

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080123\
 Data File : VN078722.D
 Acq On : 01 Aug 2023 17:48
 Operator : JC\MD
 Sample : VN0801WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0801WBS01

Manual Integrations
 APPROVED

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

Quant Time: Aug 02 04:27:06 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	7.824	128	103076	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	565796	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	498400	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	229158	29.659	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.867%		
60) 4-Bromofluorobenzene	12.853	95	213332	28.561	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	95.200%		
63) Toluene-d8	10.571	98	717727	29.151	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	97.167%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	114654	17.635	ug/l	97
3) Chloromethane	2.377	50	166504	20.805	ug/l	98
4) Vinyl Chloride	2.518	62	215248	19.790	ug/l	95
5) Bromomethane	2.959	94	144395	17.761	ug/l	90
6) Chloroethane	3.130	64	133941	18.909	ug/l	97
7) Trichlorofluoromethane	3.506	101	330251	29.601	ug/l	95
8) Diethyl Ether	3.971	74	70694	19.409	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	115754	19.329	ug/l	98
10) 1,1-Dichloroethene	4.348	96	107955	18.799	ug/l	93
11) Methyl Iodide	4.595	142	159475	19.757	ug/l	97
12) Methyl Acetate	5.042	43	174747	18.761	ug/l	97
13) Acrolein	4.195	56	93754	94.520	ug/l	97
14) Acrylonitrile	5.736	53	252503	92.576	ug/l	99
15) Acetone	4.448	58	70902	89.721	ug/l	94
16) Carbon Disulfide	4.724	76	296056	18.251	ug/l	95
17) Allyl chloride	5.036	41	142102	18.123	ug/l	97
18) Methylene Chloride	5.295	84	127606	18.522	ug/l #	94
19) trans-1,2-Dichloroethene	5.800	96	118444	17.839	ug/l	98
20) Diisopropyl ether	6.683	45	329022	18.637	ug/l	98
21) 1,1-Dichloroethane	6.583	63	220349	18.849	ug/l	98
22) cis-1,2-Dichloroethene	7.494	96	139689	18.734	ug/l	99
23) tert-Butyl Alcohol	5.547	59	109290	98.058	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	357724	18.525	ug/l	97
25) Chloroform	7.977	83	240827	19.458	ug/l	100
26) Cyclohexane	8.259	56	165477	19.217	ug/l #	98
29) 1,1-Dichloropropene	8.377	75	170894	20.527	ug/l	98
30) 2-Butanone	7.494	43	338710	102.919	ug/l	98
31) 2,2-Dichloropropane	7.506	77	193453	20.250	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	213640	20.283	ug/l	98
33) Carbon Tetrachloride	8.365	117	191514	20.471	ug/l	96
34) Benzene	8.618	78	515045	20.595	ug/l	99
35) Methacrylonitrile	7.788	41	75966	21.020	ug/l	90
36) 1,2-Dichloroethane	8.683	62	184263	20.980	ug/l	100
37) Trichloroethene	9.359	130	133340	19.000	ug/l	97
38) Methylcyclohexane	9.612	83	166348	19.447	ug/l	99
39) 1,2-Dichloropropane	9.630	63	132159	19.713	ug/l	93
40) Dibromomethane	9.718	93	95294	20.537	ug/l	95
41) Bromodichloromethane	9.894	83	193681	20.879	ug/l	98
42) Vinyl Acetate	6.618	43	1053126	99.532	ug/l	100

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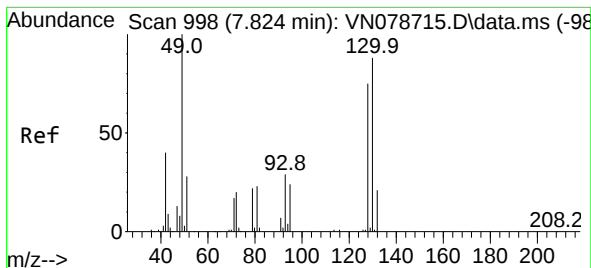
Manual Integrations
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Reviewed By : John Carlone 08/02/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	140953	20.717	ug/l #	79
44) Isopropyl Acetate	8.694	43	245277	20.547	ug/l	99
45) 1,4-Dioxane	9.700	88	48128	438.293	ug/l	98
46) Methyl methacrylate	9.688	41	114681	20.979	ug/l	96
47) n-amyl Acetate	12.500	43	179675	19.543	ug/l	100
48) t-1,3-Dichloropropene	10.841	75	192739	19.467	ug/l	100
49) cis-1,3-Dichloropropene	10.318	75	204643	19.460	ug/l	96
50) 1,1,2-Trichloroethane	11.024	97	127447	19.403	ug/l	95
51) Ethyl methacrylate	10.882	69	175983	19.570	ug/l	91
52) 1,3-Dichloropropane	11.171	76	211455	17.912	ug/l	99
53) Dibromochloromethane	11.365	129	145573	19.619	ug/l	95
54) 1,2-Dibromoethane	11.476	107	132434	20.079	ug/l	99
55) 2-Chloroethyl vinyl ether	10.165	63	305366	106.566	ug/l	99
56) Bromoform	12.582	173	98118	20.209	ug/l	94
58) 4-Methyl-2-Pentanone	10.453	43	719763	96.483	ug/l	99
59) 2-Hexanone	11.200	43	500772	88.656	ug/l	99
61) Tetrachloroethene	11.106	164	115228	17.582	ug/l	94
62) Toluene	10.635	91	573168	19.119	ug/l	99
64) Chlorobenzene	11.894	112	335224	19.152	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.965	131	135534	19.634	ug/l	99
66) Ethyl Benzene	11.971	91	582596	19.282	ug/l	98
67) m/p-Xylenes	12.076	106	442046	38.301	ug/l	99
68) o-Xylene	12.406	106	221442	18.856	ug/l	98
69) Styrene	12.418	104	344390	18.226	ug/l	99
70) Isopropylbenzene	12.700	105	546452	18.810	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	185333	19.639	ug/l	99
72) 1,2,3-Trichloropropane	13.000	75	146760m	18.538	ug/l	
73) Bromobenzene	12.982	156	136897	19.225	ug/l	95
74) n-propylbenzene	13.041	91	613232	19.045	ug/l	100
75) 2-Chlorotoluene	13.129	91	392770	17.663	ug/l	100
76) 1,3,5-Trimethylbenzene	13.176	105	461313	17.785	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	51044	18.449	ug/l	79
78) 4-Chlorotoluene	13.229	91	356184	16.589	ug/l	99
79) tert-butylbenzene	13.441	119	381716	17.098	ug/l	97
80) 1,2,4-Trimethylbenzene	13.488	105	429128	17.323	ug/l	97
81) sec-Butylbenzene	13.623	105	474667	16.588	ug/l	97
82) p-Isopropyltoluene	13.735	119	387973	16.515	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	214752	17.007	ug/l	98
84) 1,4-Dichlorobenzene	13.818	146	199766	16.898	ug/l	98
85) n-Butylbenzene	14.065	91	273576	16.793	ug/l	100
86) Hexachloroethane	14.341	117	78838	18.419	ug/l	99
87) 1,2-Dichlorobenzene	14.112	146	210713	17.829	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.723	75	28558	17.819	ug/l	97
89) 1,2,4-Trichlorobenzene	15.394	180	52903	15.690	ug/l	91
90) Hexachlorobutadiene	15.500	225	44461	17.308	ug/l	96
91) Naphthalene	15.647	128	168892	16.534	ug/l	98
92) 1,2,3-Trichlorobenzene	15.847	180	69812	18.193	ug/l	96

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

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MSVOA_N

ClientSampleId :

VN0801WBS01

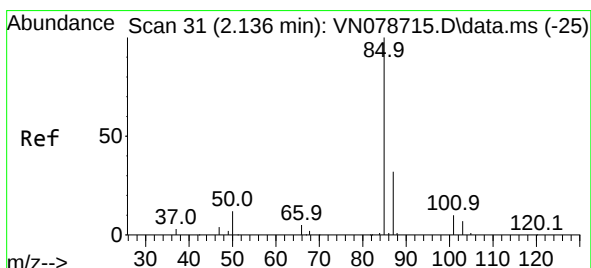
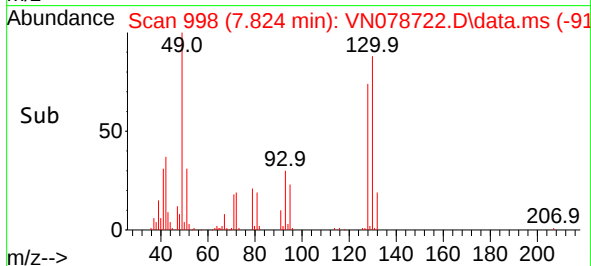
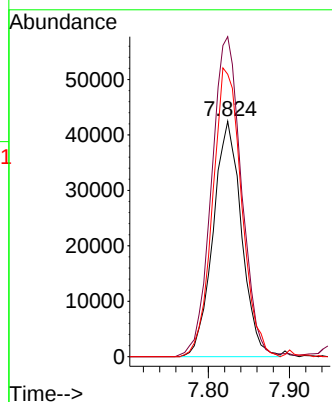
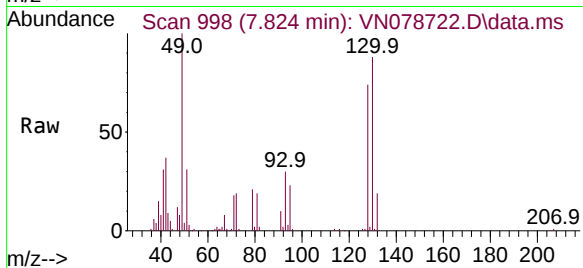
Tgt Ion:128	Resp: 103070
Ion Ratio	Lower Upper
128 100	
49 142.9	0.0 370.8
130 125.3	0.0 307.0

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 17.635 ug/l

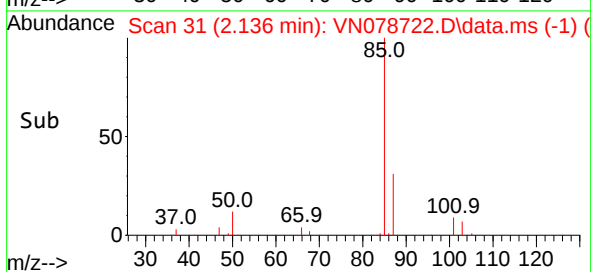
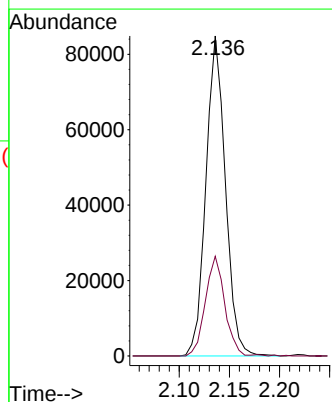
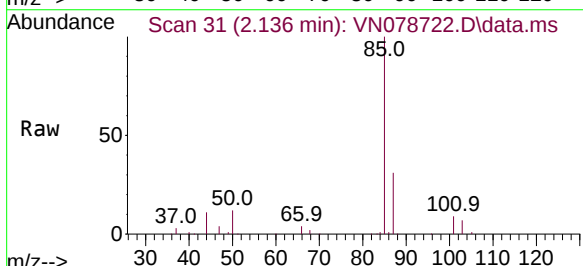
RT: 2.136 min Scan# 31

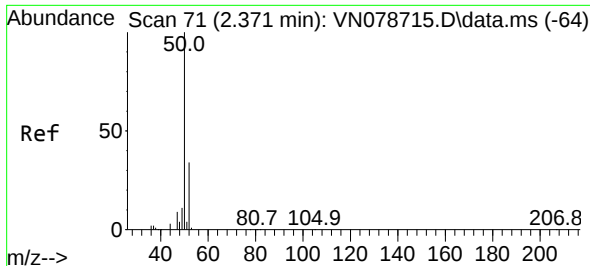
Delta R.T. -0.000 min

Lab File: VN078722.D

Acq: 01 Aug 2023 17:48

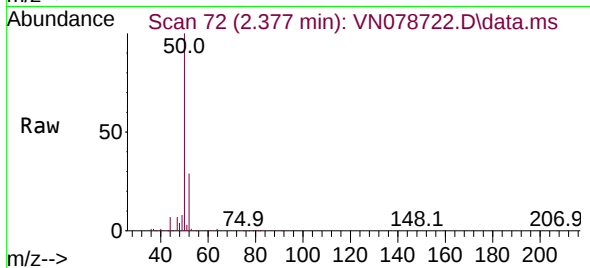
Tgt Ion: 85	Resp: 114654
Ion Ratio	Lower Upper
85 100	
87 31.1	16.4 49.4





#3
Chloromethane
Concen: 20.805 ug/l
RT: 2.377 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

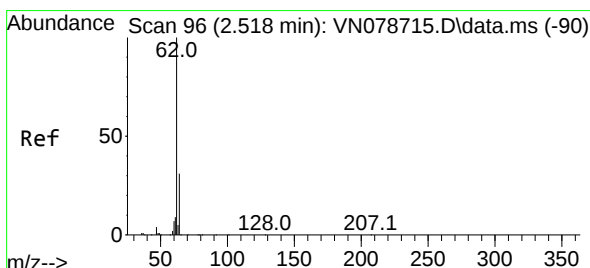
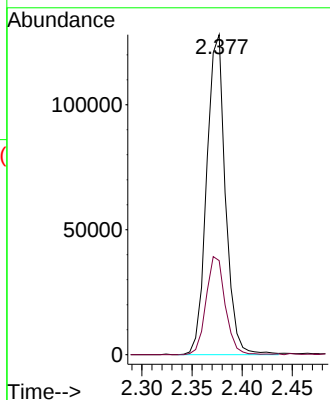
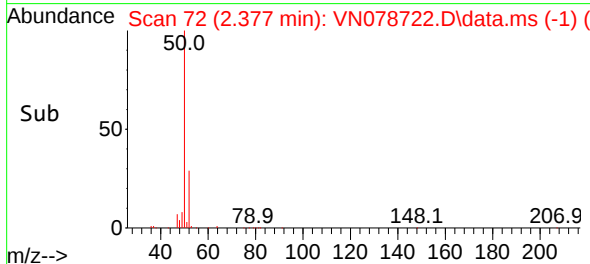
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBS01



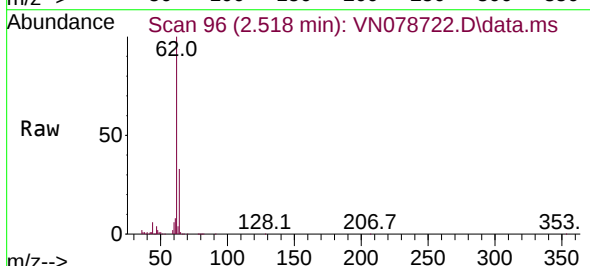
Tgt Ion: 50 Resp: 166504
Ion Ratio Lower Upper
50 100
52 29.4 24.6 36.8

Manual Integrations
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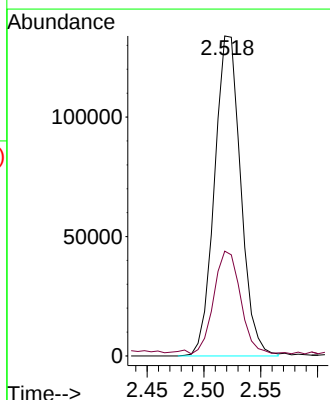
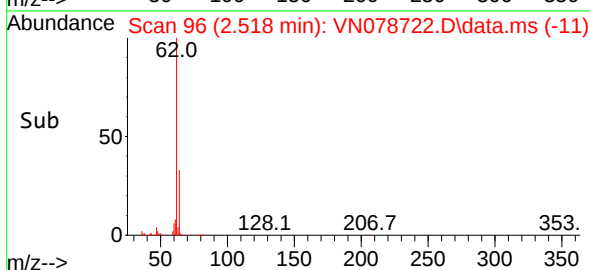
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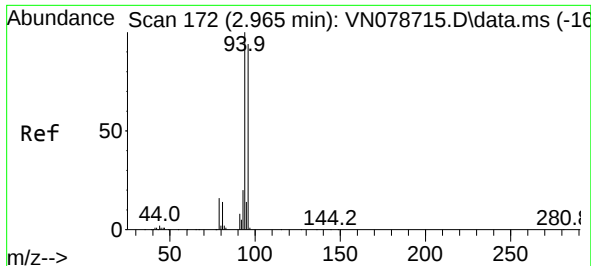


#4
Vinyl Chloride
Concen: 19.790 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48



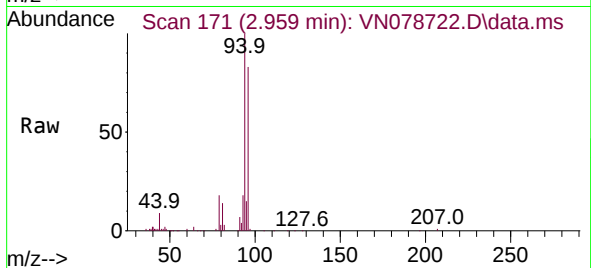
Tgt Ion: 62 Resp: 215248
Ion Ratio Lower Upper
62 100
64 31.8 23.3 34.9





#5
Bromomethane
Concen: 17.761 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

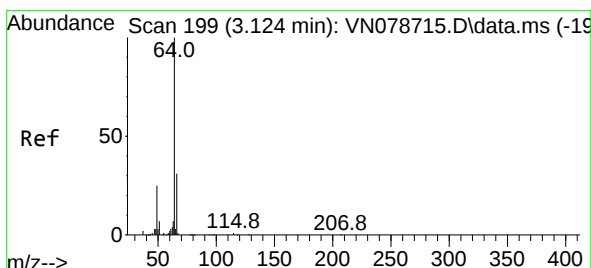
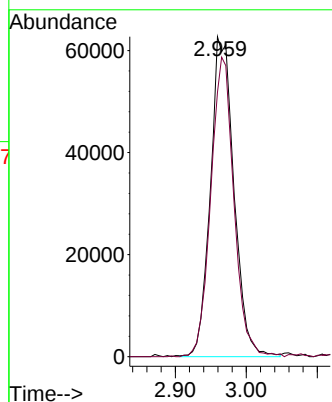
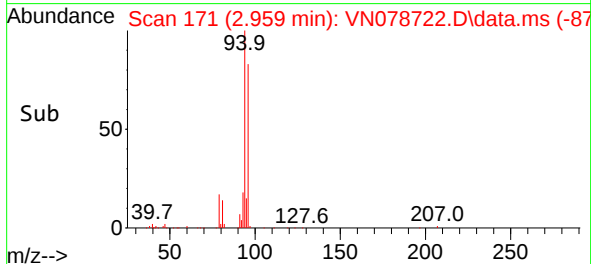
Instrument :
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VN0801WBS01



Tgt Ion: 94 Resp: 144395
Ion Ratio Lower Upper
94 100
96 82.9 73.9 110.9

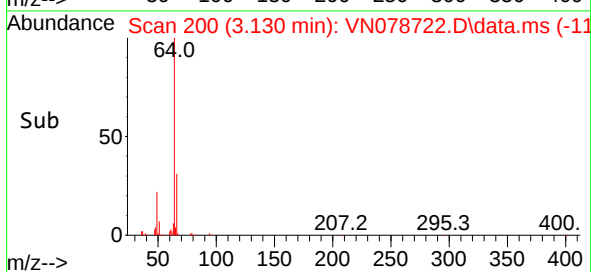
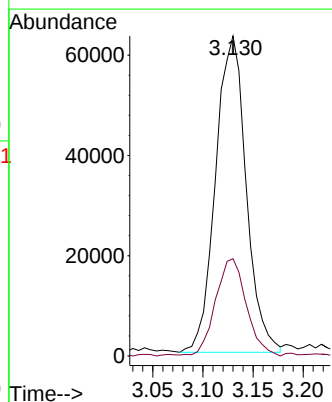
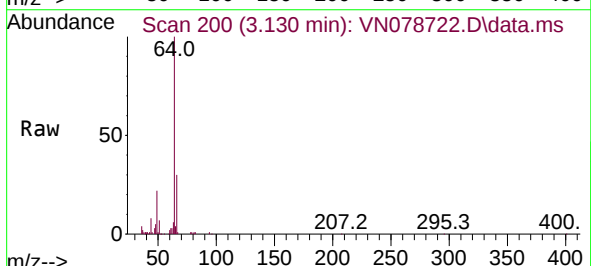
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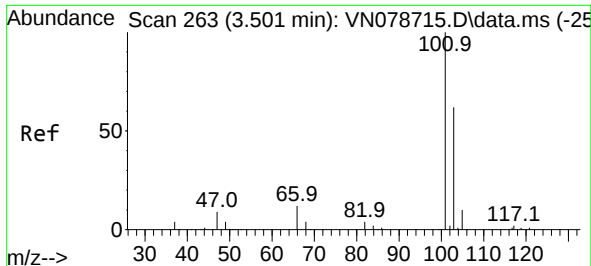
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#6
Chloroethane
Concen: 18.909 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

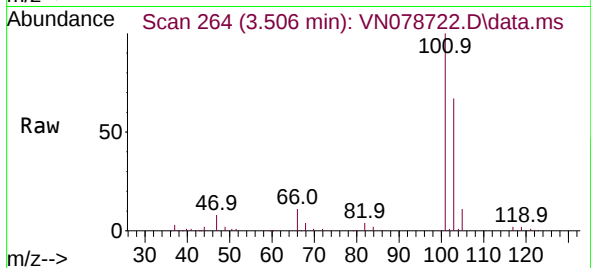
Tgt Ion: 64 Resp: 133941
Ion Ratio Lower Upper
64 100
66 30.5 25.7 38.5





#7
Trichlorofluoromethane
Concen: 29.601 ug/l
RT: 3.506 min Scan# 20
Delta R.T. 0.005 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

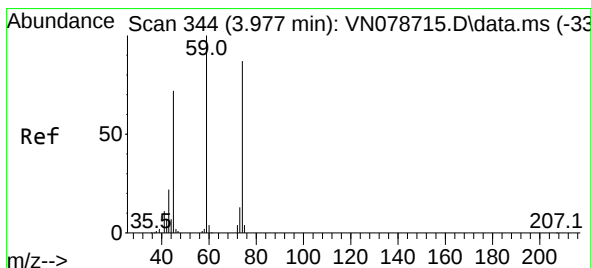
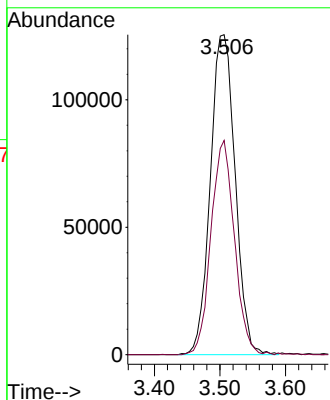
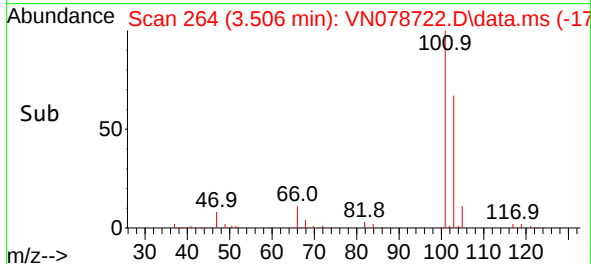
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Tgt Ion:101 Resp: 33025
Ion Ratio Lower Upper
101 100
103 66.9 50.4 75.6

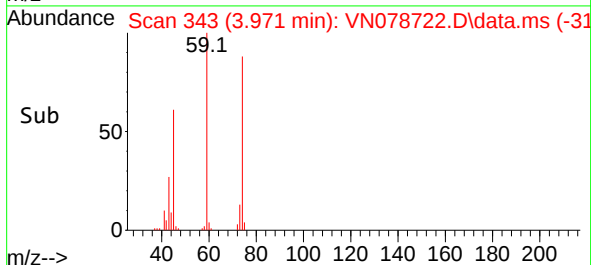
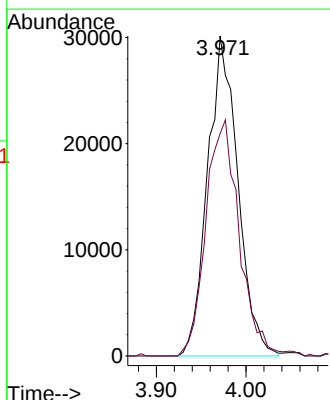
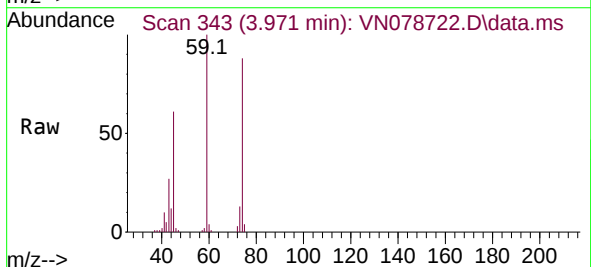
Manual Integrations
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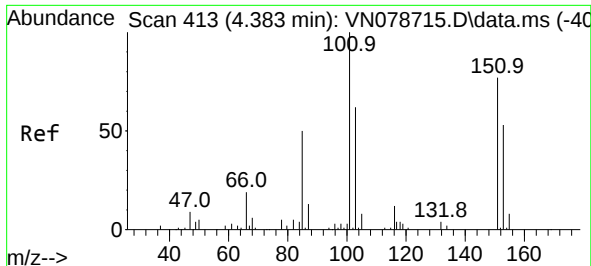
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#8
Diethyl Ether
Concen: 19.409 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.006 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

Tgt Ion: 74 Resp: 70694
Ion Ratio Lower Upper
74 100
45 80.6 16.3 146.5





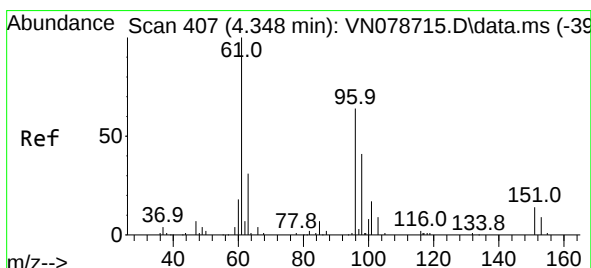
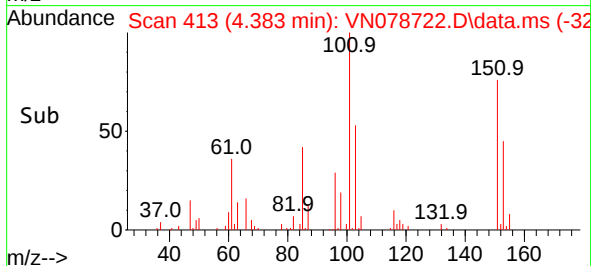
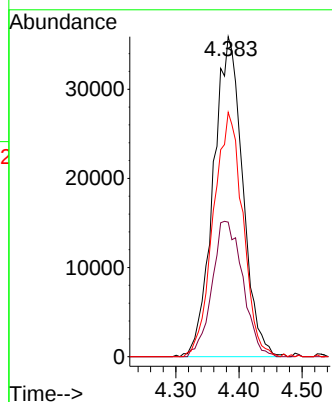
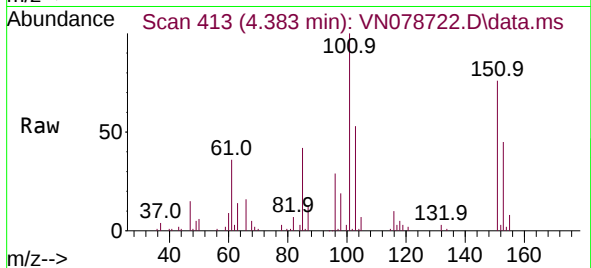
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.329 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078722.D
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Instrument :
MSVOA_N
ClientSampleId :
VN0801WBS01

