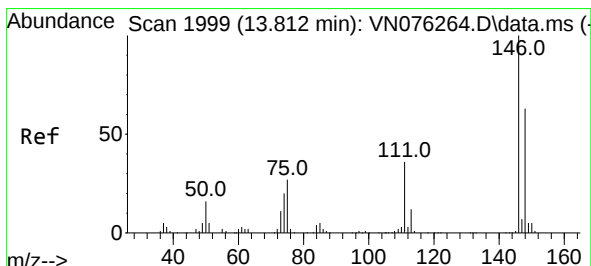
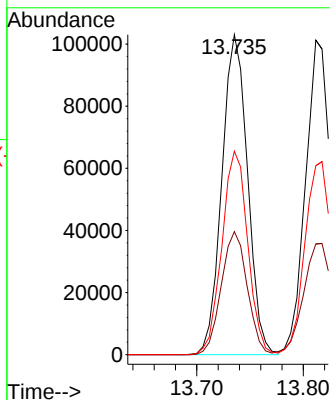
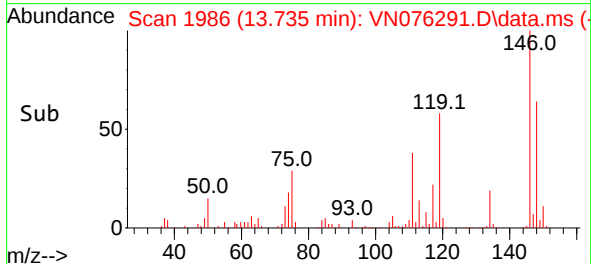
Instrument :
MSVOA_N
ClientSampleId :
VN0118WBS01



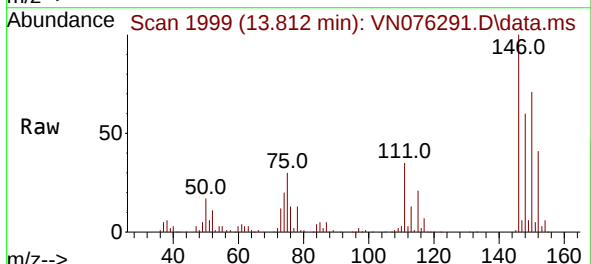
Tgt Ion:146 Resp: 17282
Ion Ratio Lower Upper
146 100
111 38.8 19.9 59.7
148 64.0 31.6 94.8

Manual Integrations
APPROVED

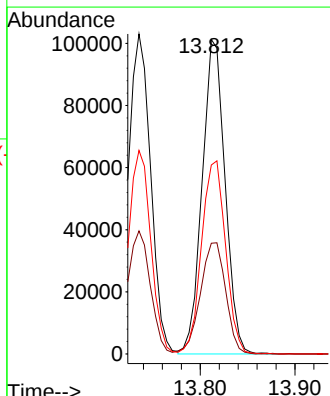
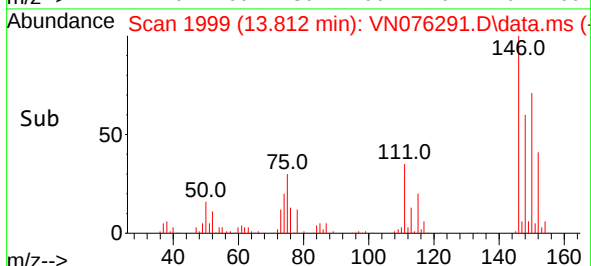
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

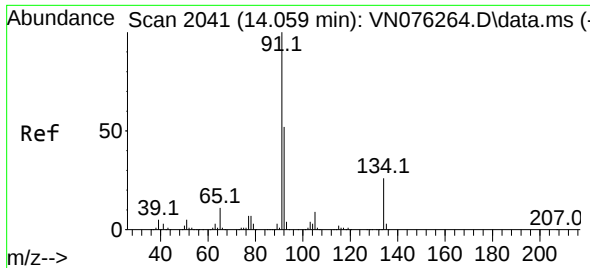


#88
1,4-Dichlorobenzene
Concen: 19.961 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58



