

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091223\
 Data File : VN079235.D
 Acq On : 12 Sep 2023 13:11
 Operator : JC\MD
 Sample : VN0912WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01

Quant Time: Sep 13 01:32:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/13/2023
 Supervised By : Mahesh Dadoda 09/13/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	178396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	294511	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	262297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	105157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	113677	47.205	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.400%		
35) Dibromofluoromethane	8.171	113	97616	49.829	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.660%		
50) Toluene-d8	10.571	98	369114	51.314	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.620%		
62) 4-Bromofluorobenzene	12.853	95	117190	51.074	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	29412	16.663	ug/l	96
3) Chloromethane	2.365	50	37932	16.370	ug/l	96
4) Vinyl Chloride	2.512	62	39148	15.505	ug/l	100
5) Bromomethane	2.948	94	21799	15.021	ug/l	98
6) Chloroethane	3.112	64	24735	14.627	ug/l	92
7) Trichlorofluoromethane	3.495	101	57693	15.605	ug/l	95
8) Diethyl Ether	3.965	74	20252	15.782	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.371	101	32190	16.372	ug/l	95
10) Methyl Iodide	4.589	142	30503	18.965	ug/l	95
11) Tert butyl alcohol	5.530	59	32675	73.493	ug/l	96
12) 1,1-Dichloroethene	4.342	96	31224	16.411	ug/l	89
13) Acrolein	4.177	56	36576	86.244	ug/l	97
14) Allyl chloride	5.030	41	52238	17.211	ug/l #	81
15) Acrylonitrile	5.730	53	92709	80.418	ug/l	99
16) Acetone	4.436	43	82459	80.624	ug/l	97
17) Carbon Disulfide	4.712	76	86268	14.507	ug/l	98
18) Methyl Acetate	5.036	43	67258	16.001	ug/l	89
19) Methyl tert-butyl Ether	5.800	73	105232	16.126	ug/l	94
20) Methylene Chloride	5.277	84	39735	15.965	ug/l	91
21) trans-1,2-Dichloroethene	5.794	96	35328	16.006	ug/l	93
22) Diisopropyl ether	6.683	45	114306	17.164	ug/l #	87
23) Vinyl Acetate	6.612	43	326173	79.628	ug/l #	88
24) 1,1-Dichloroethane	6.577	63	67704	16.492	ug/l	99
25) 2-Butanone	7.488	43	121713	82.019	ug/l #	85
26) 2,2-Dichloropropane	7.494	77	54315	16.122	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	41708	16.526	ug/l	93
28) Bromochloromethane	7.818	49	36145	19.473	ug/l	84
29) Tetrahydrofuran	7.847	42	80266	84.995	ug/l #	80
30) Chloroform	7.971	83	69452	16.249	ug/l	94
31) Cyclohexane	8.265	56	57997	16.494	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	60109	16.497	ug/l	98
36) 1,1-Dichloropropene	8.383	75	50516	16.729	ug/l	95
37) Ethyl Acetate	7.565	43	49952	16.585	ug/l #	93
38) Carbon Tetrachloride	8.365	117	51574	16.505	ug/l	98
39) Methylcyclohexane	9.606	83	52902	17.761	ug/l #	87
40) Benzene	8.612	78	157341	17.021	ug/l	99

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Manual Integrations
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Quant Time: Sep 13 01:32:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	26109	17.193	ug/l #	87
42) 1,2-Dichloroethane	8.677	62	51399	16.152	ug/l	99
43) Isopropyl Acetate	8.694	43	74032	15.064	ug/l	97
44) Trichloroethene	9.359	130	38536	16.923	ug/l	97
45) 1,2-Dichloropropane	9.629	63	41318	18.011	ug/l	98
46) Dibromomethane	9.718	93	26680	17.132	ug/l	89
47) Bromodichloromethane	9.894	83	54141	16.973	ug/l	93
48) Methyl methacrylate	9.682	41	35001	15.901	ug/l #	84
49) 1,4-Dioxane	9.700	88	14834	327.639	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	241372	84.610	ug/l	95
52) Toluene	10.635	92	97570	17.175	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	54971	16.344	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	62081	17.257	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	38211	17.142	ug/l	99
56) Ethyl methacrylate	10.876	69	54697	17.383	ug/l #	86
57) 1,3-Dichloropropane	11.171	76	65644	17.036	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	105781	86.152	ug/l	91
59) 2-Hexanone	11.200	43	172490	83.481	ug/l	95
60) Dibromochloromethane	11.365	129	41027	17.294	ug/l	100
61) 1,2-Dibromoethane	11.476	107	37784	16.985	ug/l	100
64) Tetrachloroethene	11.106	164	34106	17.832	ug/l	94
65) Chlorobenzene	11.894	112	98031	16.498	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	38682	17.360	ug/l	97
67) Ethyl Benzene	11.970	91	171205	16.845	ug/l	97
68) m/p-Xylenes	12.076	106	132602	35.002	ug/l	98
69) o-Xylene	12.406	106	63289	17.419	ug/l	93
70) Styrene	12.418	104	103832	17.769	ug/l	98
71) Bromoform	12.582	173	27414	16.666	ug/l #	96
73) Isopropylbenzene	12.700	105	161424	16.872	ug/l	99
74) N-amyl acetate	12.500	43	57468	15.832	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	55766	15.653	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	43079m	15.200	ug/l	
77) Bromobenzene	12.982	156	38774	16.005	ug/l	99
78) n-propylbenzene	13.041	91	184205	17.139	ug/l	98
79) 2-Chlorotoluene	13.129	91	114456	16.282	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	137613	17.262	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	18105	17.563	ug/l	94
82) 4-Chlorotoluene	13.223	91	112993	17.107	ug/l	98
83) tert-Butylbenzene	13.447	119	115046	17.445	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	133270	17.554	ug/l	99
85) sec-Butylbenzene	13.623	105	157421	17.339	ug/l	100
86) p-Isopropyltoluene	13.735	119	125217	17.263	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	66077	16.630	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	63203	15.741	ug/l	98
89) n-Butylbenzene	14.059	91	95315	16.710	ug/l	99
90) Hexachloroethane	14.335	117	24628	16.719	ug/l	80
91) 1,2-Dichlorobenzene	14.112	146	64004	16.317	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8983	16.586	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	21449	15.216	ug/l	97
94) Hexachlorobutadiene	15.506	225	17167	15.482	ug/l	98
95) Naphthalene	15.647	128	53247	12.718	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	24377	14.661	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration

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

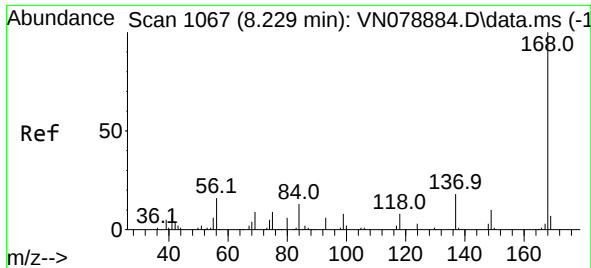
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

Abundance

TIC: VN079235.D\data.ms

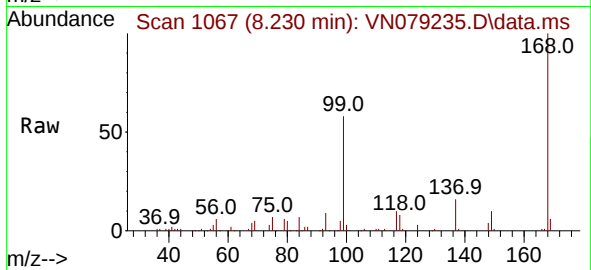
Time-->

Chlorodifluoromethane, T
Chloromethane, P
Vinyl Chloride, C
Bromomethane, T
Chloroethane, T
Trichlorofluoromethane, T
Diethyl Ether, T
Acrolein, T
Acetone, T
Methyl Iodide, T
Carbon Disulfide, T
Methylene Chloride, T
Methanol, T
tert Butyl alcohol, T
Acrylonitrile, T
Methyl Isobutyl Ketone, T
1,1-Dichloroethane, P
Disopropyl ether, T
Vinyl Acetate, T
Ethyl Acetate, T
Methacrylonitrile, T
Chloroform, C
Cyclohexane, T
1,1-Dichloroethane, T
1,2-Dichloroethane, T
1,2-Dibromoethane, T
1,2-Dichloropropane, T
1,2-Dichlorobenzene, I
1,4-Difluorobenzene, I
Trichloroethene, TM
Dimethyl sulfoxide, T
Methylcyclohexane, T
Bromodichloromethane, T
cis-1,3-Dichloropropene, T
2-Chloroethyl Vinyl ether, T
Toluene, CM
t-1,3-Dichloropropane, T
1,1,2-Trichloroethane, T
1,1,2,2-Tetrachloroethane, T
Dibromochloroethane, T
1,2-Dibromobenzene, I
Chlorobenzene, PM
Chlorobenzene-d5, I
N-amyl acetate, T
Styrene, T
Isopropylbenzene, T
trans-1,4-Dichlorobutene, T
1,1,2,2-Tetrachloroethane, P
1,2-Dichlorobenzene, T
2-Chlorotoluene, T
1,3,5-Trimethylbenzene, T
tert-Butylbenzene, T
sec-Butylbenzene, T
1,4-Dichlorobenzene, T
1,2-Dichlorobenzene, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
1,2,4-Trichlorobenzene, T
Hexachlorocyclopentadiene, T
Naphthalene, I
1,2,3-Trichlorobenzene, T



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
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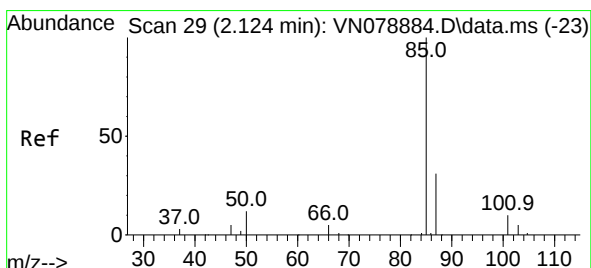
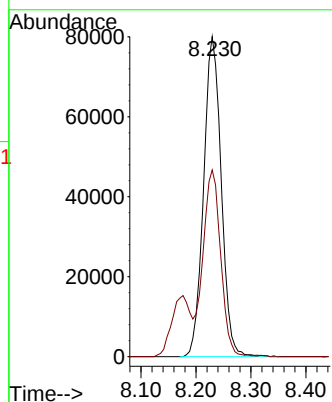
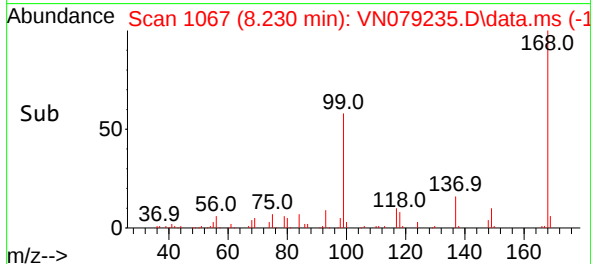
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



Tgt Ion:168 Resp: 178390
Ion Ratio Lower Upper
168 100
99 58.3 53.0 79.6

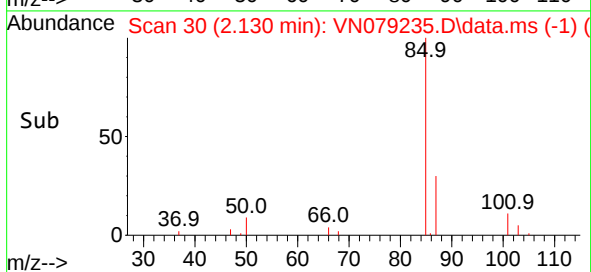
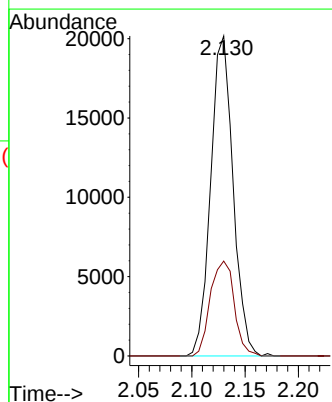
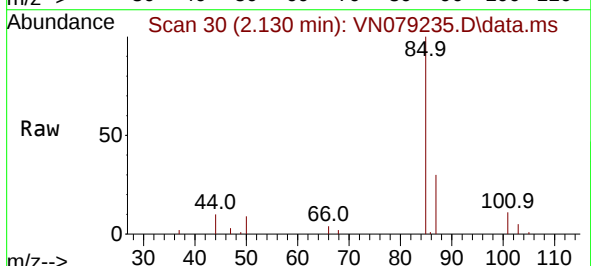
Manual Integrations
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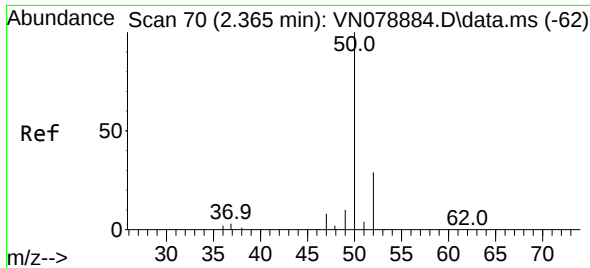
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#2
Dichlorodifluoromethane
Concen: 16.663 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN079235.D
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Tgt Ion: 85 Resp: 29412
Ion Ratio Lower Upper
85 100
87 29.7 15.8 47.4





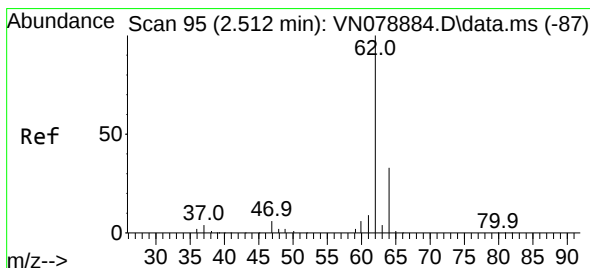
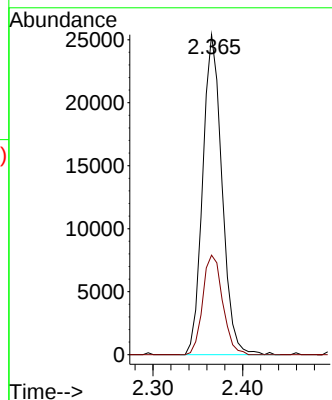
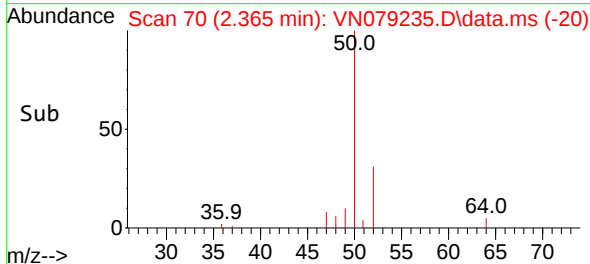
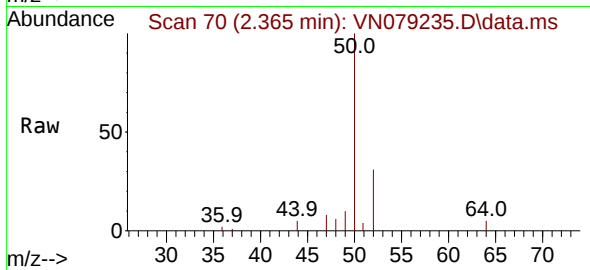
#3
Chloromethane
Concen: 16.370 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

Instrument :
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Tgt Ion: 50 Resp: 3793
Ion Ratio Lower Upper
50 100
52 31.1 26.5 39.7

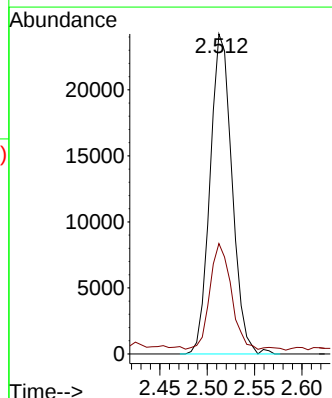
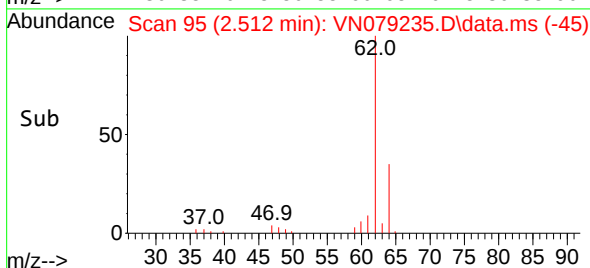
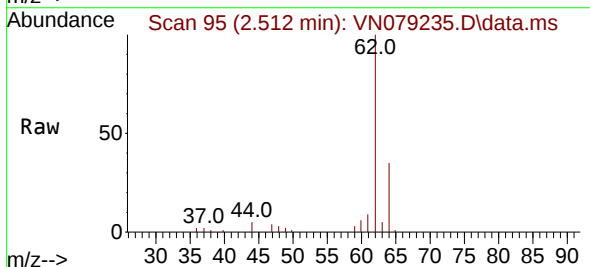
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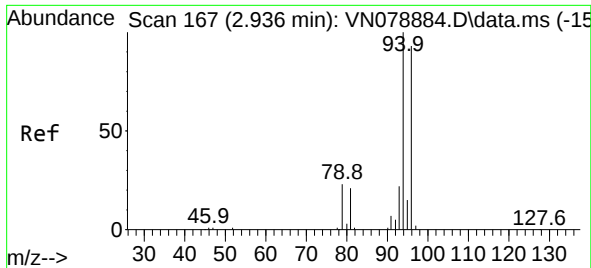
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#4
Vinyl Chloride
Concen: 15.505 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

Tgt Ion: 62 Resp: 39148
Ion Ratio Lower Upper
62 100
64 32.8 26.2 39.2





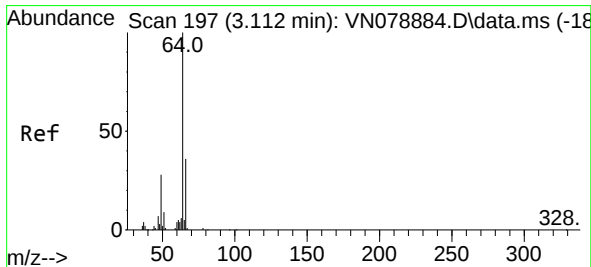
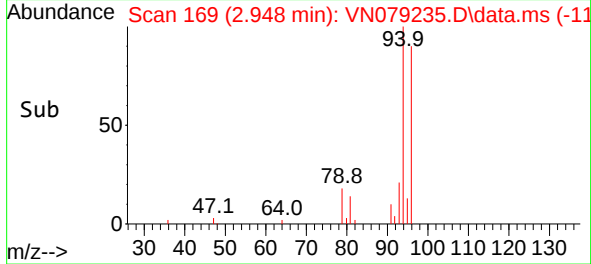
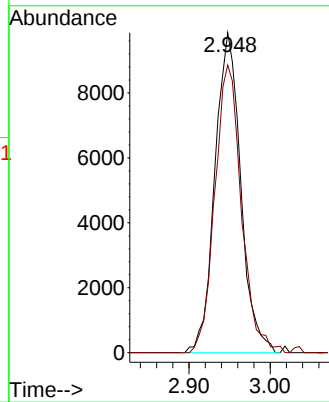
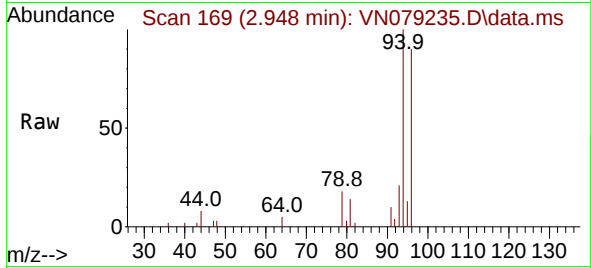
#5
Bromomethane
Concen: 15.021 ug/l
RT: 2.948 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 21799
Ion Ratio Lower Upper
94 100
96 89.9 73.1 109.7

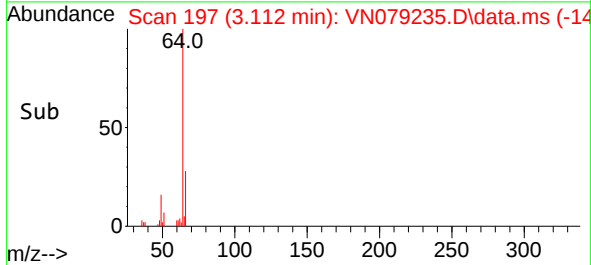
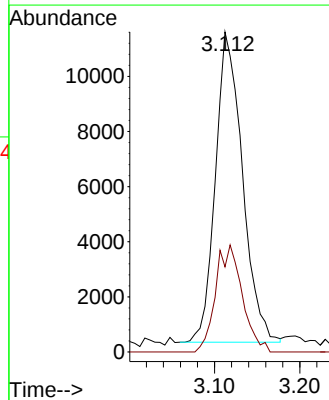
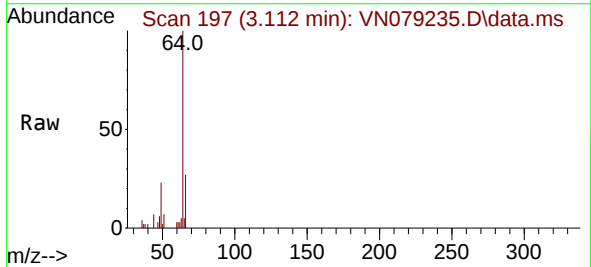
Manual Integrations
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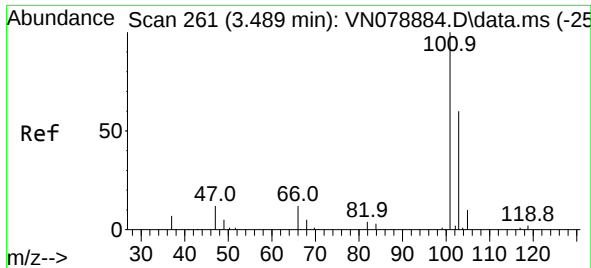
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#6
Chloroethane
Concen: 14.627 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

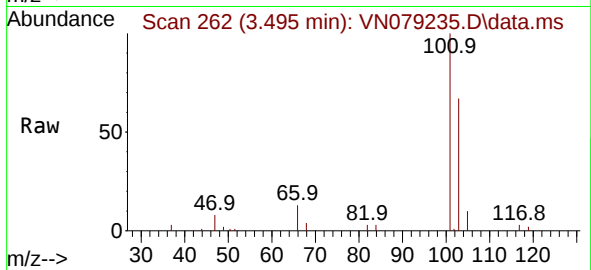
Tgt Ion: 64 Resp: 24735
Ion Ratio Lower Upper
64 100
66 27.5 25.4 38.2





#7
Trichlorofluoromethane
Concen: 15.605 ug/l
RT: 3.495 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN079235.D
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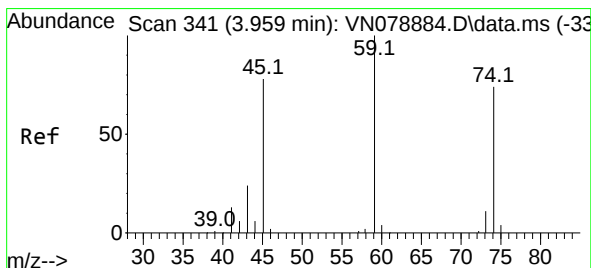
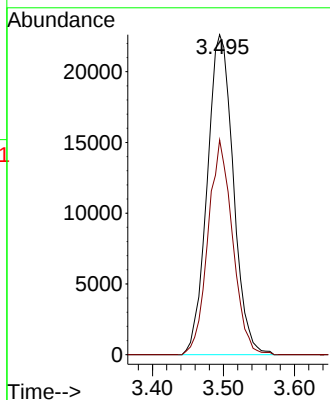
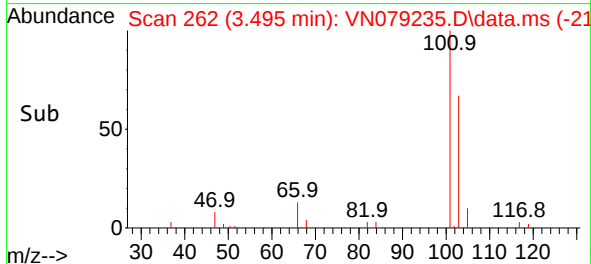
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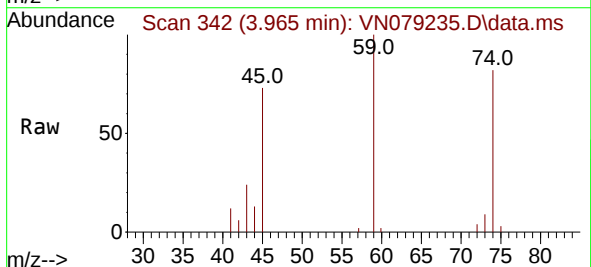
Tgt Ion:101 Resp: 5769
Ion Ratio Lower Upper
101 100
103 67.1 50.7 76.1

Manual Integrations
APPROVED

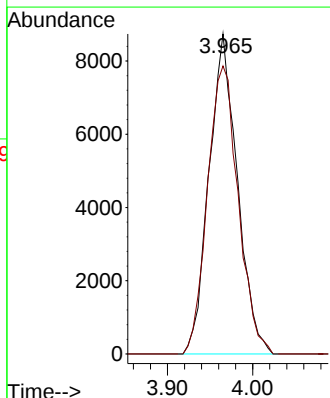
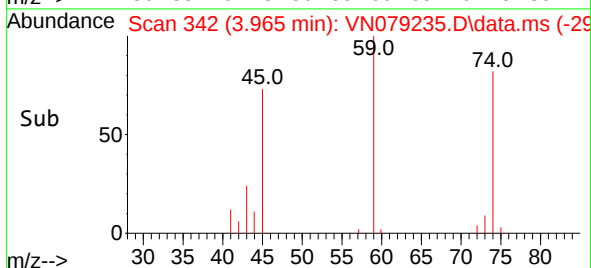
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

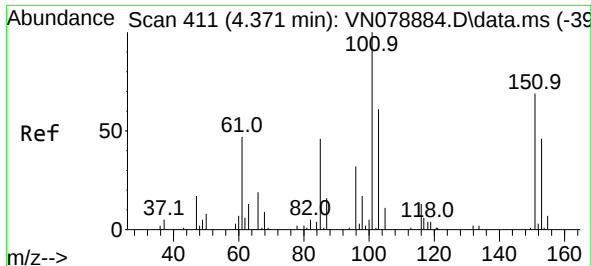


#8
Diethyl Ether
Concen: 15.782 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11



Tgt Ion: 74 Resp: 20252
Ion Ratio Lower Upper
74 100
45 97.2 34.4 103.3





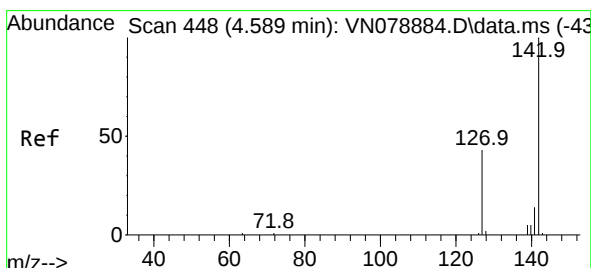
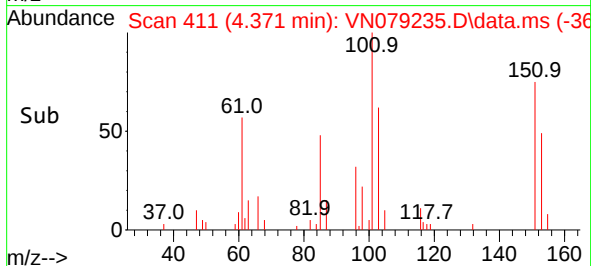
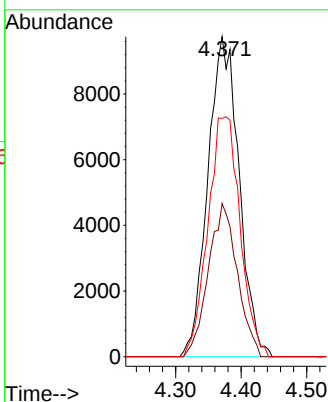
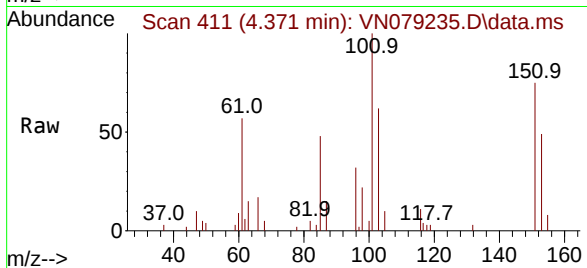
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.372 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

