

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082923\
 Data File : VN079083.D
 Acq On : 29 Aug 2023 10:31
 Operator : JC\MD
 Sample : VN0829WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0829WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/30/2023
 Supervised By : Mahesh Dadoda 09/01/2023

Quant Time: Aug 29 23:35:19 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	7.824	128	37567	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	212610	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	191101	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	93140	30.603	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.000%			
60) 4-Bromofluorobenzene	12.853	95	84891	30.453	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.500%			
63) Toluene-d8	10.571	98	273248	30.619	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.067%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	48407	20.420	ug/l	98
3) Chloromethane	2.365	50	53860	18.958	ug/l	91
4) Vinyl Chloride	2.518	62	56142	19.966	ug/l	98
5) Bromomethane	2.953	94	35473	20.438	ug/l	98
6) Chloroethane	3.124	64	39428	21.578	ug/l	99
7) Trichlorofluoromethane	3.500	101	75431	19.918	ug/l	97
8) Diethyl Ether	3.965	74	26932	18.908	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.377	101	42904	21.692	ug/l #	50
10) 1,1-Dichloroethene	4.342	96	38372	19.284	ug/l #	83
11) Methyl Iodide	4.589	142	46681	19.441	ug/l	94
12) Methyl Acetate	5.030	43	89952	19.286	ug/l	96
13) Acrolein	4.195	56	24871	76.505	ug/l #	60
14) Acrylonitrile	5.718	53	115432	94.148	ug/l #	93
15) Acetone	4.430	58	37139	98.746	ug/l	93
16) Carbon Disulfide	4.712	76	106353	18.601	ug/l	98
17) Allyl chloride	5.030	41	65002	17.822	ug/l	92
18) Methylene Chloride	5.283	84	48163	20.247	ug/l	97
19) trans-1,2-Dichloroethene	5.783	96	44883m	20.041	ug/l	
20) Diisopropyl ether	6.677	45	154597	19.486	ug/l #	87
21) 1,1-Dichloroethane	6.577	63	88813	20.174	ug/l	96
22) cis-1,2-Dichloroethene	7.488	96	51301	20.014	ug/l #	90
23) tert-Butyl Alcohol	5.524	59	41550	90.851	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	132322	18.733	ug/l	99
25) Chloroform	7.971	83	89951	20.283	ug/l	94
26) Cyclohexane	8.259	56	63758	19.799	ug/l #	98
29) 1,1-Dichloropropene	8.377	75	62413	19.297	ug/l	99
30) 2-Butanone	7.488	43	171597	90.630	ug/l	99
31) 2,2-Dichloropropane	7.494	77	70405	19.697	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	77354	20.033	ug/l	97
33) Carbon Tetrachloride	8.365	117	66072	19.754	ug/l	87
34) Benzene	8.612	78	190715	19.677	ug/l	99
35) Methacrylonitrile	7.783	41	37351	18.509	ug/l	91
36) 1,2-Dichloroethane	8.677	62	72736	20.040	ug/l	95
37) Trichloroethene	9.359	130	46462	19.258	ug/l	85
38) Methylcyclohexane	9.606	83	58261	20.461	ug/l	99
39) 1,2-Dichloropropane	9.624	63	50974	19.525	ug/l	99
40) Dibromomethane	9.718	93	34169	19.525	ug/l	99
41) Bromodichloromethane	9.894	83	67392	19.149	ug/l	89
42) Vinyl Acetate	6.612	43	499420	93.555	ug/l	99

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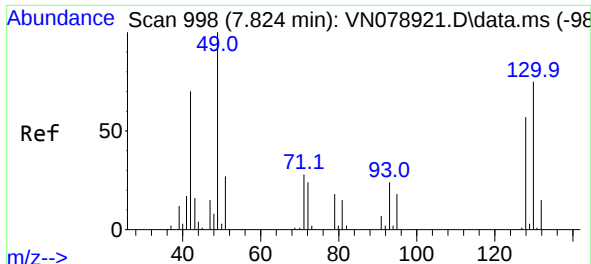
Manual Integrations
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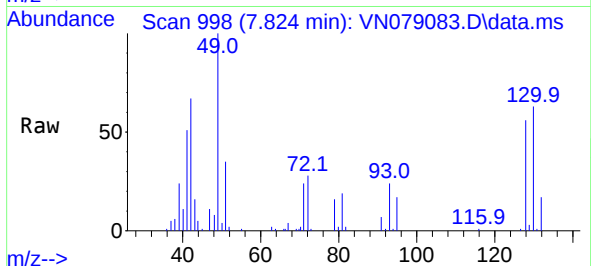
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	68005	18.514	ug/l	96
44) Isopropyl Acetate	8.694	43	112988	17.457	ug/l	98
45) 1,4-Dioxane	9.700	88	19007	390.249	ug/l	95
46) Methyl methacrylate	9.682	41	52626	18.455	ug/l	95
47) n-amyl Acetate	12.500	43	86880	17.493	ug/l	95
48) t-1,3-Dichloropropene	10.841	75	68713	18.332	ug/l	93
49) cis-1,3-Dichloropropene	10.318	75	76766	19.100	ug/l	98
50) 1,1,2-Trichloroethane	11.018	97	47943	20.273	ug/l	96
51) Ethyl methacrylate	10.876	69	67000	18.305	ug/l	98
52) 1,3-Dichloropropane	11.165	76	80548	19.016	ug/l	100
53) Dibromochloromethane	11.365	129	51696	19.973	ug/l	96
54) 1,2-Dibromoethane	11.471	107	47675	19.636	ug/l	96
55) 2-Chloroethyl vinyl ether	10.165	63	117739	69.593	ug/l	98
56) Bromoform	12.582	173	32510	17.802	ug/l #	97
58) 4-Methyl-2-Pentanone	10.447	43	346883	91.489	ug/l	100
59) 2-Hexanone	11.200	43	252807	91.004	ug/l	98
61) Tetrachloroethene	11.106	164	38498	20.806	ug/l	95
62) Toluene	10.635	91	205976	19.742	ug/l	99
64) Chlorobenzene	11.894	112	122432	19.517	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.965	131	46778	19.502	ug/l	98
66) Ethyl Benzene	11.971	91	210362	19.276	ug/l	100
67) m/p-Xylenes	12.076	106	162879	40.029	ug/l	99
68) o-Xylene	12.406	106	78328	19.523	ug/l	100
69) Styrene	12.418	104	126126	19.347	ug/l	98
70) Isopropylbenzene	12.700	105	186626	19.198	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	68605	18.826	ug/l	100
72) 1,2,3-Trichloropropane	13.000	75	54762m	18.317	ug/l	
73) Bromobenzene	12.982	156	47026	19.001	ug/l	98
74) n-propylbenzene	13.041	91	224904	20.414	ug/l	99
75) 2-Chlorotoluene	13.129	91	140442	20.094	ug/l	100
76) 1,3,5-Trimethylbenzene	13.176	105	159168	20.655	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	19430	17.489	ug/l	85
78) 4-Chlorotoluene	13.223	91	130370	19.470	ug/l	99
79) tert-butylbenzene	13.441	119	129407	19.872	ug/l	99
80) 1,2,4-Trimethylbenzene	13.488	105	154756	20.423	ug/l	99
81) sec-Butylbenzene	13.617	105	179052	20.834	ug/l	99
82) p-Isopropyltoluene	13.735	119	146049	20.815	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	79962	20.020	ug/l	96
84) 1,4-Dichlorobenzene	13.817	146	75499	19.254	ug/l	98
85) n-Butylbenzene	14.059	91	116669	21.141	ug/l	98
86) Hexachloroethane	14.335	117	28878	20.114	ug/l	99
87) 1,2-Dichlorobenzene	14.112	146	79586	19.455	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.729	75	11944	18.261	ug/l	97
89) 1,2,4-Trichlorobenzene	15.847	180	30326	18.771	ug/l	99
90) Hexachlorobutadiene	15.506	225	17576	20.896	ug/l	94
91) Naphthalene	15.647	128	73925	15.865	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	30326	18.771	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

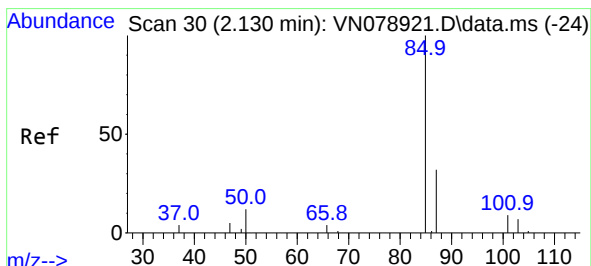
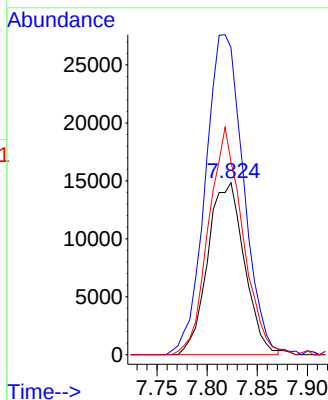
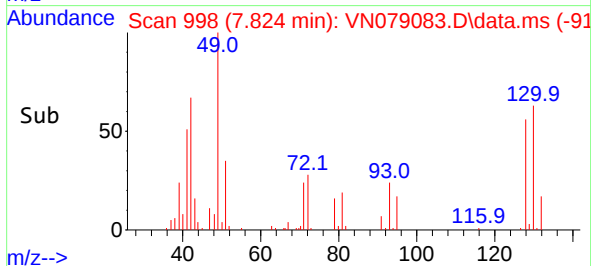
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBS01



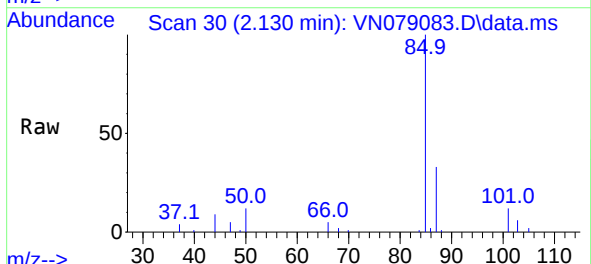
Tgt Ion:128 Resp: 3756
Ion Ratio Lower Upper
128 100
49 194.6 0.0 481.8
130 123.9 0.0 320.5

Manual Integrations
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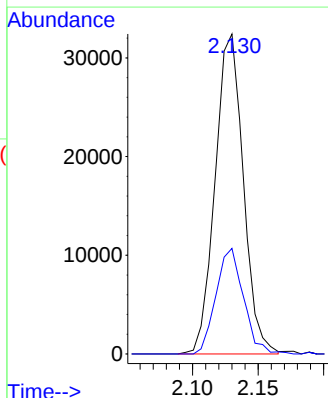
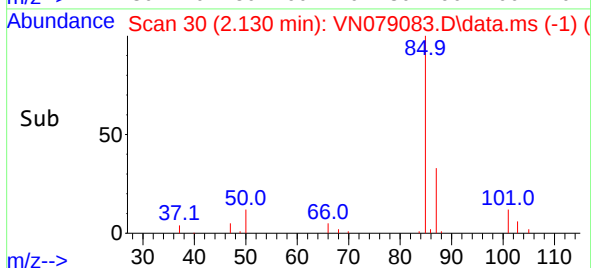
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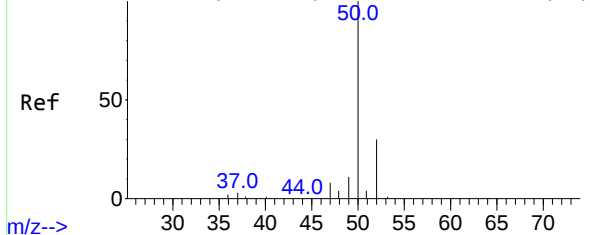
#2
Dichlorodifluoromethane
Concen: 20.420 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31



Tgt Ion: 85 Resp: 48407
Ion Ratio Lower Upper
85 100
87 33.0 15.9 47.7



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



#3

Chloromethane

Concen: 18.958 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN079083.D

Acq: 29 Aug 2023 10:31

Instrument :

MSVOA_N

ClientSampleId :

VN0829WBS01

Tgt Ion: 50 Resp: 53860

Ion Ratio Lower Upper

50 100

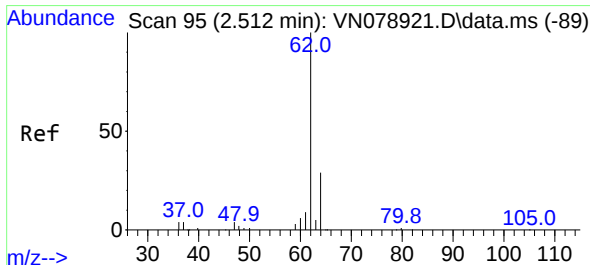
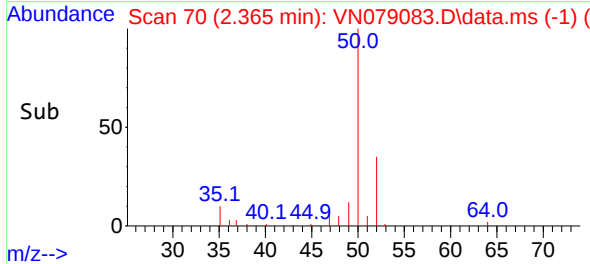
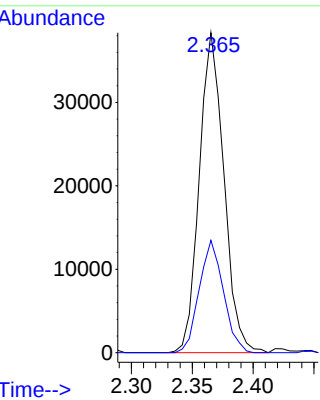
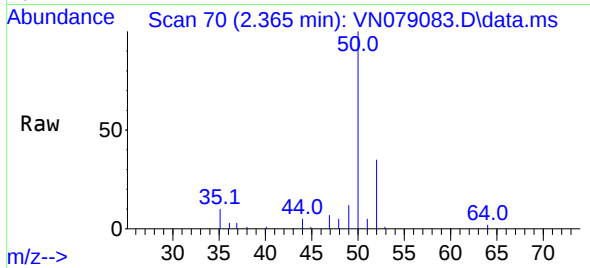
52 35.1 24.2 36.4

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 19.966 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN079083.D

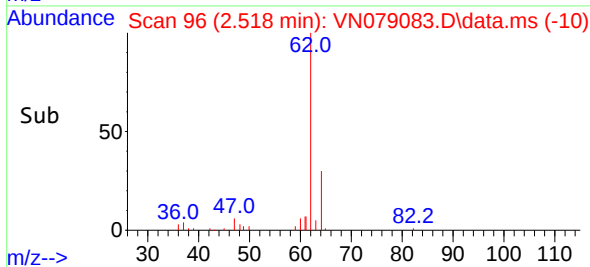
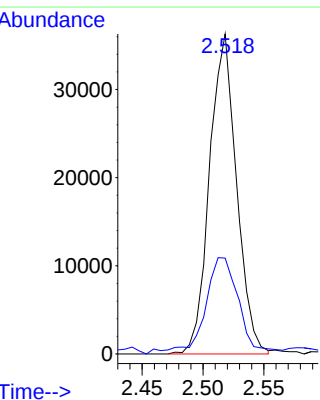
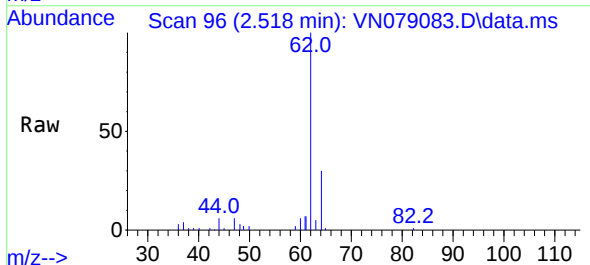
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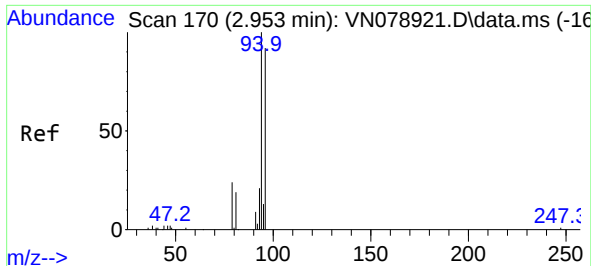
Tgt Ion: 62 Resp: 56142

Ion Ratio Lower Upper

62 100

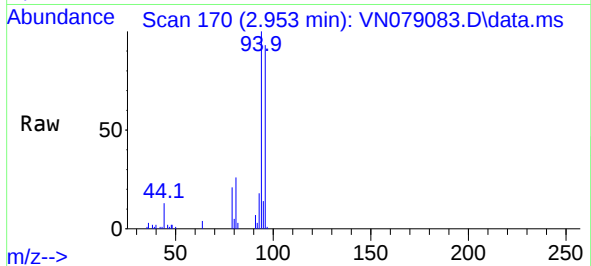
64 28.7 23.8 35.8





#5
Bromomethane
Concen: 20.438 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

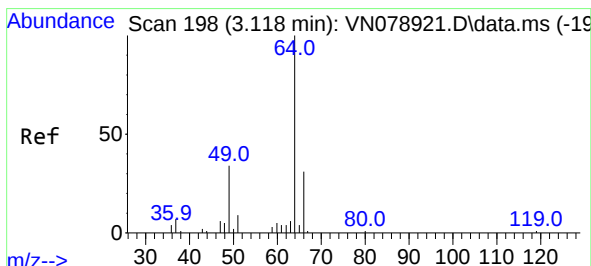
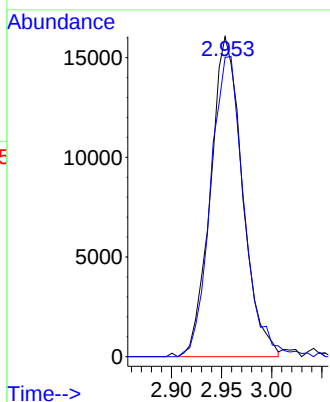
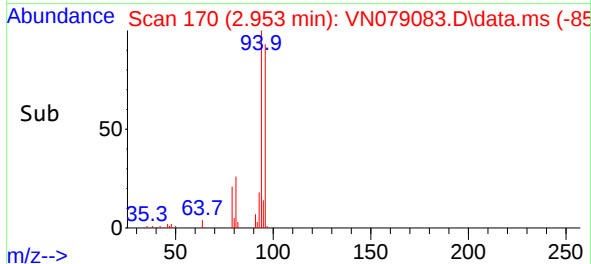
Instrument :
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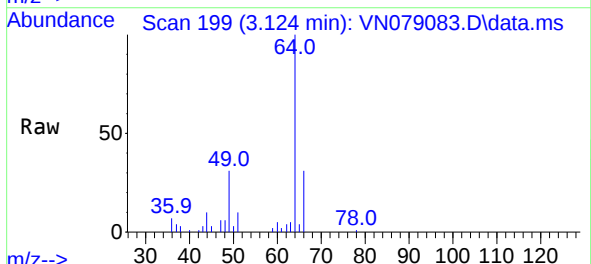
Tgt Ion: 94 Resp: 3547
Ion Ratio Lower Upper
94 100
96 93.5 73.6 110.4

Manual Integrations
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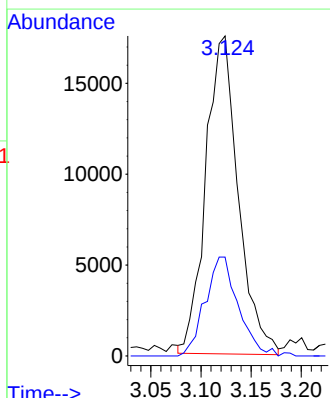
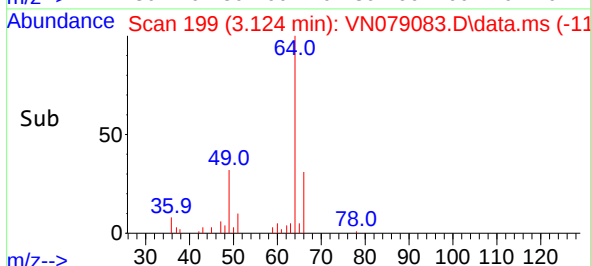
Reviewed By :John Carlone 08/30/2023
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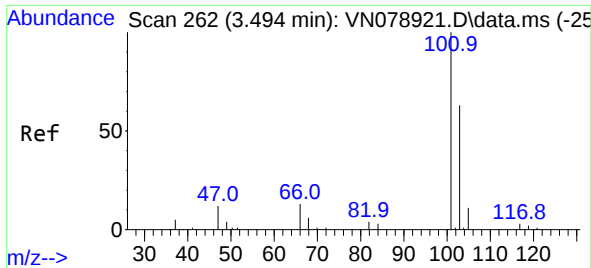


#6
Chloroethane
Concen: 21.578 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31



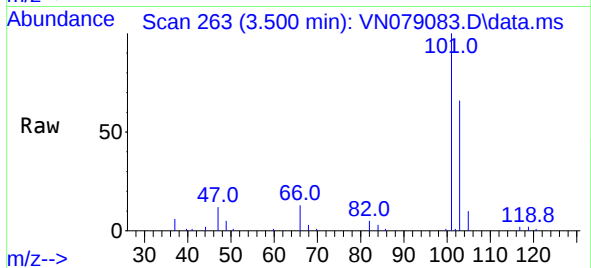
Tgt Ion: 64 Resp: 39428
Ion Ratio Lower Upper
64 100
66 31.6 24.9 37.3





#7
Trichlorofluoromethane
Concen: 19.918 ug/l
RT: 3.500 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

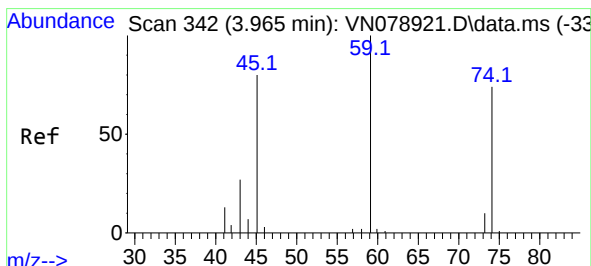
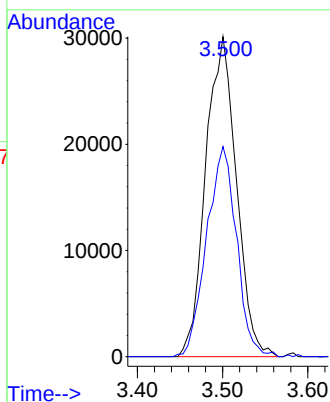
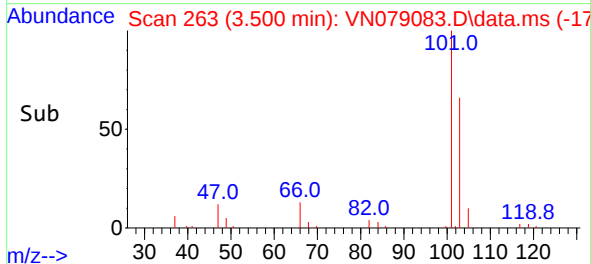
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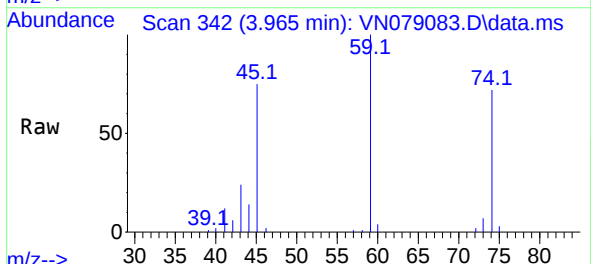
Tgt Ion:101 Resp: 7543
Ion Ratio Lower Upper
101 100
103 65.7 50.9 76.3

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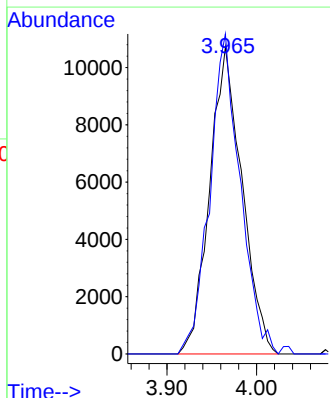
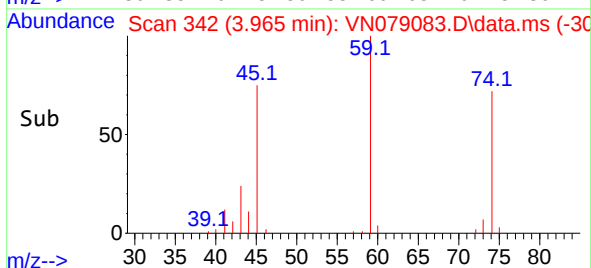
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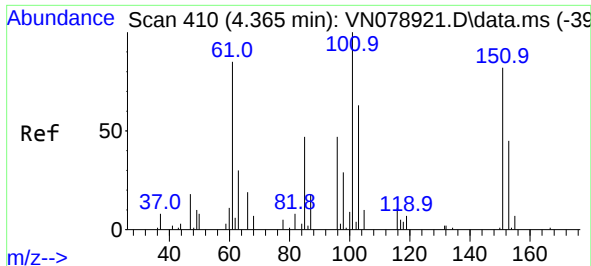


#8
Diethyl Ether
Concen: 18.908 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31



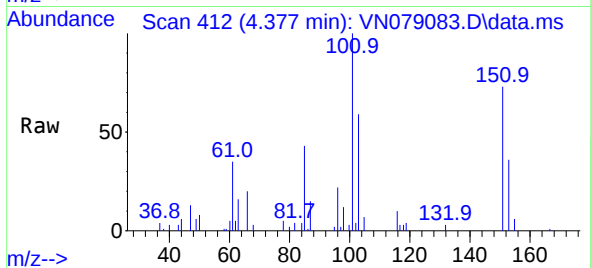
Tgt Ion: 74 Resp: 26932
Ion Ratio Lower Upper
74 100
45 97.8 21.3 191.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.692 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN079083.D
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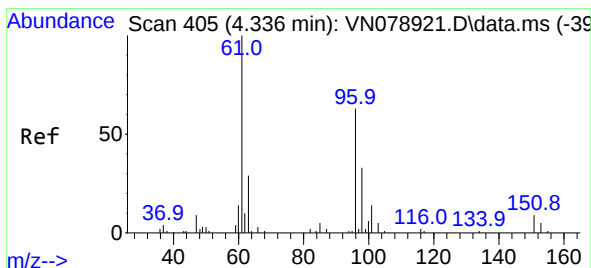
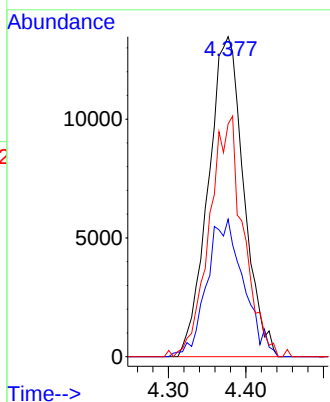
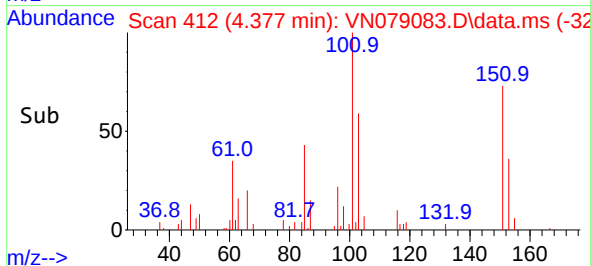
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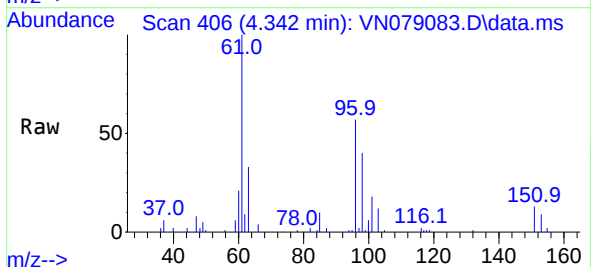
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Ion Ratio Lower Upper
101 100
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151 37.3 0.0 156.8