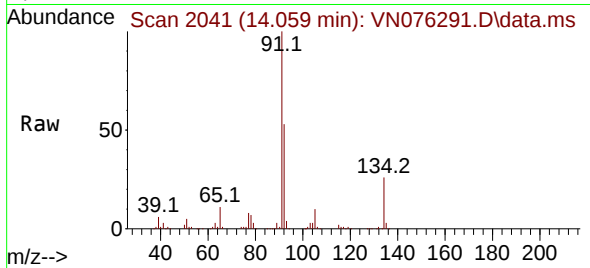
Tgt Ion:146 Resp: 170217
Ion Ratio Lower Upper
146 100
111 39.1 19.1 57.5
148 64.5 31.9 95.9





#89
n-Butylbenzene
Concen: 20.032 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

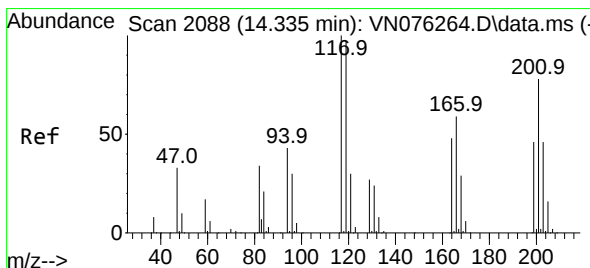
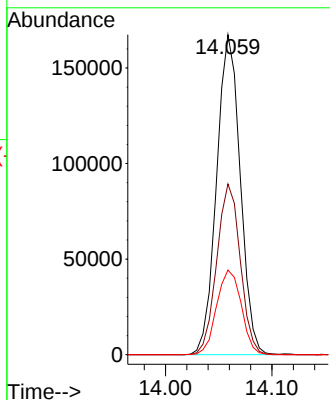
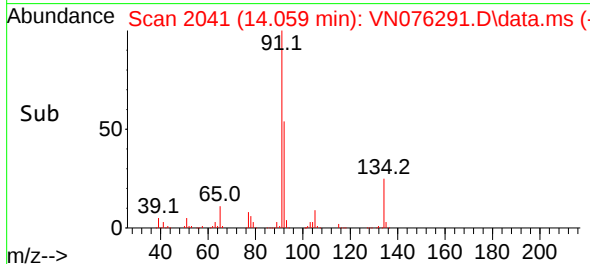
Instrument :
MSVOA_N
ClientSampleId :
VN0118WBS01



Tgt Ion: 91 Resp: 257918
Ion Ratio Lower Upper
91 100
92 53.1 26.3 78.9
134 27.5 13.2 39.5

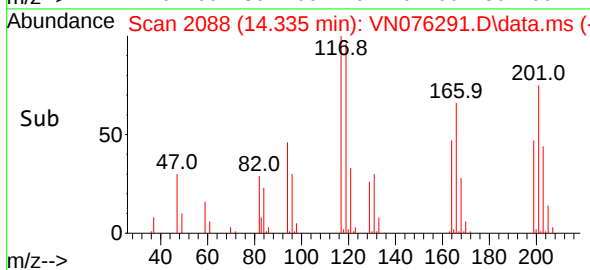
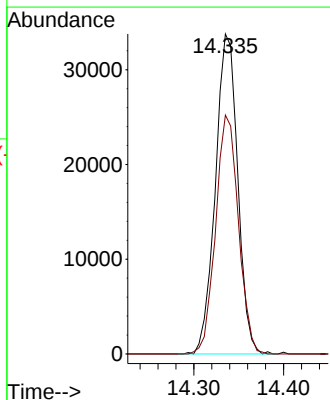
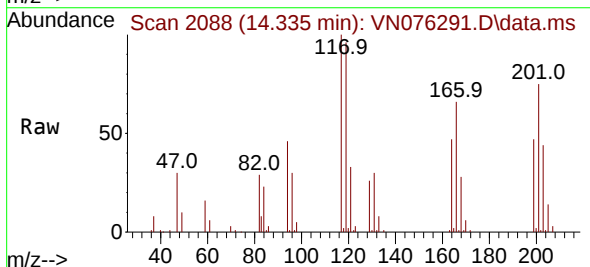
Manual Integrations
APPROVED