Tgt Ion:101 Resp: 32190
Ion Ratio Lower Upper
101 100
85 44.4 36.6 55.0
151 77.1 57.6 86.4

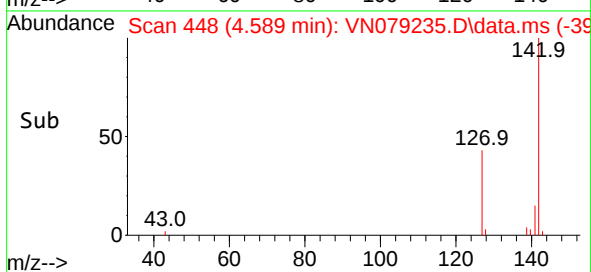
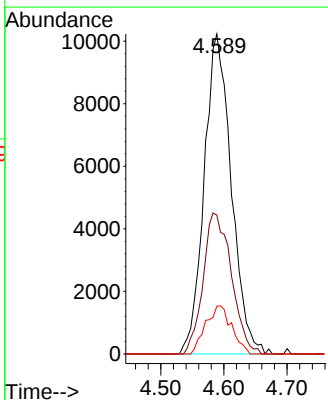
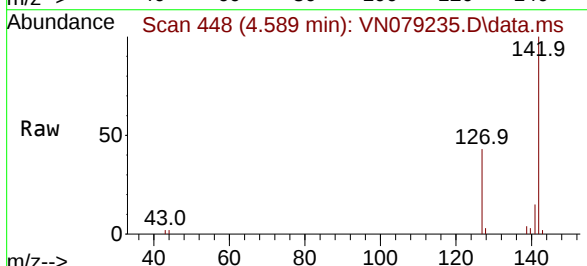
Manual Integrations
APPROVED

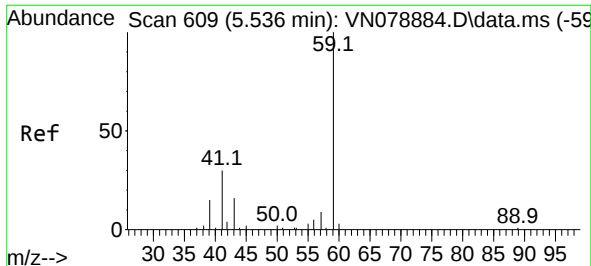
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#10
Methyl Iodide
Concen: 18.965 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

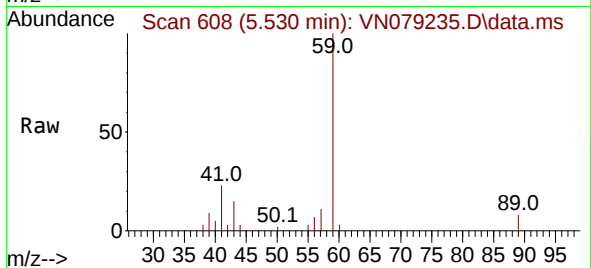
Tgt Ion:142 Resp: 30503
Ion Ratio Lower Upper
142 100
127 43.4 37.6 56.4
141 14.9 11.4 17.0





#11
Tert butyl alcohol
Concen: 73.493 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

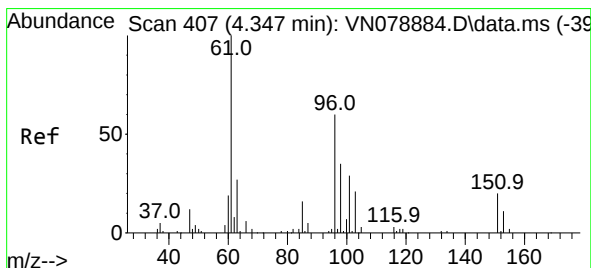
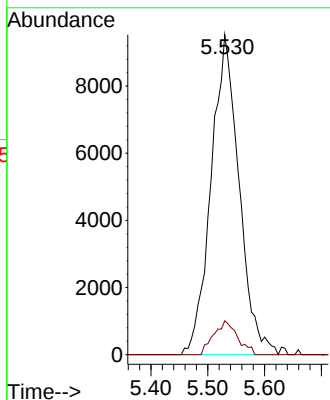
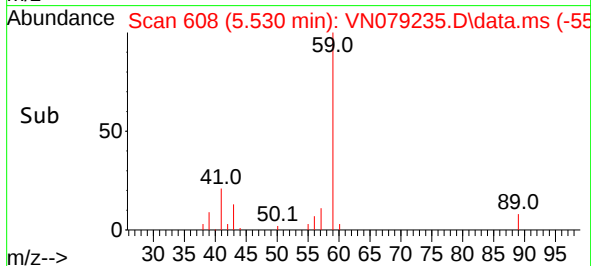
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



Tgt Ion: 59 Resp: 3267
Ion Ratio Lower Upper
59 100
57 8.9 8.2 12.4

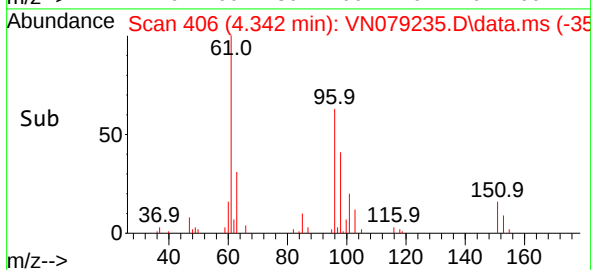
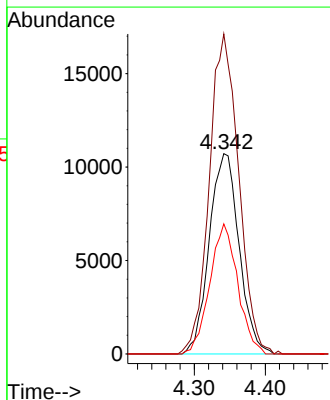
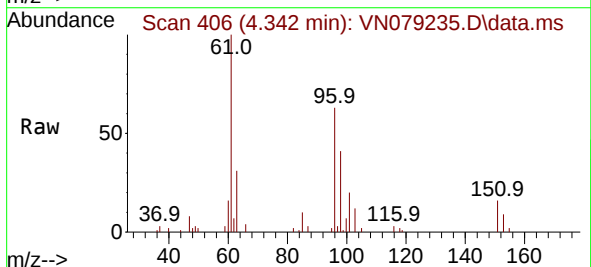
Manual Integrations
APPROVED

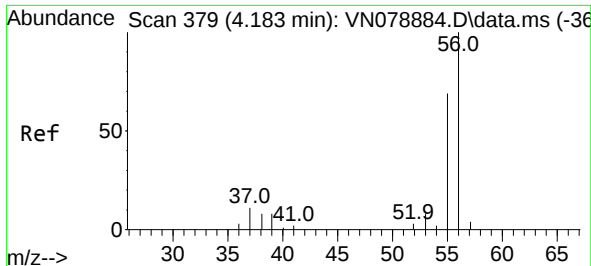
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#12
1,1-Dichloroethene
Concen: 16.411 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

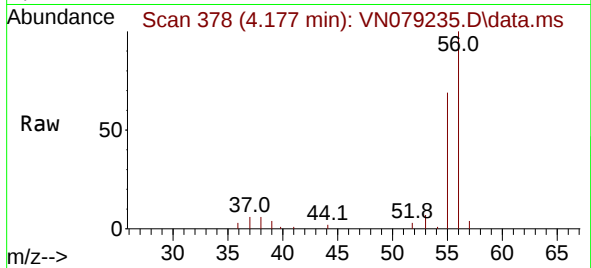
Tgt Ion: 96 Resp: 31224
Ion Ratio Lower Upper
96 100
61 159.7 112.7 169.1
98 64.9 51.2 76.8





#13
Acrolein
Concen: 86.244 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.018 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

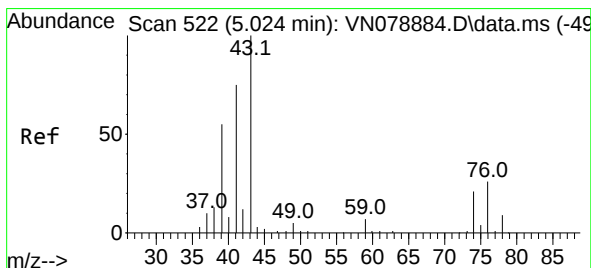
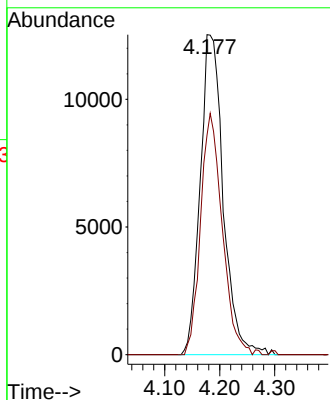
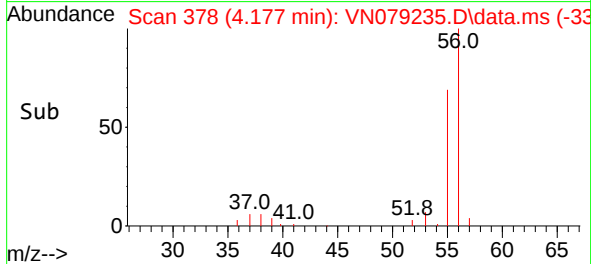
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



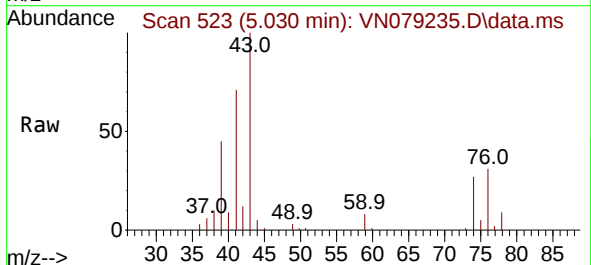
Tgt Ion: 56 Resp: 36570
Ion Ratio Lower Upper
56 100
55 70.7 54.5 81.7

Manual Integrations
APPROVED

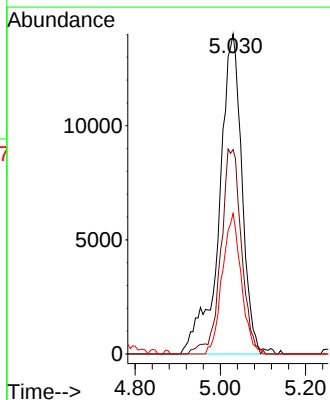
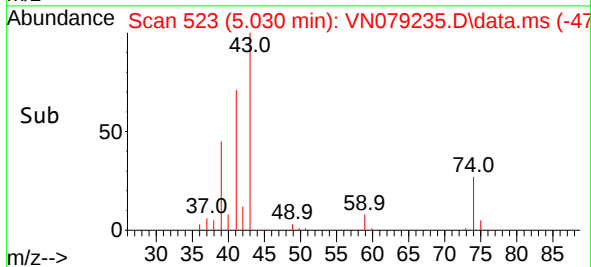
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

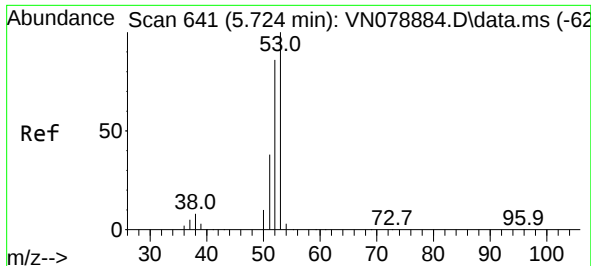


#14
Allyl chloride
Concen: 17.211 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11



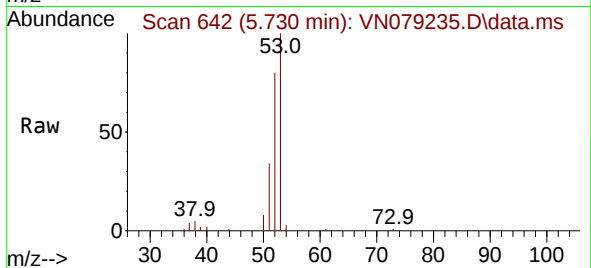
Tgt Ion: 41 Resp: 52238
Ion Ratio Lower Upper
41 100
39 57.7 58.8 88.2#
76 36.4 39.1 58.7#





#15
Acrylonitrile
Concen: 80.418 ug/l
RT: 5.730 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

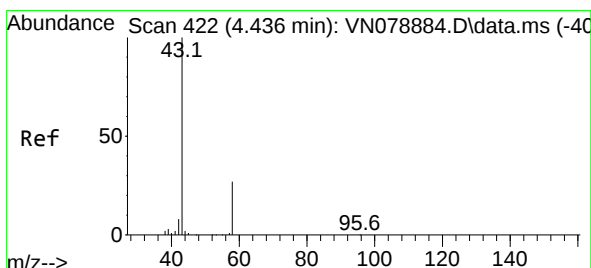
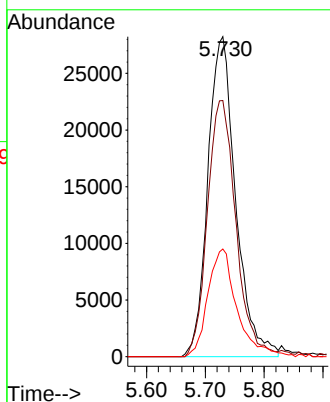
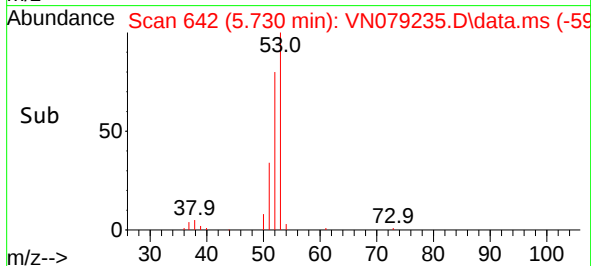
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



Tgt Ion: 53 Resp: 92709
Ion Ratio Lower Upper
53 100
52 82.0 65.3 97.9
51 35.2 28.9 43.3

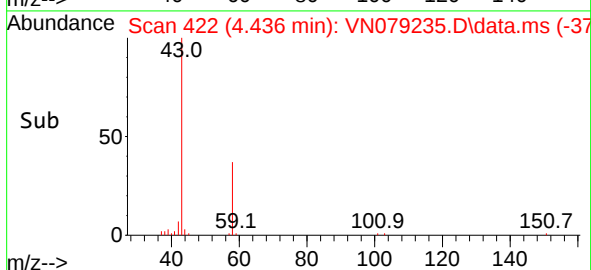
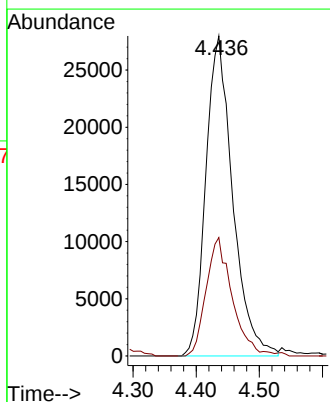
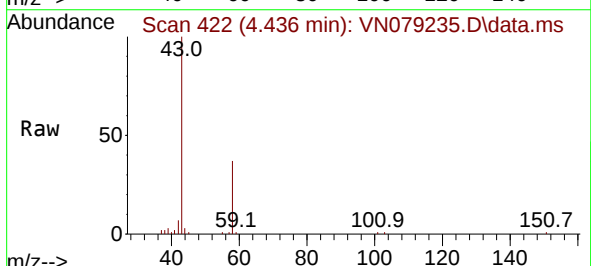
Manual Integrations
APPROVED

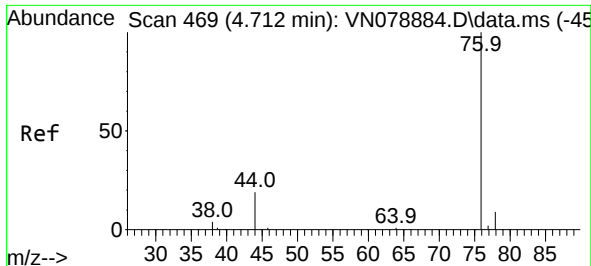
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#16
Acetone
Concen: 80.624 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

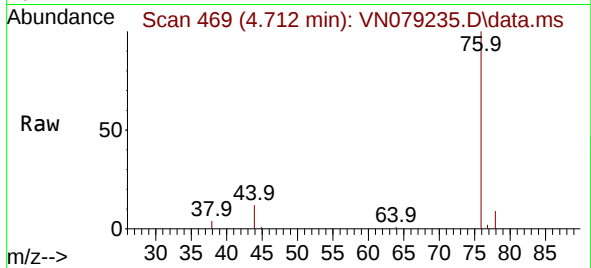
Tgt Ion: 43 Resp: 82459
Ion Ratio Lower Upper
43 100
58 37.0 28.0 42.0





#17
Carbon Disulfide
Concen: 14.507 ug/l
RT: 4.712 min Scan# 40
Delta R.T. -0.012 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

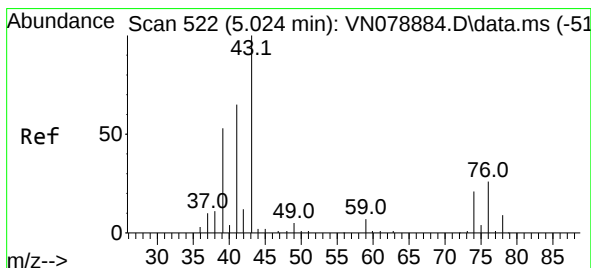
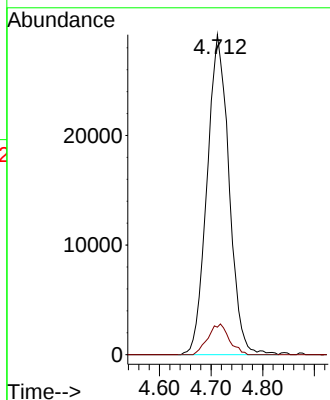
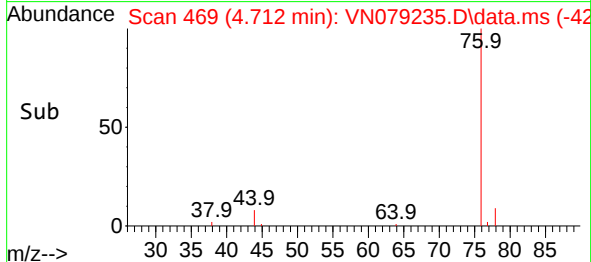
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



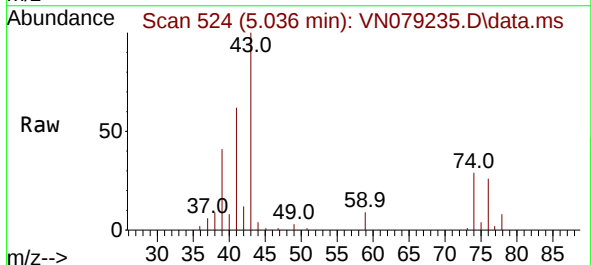
Tgt Ion: 76 Resp: 86268
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0

Manual Integrations
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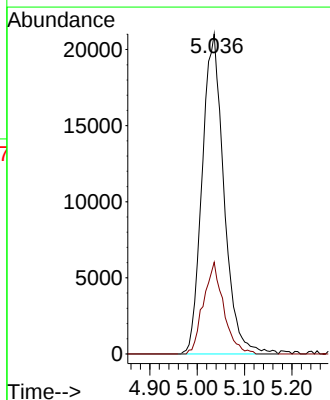
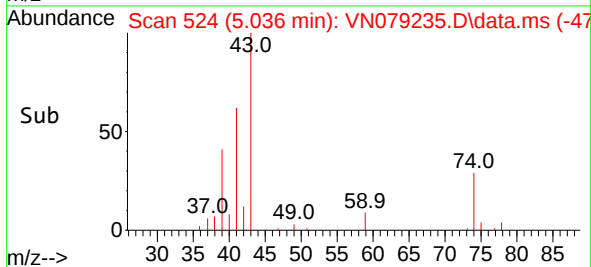
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

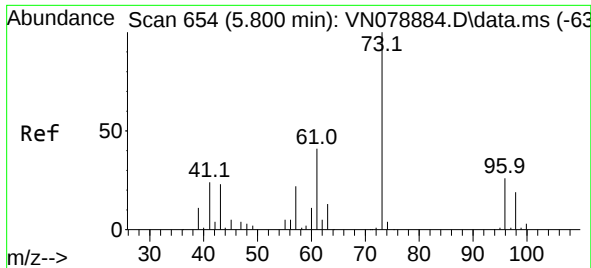


#18
Methyl Acetate
Concen: 16.001 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11



Tgt Ion: 43 Resp: 67258
Ion Ratio Lower Upper
43 100
74 26.5 26.2 39.4





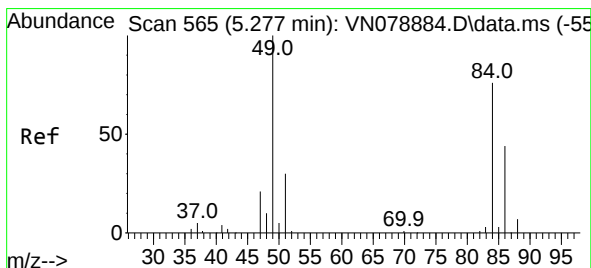
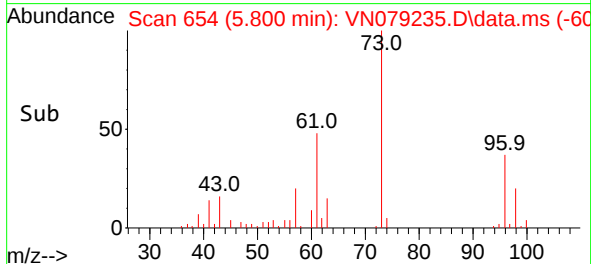
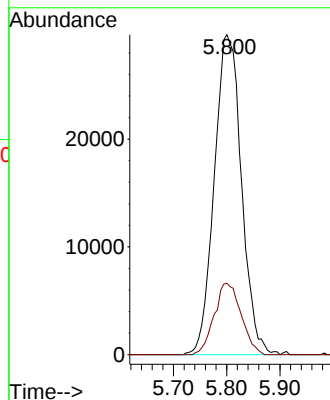
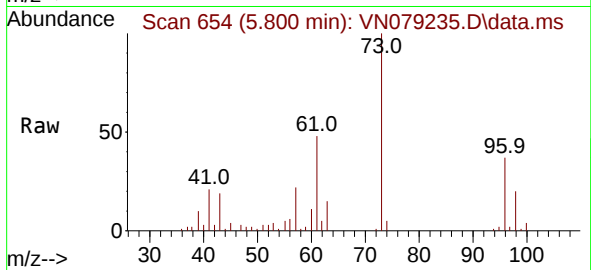
#19
Methyl tert-butyl Ether
Concen: 16.126 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

Tgt Ion: 73 Resp: 10523
Ion Ratio Lower Upper
73 100
57 22.3 15.6 23.4

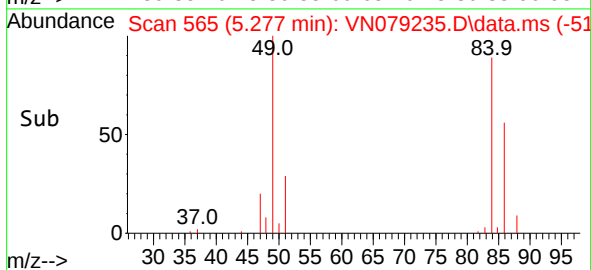
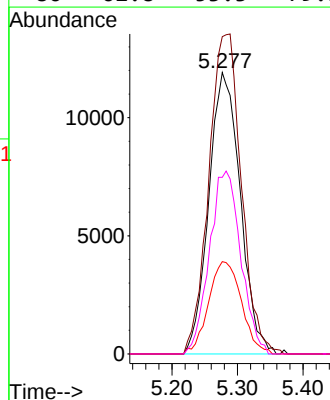
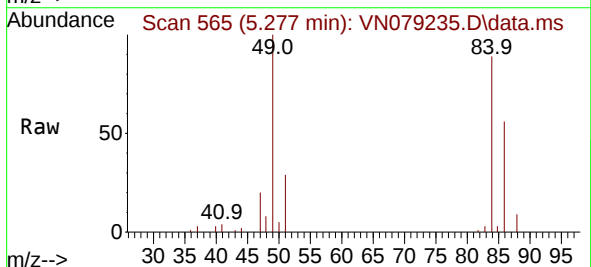
Manual Integrations
APPROVED

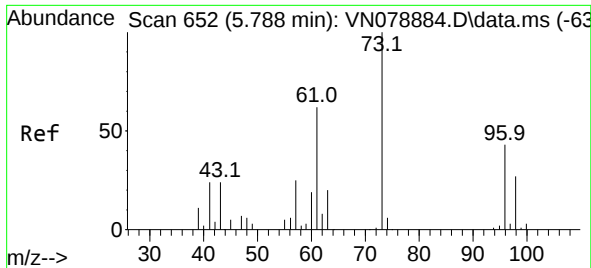
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#20
Methylene Chloride
Concen: 15.965 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

Tgt Ion: 84 Resp: 39735
Ion Ratio Lower Upper
84 100
49 112.7 79.7 119.5
51 32.8 25.2 37.8
86 62.8 53.3 79.9





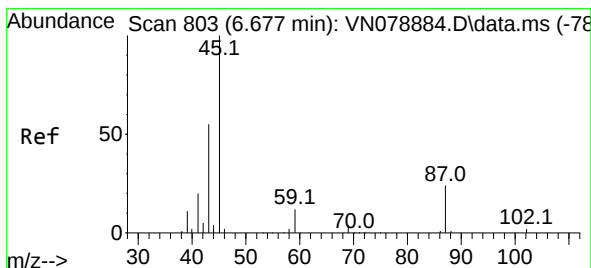
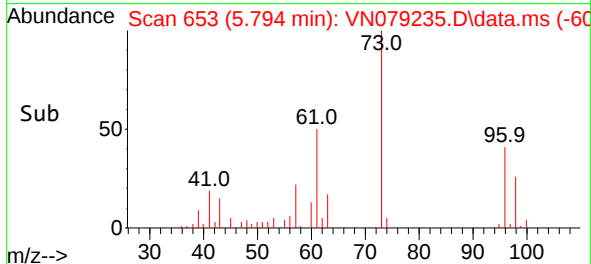
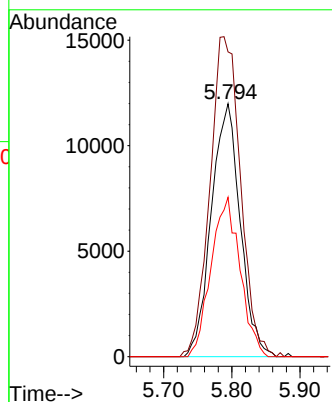
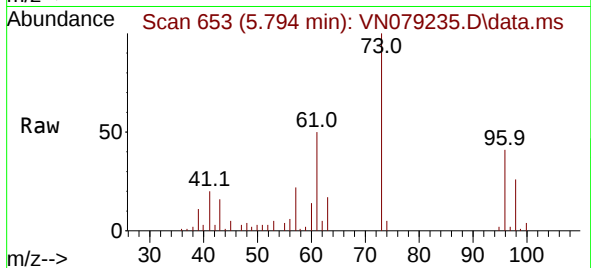
#21
trans-1,2-Dichloroethene
Concen: 16.006 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

Tgt Ion: 96 Resp: 35328
Ion Ratio Lower Upper
96 100
61 120.5 90.1 135.1
98 63.0 46.4 69.6