Manual Integrations
APPROVED

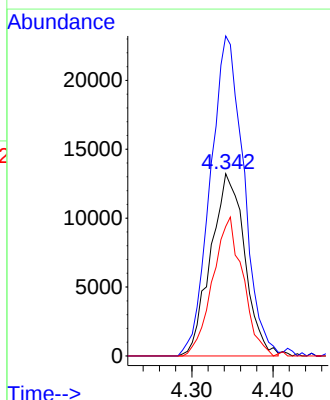
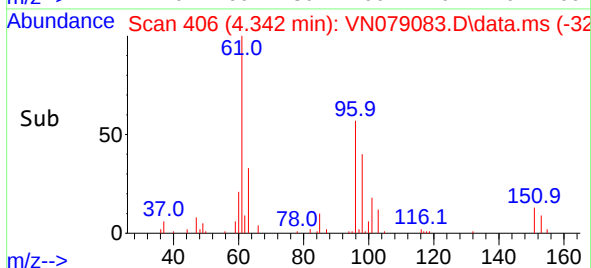
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

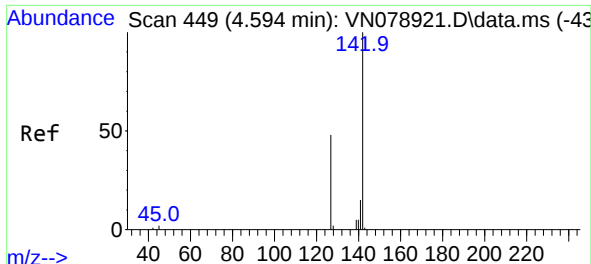


#10
1,1-Dichloroethene
Concen: 19.284 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31



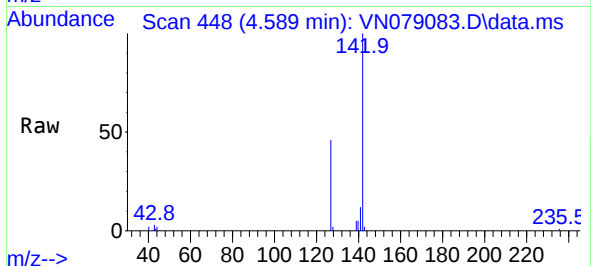
Tgt Ion: 96 Resp: 38372
Ion Ratio Lower Upper
96 100
61 175.6 126.2 189.4
98 71.0 41.7 62.5#





#11
Methyl Iodide
Concen: 19.441 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

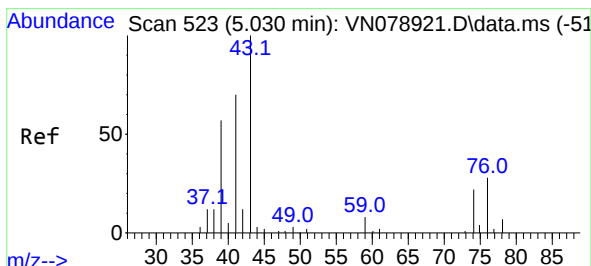
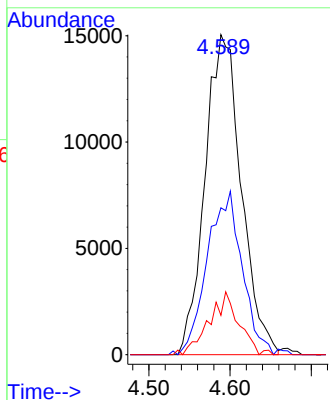
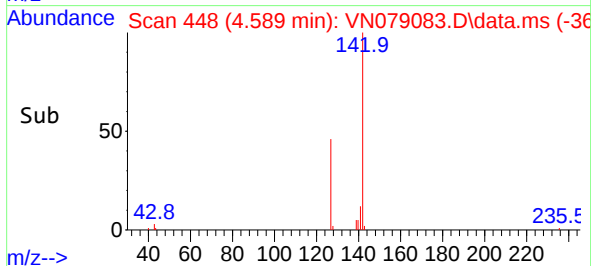
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBS01



Tgt Ion: 142 Resp: 4668
Ion Ratio Lower Upper
142 100
127 45.3 24.3 72.9
141 11.0 7.3 22.0

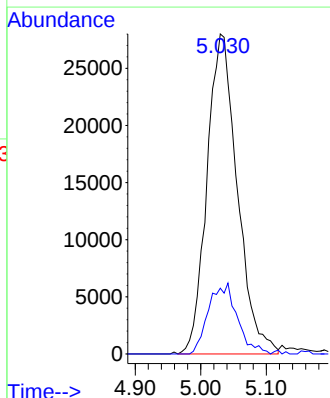
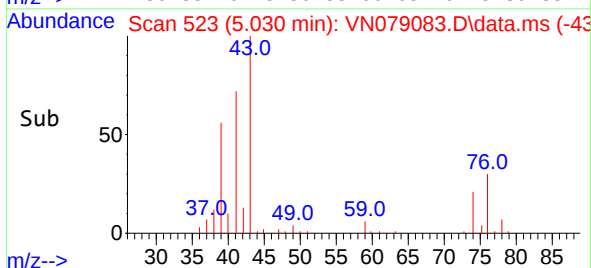
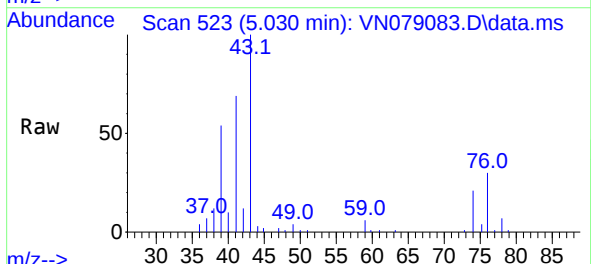
Manual Integrations
APPROVED

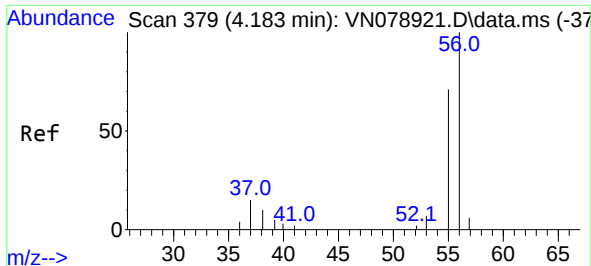
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#12
Methyl Acetate
Concen: 19.286 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

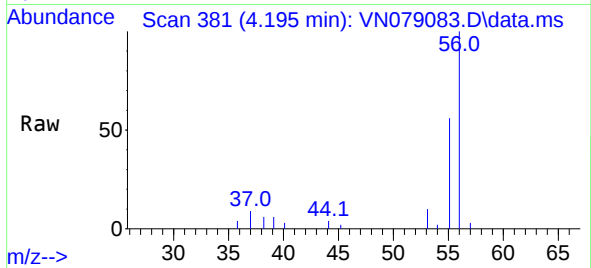
Tgt Ion: 43 Resp: 89952
Ion Ratio Lower Upper
43 100
74 20.1 17.5 26.3





#13
Acrolein
Concen: 76.505 ug/l
RT: 4.195 min Scan# 30
Delta R.T. 0.012 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

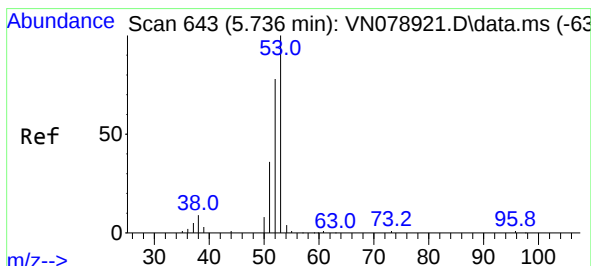
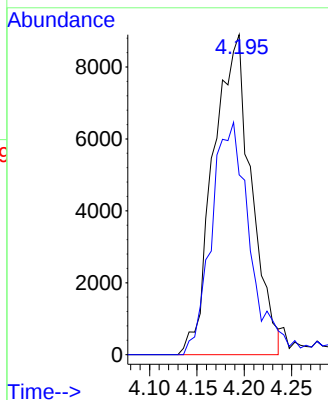
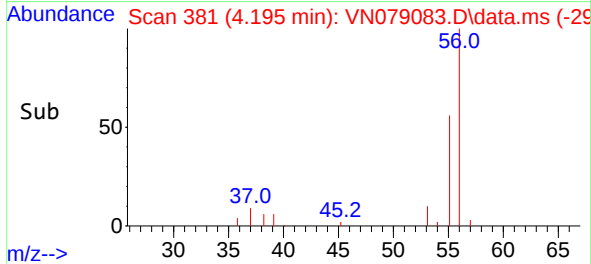
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBS01



Tgt Ion: 56 Resp: 2487
Ion Ratio Lower Upper
56 100
55 35.8 54.5 81.7

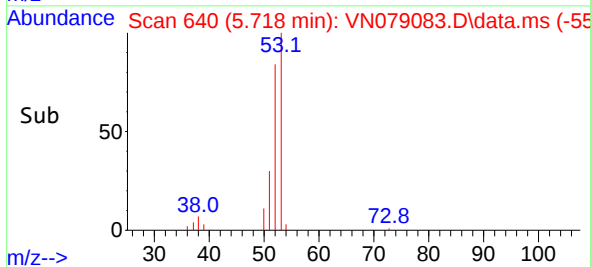
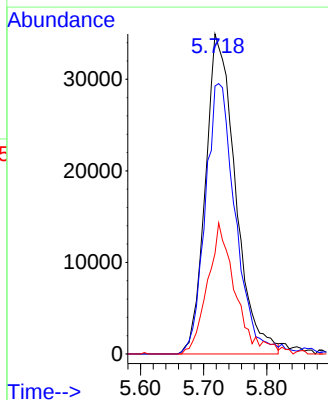
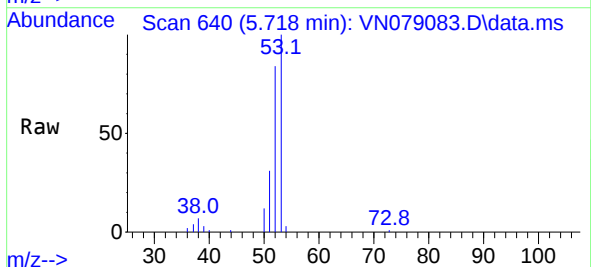
Manual Integrations
APPROVED

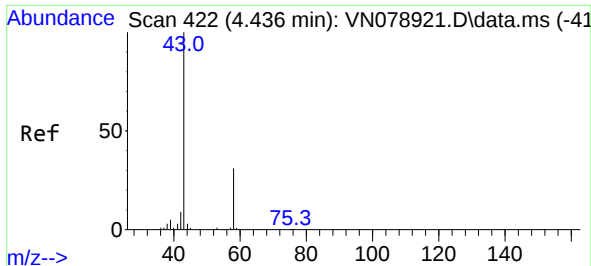
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#14
Acrylonitrile
Concen: 94.148 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.018 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

Tgt Ion: 53 Resp: 115432
Ion Ratio Lower Upper
53 100
52 84.3 41.9 125.6
51 36.4 10.1 30.1





#15

Acetone

Concen: 98.746 ug/l

RT: 4.430 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN079083.D

Acq: 29 Aug 2023 10:31

Instrument :

MSVOA_N

ClientSampleId :

VN0829WBS01

Tgt Ion: 58 Resp: 37139

Ion Ratio Lower Upper

58 100

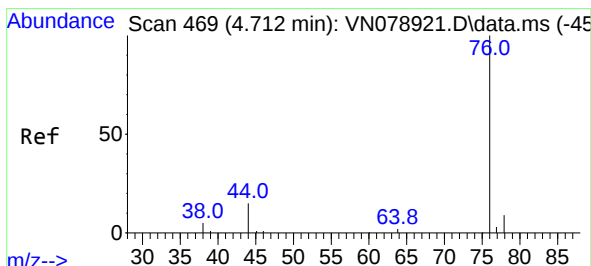
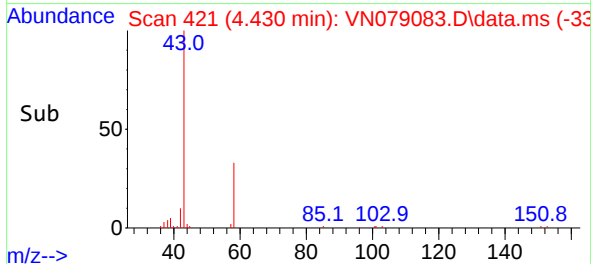
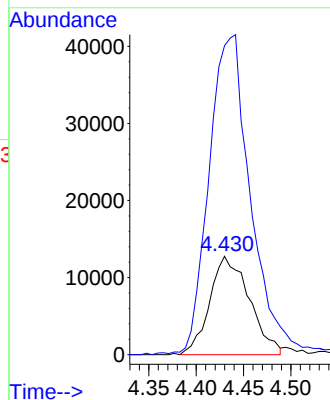
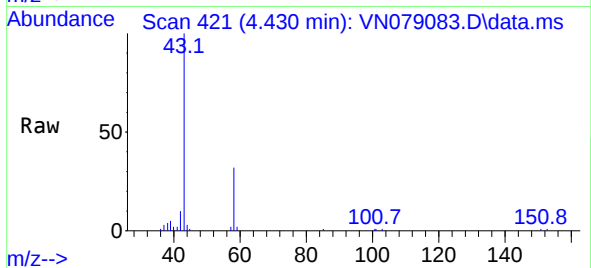
43 311.2 260.6 390.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 09/01/2023



#16

Carbon Disulfide

Concen: 18.601 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN079083.D

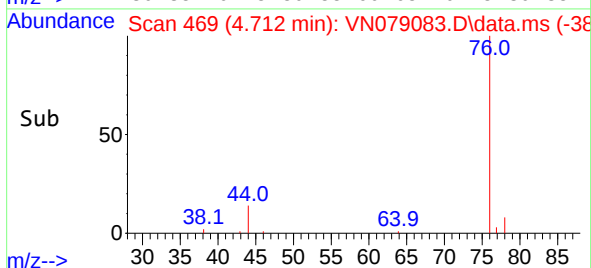
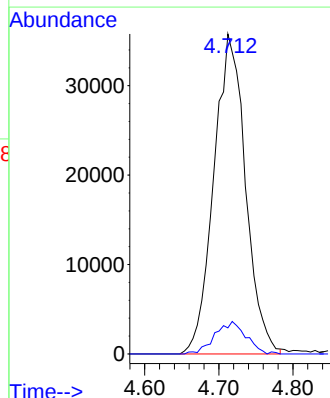
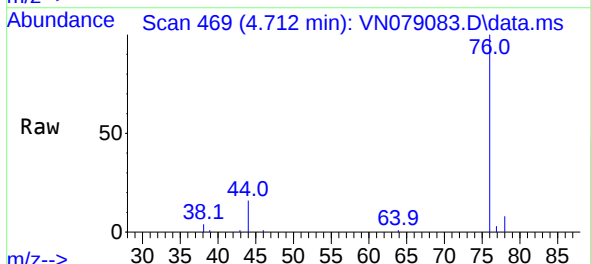
Acq: 29 Aug 2023 10:31

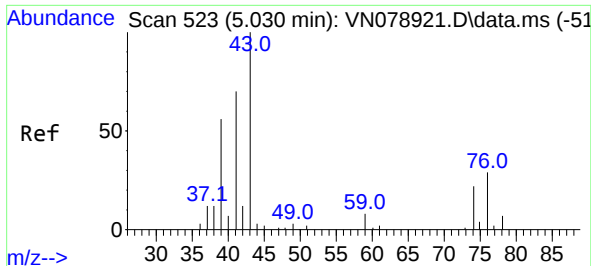
Tgt Ion: 76 Resp: 106353

Ion Ratio Lower Upper

76 100

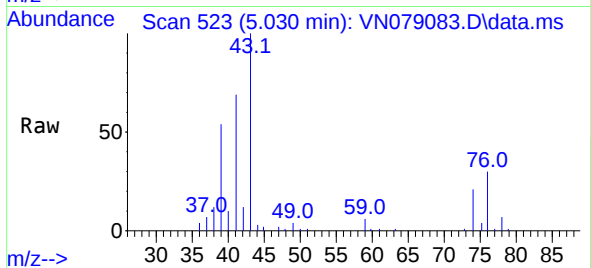
78 8.2 7.0 10.6





#17
 Allyl chloride
 Concen: 17.822 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN079083.D
 Acq: 29 Aug 2023 10:31

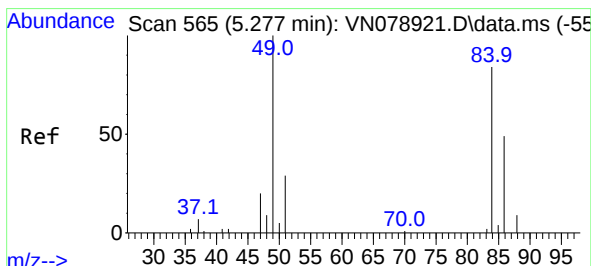
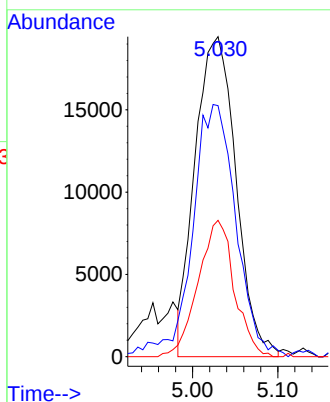
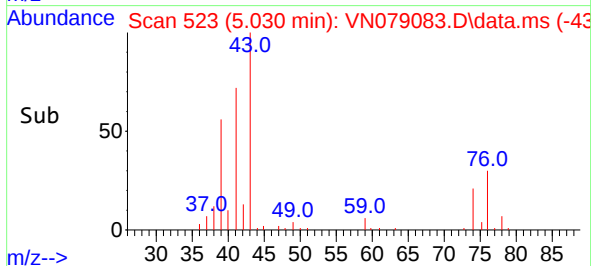
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0829WBS01



Tgt Ion: 41 Resp: 65002
 Ion Ratio Lower Upper
 41 100
 39 77.8 36.9 110.7
 76 43.3 17.3 51.9

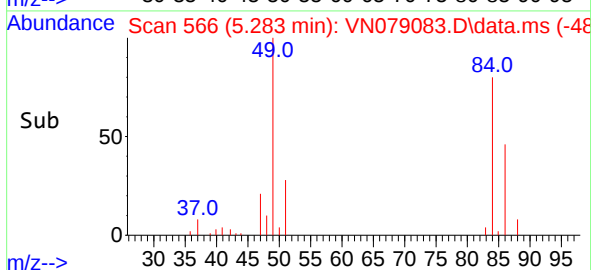
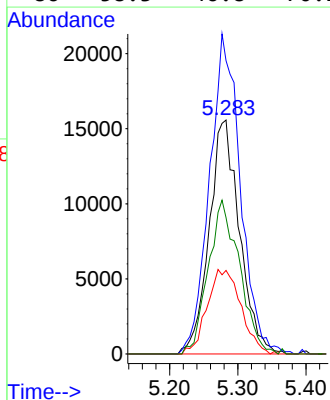
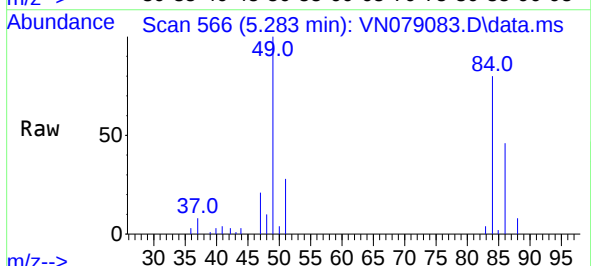
Manual Integrations
 APPROVED

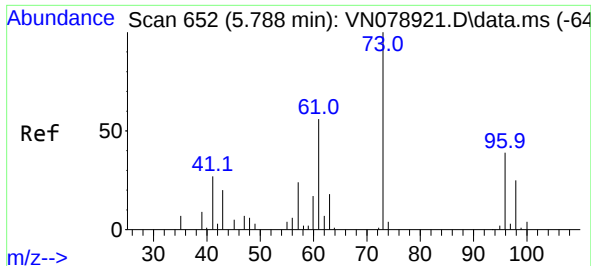
Reviewed By :John Carlone 08/30/2023
 Supervised By :Mahesh Dadoda 09/01/2023



#18
 Methylene Chloride
 Concen: 20.247 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. 0.006 min
 Lab File: VN079083.D
 Acq: 29 Aug 2023 10:31

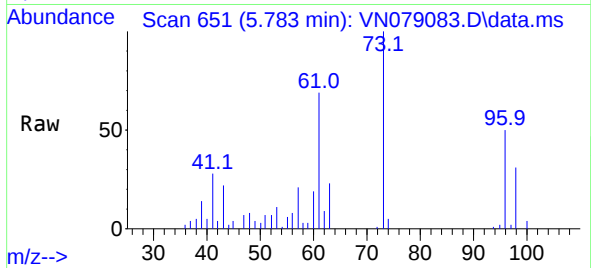
Tgt Ion: 84 Resp: 48163
 Ion Ratio Lower Upper
 84 100
 49 125.3 95.8 143.6
 51 35.7 28.6 43.0
 86 58.3 46.8 70.2





#19
trans-1,2-Dichloroethene
Concen: 20.041 ug/l m
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

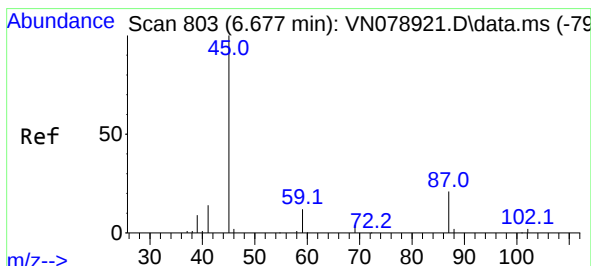
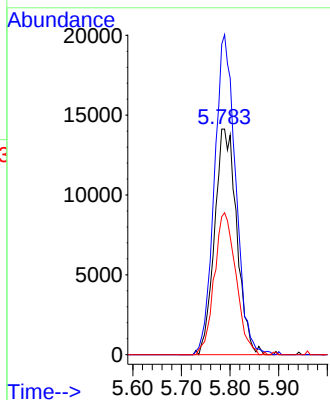
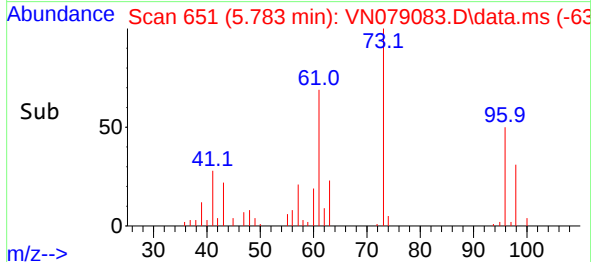
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBS01



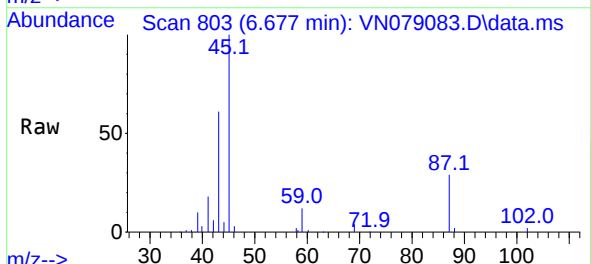
Tgt Ion: 96 Resp: 4488
Ion Ratio Lower Upper
96 100
61 137.6 114.0 171.0
98 61.1 50.6 76.0

Manual Integrations
APPROVED

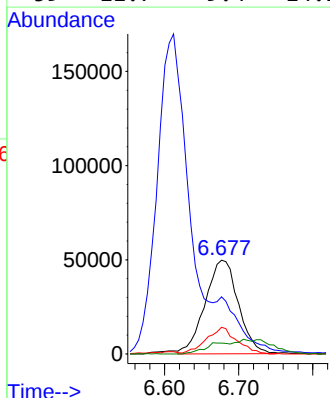
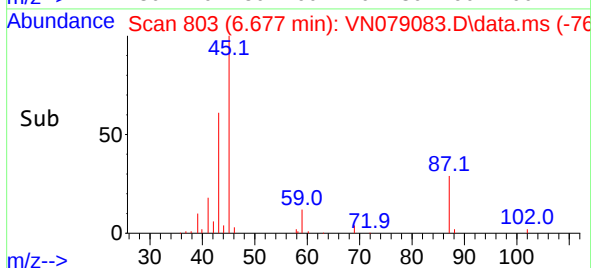
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

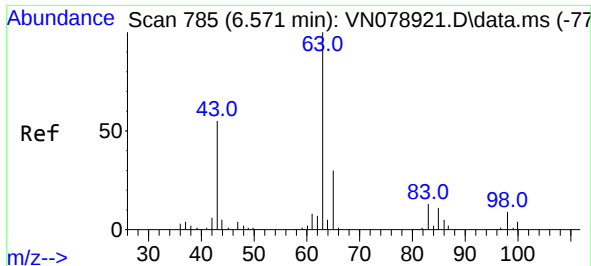


#20
Diisopropyl ether
Concen: 19.486 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31



Tgt Ion: 45 Resp: 154597
Ion Ratio Lower Upper
45 100
43 57.7 37.4 56.2#
87 28.4 17.3 25.9#
59 11.7 9.4 14.2