Tgt Ion:101 Resp: 115754
Ion Ratio Lower Upper
101 100
85 44.2 0.0 89.2
151 76.6 0.0 148.8

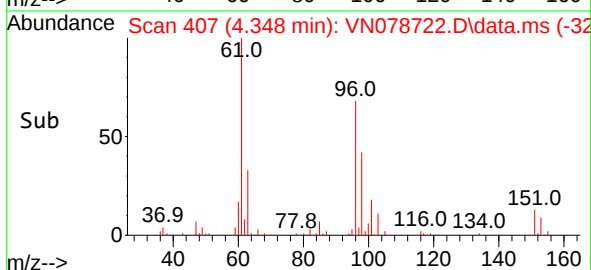
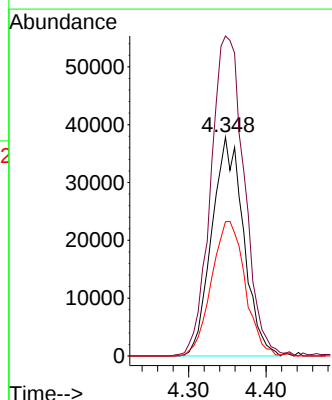
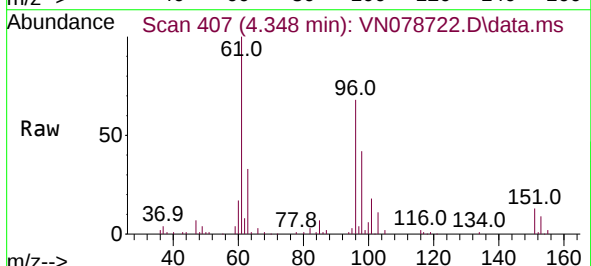
Manual Integrations
APPROVED

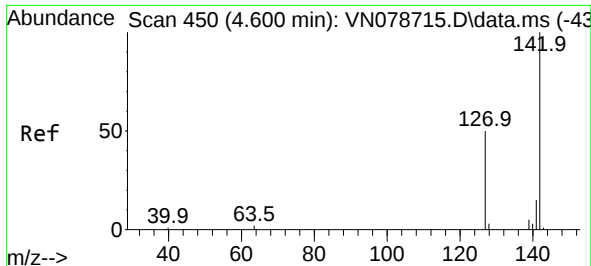
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#10
1,1-Dichloroethene
Concen: 18.799 ug/l
RT: 4.348 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

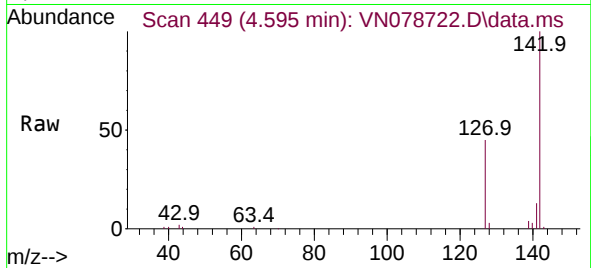
Tgt Ion: 96 Resp: 107955
Ion Ratio Lower Upper
96 100
61 145.5 123.4 185.2
98 60.9 53.7 80.5





#11
Methyl Iodide
Concen: 19.757 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

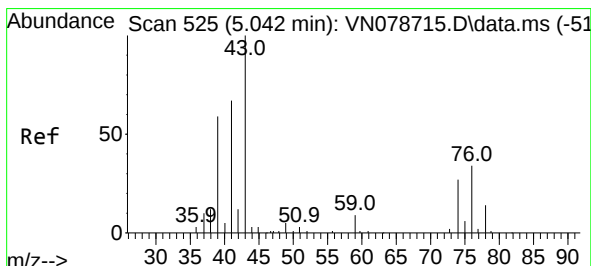
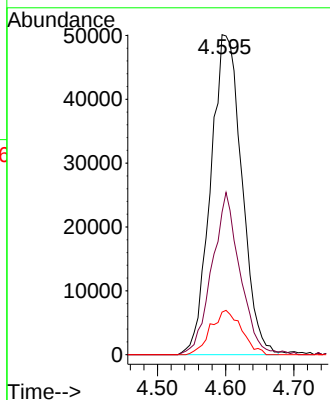
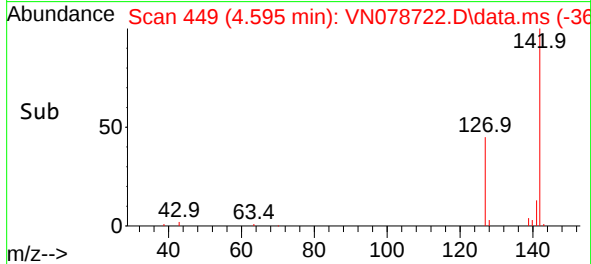
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBS01



Tgt Ion:142 Resp: 159475
Ion Ratio Lower Upper
142 100
127 44.3 23.2 69.5
141 13.3 7.2 21.7

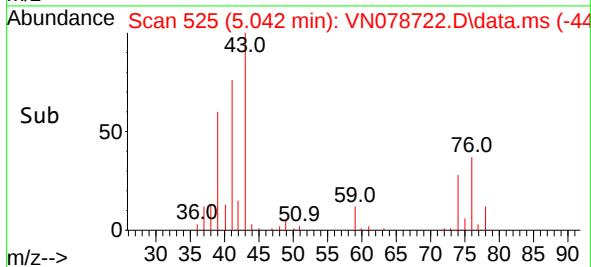
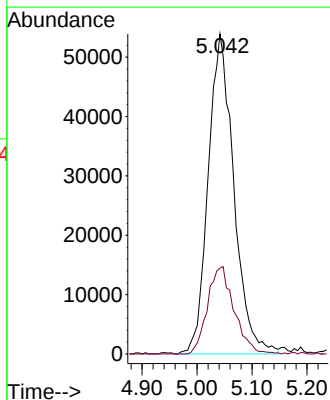
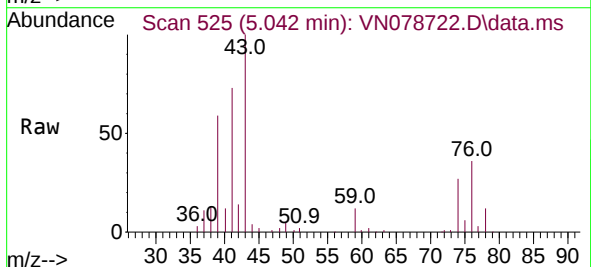
Manual Integrations
APPROVED

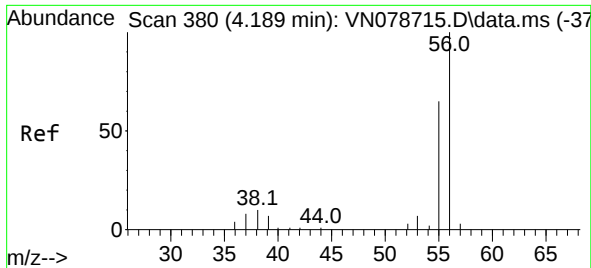
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#12
Methyl Acetate
Concen: 18.761 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

Tgt Ion: 43 Resp: 174747
Ion Ratio Lower Upper
43 100
74 26.9 20.5 30.7





#13

Acrolein

Concen: 94.520 ug/l

RT: 4.195 min Scan# 381

Delta R.T. 0.006 min

Lab File: VN078722.D

Acq: 01 Aug 2023 17:48

Instrument :

MSVOA_N

ClientSampleId :

VN0801WBS01

Tgt Ion: 56 Resp: 93754

Ion Ratio Lower Upper

56 100

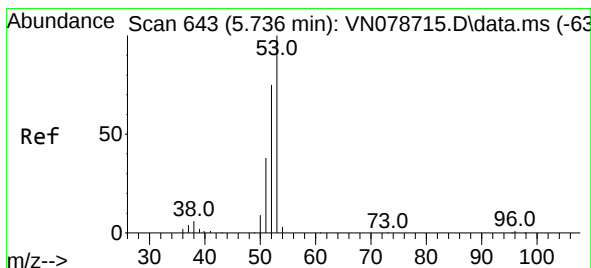
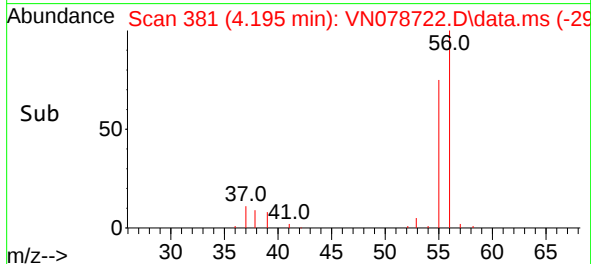
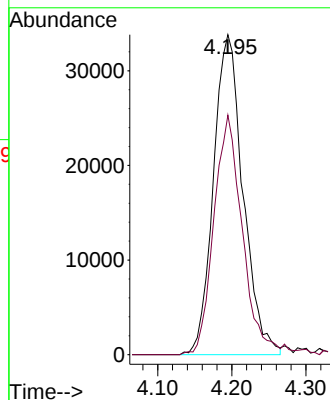
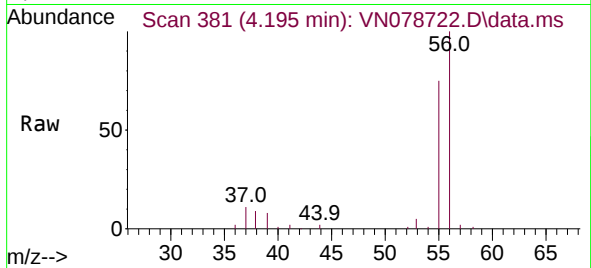
55 71.3 59.0 88.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#14

Acrylonitrile

Concen: 92.576 ug/l

RT: 5.736 min Scan# 643

Delta R.T. -0.000 min

Lab File: VN078722.D

Acq: 01 Aug 2023 17:48

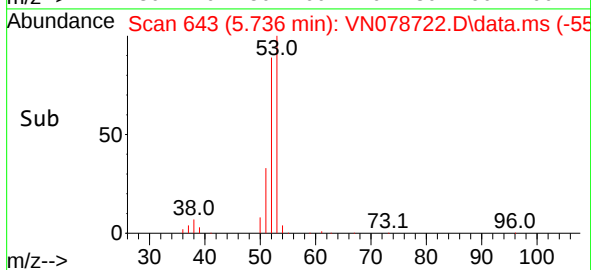
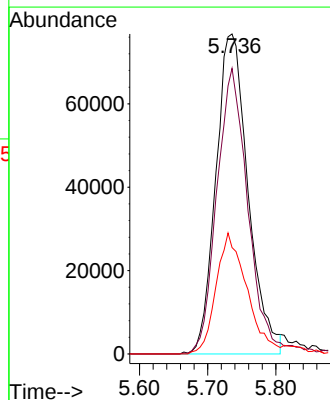
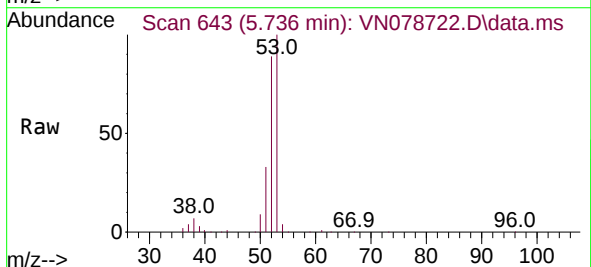
Tgt Ion: 53 Resp: 252503

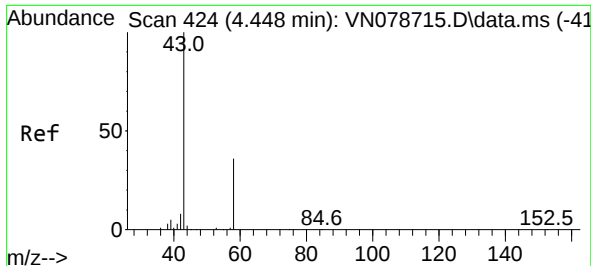
Ion Ratio Lower Upper

53 100

52 85.1 42.3 126.9

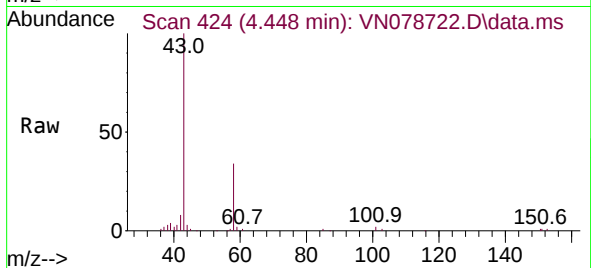
51 36.1 18.4 55.4





#15
Acetone
Concen: 89.721 ug/l
RT: 4.448 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

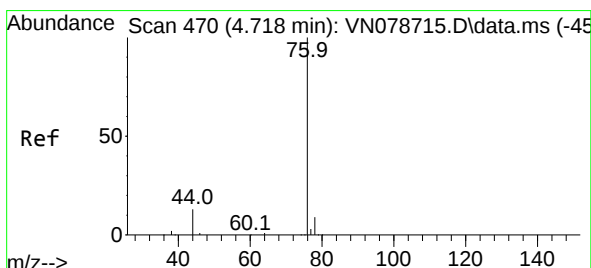
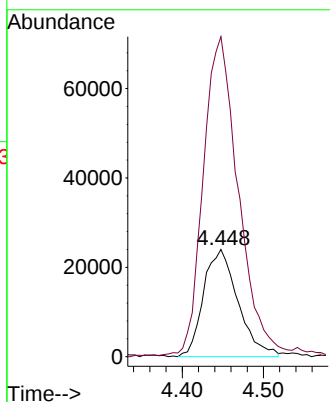
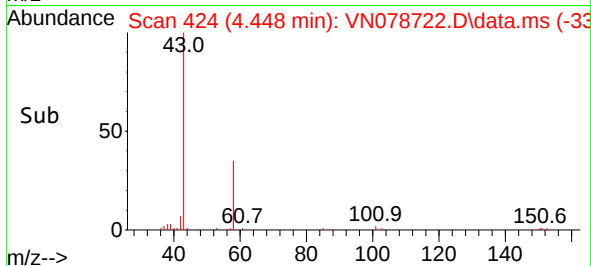
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBS01



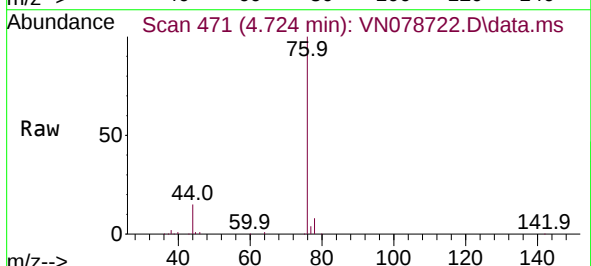
Tgt Ion: 58 Resp: 70902
Ion Ratio Lower Upper
58 100
43 294.8 227.5 341.3

Manual Integrations
APPROVED

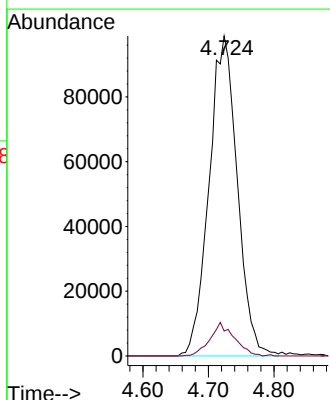
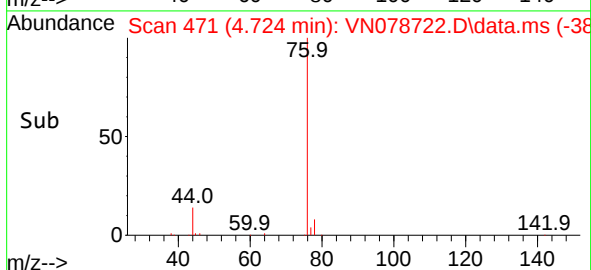
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

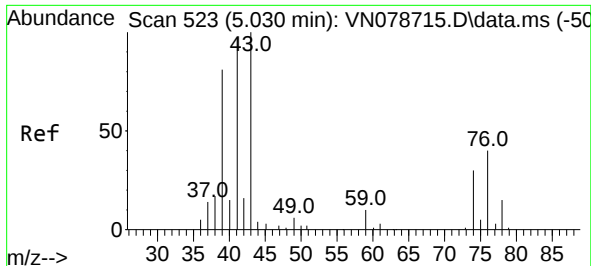


#16
Carbon Disulfide
Concen: 18.251 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48



Tgt Ion: 76 Resp: 296056
Ion Ratio Lower Upper
76 100
78 7.8 7.7 11.5





#17

Allyl chloride

Concen: 18.123 ug/l

RT: 5.036 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN078722.D

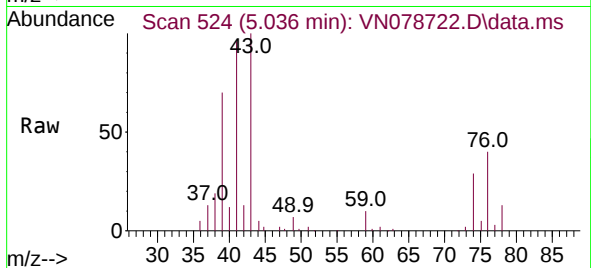
Acq: 01 Aug 2023 17:48

Instrument :

MSVOA_N

ClientSampleId :

VN0801WBS01



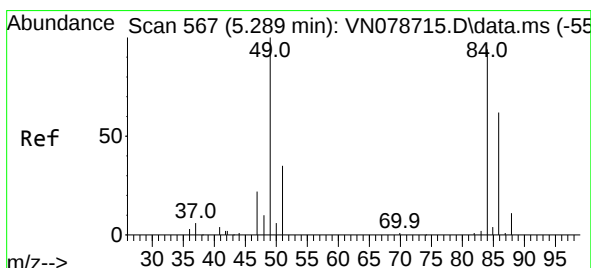
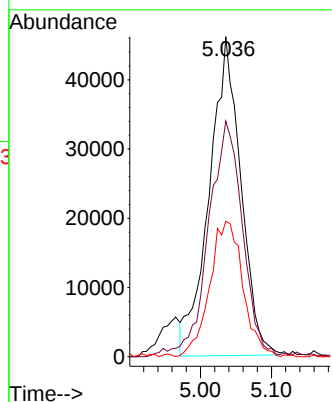
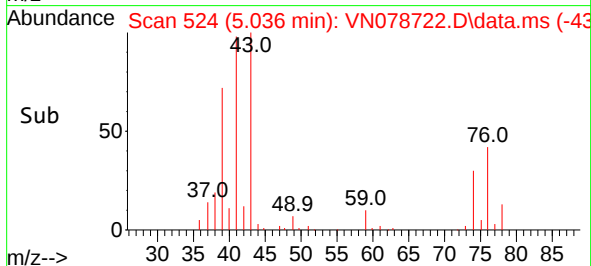
Tgt Ion:	41	Resp:	14210
Ion Ratio	Lower	Upper	
41	100		
39	74.3	37.6	112.8
76	43.0	23.8	71.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#18

Methylene Chloride

Concen: 18.522 ug/l

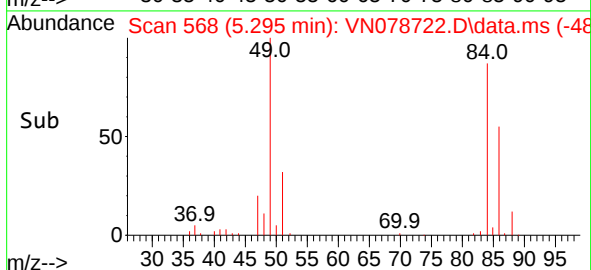
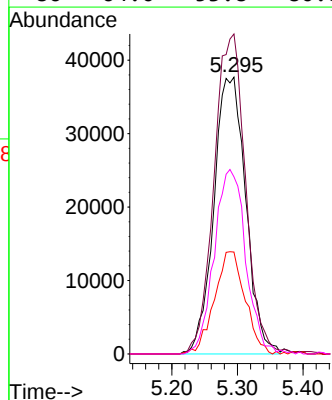
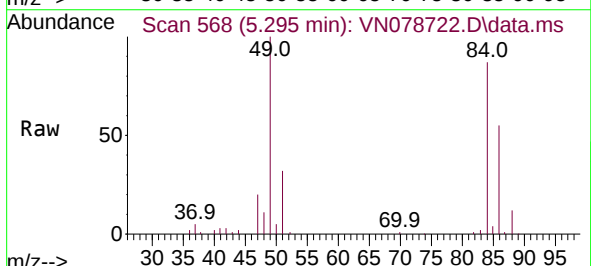
RT: 5.295 min Scan# 568

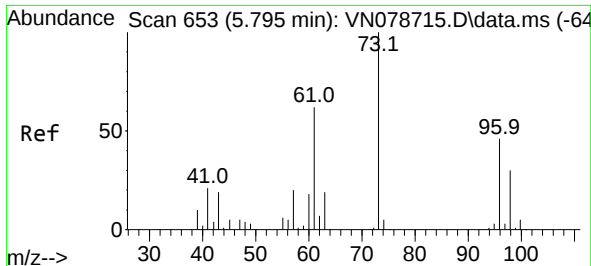
Delta R.T. 0.006 min

Lab File: VN078722.D

Acq: 01 Aug 2023 17:48

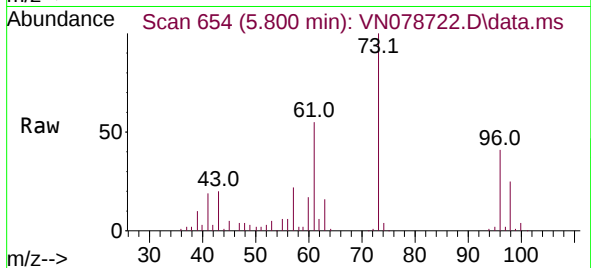
Tgt Ion:	84	Resp:	127606
Ion Ratio	Lower	Upper	
84	100		
49	115.6	88.1	132.1
51	36.8	24.0	36.0#
86	64.0	53.8	80.8





#19
trans-1,2-Dichloroethene
Concen: 17.839 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

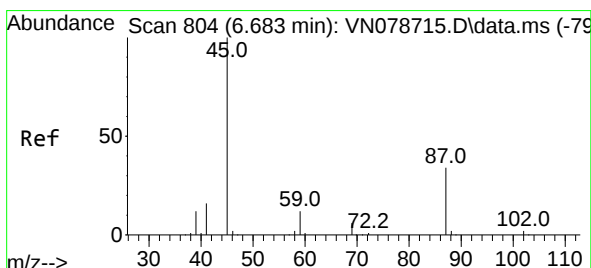
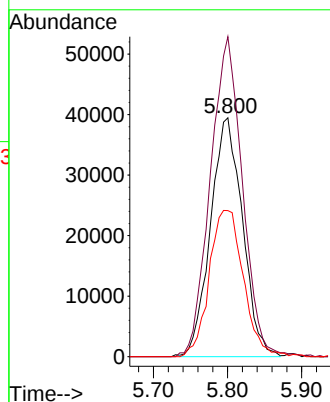
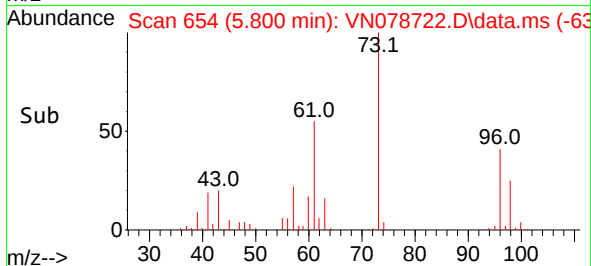
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBS01



Tgt Ion: 96 Resp: 11844
Ion Ratio Lower Upper
96 100
61 132.9 105.2 157.8
98 61.4 50.5 75.7

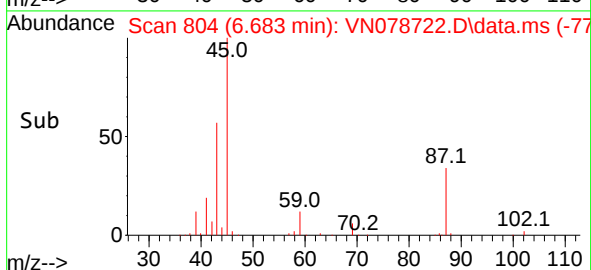
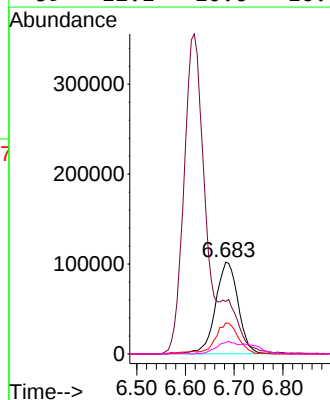
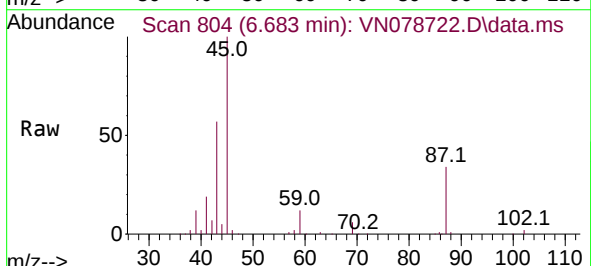
Manual Integrations
APPROVED

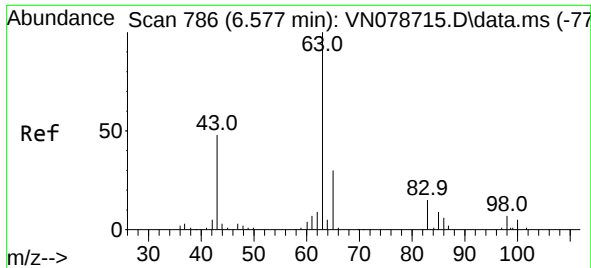
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#20
Diisopropyl ether
Concen: 18.637 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

Tgt Ion: 45 Resp: 329022
Ion Ratio Lower Upper
45 100
43 55.7 43.6 65.4
87 33.9 25.8 38.6
59 12.1 10.6 16.0





