

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080123\
 Data File : VN078723.D
 Acq On : 01 Aug 2023 18:12
 Operator : JC\MD
 Sample : VN0801WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0801WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/02/2023
 Supervised By : Mahesh Dadoda 08/02/2023

Quant Time: Aug 02 04:27:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 04:20:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	103115	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	563010	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	506634	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	229874	29.740	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.133%		
60) 4-Bromofluorobenzene	12.853	95	205158	27.021	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	90.067%		
63) Toluene-d8	10.571	98	717265	28.659	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	95.533%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	113656	17.474	ug/l	96
3) Chloromethane	2.371	50	169902	21.221	ug/l	94
4) Vinyl Chloride	2.524	62	215600	19.815	ug/l	95
5) Bromomethane	2.965	94	144891	17.815	ug/l	94
6) Chloroethane	3.130	64	141559	19.977	ug/l	99
7) Trichlorofluoromethane	3.506	101	321867	28.838	ug/l	98
8) Diethyl Ether	3.971	74	67602	18.553	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.383	101	109434	18.266	ug/l	84
10) 1,1-Dichloroethene	4.347	96	108792	18.937	ug/l	94
11) Methyl Iodide	4.600	142	157501	19.505	ug/l	96
12) Methyl Acetate	5.036	43	173438	18.613	ug/l	97
13) Acrolein	4.195	56	93509	94.238	ug/l	97
14) Acrylonitrile	5.730	53	249859	91.572	ug/l	99
15) Acetone	4.442	58	67991	86.005	ug/l	95
16) Carbon Disulfide	4.724	76	290924	17.928	ug/l	100
17) Allyl chloride	5.036	41	148333	18.911	ug/l	91
18) Methylene Chloride	5.289	84	129818	18.835	ug/l	97
19) trans-1,2-Dichloroethene	5.800	96	118850	17.894	ug/l	89
20) Diisopropyl ether	6.688	45	327355m	18.535	ug/l	
21) 1,1-Dichloroethane	6.577	63	218066	18.647	ug/l	98
22) cis-1,2-Dichloroethene	7.500	96	136417	18.288	ug/l	99
23) tert-Butyl Alcohol	5.536	59	102917	92.305	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	354100	18.330	ug/l	96
25) Chloroform	7.977	83	236942	19.137	ug/l	100
26) Cyclohexane	8.265	56	165683	19.233	ug/l #	99
29) 1,1-Dichloropropene	8.382	75	169440	20.453	ug/l	100
30) 2-Butanone	7.494	43	326358	99.656	ug/l	99
31) 2,2-Dichloropropane	7.494	77	183078	19.259	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	208441	19.887	ug/l	97
33) Carbon Tetrachloride	8.371	117	194595	20.903	ug/l	96
34) Benzene	8.612	78	511170	20.541	ug/l	96
35) Methacrylonitrile	7.788	41	72255	20.092	ug/l	94
36) 1,2-Dichloroethane	8.677	62	174583	19.976	ug/l	99
37) Trichloroethene	9.359	130	137828	19.737	ug/l	97
38) Methylcyclohexane	9.612	83	161347	18.956	ug/l	96
39) 1,2-Dichloropropane	9.629	63	129500	19.412	ug/l	96
40) Dibromomethane	9.718	93	93448	20.239	ug/l	95
41) Bromodichloromethane	9.894	83	186110	20.162	ug/l	95
42) Vinyl Acetate	6.618	43	1047629	99.503	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	143914	21.257	ug/l	97
44) Isopropyl Acetate	8.700	43	240192	20.221	ug/l	100
45) 1,4-Dioxane	9.700	88	43906	401.823	ug/l	94
46) Methyl methacrylate	9.688	41	111341	20.468	ug/l	96
47) n-amyl Acetate	12.500	43	182535	19.953	ug/l	97
48) t-1,3-Dichloropropene	10.841	75	186436	18.923	ug/l	94
49) cis-1,3-Dichloropropene	10.318	75	212789	20.335	ug/l	92
50) 1,1,2-Trichloroethane	11.024	97	127399	19.492	ug/l	97
51) Ethyl methacrylate	10.882	69	173069	19.341	ug/l	87
52) 1,3-Dichloropropane	11.171	76	209744	17.855	ug/l	98
53) Dibromochloromethane	11.365	129	143097	19.380	ug/l	99
54) 1,2-Dibromoethane	11.476	107	130462	19.878	ug/l	99
55) 2-Chloroethyl vinyl ether	10.165	63	304677	106.852	ug/l	97
56) Bromoform	12.582	173	96864	20.050	ug/l	98
58) 4-Methyl-2-Pentanone	10.453	43	717378	94.600	ug/l	100
59) 2-Hexanone	11.200	43	495179	86.242	ug/l	98
61) Tetrachloroethene	11.112	164	116241	17.448	ug/l	96
62) Toluene	10.635	91	570777	18.730	ug/l	100
64) Chlorobenzene	11.900	112	351064	19.731	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.965	131	141416	20.154	ug/l	97
66) Ethyl Benzene	11.970	91	600798	19.561	ug/l	99
67) m/p-Xylenes	12.076	106	456309	38.894	ug/l	100
68) o-Xylene	12.406	106	221470	18.552	ug/l	97
69) Styrene	12.418	104	344866	17.955	ug/l	99
70) Isopropylbenzene	12.700	105	547450	18.538	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	174211	18.160	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	138101m	17.161	ug/l	
73) Bromobenzene	12.988	156	130268	17.997	ug/l	96
74) n-propylbenzene	13.041	91	578459	17.673	ug/l	99
75) 2-Chlorotoluene	13.129	91	372065	16.460	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	438341	16.625	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	48274	17.164	ug/l	82
78) 4-Chlorotoluene	13.229	91	345387	15.825	ug/l	100
79) tert-butylbenzene	13.441	119	386008	17.009	ug/l	99
80) 1,2,4-Trimethylbenzene	13.488	105	421176	16.725	ug/l	100
81) sec-Butylbenzene	13.623	105	466318	16.031	ug/l	98
82) p-Isopropyltoluene	13.735	119	383303	16.051	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	204040	15.896	ug/l	99
84) 1,4-Dichlorobenzene	13.817	146	196909	16.386	ug/l	99
85) n-Butylbenzene	14.059	91	262708	15.864	ug/l	99
86) Hexachloroethane	14.341	117	80546	18.512	ug/l	93
87) 1,2-Dichlorobenzene	14.112	146	206269	17.170	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.723	75	27004	16.576	ug/l	94
89) 1,2,4-Trichlorobenzene	15.400	180	58453	17.054	ug/l	98
90) Hexachlorobutadiene	15.511	225	48664	18.637	ug/l	97
91) Naphthalene	15.641	128	175066	16.860	ug/l	100
92) 1,2,3-Trichlorobenzene	15.847	180	74699	19.150	ug/l	98

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

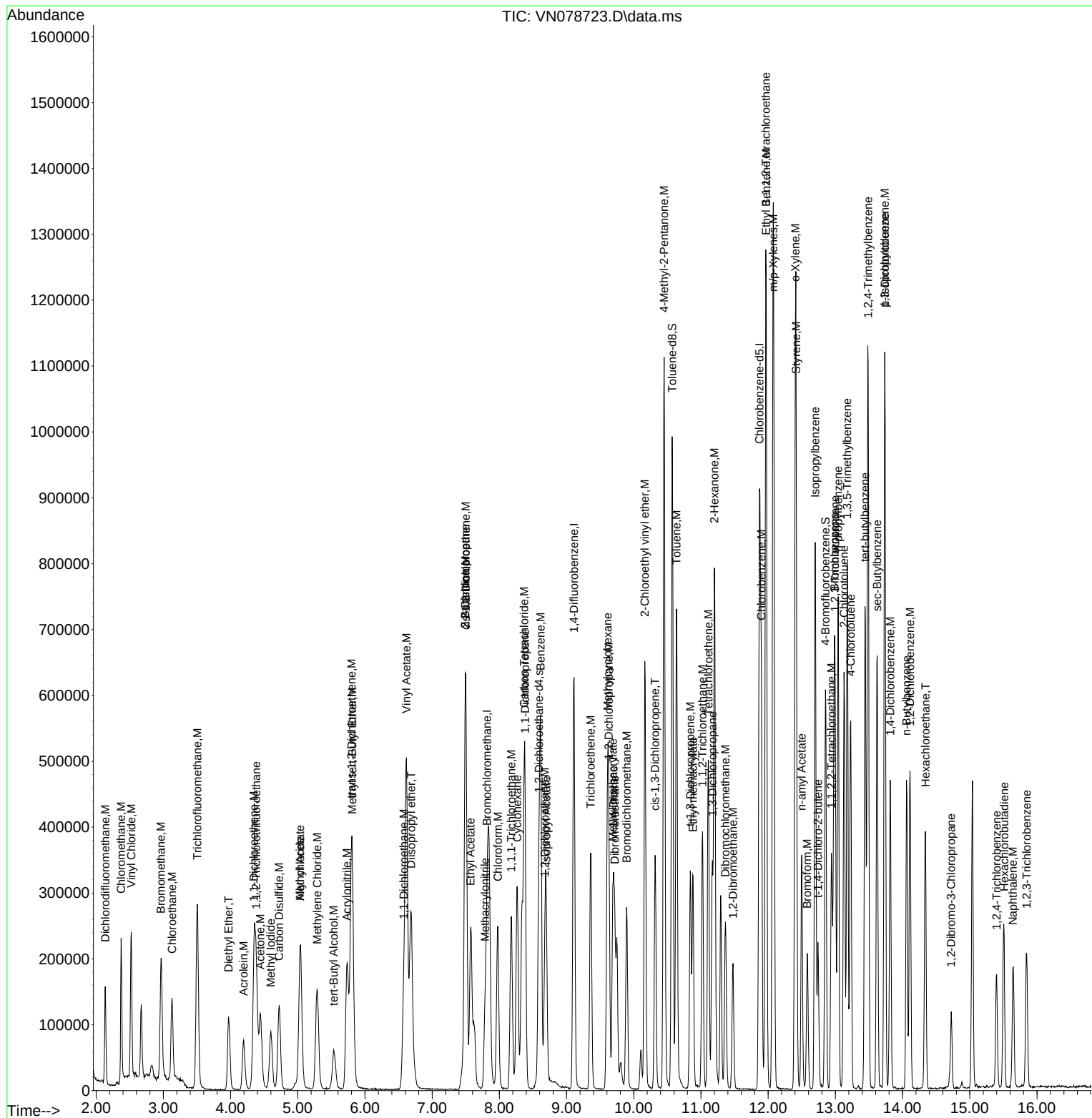
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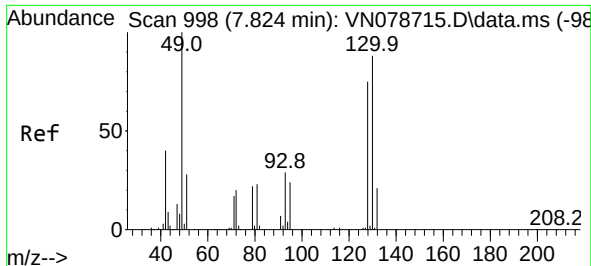
Instrument :
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ClientSampleId :
VN0801WBSD01

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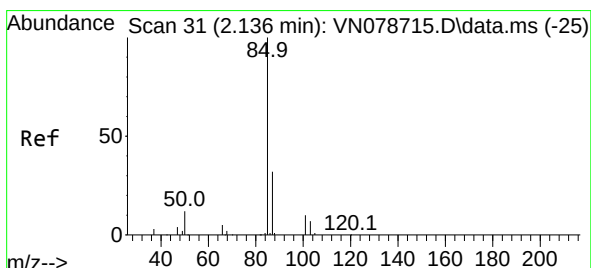
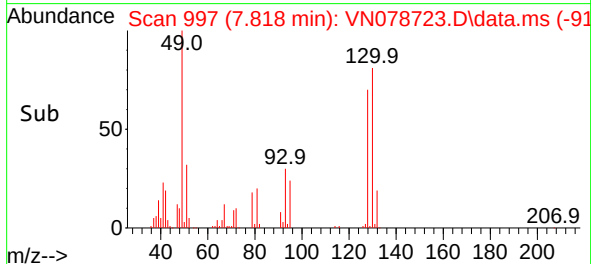
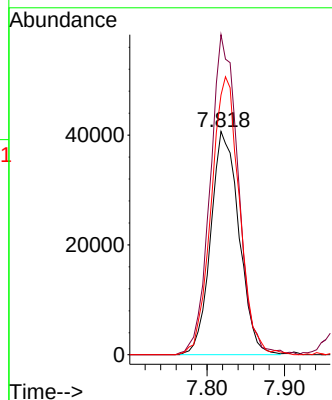
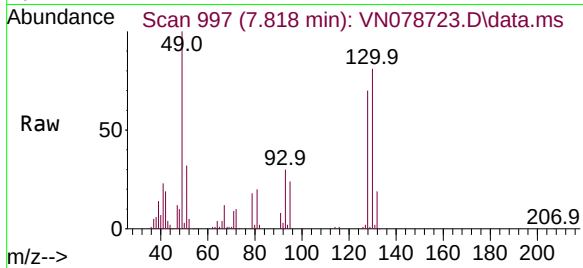
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 998
Delta R.T. -0.006 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

Instrument :
MSVOA_N
ClientSampleId :
VN0801WBSD01

Tgt Ion:128 Resp: 103115
Ion Ratio Lower Upper
128 100
49 140.9 0.0 370.8
130 123.7 0.0 307.0

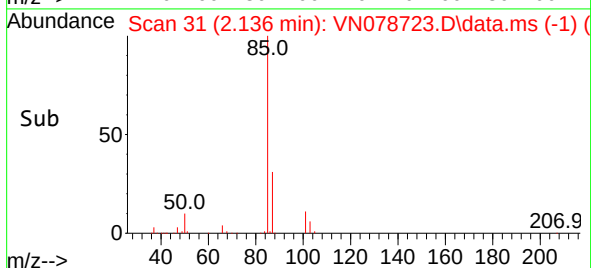
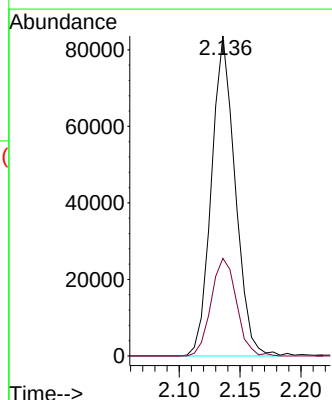
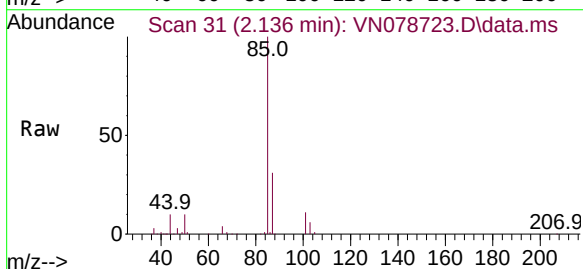
Manual Integrations
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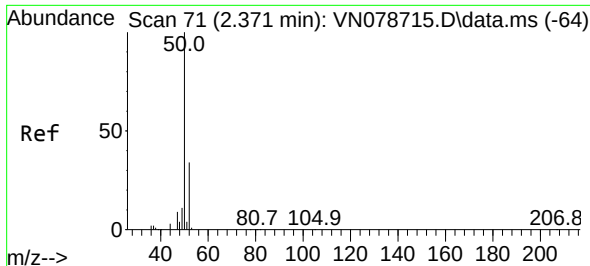
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#2
Dichlorodifluoromethane
Concen: 17.474 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

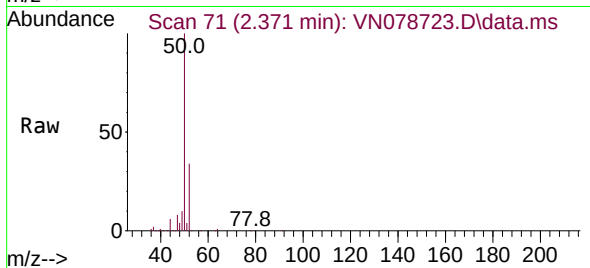
Tgt Ion: 85 Resp: 113656
Ion Ratio Lower Upper
85 100
87 30.5 16.4 49.4





#3
Chloromethane
Concen: 21.221 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

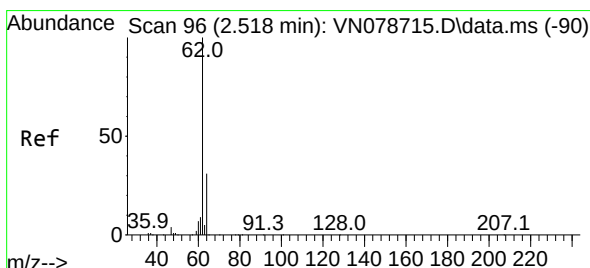
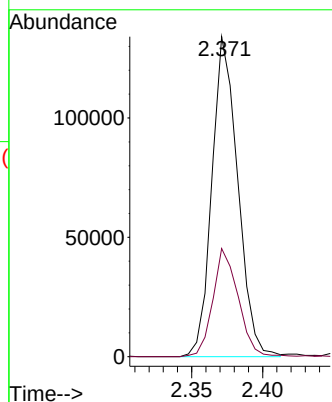
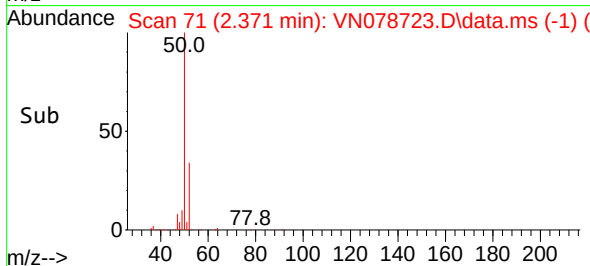
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Tgt Ion: 50 Resp: 169902
Ion Ratio Lower Upper
50 100
52 33.8 24.6 36.8

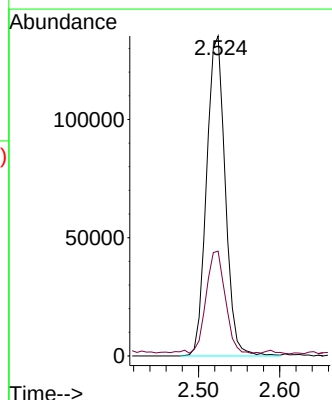
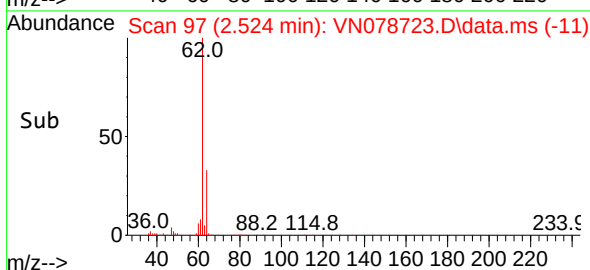
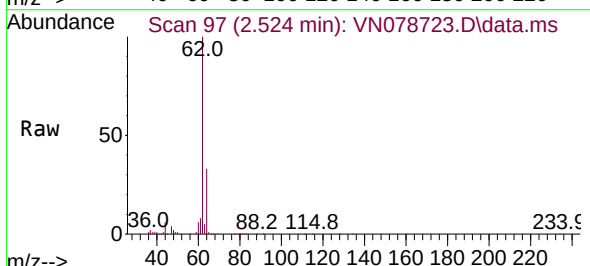
Manual Integrations
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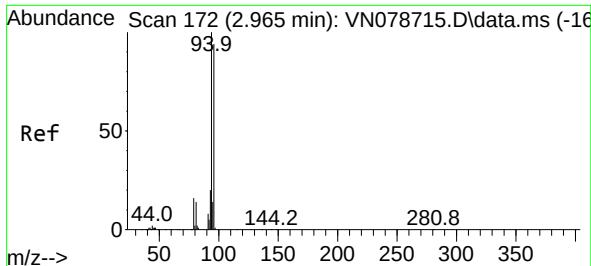
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#4
Vinyl Chloride
Concen: 19.815 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

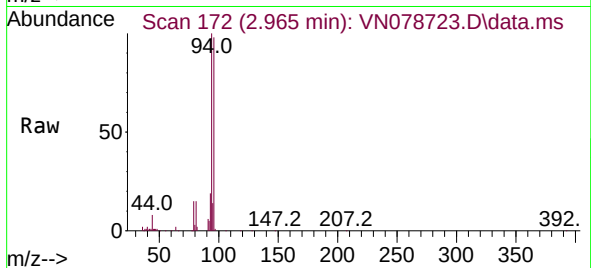
Tgt Ion: 62 Resp: 215600
Ion Ratio Lower Upper
62 100
64 31.6 23.3 34.9





#5
Bromomethane
Concen: 17.815 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

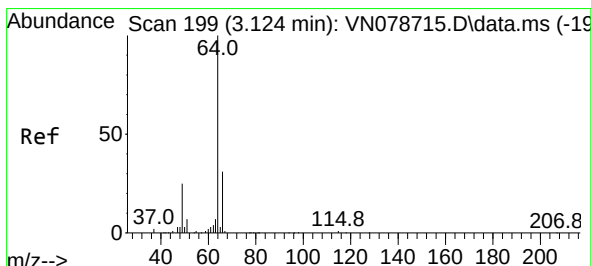
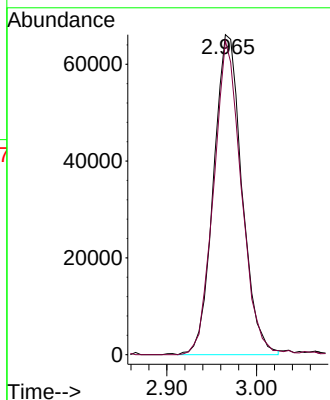
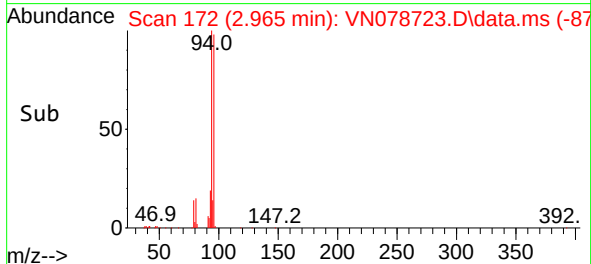
Instrument :
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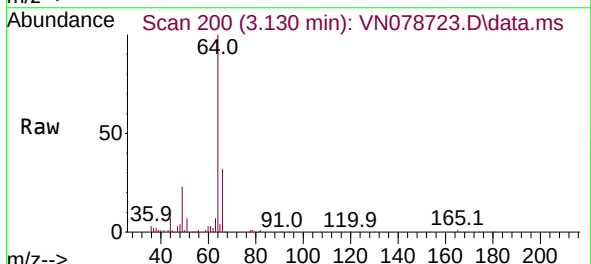
Tgt Ion: 94 Resp: 14489
Ion Ratio Lower Upper
94 100
96 98.1 73.9 110.9

Manual Integrations
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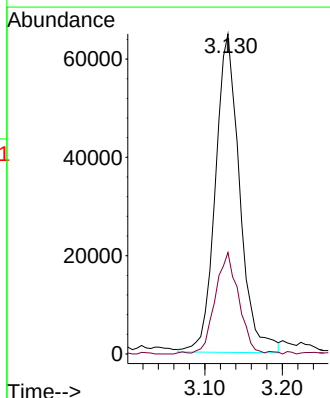
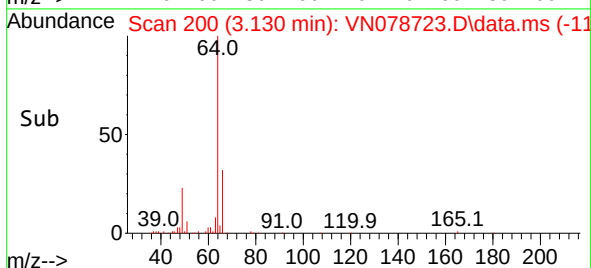
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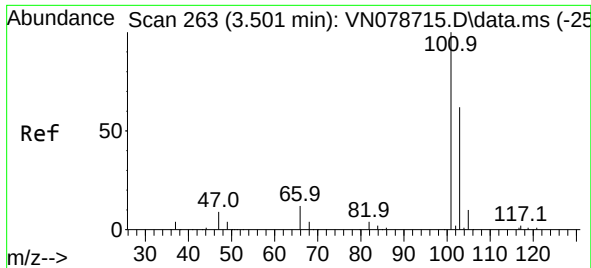


#6
Chloroethane
Concen: 19.977 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12



Tgt Ion: 64 Resp: 141559
Ion Ratio Lower Upper
64 100
66 31.8 25.7 38.5





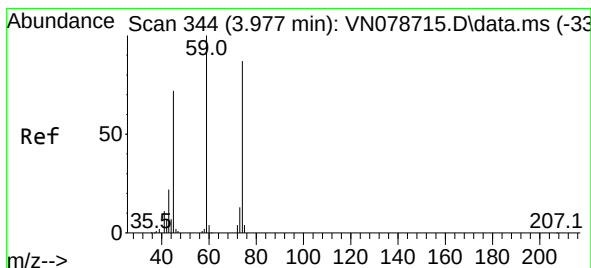
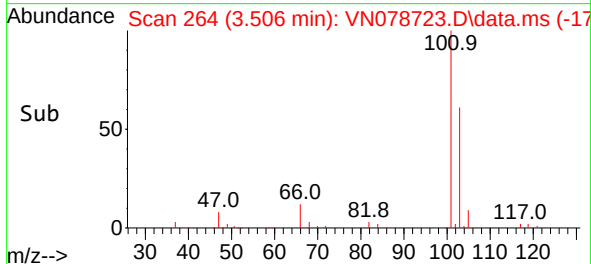
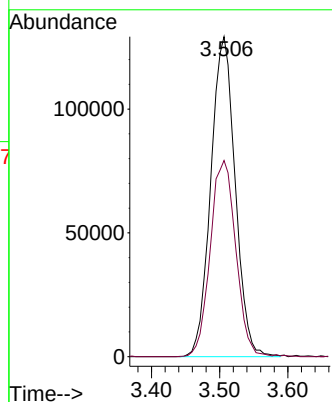
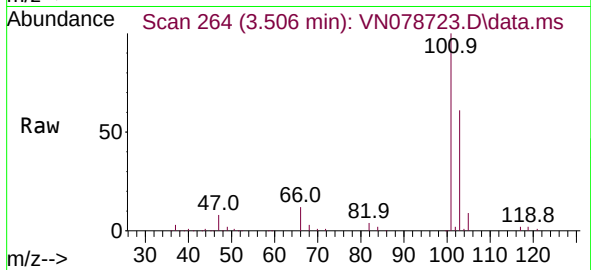
#7
 Trichlorofluoromethane
 Concen: 28.838 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. 0.005 min
 Lab File: VN078723.D
 Acq: 01 Aug 2023 18:12

Instrument :
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Tgt Ion:101 Resp: 32186
 Ion Ratio Lower Upper
 101 100
 103 61.2 50.4 75.6

