

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080123\
 Data File : VN078721.D
 Acq On : 01 Aug 2023 17:00
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080123

Manual Integrations
 APPROVED

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

Quant Time: Aug 02 04:26:45 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	106162	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	590670	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	517429	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	237546	29.851	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.500%
60) 4-Bromofluorobenzene	12.853	95	223562	28.830	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.100%
63) Toluene-d8	10.571	98	745558	29.168	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.233%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	125978	18.813	ug/l	98
3) Chloromethane	2.377	50	177432	21.526	ug/l	98
4) Vinyl Chloride	2.518	62	235730	21.044	ug/l	93
5) Bromomethane	2.965	94	156561	18.697	ug/l	98
6) Chloroethane	3.130	64	145641	19.963	ug/l	99
7) Trichlorofluoromethane	3.506	101	347011	30.199	ug/l	96
8) Diethyl Ether	3.971	74	73846	19.685	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.377	101	122879	19.922	ug/l	95
10) 1,1-Dichloroethene	4.353	96	117044	19.789	ug/l	95
11) Methyl Iodide	4.600	142	164733	19.815	ug/l	95
12) Methyl Acetate	5.036	43	192294	20.045	ug/l	99
13) Acrolein	4.189	56	107033	104.771	ug/l	96
14) Acrylonitrile	5.736	53	278487	99.135	ug/l	98
15) Acetone	4.442	58	83064	102.055	ug/l	99
16) Carbon Disulfide	4.718	76	314650	18.833	ug/l	98
17) Allyl chloride	5.042	41	147790	18.301	ug/l	97
18) Methylene Chloride	5.289	84	143536	20.228	ug/l	93
19) trans-1,2-Dichloroethene	5.800	96	129006	18.865	ug/l	89
20) Diisopropyl ether	6.683	45	361511	19.882	ug/l	98
21) 1,1-Dichloroethane	6.583	63	242468	20.138	ug/l	97
22) cis-1,2-Dichloroethene	7.500	96	152719	19.886	ug/l	99
23) tert-Butyl Alcohol	5.536	59	111427	97.070	ug/l #	100
24) Methyl tert-Butyl Ether	5.818	73	391216m	19.671	ug/l	
25) Chloroform	7.977	83	263169	20.645	ug/l	99
26) Cyclohexane	8.265	56	183278	20.665	ug/l #	99
29) 1,1-Dichloropropene	8.377	75	185894	21.389	ug/l	99
30) 2-Butanone	7.494	43	379002	110.312	ug/l #	97
31) 2,2-Dichloropropane	7.500	77	213395	21.397	ug/l	100
32) 1,1,1-Trichloroethane	8.171	97	243470	22.141	ug/l	97
33) Carbon Tetrachloride	8.365	117	214813	21.995	ug/l	90
34) Benzene	8.612	78	567065	21.720	ug/l	99
35) Methacrylonitrile	7.783	41	83116	22.030	ug/l	81
36) 1,2-Dichloroethane	8.683	62	199595	21.768	ug/l	99
37) Trichloroethene	9.359	130	148717	20.299	ug/l	99
38) Methylcyclohexane	9.612	83	181935	20.373	ug/l	98
39) 1,2-Dichloropropane	9.630	63	140555	20.083	ug/l	96
40) Dibromomethane	9.718	93	105130	21.703	ug/l	97
41) Bromodichloromethane	9.894	83	215572	22.260	ug/l #	99
42) Vinyl Acetate	6.618	43	1139252	103.138	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	137831	19.405	ug/l	96
44) Isopropyl Acetate	8.694	43	273685	21.962	ug/l	97
45) 1,4-Dioxane	9.700	88	51569	449.853	ug/l	100
46) Methyl methacrylate	9.688	41	126395	22.148	ug/l	96
47) n-amyl Acetate	12.494	43	237127	24.706	ug/l	98
48) t-1,3-Dichloropropene	10.841	75	209265	20.246	ug/l	97
49) cis-1,3-Dichloropropene	10.318	75	225243	20.517	ug/l	95
50) 1,1,2-Trichloroethane	11.024	97	138467	20.193	ug/l	97
51) Ethyl methacrylate	10.882	69	196415	20.922	ug/l	96
52) 1,3-Dichloropropane	11.165	76	241041	19.558	ug/l	99
53) Dibromochloromethane	11.365	129	158809	20.501	ug/l	96
54) 1,2-Dibromoethane	11.476	107	143296	20.811	ug/l	97
55) 2-Chloroethyl vinyl ether	10.165	63	343570	114.850	ug/l	98
56) Bromoform	12.588	173	108428	21.392	ug/l	96
58) 4-Methyl-2-Pentanone	10.453	43	773246	99.840	ug/l	99
59) 2-Hexanone	11.200	43	563897	96.161	ug/l	97
61) Tetrachloroethene	11.112	164	128492	18.885	ug/l	95
62) Toluene	10.635	91	621871	19.980	ug/l	98
64) Chlorobenzene	11.894	112	369216	20.319	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.965	131	147269	20.550	ug/l	99
66) Ethyl Benzene	11.971	91	635784	20.269	ug/l	99
67) m/p-Xylenes	12.076	106	488562	40.775	ug/l	99
68) o-Xylene	12.406	106	249541	20.468	ug/l	98
69) Styrene	12.418	104	396323	20.203	ug/l	99
70) Isopropylbenzene	12.700	105	613786	20.351	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	193428	19.743	ug/l	99
72) 1,2,3-Trichloropropane	13.000	75	158407m	19.274	ug/l	
73) Bromobenzene	12.982	156	146579	19.828	ug/l	96
74) n-propylbenzene	13.041	91	648802	19.408	ug/l	98
75) 2-Chlorotoluene	13.129	91	416526	18.042	ug/l	100
76) 1,3,5-Trimethylbenzene	13.176	105	488272	18.132	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	55014	19.152	ug/l	91
78) 4-Chlorotoluene	13.229	91	385855	17.310	ug/l	99
79) tert-butylbenzene	13.441	119	415798	17.940	ug/l	98
80) 1,2,4-Trimethylbenzene	13.488	105	462919	17.999	ug/l	96
81) sec-Butylbenzene	13.623	105	521498	17.554	ug/l	98
82) p-Isopropyltoluene	13.735	119	417055	17.100	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	232945	17.769	ug/l	97
84) 1,4-Dichlorobenzene	13.817	146	223482	18.209	ug/l	98
85) n-Butylbenzene	14.059	91	304569	18.008	ug/l	99
86) Hexachloroethane	14.335	117	85637	19.271	ug/l	94
87) 1,2-Dichlorobenzene	14.112	146	240952	19.638	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.729	75	30110	18.097	ug/l	94
89) 1,2,4-Trichlorobenzene	15.394	180	62089	17.737	ug/l	97
90) Hexachlorobutadiene	15.506	225	52240	19.589	ug/l	98
91) Naphthalene	15.647	128	189984	17.915	ug/l	100
92) 1,2,3-Trichlorobenzene	15.847	180	74338	18.660	ug/l	96

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

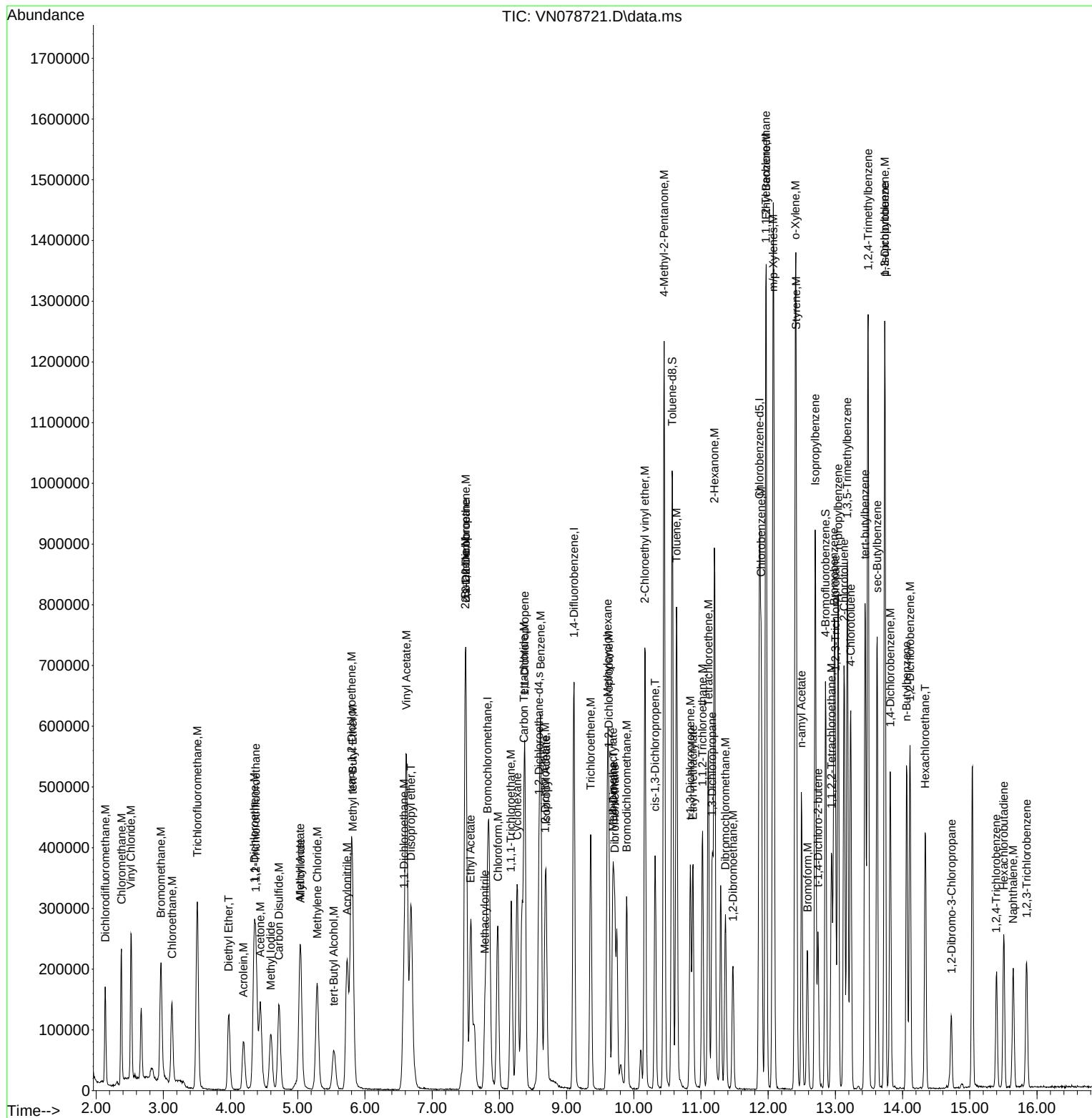
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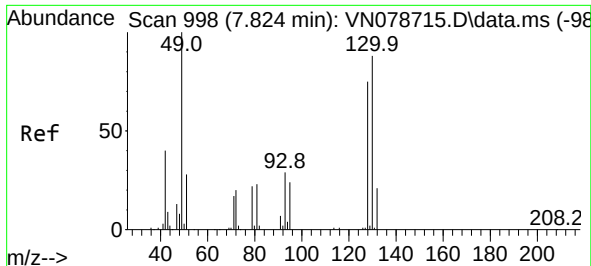
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080123

Manual Integrations
APPROVED

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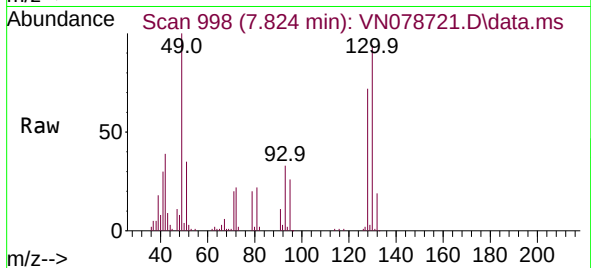
Quant Time: Aug 02 04:26:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 02 04:20:43 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

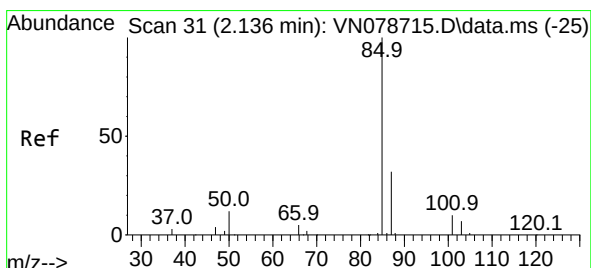
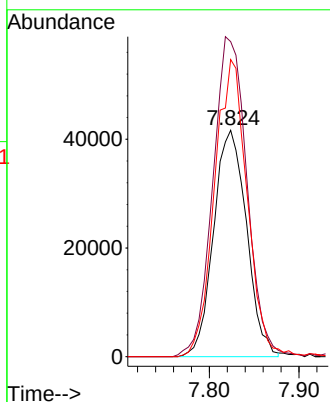
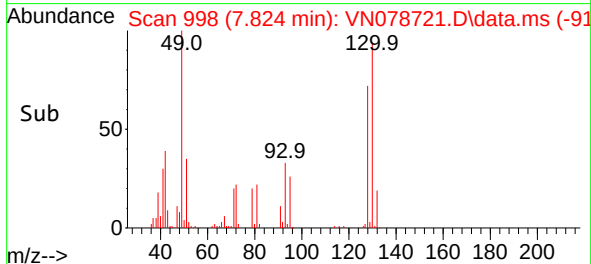
Instrument :
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ClientSampleId :
ICVVN080123



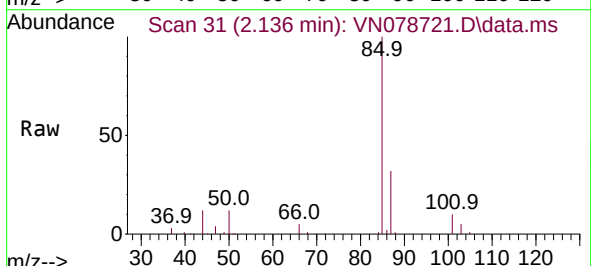
Tgt Ion:128 Resp: 106162
Ion Ratio Lower Upper
128 100
49 146.3 0.0 370.8
130 130.3 0.0 307.0

Manual Integrations
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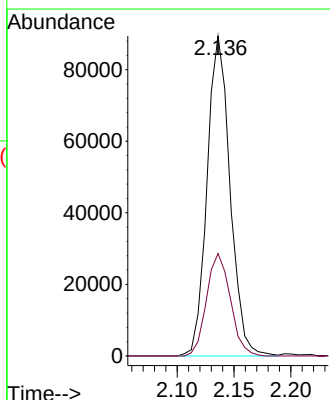
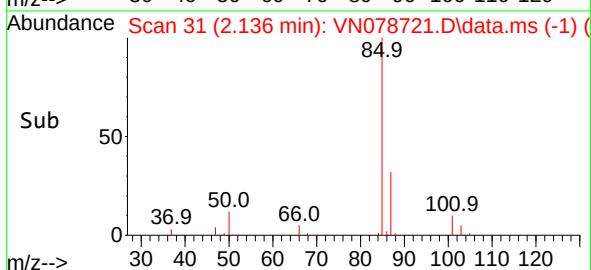
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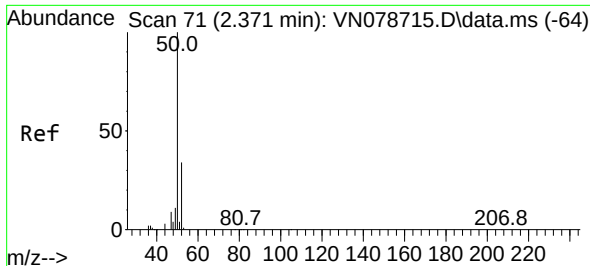


