

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122122\
 Data File : VN075931.D
 Acq On : 21 Dec 2022 19:52
 Operator : JC\MD
 Sample : N6164-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-04-147-166-122022MS

Quant Time: Dec 22 03:06:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/22/2022
 Supervised By : Mahesh Dadoda 12/22/2022

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	327820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	520404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	467350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	230726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	183369	51.416	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.840%			
35) Dibromofluoromethane	8.171	113	171044	53.073	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.140%			
50) Toluene-d8	10.570	98	624379	51.817	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.640%			
62) 4-Bromofluorobenzene	12.853	95	216150	54.160	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	104924	45.078	ug/l	97
3) Chloromethane	2.377	50	121862	42.103	ug/l	98
4) Vinyl Chloride	2.530	62	154678	44.801	ug/l	99
5) Bromomethane	2.947	94	127189	43.347	ug/l	98
6) Chloroethane	3.124	64	112858	44.142	ug/l	98
7) Trichlorofluoromethane	3.506	101	244663	46.701	ug/l	94
8) Diethyl Ether	3.971	74	93089	48.649	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.388	101	144407	48.272	ug/l	99
10) Methyl Iodide	4.600	142	228983	47.165	ug/l	100
11) Tert butyl alcohol	5.535	59	108898	215.794	ug/l	100
12) 1,1-Dichloroethene	4.353	96	135468	46.626	ug/l	97
13) Acrolein	4.188	56	164432	265.783	ug/l	97
14) Allyl chloride	5.035	41	154071	45.363	ug/l	90
15) Acrylonitrile	5.729	53	332886	241.725	ug/l	99
16) Acetone	4.441	43	248756	202.339	ug/l	100
17) Carbon Disulfide	4.724	76	295001	41.936	ug/l	99
18) Methyl Acetate	5.041	43	164076	45.150	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	485707	50.765	ug/l	97
20) Methylene Chloride	5.288	84	161205	49.004	ug/l	96
21) trans-1,2-Dichloroethene	5.794	96	148198	46.575	ug/l	96
22) Diisopropyl ether	6.682	45	421905	51.135	ug/l	99
23) Vinyl Acetate	6.618	43	1292172	232.681	ug/l	99
24) 1,1-Dichloroethane	6.577	63	266988	48.520	ug/l	98
25) 2-Butanone	7.488	43	403819	234.590	ug/l	96
26) 2,2-Dichloropropane	7.500	77	209716	45.004	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	183636	48.255	ug/l	99
28) Bromochloromethane	7.823	49	105848	43.888	ug/l	98
29) Tetrahydrofuran	7.841	42	271630	251.802	ug/l	98
30) Chloroform	7.971	83	295014	47.618	ug/l	89
31) Cyclohexane	8.265	56	232387	45.498	ug/l	98
32) 1,1,1-Trichloroethane	8.176	97	267675	48.734	ug/l	100
36) 1,1-Dichloropropene	8.376	75	209963	49.044	ug/l	98
37) Ethyl Acetate	7.571	43	163451	47.531	ug/l	97
38) Carbon Tetrachloride	8.370	117	232583	48.540	ug/l	98
39) Methylcyclohexane	9.606	83	267204	51.735	ug/l	98
40) Benzene	8.612	78	651305	49.308	ug/l	99

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 Supervised By :Mahesh Dadoda 12/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	91027	50.925	ug/l	97
42) 1,2-Dichloroethane	8.676	62	216038	49.196	ug/l	100
43) Isopropyl Acetate	8.694	43	286642	50.531	ug/l	99
44) Trichloroethene	9.359	130	174842	46.986	ug/l	97
45) 1,2-Dichloropropane	9.629	63	157095	48.874	ug/l	100
46) Dibromomethane	9.712	93	115733	48.545	ug/l	98
47) Bromodichloromethane	9.894	83	234247	50.104	ug/l	99
48) Methyl methacrylate	9.682	41	138677	54.279	ug/l	98
49) 1,4-Dioxane	9.694	88	57646	917.782	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	905277	263.888	ug/l	99
52) Toluene	10.635	92	1648413	191.618	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	230566	50.380	ug/l	99
54) cis-1,3-Dichloropropene	10.317	75	252640	50.279	ug/l	99
55) 1,1,2-Trichloroethane	11.017	97	169283	50.135	ug/l	99
56) Ethyl methacrylate	10.876	69	245769	54.798	ug/l	99
57) 1,3-Dichloropropane	11.164	76	278500	50.284	ug/l	99
59) 2-Hexanone	11.200	43	641331	256.350	ug/l	100
60) Dibromochloromethane	11.359	129	189948	50.585	ug/l	100
61) 1,2-Dibromoethane	11.470	107	172049	50.351	ug/l	99
64) Tetrachloroethene	11.106	164	155276	47.216	ug/l	98
65) Chlorobenzene	11.894	112	464619	48.437	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.964	131	178577	50.262	ug/l	99
67) Ethyl Benzene	11.964	91	845629	52.234	ug/l	100
68) m/p-Xylenes	12.076	106	671691	104.826	ug/l	100
69) o-Xylene	12.400	106	334772	52.794	ug/l	98
70) Styrene	12.417	104	545903	54.144	ug/l	99
71) Bromoform	12.582	173	132847	51.385	ug/l #	100
73) Isopropylbenzene	12.700	105	864342	51.840	ug/l	100
74) N-amyl acetate	12.500	43	251290	51.374	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	247565	48.030	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	212352m	45.659	ug/l	
77) Bromobenzene	12.982	156	204789	48.533	ug/l	100
78) n-propylbenzene	13.041	91	985965	53.615	ug/l	99
79) 2-Chlorotoluene	13.129	91	578208	50.369	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	742332	53.196	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	63840	49.408	ug/l	97
82) 4-Chlorotoluene	13.129	91	578208	50.369	ug/l	99
83) tert-Butylbenzene	13.441	119	677123	55.035	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	745970	53.886	ug/l	99
85) sec-Butylbenzene	13.617	105	925052	54.473	ug/l	99
86) p-Isopropyltoluene	13.735	119	789109	55.845	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	387322	49.692	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	384132	48.242	ug/l	100
89) n-Butylbenzene	14.058	91	634379	55.417	ug/l	100
90) Hexachloroethane	14.335	117	133987	53.009	ug/l	98
91) 1,2-Dichlorobenzene	14.111	146	387954	50.531	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	40940	44.763	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	192817	50.729	ug/l	100
94) Hexachlorobutadiene	15.505	225	103864	50.085	ug/l	99
95) Naphthalene	15.641	128	568023	45.443	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	186154	52.400	ug/l	99

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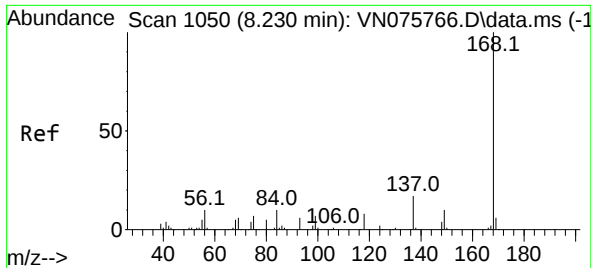
Manual Integrations
APPROVED

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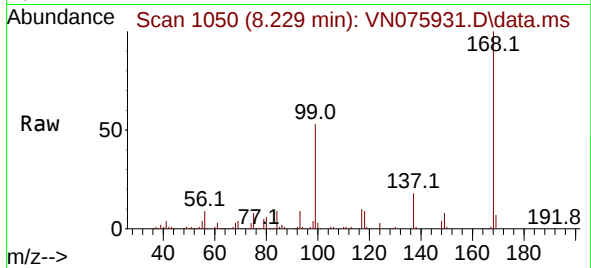
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
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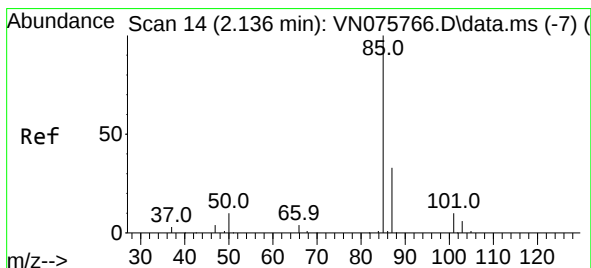
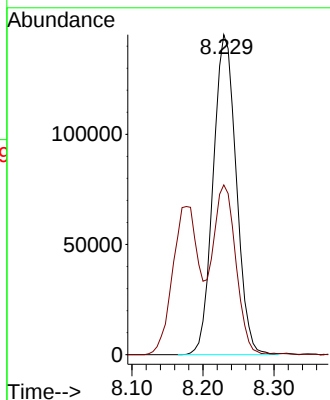
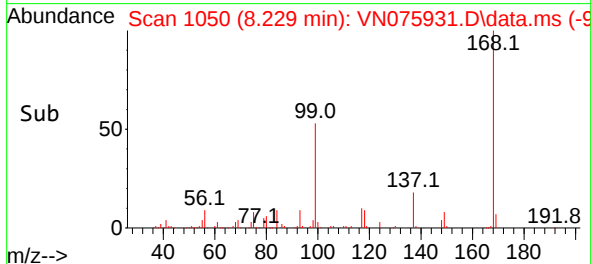
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-147-166-122022MS



Tgt Ion:168 Resp: 327820
Ion Ratio Lower Upper
168 100
99 52.7 44.2 66.4

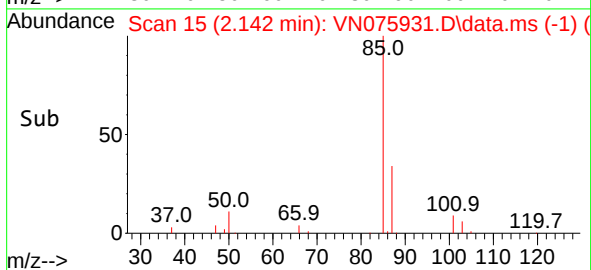
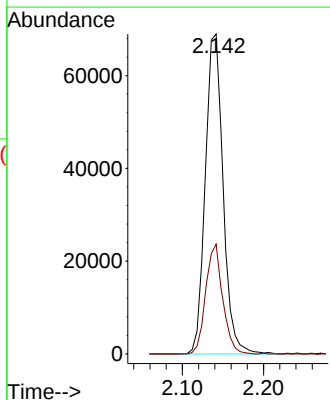
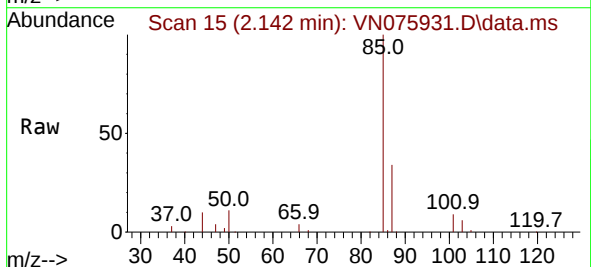
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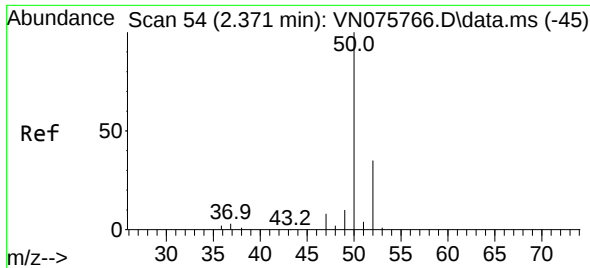
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#2
Dichlorodifluoromethane
Concen: 45.078 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

Tgt Ion: 85 Resp: 104924
Ion Ratio Lower Upper
85 100
87 34.3 16.3 48.9





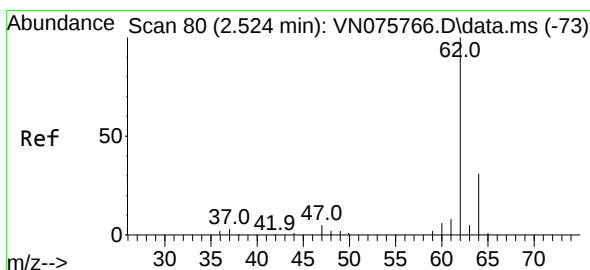
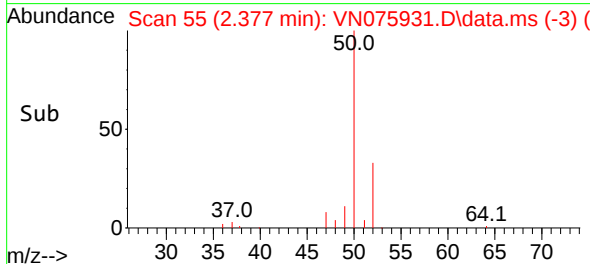
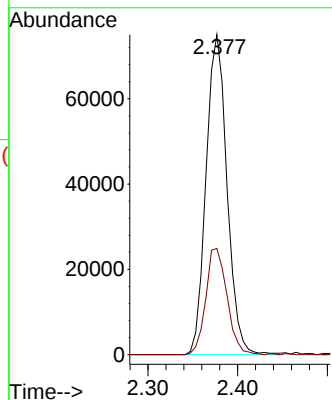
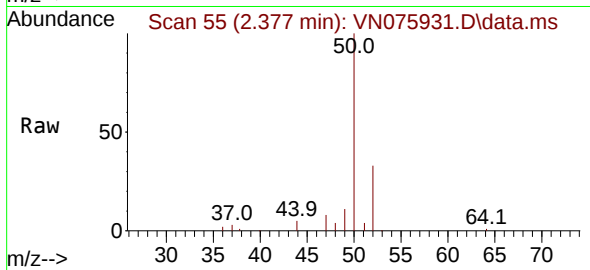
#3
Chloromethane
Concen: 42.103 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

Instrument :
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Tgt Ion: 50 Resp: 121862
Ion Ratio Lower Upper
50 100
52 33.2 27.7 41.5

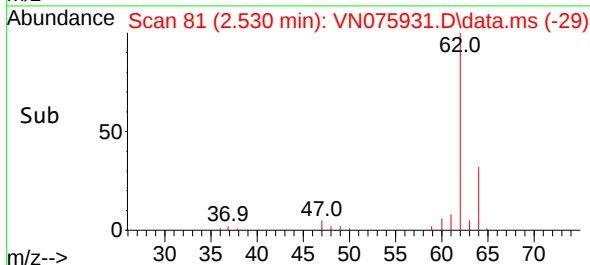
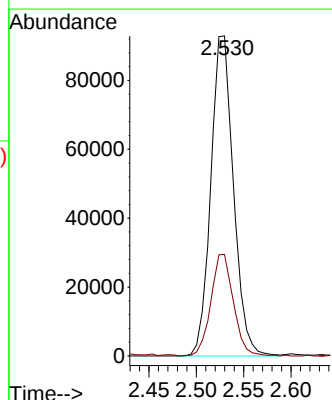
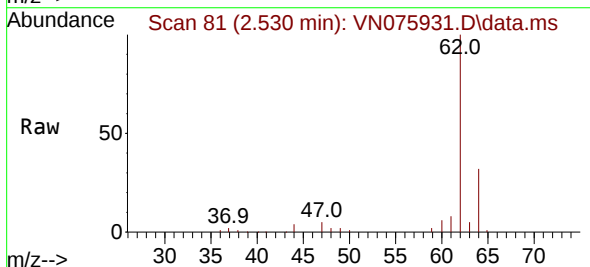
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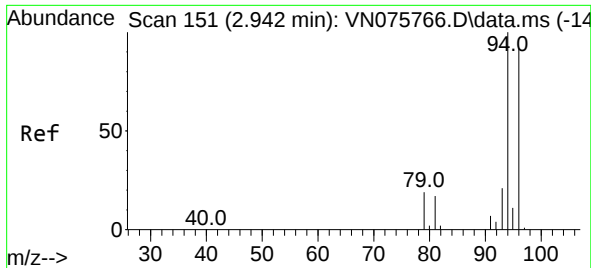
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#4
Vinyl Chloride
Concen: 44.801 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

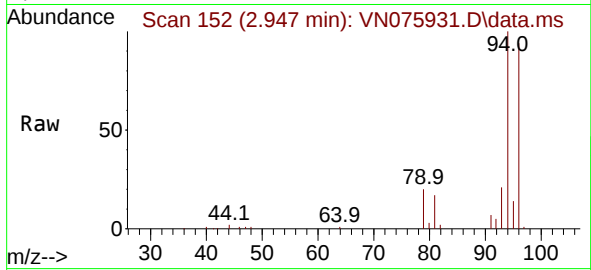
Tgt Ion: 62 Resp: 154678
Ion Ratio Lower Upper
62 100
64 31.7 24.9 37.3





#5
Bromomethane
Concen: 43.347 ug/l
RT: 2.947 min Scan# 151
Delta R.T. 0.006 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

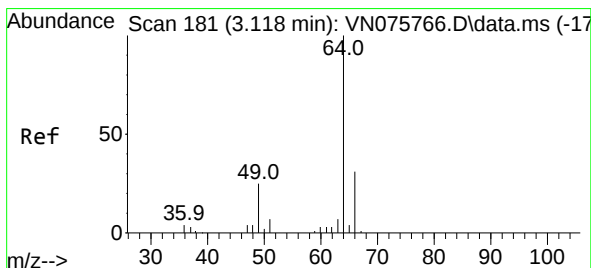
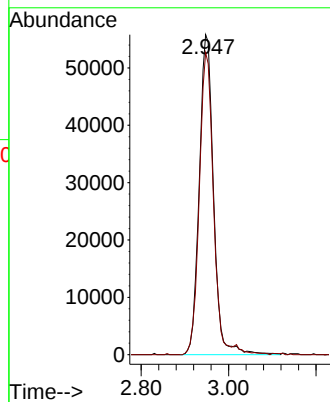
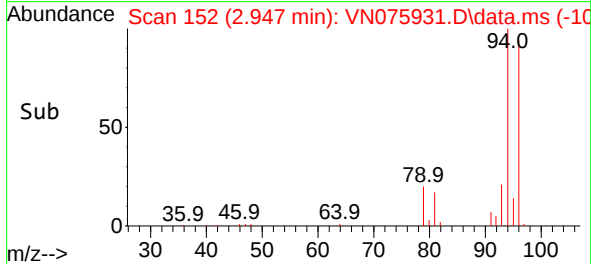
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Tgt Ion: 94 Resp: 127189
Ion Ratio Lower Upper
94 100
96 94.4 73.8 110.6

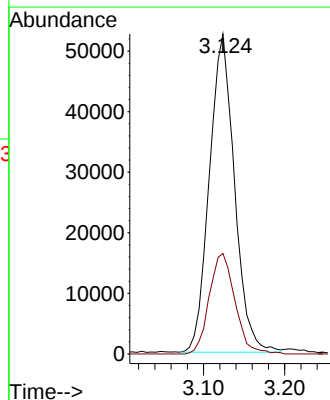
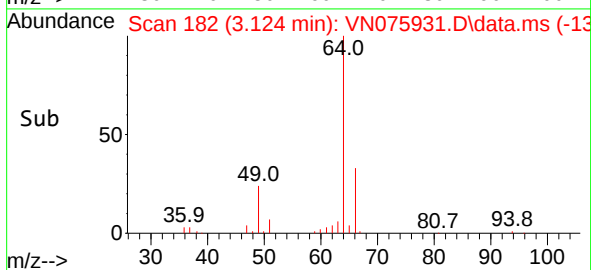
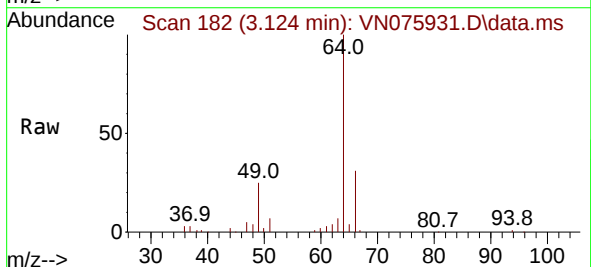
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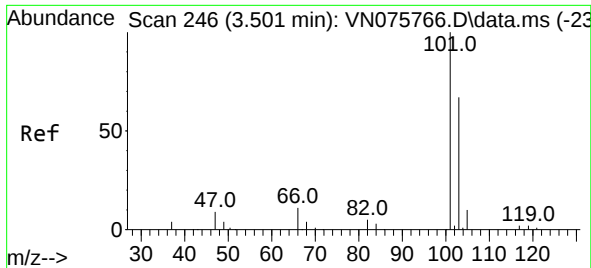
Reviewed By :John Carlone 12/22/2022
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#6
Chloroethane
Concen: 44.142 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN075931.D
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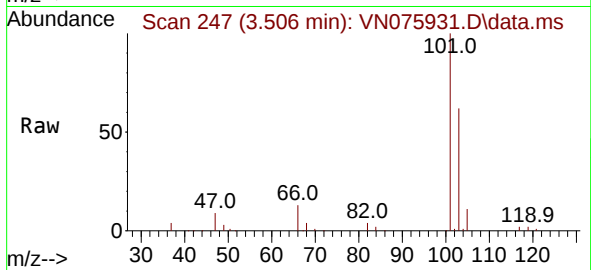
Tgt Ion: 64 Resp: 112858
Ion Ratio Lower Upper
64 100
66 31.6 24.6 36.8





#7
Trichlorofluoromethane
Concen: 46.701 ug/l
RT: 3.506 min Scan# 246
Delta R.T. 0.006 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

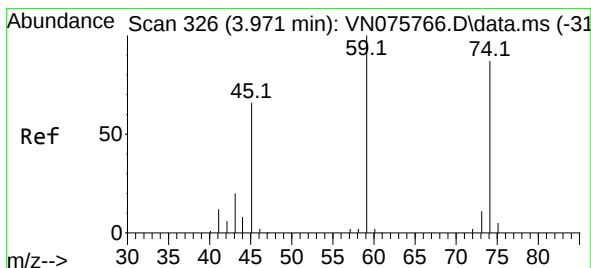
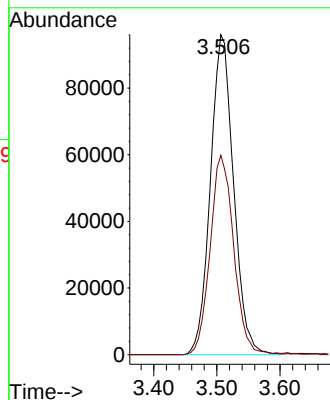
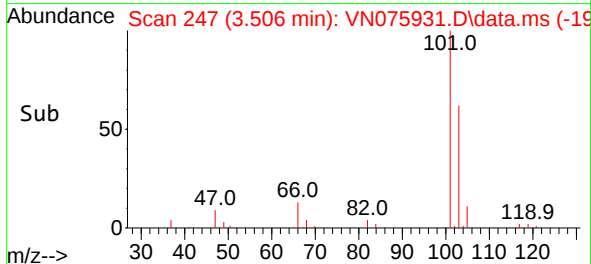
Instrument :
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GWOW-BR-04-147-166-122022MS



Tgt Ion:101 Resp: 24466
Ion Ratio Lower Upper
101 100
103 62.3 53.4 80.2

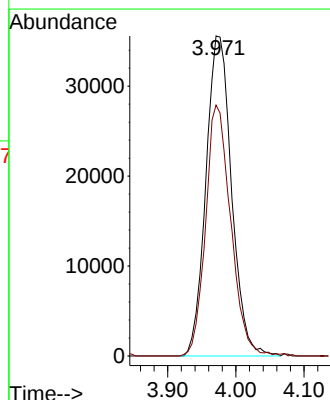
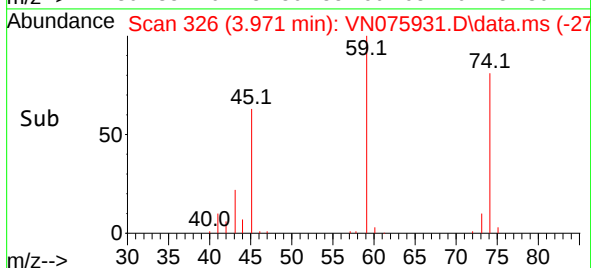
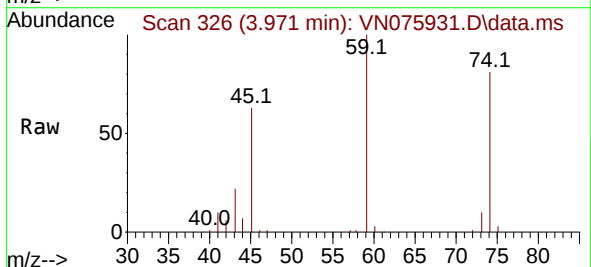
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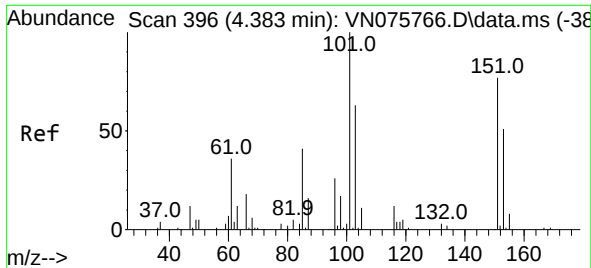
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#8
Diethyl Ether
Concen: 48.649 ug/l
RT: 3.971 min Scan# 326
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

Tgt Ion: 74 Resp: 93089
Ion Ratio Lower Upper
74 100
45 77.1 37.8 113.4





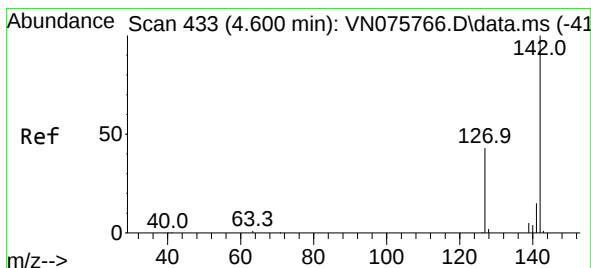
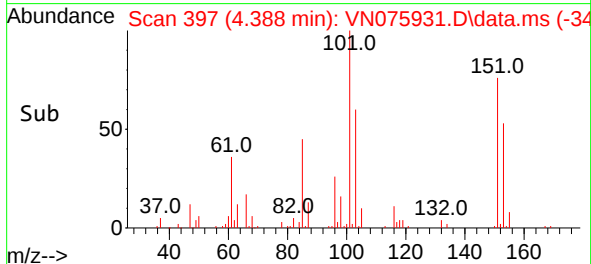
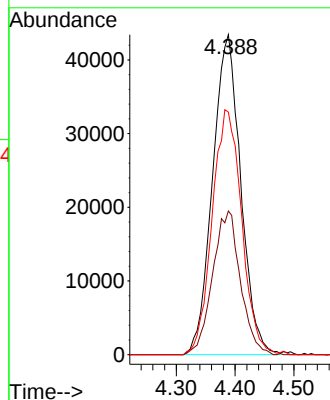
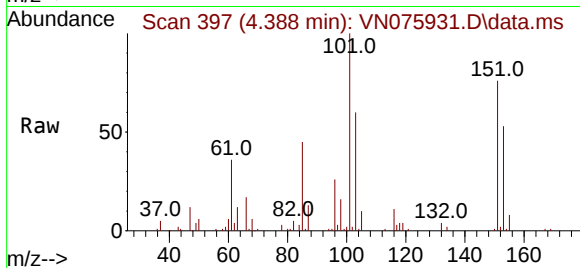
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.272 ug/l
RT: 4.388 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-147-166-122022MS

Tgt Ion:101 Resp: 14440
Ion Ratio Lower Upper
101 100
85 44.2 35.3 52.9
151 80.1 65.6 98.4