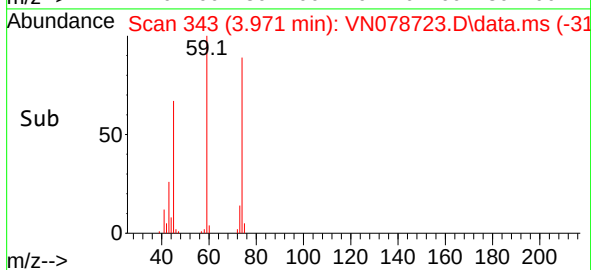
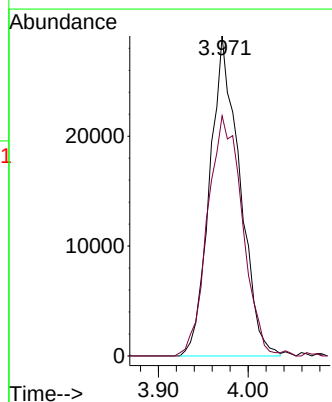
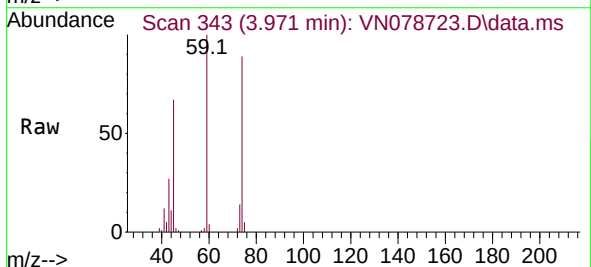
Manual Integrations
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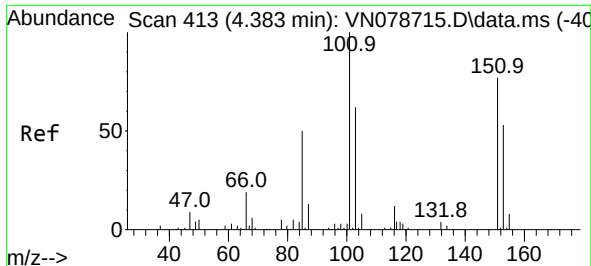
Reviewed By :John Carlone 08/02/2023
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#8
 Diethyl Ether
 Concen: 18.553 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. -0.006 min
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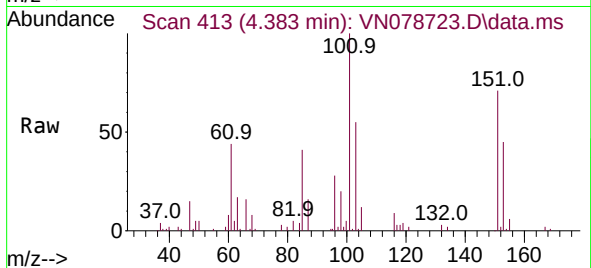
Tgt Ion: 74 Resp: 67602
 Ion Ratio Lower Upper
 74 100
 45 86.8 16.3 146.5





#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.266 ug/l
 RT: 4.383 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VN078723.D
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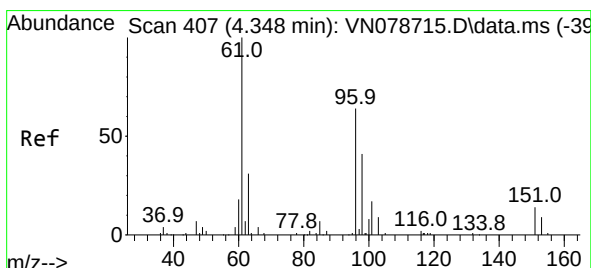
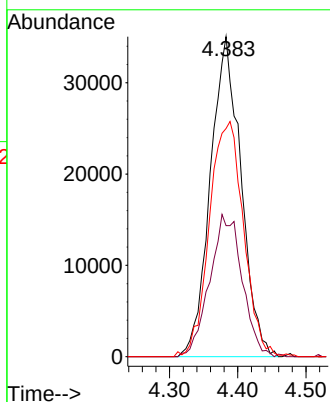
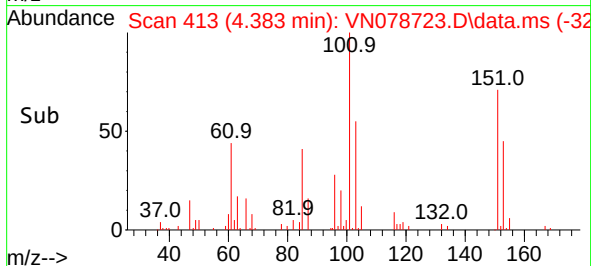
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 ClientSampleId :
 VN0801WBSD01



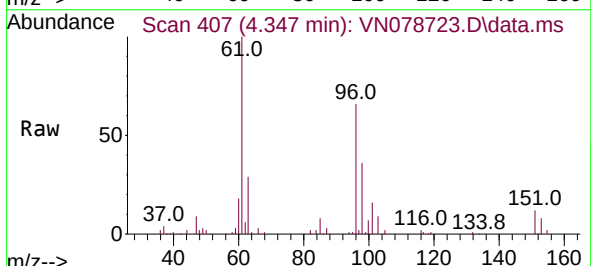
Tgt Ion:101 Resp: 109434
 Ion Ratio Lower Upper
 101 100
 85 25.8 0.0 89.2
 151 81.6 0.0 148.8

Manual Integrations
 APPROVED

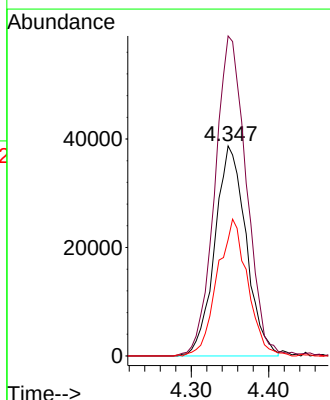
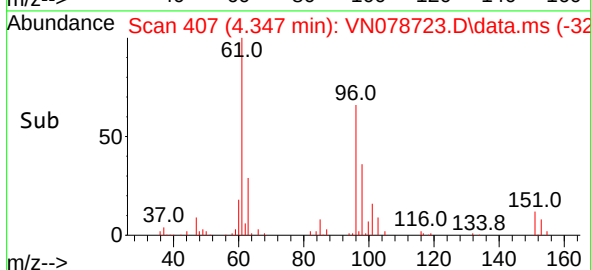
Reviewed By :John Carlone 08/02/2023
 Supervised By :Mahesh Dadoda 08/02/2023

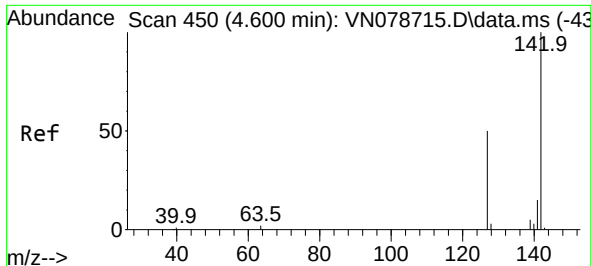


#10
 1,1-Dichloroethene
 Concen: 18.937 ug/l
 RT: 4.347 min Scan# 407
 Delta R.T. -0.001 min
 Lab File: VN078723.D
 Acq: 01 Aug 2023 18:12



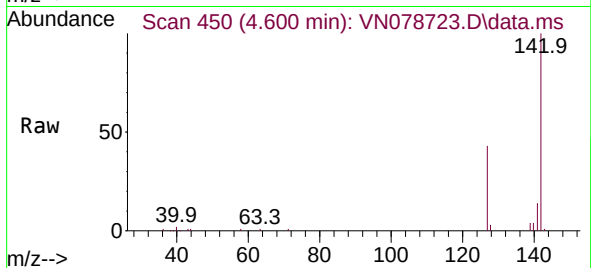
Tgt Ion: 96 Resp: 108792
 Ion Ratio Lower Upper
 96 100
 61 151.8 123.4 185.2
 98 54.8 53.7 80.5





#11
Methyl Iodide
Concen: 19.505 ug/l
RT: 4.600 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

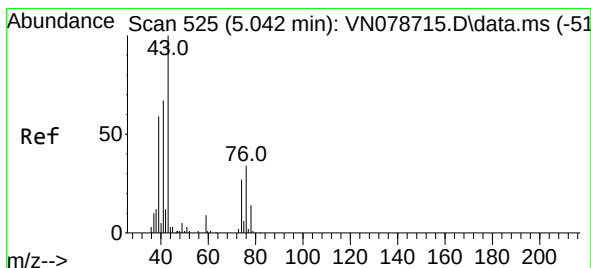
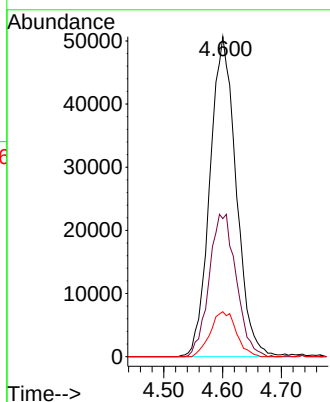
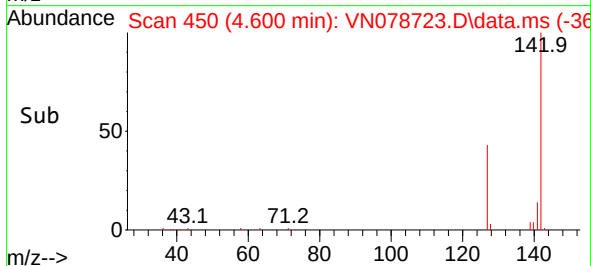
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBSD01



Tgt Ion:142 Resp: 15750
Ion Ratio Lower Upper
142 100
127 43.3 23.2 69.5
141 14.1 7.2 21.7

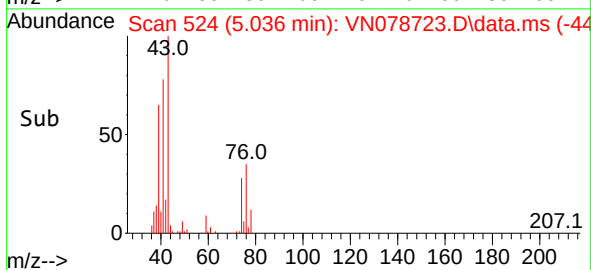
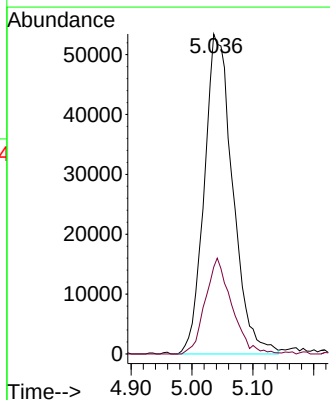
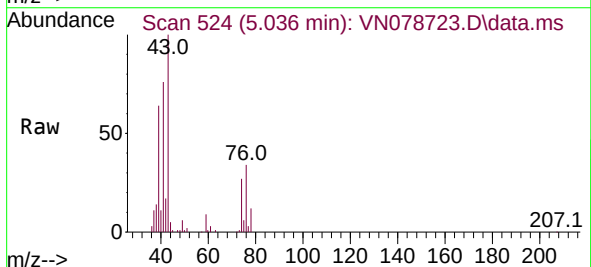
Manual Integrations
APPROVED

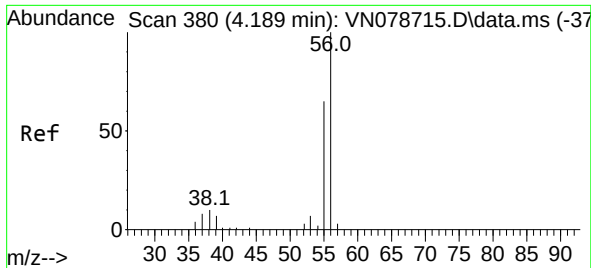
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#12
Methyl Acetate
Concen: 18.613 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

Tgt Ion: 43 Resp: 173438
Ion Ratio Lower Upper
43 100
74 27.1 20.5 30.7





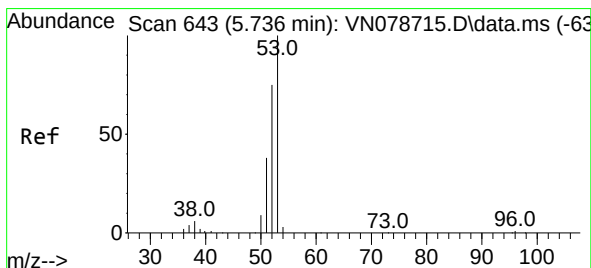
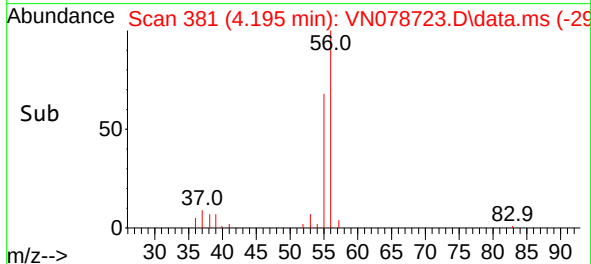
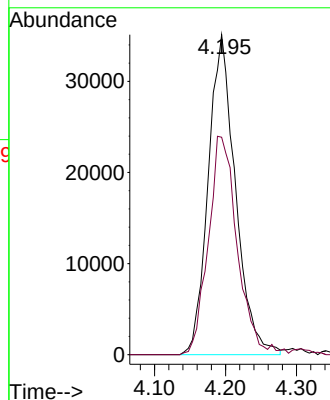
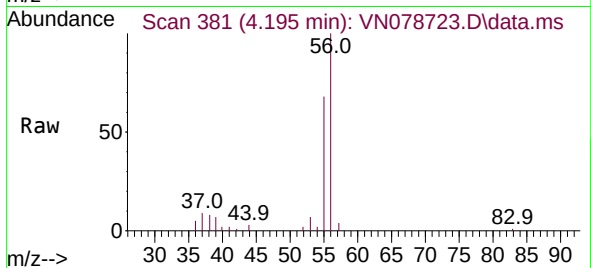
#13
Acrolein
Concen: 94.238 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

Instrument :
MSVOA_N
ClientSampleId :
VN0801WBSD01

Tgt Ion: 56 Resp: 93509
Ion Ratio Lower Upper
56 100
55 71.5 59.0 88.4

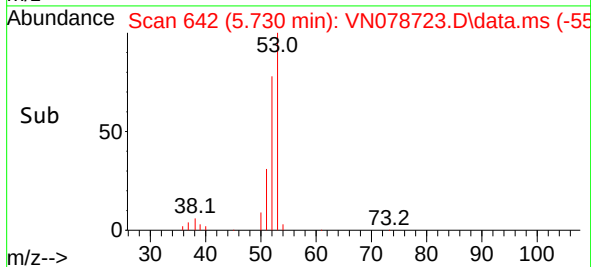
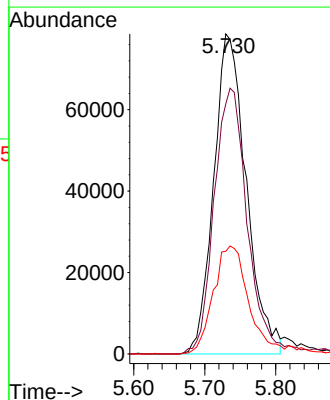
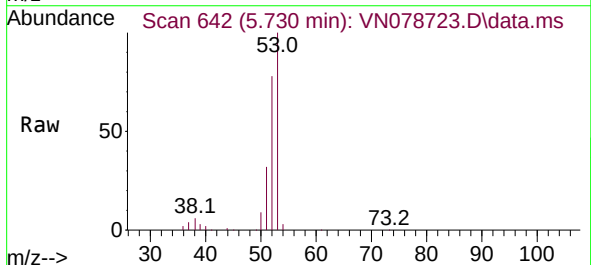
Manual Integrations
APPROVED

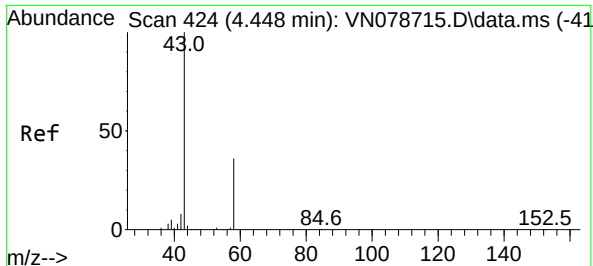
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#14
Acrylonitrile
Concen: 91.572 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.006 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

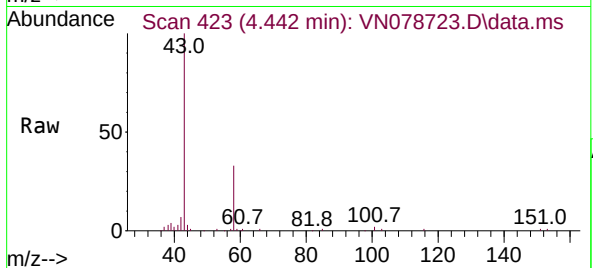
Tgt Ion: 53 Resp: 249859
Ion Ratio Lower Upper
53 100
52 83.7 42.3 126.9
51 36.4 18.4 55.4





#15
Acetone
Concen: 86.005 ug/l
RT: 4.442 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

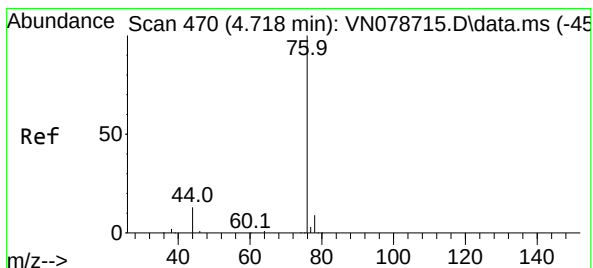
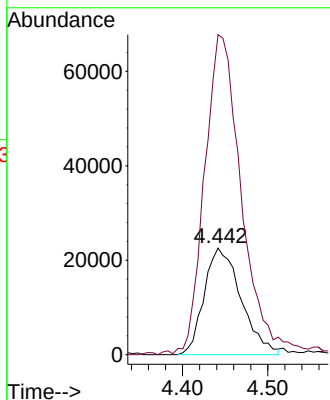
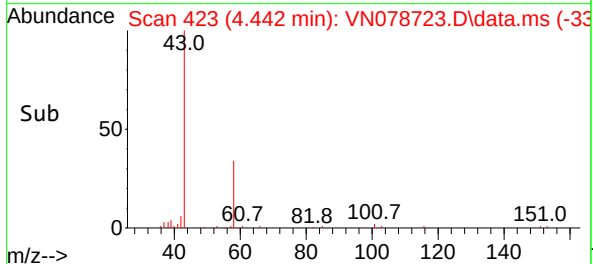
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBSD01



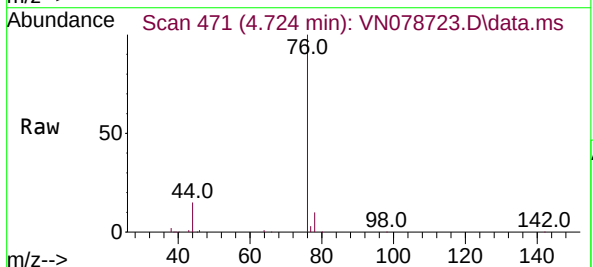
Tgt Ion: 58 Resp: 6799
Ion Ratio Lower Upper
58 100
43 294.6 227.5 341.3

Manual Integrations
APPROVED

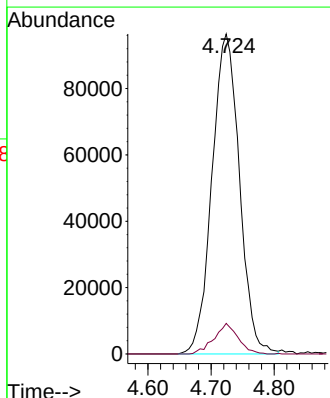
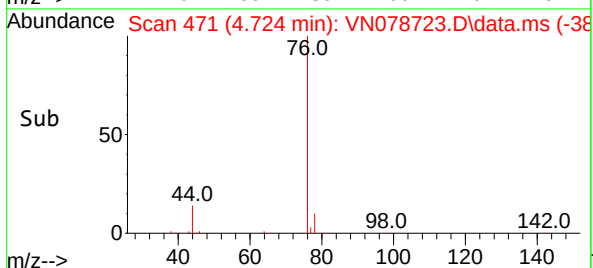
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

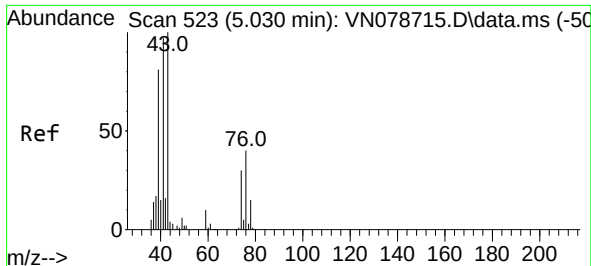


#16
Carbon Disulfide
Concen: 17.928 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12



Tgt Ion: 76 Resp: 290924
Ion Ratio Lower Upper
76 100
78 9.6 7.7 11.5





#17

Allyl chloride

Concen: 18.911 ug/l

RT: 5.036 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN078723.D

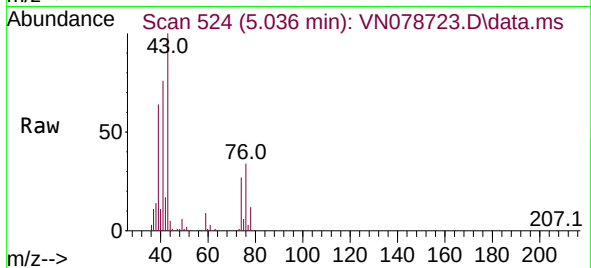
Acq: 01 Aug 2023 18:12

Instrument :

MSVOA_N

ClientSampleId :

VN0801WBSD01



Tgt Ion: 41 Resp: 14833

Ion Ratio Lower Upper

41 100

39 84.6 37.6 112.8

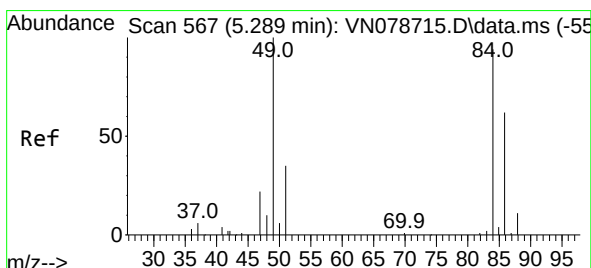
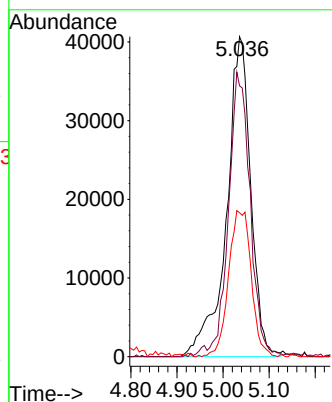
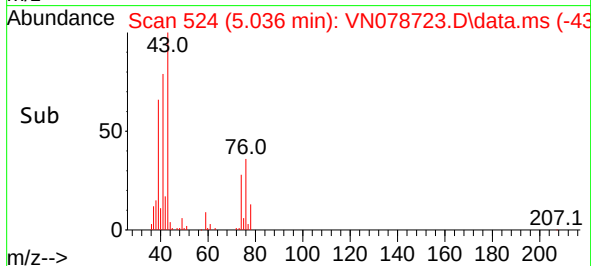
76 44.4 23.8 71.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#18

Methylene Chloride

Concen: 18.835 ug/l

RT: 5.289 min Scan# 567

Delta R.T. -0.000 min

Lab File: VN078723.D

Acq: 01 Aug 2023 18:12

Tgt Ion: 84 Resp: 129818

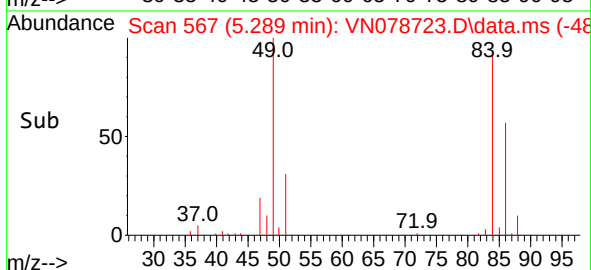
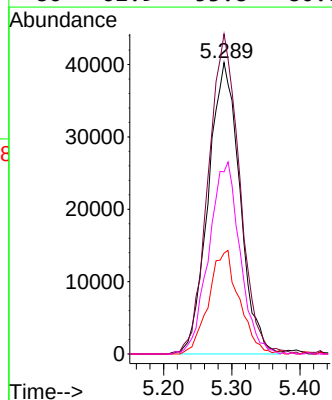
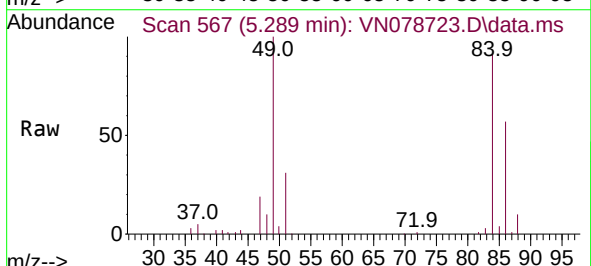
Ion Ratio Lower Upper

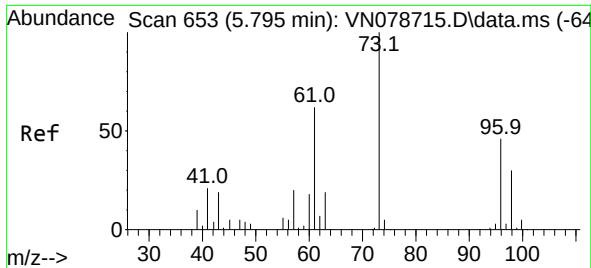
84 100

49 109.6 88.1 132.1

51 34.8 24.0 36.0

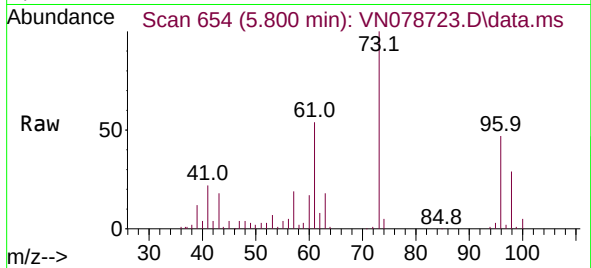
86 62.9 53.8 80.8





#19
trans-1,2-Dichloroethene
Concen: 17.894 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

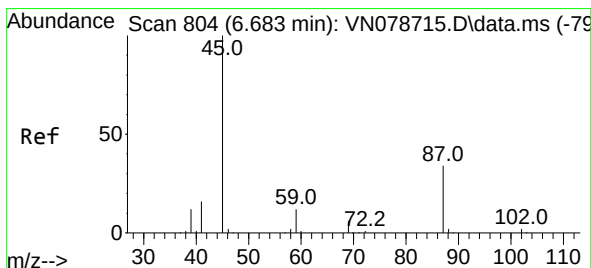
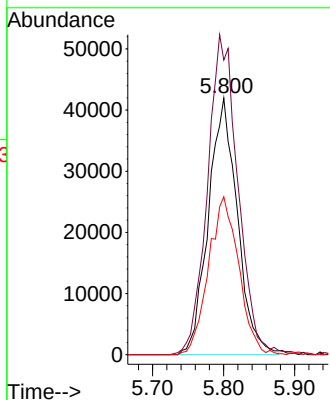
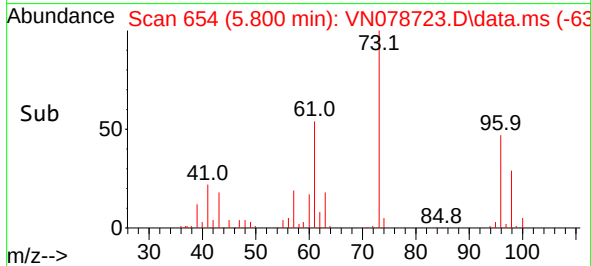
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBSD01



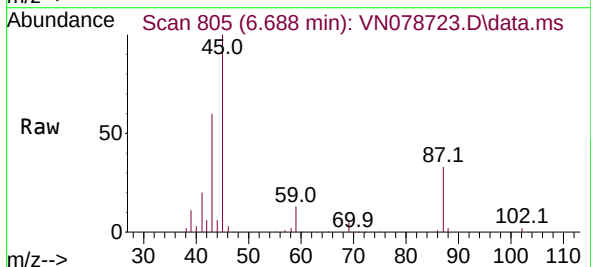
Tgt Ion: 96 Resp: 118850
Ion Ratio Lower Upper
96 100
61 113.9 105.2 157.8
98 61.5 50.5 75.7

