

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083023\
 Data File : VN079110.D
 Acq On : 30 Aug 2023 12:00
 Operator : JC\MD
 Sample : VN0830WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0830WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/31/2023
 Supervised By : Mahesh Dadoda 09/01/2023

Quant Time: Aug 31 02:14:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:21:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	37786	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	202023	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	185004	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	93506	30.545	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.833%			
60) 4-Bromofluorobenzene	12.853	95	80652	29.886	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.633%			
63) Toluene-d8	10.571	98	272633	31.557	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 105.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	47855	20.070	ug/l	98
3) Chloromethane	2.365	50	56563	19.794	ug/l	98
4) Vinyl Chloride	2.512	62	57409	20.299	ug/l	96
5) Bromomethane	2.948	94	38016	21.776	ug/l	90
6) Chloroethane	3.118	64	42179	22.950	ug/l	95
7) Trichlorofluoromethane	3.495	101	76137	19.988	ug/l	100
8) Diethyl Ether	3.959	74	26196	18.285	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	41765	20.993	ug/l	89
10) 1,1-Dichloroethene	4.336	96	37540	18.756	ug/l	94
11) Methyl Iodide	4.583	142	46842	19.395	ug/l	97
12) Methyl Acetate	5.030	43	94762	20.199	ug/l	97
13) Acrolein	4.183	56	26163	80.013	ug/l	94
14) Acrylonitrile	5.730	53	124496	100.952	ug/l	97
15) Acetone	4.436	58	37394	98.848	ug/l	96
16) Carbon Disulfide	4.712	76	103420	17.984	ug/l	97
17) Allyl chloride	5.024	41	74512	20.312	ug/l	96
18) Methylene Chloride	5.277	84	47489	19.848	ug/l #	84
19) trans-1,2-Dichloroethene	5.789	96	43003	19.090	ug/l	83
20) Diisopropyl ether	6.677	45	158139	19.817	ug/l #	86
21) 1,1-Dichloroethane	6.571	63	88450	19.975	ug/l	91
22) cis-1,2-Dichloroethene	7.494	96	51712	20.058	ug/l	97
23) tert-Butyl Alcohol	5.536	59	45223	98.309	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	135686	19.098	ug/l	99
25) Chloroform	7.971	83	89795	20.130	ug/l	93
26) Cyclohexane	8.259	56	64484	19.908	ug/l #	97
29) 1,1-Dichloropropene	8.383	75	64049	20.841	ug/l	98
30) 2-Butanone	7.489	43	184368	102.478	ug/l	100
31) 2,2-Dichloropropane	7.489	77	71339	21.004	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	74951	20.428	ug/l	96
33) Carbon Tetrachloride	8.365	117	65812	20.708	ug/l #	80
34) Benzene	8.612	78	195685	21.248	ug/l	98
35) Methacrylonitrile	7.788	41	39780	20.746	ug/l	94
36) 1,2-Dichloroethane	8.677	62	73511	21.315	ug/l	97
37) Trichloroethene	9.359	130	46418	20.248	ug/l	91
38) Methylcyclohexane	9.606	83	55393	20.473	ug/l	98
39) 1,2-Dichloropropane	9.624	63	51840	20.897	ug/l	90
40) Dibromomethane	9.712	93	35803	21.531	ug/l	93
41) Bromodichloromethane	9.894	83	71735	21.452	ug/l #	93
42) Vinyl Acetate	6.606	43	498629	98.302	ug/l	99

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:21:14 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	61530	17.629	ug/l #	86
44) Isopropyl Acetate	8.694	43	122603	19.936	ug/l	99
45) 1,4-Dioxane	9.694	88	19003	410.614	ug/l	92
46) Methyl methacrylate	9.688	41	55401	20.446	ug/l	93
47) n-amyl Acetate	12.500	43	90463	19.168	ug/l	94
48) t-1,3-Dichloropropene	10.841	75	73778	20.715	ug/l	89
49) cis-1,3-Dichloropropene	10.318	75	78538	20.565	ug/l	99
50) 1,1,2-Trichloroethane	11.018	97	49615	22.079	ug/l	95
51) Ethyl methacrylate	10.877	69	69042	19.851	ug/l	94
52) 1,3-Dichloropropane	11.171	76	84802	21.070	ug/l	98
53) Dibromochloromethane	11.365	129	51426	20.910	ug/l	98
54) 1,2-Dibromoethane	11.471	107	48030	20.819	ug/l	93
55) 2-Chloroethyl vinyl ether	10.165	63	167102	103.946	ug/l	97
56) Bromoform	12.582	173	35454	20.432	ug/l #	98
58) 4-Methyl-2-Pentanone	10.453	43	375626	102.335	ug/l	99
59) 2-Hexanone	11.200	43	272017	101.146	ug/l	99
61) Tetrachloroethene	11.106	164	37555	20.965	ug/l	93
62) Toluene	10.635	91	211741	20.964	ug/l	99
64) Chlorobenzene	11.894	112	123533	20.342	ug/l #	85
65) 1,1,1,2-Tetrachloroethane	11.965	131	47743	20.561	ug/l	98
66) Ethyl Benzene	11.971	91	211607	20.029	ug/l	99
67) m/p-Xylenes	12.076	106	166069	42.158	ug/l	100
68) o-Xylene	12.406	106	80389	20.697	ug/l	99
69) Styrene	12.418	104	129544	20.526	ug/l	97
70) Isopropylbenzene	12.700	105	200723	21.328	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.941	83	74916	21.235	ug/l	100
72) 1,2,3-Trichloropropane	13.000	75	50830m	17.562	ug/l	
73) Bromobenzene	12.982	156	49565	20.687	ug/l	98
74) n-propylbenzene	13.041	91	230638	21.624	ug/l	100
75) 2-Chlorotoluene	13.129	91	146466	21.646	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	164855	22.098	ug/l	98
77) t-1,4-Dichloro-2-butene	12.741	75	21499	19.989	ug/l	85
78) 4-Chlorotoluene	13.223	91	138163	21.314	ug/l	100
79) tert-butylbenzene	13.441	119	128776	20.427	ug/l	99
80) 1,2,4-Trimethylbenzene	13.488	105	164634	22.443	ug/l	100
81) sec-Butylbenzene	13.623	105	183676	22.077	ug/l	98
82) p-Isopropyltoluene	13.735	119	150276	22.123	ug/l	99
83) 1,3-Dichlorobenzene	13.741	146	84486	21.850	ug/l	96
84) 1,4-Dichlorobenzene	13.818	146	77055	20.298	ug/l	98
85) n-Butylbenzene	14.065	91	114262	21.387	ug/l	98
86) Hexachloroethane	14.341	117	31935	22.977	ug/l	87
87) 1,2-Dichlorobenzene	14.112	146	84171	21.254	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	12419	19.613	ug/l	93
89) 1,2,4-Trichlorobenzene	15.853	180	29235	18.692	ug/l	98
90) Hexachlorobutadiene	15.506	225	16568	20.347	ug/l	92
91) Naphthalene	15.641	128	71668	15.887	ug/l	99
92) 1,2,3-Trichlorobenzene	15.853	180	29235	18.692	ug/l	98

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

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :

MSVOA_N

Client SampleId :

VN0830WBS01

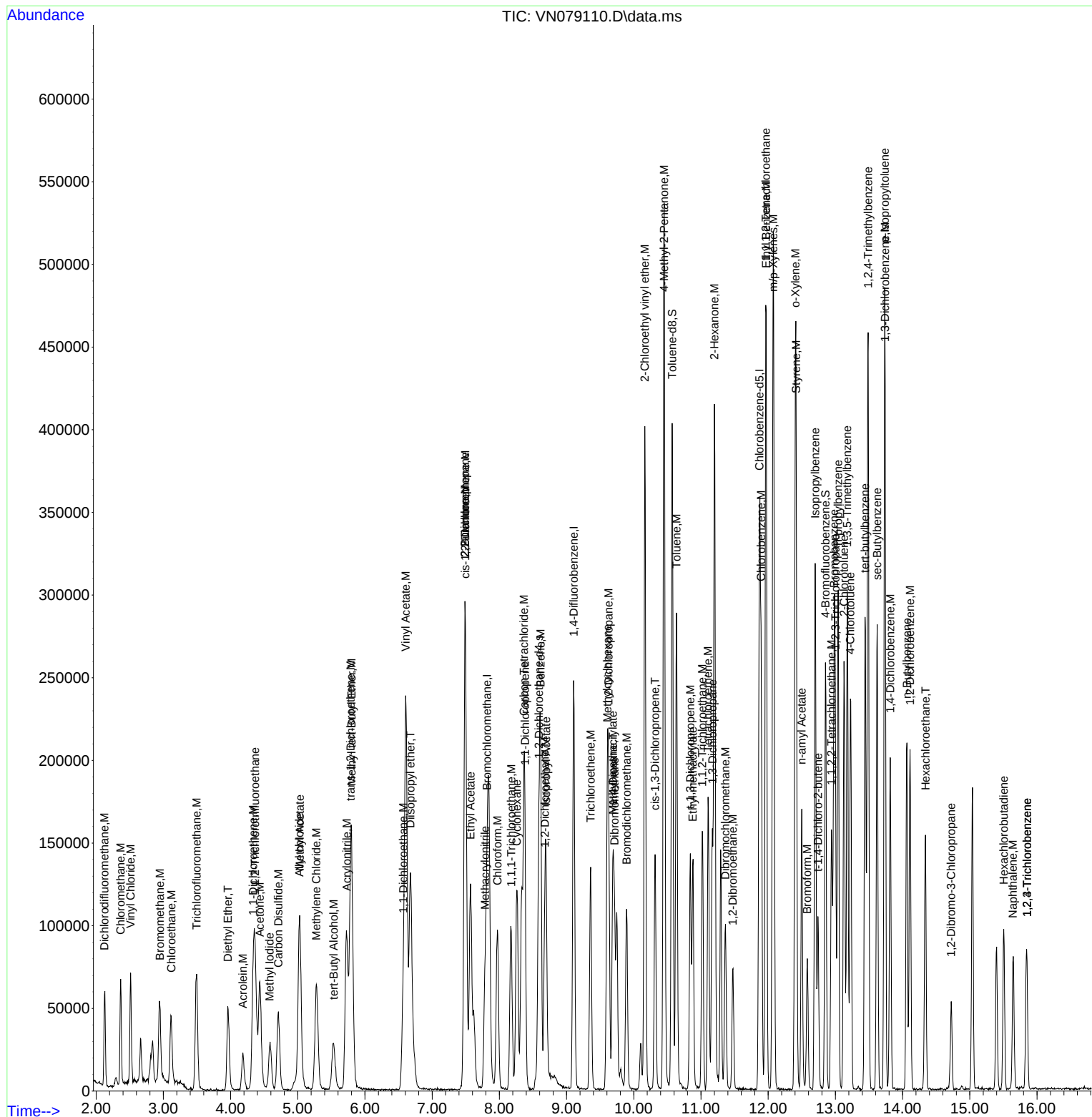
Manual Integrations

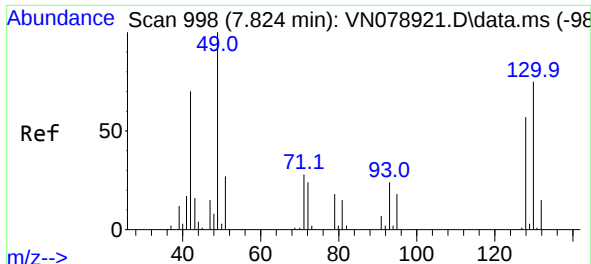
APPROVED

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Supervised By :Mahesh Dadoda 09/01/2023

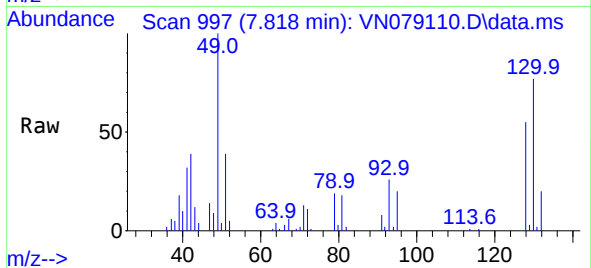
Quant Time: Aug 31 02:14:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 18 05:21:14 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

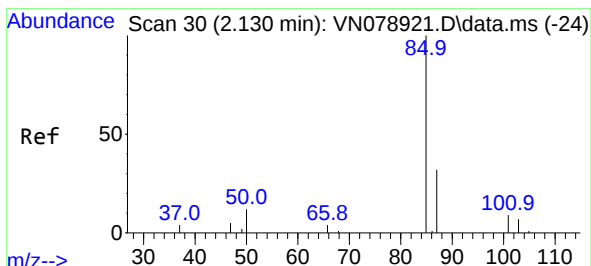
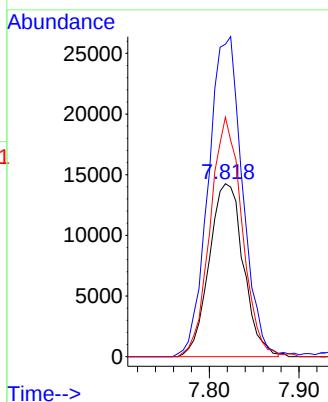
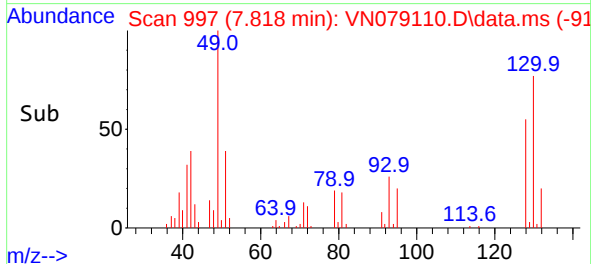
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01



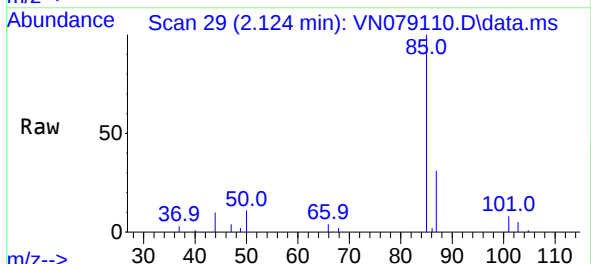
Tgt Ion:128 Resp: 37780
Ion Ratio Lower Upper
128 100
49 184.8 0.0 481.8
130 128.9 0.0 320.5

Manual Integrations
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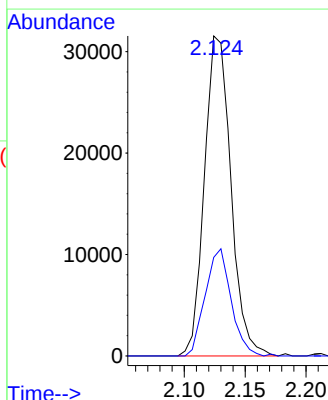
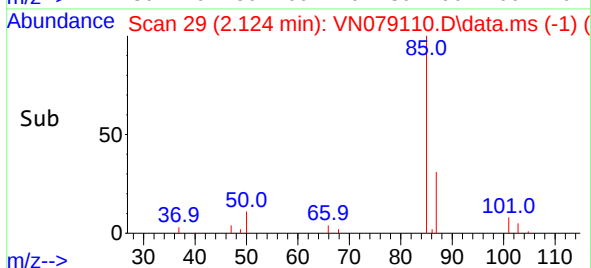
Reviewed By :John Carlone 08/31/2023
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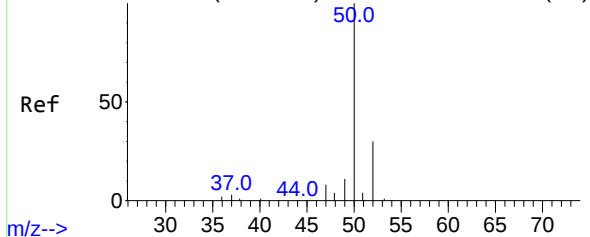
#2
Dichlorodifluoromethane
Concen: 20.070 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00



Tgt Ion: 85 Resp: 47855
Ion Ratio Lower Upper
85 100
87 30.8 15.9 47.7



Abundance Scan 70 (2.365 min): VN078921.D\data.ms (-64)



#3

Chloromethane

Concen: 19.794 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN079110.D

Acq: 30 Aug 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN0830WBS01

Tgt Ion: 50 Resp: 5656

Ion Ratio Lower Upper

50 100

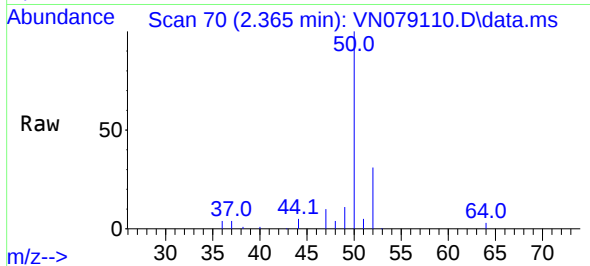
52 31.3 24.2 36.4

Manual Integrations

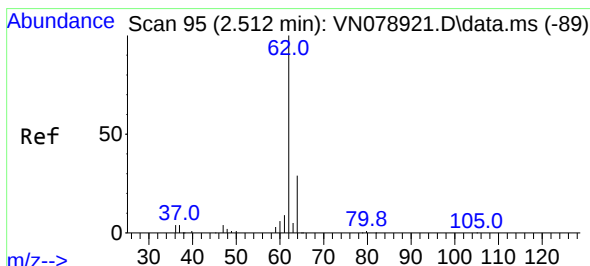
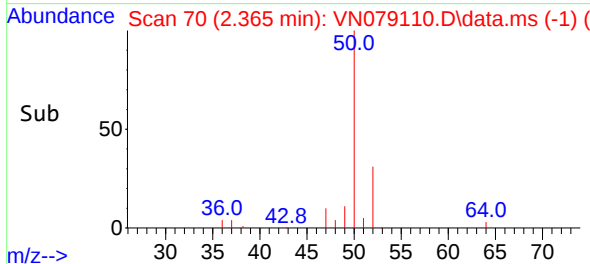
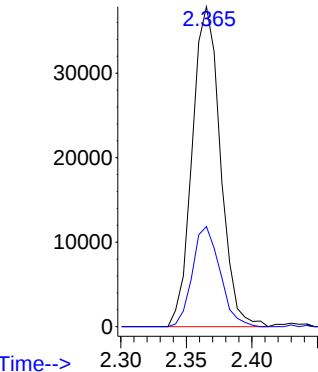
APPROVED

Reviewed By :John Carlone 08/31/2023

Supervised By :Mahesh Dadoda 09/01/2023



Abundance



#4

Vinyl Chloride

Concen: 20.299 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN079110.D

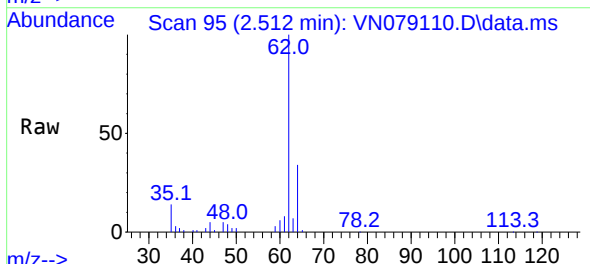
Acq: 30 Aug 2023 12:00

Tgt Ion: 62 Resp: 57409

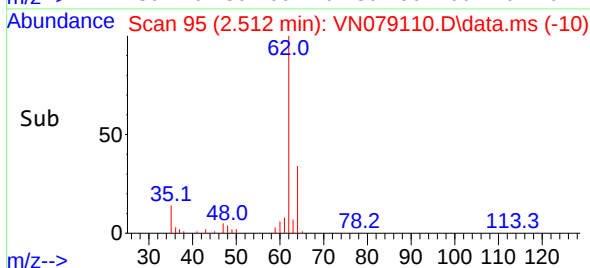
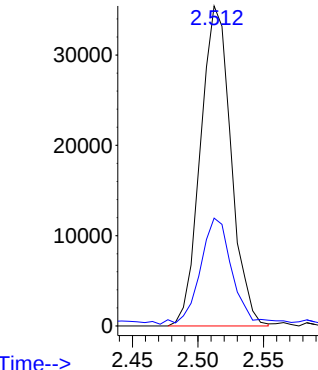
Ion Ratio Lower Upper

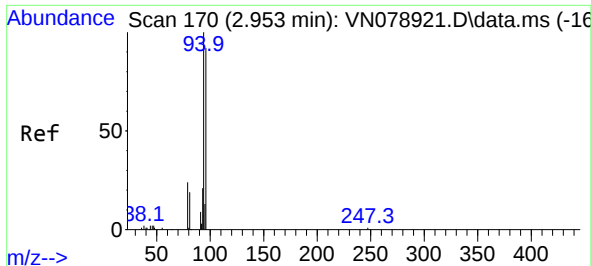
62 100

64 31.9 23.8 35.8



Abundance





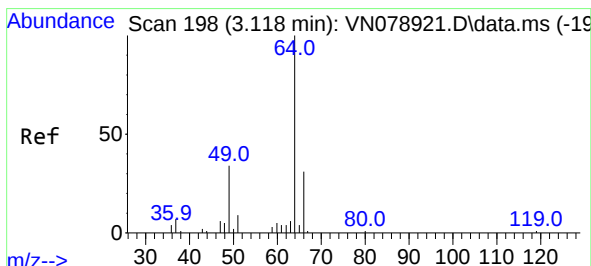
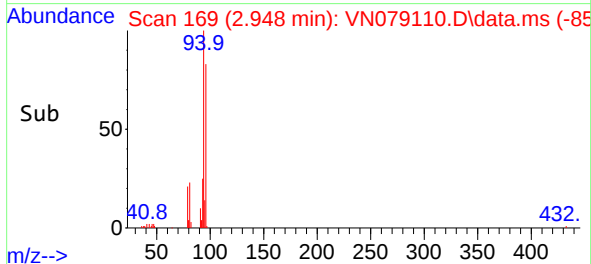
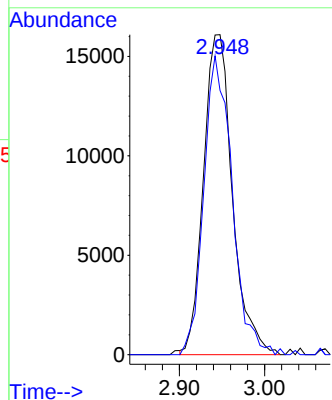
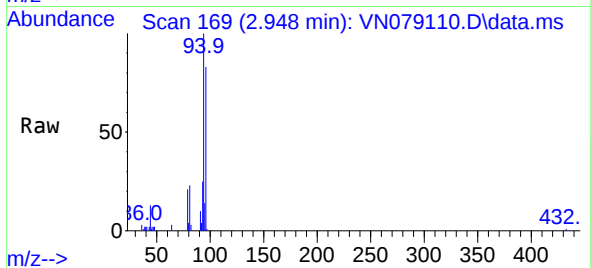
#5
Bromomethane
Concen: 21.776 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN079110.D
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Tgt Ion: 94 Resp: 38010
Ion Ratio Lower Upper
94 100
96 82.6 73.6 110.4

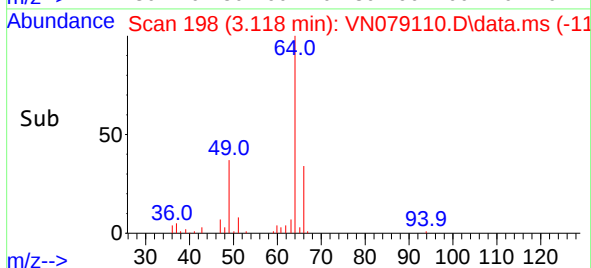
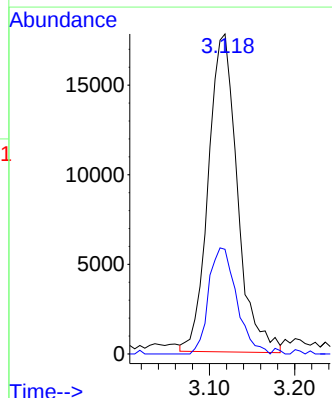
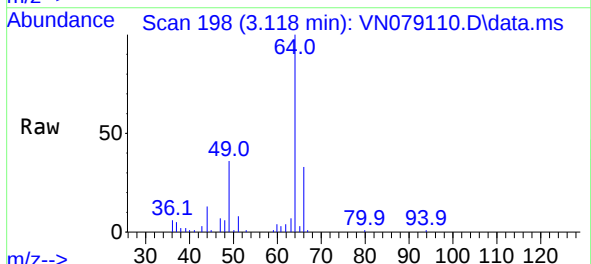
Manual Integrations
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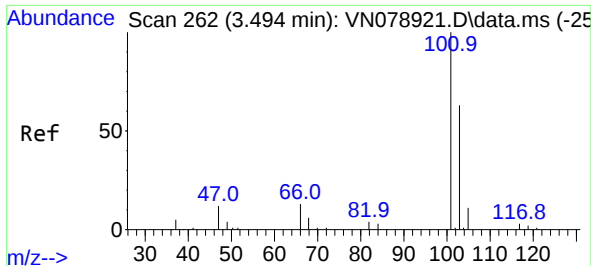
Reviewed By :John Carlone 08/31/2023
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#6
Chloroethane
Concen: 22.950 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

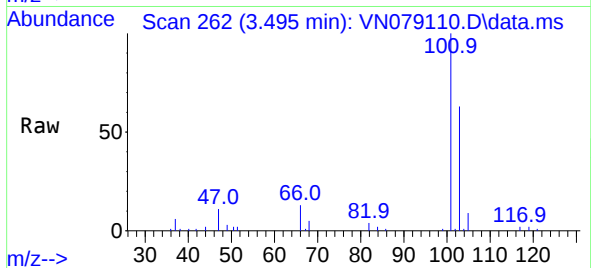
Tgt Ion: 64 Resp: 42179
Ion Ratio Lower Upper
64 100
66 33.6 24.9 37.3





#7
Trichlorofluoromethane
Concen: 19.988 ug/l
RT: 3.495 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

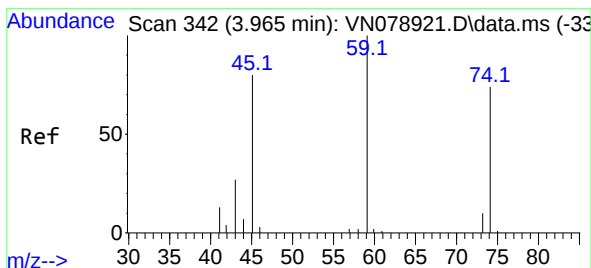
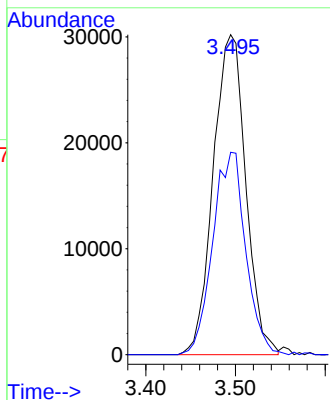
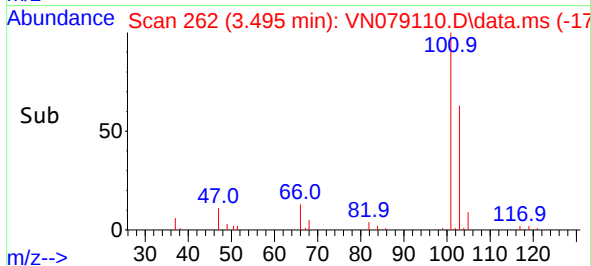
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01