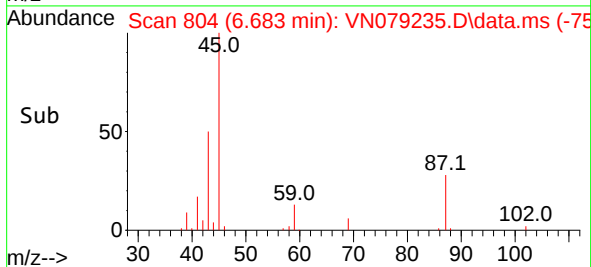
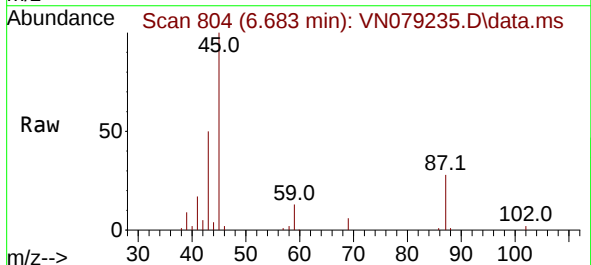
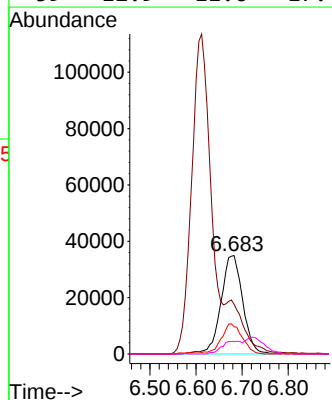
Manual Integrations
APPROVED

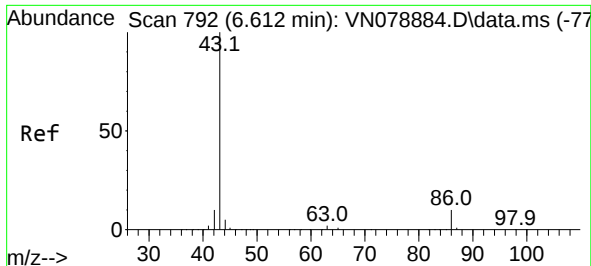
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#22
Diisopropyl ether
Concen: 17.164 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

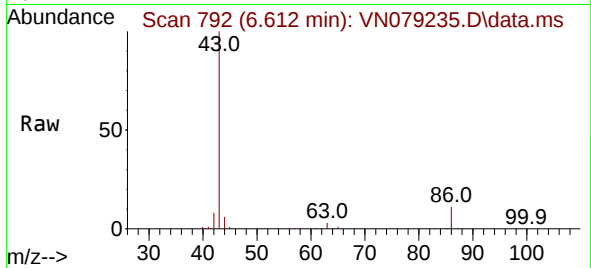
Tgt Ion: 45 Resp: 114306
Ion Ratio Lower Upper
45 100
43 48.6 45.5 68.3
87 27.7 31.8 47.8#
59 12.9 11.6 17.4





#23
 Vinyl Acetate
 Concen: 79.628 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN079235.D
 Acq: 12 Sep 2023 13:11

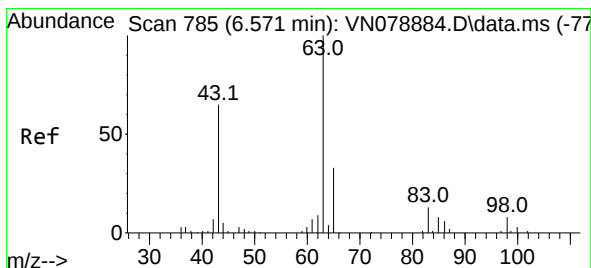
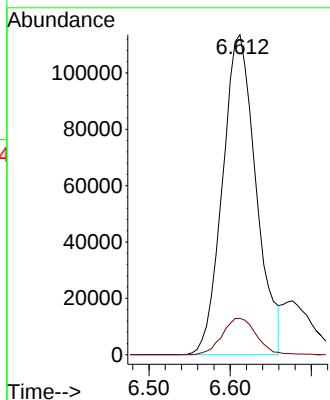
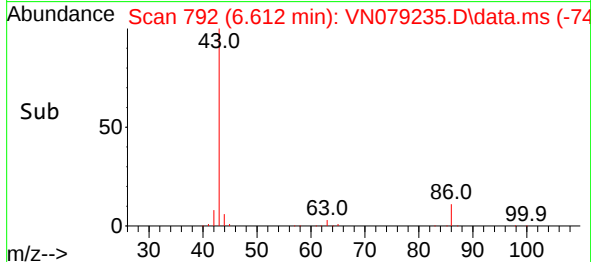
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01



Tgt Ion: 43 Resp: 32617
 Ion Ratio Lower Upper
 43 100
 86 11.3 13.0 19.6

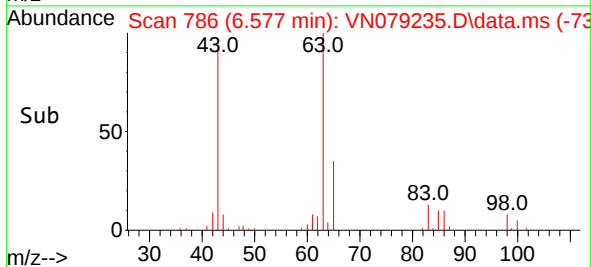
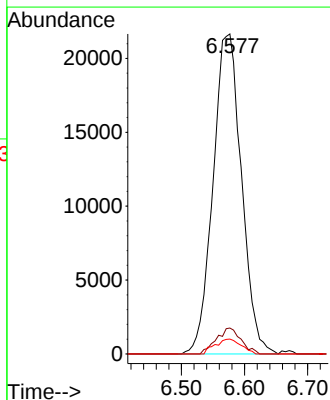
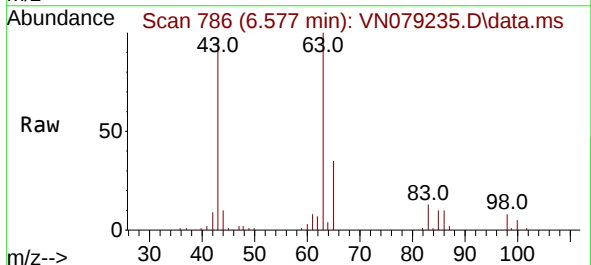
Manual Integrations
 APPROVED

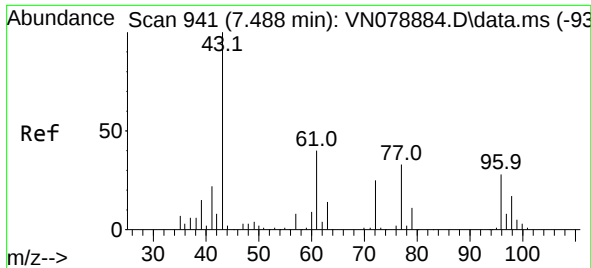
Reviewed By :John Carlone 09/13/2023
 Supervised By :Mahesh Dadoda 09/13/2023



#24
 1,1-Dichloroethane
 Concen: 16.492 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN079235.D
 Acq: 12 Sep 2023 13:11

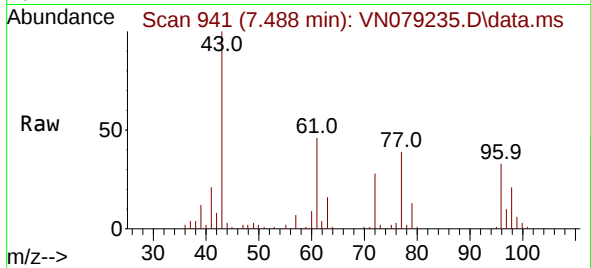
Tgt Ion: 63 Resp: 67704
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.9 11.7
 100 4.6 2.5 7.4





#25
2-Butanone
Concen: 82.019 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

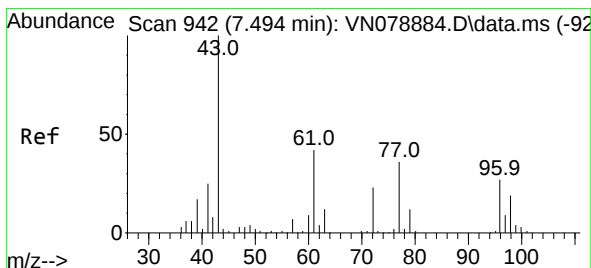
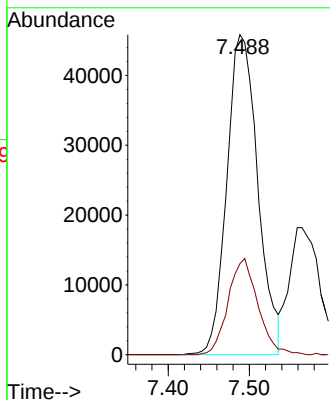
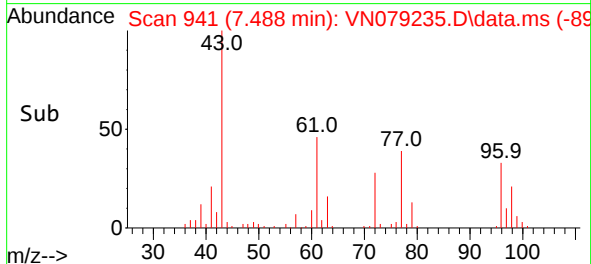
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



Tgt Ion: 43 Resp: 12171
Ion Ratio Lower Upper
43 100
72 28.5 30.2 45.2

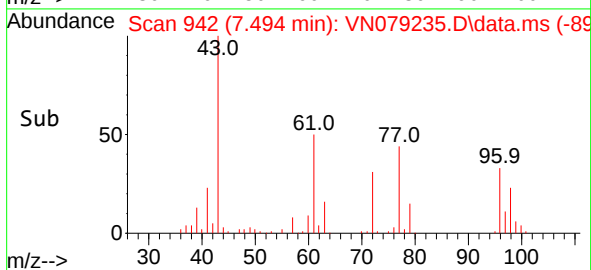
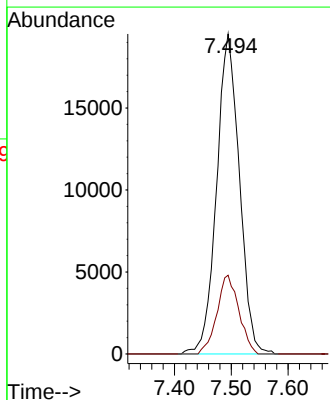
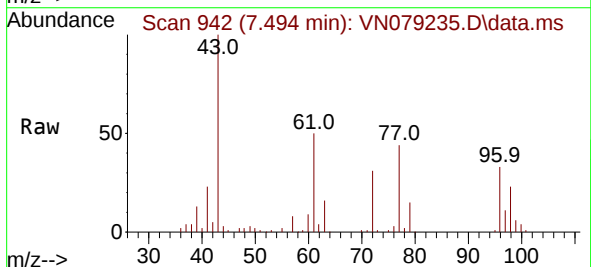
Manual Integrations
APPROVED

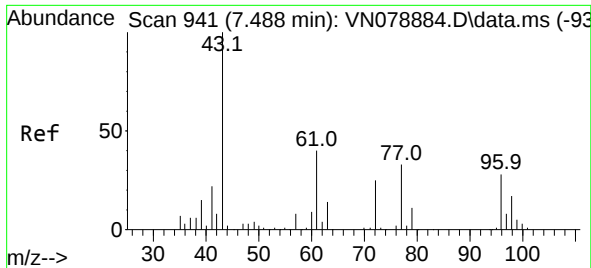
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#26
2,2-Dichloropropane
Concen: 16.122 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

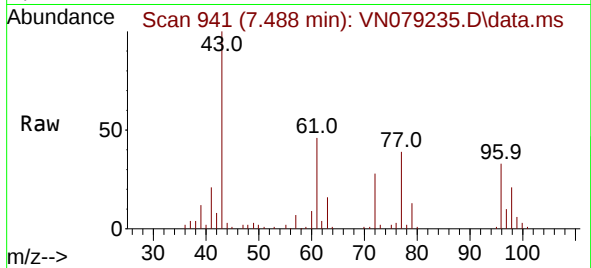
Tgt Ion: 77 Resp: 54315
Ion Ratio Lower Upper
77 100
97 23.6 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 16.526 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.012 min
 Lab File: VN079235.D
 Acq: 12 Sep 2023 13:11

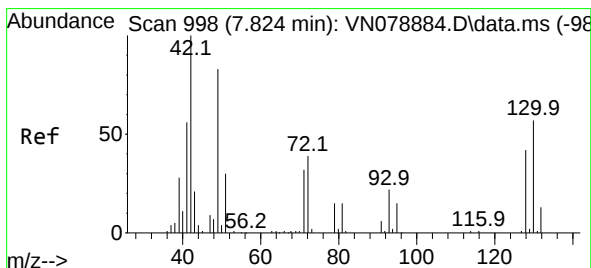
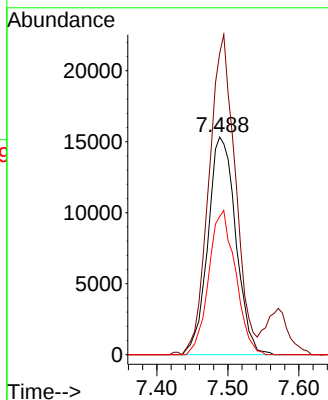
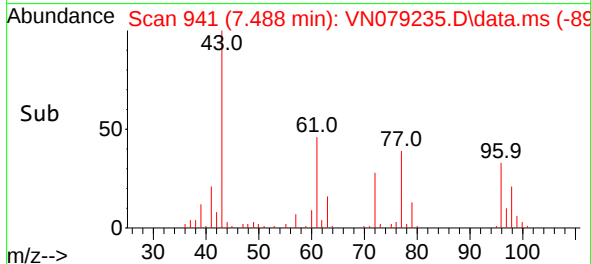
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01



Tgt Ion: 96 Resp: 41708
 Ion Ratio Lower Upper
 96 100
 61 139.6 0.0 255.2
 98 63.7 0.0 128.8

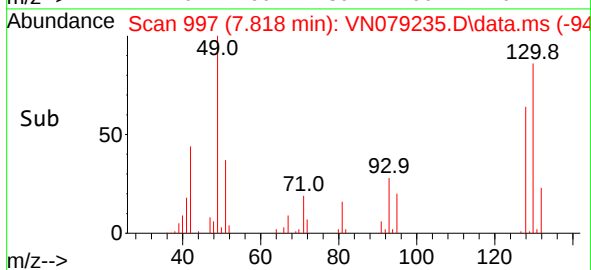
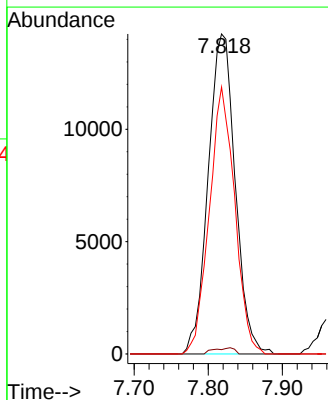
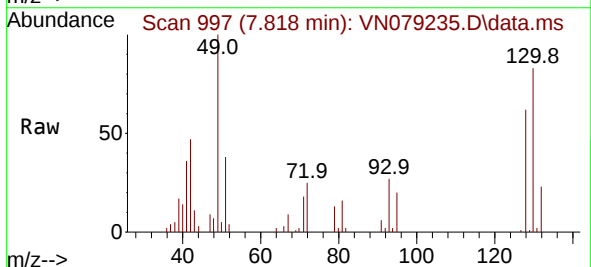
Manual Integrations
 APPROVED

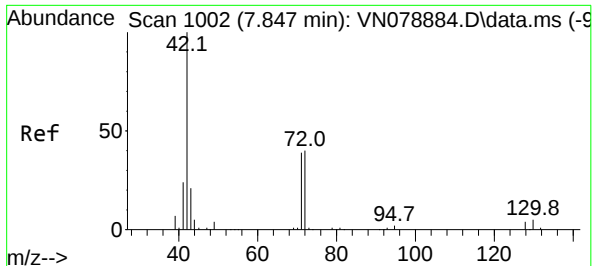
Reviewed By :John Carlone 09/13/2023
 Supervised By :Mahesh Dadoda 09/13/2023



#28
 Bromochloromethane
 Concen: 19.473 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN079235.D
 Acq: 12 Sep 2023 13:11

Tgt Ion: 49 Resp: 36145
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.8
 130 78.3 75.3 112.9





#29

Tetrahydrofuran

Concen: 84.995 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN079235.D

Acq: 12 Sep 2023 13:11

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

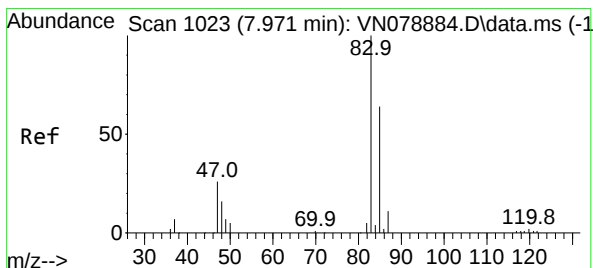
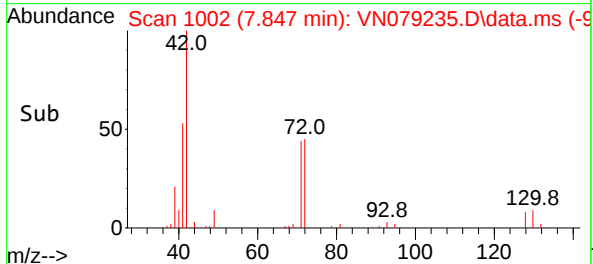
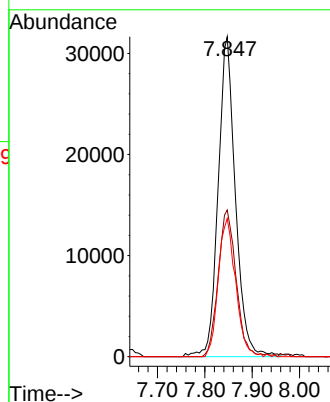
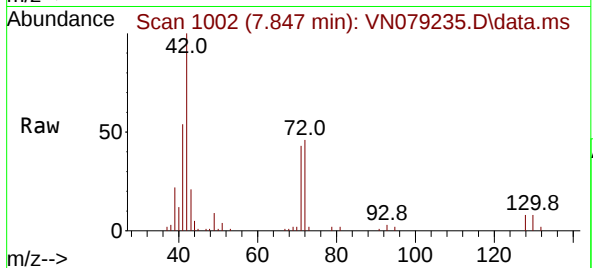
Tgt Ion:	42	Resp:	80260
Ion Ratio	Lower	Upper	
42	100		
72	47.7	49.8	74.6
71	43.2	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#30

Chloroform

Concen: 16.249 ug/l

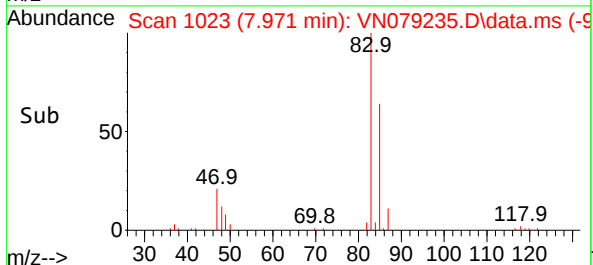
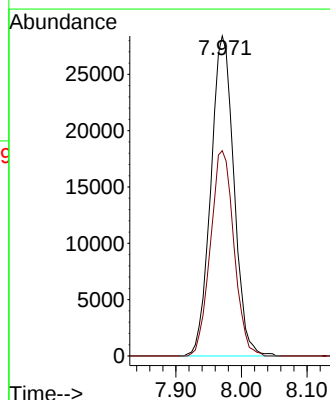
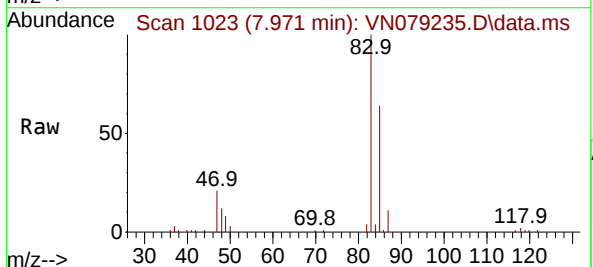
RT: 7.971 min Scan# 1023

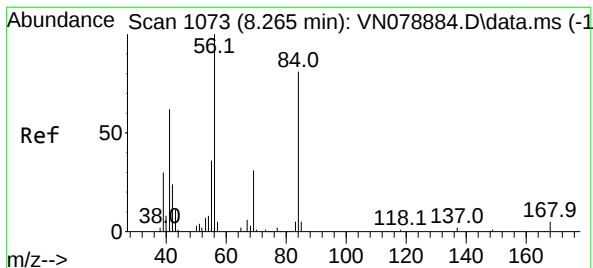
Delta R.T. -0.006 min

Lab File: VN079235.D

Acq: 12 Sep 2023 13:11

Tgt Ion:	83	Resp:	69452
Ion Ratio	Lower	Upper	
83	100		
85	64.2	55.4	83.0





#31

Cyclohexane

Concen: 16.494 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN079235.D

Acq: 12 Sep 2023 13:11

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

Tgt Ion: 56 Resp: 5799

Ion Ratio Lower Upper

56 100

69 32.4 26.8 40.2

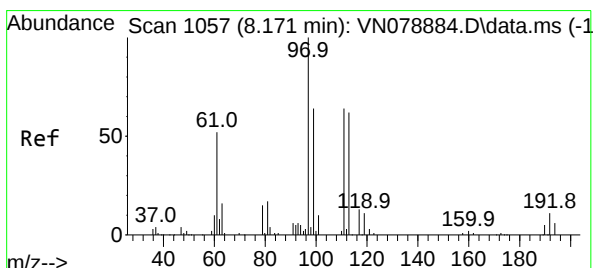
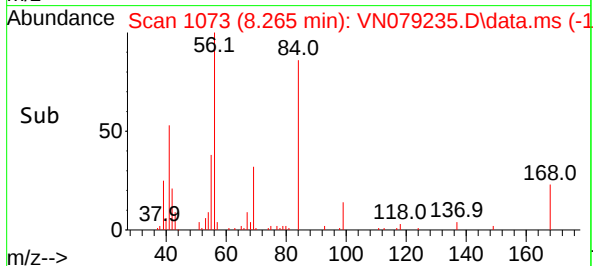
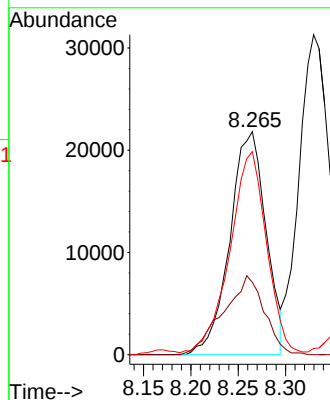
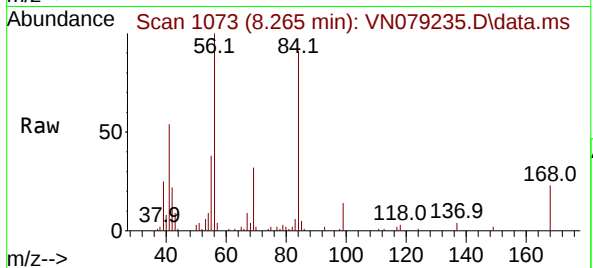
84 90.2 81.8 122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#32

1,1,1-Trichloroethane

Concen: 16.497 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN079235.D

Acq: 12 Sep 2023 13:11

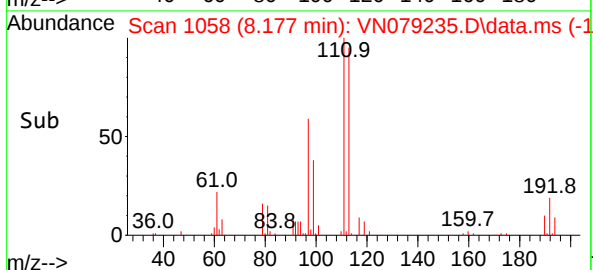
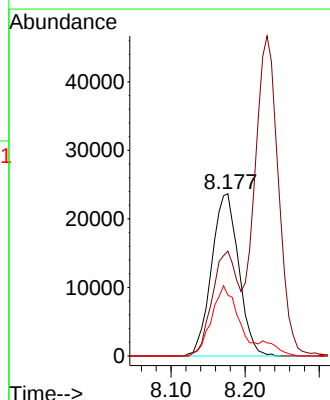
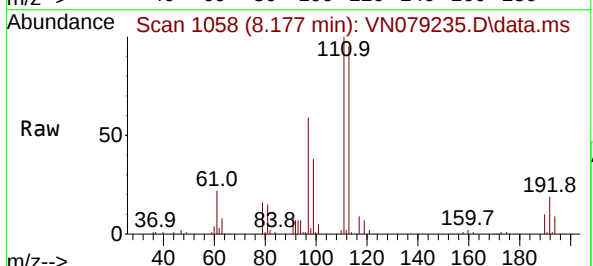
Tgt Ion: 97 Resp: 60109

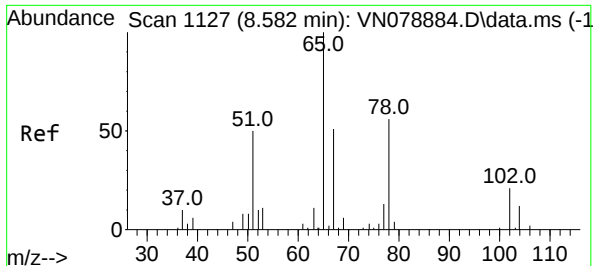
Ion Ratio Lower Upper

97 100

99 60.7 50.3 75.5

61 43.5 34.7 52.1





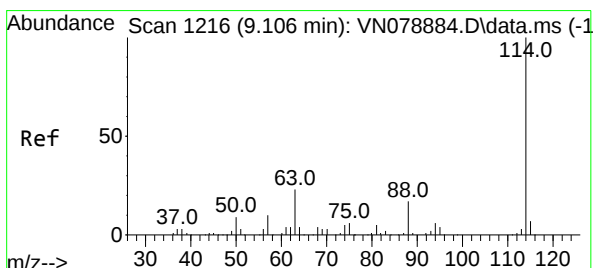
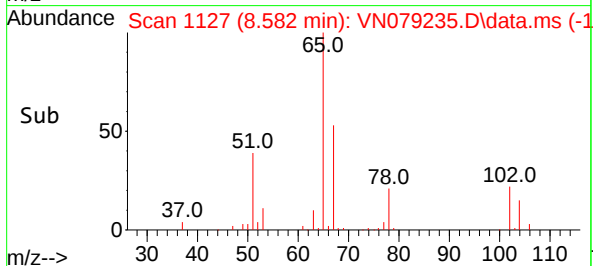
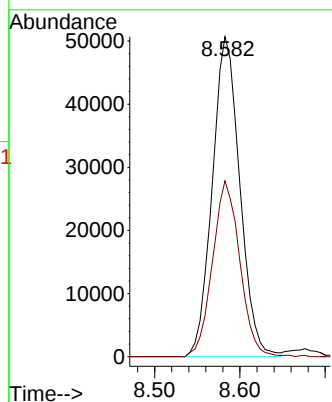
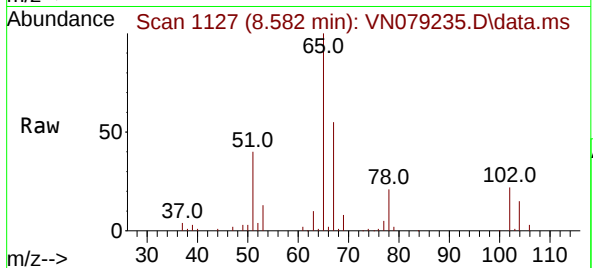
#33
1,2-Dichloroethane-d4
Concen: 47.205 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