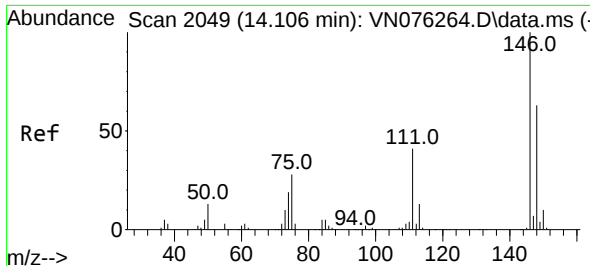
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#90
Hexachloroethane
Concen: 20.837 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

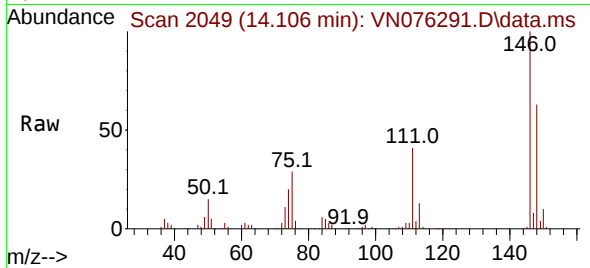
Tgt Ion:117 Resp: 58331
Ion Ratio Lower Upper
117 100
201 76.2 37.3 111.9





#91
1,2-Dichlorobenzene
Concen: 18.798 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

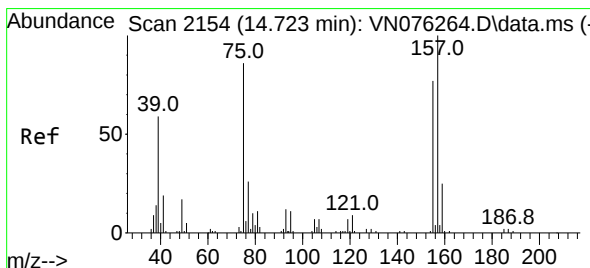
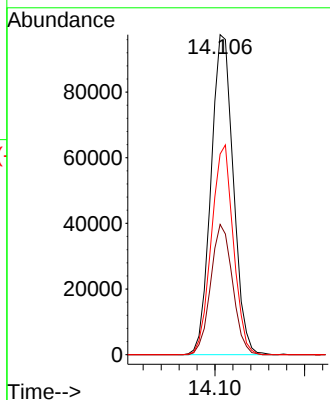
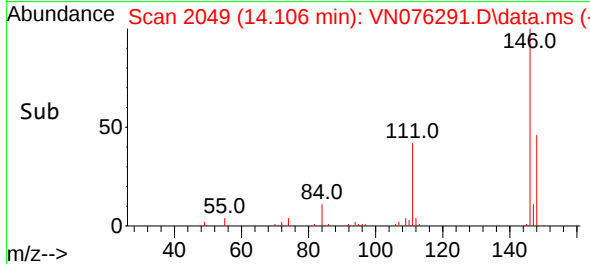
Instrument :
MSVOA_N
ClientSampleId :
VN0118WBS01



Tgt Ion:146 Resp: 16835
Ion Ratio Lower Upper
146 100
111 39.9 20.3 60.8
148 64.5 31.8 95.4

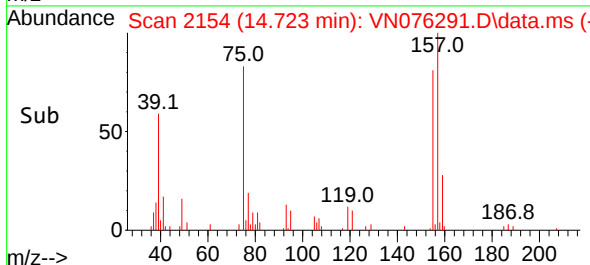
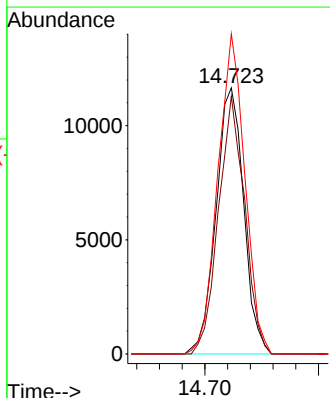
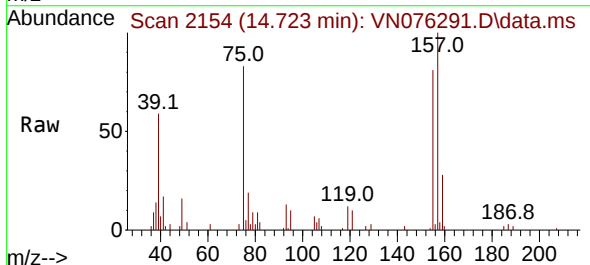
Manual Integrations
APPROVED