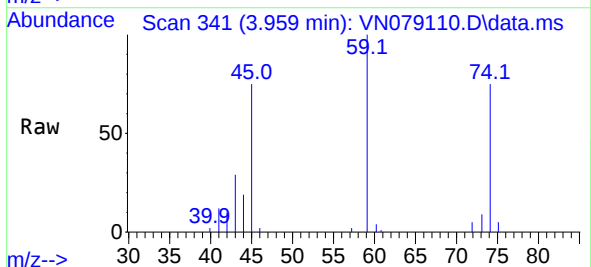
Tgt Ion:101 Resp: 7613
Ion Ratio Lower Upper
101 100
103 63.2 50.9 76.3

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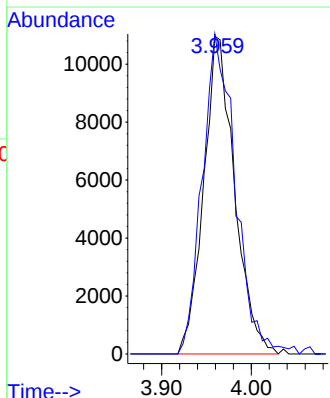
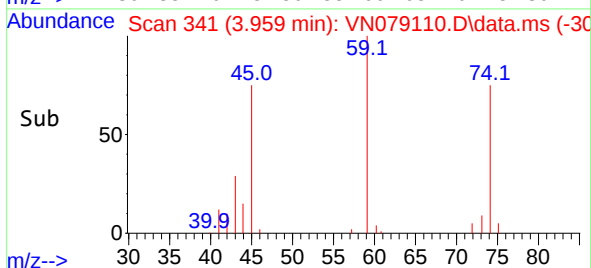
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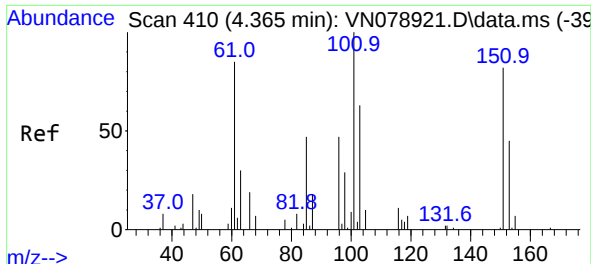


#8
Diethyl Ether
Concen: 18.285 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00



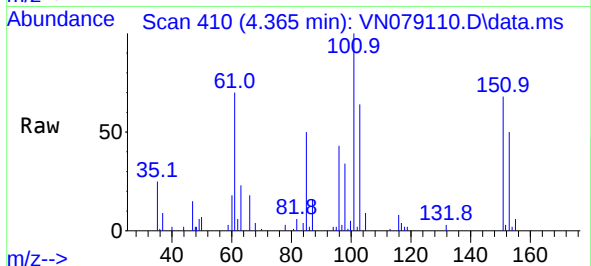
Tgt Ion: 74 Resp: 26196
Ion Ratio Lower Upper
74 100
45 106.7 21.3 191.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.993 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN079110.D
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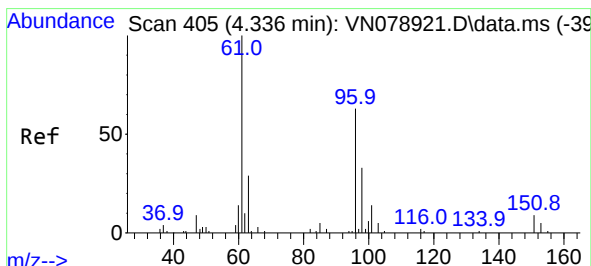
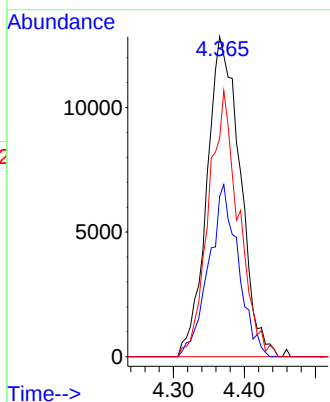
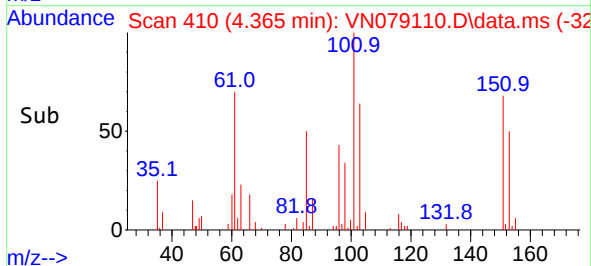
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01



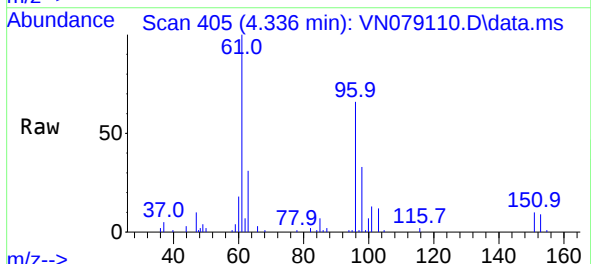
Tgt Ion:101 Resp: 4176
Ion Ratio Lower Upper
101 100
85 47.7 0.0 65.4
151 74.8 0.0 156.8

Manual Integrations
APPROVED

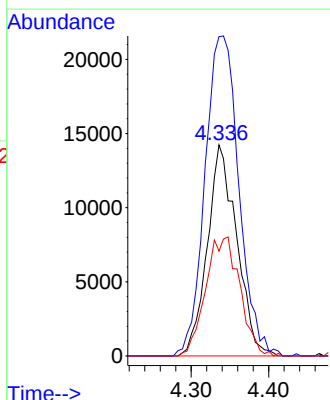
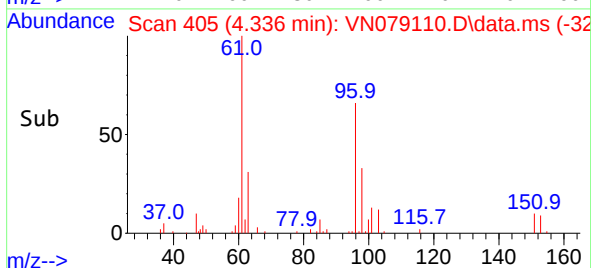
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

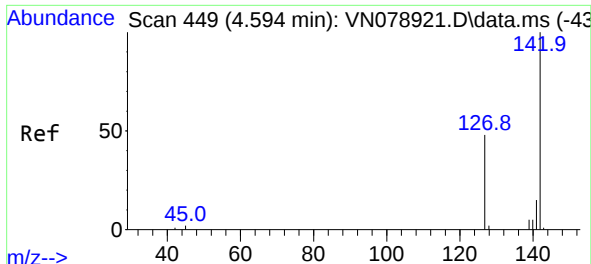


#10
1,1-Dichloroethene
Concen: 18.756 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00



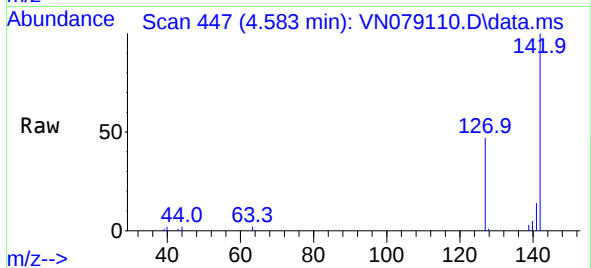
Tgt Ion: 96 Resp: 37540
Ion Ratio Lower Upper
96 100
61 148.9 126.2 189.4
98 49.7 41.7 62.5





#11
Methyl Iodide
Concen: 19.395 ug/l
RT: 4.583 min Scan# 449
Delta R.T. -0.012 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

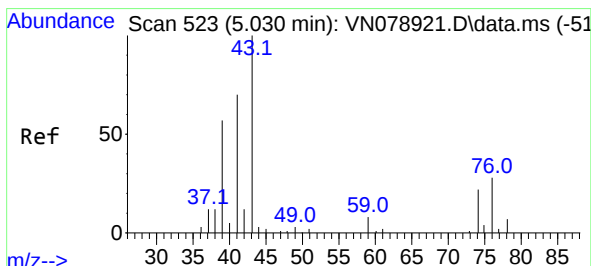
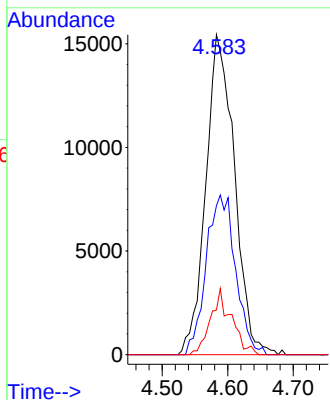
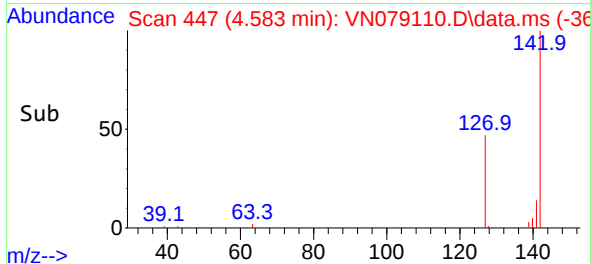
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01



Tgt Ion:142 Resp: 4684
Ion Ratio Lower Upper
142 100
127 46.6 24.3 72.9
141 14.0 7.3 22.0

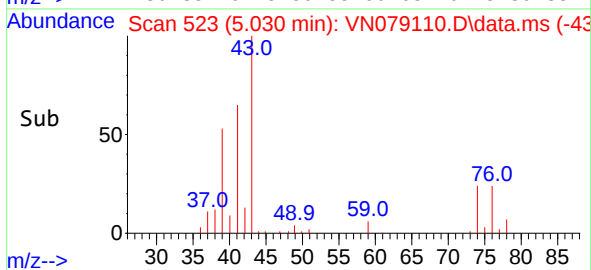
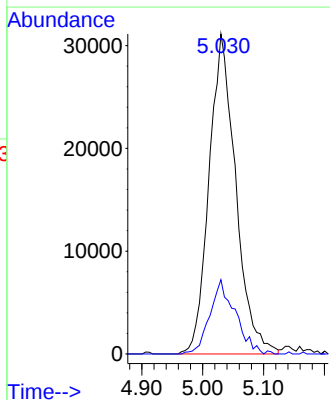
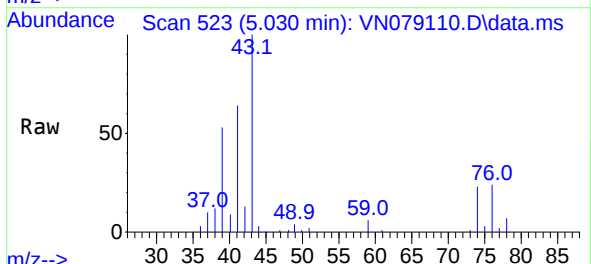
Manual Integrations
APPROVED

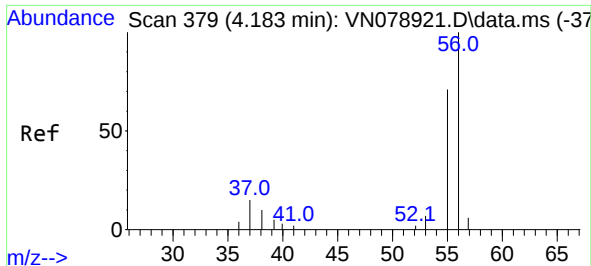
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#12
Methyl Acetate
Concen: 20.199 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

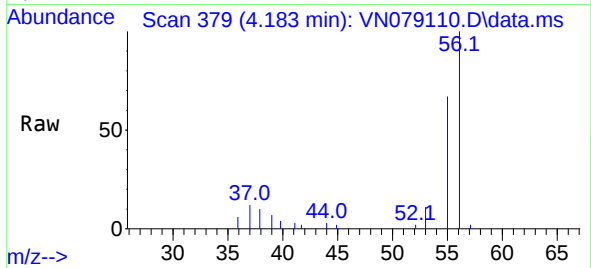
Tgt Ion: 43 Resp: 94762
Ion Ratio Lower Upper
43 100
74 23.4 17.5 26.3





#13
Acrolein
Concen: 80.013 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

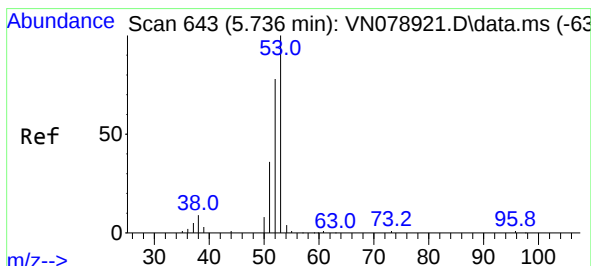
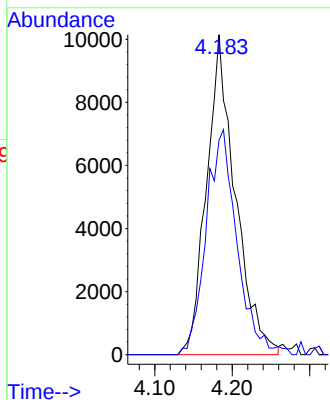
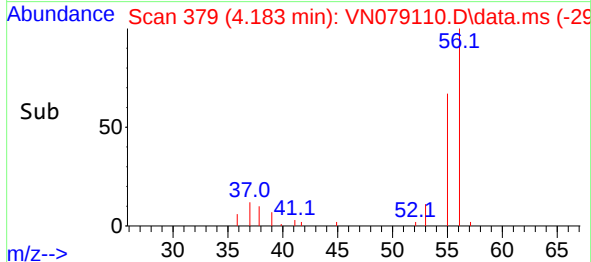
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01



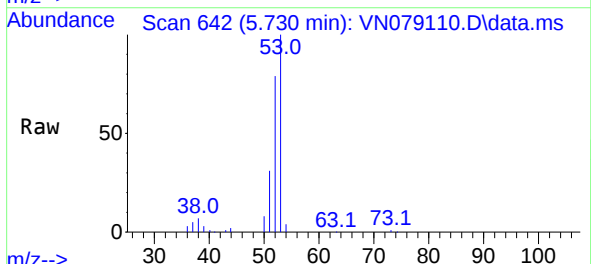
Tgt Ion: 56 Resp: 2616
Ion Ratio Lower Upper
56 100
55 73.3 54.5 81.7

Manual Integrations
APPROVED

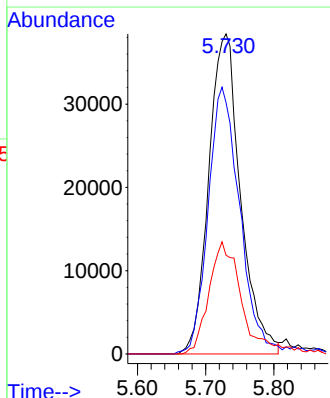
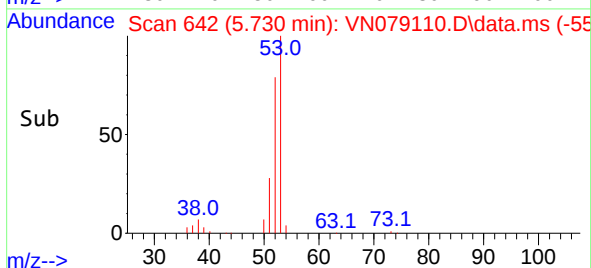
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

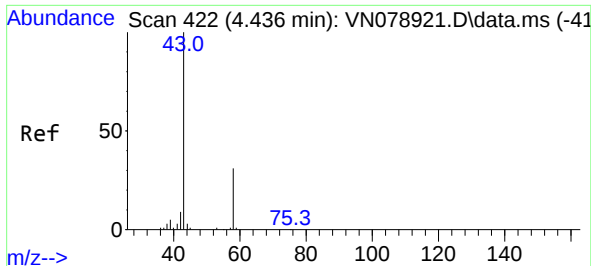


#14
Acrylonitrile
Concen: 100.952 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.006 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00



Tgt Ion: 53 Resp: 124496
Ion Ratio Lower Upper
53 100
52 82.1 41.9 125.6
51 23.0 10.1 30.1





#15

Acetone

Concen: 98.848 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN079110.D

Acq: 30 Aug 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN0830WBS01

Tgt Ion: 58 Resp: 37394

Ion Ratio Lower Upper

58 100

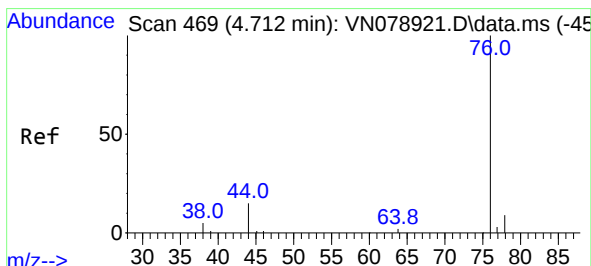
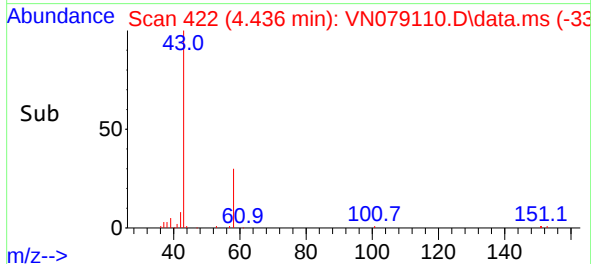
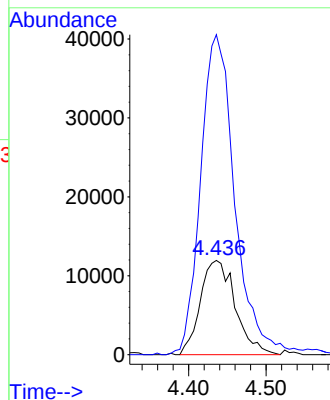
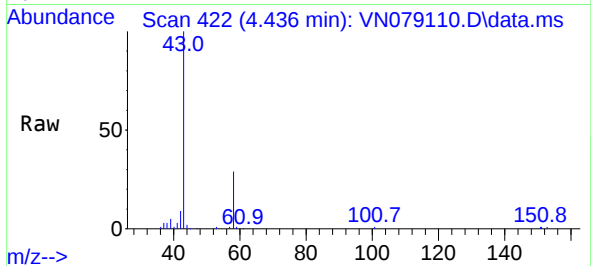
43 333.6 260.6 390.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2023

Supervised By :Mahesh Dadoda 09/01/2023



#16

Carbon Disulfide

Concen: 17.984 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN079110.D

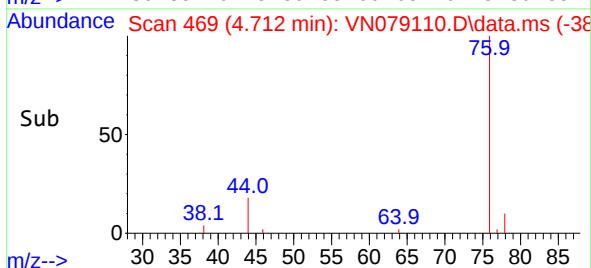
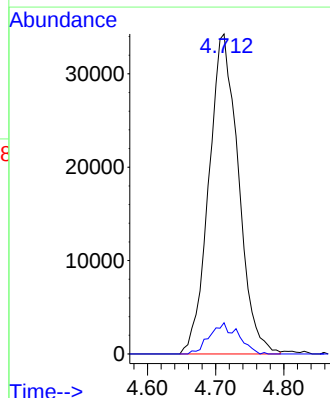
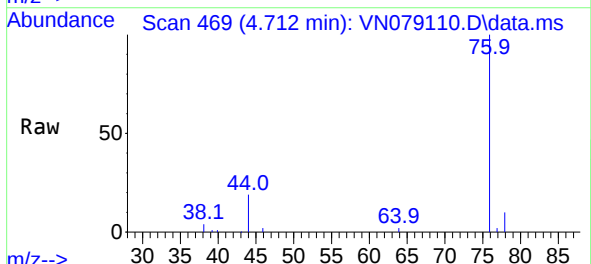
Acq: 30 Aug 2023 12:00

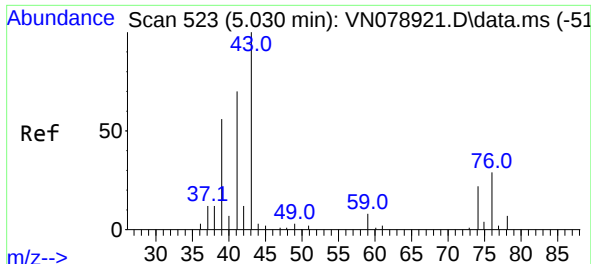
Tgt Ion: 76 Resp: 103420

Ion Ratio Lower Upper

76 100

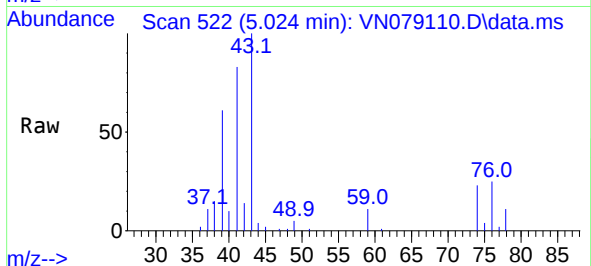
78 9.7 7.0 10.6





#17
 Allyl chloride
 Concen: 20.312 ug/l
 RT: 5.024 min Scan# 511
 Delta R.T. -0.006 min
 Lab File: VN079110.D
 Acq: 30 Aug 2023 12:00

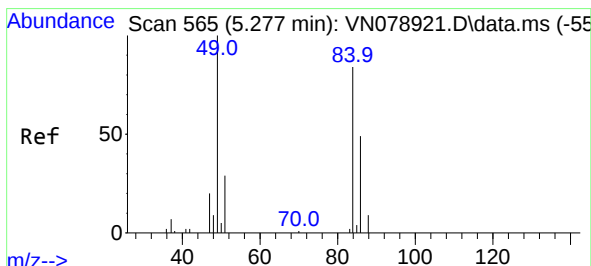
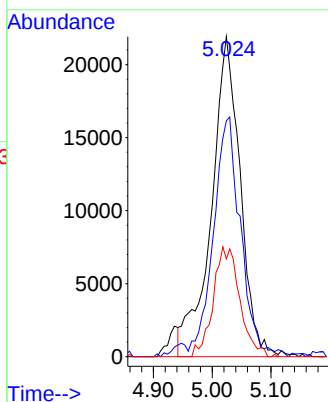
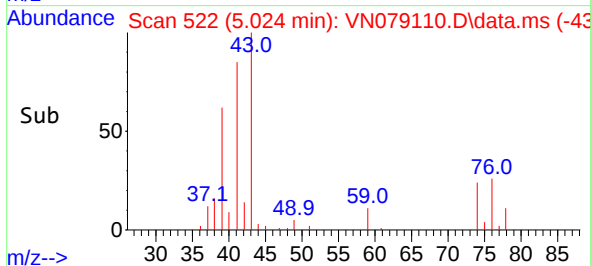
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0830WBS01



Tgt Ion: 41 Resp: 74512
 Ion Ratio Lower Upper
 41 100
 39 72.0 36.9 110.7
 76 30.7 17.3 51.9

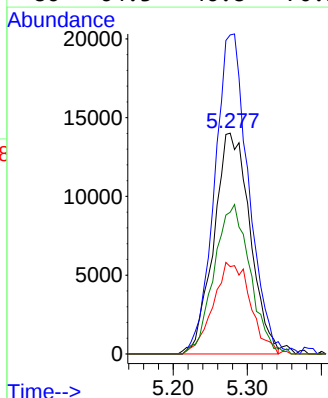
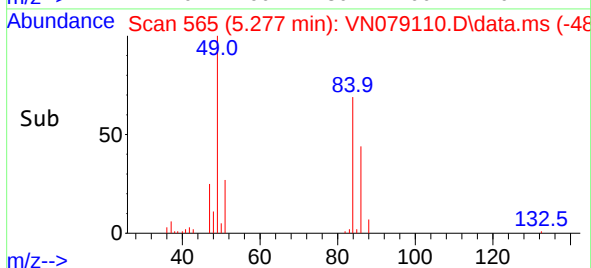
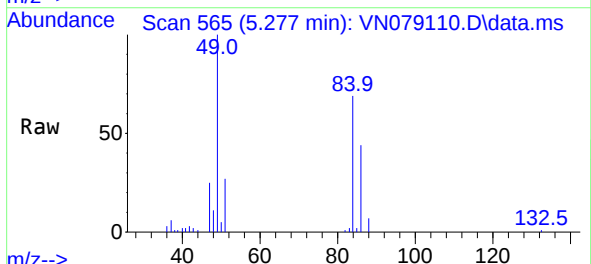
Manual Integrations
 APPROVED

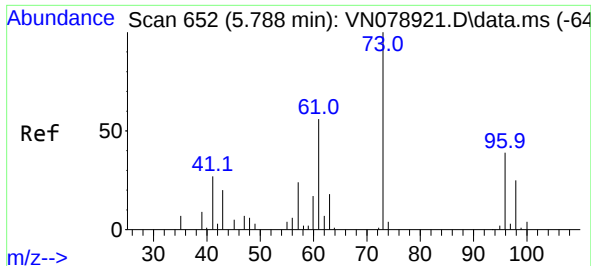
Reviewed By :John Carlone 08/31/2023
 Supervised By :Mahesh Dadoda 09/01/2023



#18
 Methylene Chloride
 Concen: 19.848 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: VN079110.D
 Acq: 30 Aug 2023 12:00

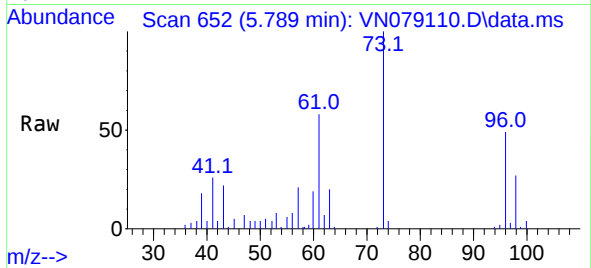
Tgt Ion: 84 Resp: 47489
 Ion Ratio Lower Upper
 84 100
 49 144.6 95.8 143.6#
 51 39.6 28.6 43.0
 86 64.3 46.8 70.2





#19
trans-1,2-Dichloroethene
Concen: 19.090 ug/l
RT: 5.789 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

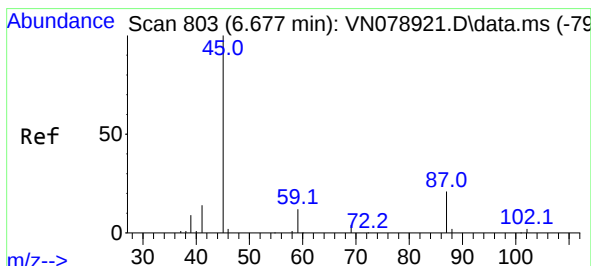
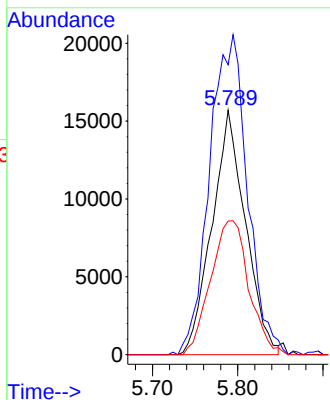
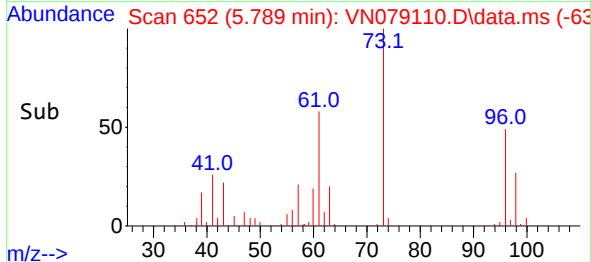
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01