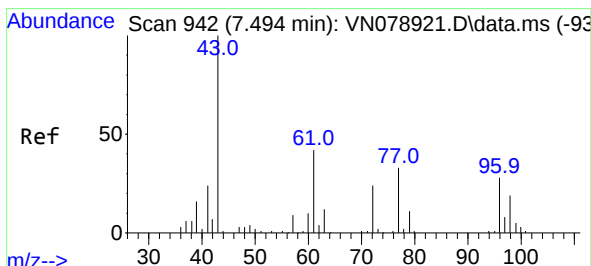
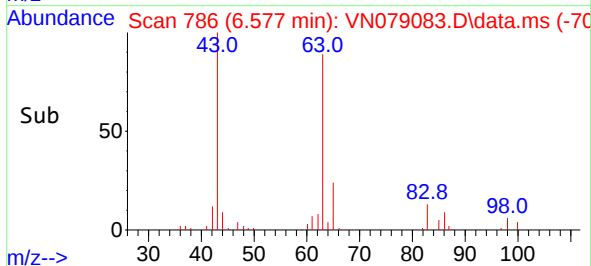
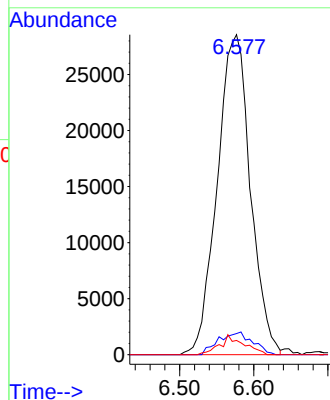
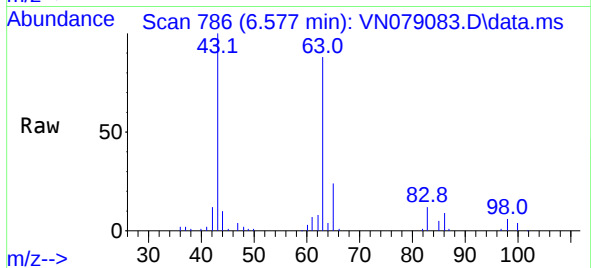
#21
1,1-Dichloroethane
Concen: 20.174 ug/l
RT: 6.577 min Scan# 785
Delta R.T. 0.006 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

Instrument :
MSVOA_N
ClientSampleId :
VN0829WBS01

Tgt Ion: 63 Resp: 8881
Ion Ratio Lower Upper
63 100
98 6.6 4.4 13.2
100 4.4 2.1 6.5

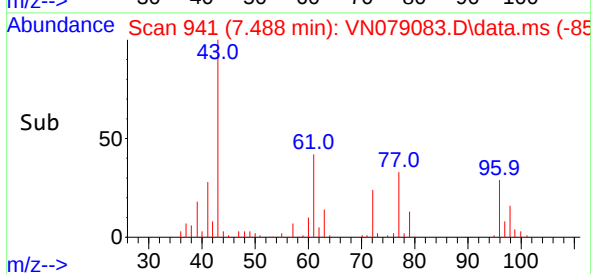
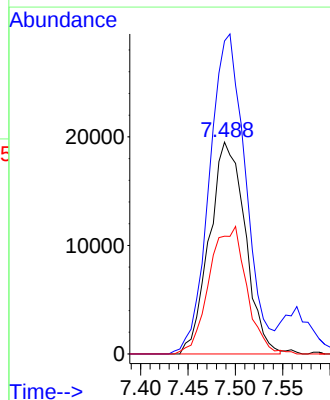
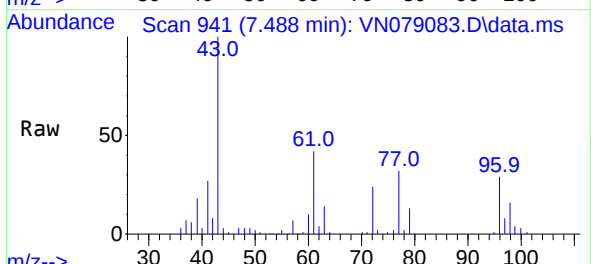
Manual Integrations
APPROVED

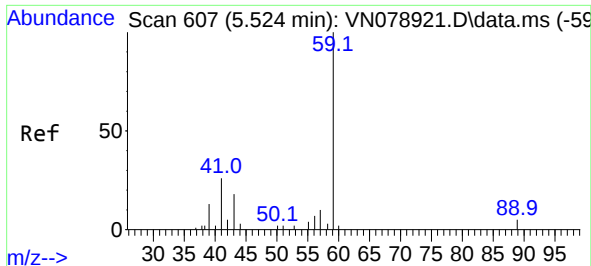
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#22
cis-1,2-Dichloroethene
Concen: 20.014 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

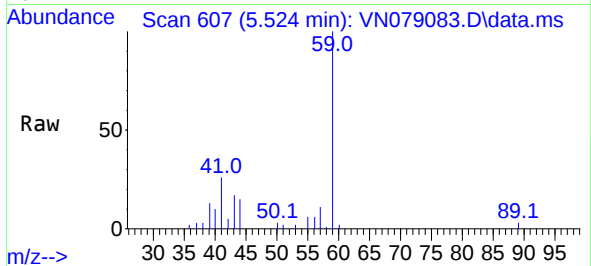
Tgt Ion: 96 Resp: 51301
Ion Ratio Lower Upper
96 100
61 152.5 121.8 182.6
98 37.9 50.7 76.1#





#23
tert-Butyl Alcohol
Concen: 90.851 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

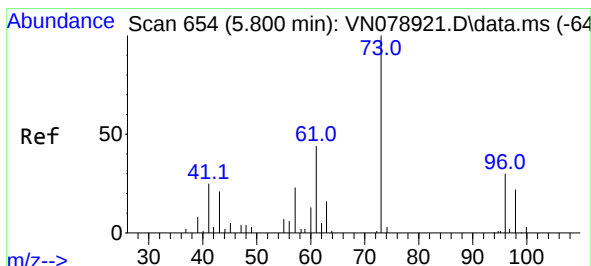
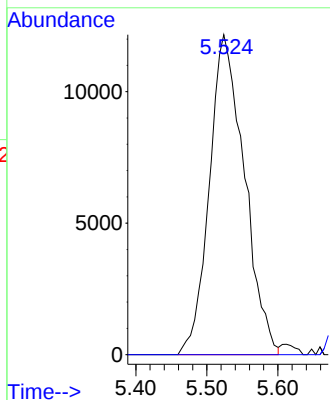
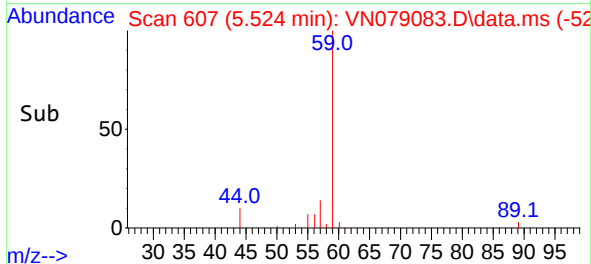
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBS01



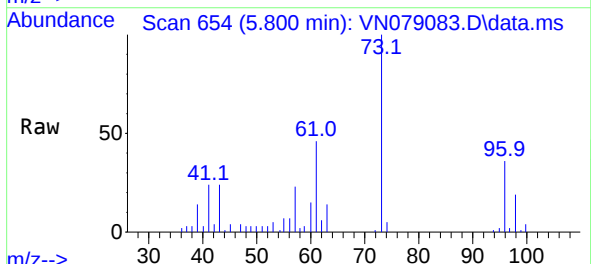
Tgt Ion: 59 Resp: 41550
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
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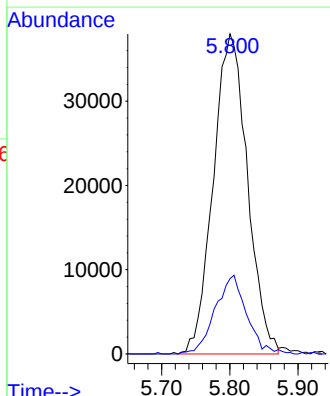
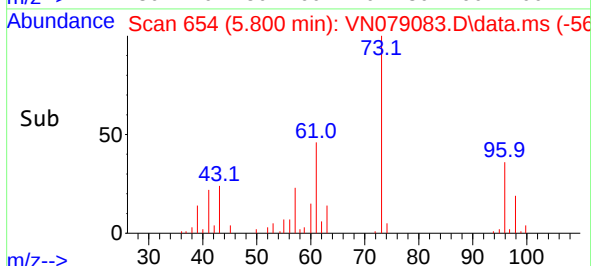
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

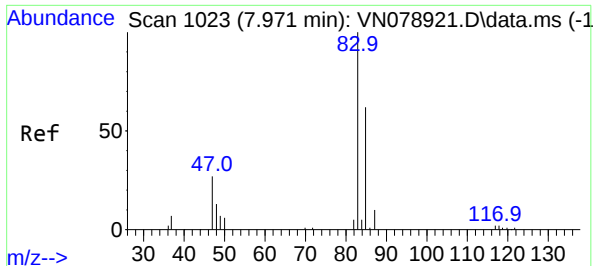


#24
Methyl tert-Butyl Ether
Concen: 18.733 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31



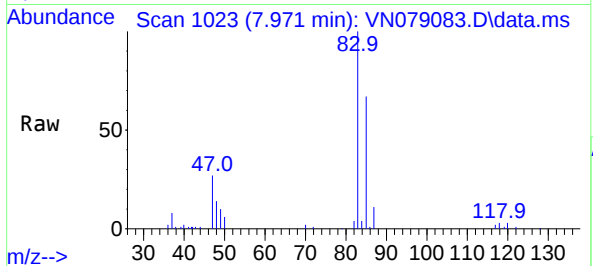
Tgt Ion: 73 Resp: 132322
Ion Ratio Lower Upper
73 100
43 21.9 17.3 25.9





#25
Chloroform
Concen: 20.283 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

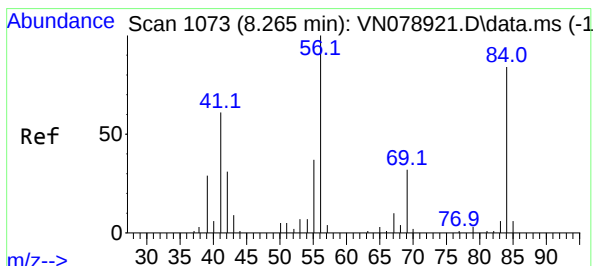
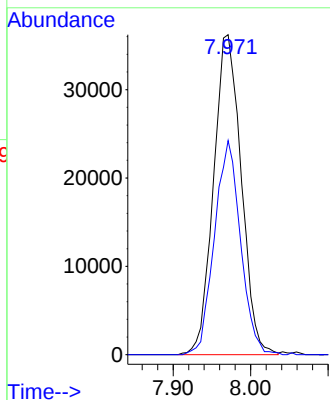
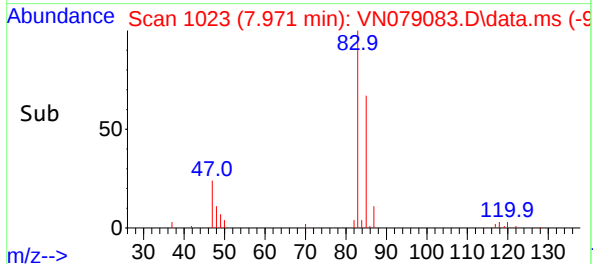
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBS01



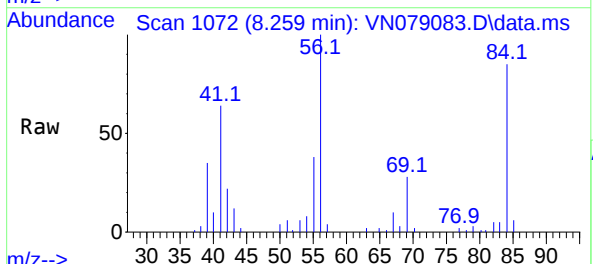
Tgt Ion: 83 Resp: 8995
Ion Ratio Lower Upper
83 100
85 66.9 49.6 74.4

Manual Integrations
APPROVED

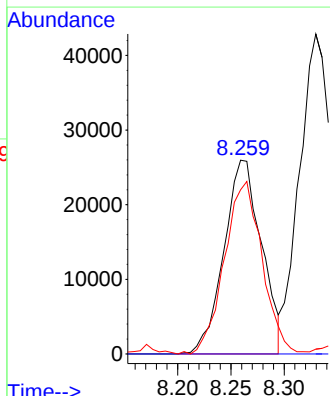
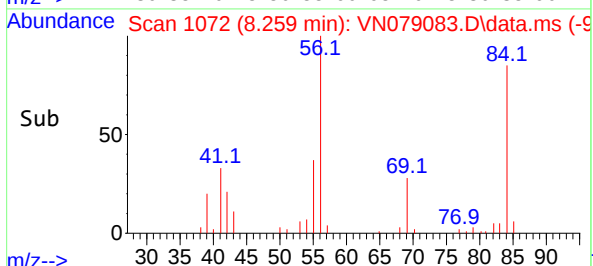
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

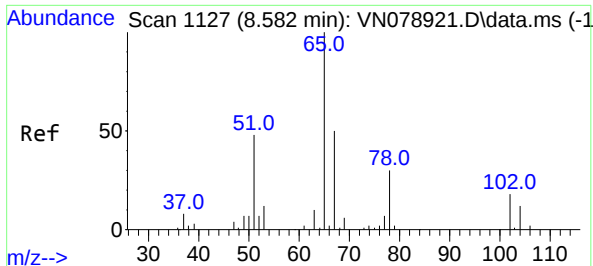


#26
Cyclohexane
Concen: 19.799 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31



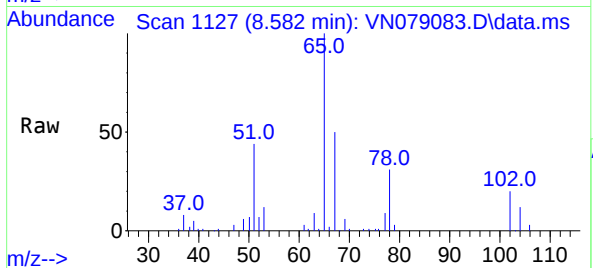
Tgt Ion: 56 Resp: 63758
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.3 70.1 105.1





#27
1,2-Dichloroethane-d4
Concen: 30.603 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

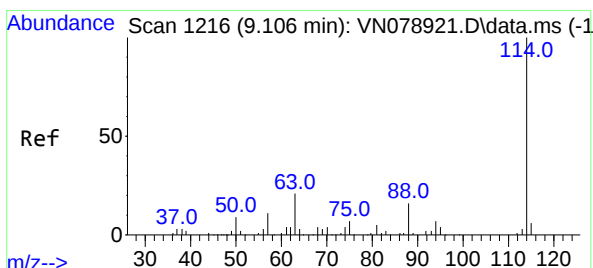
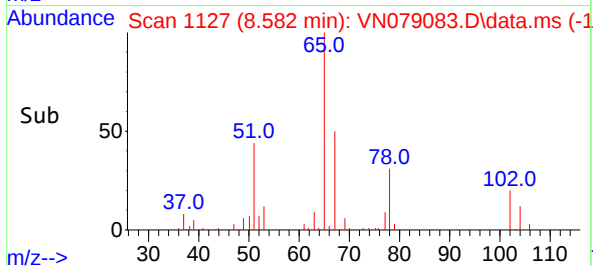
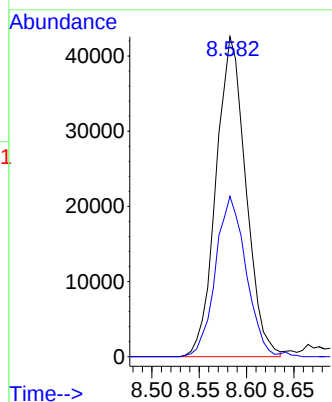
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBS01



Tgt Ion: 65 Resp: 93140
Ion Ratio Lower Upper
65 100
67 51.1 40.7 61.1

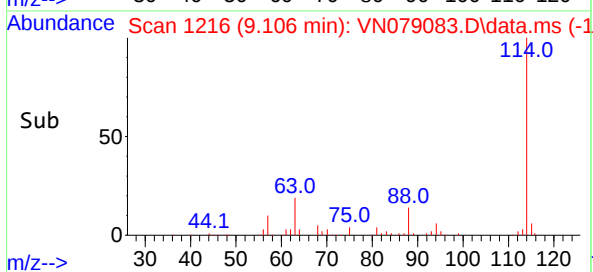
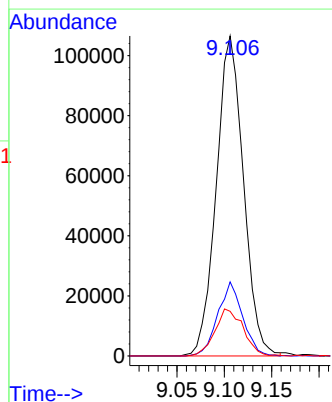
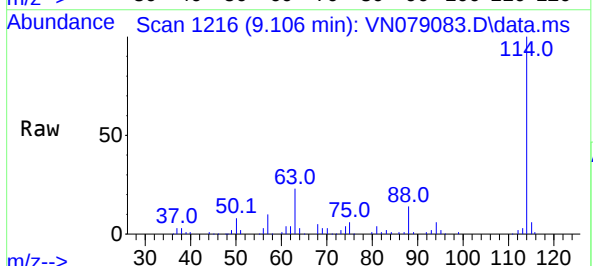
Manual Integrations
APPROVED

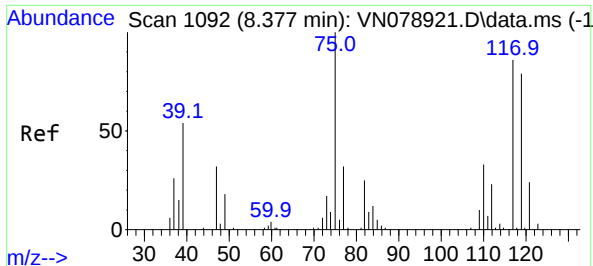
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

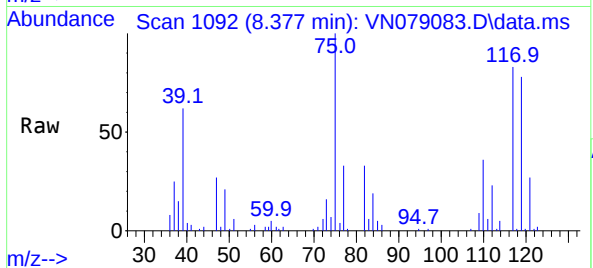
Tgt Ion:114 Resp: 212610
Ion Ratio Lower Upper
114 100
63 21.3 17.4 26.2
88 15.2 12.0 18.0





#29
1,1-Dichloropropene
Concen: 19.297 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

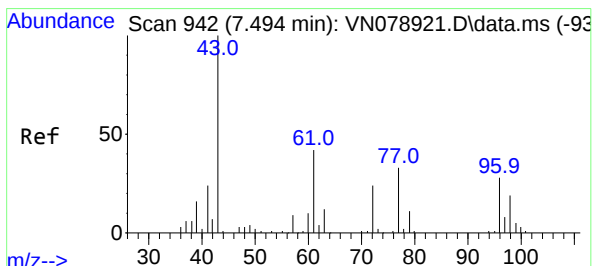
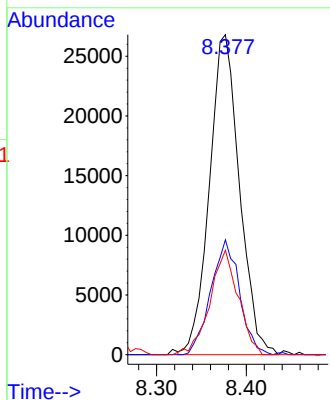
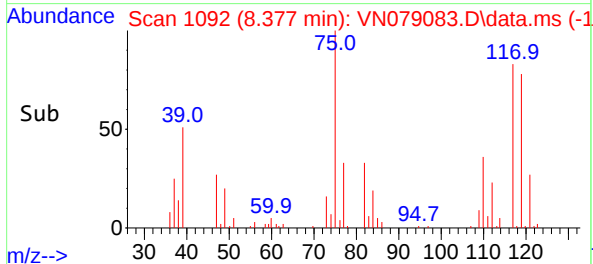
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBS01



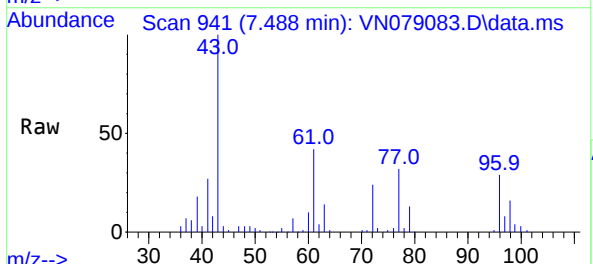
Tgt Ion: 75 Resp: 6241
Ion Ratio Lower Upper
75 100
110 34.1 0.0 65.8
77 30.3 0.0 60.4

Manual Integrations
APPROVED

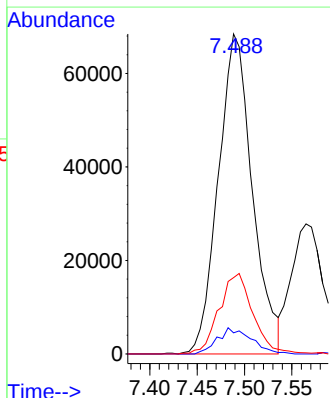
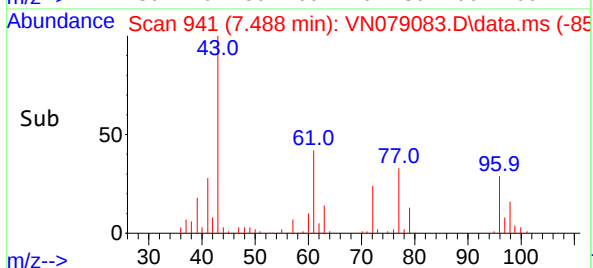
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

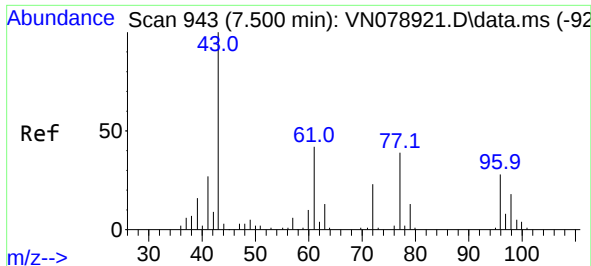


#30
2-Butanone
Concen: 90.630 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31



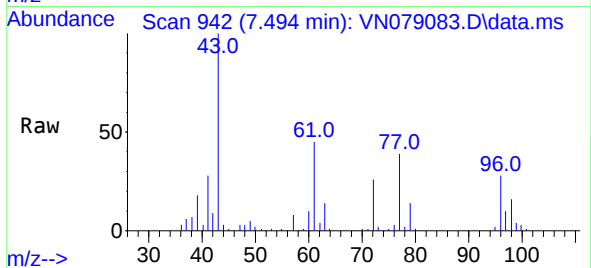
Tgt Ion: 43 Resp: 171597
Ion Ratio Lower Upper
43 100
57 8.1 6.2 9.4
72 24.9 19.4 29.2





#31
2,2-Dichloropropane
Concen: 19.697 ug/l
RT: 7.494 min Scan# 943
Delta R.T. -0.006 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

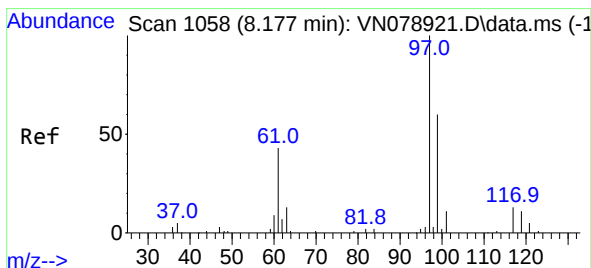
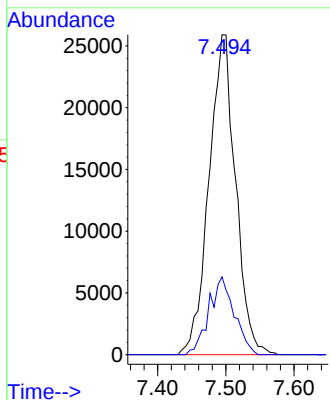
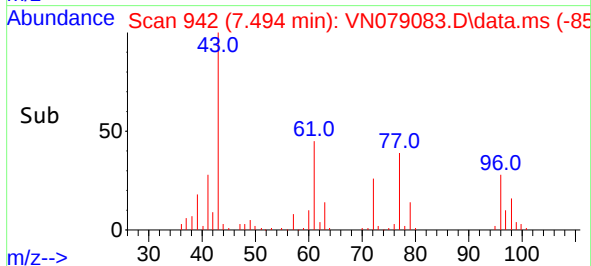
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBS01



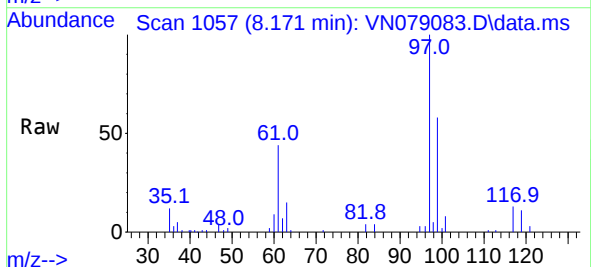
Tgt Ion: 77 Resp: 7040
Ion Ratio Lower Upper
77 100
97 23.2 17.6 26.4

Manual Integrations
APPROVED

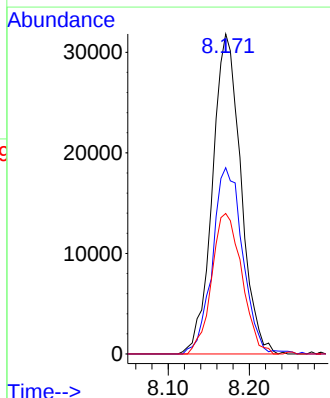
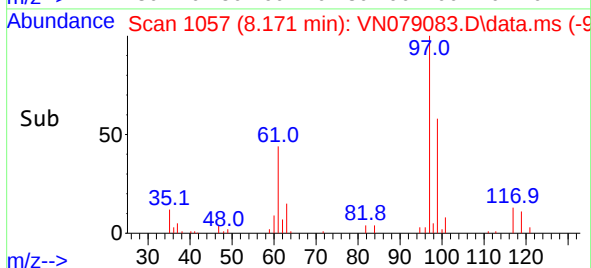
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

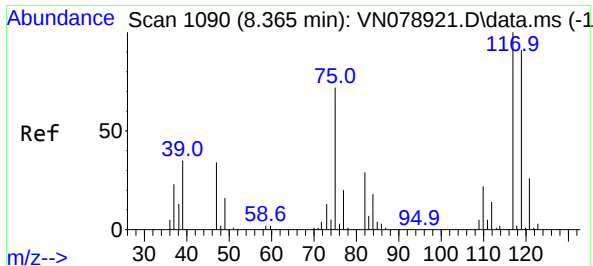


#32
1,1,1-Trichloroethane
Concen: 20.033 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31



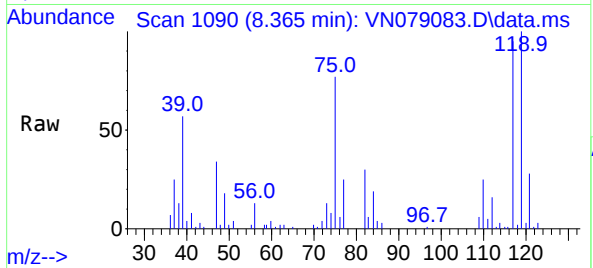
Tgt Ion: 97 Resp: 77354
Ion Ratio Lower Upper
97 100
99 61.4 52.0 78.0
61 46.6 37.0 55.6





#33
Carbon Tetrachloride
Concen: 19.754 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