#2
Dichlorodifluoromethane
Concen: 18.813 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00



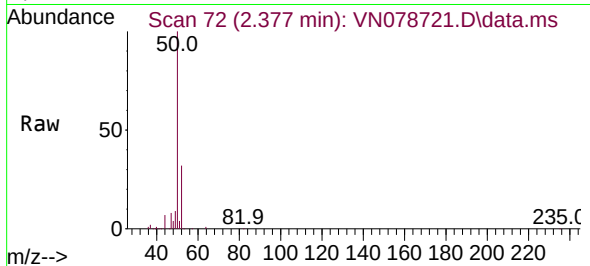
Tgt Ion: 85 Resp: 125978
Ion Ratio Lower Upper
85 100
87 32.0 16.4 49.4





#3
Chloromethane
Concen: 21.526 ug/l
RT: 2.377 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

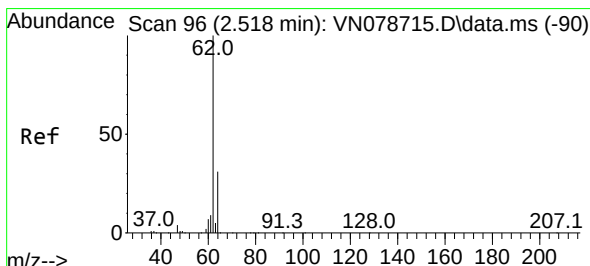
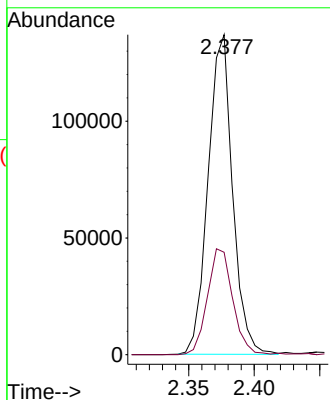
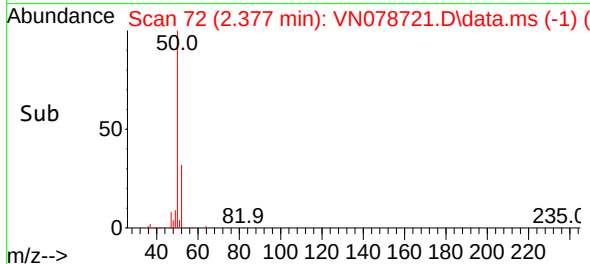
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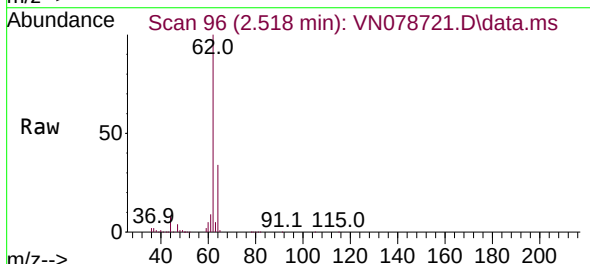
Tgt Ion: 50 Resp: 17743
Ion Ratio Lower Upper
50 100
52 32.0 24.6 36.8

Manual Integrations
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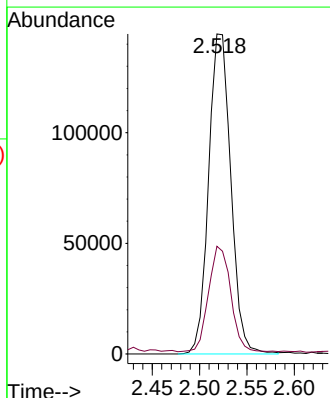
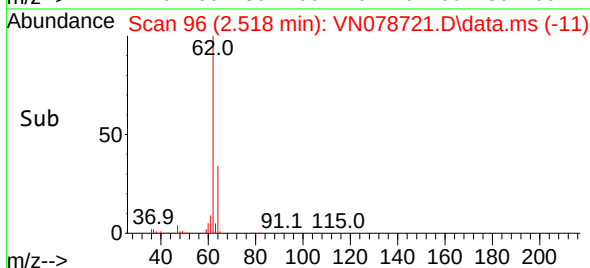
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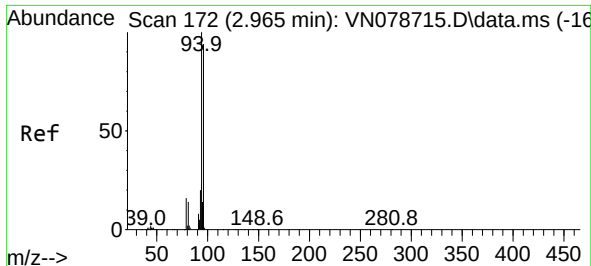


#4
Vinyl Chloride
Concen: 21.044 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00



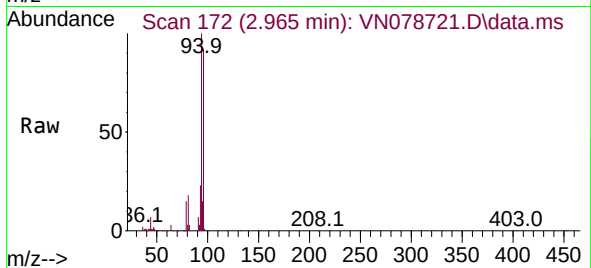
Tgt Ion: 62 Resp: 235730
Ion Ratio Lower Upper
62 100
64 33.0 23.3 34.9





#5
Bromomethane
Concen: 18.697 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

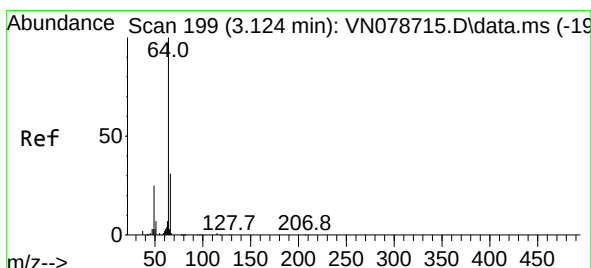
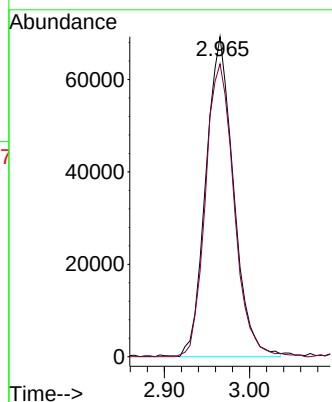
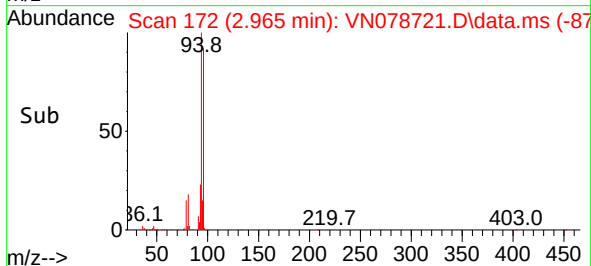
Instrument :
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Tgt Ion: 94 Resp: 15656
Ion Ratio Lower Upper
94 100
96 90.9 73.9 110.9

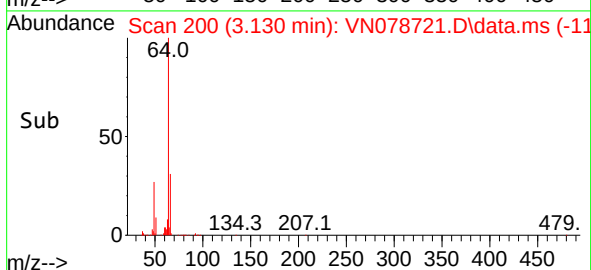
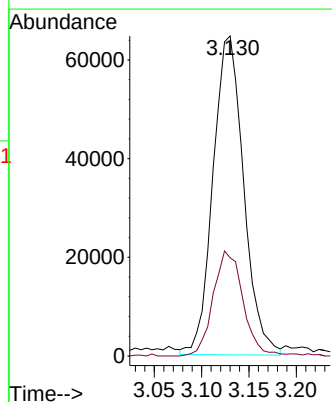
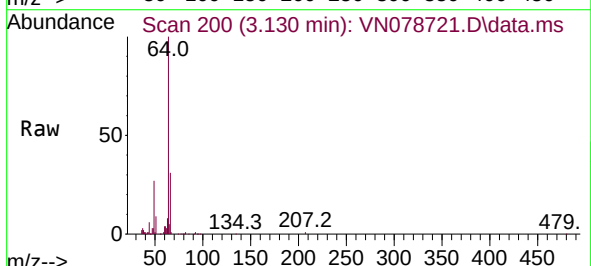
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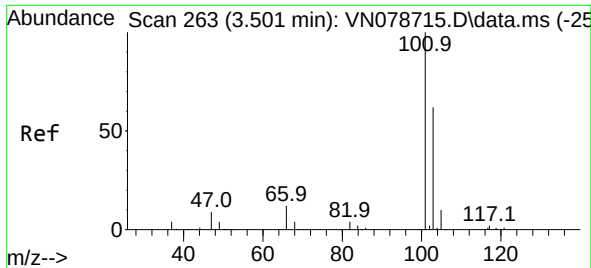
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#6
Chloroethane
Concen: 19.963 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

Tgt Ion: 64 Resp: 145641
Ion Ratio Lower Upper
64 100
66 31.3 25.7 38.5





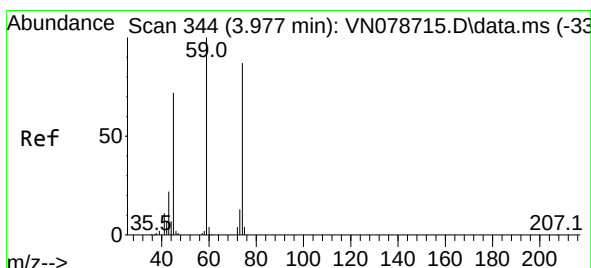
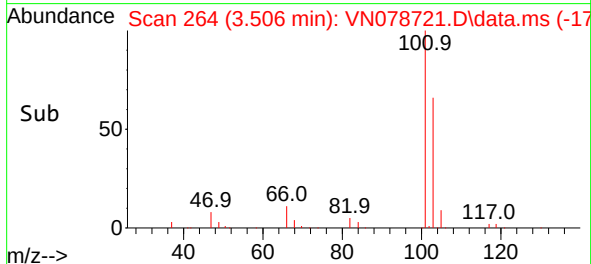
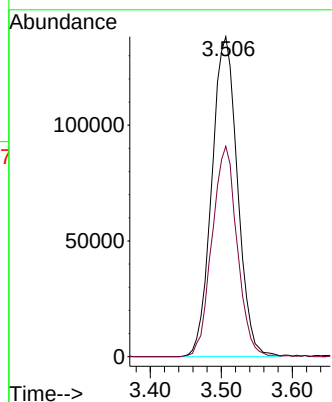
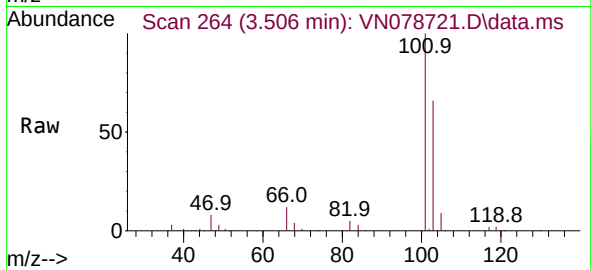
#7
Trichlorofluoromethane
Concen: 30.199 ug/l
RT: 3.506 min Scan# 20
Delta R.T. 0.005 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

Instrument :
MSVOA_N
ClientSampleId :
ICVVN080123

Tgt Ion:101 Resp: 34701
Ion Ratio Lower Upper
101 100
103 65.7 50.4 75.6

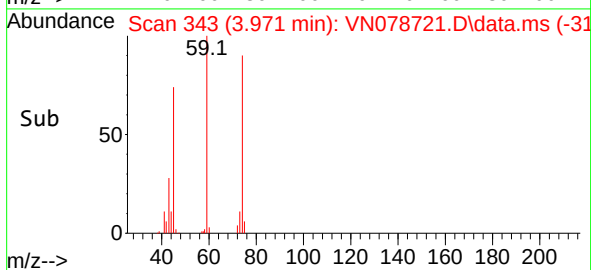
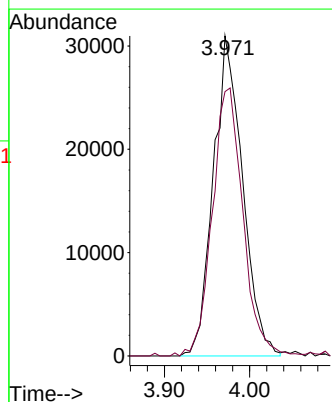
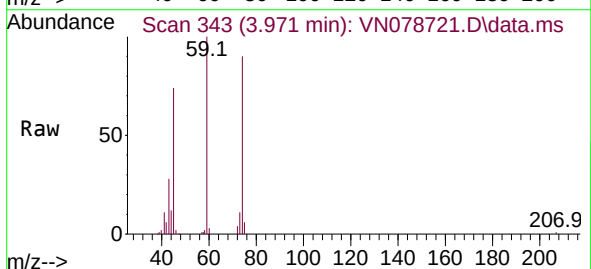
Manual Integrations
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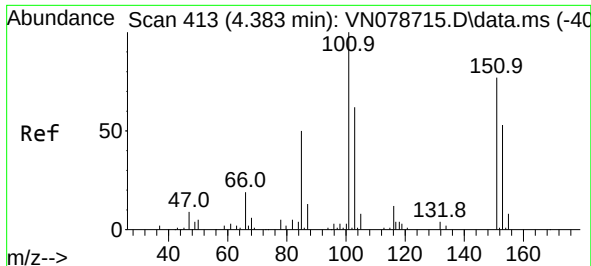
Reviewed By :John Carlone 08/02/2023
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#8
Diethyl Ether
Concen: 19.685 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.006 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