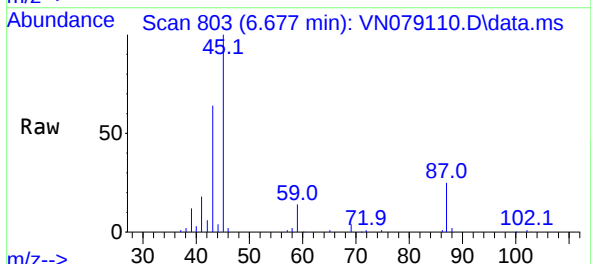
Tgt Ion: 96 Resp: 43000
Ion Ratio Lower Upper
96 100
61 118.6 114.0 171.0
98 54.7 50.6 76.0

Manual Integrations
APPROVED

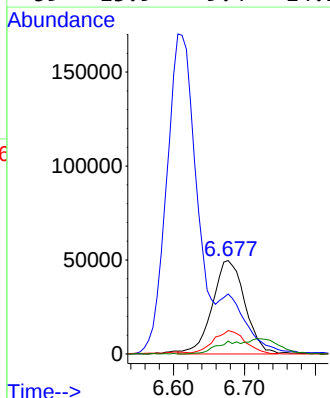
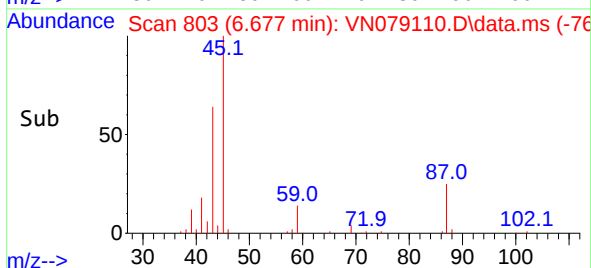
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

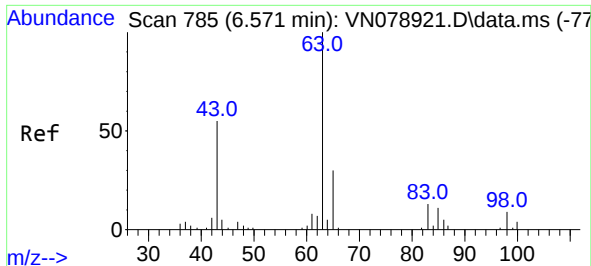


#20
Diisopropyl ether
Concen: 19.817 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00



Tgt Ion: 45 Resp: 158139
Ion Ratio Lower Upper
45 100
43 60.1 37.4 56.2#
87 24.8 17.3 25.9
59 13.9 9.4 14.2





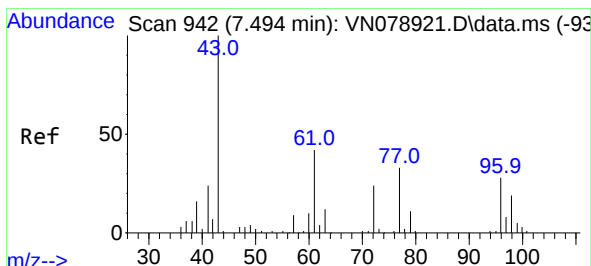
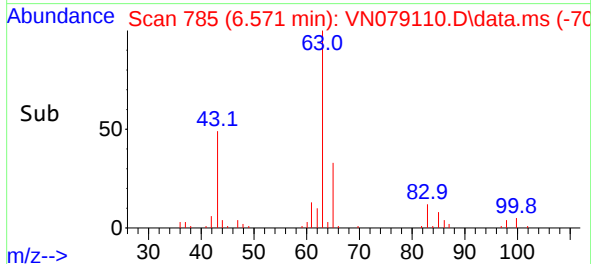
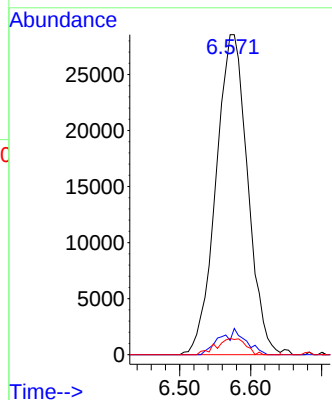
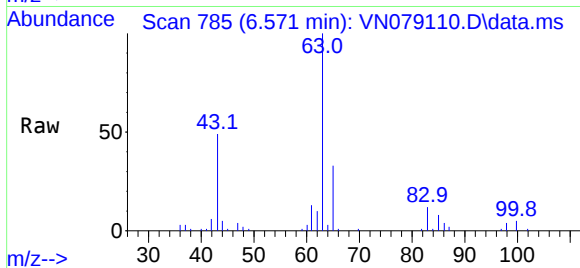
#21
1,1-Dichloroethane
Concen: 19.975 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01

Tgt Ion: 63 Resp: 88450
Ion Ratio Lower Upper
63 100
98 4.4 4.4 13.2
100 5.0 2.1 6.5

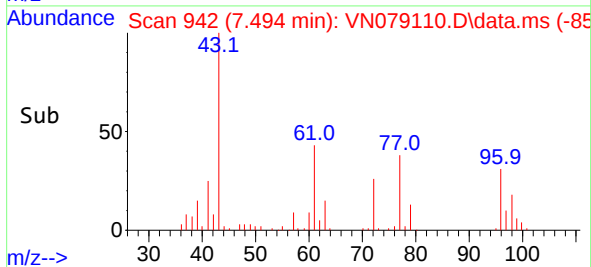
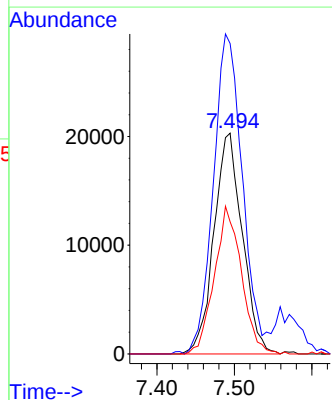
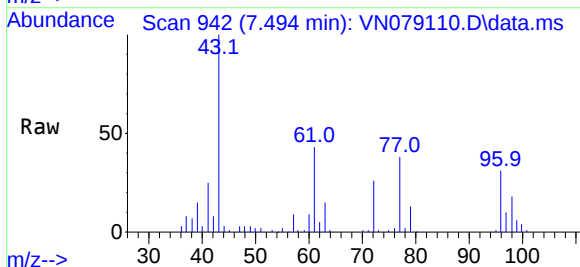
Manual Integrations
APPROVED

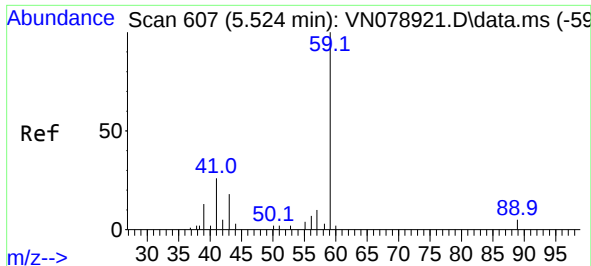
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#22
cis-1,2-Dichloroethene
Concen: 20.058 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

Tgt Ion: 96 Resp: 51712
Ion Ratio Lower Upper
96 100
61 147.0 121.8 182.6
98 63.7 50.7 76.1





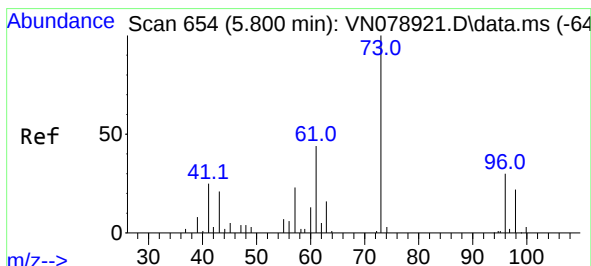
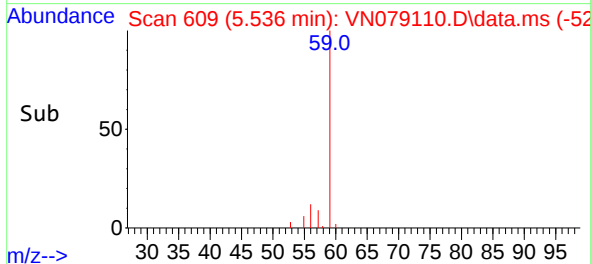
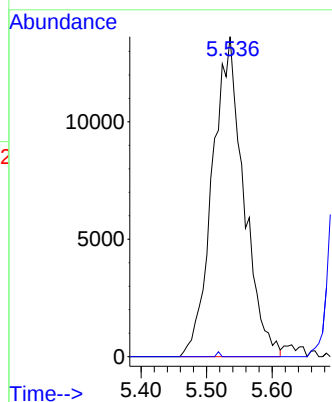
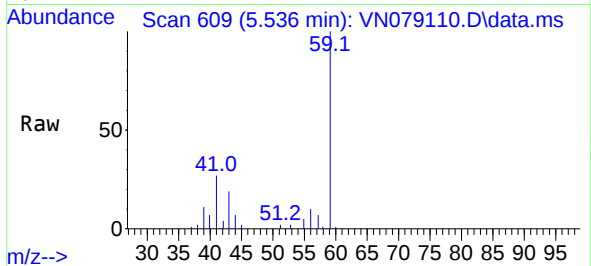
#23
tert-Butyl Alcohol
Concen: 98.309 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.012 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01

Tgt Ion: 59 Resp: 4522
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

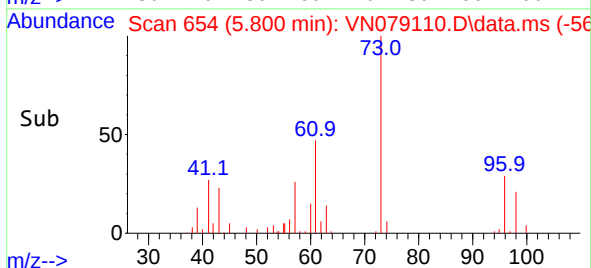
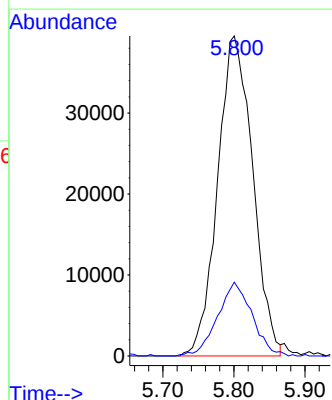
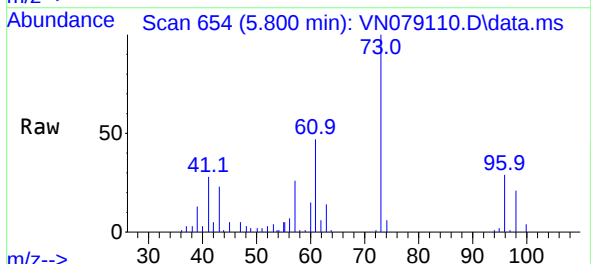
Manual Integrations
APPROVED

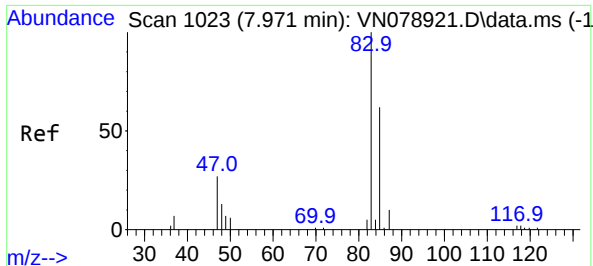
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#24
Methyl tert-Butyl Ether
Concen: 19.098 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

Tgt Ion: 73 Resp: 135686
Ion Ratio Lower Upper
73 100
43 22.3 17.3 25.9





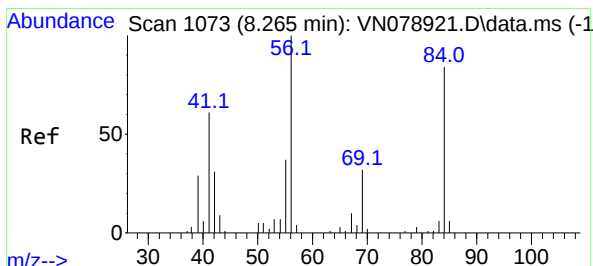
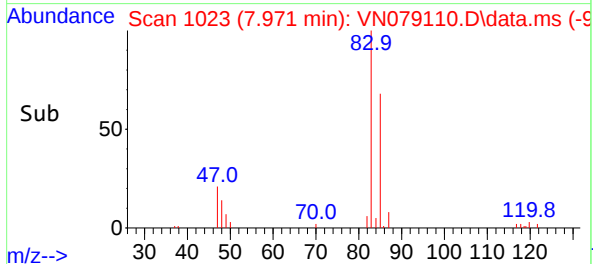
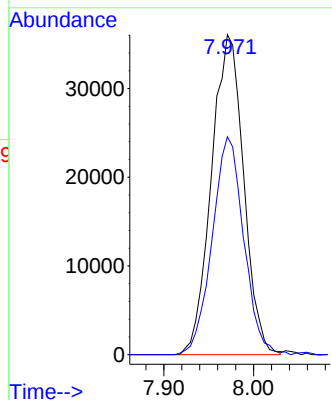
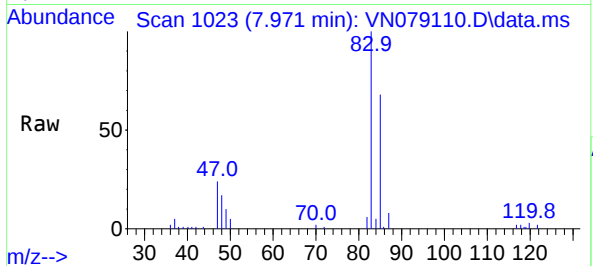
#25
Chloroform
Concen: 20.130 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01

Tgt Ion: 83 Resp: 8979
Ion Ratio Lower Upper
83 100
85 67.6 49.6 74.4

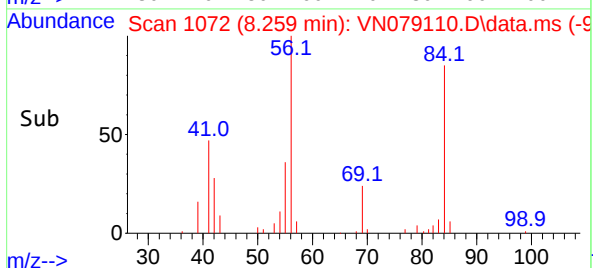
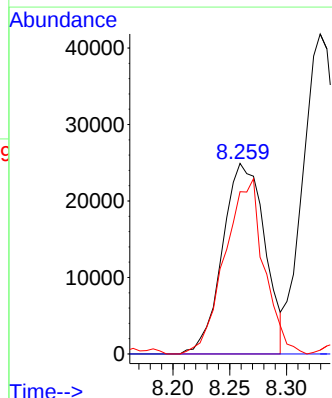
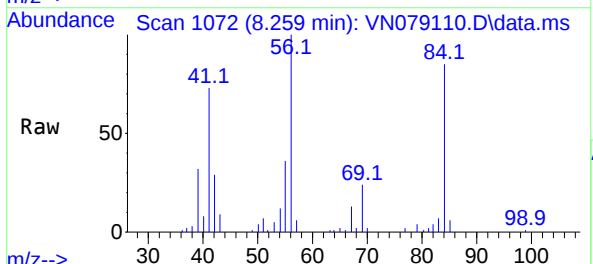
Manual Integrations
APPROVED

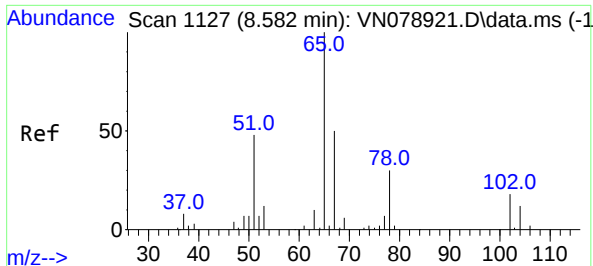
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#26
Cyclohexane
Concen: 19.908 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

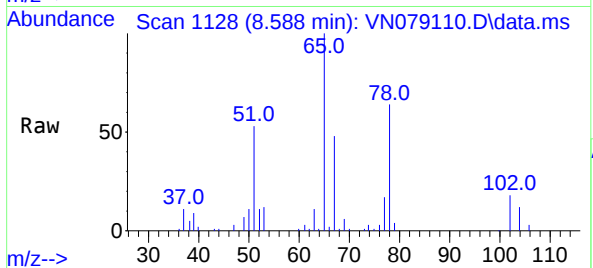
Tgt Ion: 56 Resp: 64484
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.9 70.1 105.1





#27
1,2-Dichloroethane-d4
Concen: 30.545 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

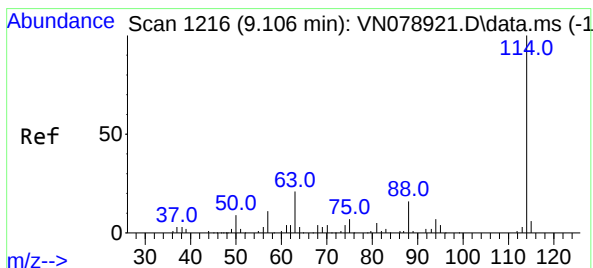
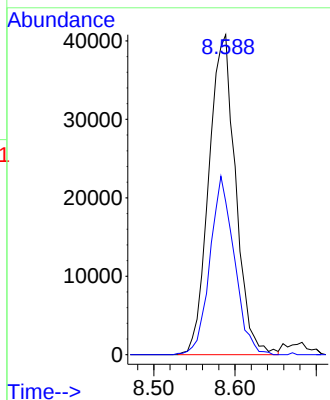
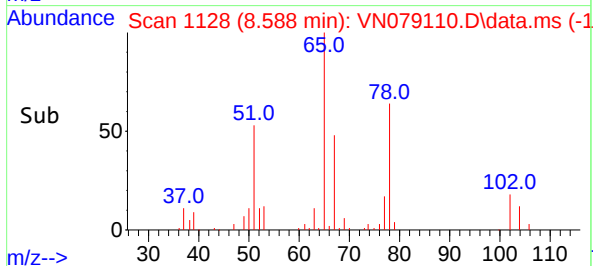
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01



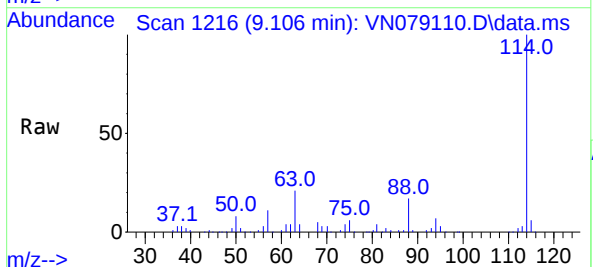
Tgt Ion: 65 Resp: 93500
Ion Ratio Lower Upper
65 100
67 50.6 40.7 61.1

Manual Integrations
APPROVED

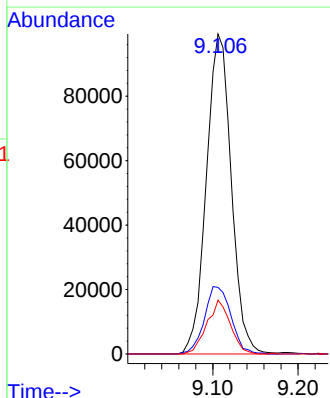
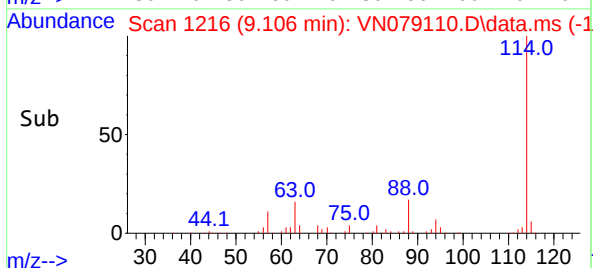
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

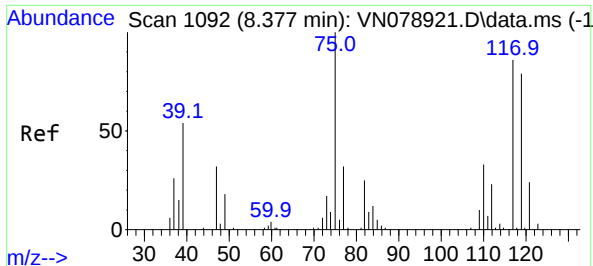


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00



Tgt Ion:114 Resp: 202023
Ion Ratio Lower Upper
114 100
63 22.4 17.4 26.2
88 15.8 12.0 18.0





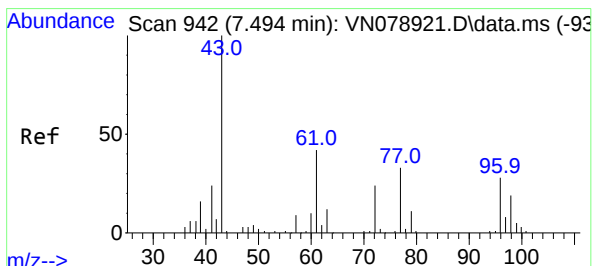
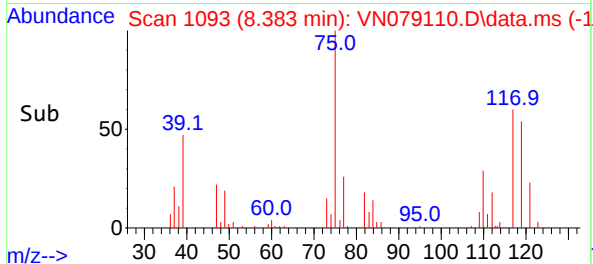
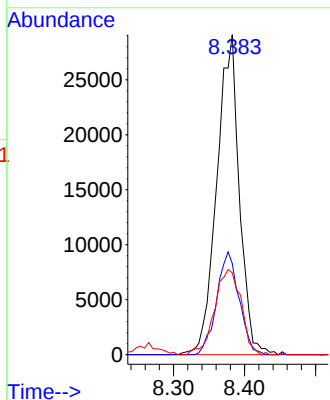
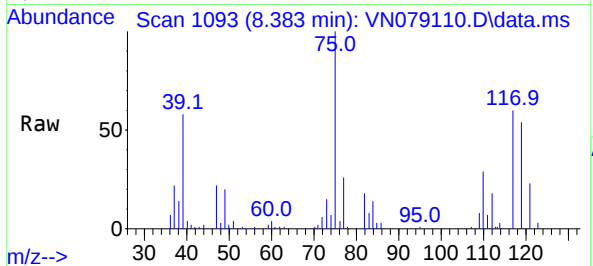
#29
1,1-Dichloropropene
Concen: 20.841 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01

Tgt Ion: 75 Resp: 64049
Ion Ratio Lower Upper
75 100
110 31.9 0.0 65.8
77 31.1 0.0 60.4

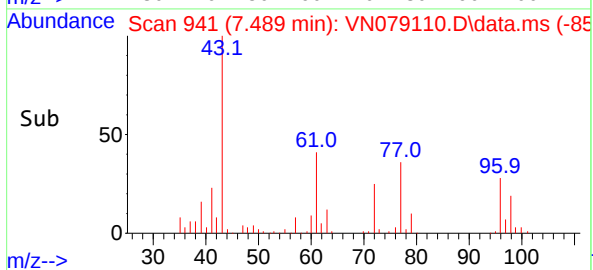
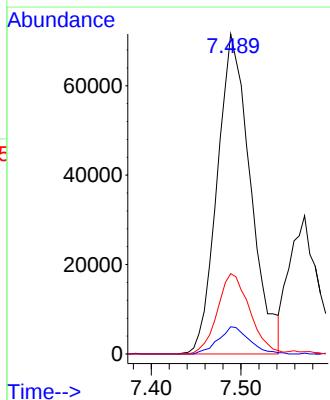
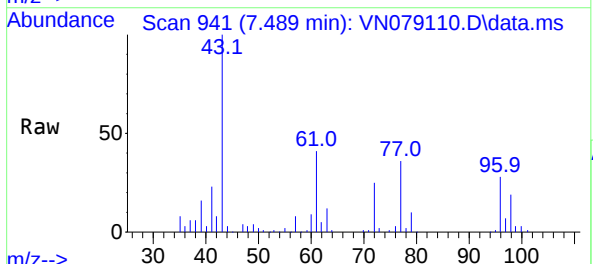
Manual Integrations
APPROVED

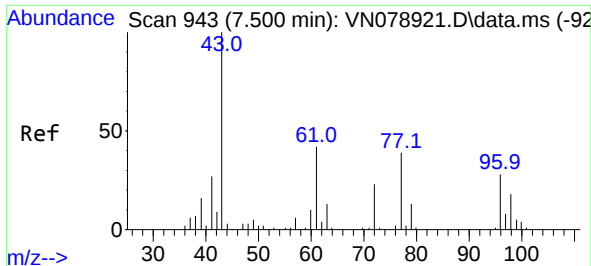
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#30
2-Butanone
Concen: 102.478 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

Tgt Ion: 43 Resp: 184368
Ion Ratio Lower Upper
43 100
57 7.9 6.2 9.4
72 24.4 19.4 29.2





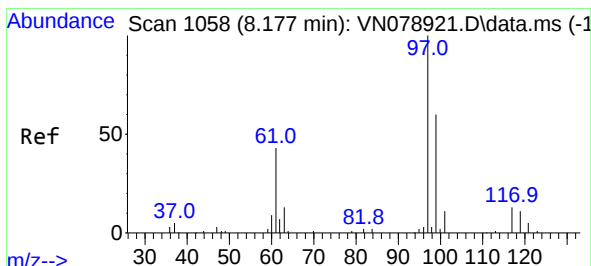
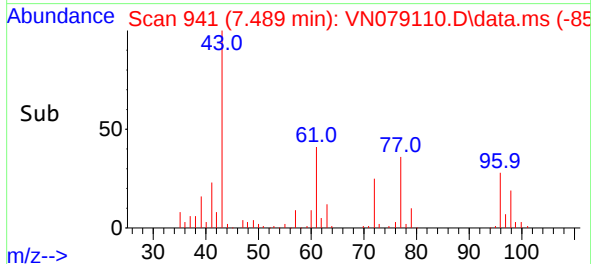
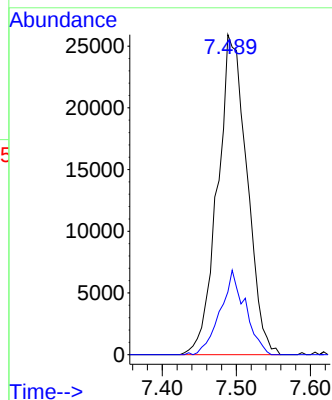
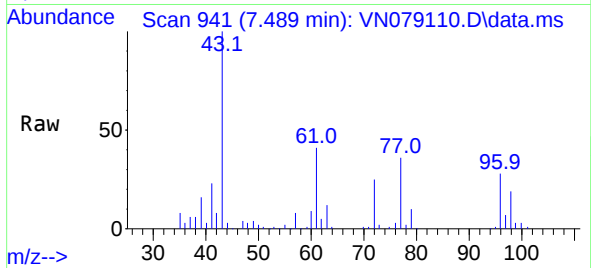
#31
2,2-Dichloropropane
Concen: 21.004 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.012 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01