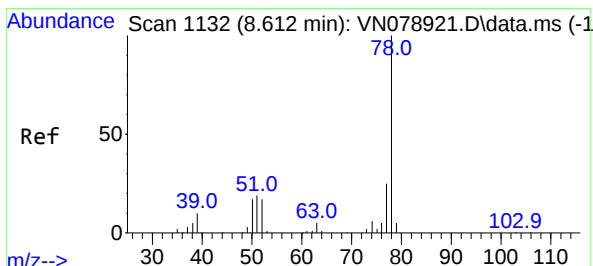
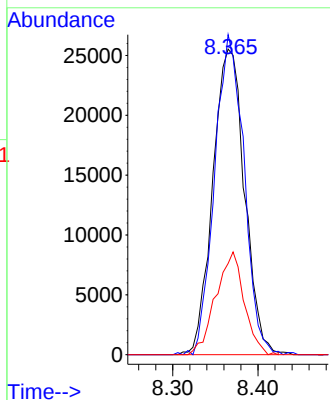
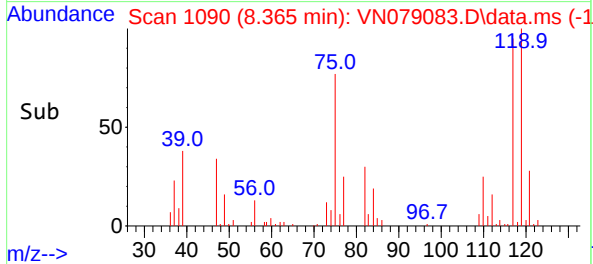
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBS01



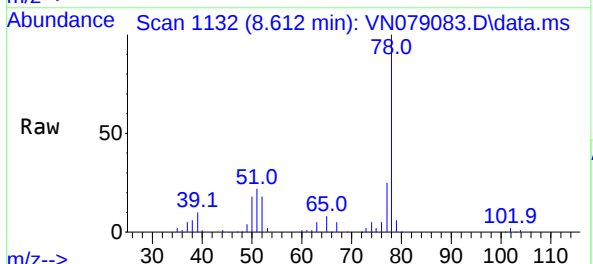
Tgt Ion:117 Resp: 66072
Ion Ratio Lower Upper
117 100
119 104.1 72.6 108.8
121 29.8 20.7 31.1

Manual Integrations
APPROVED

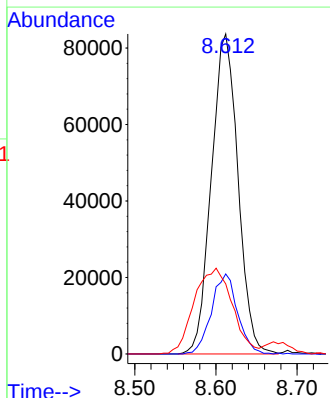
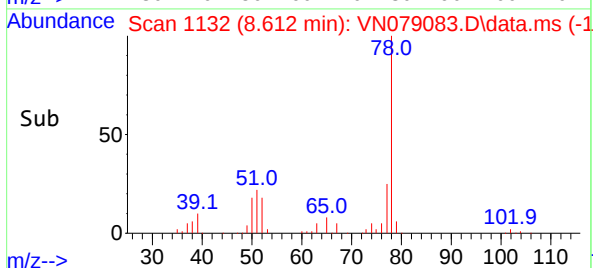
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

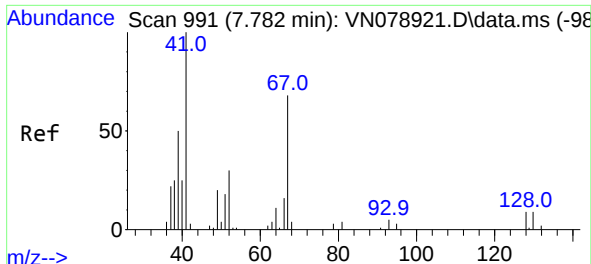


#34
Benzene
Concen: 19.677 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31



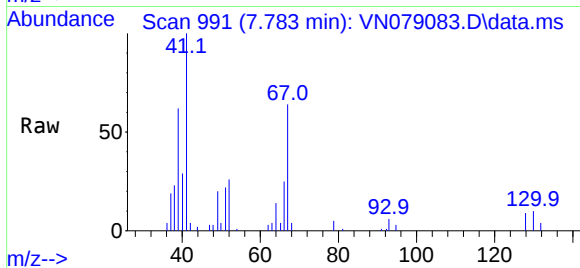
Tgt Ion: 78 Resp: 190715
Ion Ratio Lower Upper
78 100
77 25.0 19.9 29.9
51 19.7 14.8 22.2





#35
Methacrylonitrile
Concen: 18.509 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

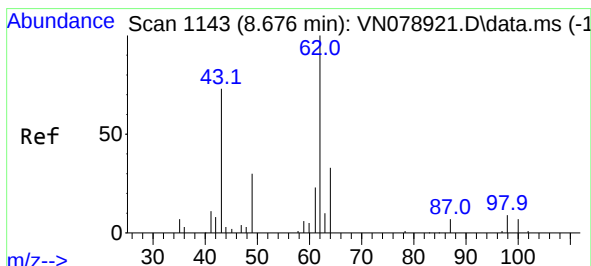
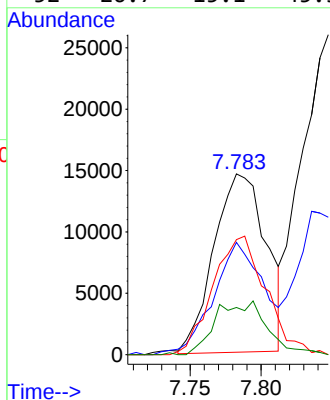
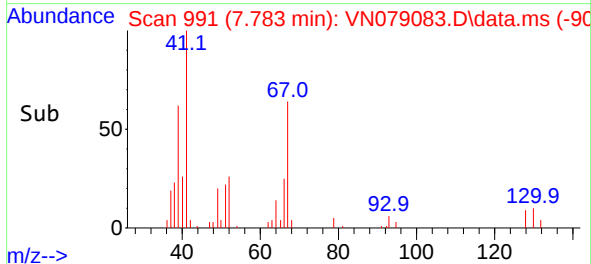
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBS01



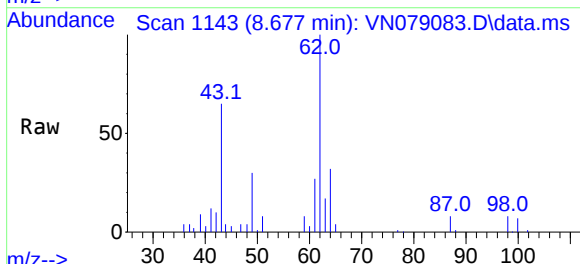
Tgt Ion: 41 Resp: 3735
Ion Ratio Lower Upper
41 100
39 60.4 25.0 75.0
67 63.3 34.0 102.0
52 26.7 15.1 45.3

Manual Integrations
APPROVED

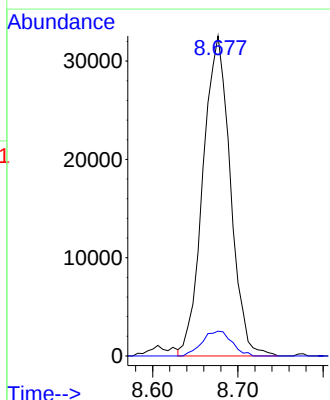
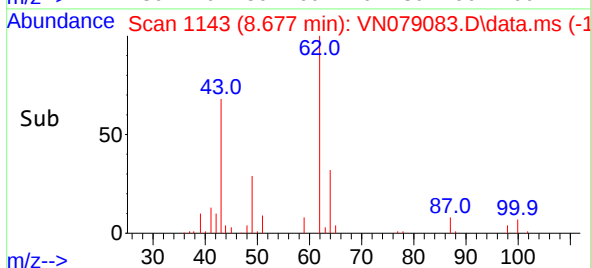
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

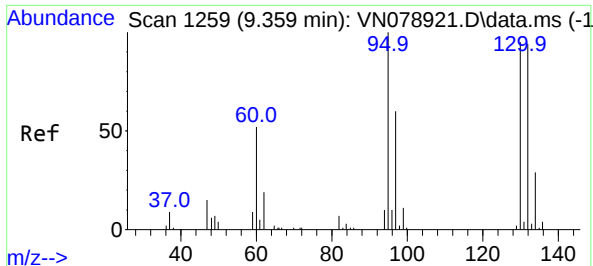


#36
1,2-Dichloroethane
Concen: 20.040 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31



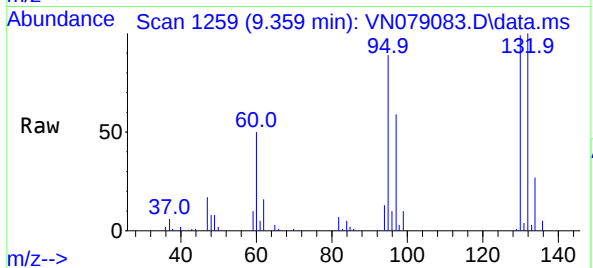
Tgt Ion: 62 Resp: 72736
Ion Ratio Lower Upper
62 100
98 8.4 8.1 12.1





#37
Trichloroethene
Concen: 19.258 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

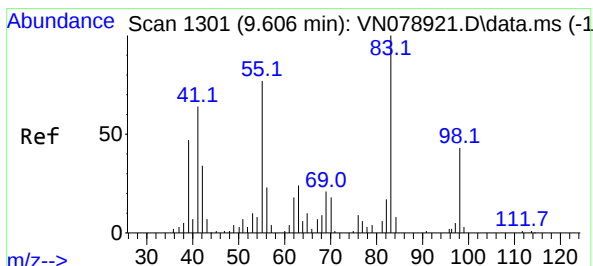
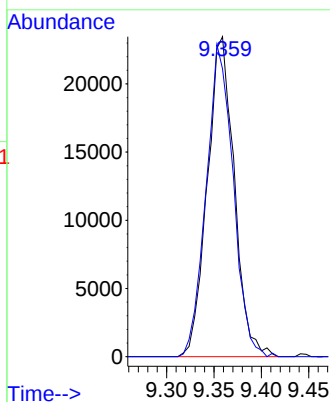
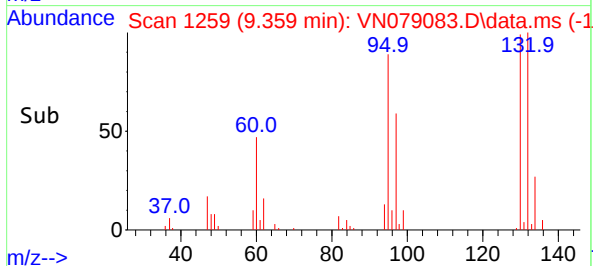
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBS01



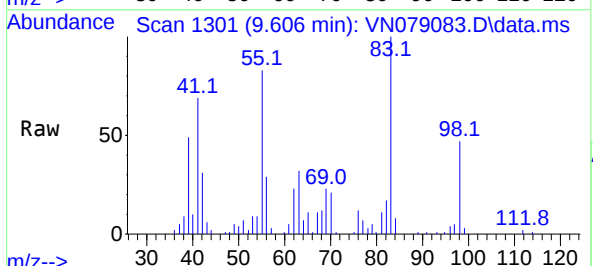
Tgt Ion:130 Resp: 46462
Ion Ratio Lower Upper
130 100
95 89.9 84.6 127.0

Manual Integrations
APPROVED

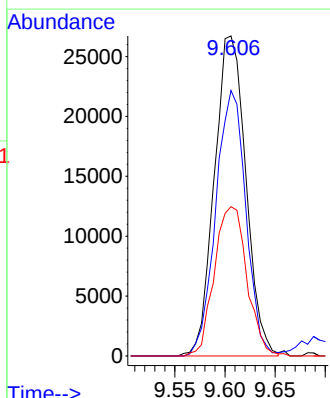
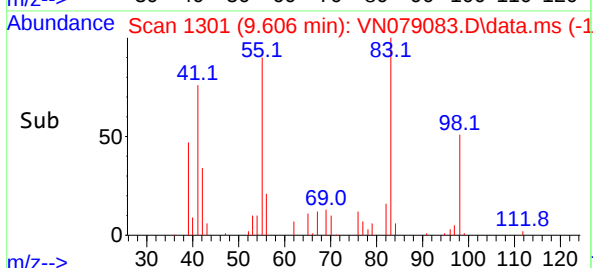
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

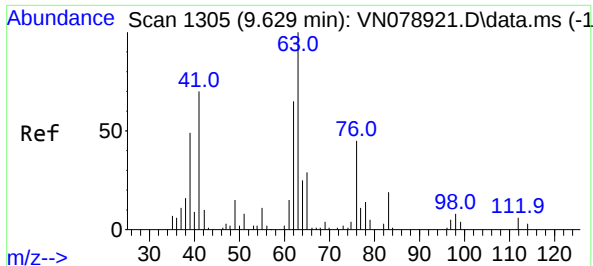


#38
Methylcyclohexane
Concen: 20.461 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31



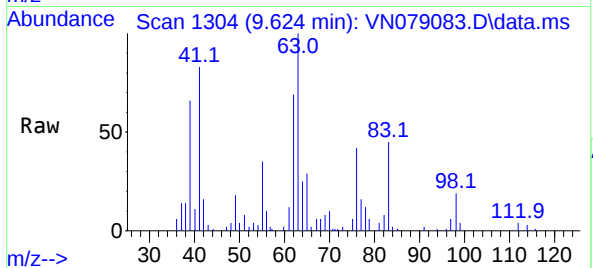
Tgt Ion: 83 Resp: 58261
Ion Ratio Lower Upper
83 100
55 79.1 40.2 120.6
98 48.3 24.1 72.3





#39
1,2-Dichloropropane
Concen: 19.525 ug/l
RT: 9.624 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

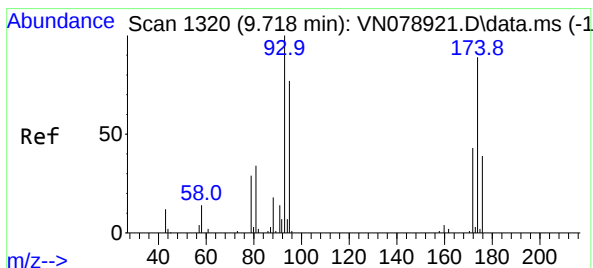
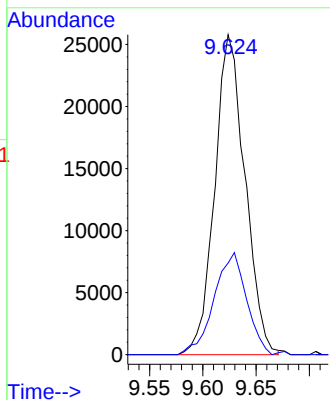
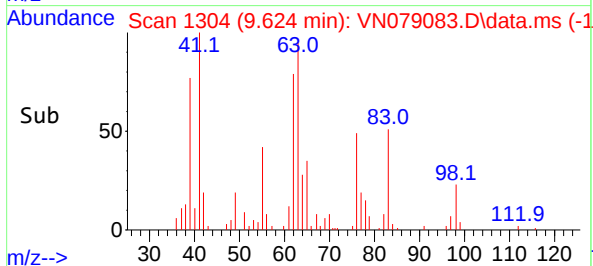
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBS01



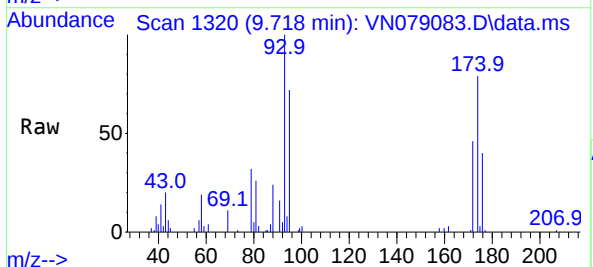
Tgt Ion: 63 Resp: 50974
Ion Ratio Lower Upper
63 100
65 28.7 23.5 35.3

Manual Integrations
APPROVED

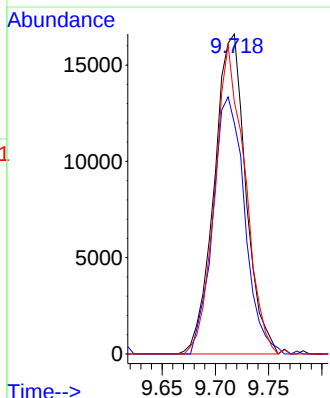
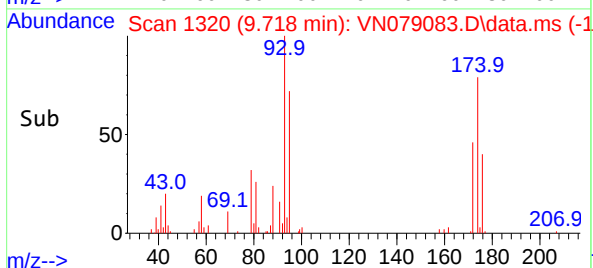
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

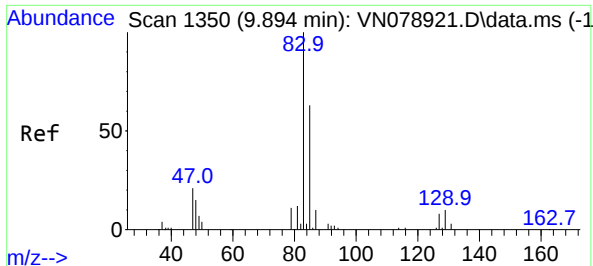


#40
Dibromomethane
Concen: 19.525 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31



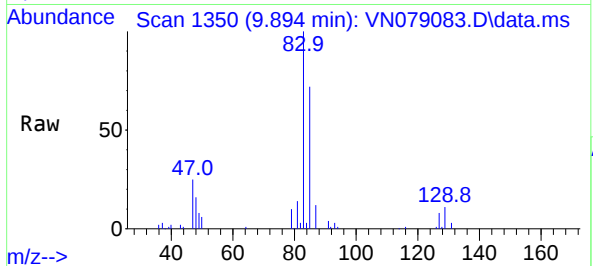
Tgt Ion: 93 Resp: 34169
Ion Ratio Lower Upper
93 100
95 80.9 0.0 162.0
174 92.0 0.0 188.6





#41
Bromodichloromethane
Concen: 19.149 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

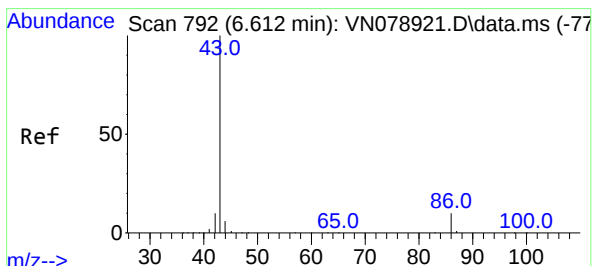
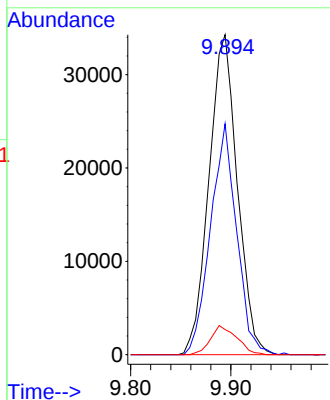
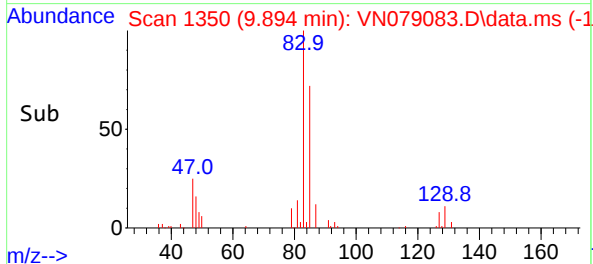
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBS01



Tgt Ion: 83 Resp: 67392
Ion Ratio Lower Upper
83 100
85 72.2 50.2 75.2
127 7.8 6.2 9.4

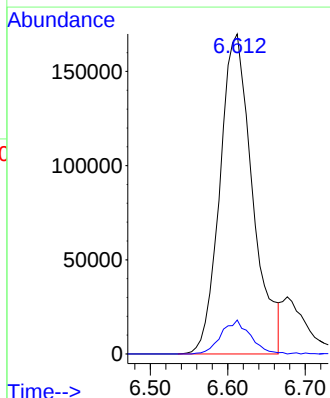
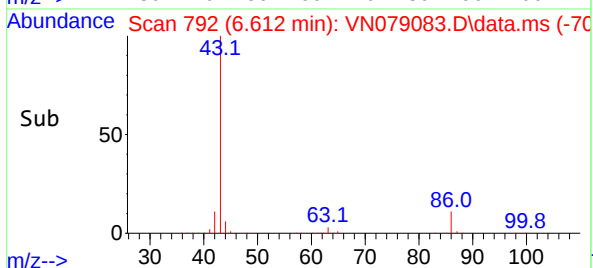
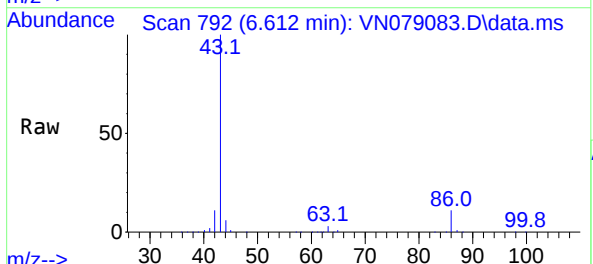
Manual Integrations
APPROVED

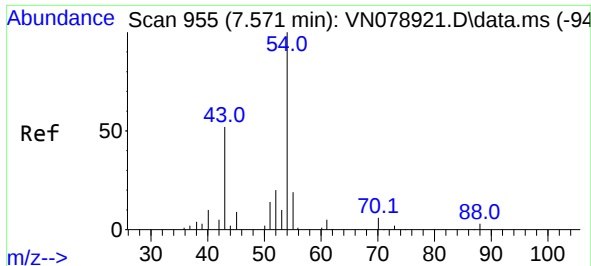
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#42
Vinyl Acetate
Concen: 93.555 ug/l
RT: 6.612 min Scan# 792
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

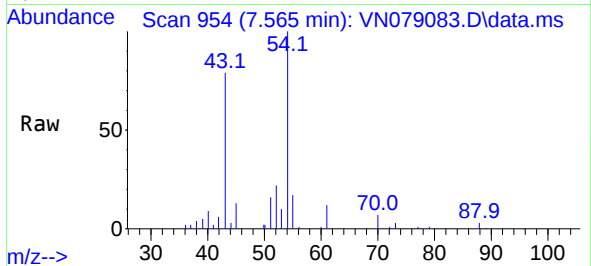
Tgt Ion: 43 Resp: 499420
Ion Ratio Lower Upper
43 100
86 9.4 7.4 11.0





#43
Ethyl Acetate
Concen: 18.514 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

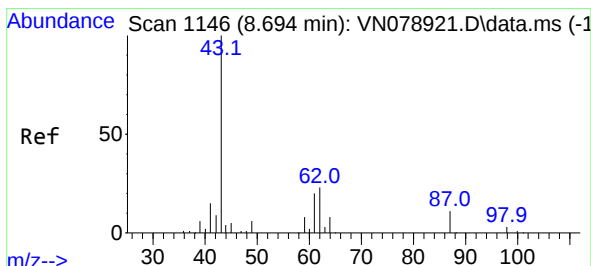
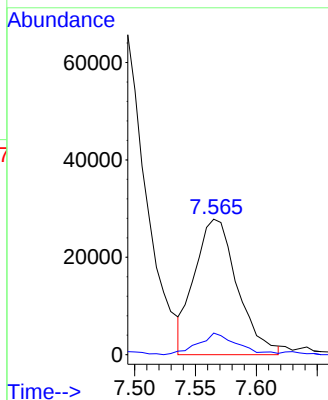
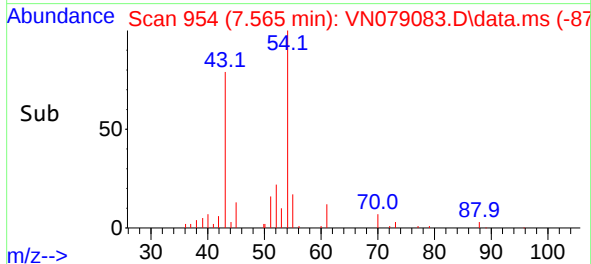
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBS01



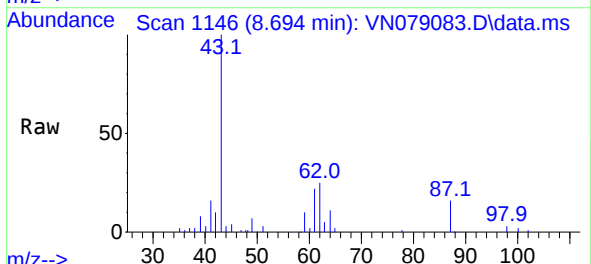
Tgt Ion: 43 Resp: 6800
Ion Ratio Lower Upper
43 100
45 13.7 9.6 14.4

Manual Integrations
APPROVED

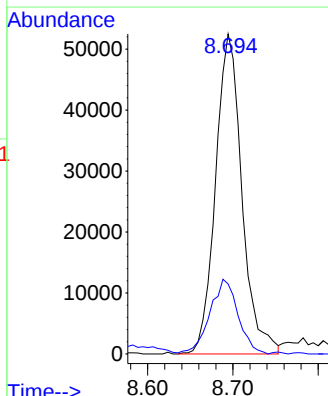
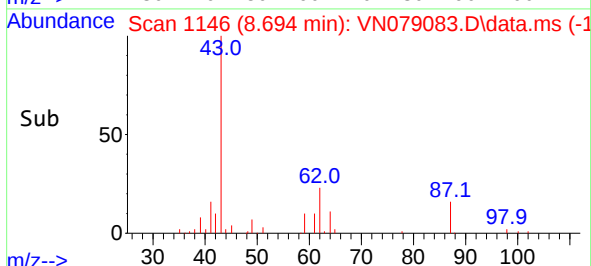
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

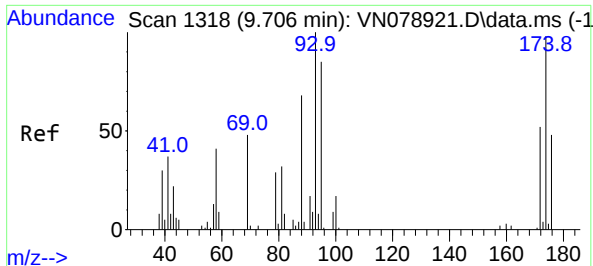


#44
Isopropyl Acetate
Concen: 17.457 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31



Tgt Ion: 43 Resp: 112988
Ion Ratio Lower Upper
43 100
61 24.9 19.0 28.4





#45

1,4-Dioxane

Concen: 390.249 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN079083.D

Acq: 29 Aug 2023 10:31

Instrument :

MSVOA_N

ClientSampleId :