Tgt Ion: 74 Resp: 73846
Ion Ratio Lower Upper
74 100
45 87.5 16.3 146.5





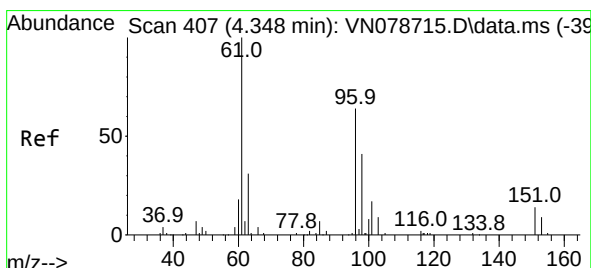
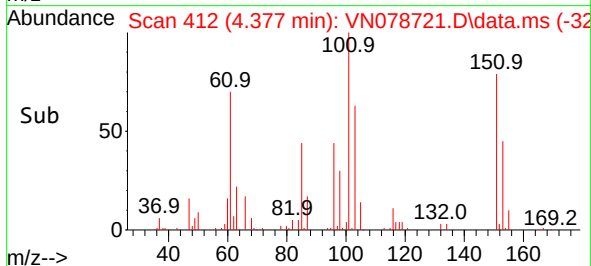
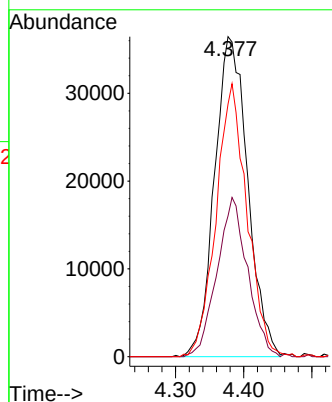
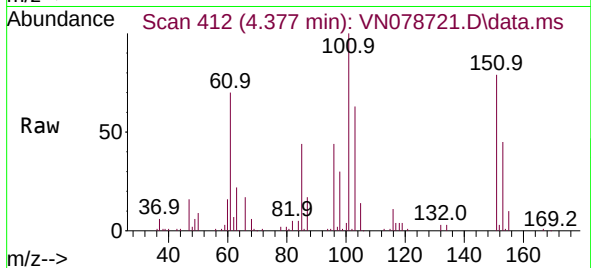
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.922 ug/l
RT: 4.377 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 122879
Ion Ratio Lower Upper
101 100
85 45.9 0.0 89.2
151 79.7 0.0 148.8

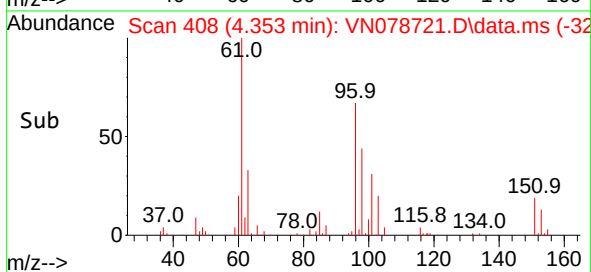
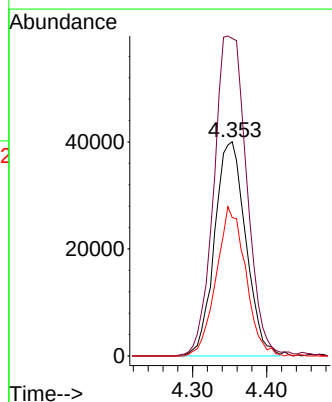
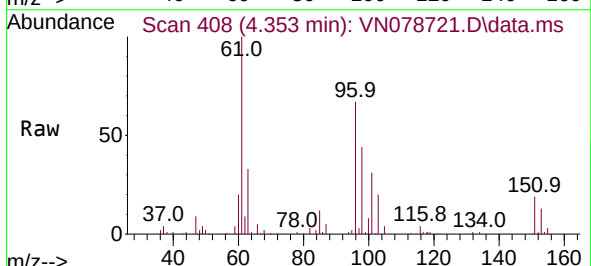
Manual Integrations
APPROVED

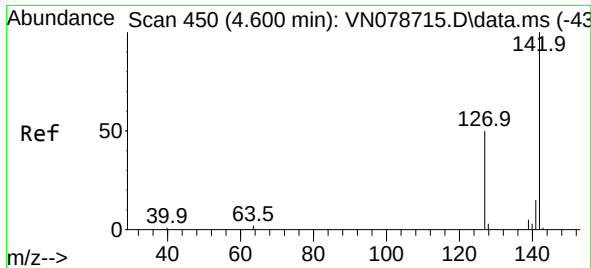
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#10
1,1-Dichloroethene
Concen: 19.789 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.005 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

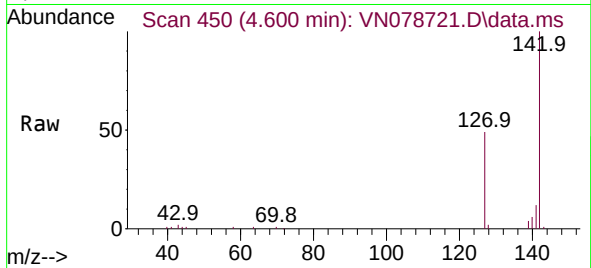
Tgt Ion: 96 Resp: 117044
Ion Ratio Lower Upper
96 100
61 147.7 123.4 185.2
98 64.6 53.7 80.5





#11
Methyl Iodide
Concen: 19.815 ug/l
RT: 4.600 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

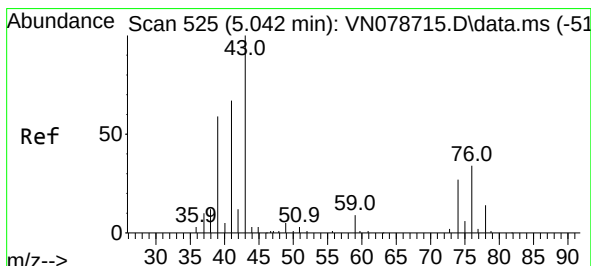
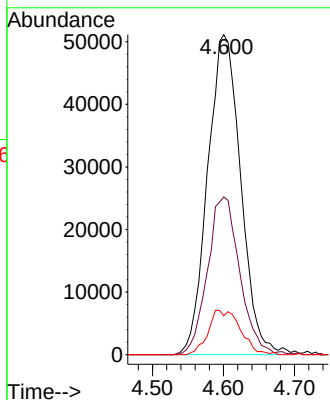
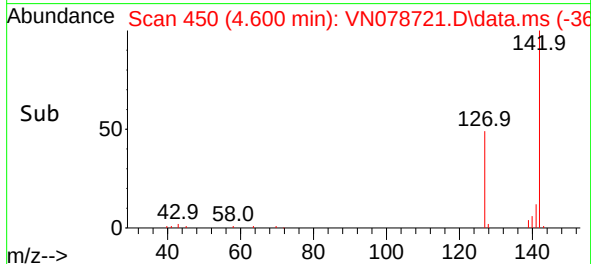
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080123



Tgt Ion:142 Resp: 16473
Ion Ratio Lower Upper
142 100
127 48.9 23.2 69.5
141 11.6 7.2 21.7

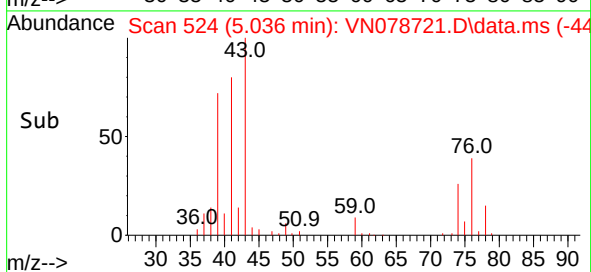
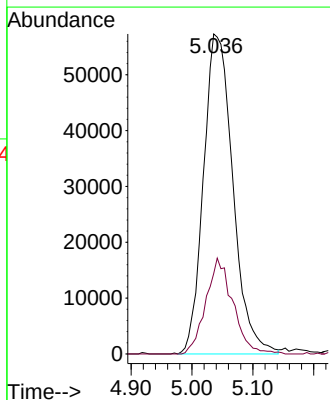
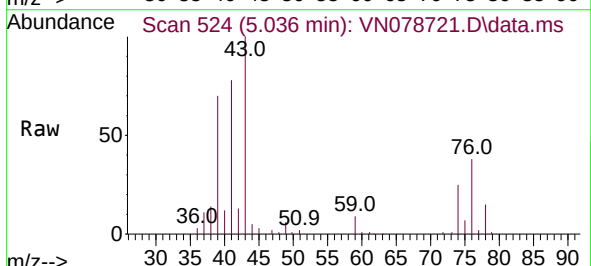
Manual Integrations
APPROVED

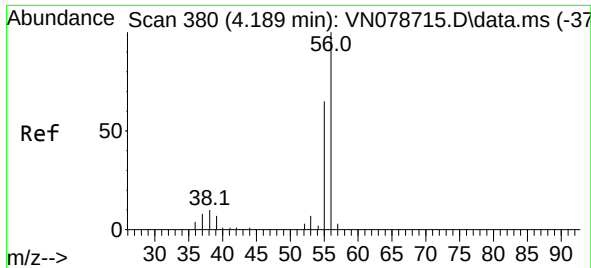
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#12
Methyl Acetate
Concen: 20.045 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

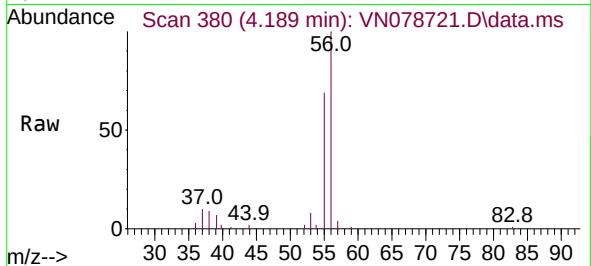
Tgt Ion: 43 Resp: 192294
Ion Ratio Lower Upper
43 100
74 25.0 20.5 30.7





#13
Acrolein
Concen: 104.771 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

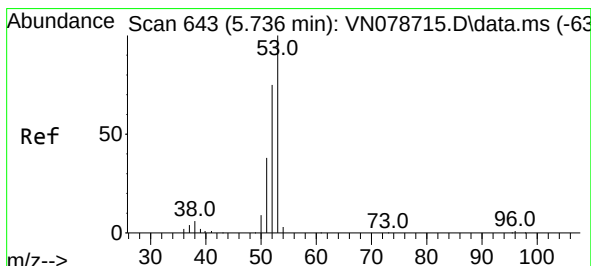
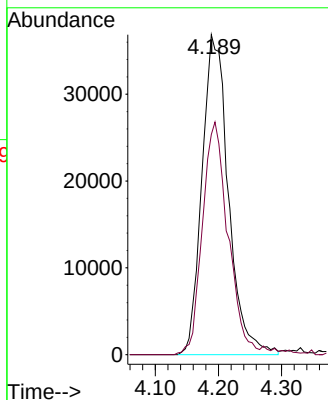
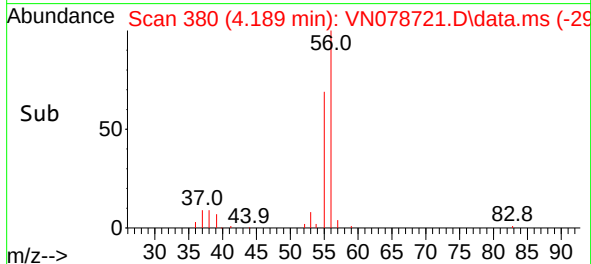
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080123



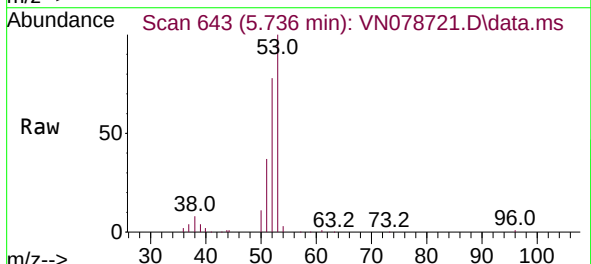
Tgt Ion: 56 Resp: 10703
Ion Ratio Lower Upper
56 100
55 70.3 59.0 88.4

Manual Integrations
APPROVED

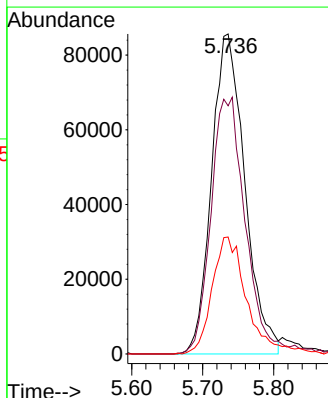
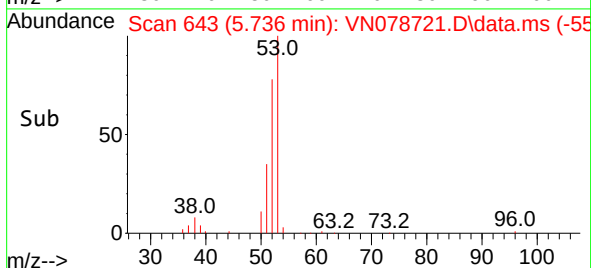
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

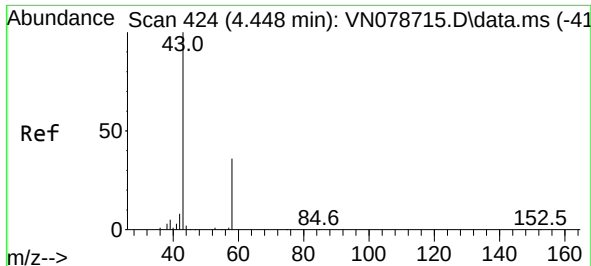


#14
Acrylonitrile
Concen: 99.135 ug/l
RT: 5.736 min Scan# 643
Delta R.T. -0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00



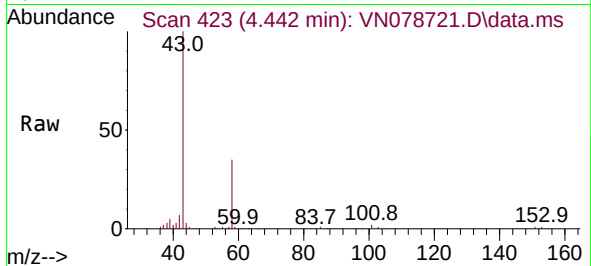
Tgt Ion: 53 Resp: 278487
Ion Ratio Lower Upper
53 100
52 82.3 42.3 126.9
51 37.5 18.4 55.4





#15
Acetone
Concen: 102.055 ug/l
RT: 4.442 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

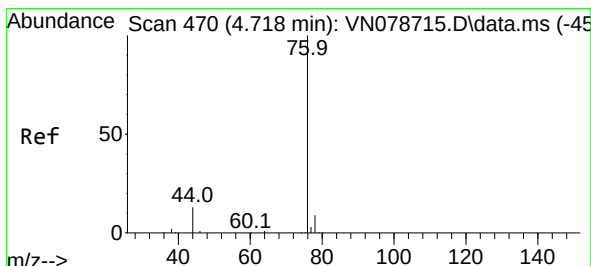
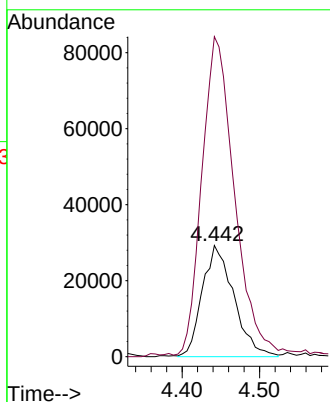
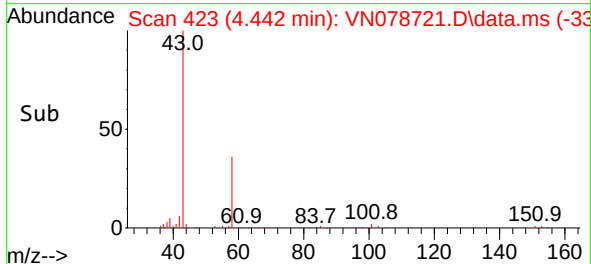
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080123