Tgt Ion: 77 Resp: 71339
Ion Ratio Lower Upper
77 100
97 22.6 17.6 26.4

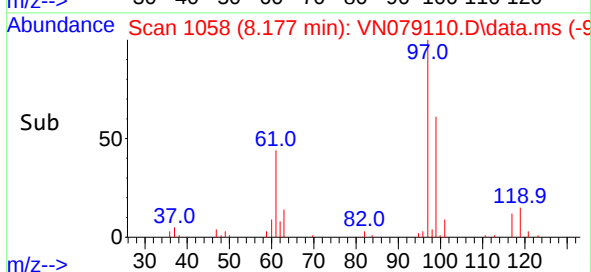
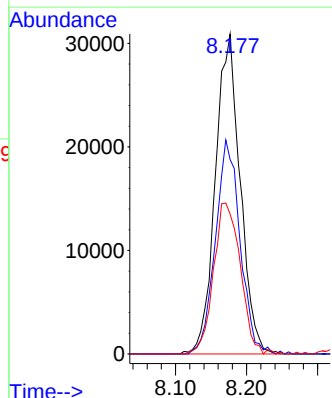
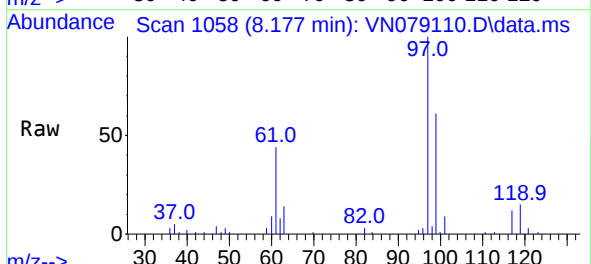
Manual Integrations
APPROVED

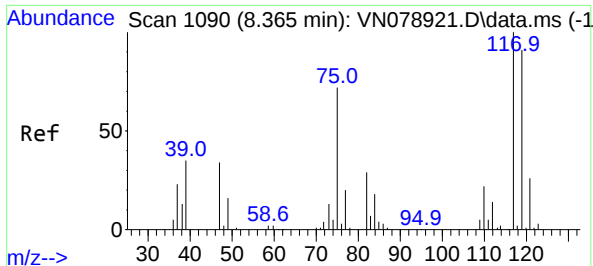
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#32
1,1,1-Trichloroethane
Concen: 20.428 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

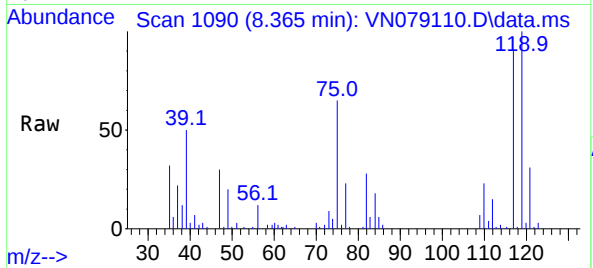
Tgt Ion: 97 Resp: 74951
Ion Ratio Lower Upper
97 100
99 66.4 52.0 78.0
61 50.7 37.0 55.6





#33
Carbon Tetrachloride
Concen: 20.708 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

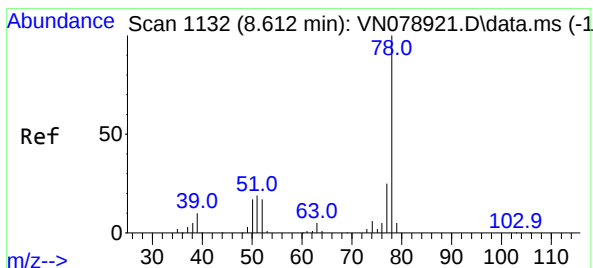
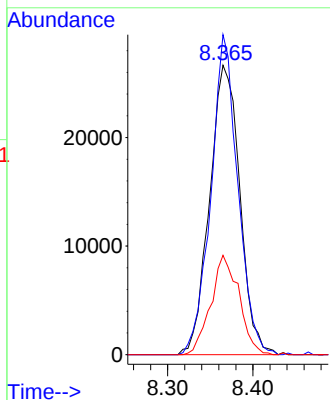
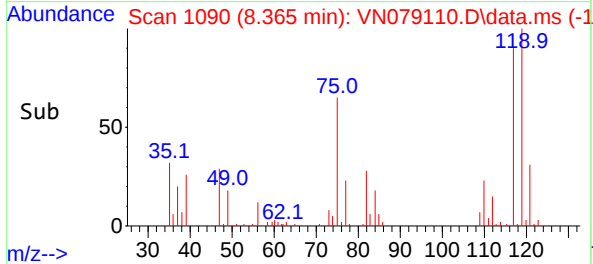
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01



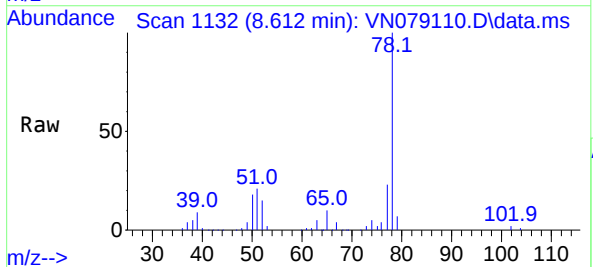
Tgt Ion:117 Resp: 65812
Ion Ratio Lower Upper
117 100
119 110.5 72.6 108.8
121 34.3 20.7 31.1

Manual Integrations
APPROVED

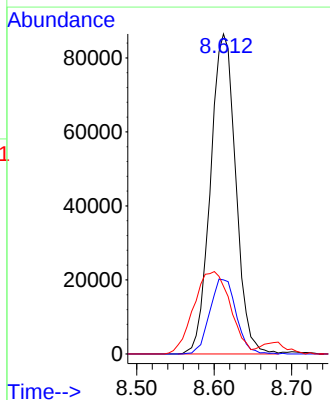
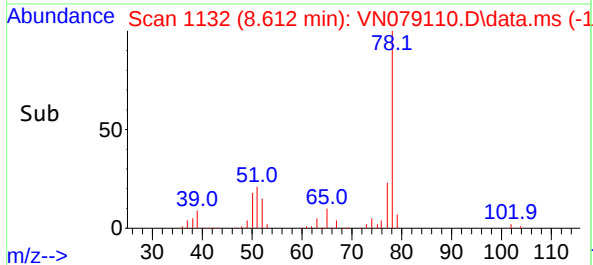
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

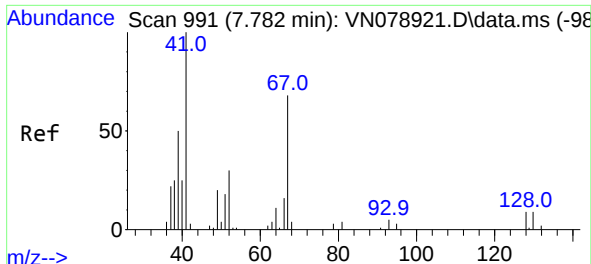


#34
Benzene
Concen: 21.248 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00



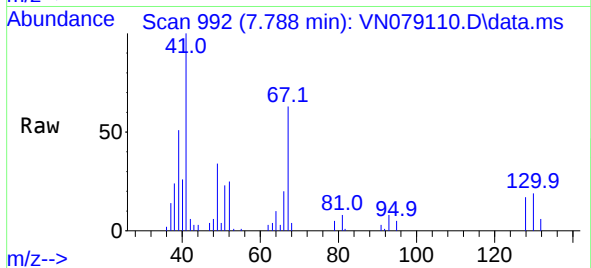
Tgt Ion: 78 Resp: 195685
Ion Ratio Lower Upper
78 100
77 23.1 19.9 29.9
51 18.4 14.8 22.2





#35
Methacrylonitrile
Concen: 20.746 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

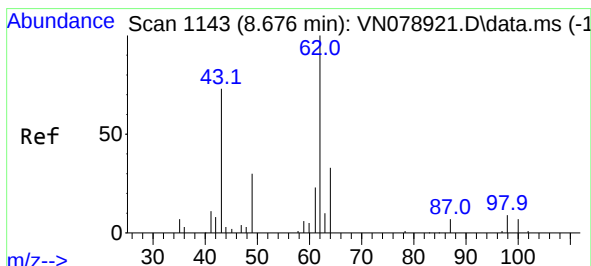
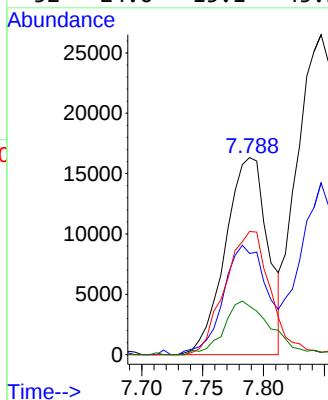
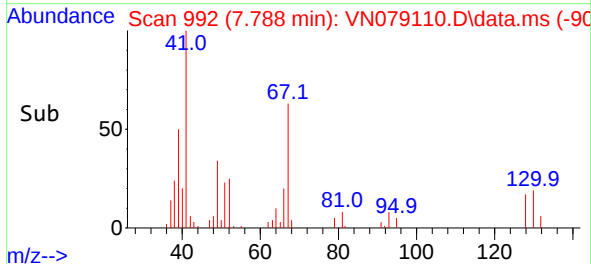
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01



Tgt Ion: 41 Resp: 39780
Ion Ratio Lower Upper
41 100
39 51.4 25.0 75.0
67 62.5 34.0 102.0
52 24.6 15.1 45.3

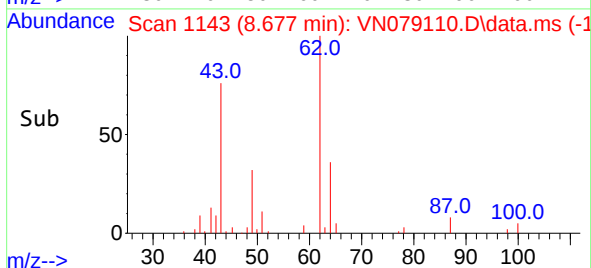
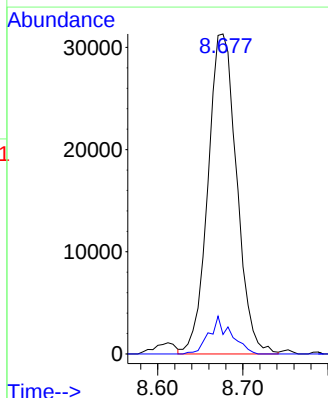
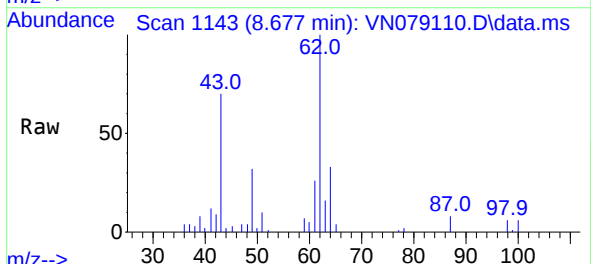
Manual Integrations
APPROVED

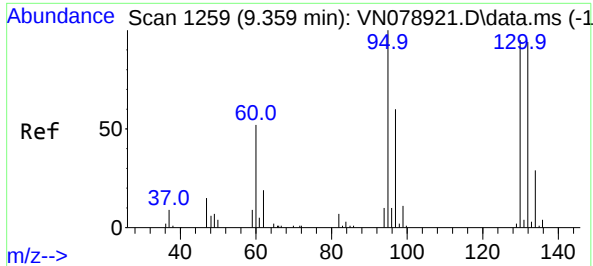
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#36
1,2-Dichloroethane
Concen: 21.315 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

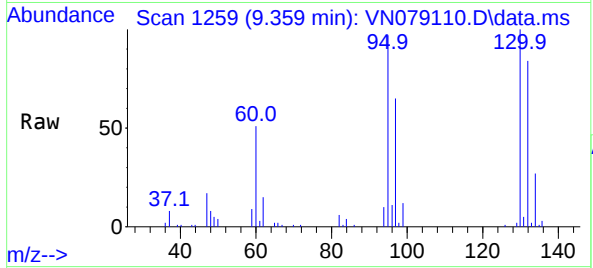
Tgt Ion: 62 Resp: 73511
Ion Ratio Lower Upper
62 100
98 8.9 8.1 12.1





#37
 Trichloroethene
 Concen: 20.248 ug/l
 RT: 9.359 min Scan# 1259
 Delta R.T. 0.000 min
 Lab File: VN079110.D
 Acq: 30 Aug 2023 12:00

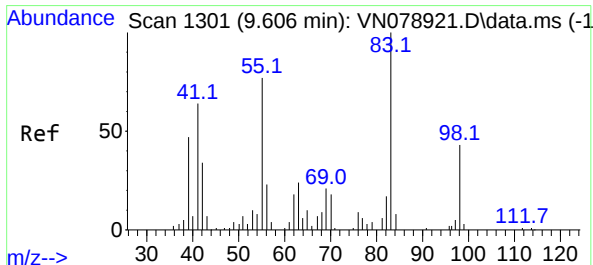
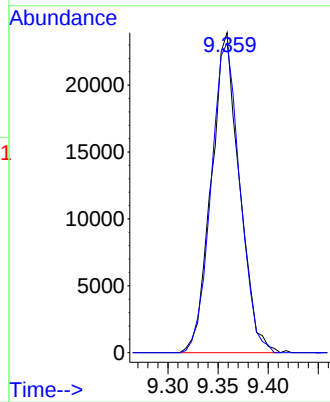
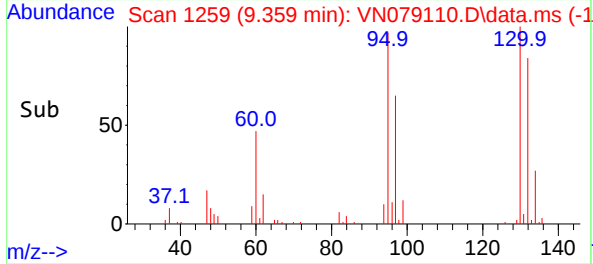
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0830WBS01



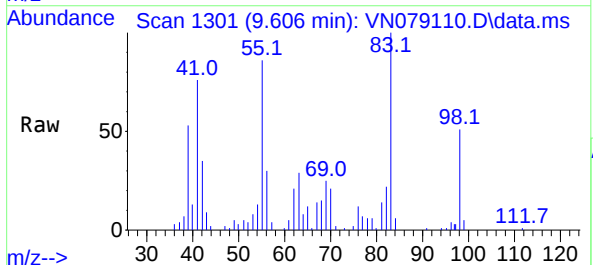
Tgt Ion:130 Resp: 46418
 Ion Ratio Lower Upper
 130 100
 95 96.8 84.6 127.0

Manual Integrations
 APPROVED

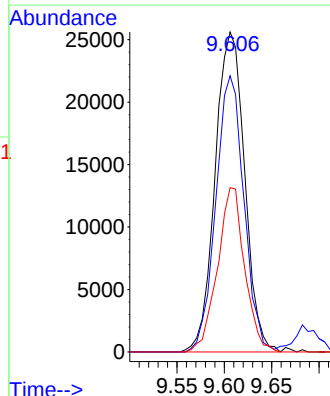
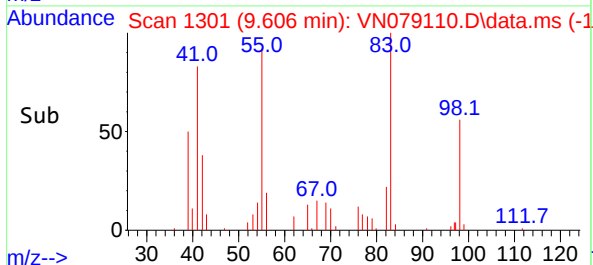
Reviewed By :John Carlone 08/31/2023
 Supervised By :Mahesh Dadoda 09/01/2023

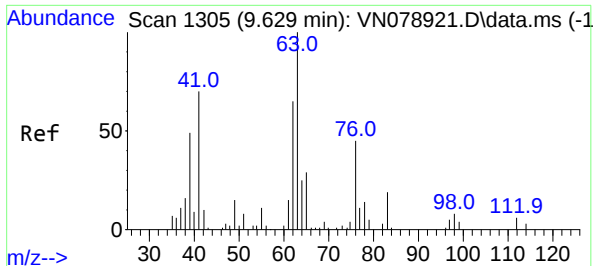


#38
 Methylcyclohexane
 Concen: 20.473 ug/l
 RT: 9.606 min Scan# 1301
 Delta R.T. 0.000 min
 Lab File: VN079110.D
 Acq: 30 Aug 2023 12:00



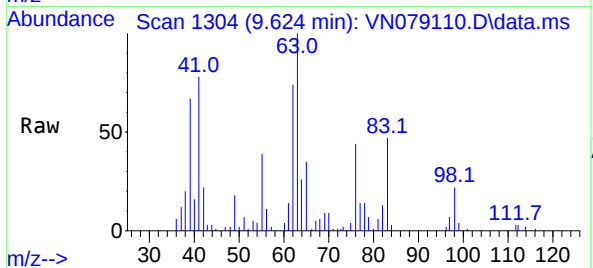
Tgt Ion: 83 Resp: 55393
 Ion Ratio Lower Upper
 83 100
 55 82.4 40.2 120.6
 98 47.5 24.1 72.3





#39
1,2-Dichloropropane
Concen: 20.897 ug/l
RT: 9.624 min Scan# 1305
Delta R.T. -0.006 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

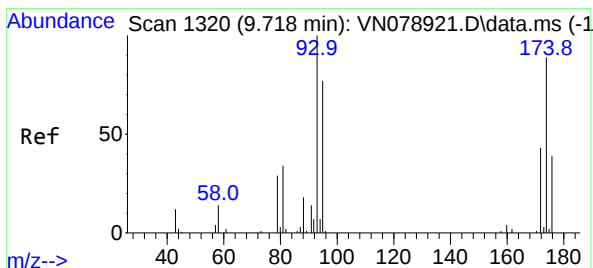
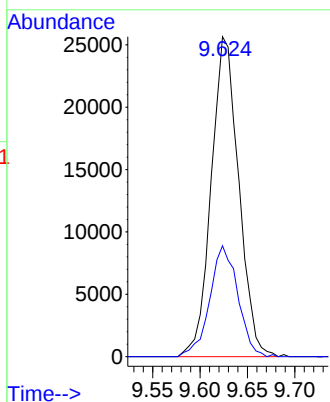
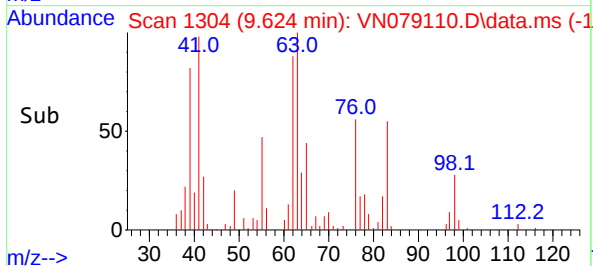
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01



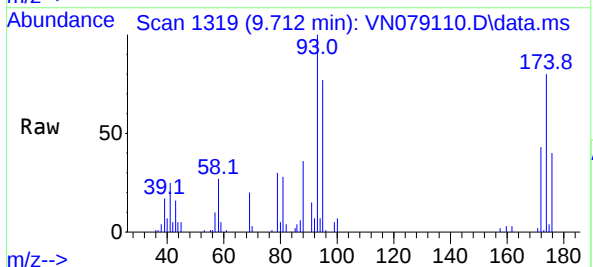
Tgt Ion: 63 Resp: 51840
Ion Ratio Lower Upper
63 100
65 34.7 23.5 35.3

Manual Integrations
APPROVED

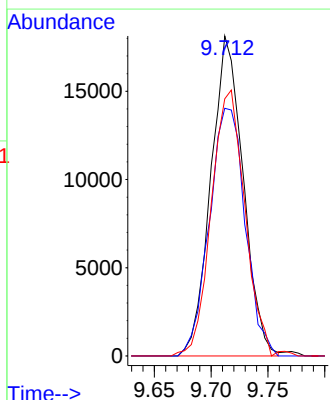
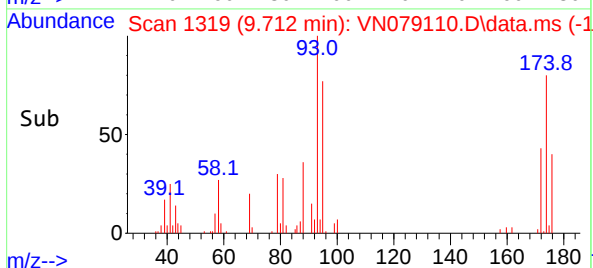
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

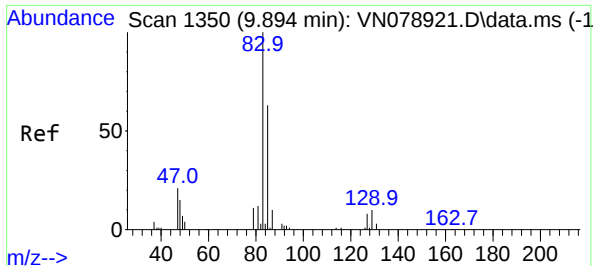


#40
Dibromomethane
Concen: 21.531 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00



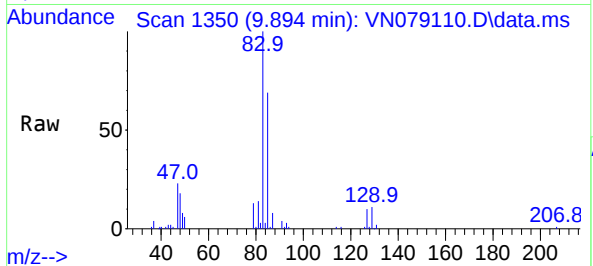
Tgt Ion: 93 Resp: 35803
Ion Ratio Lower Upper
93 100
95 85.7 0.0 162.0
174 86.0 0.0 188.6





#41
Bromodichloromethane
Concen: 21.452 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

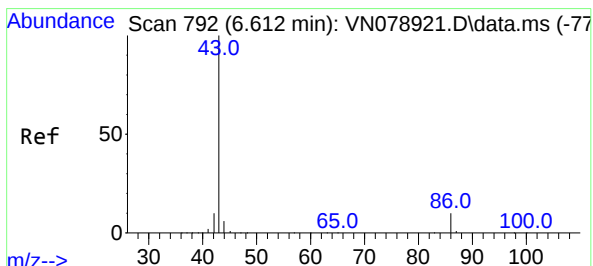
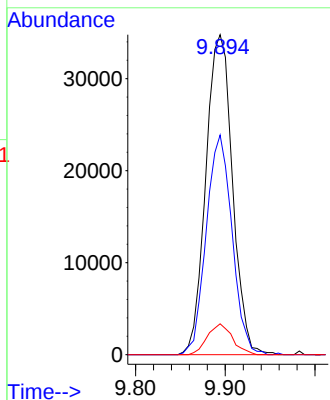
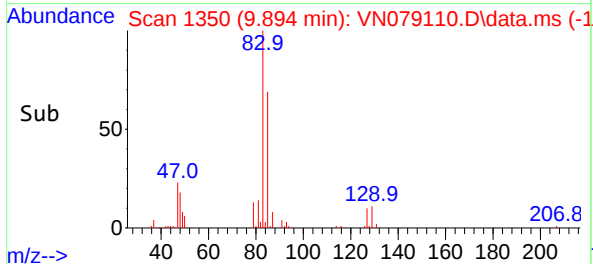
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01



Tgt Ion: 83 Resp: 71735
Ion Ratio Lower Upper
83 100
85 68.7 50.2 75.2
127 9.7 6.2 9.4

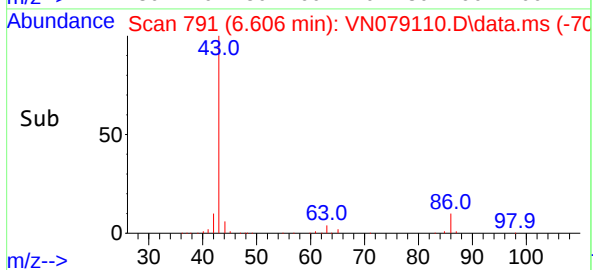
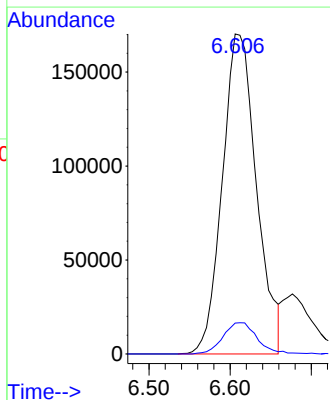
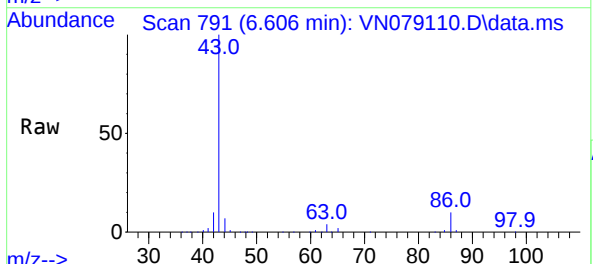
Manual Integrations
APPROVED

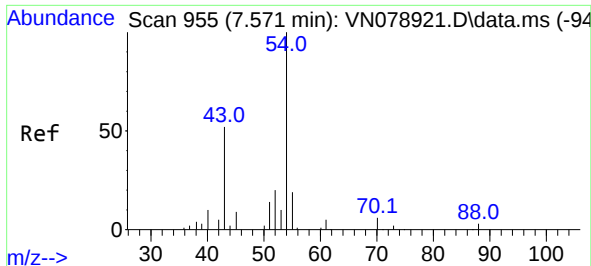
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#42
Vinyl Acetate
Concen: 98.302 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.006 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

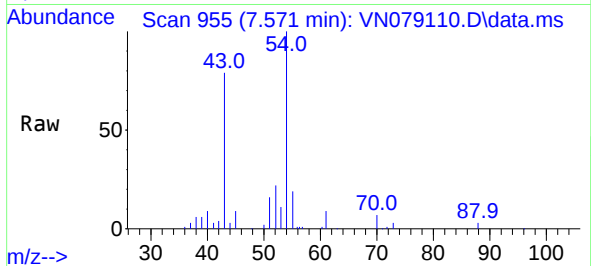
Tgt Ion: 43 Resp: 498629
Ion Ratio Lower Upper
43 100
86 9.7 7.4 11.0





#43
Ethyl Acetate
Concen: 17.629 ug/l
RT: 7.571 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

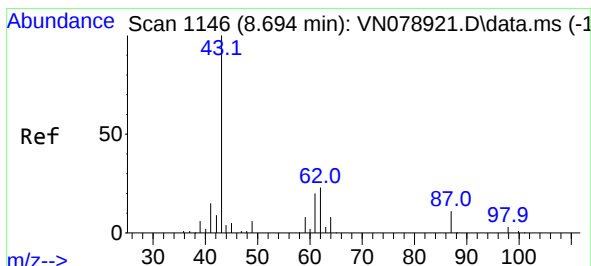
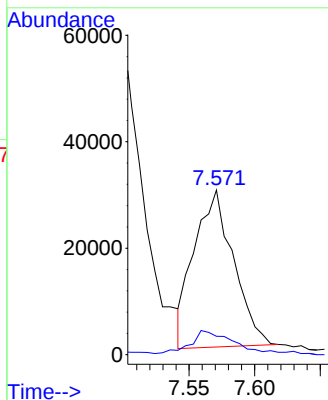
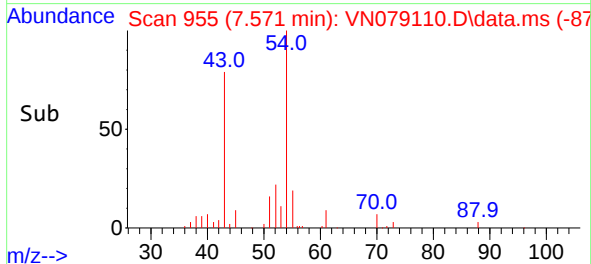
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01