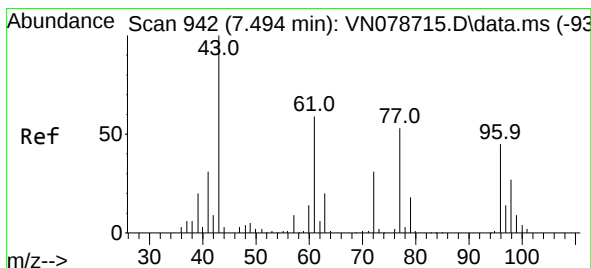
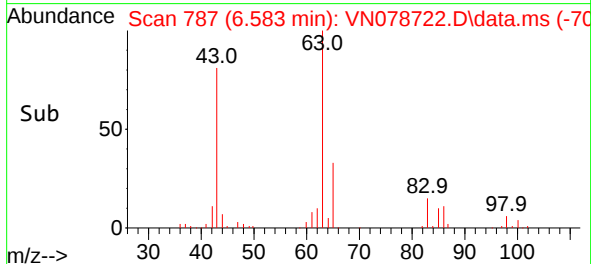
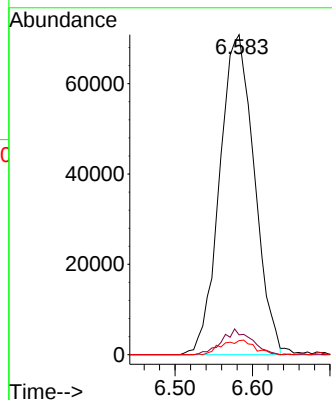
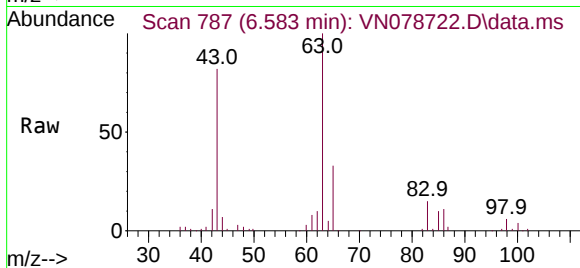
#21
1,1-Dichloroethane
Concen: 18.849 ug/l
RT: 6.583 min Scan# 786
Delta R.T. 0.006 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

Instrument :
MSVOA_N
ClientSampleId :
VN0801WBS01

Tgt Ion: 63 Resp: 220349
Ion Ratio Lower Upper
63 100
98 6.2 2.7 8.1
100 4.4 2.5 7.4

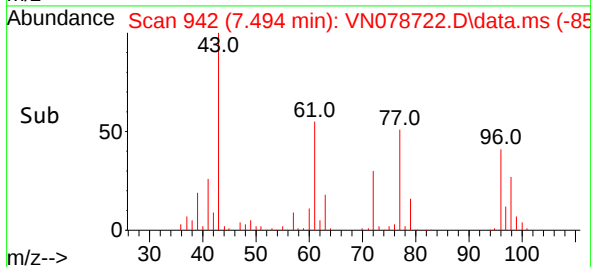
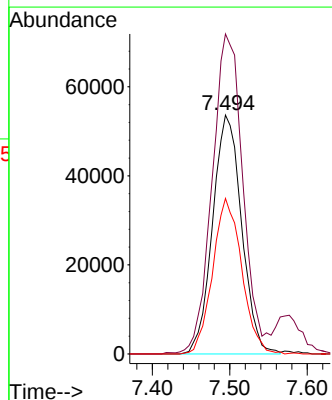
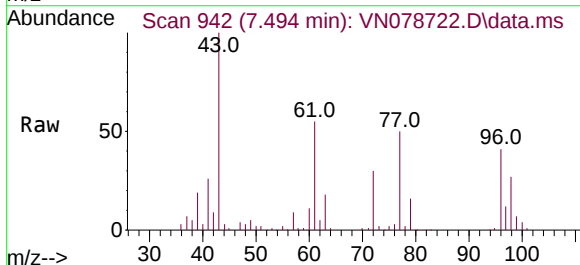
Manual Integrations
APPROVED

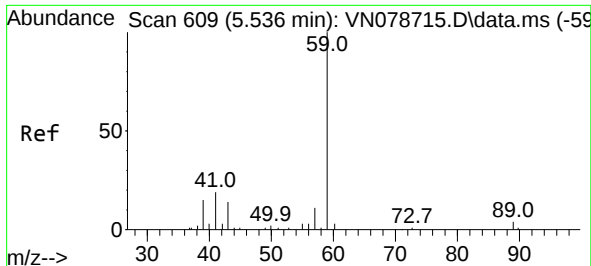
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#22
cis-1,2-Dichloroethene
Concen: 18.734 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

Tgt Ion: 96 Resp: 139689
Ion Ratio Lower Upper
96 100
61 140.1 113.8 170.6
98 65.2 52.2 78.4





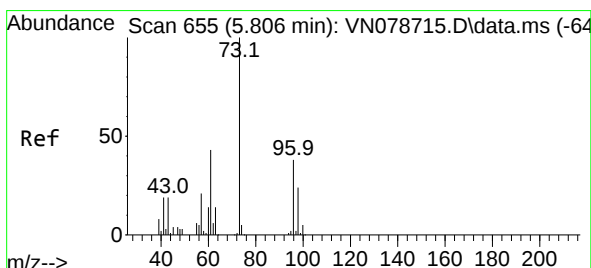
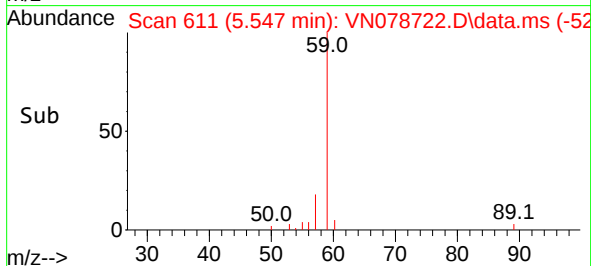
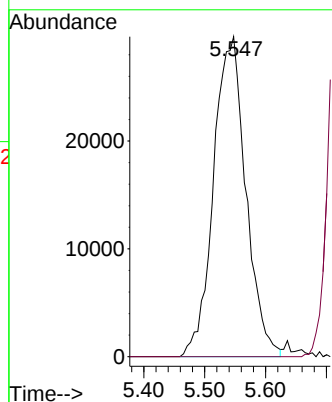
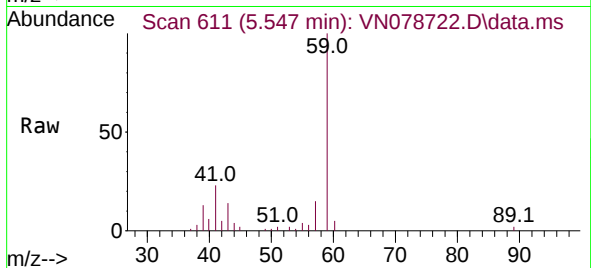
#23
tert-Butyl Alcohol
Concen: 98.058 ug/l
RT: 5.547 min Scan# 611
Delta R.T. 0.011 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

Instrument :
MSVOA_N
ClientSampleId :
VN0801WBS01

Tgt Ion: 59 Resp: 109290
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

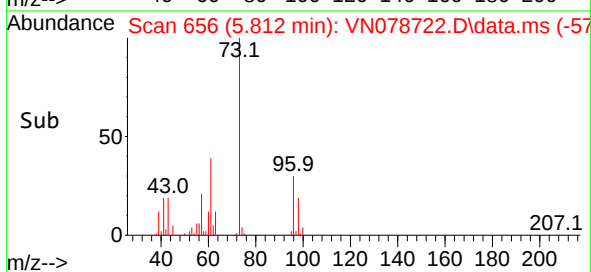
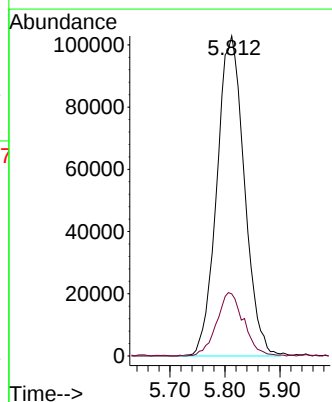
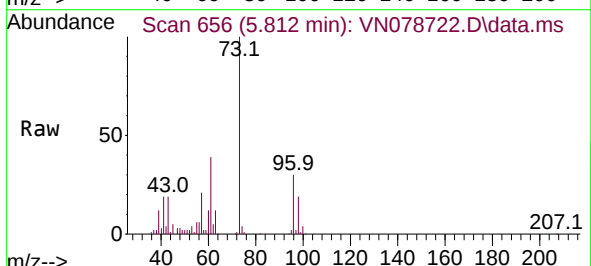
Manual Integrations
APPROVED

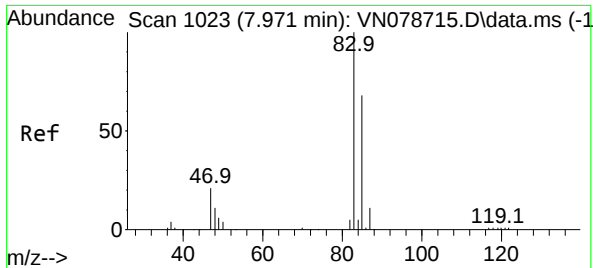
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#24
Methyl tert-Butyl Ether
Concen: 18.525 ug/l
RT: 5.812 min Scan# 656
Delta R.T. 0.006 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

Tgt Ion: 73 Resp: 357724
Ion Ratio Lower Upper
73 100
43 19.5 14.5 21.7





#25

Chloroform

Concen: 19.458 ug/l

RT: 7.977 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN078722.D

Acq: 01 Aug 2023 17:48

Instrument :

MSVOA_N

ClientSampleId :

VN0801WBS01

Tgt Ion: 83 Resp: 24082

Ion Ratio Lower Upper

83 100

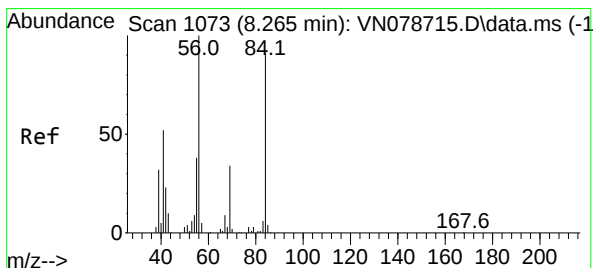
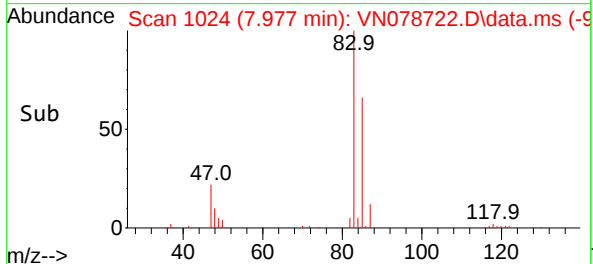
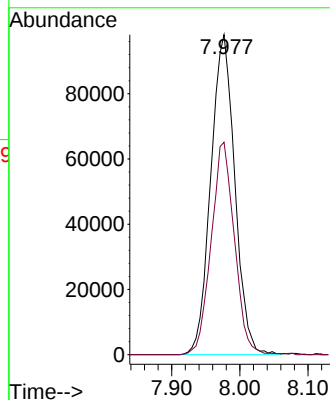
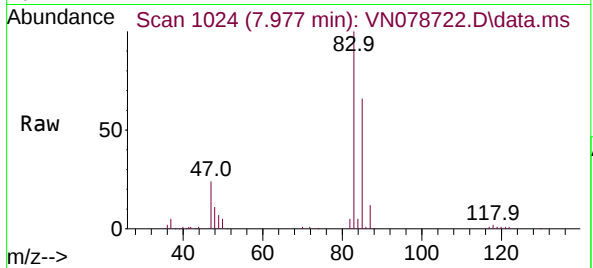
85 66.4 53.4 80.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#26

Cyclohexane

Concen: 19.217 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN078722.D

Acq: 01 Aug 2023 17:48

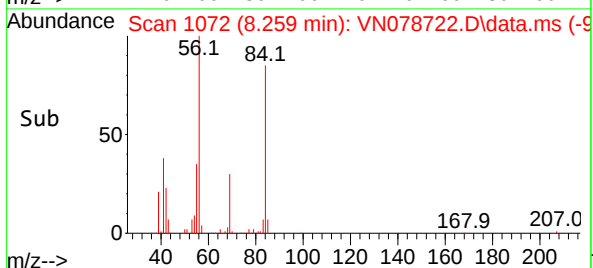
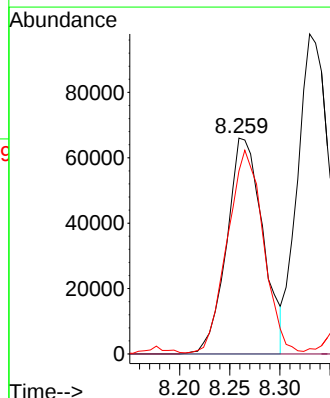
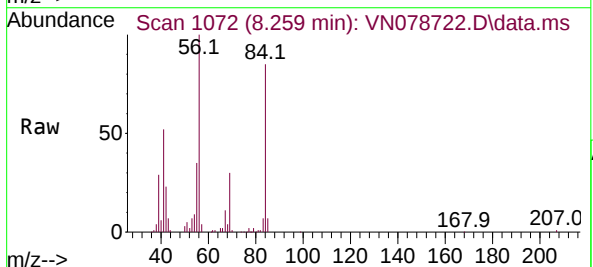
Tgt Ion: 56 Resp: 165477

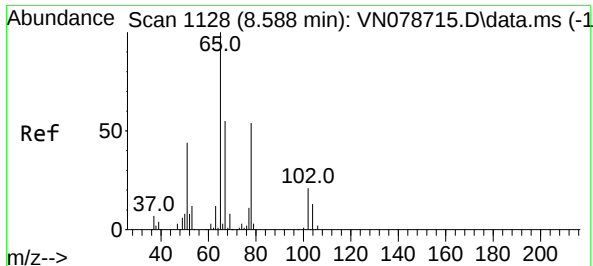
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

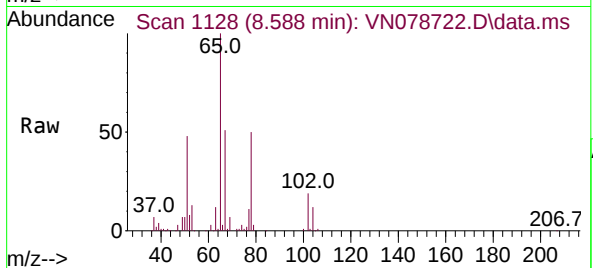
84 94.8 74.2 111.4





#27
1,2-Dichloroethane-d4
Concen: 29.659 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

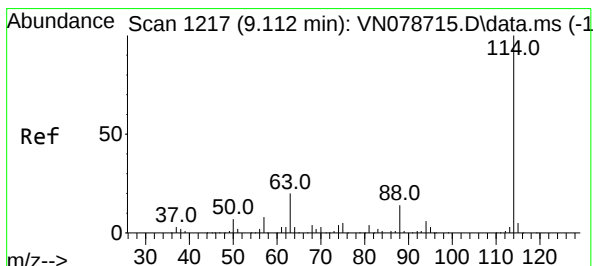
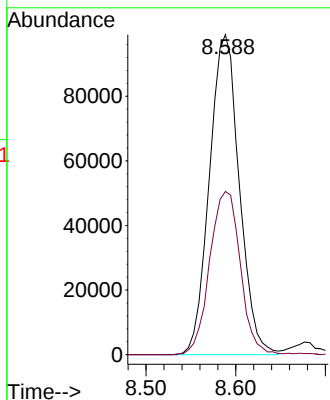
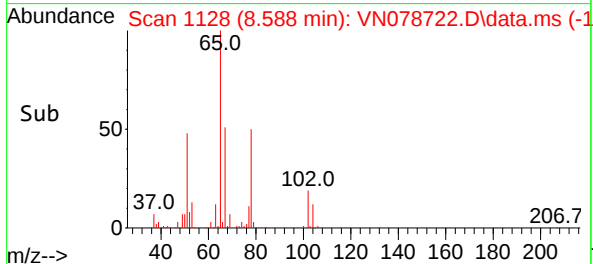
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBS01



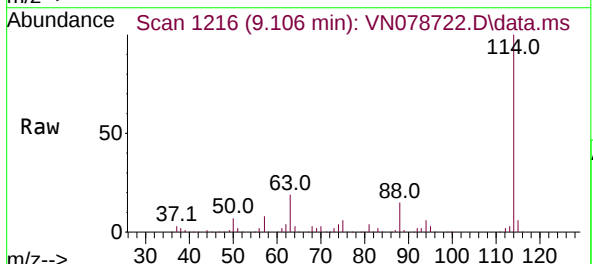
Tgt Ion: 65 Resp: 229158
Ion Ratio Lower Upper
65 100
67 52.2 42.9 64.3

Manual Integrations
APPROVED

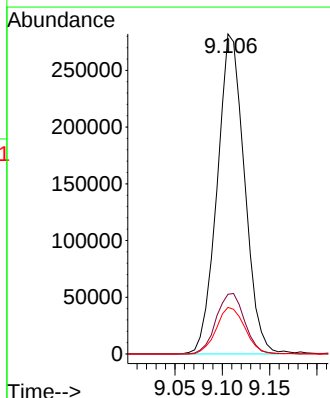
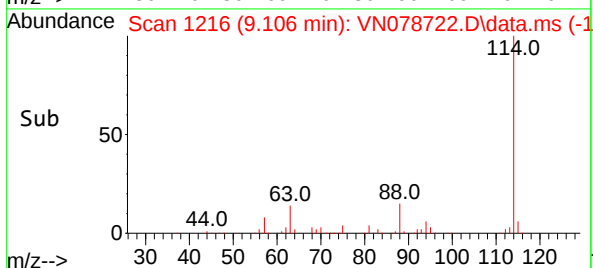
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

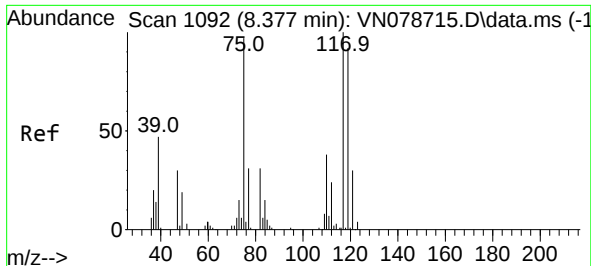


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48



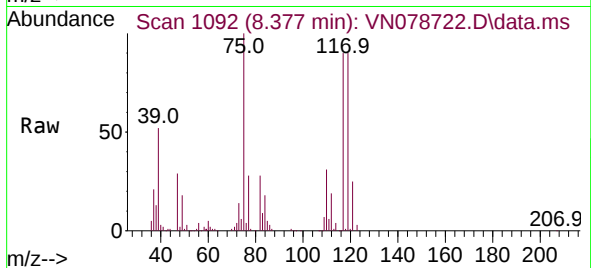
Tgt Ion:114 Resp: 565796
Ion Ratio Lower Upper
114 100
63 19.7 15.2 22.8
88 15.2 12.5 18.7





#29
1,1-Dichloropropene
Concen: 20.527 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

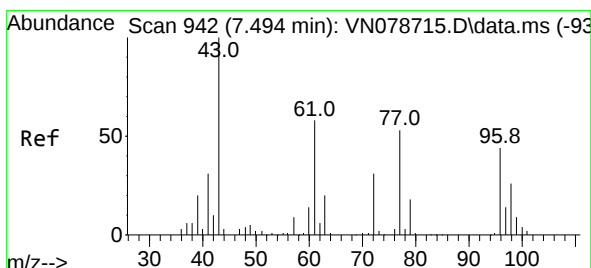
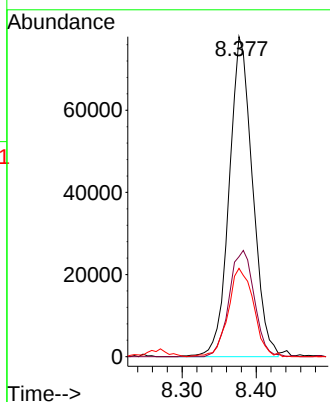
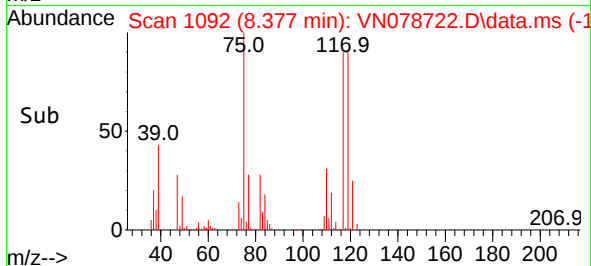
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBS01



Tgt Ion: 75 Resp: 170894
Ion Ratio Lower Upper
75 100
110 35.6 0.0 72.2
77 29.9 0.0 62.8

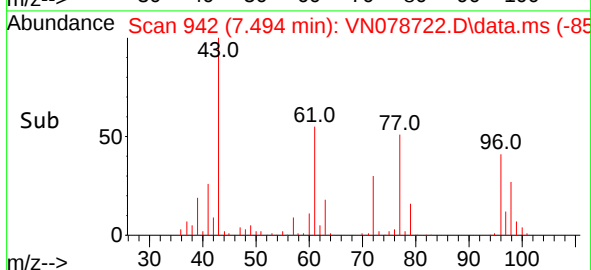
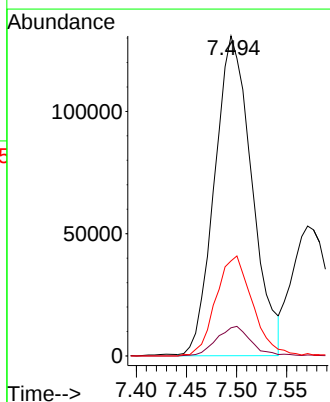
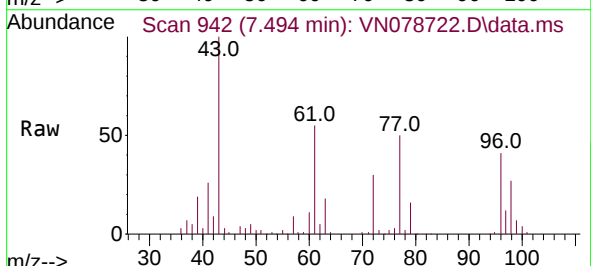
Manual Integrations
APPROVED

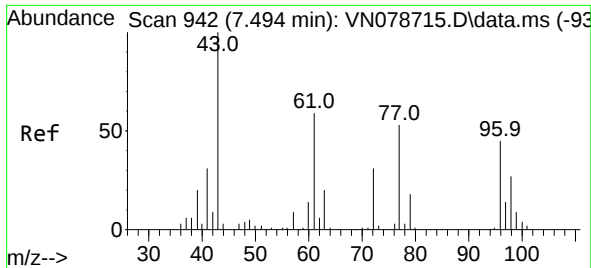
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#30
2-Butanone
Concen: 102.919 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

Tgt Ion: 43 Resp: 338710
Ion Ratio Lower Upper
43 100
57 8.4 6.8 10.2
72 30.7 23.8 35.6





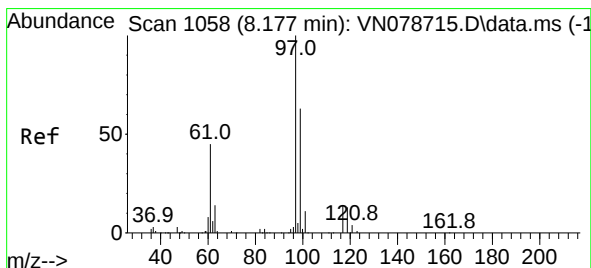
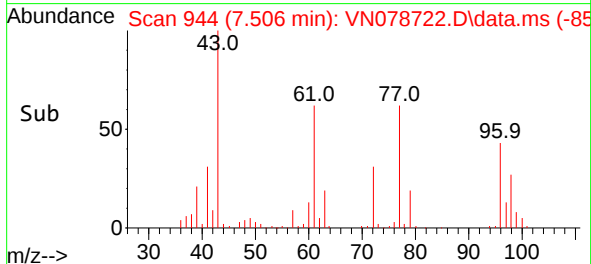
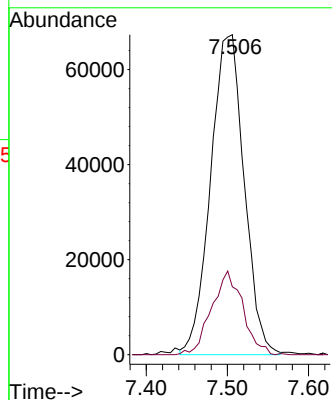
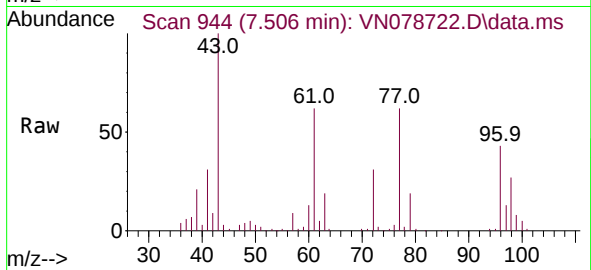
#31
2,2-Dichloropropane
Concen: 20.250 ug/l
RT: 7.506 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

Instrument :
MSVOA_N
ClientSampleId :
VN0801WBS01

Tgt Ion: 77 Resp: 19345
Ion Ratio Lower Upper
77 100
97 24.2 18.8 28.2

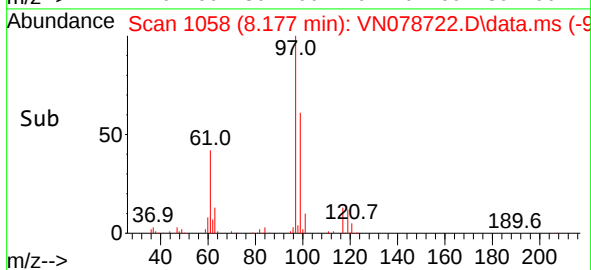
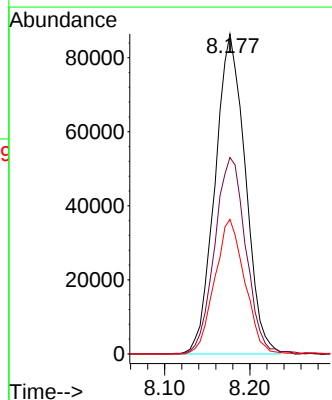
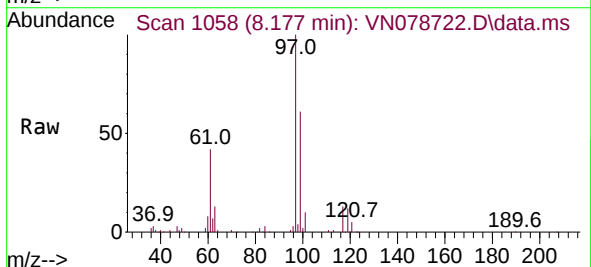
Manual Integrations
APPROVED

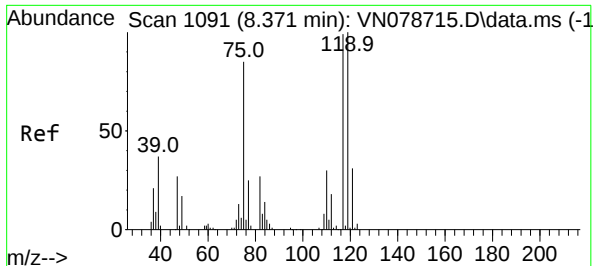
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#32
1,1,1-Trichloroethane
Concen: 20.283 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