VN0829WBS01

Tgt Ion: 88 Resp: 1900

Ion Ratio Lower Upper

88 100

43 35.0 28.1 42.1

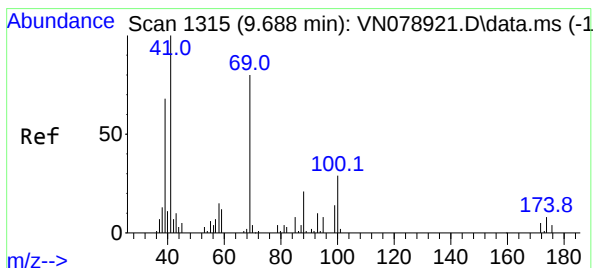
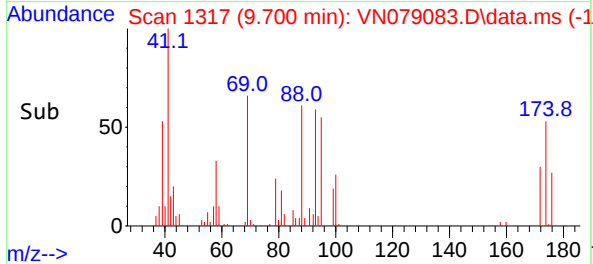
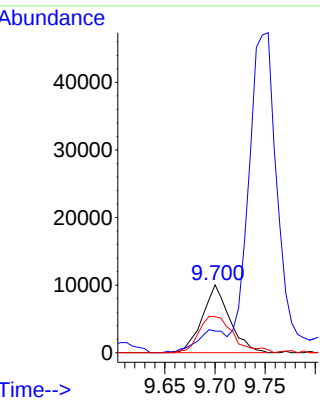
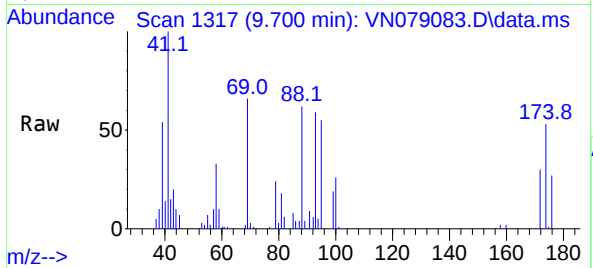
58 65.2 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 09/01/2023



#46

Methyl methacrylate

Concen: 18.455 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.006 min

Lab File: VN079083.D

Acq: 29 Aug 2023 10:31

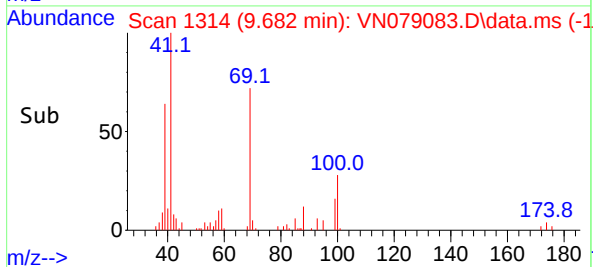
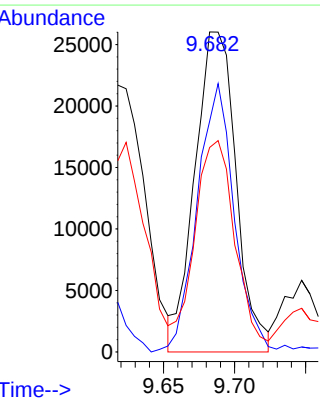
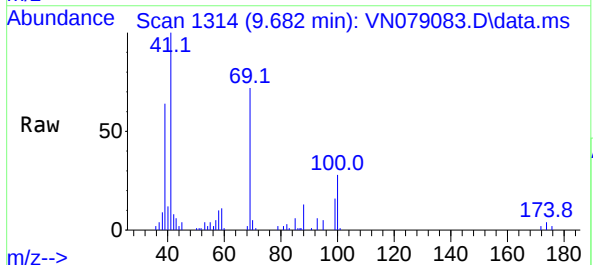
Tgt Ion: 41 Resp: 52626

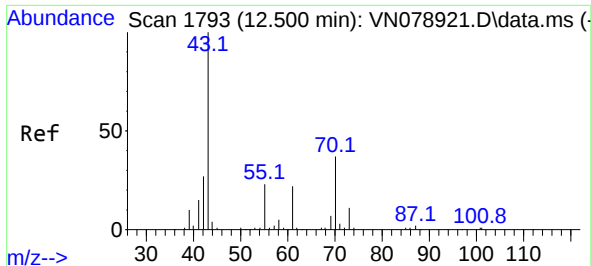
Ion Ratio Lower Upper

41 100

69 75.1 38.5 115.5

39 64.5 35.9 107.8





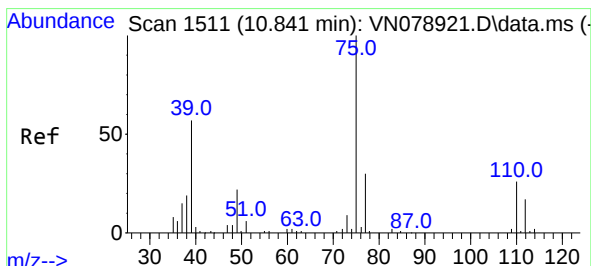
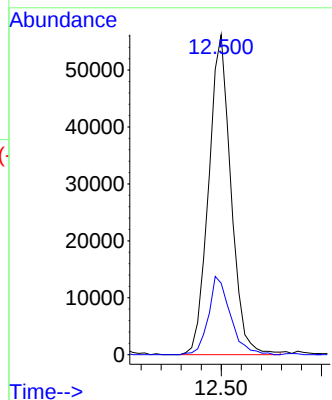
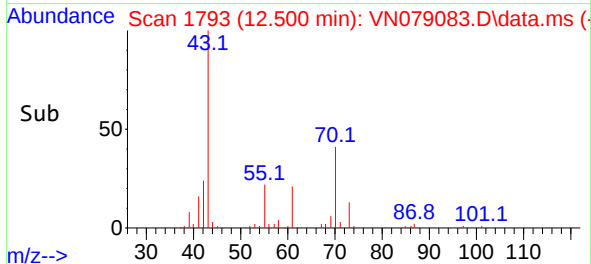
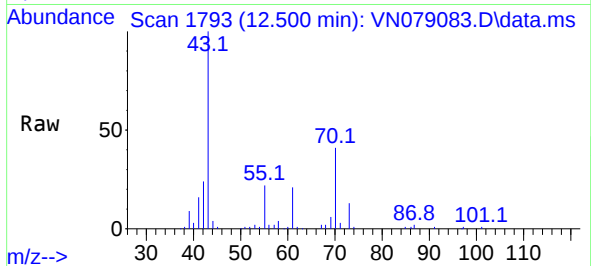
#47
n-amyl acetate
Concen: 17.493 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

Instrument :
MSVOA_N
ClientSampleId :
VN0829WBS01

Tgt Ion: 43 Resp: 86880
Ion Ratio Lower Upper
43 100
55 24.1 17.5 26.3

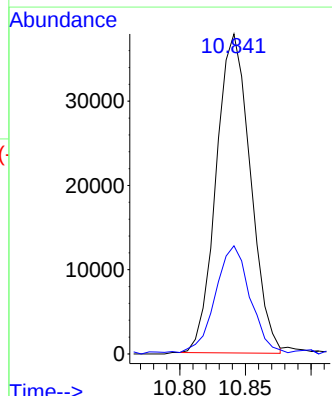
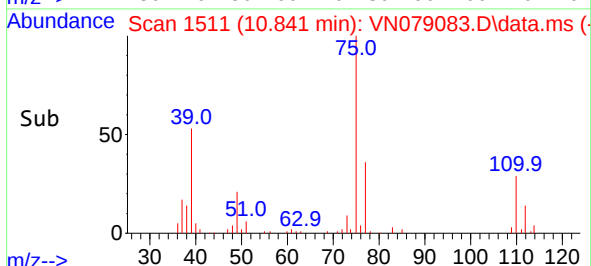
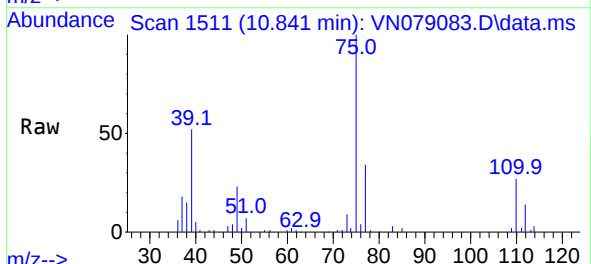
Manual Integrations
APPROVED

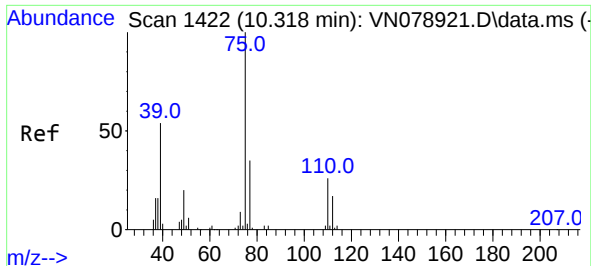
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#48
t-1,3-Dichloropropene
Concen: 18.332 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

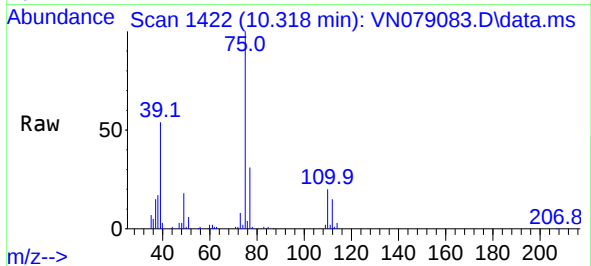
Tgt Ion: 75 Resp: 68713
Ion Ratio Lower Upper
75 100
77 33.5 23.7 35.5





#49
cis-1,3-Dichloropropene
Concen: 19.100 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

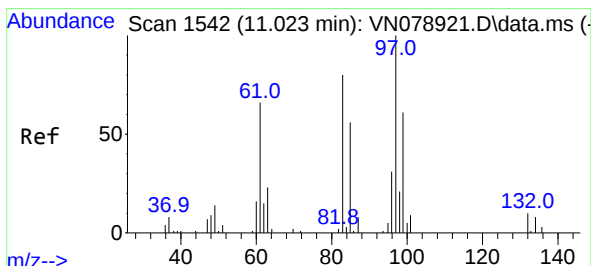
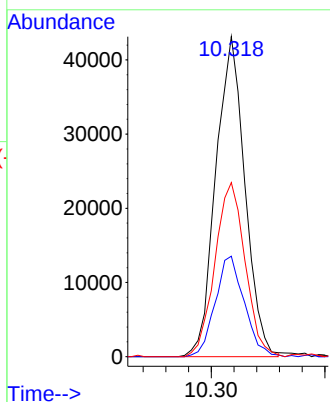
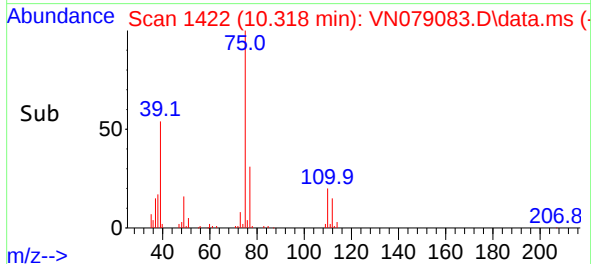
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBS01



Tgt Ion: 75 Resp: 76760
Ion Ratio Lower Upper
75 100
77 31.4 27.8 41.8
39 54.4 43.5 65.3

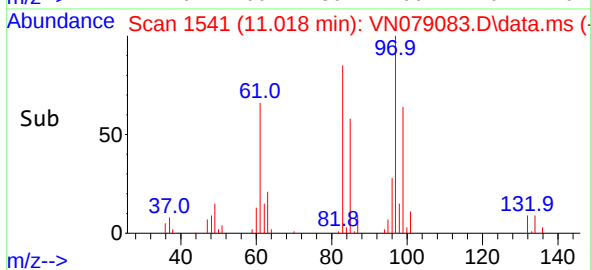
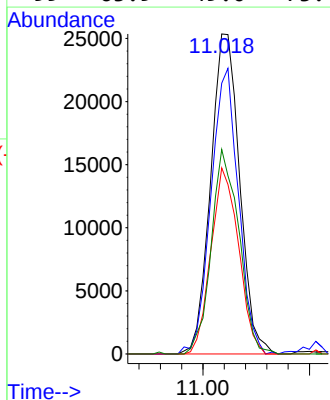
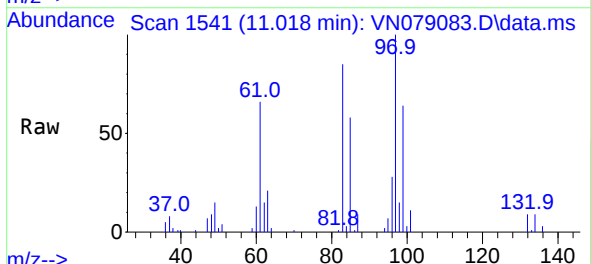
Manual Integrations
APPROVED

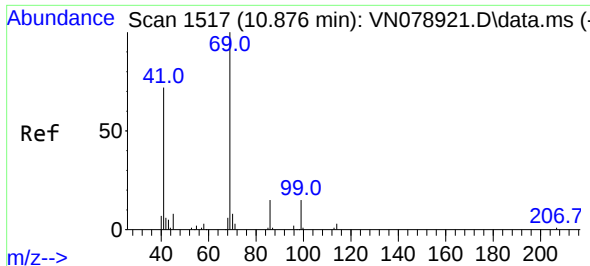
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#50
1,1,2-Trichloroethane
Concen: 20.273 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

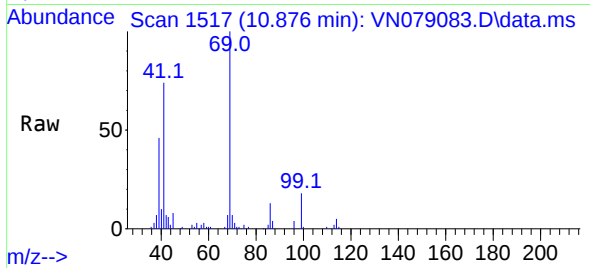
Tgt Ion: 97 Resp: 47943
Ion Ratio Lower Upper
97 100
83 84.6 63.7 95.5
85 58.1 44.9 67.3
99 63.9 49.0 73.4





#51
Ethyl methacrylate
Concen: 18.305 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

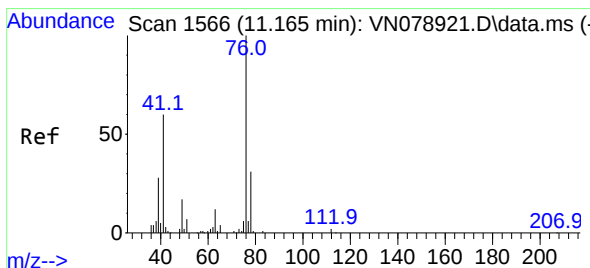
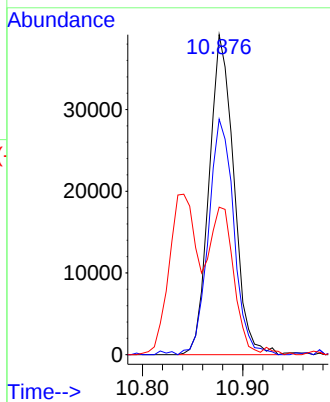
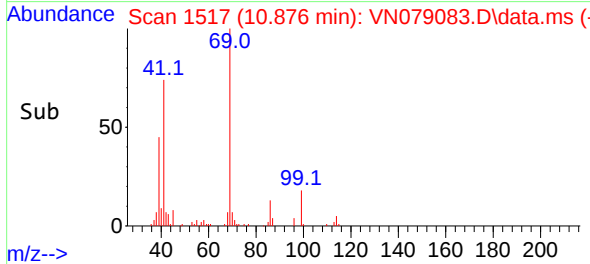
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBS01



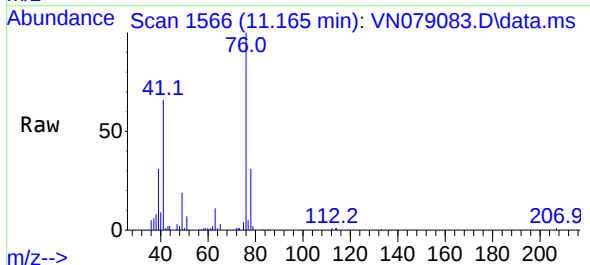
Tgt Ion: 69 Resp: 67000
Ion Ratio Lower Upper
69 100
41 73.6 35.9 107.8
39 45.0 23.5 70.5

Manual Integrations
APPROVED

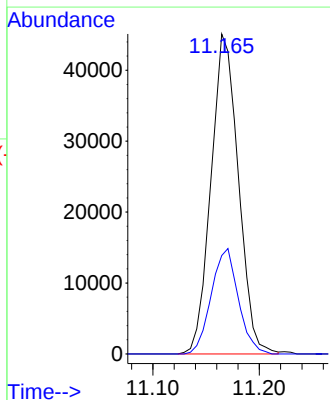
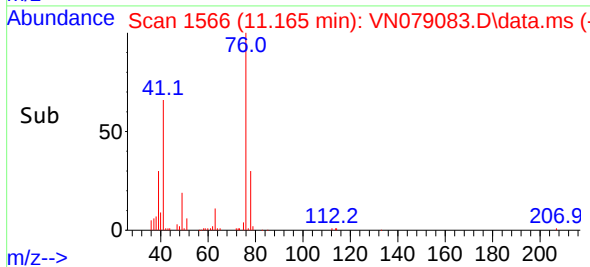
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

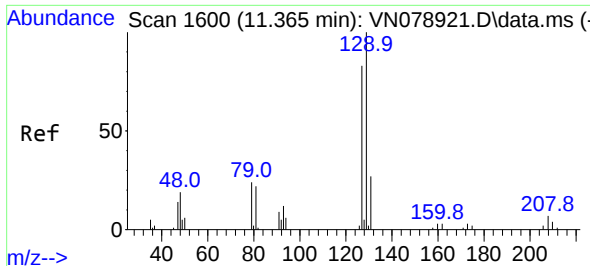


#52
1,3-Dichloropropane
Concen: 19.016 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31



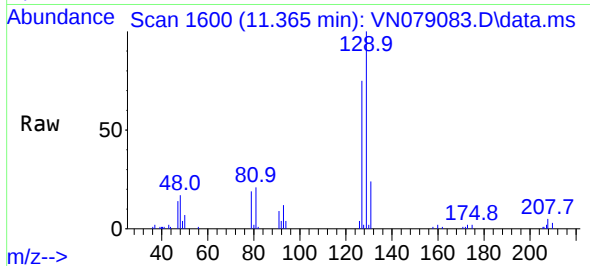
Tgt Ion: 76 Resp: 80548
Ion Ratio Lower Upper
76 100
78 32.6 0.0 64.6





#53
Dibromochloromethane
Concen: 19.973 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

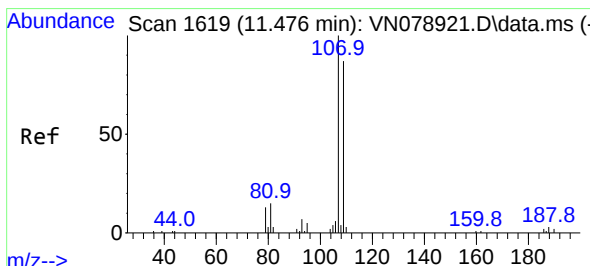
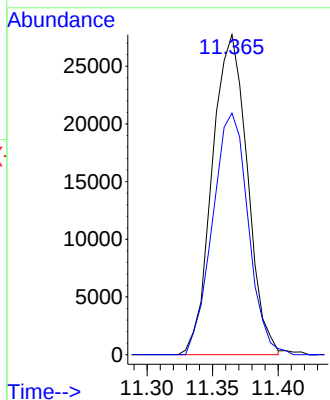
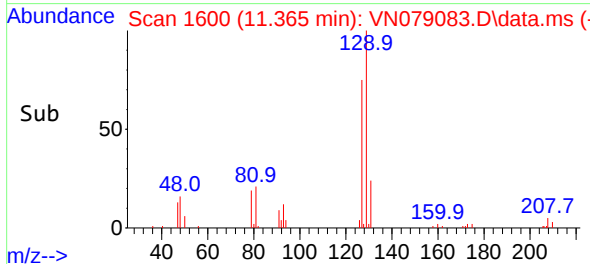
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBS01



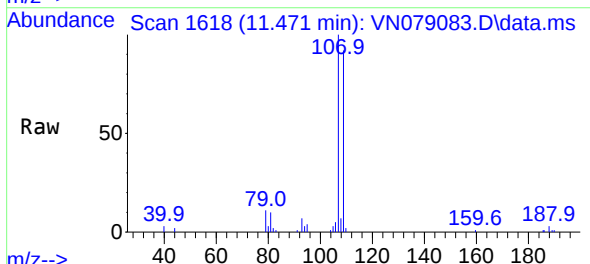
Tgt Ion:129 Resp: 51690
Ion Ratio Lower Upper
129 100
127 76.6 40.1 120.2

Manual Integrations
APPROVED

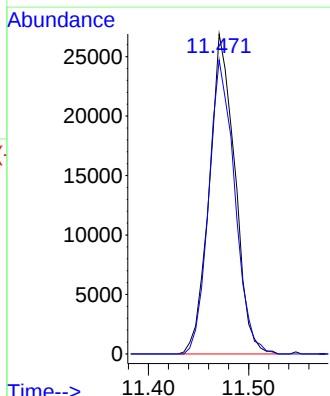
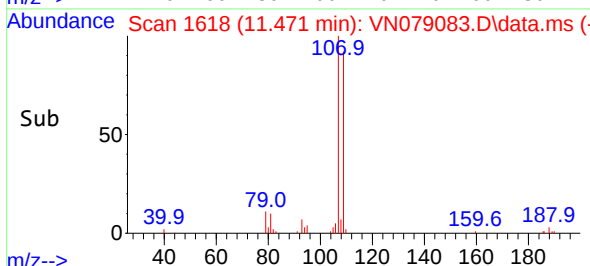
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

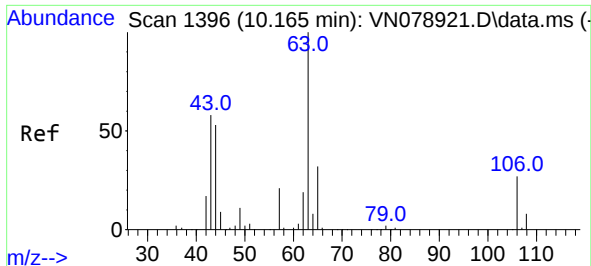


#54
1,2-Dibromoethane
Concen: 19.636 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31



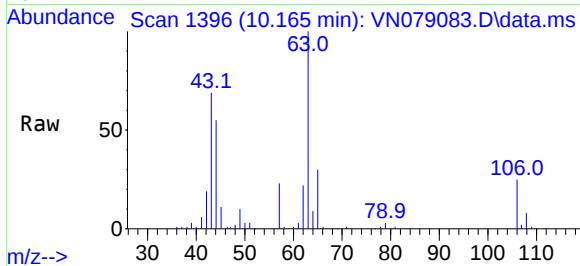
Tgt Ion:107 Resp: 47675
Ion Ratio Lower Upper
107 100
109 93.3 71.7 107.5





#55
2-Chloroethyl vinyl ether
Concen: 69.593 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

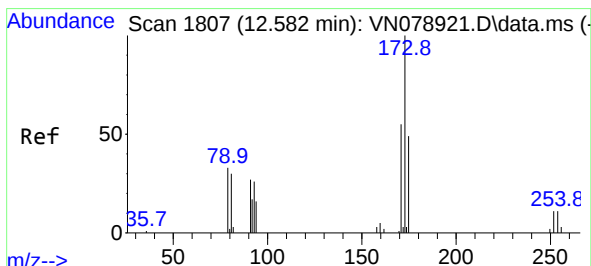
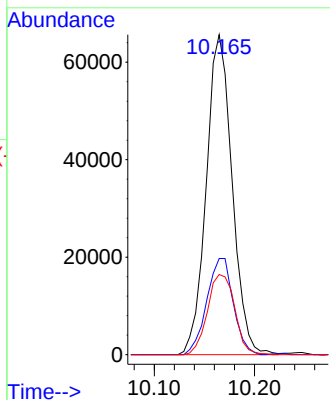
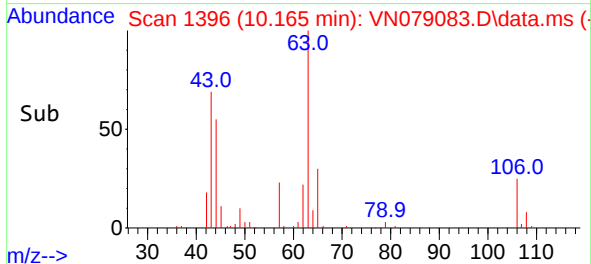
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBS01



Tgt Ion: 63 Resp: 117739
Ion Ratio Lower Upper
63 100
65 30.8 25.4 38.2
106 26.3 22.3 33.5

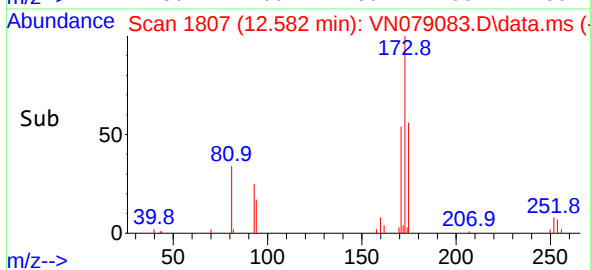
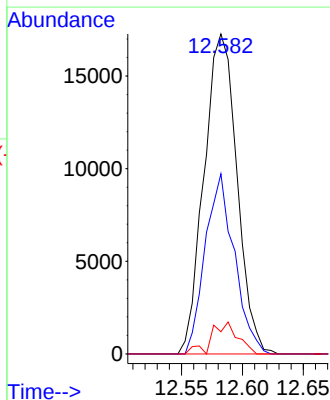
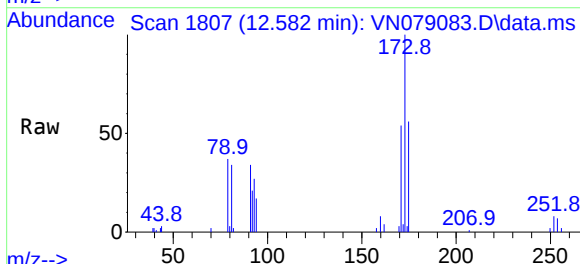
Manual Integrations
APPROVED

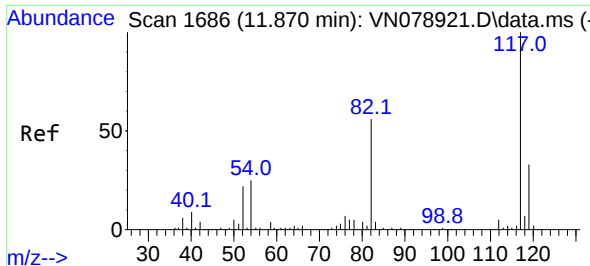
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#56
Bromoform
Concen: 17.802 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