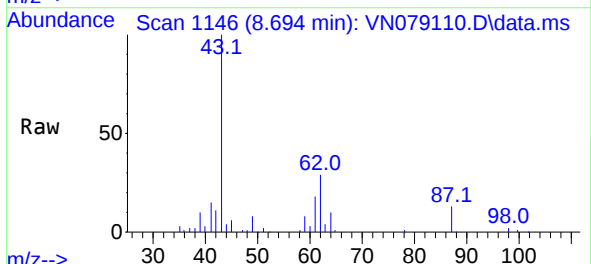
Tgt Ion: 43 Resp: 61530
Ion Ratio Lower Upper
43 100
45 17.4 9.6 14.4

Manual Integrations
APPROVED

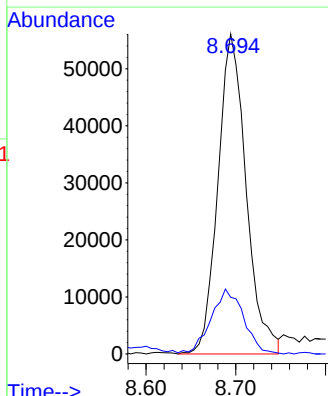
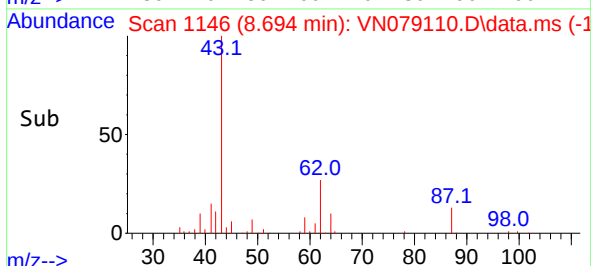
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

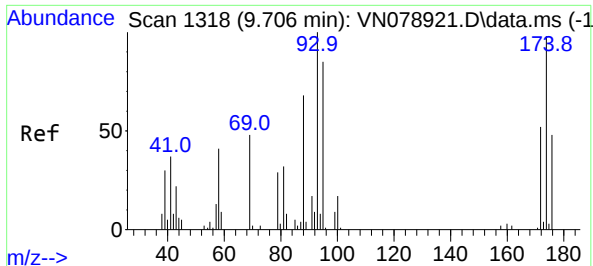


#44
Isopropyl Acetate
Concen: 19.936 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00



Tgt Ion: 43 Resp: 122603
Ion Ratio Lower Upper
43 100
61 23.4 19.0 28.4





#45

1,4-Dioxane

Concen: 410.614 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.012 min

Lab File: VN079110.D

Acq: 30 Aug 2023 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN0830WBS01

Tgt Ion: 88 Resp: 1900

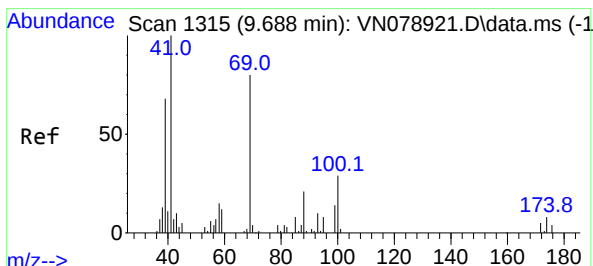
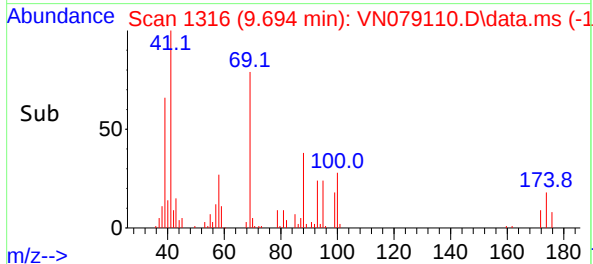
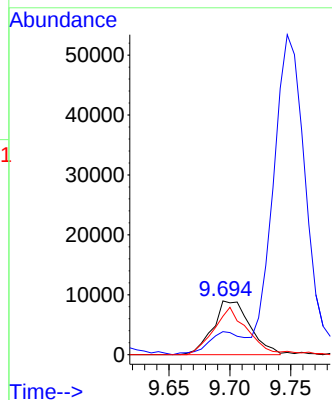
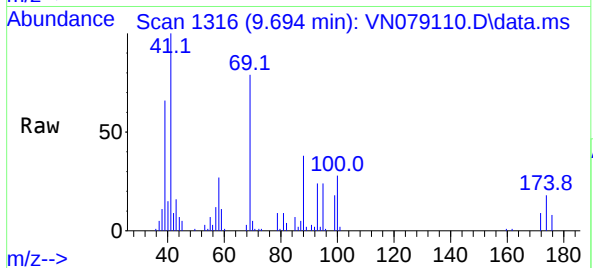
Ion	Ratio	Lower	Upper
88	100		
43	38.6	28.1	42.1
58	78.7	57.0	85.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2023

Supervised By :Mahesh Dadoda 09/01/2023



#46

Methyl methacrylate

Concen: 20.446 ug/l

RT: 9.688 min Scan# 1315

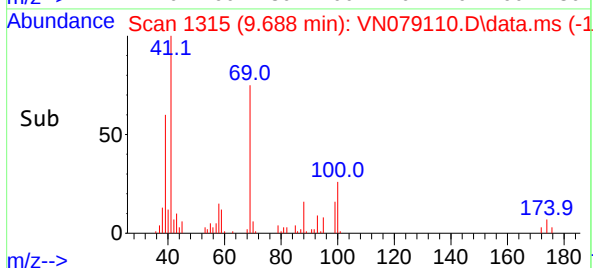
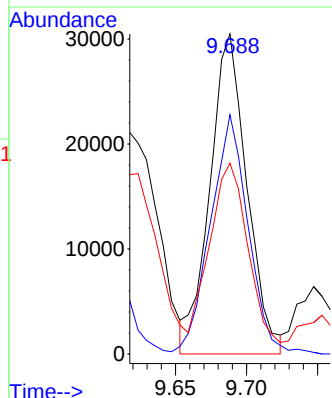
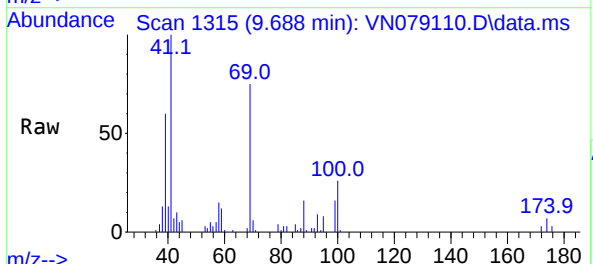
Delta R.T. 0.000 min

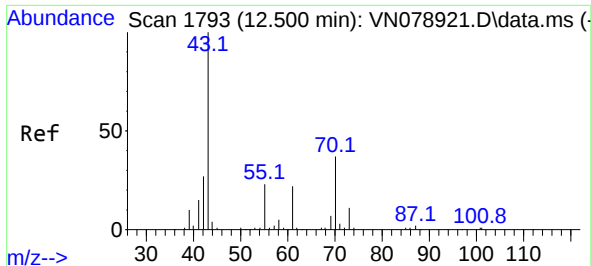
Lab File: VN079110.D

Acq: 30 Aug 2023 12:00

Tgt Ion: 41 Resp: 55401

Ion	Ratio	Lower	Upper
41	100		
69	77.0	38.5	115.5
39	59.5	35.9	107.8





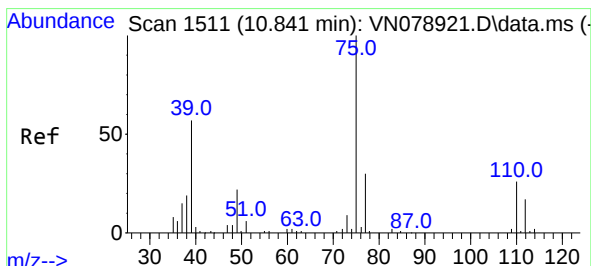
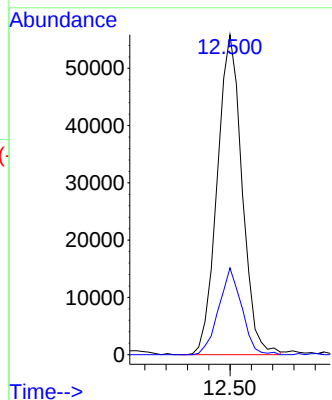
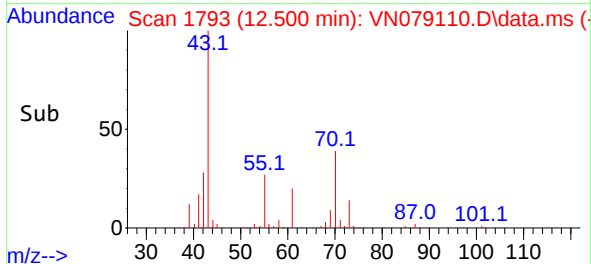
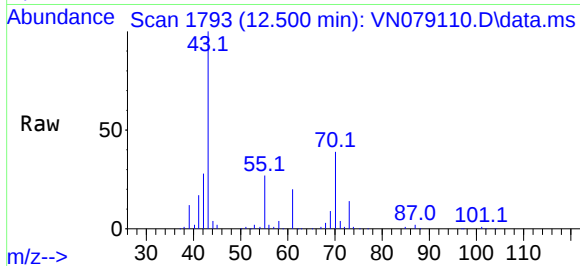
#47
n-amyl acetate
Concen: 19.168 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01

Tgt Ion: 43 Resp: 90463
Ion Ratio Lower Upper
43 100
55 24.9 17.5 26.3

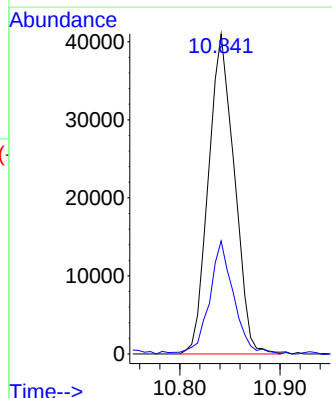
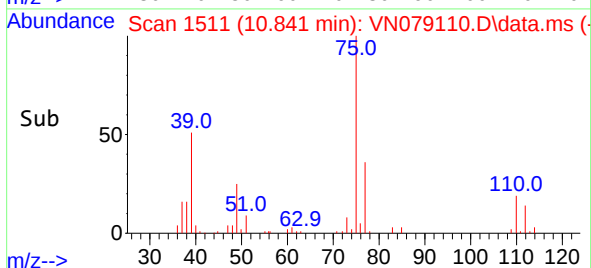
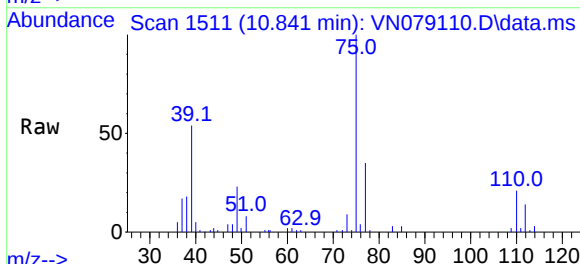
Manual Integrations
APPROVED

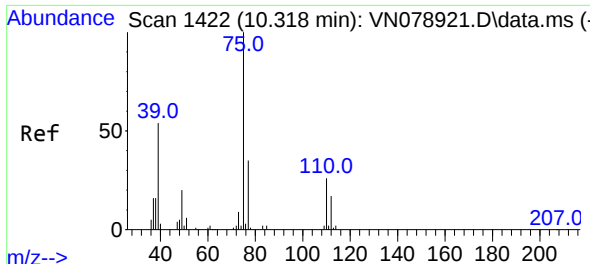
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#48
t-1,3-Dichloropropene
Concen: 20.715 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

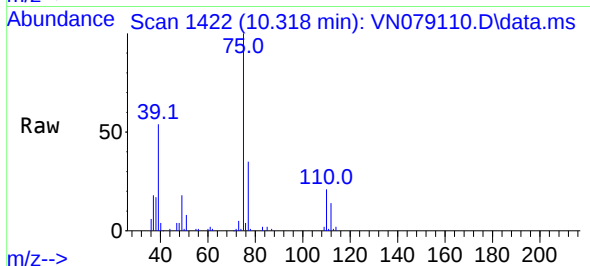
Tgt Ion: 75 Resp: 73778
Ion Ratio Lower Upper
75 100
77 35.3 23.7 35.5





#49
 cis-1,3-Dichloropropene
 Concen: 20.565 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079110.D
 Acq: 30 Aug 2023 12:00

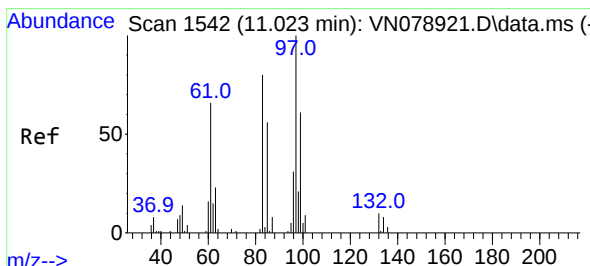
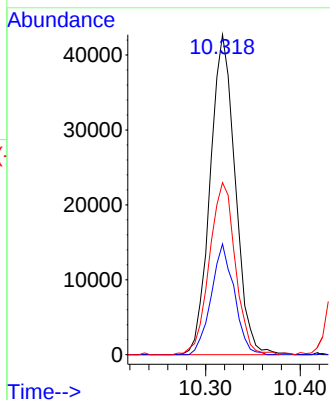
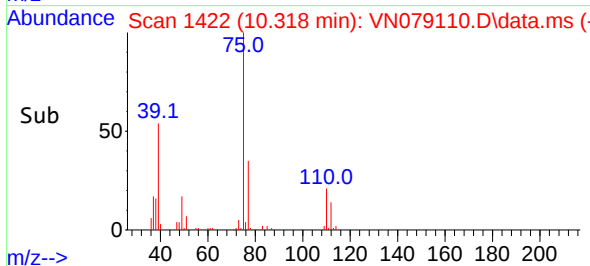
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0830WBS01



Tgt Ion: 75 Resp: 78538
 Ion Ratio Lower Upper
 75 100
 77 34.6 27.8 41.8
 39 53.7 43.5 65.3

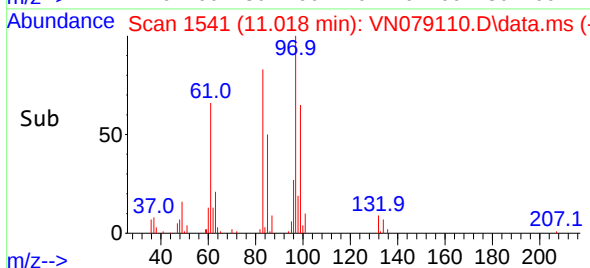
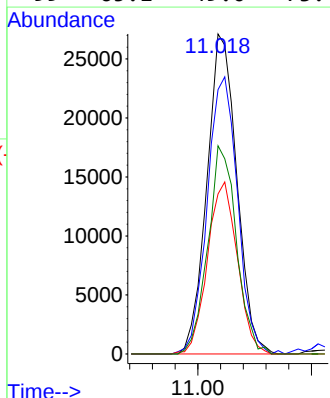
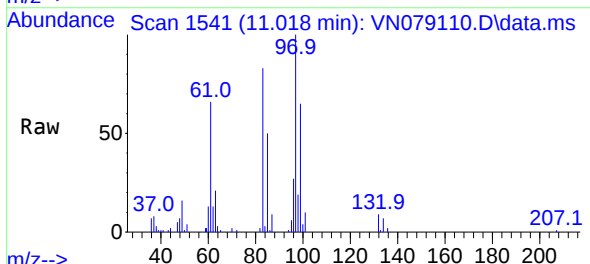
Manual Integrations
 APPROVED

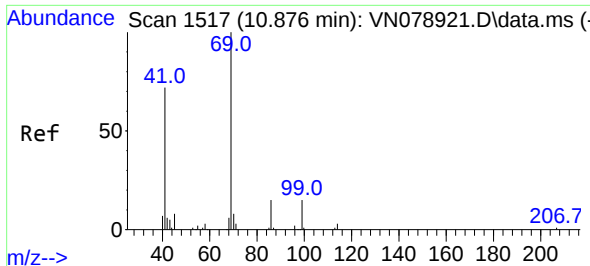
Reviewed By :John Carlone 08/31/2023
 Supervised By :Mahesh Dadoda 09/01/2023



#50
 1,1,2-Trichloroethane
 Concen: 22.079 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.006 min
 Lab File: VN079110.D
 Acq: 30 Aug 2023 12:00

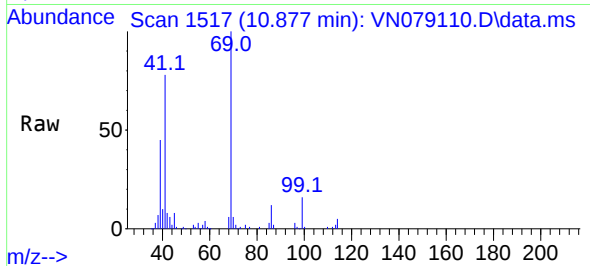
Tgt Ion: 97 Resp: 49615
 Ion Ratio Lower Upper
 97 100
 83 81.9 63.7 95.5
 85 50.0 44.9 67.3
 99 65.1 49.0 73.4





#51
Ethyl methacrylate
Concen: 19.851 ug/l
RT: 10.877 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

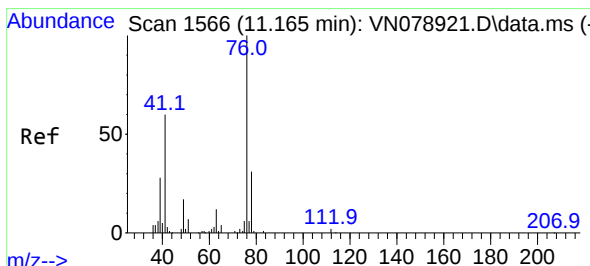
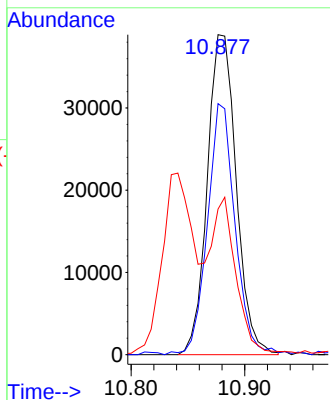
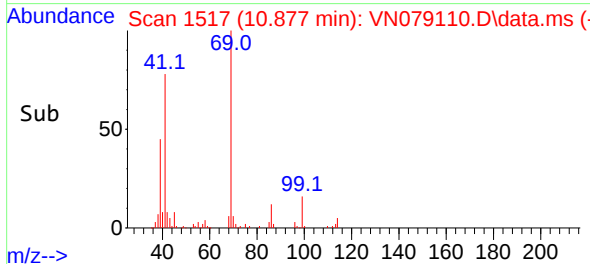
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01



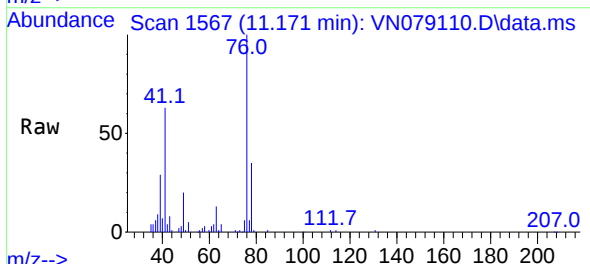
Tgt Ion: 69 Resp: 6904
Ion Ratio Lower Upper
69 100
41 77.8 35.9 107.8
39 44.5 23.5 70.5

Manual Integrations
APPROVED

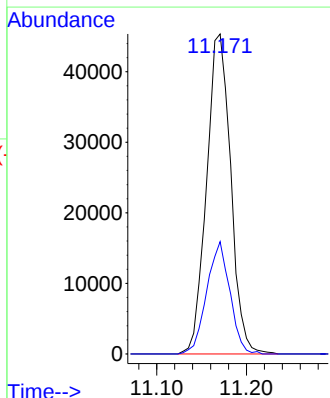
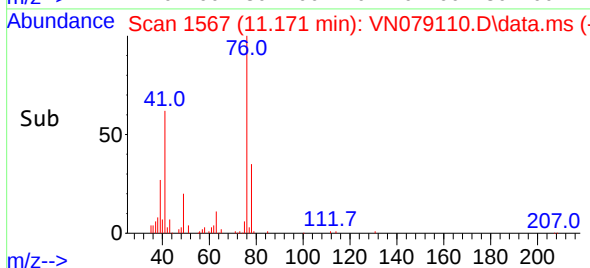
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

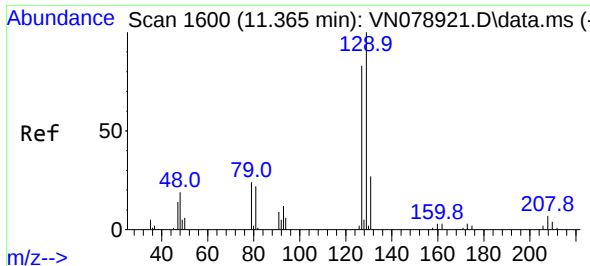


#52
1,3-Dichloropropane
Concen: 21.070 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00



Tgt Ion: 76 Resp: 84802
Ion Ratio Lower Upper
76 100
78 33.5 0.0 64.6





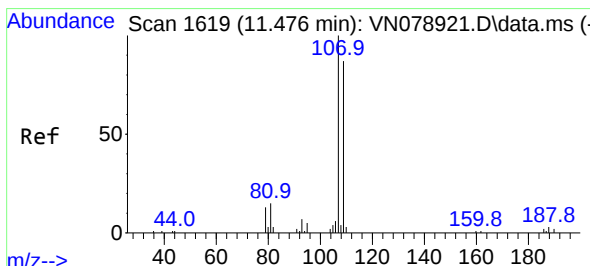
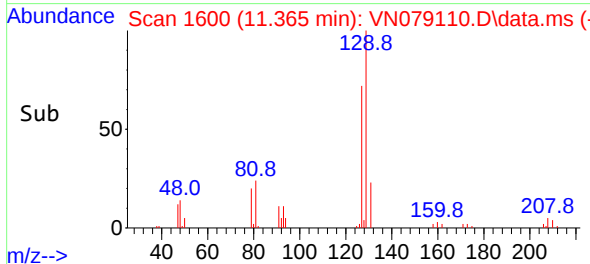
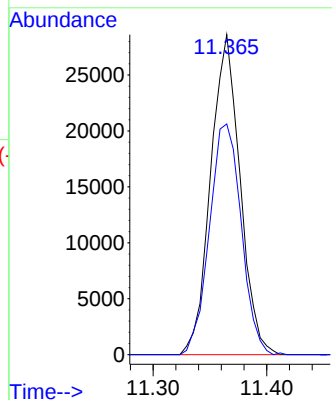
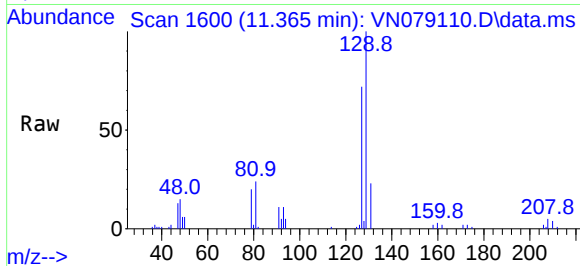
#53
Dibromochloromethane
Concen: 20.910 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01

Tgt Ion:129 Resp: 51420
Ion Ratio Lower Upper
129 100
127 77.9 40.1 120.2

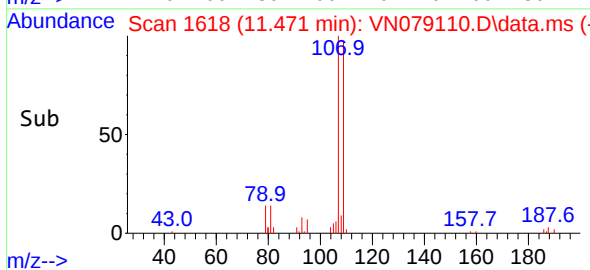
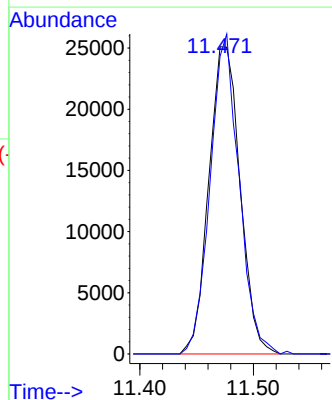
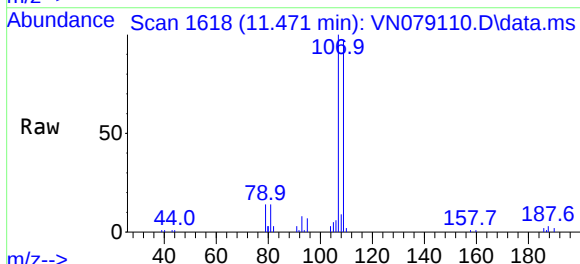
Manual Integrations
APPROVED

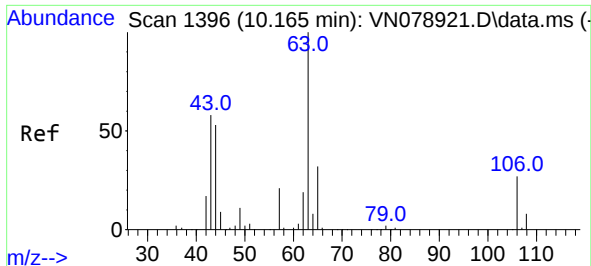
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#54
1,2-Dibromoethane
Concen: 20.819 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

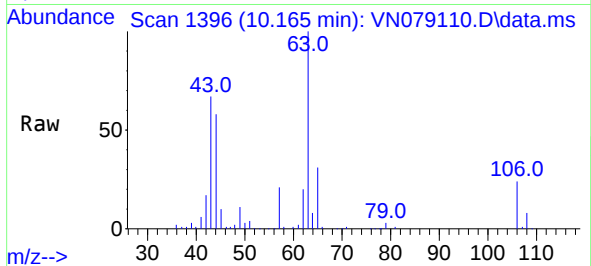
Tgt Ion:107 Resp: 48030
Ion Ratio Lower Upper
107 100
109 96.2 71.7 107.5





#55
2-Chloroethyl vinyl ether
Concen: 103.946 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

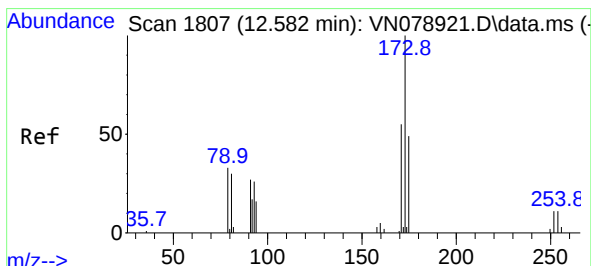
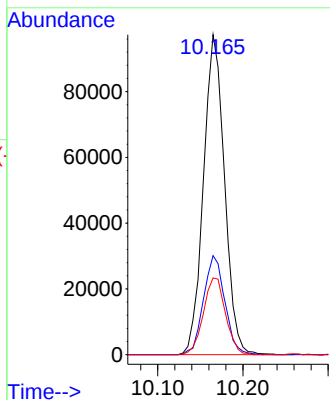
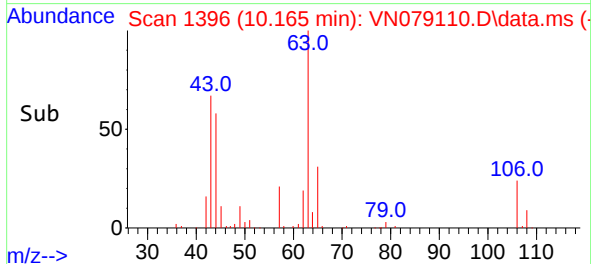
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01