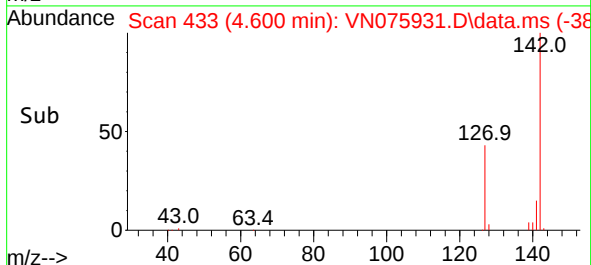
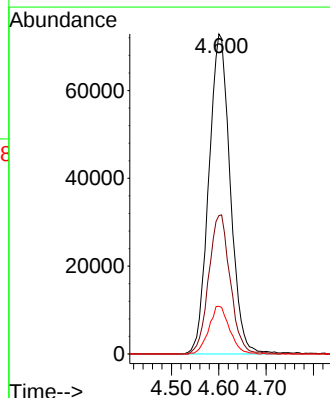
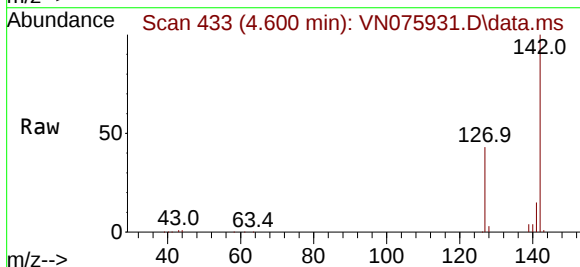
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#10
Methyl Iodide
Concen: 47.165 ug/l
RT: 4.600 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

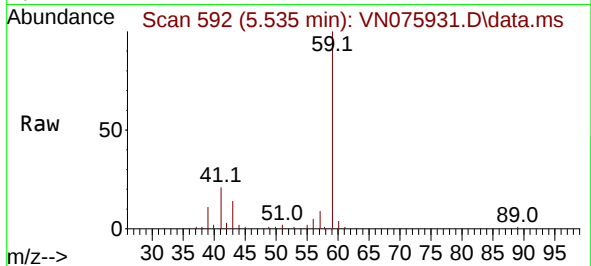
Tgt Ion:142 Resp: 228983
Ion Ratio Lower Upper
142 100
127 43.6 34.7 52.1
141 14.4 11.4 17.2





#11
Tert butyl alcohol
Concen: 215.794 ug/l
RT: 5.535 min Scan# 592
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

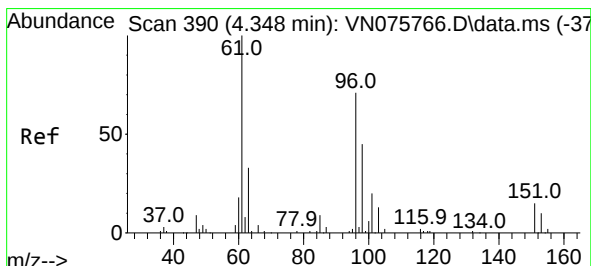
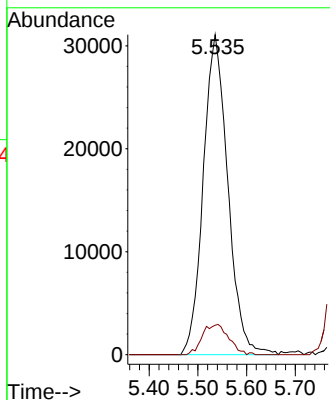
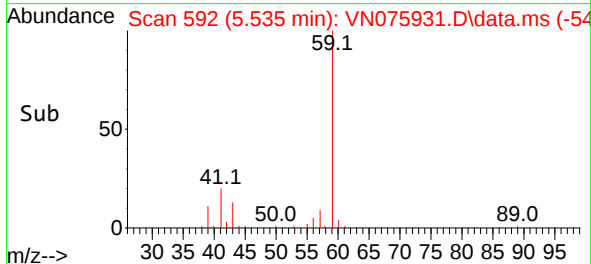
Instrument : MSVOA_N
ClientSampleId : GWOW-BR-04-147-166-122022MS



Tgt Ion: 59 Resp: 108898
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

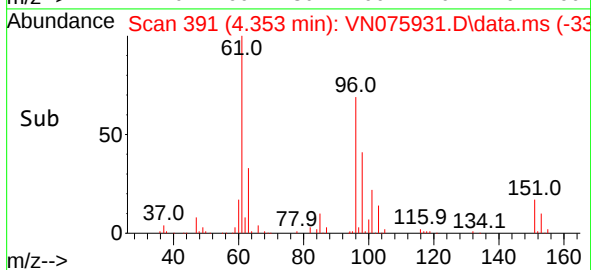
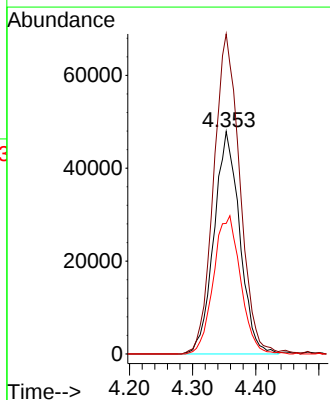
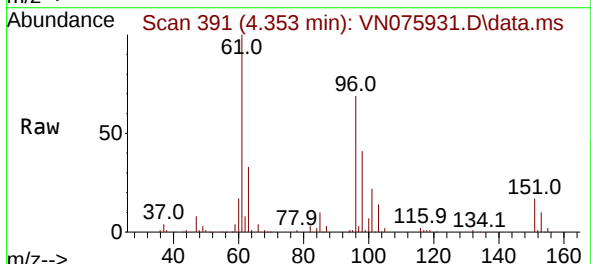
Manual Integrations
APPROVED

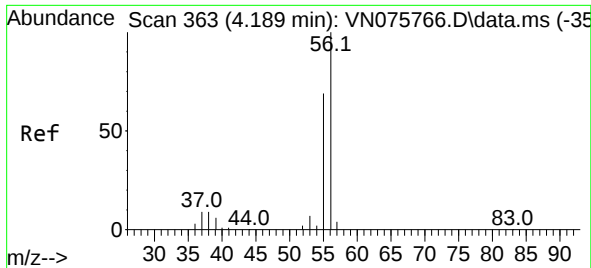
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#12
1,1-Dichloroethene
Concen: 46.626 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

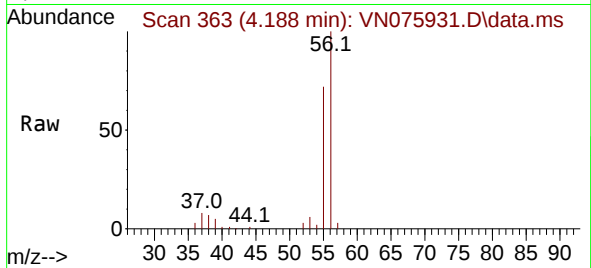
Tgt Ion: 96 Resp: 135468
Ion Ratio Lower Upper
96 100
61 143.9 113.3 169.9
98 58.8 50.9 76.3





#13
Acrolein
Concen: 265.783 ug/l
RT: 4.188 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

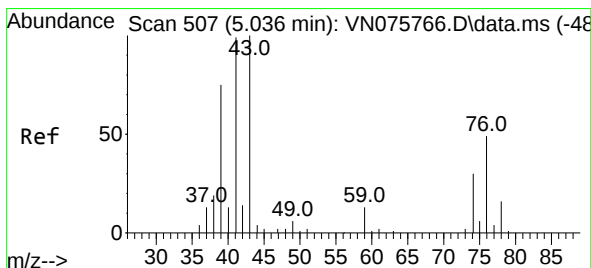
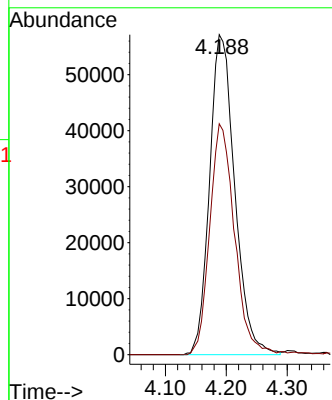
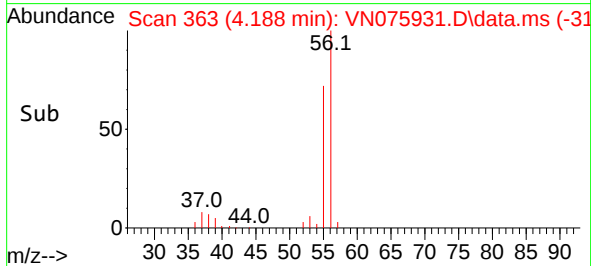
Instrument : MSVOA_N
ClientSampleId : GWOW-BR-04-147-166-122022MS



Tgt Ion: 56 Resp: 16443
Ion Ratio Lower Upper
56 100
55 70.8 54.8 82.2

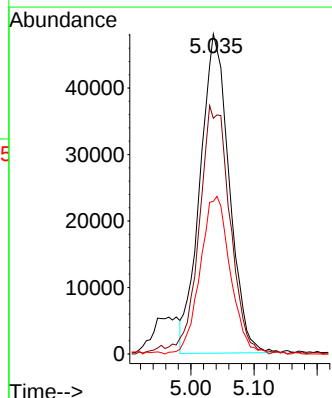
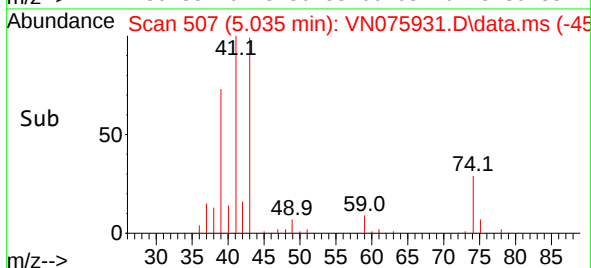
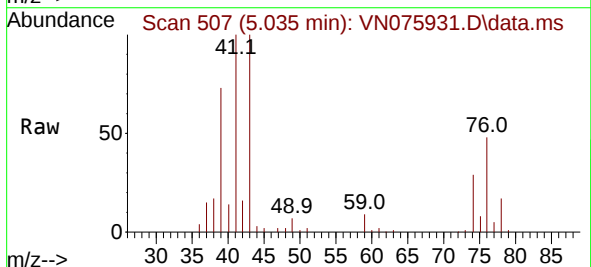
Manual Integrations
APPROVED

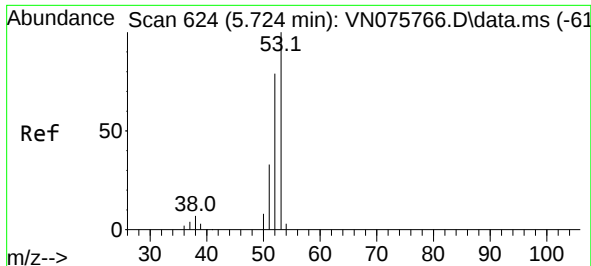
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#14
Allyl chloride
Concen: 45.363 ug/l
RT: 5.035 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

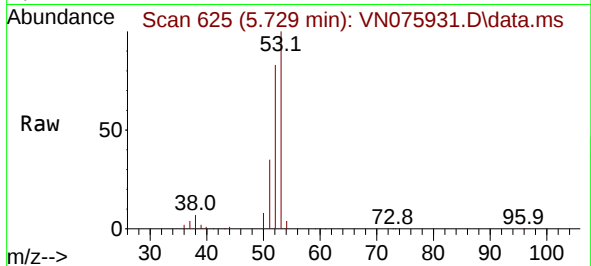
Tgt Ion: 41 Resp: 154071
Ion Ratio Lower Upper
41 100
39 82.0 58.3 87.5
76 50.9 35.8 53.6





#15
Acrylonitrile
Concen: 241.725 ug/l
RT: 5.729 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

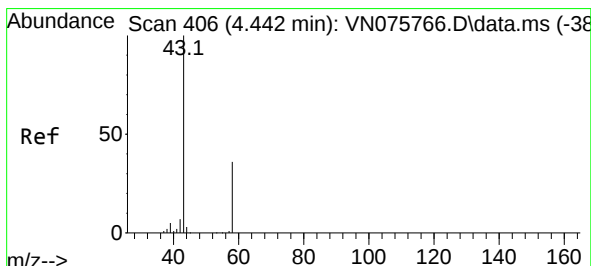
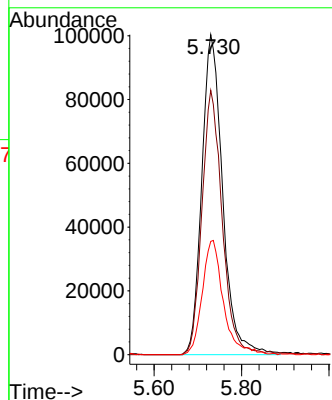
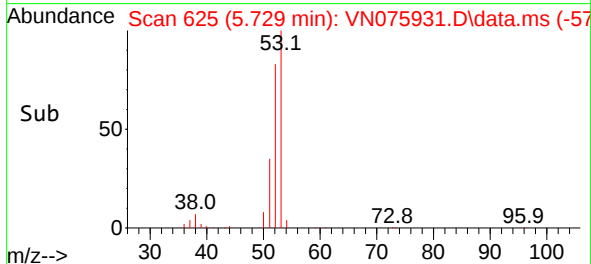
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-147-166-122022MS



Tgt Ion: 53 Resp: 332880
Ion Ratio Lower Upper
53 100
52 80.0 65.4 98.0
51 36.2 28.9 43.3

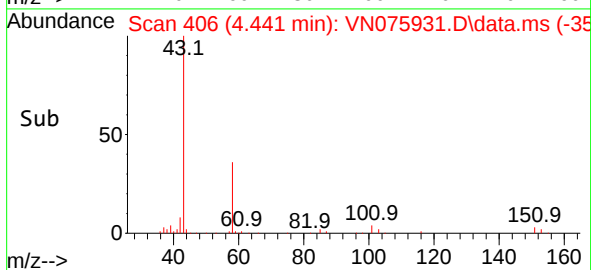
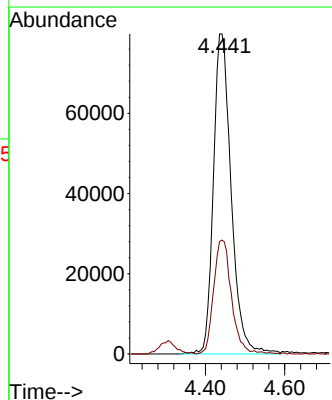
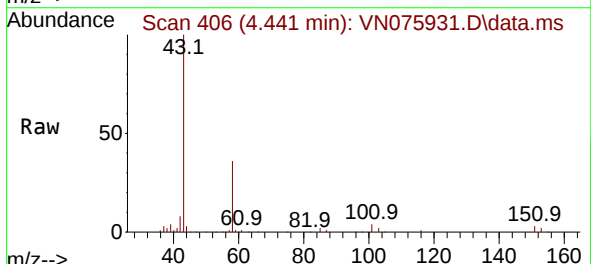
Manual Integrations
APPROVED

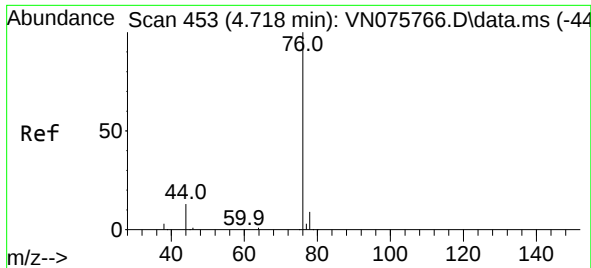
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#16
Acetone
Concen: 202.339 ug/l
RT: 4.441 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

Tgt Ion: 43 Resp: 248756
Ion Ratio Lower Upper
43 100
58 35.6 28.6 43.0





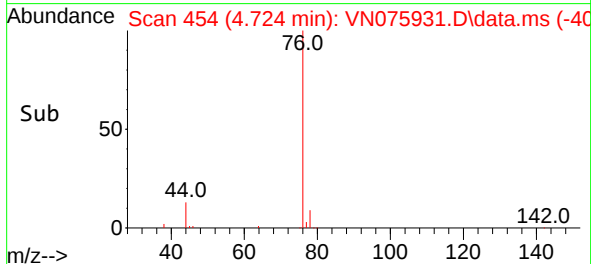
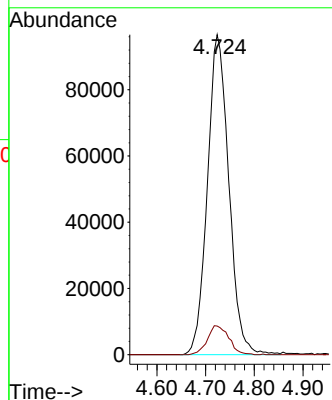
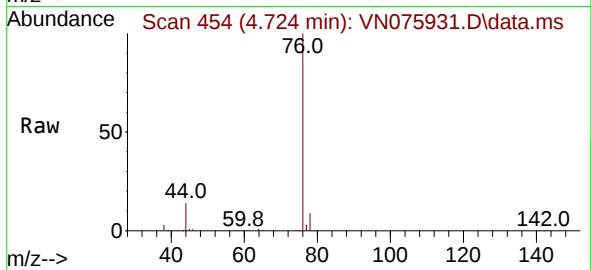
#17
Carbon Disulfide
Concen: 41.936 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-147-166-122022MS

Tgt Ion: 76 Resp: 29500
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2

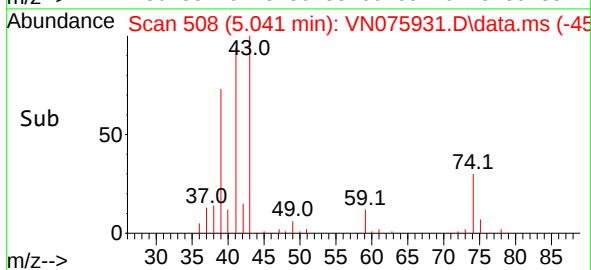
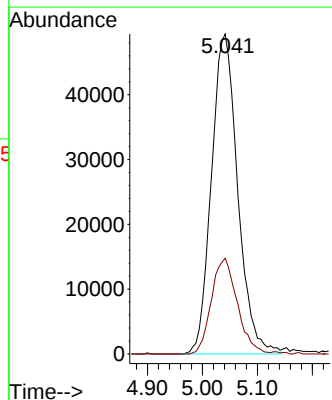
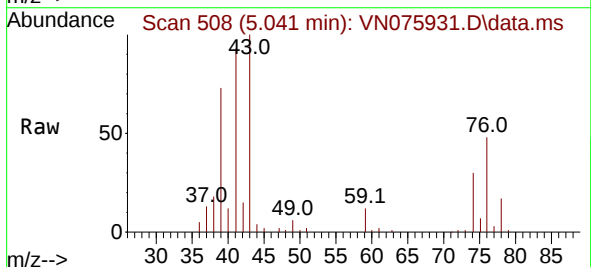
Manual Integrations
APPROVED

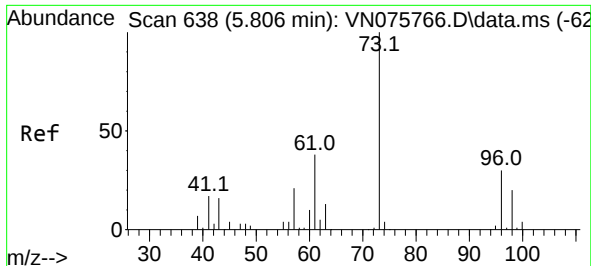
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#18
Methyl Acetate
Concen: 45.150 ug/l
RT: 5.041 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

Tgt Ion: 43 Resp: 164076
Ion Ratio Lower Upper
43 100
74 29.4 23.6 35.4





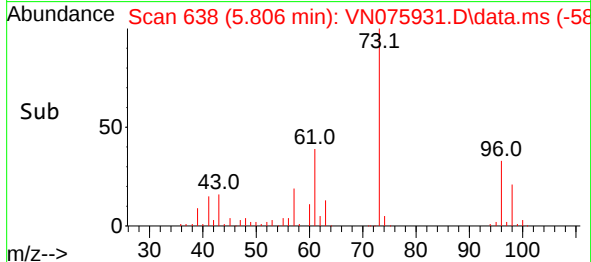
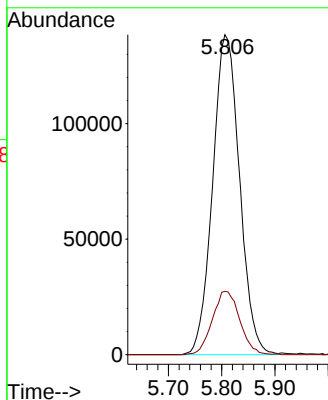
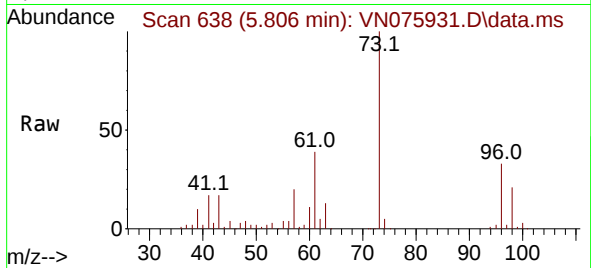
#19
Methyl tert-butyl Ether
Concen: 50.765 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-147-166-122022MS

Tgt Ion: 73 Resp: 48570
Ion Ratio Lower Upper
73 100
57 19.8 17.1 25.7

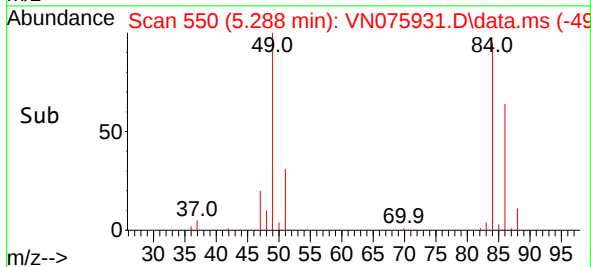
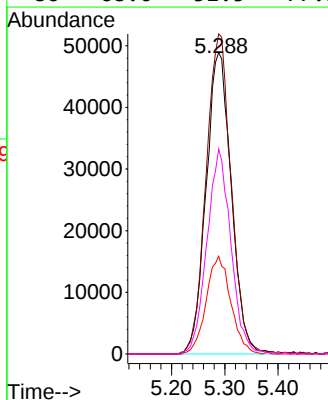
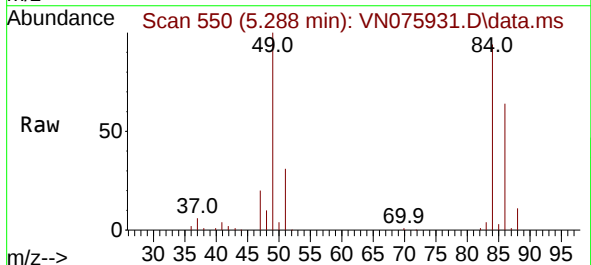
Manual Integrations
APPROVED

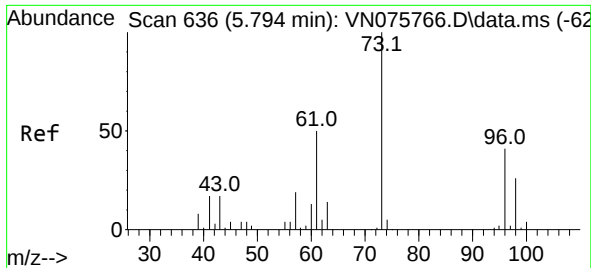
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#20
Methylene Chloride
Concen: 49.004 ug/l
RT: 5.288 min Scan# 550
Delta R.T. -0.001 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

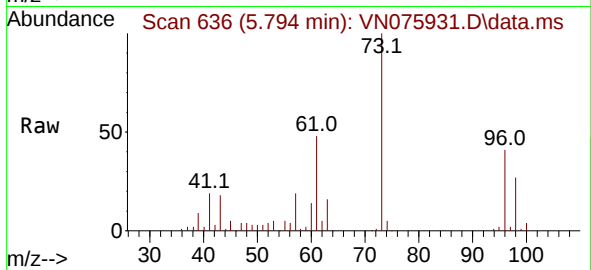
Tgt Ion: 84 Resp: 161205
Ion Ratio Lower Upper
84 100
49 106.2 81.8 122.6
51 32.4 26.7 40.1
86 68.0 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 46.575 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

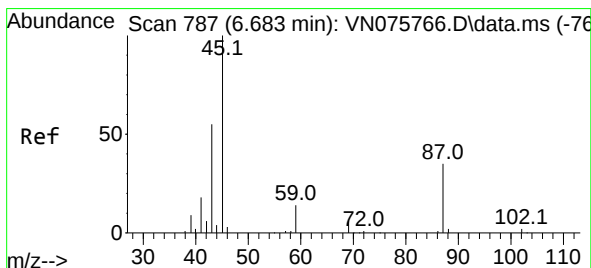
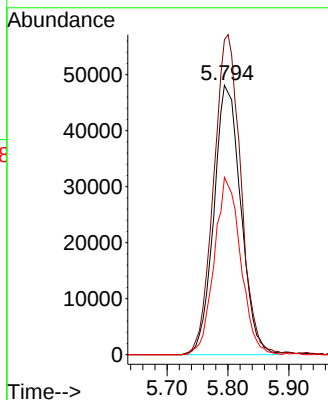
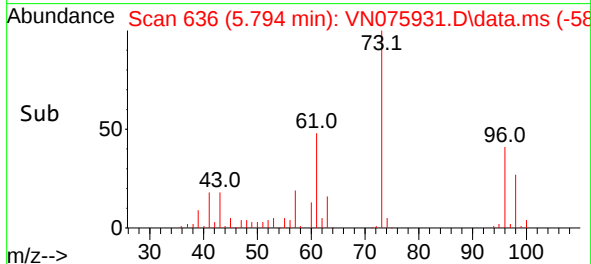
Instrument : MSVOA_N
ClientSampleId : GWOW-BR-04-147-166-122022MS



Tgt Ion: 96 Resp: 148198
Ion Ratio Lower Upper
96 100
61 116.9 98.1 147.1
98 65.8 51.4 77.2

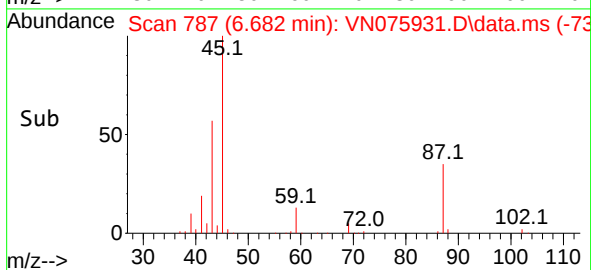
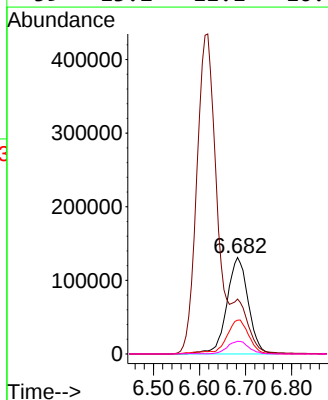
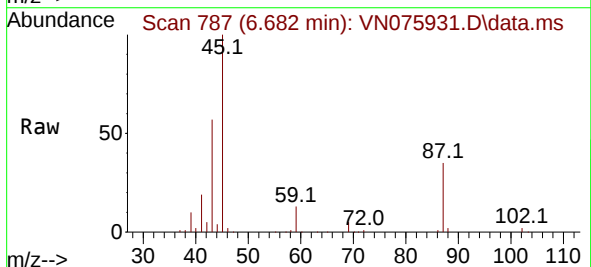
Manual Integrations
APPROVED

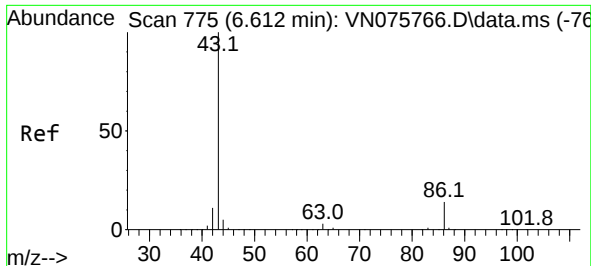
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#22
Diisopropyl ether
Concen: 51.135 ug/l
RT: 6.682 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

Tgt Ion: 45 Resp: 421905
Ion Ratio Lower Upper
45 100
43 55.7 44.2 66.4
87 34.8 28.3 42.5
59 13.2 11.1 16.7