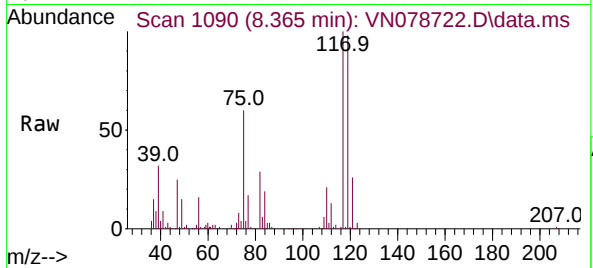
Tgt Ion: 97 Resp: 213640
Ion Ratio Lower Upper
97 100
99 63.1 51.3 76.9
61 41.7 34.6 52.0





#33
Carbon Tetrachloride
Concen: 20.471 ug/l
RT: 8.365 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

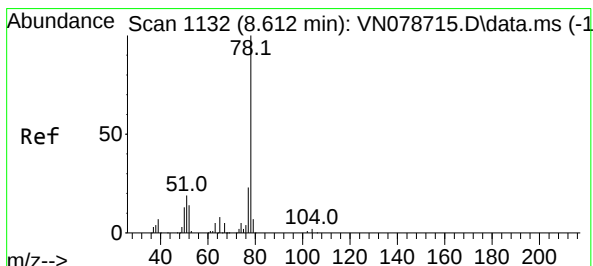
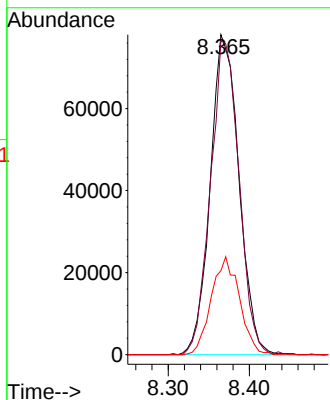
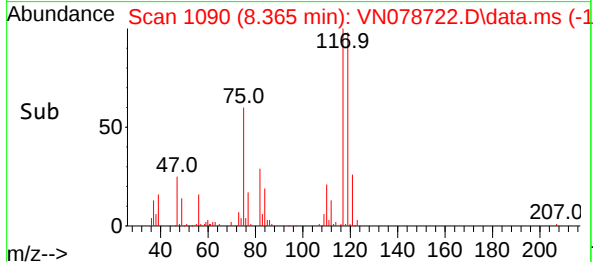
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBS01



Tgt Ion: 117 Resp: 191514
Ion Ratio Lower Upper
117 100
119 98.1 81.4 122.0
121 26.3 23.6 35.4

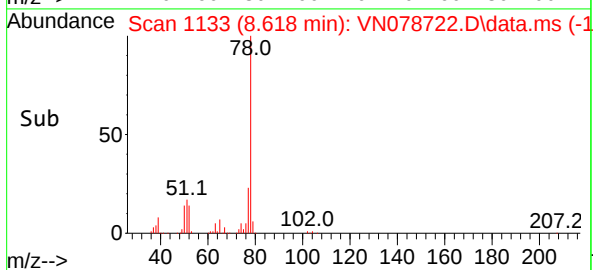
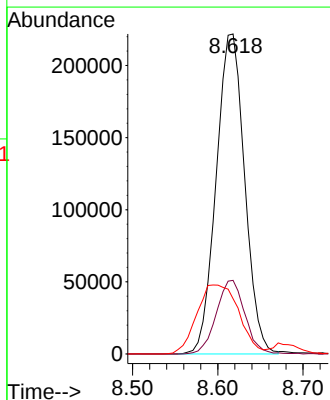
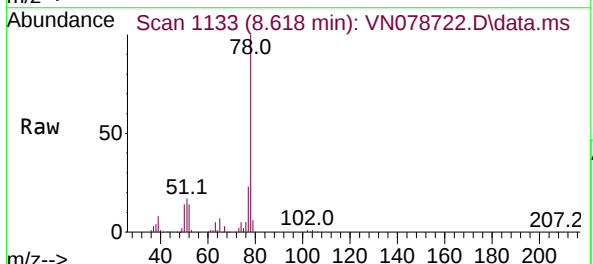
Manual Integrations
APPROVED

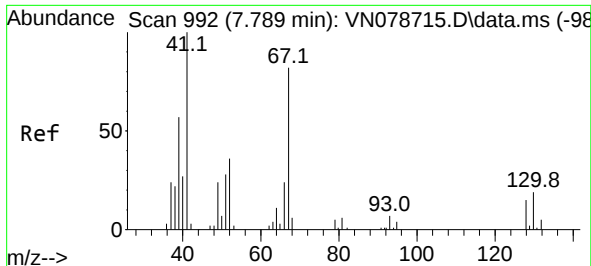
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#34
Benzene
Concen: 20.595 ug/l
RT: 8.618 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

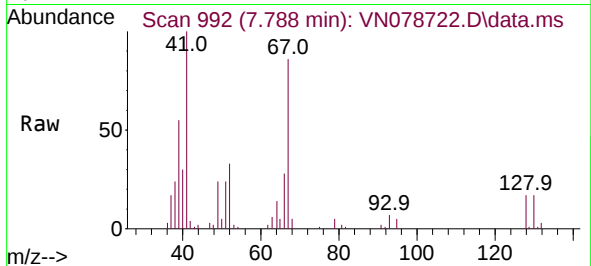
Tgt Ion: 78 Resp: 515045
Ion Ratio Lower Upper
78 100
77 23.0 18.3 27.5
51 15.9 13.7 20.5





#35
Methacrylonitrile
Concen: 21.020 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.001 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

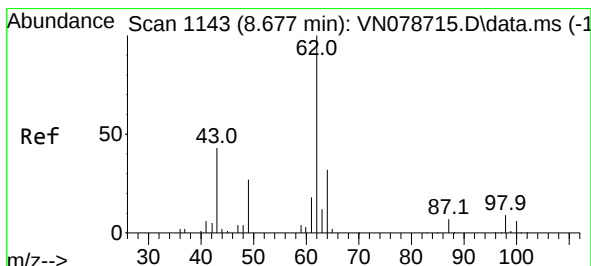
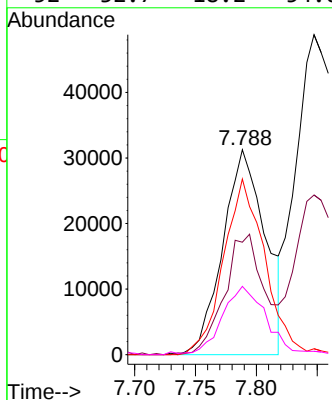
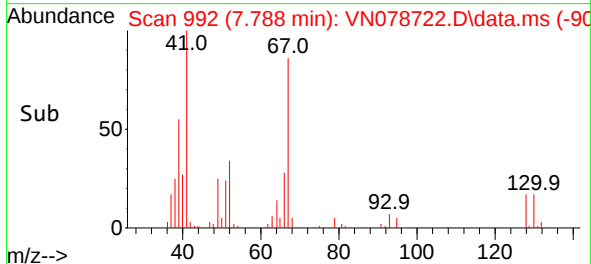
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBS01



Tgt Ion: 41 Resp: 75960
Ion Ratio Lower Upper
41 100
39 54.0 33.9 101.6
67 85.7 45.9 137.6
52 32.7 18.2 54.6

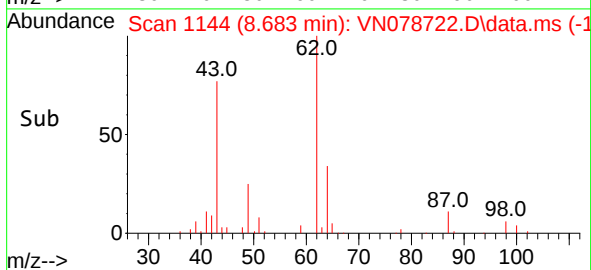
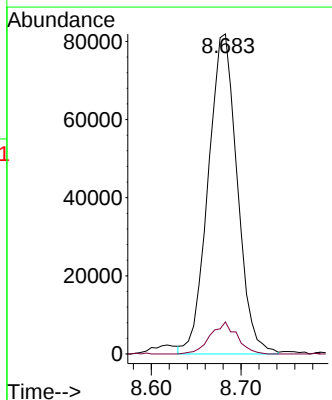
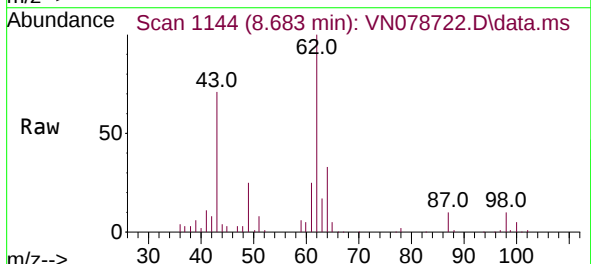
Manual Integrations
APPROVED

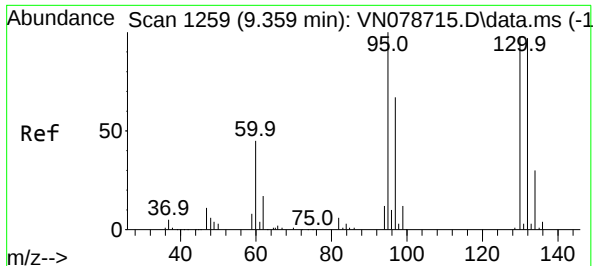
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#36
1,2-Dichloroethane
Concen: 20.980 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

Tgt Ion: 62 Resp: 184263
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.0





#37

Trichloroethene

Concen: 19.000 ug/l

RT: 9.359 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078722.D

Acq: 01 Aug 2023 17:48

Instrument :

MSVOA_N

ClientSampleId :

VN0801WBS01

Tgt Ion:130 Resp: 133340

Ion Ratio Lower Upper

130 100

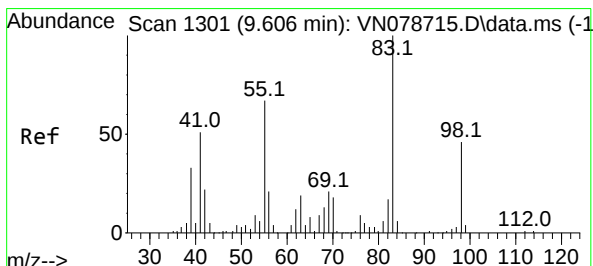
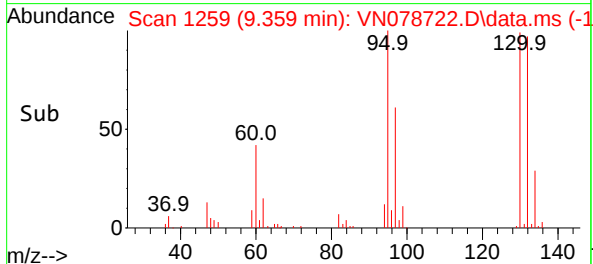
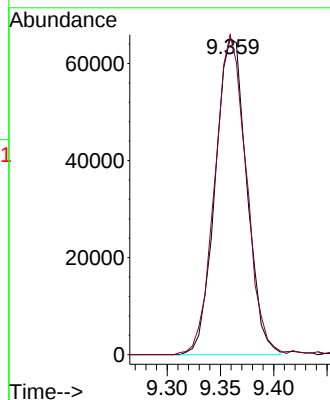
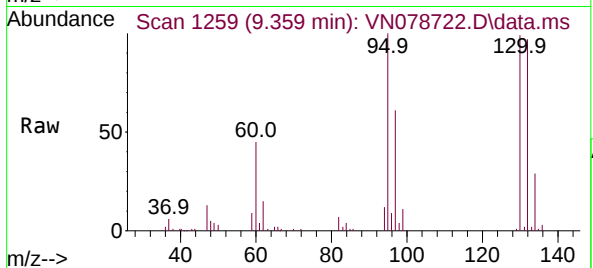
95 100.7 78.2 117.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#38

Methylcyclohexane

Concen: 19.447 ug/l

RT: 9.612 min Scan# 1302

Delta R.T. 0.006 min

Lab File: VN078722.D

Acq: 01 Aug 2023 17:48

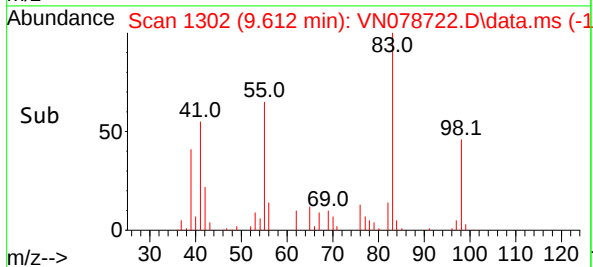
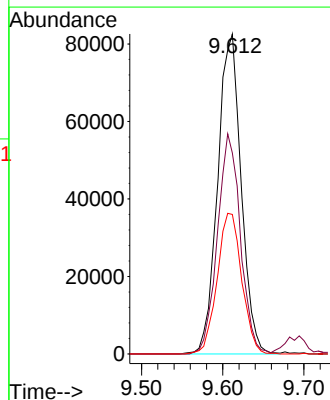
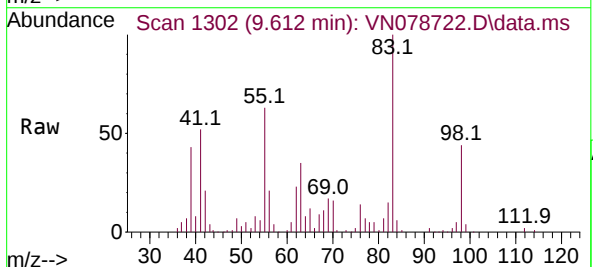
Tgt Ion: 83 Resp: 166348

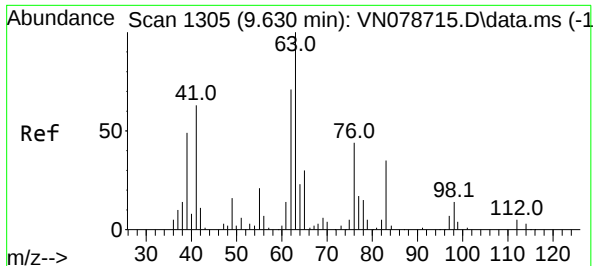
Ion Ratio Lower Upper

83 100

55 67.2 34.0 102.0

98 45.9 23.0 69.0





#39

1,2-Dichloropropane

Concen: 19.713 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VN078722.D

Acq: 01 Aug 2023 17:48

Instrument :

MSVOA_N

ClientSampleId :

VN0801WBS01

Tgt Ion: 63 Resp: 13215

Ion Ratio Lower Upper

63 100

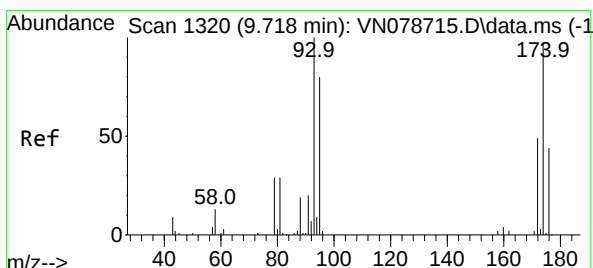
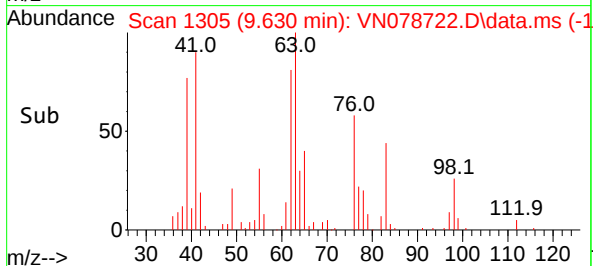
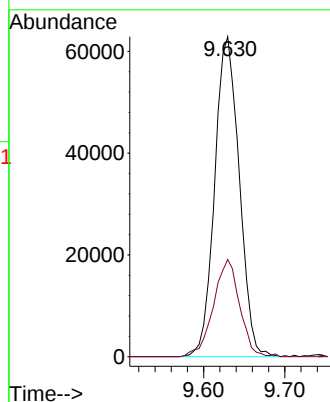
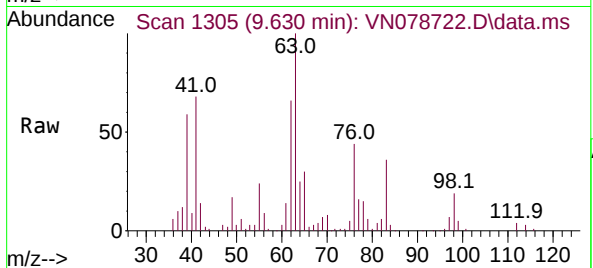
65 30.3 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#40

Dibromomethane

Concen: 20.537 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078722.D

Acq: 01 Aug 2023 17:48

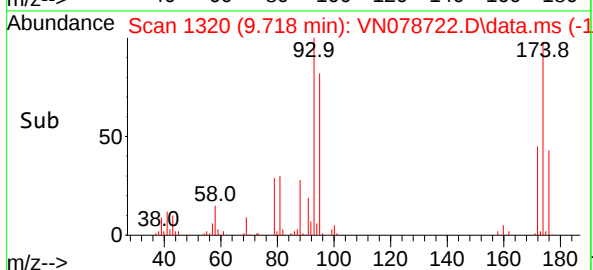
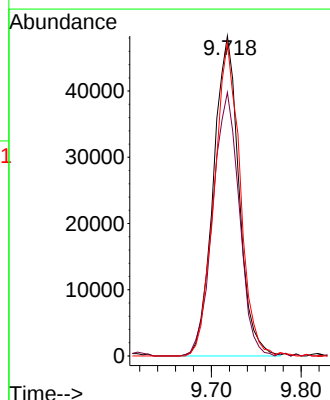
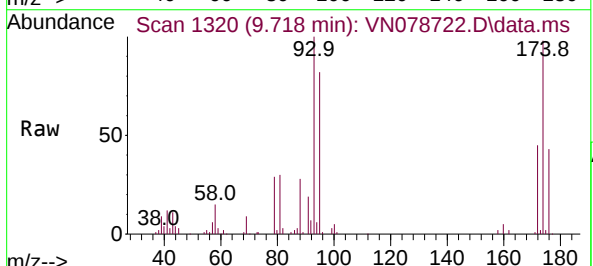
Tgt Ion: 93 Resp: 95294

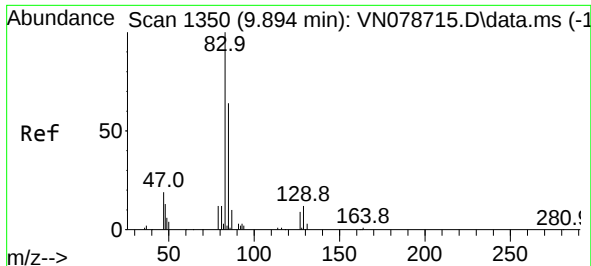
Ion Ratio Lower Upper

93 100

95 85.1 0.0 167.8

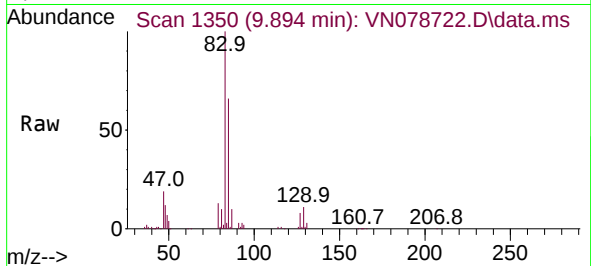
174 98.6 0.0 180.8





#41
Bromodichloromethane
Concen: 20.879 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

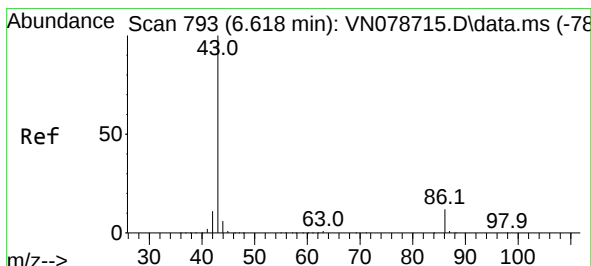
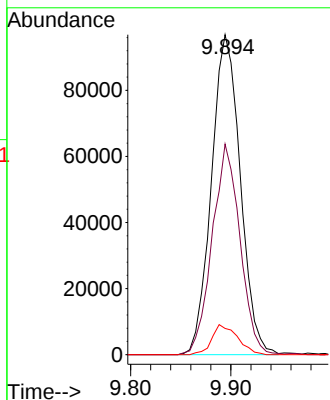
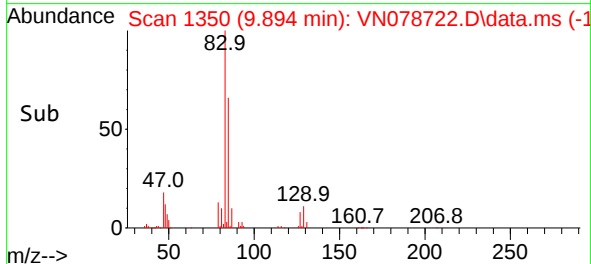
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBS01



Tgt Ion: 83 Resp: 19368
Ion Ratio Lower Upper
83 100
85 65.8 54.1 81.1
127 8.2 7.8 11.6

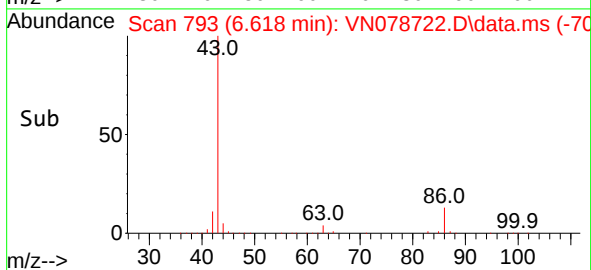
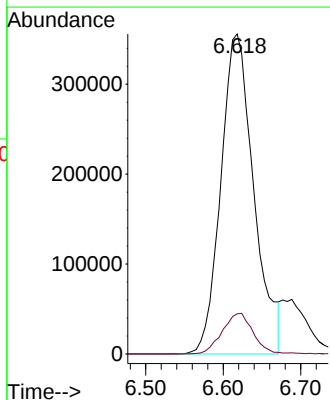
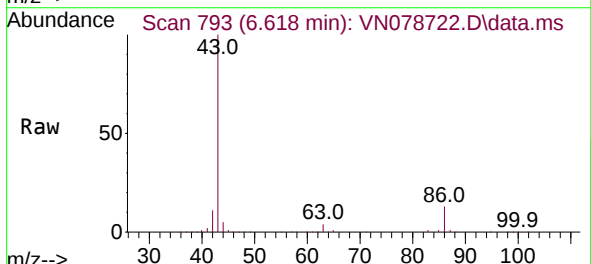
Manual Integrations
APPROVED

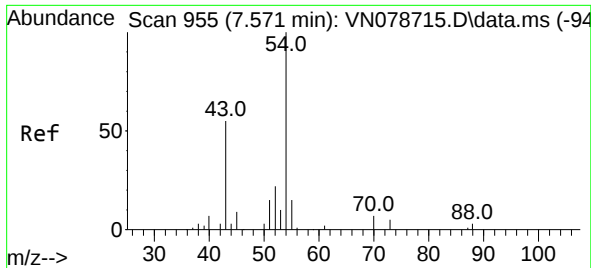
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#42
Vinyl Acetate
Concen: 99.532 ug/l
RT: 6.618 min Scan# 793
Delta R.T. -0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

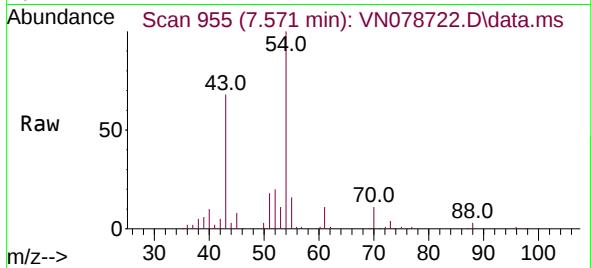
Tgt Ion: 43 Resp: 1053126
Ion Ratio Lower Upper
43 100
86 11.8 9.4 14.0





#43
Ethyl Acetate
Concen: 20.717 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

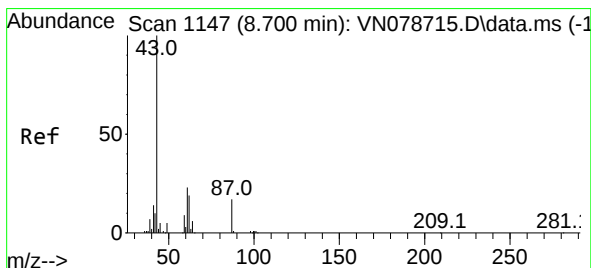
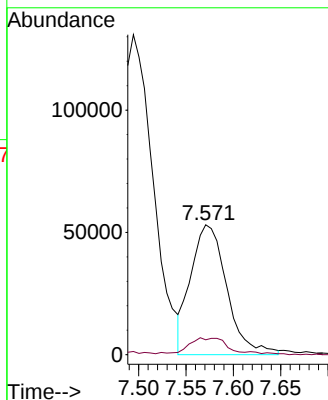
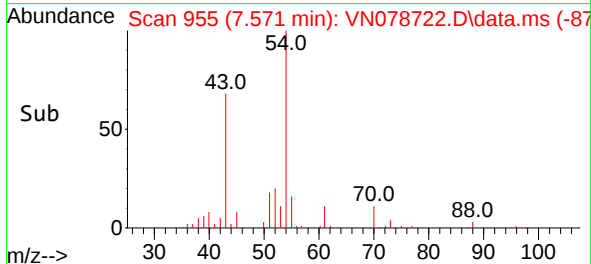
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBS01



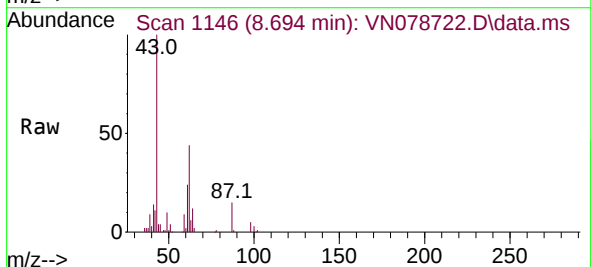
Tgt Ion: 43 Resp: 14095
Ion Ratio Lower Upper
43 100
45 5.3 10.9 16.3

Manual Integrations
APPROVED

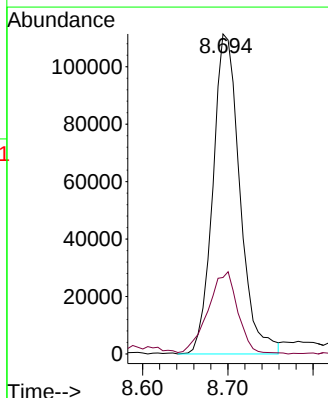
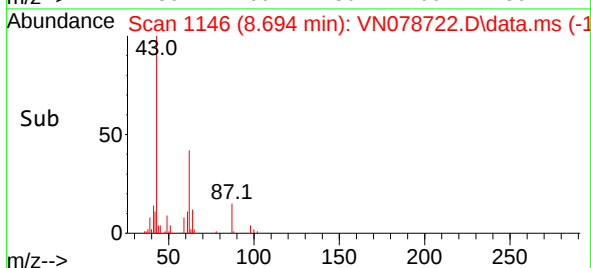
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