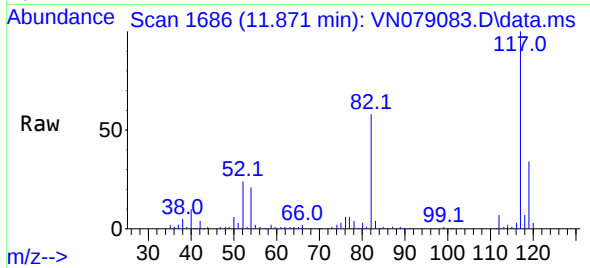
Tgt Ion:173 Resp: 32510
Ion Ratio Lower Upper
173 100
175 49.7 38.8 58.2
254 7.1 7.6 11.4#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

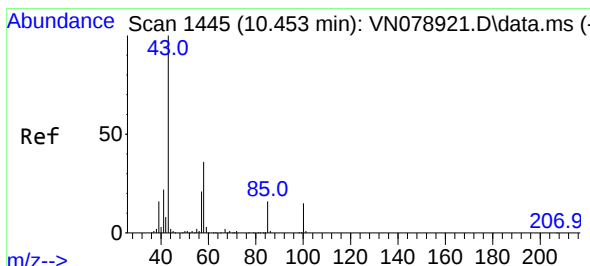
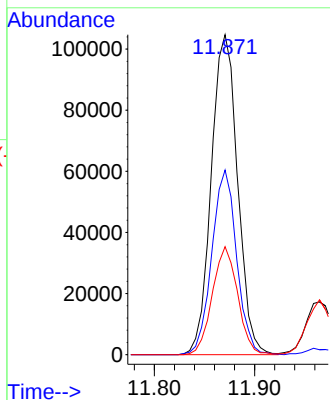
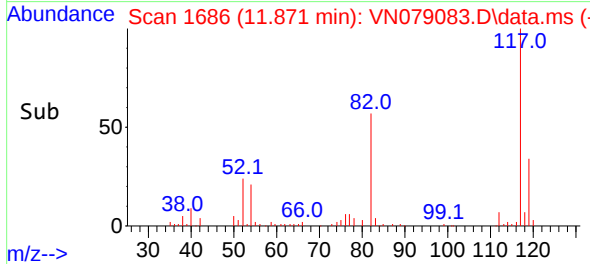
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBS01



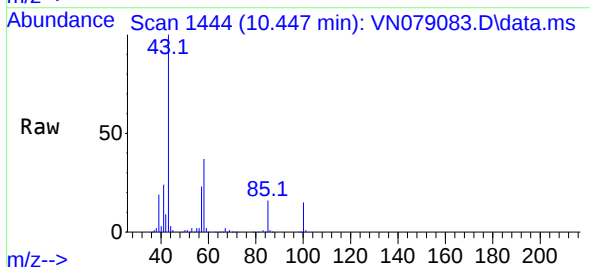
Tgt Ion:117 Resp: 19110
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 32.5 25.5 38.3

Manual Integrations
APPROVED

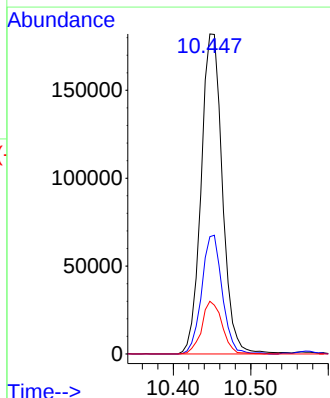
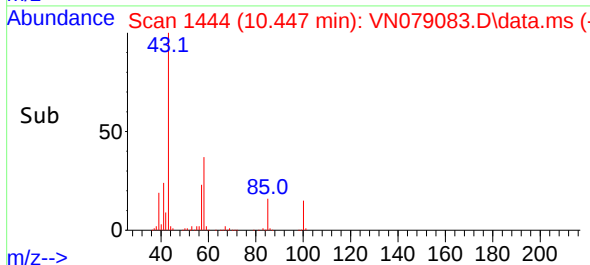
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

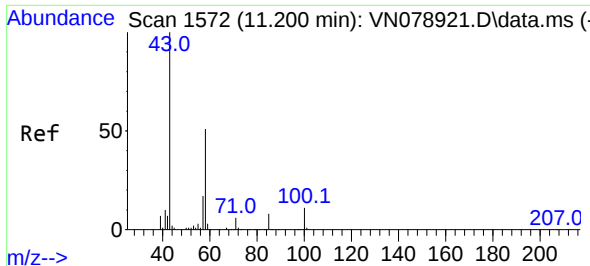


#58
4-Methyl-2-Pentanone
Concen: 91.489 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31



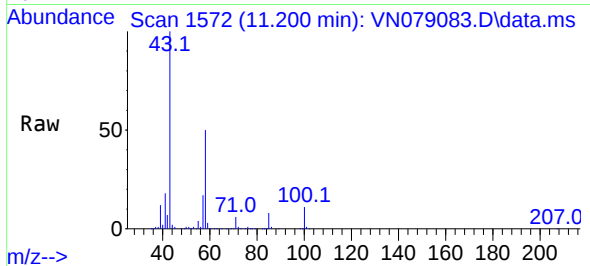
Tgt Ion: 43 Resp: 346883
Ion Ratio Lower Upper
43 100
58 35.9 28.8 43.2
85 15.7 12.7 19.1





#59
2-Hexanone
Concen: 91.004 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

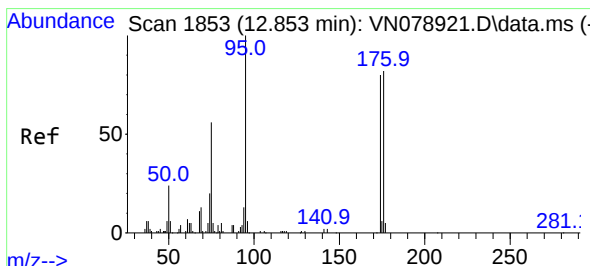
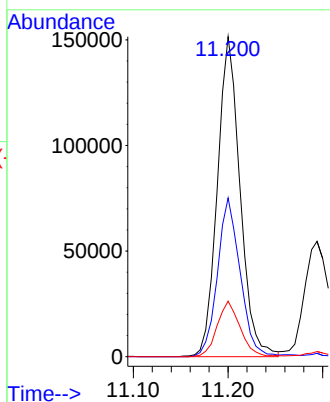
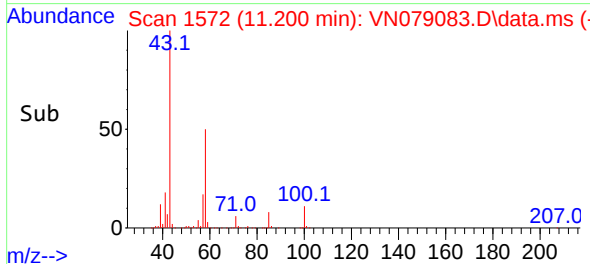
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBS01



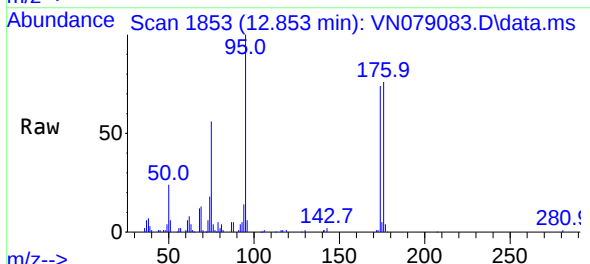
Tgt Ion: 43 Resp: 25280
Ion Ratio Lower Upper
43 100
58 49.3 40.6 60.8
57 17.4 13.6 20.4

Manual Integrations
APPROVED

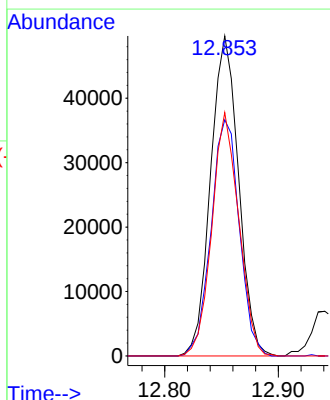
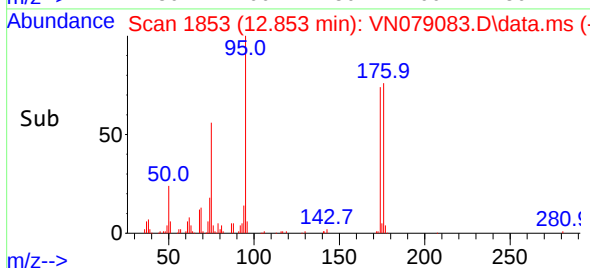
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

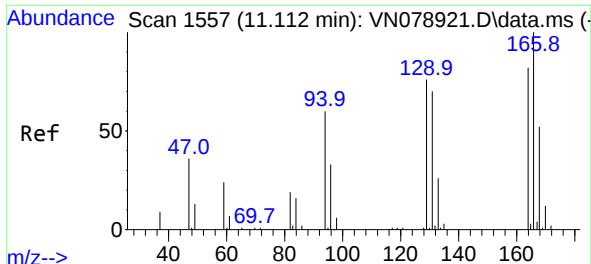


#60
4-Bromofluorobenzene
Concen: 30.453 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31



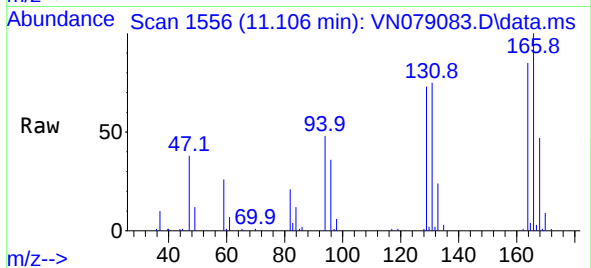
Tgt Ion: 95 Resp: 84891
Ion Ratio Lower Upper
95 100
174 74.6 64.8 97.2
176 73.3 63.0 94.6





#61
Tetrachloroethene
Concen: 20.806 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

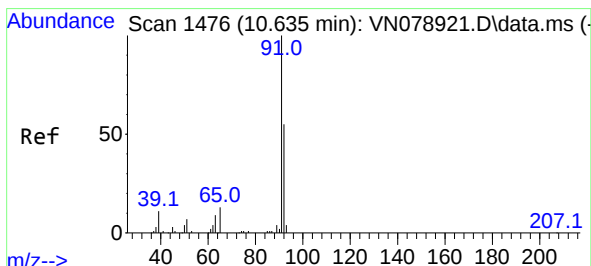
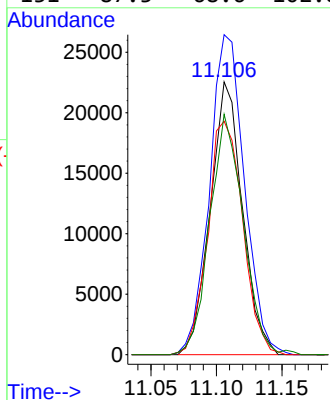
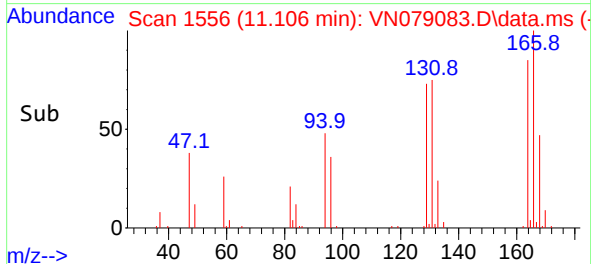
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBS01



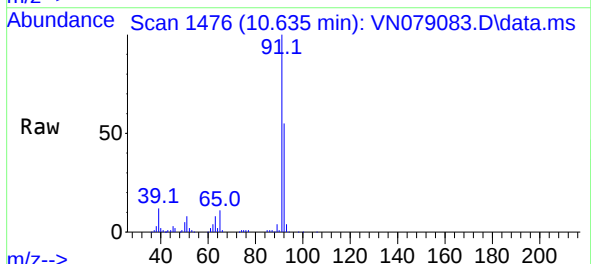
Tgt Ion:164 Resp: 38498
Ion Ratio Lower Upper
164 100
166 116.6 97.6 146.4
129 84.8 74.1 111.1
131 87.3 68.6 102.8

Manual Integrations
APPROVED

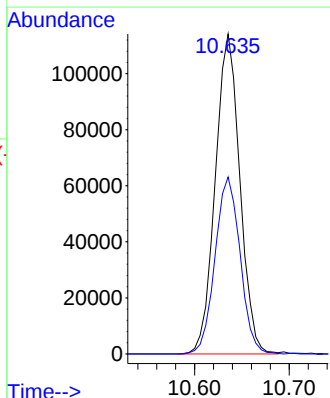
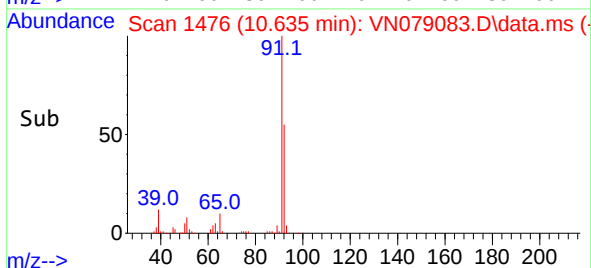
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

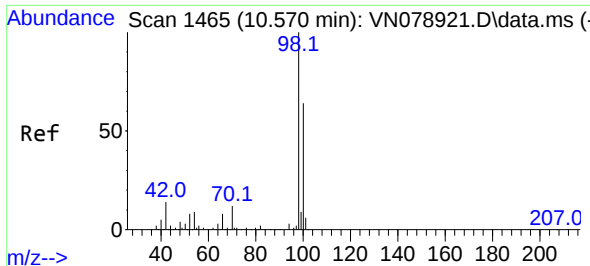


#62
Toluene
Concen: 19.742 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31



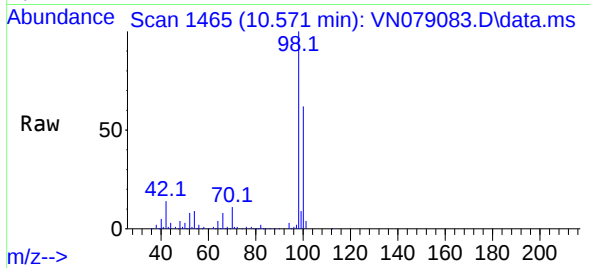
Tgt Ion: 91 Resp: 205976
Ion Ratio Lower Upper
91 100
92 56.3 44.7 67.1





#63
Toluene-d8
Concen: 30.619 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

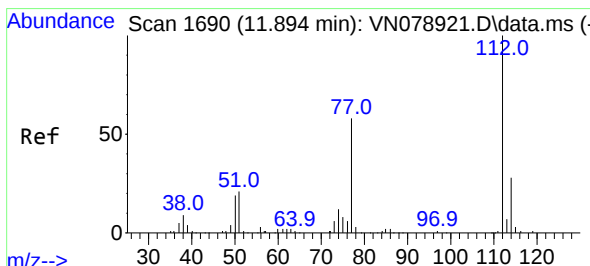
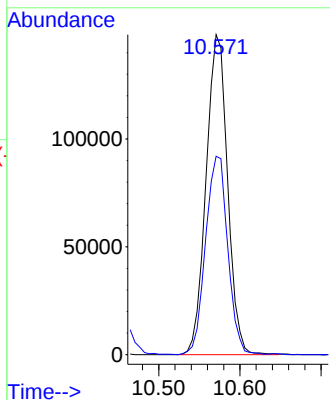
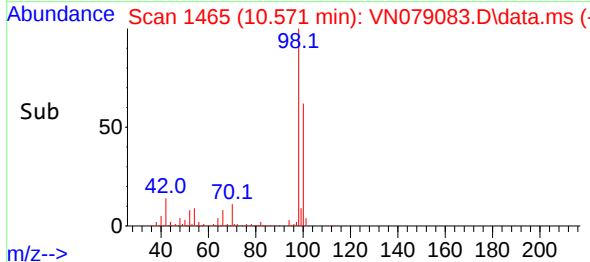
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBS01



Tgt Ion: 98 Resp: 273248
Ion Ratio Lower Upper
98 100
100 64.0 51.1 76.7

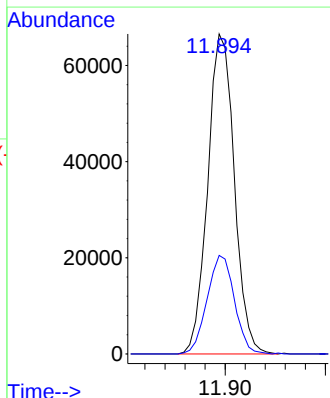
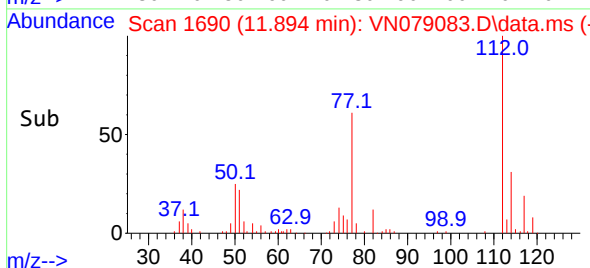
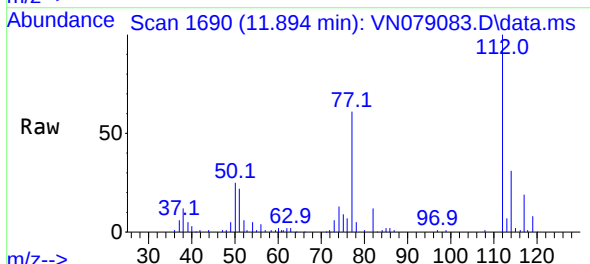
Manual Integrations
APPROVED

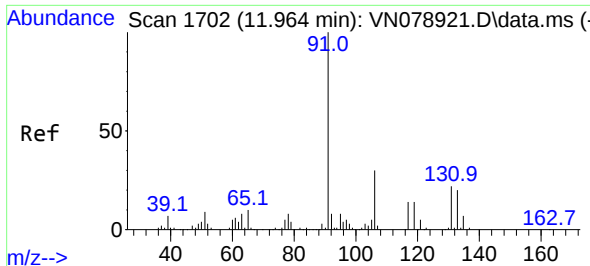
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#64
Chlorobenzene
Concen: 19.517 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

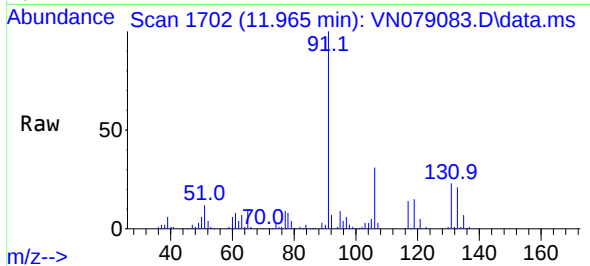
Tgt Ion:112 Resp: 122432
Ion Ratio Lower Upper
112 100
114 30.8 22.4 33.6





#65
1,1,1,2-Tetrachloroethane
Concen: 19.502 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

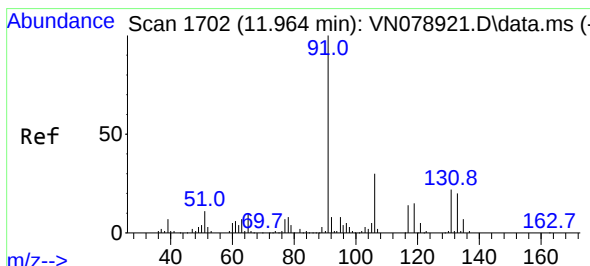
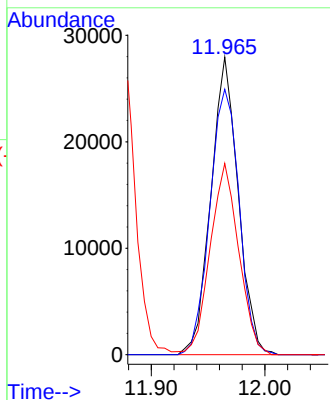
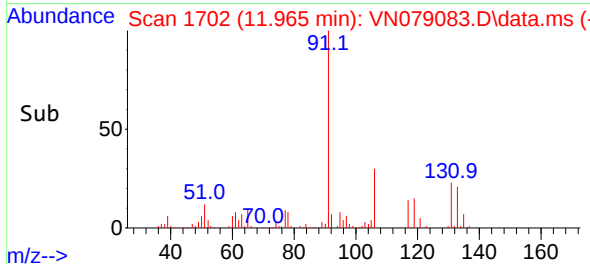
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBS01



Tgt Ion:131 Resp: 46778
Ion Ratio Lower Upper
131 100
133 95.7 0.0 184.8
119 67.3 0.0 133.4

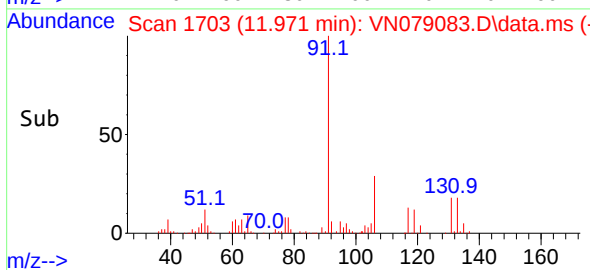
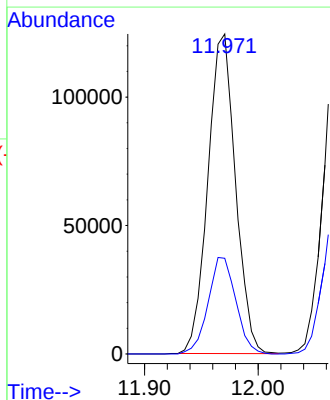
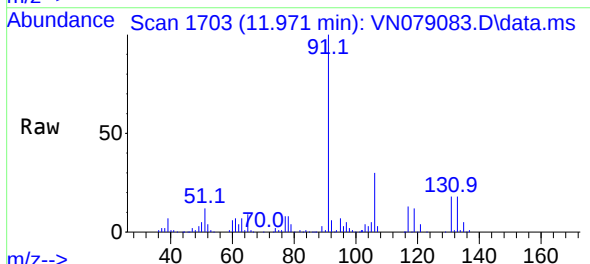
Manual Integrations
APPROVED

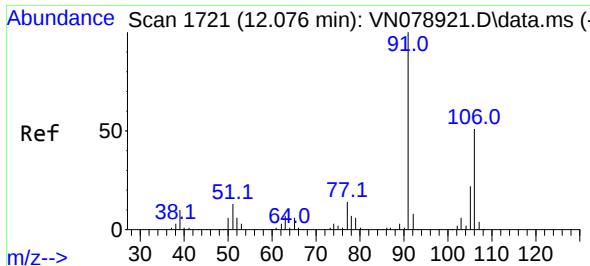
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#66
Ethyl Benzene
Concen: 19.276 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

Tgt Ion: 91 Resp: 210362
Ion Ratio Lower Upper
91 100
106 30.0 24.1 36.1





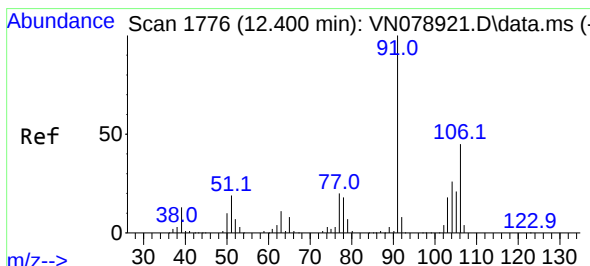
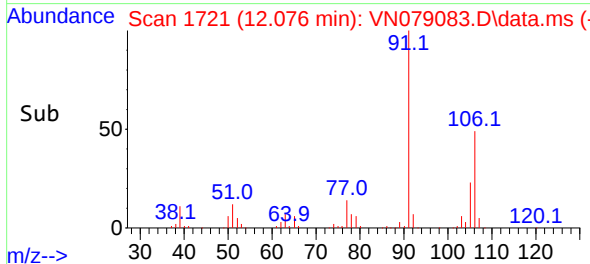
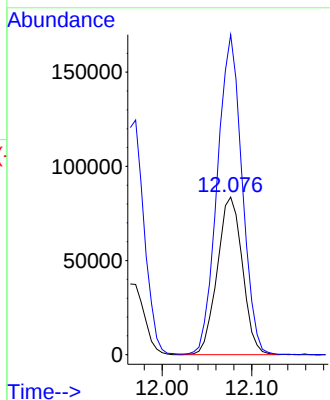
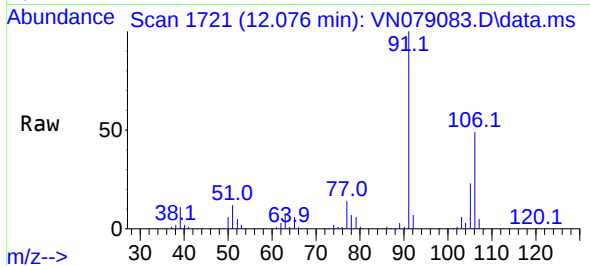
#67
m/p-Xylenes
Concen: 40.029 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

Instrument :
MSVOA_N
ClientSampleId :
VN0829WBS01

Tgt Ion:106 Resp: 162879
Ion Ratio Lower Upper
106 100
91 200.1 161.2 241.8

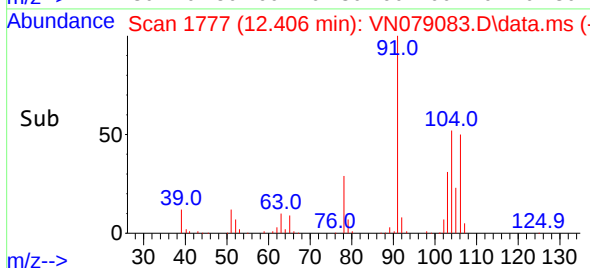
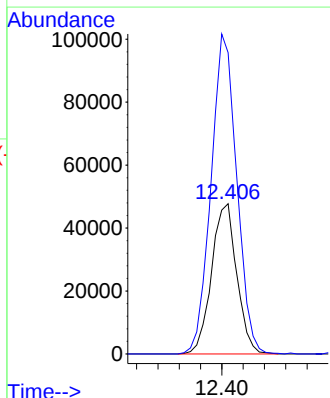
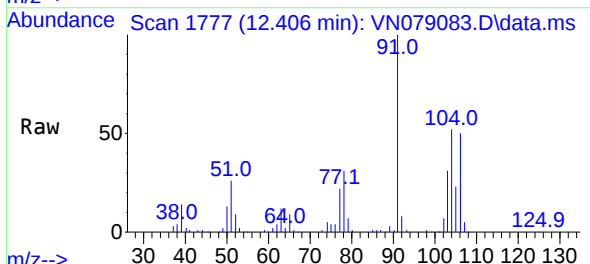
Manual Integrations
APPROVED

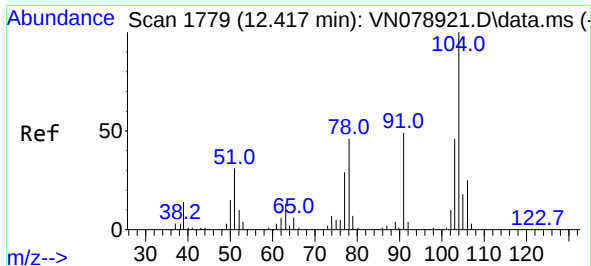
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#68
o-Xylene
Concen: 19.523 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