Tgt Ion: 65 Resp: 11367
Ion Ratio Lower Upper
65 100
67 54.4 0.0 106.6

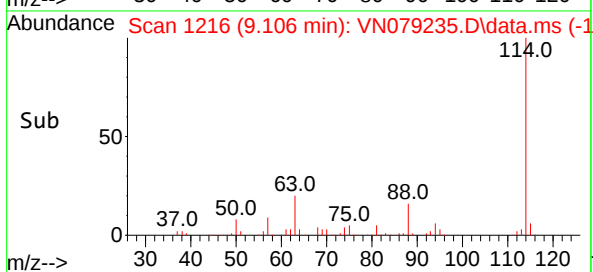
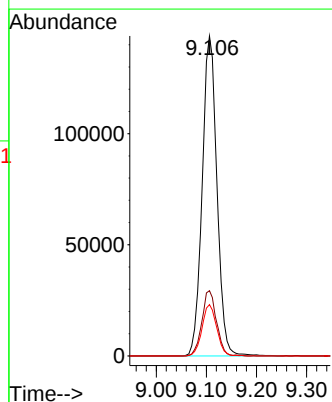
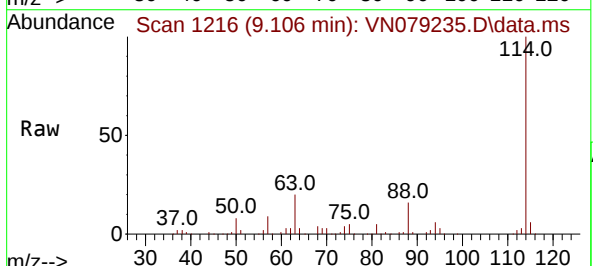
Manual Integrations
APPROVED

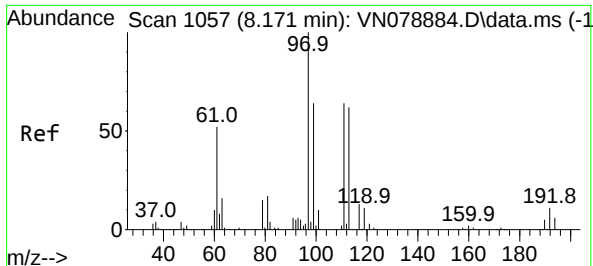
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

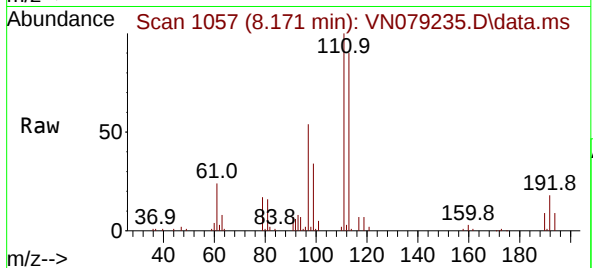
Tgt Ion:114 Resp: 294511
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.4
88 16.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.829 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

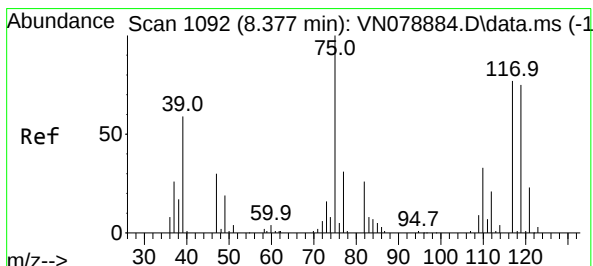
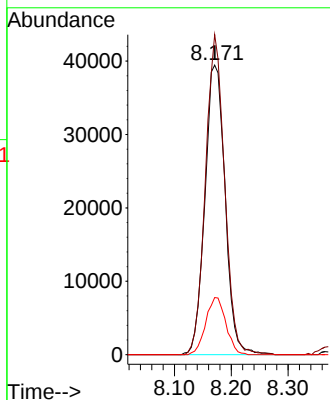
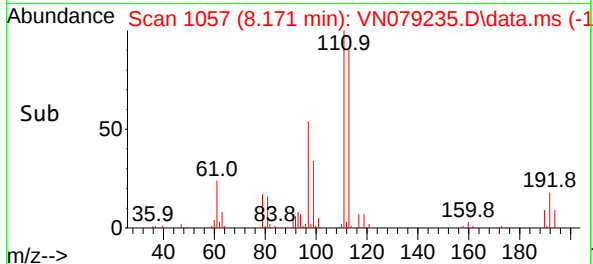
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



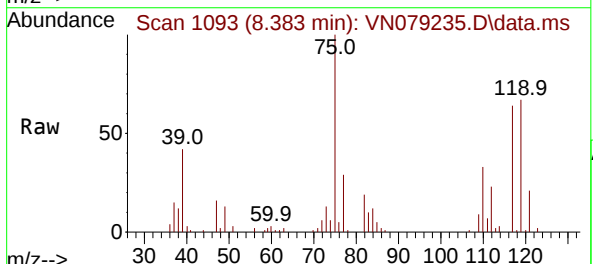
Tgt Ion: 113 Resp: 97610
Ion Ratio Lower Upper
113 100
111 104.7 82.6 123.8
192 19.6 12.7 19.1

Manual Integrations
APPROVED

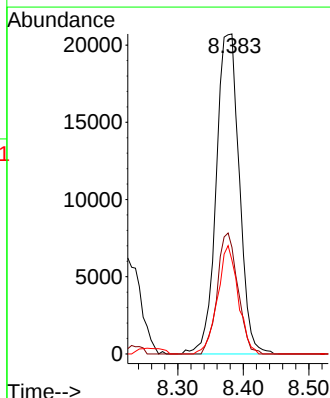
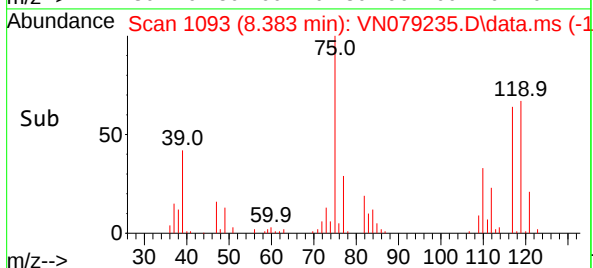
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

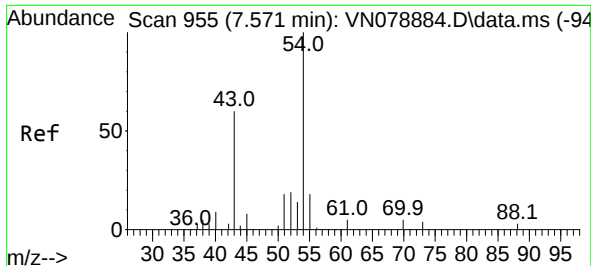


#36
1,1-Dichloropropene
Concen: 16.729 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.005 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11



Tgt Ion: 75 Resp: 50516
Ion Ratio Lower Upper
75 100
110 33.8 19.1 57.3
77 30.3 25.0 37.4





#37

Ethyl Acetate

Concen: 16.585 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079235.D

Acq: 12 Sep 2023 13:11

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

Tgt Ion: 43 Resp: 4995

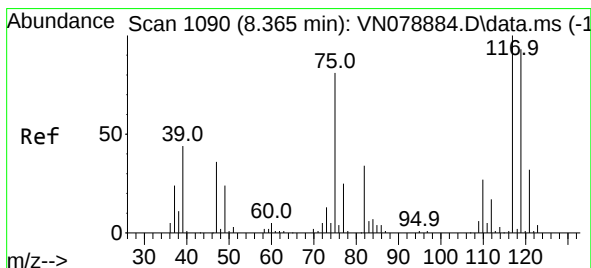
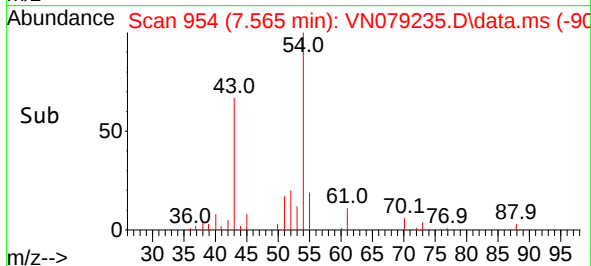
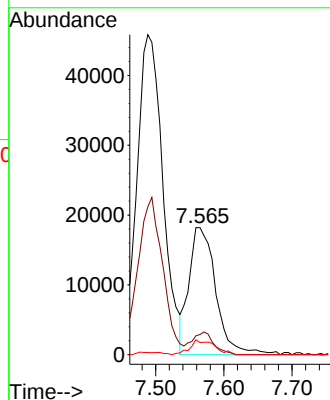
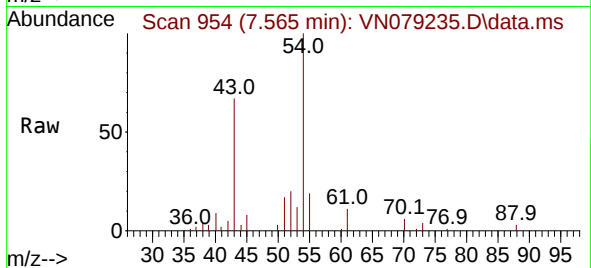
Ion	Ratio	Lower	Upper
43	100		
61	14.4	13.2	19.8
70	10.4	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#38

Carbon Tetrachloride

Concen: 16.505 ug/l

RT: 8.365 min Scan# 1090

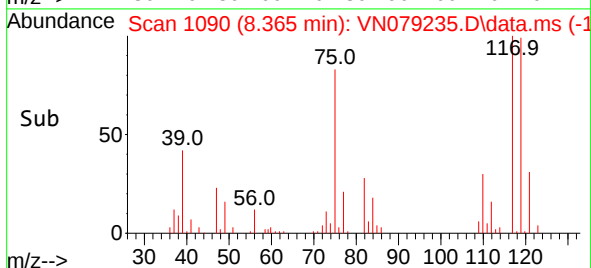
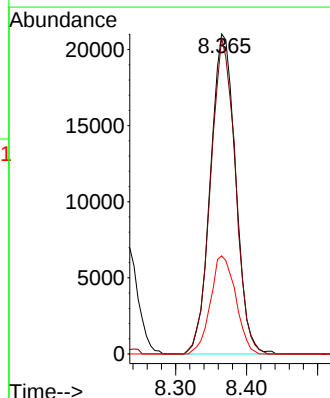
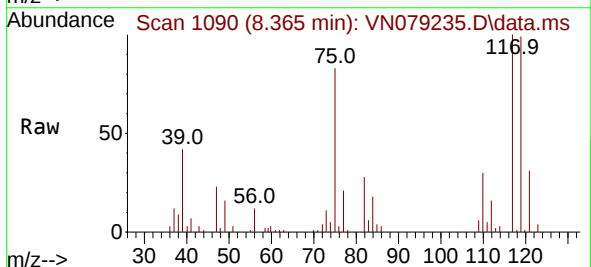
Delta R.T. -0.006 min

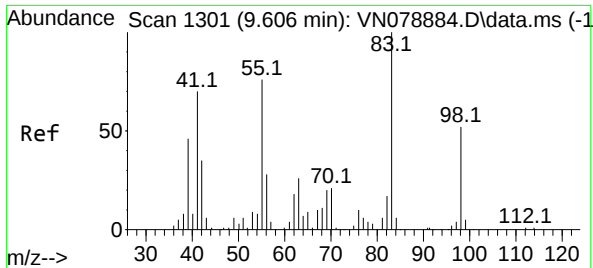
Lab File: VN079235.D

Acq: 12 Sep 2023 13:11

Tgt Ion: 117 Resp: 51574

Ion	Ratio	Lower	Upper
117	100		
119	98.8	77.3	115.9
121	30.7	23.3	34.9





#39

Methylcyclohexane

Concen: 17.761 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079235.D

Acq: 12 Sep 2023 13:11

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

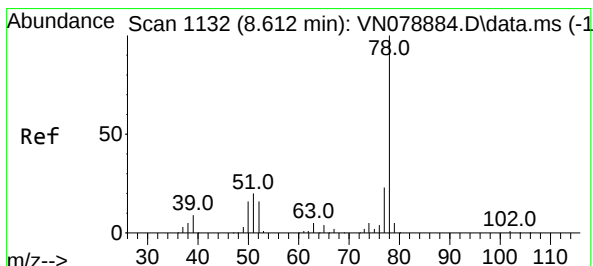
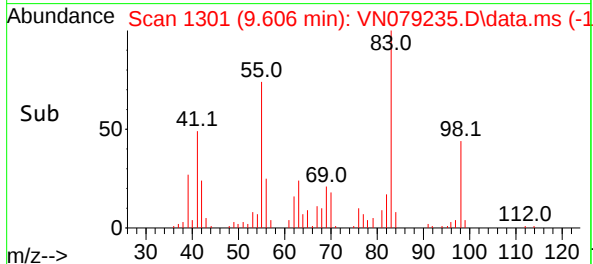
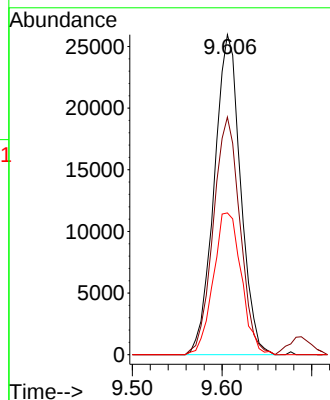
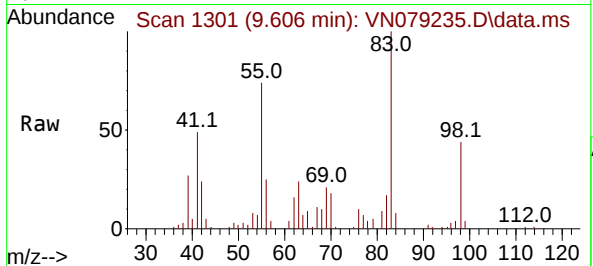
Tgt Ion: 83	Resp: 52902
Ion Ratio	Lower Upper
83	100
55	74.2 49.1 73.7
98	44.3 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#40

Benzene

Concen: 17.021 ug/l

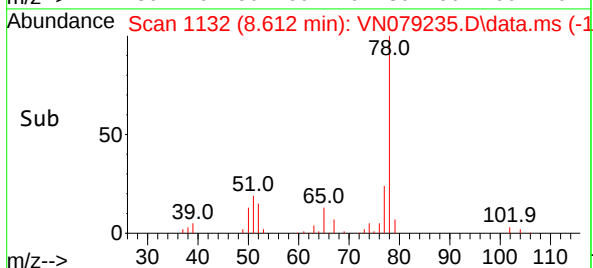
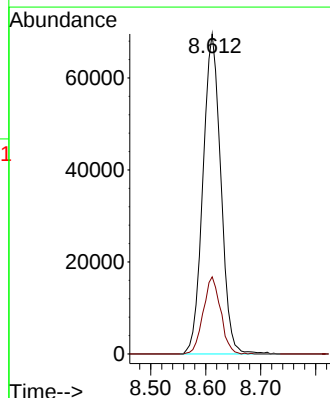
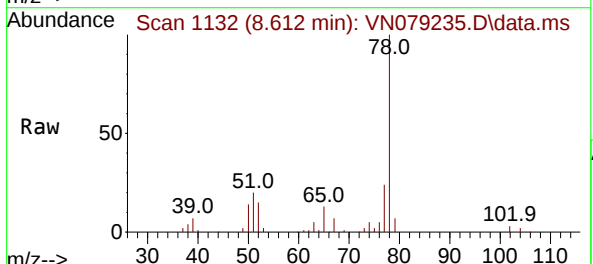
RT: 8.612 min Scan# 1132

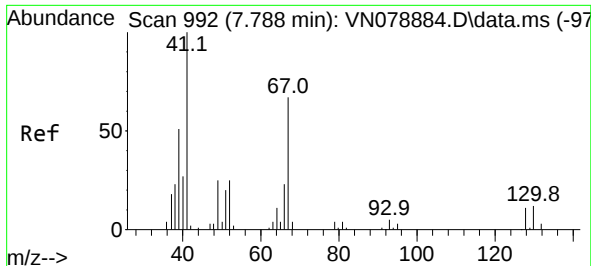
Delta R.T. -0.000 min

Lab File: VN079235.D

Acq: 12 Sep 2023 13:11

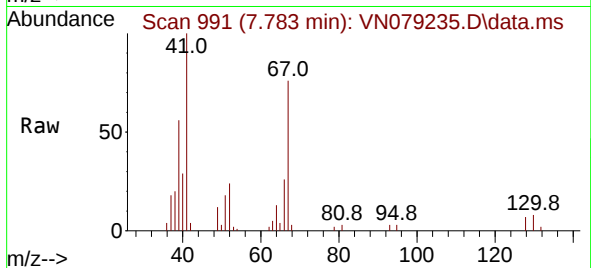
Tgt Ion: 78	Resp: 157341
Ion Ratio	Lower Upper
78	100
77	24.1 19.0 28.6





#41
Methacrylonitrile
Concen: 17.193 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

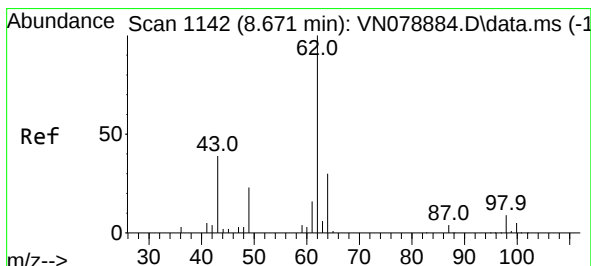
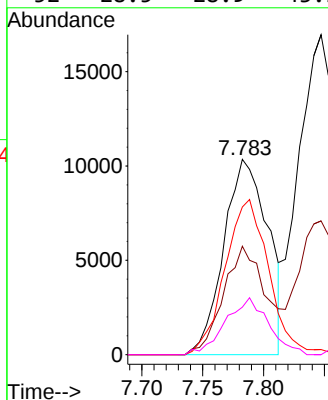
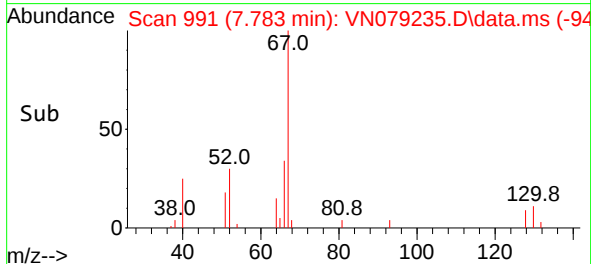
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



Tgt Ion:	41	Resp:	26109
Ion Ratio	100	Lower	Upper
39	55.8	42.6	64.0
67	79.0	77.5	116.3
52	28.5	28.9	43.3

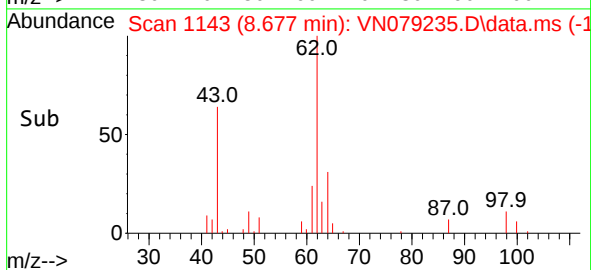
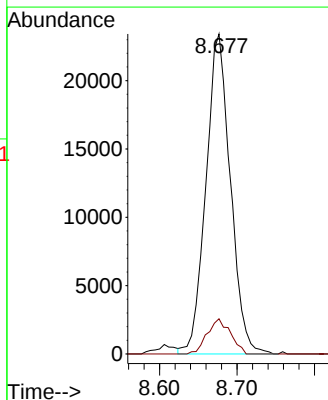
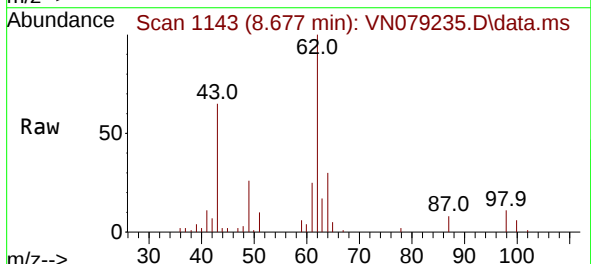
Manual Integrations
APPROVED

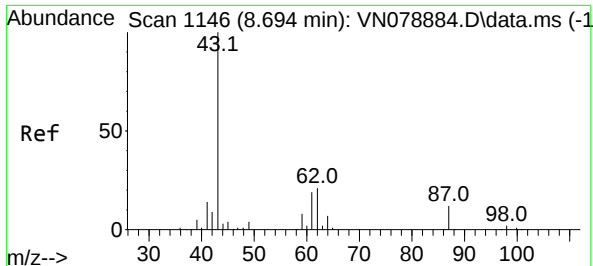
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#42
1,2-Dichloroethane
Concen: 16.152 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

Tgt Ion:	62	Resp:	51399
Ion Ratio	100	Lower	Upper
98	10.4	0.0	19.8





#43

Isopropyl Acetate

Concen: 15.064 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079235.D

Acq: 12 Sep 2023 13:11

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

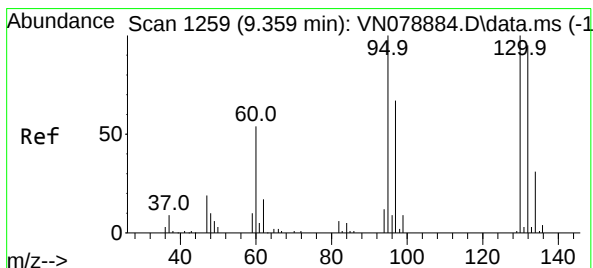
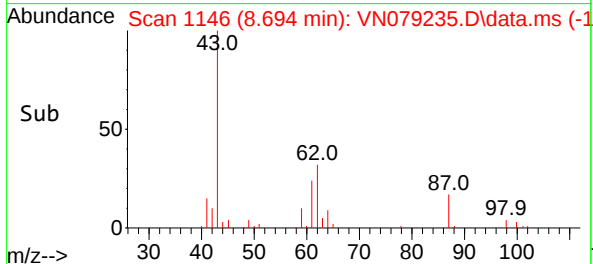
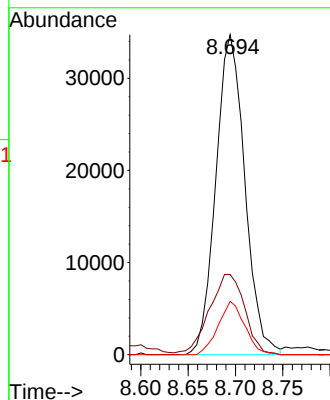
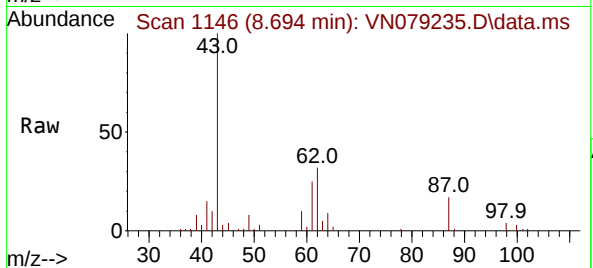
Tgt Ion: 43	Resp: 7403
Ion Ratio	Lower Upper
43	100
61	30.5 24.7 37.1
87	15.2 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#44

Trichloroethene

Concen: 16.923 ug/l

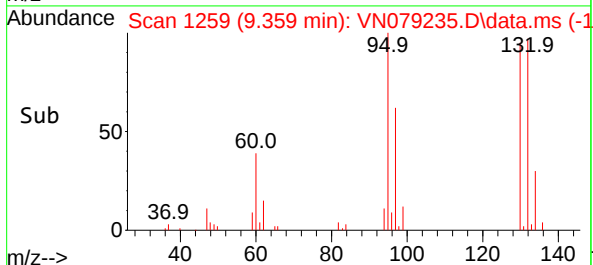
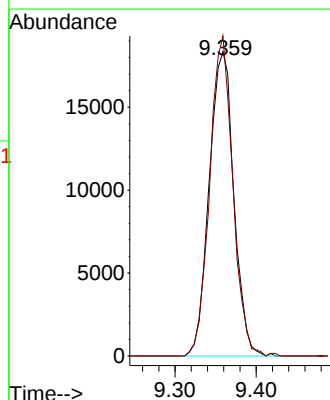
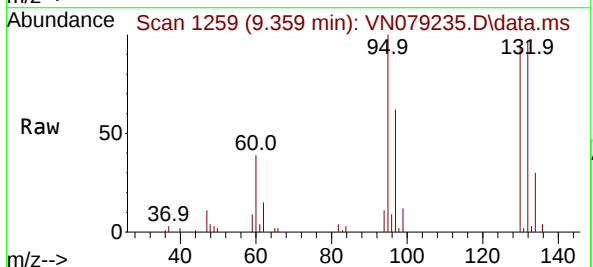
RT: 9.359 min Scan# 1259

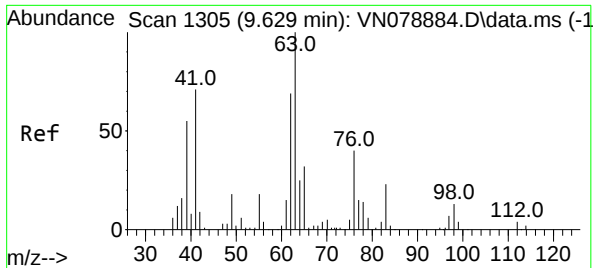
Delta R.T. -0.000 min

Lab File: VN079235.D

Acq: 12 Sep 2023 13:11

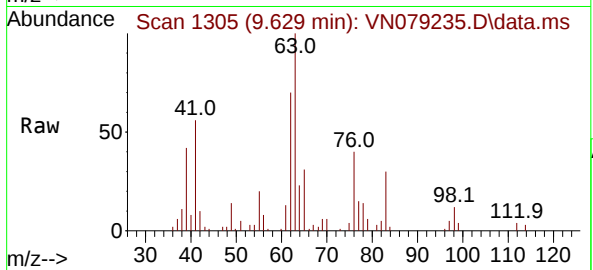
Tgt Ion:130	Resp: 38536
Ion Ratio	Lower Upper
130	100
95	105.1 0.0 204.6





#45
1,2-Dichloropropane
Concen: 18.011 ug/l
RT: 9.629 min Scan# 1305
Delta R.T. 0.005 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

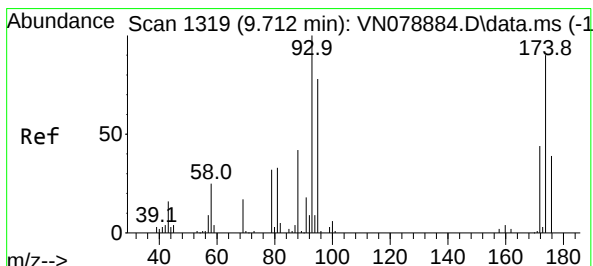
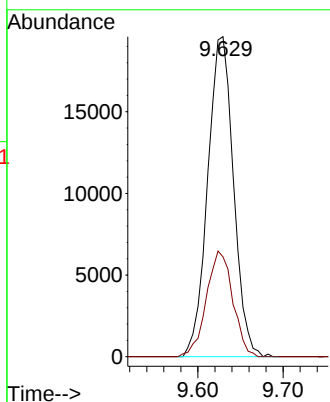
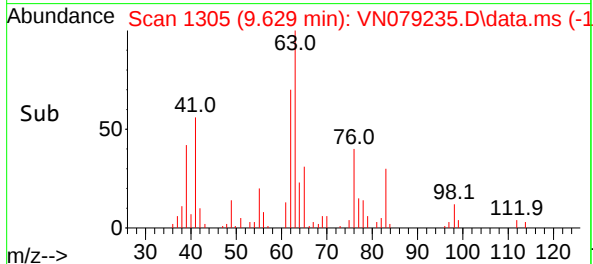
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



Tgt Ion: 63 Resp: 41318
Ion Ratio Lower Upper
63 100
65 31.2 23.9 35.9

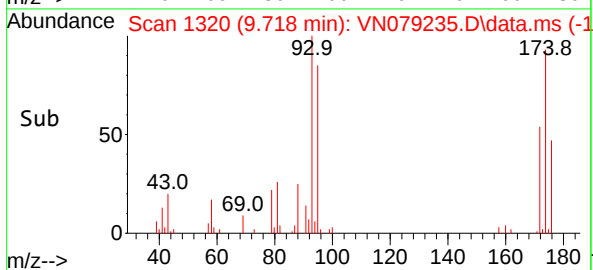
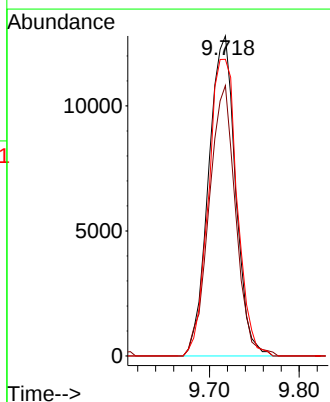
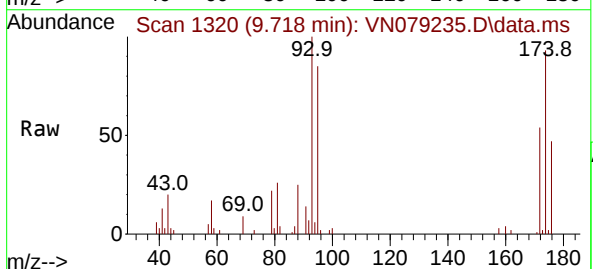
Manual Integrations
APPROVED