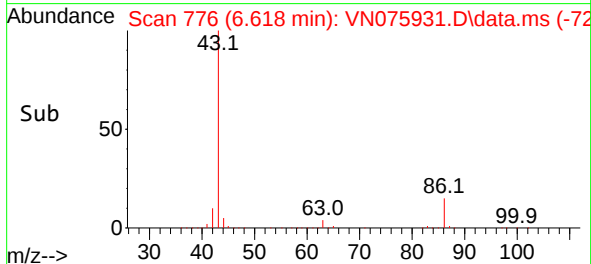
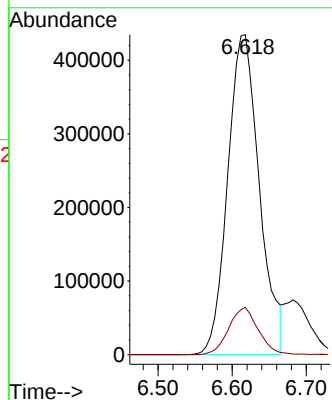
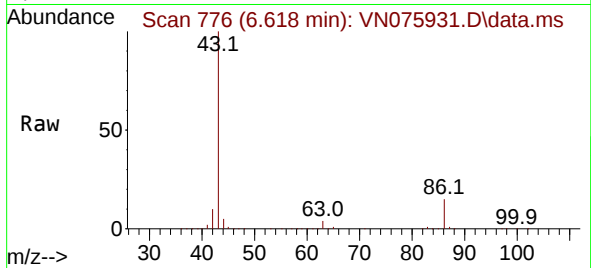
#23
 Vinyl Acetate
 Concen: 232.681 ug/l
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN075931.D
 Acq: 21 Dec 2022 19:52

Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-04-147-166-122022MS

Tgt Ion: 43 Resp: 129217
 Ion Ratio Lower Upper
 43 100
 86 14.8 11.4 17.2

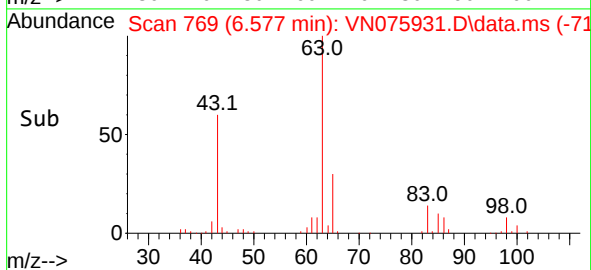
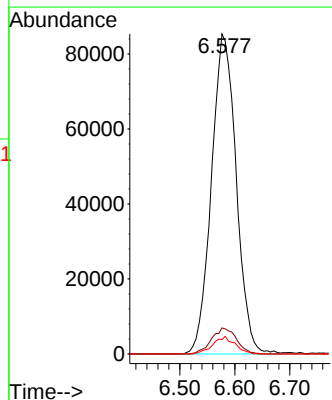
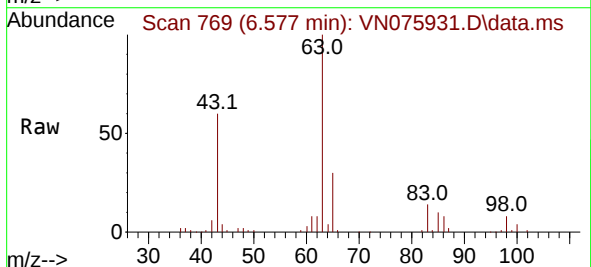
Manual Integrations
 APPROVED

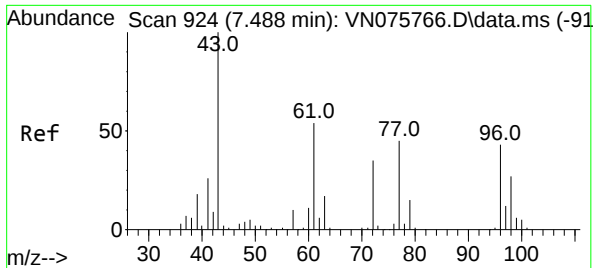
Reviewed By :John Carlone 12/22/2022
 Supervised By :Mahesh Dadoda 12/22/2022



#24
 1,1-Dichloroethane
 Concen: 48.520 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075931.D
 Acq: 21 Dec 2022 19:52

Tgt Ion: 63 Resp: 266988
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.9 11.5
 100 4.5 2.5 7.6





#25

2-Butanone

Concen: 234.590 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075931.D

Acq: 21 Dec 2022 19:52

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-04-147-166-122022MS

Tgt Ion: 43 Resp: 403819

Ion Ratio Lower Upper

43 100

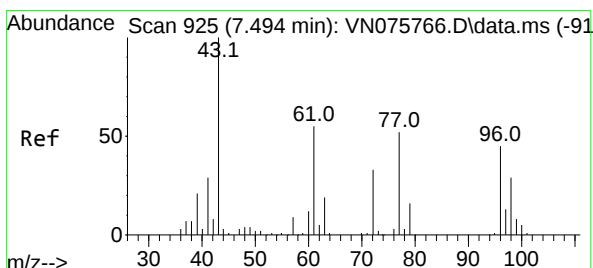
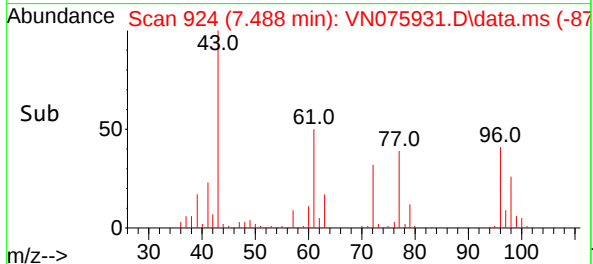
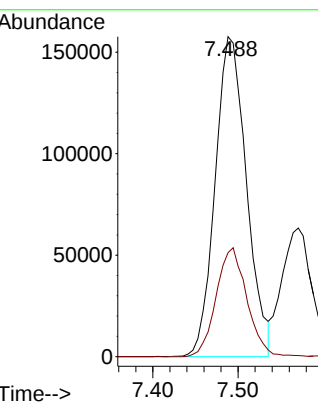
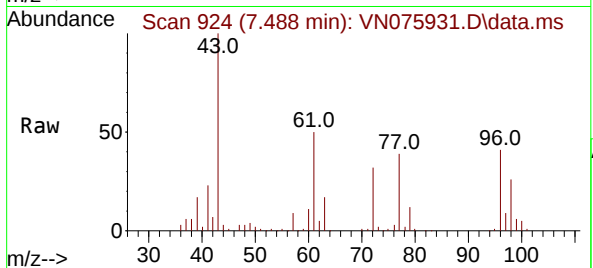
72 32.5 28.0 42.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#26

2,2-Dichloropropane

Concen: 45.004 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN075931.D

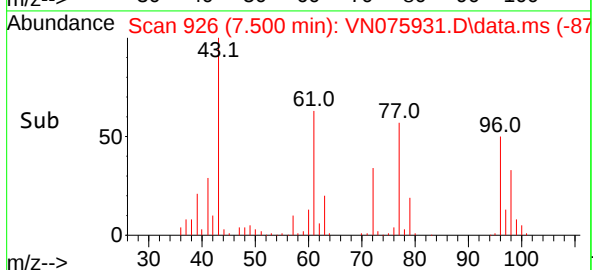
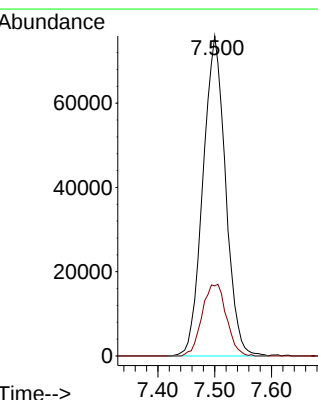
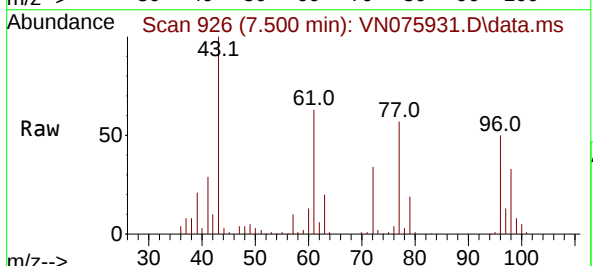
Acq: 21 Dec 2022 19:52

Tgt Ion: 77 Resp: 209716

Ion Ratio Lower Upper

77 100

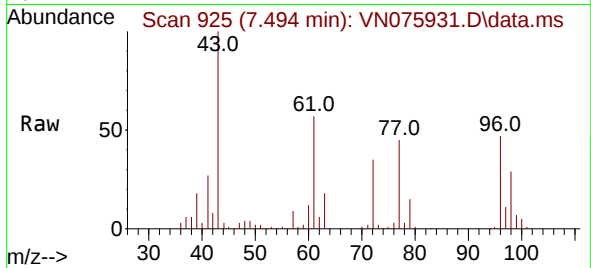
97 24.2 12.7 38.0





#27
 cis-1,2-Dichloroethene
 Concen: 48.255 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN075931.D
 Acq: 21 Dec 2022 19:52

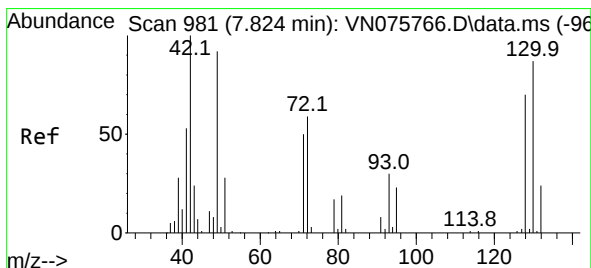
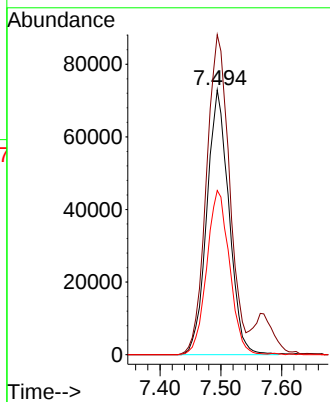
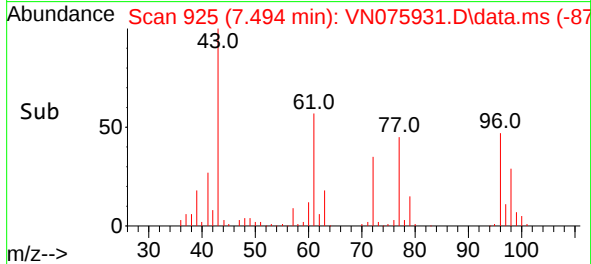
Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-04-147-166-122022MS



Tgt Ion: 96 Resp: 183630
 Ion Ratio Lower Upper
 96 100
 61 125.8 0.0 247.8
 98 64.0 0.0 128.4

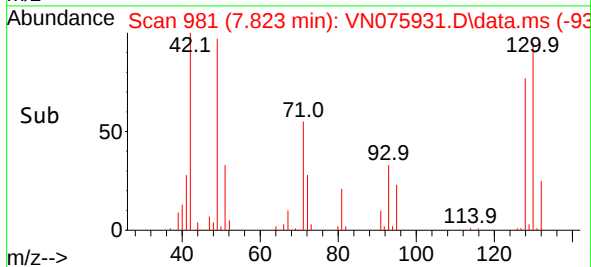
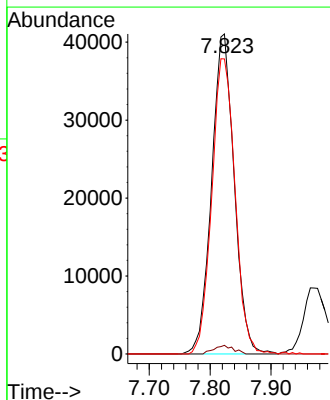
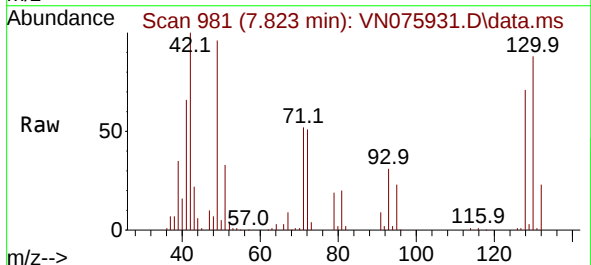
Manual Integrations
 APPROVED

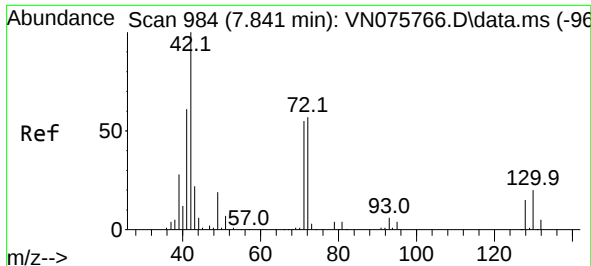
Reviewed By :John Carlone 12/22/2022
 Supervised By :Mahesh Dadoda 12/22/2022



#28
 Bromochloromethane
 Concen: 43.888 ug/l
 RT: 7.823 min Scan# 981
 Delta R.T. -0.000 min
 Lab File: VN075931.D
 Acq: 21 Dec 2022 19:52

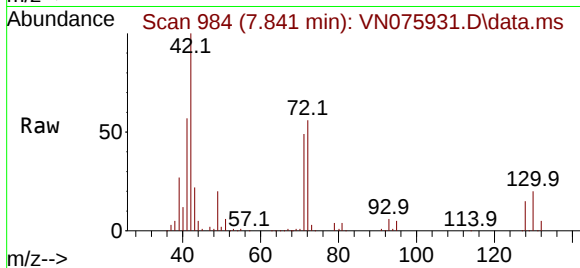
Tgt Ion: 49 Resp: 105848
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 5.0
 130 94.6 77.0 115.4





#29
Tetrahydrofuran
Concen: 251.802 ug/l
RT: 7.841 min Scan# 984
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

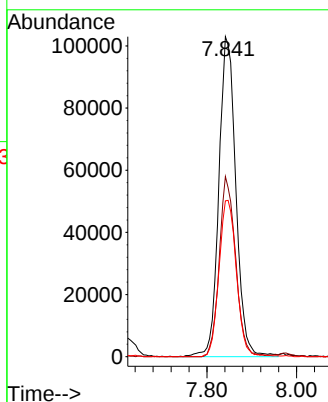
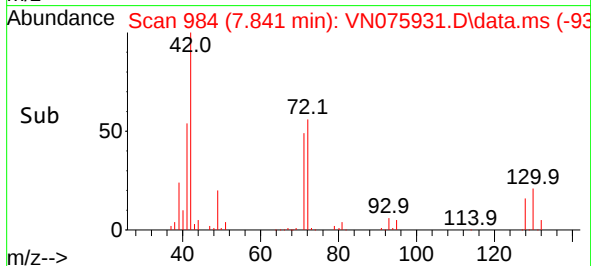
Instrument : MSVOA_N
ClientSampleId : GWOW-BR-04-147-166-122022MS



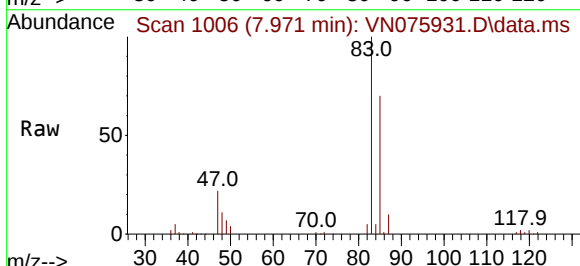
Tgt Ion: 42 Resp: 271630
Ion Ratio Lower Upper
42 100
72 54.0 44.5 66.7
71 50.0 41.0 61.6

Manual Integrations
APPROVED

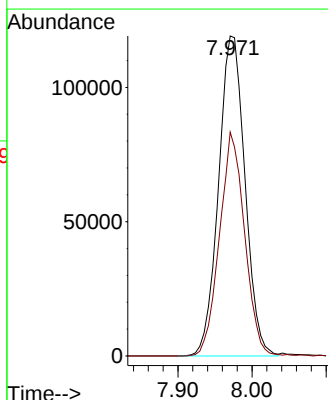
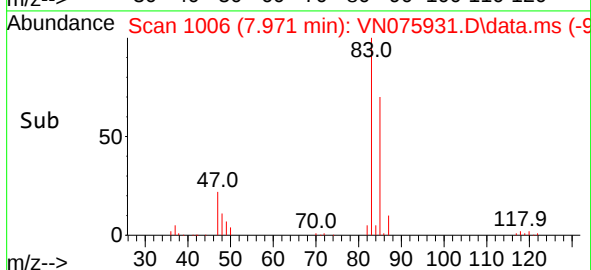
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

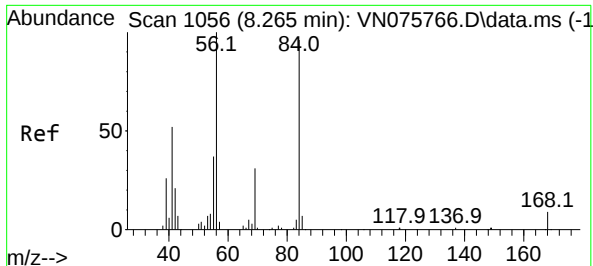


#30
Chloroform
Concen: 47.618 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52



Tgt Ion: 83 Resp: 295014
Ion Ratio Lower Upper
83 100
85 69.9 49.1 73.7





#31

Cyclohexane

Concen: 45.498 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN075931.D

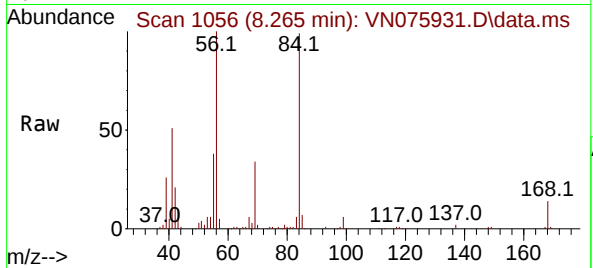
Acq: 21 Dec 2022 19:52

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-04-147-166-122022MS



Tgt Ion: 56 Resp: 23238

Ion Ratio Lower Upper

56 100

69 33.6 24.7 37.1

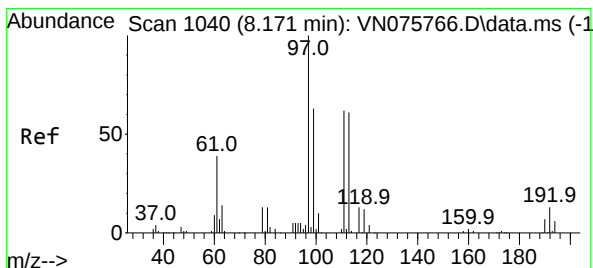
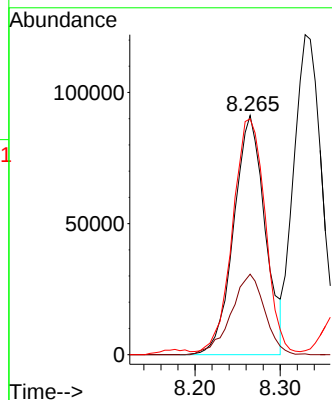
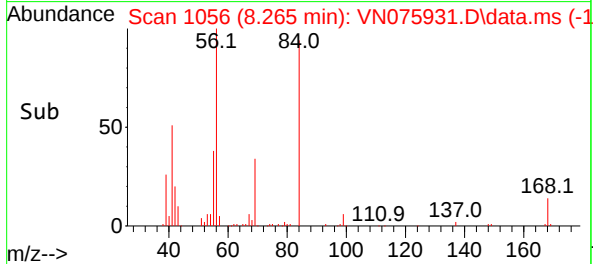
84 96.9 76.5 114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#32

1,1,1-Trichloroethane

Concen: 48.734 ug/l

RT: 8.176 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075931.D

Acq: 21 Dec 2022 19:52

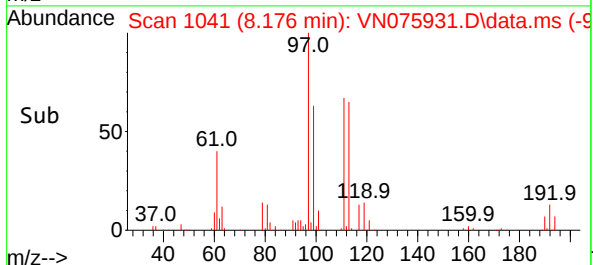
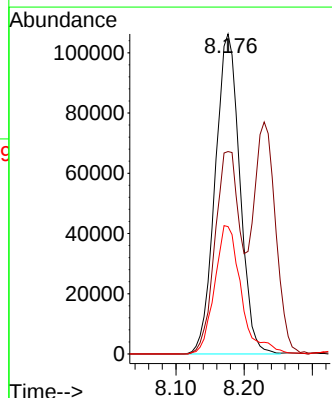
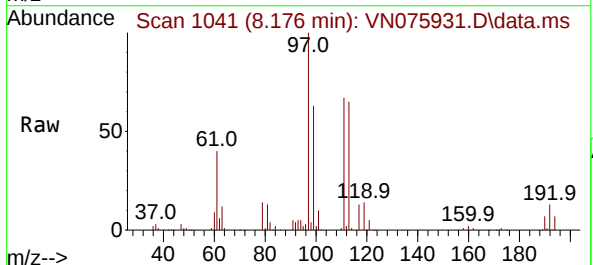
Tgt Ion: 97 Resp: 267675

Ion Ratio Lower Upper

97 100

99 63.2 50.2 75.2

61 43.3 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 51.416 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN075931.D

Acq: 21 Dec 2022 19:52

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-04-147-166-122022MS

Tgt Ion: 65 Resp: 183369

Ion Ratio Lower Upper

65 100

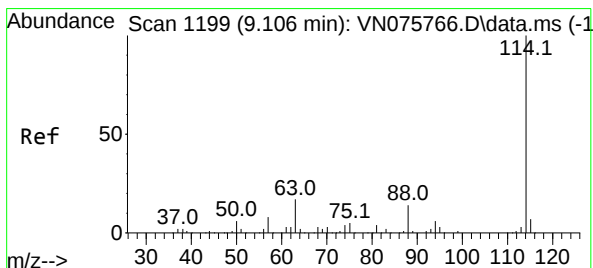
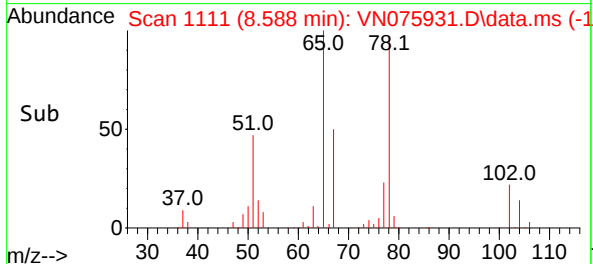
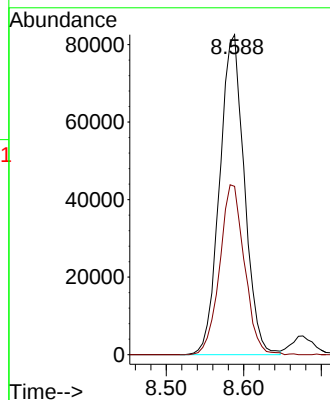
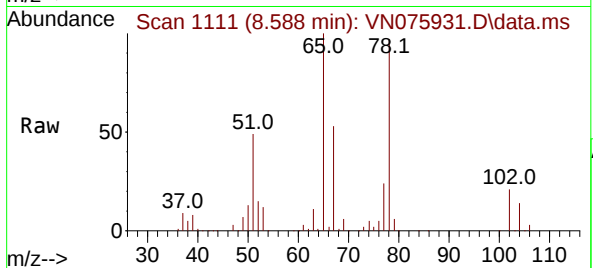
67 53.1 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075931.D

Acq: 21 Dec 2022 19:52

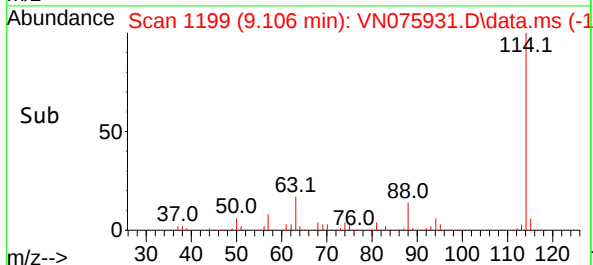
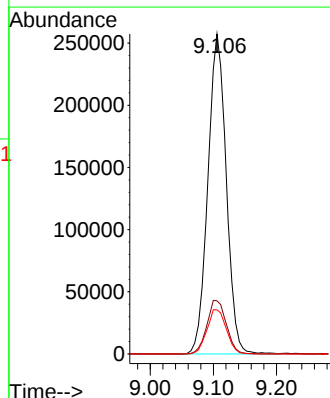
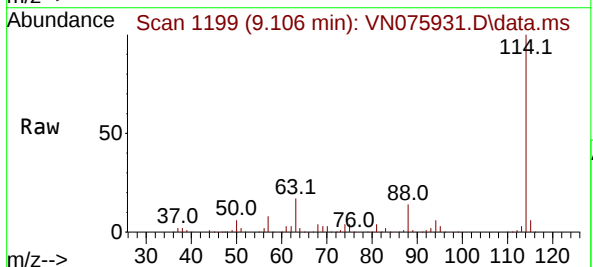
Tgt Ion:114 Resp: 520404

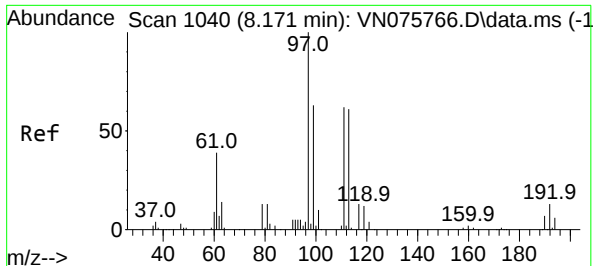
Ion Ratio Lower Upper

114 100

63 16.6 0.0 34.4

88 13.8 0.0 28.8





#35

Dibromofluoromethane

Concen: 53.073 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075931.D

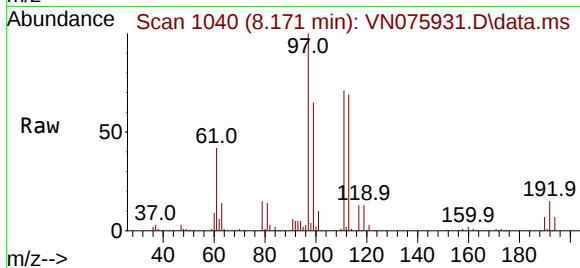
Acq: 21 Dec 2022 19:52

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-04-147-166-122022MS



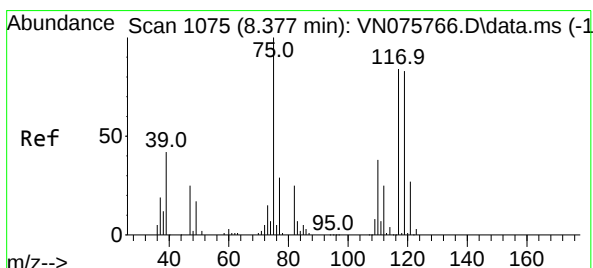
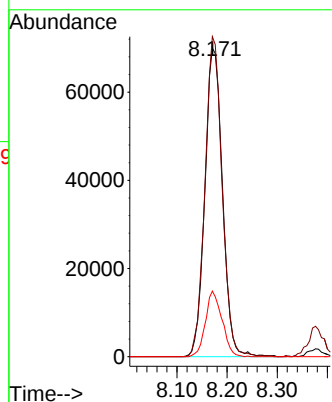
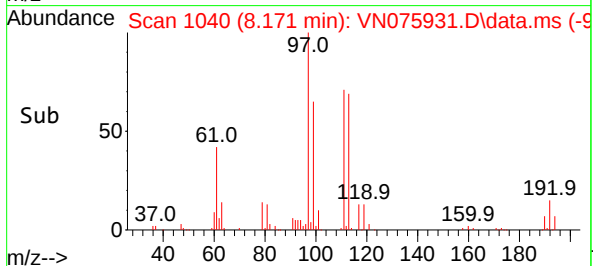
Tgt Ion:	113	Resp:	17104
Ion	Ratio	Lower	Upper
113	100		
111	101.0	83.4	125.2
192	20.0	16.1	24.1