Manual Integrations
APPROVED

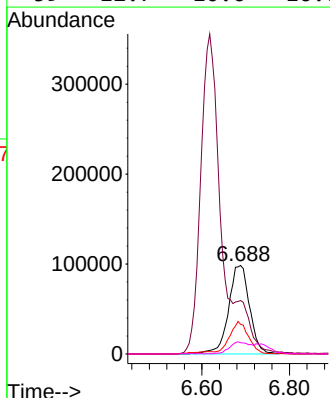
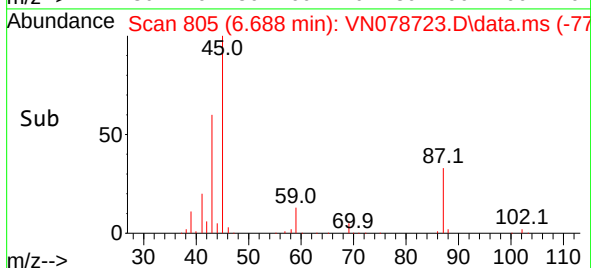
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

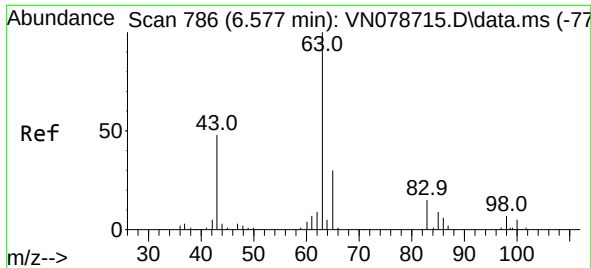


#20
Diisopropyl ether
Concen: 18.535 ug/l m
RT: 6.688 min Scan# 805
Delta R.T. 0.005 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12



Tgt Ion: 45 Resp: 327355
Ion Ratio Lower Upper
45 100
43 60.3 43.6 65.4
87 33.4 25.8 38.6
59 12.7 10.6 16.0





#21

1,1-Dichloroethane

Concen: 18.647 ug/l

RT: 6.577 min Scan# 71

Delta R.T. -0.000 min

Lab File: VN078723.D

Acq: 01 Aug 2023 18:12

Instrument :

MSVOA_N

ClientSampleId :

VN0801WBSD01

Tgt Ion: 63 Resp: 21806

Ion Ratio Lower Upper

63 100

98 4.7 2.7 8.1

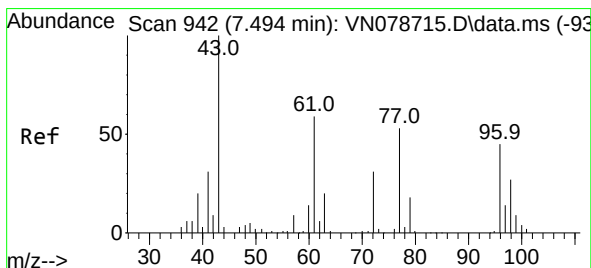
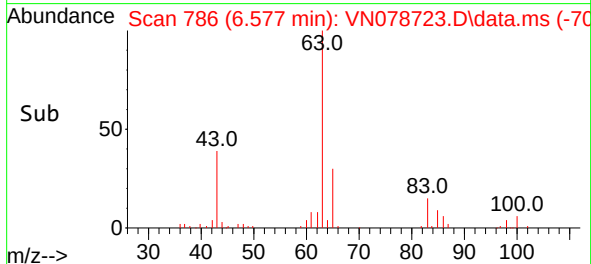
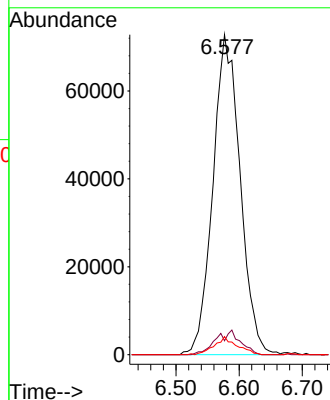
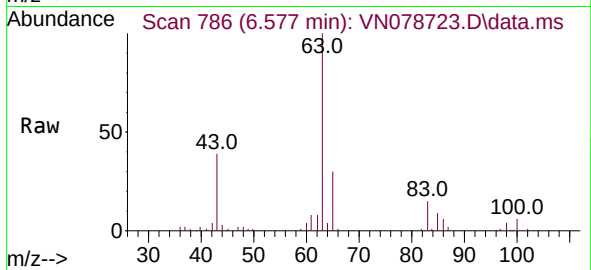
100 5.6 2.5 7.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#22

cis-1,2-Dichloroethene

Concen: 18.288 ug/l

RT: 7.500 min Scan# 943

Delta R.T. 0.006 min

Lab File: VN078723.D

Acq: 01 Aug 2023 18:12

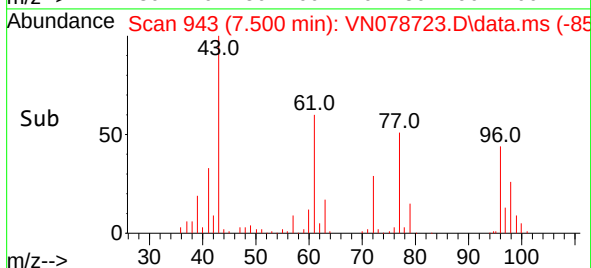
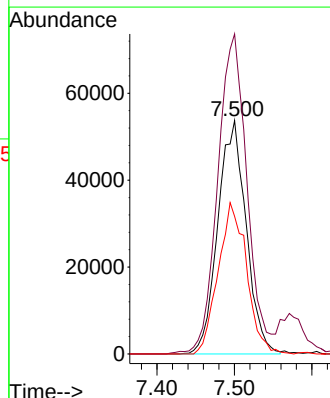
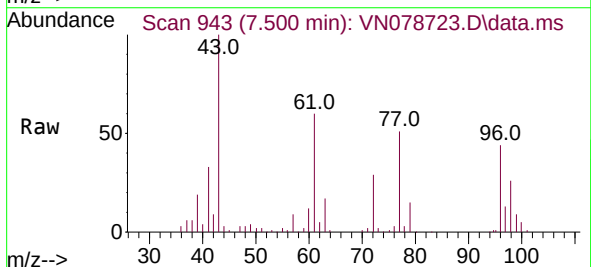
Tgt Ion: 96 Resp: 136417

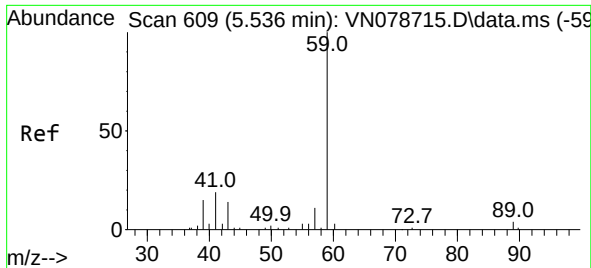
Ion Ratio Lower Upper

96 100

61 140.6 113.8 170.6

98 65.1 52.2 78.4





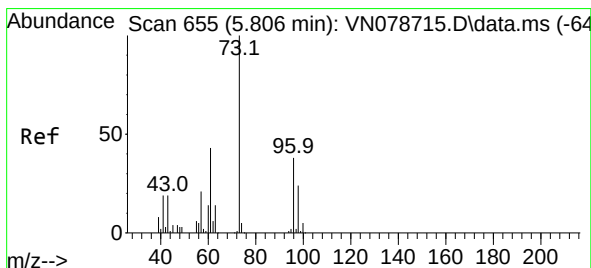
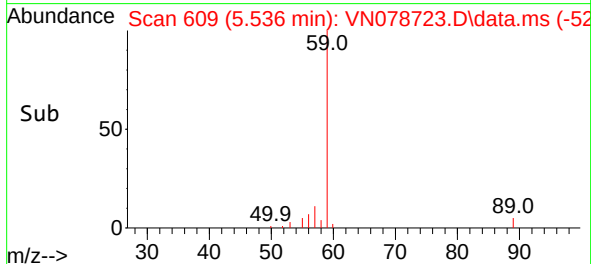
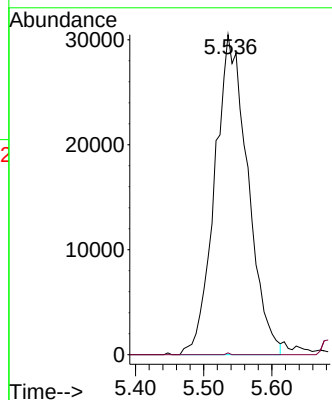
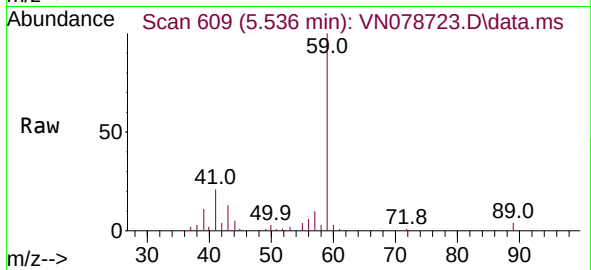
#23
tert-Butyl Alcohol
Concen: 92.305 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

Instrument :
MSVOA_N
ClientSampleId :
VN0801WBSD01

Tgt Ion: 59 Resp: 102917
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

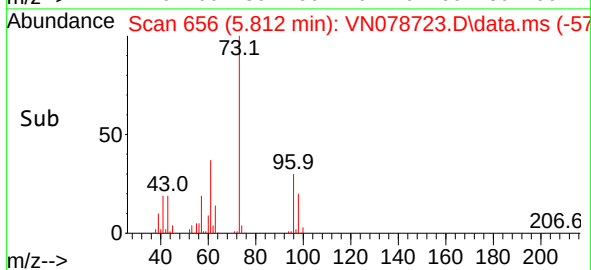
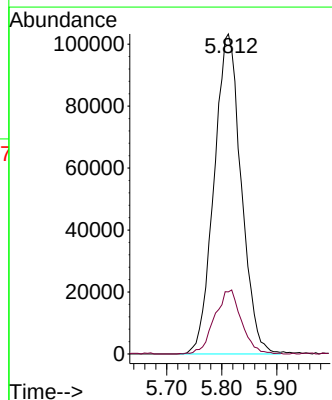
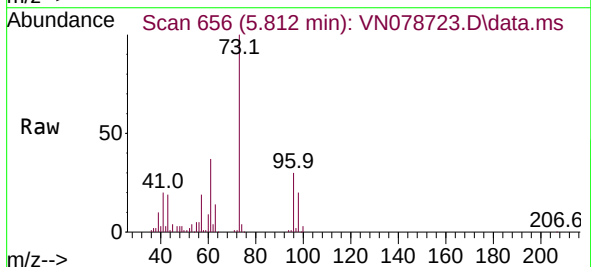
Manual Integrations
APPROVED

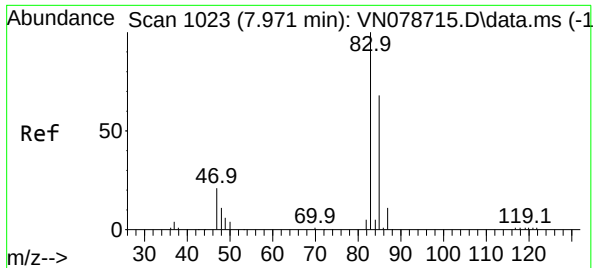
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#24
Methyl tert-Butyl Ether
Concen: 18.330 ug/l
RT: 5.812 min Scan# 656
Delta R.T. 0.006 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

Tgt Ion: 73 Resp: 354100
Ion Ratio Lower Upper
73 100
43 19.8 14.5 21.7





#25

Chloroform

Concen: 19.137 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN078723.D

Acq: 01 Aug 2023 18:12

Instrument :

MSVOA_N

ClientSampleId :

VN0801WBSD01

Tgt Ion: 83 Resp: 23694

Ion Ratio Lower Upper

83 100

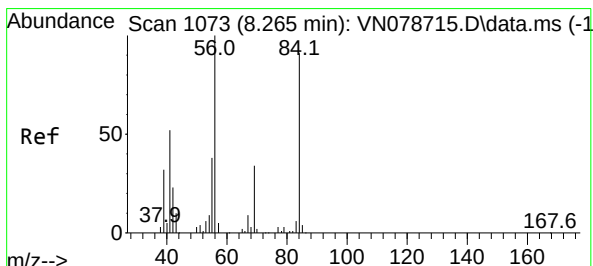
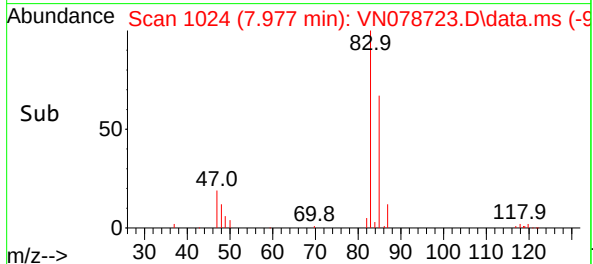
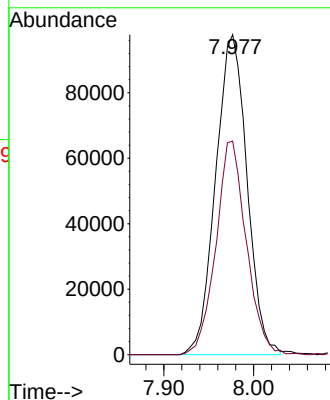
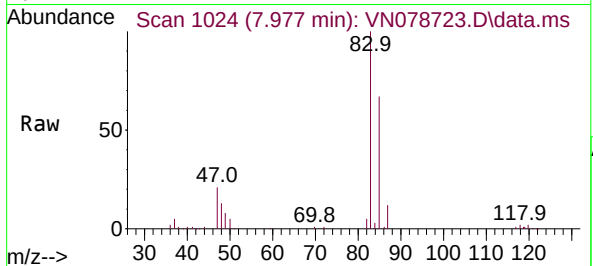
85 66.8 53.4 80.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#26

Cyclohexane

Concen: 19.233 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN078723.D

Acq: 01 Aug 2023 18:12

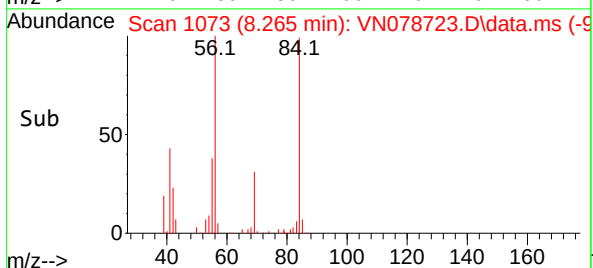
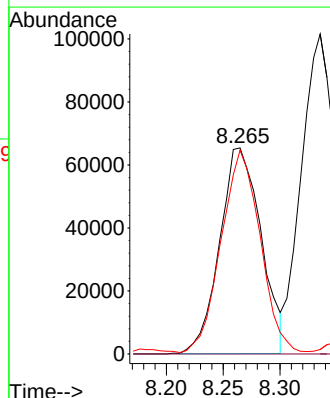
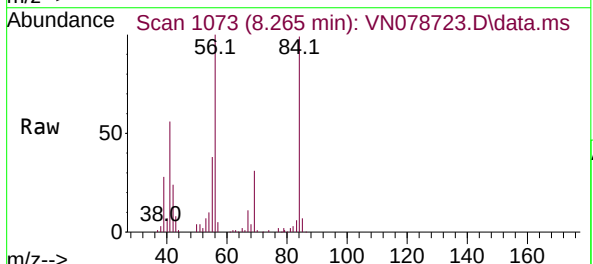
Tgt Ion: 56 Resp: 165683

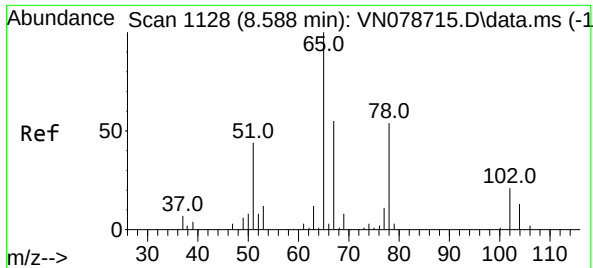
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

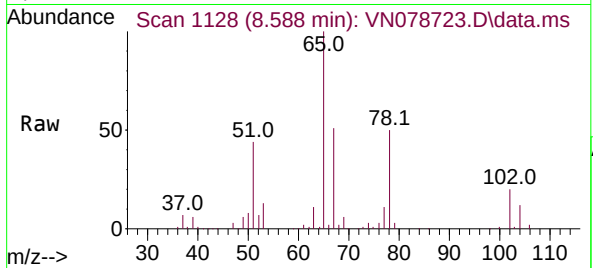
84 94.1 74.2 111.4





#27
1,2-Dichloroethane-d4
Concen: 29.740 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

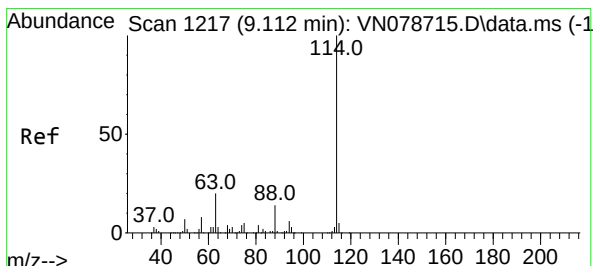
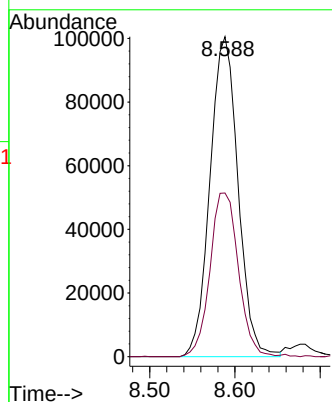
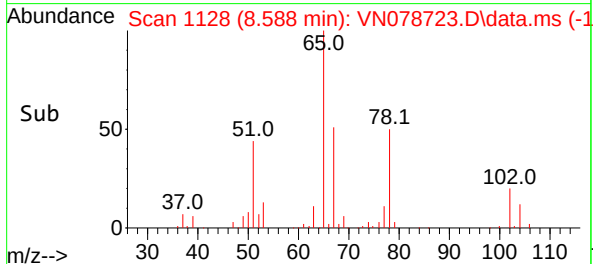
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBSD01



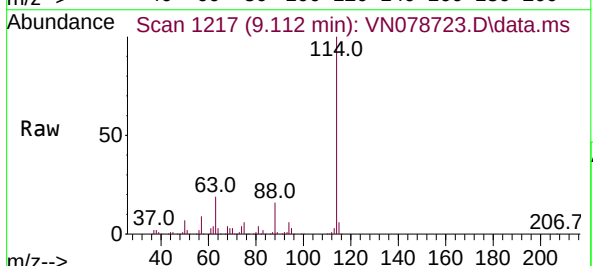
Tgt Ion: 65 Resp: 229874
Ion Ratio Lower Upper
65 100
67 51.7 42.9 64.3

Manual Integrations
APPROVED

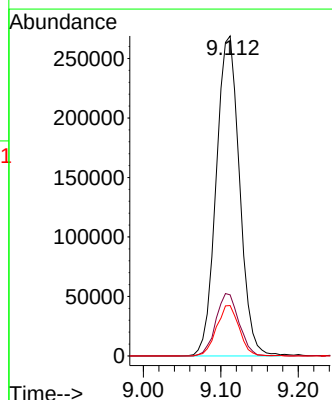
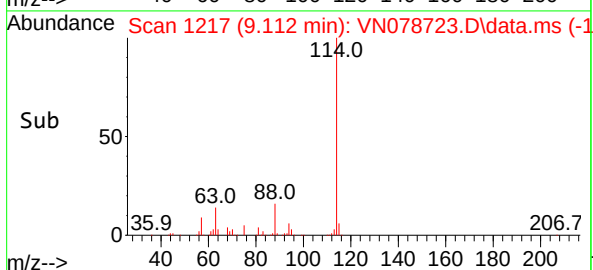
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

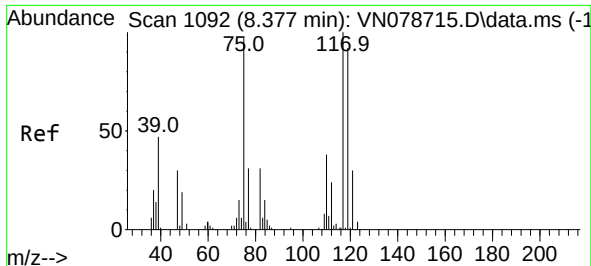


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. -0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12



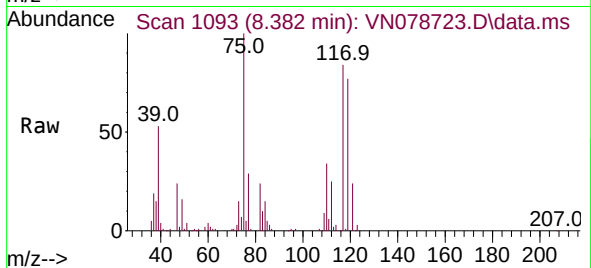
Tgt Ion:114 Resp: 563010
Ion Ratio Lower Upper
114 100
63 19.3 15.2 22.8
88 15.3 12.5 18.7





#29
1,1-Dichloropropene
Concen: 20.453 ug/l
RT: 8.382 min Scan# 1093
Delta R.T. 0.005 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

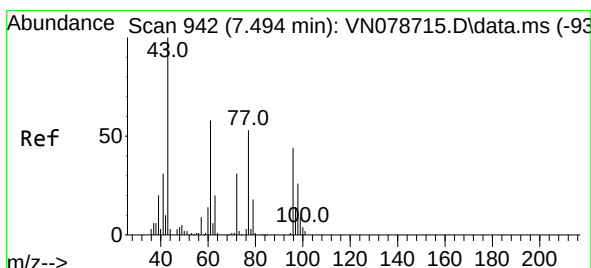
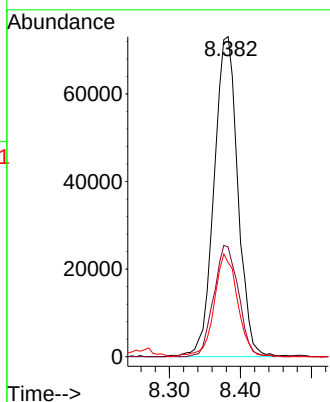
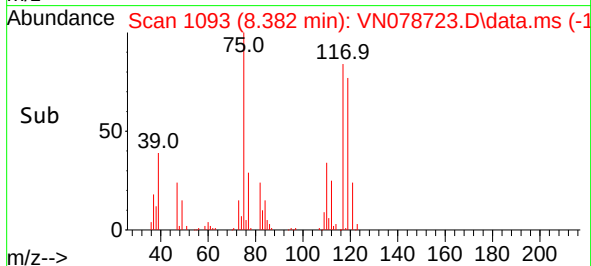
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBSD01



Tgt Ion: 75 Resp: 169440
Ion Ratio Lower Upper
75 100
110 36.0 0.0 72.2
77 31.6 0.0 62.8

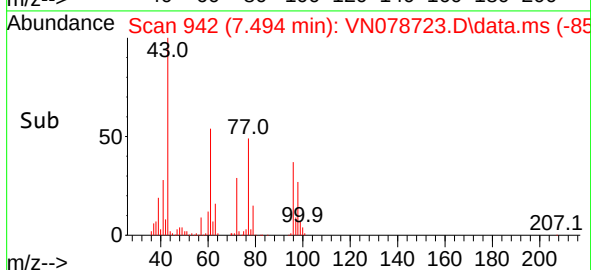
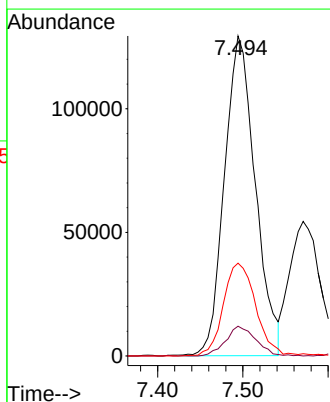
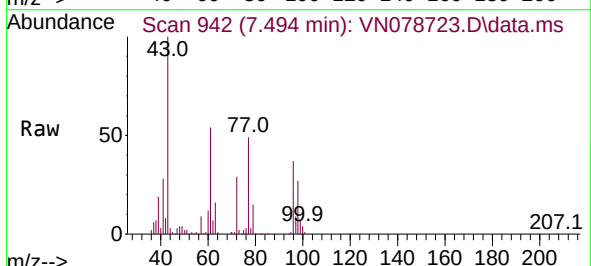
Manual Integrations
APPROVED

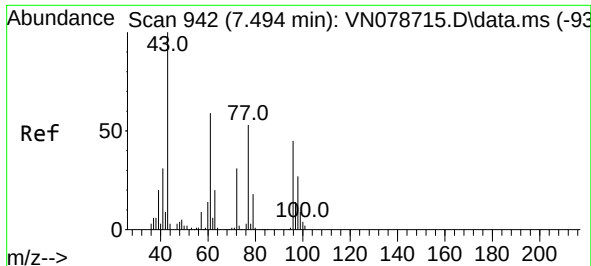
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#30
2-Butanone
Concen: 99.656 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

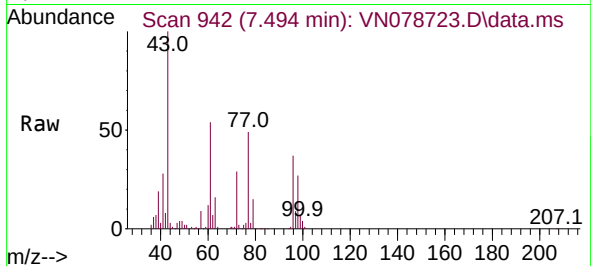
Tgt Ion: 43 Resp: 326358
Ion Ratio Lower Upper
43 100
57 9.1 6.8 10.2
72 29.6 23.8 35.6





#31
2,2-Dichloropropane
Concen: 19.259 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

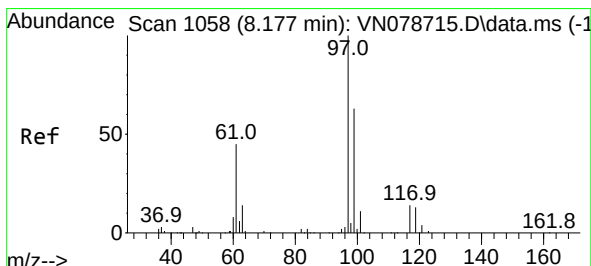
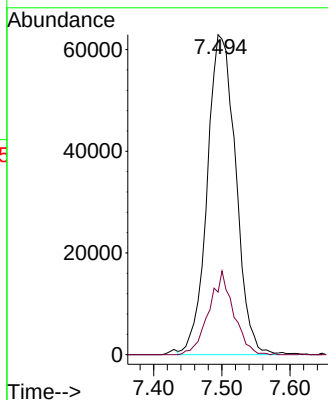
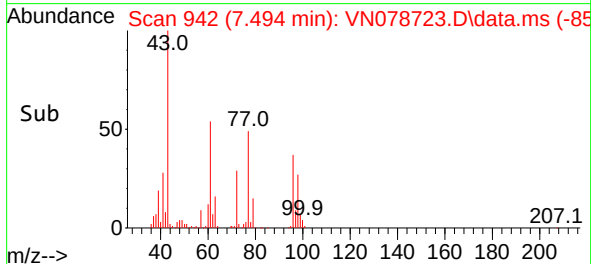
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBSD01