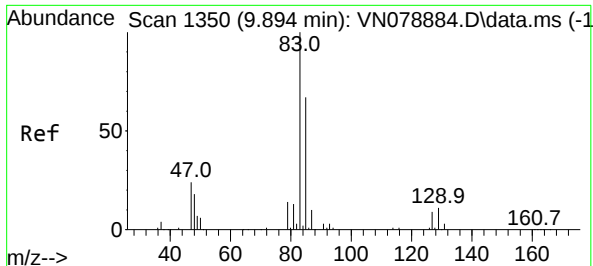
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#46
Dibromomethane
Concen: 17.132 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

Tgt Ion: 93 Resp: 26680
Ion Ratio Lower Upper
93 100
95 83.4 63.8 95.8
174 98.3 65.6 98.4





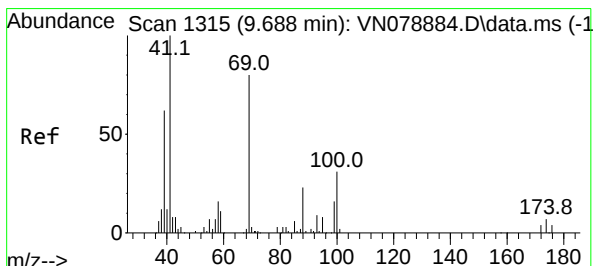
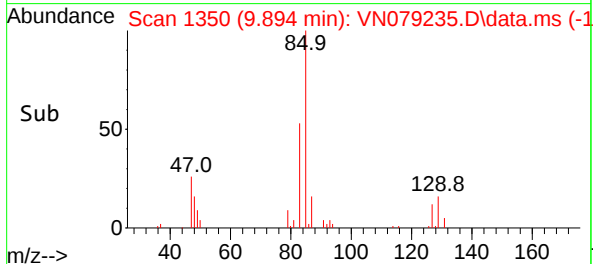
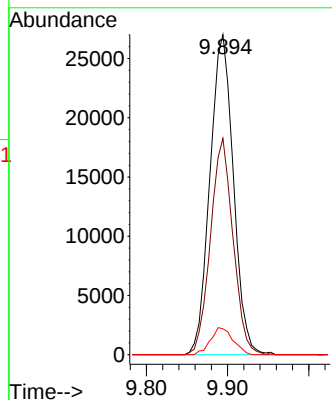
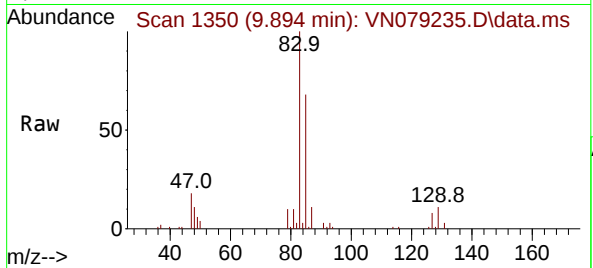
#47
Bromodichloromethane
Concen: 16.973 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

Tgt Ion: 83 Resp: 5414
Ion Ratio Lower Upper
83 100
85 67.5 49.6 74.4
127 8.1 7.0 10.6

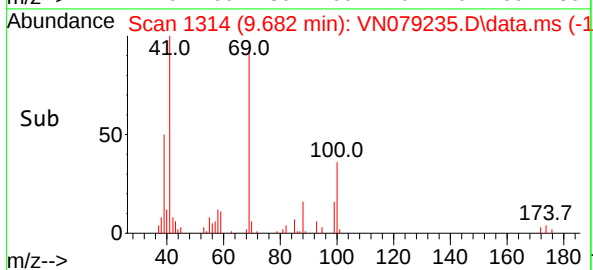
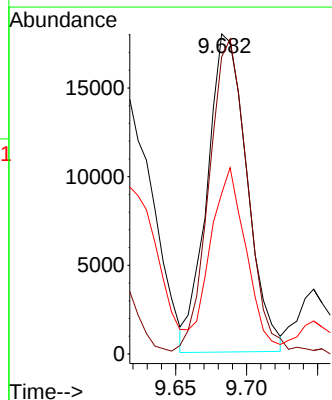
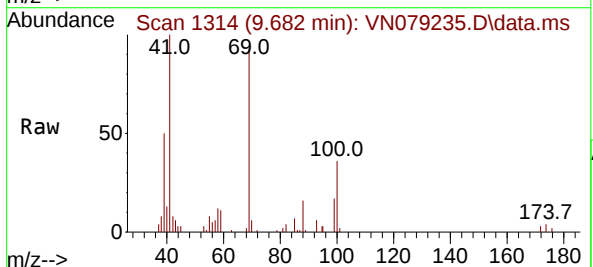
Manual Integrations
APPROVED

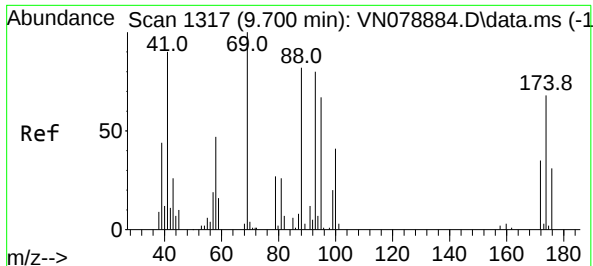
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#48
Methyl methacrylate
Concen: 15.901 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

Tgt Ion: 41 Resp: 35001
Ion Ratio Lower Upper
41 100
69 96.7 90.4 135.6
39 53.2 54.6 81.8





#49

1,4-Dioxane

Concen: 327.639 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN079235.D

Acq: 12 Sep 2023 13:11

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

Tgt Ion: 88 Resp: 14834

Ion Ratio Lower Upper

88 100

43 26.6 17.0 25.6

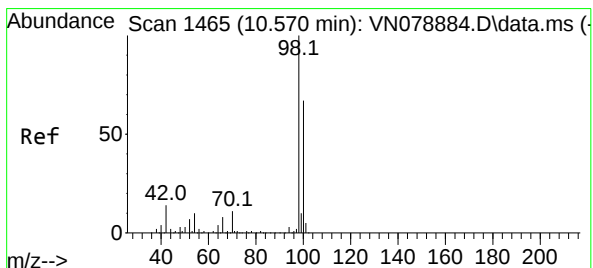
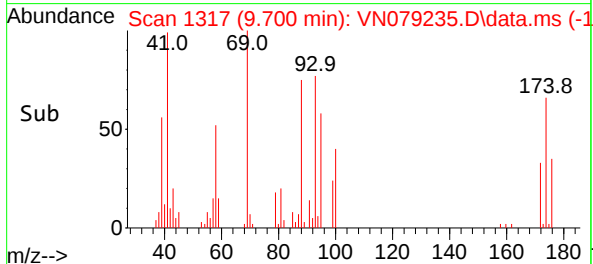
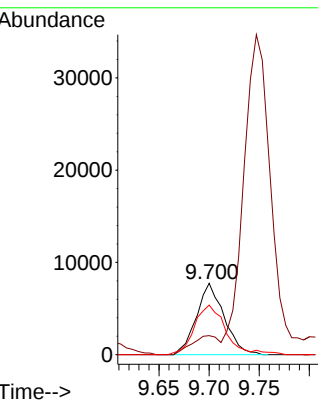
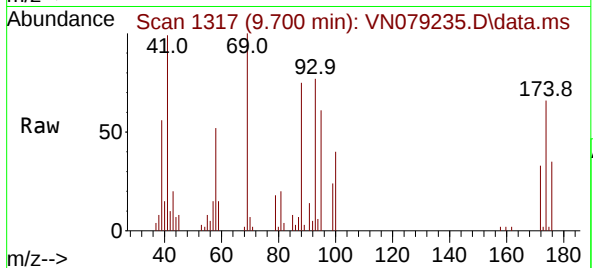
58 79.1 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#50

Toluene-d8

Concen: 51.314 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079235.D

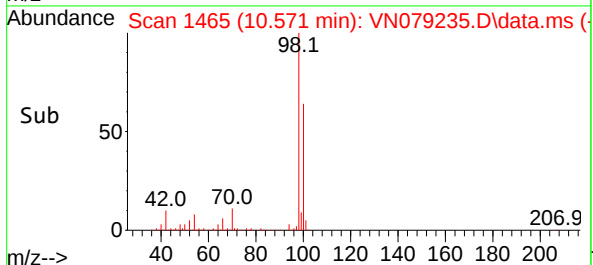
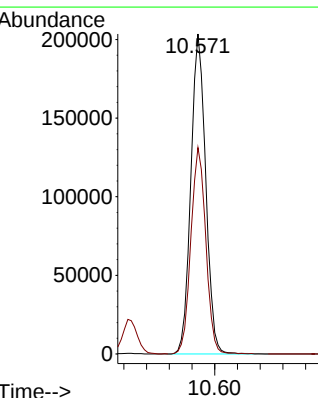
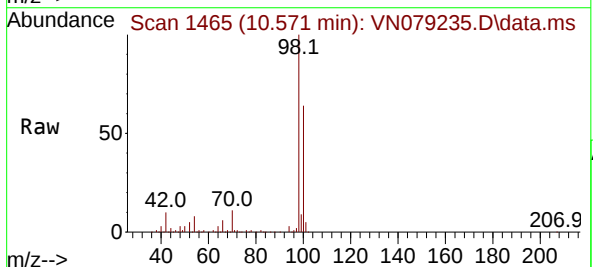
Acq: 12 Sep 2023 13:11

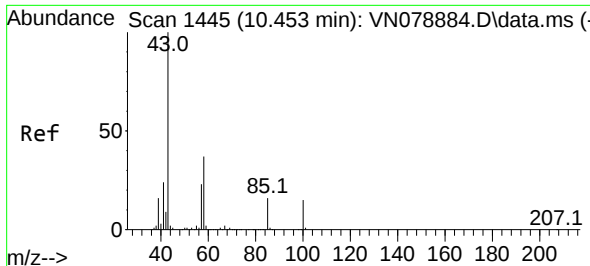
Tgt Ion: 98 Resp: 369114

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0





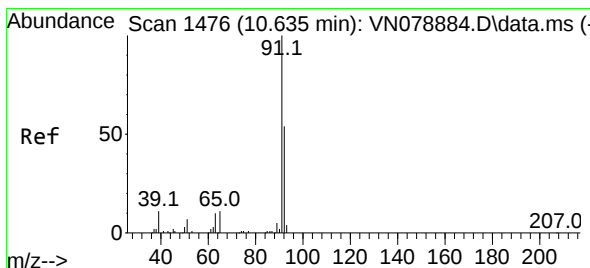
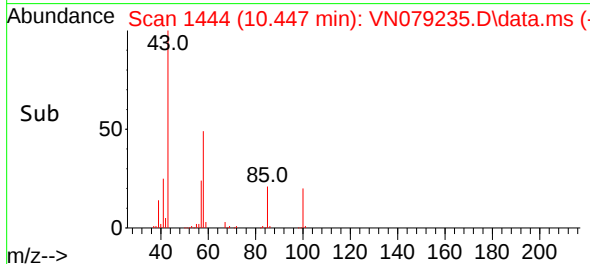
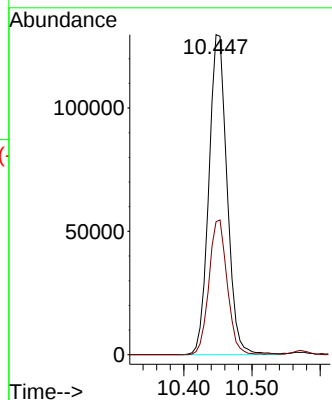
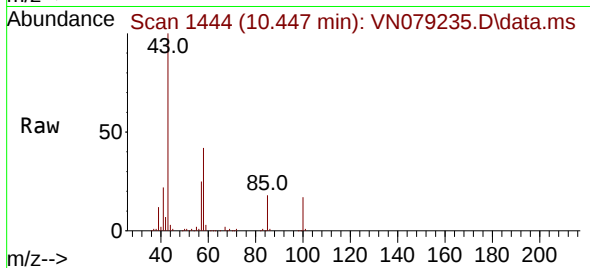
#51
4-Methyl-2-Pentanone
Concen: 84.610 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

Tgt Ion: 43 Resp: 241372
Ion Ratio Lower Upper
43 100
58 42.1 36.6 54.8

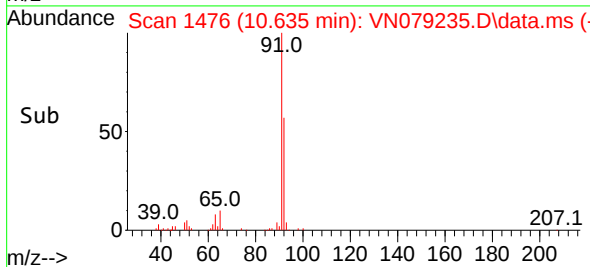
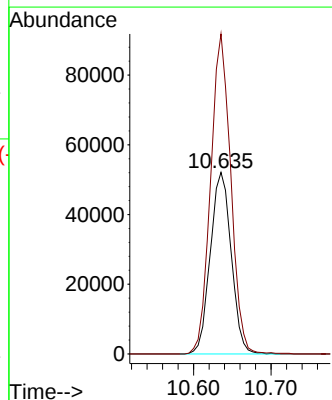
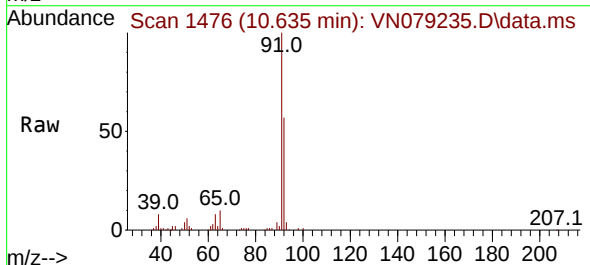
Manual Integrations
APPROVED

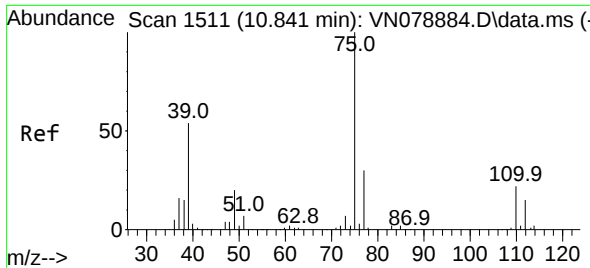
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#52
Toluene
Concen: 17.175 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

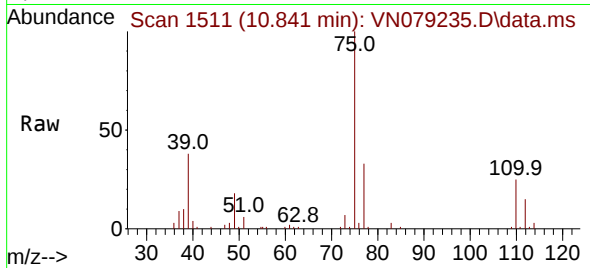
Tgt Ion: 92 Resp: 97570
Ion Ratio Lower Upper
92 100
91 169.8 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 16.344 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

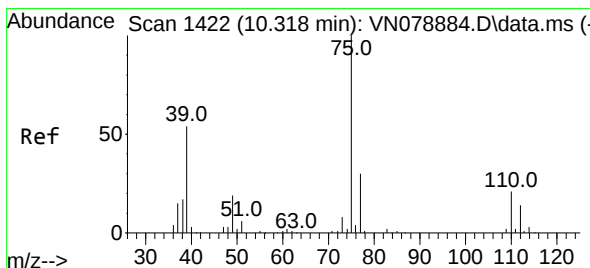
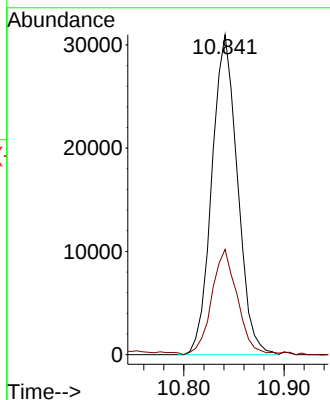
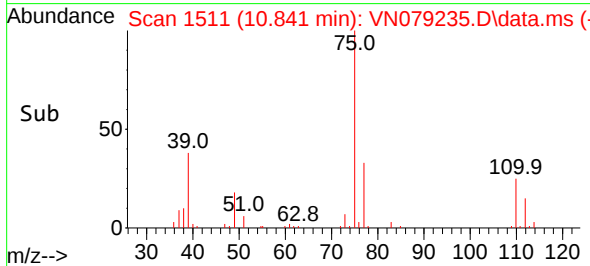
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



Tgt Ion: 75 Resp: 5497
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0

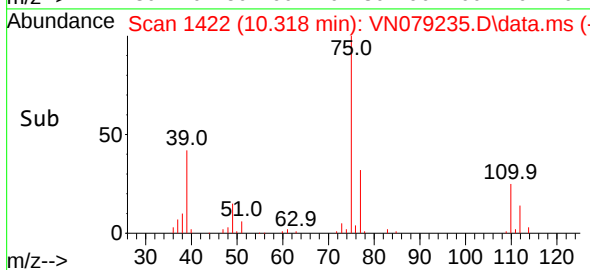
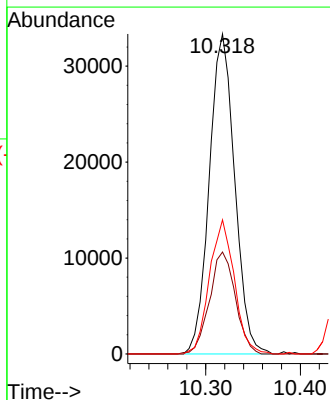
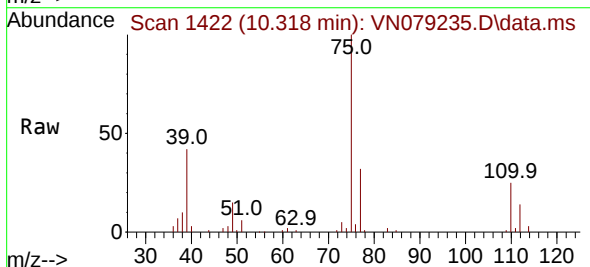
Manual Integrations
APPROVED

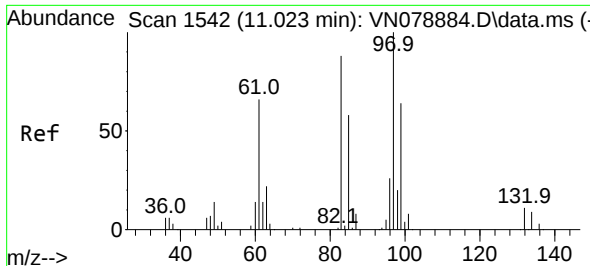
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#54
cis-1,3-Dichloropropene
Concen: 17.257 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

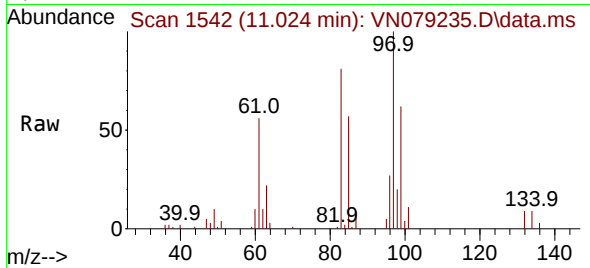
Tgt Ion: 75 Resp: 62081
Ion Ratio Lower Upper
75 100
77 31.8 26.1 39.1
39 41.9 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 17.142 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

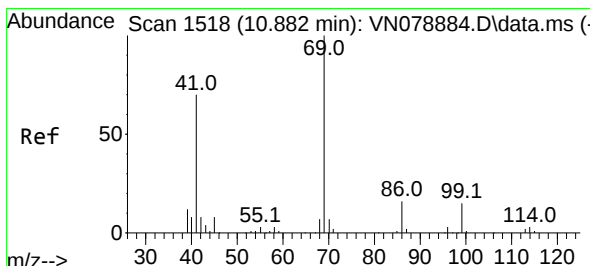
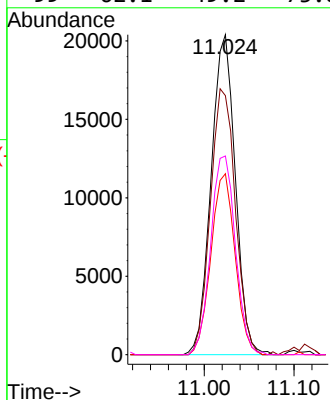
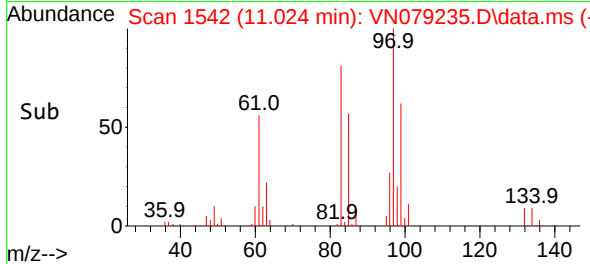
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



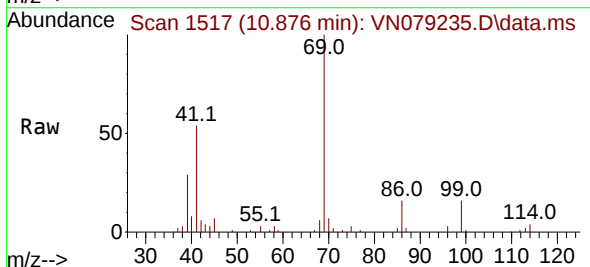
Tgt Ion:	97	Resp:	3821
Ion	Ratio	Lower	Upper
97	100		
83	80.9	65.1	97.7
85	56.5	43.4	65.2
99	62.1	49.2	73.8

Manual Integrations
APPROVED

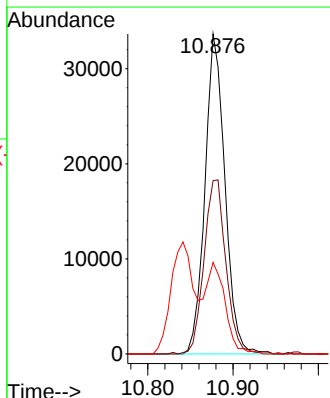
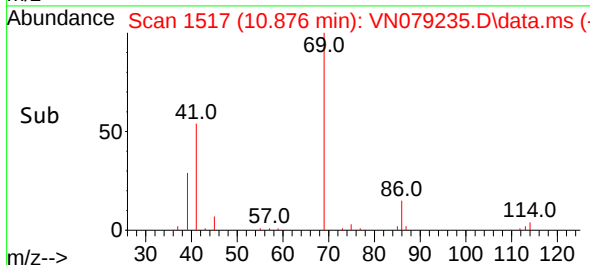
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

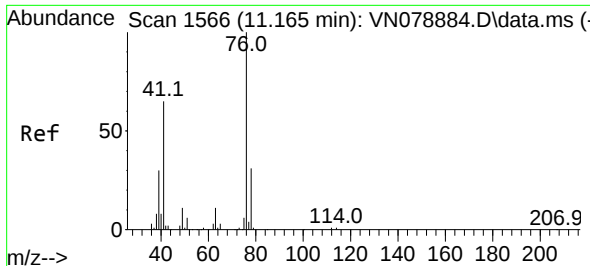


#56
Ethyl methacrylate
Concen: 17.383 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11



Tgt Ion:	69	Resp:	54697
Ion	Ratio	Lower	Upper
69	100		
41	60.0	39.6	59.4
39	29.3	28.6	43.0





#57

1,3-Dichloropropane

Concen: 17.036 ug/l

RT: 11.171 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN079235.D

Acq: 12 Sep 2023 13:11

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

Tgt Ion: 76 Resp: 6564

Ion Ratio Lower Upper

76 100

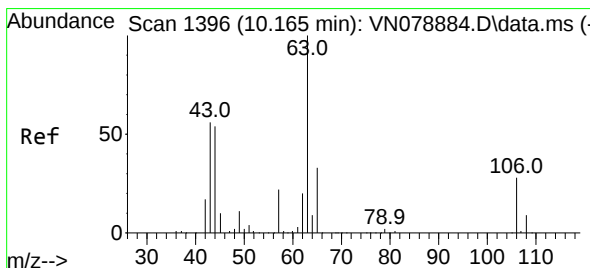
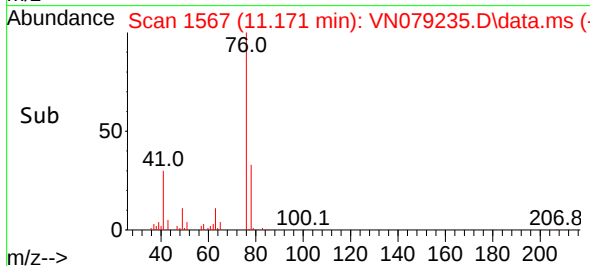
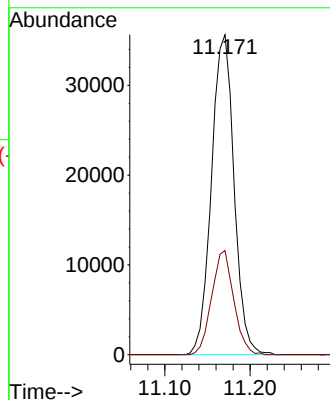
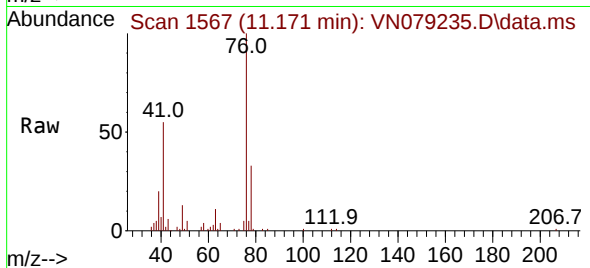
78 31.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 86.152 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079235.D

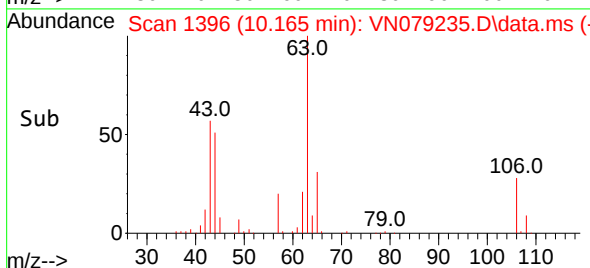
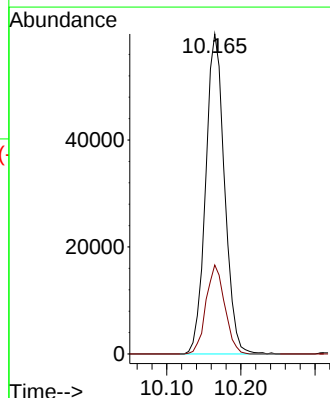
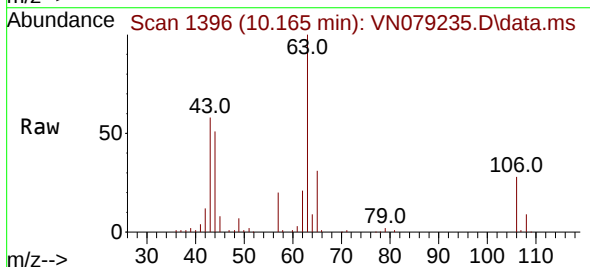
Acq: 12 Sep 2023 13:11