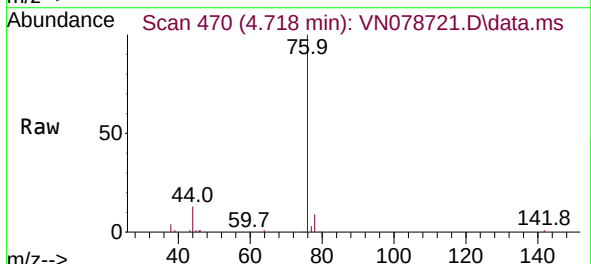
Tgt Ion: 58 Resp: 83064
Ion Ratio Lower Upper
58 100
43 287.2 227.5 341.3

Manual Integrations
APPROVED

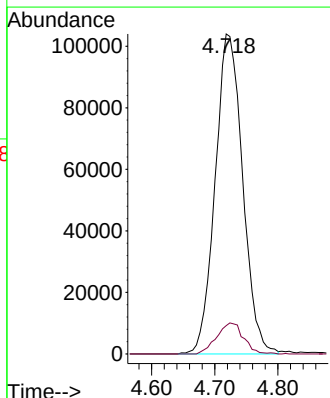
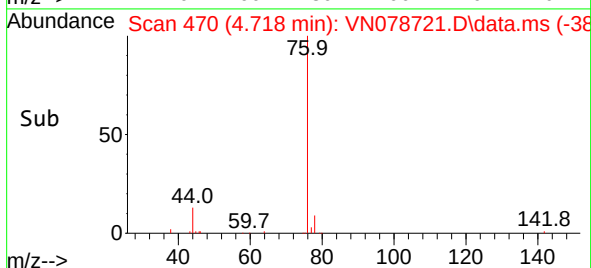
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

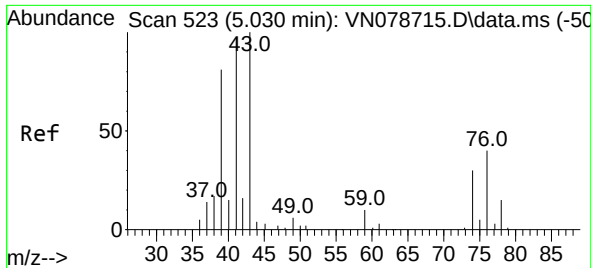


#16
Carbon Disulfide
Concen: 18.833 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00



Tgt Ion: 76 Resp: 314650
Ion Ratio Lower Upper
76 100
78 8.8 7.7 11.5





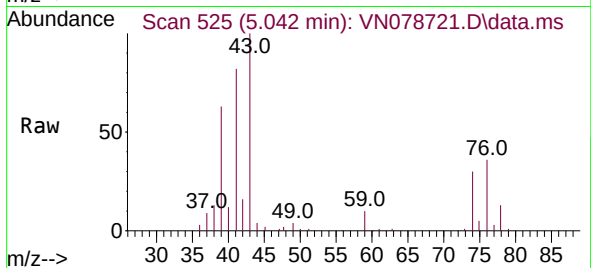
#17
 Allyl chloride
 Concen: 18.301 ug/l
 RT: 5.042 min Scan# 51
 Delta R.T. 0.012 min
 Lab File: VN078721.D
 Acq: 01 Aug 2023 17:00

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080123

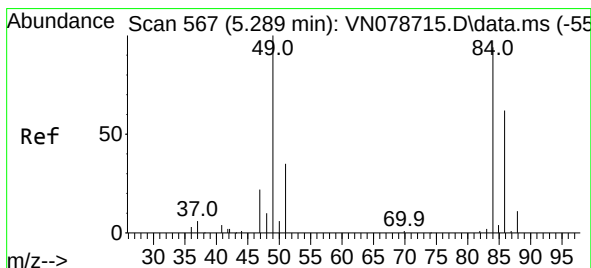
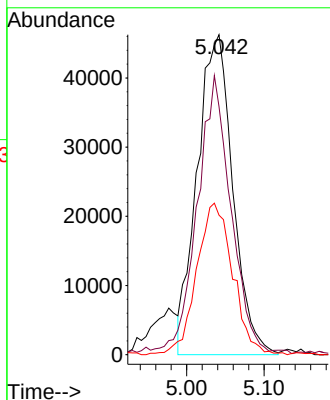
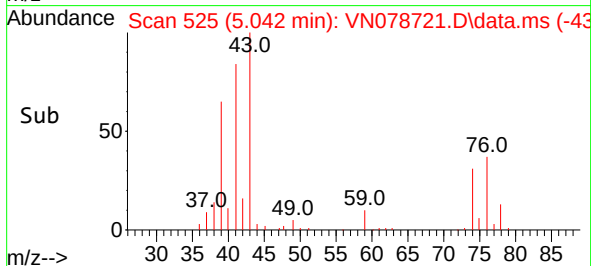


Tgt Ion: 41 Resp: 147790
 Ion Ratio Lower Upper
 41 100
 39 76.6 37.6 112.8
 76 43.3 23.8 71.4

Manual Integrations

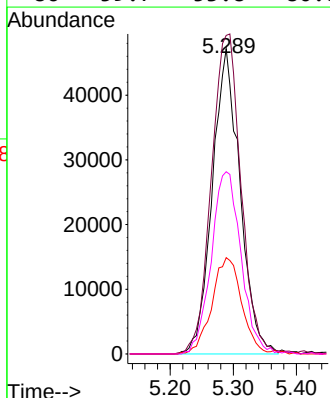
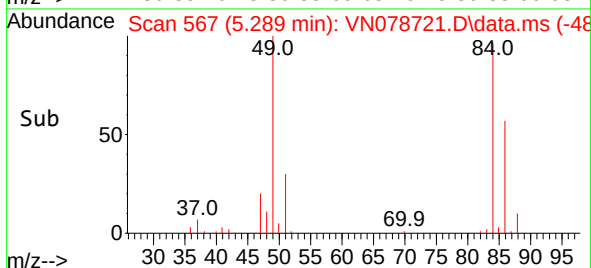
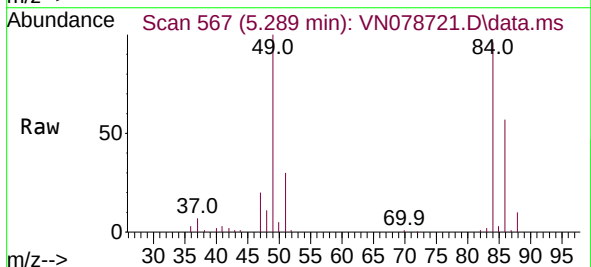
APPROVED

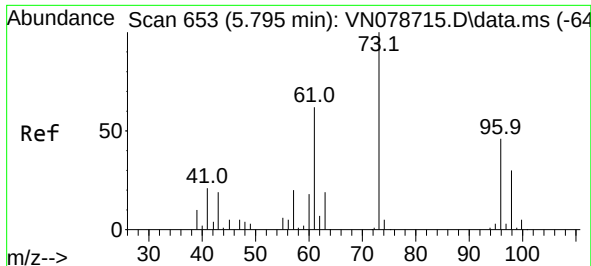
Reviewed By :John Carlone 08/02/2023
 Supervised By :Mahesh Dadoda 08/02/2023



#18
 Methylene Chloride
 Concen: 20.228 ug/l
 RT: 5.289 min Scan# 567
 Delta R.T. -0.000 min
 Lab File: VN078721.D
 Acq: 01 Aug 2023 17:00

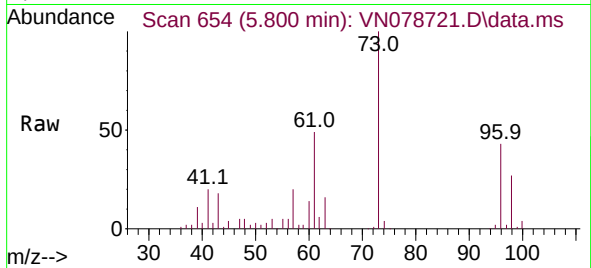
Tgt Ion: 84 Resp: 143536
 Ion Ratio Lower Upper
 84 100
 49 104.0 88.1 132.1
 51 31.6 24.0 36.0
 86 59.7 53.8 80.8





#19
trans-1,2-Dichloroethene
Concen: 18.865 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

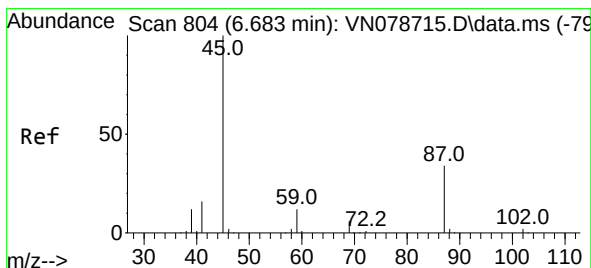
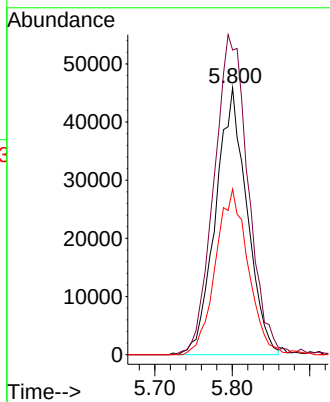
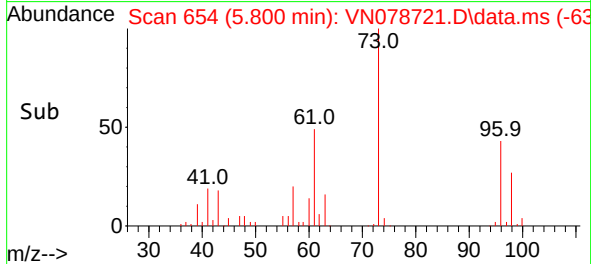
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080123



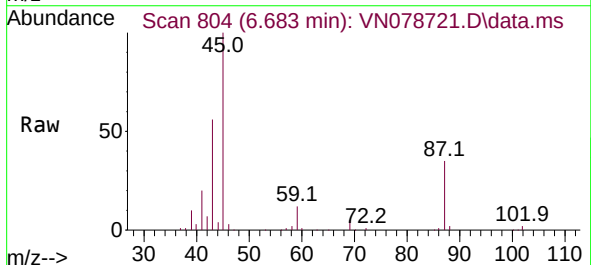
Tgt Ion: 96 Resp: 129000
Ion Ratio Lower Upper
96 100
61 113.6 105.2 157.8
98 62.1 50.5 75.7

Manual Integrations
APPROVED

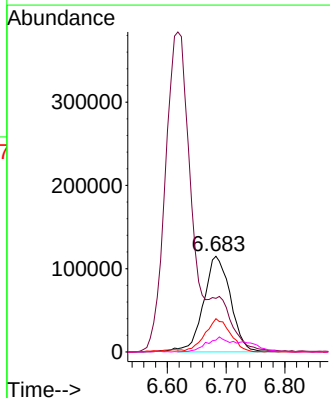
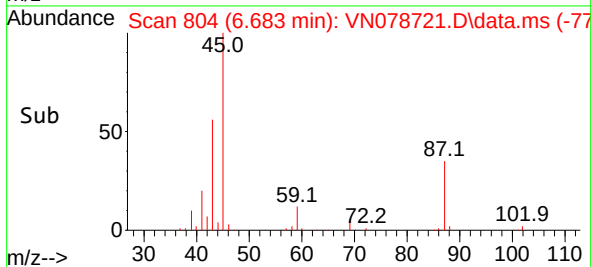
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

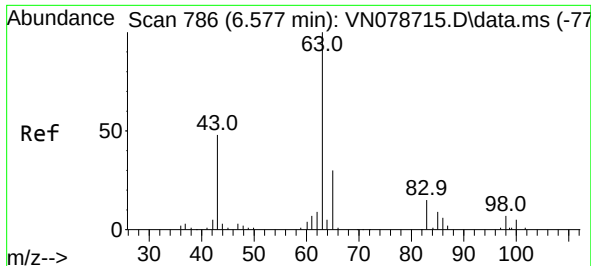


#20
Diisopropyl ether
Concen: 19.882 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00



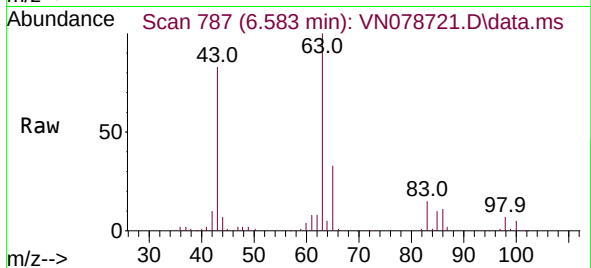
Tgt Ion: 45 Resp: 361511
Ion Ratio Lower Upper
45 100
43 54.8 43.6 65.4
87 34.6 25.8 38.6
59 12.2 10.6 16.0





#21
1,1-Dichloroethane
Concen: 20.138 ug/l
RT: 6.583 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

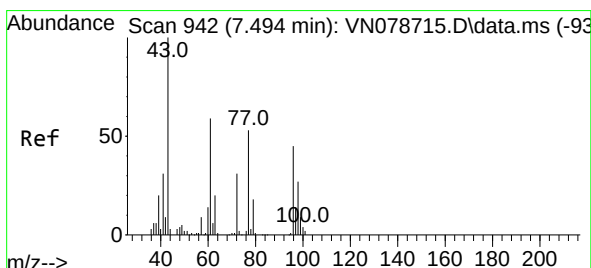
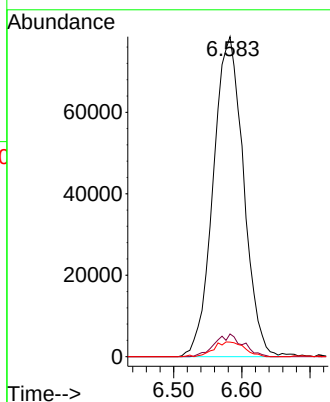
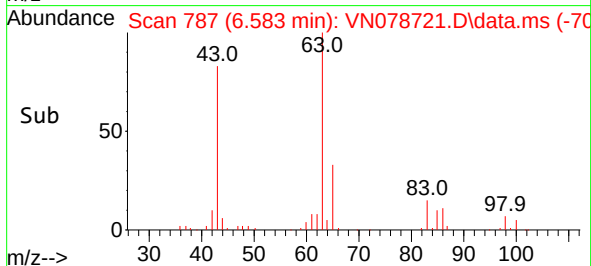
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080123



Tgt Ion: 63 Resp: 242468
Ion Ratio Lower Upper
63 100
98 7.1 2.7 8.1
100 4.5 2.5 7.4

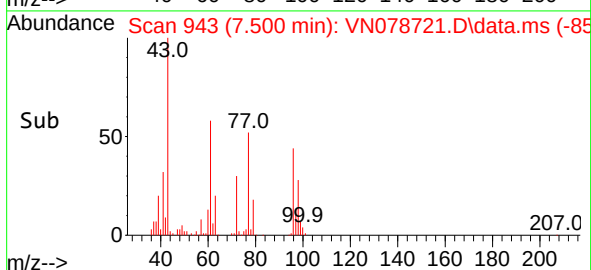
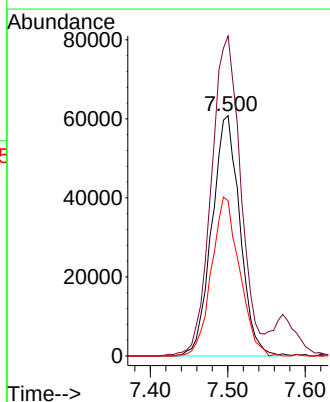
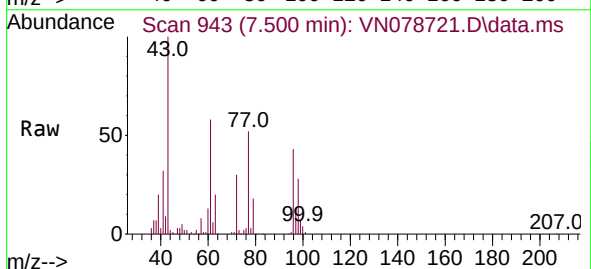
Manual Integrations
APPROVED