Manual Integrations

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Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#36

1,1-Dichloropropene

Concen: 49.044 ug/l

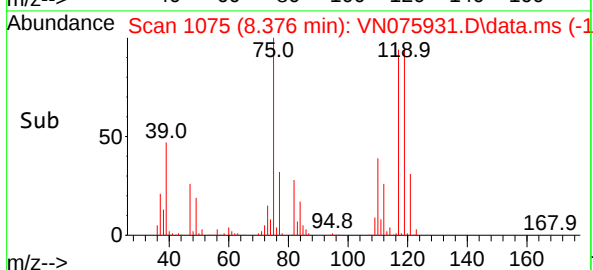
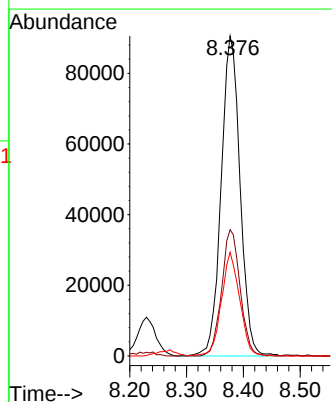
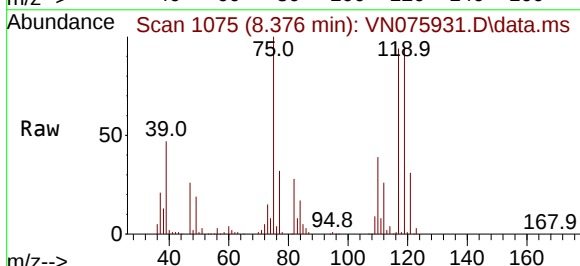
RT: 8.376 min Scan# 1075

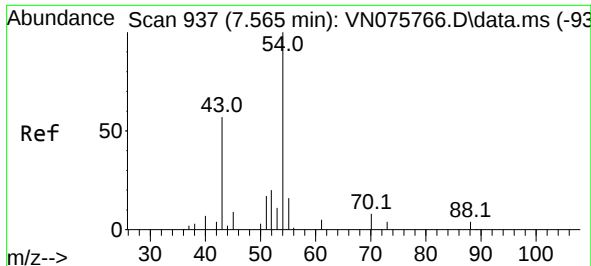
Delta R.T. -0.000 min

Lab File: VN075931.D

Acq: 21 Dec 2022 19:52

Tgt Ion:	75	Resp:	209963
Ion	Ratio	Lower	Upper
75	100		
110	38.5	18.8	56.4
77	31.2	24.1	36.1





#37

Ethyl Acetate

Concen: 47.531 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075931.D

Acq: 21 Dec 2022 19:52

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-04-147-166-122022MS

Tgt Ion: 43 Resp: 16345

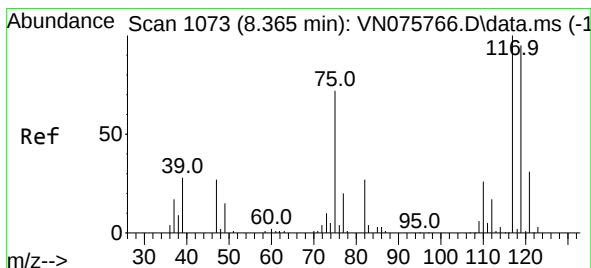
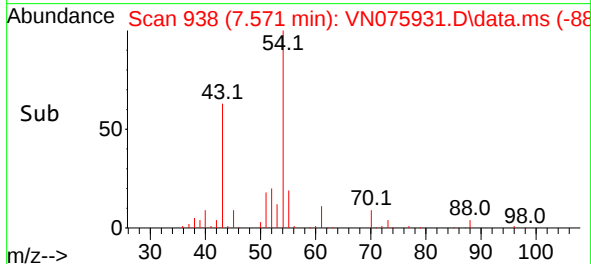
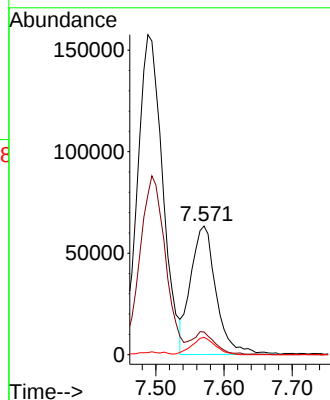
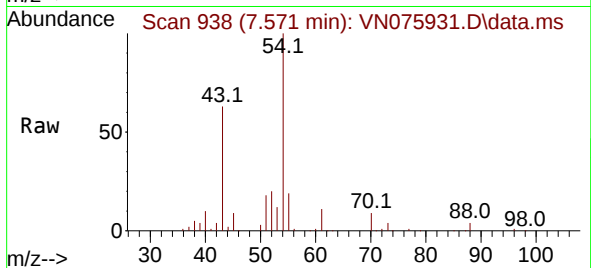
Ion	Ratio	Lower	Upper
43	100		
61	14.6	13.0	19.4
70	12.5	9.4	14.0

Manual Integrations

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Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#38

Carbon Tetrachloride

Concen: 48.540 ug/l

RT: 8.370 min Scan# 1074

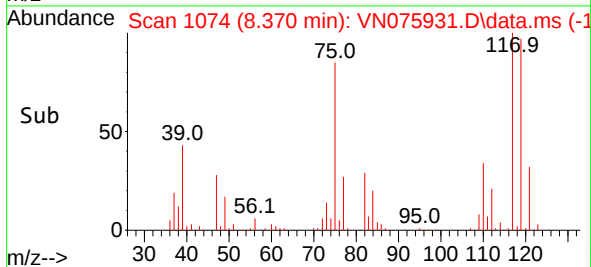
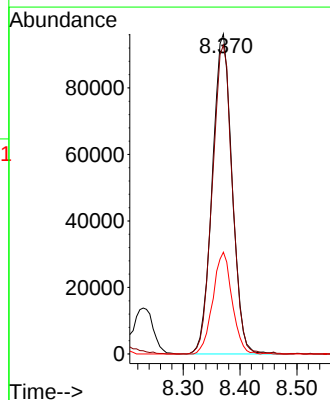
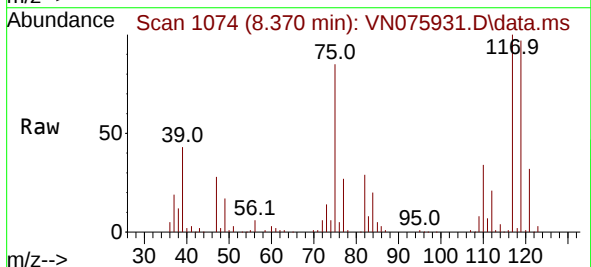
Delta R.T. 0.006 min

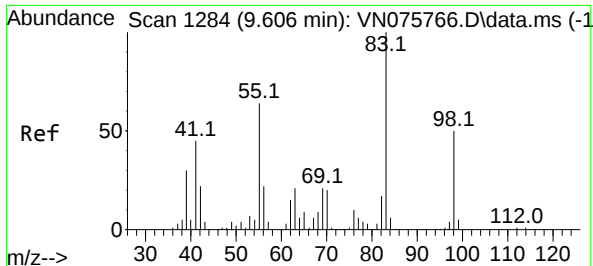
Lab File: VN075931.D

Acq: 21 Dec 2022 19:52

Tgt Ion:117 Resp: 232583

Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.1	114.1
121	31.8	24.5	36.7





#39

Methylcyclohexane

Concen: 51.735 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. -0.000 min

Lab File: VN075931.D

Acq: 21 Dec 2022 19:52

Instrument :

MSVOA_N

ClientSampleId :

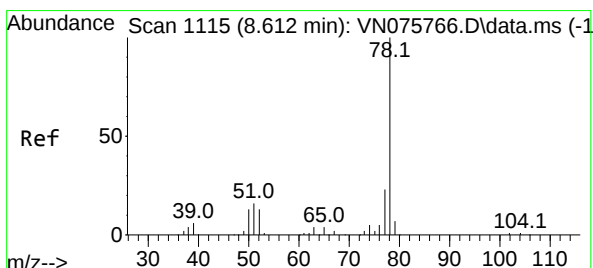
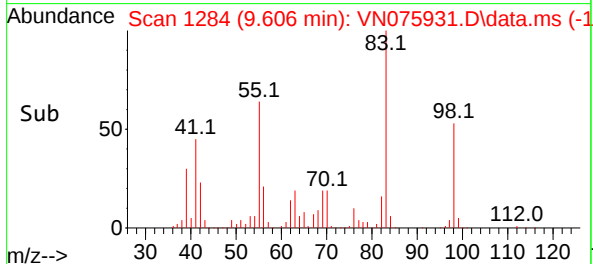
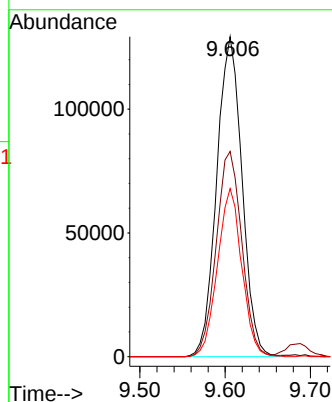
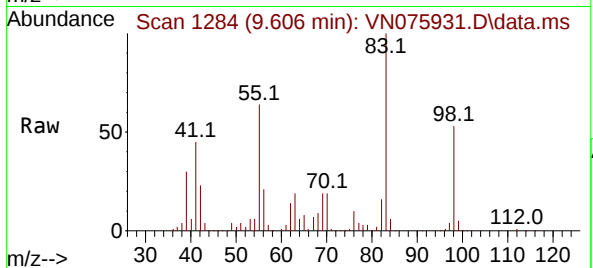
GWOW-BR-04-147-166-122022MS

Tgt Ion: 83 Resp: 267204
 Ion Ratio Lower Upper
 83 100
 55 64.2 51.4 77.0
 98 52.6 39.8 59.8

Manual Integrations

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Reviewed By :John Carlone 12/22/2022
 Supervised By :Mahesh Dadoda 12/22/2022



#40

Benzene

Concen: 49.308 ug/l

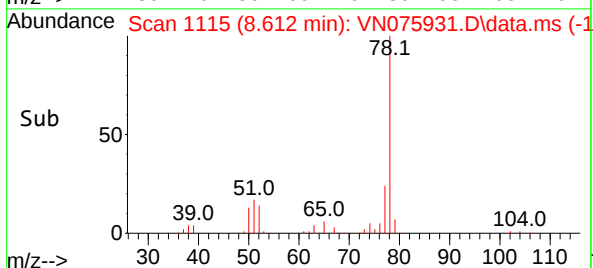
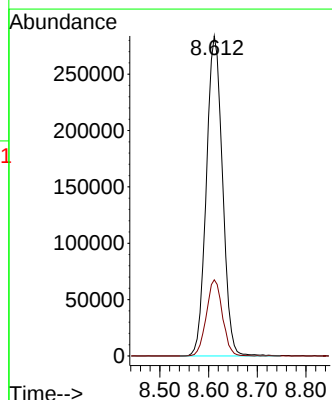
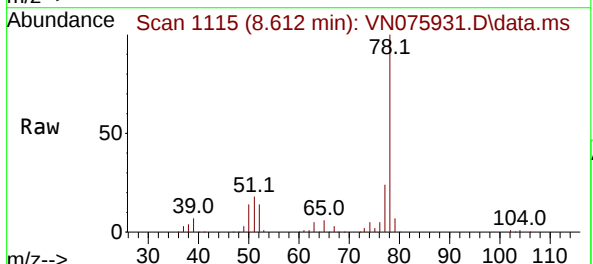
RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075931.D

Acq: 21 Dec 2022 19:52

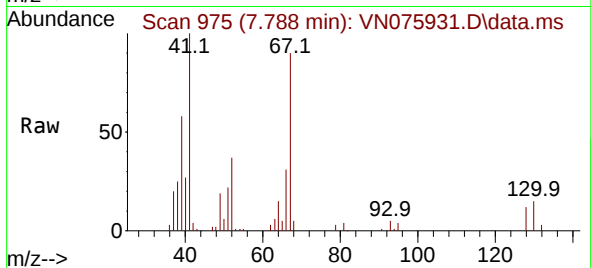
Tgt Ion: 78 Resp: 651305
 Ion Ratio Lower Upper
 78 100
 77 23.8 18.5 27.7





#41
Methacrylonitrile
Concen: 50.925 ug/l
RT: 7.788 min Scan# 9102
Delta R.T. 0.006 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

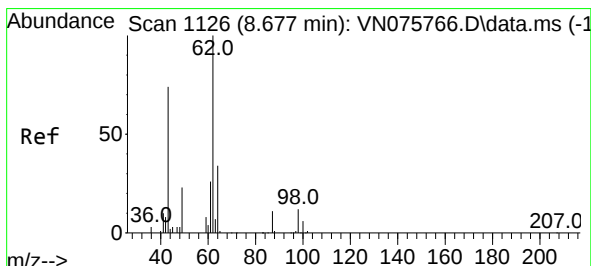
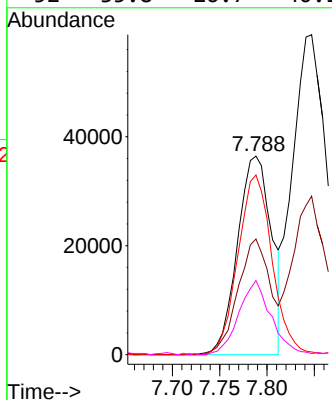
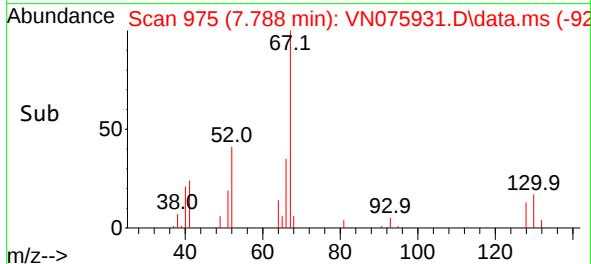
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-147-166-122022MS



Tgt Ion: 41 Resp: 9102
Ion Ratio Lower Upper
41 100
39 55.4 43.1 64.7
67 91.0 70.7 106.1
52 35.8 26.7 40.1

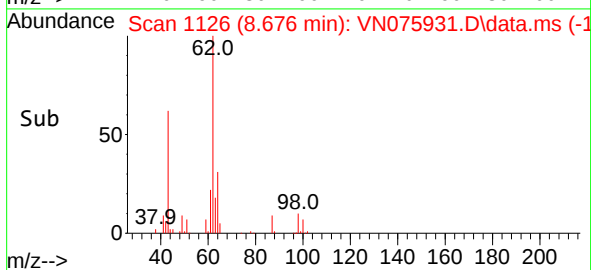
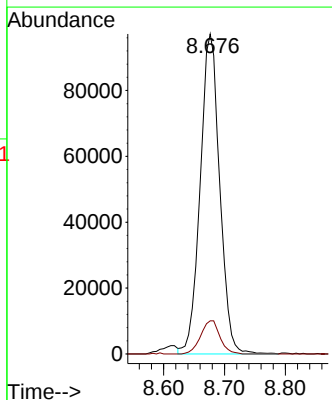
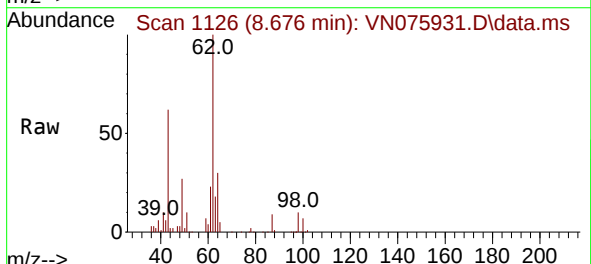
Manual Integrations
APPROVED

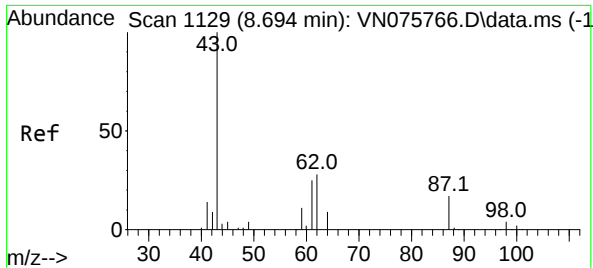
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#42
1,2-Dichloroethane
Concen: 49.196 ug/l
RT: 8.676 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

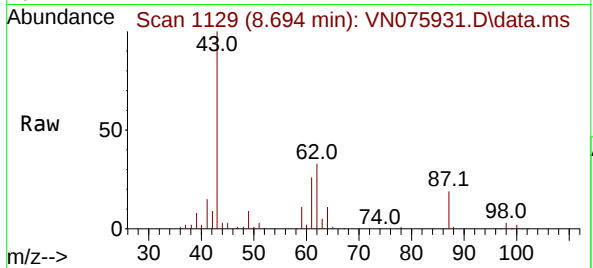
Tgt Ion: 62 Resp: 216038
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.8





#43
Isopropyl Acetate
Concen: 50.531 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

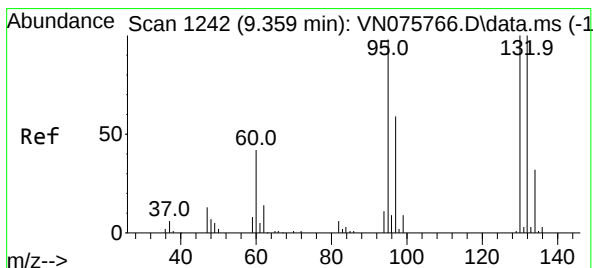
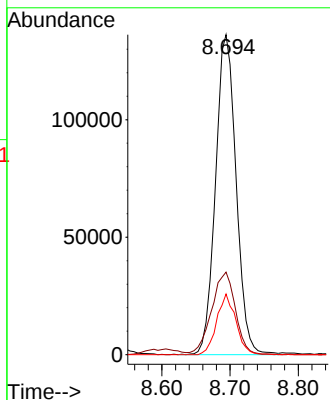
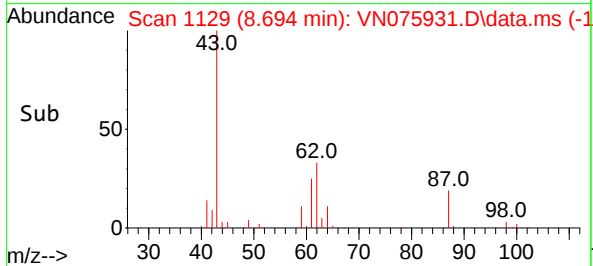
Instrument : MSVOA_N
ClientSampleId : GWOW-BR-04-147-166-122022MS



Tgt Ion: 43 Resp: 28664
Ion Ratio Lower Upper
43 100
61 29.9 24.2 36.4
87 17.6 13.3 19.9

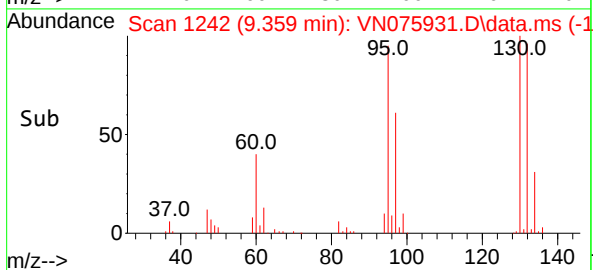
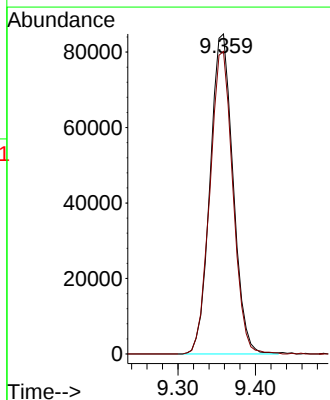
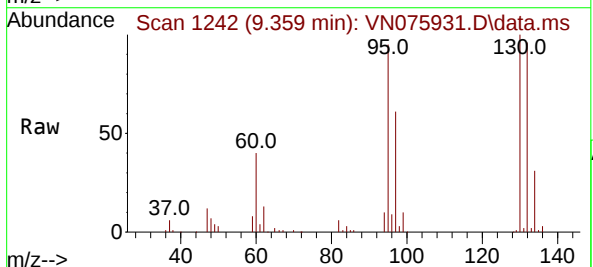
Manual Integrations
APPROVED

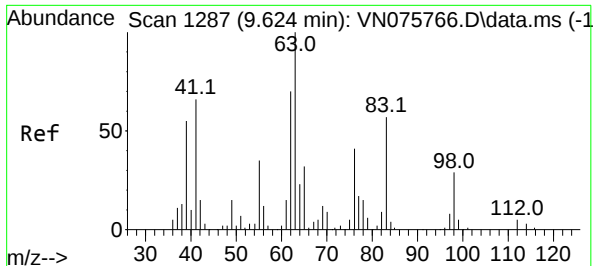
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#44
Trichloroethene
Concen: 46.986 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

Tgt Ion:130 Resp: 174842
Ion Ratio Lower Upper
130 100
95 94.6 0.0 195.4





#45

1,2-Dichloropropane

Concen: 48.874 ug/l

RT: 9.629 min Scan# 1287

Delta R.T. 0.006 min

Lab File: VN075931.D

Acq: 21 Dec 2022 19:52

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-04-147-166-122022MS

Tgt Ion: 63 Resp: 15709

Ion Ratio Lower Upper

63 100

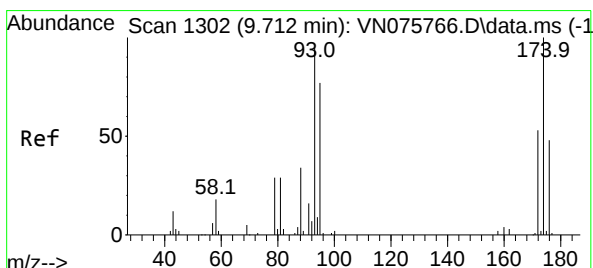
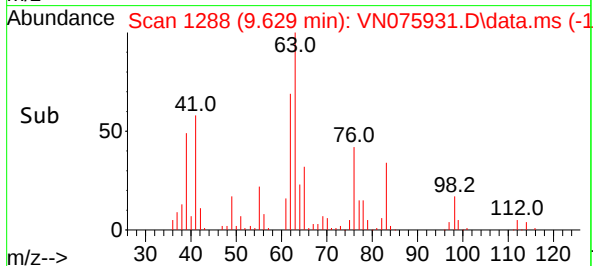
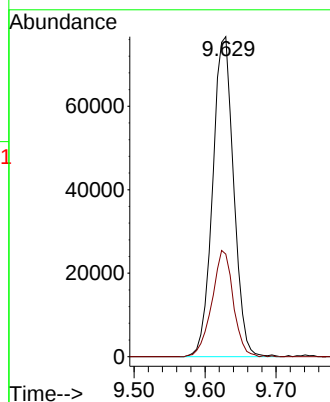
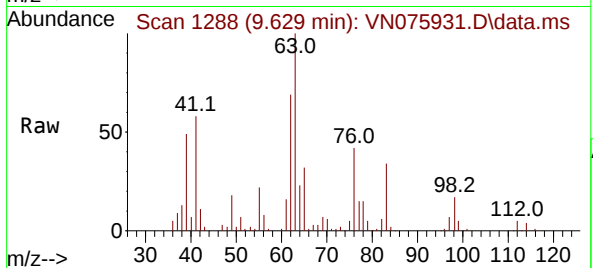
65 32.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#46

Dibromomethane

Concen: 48.545 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075931.D

Acq: 21 Dec 2022 19:52

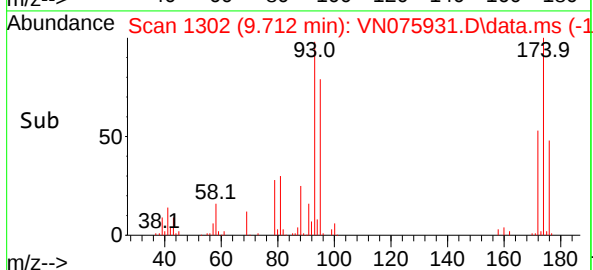
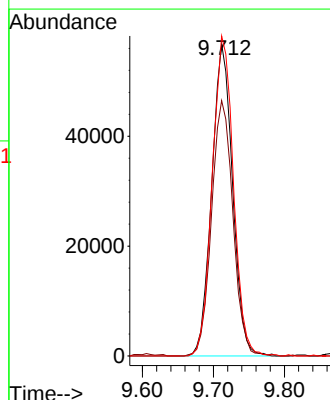
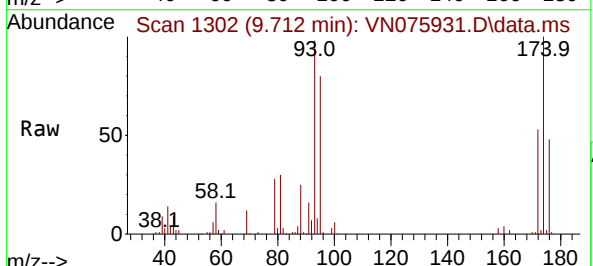
Tgt Ion: 93 Resp: 115733

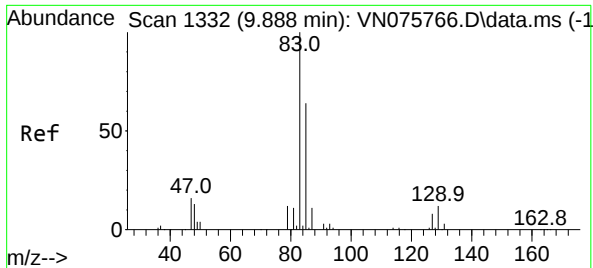
Ion Ratio Lower Upper

93 100

95 84.0 65.2 97.8

174 104.0 82.4 123.6





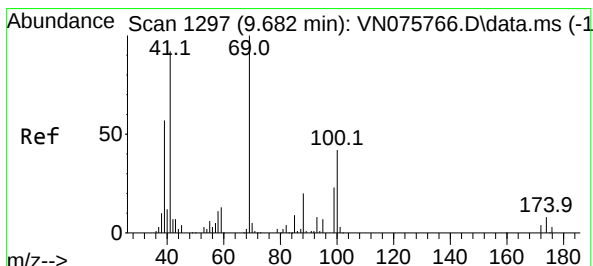
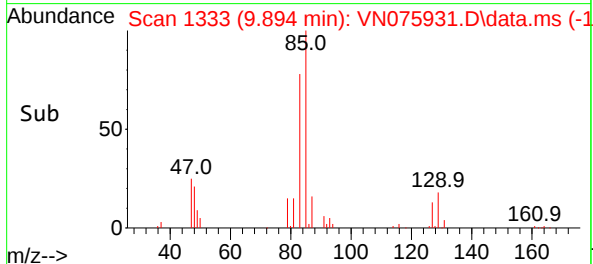
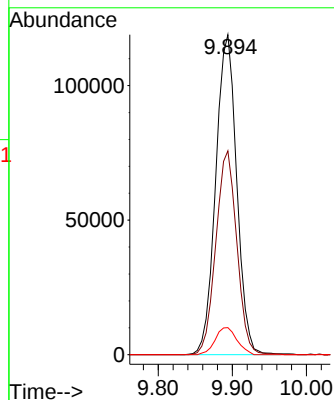
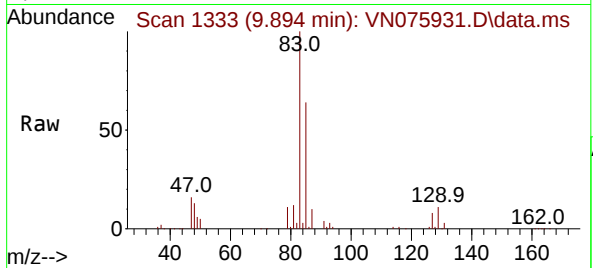
#47
Bromodichloromethane
Concen: 50.104 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-147-166-122022MS