Tgt Ion: 77 Resp: 183078
Ion Ratio Lower Upper
77 100
97 22.3 18.8 28.2

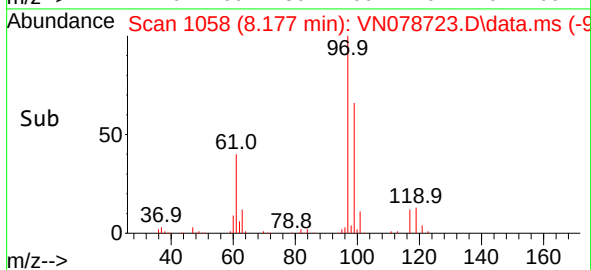
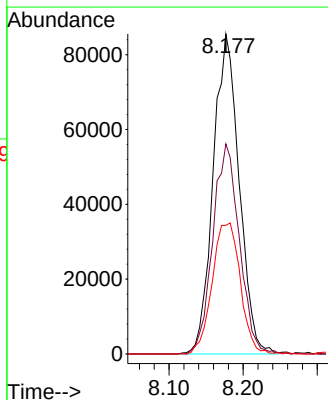
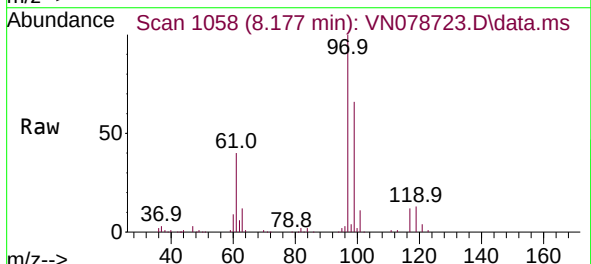
Manual Integrations
APPROVED

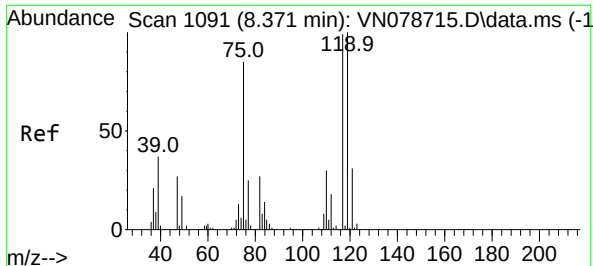
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#32
1,1,1-Trichloroethane
Concen: 19.887 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

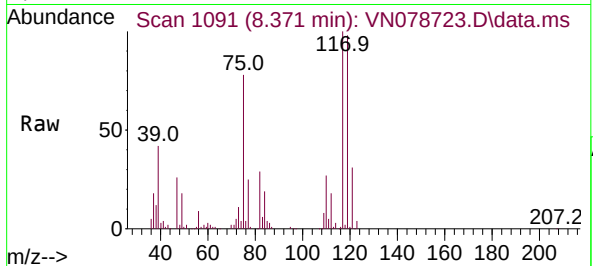
Tgt Ion: 97 Resp: 208441
Ion Ratio Lower Upper
97 100
99 67.0 51.3 76.9
61 44.1 34.6 52.0





#33
Carbon Tetrachloride
Concen: 20.903 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

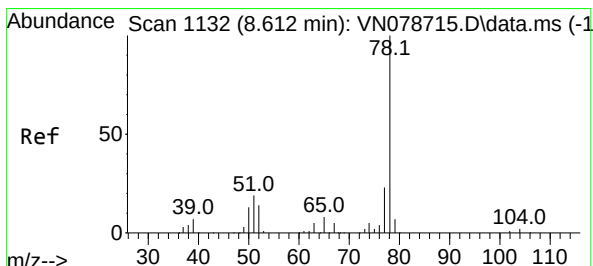
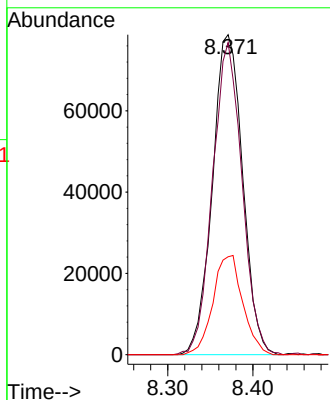
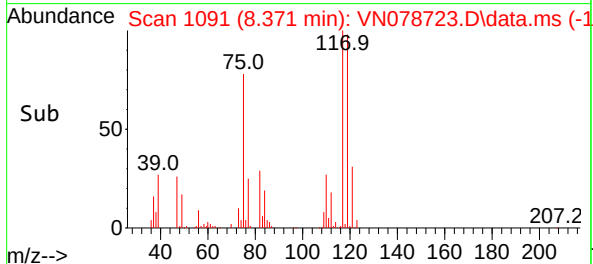
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBSD01



Tgt Ion:117 Resp: 19459
Ion Ratio Lower Upper
117 100
119 97.3 81.4 122.0
121 30.6 23.6 35.4

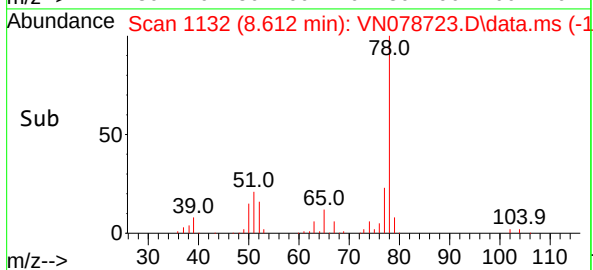
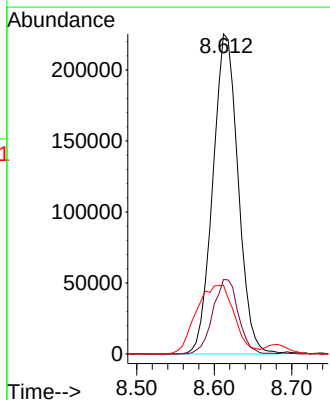
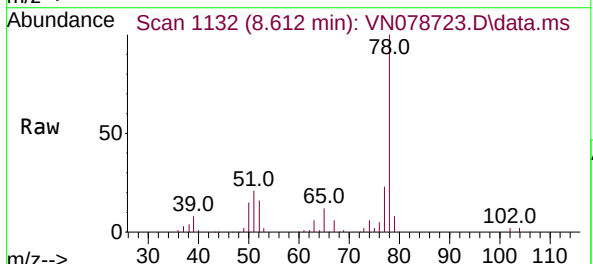
Manual Integrations
APPROVED

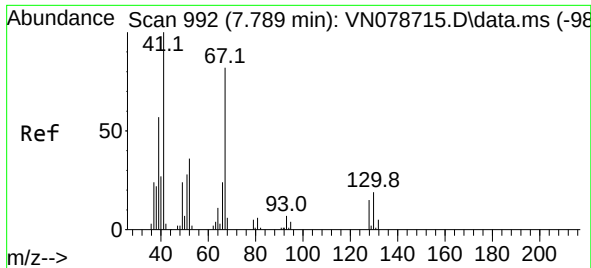
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#34
Benzene
Concen: 20.541 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

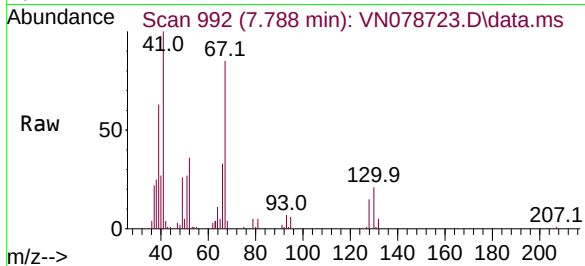
Tgt Ion: 78 Resp: 511170
Ion Ratio Lower Upper
78 100
77 23.2 18.3 27.5
51 20.4 13.7 20.5





#35
Methacrylonitrile
Concen: 20.092 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.001 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

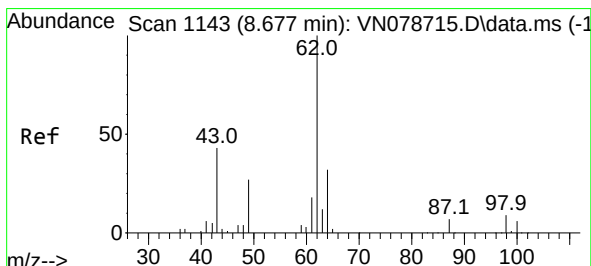
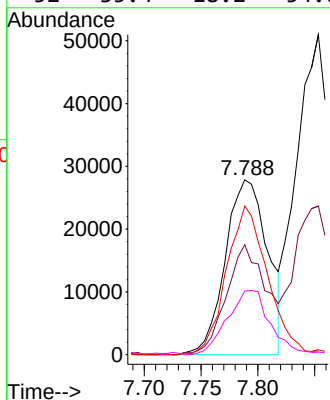
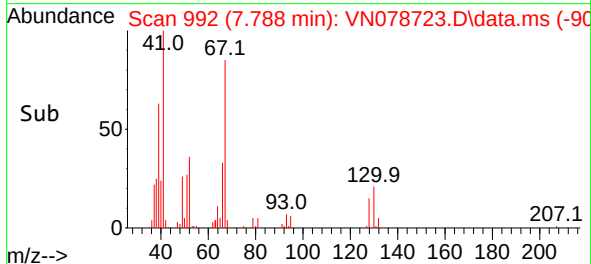
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBSD01



Tgt Ion: 41 Resp: 7225
Ion Ratio Lower Upper
41 100
39 62.8 33.9 101.6
67 85.0 45.9 137.6
52 35.4 18.2 54.6

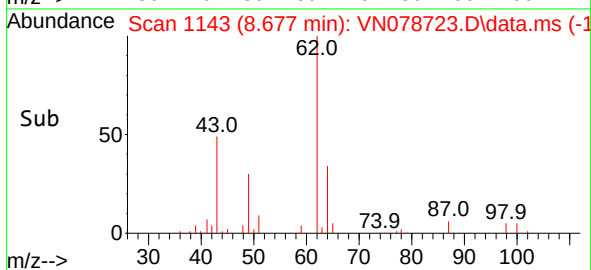
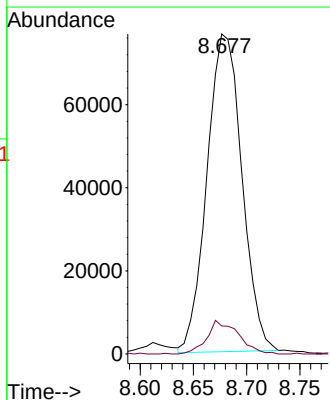
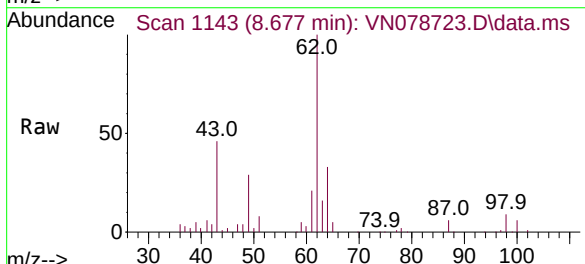
Manual Integrations
APPROVED

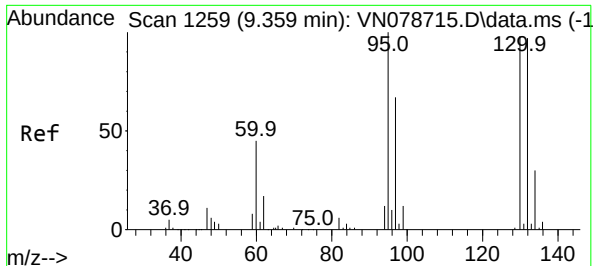
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#36
1,2-Dichloroethane
Concen: 19.976 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

Tgt Ion: 62 Resp: 174583
Ion Ratio Lower Upper
62 100
98 9.5 7.4 11.0





#37

Trichloroethene

Concen: 19.737 ug/l

RT: 9.359 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN078723.D

Acq: 01 Aug 2023 18:12

Instrument :

MSVOA_N

ClientSampleId :

VN0801WBSD01

Tgt Ion:130 Resp: 137828

Ion Ratio Lower Upper

130 100

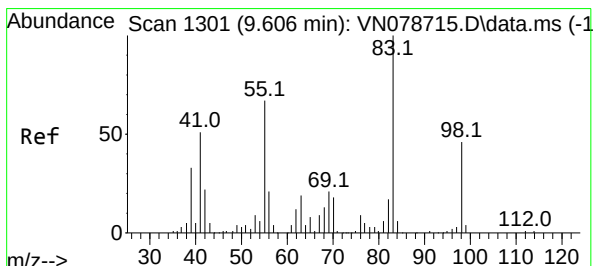
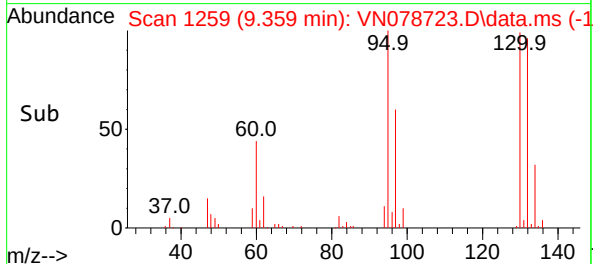
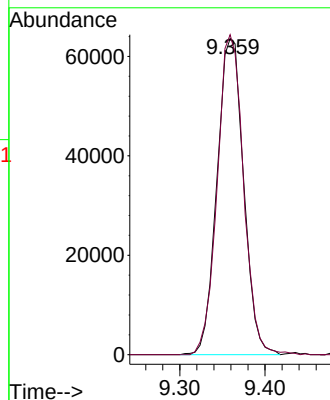
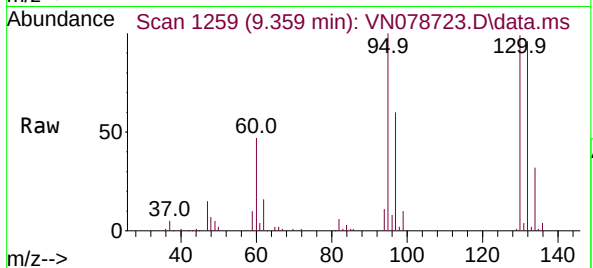
95 101.2 78.2 117.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#38

Methylcyclohexane

Concen: 18.956 ug/l

RT: 9.612 min Scan# 1302

Delta R.T. 0.006 min

Lab File: VN078723.D

Acq: 01 Aug 2023 18:12

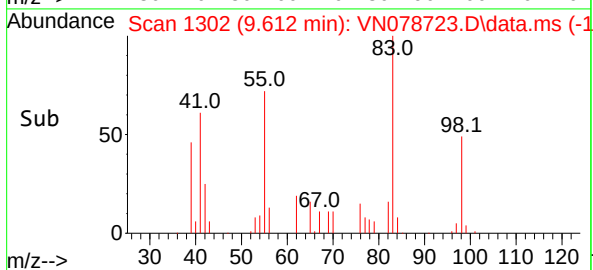
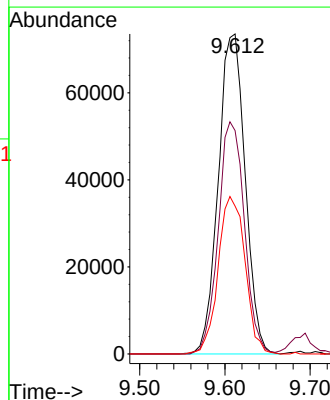
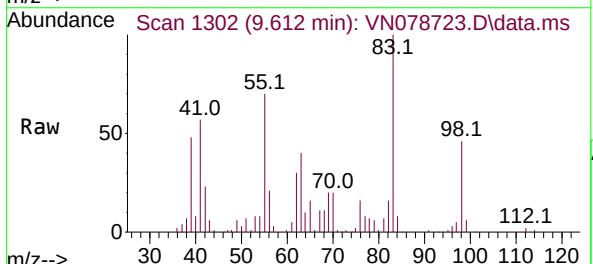
Tgt Ion: 83 Resp: 161347

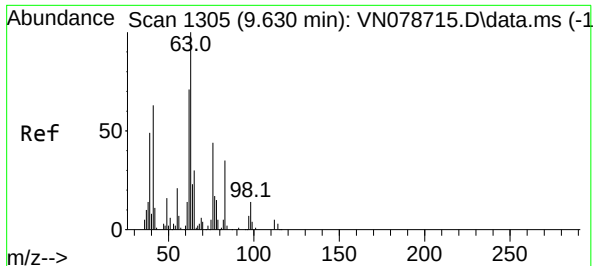
Ion Ratio Lower Upper

83 100

55 70.6 34.0 102.0

98 49.3 23.0 69.0





#39

1,2-Dichloropropane

Concen: 19.412 ug/l

RT: 9.629 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN078723.D

Acq: 01 Aug 2023 18:12

Instrument :

MSVOA_N

ClientSampleId :

VN0801WBSD01

Tgt Ion: 63 Resp: 129500

Ion Ratio Lower Upper

63 100

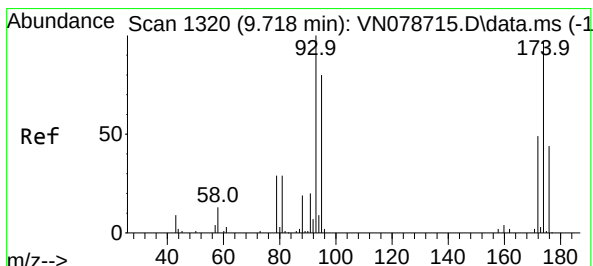
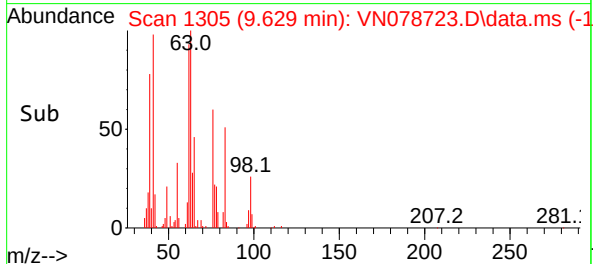
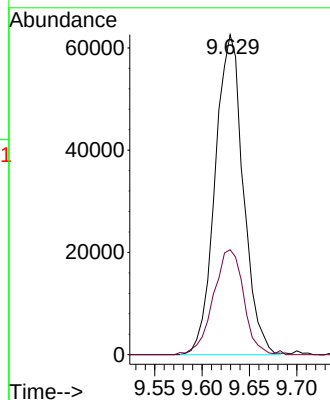
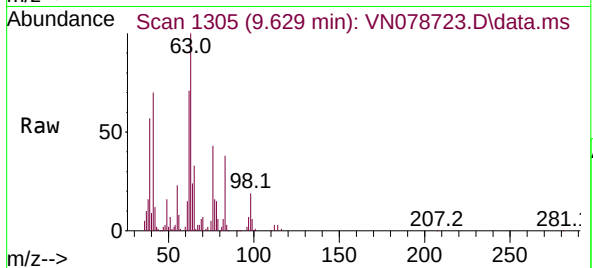
65 32.1 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#40

Dibromomethane

Concen: 20.239 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078723.D

Acq: 01 Aug 2023 18:12

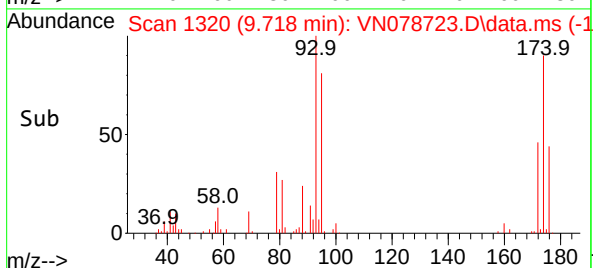
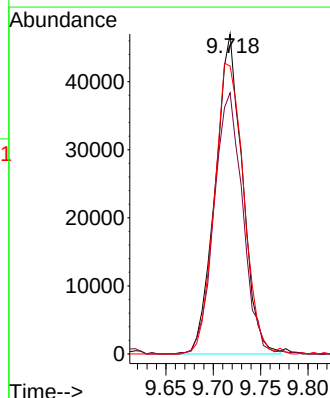
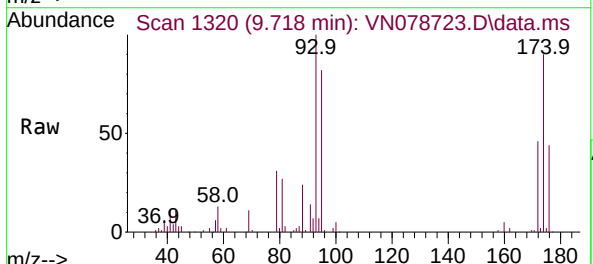
Tgt Ion: 93 Resp: 93448

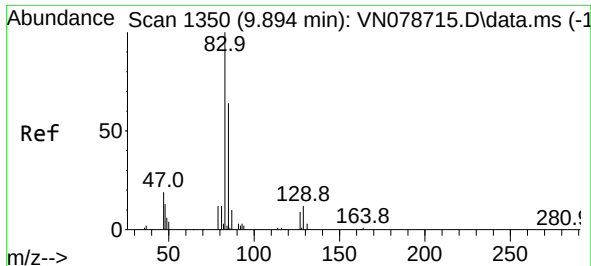
Ion Ratio Lower Upper

93 100

95 86.0 0.0 167.8

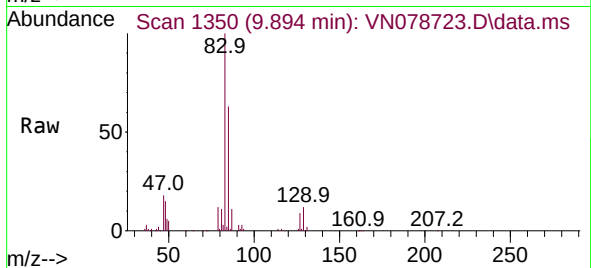
174 97.7 0.0 180.8





#41
Bromodichloromethane
Concen: 20.162 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

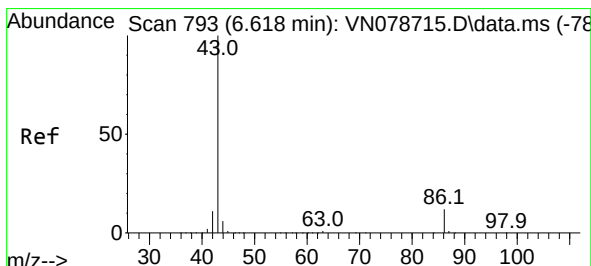
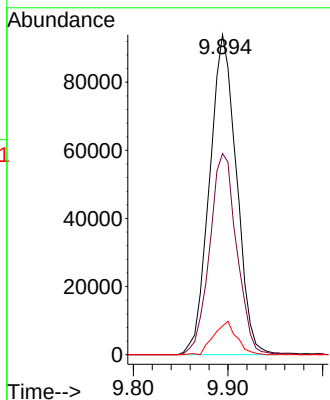
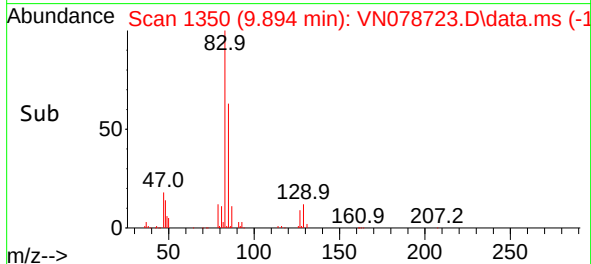
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBSD01



Tgt Ion: 83 Resp: 186110
Ion Ratio Lower Upper
83 100
85 62.9 54.1 81.1
127 9.6 7.8 11.6

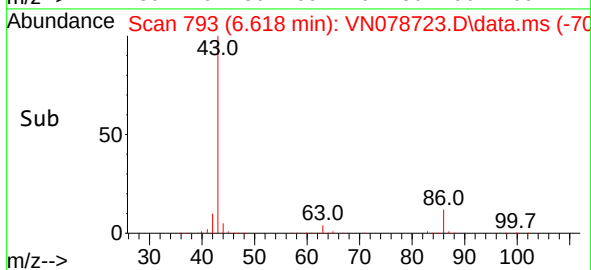
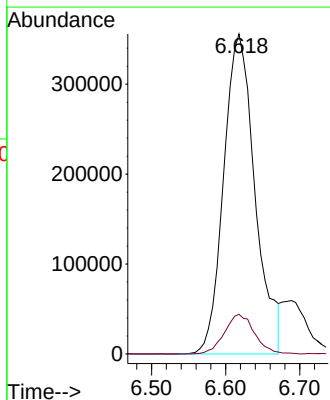
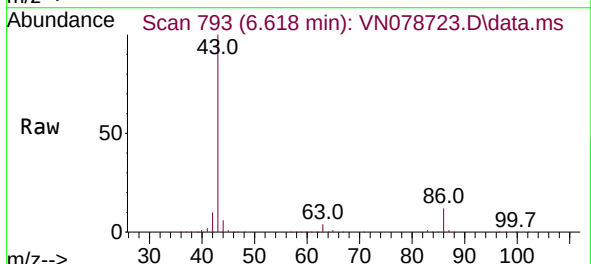
Manual Integrations
APPROVED

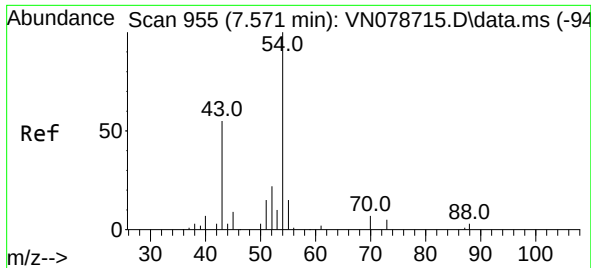
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#42
Vinyl Acetate
Concen: 99.503 ug/l
RT: 6.618 min Scan# 793
Delta R.T. -0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

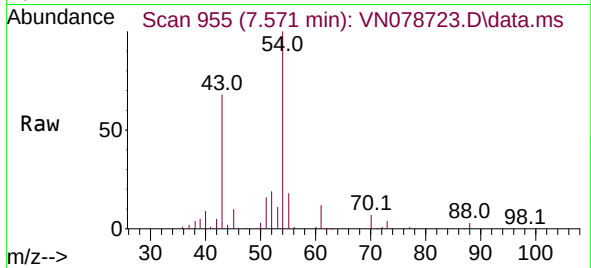
Tgt Ion: 43 Resp: 1047629
Ion Ratio Lower Upper
43 100
86 11.8 9.4 14.0





#43
Ethyl Acetate
Concen: 21.257 ug/l
RT: 7.571 min Scan# 914
Delta R.T. -0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

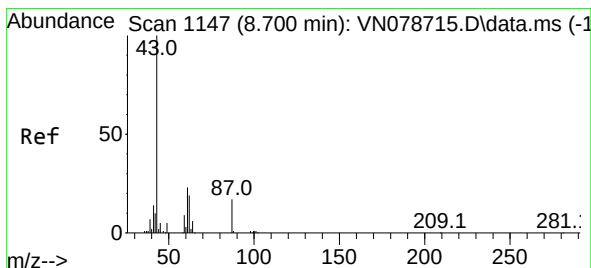
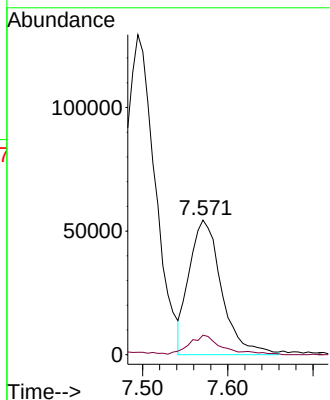
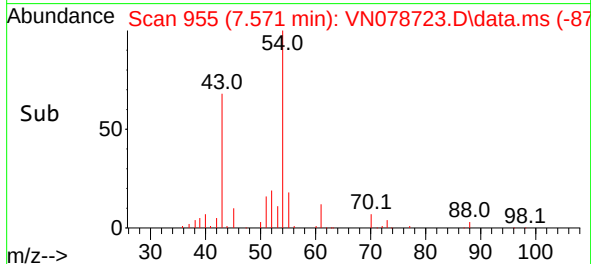
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBSD01