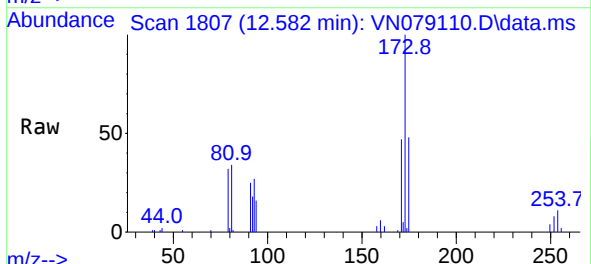
Tgt Ion: 63 Resp: 16710
Ion Ratio Lower Upper
63 100
65 31.4 25.4 38.2
106 25.2 22.3 33.5

Manual Integrations
APPROVED

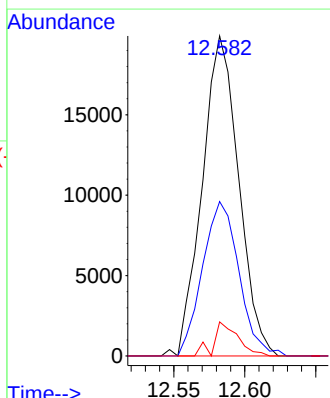
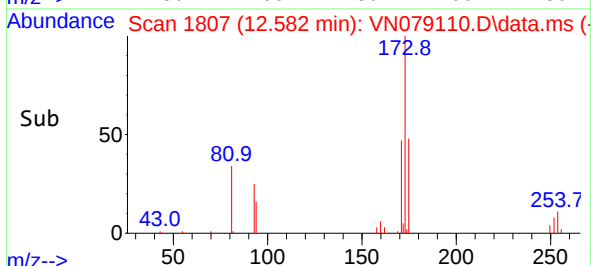
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

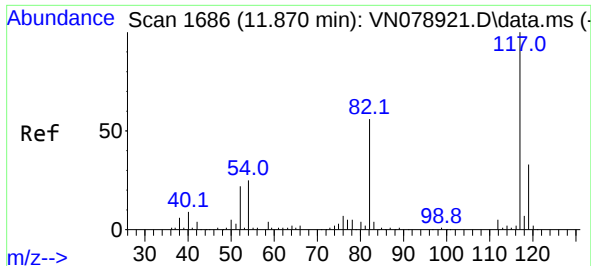


#56
Bromoform
Concen: 20.432 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00



Tgt Ion:173 Resp: 35454
Ion Ratio Lower Upper
173 100
175 48.3 38.8 58.2
254 6.2 7.6 11.4#





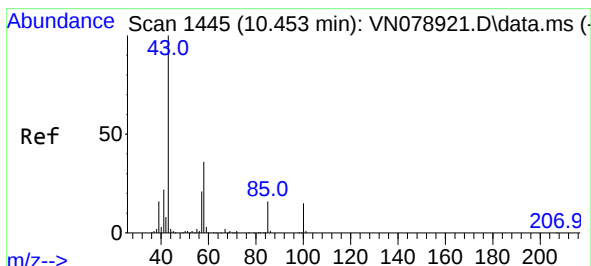
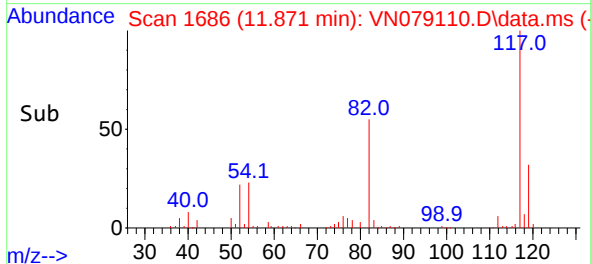
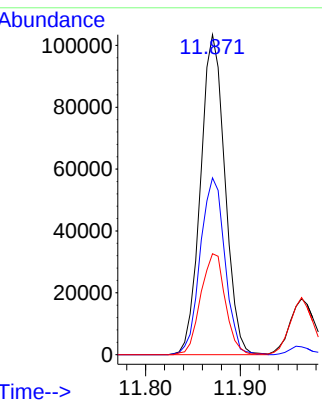
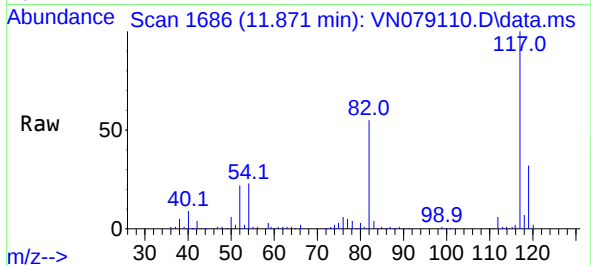
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01

Tgt Ion:117 Resp: 185004
Ion Ratio Lower Upper
117 100
82 55.7 43.4 65.0
119 31.8 25.5 38.3

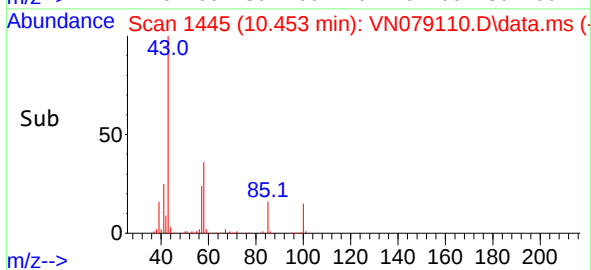
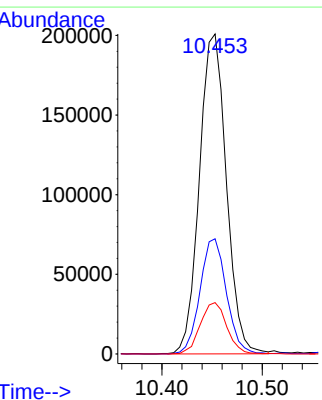
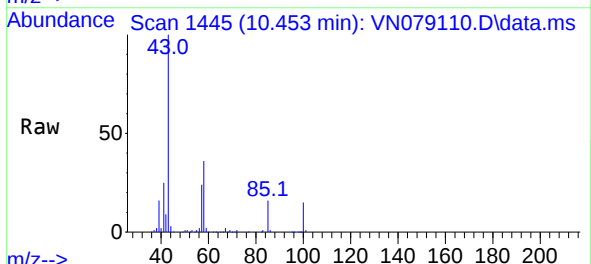
Manual Integrations
APPROVED

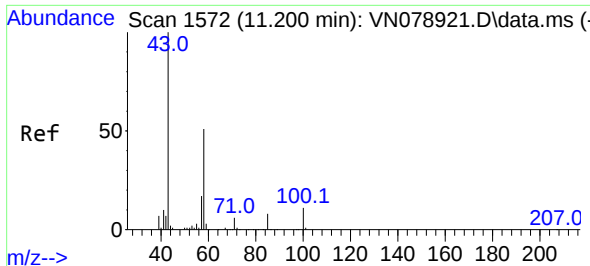
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#58
4-Methyl-2-Pentanone
Concen: 102.335 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

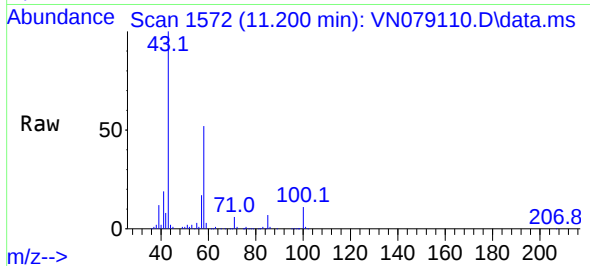
Tgt Ion: 43 Resp: 375626
Ion Ratio Lower Upper
43 100
58 35.3 28.8 43.2
85 15.8 12.7 19.1





#59
2-Hexanone
Concen: 101.146 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

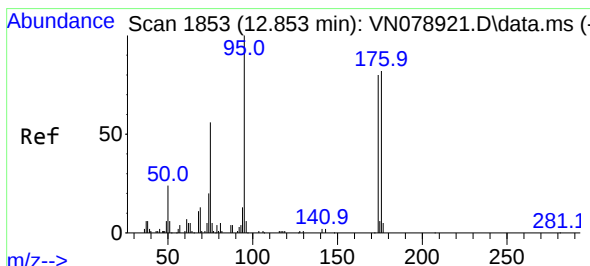
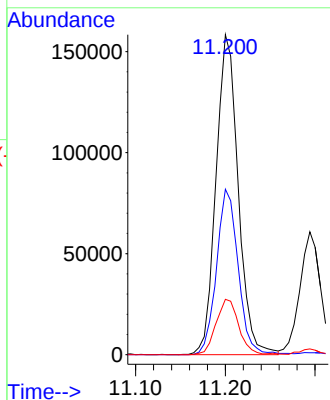
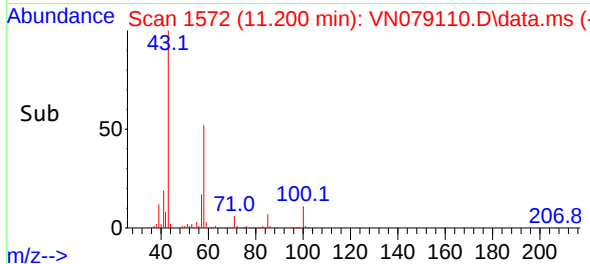
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01



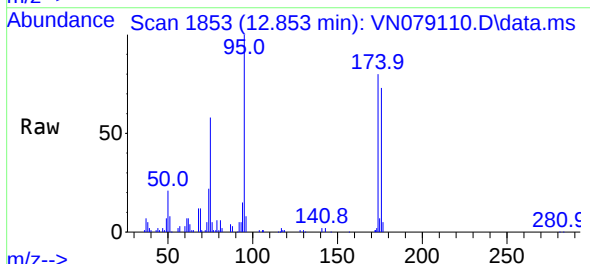
Tgt Ion: 43 Resp: 27201
Ion Ratio Lower Upper
43 100
58 50.0 40.6 60.8
57 17.6 13.6 20.4

Manual Integrations
APPROVED

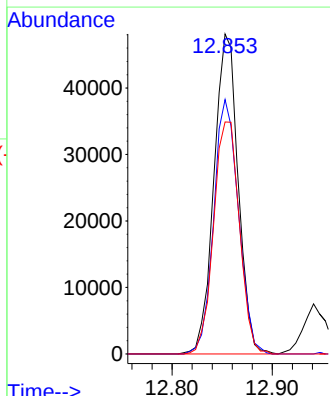
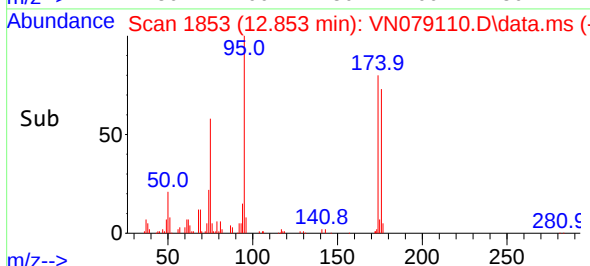
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

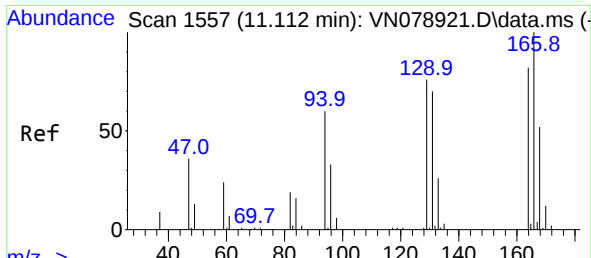


#60
4-Bromofluorobenzene
Concen: 29.886 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00



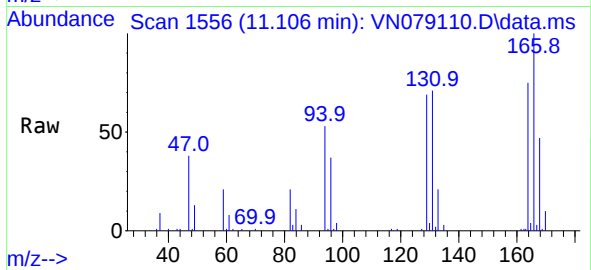
Tgt Ion: 95 Resp: 80652
Ion Ratio Lower Upper
95 100
174 81.3 64.8 97.2
176 77.4 63.0 94.6





#61
Tetrachloroethene
Concen: 20.965 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

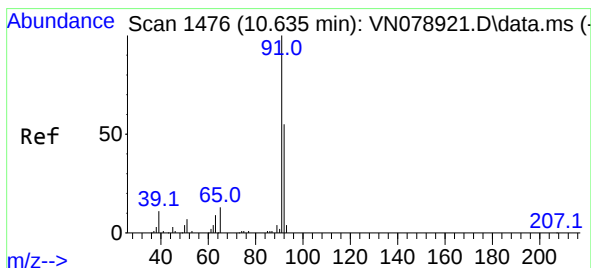
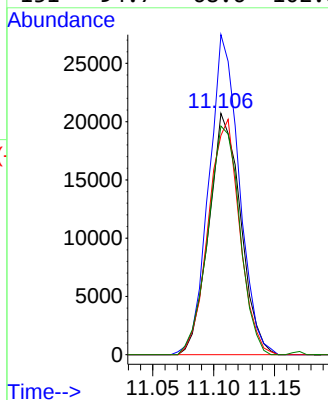
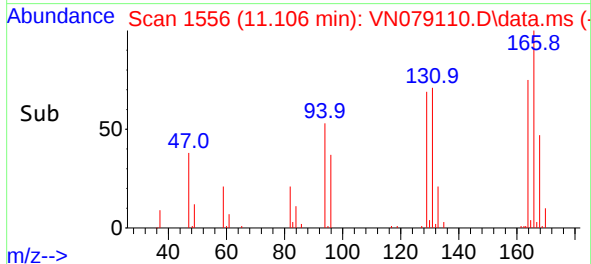
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01



Tgt Ion:164 Resp: 3755
Ion Ratio Lower Upper
164 100
166 132.6 97.6 146.4
129 90.8 74.1 111.1
131 94.7 68.6 102.8

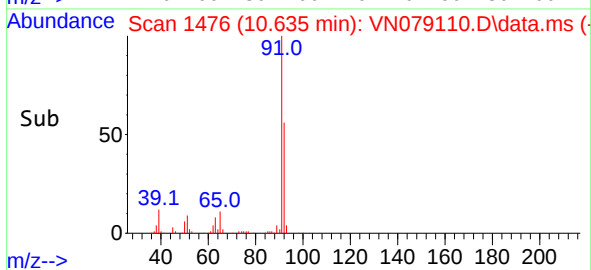
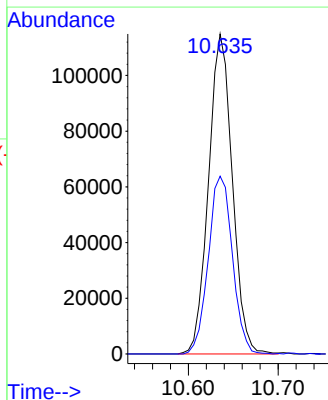
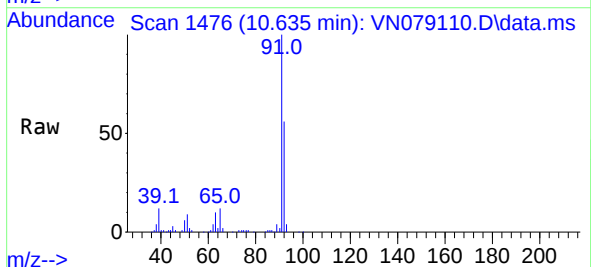
Manual Integrations
APPROVED

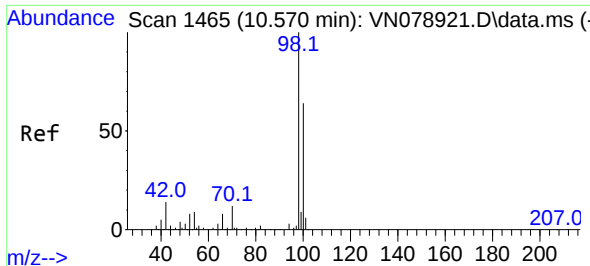
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#62
Toluene
Concen: 20.964 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

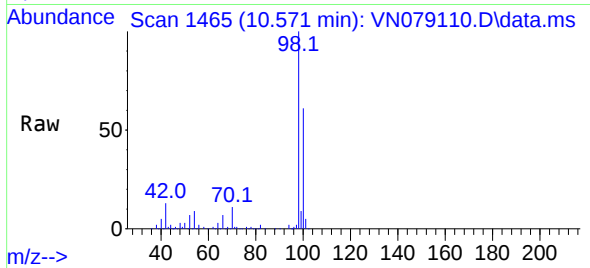
Tgt Ion: 91 Resp: 211741
Ion Ratio Lower Upper
91 100
92 56.3 44.7 67.1





#63
Toluene-d8
Concen: 31.557 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

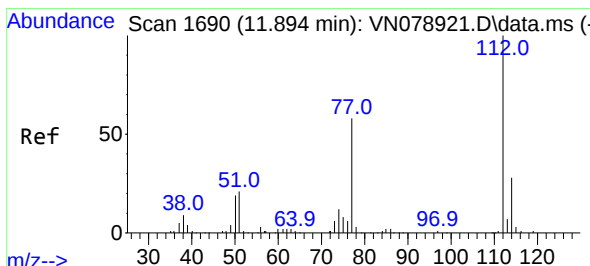
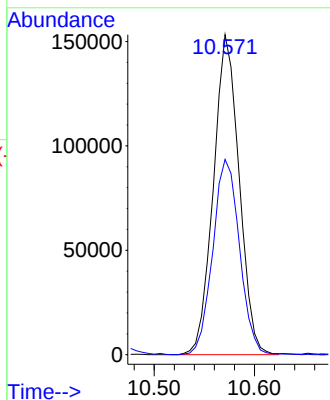
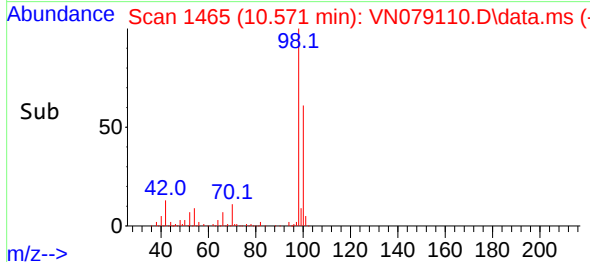
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01



Tgt Ion: 98 Resp: 272633
Ion Ratio Lower Upper
98 100
100 63.4 51.1 76.7

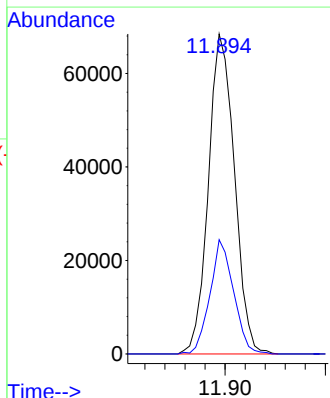
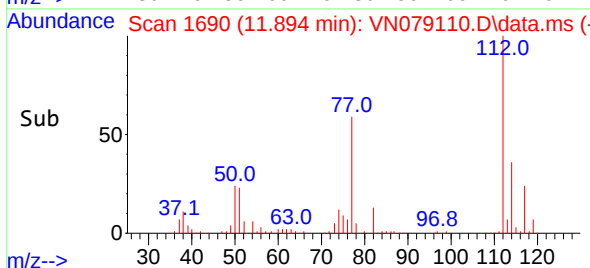
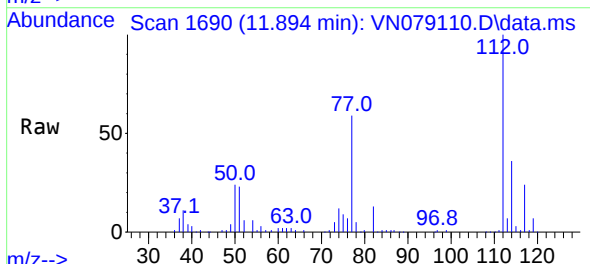
Manual Integrations
APPROVED

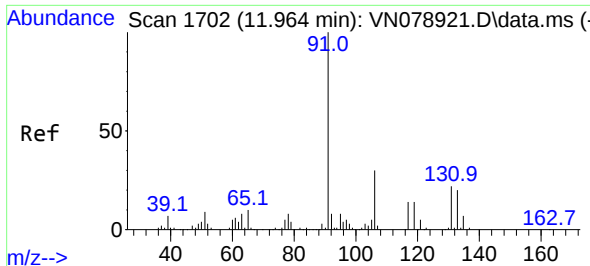
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#64
Chlorobenzene
Concen: 20.342 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

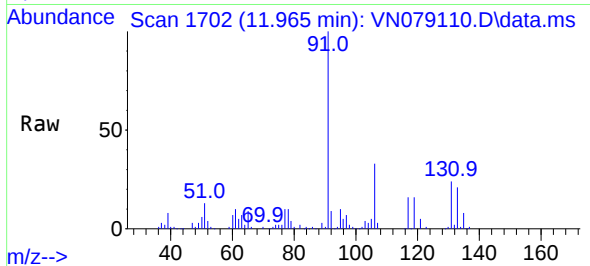
Tgt Ion:112 Resp: 123533
Ion Ratio Lower Upper
112 100
114 35.7 22.4 33.6#





#65
1,1,1,2-Tetrachloroethane
Concen: 20.561 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

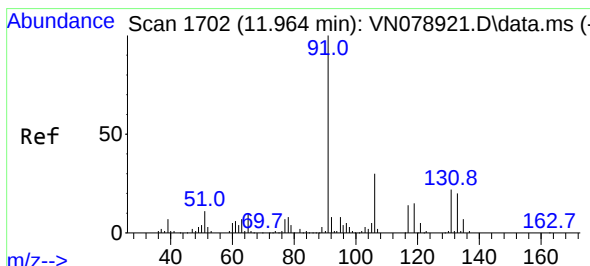
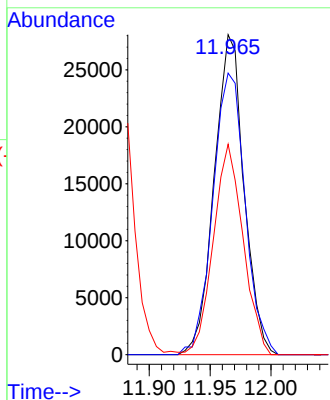
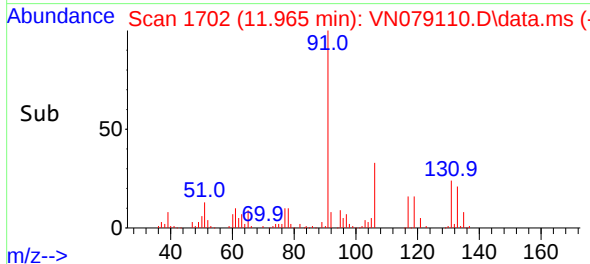
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01



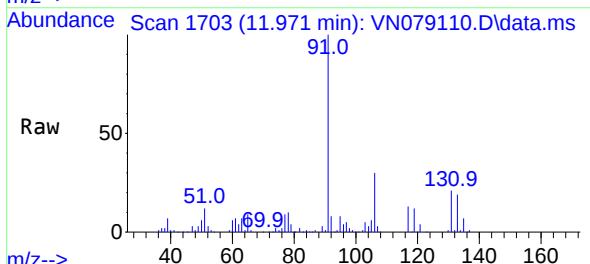
Tgt Ion:131 Resp: 4774
Ion Ratio Lower Upper
131 100
133 95.4 0.0 184.8
119 65.8 0.0 133.4

Manual Integrations
APPROVED

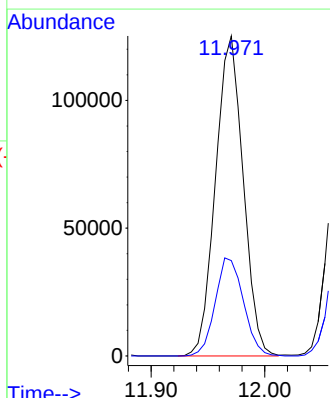
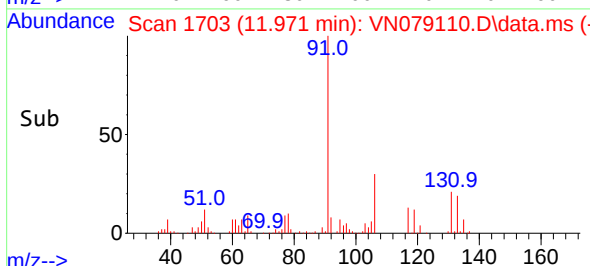
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

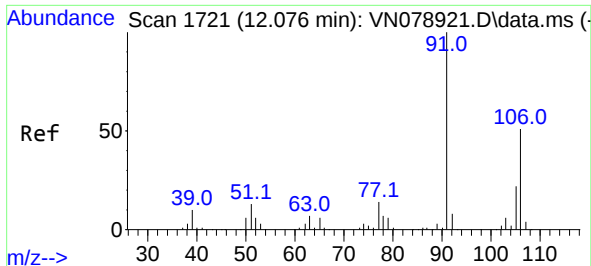


#66
Ethyl Benzene
Concen: 20.029 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00



Tgt Ion: 91 Resp: 211607
Ion Ratio Lower Upper
91 100
106 29.8 24.1 36.1





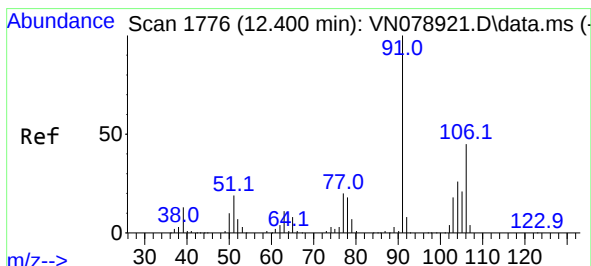
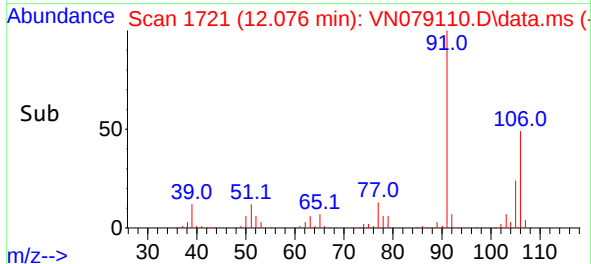
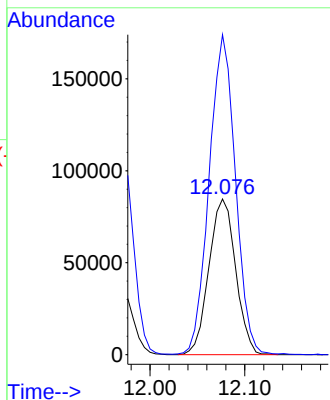
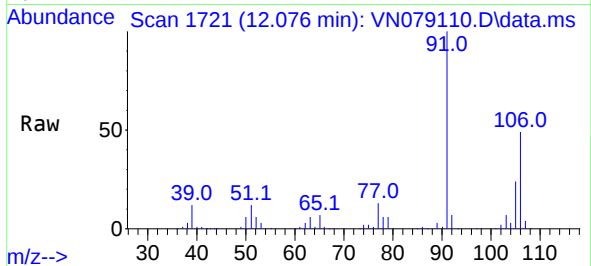
#67
m/p-Xylenes
Concen: 42.158 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01