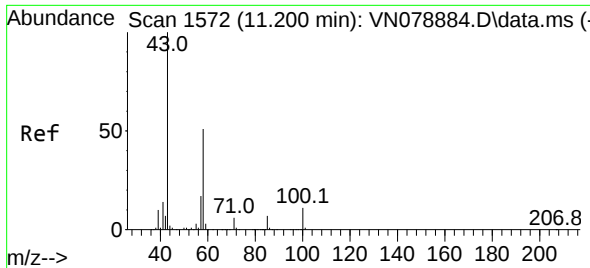
Tgt Ion: 63 Resp: 105781

Ion Ratio Lower Upper

63 100

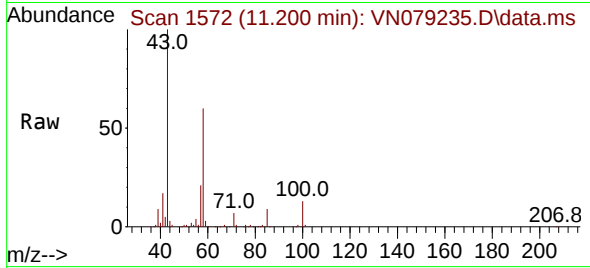
106 27.6 26.2 39.4





#59
2-Hexanone
Concen: 83.481 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

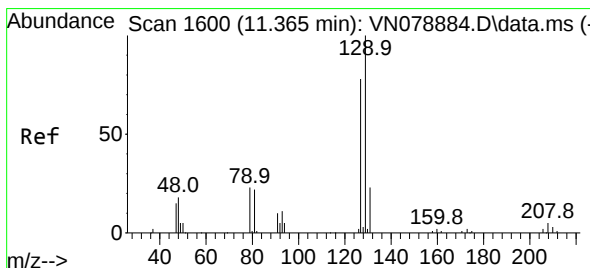
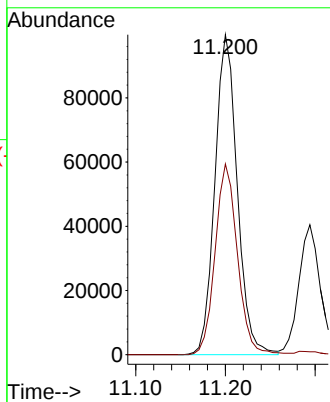
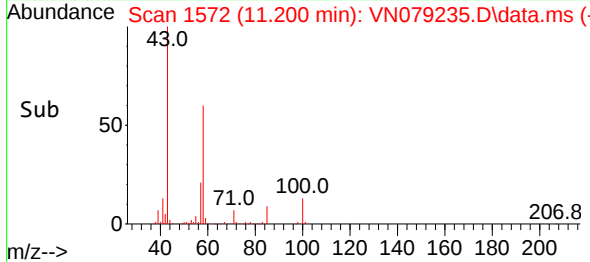
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



Tgt Ion: 43 Resp: 172490
Ion Ratio Lower Upper
43 100
58 59.5 31.7 95.1

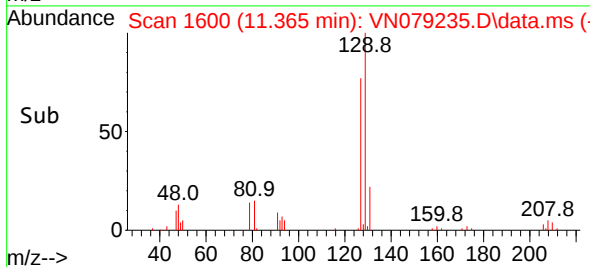
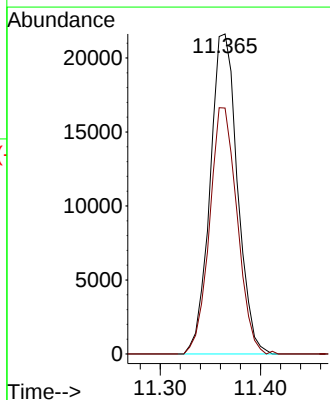
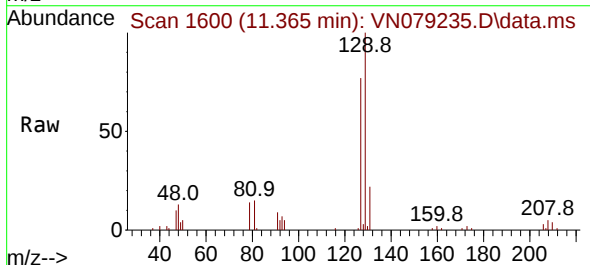
Manual Integrations
APPROVED

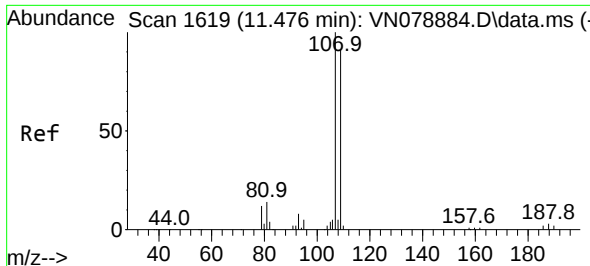
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#60
Dibromochloromethane
Concen: 17.294 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

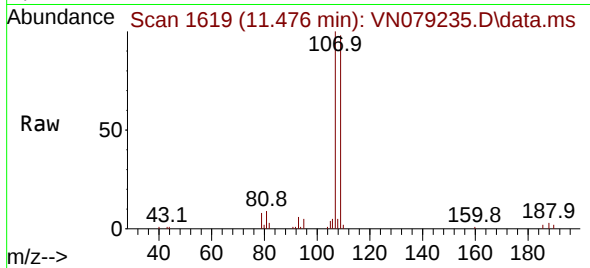
Tgt Ion:129 Resp: 41027
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 16.985 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

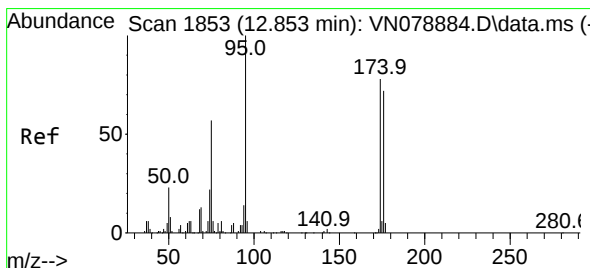
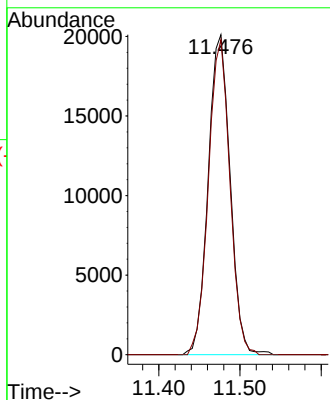
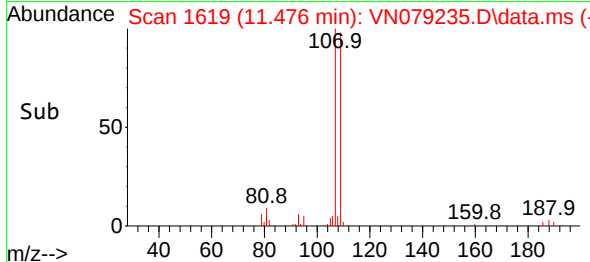
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



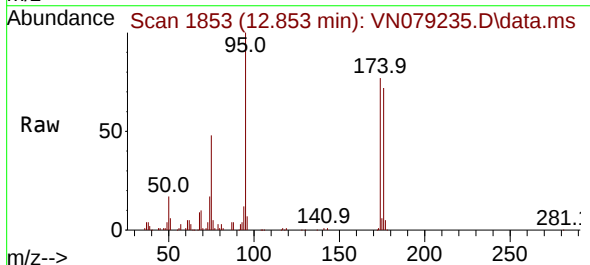
Tgt Ion:107 Resp: 37784
Ion Ratio Lower Upper
107 100
109 96.1 76.6 114.8

Manual Integrations
APPROVED

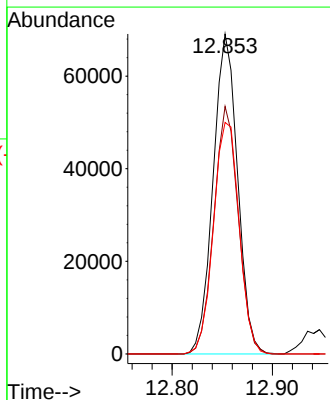
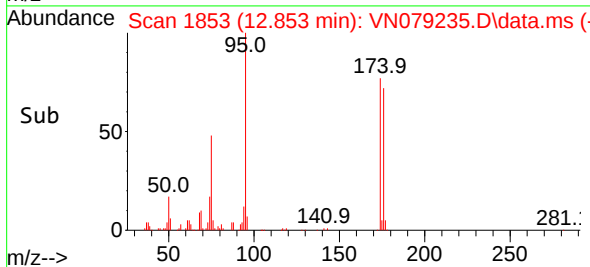
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

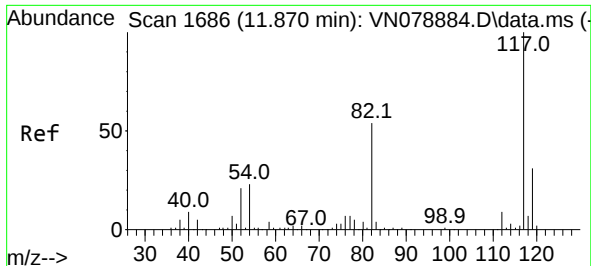


#62
4-Bromofluorobenzene
Concen: 51.074 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11



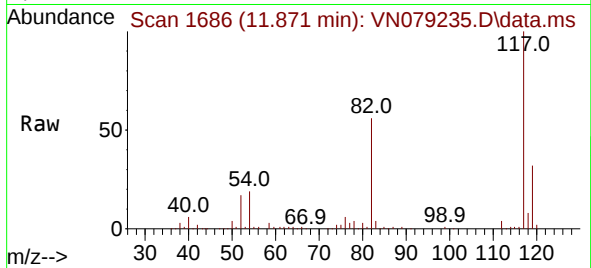
Tgt Ion: 95 Resp: 117190
Ion Ratio Lower Upper
95 100
174 77.2 0.0 143.8
176 76.1 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

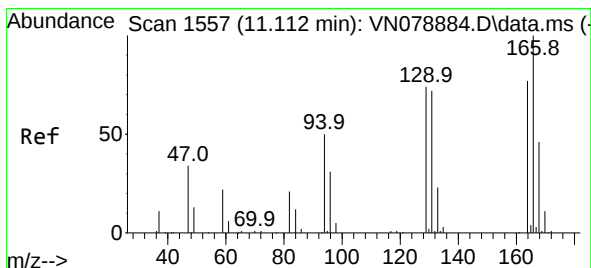
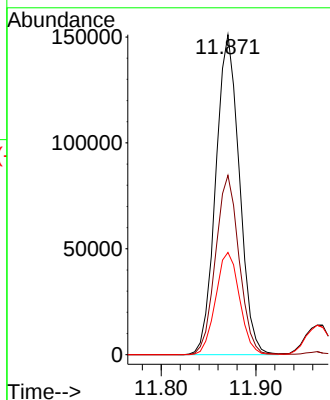
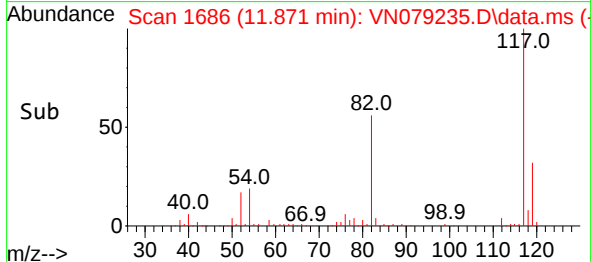
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



Tgt Ion:117 Resp: 26229
Ion Ratio Lower Upper
117 100
82 56.1 44.0 66.0
119 32.0 25.6 38.4

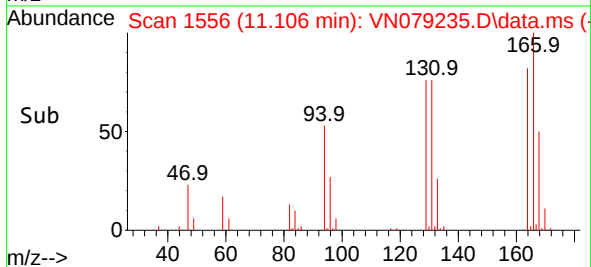
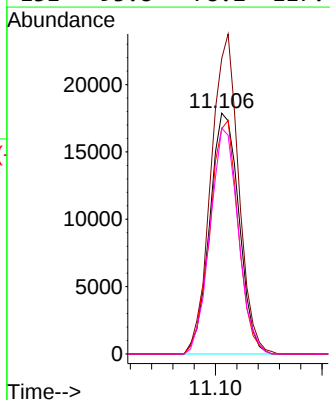
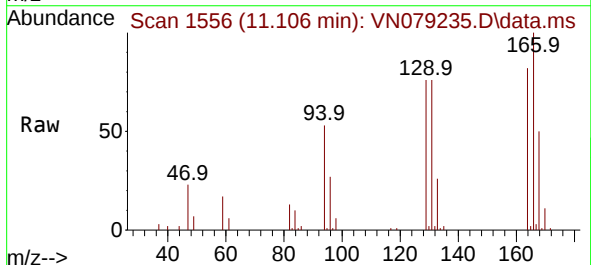
Manual Integrations
APPROVED

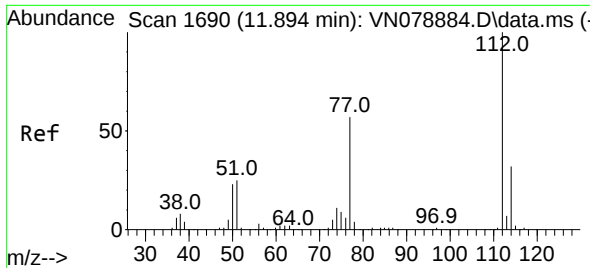
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#64
Tetrachloroethene
Concen: 17.832 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

Tgt Ion:164 Resp: 34106
Ion Ratio Lower Upper
164 100
166 122.6 101.4 152.0
129 93.5 82.4 123.6
131 93.8 78.2 117.4





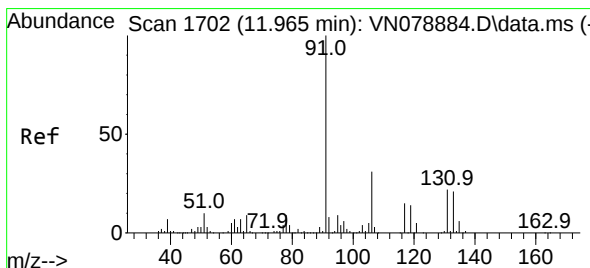
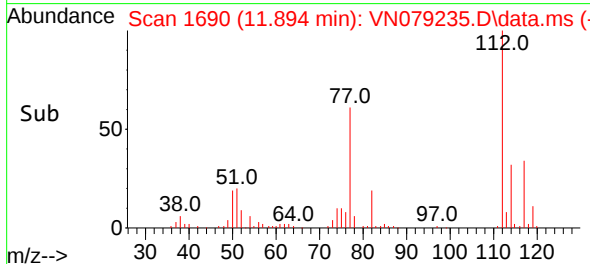
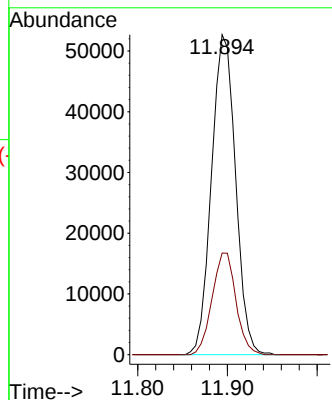
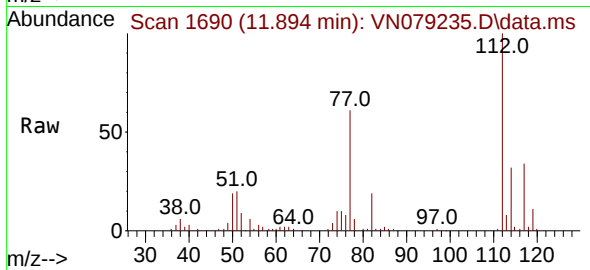
#65
Chlorobenzene
Concen: 16.498 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

Tgt Ion:112 Resp: 9803
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.4

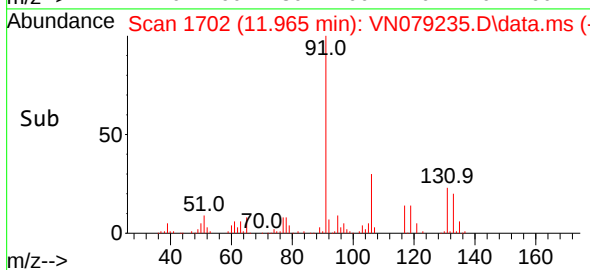
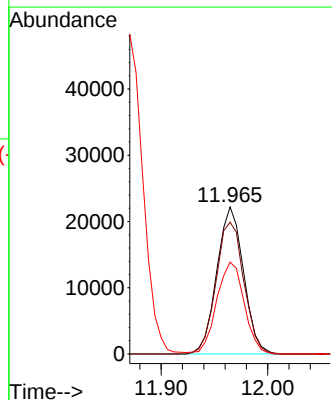
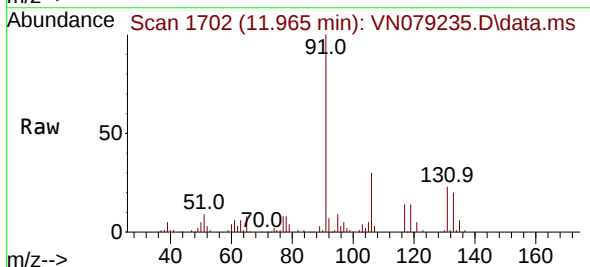
Manual Integrations
APPROVED

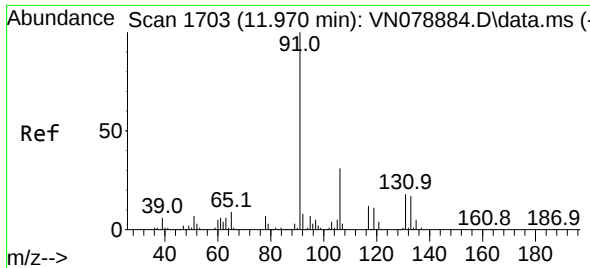
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 17.360 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

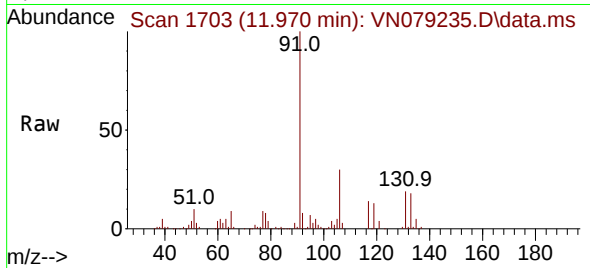
Tgt Ion:131 Resp: 38682
Ion Ratio Lower Upper
131 100
133 93.5 46.4 139.1
119 64.2 34.1 102.2





#67
Ethyl Benzene
Concen: 16.845 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

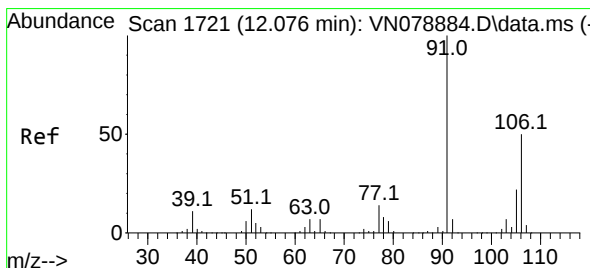
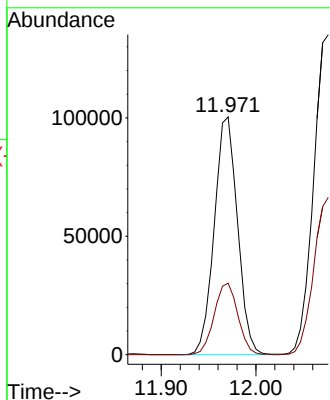
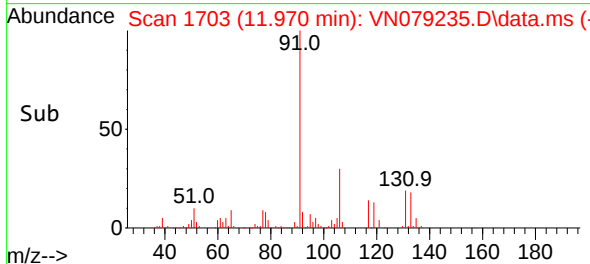
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



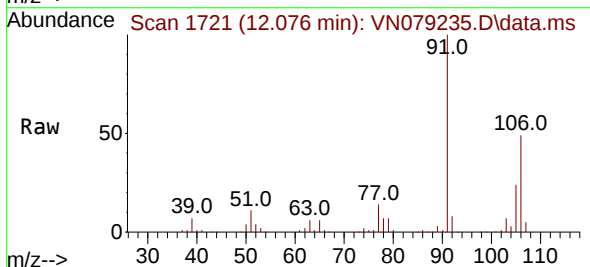
Tgt Ion: 91 Resp: 171208
Ion Ratio Lower Upper
91 100
106 30.1 25.6 38.4

Manual Integrations
APPROVED

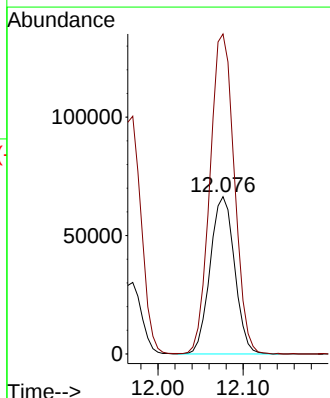
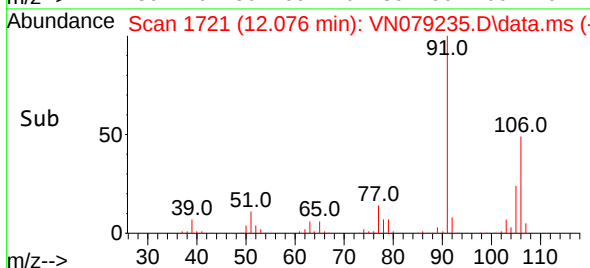
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

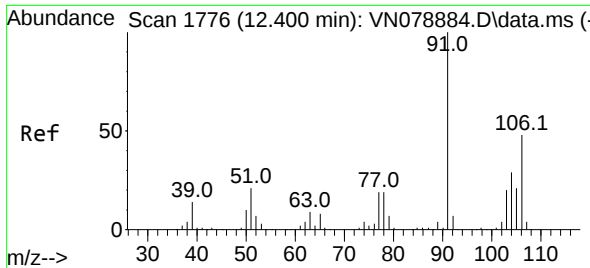


#68
m/p-Xylenes
Concen: 35.002 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11



Tgt Ion:106 Resp: 132602
Ion Ratio Lower Upper
106 100
91 203.2 159.6 239.4





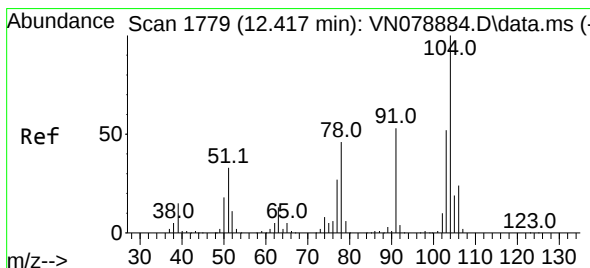
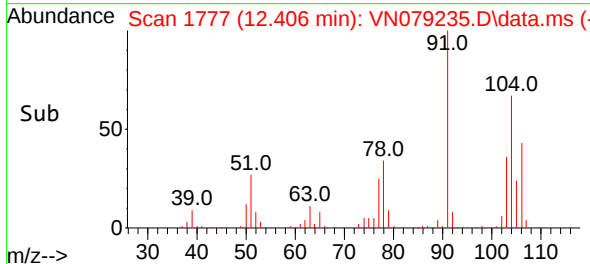
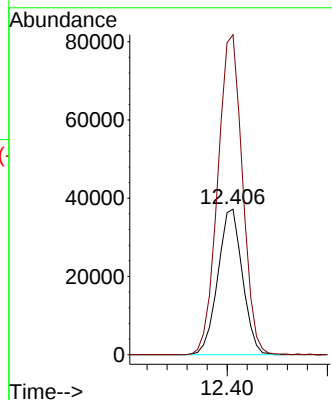
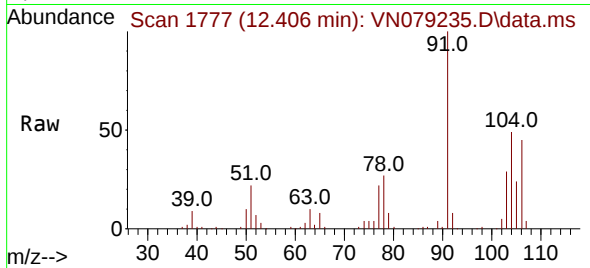
#69
o-Xylene
Concen: 17.419 ug/l
RT: 12.406 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

Tgt Ion:106 Resp: 63289
Ion Ratio Lower Upper
106 100
91 221.0 105.2 315.5

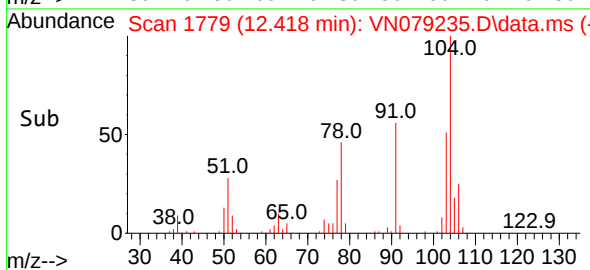
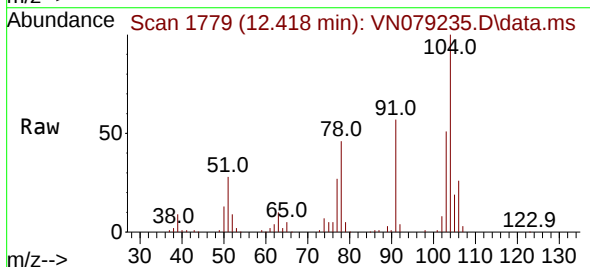
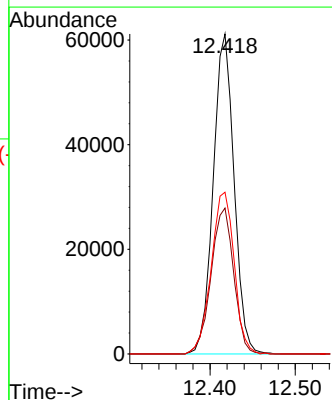
Manual Integrations
APPROVED

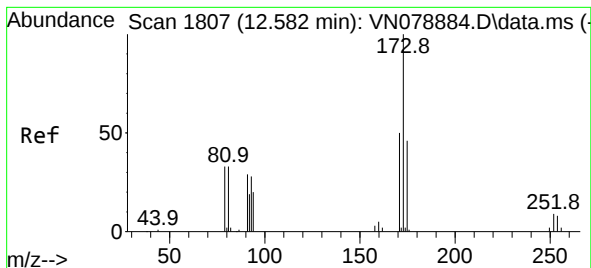
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#70
Styrene
Concen: 17.769 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

Tgt Ion:104 Resp: 103832
Ion Ratio Lower Upper
104 100
78 49.7 39.5 59.3
103 55.9 43.2 64.8