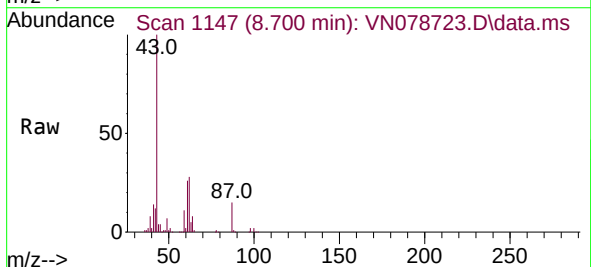
Tgt Ion: 43 Resp: 143914
Ion Ratio Lower Upper
43 100
45 12.4 10.9 16.3

Manual Integrations
APPROVED

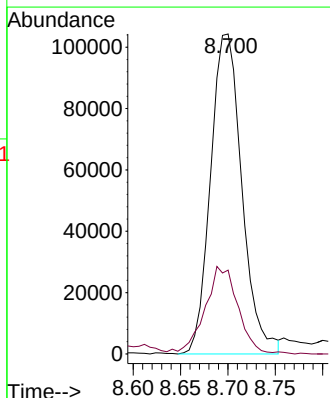
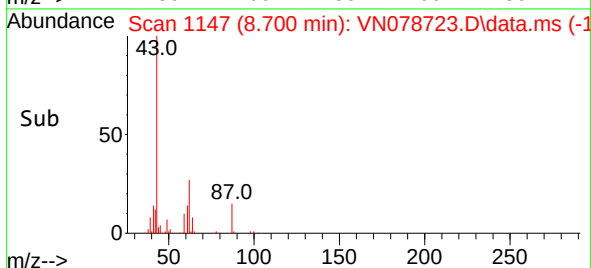
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

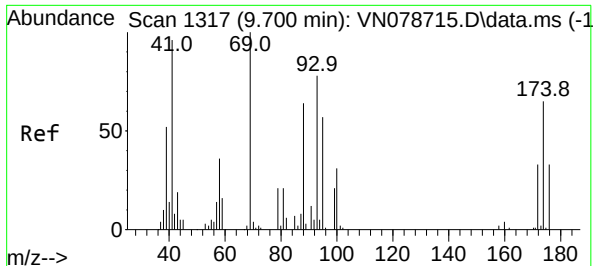


#44
Isopropyl Acetate
Concen: 20.221 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12



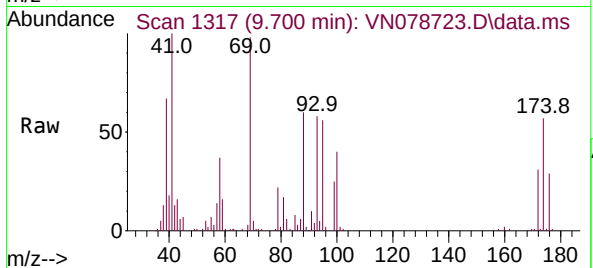
Tgt Ion: 43 Resp: 240192
Ion Ratio Lower Upper
43 100
61 28.7 23.0 34.6





#45
1,4-Dioxane
Concen: 401.823 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

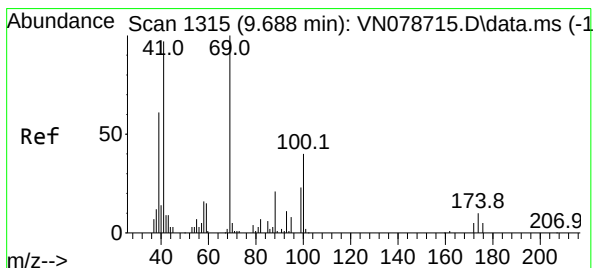
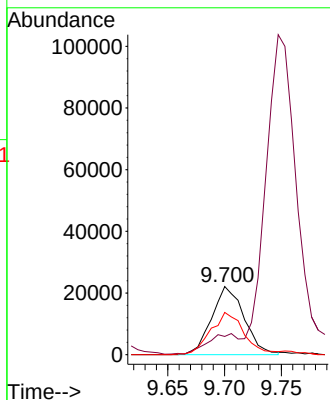
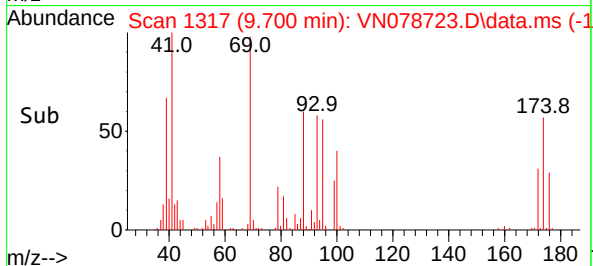
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBSD01



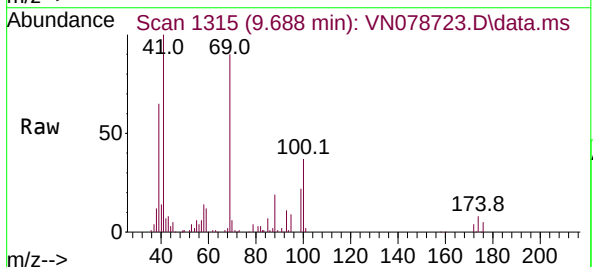
Tgt Ion: 88 Resp: 43900
Ion Ratio Lower Upper
88 100
43 27.2 19.0 28.6
58 64.1 48.2 72.2

Manual Integrations
APPROVED

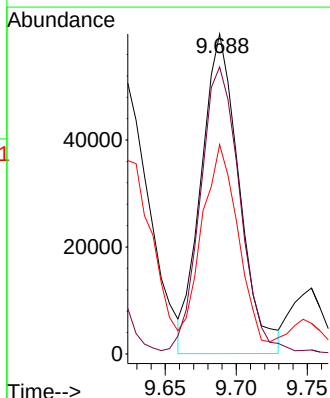
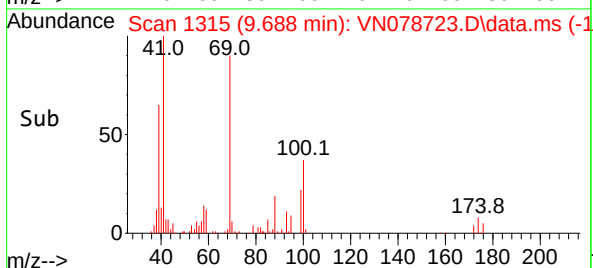
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

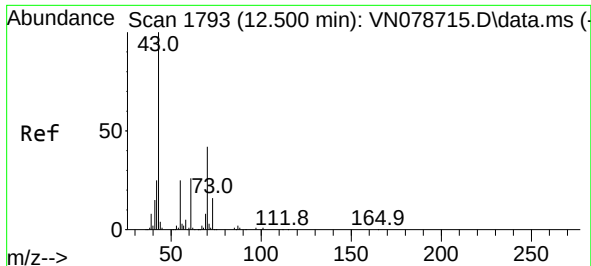


#46
Methyl methacrylate
Concen: 20.468 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12



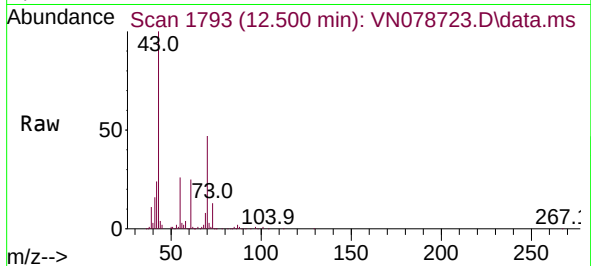
Tgt Ion: 41 Resp: 111341
Ion Ratio Lower Upper
41 100
69 93.3 49.0 147.0
39 65.1 31.6 94.8





#47
n-amy1 Acetate
Concen: 19.953 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

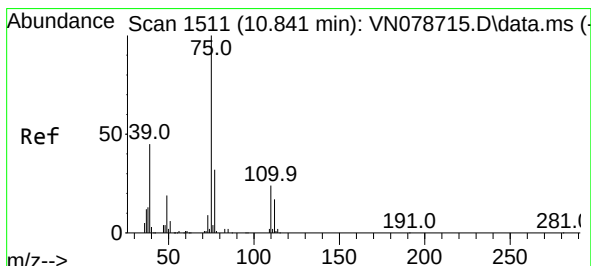
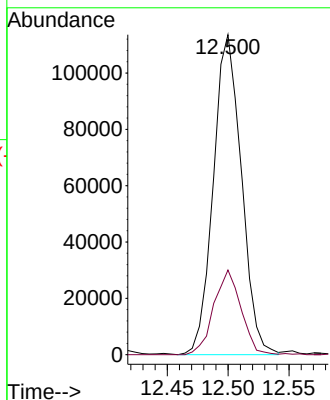
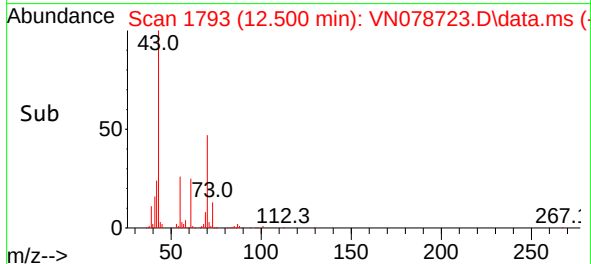
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBSD01



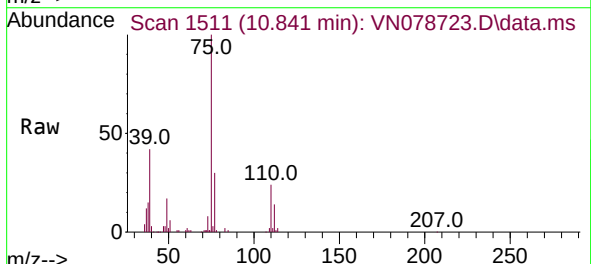
Tgt Ion: 43 Resp: 18253
Ion Ratio Lower Upper
43 100
55 25.6 21.5 32.3

Manual Integrations
APPROVED

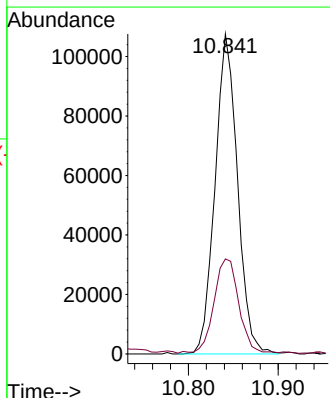
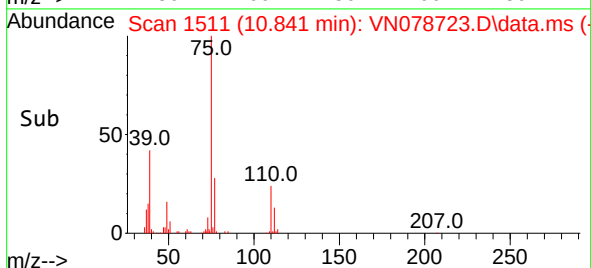
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

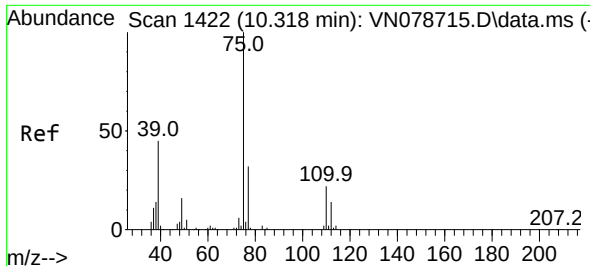


#48
t-1,3-Dichloropropene
Concen: 18.923 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12



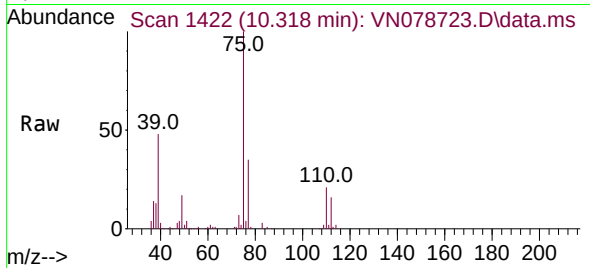
Tgt Ion: 75 Resp: 186436
Ion Ratio Lower Upper
75 100
77 29.4 26.1 39.1





#49
cis-1,3-Dichloropropene
Concen: 20.335 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

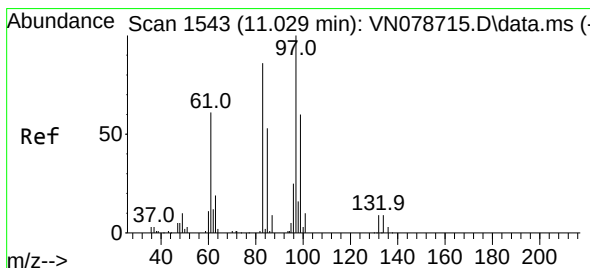
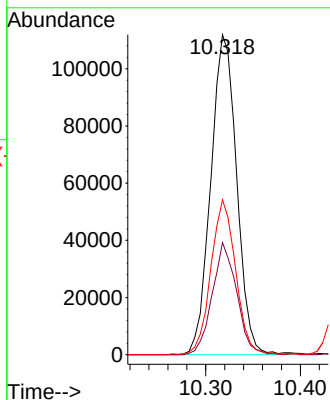
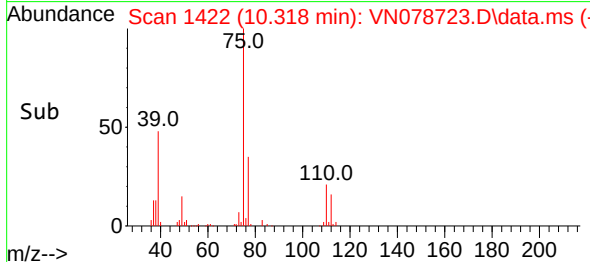
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBSD01



Tgt Ion: 75 Resp: 212789
Ion Ratio Lower Upper
75 100
77 35.0 24.0 36.0
39 48.2 35.1 52.7

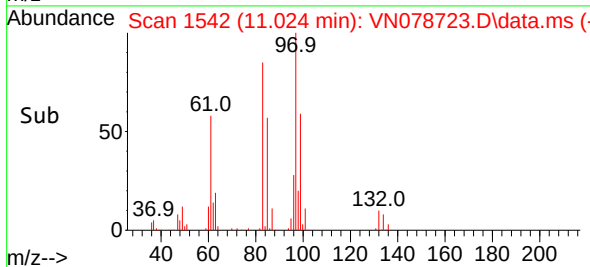
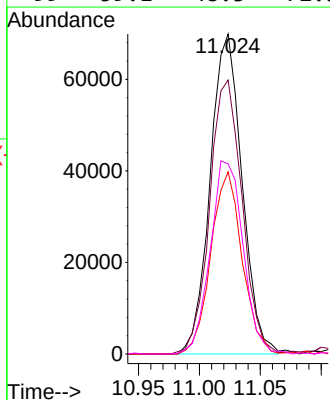
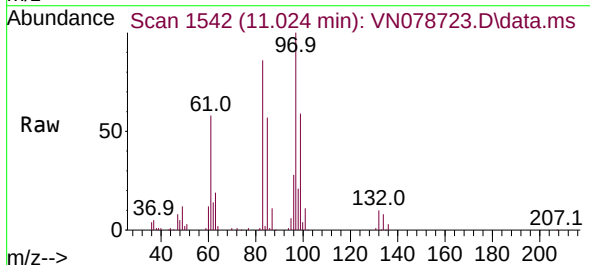
Manual Integrations
APPROVED

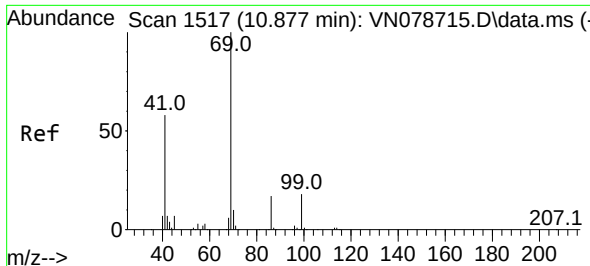
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#50
1,1,2-Trichloroethane
Concen: 19.492 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. -0.005 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

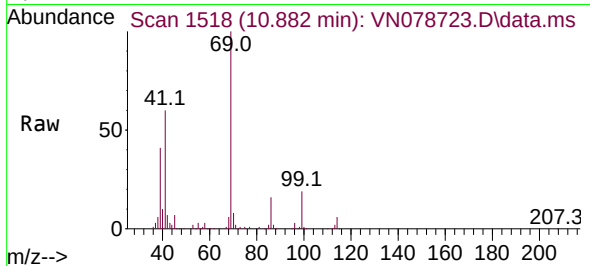
Tgt Ion: 97 Resp: 127399
Ion Ratio Lower Upper
97 100
83 85.1 66.8 100.2
85 56.9 42.5 63.7
99 59.1 48.3 72.5





#51
Ethyl methacrylate
Concen: 19.341 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.005 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

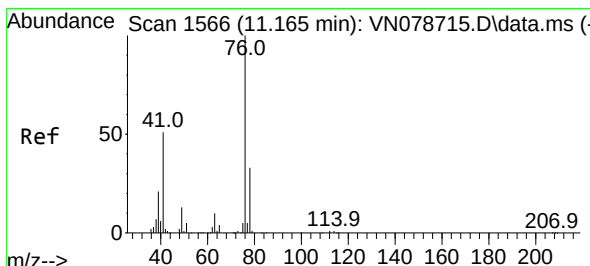
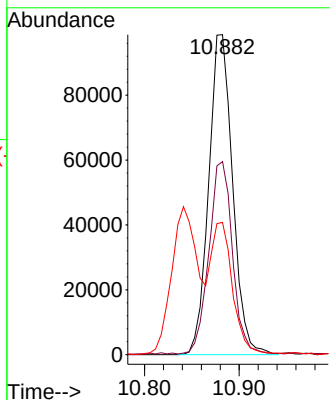
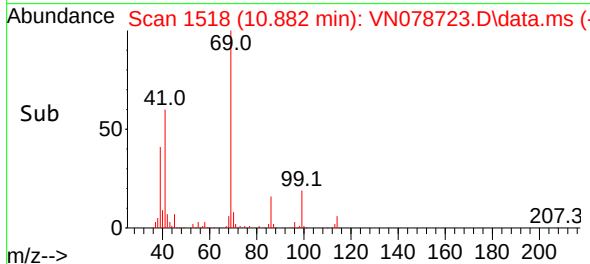
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBSD01



Tgt Ion: 69 Resp: 173069
Ion Ratio Lower Upper
69 100
41 60.1 26.0 78.0
39 40.9 16.3 48.9

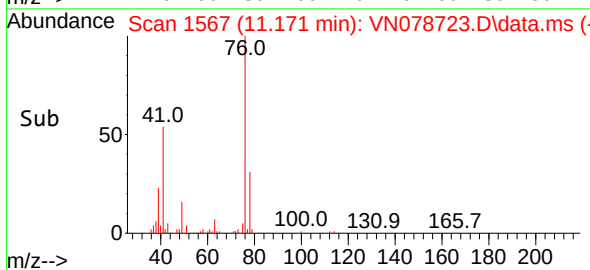
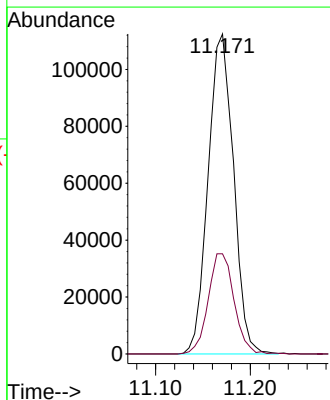
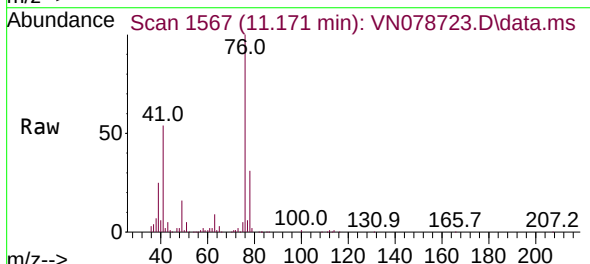
Manual Integrations
APPROVED

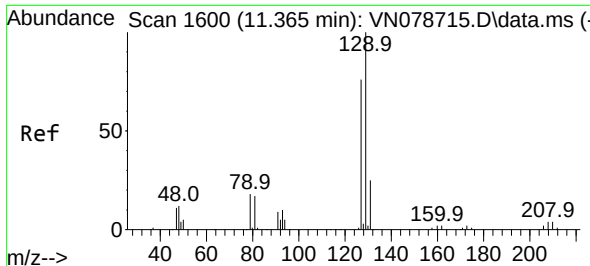
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#52
1,3-Dichloropropane
Concen: 17.855 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

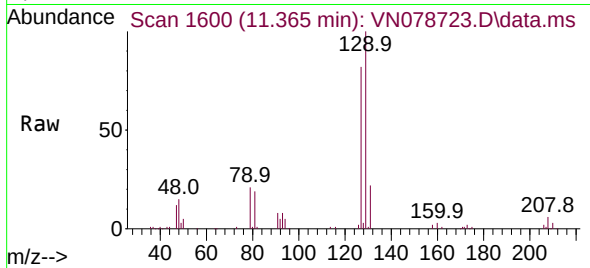
Tgt Ion: 76 Resp: 209744
Ion Ratio Lower Upper
76 100
78 31.8 0.0 66.2





#53
Dibromochloromethane
Concen: 19.380 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

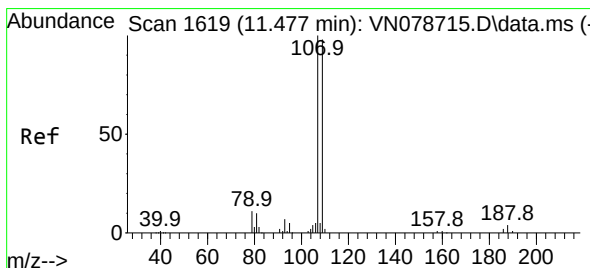
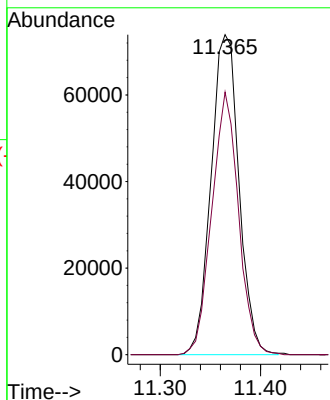
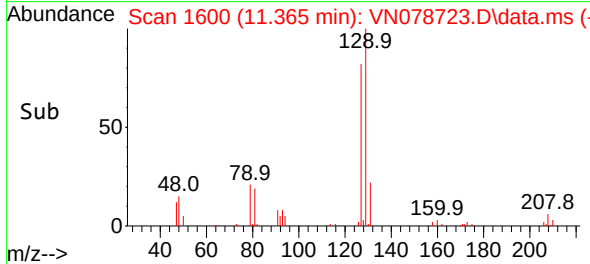
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBSD01



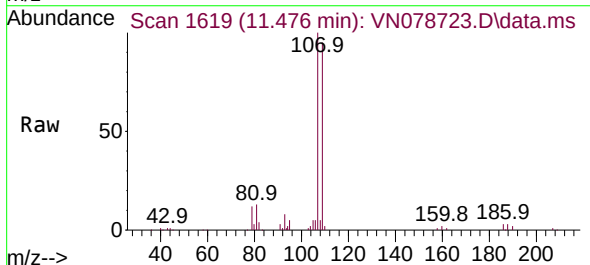
Tgt Ion:129 Resp: 143097
Ion Ratio Lower Upper
129 100
127 78.2 39.4 118.1

Manual Integrations
APPROVED

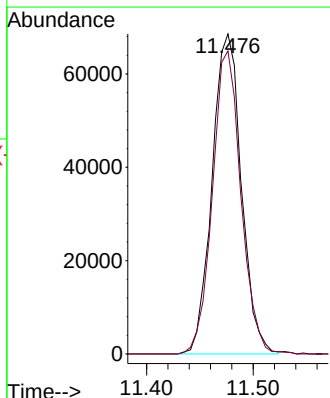
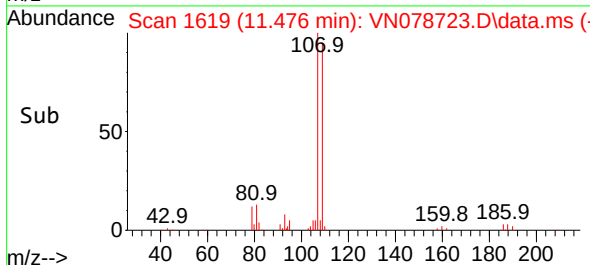
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

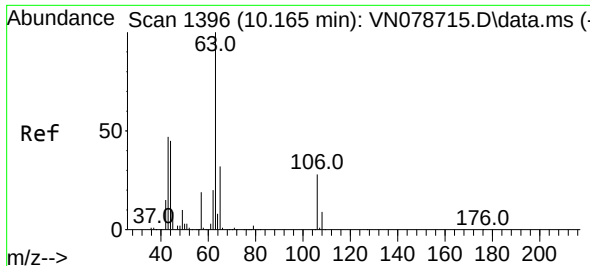


#54
1,2-Dibromoethane
Concen: 19.878 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.001 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12



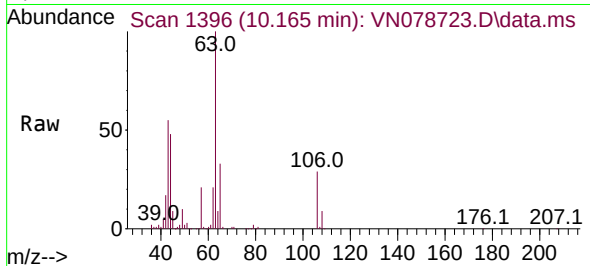
Tgt Ion:107 Resp: 130462
Ion Ratio Lower Upper
107 100
109 92.5 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 106.852 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

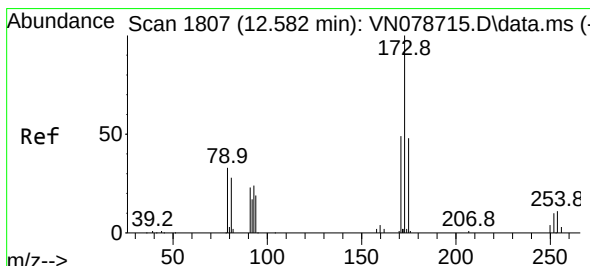
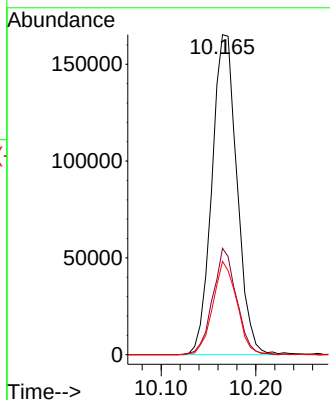
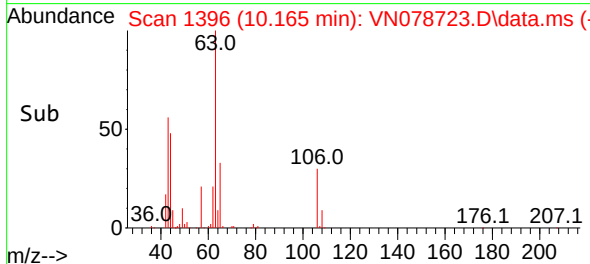
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBSD01



Tgt Ion: 63 Resp: 30467
Ion Ratio Lower Upper
63 100
65 31.3 26.3 39.5
106 27.7 23.8 35.6