Tgt Ion: 83 Resp: 23424
Ion Ratio Lower Upper
83 100
85 63.7 51.5 77.3
127 8.5 6.6 10.0

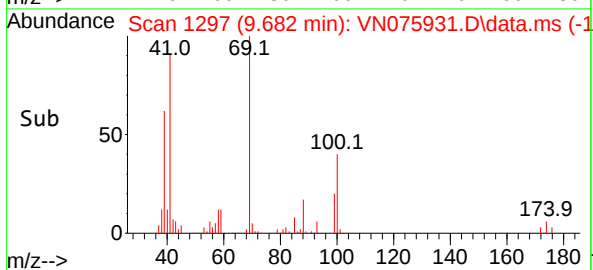
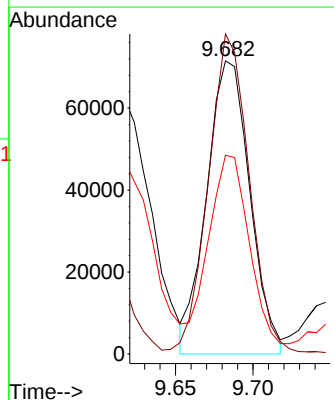
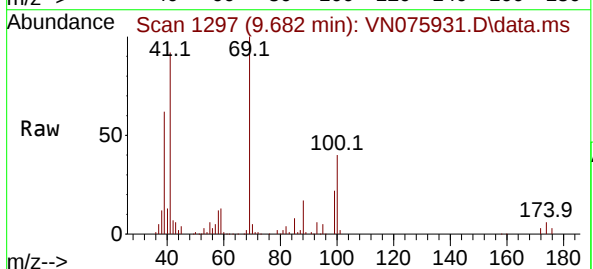
Manual Integrations
APPROVED

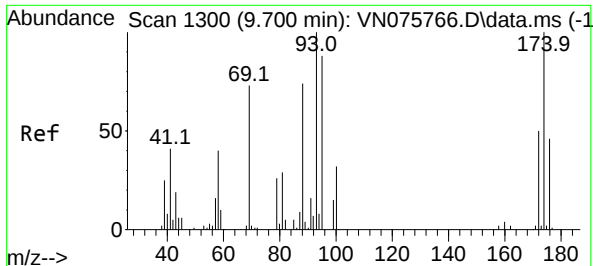
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#48
Methyl methacrylate
Concen: 54.279 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

Tgt Ion: 41 Resp: 138677
Ion Ratio Lower Upper
41 100
69 104.2 81.9 122.9
39 66.5 51.6 77.4





#49

1,4-Dioxane

Concen: 917.782 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN075931.D

Acq: 21 Dec 2022 19:52

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-04-147-166-122022MS

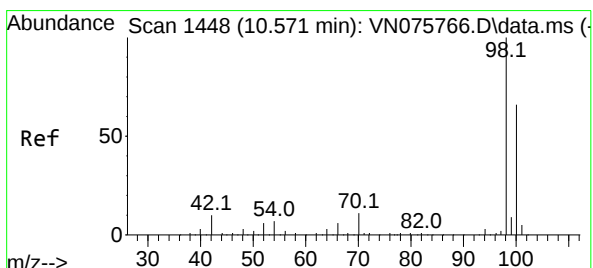
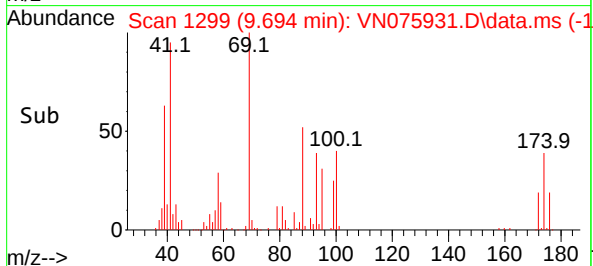
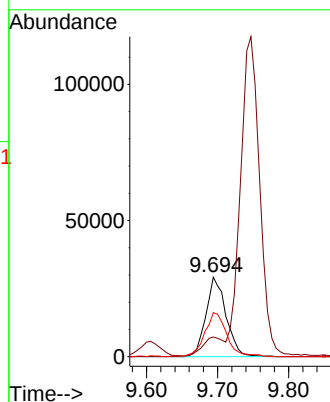
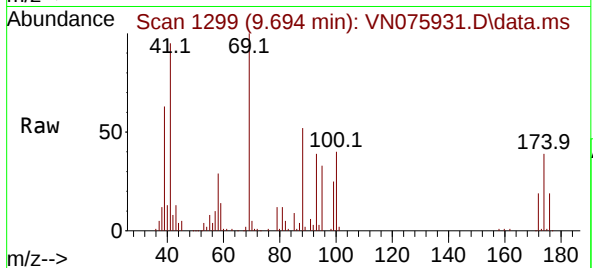
Tgt Ion: 88 Resp: 57640
 Ion Ratio Lower Upper
 88 100
 43 25.5 17.1 25.7
 58 61.0 47.8 71.8

Manual Integrations

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Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#50

Toluene-d8

Concen: 51.817 ug/l

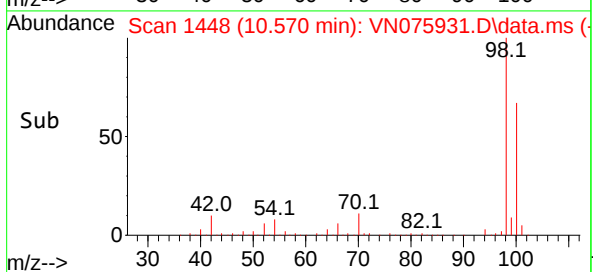
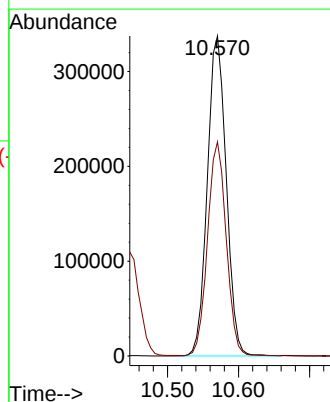
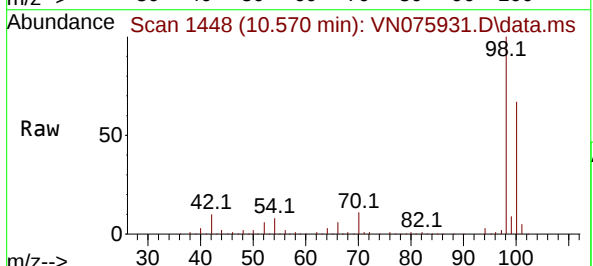
RT: 10.570 min Scan# 1448

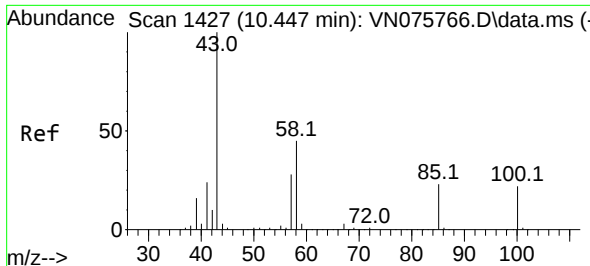
Delta R.T. -0.000 min

Lab File: VN075931.D

Acq: 21 Dec 2022 19:52

Tgt Ion: 98 Resp: 624379
 Ion Ratio Lower Upper
 98 100
 100 66.2 52.1 78.1





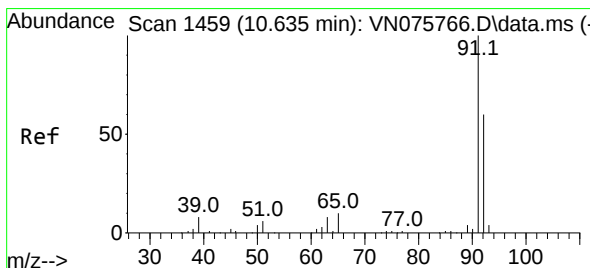
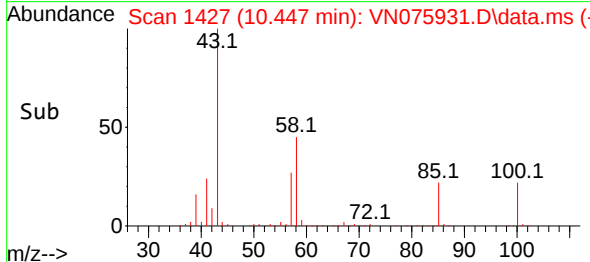
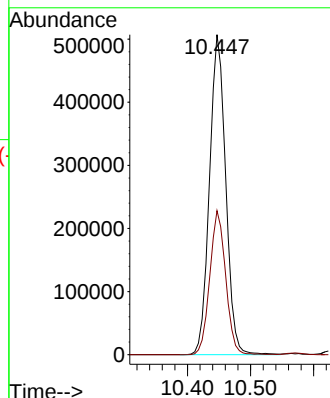
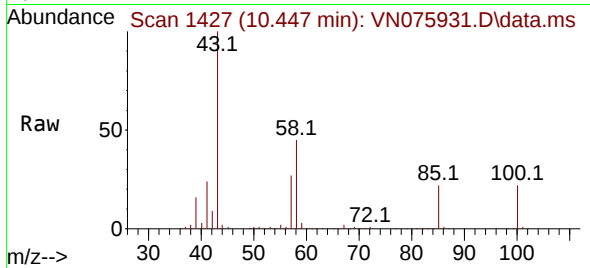
#51
4-Methyl-2-Pentanone
Concen: 263.888 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

Instrument : MSVOA_N
ClientSampleId : GWOW-BR-04-147-166-122022MS

Tgt Ion: 43 Resp: 90527
Ion Ratio Lower Upper
43 100
58 44.1 35.5 53.3

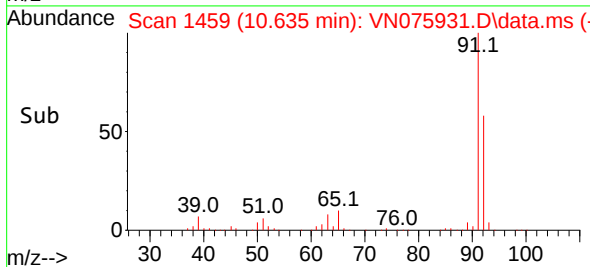
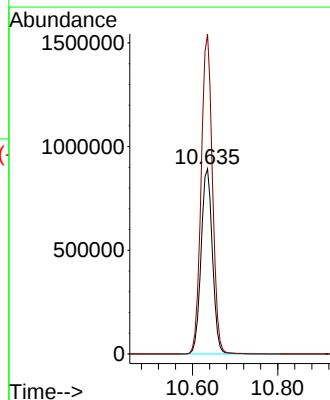
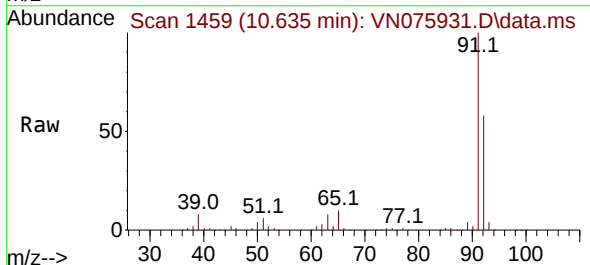
Manual Integrations
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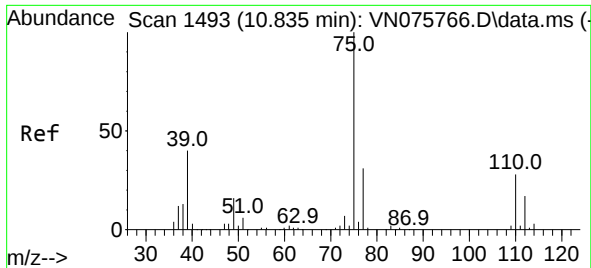
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#52
Toluene
Concen: 191.618 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

Tgt Ion: 92 Resp: 1648413
Ion Ratio Lower Upper
92 100
91 171.6 137.3 205.9





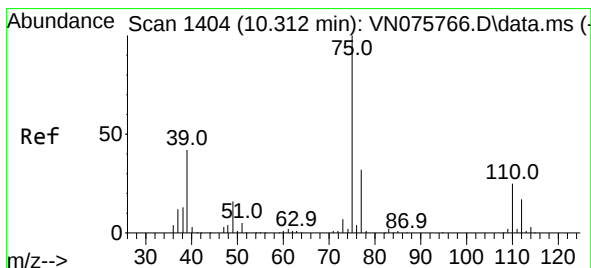
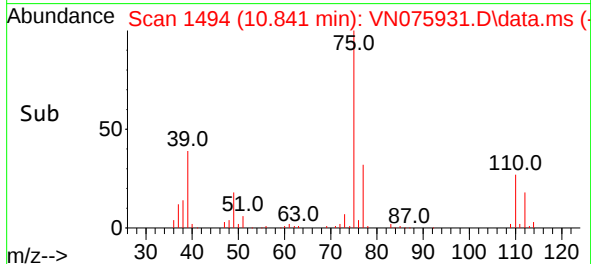
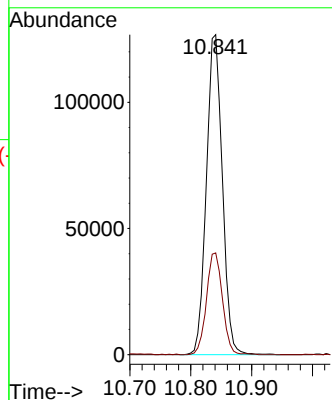
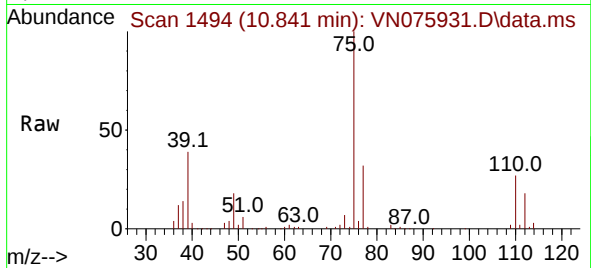
#53
 t-1,3-Dichloropropene
 Concen: 50.380 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN075931.D
 Acq: 21 Dec 2022 19:52

Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-04-147-166-122022MS

Tgt Ion: 75 Resp: 230560
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.9 37.3

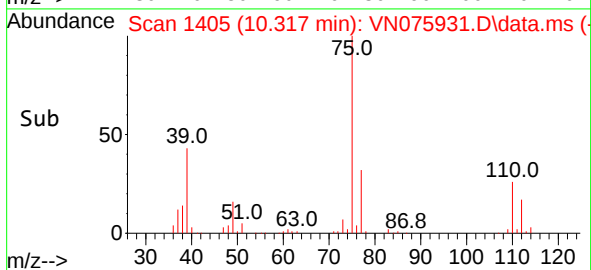
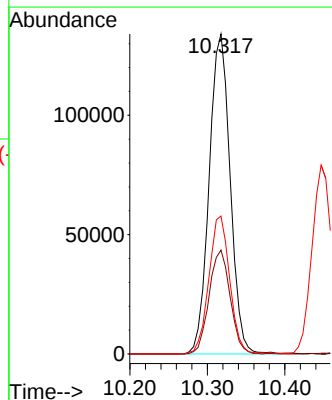
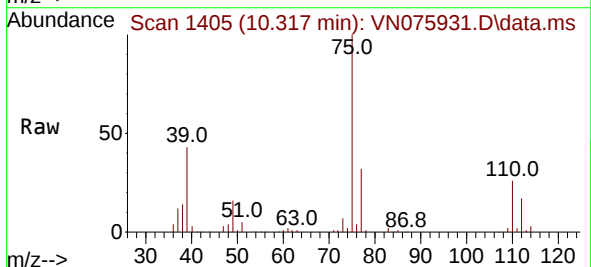
Manual Integrations
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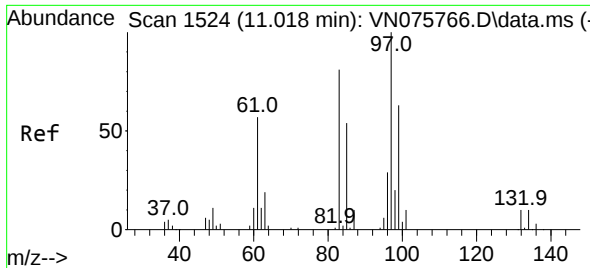
Reviewed By :John Carlone 12/22/2022
 Supervised By :Mahesh Dadoda 12/22/2022



#54
 cis-1,3-Dichloropropene
 Concen: 50.279 ug/l
 RT: 10.317 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN075931.D
 Acq: 21 Dec 2022 19:52

Tgt Ion: 75 Resp: 252640
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.8 38.8
 39 43.1 33.4 50.2





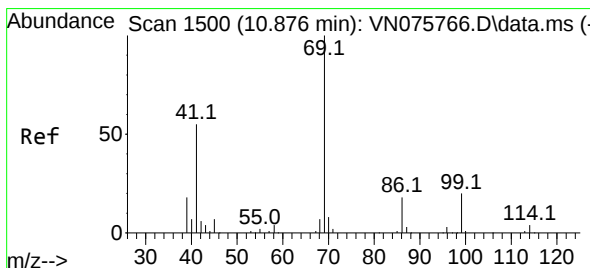
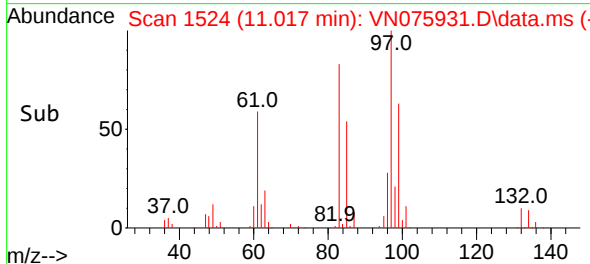
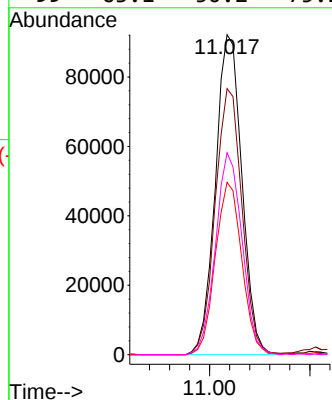
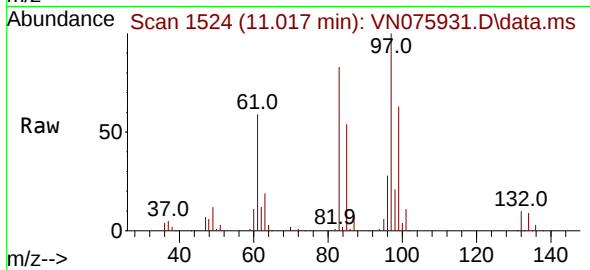
#55
1,1,2-Trichloroethane
Concen: 50.135 ug/l
RT: 11.017 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

Instrument : MSVOA_N
ClientSampleId : GWOW-BR-04-147-166-122022MS

Tgt Ion: 97	Resp: 16928
Ion Ratio	Lower Upper
97 100	
83 83.2	65.0 97.4
85 53.9	43.0 64.6
99 63.1	50.2 75.2

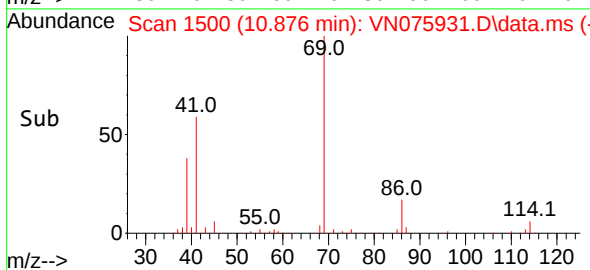
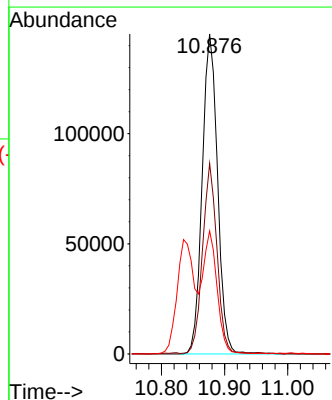
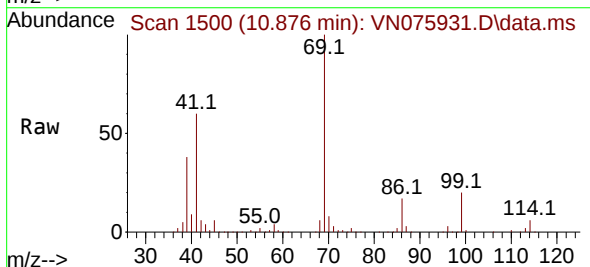
Manual Integrations
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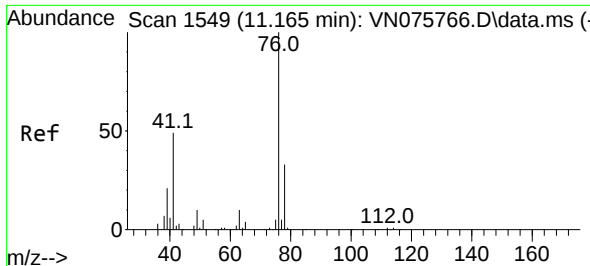
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#56
Ethyl methacrylate
Concen: 54.798 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

Tgt Ion: 69	Resp: 245769
Ion Ratio	Lower Upper
69 100	
41 55.6	44.2 66.4
39 34.5	26.4 39.6





#57

1,3-Dichloropropane

Concen: 50.284 ug/l

RT: 11.164 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN075931.D

Acq: 21 Dec 2022 19:52

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-04-147-166-122022MS

Tgt Ion: 76 Resp: 278500

Ion Ratio Lower Upper

76 100

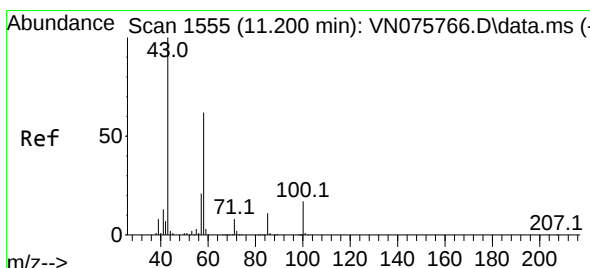
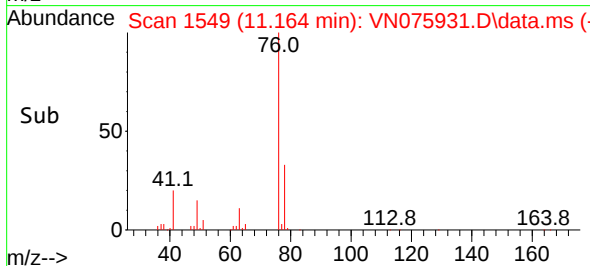
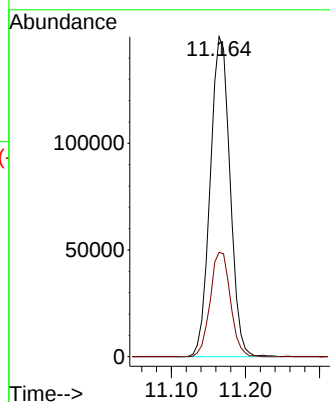
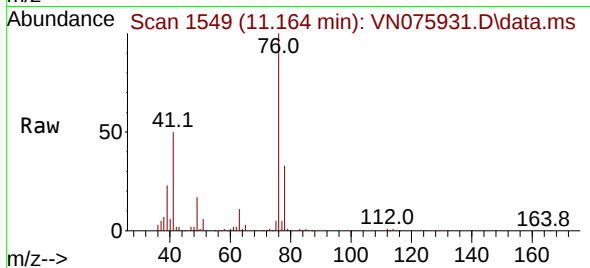
78 33.3 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#59

2-Hexanone

Concen: 256.350 ug/l

RT: 11.200 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VN075931.D

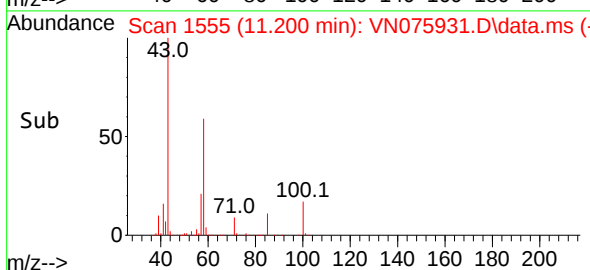
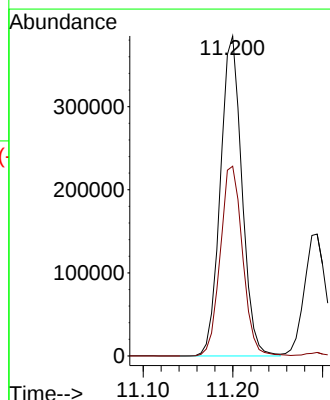
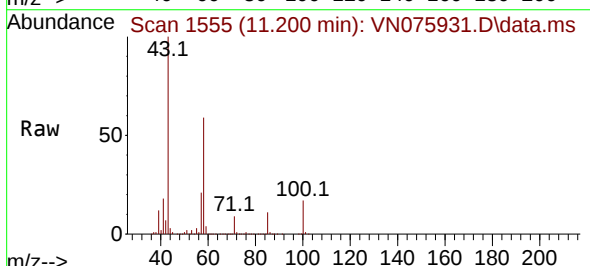
Acq: 21 Dec 2022 19:52

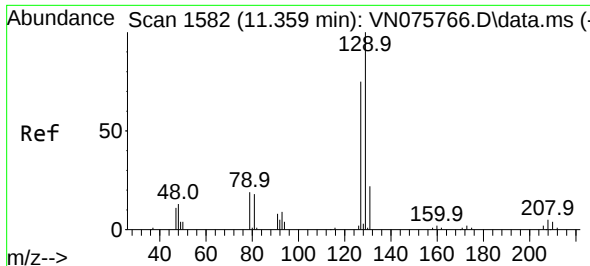
Tgt Ion: 43 Resp: 641331

Ion Ratio Lower Upper

43 100

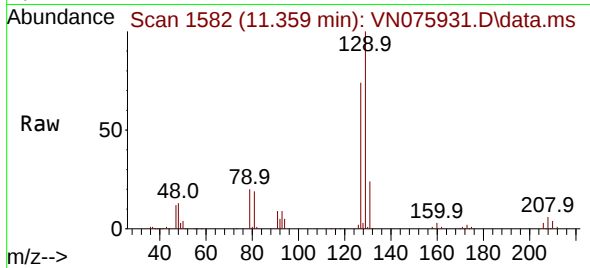
58 61.4 30.6 92.0





#60
Dibromochloromethane
Concen: 50.585 ug/l
RT: 11.359 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

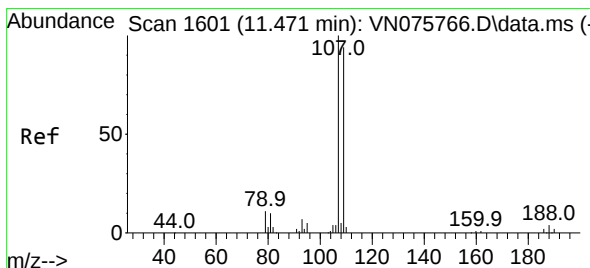
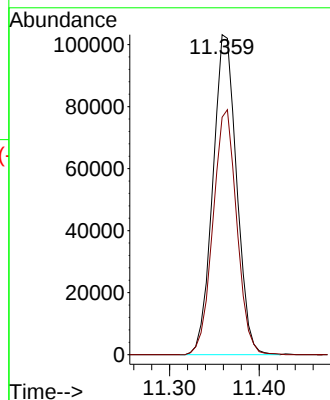
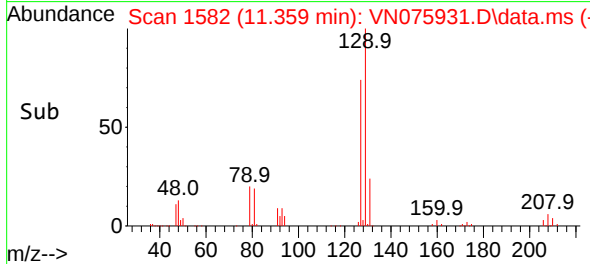
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-147-166-122022MS