#71

Bromoform

Concen: 16.666 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079235.D

Acq: 12 Sep 2023 13:11

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

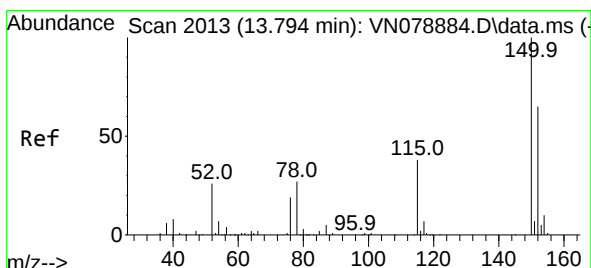
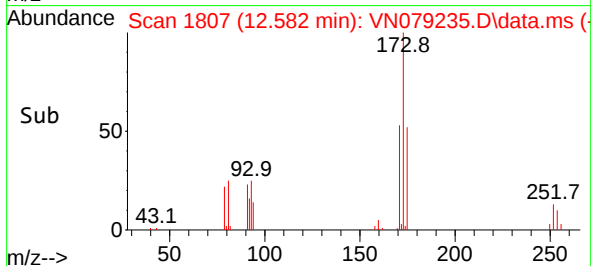
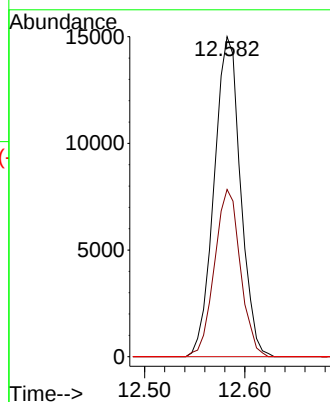
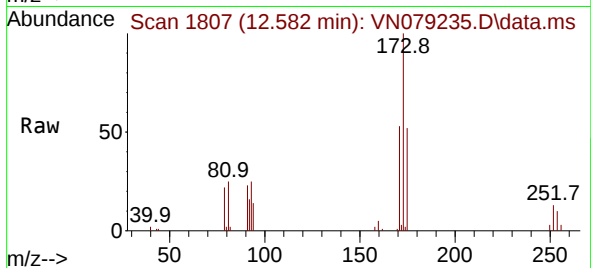
Tgt Ion:	173	Resp:	27414
Ion Ratio	Lower	Upper	
173	100		
175	51.3	24.3	73.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

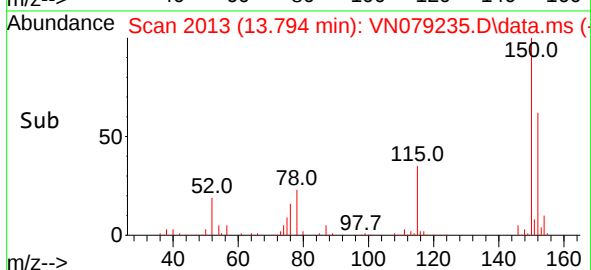
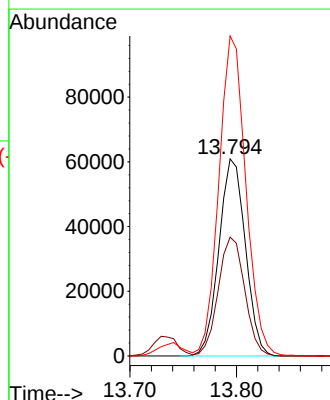
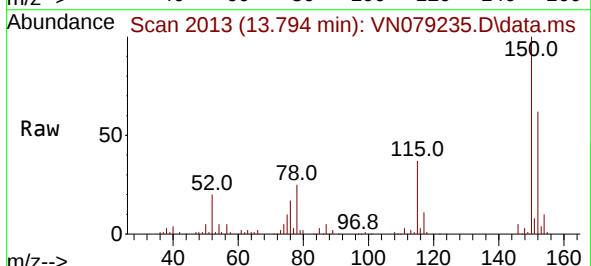
RT: 13.794 min Scan# 2013

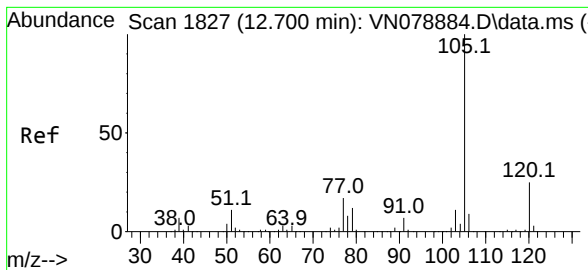
Delta R.T. -0.000 min

Lab File: VN079235.D

Acq: 12 Sep 2023 13:11

Tgt Ion:	152	Resp:	105157
Ion Ratio	Lower	Upper	
152	100		
115	60.3	32.3	96.8
150	165.1	0.0	355.8





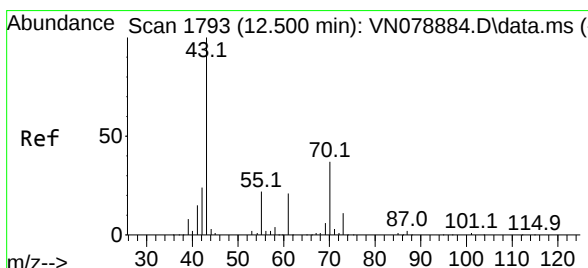
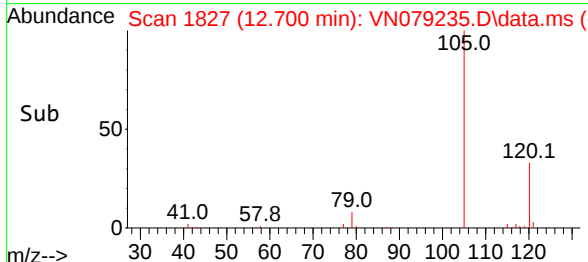
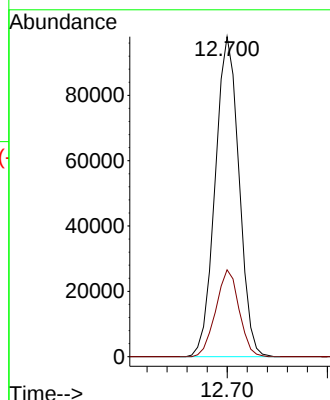
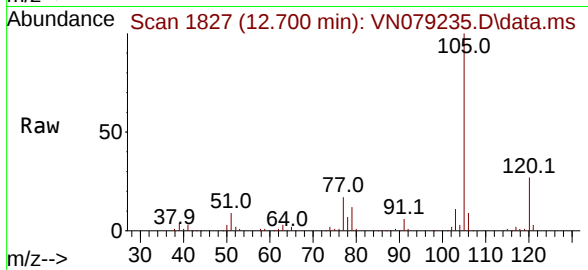
#73
Isopropylbenzene
Concen: 16.872 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

Tgt Ion:105 Resp: 161424
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1

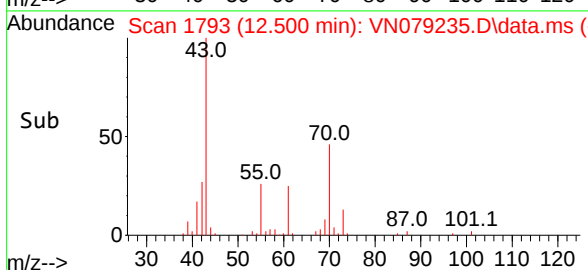
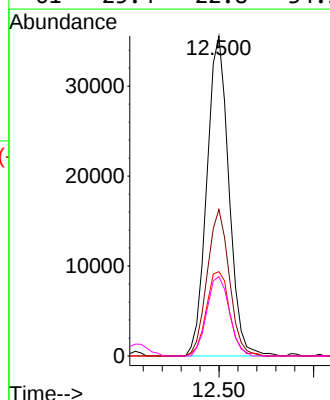
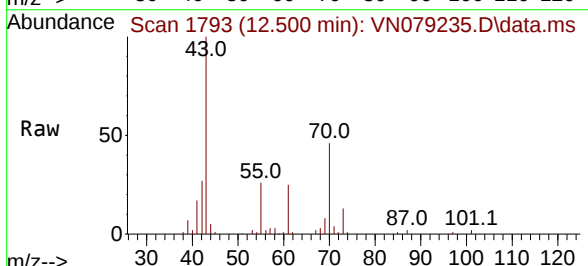
Manual Integrations
APPROVED

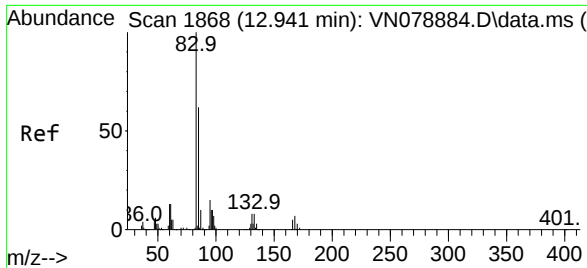
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#74
N-ethyl acetate
Concen: 15.832 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

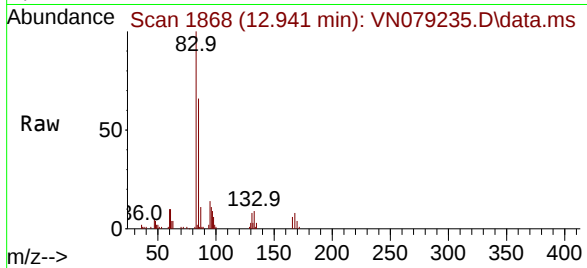
Tgt Ion: 43 Resp: 57468
Ion Ratio Lower Upper
43 100
70 45.8 43.4 65.2
55 27.8 21.4 32.0
61 25.4 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 15.653 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

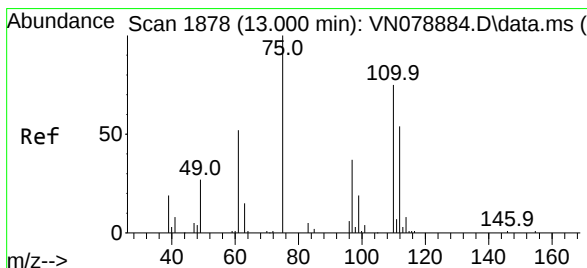
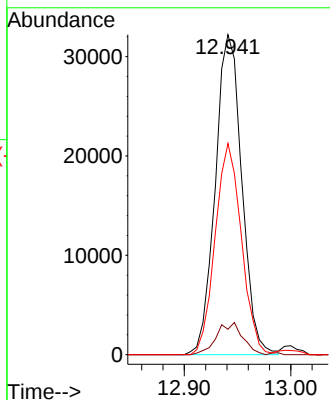
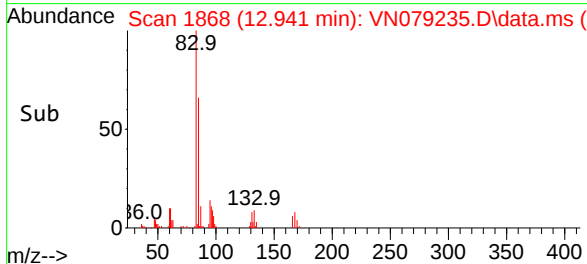
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



Tgt Ion: 83 Resp: 55760
Ion Ratio Lower Upper
83 100
131 9.9 5.0 15.0
85 65.2 31.9 95.7

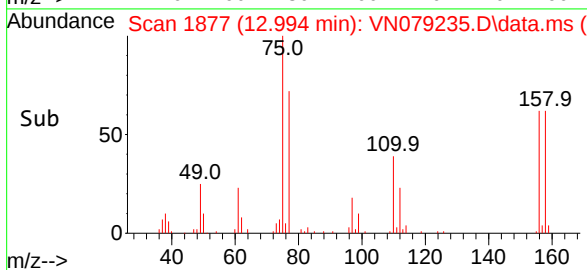
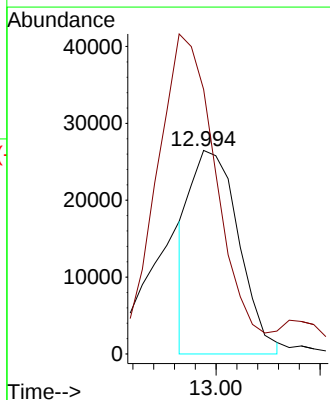
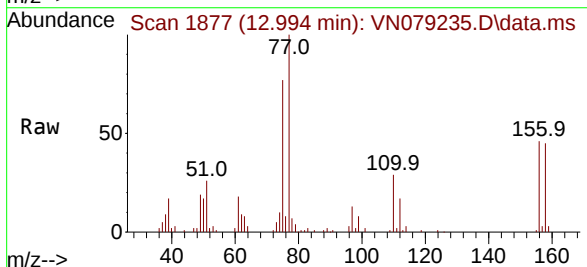
Manual Integrations
APPROVED

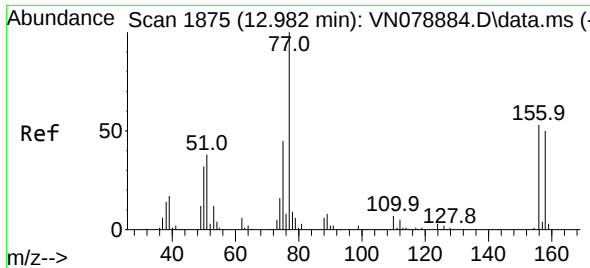
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#76
1,2,3-Trichloropropane
Concen: 15.200 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

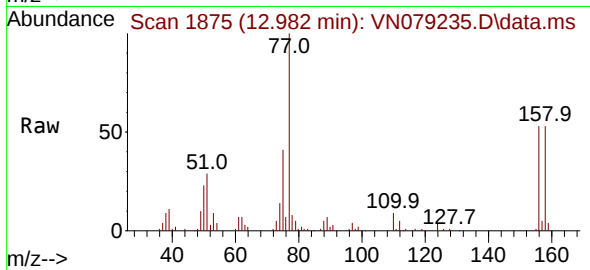
Tgt Ion: 75 Resp: 43079
Ion Ratio Lower Upper
75 100
77 195.0 84.5 253.5





#77
Bromobenzene
Concen: 16.005 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

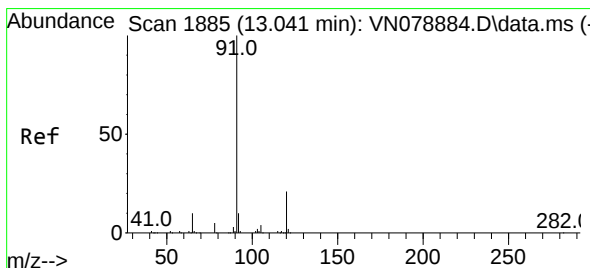
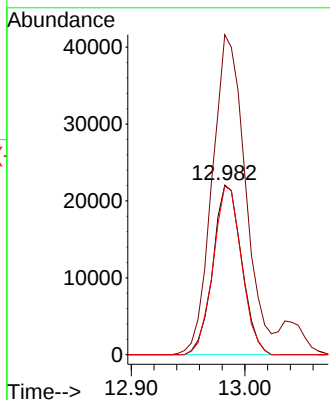
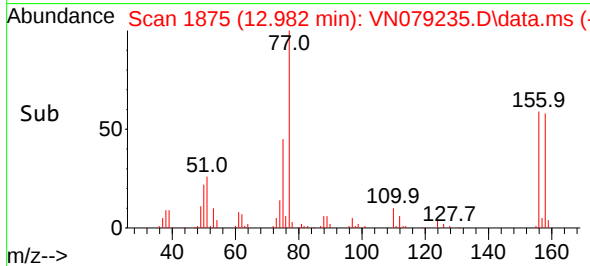
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



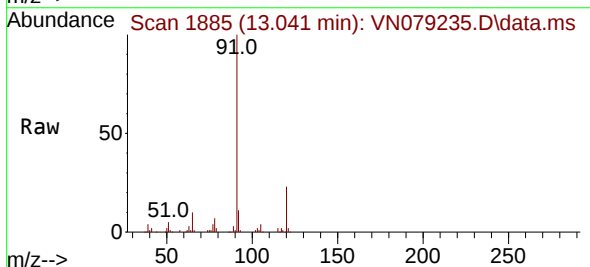
Tgt Ion:156 Resp: 38774
Ion Ratio Lower Upper
156 100
77 216.7 107.7 323.3
158 98.3 48.4 145.3

Manual Integrations
APPROVED

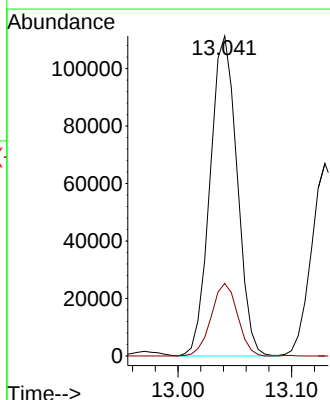
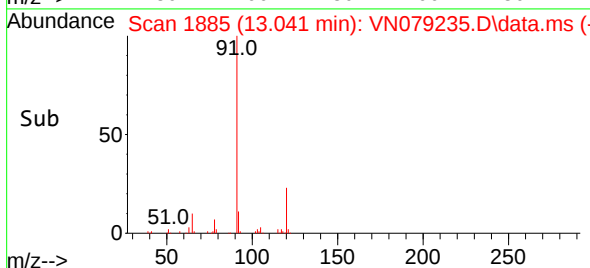
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

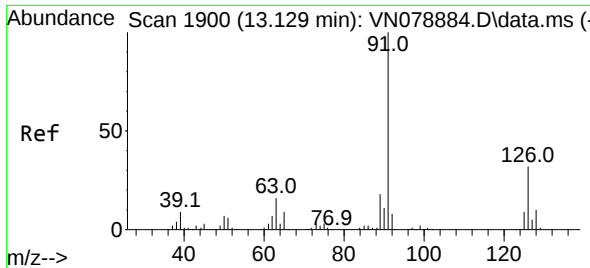


#78
n-propylbenzene
Concen: 17.139 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11



Tgt Ion: 91 Resp: 184205
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.4





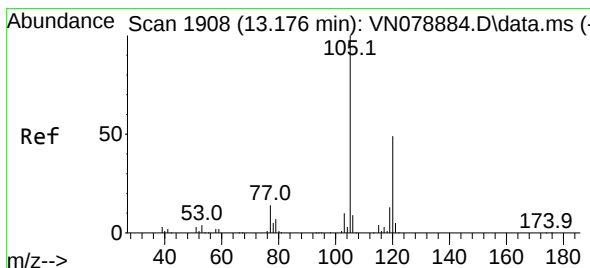
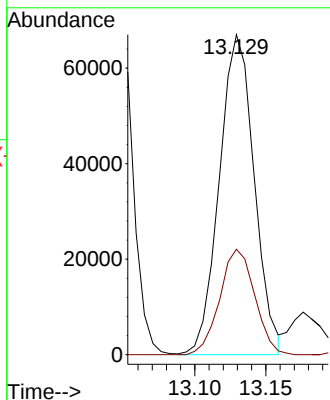
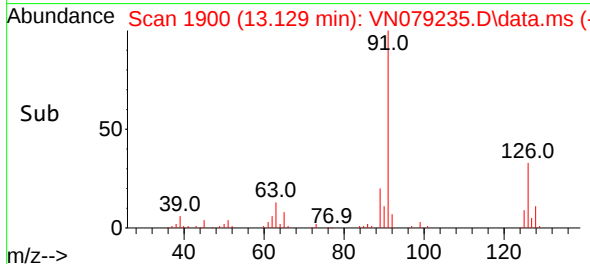
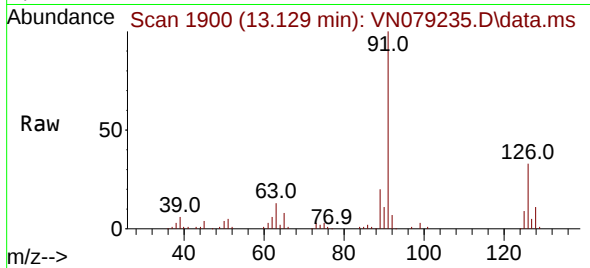
#79
2-Chlorotoluene
Concen: 16.282 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

Tgt Ion: 91 Resp: 114456
Ion Ratio Lower Upper
91 100
126 33.0 16.3 48.8

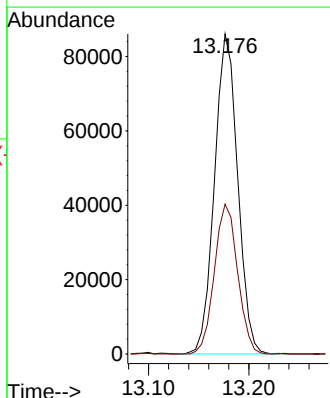
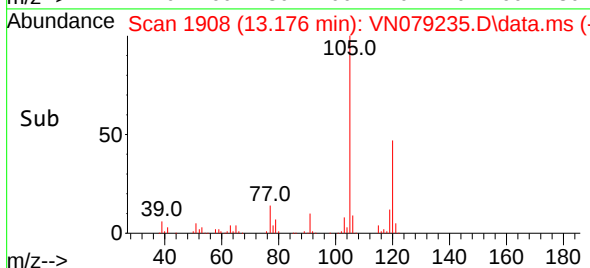
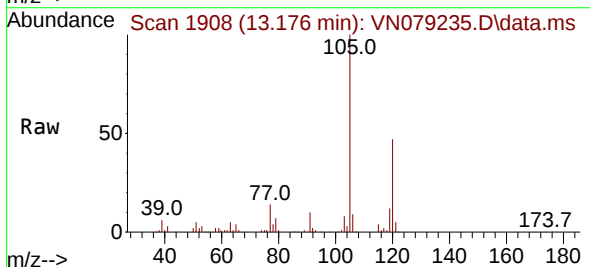
Manual Integrations
APPROVED

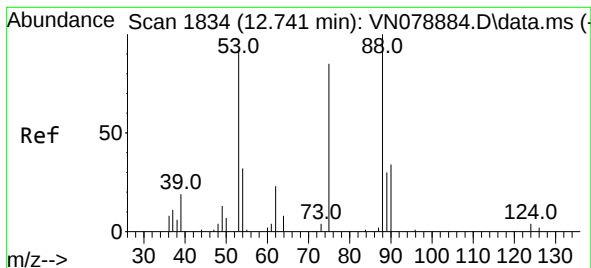
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 17.262 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

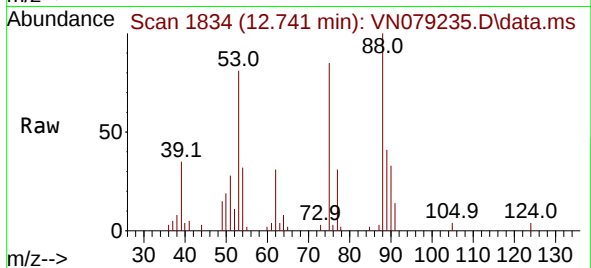
Tgt Ion:105 Resp: 137613
Ion Ratio Lower Upper
105 100
120 47.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.563 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

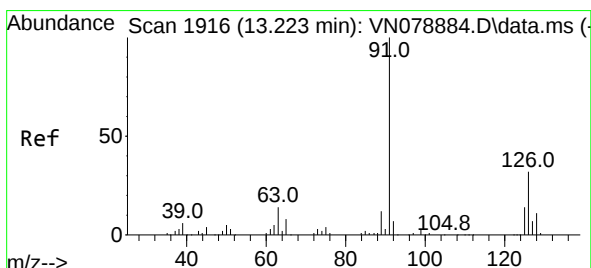
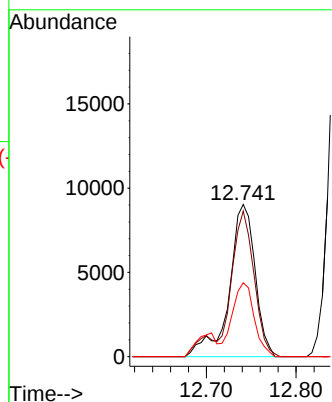
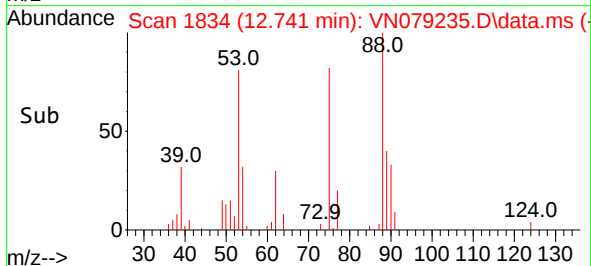
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



Tgt Ion: 75 Resp: 1810
Ion Ratio Lower Upper
75 100
53 81.3 67.4 101.2
89 42.0 38.8 58.2

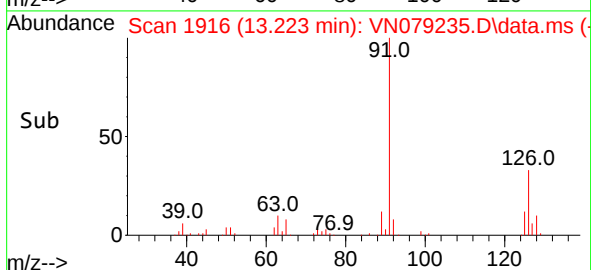
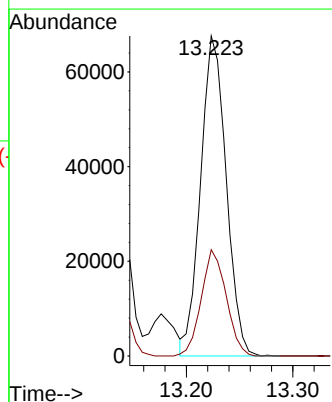
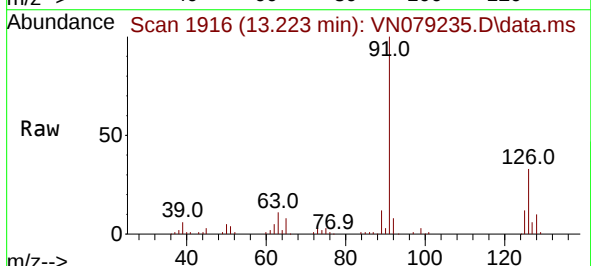
Manual Integrations
APPROVED

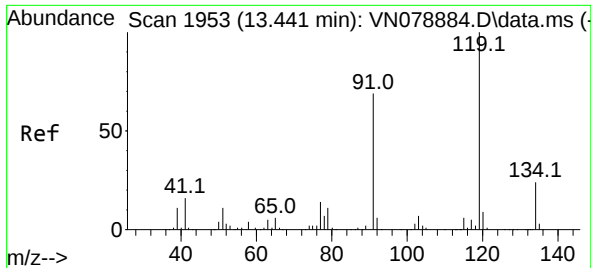
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#82
4-Chlorotoluene
Concen: 17.107 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

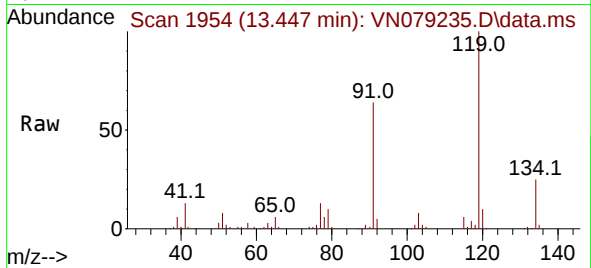
Tgt Ion: 91 Resp: 112993
Ion Ratio Lower Upper
91 100
126 32.4 16.7 50.0





#83
tert-Butylbenzene
Concen: 17.445 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

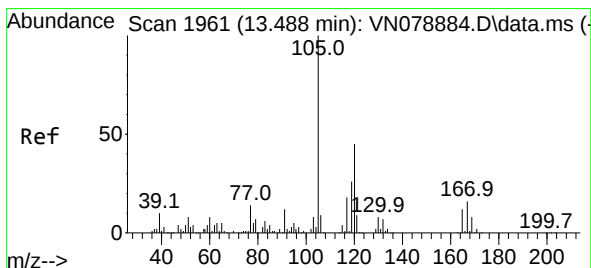
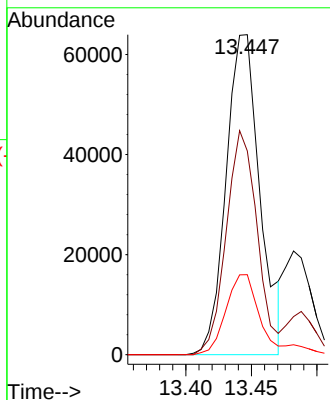
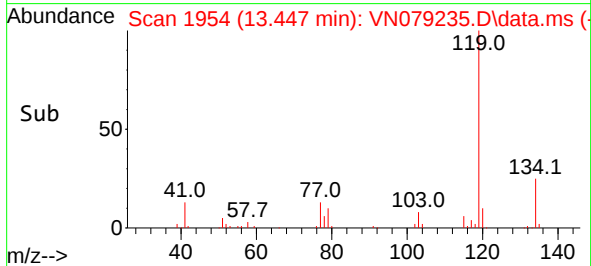
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



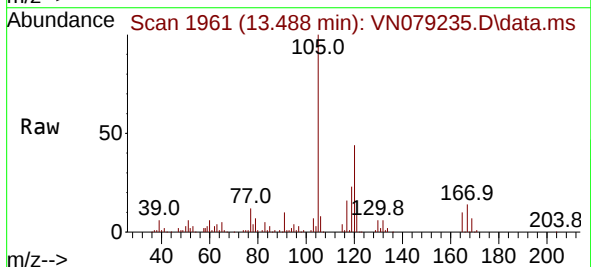
Tgt Ion:119 Resp: 115040
Ion Ratio Lower Upper
119 100
91 64.1 33.9 101.7
134 26.3 13.2 39.6