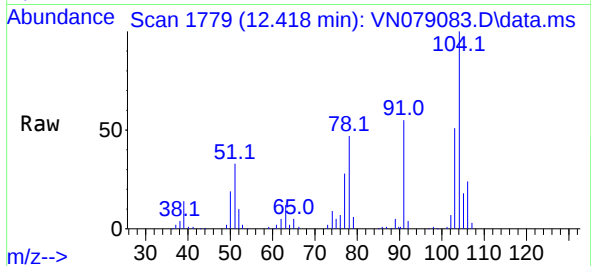
Tgt Ion:106 Resp: 78328
Ion Ratio Lower Upper
106 100
91 217.3 109.0 327.0





#69
Styrene
Concen: 19.347 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

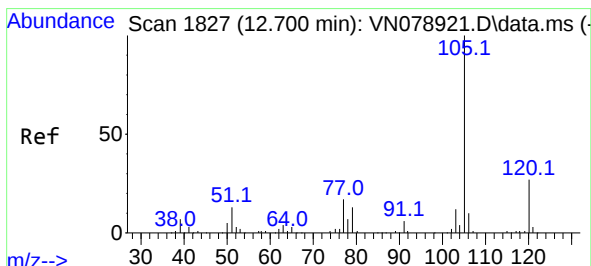
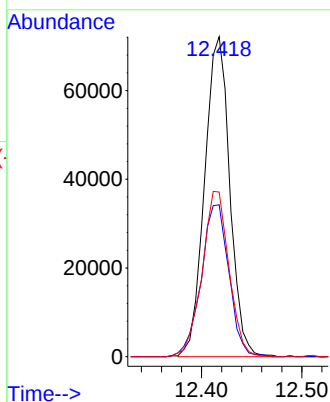
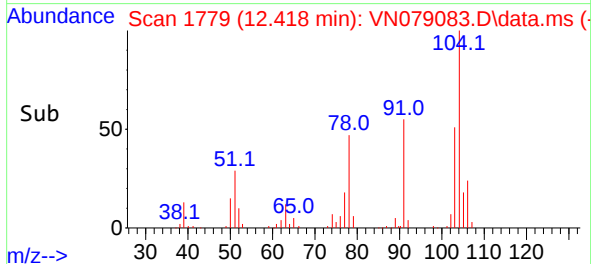
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBS01



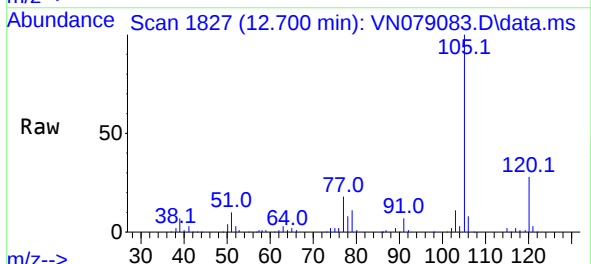
Tgt Ion:104 Resp: 126120
Ion Ratio Lower Upper
104 100
78 52.2 40.2 60.4
103 55.2 43.2 64.8

Manual Integrations
APPROVED

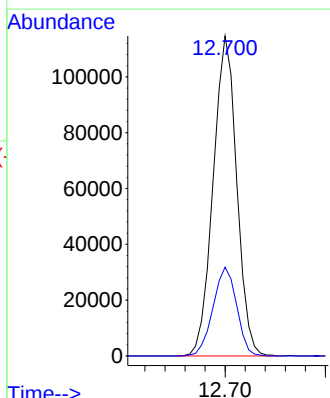
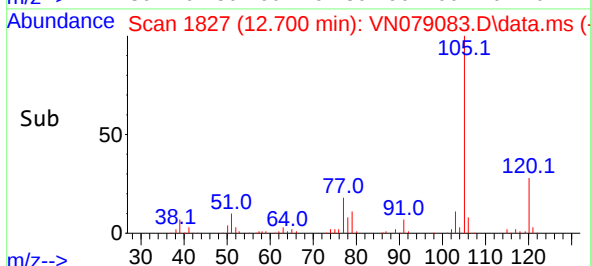
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

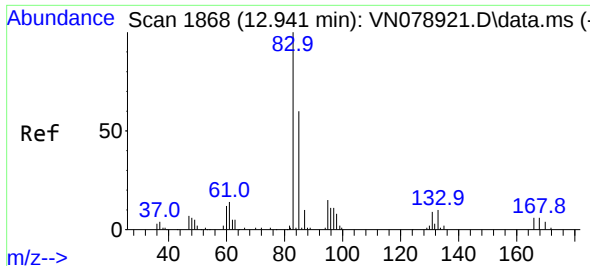


#70
Isopropylbenzene
Concen: 19.198 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31



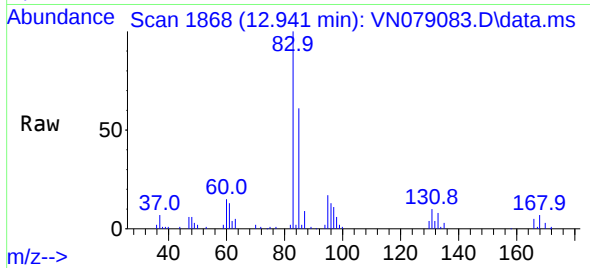
Tgt Ion:105 Resp: 186626
Ion Ratio Lower Upper
105 100
120 27.8 19.1 35.5





#71
1,1,2,2-Tetrachloroethane
Concen: 18.826 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

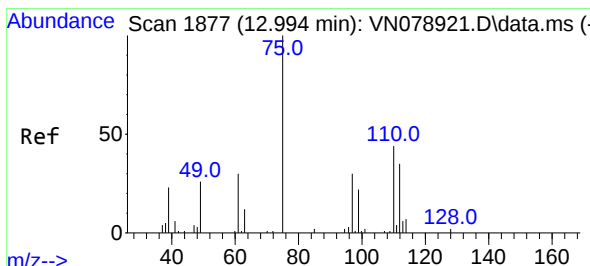
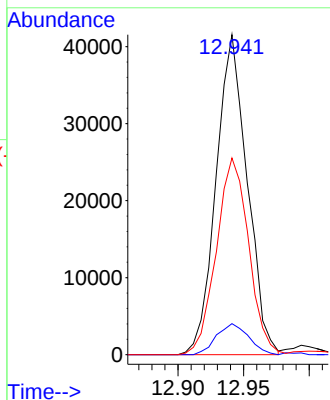
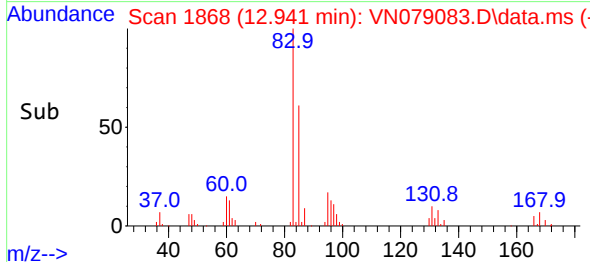
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBS01



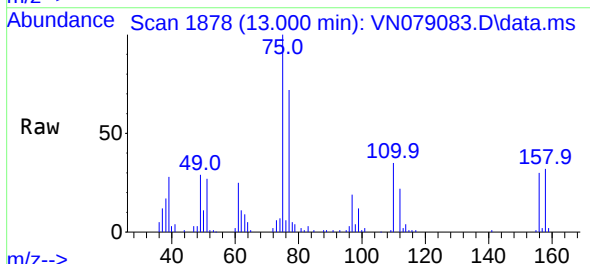
Tgt Ion: 83 Resp: 6860
Ion Ratio Lower Upper
83 100
131 10.0 4.7 14.0
85 63.8 31.9 95.7

Manual Integrations
APPROVED

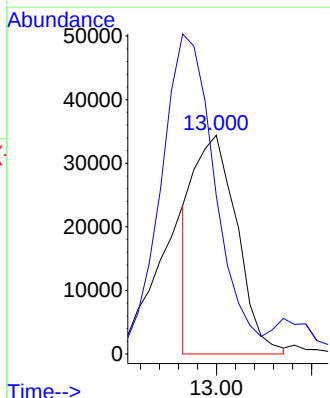
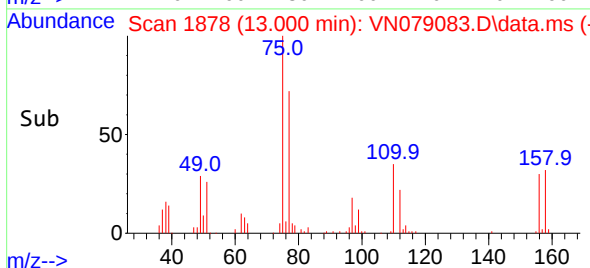
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

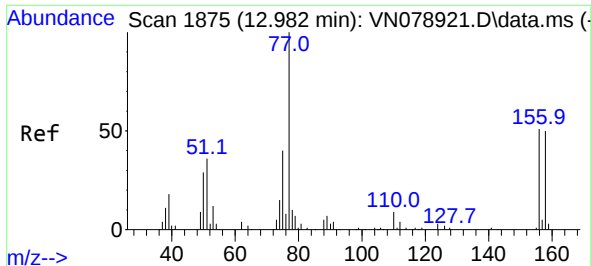


#72
1,2,3-Trichloropropane
Concen: 18.317 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31



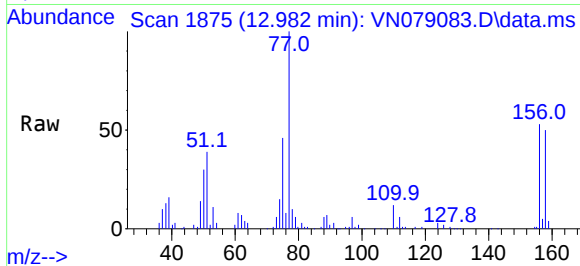
Tgt Ion: 75 Resp: 54762
Ion Ratio Lower Upper
75 100
77 182.9 0.0 367.4





#73
Bromobenzene
Concen: 19.001 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

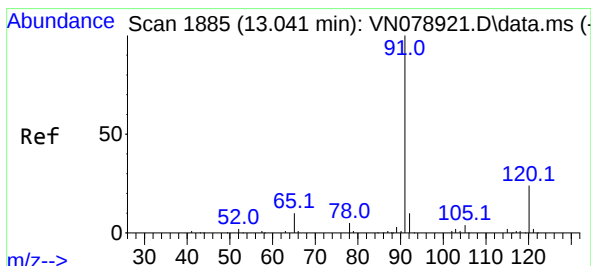
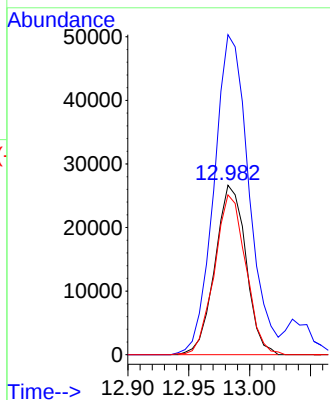
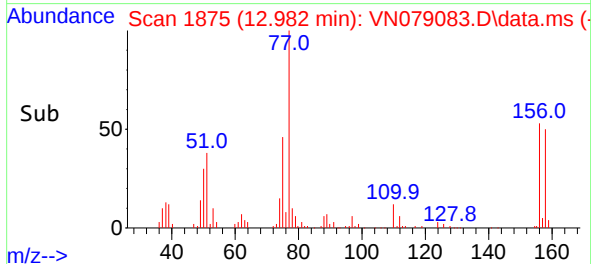
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBS01



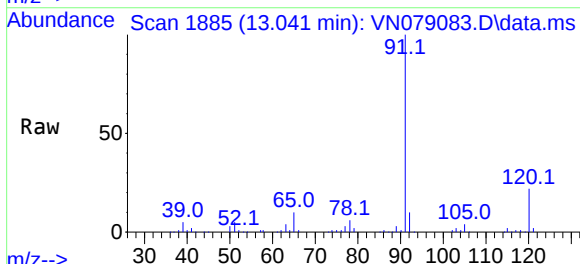
Tgt Ion:156 Resp: 47020
Ion Ratio Lower Upper
156 100
77 213.0 0.0 431.0
158 95.6 0.0 196.8

Manual Integrations
APPROVED

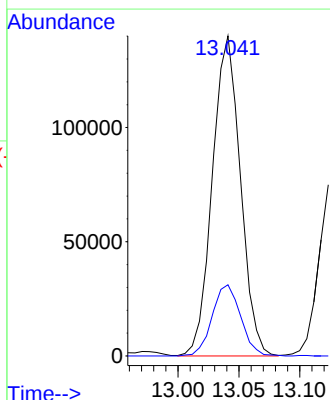
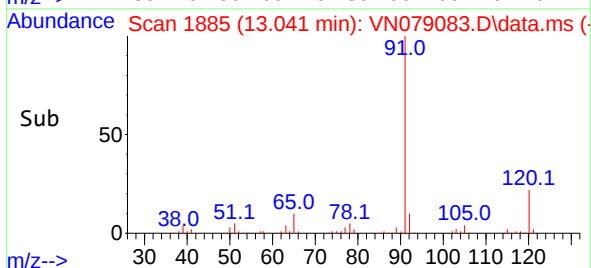
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

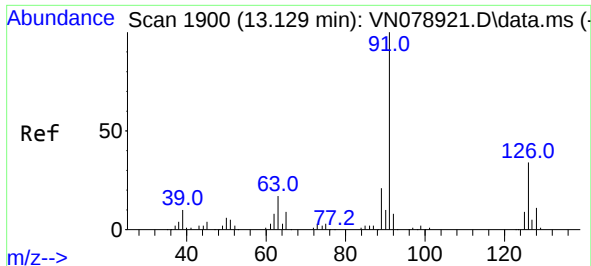


#74
n-propylbenzene
Concen: 20.414 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31



Tgt Ion: 91 Resp: 224904
Ion Ratio Lower Upper
91 100
120 22.6 0.0 44.4





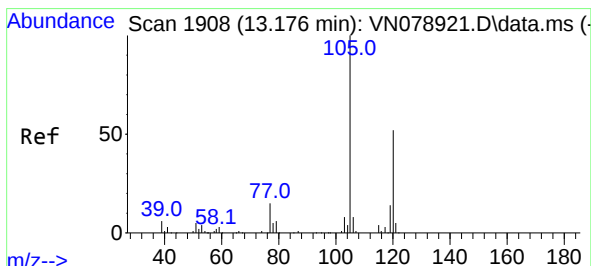
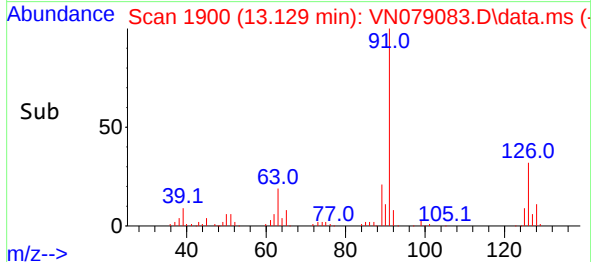
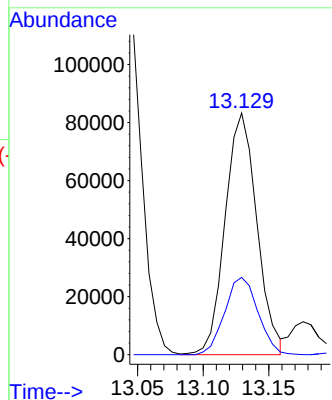
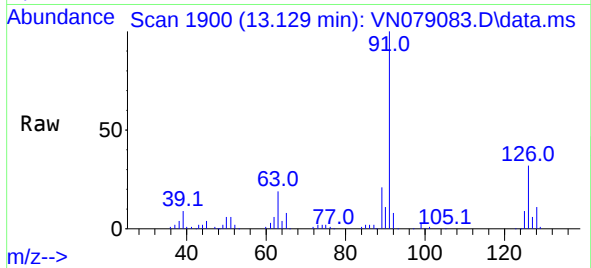
#75
2-Chlorotoluene
Concen: 20.094 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

Instrument :
MSVOA_N
ClientSampleId :
VN0829WBS01

Tgt Ion: 91 Resp: 14044
Ion Ratio Lower Upper
91 100
126 33.5 0.0 67.2

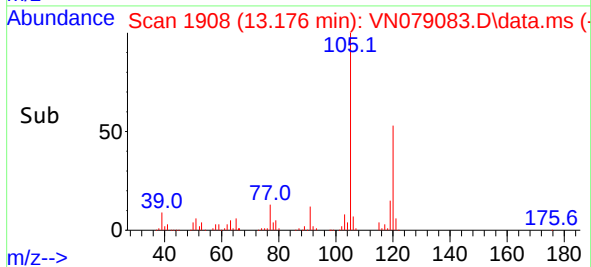
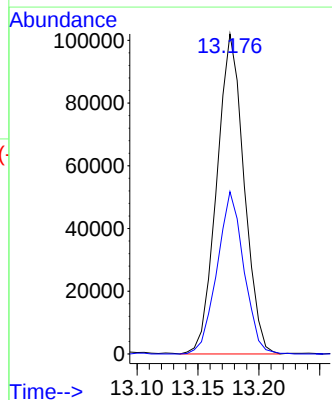
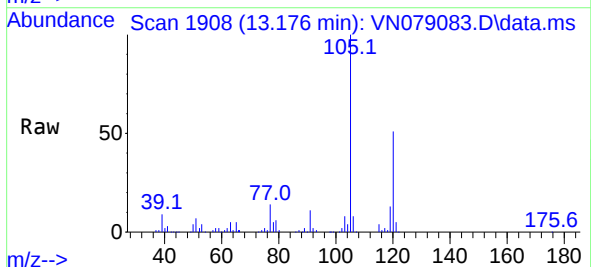
Manual Integrations
APPROVED

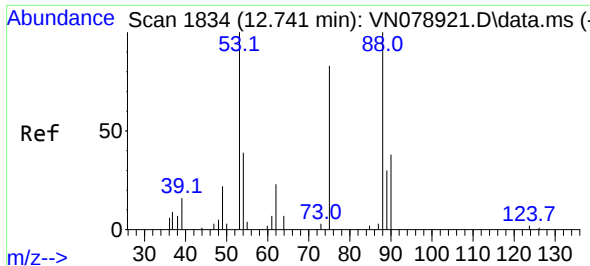
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.655 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

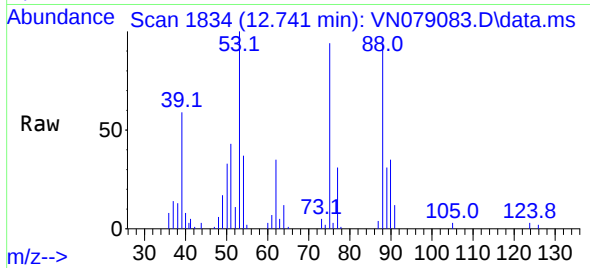
Tgt Ion:105 Resp: 159168
Ion Ratio Lower Upper
105 100
120 49.7 0.0 98.8





#77
t-1,4-Dichloro-2-butene
Concen: 17.489 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

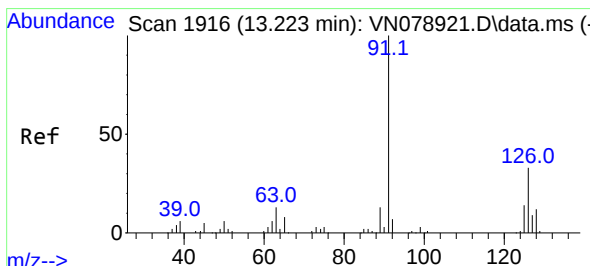
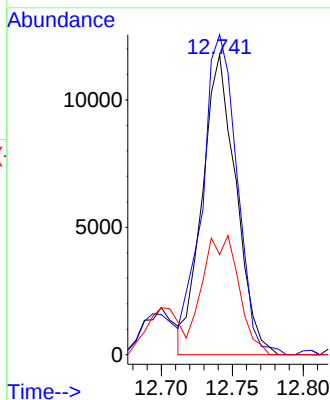
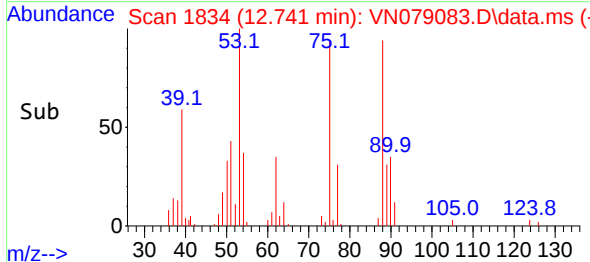
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBS01



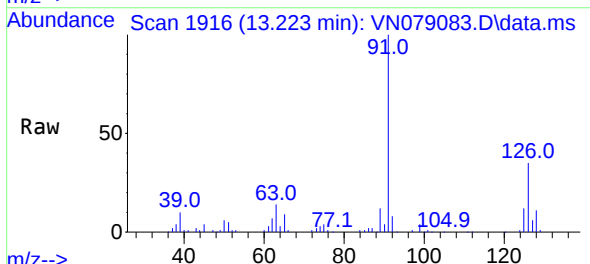
Tgt Ion: 75 Resp: 19430
Ion Ratio Lower Upper
75 100
53 104.8 60.1 180.3
89 33.4 22.9 68.8

Manual Integrations
APPROVED

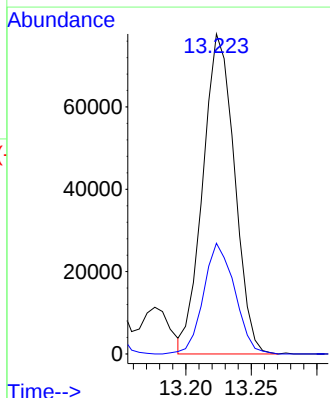
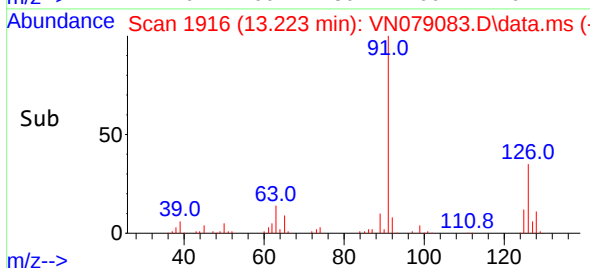
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

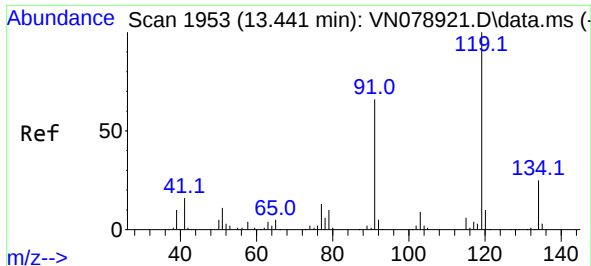


#78
4-Chlorotoluene
Concen: 19.470 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31



Tgt Ion: 91 Resp: 130370
Ion Ratio Lower Upper
91 100
126 34.2 0.0 67.4





#79
tert-butylbenzene
Concen: 19.872 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

Instrument :

MSVOA_N

ClientSampleId :

VN0829WBS01

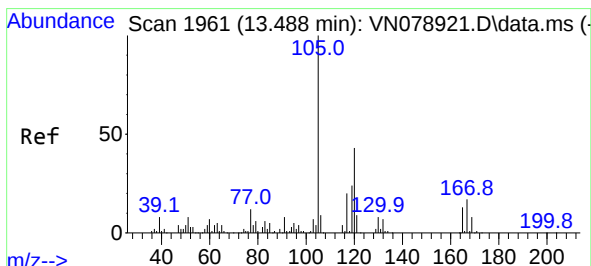
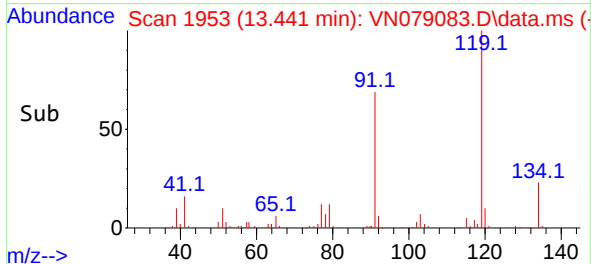
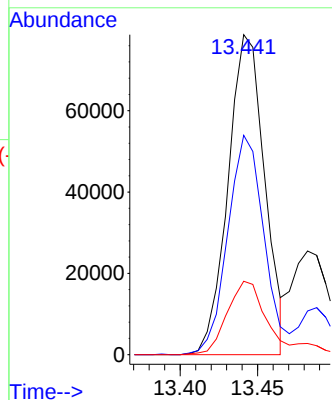
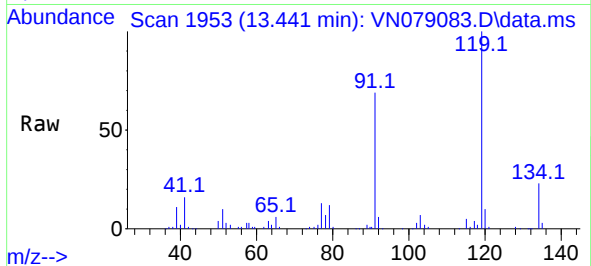
Tgt Ion:119 Resp: 12940
Ion Ratio Lower Upper
119 100
91 68.2 0.0 135.6
134 23.9 0.0 51.4

Manual Integrations

APPROVED

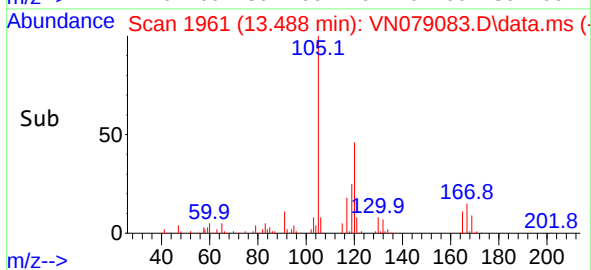
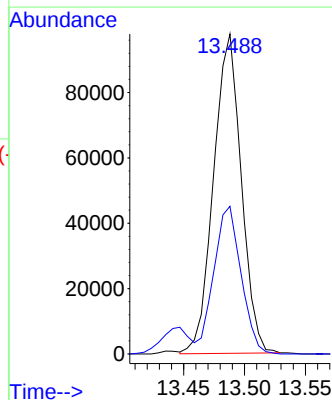
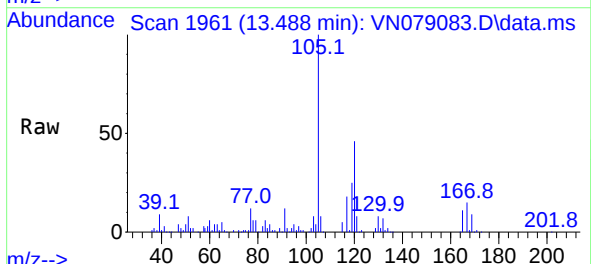
Reviewed By :John Carlone 08/30/2023

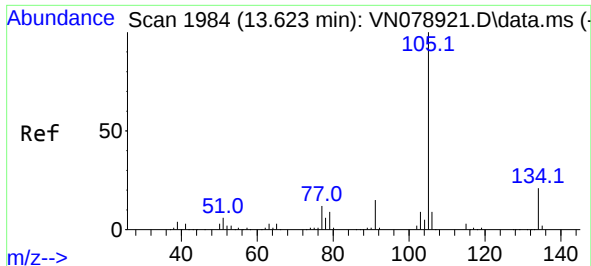
Supervised By :Mahesh Dadoda 09/01/2023



#80
1,2,4-Trimethylbenzene
Concen: 20.423 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