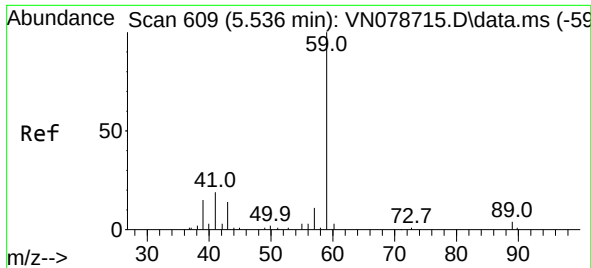
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#22
cis-1,2-Dichloroethene
Concen: 19.886 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

Tgt Ion: 96 Resp: 152719
Ion Ratio Lower Upper
96 100
61 140.2 113.8 170.6
98 66.0 52.2 78.4





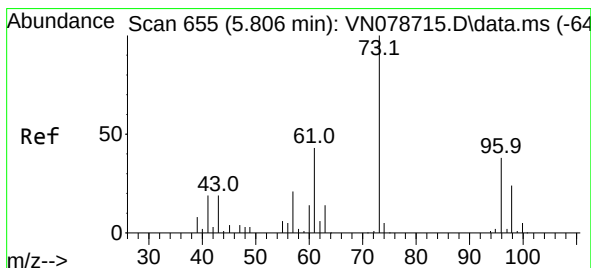
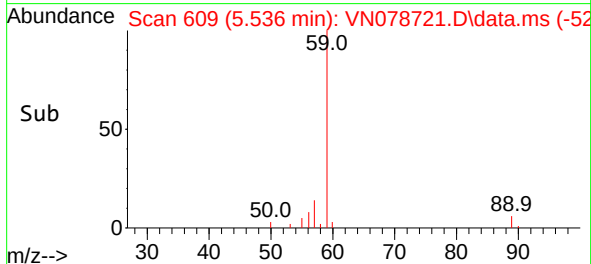
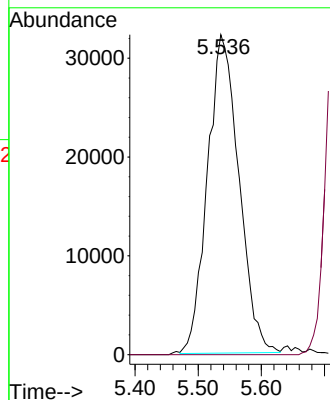
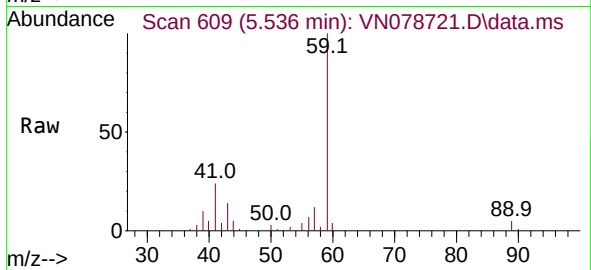
#23
tert-Butyl Alcohol
Concen: 97.070 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

Instrument :
MSVOA_N
ClientSampleId :
ICVVN080123

Tgt Ion: 59 Resp: 11142
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

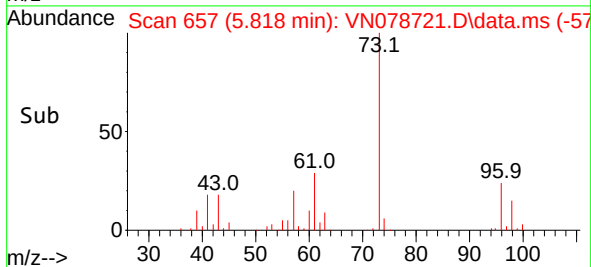
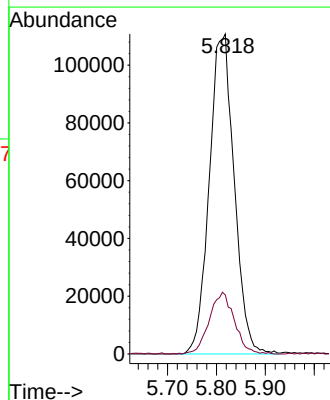
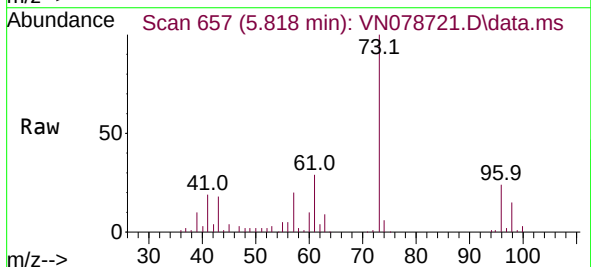
Manual Integrations
APPROVED

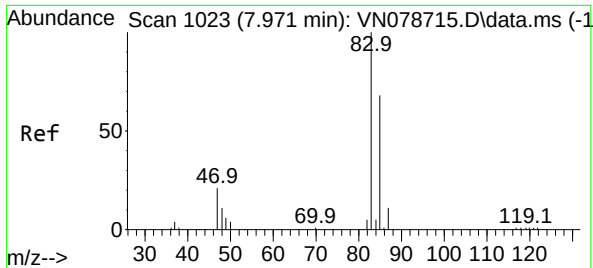
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#24
Methyl tert-Butyl Ether
Concen: 19.671 ug/l m
RT: 5.818 min Scan# 657
Delta R.T. 0.012 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

Tgt Ion: 73 Resp: 391216
Ion Ratio Lower Upper
73 100
43 19.4 14.5 21.7





#25

Chloroform

Concen: 20.645 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN078721.D

Acq: 01 Aug 2023 17:00

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080123

Tgt Ion: 83 Resp: 263169

Ion Ratio Lower Upper

83 100

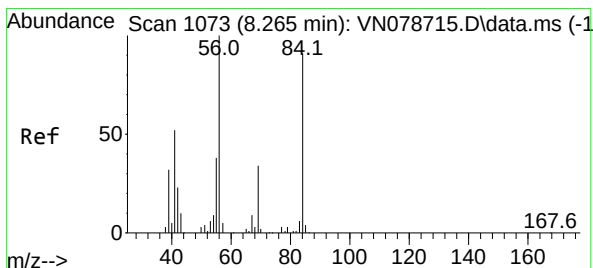
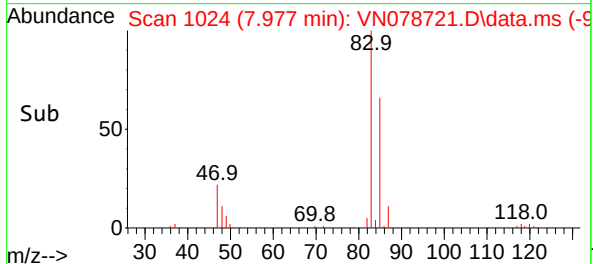
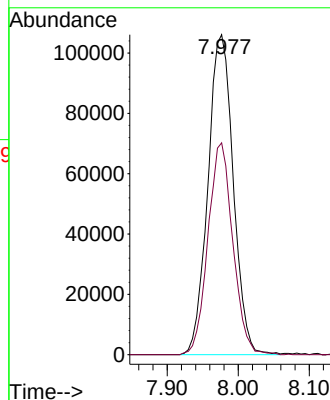
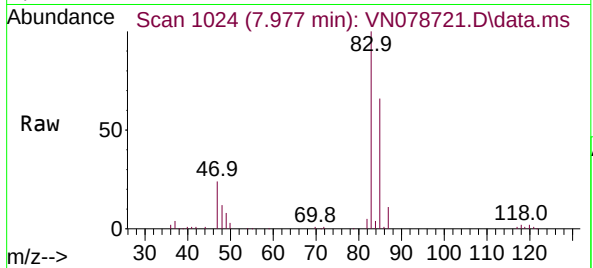
85 66.2 53.4 80.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#26

Cyclohexane

Concen: 20.665 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN078721.D

Acq: 01 Aug 2023 17:00

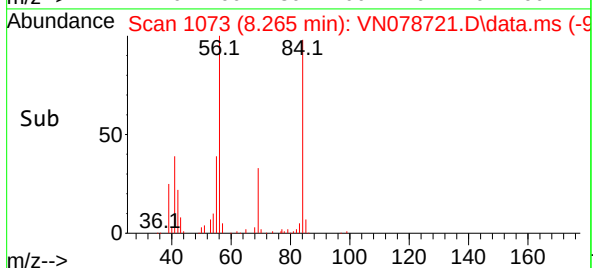
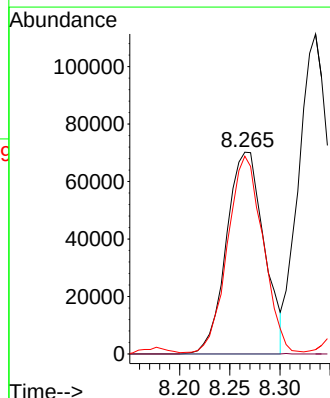
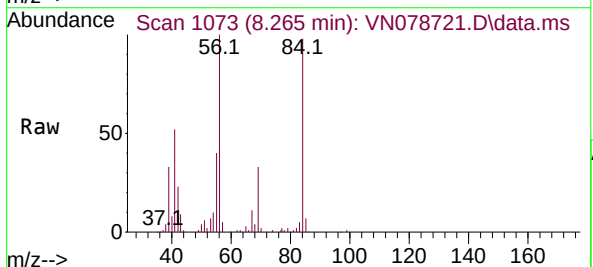
Tgt Ion: 56 Resp: 183278

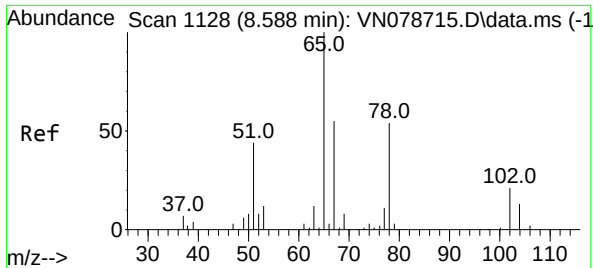
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

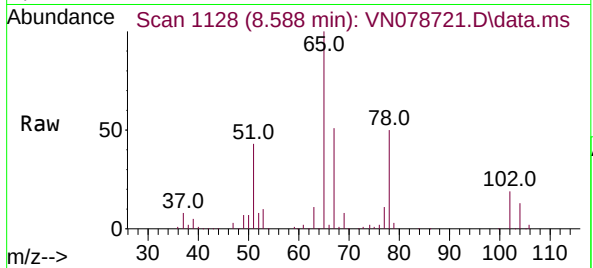
84 93.4 74.2 111.4





#27
1,2-Dichloroethane-d4
Concen: 29.851 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

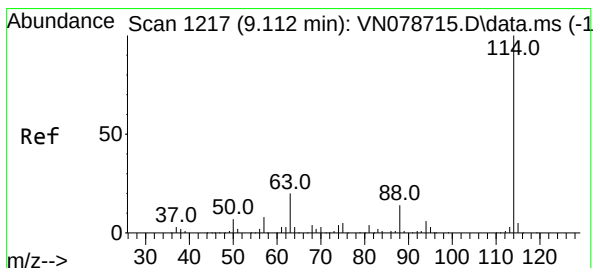
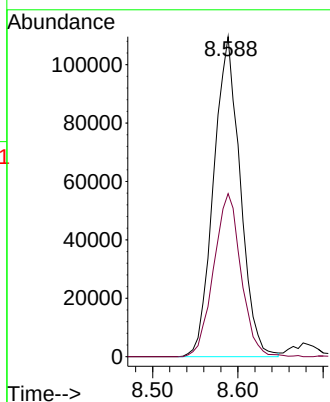
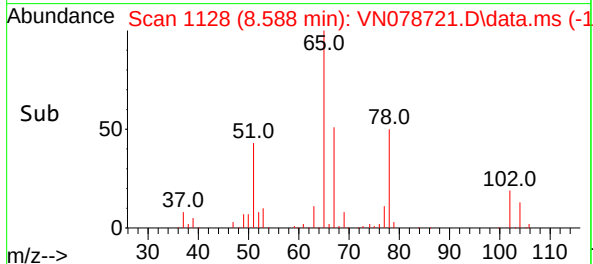
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080123



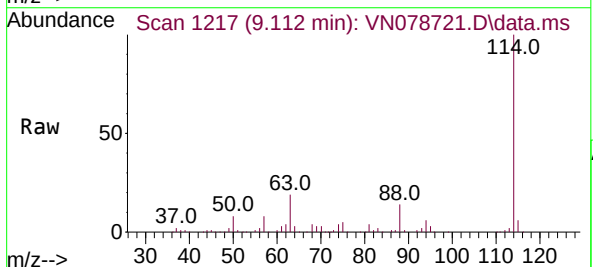
Tgt Ion: 65 Resp: 237540
Ion Ratio Lower Upper
65 100
67 52.1 42.9 64.3

Manual Integrations
APPROVED

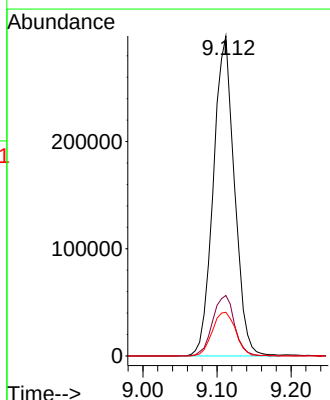
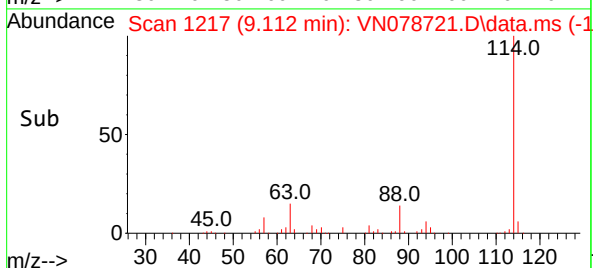
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

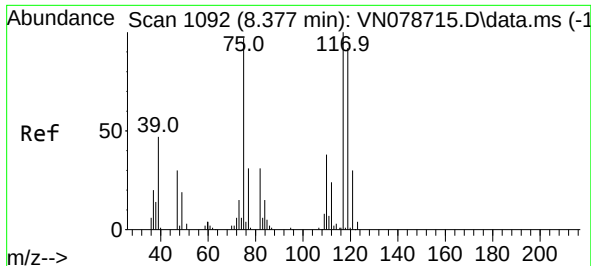


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. -0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00



Tgt Ion: 114 Resp: 590670
Ion Ratio Lower Upper
114 100
63 19.6 15.2 22.8
88 15.1 12.5 18.7