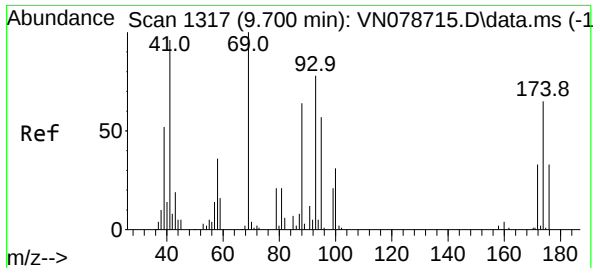


#44
Isopropyl Acetate
Concen: 20.547 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.006 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48



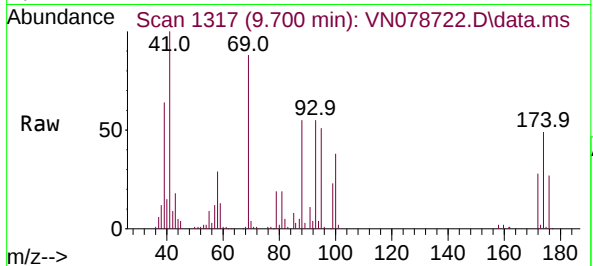
Tgt Ion: 43 Resp: 245277
Ion Ratio Lower Upper
43 100
61 28.5 23.0 34.6





#45
1,4-Dioxane
Concen: 438.293 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

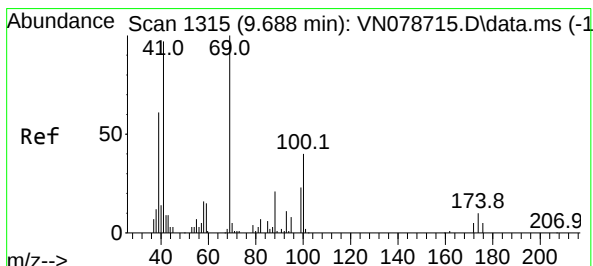
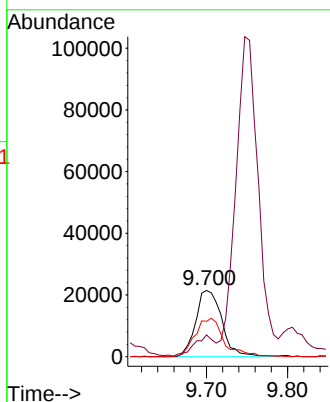
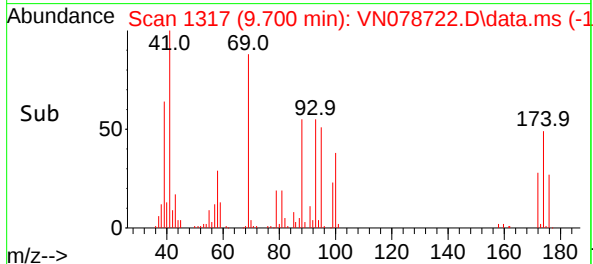
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBS01



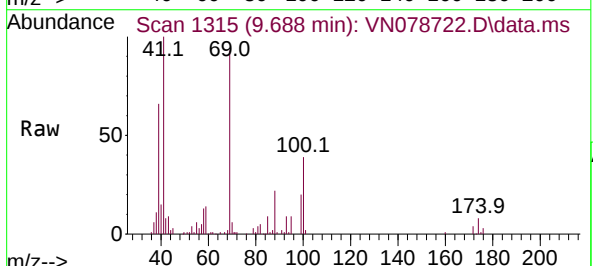
Tgt Ion: 88 Resp: 48128
Ion Ratio Lower Upper
88 100
43 24.2 19.0 28.6
58 58.8 48.2 72.2

Manual Integrations
APPROVED

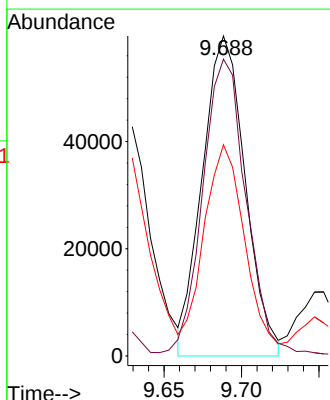
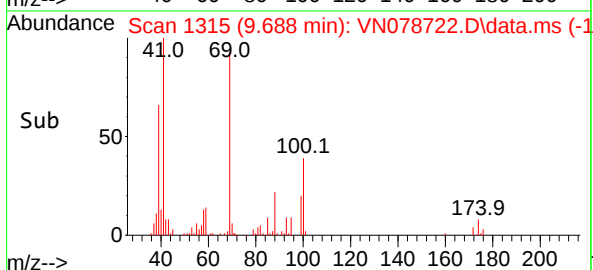
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

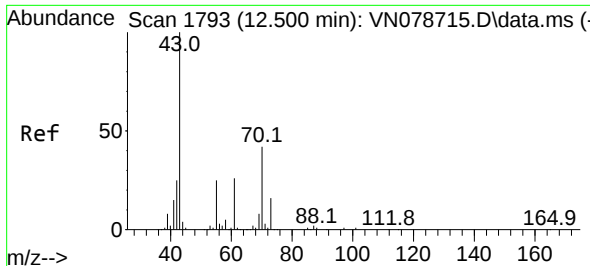


#46
Methyl methacrylate
Concen: 20.979 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48



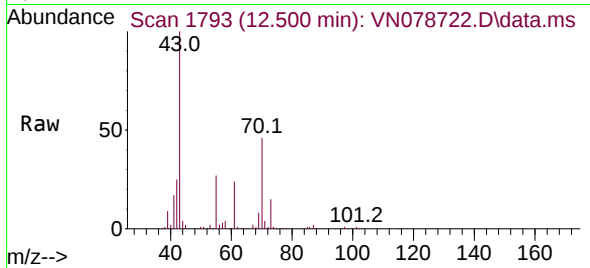
Tgt Ion: 41 Resp: 114681
Ion Ratio Lower Upper
41 100
69 93.3 49.0 147.0
39 65.3 31.6 94.8





#47
n-amy1 Acetate
Concen: 19.543 ug/l
RT: 12.500 min Scan# 17967
Delta R.T. -0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

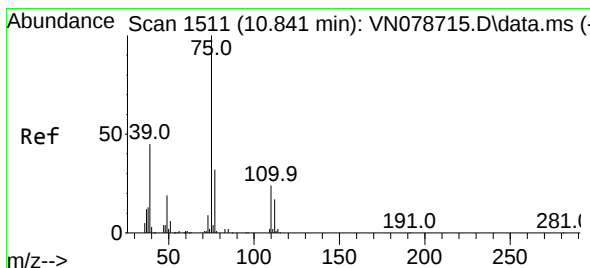
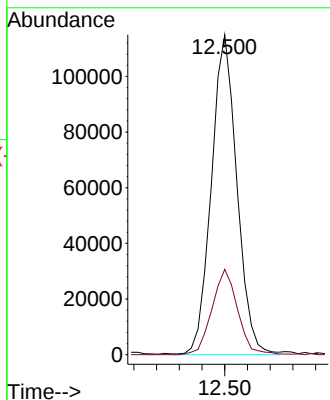
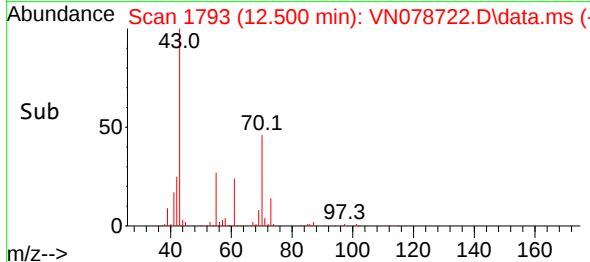
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBS01



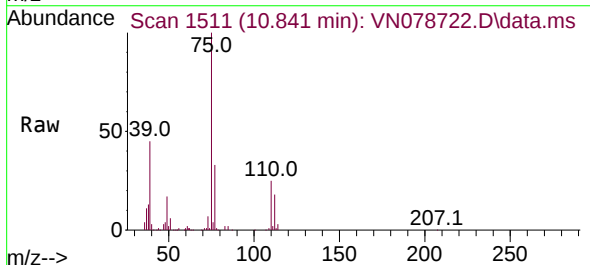
Tgt Ion: 43 Resp: 17967
Ion Ratio Lower Upper
43 100
55 26.7 21.5 32.3

Manual Integrations
APPROVED

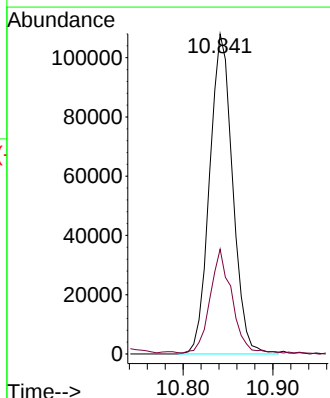
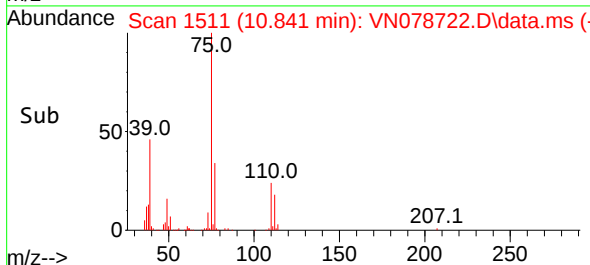
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

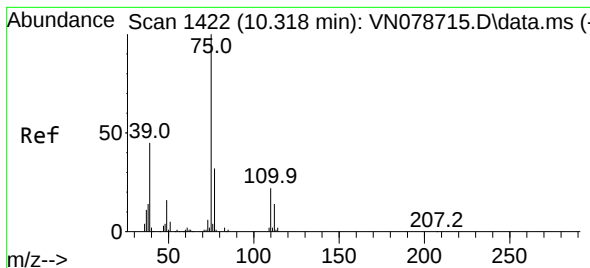


#48
t-1,3-Dichloropropene
Concen: 19.467 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48



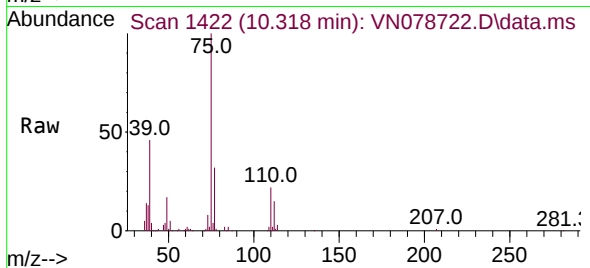
Tgt Ion: 75 Resp: 192739
Ion Ratio Lower Upper
75 100
77 32.4 26.1 39.1





#49
 cis-1,3-Dichloropropene
 Concen: 19.460 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078722.D
 Acq: 01 Aug 2023 17:48

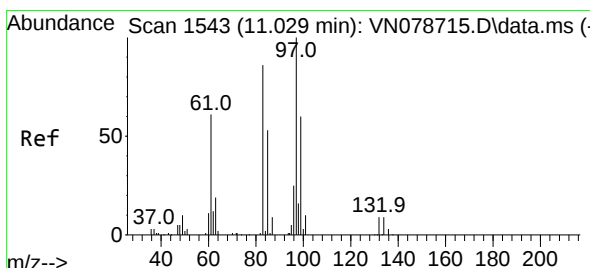
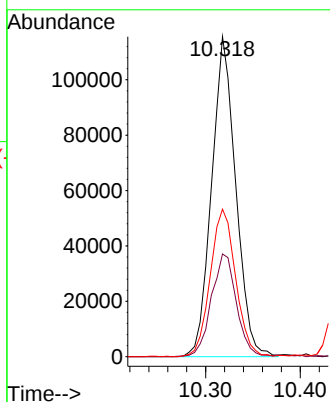
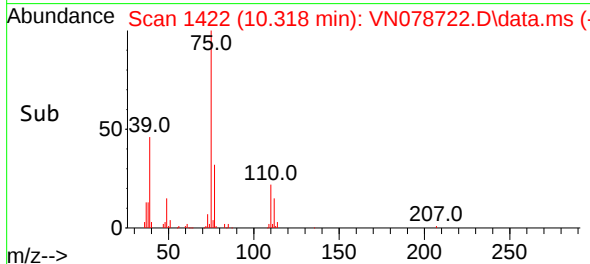
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0801WBS01



Tgt Ion: 75 Resp: 20464
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.0 36.0
 39 46.1 35.1 52.7

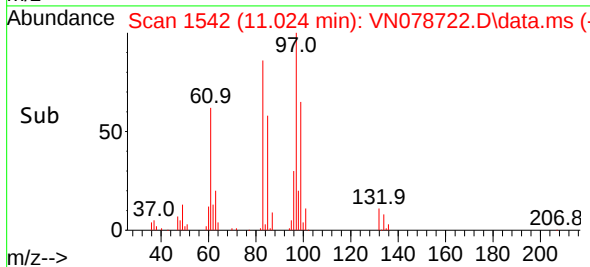
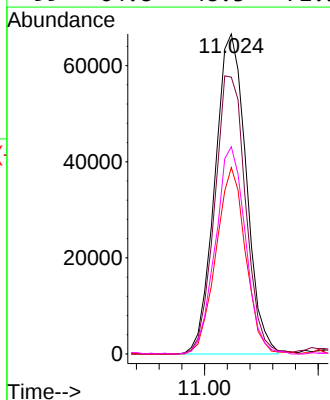
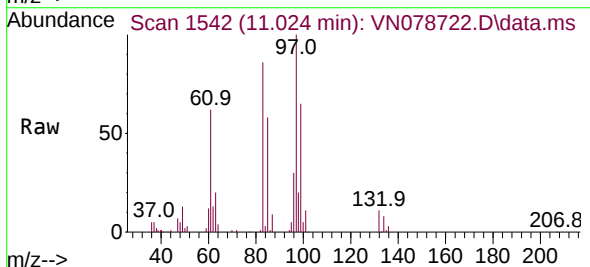
Manual Integrations
 APPROVED

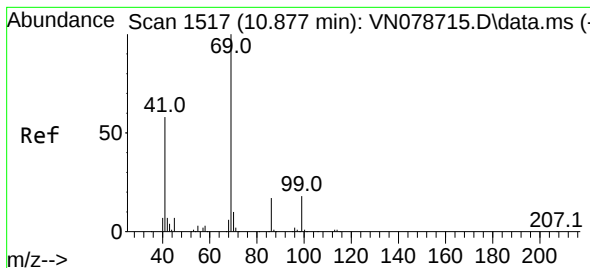
Reviewed By :John Carlone 08/02/2023
 Supervised By :Mahesh Dadoda 08/02/2023



#50
 1,1,2-Trichloroethane
 Concen: 19.403 ug/l
 RT: 11.024 min Scan# 1542
 Delta R.T. -0.005 min
 Lab File: VN078722.D
 Acq: 01 Aug 2023 17:48

Tgt Ion: 97 Resp: 127447
 Ion Ratio Lower Upper
 97 100
 83 86.5 66.8 100.2
 85 58.2 42.5 63.7
 99 64.8 48.3 72.5





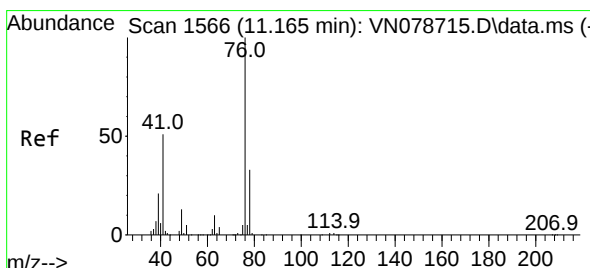
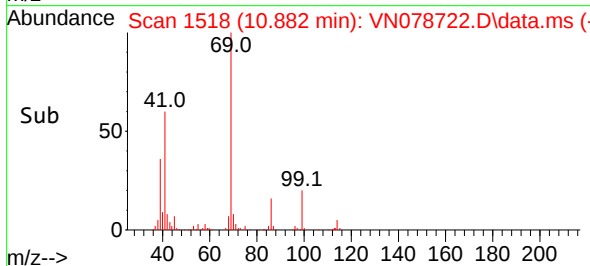
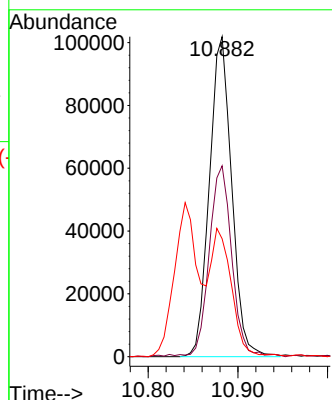
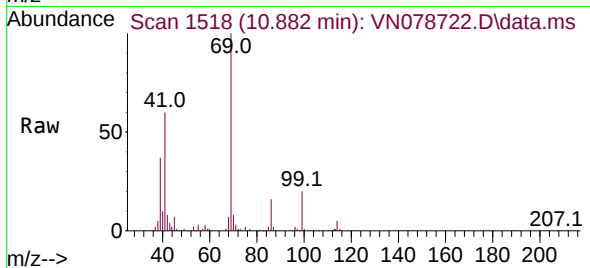
#51
Ethyl methacrylate
Concen: 19.570 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.005 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

Instrument :
MSVOA_N
ClientSampleId :
VN0801WBS01

Tgt Ion: 69 Resp: 17598
Ion Ratio Lower Upper
69 100
41 59.3 26.0 78.0
39 36.5 16.3 48.9

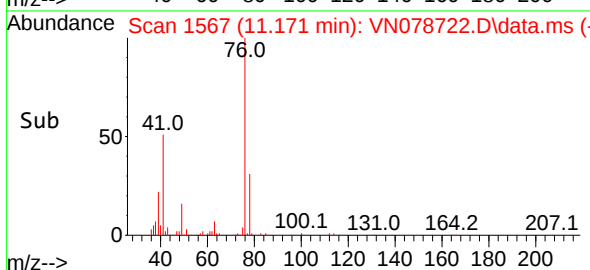
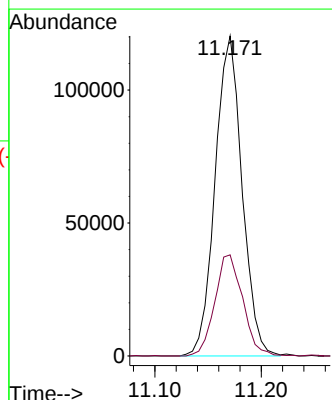
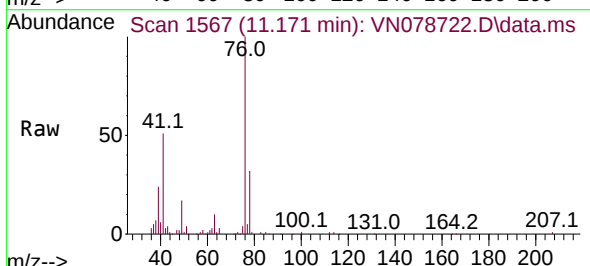
Manual Integrations
APPROVED

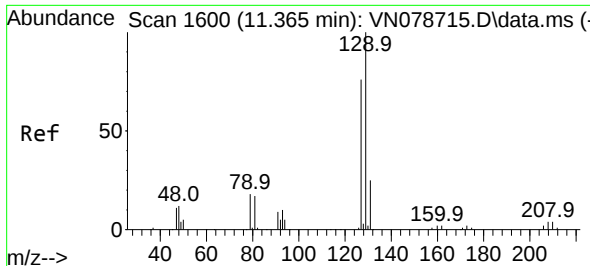
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#52
1,3-Dichloropropane
Concen: 17.912 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

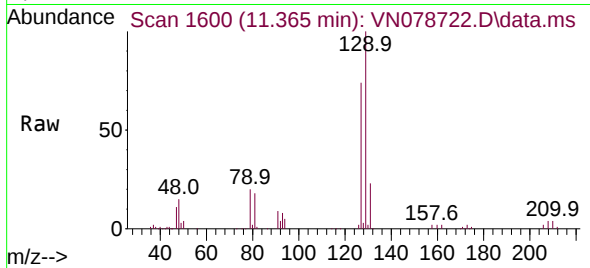
Tgt Ion: 76 Resp: 211455
Ion Ratio Lower Upper
76 100
78 32.7 0.0 66.2





#53
Dibromochloromethane
Concen: 19.619 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

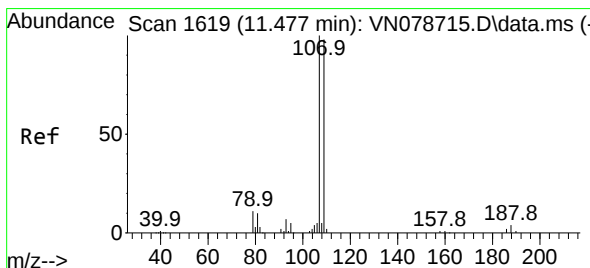
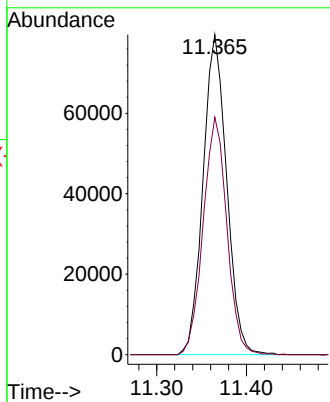
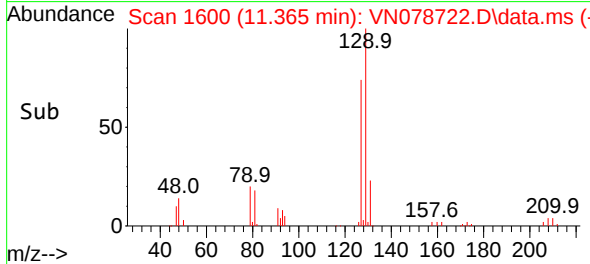
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBS01



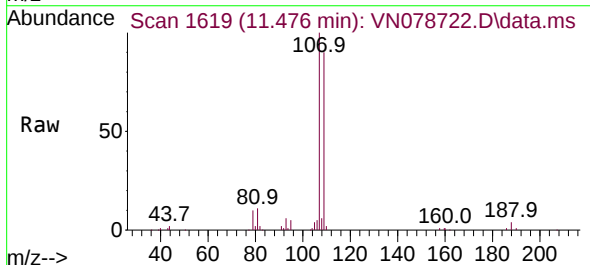
Tgt Ion:129 Resp: 14557
Ion Ratio Lower Upper
129 100
127 74.2 39.4 118.1

Manual Integrations
APPROVED

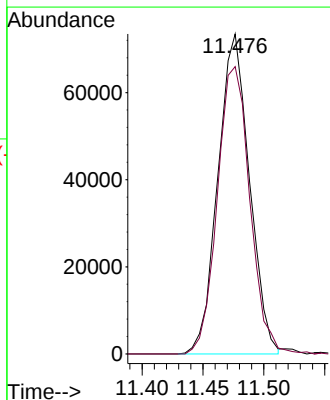
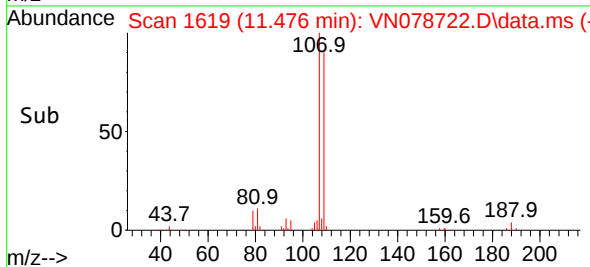
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

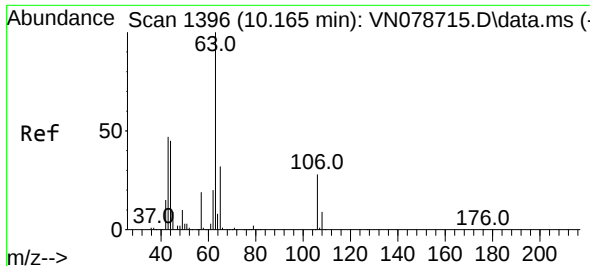


#54
1,2-Dibromoethane
Concen: 20.079 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.001 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48



Tgt Ion:107 Resp: 132434
Ion Ratio Lower Upper
107 100
109 92.6 74.6 112.0





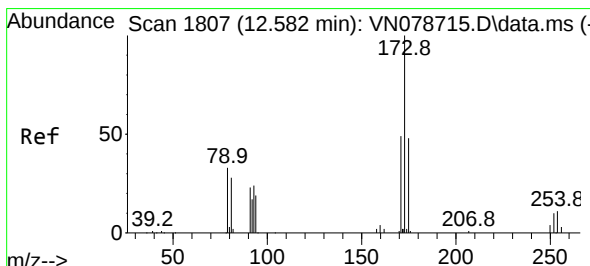
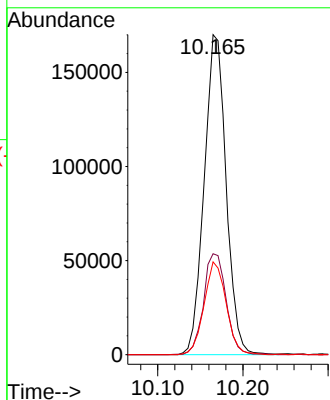
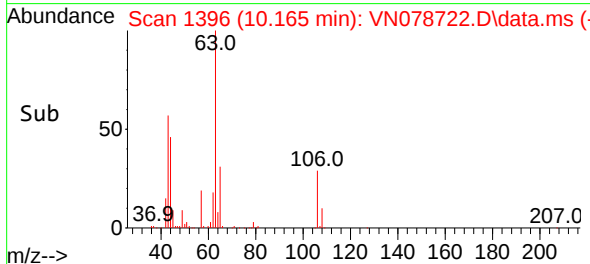
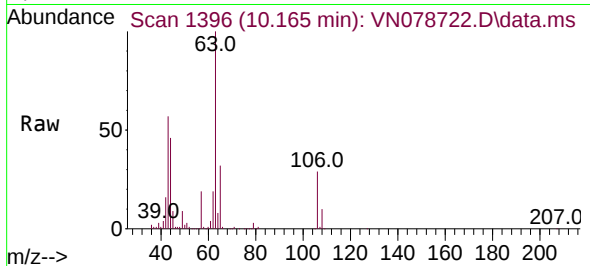
#55
2-Chloroethyl vinyl ether
Concen: 106.566 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

Instrument :
MSVOA_N
ClientSampleId :
VN0801WBS01

Tgt Ion: 63 Resp: 305360
Ion Ratio Lower Upper
63 100
65 32.2 26.3 39.5
106 29.2 23.8 35.6