Tgt Ion:105 Resp: 154756
Ion Ratio Lower Upper
105 100
120 45.5 0.0 91.6





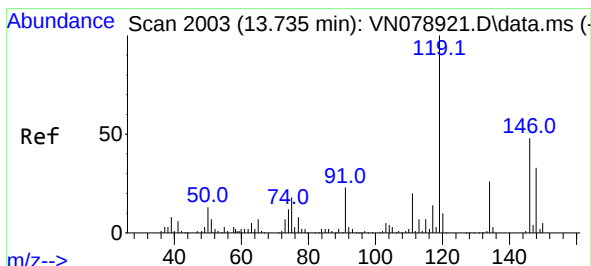
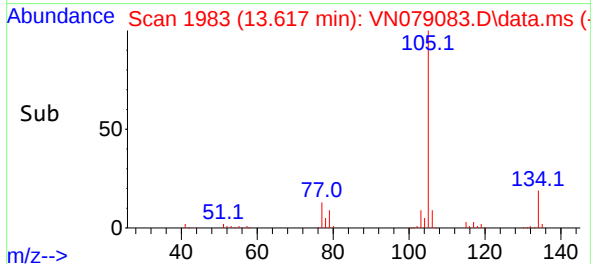
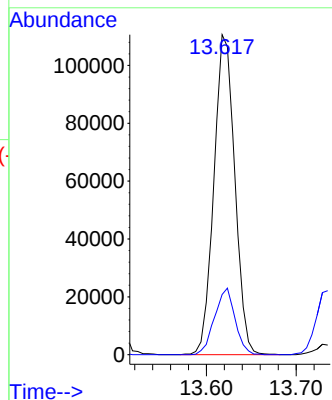
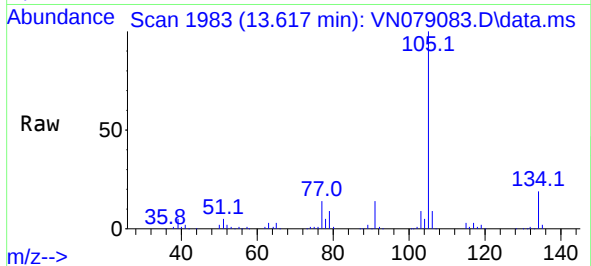
#81
 sec-Butylbenzene
 Concen: 20.834 ug/l
 RT: 13.617 min Scan# 1984
 Delta R.T. -0.006 min
 Lab File: VN079083.D
 Acq: 29 Aug 2023 10:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0829WBS01

Tgt Ion:105 Resp: 179052
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 41.6

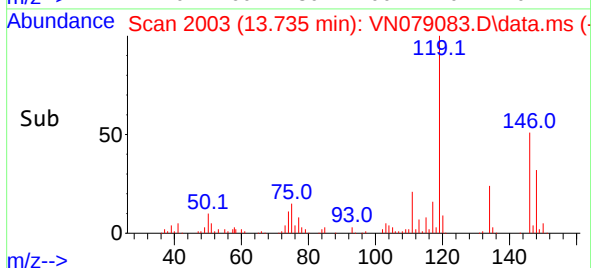
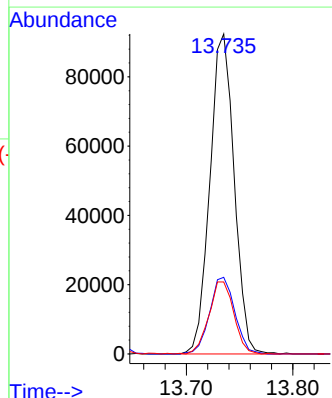
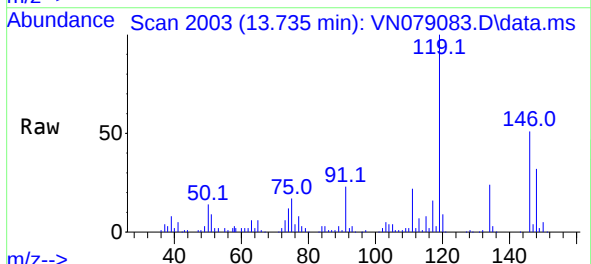
Manual Integrations
 APPROVED

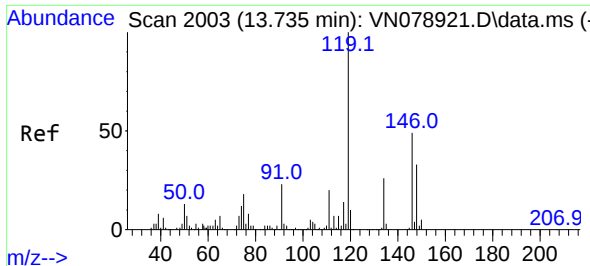
Reviewed By :John Carlone 08/30/2023
 Supervised By :Mahesh Dadoda 09/01/2023



#82
 p-Isopropyltoluene
 Concen: 20.815 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079083.D
 Acq: 29 Aug 2023 10:31

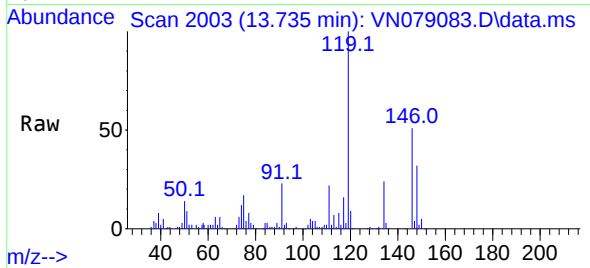
Tgt Ion:119 Resp: 146049
 Ion Ratio Lower Upper
 119 100
 134 24.9 0.0 52.4
 91 23.1 0.0 47.4





#83
1,3-Dichlorobenzene
Concen: 20.020 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

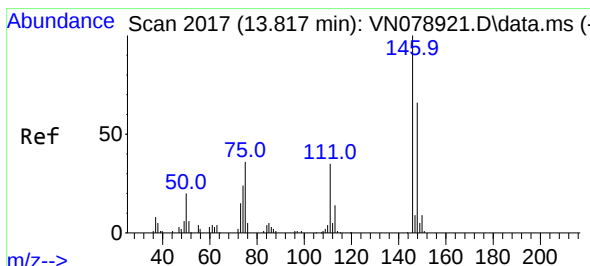
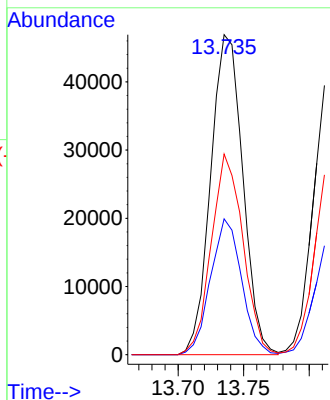
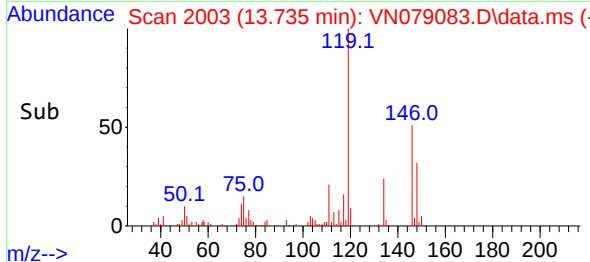
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBS01



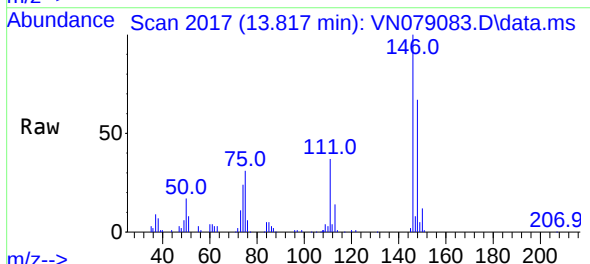
Tgt Ion:146 Resp: 79962
Ion Ratio Lower Upper
146 100
111 41.1 21.2 63.6
148 61.9 33.1 99.5

Manual Integrations
APPROVED

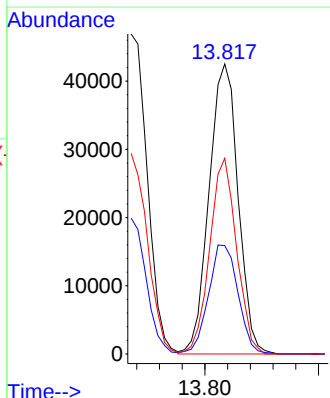
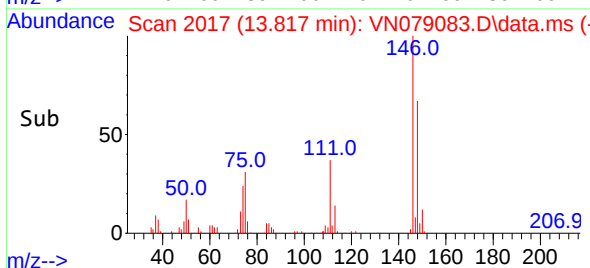
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023

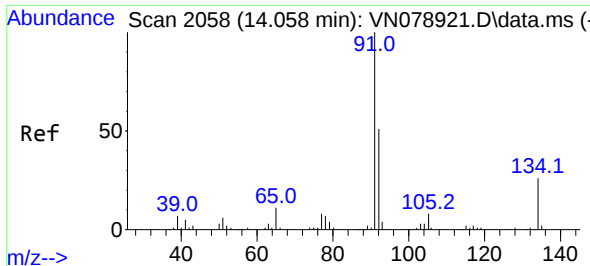


#84
1,4-Dichlorobenzene
Concen: 19.254 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31



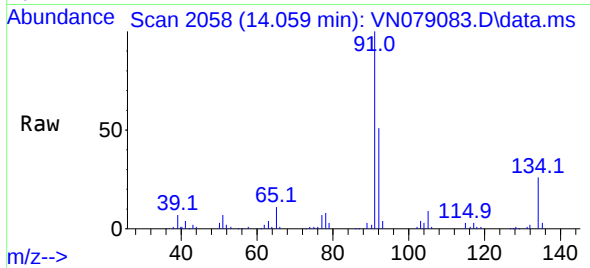
Tgt Ion:146 Resp: 75499
Ion Ratio Lower Upper
146 100
111 38.2 18.6 56.0
148 62.4 32.0 96.2





#85
n-Butylbenzene
Concen: 21.141 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

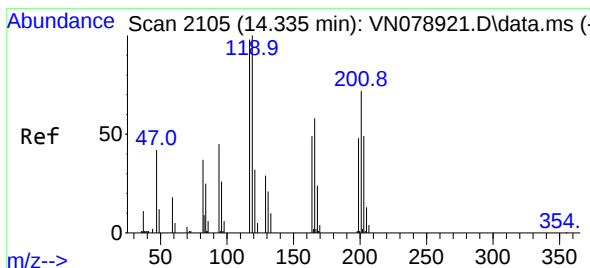
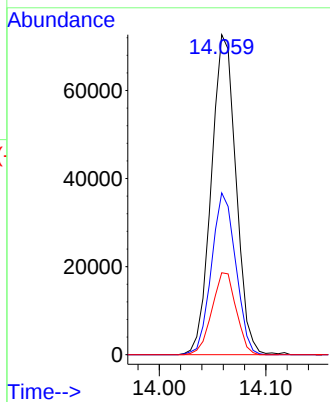
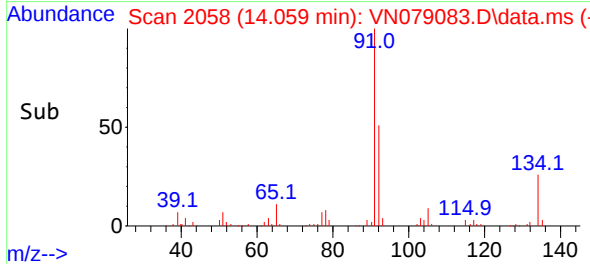
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBS01



Tgt Ion: 91 Resp: 116669
Ion Ratio Lower Upper
91 100
92 49.7 0.0 102.8
134 25.2 0.0 48.6

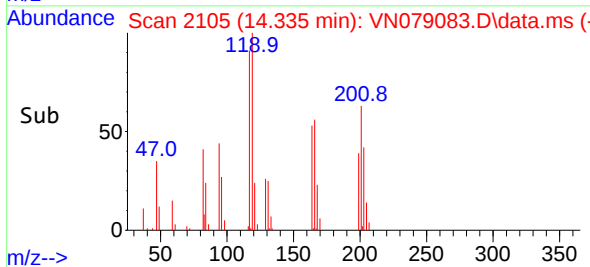
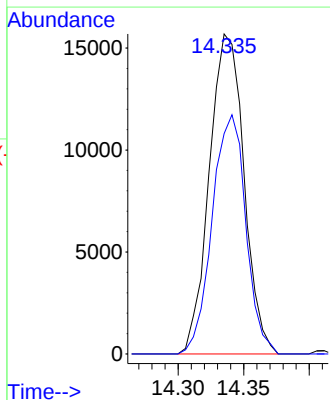
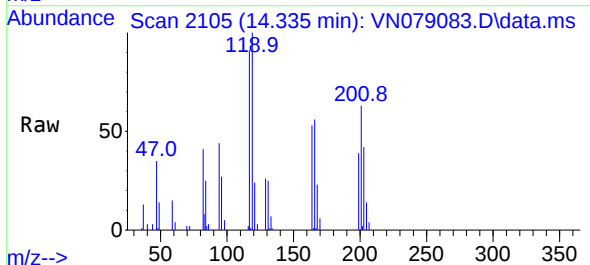
Manual Integrations
APPROVED

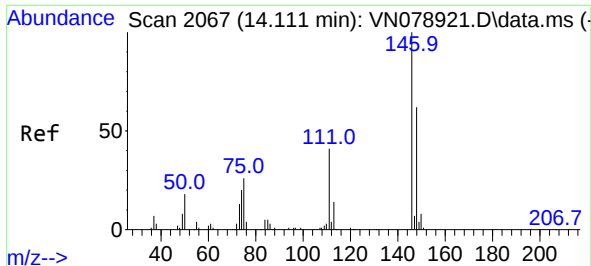
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#86
Hexachloroethane
Concen: 20.114 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

Tgt Ion:117 Resp: 28878
Ion Ratio Lower Upper
117 100
201 72.4 36.6 109.8





#87

1,2-Dichlorobenzene

Concen: 19.455 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN079083.D

Acq: 29 Aug 2023 10:31

Instrument :

MSVOA_N

ClientSampleId :

VN0829WBS01

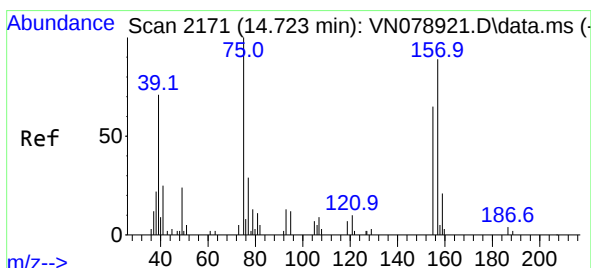
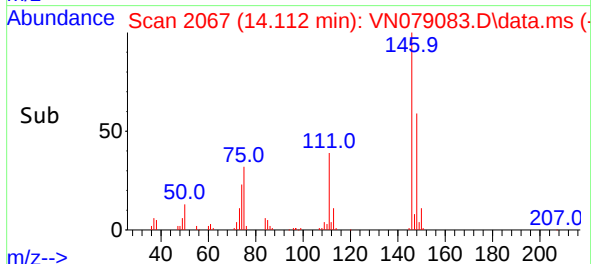
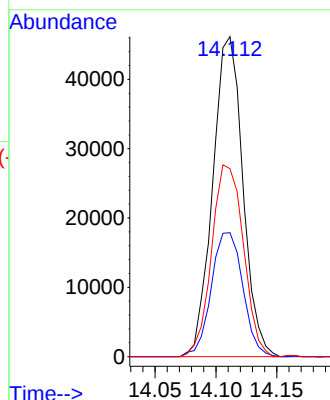
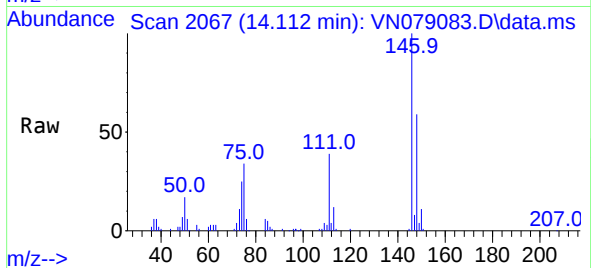
Tgt Ion:	146	Resp:	7958
Ion Ratio	Lower	Upper	
146	100		
111	40.6	20.3	60.8
148	63.2	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 09/01/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.261 ug/l

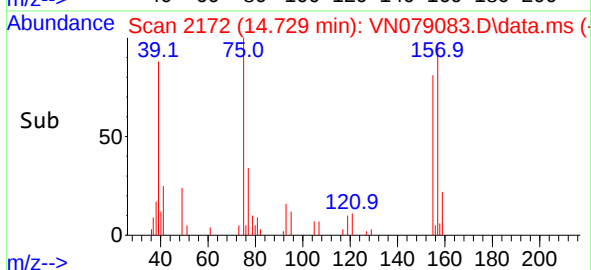
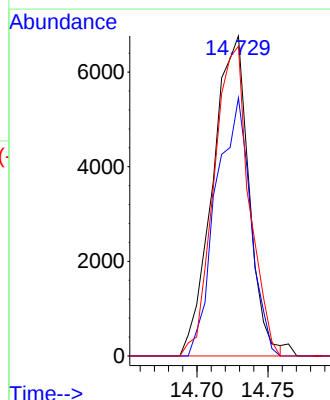
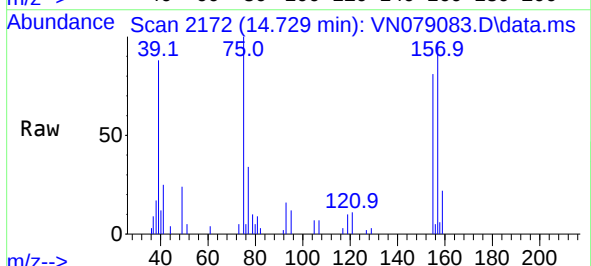
RT: 14.729 min Scan# 2172

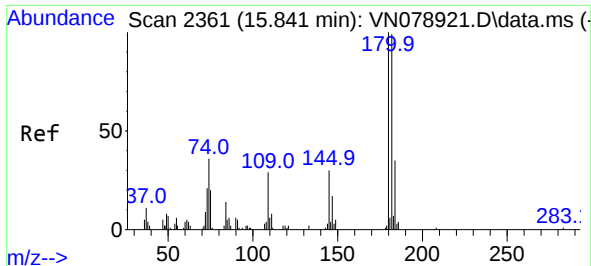
Delta R.T. 0.006 min

Lab File: VN079083.D

Acq: 29 Aug 2023 10:31

Tgt Ion:	75	Resp:	11944
Ion Ratio	Lower	Upper	
75	100		
155	77.3	61.1	91.7
157	94.4	79.8	119.6





#89

1,2,4-Trichlorobenzene

Concen: 18.771 ug/l

RT: 15.847 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN079083.D

Acq: 29 Aug 2023 10:31

Instrument :

MSVOA_N

ClientSampleId :

VN0829WBS01

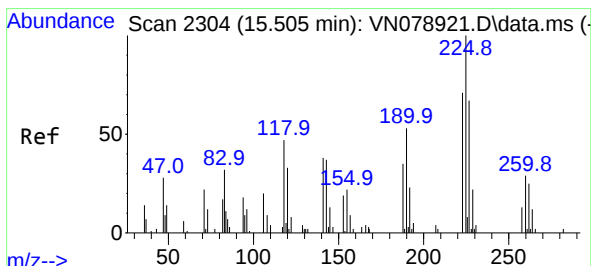
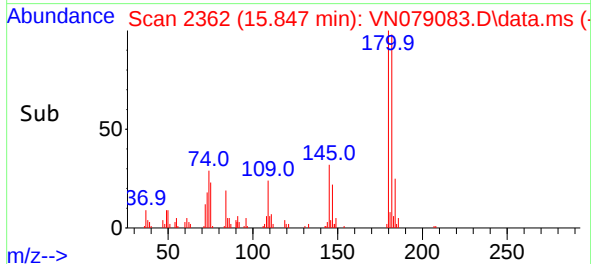
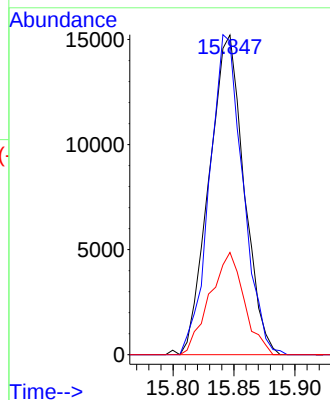
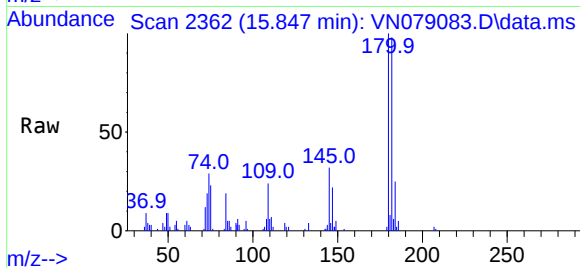
Tgt Ion:180	Resp:	30320
Ion Ratio	Lower	Upper
180	100	
182	95.4	76.1 114.1
145	31.5	26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 09/01/2023



#90

Hexachlorobutadiene

Concen: 20.896 ug/l

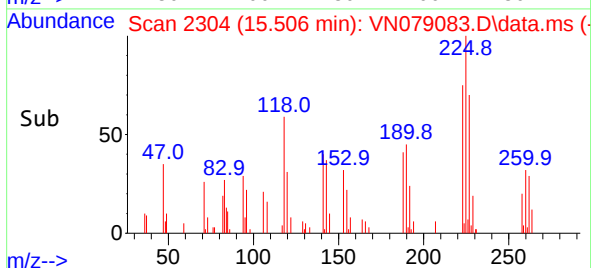
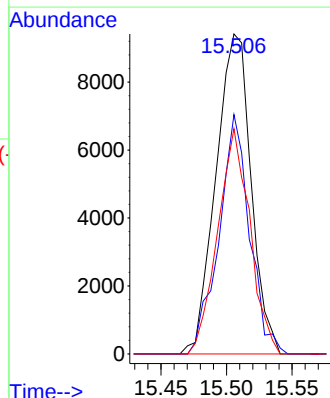
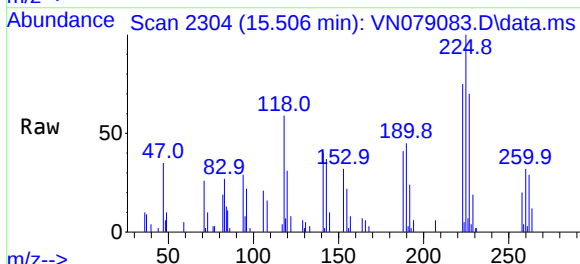
RT: 15.506 min Scan# 2304

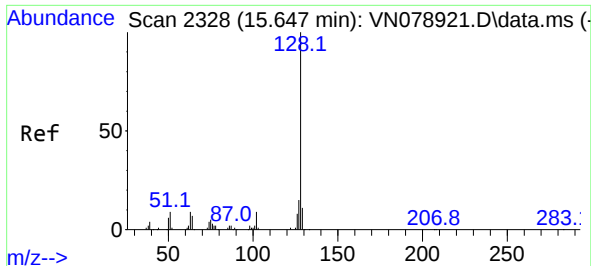
Delta R.T. 0.000 min

Lab File: VN079083.D

Acq: 29 Aug 2023 10:31

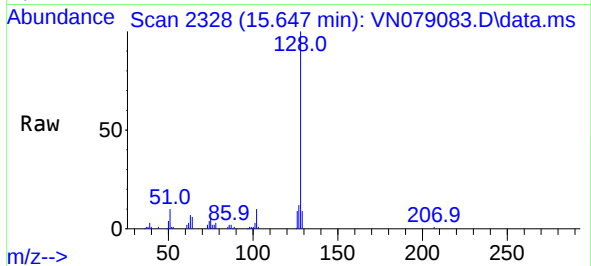
Tgt Ion:225	Resp:	17576
Ion Ratio	Lower	Upper
225	100	
223	65.1	0.0 124.0
227	64.5	0.0 117.4





#91
Naphthalene
Concen: 15.865 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31

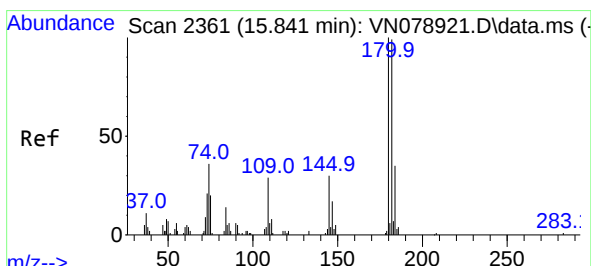
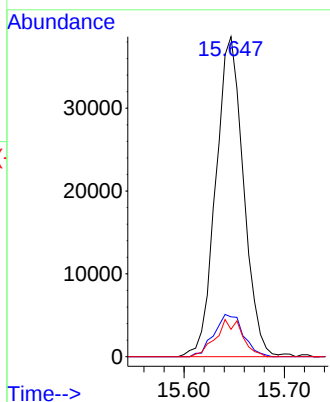
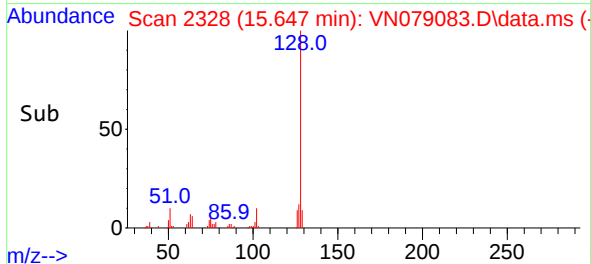
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBS01



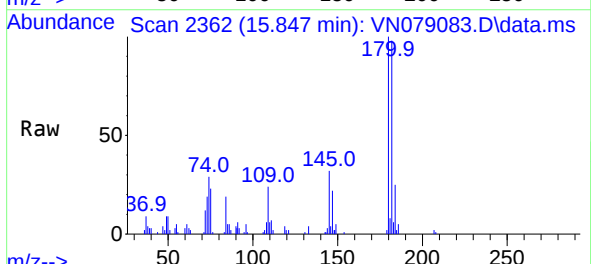
Tgt Ion:128 Resp: 7392
Ion Ratio Lower Upper
128 100
127 14.1 11.1 16.7
129 11.3 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 09/01/2023



#92
1,2,3-Trichlorobenzene
Concen: 18.771 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN079083.D
Acq: 29 Aug 2023 10:31



Tgt Ion:180 Resp: 30326
Ion Ratio Lower Upper
180 100
182 95.4 0.0 190.2
145 31.5 0.0 66.2