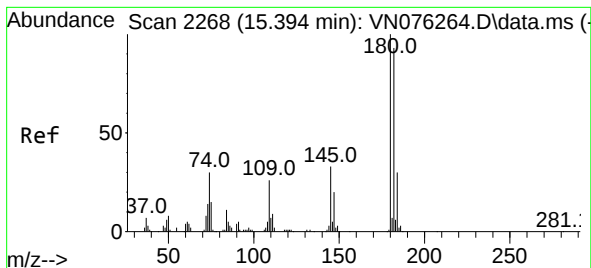
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.651 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076291.D
Acq: 18 Jan 2023 11:58

Tgt Ion: 75 Resp: 19687
Ion Ratio Lower Upper
75 100
155 91.8 45.0 135.0
157 117.6 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 18.526 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN076291.D

Acq: 18 Jan 2023 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN0118WBS01

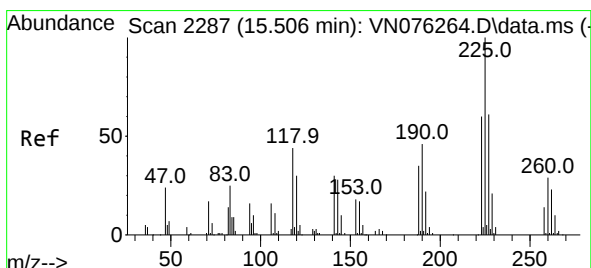
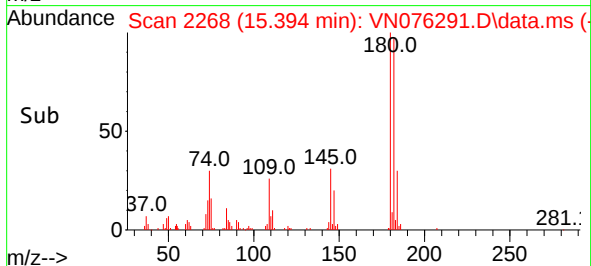
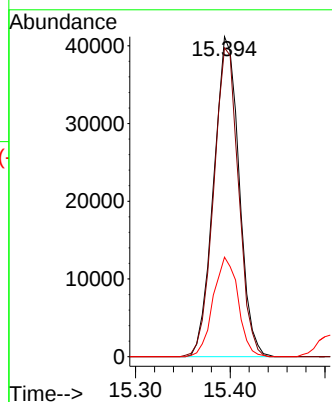
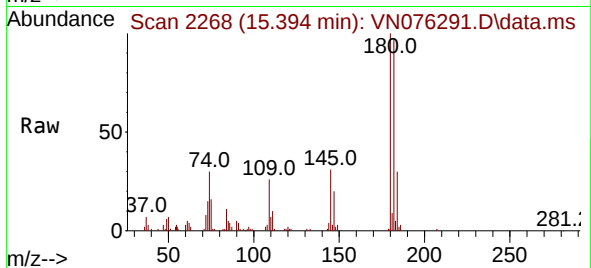
Tgt Ion:180	Resp:	76519
Ion Ratio	Lower	Upper
180	100	
182	94.5	47.0 141.2
145	30.6	15.2 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#94

Hexachlorobutadiene

Concen: 17.824 ug/l

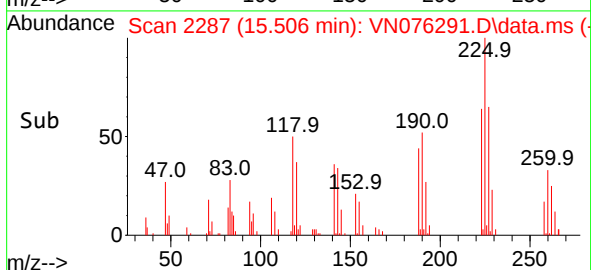
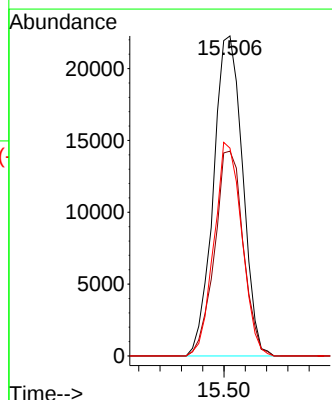
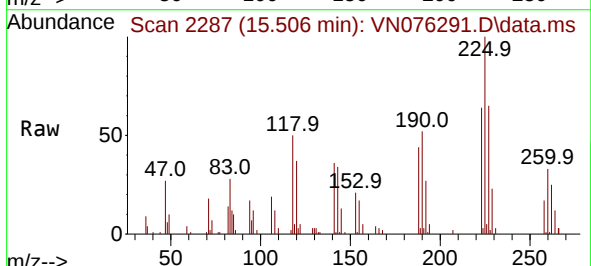
RT: 15.506 min Scan# 2287