Tgt Ion:106 Resp: 166069
Ion Ratio Lower Upper
106 100
91 201.6 161.2 241.8

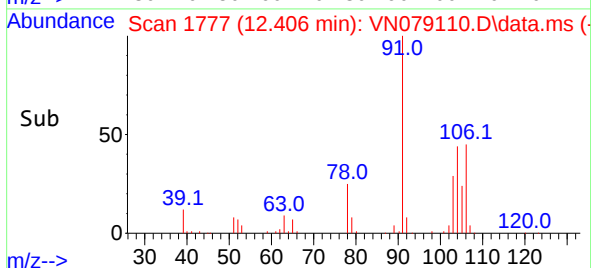
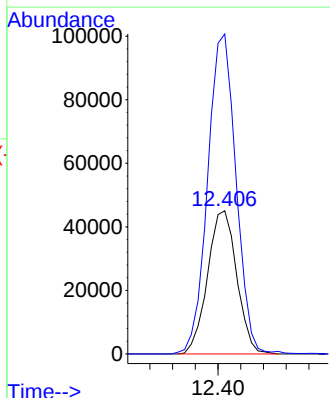
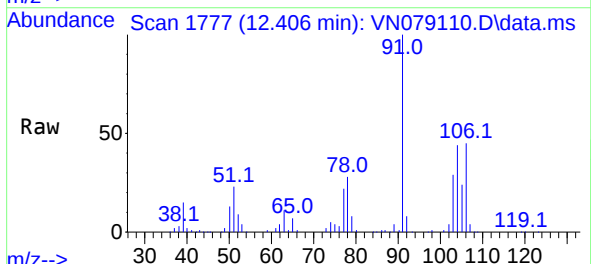
Manual Integrations
APPROVED

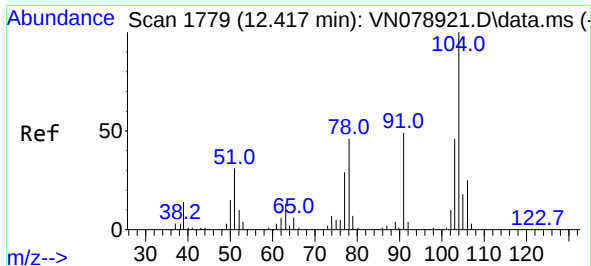
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#68
o-Xylene
Concen: 20.697 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

Tgt Ion:106 Resp: 80389
Ion Ratio Lower Upper
106 100
91 216.6 109.0 327.0





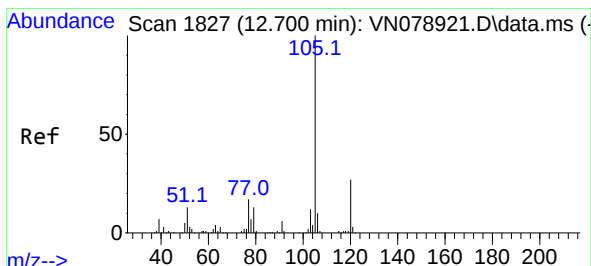
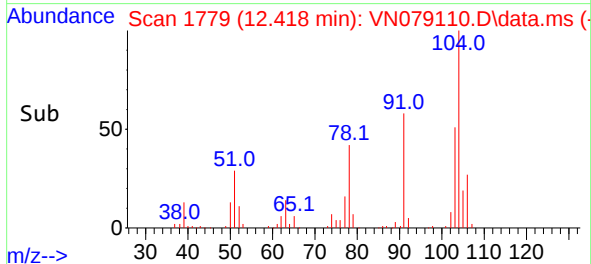
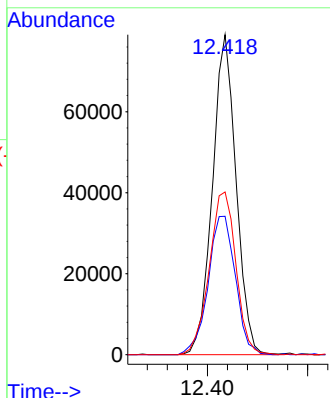
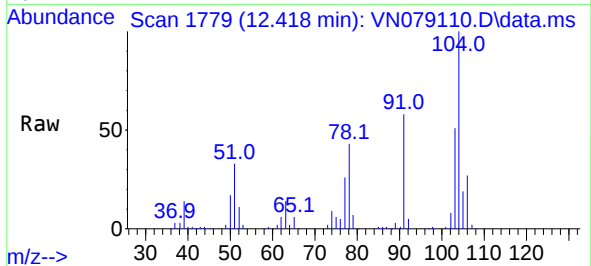
#69
Styrene
Concen: 20.526 ug/l
RT: 12.418 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01

Tgt Ion:104 Resp: 129544
Ion Ratio Lower Upper
104 100
78 49.8 40.2 60.4
103 57.4 43.2 64.8

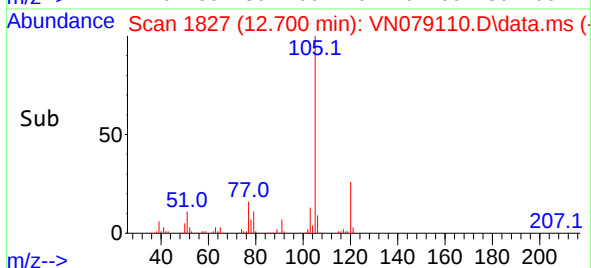
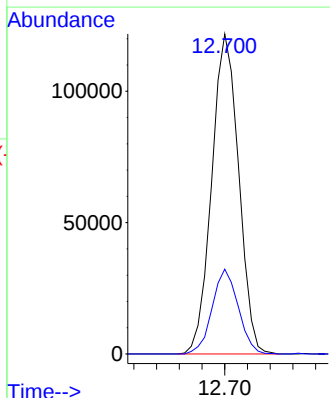
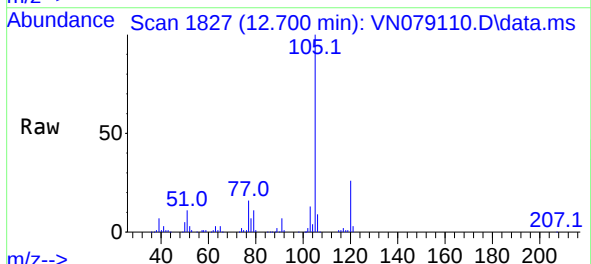
Manual Integrations
APPROVED

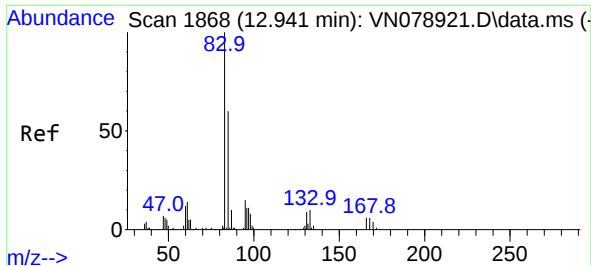
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#70
Isopropylbenzene
Concen: 21.328 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

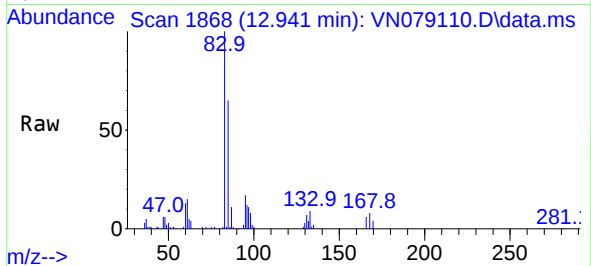
Tgt Ion:105 Resp: 200723
Ion Ratio Lower Upper
105 100
120 25.6 19.1 35.5





#71
1,1,2,2-Tetrachloroethane
Concen: 21.235 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

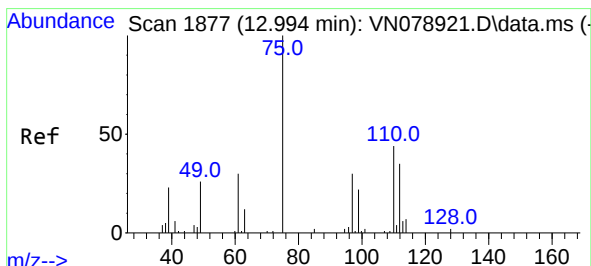
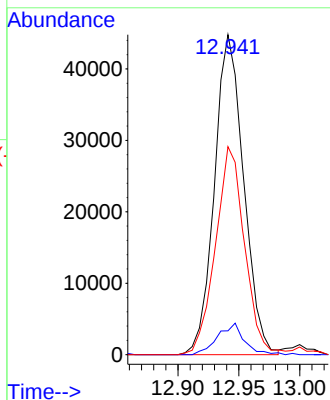
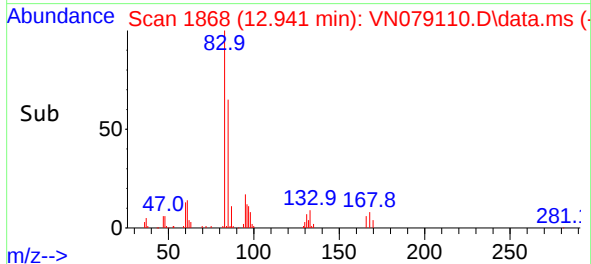
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01



Tgt Ion: 83 Resp: 74910
Ion Ratio Lower Upper
83 100
131 8.9 4.7 14.0
85 64.1 31.9 95.7

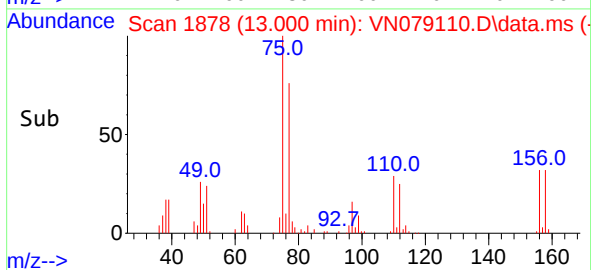
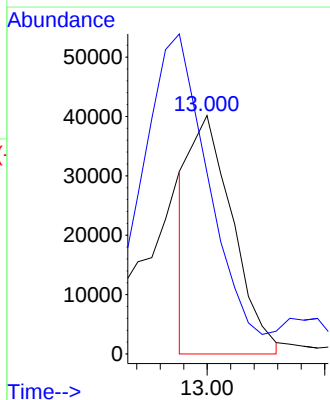
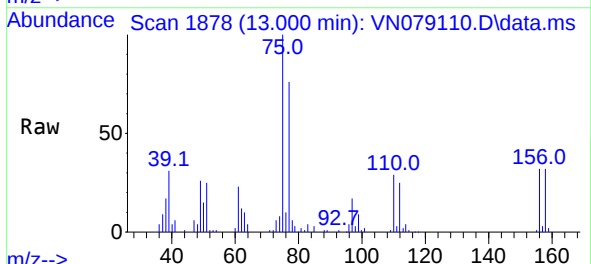
Manual Integrations
APPROVED

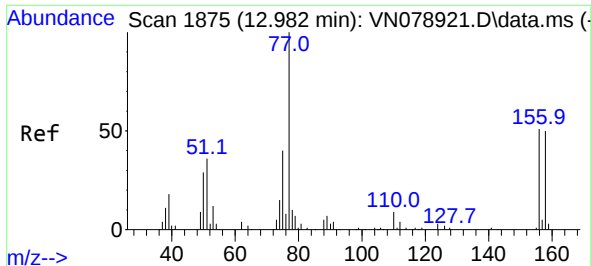
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#72
1,2,3-Trichloropropane
Concen: 17.562 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

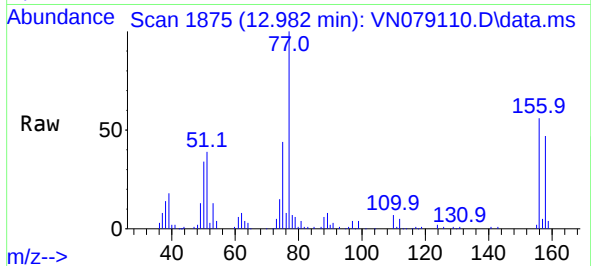
Tgt Ion: 75 Resp: 50830
Ion Ratio Lower Upper
75 100
77 212.3 0.0 367.4





#73
Bromobenzene
Concen: 20.687 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

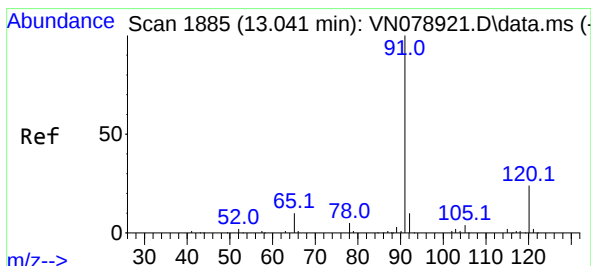
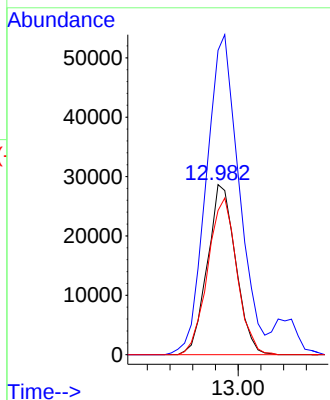
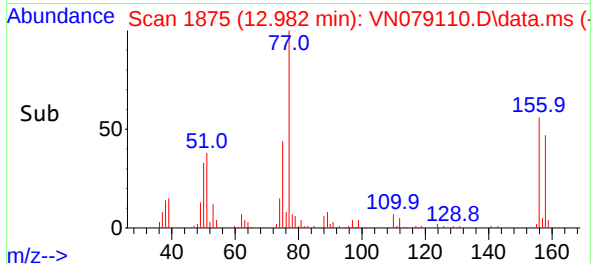
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01



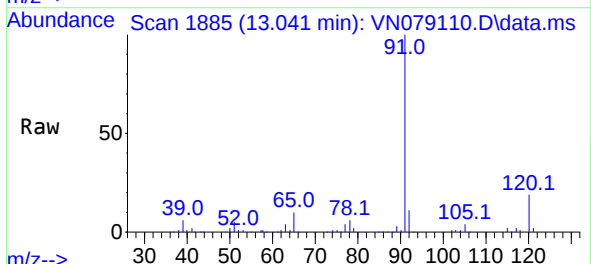
Tgt Ion:156 Resp: 4956
Ion Ratio Lower Upper
156 100
77 217.7 0.0 431.0
158 94.9 0.0 196.8

Manual Integrations
APPROVED

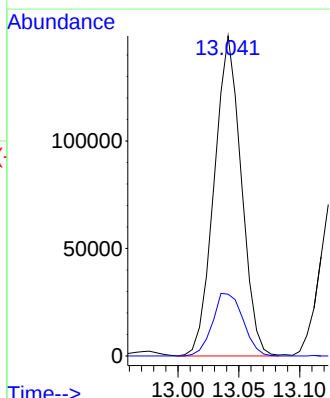
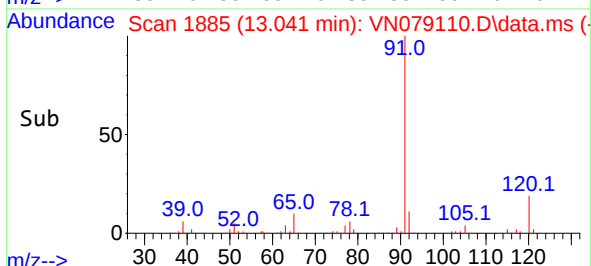
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

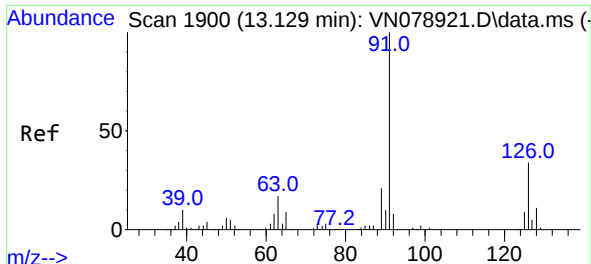


#74
n-propylbenzene
Concen: 21.624 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00



Tgt Ion: 91 Resp: 230638
Ion Ratio Lower Upper
91 100
120 22.0 0.0 44.4





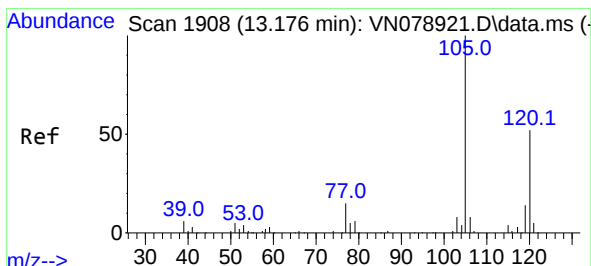
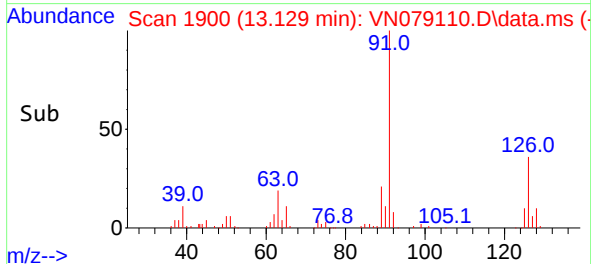
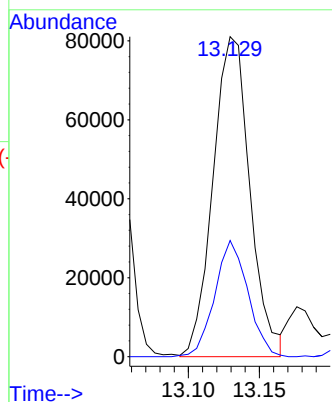
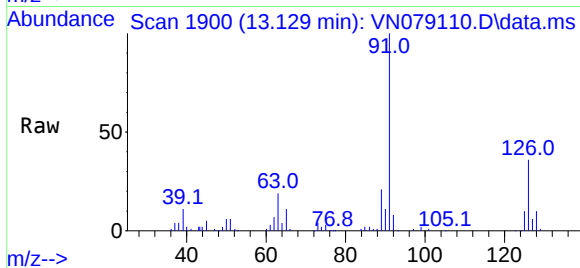
#75
2-Chlorotoluene
Concen: 21.646 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01

Tgt Ion: 91 Resp: 146460
Ion Ratio Lower Upper
91 100
126 32.6 0.0 67.2

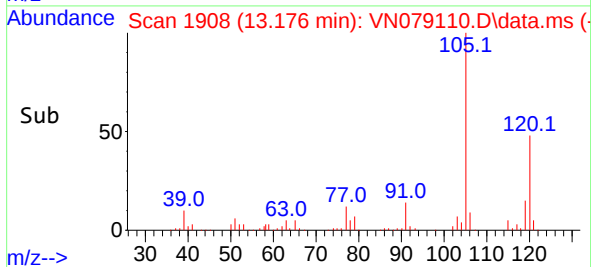
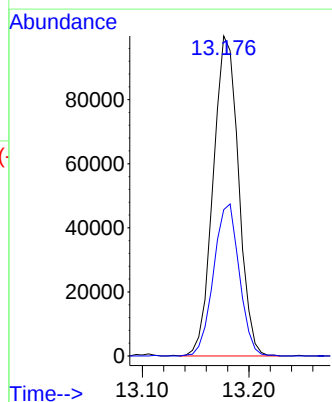
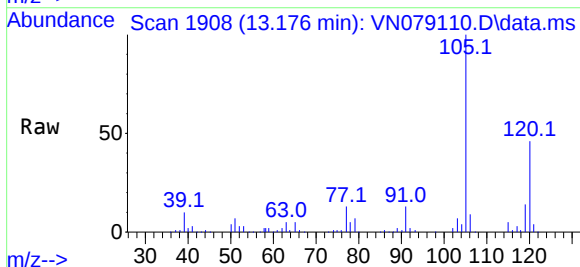
Manual Integrations
APPROVED

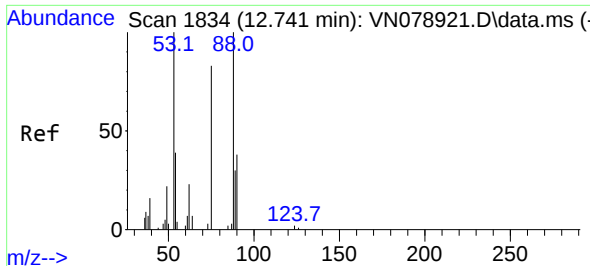
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#76
1,3,5-Trimethylbenzene
Concen: 22.098 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

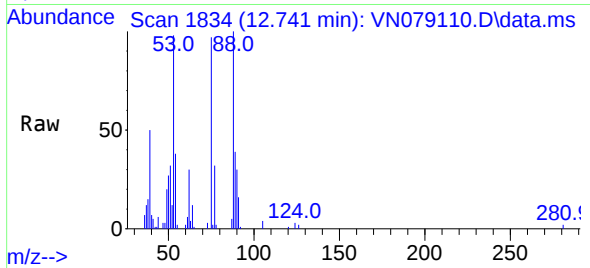
Tgt Ion:105 Resp: 164855
Ion Ratio Lower Upper
105 100
120 48.2 0.0 98.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.989 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

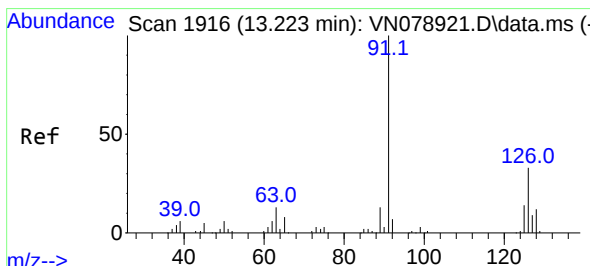
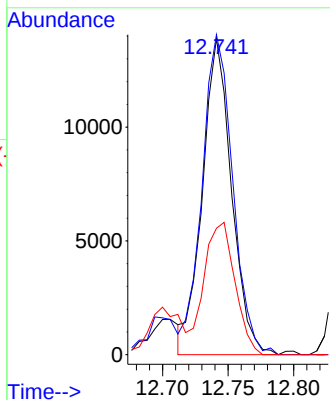
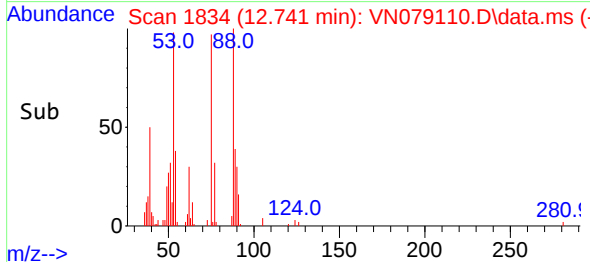
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01



Tgt Ion: 75 Resp: 21499
Ion Ratio Lower Upper
75 100
53 101.2 60.1 180.3
89 40.0 22.9 68.8

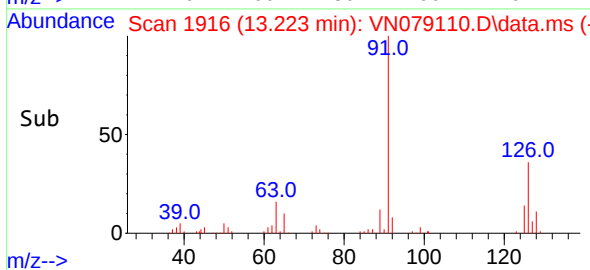
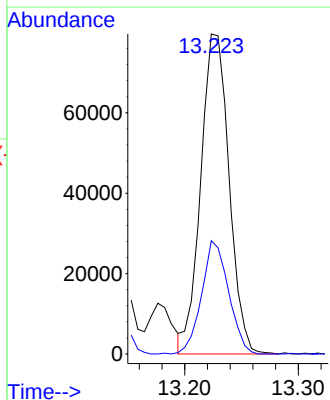
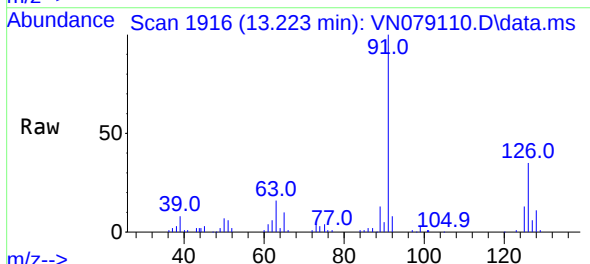
Manual Integrations
APPROVED

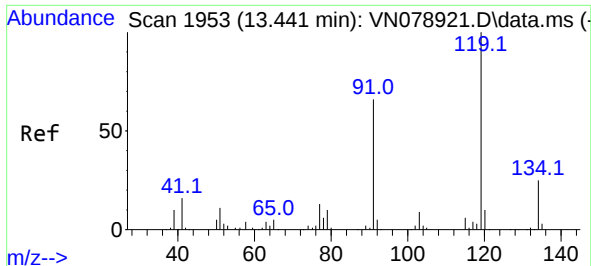
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#78
4-Chlorotoluene
Concen: 21.314 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

Tgt Ion: 91 Resp: 138163
Ion Ratio Lower Upper
91 100
126 33.6 0.0 67.4





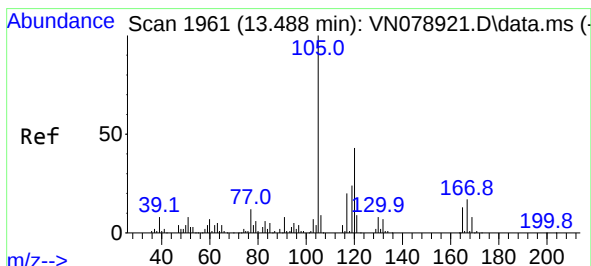
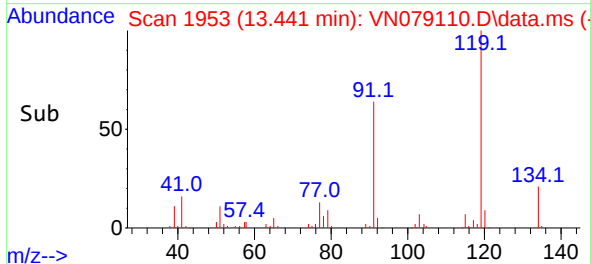
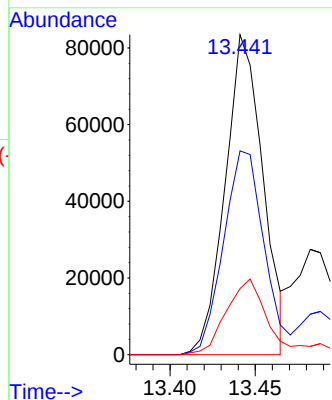
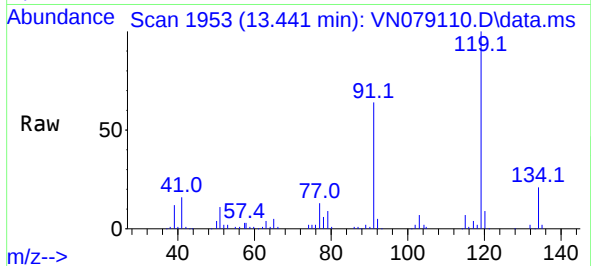
#79
tert-butylbenzene
Concen: 20.427 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01

Tgt Ion:119 Resp: 128776
Ion Ratio Lower Upper
119 100
91 68.5 0.0 135.6
134 24.5 0.0 51.4