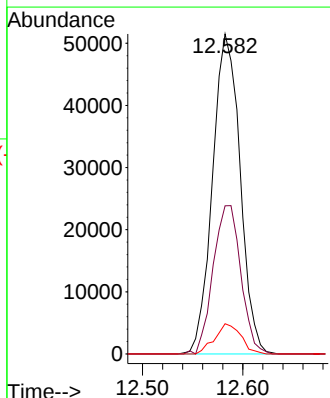
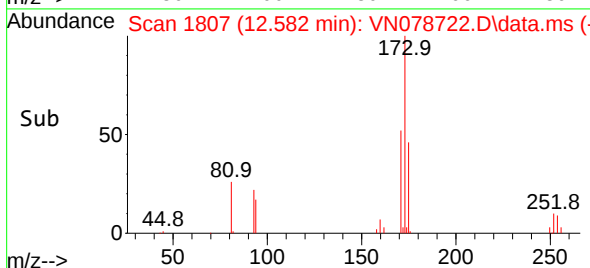
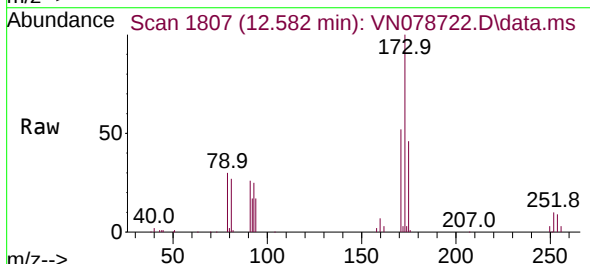
Manual Integrations
APPROVED

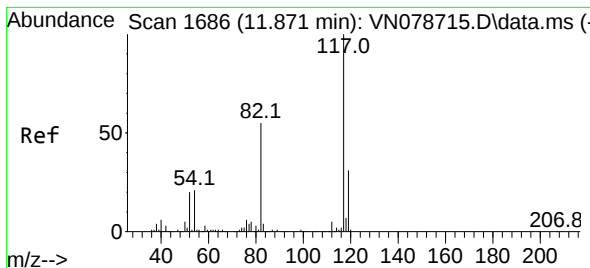
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#56
Bromoform
Concen: 20.209 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

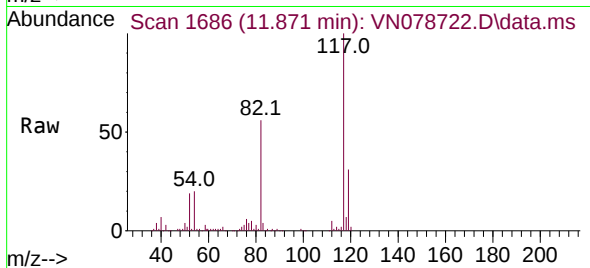
Tgt Ion:173 Resp: 98118
Ion Ratio Lower Upper
173 100
175 46.3 40.7 61.1
254 9.0 6.5 9.7





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

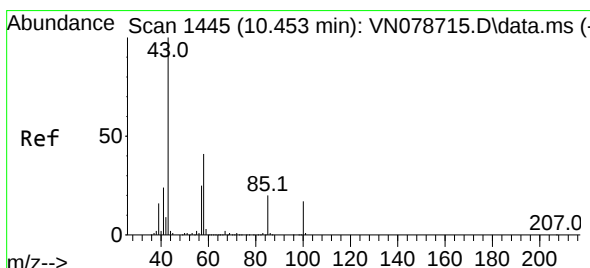
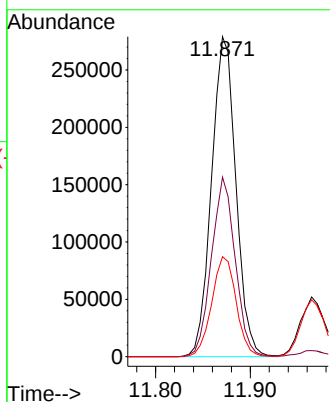
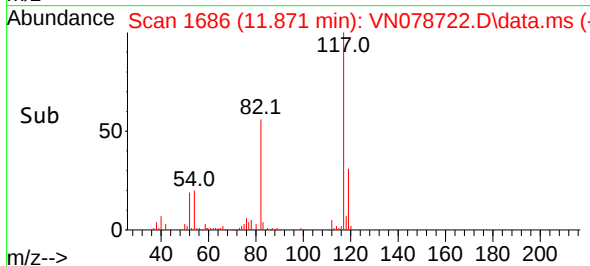
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBS01



Tgt Ion:117 Resp: 498400
Ion Ratio Lower Upper
117 100
82 54.7 43.9 65.9
119 31.4 26.2 39.4

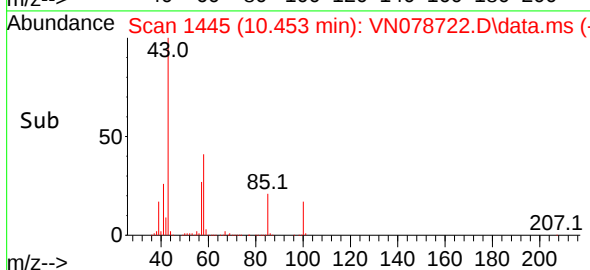
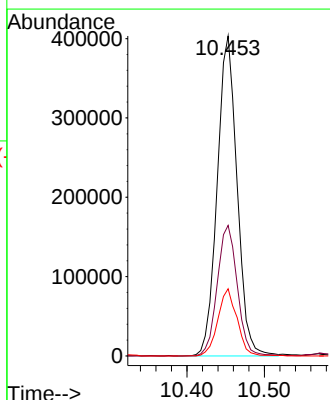
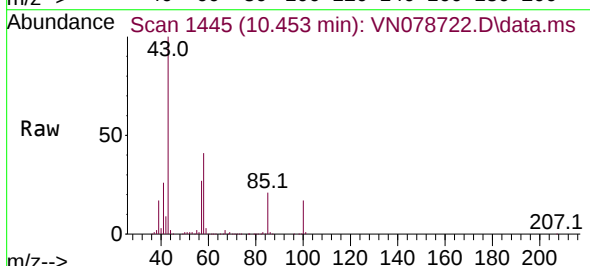
Manual Integrations
APPROVED

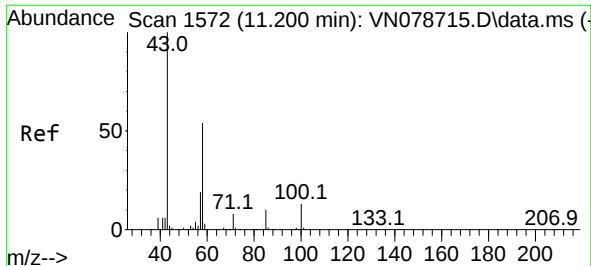
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#58
4-Methyl-2-Pentanone
Concen: 96.483 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

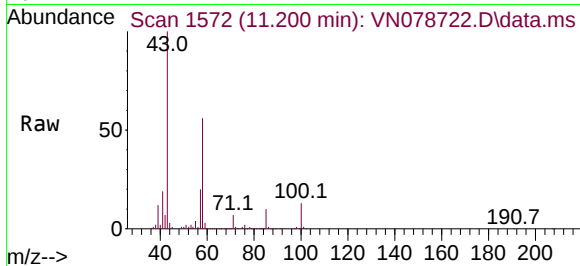
Tgt Ion: 43 Resp: 719763
Ion Ratio Lower Upper
43 100
58 41.3 32.6 48.8
85 20.2 16.2 24.2





#59
2-Hexanone
Concen: 88.656 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

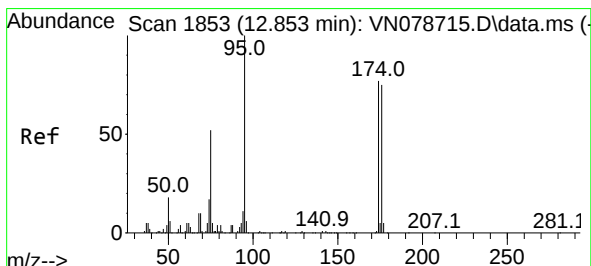
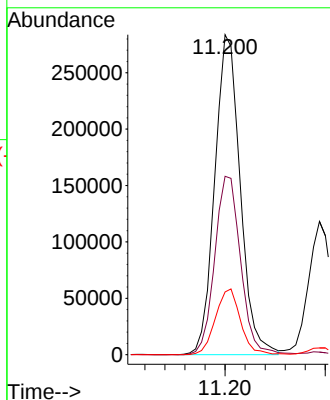
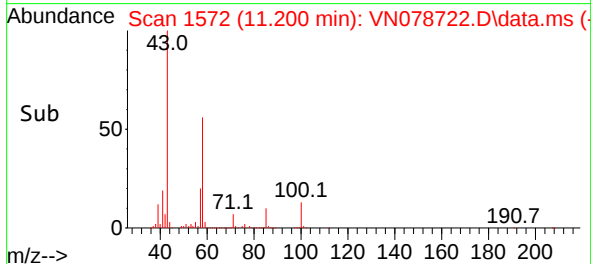
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBS01



Tgt Ion: 43 Resp: 500772
Ion Ratio Lower Upper
43 100
58 56.7 45.9 68.9
57 20.1 15.8 23.6

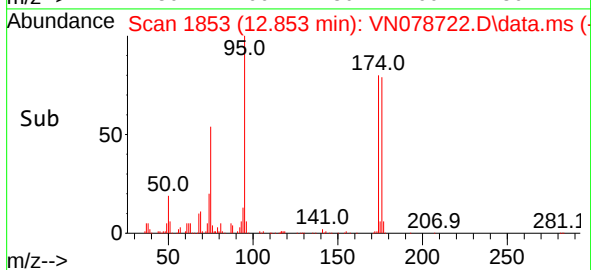
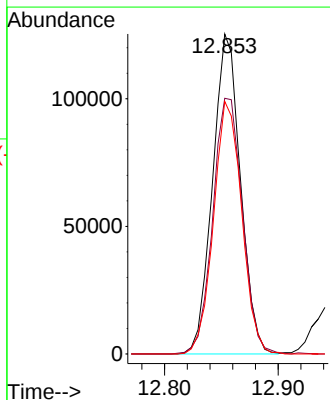
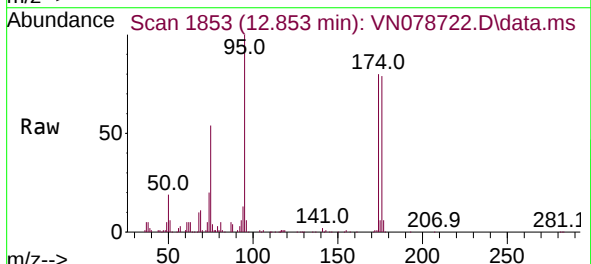
Manual Integrations
APPROVED

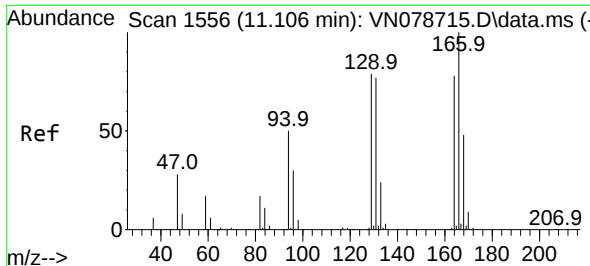
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#60
4-Bromofluorobenzene
Concen: 28.561 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

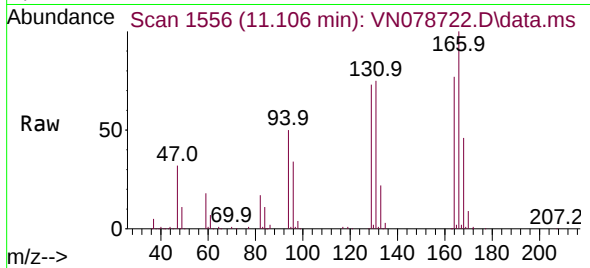
Tgt Ion: 95 Resp: 213332
Ion Ratio Lower Upper
95 100
174 85.0 61.7 92.5
176 79.9 58.1 87.1





#61
Tetrachloroethene
Concen: 17.582 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

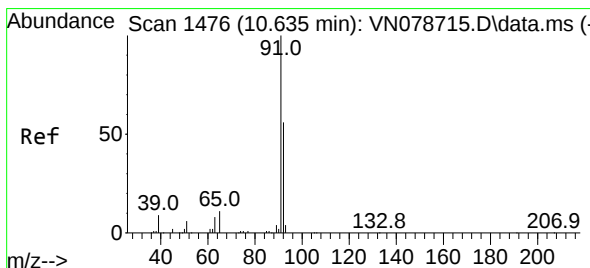
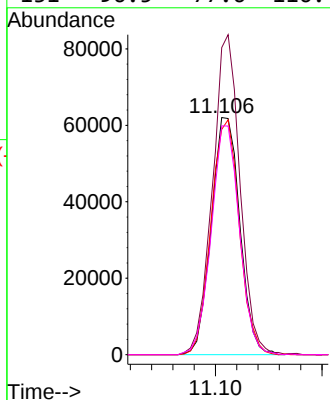
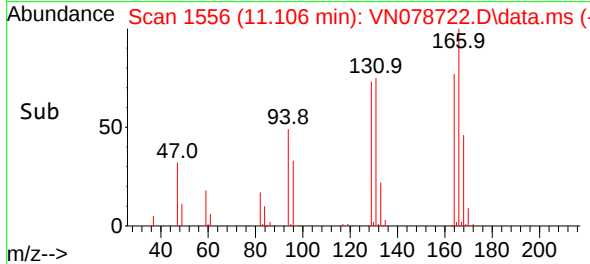
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBS01



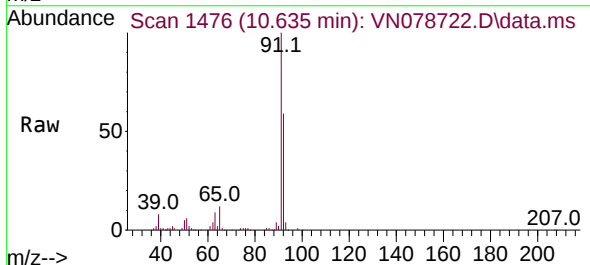
Tgt Ion:164 Resp: 115228
Ion Ratio Lower Upper
164 100
166 129.5 99.1 148.7
129 95.1 85.6 128.4
131 96.5 77.6 116.4

Manual Integrations
APPROVED

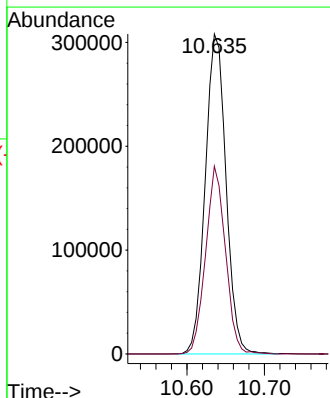
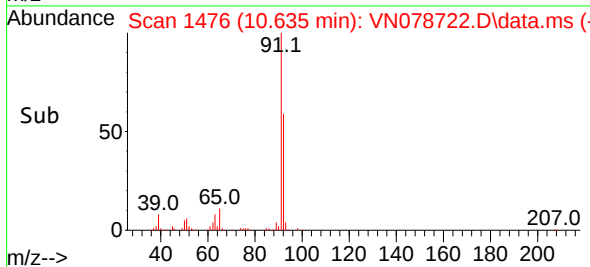
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

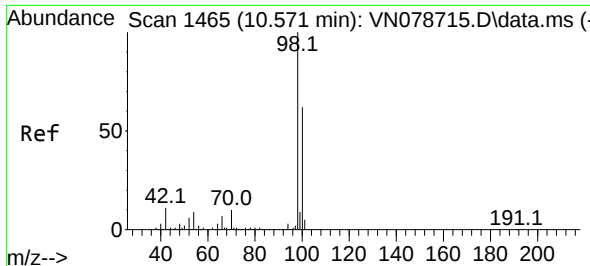


#62
Toluene
Concen: 19.119 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48



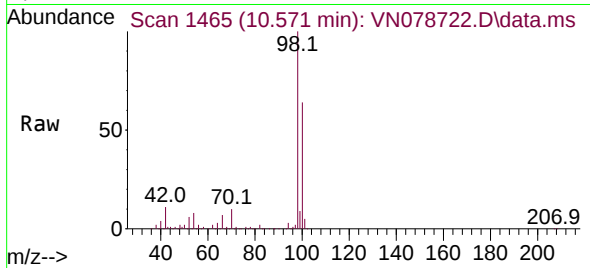
Tgt Ion: 91 Resp: 573168
Ion Ratio Lower Upper
91 100
92 56.1 45.2 67.8





#63
Toluene-d8
Concen: 29.151 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

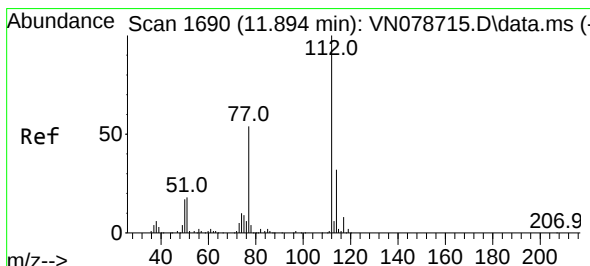
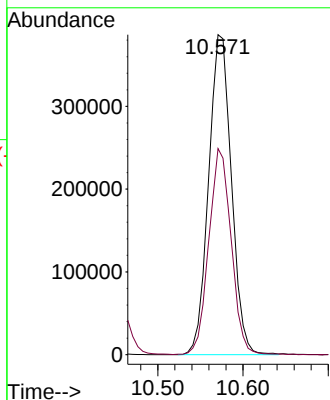
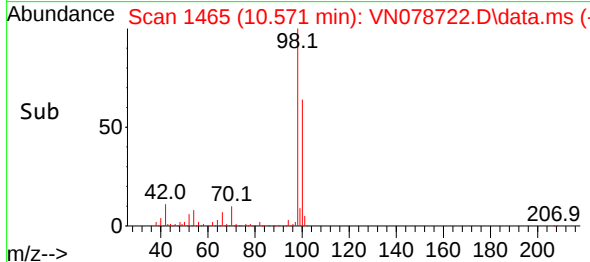
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBS01



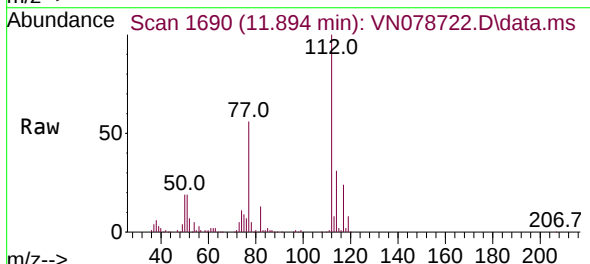
Tgt Ion: 98 Resp: 71772
Ion Ratio Lower Upper
98 100
100 63.2 49.7 74.5

Manual Integrations
APPROVED

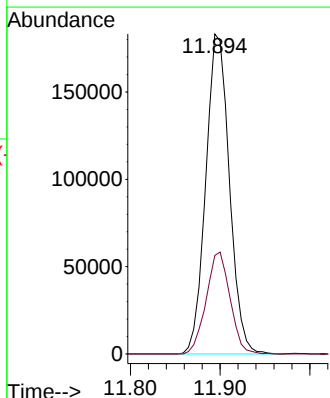
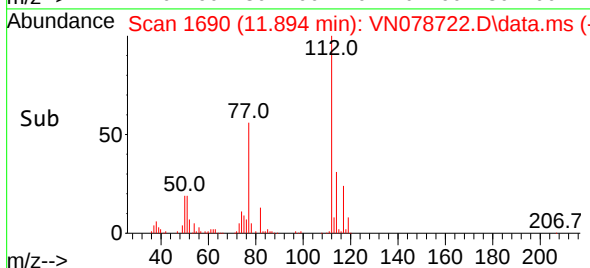
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

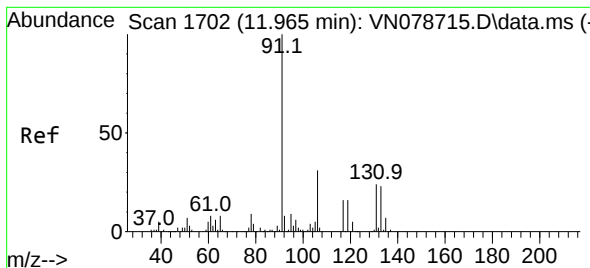


#64
Chlorobenzene
Concen: 19.152 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48



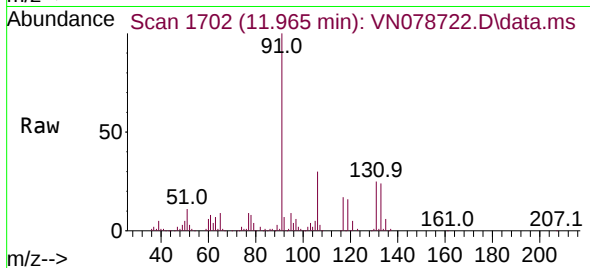
Tgt Ion:112 Resp: 335224
Ion Ratio Lower Upper
112 100
114 30.8 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 19.634 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

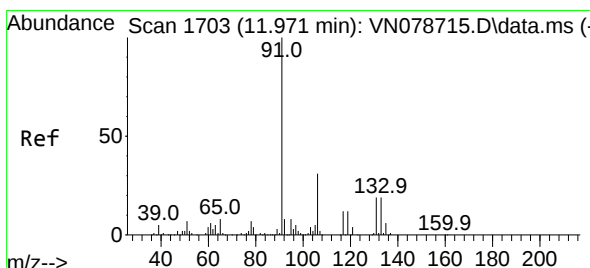
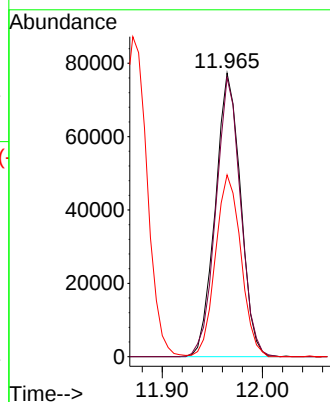
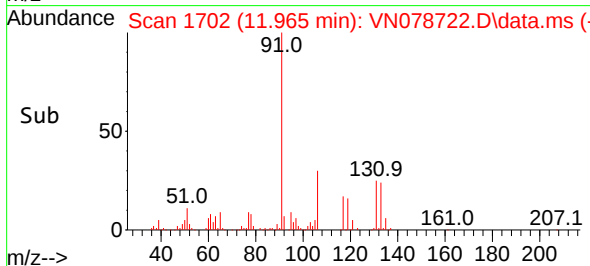
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBS01



Tgt Ion:131 Resp: 135534
Ion Ratio Lower Upper
131 100
133 96.2 0.0 191.8
119 64.6 0.0 132.0

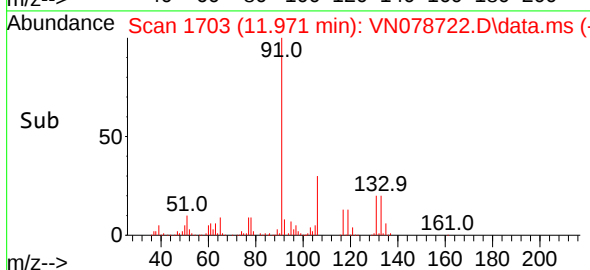
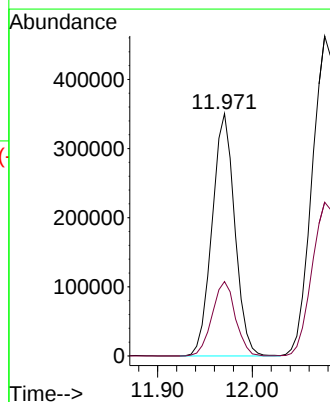
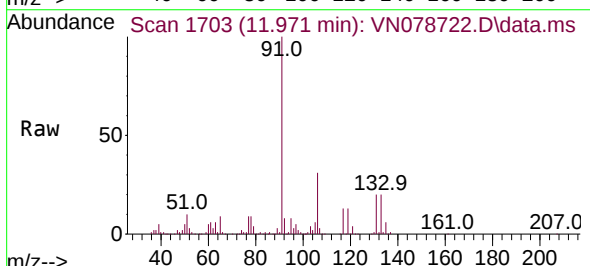
Manual Integrations
APPROVED

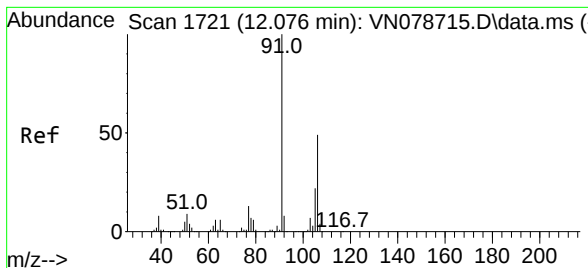
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#66
Ethyl Benzene
Concen: 19.282 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

Tgt Ion: 91 Resp: 582596
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4





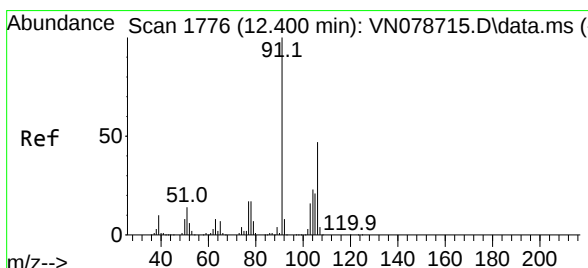
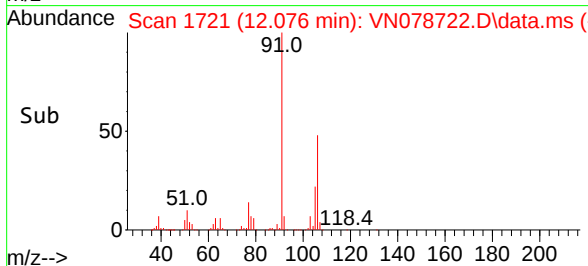
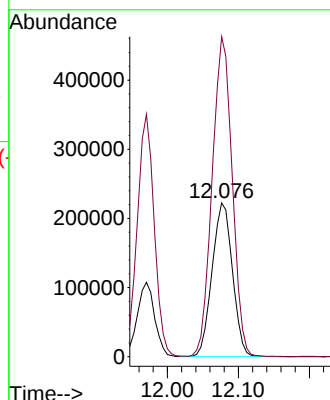
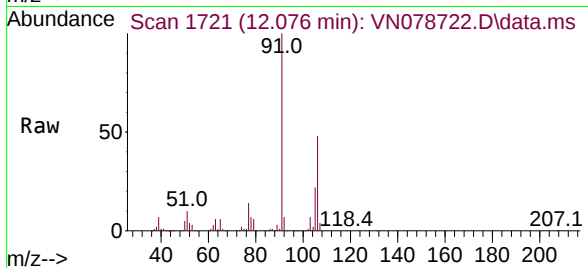
#67
m/p-Xylenes
Concen: 38.301 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

Instrument :
MSVOA_N
ClientSampleId :
VN0801WBS01

Tgt Ion:106 Resp: 442040
Ion Ratio Lower Upper
106 100
91 205.3 162.5 243.7

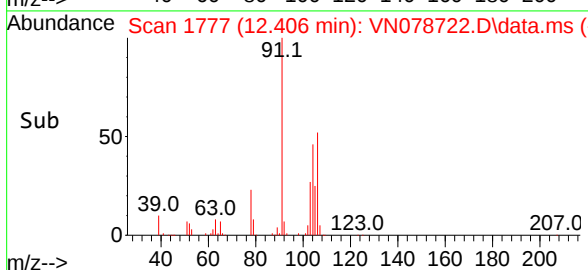
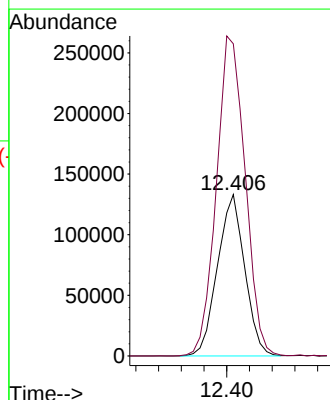
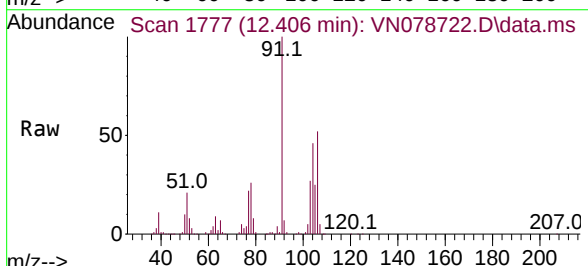
Manual Integrations
APPROVED