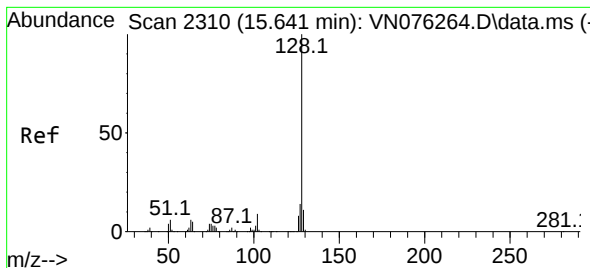
Delta R.T. -0.000 min

Lab File: VN076291.D

Acq: 18 Jan 2023 11:58

Tgt Ion:225	Resp:	42361
Ion Ratio	Lower	Upper
225	100	
223	62.8	30.8 92.3
227	63.5	30.9 92.8





#95

Naphthalene

Concen: 18.877 ug/l

RT: 15.647 min Scan# 2311

Delta R.T. 0.006 min

Lab File: VN076291.D

Acq: 18 Jan 2023 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN0118WBS01

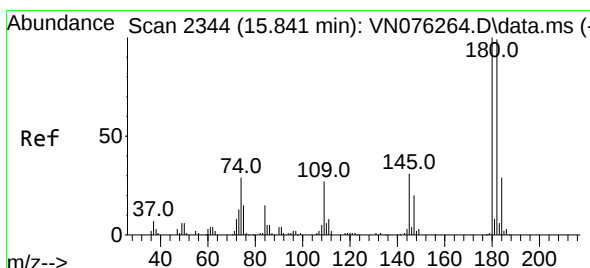
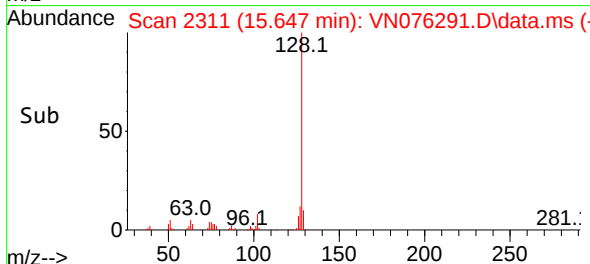
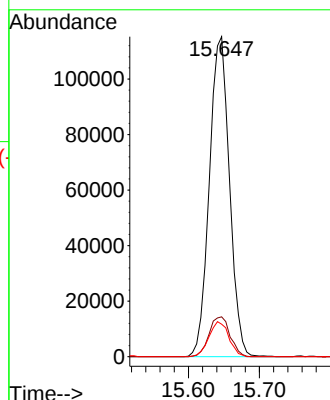
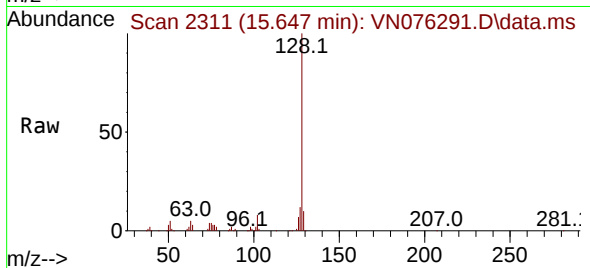
Tgt Ion:128 Resp: 22664
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.3 15.5
 129 10.9 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#96

1,2,3-Trichlorobenzene

Concen: 18.415 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN076291.D

Acq: 18 Jan 2023 11:58

Tgt Ion:180 Resp: 72883
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.5 142.5
 145 33.0 15.9 47.6