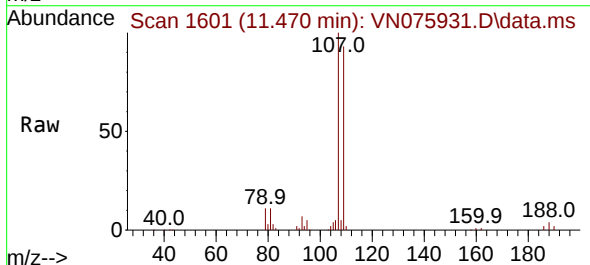
Tgt Ion:129 Resp: 189948
Ion Ratio Lower Upper
129 100
127 76.4 38.3 114.9

Manual Integrations
APPROVED

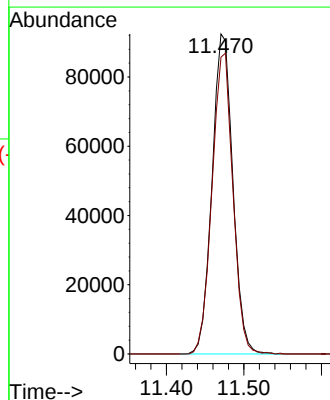
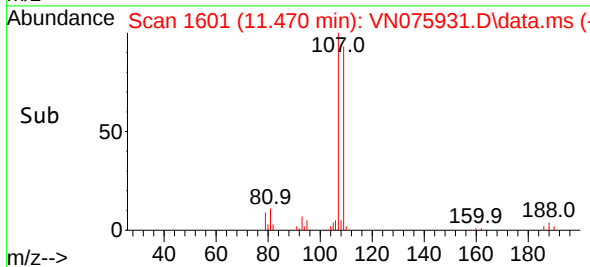
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

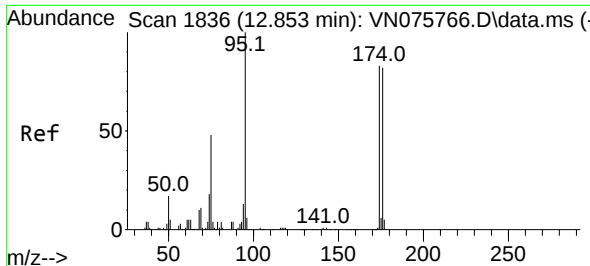


#61
1,2-Dibromoethane
Concen: 50.351 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52



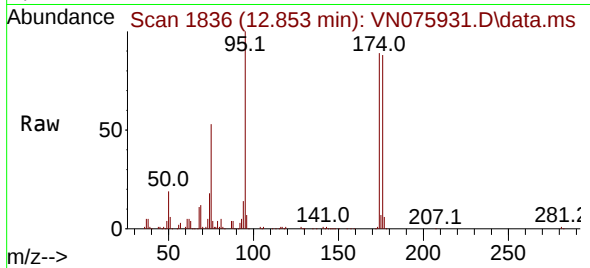
Tgt Ion:107 Resp: 172049
Ion Ratio Lower Upper
107 100
109 94.3 74.8 112.2





#62
4-Bromofluorobenzene
Concen: 54.160 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

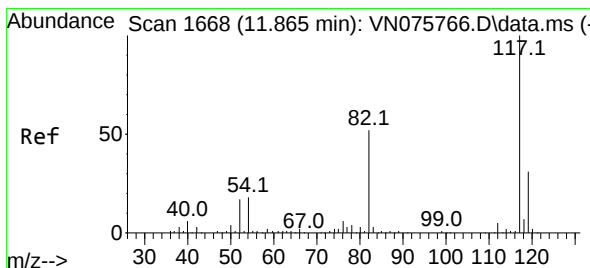
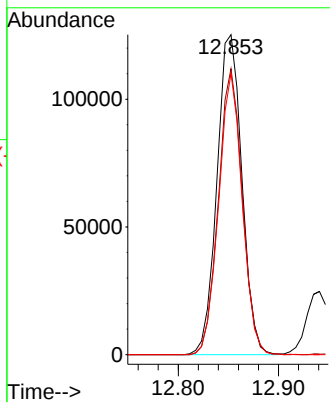
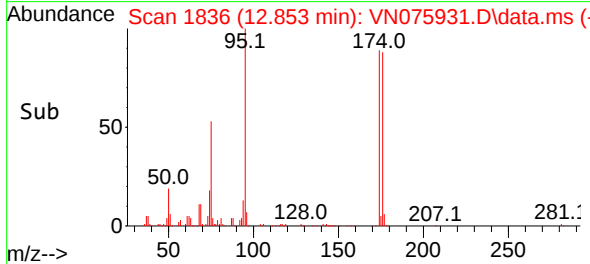
Instrument : MSVOA_N
ClientSampleId : GWOW-BR-04-147-166-122022MS



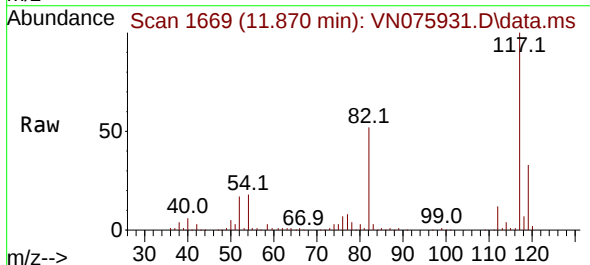
Tgt Ion: 95 Resp: 216150
Ion Ratio Lower Upper
95 100
174 85.6 0.0 171.6
176 82.9 0.0 169.2

Manual Integrations
APPROVED

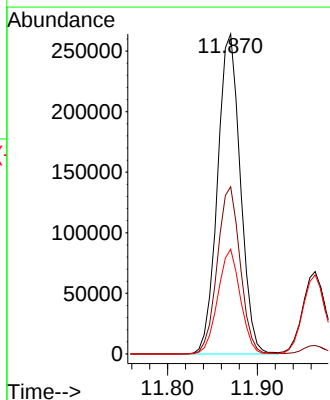
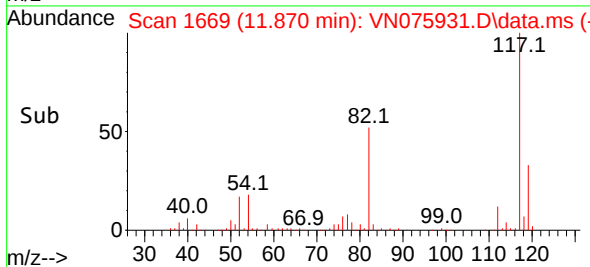
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

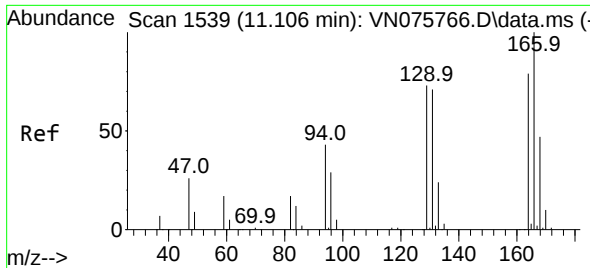


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52



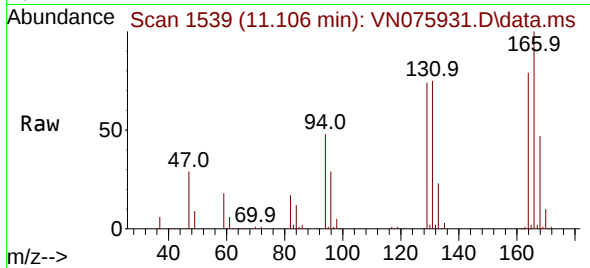
Tgt Ion:117 Resp: 467350
Ion Ratio Lower Upper
117 100
82 52.3 41.3 61.9
119 32.8 24.6 37.0





#64
Tetrachloroethene
Concen: 47.216 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

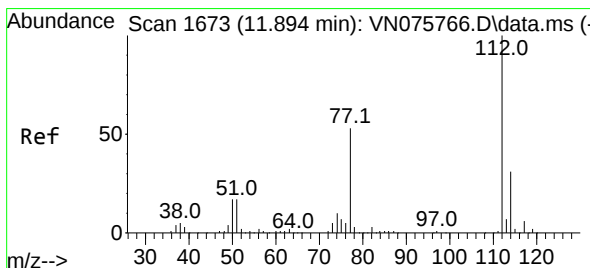
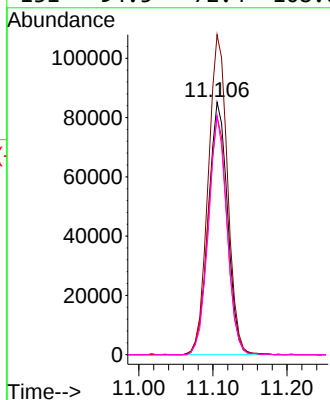
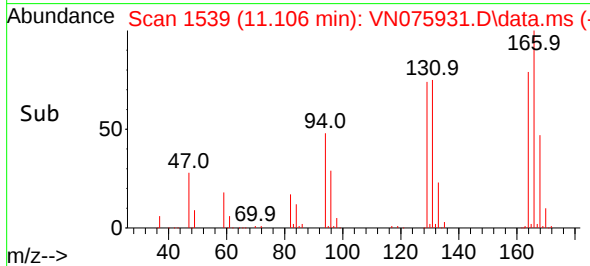
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-147-166-122022MS



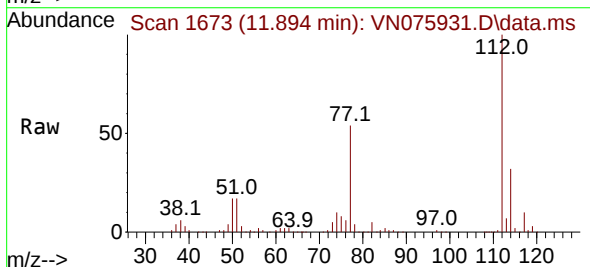
Tgt Ion:164 Resp: 155270
Ion Ratio Lower Upper
164 100
166 126.8 101.9 152.9
129 94.4 74.2 111.2
131 94.5 72.4 108.6

Manual Integrations
APPROVED

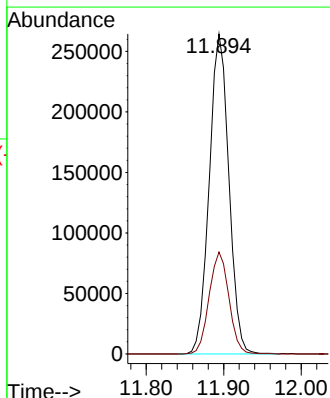
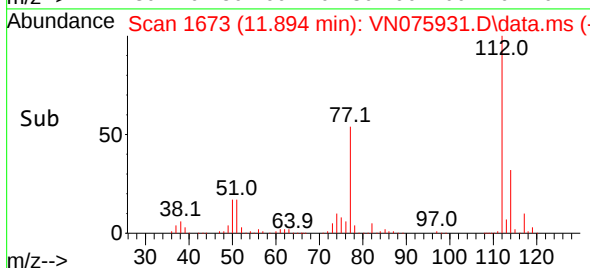
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

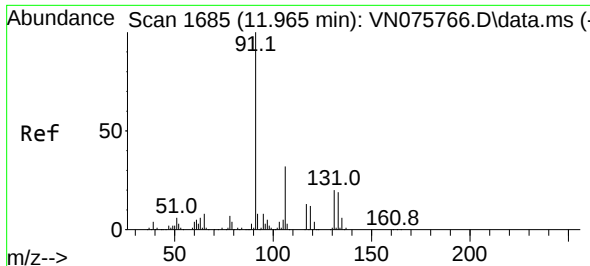


#65
Chlorobenzene
Concen: 48.437 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52



Tgt Ion:112 Resp: 464619
Ion Ratio Lower Upper
112 100
114 31.8 24.7 37.1





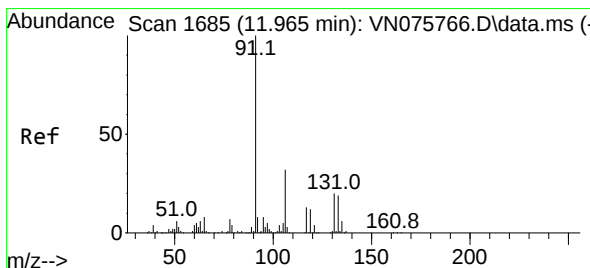
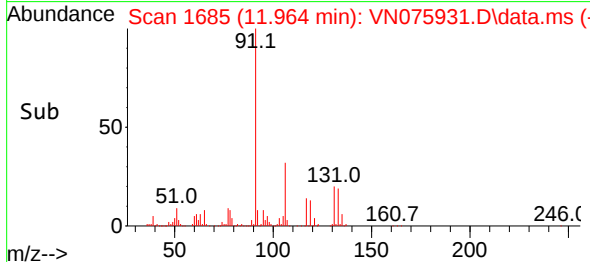
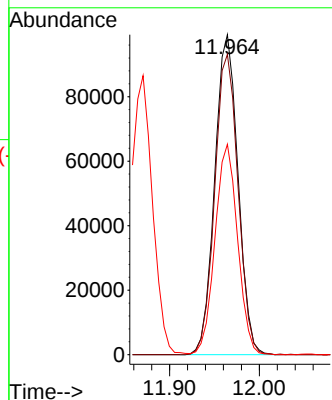
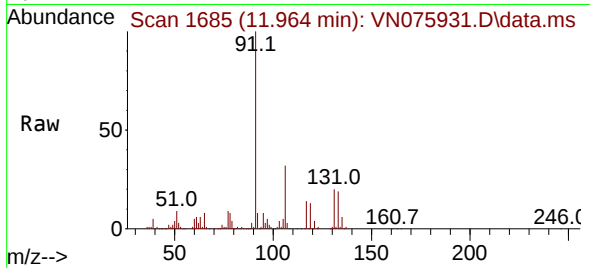
#66
1,1,1,2-Tetrachloroethane
Concen: 50.262 ug/l
RT: 11.964 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

Instrument : MSVOA_N
ClientSampleId : GWOW-BR-04-147-166-122022MS

Tgt Ion:131 Resp: 17857
Ion Ratio Lower Upper
131 100
133 94.1 47.5 142.5
119 63.9 31.9 95.7

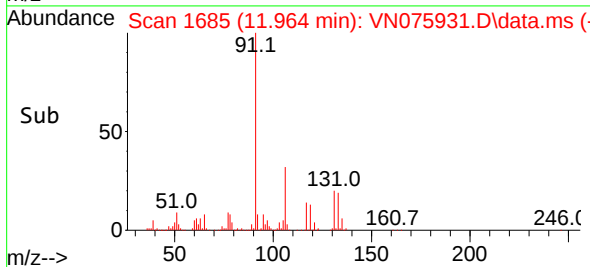
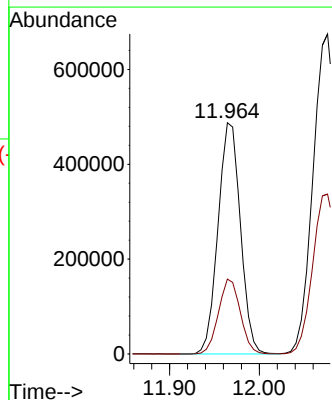
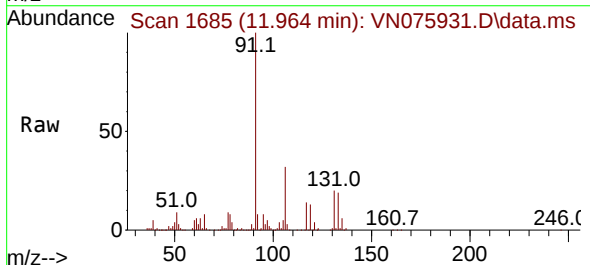
Manual Integrations
APPROVED

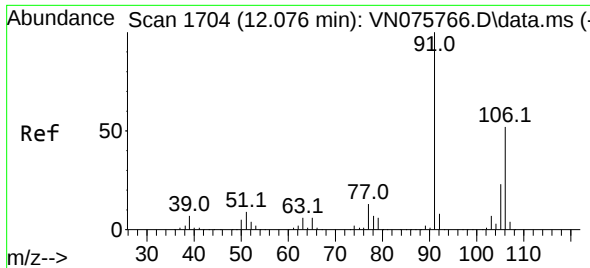
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#67
Ethyl Benzene
Concen: 52.234 ug/l
RT: 11.964 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

Tgt Ion: 91 Resp: 845629
Ion Ratio Lower Upper
91 100
106 32.4 25.7 38.5





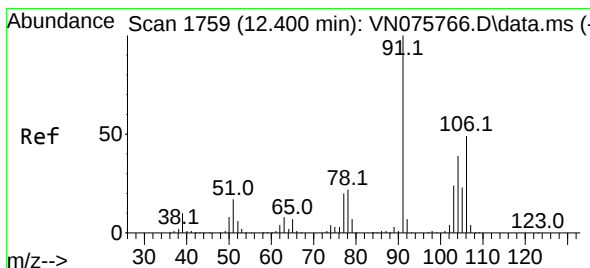
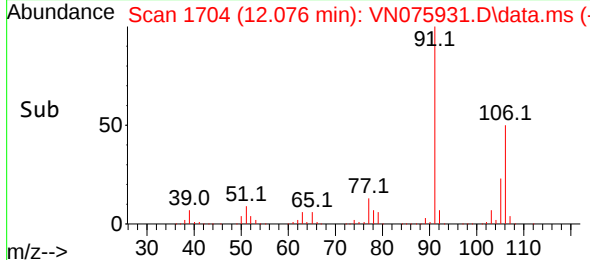
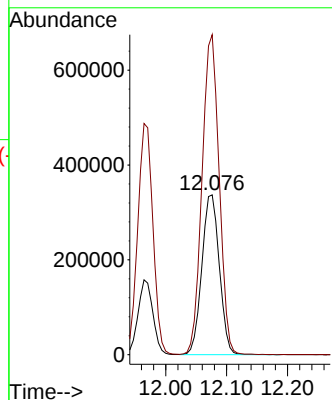
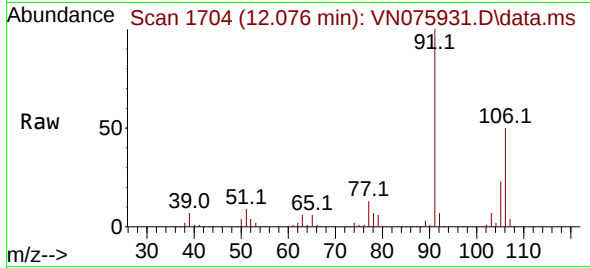
#68
m/p-Xylenes
Concen: 104.826 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-147-166-122022MS

Tgt Ion:106 Resp: 67169
Ion Ratio Lower Upper
106 100
91 196.0 156.6 235.0

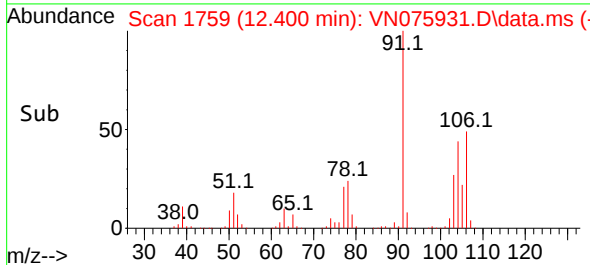
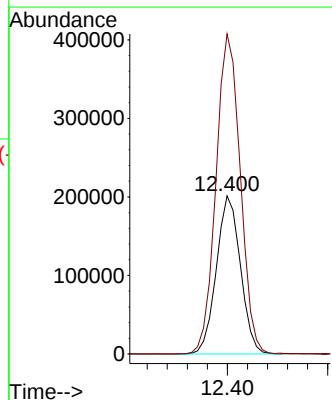
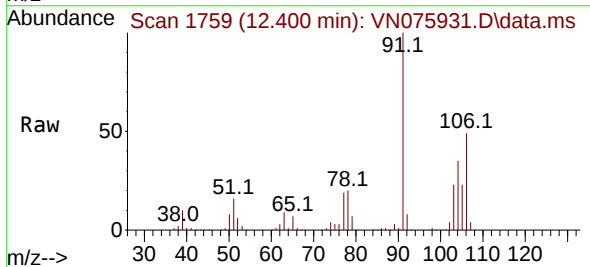
Manual Integrations
APPROVED

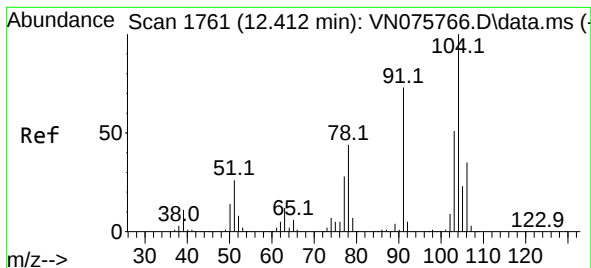
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#69
o-Xylene
Concen: 52.794 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

Tgt Ion:106 Resp: 334772
Ion Ratio Lower Upper
106 100
91 205.1 103.8 311.6





#70

Styrene

Concen: 54.144 ug/l

RT: 12.417 min Scan# 1761

Delta R.T. 0.006 min

Lab File: VN075931.D

Acq: 21 Dec 2022 19:52

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-04-147-166-122022MS

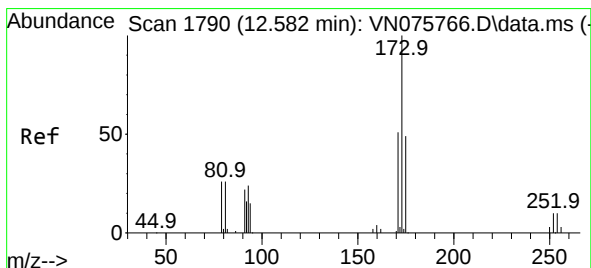
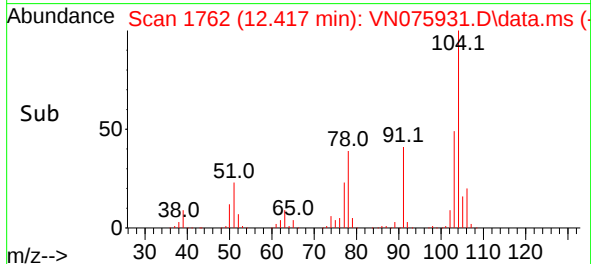
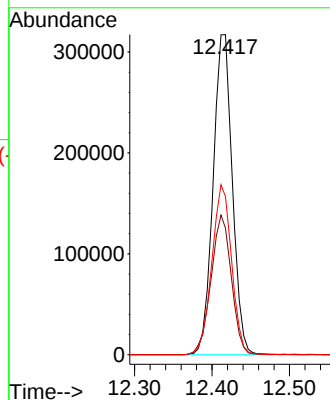
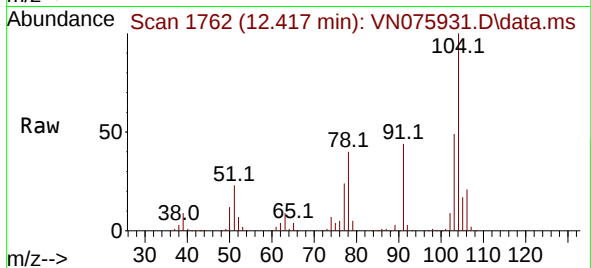
Tgt Ion:104 Resp: 54590
 Ion Ratio Lower Upper
 104 100
 78 46.1 37.5 56.3
 103 54.5 43.5 65.3

Manual Integrations

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Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#71

Bromoform

Concen: 51.385 ug/l

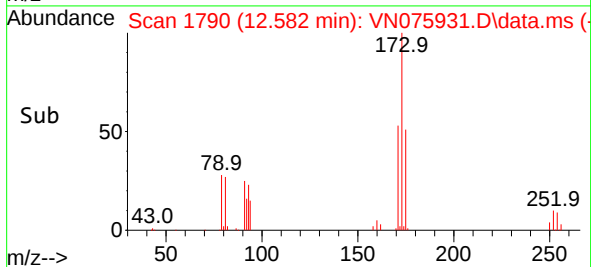
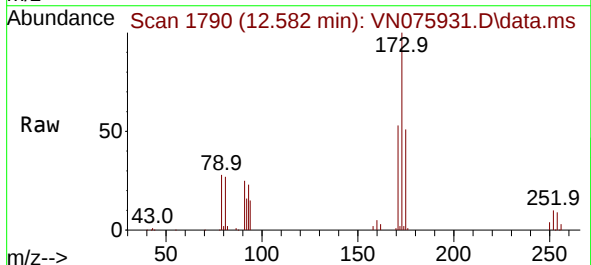
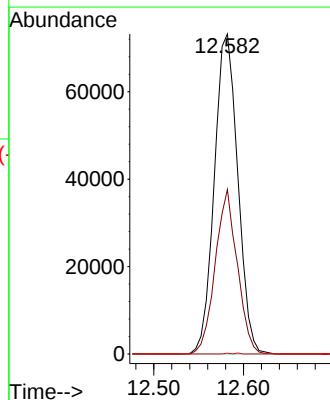
RT: 12.582 min Scan# 1790

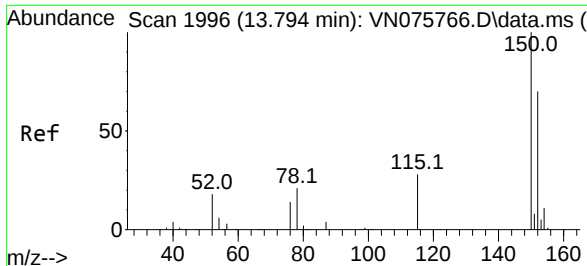
Delta R.T. -0.000 min

Lab File: VN075931.D

Acq: 21 Dec 2022 19:52

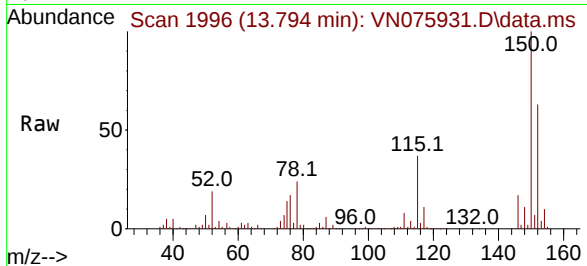
Tgt Ion:173 Resp: 132847
 Ion Ratio Lower Upper
 173 100
 175 48.3 24.3 72.8
 254 0.1 0.0 0.0#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

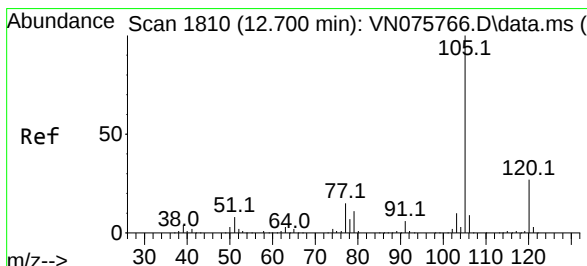
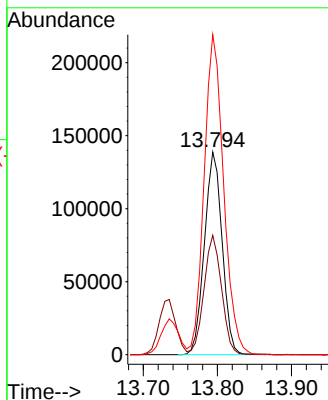
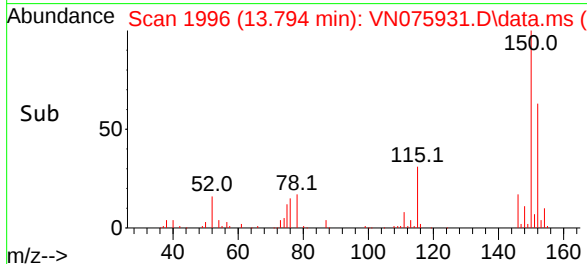
Instrument : MSVOA_N
ClientSampleId : GWOW-BR-04-147-166-122022MS