#29

1,1-Dichloropropene

Concen: 21.389 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN078721.D

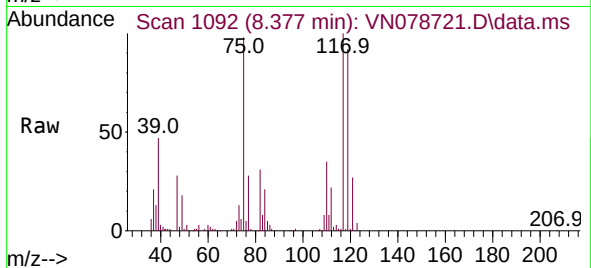
Acq: 01 Aug 2023 17:00

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080123



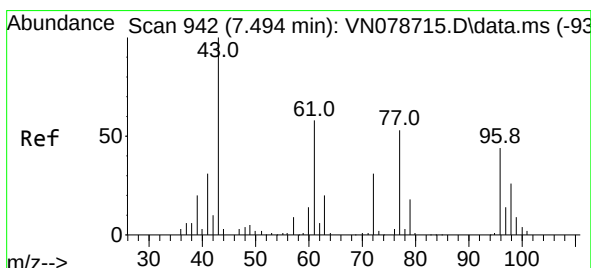
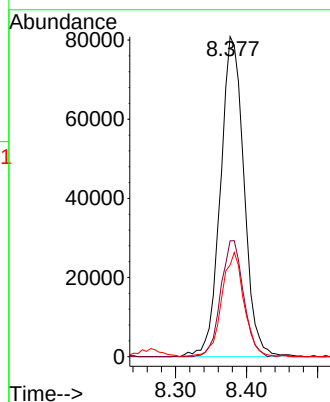
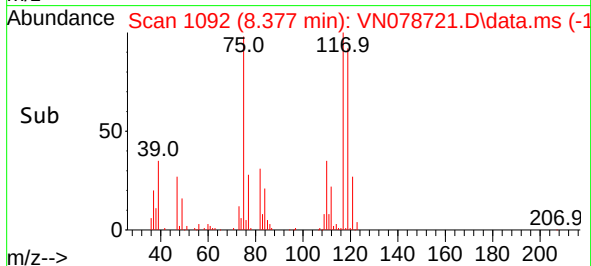
Tgt Ion:	75	Resp:	185894
Ion Ratio	100	Lower	Upper
75	100		
110	35.0	0.0	72.2
77	31.1	0.0	62.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#30

2-Butanone

Concen: 110.312 ug/l

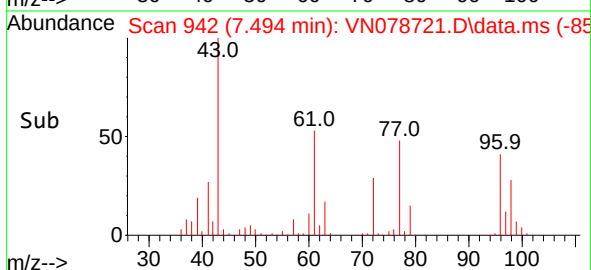
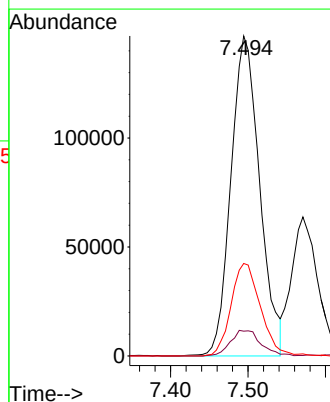
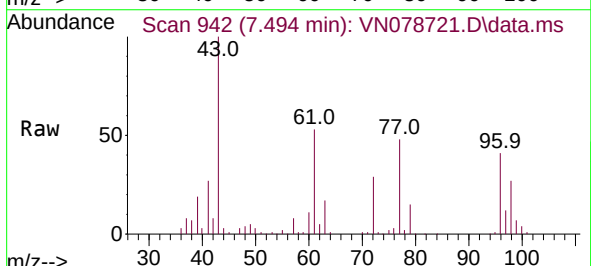
RT: 7.494 min Scan# 942

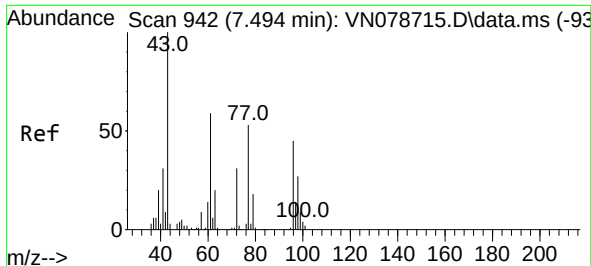
Delta R.T. 0.000 min

Lab File: VN078721.D

Acq: 01 Aug 2023 17:00

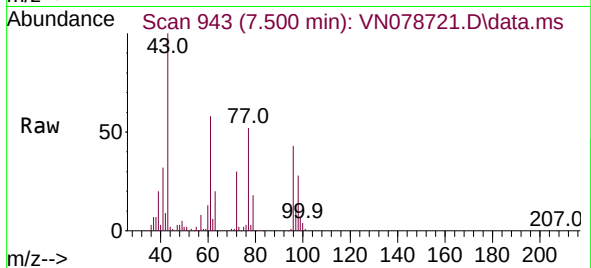
Tgt Ion:	43	Resp:	379002
Ion Ratio	100	Lower	Upper
43	100		
57	4.2	6.8	10.2
72	29.4	23.8	35.6





#31
2,2-Dichloropropane
Concen: 21.397 ug/l
RT: 7.500 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

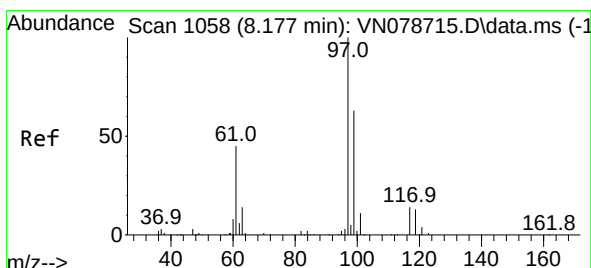
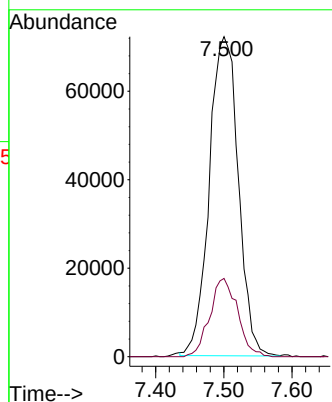
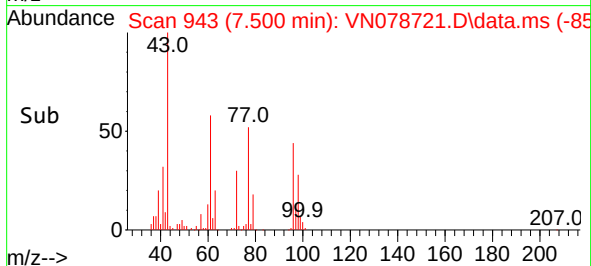
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080123



Tgt Ion: 77 Resp: 21339
Ion Ratio Lower Upper
77 100
97 23.6 18.8 28.2

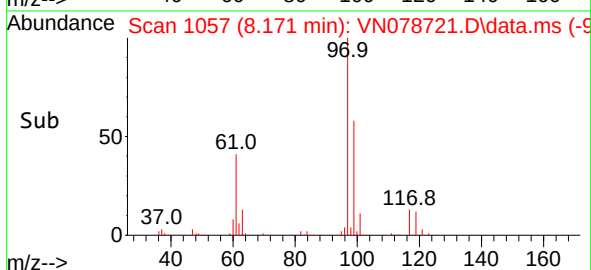
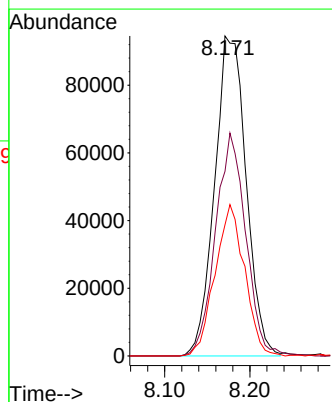
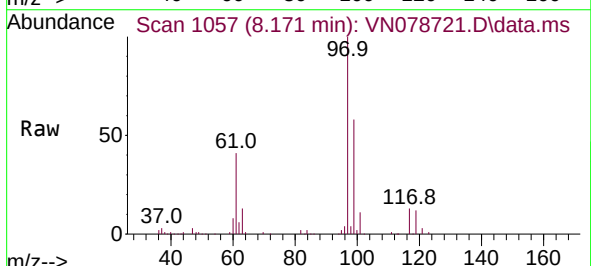
Manual Integrations
APPROVED

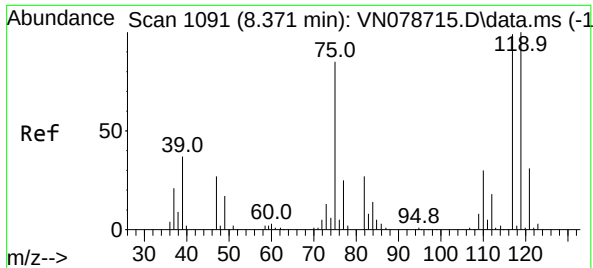
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#32
1,1,1-Trichloroethane
Concen: 22.141 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

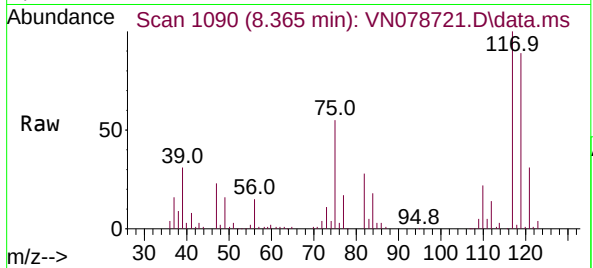
Tgt Ion: 97 Resp: 243470
Ion Ratio Lower Upper
97 100
99 66.8 51.3 76.9
61 44.3 34.6 52.0





#33
Carbon Tetrachloride
Concen: 21.995 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

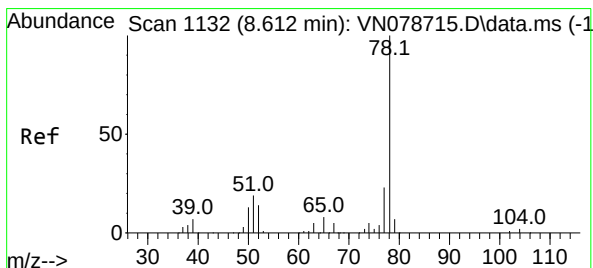
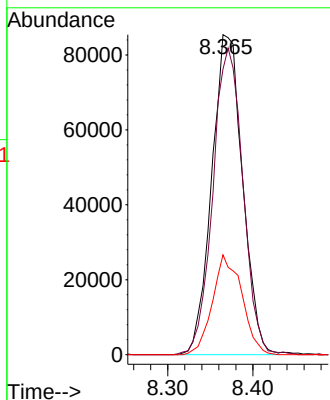
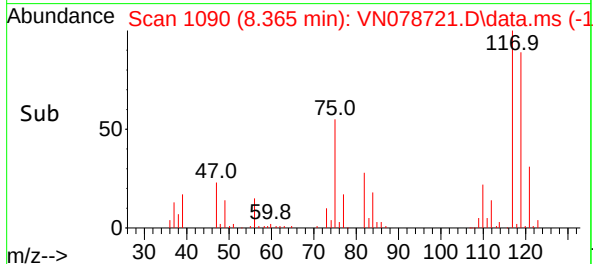
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080123



Tgt Ion: 117 Resp: 21481
Ion Ratio Lower Upper
117 100
119 89.0 81.4 122.0
121 31.2 23.6 35.4

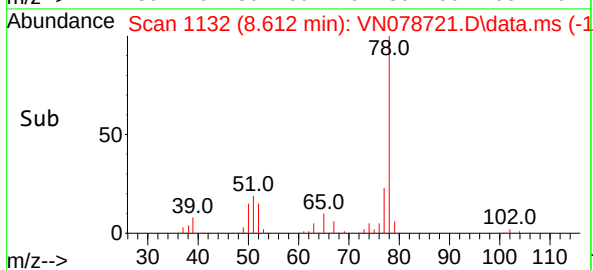
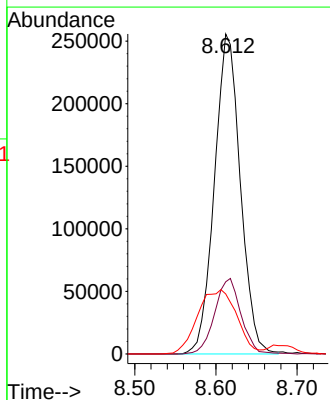
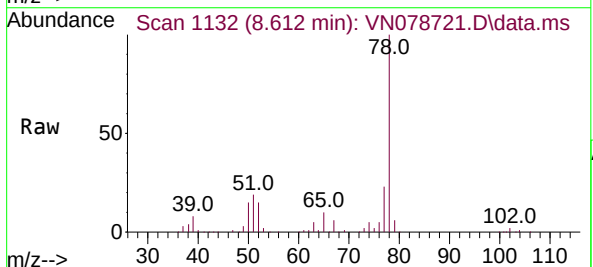
Manual Integrations
APPROVED

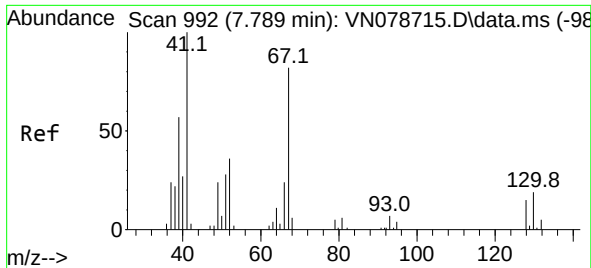
Reviewed By : John Carlone 08/02/2023
Supervised By : Mahesh Dadoda 08/02/2023



#34
Benzene
Concen: 21.720 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

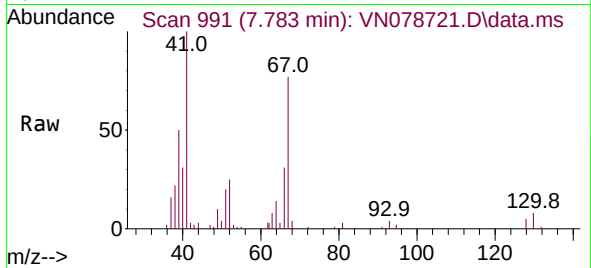
Tgt Ion: 78 Resp: 567065
Ion Ratio Lower Upper
78 100
77 22.6 18.3 27.5
51 17.5 13.7 20.5





#35
Methacrylonitrile
Concen: 22.030 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