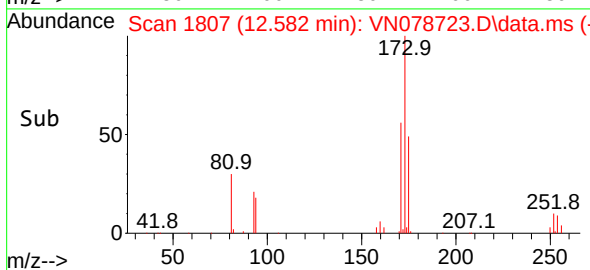
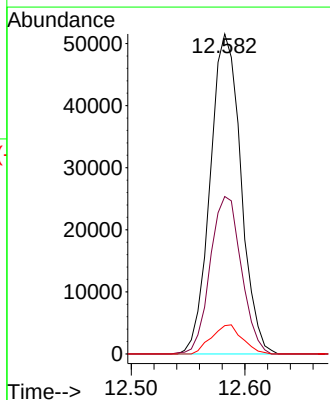
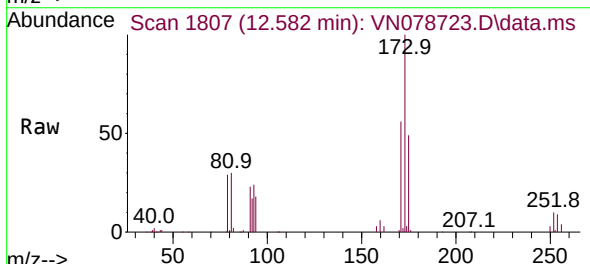
Manual Integrations
APPROVED

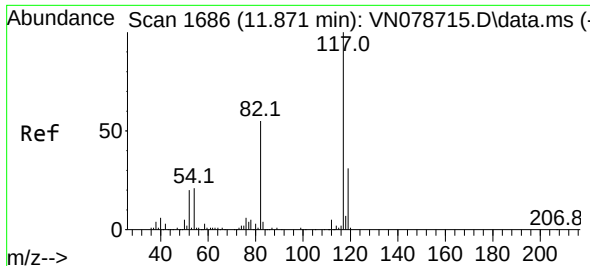
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#56
Bromoform
Concen: 20.050 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

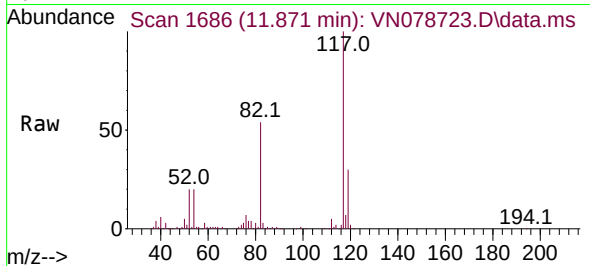
Tgt Ion:173 Resp: 96864
Ion Ratio Lower Upper
173 100
175 49.8 40.7 61.1
254 9.1 6.5 9.7





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

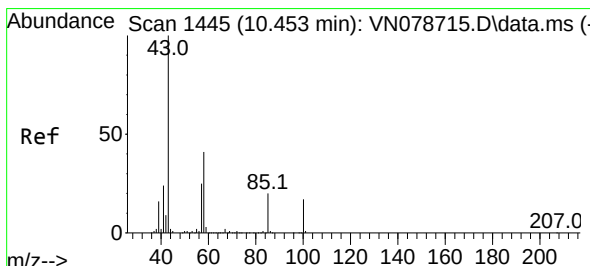
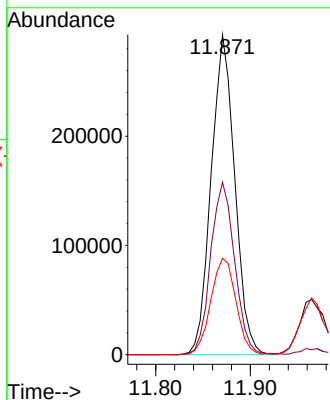
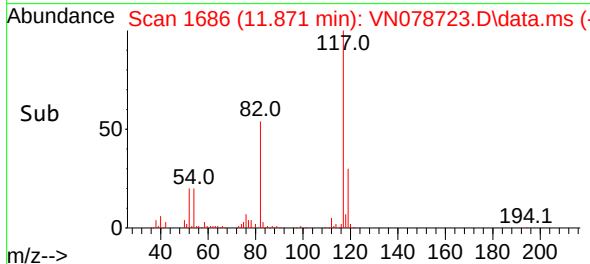
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBSD01



Tgt Ion:117 Resp: 506634
Ion Ratio Lower Upper
117 100
82 54.8 43.9 65.9
119 32.1 26.2 39.4

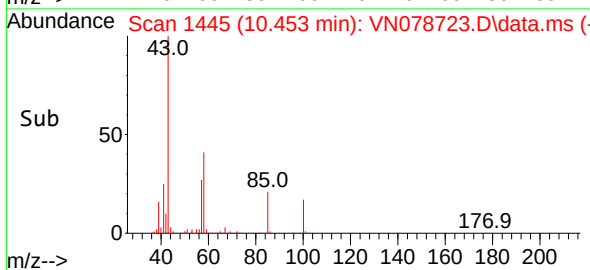
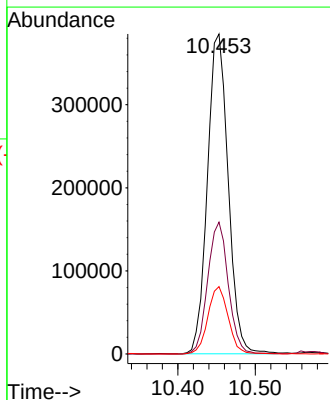
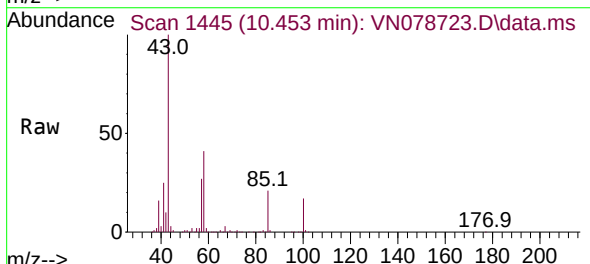
Manual Integrations
APPROVED

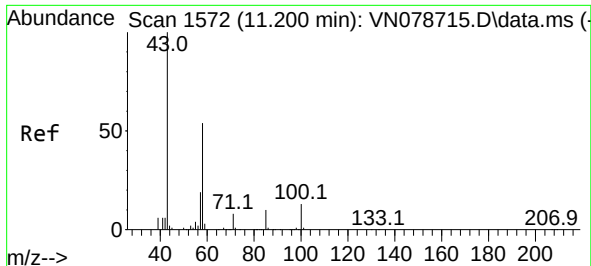
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#58
4-Methyl-2-Pentanone
Concen: 94.600 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

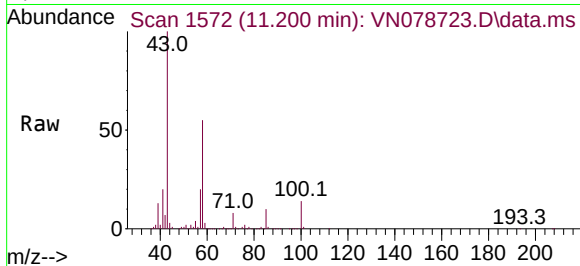
Tgt Ion: 43 Resp: 717378
Ion Ratio Lower Upper
43 100
58 40.8 32.6 48.8
85 20.7 16.2 24.2





#59
2-Hexanone
Concen: 86.242 ug/l
RT: 11.200 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

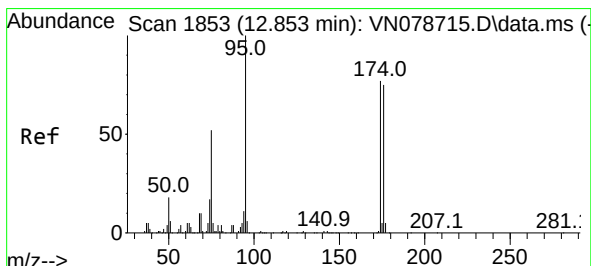
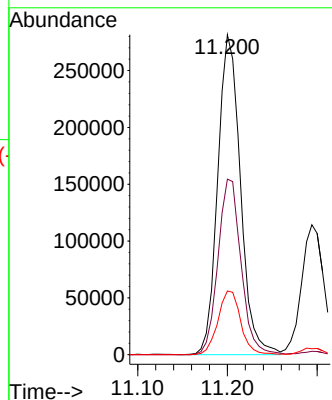
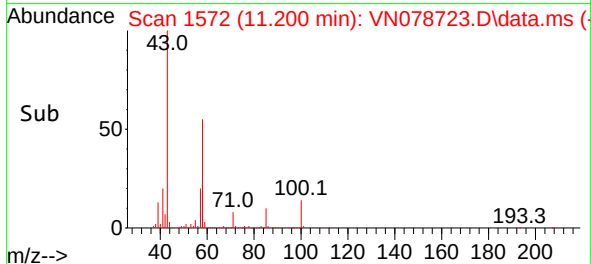
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBSD01



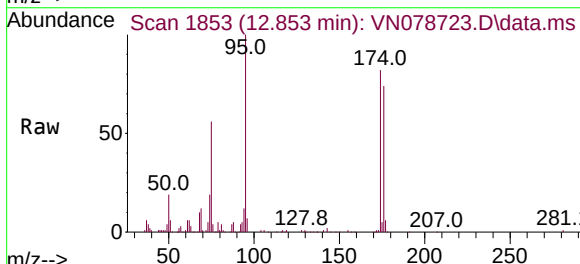
Tgt Ion: 43 Resp: 495179
Ion Ratio Lower Upper
43 100
58 55.7 45.9 68.9
57 20.0 15.8 23.6

Manual Integrations
APPROVED

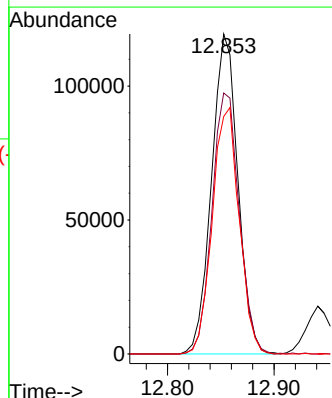
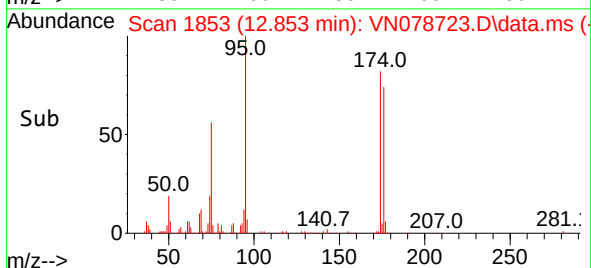
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

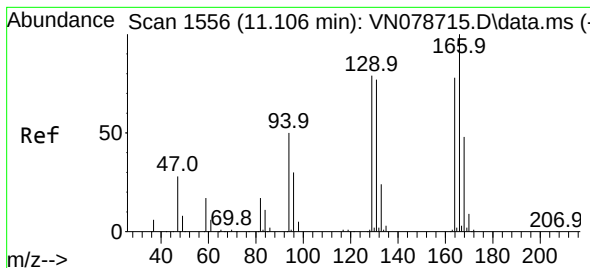


#60
4-Bromofluorobenzene
Concen: 27.021 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12



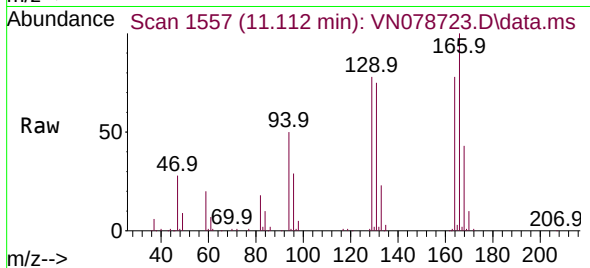
Tgt Ion: 95 Resp: 205158
Ion Ratio Lower Upper
95 100
174 84.1 61.7 92.5
176 78.6 58.1 87.1





#61
Tetrachloroethene
Concen: 17.448 ug/l
RT: 11.112 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

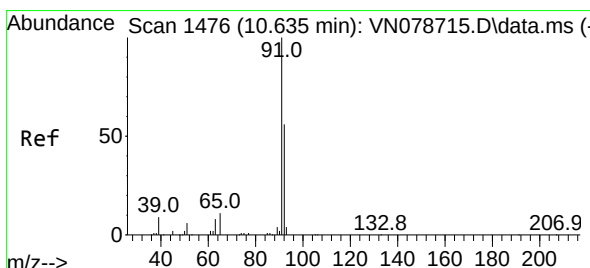
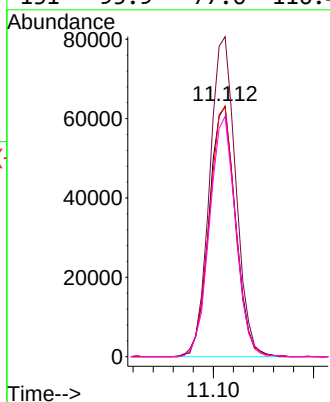
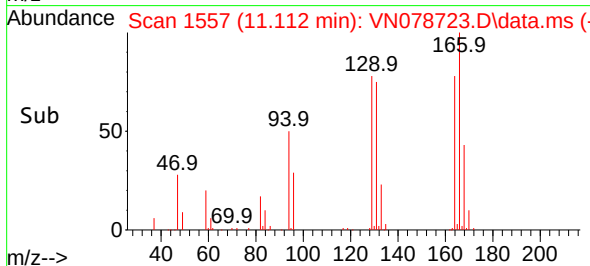
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBSD01



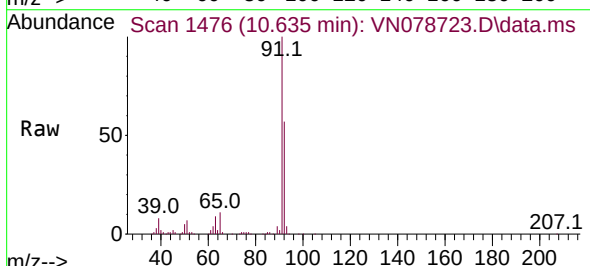
Tgt Ion:164 Resp: 11624
Ion Ratio Lower Upper
164 100
166 127.4 99.1 148.7
129 99.7 85.6 128.4
131 95.9 77.6 116.4

Manual Integrations
APPROVED

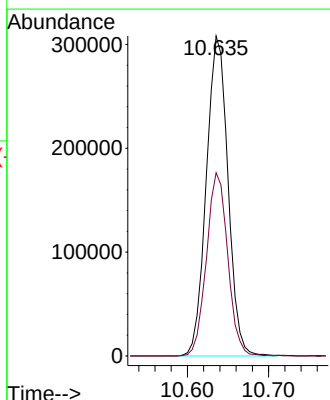
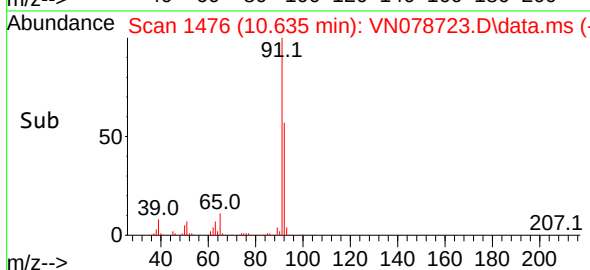
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

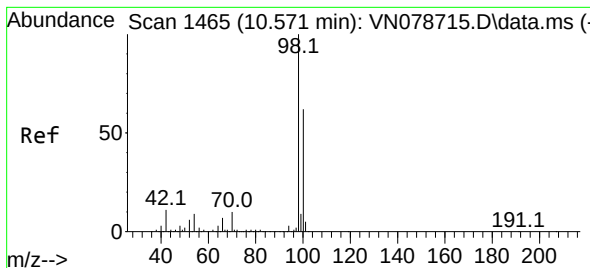


#62
Toluene
Concen: 18.730 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12



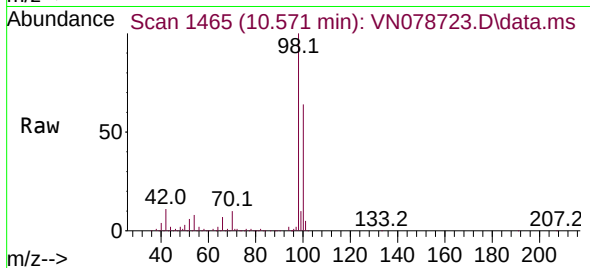
Tgt Ion: 91 Resp: 570777
Ion Ratio Lower Upper
91 100
92 56.2 45.2 67.8





#63
Toluene-d8
Concen: 28.659 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

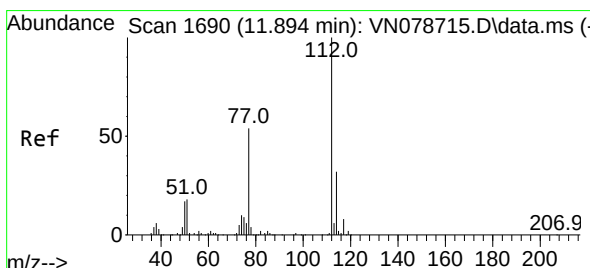
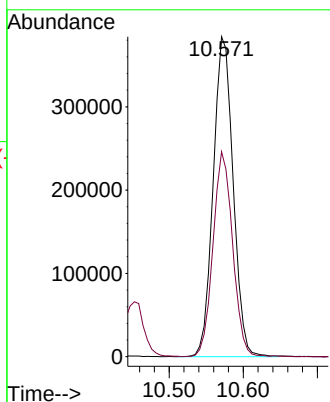
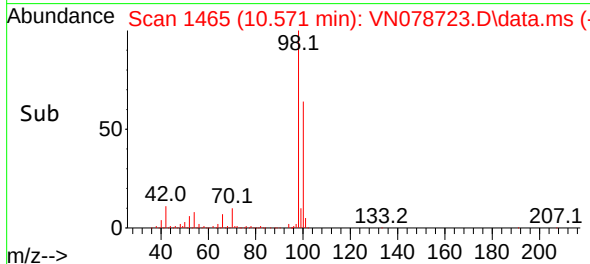
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBSD01



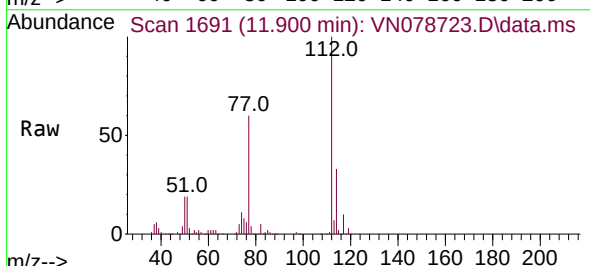
Tgt Ion: 98 Resp: 71726
Ion Ratio Lower Upper
98 100
100 63.0 49.7 74.5

Manual Integrations
APPROVED

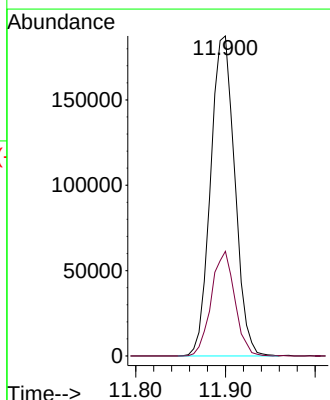
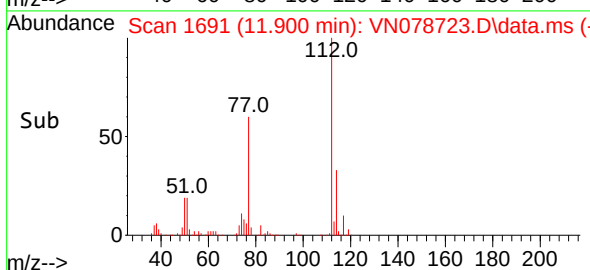
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

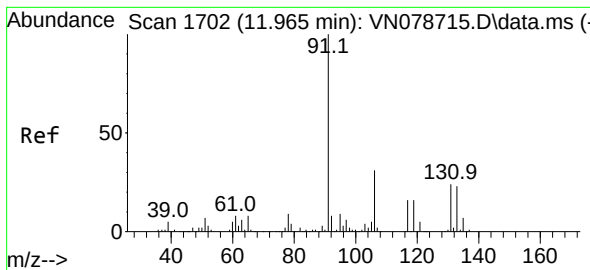


#64
Chlorobenzene
Concen: 19.731 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.006 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12



Tgt Ion:112 Resp: 351064
Ion Ratio Lower Upper
112 100
114 32.7 25.9 38.9





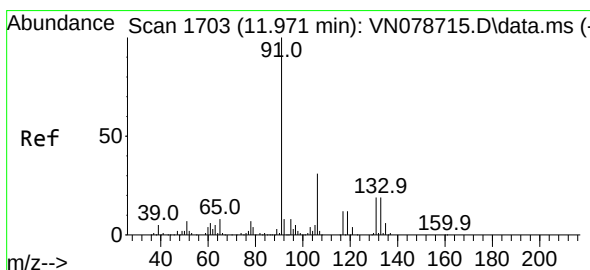
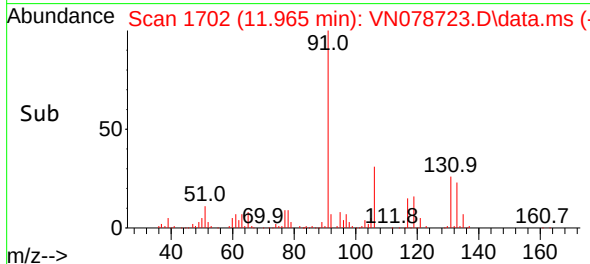
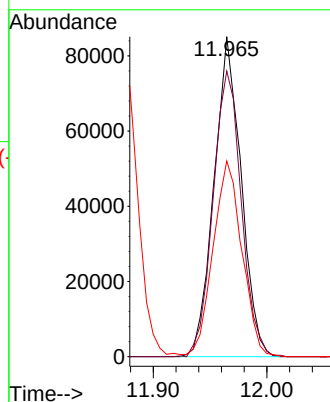
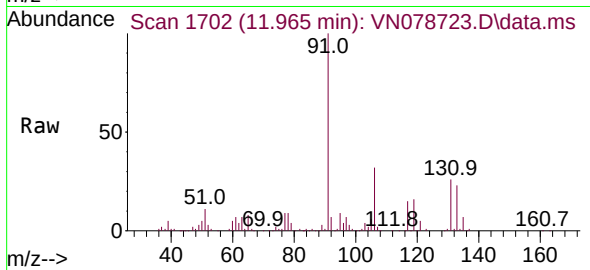
#65
1,1,1,2-Tetrachloroethane
Concen: 20.154 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

Instrument :
MSVOA_N
ClientSampleId :
VN0801WBSD01

Tgt Ion:131 Resp: 141410
Ion Ratio Lower Upper
131 100
133 92.7 0.0 191.8
119 64.9 0.0 132.0

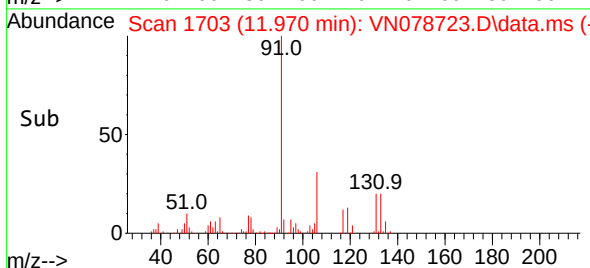
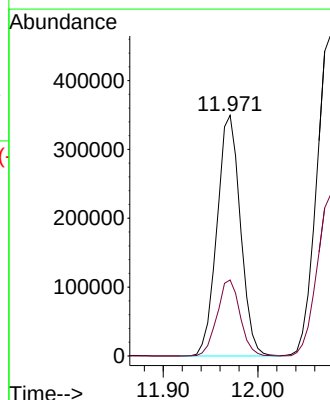
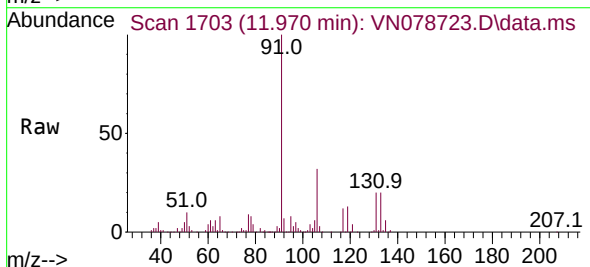
Manual Integrations
APPROVED

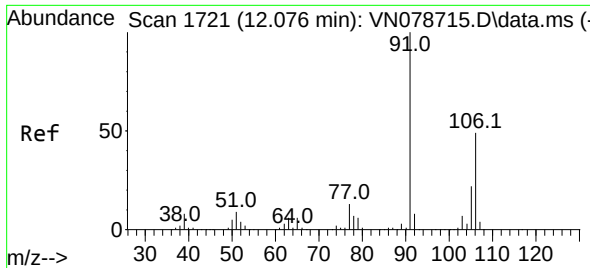
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#66
Ethyl Benzene
Concen: 19.561 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

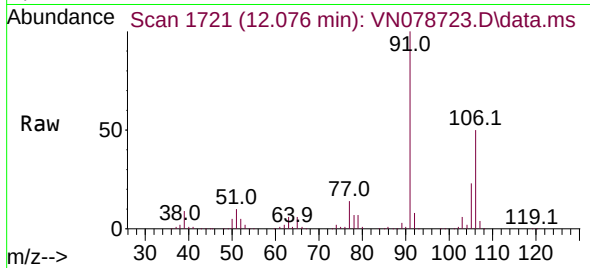
Tgt Ion: 91 Resp: 600798
Ion Ratio Lower Upper
91 100
106 31.6 25.6 38.4





#67
m/p-Xylenes
Concen: 38.894 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

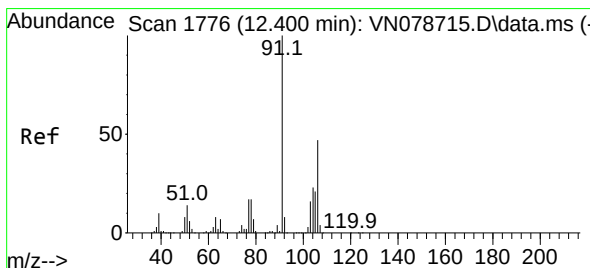
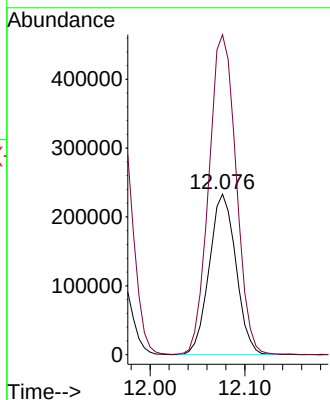
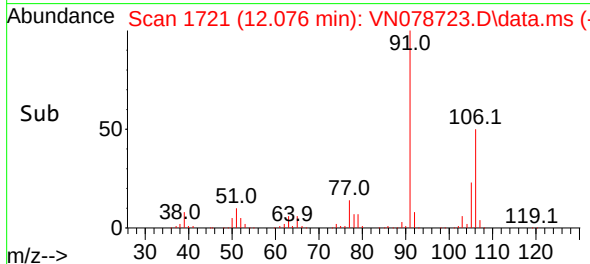
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBSD01



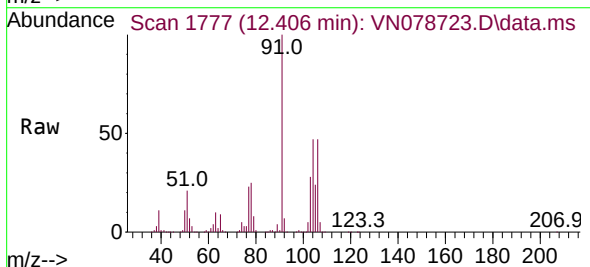
Tgt Ion:106 Resp: 456309
Ion Ratio Lower Upper
106 100
91 203.2 162.5 243.7