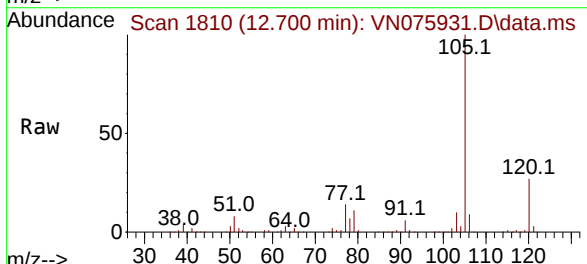
Tgt Ion:152 Resp: 230720
Ion Ratio Lower Upper
152 100
115 58.0 29.1 87.4
150 173.3 0.0 347.0

Manual Integrations
APPROVED

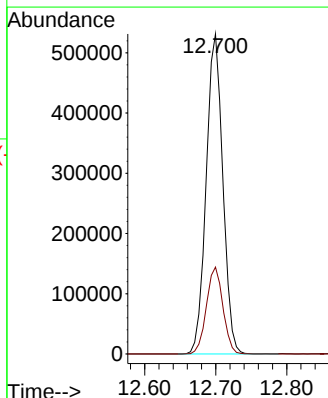
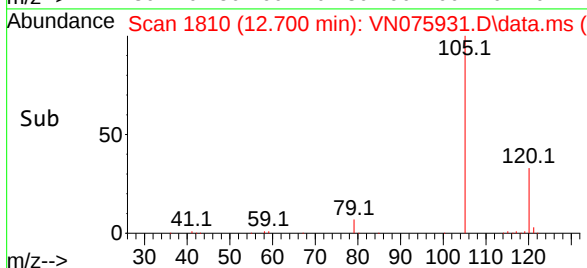
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

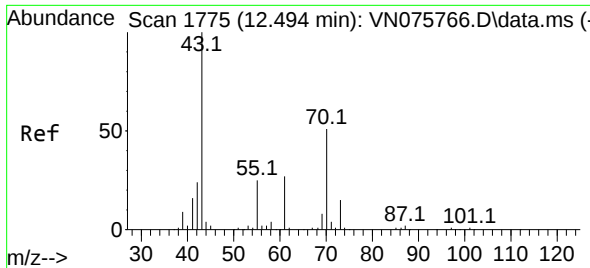


#73
Isopropylbenzene
Concen: 51.840 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52



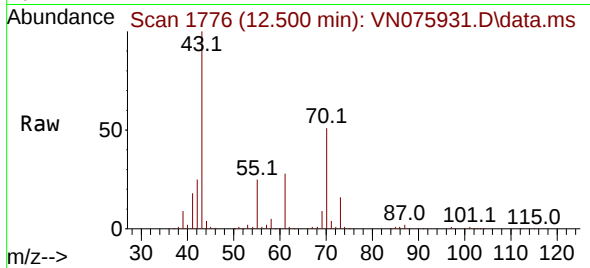
Tgt Ion:105 Resp: 864342
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2





#74
N-amy1 acetate
Concen: 51.374 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

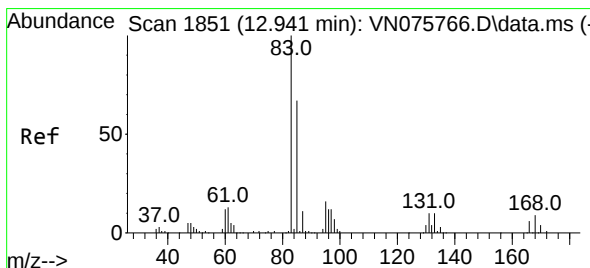
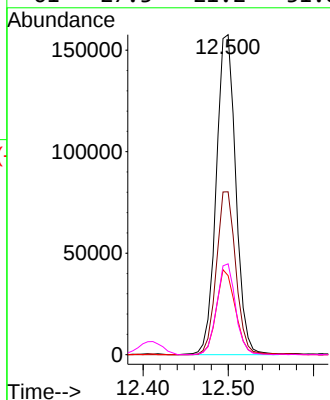
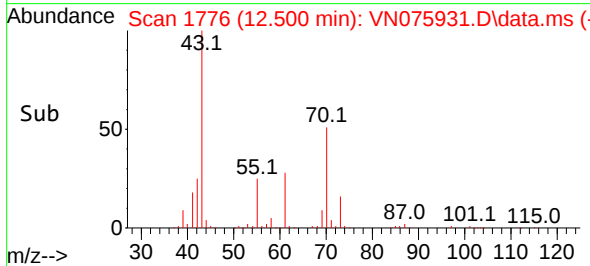
Instrument : MSVOA_N
ClientSampleId : GWOW-BR-04-147-166-122022MS



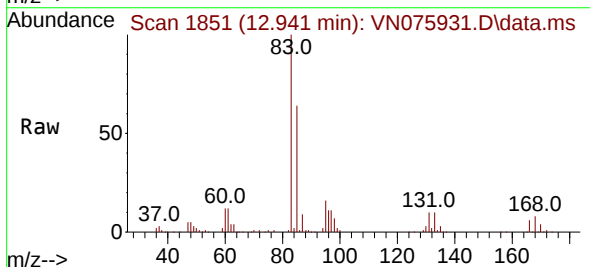
Tgt Ion: 43 Resp: 251290
Ion Ratio Lower Upper
43 100
70 50.7 41.4 62.0
55 26.1 21.3 31.9
61 27.3 21.2 31.8

Manual Integrations
APPROVED

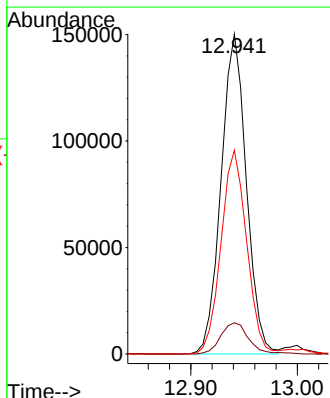
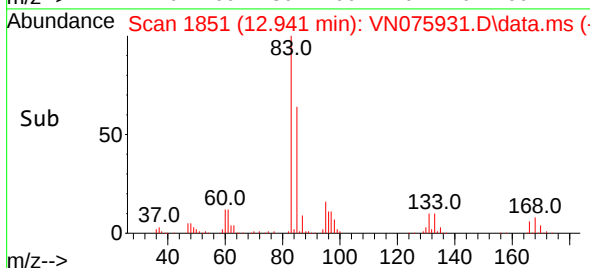
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

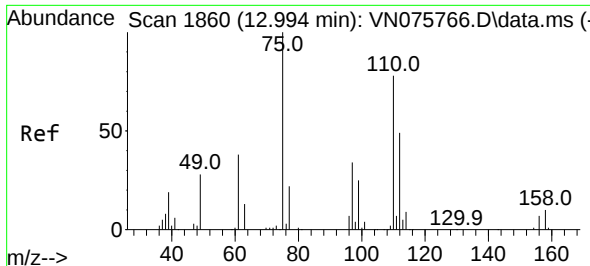


#75
1,1,2,2-Tetrachloroethane
Concen: 48.030 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52



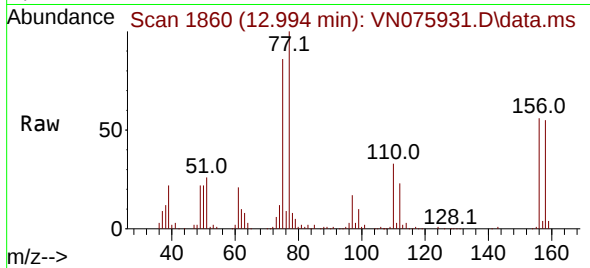
Tgt Ion: 83 Resp: 247565
Ion Ratio Lower Upper
83 100
131 10.8 5.6 16.8
85 64.6 32.6 98.0





#76
1,2,3-Trichloropropane
Concen: 45.659 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

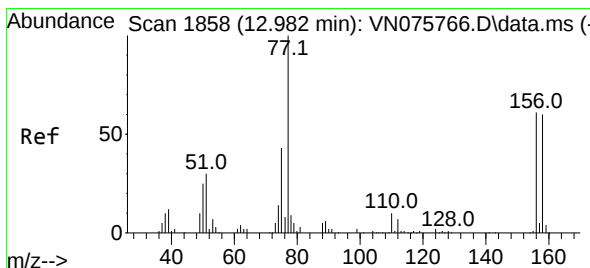
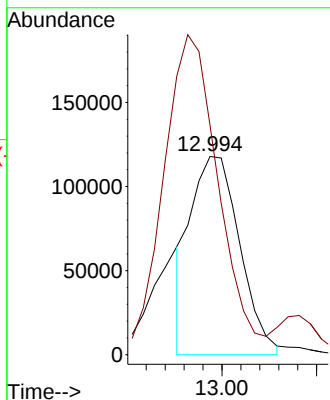
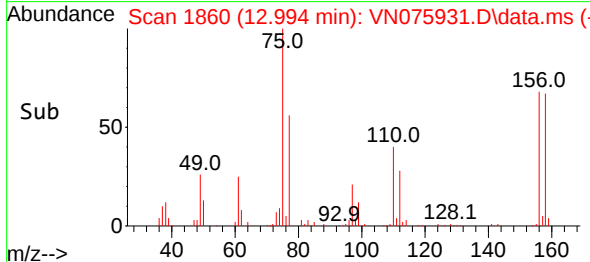
Instrument : MSVOA_N
ClientSampleId : GWOW-BR-04-147-166-122022MS



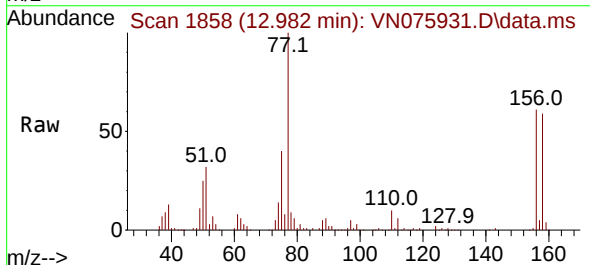
Tgt Ion: 75 Resp: 212352
Ion Ratio Lower Upper
75 100
77 180.5 82.6 247.8

Manual Integrations
APPROVED

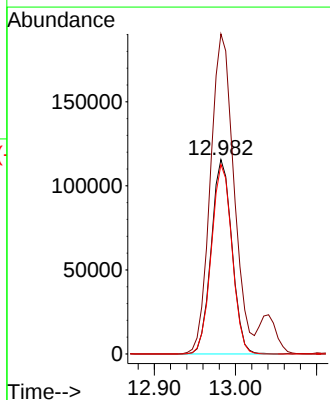
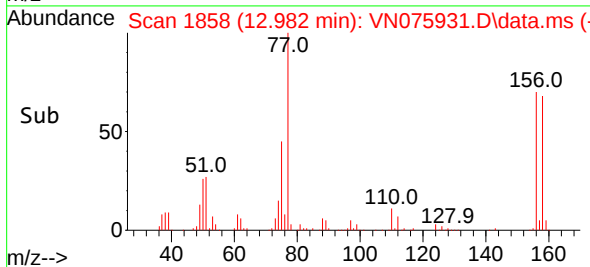
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

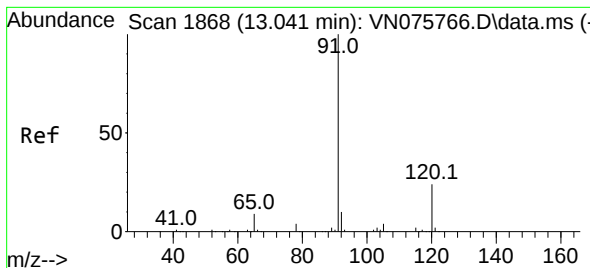


#77
Bromobenzene
Concen: 48.533 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52



Tgt Ion:156 Resp: 204789
Ion Ratio Lower Upper
156 100
77 187.1 93.8 281.3
158 96.8 48.9 146.6





#78

n-propylbenzene

Concen: 53.615 ug/l

RT: 13.041 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN075931.D

Acq: 21 Dec 2022 19:52

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-04-147-166-122022MS

Tgt Ion: 91 Resp: 98596

Ion Ratio Lower Upper

91 100

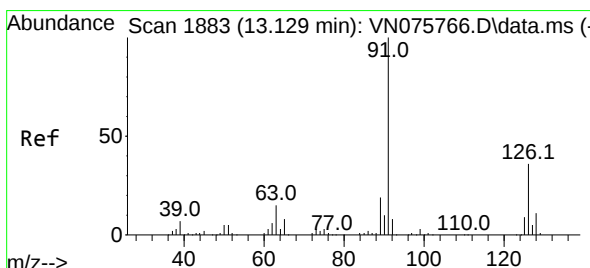
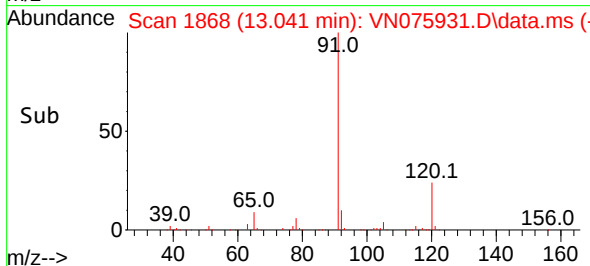
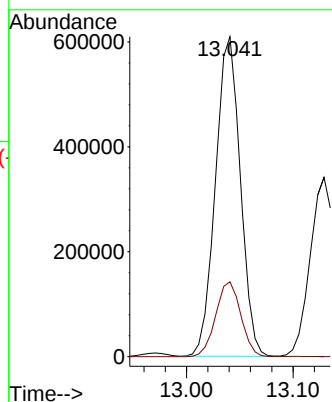
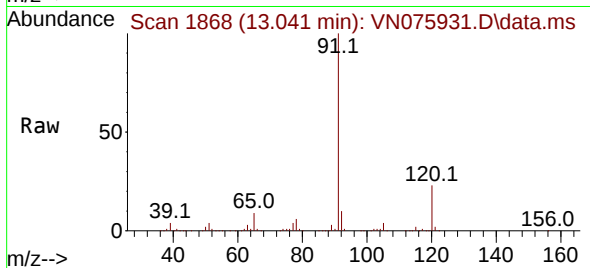
120 23.7 12.0 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#79

2-Chlorotoluene

Concen: 50.369 ug/l

RT: 13.129 min Scan# 1883

Delta R.T. -0.000 min

Lab File: VN075931.D

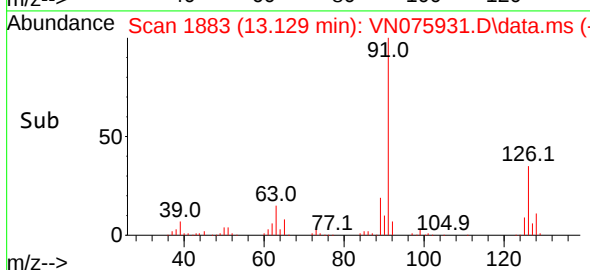
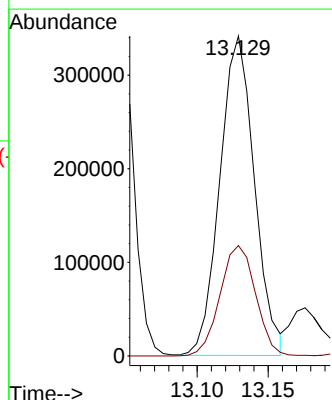
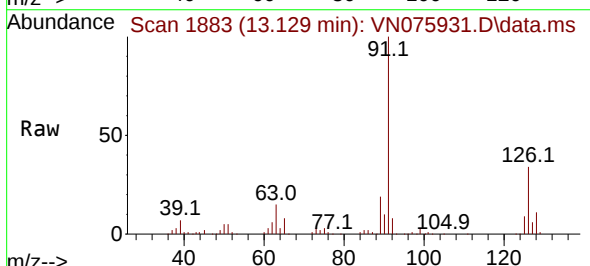
Acq: 21 Dec 2022 19:52

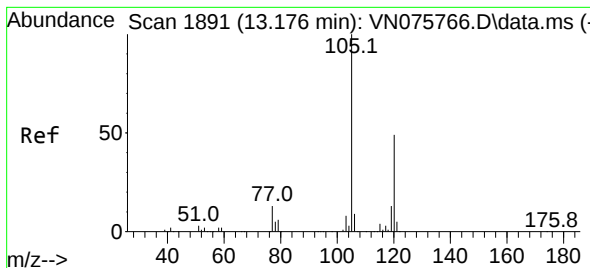
Tgt Ion: 91 Resp: 578208

Ion Ratio Lower Upper

91 100

126 35.6 17.5 52.5





#80

1,3,5-Trimethylbenzene

Concen: 53.196 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. -0.000 min

Lab File: VN075931.D

Acq: 21 Dec 2022 19:52

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-04-147-166-122022MS

Tgt Ion:105 Resp: 74233

Ion Ratio Lower Upper

105 100

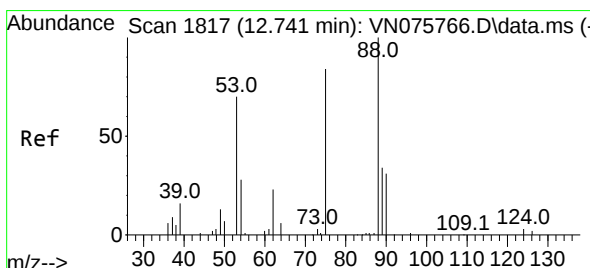
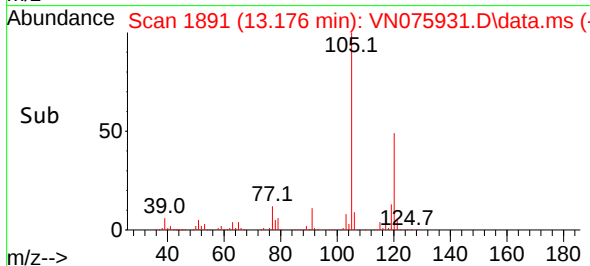
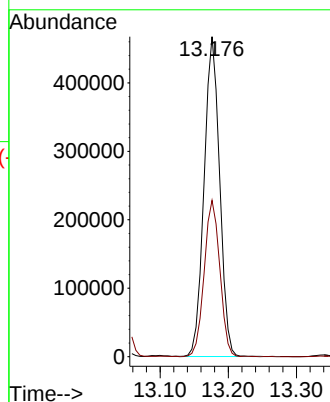
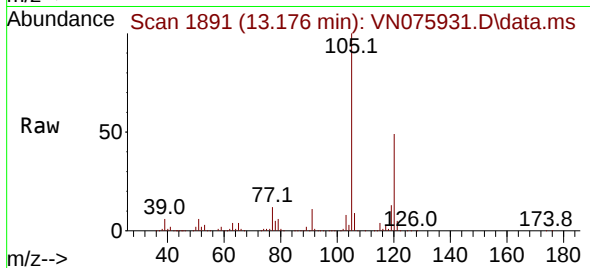
120 49.1 24.7 74.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#81

trans-1,4-Dichloro-2-butene

Concen: 49.408 ug/l

RT: 12.741 min Scan# 1817

Delta R.T. -0.000 min

Lab File: VN075931.D

Acq: 21 Dec 2022 19:52

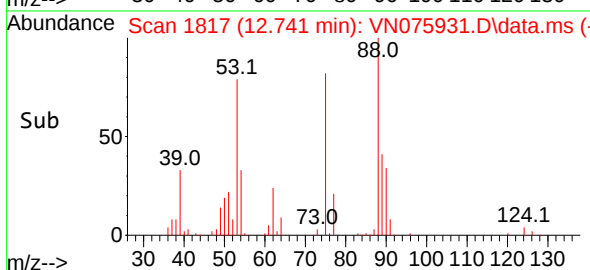
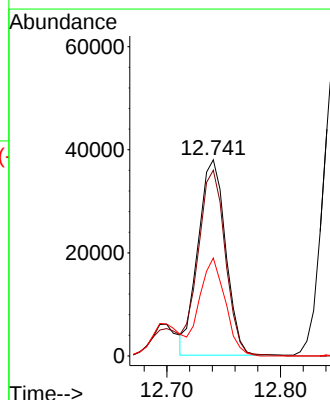
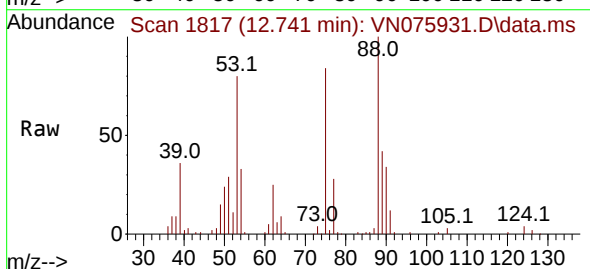
Tgt Ion: 75 Resp: 63840

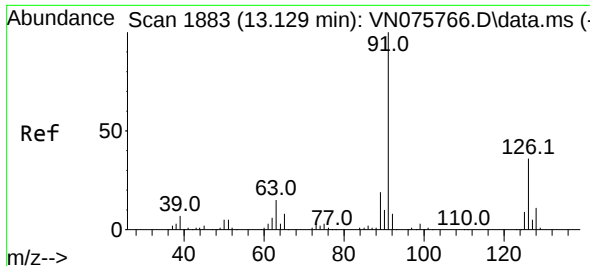
Ion Ratio Lower Upper

75 100

53 94.6 73.8 110.6

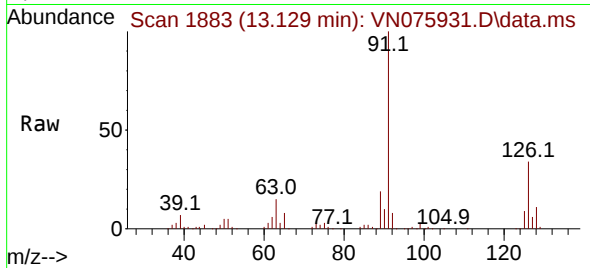
89 46.2 39.5 59.3





#82
4-Chlorotoluene
Concen: 50.369 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

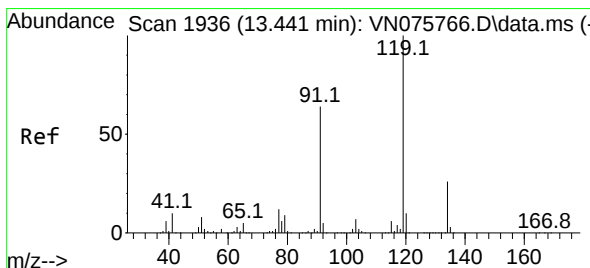
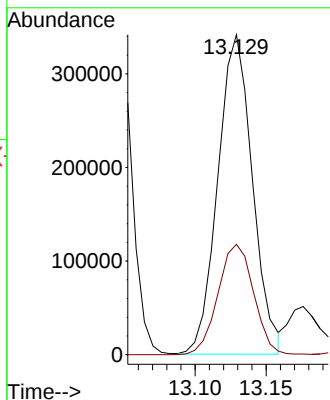
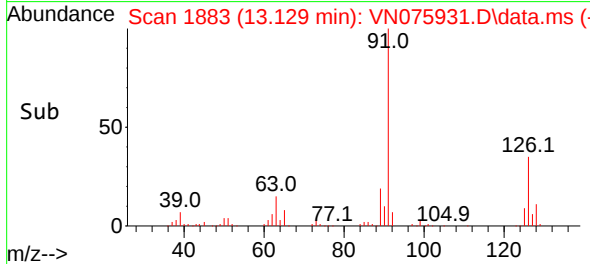
Instrument : MSVOA_N
ClientSampleId : GWOW-BR-04-147-166-122022MS



Tgt Ion: 91 Resp: 578208
Ion Ratio Lower Upper
91 100
126 35.6 17.5 52.5

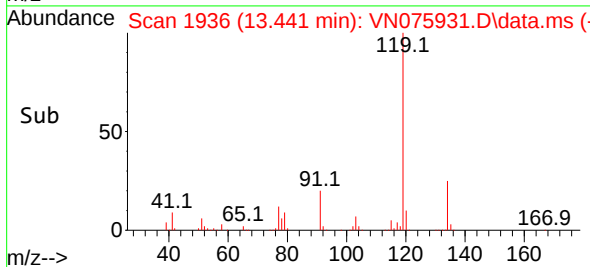
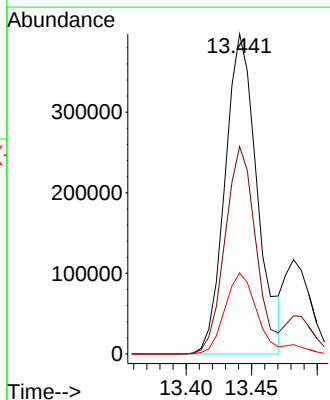
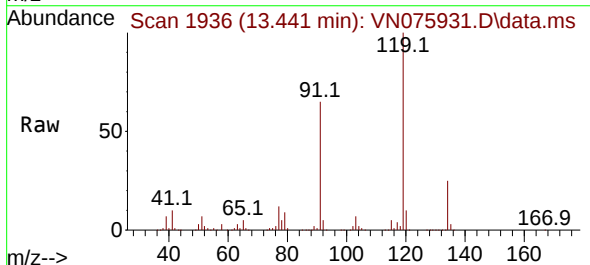
Manual Integrations
APPROVED

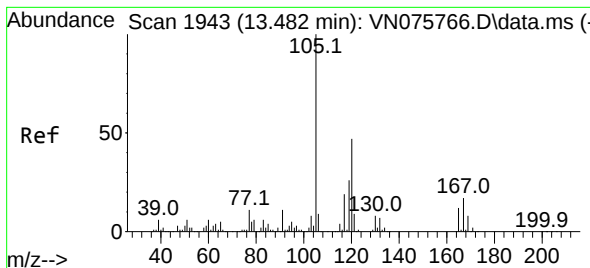
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#83
tert-Butylbenzene
Concen: 55.035 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

Tgt Ion:119 Resp: 677123
Ion Ratio Lower Upper
119 100
91 62.3 31.9 95.5
134 26.7 13.8 41.4