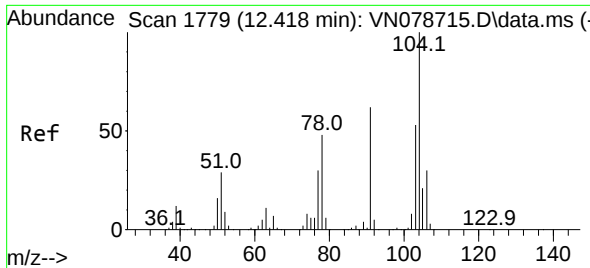
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#68
o-Xylene
Concen: 18.856 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

Tgt Ion:106 Resp: 221442
Ion Ratio Lower Upper
106 100
91 209.7 106.1 318.3





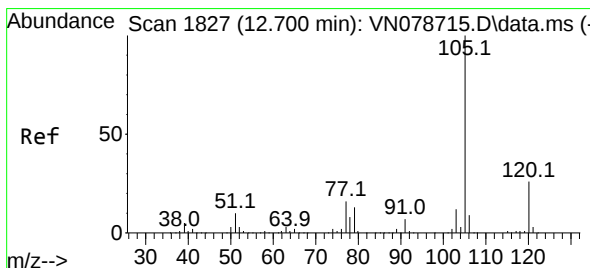
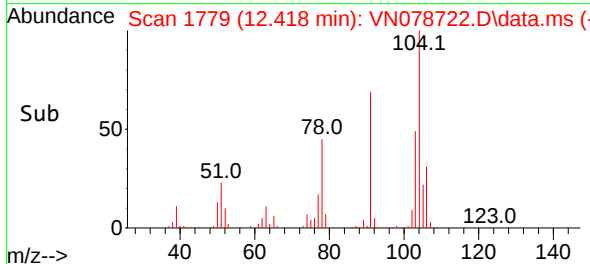
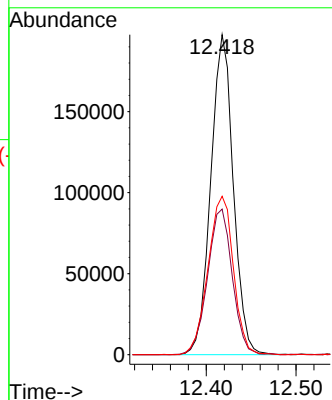
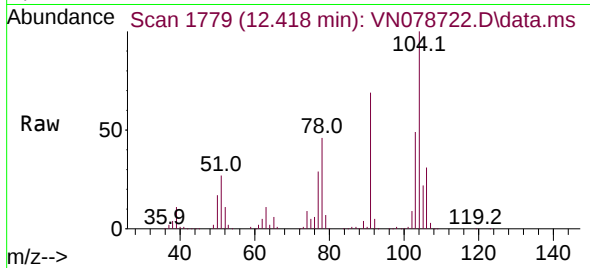
#69
Styrene
Concen: 18.226 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

Instrument :
MSVOA_N
ClientSampleId :
VN0801WBS01

Tgt Ion:104 Resp: 344390
Ion Ratio Lower Upper
104 100
78 49.8 40.1 60.1
103 55.8 45.1 67.7

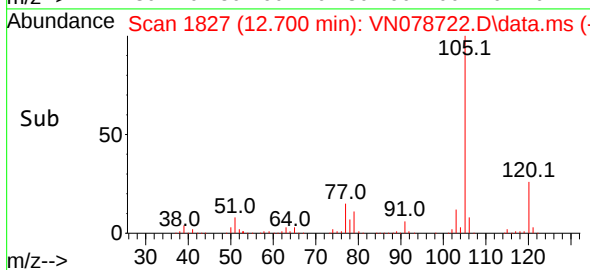
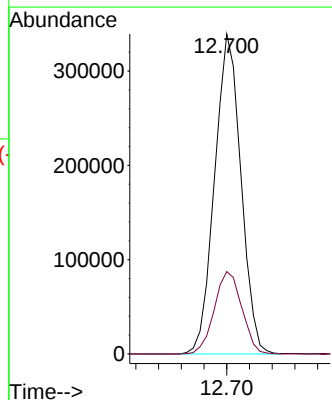
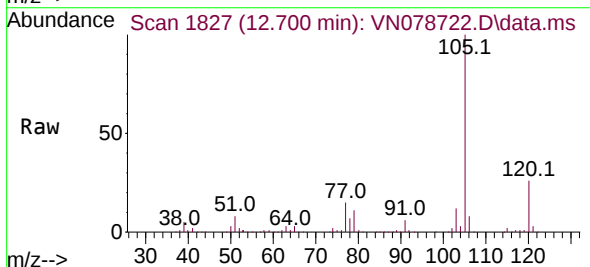
Manual Integrations
APPROVED

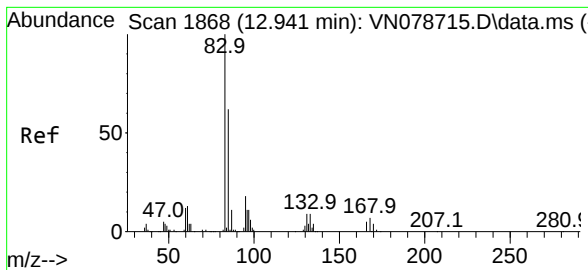
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#70
Isopropylbenzene
Concen: 18.810 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

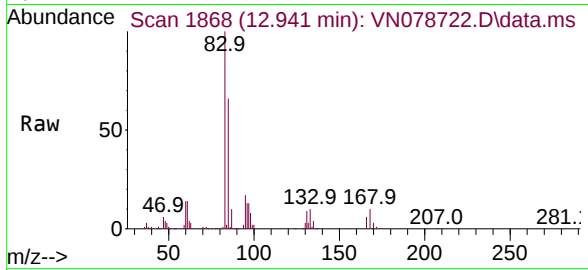
Tgt Ion:105 Resp: 546452
Ion Ratio Lower Upper
105 100
120 26.8 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 19.639 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

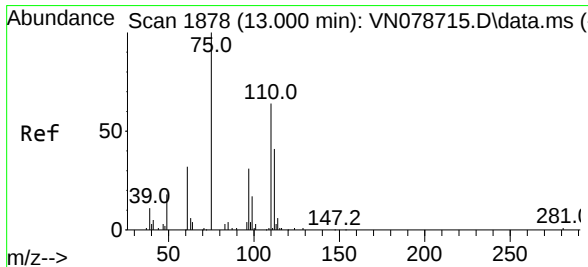
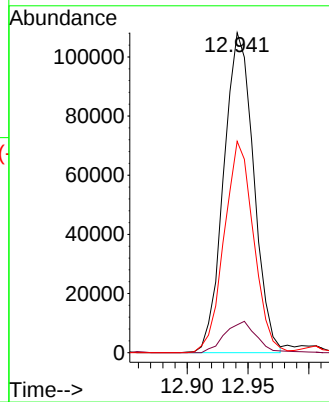
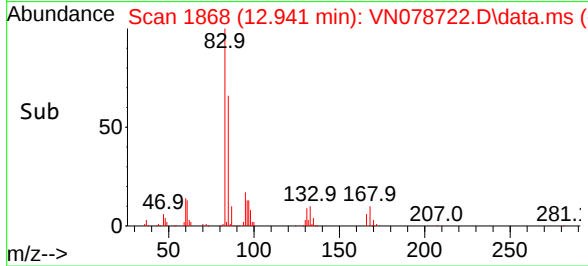
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBS01



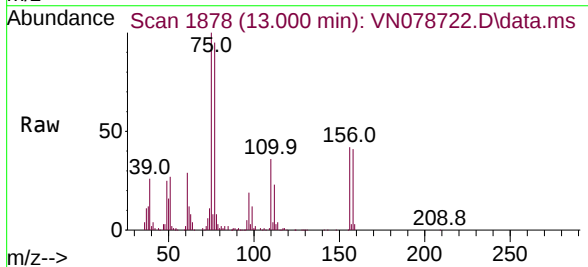
Tgt Ion: 83 Resp: 18533
Ion Ratio Lower Upper
83 100
131 10.5 4.8 14.4
85 65.0 32.6 98.0

Manual Integrations
APPROVED

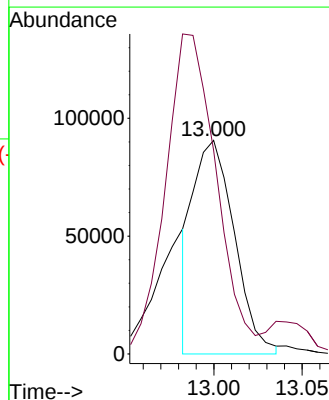
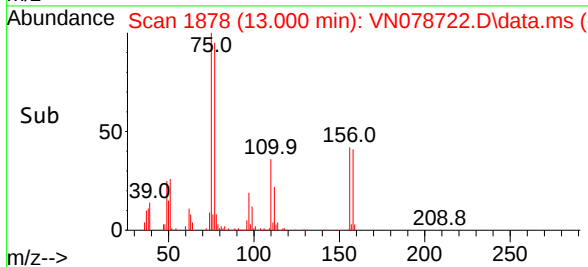
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

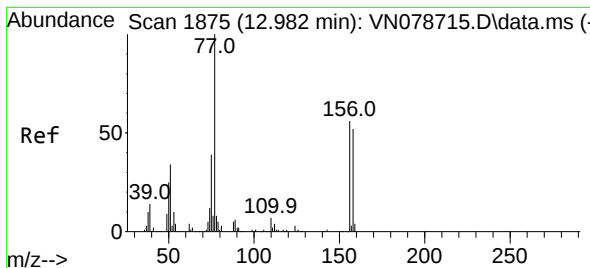


#72
1,2,3-Trichloropropane
Concen: 18.538 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48



Tgt Ion: 75 Resp: 146760
Ion Ratio Lower Upper
75 100
77 185.9 0.0 387.4





#73

Bromobenzene

Concen: 19.225 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN078722.D

Acq: 01 Aug 2023 17:48

Instrument :

MSVOA_N

ClientSampleId :

VN0801WBS01

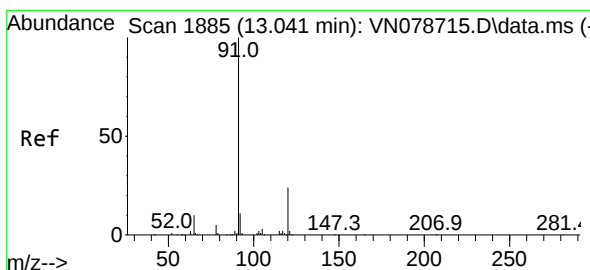
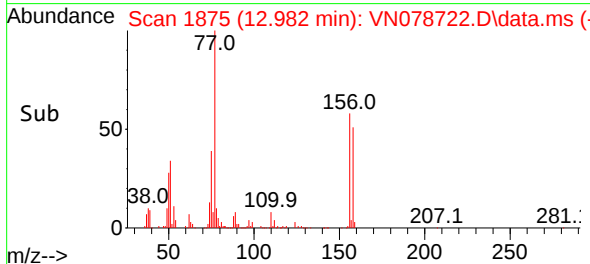
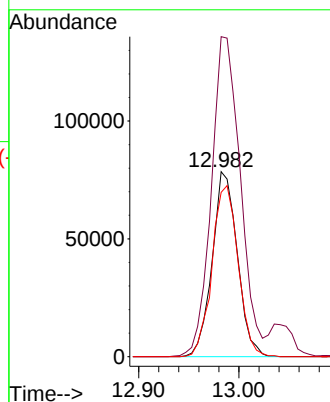
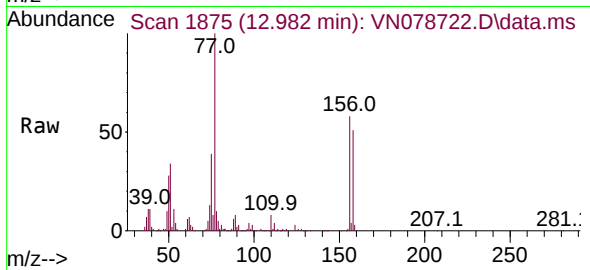
Tgt Ion:	156	Resp:	13689
Ion Ratio	Lower	Upper	
156	100		
77	199.3	0.0	420.8
158	96.0	0.0	193.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#74

n-propylbenzene

Concen: 19.045 ug/l

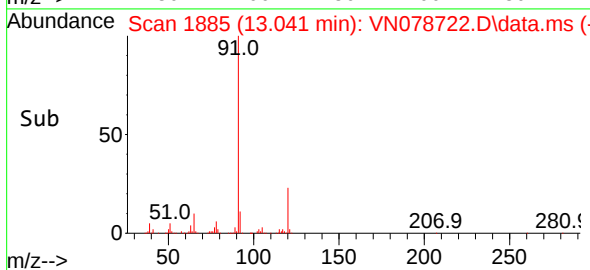
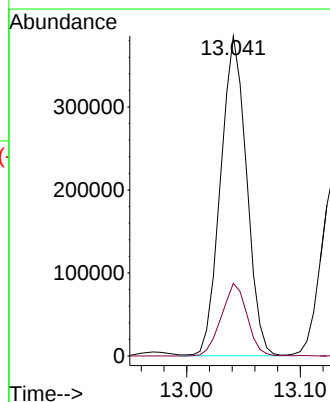
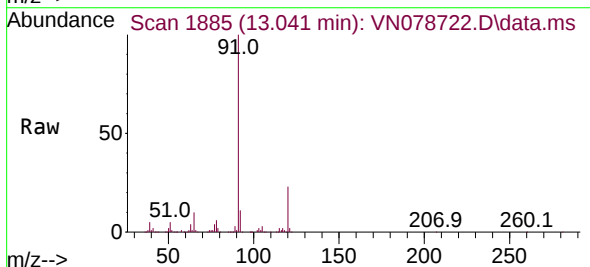
RT: 13.041 min Scan# 1885

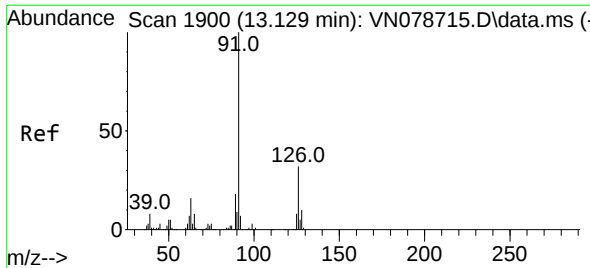
Delta R.T. 0.000 min

Lab File: VN078722.D

Acq: 01 Aug 2023 17:48

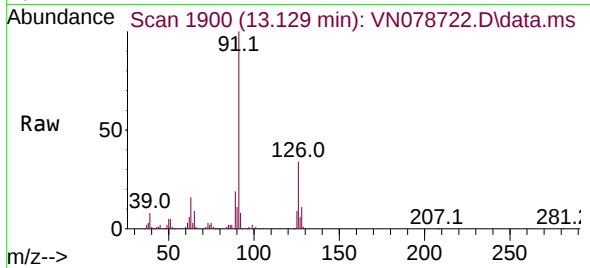
Tgt Ion:	91	Resp:	613232
Ion Ratio	Lower	Upper	
91	100		
120	22.4	0.0	44.6





#75
2-Chlorotoluene
Concen: 17.663 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

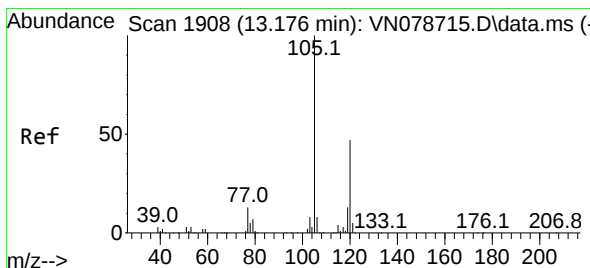
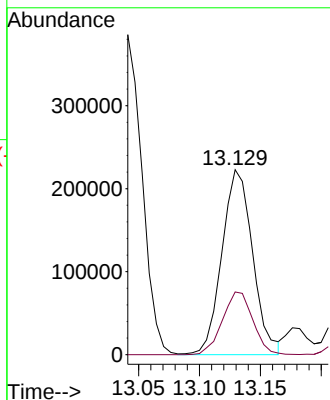
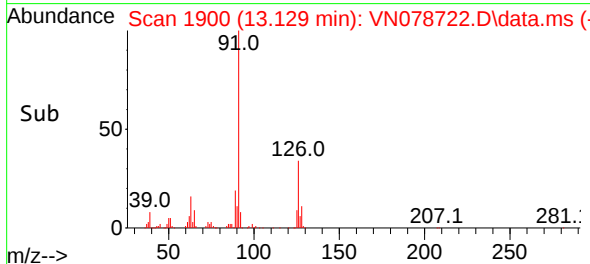
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBS01



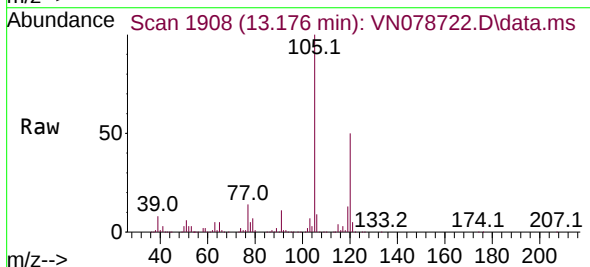
Tgt Ion: 91 Resp: 392770
Ion Ratio Lower Upper
91 100
126 33.5 0.0 67.2

Manual Integrations
APPROVED

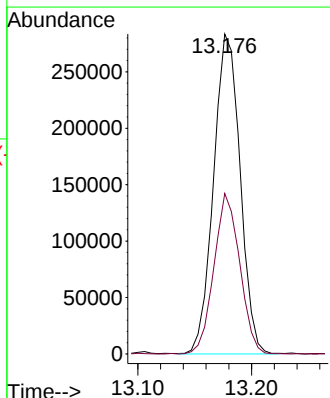
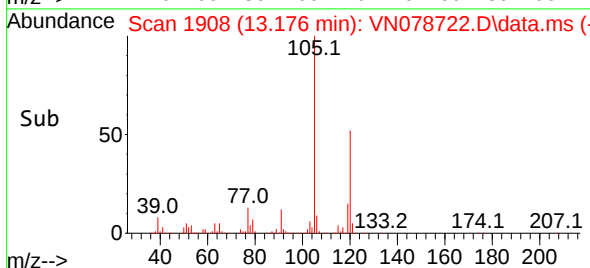
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

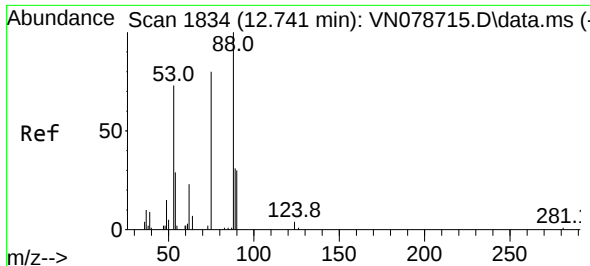


#76
1,3,5-Trimethylbenzene
Concen: 17.785 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48



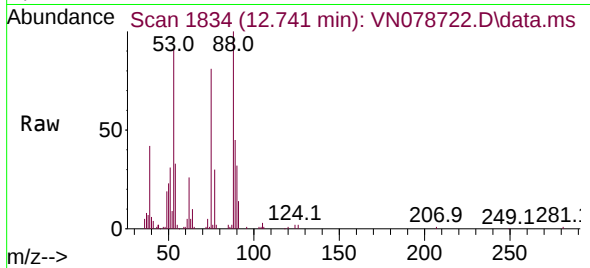
Tgt Ion:105 Resp: 461313
Ion Ratio Lower Upper
105 100
120 48.6 0.0 97.2





#77
t-1,4-Dichloro-2-butene
Concen: 18.449 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

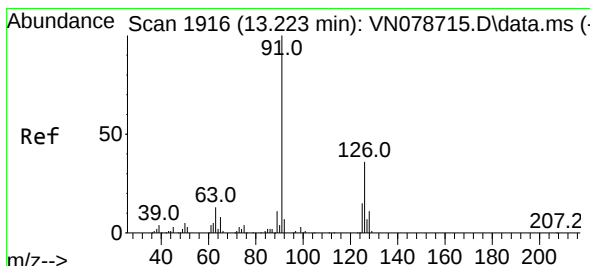
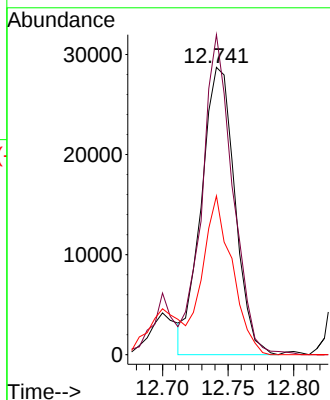
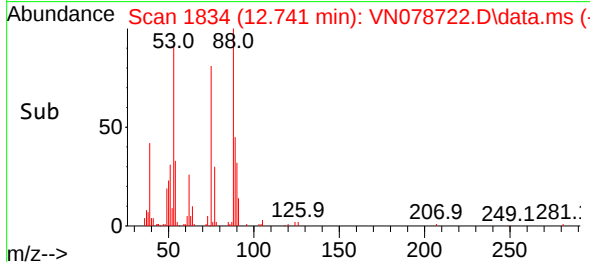
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBS01



Tgt Ion: 75 Resp: 51044
Ion Ratio Lower Upper
75 100
53 110.2 41.6 124.9
89 55.3 25.1 75.4

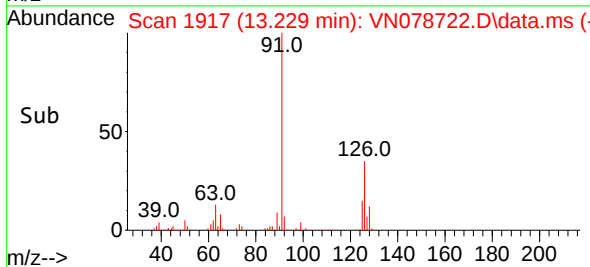
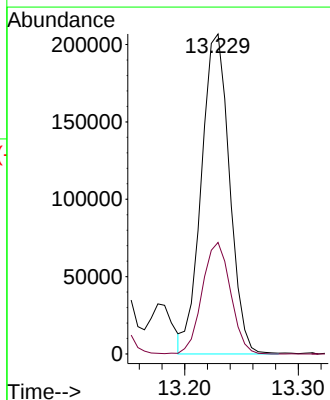
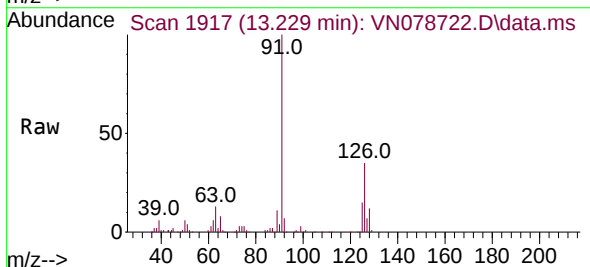
Manual Integrations
APPROVED

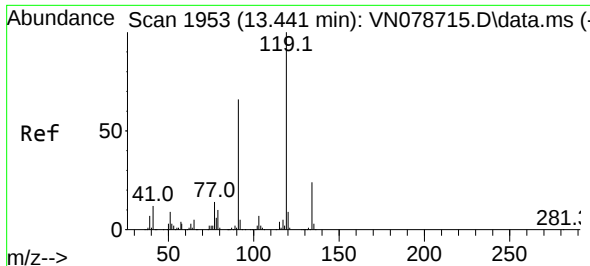
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#78
4-Chlorotoluene
Concen: 16.589 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

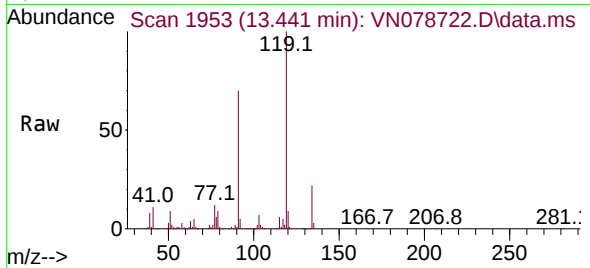
Tgt Ion: 91 Resp: 356184
Ion Ratio Lower Upper
91 100
126 35.0 0.0 68.8





#79
tert-butylbenzene
Concen: 17.098 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

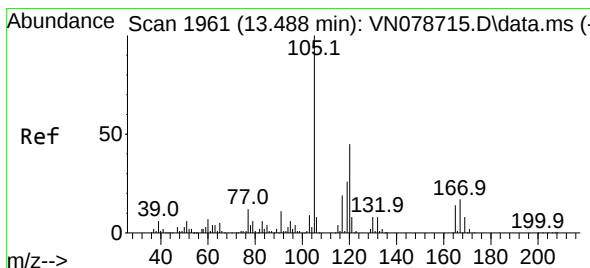
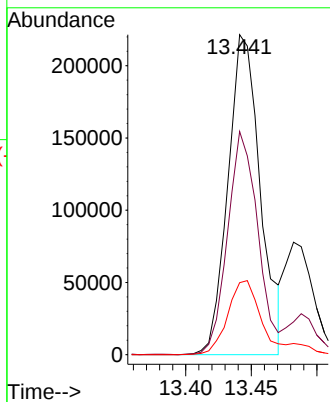
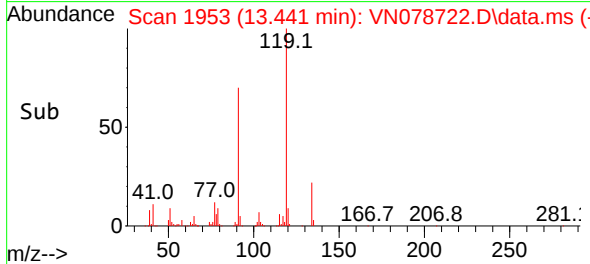
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBS01



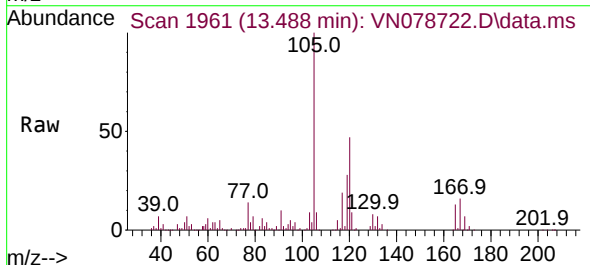
Tgt Ion:119 Resp: 381710
Ion Ratio Lower Upper
119 100
91 65.1 0.0 126.6
134 23.5 0.0 44.0