Manual Integrations
APPROVED

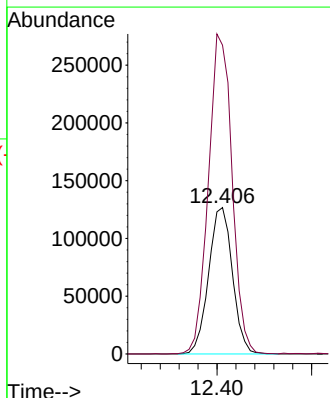
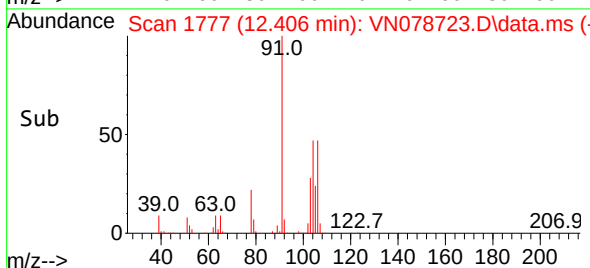
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

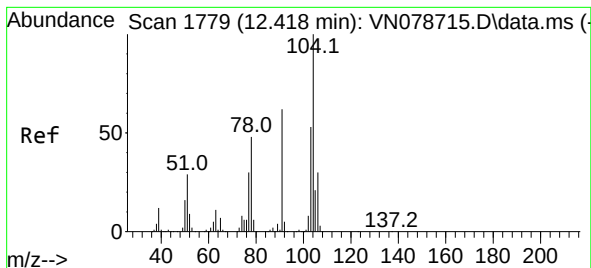


#68
o-Xylene
Concen: 18.552 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12



Tgt Ion:106 Resp: 221470
Ion Ratio Lower Upper
106 100
91 217.5 106.1 318.3





#69

Styrene

Concen: 17.955 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN078723.D

Acq: 01 Aug 2023 18:12

Instrument :

MSVOA_N

ClientSampleId :

VN0801WBSD01

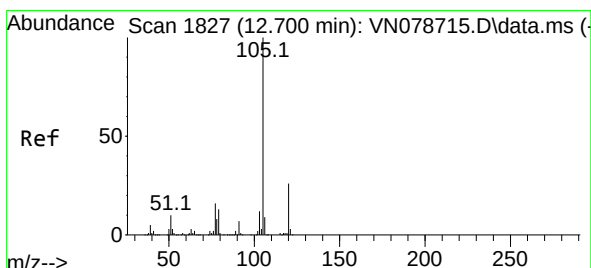
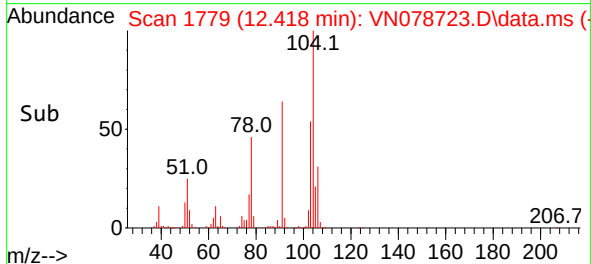
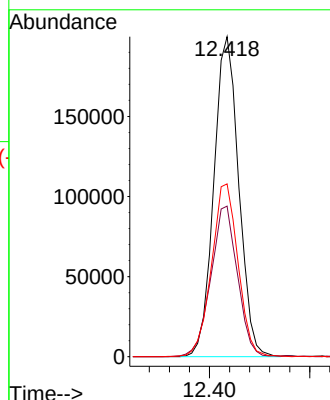
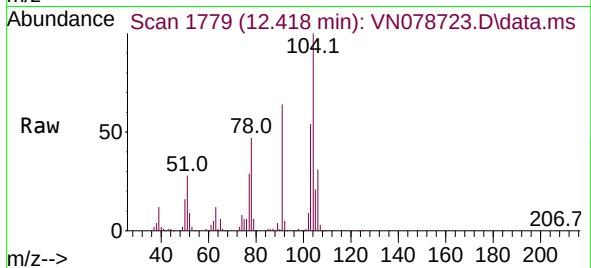
Tgt Ion:104 Resp: 344860
 Ion Ratio Lower Upper
 104 100
 78 50.1 40.1 60.1
 103 57.4 45.1 67.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#70

Isopropylbenzene

Concen: 18.538 ug/l

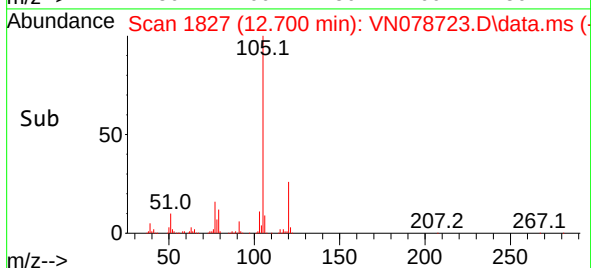
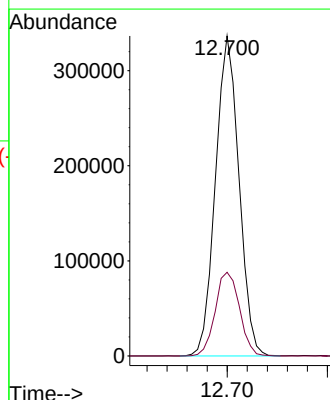
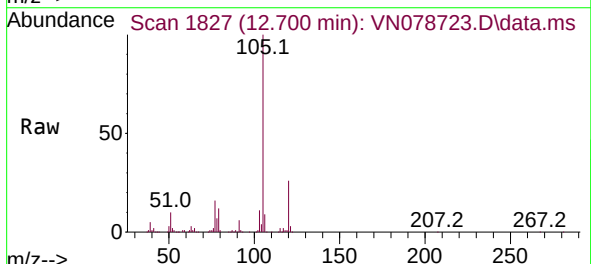
RT: 12.700 min Scan# 1827

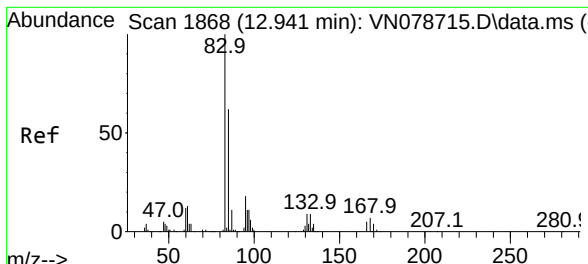
Delta R.T. -0.000 min

Lab File: VN078723.D

Acq: 01 Aug 2023 18:12

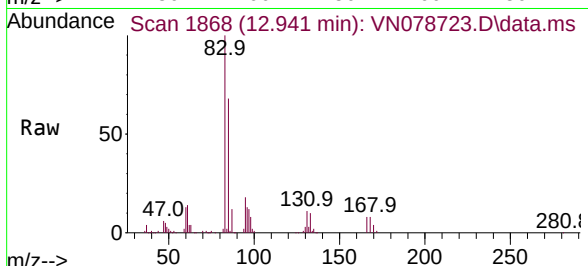
Tgt Ion:105 Resp: 547450
 Ion Ratio Lower Upper
 105 100
 120 27.0 18.3 34.1





#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.160 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN078723.D
 Acq: 01 Aug 2023 18:12

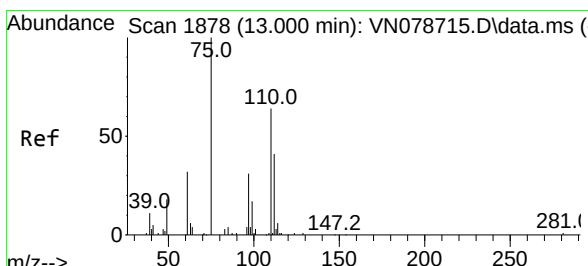
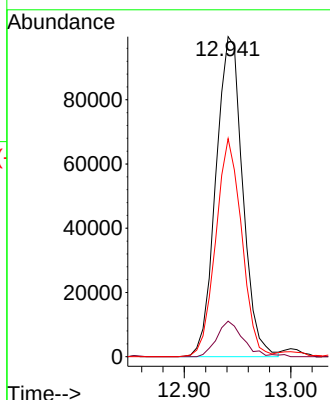
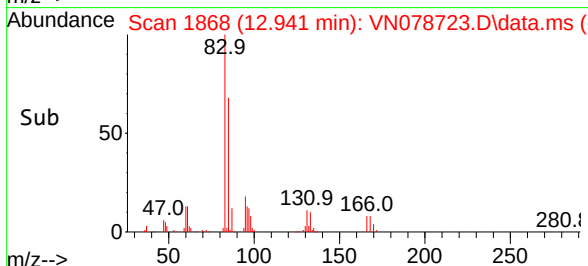
Instrument : MSVOA_N
 ClientSampleId : VN0801WBSD01



Tgt Ion: 83 Resp: 17421
 Ion Ratio Lower Upper
 83 100
 131 10.6 4.8 14.4
 85 66.0 32.6 98.0

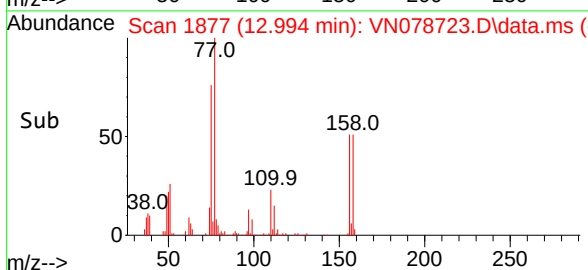
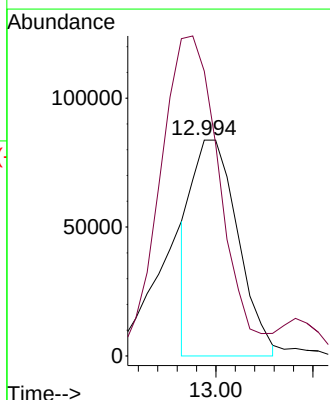
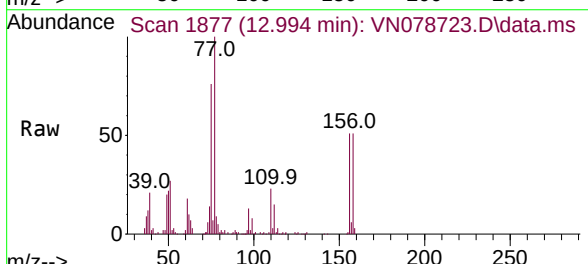
Manual Integrations
 APPROVED

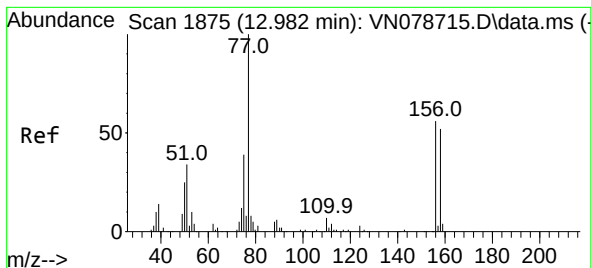
Reviewed By :John Carlone 08/02/2023
 Supervised By :Mahesh Dadoda 08/02/2023



#72
 1,2,3-Trichloropropane
 Concen: 17.161 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.006 min
 Lab File: VN078723.D
 Acq: 01 Aug 2023 18:12

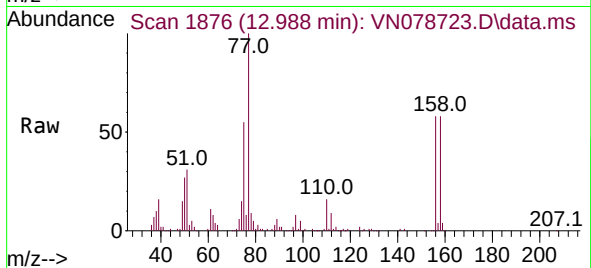
Tgt Ion: 75 Resp: 138101
 Ion Ratio Lower Upper
 75 100
 77 191.3 0.0 387.4





#73
Bromobenzene
Concen: 17.997 ug/l
RT: 12.988 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

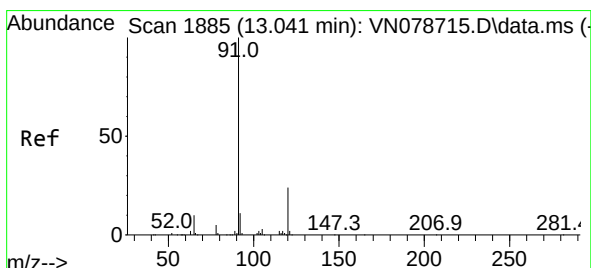
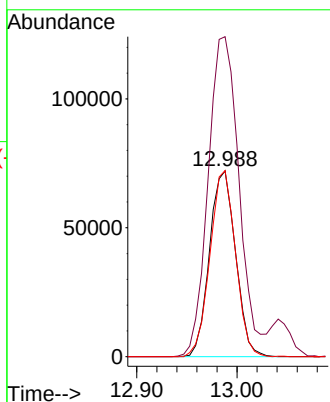
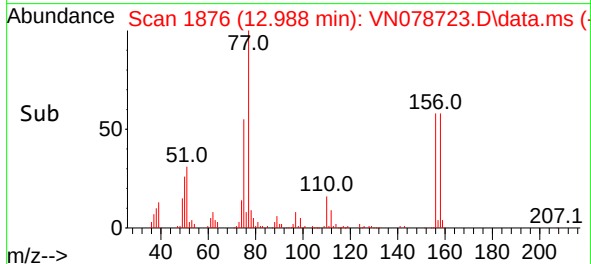
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBSD01



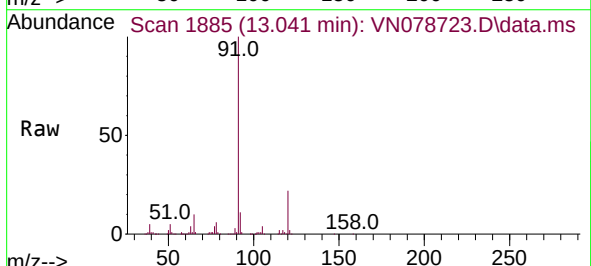
Tgt Ion:156 Resp: 130268
Ion Ratio Lower Upper
156 100
77 202.8 0.0 420.8
158 97.8 0.0 193.2

Manual Integrations
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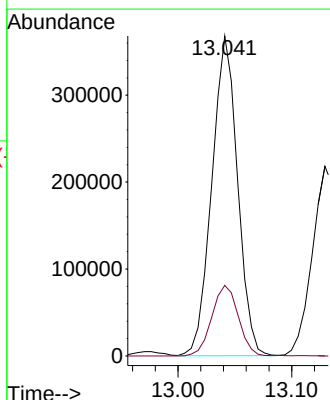
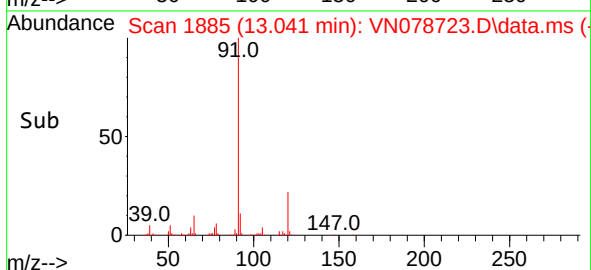
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

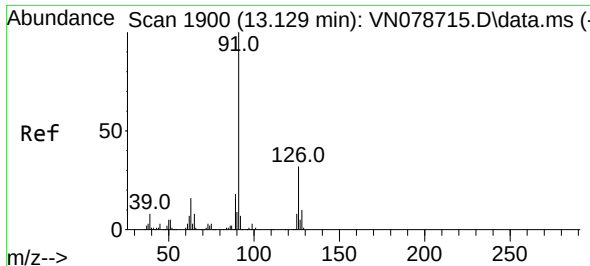


#74
n-propylbenzene
Concen: 17.673 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12



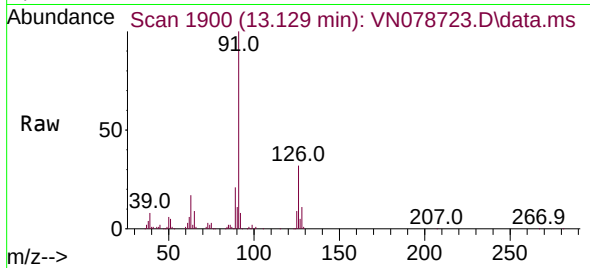
Tgt Ion: 91 Resp: 578459
Ion Ratio Lower Upper
91 100
120 22.7 0.0 44.6





#75
2-Chlorotoluene
Concen: 16.460 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

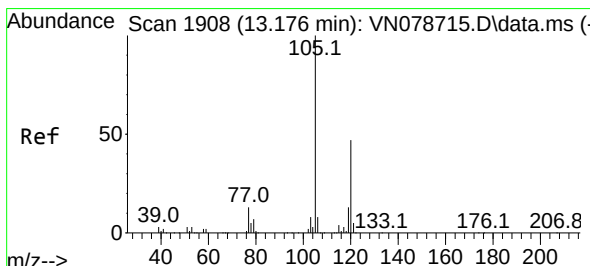
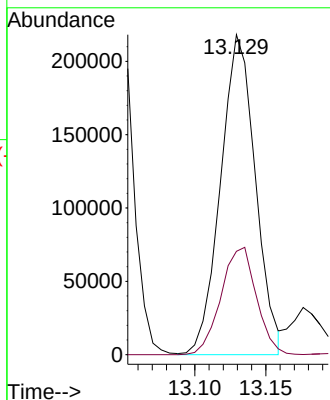
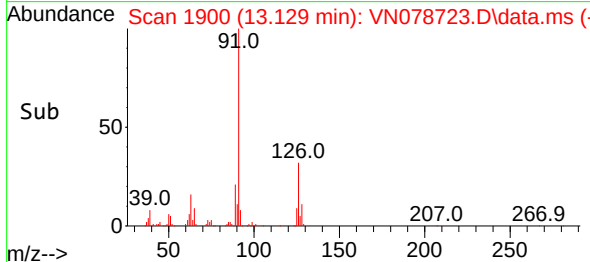
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBSD01



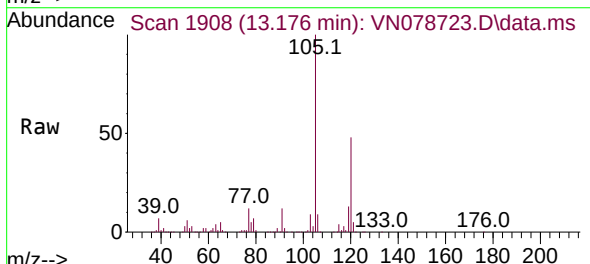
Tgt Ion: 91 Resp: 37206
Ion Ratio Lower Upper
91 100
126 34.1 0.0 67.2

Manual Integrations
APPROVED

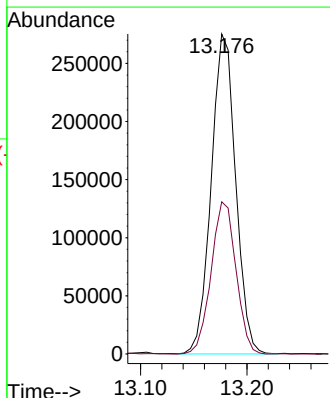
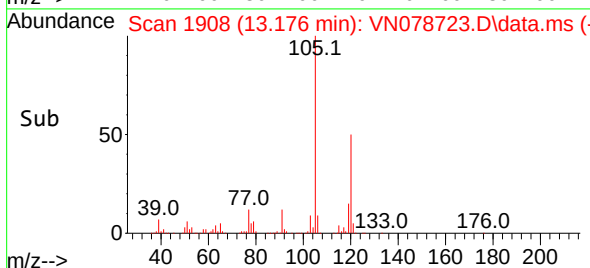
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

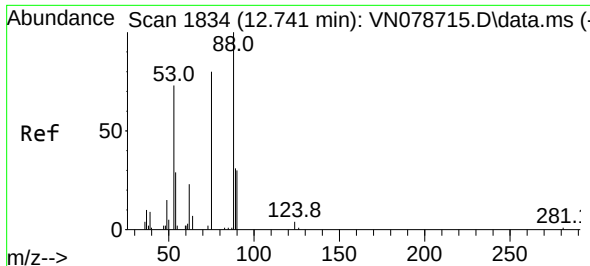


#76
1,3,5-Trimethylbenzene
Concen: 16.625 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12



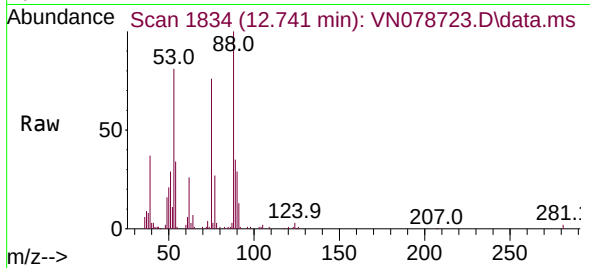
Tgt Ion:105 Resp: 438341
Ion Ratio Lower Upper
105 100
120 48.4 0.0 97.2





#77
t-1,4-Dichloro-2-butene
Concen: 17.164 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

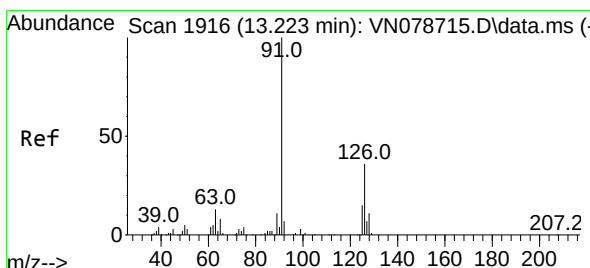
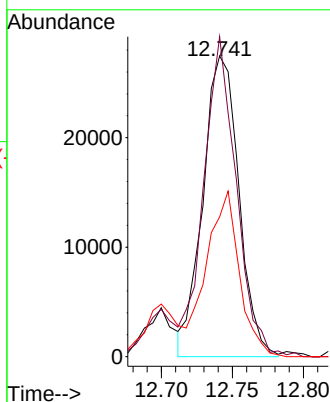
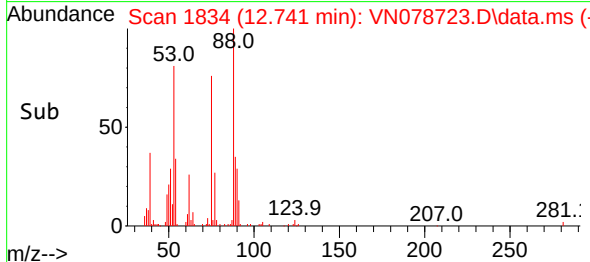
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBSD01



Tgt Ion: 75 Resp: 48274
Ion Ratio Lower Upper
75 100
53 105.3 41.6 124.9
89 45.3 25.1 75.4

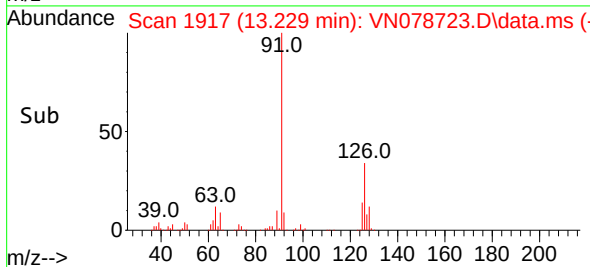
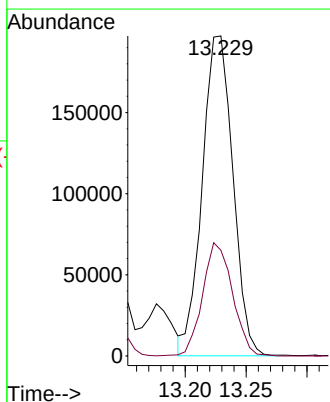
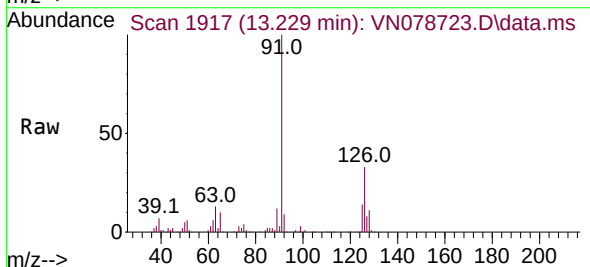
Manual Integrations
APPROVED

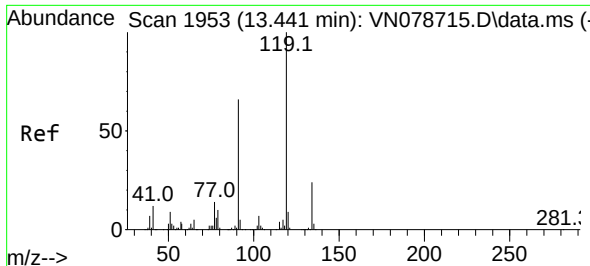
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#78
4-Chlorotoluene
Concen: 15.825 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

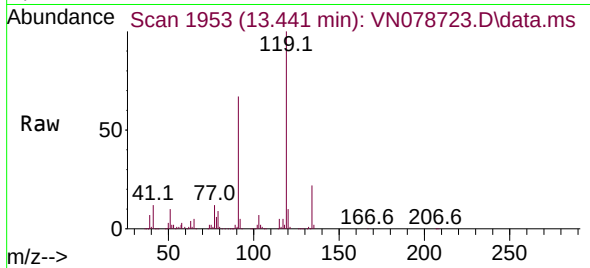
Tgt Ion: 91 Resp: 345387
Ion Ratio Lower Upper
91 100
126 34.5 0.0 68.8





#79
tert-butylbenzene
Concen: 17.009 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

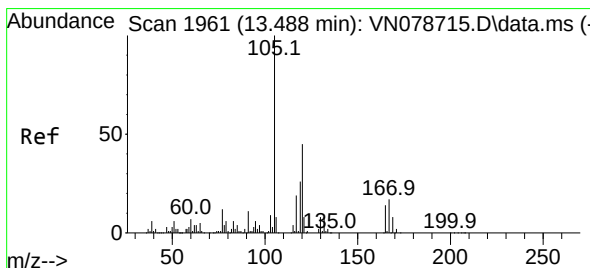
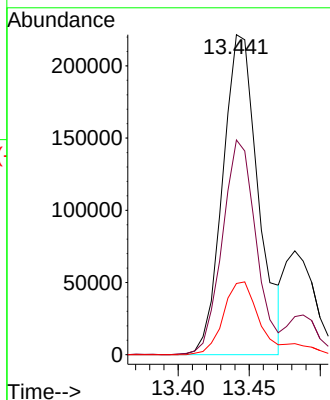
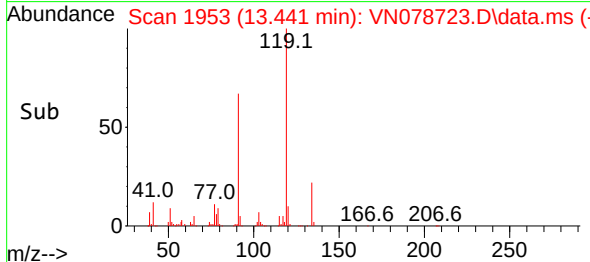
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBSD01



Tgt Ion:119 Resp: 386008
Ion Ratio Lower Upper
119 100
91 63.8 0.0 126.6
134 22.1 0.0 44.0