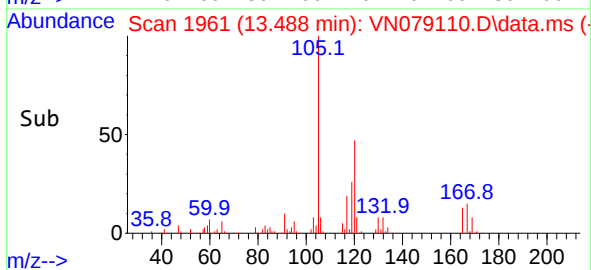
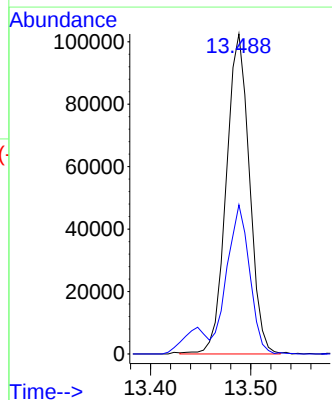
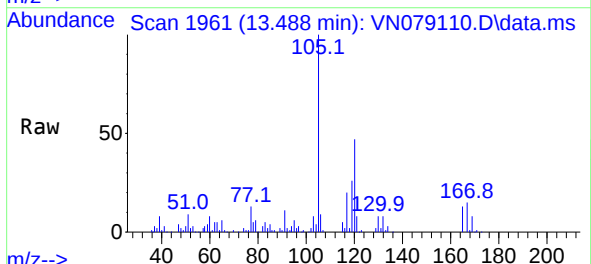
Manual Integrations
APPROVED

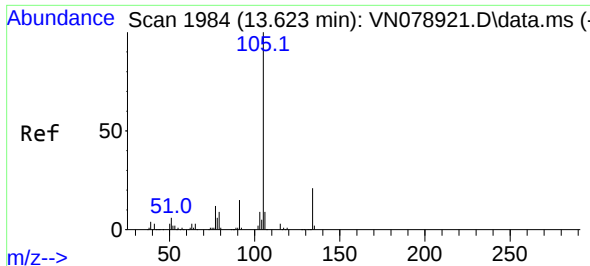
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#80
1,2,4-Trimethylbenzene
Concen: 22.443 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

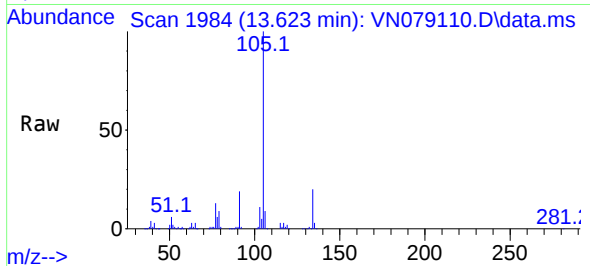
Tgt Ion:105 Resp: 164634
Ion Ratio Lower Upper
105 100
120 45.5 0.0 91.6





#81
 sec-Butylbenzene
 Concen: 22.077 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079110.D
 Acq: 30 Aug 2023 12:00

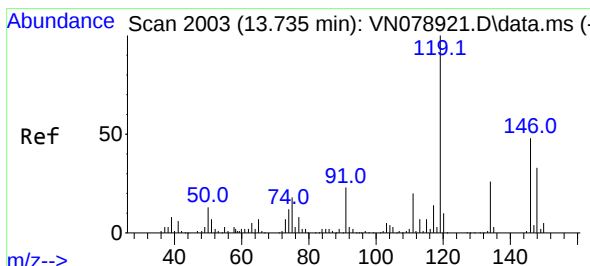
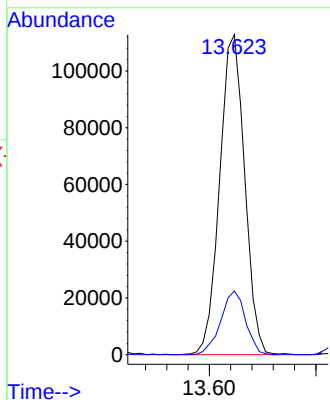
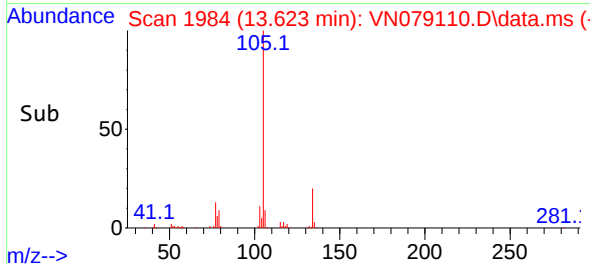
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0830WBS01



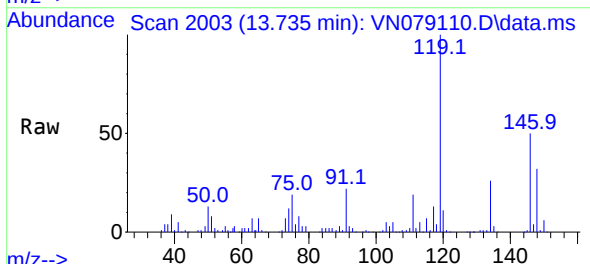
Tgt Ion:105 Resp: 183670
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 41.6

Manual Integrations
 APPROVED

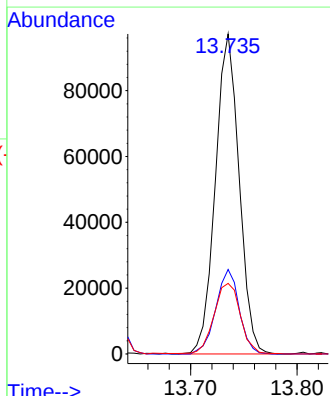
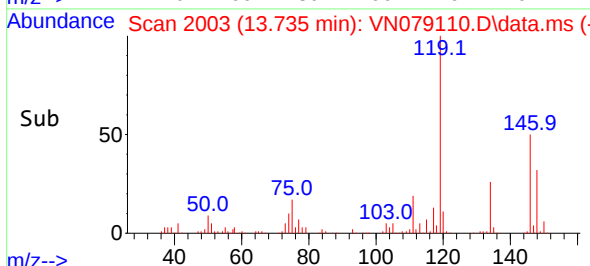
Reviewed By :John Carlone 08/31/2023
 Supervised By :Mahesh Dadoda 09/01/2023

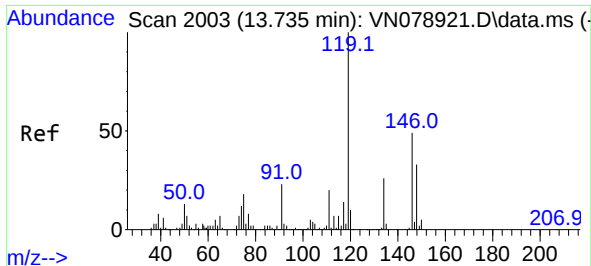


#82
 p-Isopropyltoluene
 Concen: 22.123 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079110.D
 Acq: 30 Aug 2023 12:00



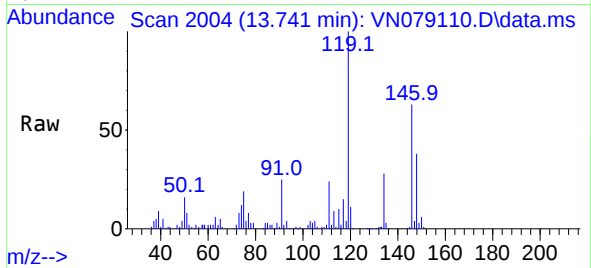
Tgt Ion:119 Resp: 150276
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 52.4
 91 24.5 0.0 47.4





#83
1,3-Dichlorobenzene
Concen: 21.850 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

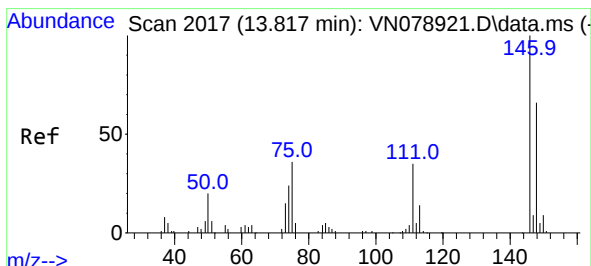
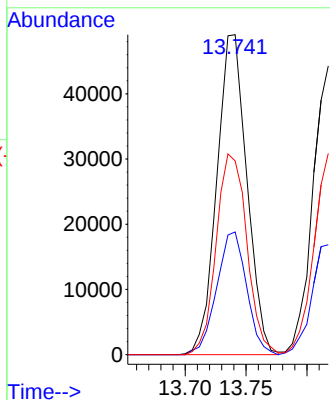
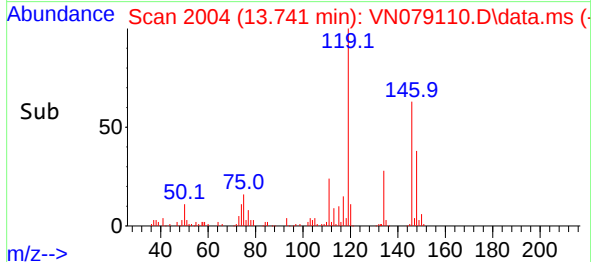
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01



Tgt Ion:146 Resp: 84480
Ion Ratio Lower Upper
146 100
111 38.1 21.2 63.6
148 63.9 33.1 99.5

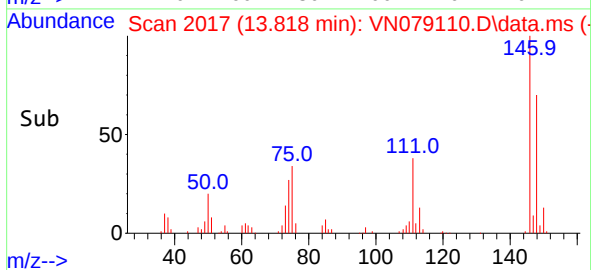
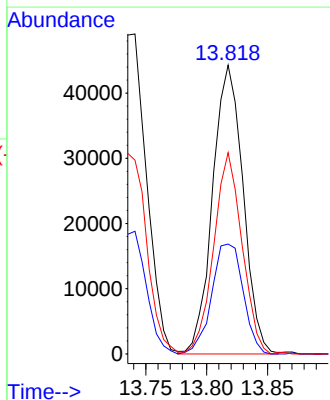
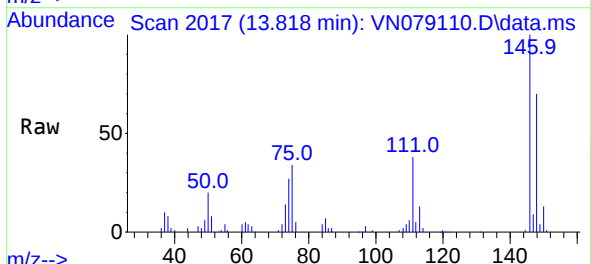
Manual Integrations
APPROVED

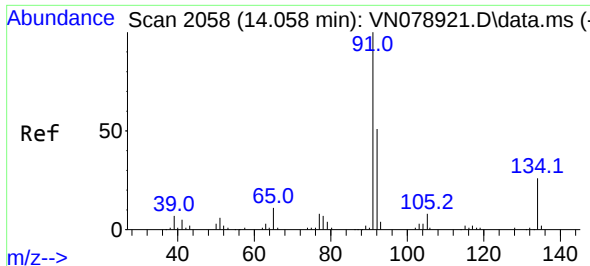
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#84
1,4-Dichlorobenzene
Concen: 20.298 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

Tgt Ion:146 Resp: 77055
Ion Ratio Lower Upper
146 100
111 39.4 18.6 56.0
148 64.7 32.0 96.2





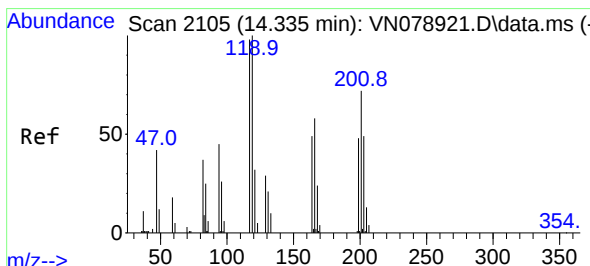
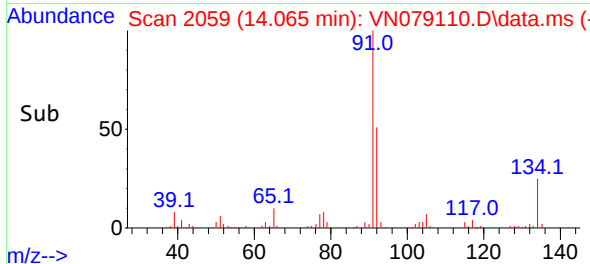
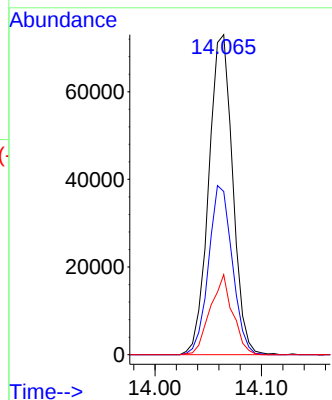
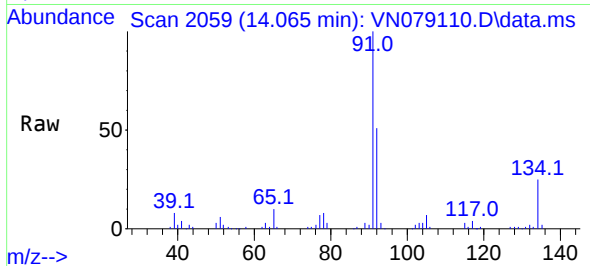
#85
n-Butylbenzene
Concen: 21.387 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01

Tgt Ion: 91 Resp: 11426
Ion Ratio Lower Upper
91 100
92 52.4 0.0 102.8
134 23.5 0.0 48.6

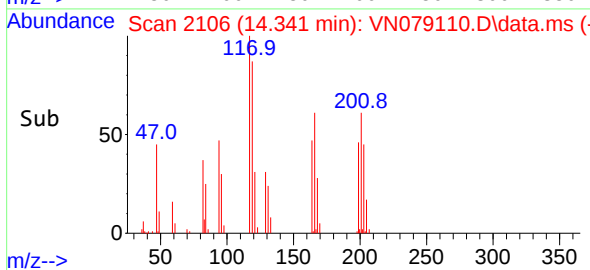
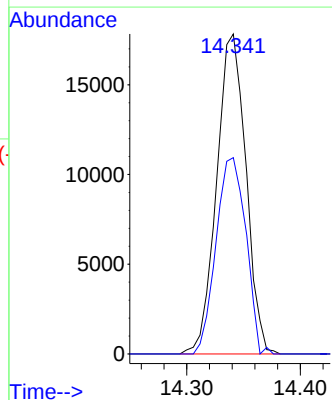
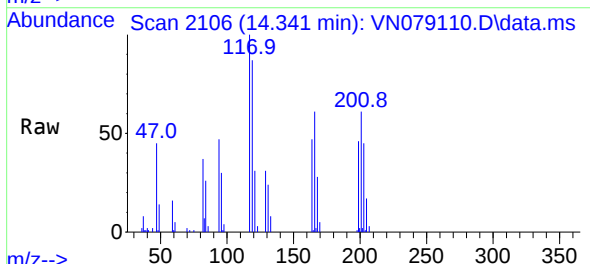
Manual Integrations
APPROVED

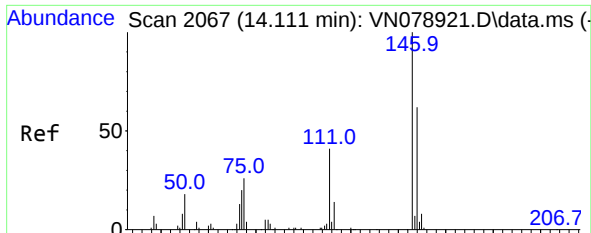
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#86
Hexachloroethane
Concen: 22.977 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

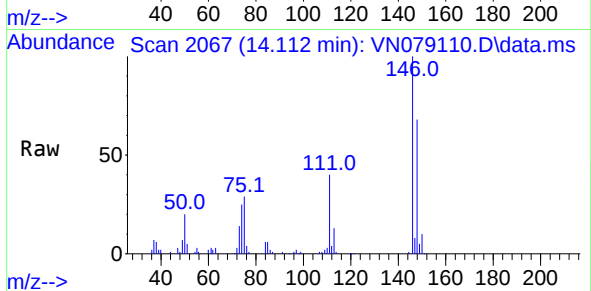
Tgt Ion:117 Resp: 31935
Ion Ratio Lower Upper
117 100
201 62.0 36.6 109.8





#87
1,2-Dichlorobenzene
Concen: 21.254 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

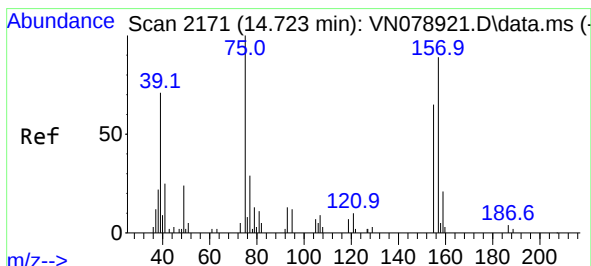
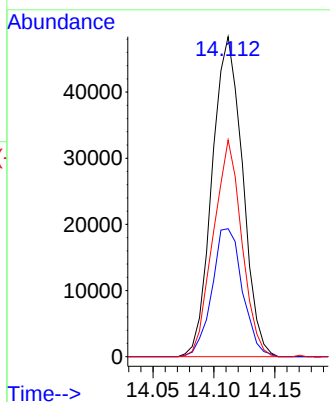
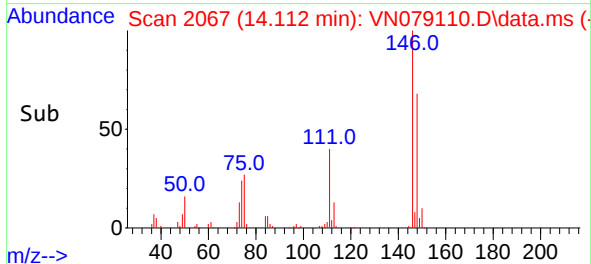
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01



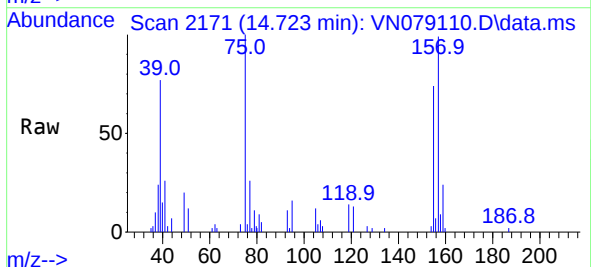
Tgt Ion:146 Resp: 8417
Ion Ratio Lower Upper
146 100
111 40.1 20.3 60.8
148 63.5 32.0 96.2

Manual Integrations
APPROVED

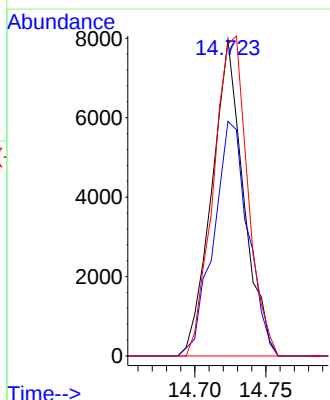
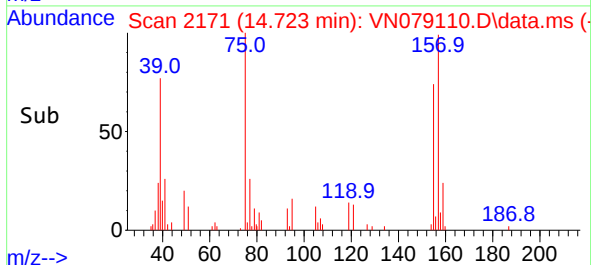
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

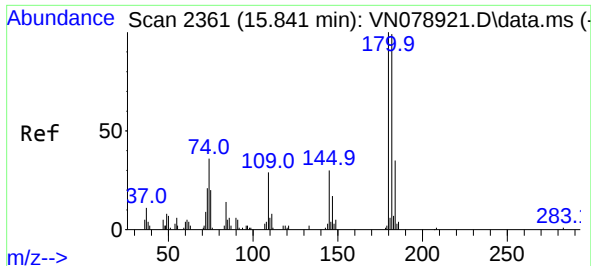


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.613 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00



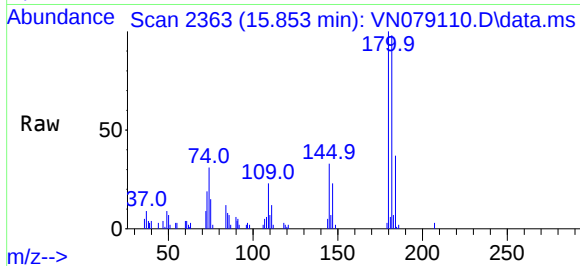
Tgt Ion: 75 Resp: 12419
Ion Ratio Lower Upper
75 100
155 80.5 61.1 91.7
157 108.5 79.8 119.6





#89
1,2,4-Trichlorobenzene
Concen: 18.692 ug/l
RT: 15.853 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

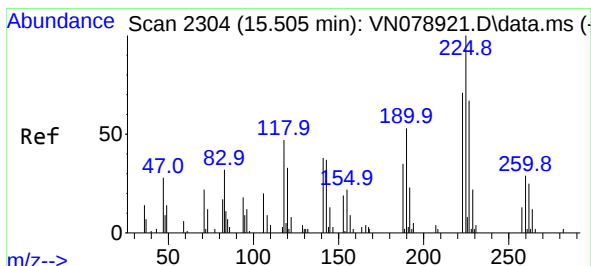
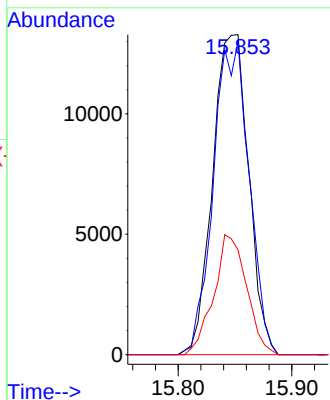
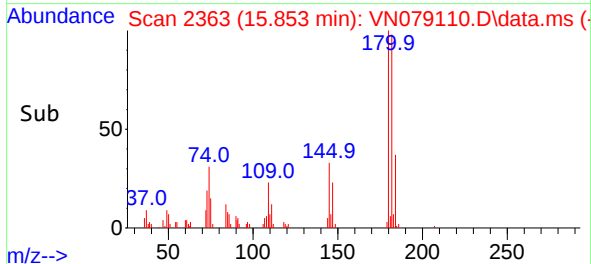
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01



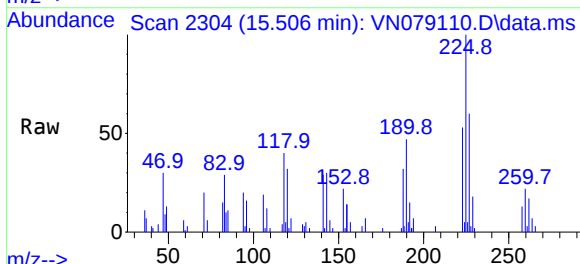
Tgt Ion:180 Resp: 2923
Ion Ratio Lower Upper
180 100
182 96.8 76.1 114.1
145 34.2 26.5 39.7

Manual Integrations
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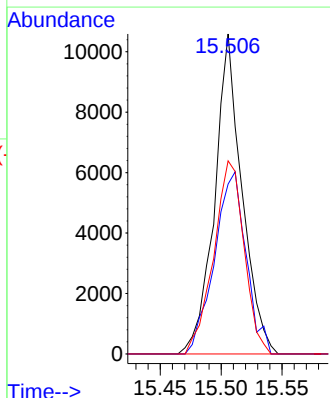
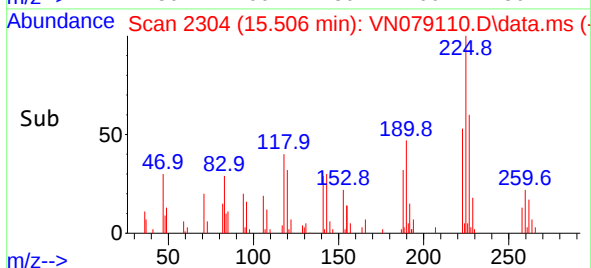
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

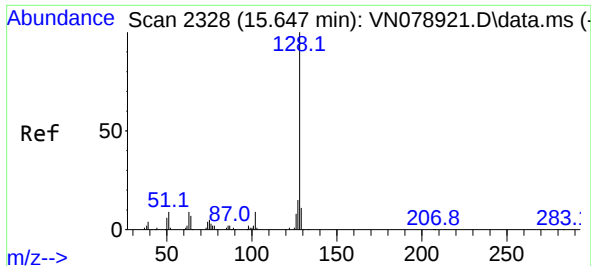


#90
Hexachlorobutadiene
Concen: 20.347 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00



Tgt Ion:225 Resp: 16568
Ion Ratio Lower Upper
225 100
223 65.8 0.0 124.0
227 67.0 0.0 117.4





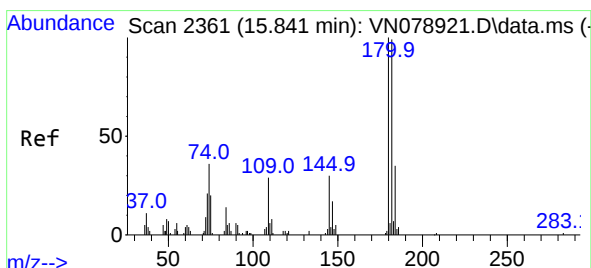
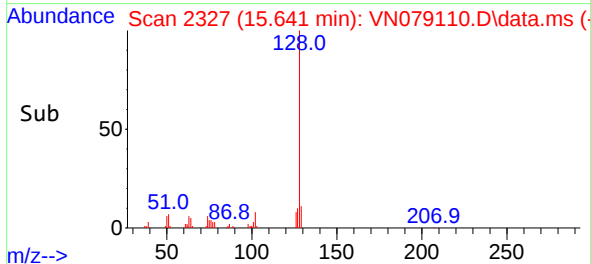
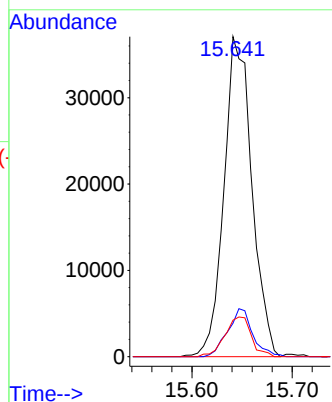
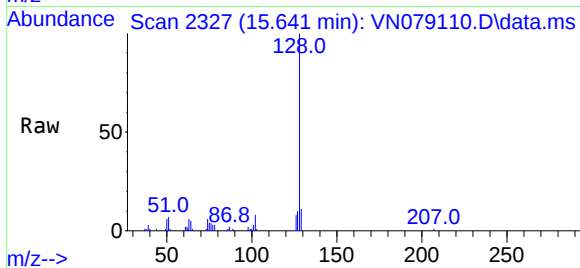
#91
Naphthalene
Concen: 15.887 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0830WBS01

Tgt Ion:128 Resp: 7166
Ion Ratio Lower Upper
128 100
127 13.5 11.1 16.7
129 11.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#92
1,2,3-Trichlorobenzene
Concen: 18.692 ug/l
RT: 15.853 min Scan# 2363
Delta R.T. 0.012 min
Lab File: VN079110.D
Acq: 30 Aug 2023 12:00

Tgt Ion:180 Resp: 29235
Ion Ratio Lower Upper
180 100
182 96.8 0.0 190.2
145 34.2 0.0 66.2