#84

1,2,4-Trimethylbenzene

Concen: 53.886 ug/l

RT: 13.488 min Scan# 1943

Delta R.T. 0.006 min

Lab File: VN075931.D

Acq: 21 Dec 2022 19:52

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-04-147-166-122022MS

Tgt Ion:105 Resp: 745970

Ion Ratio Lower Upper

105 100

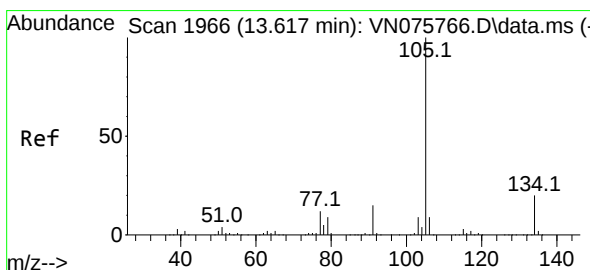
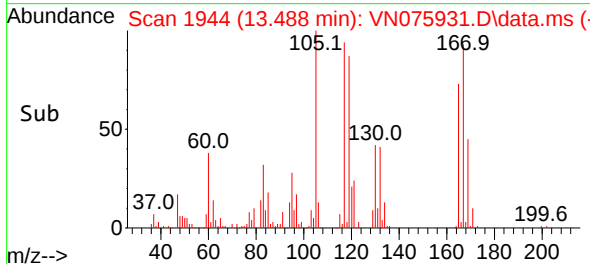
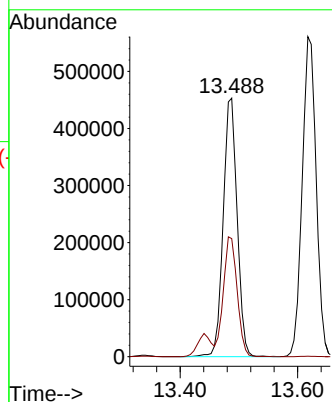
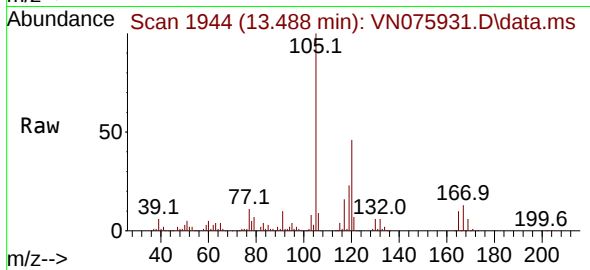
120 45.7 23.3 69.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#85

sec-Butylbenzene

Concen: 54.473 ug/l

RT: 13.617 min Scan# 1966

Delta R.T. -0.000 min

Lab File: VN075931.D

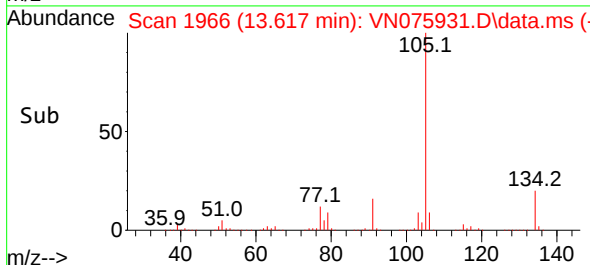
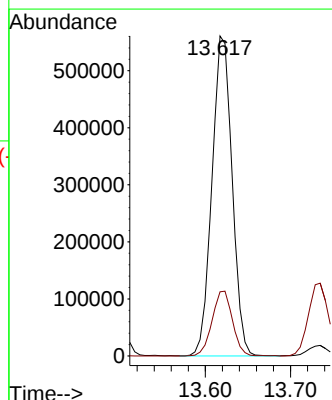
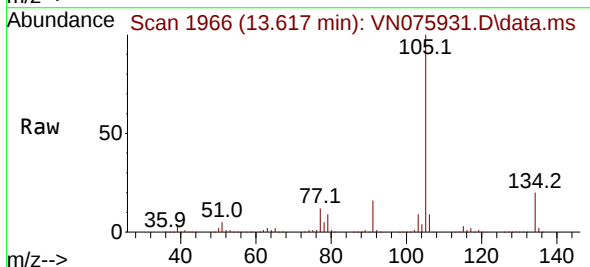
Acq: 21 Dec 2022 19:52

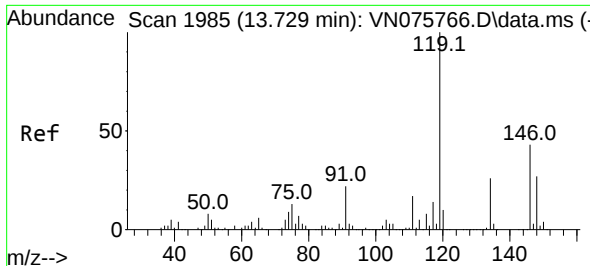
Tgt Ion:105 Resp: 925052

Ion Ratio Lower Upper

105 100

134 20.5 10.1 30.1





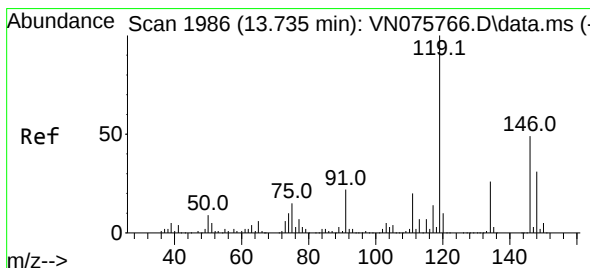
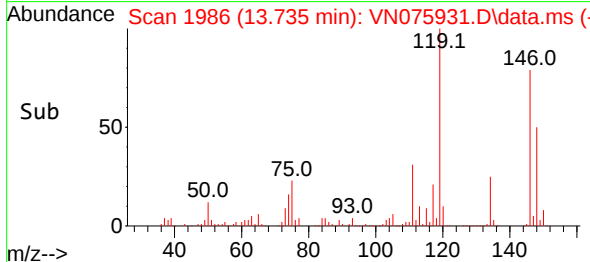
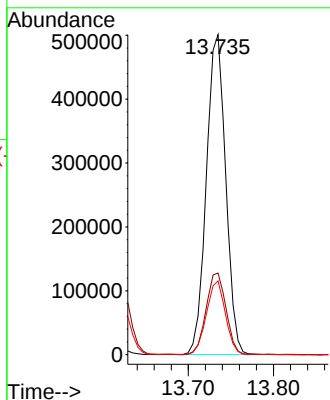
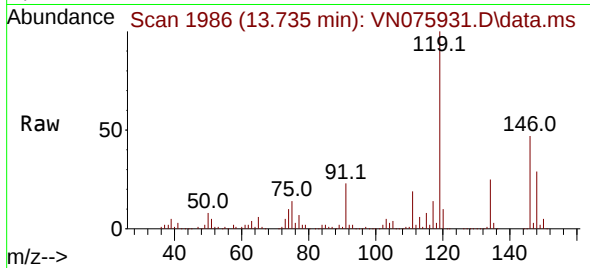
#86
p-Isopropyltoluene
Concen: 55.845 ug/l
RT: 13.735 min Scan# 1985
Delta R.T. 0.006 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-147-166-122022MS

Tgt Ion:119 Resp: 789109
Ion Ratio Lower Upper
119 100
134 26.3 13.0 39.0
91 22.5 11.2 33.6

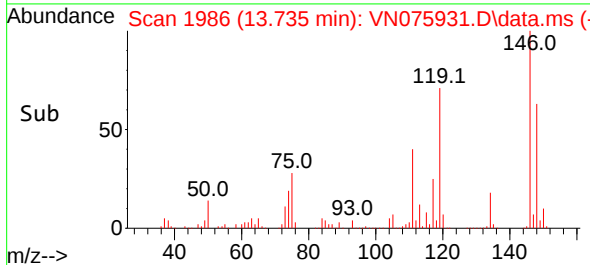
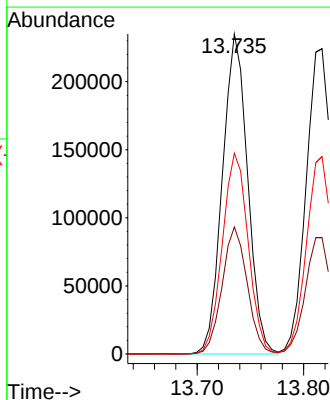
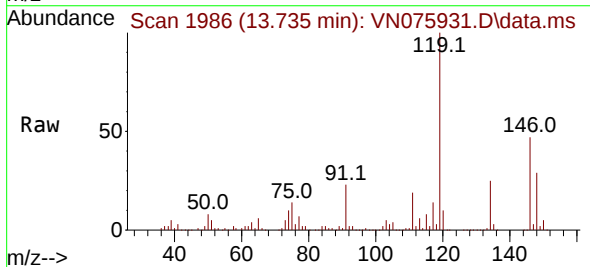
Manual Integrations
APPROVED

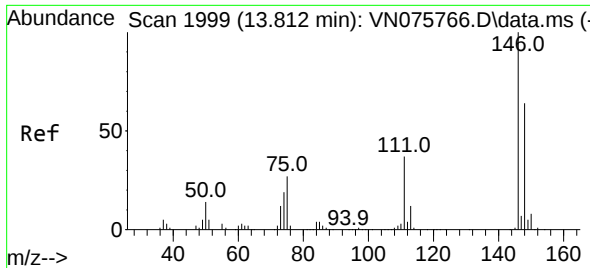
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#87
1,3-Dichlorobenzene
Concen: 49.692 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

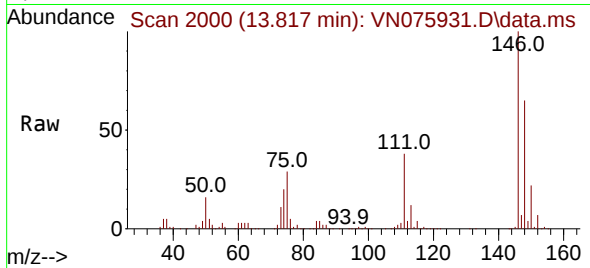
Tgt Ion:146 Resp: 387322
Ion Ratio Lower Upper
146 100
111 39.5 19.7 59.0
148 64.3 31.4 94.2





#88
1,4-Dichlorobenzene
Concen: 48.242 ug/l
RT: 13.817 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

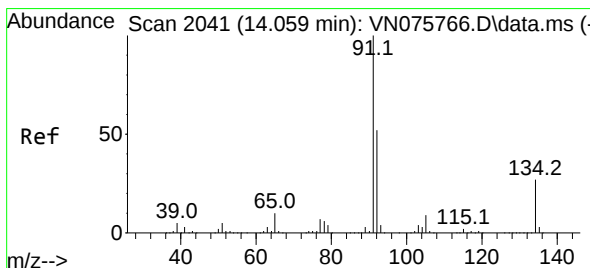
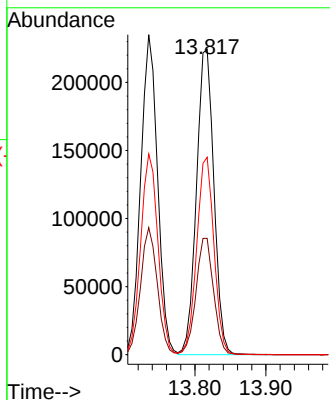
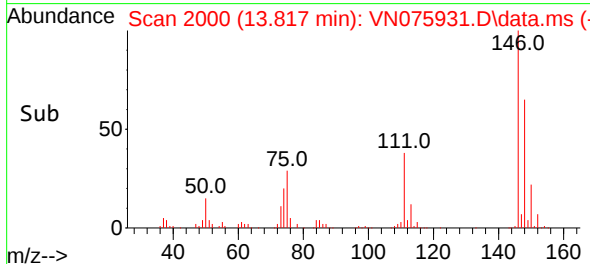
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-147-166-122022MS



Tgt Ion:146 Resp: 384132
Ion Ratio Lower Upper
146 100
111 38.3 19.1 57.1
148 64.0 32.0 96.2

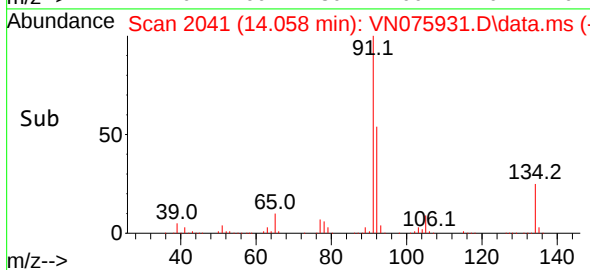
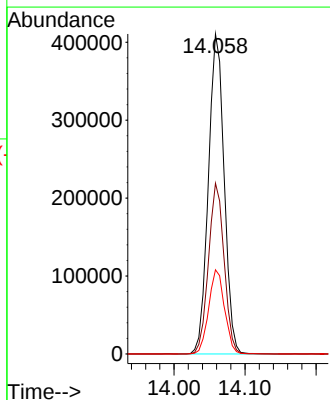
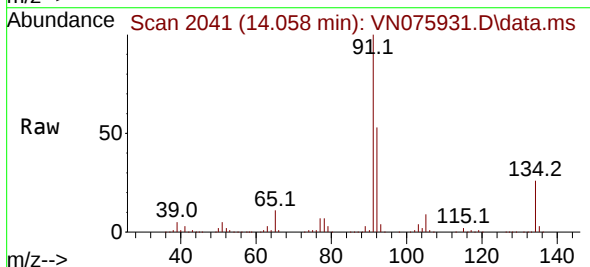
Manual Integrations
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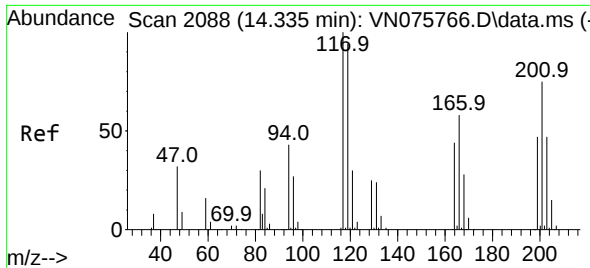
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#89
n-Butylbenzene
Concen: 55.417 ug/l
RT: 14.058 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

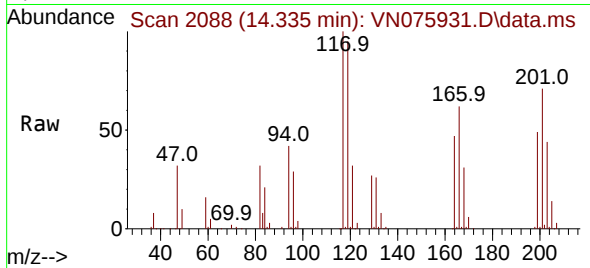
Tgt Ion: 91 Resp: 634379
Ion Ratio Lower Upper
91 100
92 52.9 26.4 79.2
134 26.4 13.4 40.2





#90
Hexachloroethane
Concen: 53.009 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52

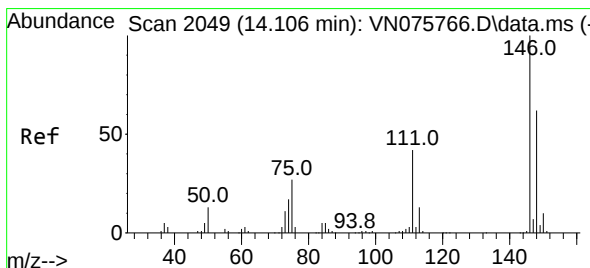
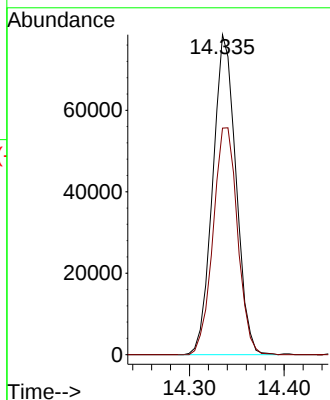
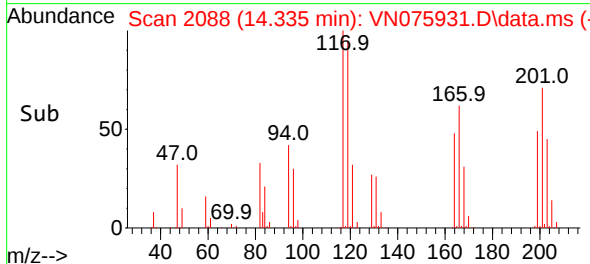
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-147-166-122022MS



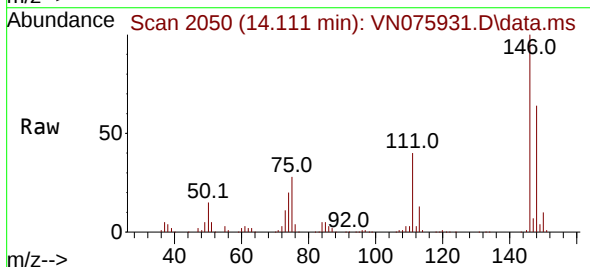
Tgt Ion:117 Resp: 13398
Ion Ratio Lower Upper
117 100
201 74.6 38.0 114.1

Manual Integrations
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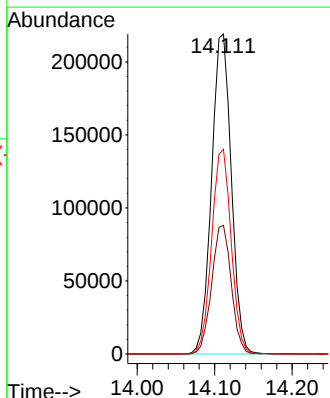
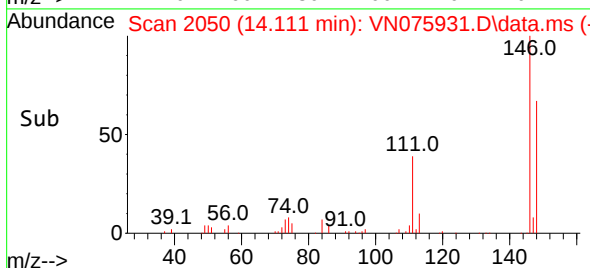
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

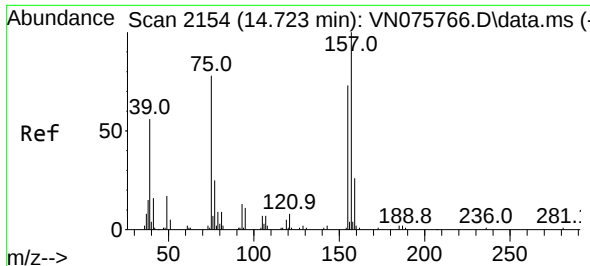


#91
1,2-Dichlorobenzene
Concen: 50.531 ug/l
RT: 14.111 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VN075931.D
Acq: 21 Dec 2022 19:52



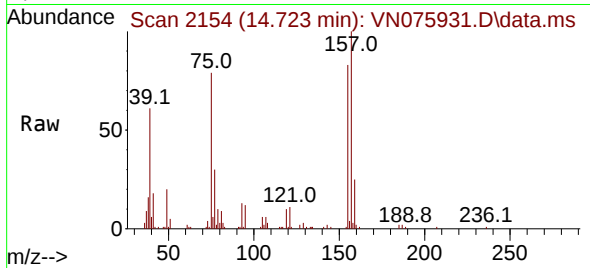
Tgt Ion:146 Resp: 387954
Ion Ratio Lower Upper
146 100
111 39.9 20.3 61.0
148 63.3 31.7 95.1





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.763 ug/l
 RT: 14.723 min Scan# 2154
 Delta R.T. -0.000 min
 Lab File: VN075931.D
 Acq: 21 Dec 2022 19:52

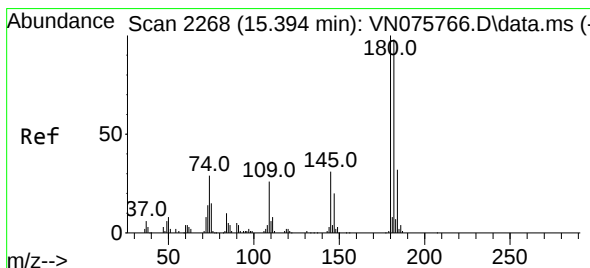
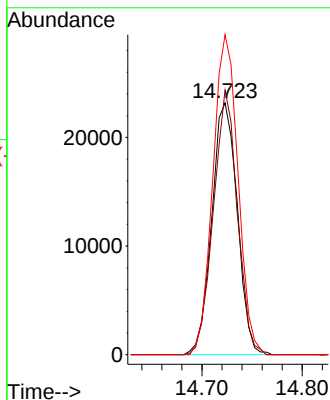
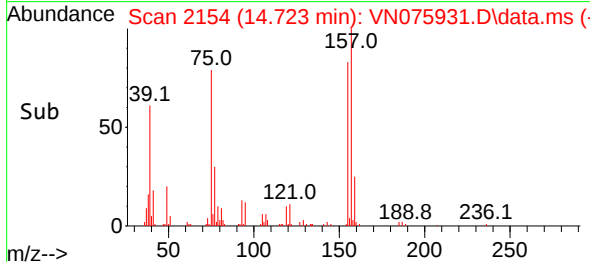
Instrument : MSVOA_N
 ClientSampleId : GWOW-BR-04-147-166-122022MS



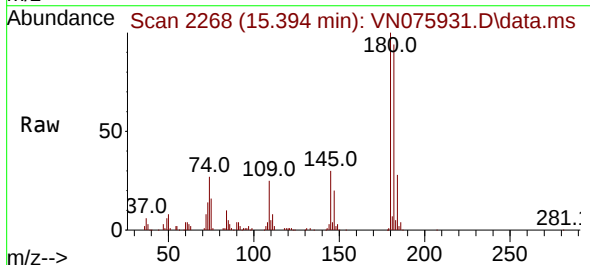
Tgt Ion: 75 Resp: 40940
 Ion Ratio Lower Upper
 75 100
 155 98.6 49.3 147.8
 157 124.8 63.7 191.3

Manual Integrations
 APPROVED

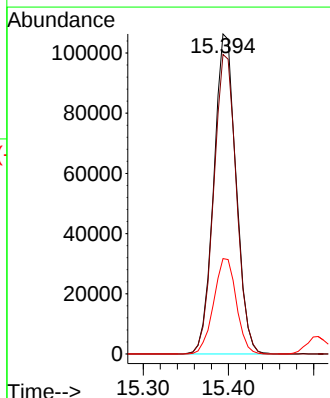
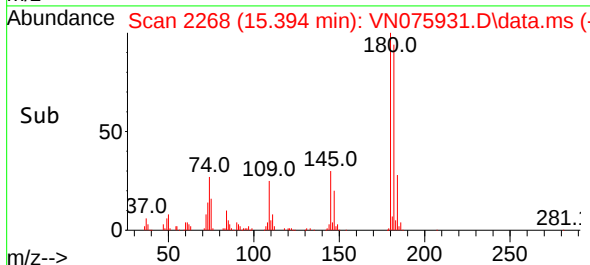
Reviewed By :John Carlone 12/22/2022
 Supervised By :Mahesh Dadoda 12/22/2022

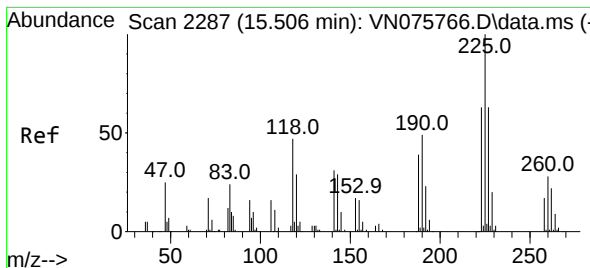


#93
 1,2,4-Trichlorobenzene
 Concen: 50.729 ug/l
 RT: 15.394 min Scan# 2268
 Delta R.T. -0.000 min
 Lab File: VN075931.D
 Acq: 21 Dec 2022 19:52



Tgt Ion:180 Resp: 192817
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.5 142.5
 145 30.3 15.3 45.8





#94

Hexachlorobutadiene

Concen: 50.085 ug/l

RT: 15.505 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075931.D

Acq: 21 Dec 2022 19:52

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-04-147-166-122022MS

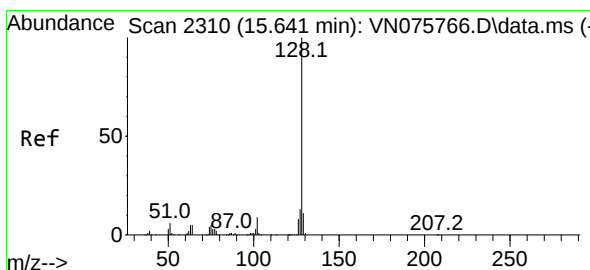
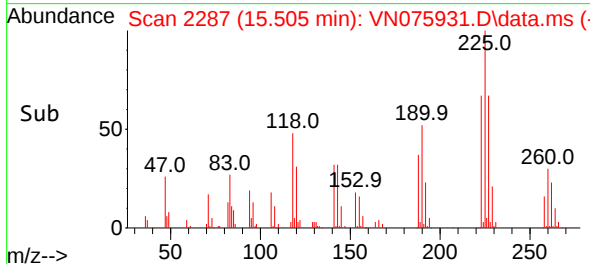
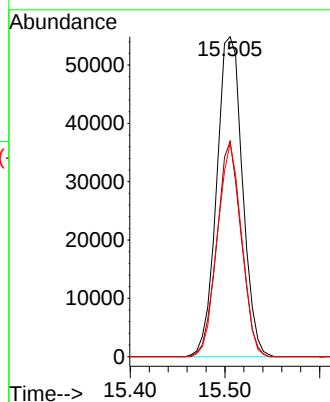
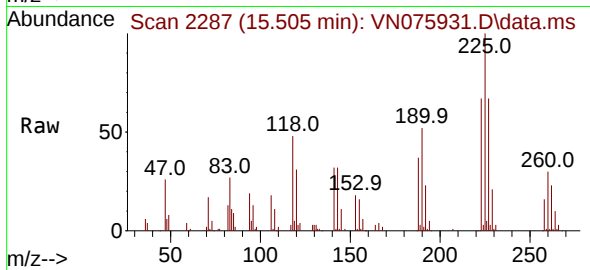
Tgt Ion:225 Resp: 103864
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.5 94.5
 227 62.8 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#95

Naphthalene

Concen: 45.443 ug/l

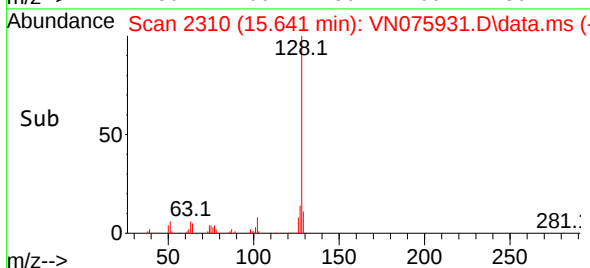
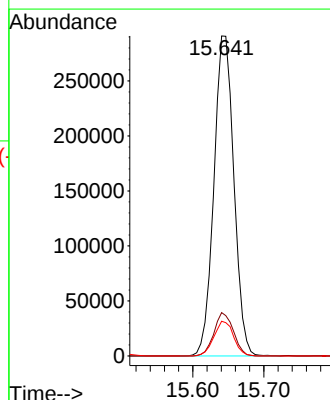
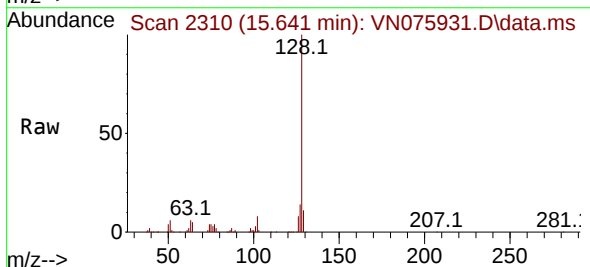
RT: 15.641 min Scan# 2310

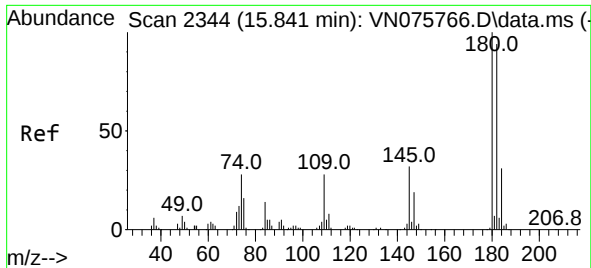
Delta R.T. -0.000 min

Lab File: VN075931.D

Acq: 21 Dec 2022 19:52

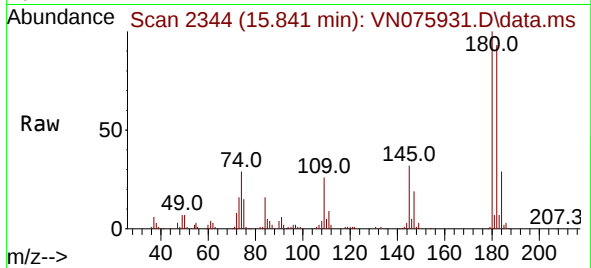
Tgt Ion:128 Resp: 568023
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.4 15.6
 129 10.7 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 52.400 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN075931.D
 Acq: 21 Dec 2022 19:52

Instrument : MSVOA_N
 ClientSampleId : GWOW-BR-04-147-166-122022MS



Tgt Ion:180 Resp: 186154
 Ion Ratio Lower Upper
 180 100
 182 93.8 47.0 141.0
 145 32.9 16.0 47.9

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/22/2022
 Supervised By :Mahesh Dadoda 12/22/2022