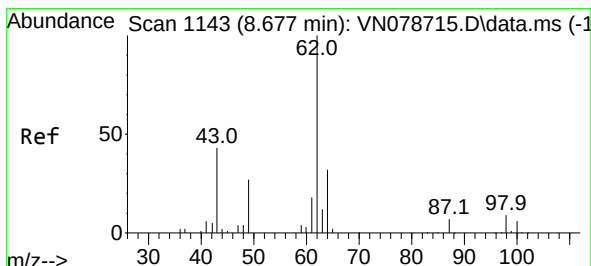
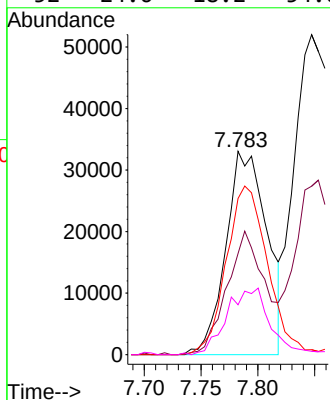
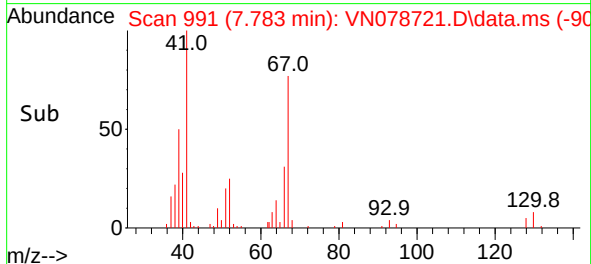
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080123



Tgt Ion: 41 Resp: 83110
Ion Ratio Lower Upper
41 100
39 49.8 33.9 101.6
67 76.8 45.9 137.6
52 24.6 18.2 54.6

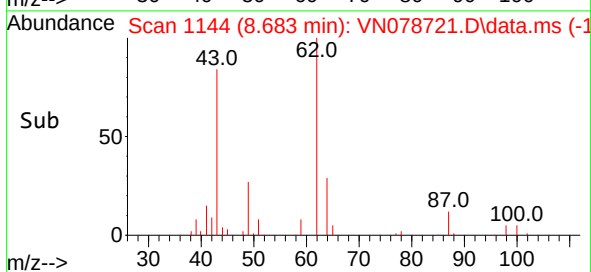
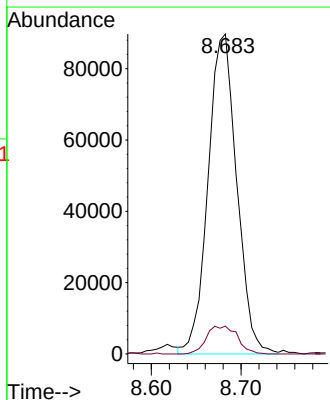
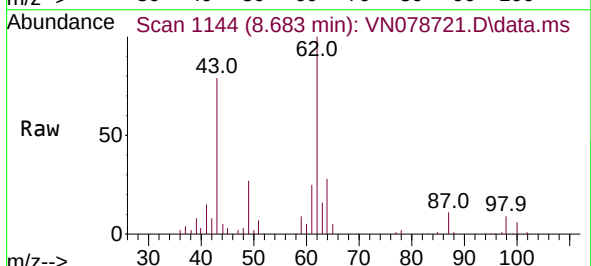
Manual Integrations
APPROVED

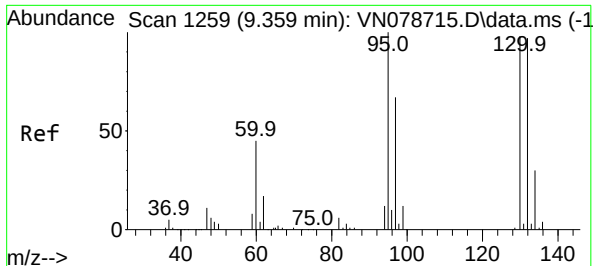
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#36
1,2-Dichloroethane
Concen: 21.768 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

Tgt Ion: 62 Resp: 199595
Ion Ratio Lower Upper
62 100
98 9.4 7.4 11.0





#37

Trichloroethene

Concen: 20.299 ug/l

RT: 9.359 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078721.D

Acq: 01 Aug 2023 17:00

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080123

Tgt Ion:130 Resp: 14871

Ion Ratio Lower Upper

130 100

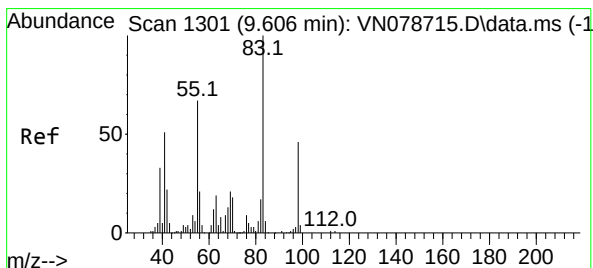
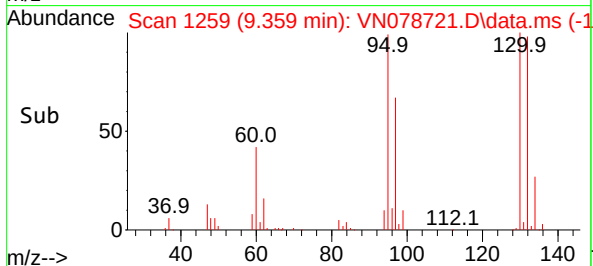
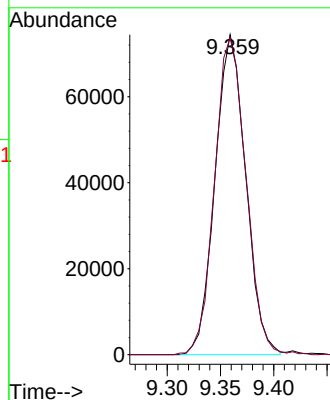
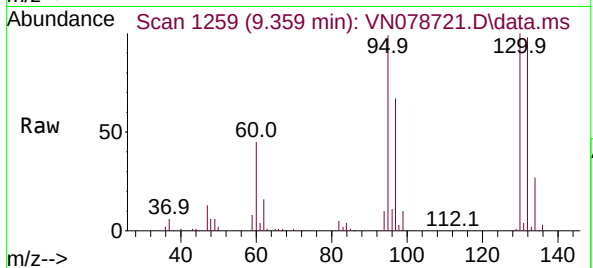
95 98.6 78.2 117.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#38

Methylcyclohexane

Concen: 20.373 ug/l

RT: 9.612 min Scan# 1302

Delta R.T. 0.006 min

Lab File: VN078721.D

Acq: 01 Aug 2023 17:00

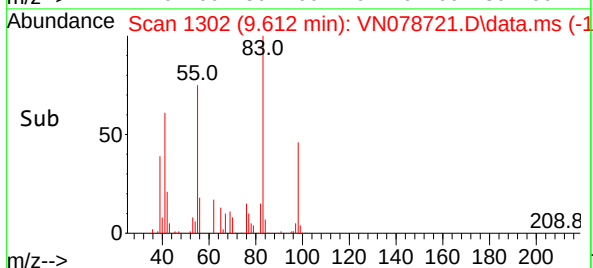
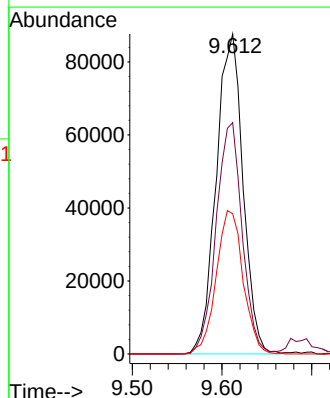
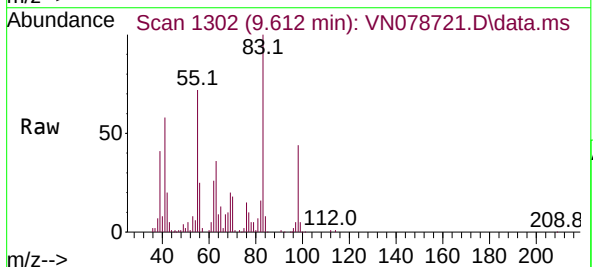
Tgt Ion: 83 Resp: 181935

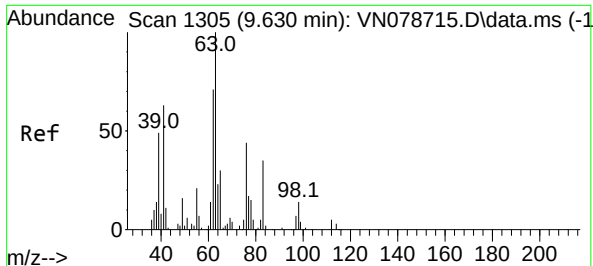
Ion Ratio Lower Upper

83 100

55 70.2 34.0 102.0

98 44.9 23.0 69.0





#39

1,2-Dichloropropane

Concen: 20.083 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VN078721.D

Acq: 01 Aug 2023 17:00

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080123

Tgt Ion: 63 Resp: 14055

Ion Ratio Lower Upper

63 100

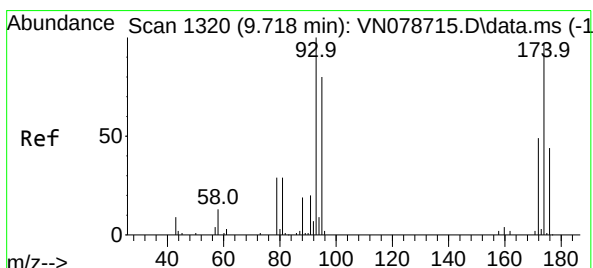
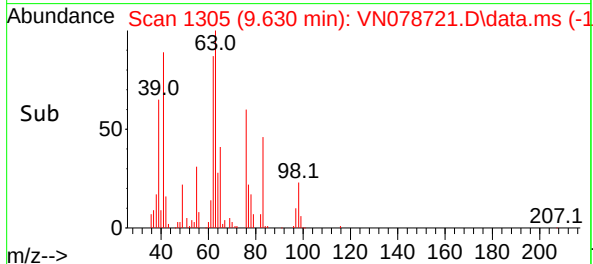
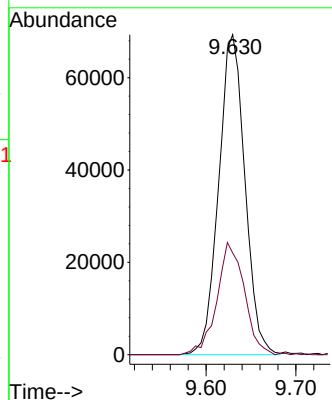
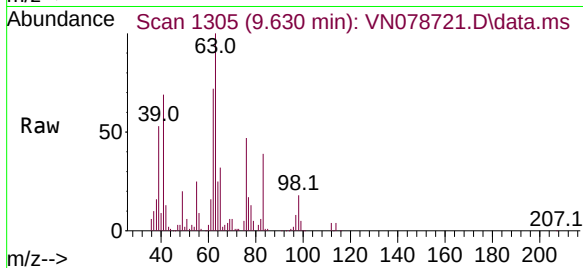
65 31.8 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#40

Dibromomethane

Concen: 21.703 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078721.D

Acq: 01 Aug 2023 17:00

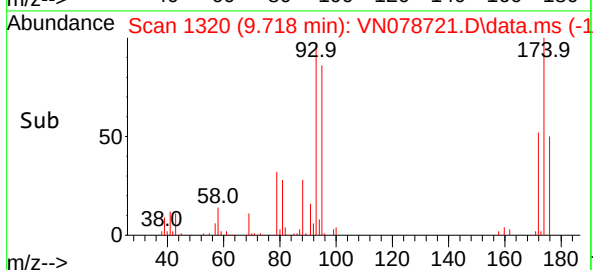
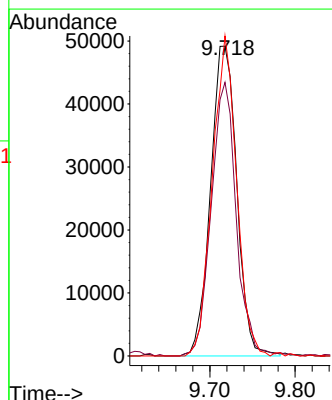
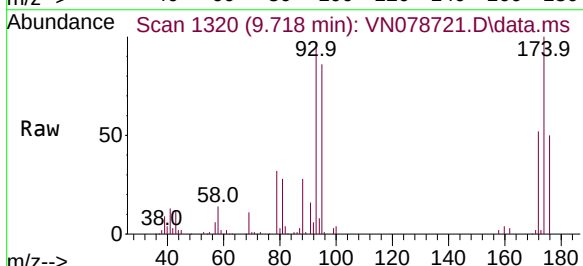
Tgt Ion: 93 Resp: 105130

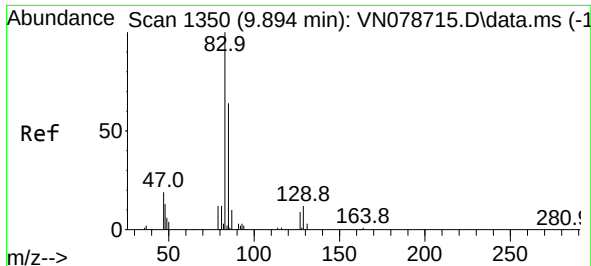
Ion Ratio Lower Upper

93 100

95 83.9 0.0 167.8

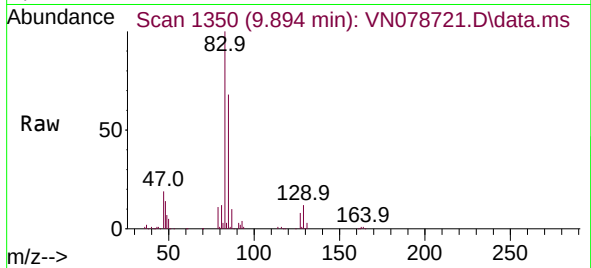
174 95.4 0.0 180.8





#41
Bromodichloromethane
Concen: 22.260 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

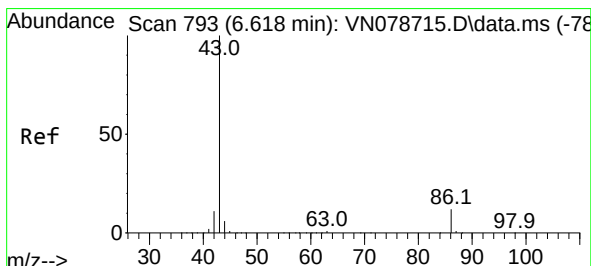
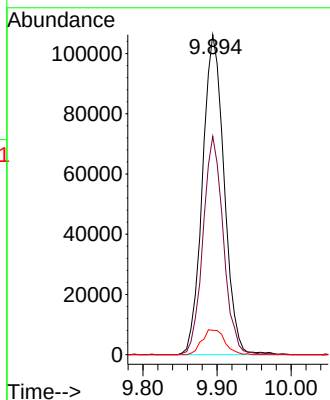
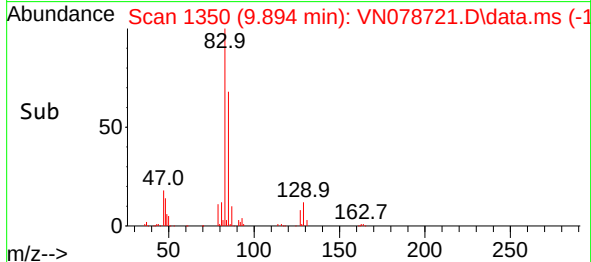
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080123



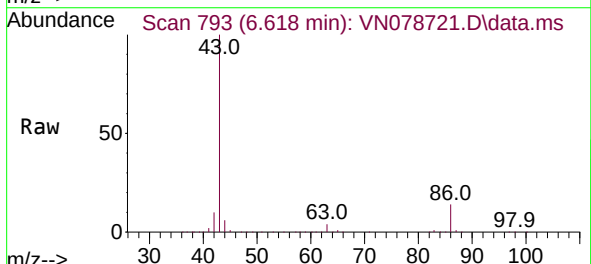
Tgt Ion: 83 Resp: 215572
Ion Ratio Lower Upper
83 100
85 68.2 54.1 81.1
127 7.6 7.8 11.6