Manual Integrations
APPROVED

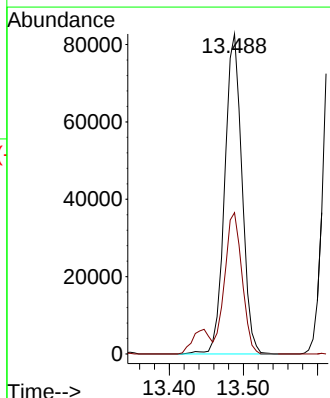
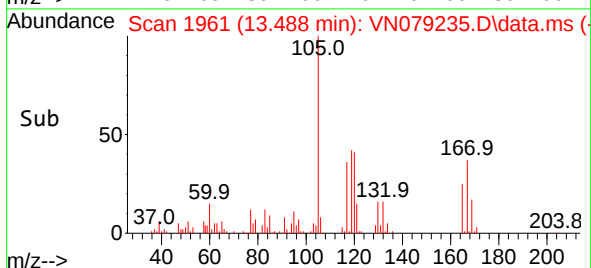
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

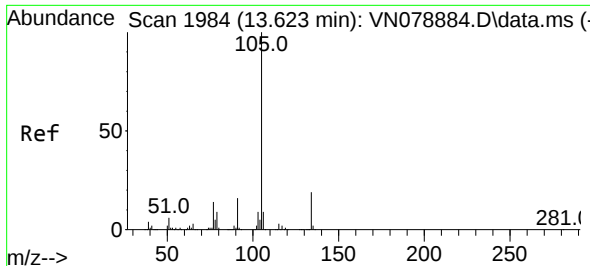


#84
1,2,4-Trimethylbenzene
Concen: 17.554 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11



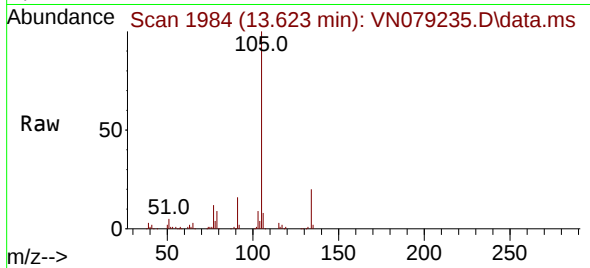
Tgt Ion:105 Resp: 133270
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 17.339 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079235.D
 Acq: 12 Sep 2023 13:11

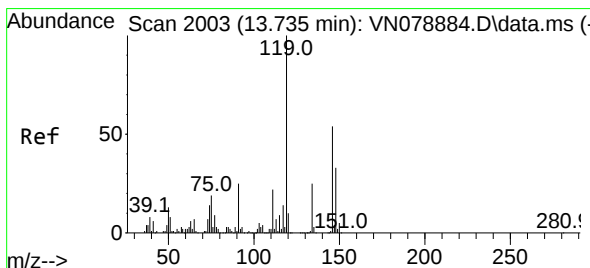
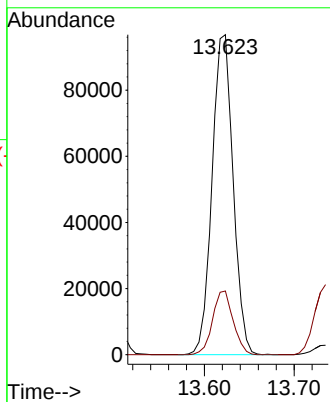
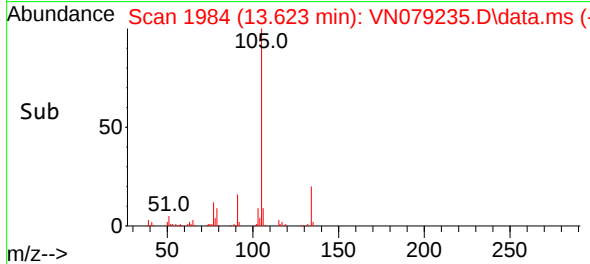
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01



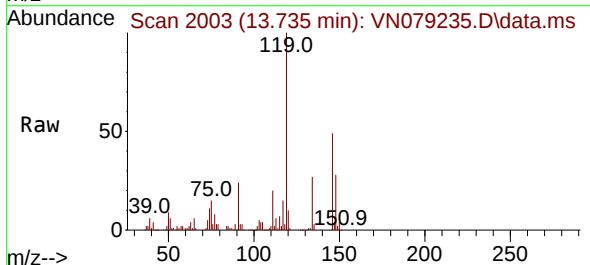
Tgt Ion:105 Resp: 15742
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

Manual Integrations
 APPROVED

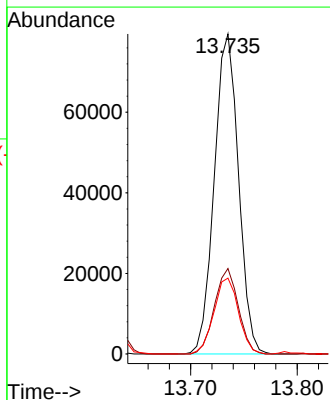
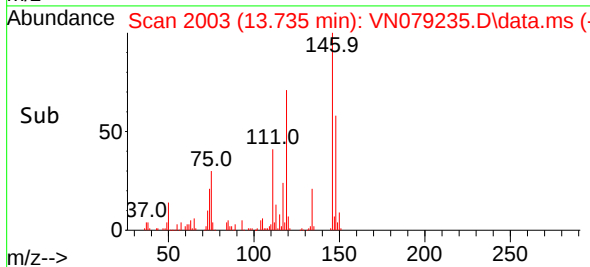
Reviewed By :John Carlone 09/13/2023
 Supervised By :Mahesh Dadoda 09/13/2023

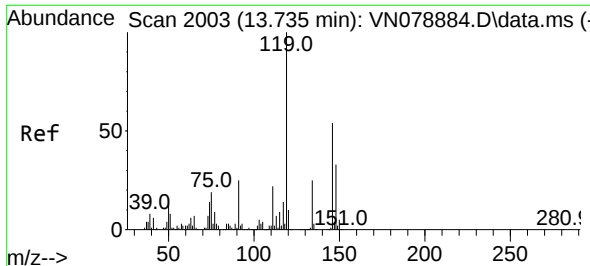


#86
 p-Isopropyltoluene
 Concen: 17.263 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079235.D
 Acq: 12 Sep 2023 13:11



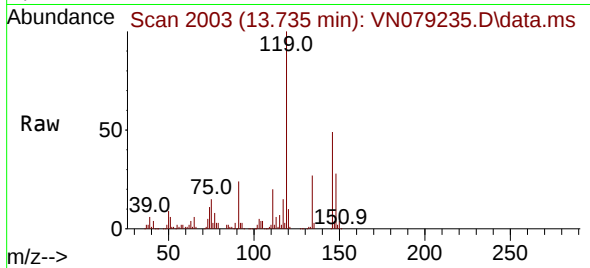
Tgt Ion:119 Resp: 125217
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.6 37.8
 91 24.2 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 16.630 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.006 min
 Lab File: VN079235.D
 Acq: 12 Sep 2023 13:11

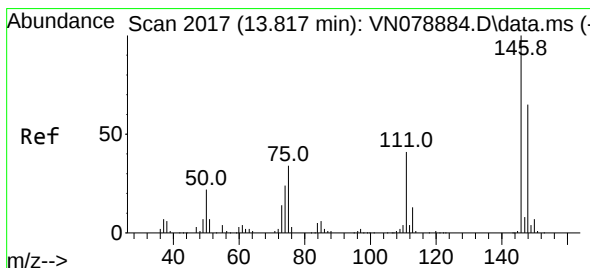
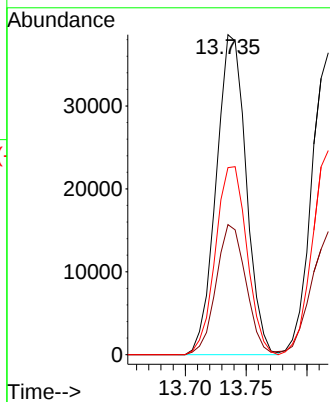
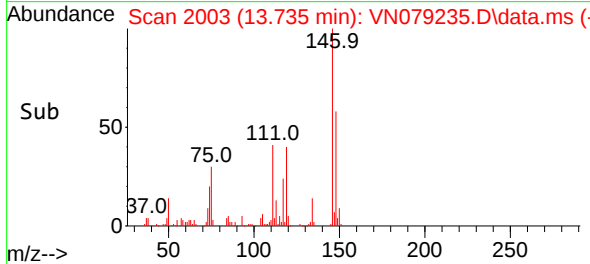
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01



Tgt Ion:146 Resp: 6607
 Ion Ratio Lower Upper
 146 100
 111 40.6 22.1 66.3
 148 61.6 32.0 96.0

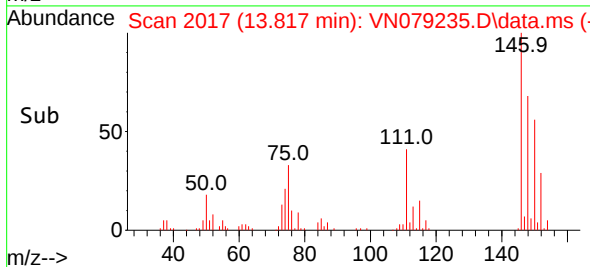
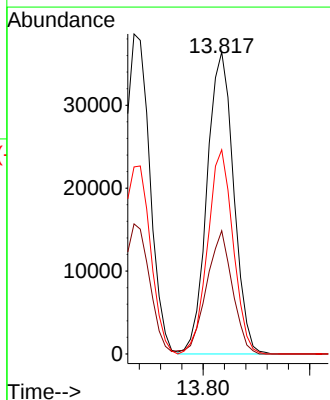
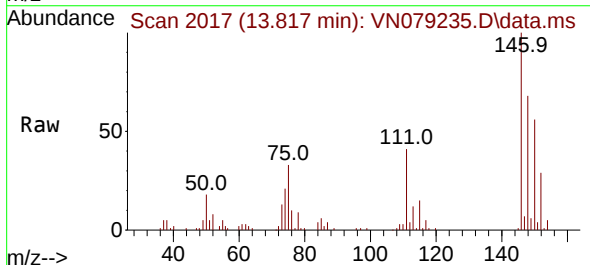
Manual Integrations
 APPROVED

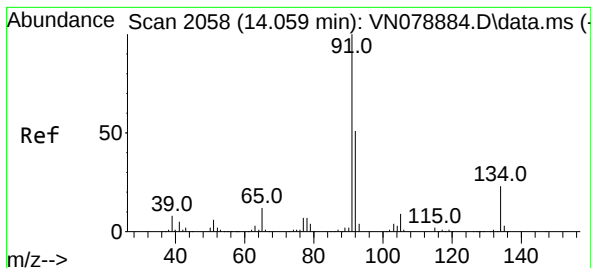
Reviewed By :John Carlone 09/13/2023
 Supervised By :Mahesh Dadoda 09/13/2023



#88
 1,4-Dichlorobenzene
 Concen: 15.741 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. -0.001 min
 Lab File: VN079235.D
 Acq: 12 Sep 2023 13:11

Tgt Ion:146 Resp: 63203
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.6 61.8
 148 64.9 31.6 94.8





#89

n-Butylbenzene

Concen: 16.710 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN079235.D

Acq: 12 Sep 2023 13:11

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

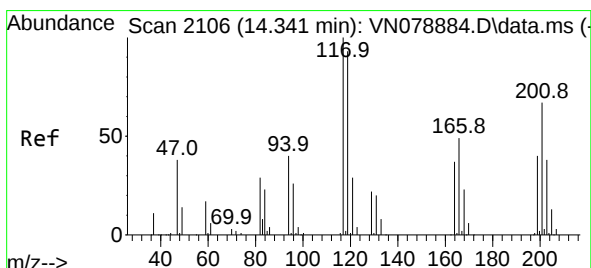
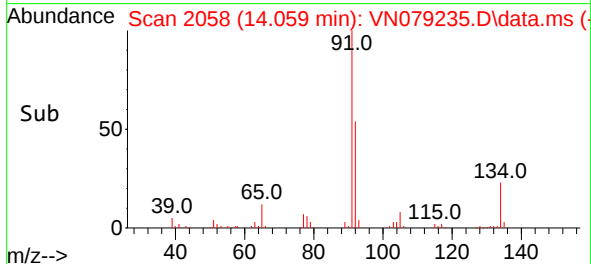
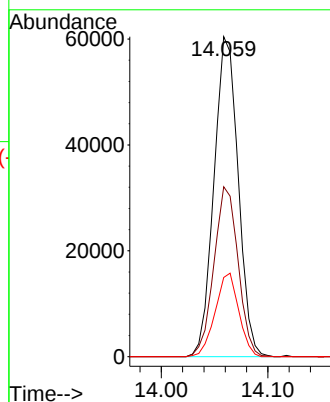
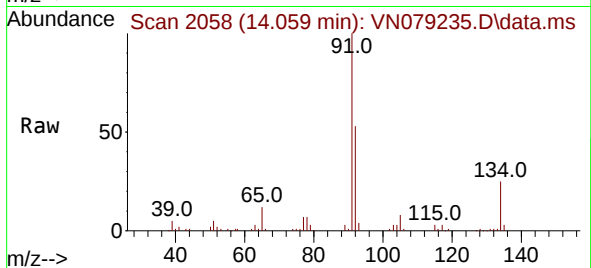
Tgt Ion: 91	Resp: 9531
Ion Ratio	Lower Upper
91 100	
92 53.0	26.4 79.0
134 25.4	12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#90

Hexachloroethane

Concen: 16.719 ug/l

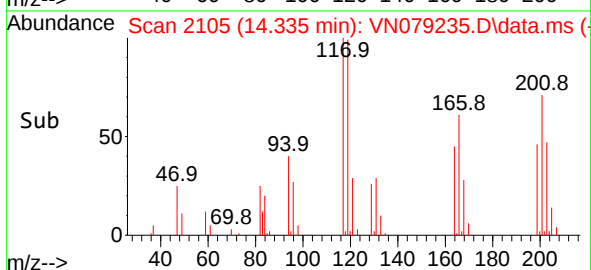
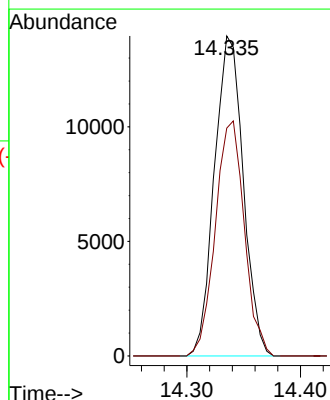
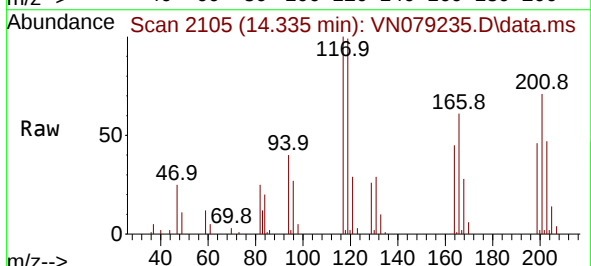
RT: 14.335 min Scan# 2105

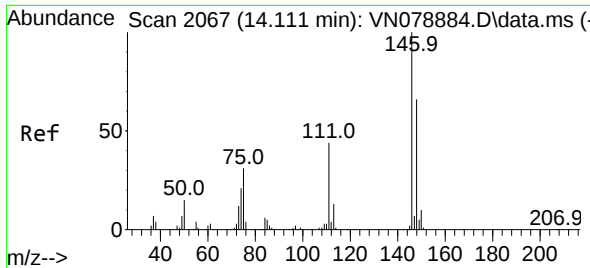
Delta R.T. 0.000 min

Lab File: VN079235.D

Acq: 12 Sep 2023 13:11

Tgt Ion: 117	Resp: 24628
Ion Ratio	Lower Upper
117 100	
201 73.9	29.3 88.0





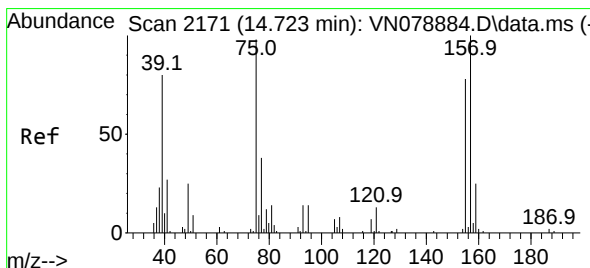
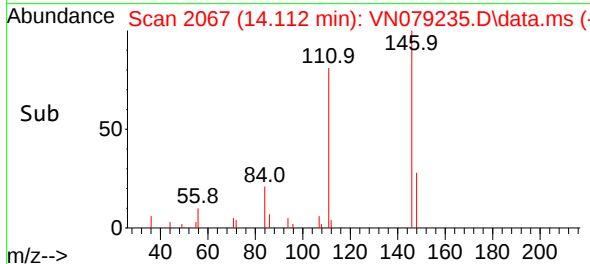
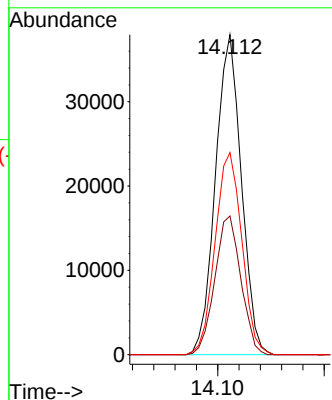
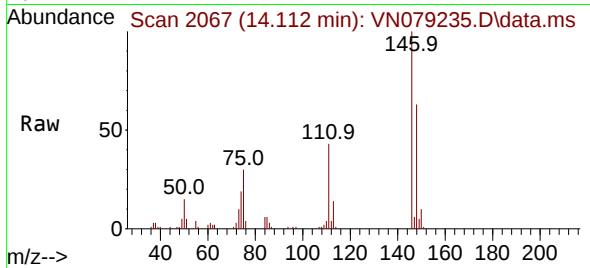
#91
1,2-Dichlorobenzene
Concen: 16.317 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

Tgt Ion:146 Resp: 64004
Ion Ratio Lower Upper
146 100
111 43.6 22.0 66.0
148 65.2 31.8 95.3

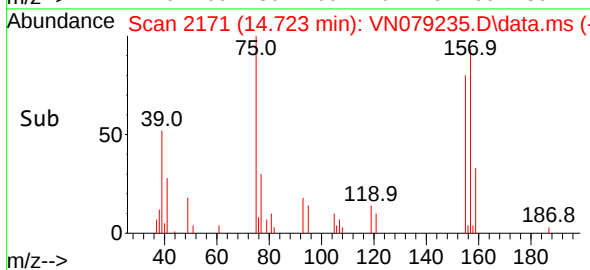
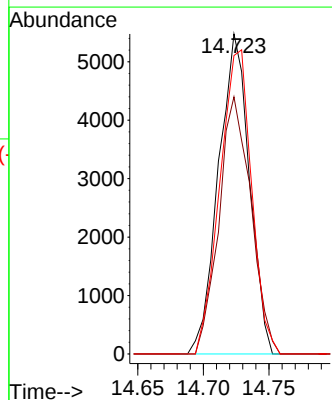
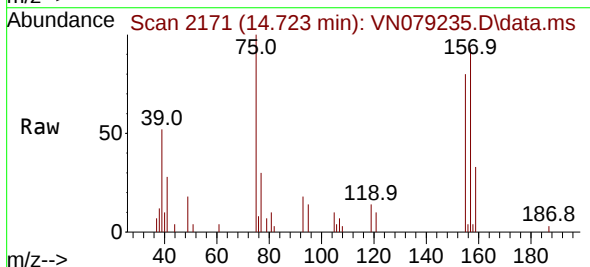
Manual Integrations
APPROVED

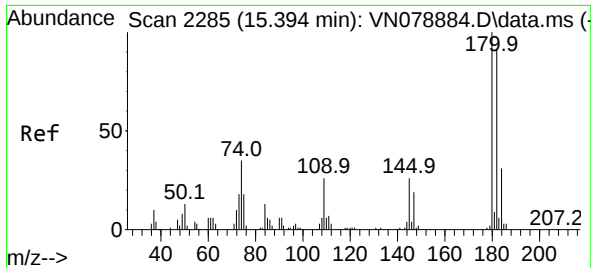
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.586 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079235.D
Acq: 12 Sep 2023 13:11

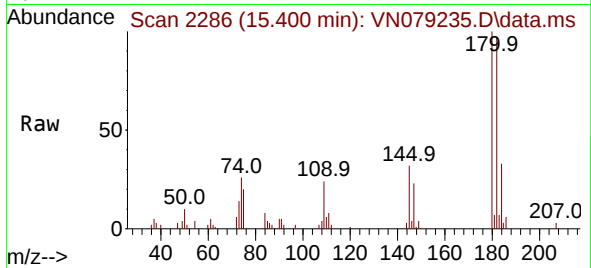
Tgt Ion: 75 Resp: 8983
Ion Ratio Lower Upper
75 100
155 83.1 39.1 117.2
157 97.6 50.3 150.9





#93
 1,2,4-Trichlorobenzene
 Concen: 15.216 ug/l
 RT: 15.400 min Scan# 21449
 Delta R.T. -0.000 min
 Lab File: VN079235.D
 Acq: 12 Sep 2023 13:11

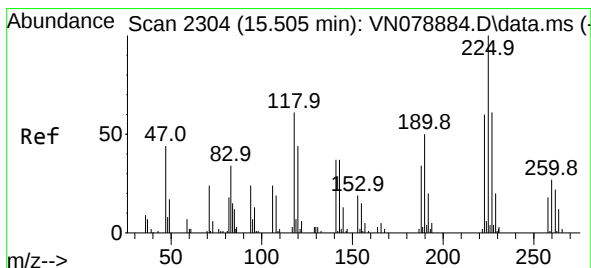
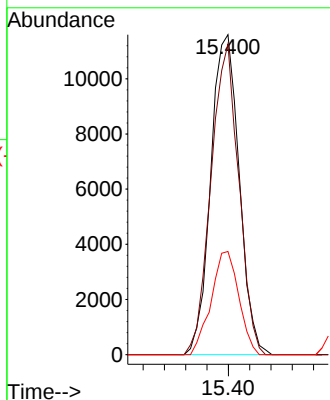
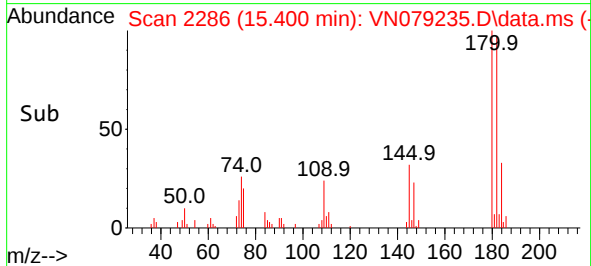
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01



Tgt Ion:180 Resp: 21449
 Ion Ratio Lower Upper
 180 100
 182 94.8 46.1 138.2
 145 31.4 16.6 49.8

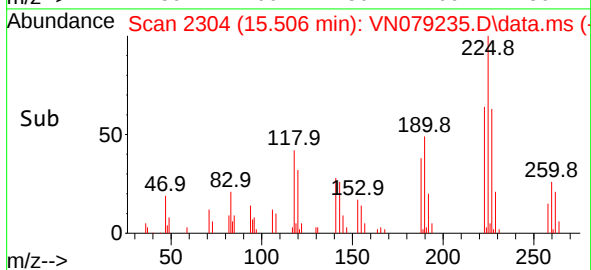
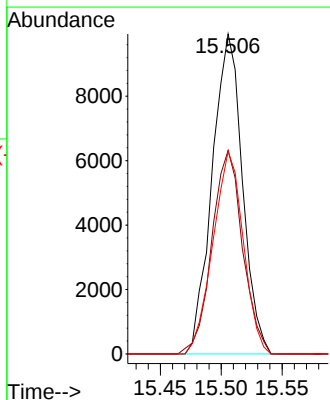
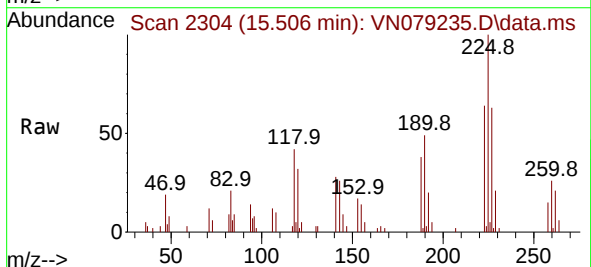
Manual Integrations
 APPROVED

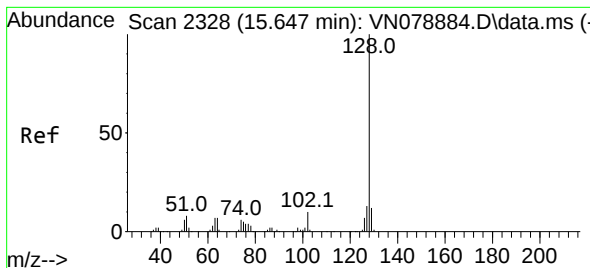
Reviewed By :John Carlone 09/13/2023
 Supervised By :Mahesh Dadoda 09/13/2023



#94
 Hexachlorobutadiene
 Concen: 15.482 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. -0.000 min
 Lab File: VN079235.D
 Acq: 12 Sep 2023 13:11

Tgt Ion:225 Resp: 17167
 Ion Ratio Lower Upper
 225 100
 223 64.6 31.3 93.8
 227 63.4 31.9 95.9





#95

Naphthalene

Concen: 12.718 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079235.D

Acq: 12 Sep 2023 13:11

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

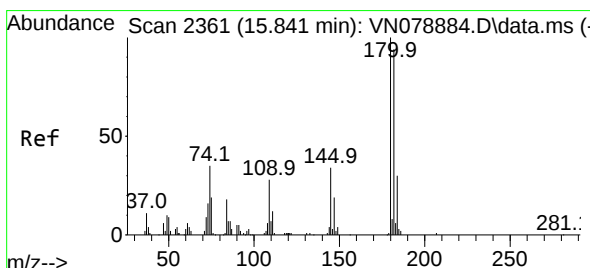
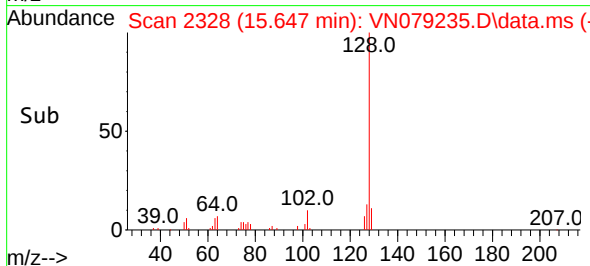
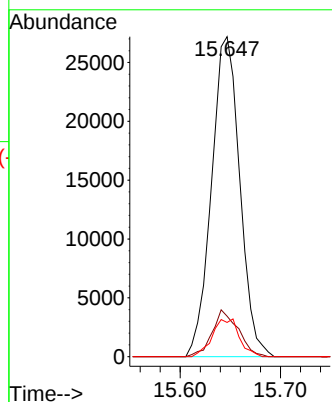
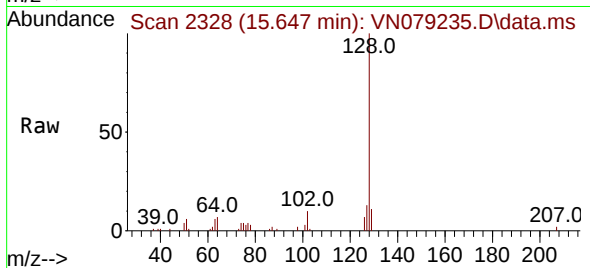
Tgt Ion:	128	Resp:	5324
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.0	15.0
129	11.3	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#96

1,2,3-Trichlorobenzene

Concen: 14.661 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.006 min

Lab File: VN079235.D

Acq: 12 Sep 2023 13:11

Tgt Ion:	180	Resp:	24377
Ion Ratio	Lower	Upper	
180	100		
182	95.0	46.2	138.6
145	32.4	17.5	52.6