Manual Integrations
APPROVED

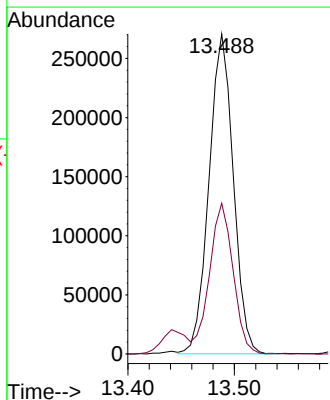
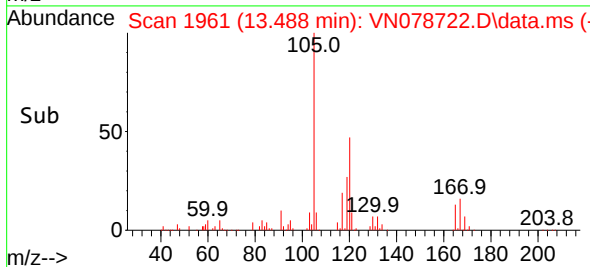
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

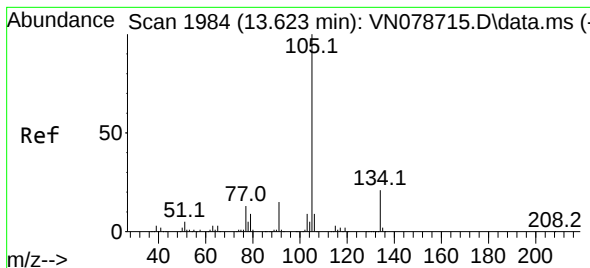


#80
1,2,4-Trimethylbenzene
Concen: 17.323 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48



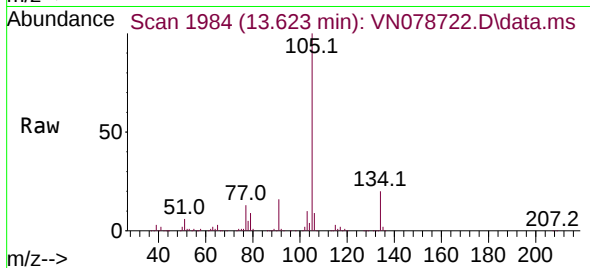
Tgt Ion:105 Resp: 429128
Ion Ratio Lower Upper
105 100
120 45.7 0.0 88.2





#81
 sec-Butylbenzene
 Concen: 16.588 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078722.D
 Acq: 01 Aug 2023 17:48

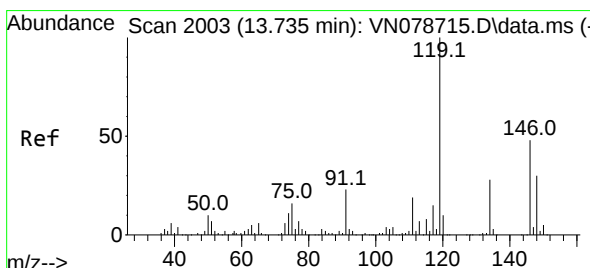
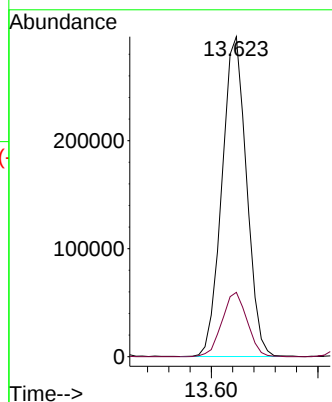
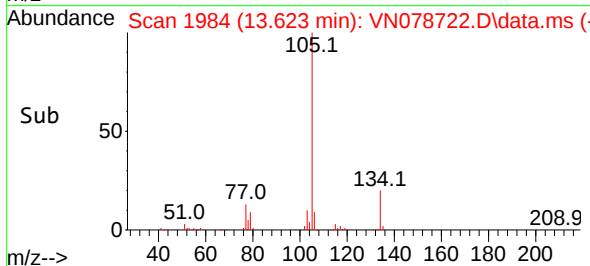
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0801WBS01



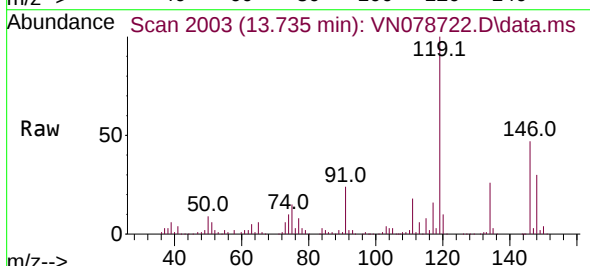
Tgt Ion:105 Resp: 47466
 Ion Ratio Lower Upper
 105 100
 134 20.6 0.0 38.6

Manual Integrations
 APPROVED

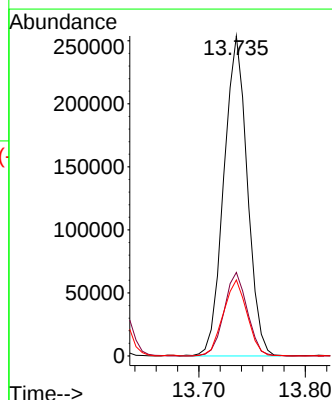
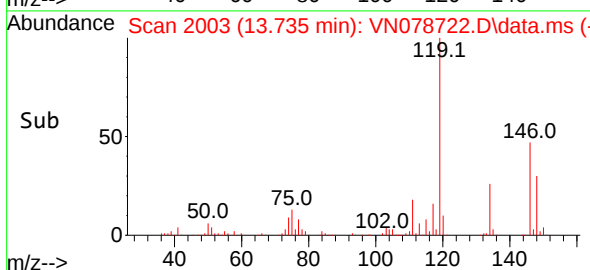
Reviewed By :John Carlone 08/02/2023
 Supervised By :Mahesh Dadoda 08/02/2023

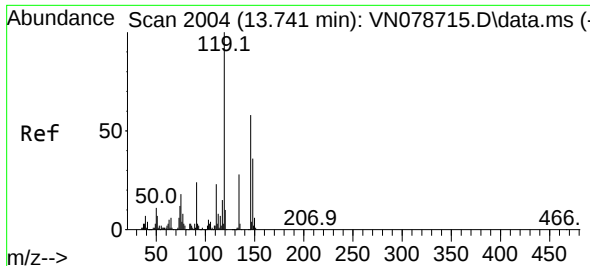


#82
 p-Isopropyltoluene
 Concen: 16.515 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078722.D
 Acq: 01 Aug 2023 17:48



Tgt Ion:119 Resp: 387973
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.4
 91 24.2 0.0 48.2





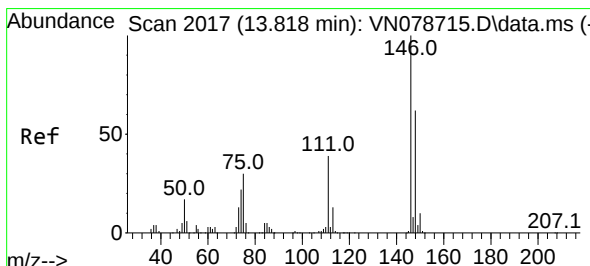
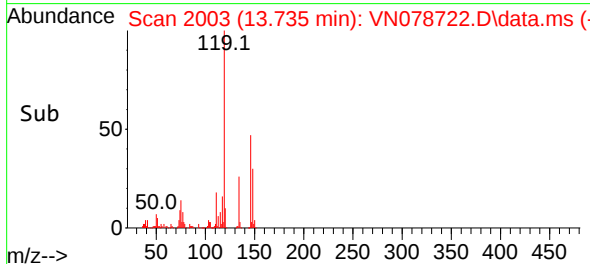
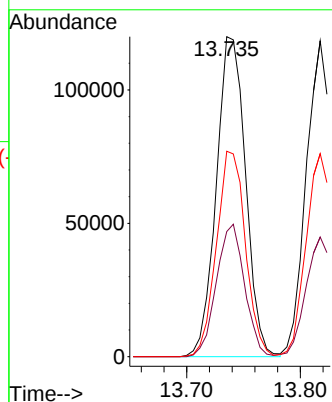
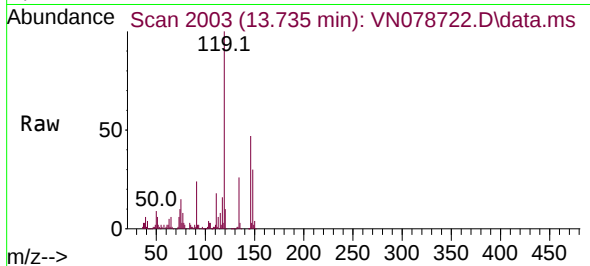
#83
1,3-Dichlorobenzene
Concen: 17.007 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

Instrument :
MSVOA_N
ClientSampleId :
VN0801WBS01

Tgt Ion:146 Resp: 214752
Ion Ratio Lower Upper
146 100
111 39.9 21.6 64.6
148 63.5 31.9 95.5

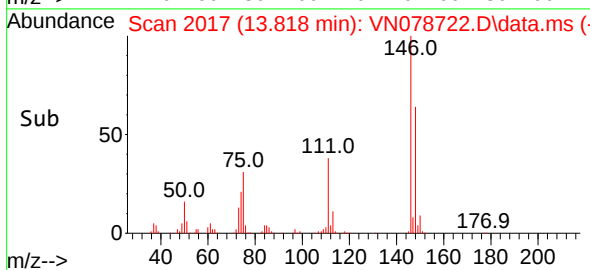
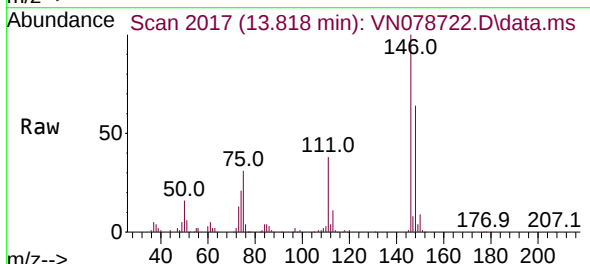
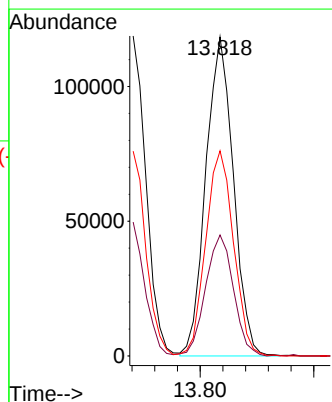
Manual Integrations
APPROVED

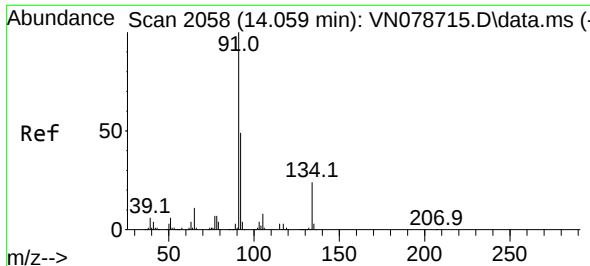
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#84
1,4-Dichlorobenzene
Concen: 16.898 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

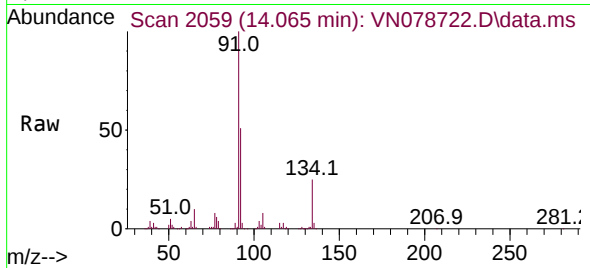
Tgt Ion:146 Resp: 199766
Ion Ratio Lower Upper
146 100
111 38.4 19.4 58.2
148 65.1 31.4 94.3





#85
n-Butylbenzene
Concen: 16.793 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

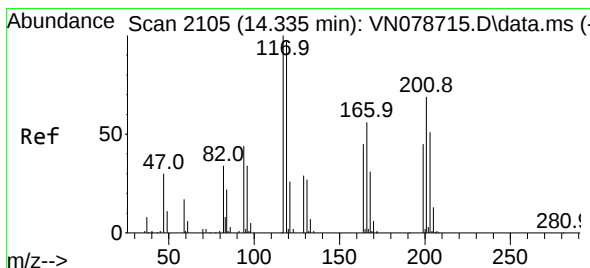
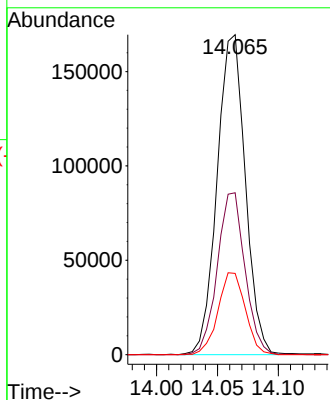
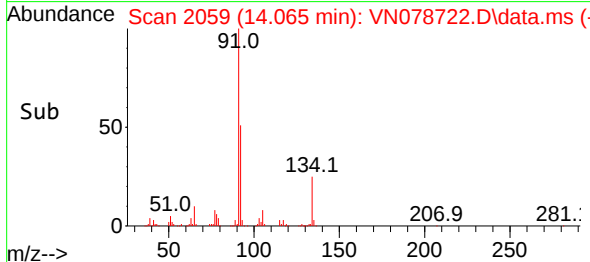
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBS01



Tgt Ion: 91 Resp: 273570
Ion Ratio Lower Upper
91 100
92 49.5 0.0 99.6
134 24.7 0.0 50.0

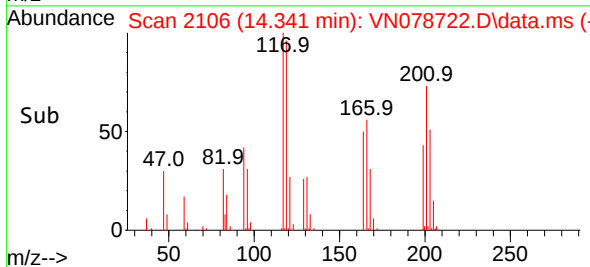
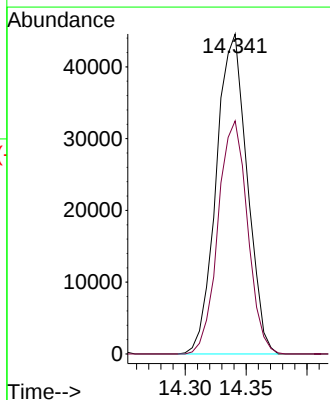
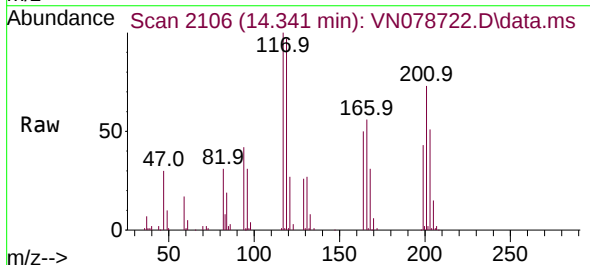
Manual Integrations
APPROVED

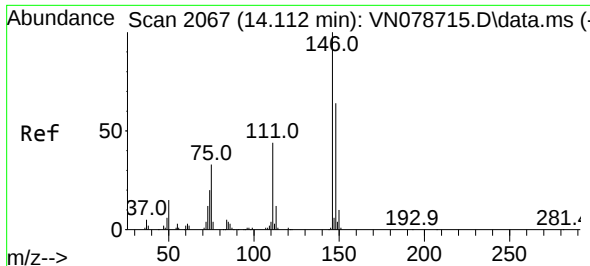
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#86
Hexachloroethane
Concen: 18.419 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

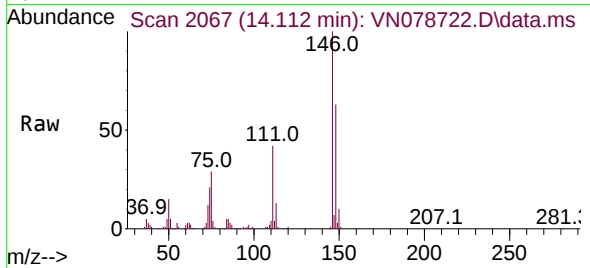
Tgt Ion:117 Resp: 78838
Ion Ratio Lower Upper
117 100
201 69.3 34.2 102.6





#87
1,2-Dichlorobenzene
Concen: 17.829 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

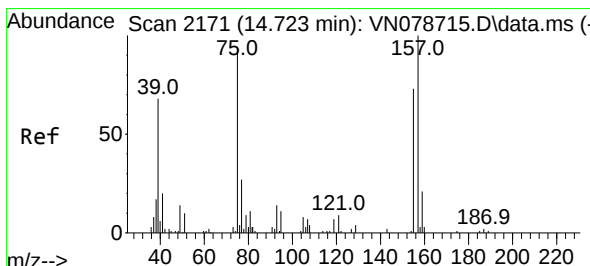
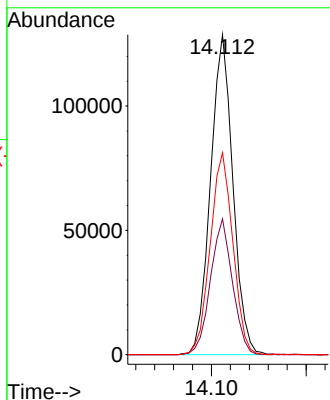
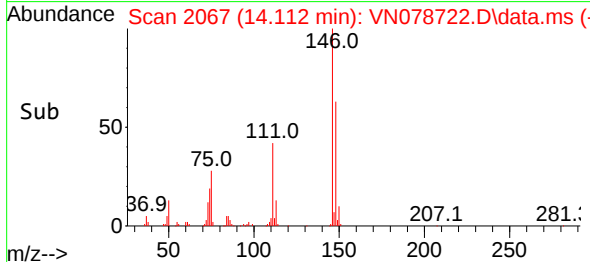
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBS01



Tgt Ion:146 Resp: 21071
Ion Ratio Lower Upper
146 100
111 41.8 22.4 67.3
148 64.1 33.4 100.1

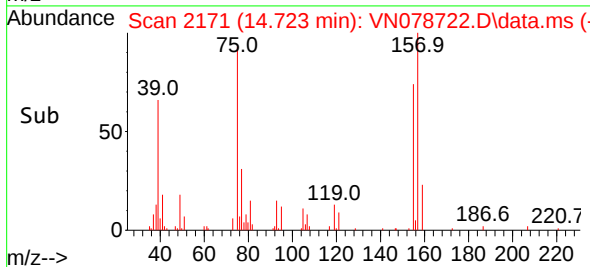
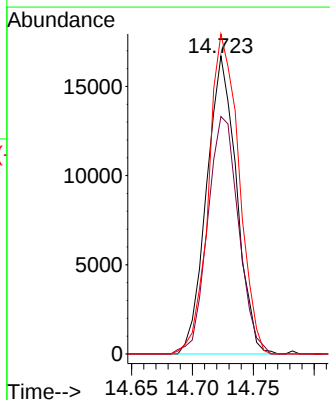
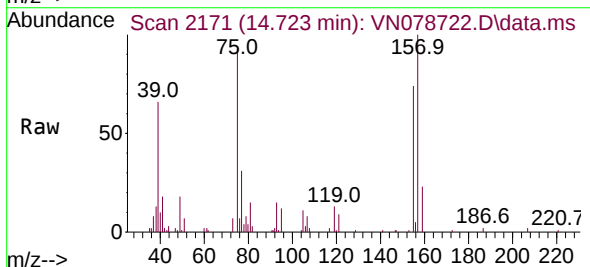
Manual Integrations
APPROVED

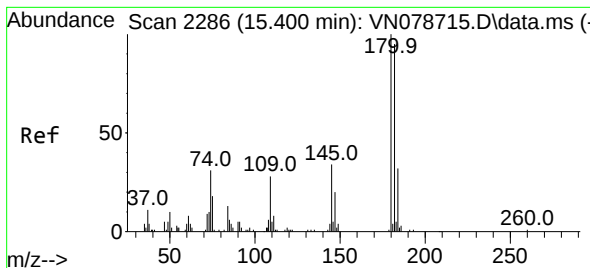
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.819 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

Tgt Ion: 75 Resp: 28558
Ion Ratio Lower Upper
75 100
155 82.6 68.2 102.2
157 108.7 84.7 127.1





#89

1,2,4-Trichlorobenzene

Concen: 15.690 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN078722.D

Acq: 01 Aug 2023 17:48

Instrument :

MSVOA_N

ClientSampleId :

VN0801WBS01

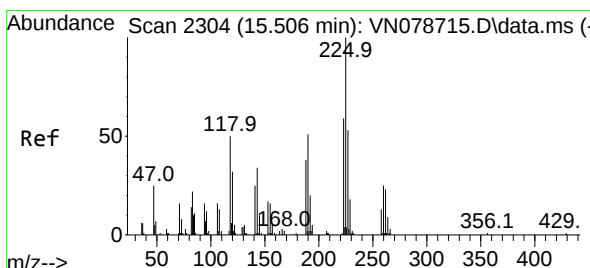
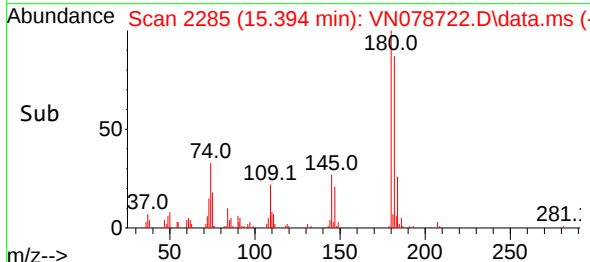
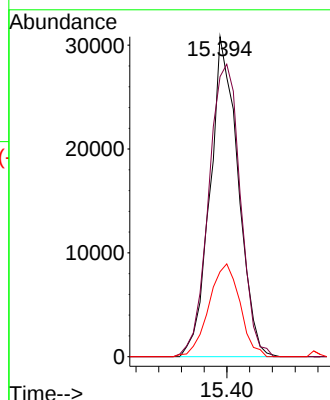
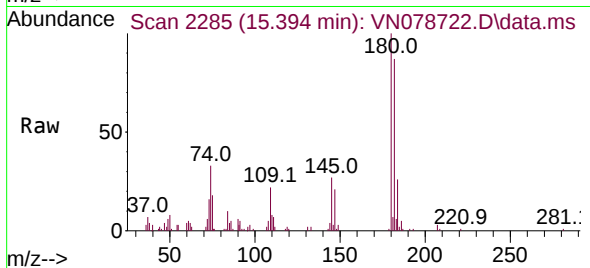
Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.9	73.7	110.5
145	32.0	25.0	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#90

Hexachlorobutadiene

Concen: 17.308 ug/l

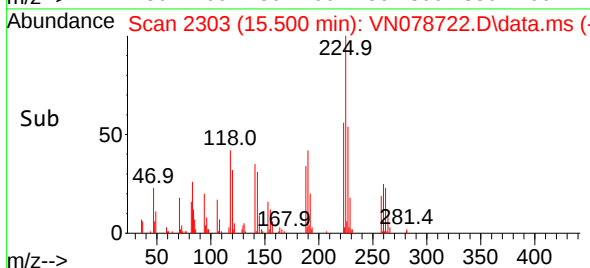
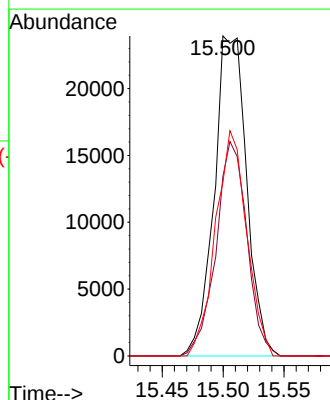
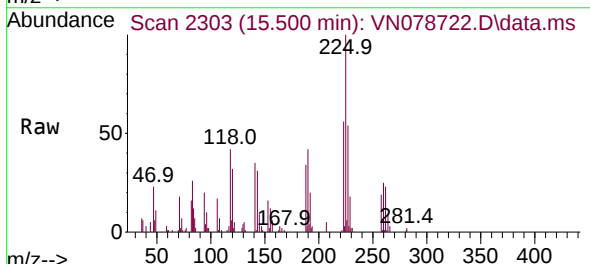
RT: 15.500 min Scan# 2303

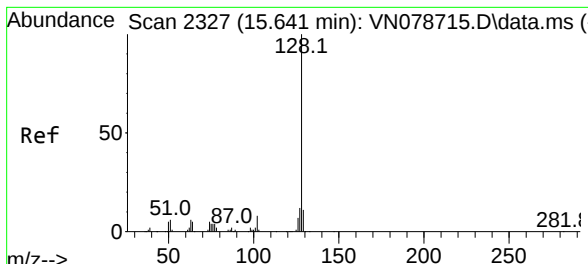
Delta R.T. -0.006 min

Lab File: VN078722.D

Acq: 01 Aug 2023 17:48

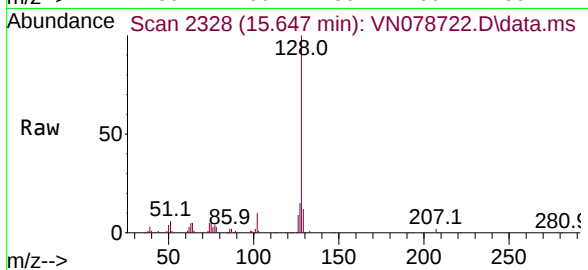
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	0.0	130.0
227	67.5	0.0	124.0





#91
Naphthalene
Concen: 16.534 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

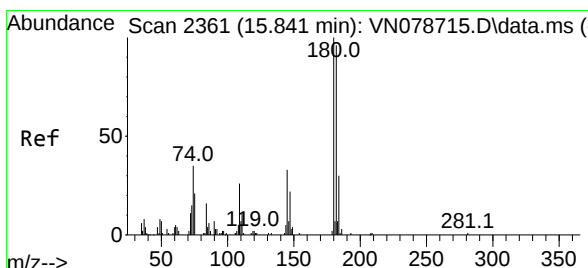
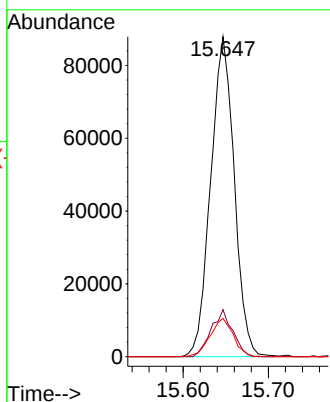
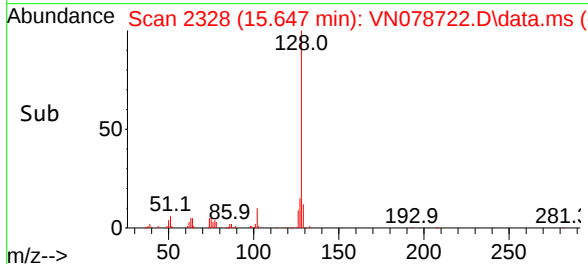
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBS01



Tgt Ion:128 Resp: 168892
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.2
129 11.7 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: 18.193 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN078722.D
Acq: 01 Aug 2023 17:48

Tgt Ion:180 Resp: 69812
Ion Ratio Lower Upper
180 100
182 94.9 0.0 196.4
145 32.6 0.0 71.0