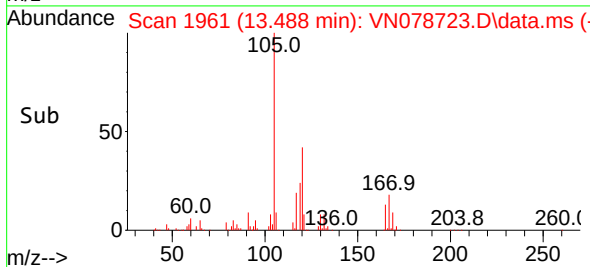
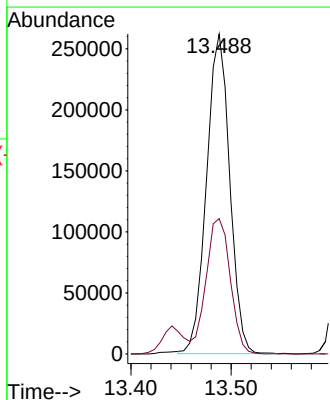
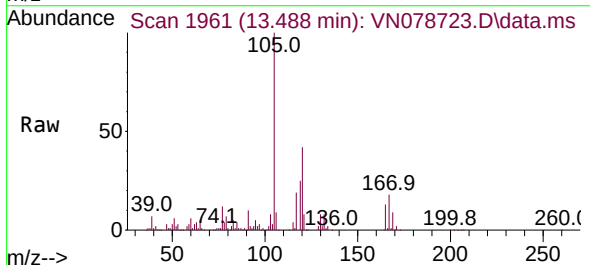
Manual Integrations
APPROVED

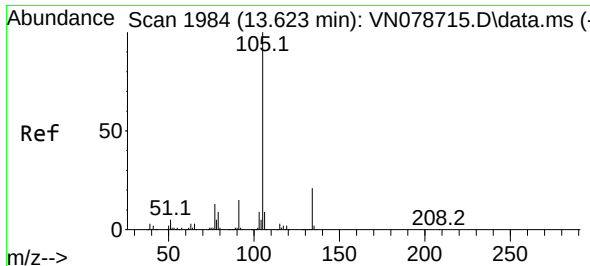
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#80
1,2,4-Trimethylbenzene
Concen: 16.725 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

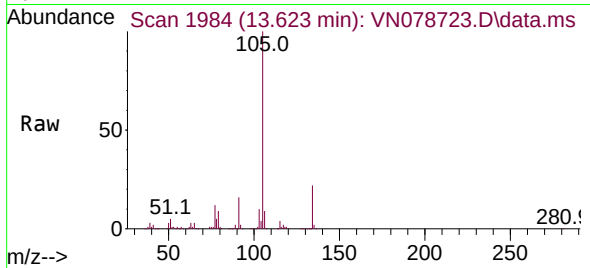
Tgt Ion:105 Resp: 421176
Ion Ratio Lower Upper
105 100
120 44.3 0.0 88.2





#81
 sec-Butylbenzene
 Concen: 16.031 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078723.D
 Acq: 01 Aug 2023 18:12

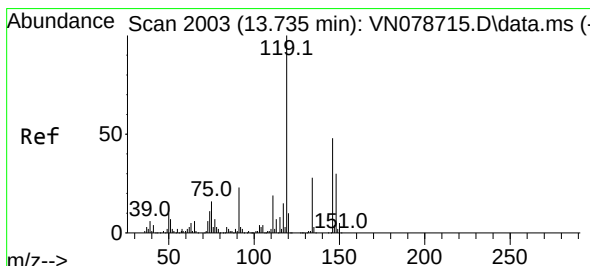
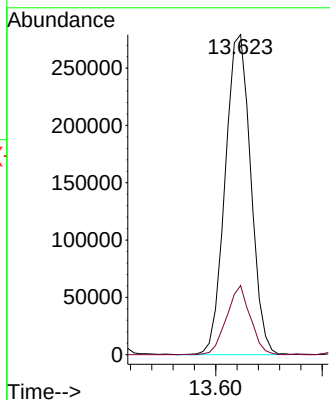
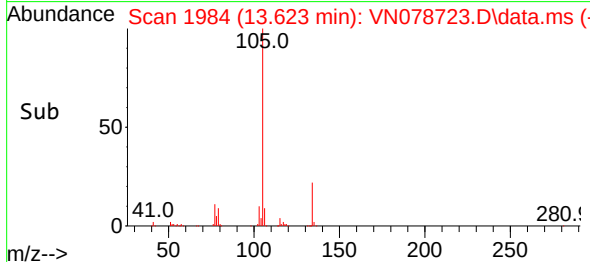
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0801WBSD01



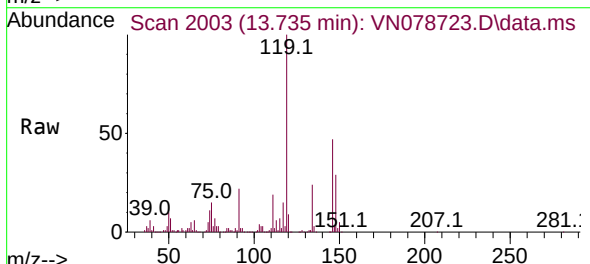
Tgt Ion:105 Resp: 466318
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 38.6

Manual Integrations
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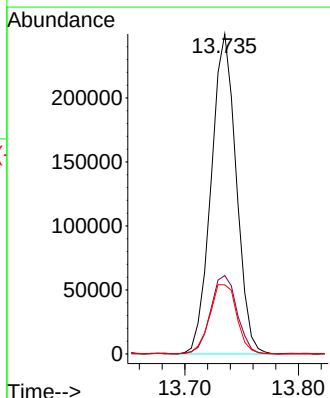
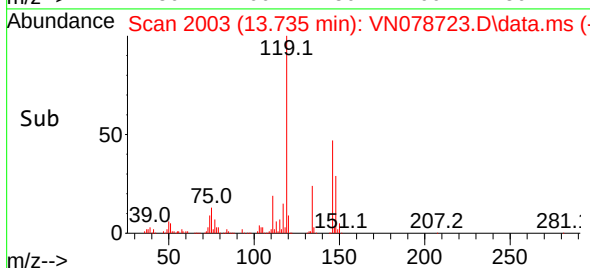
Reviewed By :John Carlone 08/02/2023
 Supervised By :Mahesh Dadoda 08/02/2023

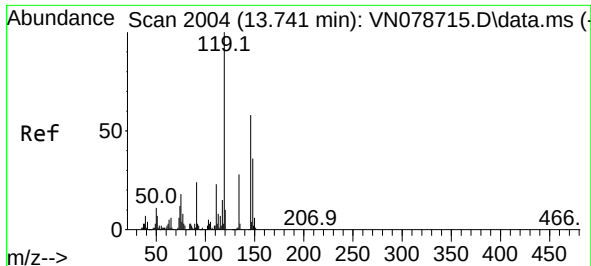


#82
 p-Isopropyltoluene
 Concen: 16.051 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078723.D
 Acq: 01 Aug 2023 18:12



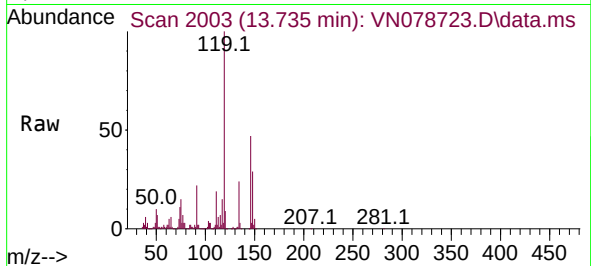
Tgt Ion:119 Resp: 383303
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 52.4
 91 23.6 0.0 48.2





#83
1,3-Dichlorobenzene
Concen: 15.896 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

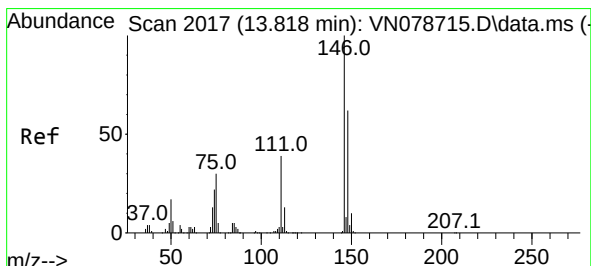
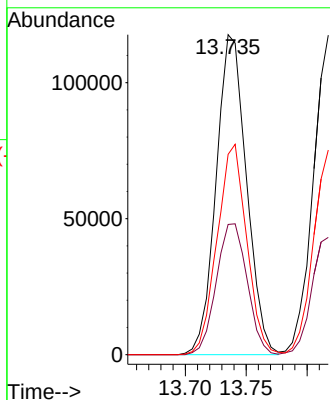
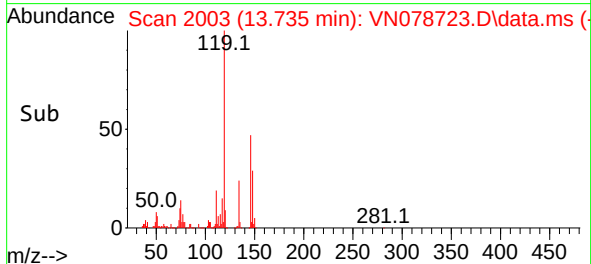
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBSD01



Tgt Ion:146 Resp: 204040
Ion Ratio Lower Upper
146 100
111 41.5 21.6 64.6
148 64.3 31.9 95.5

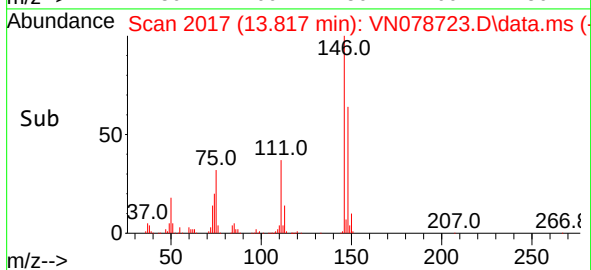
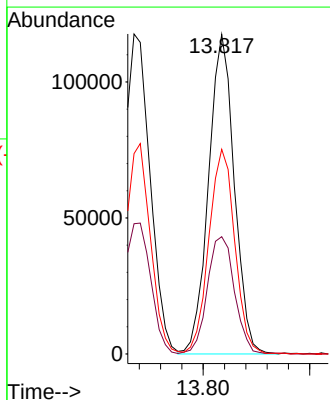
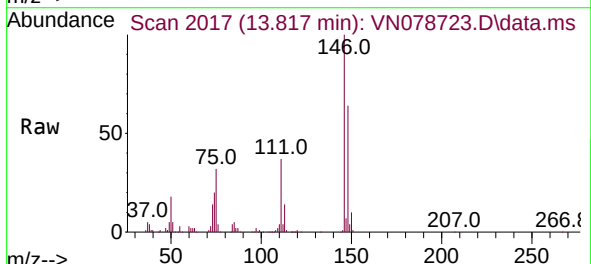
Manual Integrations
APPROVED

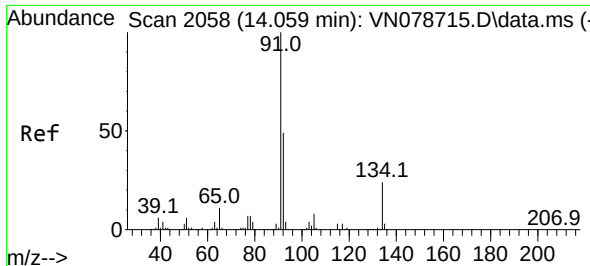
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#84
1,4-Dichlorobenzene
Concen: 16.386 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

Tgt Ion:146 Resp: 196909
Ion Ratio Lower Upper
146 100
111 38.7 19.4 58.2
148 64.5 31.4 94.3





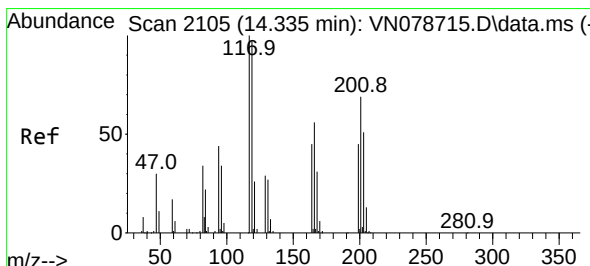
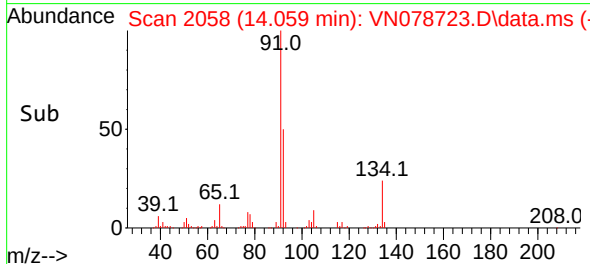
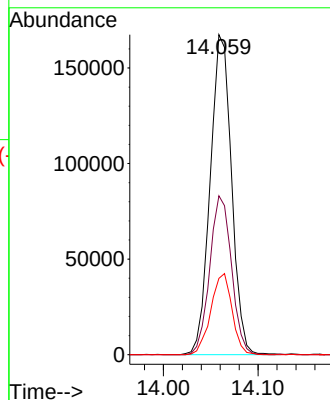
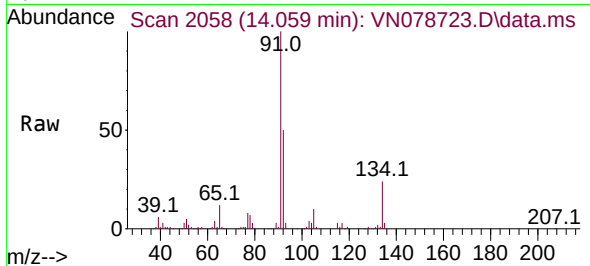
#85
n-Butylbenzene
Concen: 15.864 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

Instrument :
MSVOA_N
ClientSampleId :
VN0801WBSD01

Tgt Ion: 91 Resp: 262708
Ion Ratio Lower Upper
91 100
92 50.6 0.0 99.6
134 25.2 0.0 50.0

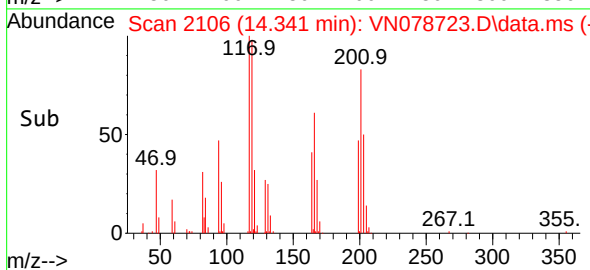
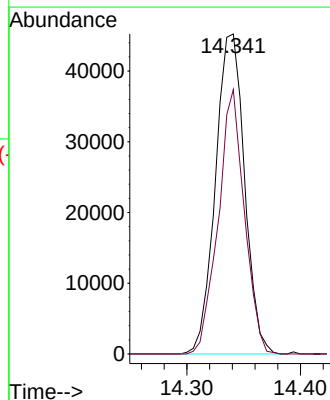
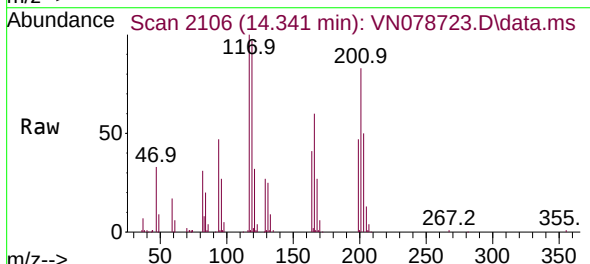
Manual Integrations
APPROVED

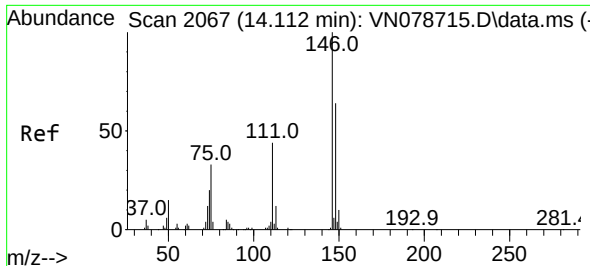
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#86
Hexachloroethane
Concen: 18.512 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

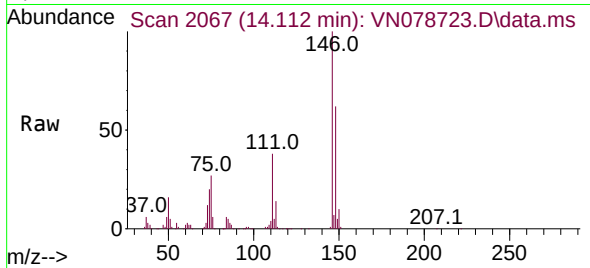
Tgt Ion:117 Resp: 80546
Ion Ratio Lower Upper
117 100
201 74.2 34.2 102.6





#87
1,2-Dichlorobenzene
Concen: 17.170 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

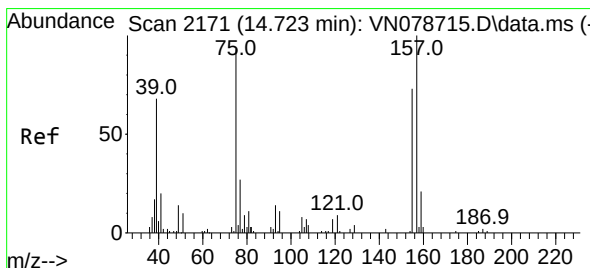
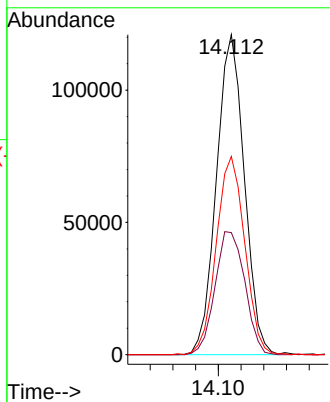
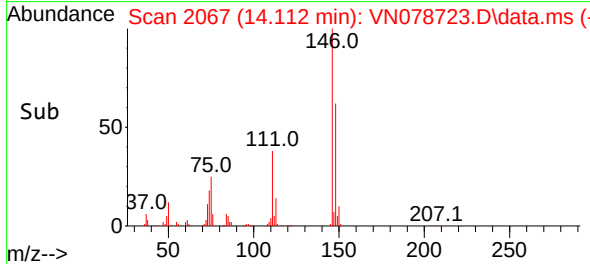
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBSD01



Tgt Ion:146 Resp: 206269
Ion Ratio Lower Upper
146 100
111 41.1 22.4 67.3
148 63.3 33.4 100.1

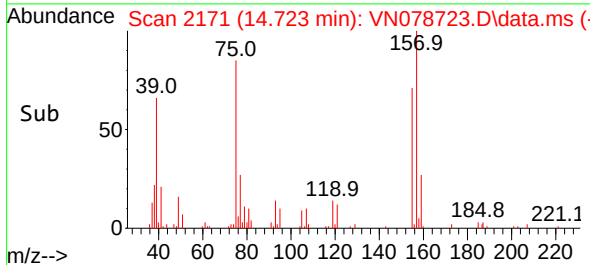
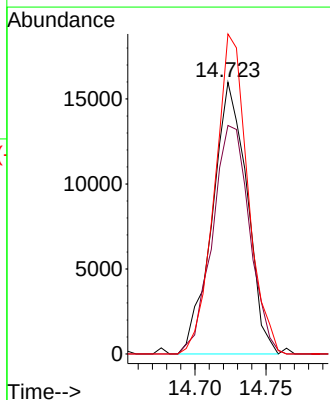
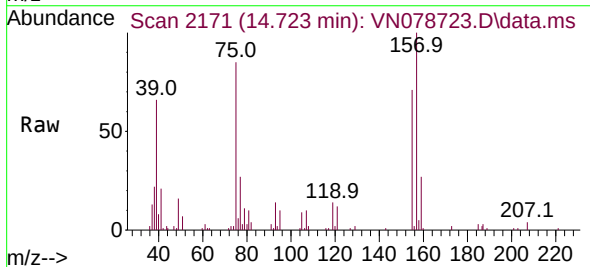
Manual Integrations
APPROVED

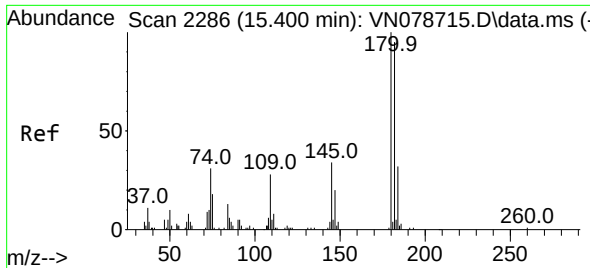
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 16.576 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

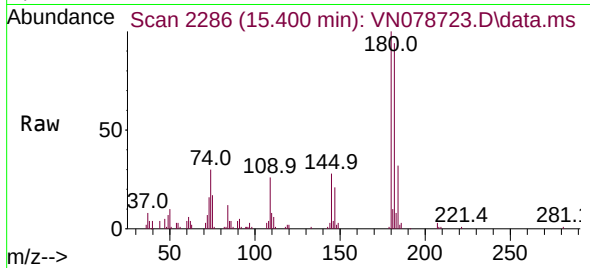
Tgt Ion: 75 Resp: 27004
Ion Ratio Lower Upper
75 100
155 90.4 68.2 102.2
157 112.2 84.7 127.1





#89
1,2,4-Trichlorobenzene
Concen: 17.054 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

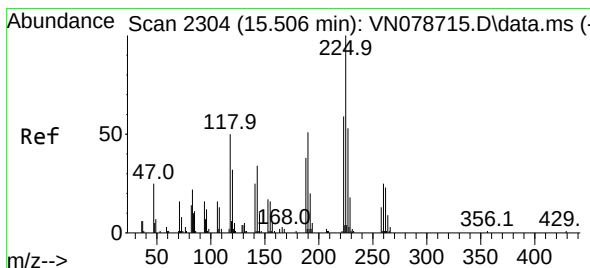
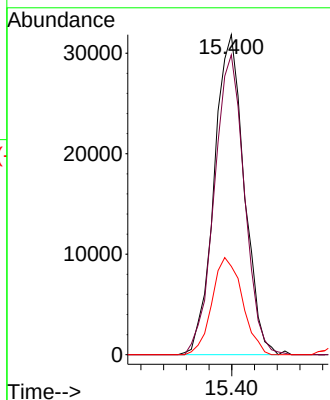
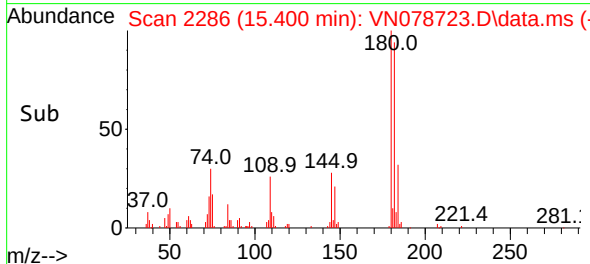
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBSD01



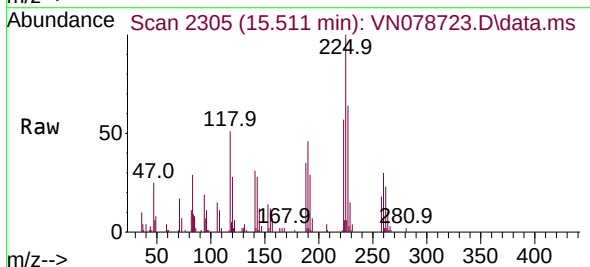
Tgt Ion:180 Resp: 5845
Ion Ratio Lower Upper
180 100
182 93.9 73.7 110.5
145 30.7 25.0 37.6

Manual Integrations
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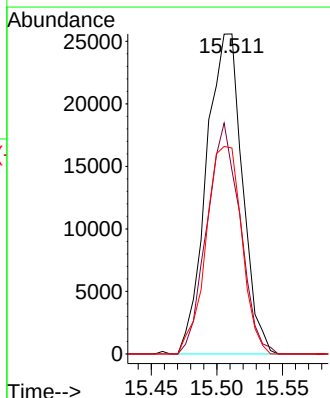
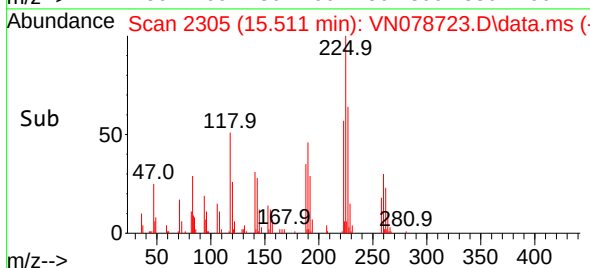
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

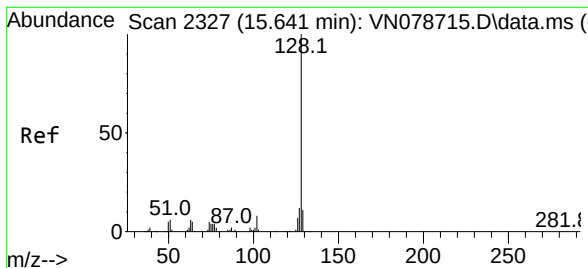


#90
Hexachlorobutadiene
Concen: 18.637 ug/l
RT: 15.511 min Scan# 2305
Delta R.T. 0.005 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12



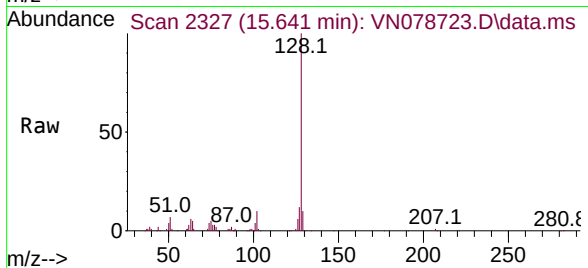
Tgt Ion:225 Resp: 48664
Ion Ratio Lower Upper
225 100
223 66.5 0.0 130.0
227 64.4 0.0 124.0





#91
Naphthalene
Concen: 16.860 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12

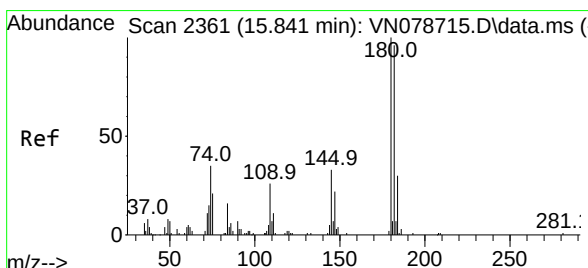
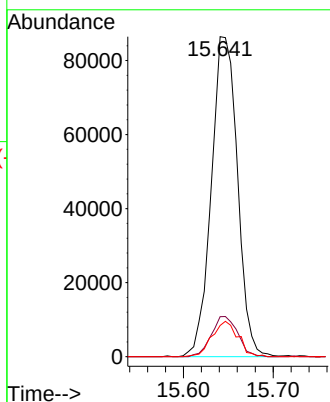
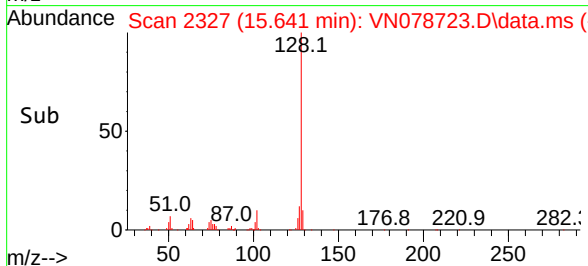
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBSD01



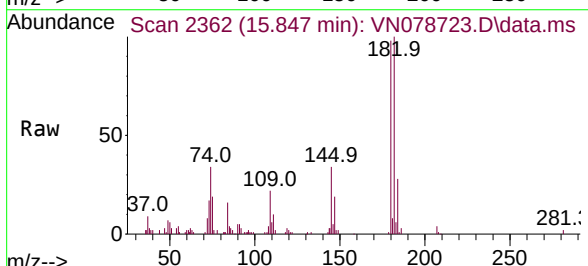
Tgt Ion:128 Resp: 175060
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.0 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#92
1,2,3-Trichlorobenzene
Concen: 19.150 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN078723.D
Acq: 01 Aug 2023 18:12



Tgt Ion:180 Resp: 74699
Ion Ratio Lower Upper
180 100
182 99.8 0.0 196.4
145 33.3 0.0 71.0