Manual Integrations
APPROVED

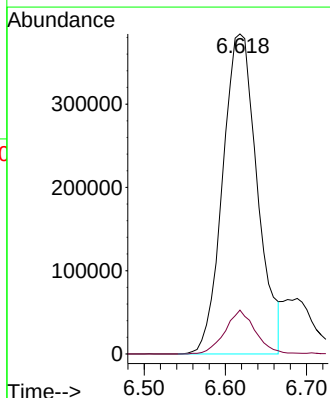
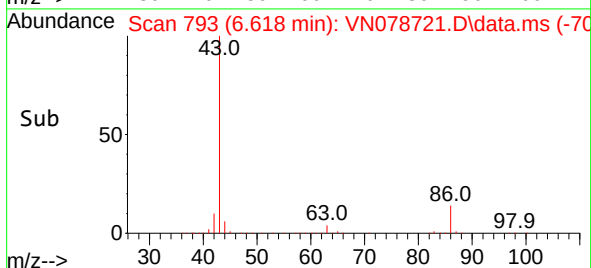
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

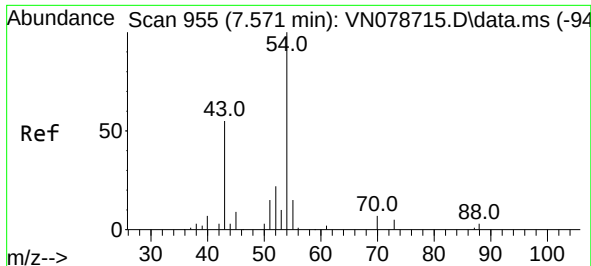


#42
Vinyl Acetate
Concen: 103.138 ug/l
RT: 6.618 min Scan# 793
Delta R.T. -0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00



Tgt Ion: 43 Resp: 1139252
Ion Ratio Lower Upper
43 100
86 12.1 9.4 14.0





#43

Ethyl Acetate

Concen: 19.405 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN078721.D

Acq: 01 Aug 2023 17:00

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080123

Tgt Ion: 43 Resp: 13783

Ion Ratio Lower Upper

43 100

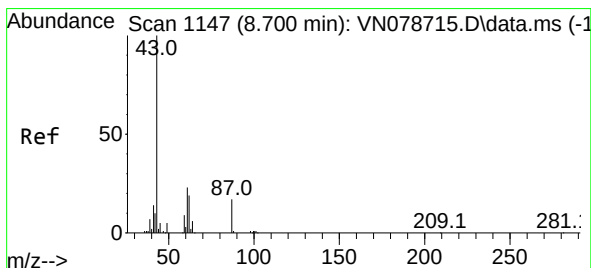
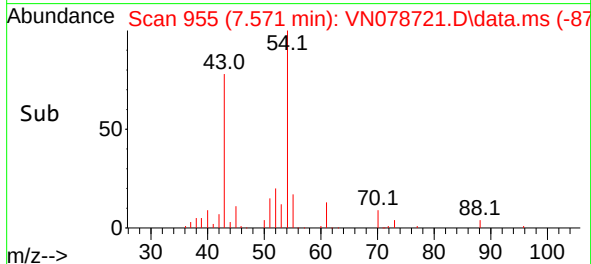
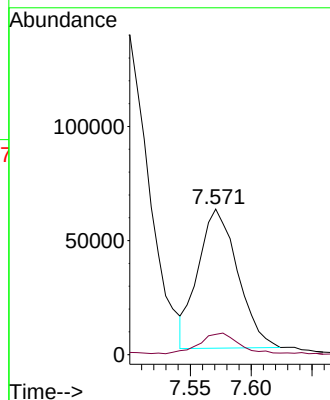
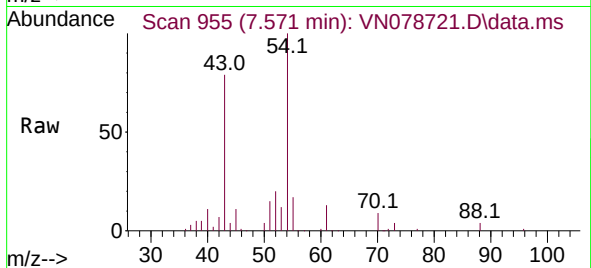
45 15.3 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#44

Isopropyl Acetate

Concen: 21.962 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. -0.006 min

Lab File: VN078721.D

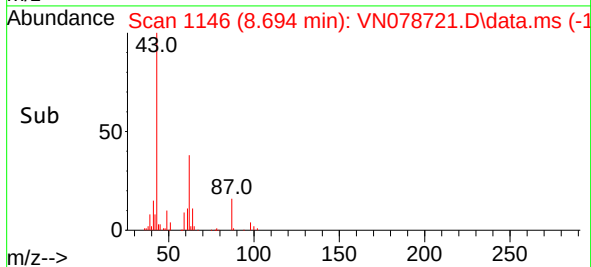
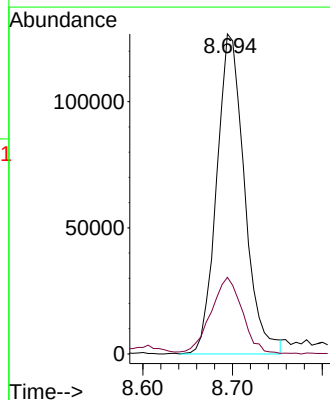
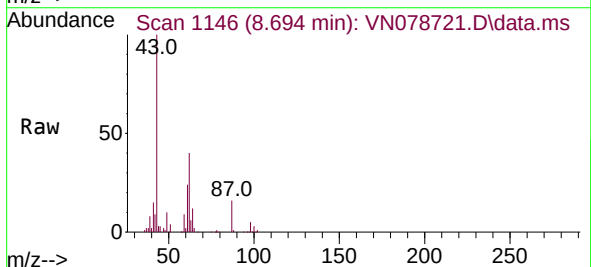
Acq: 01 Aug 2023 17:00

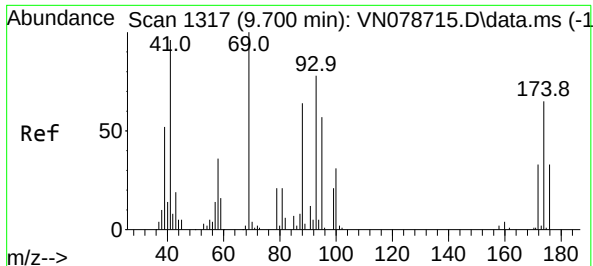
Tgt Ion: 43 Resp: 273685

Ion Ratio Lower Upper

43 100

61 27.2 23.0 34.6





#45

1,4-Dioxane

Concen: 449.853 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN078721.D

Acq: 01 Aug 2023 17:00

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080123

Tgt Ion: 88 Resp: 5156

Ion Ratio Lower Upper

88 100

43 23.7 19.0 28.6

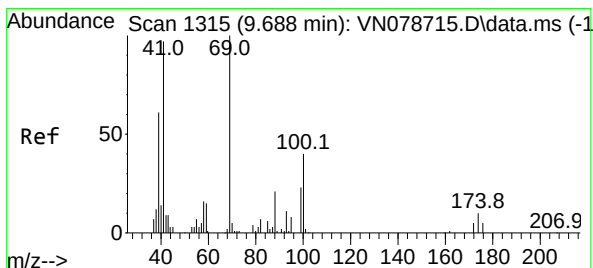
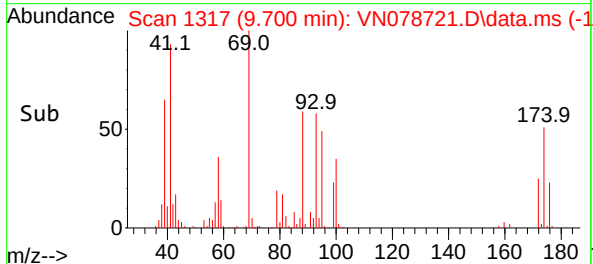
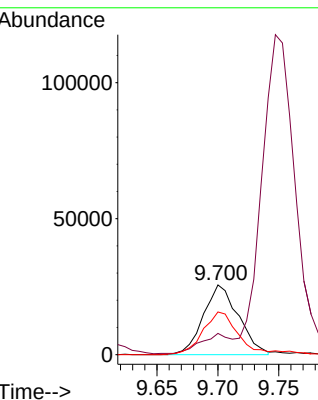
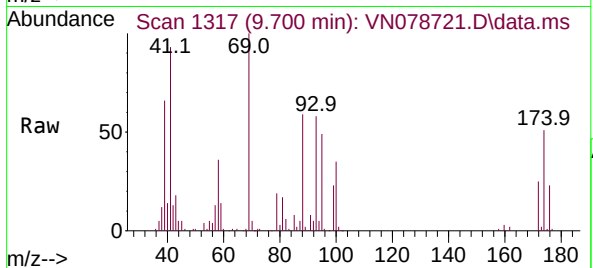
58 59.9 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#46

Methyl methacrylate

Concen: 22.148 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN078721.D

Acq: 01 Aug 2023 17:00

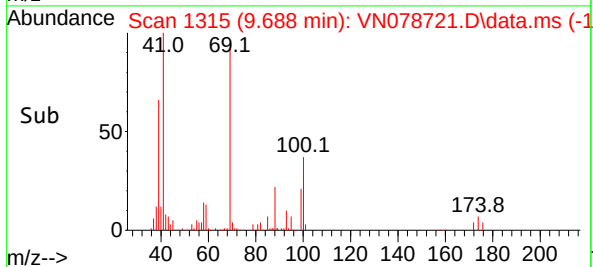
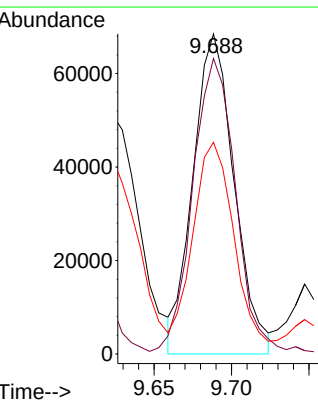
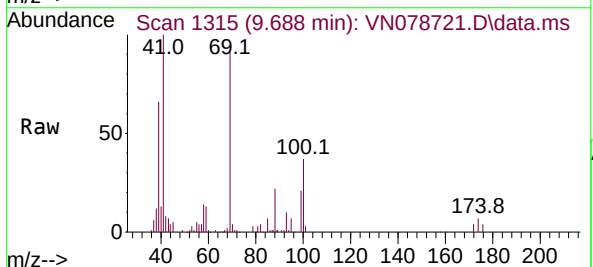
Tgt Ion: 41 Resp: 126395

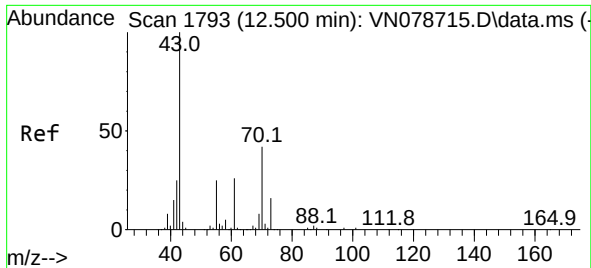
Ion Ratio Lower Upper

41 100

69 93.8 49.0 147.0

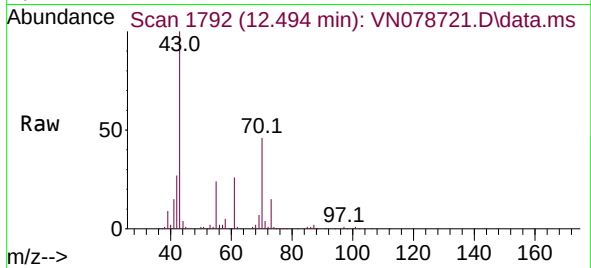
39 66.6 31.6 94.8





#47
n-amy1 Acetate
Concen: 24.706 ug/l
RT: 12.494 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

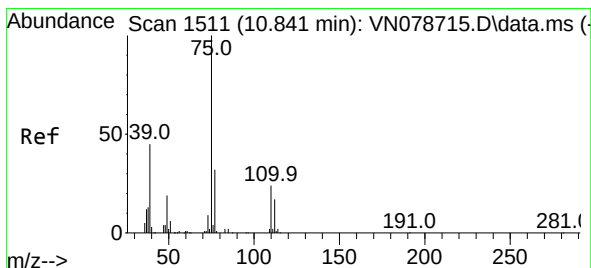
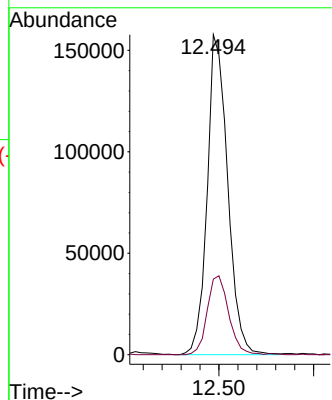
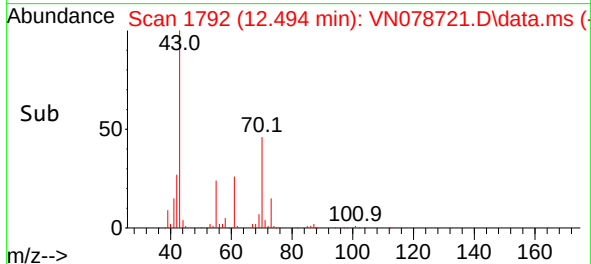
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080123



Tgt Ion: 43 Resp: 23712
Ion Ratio Lower Upper
43 100
55 25.7 21.5 32.3

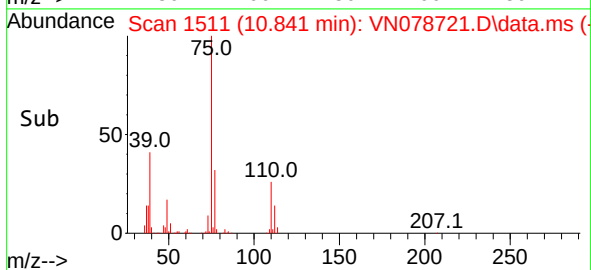
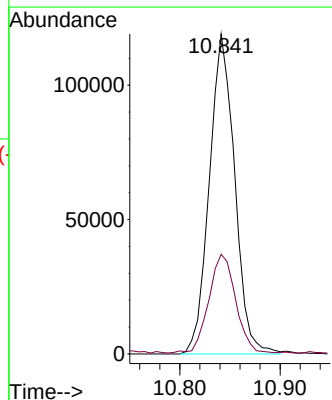
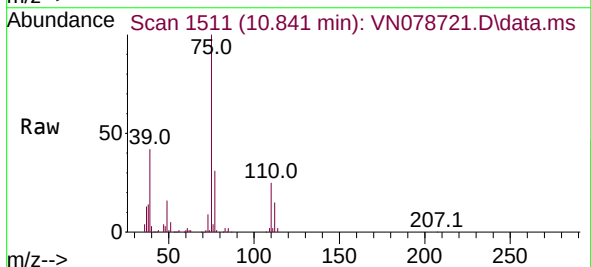
Manual Integrations
APPROVED

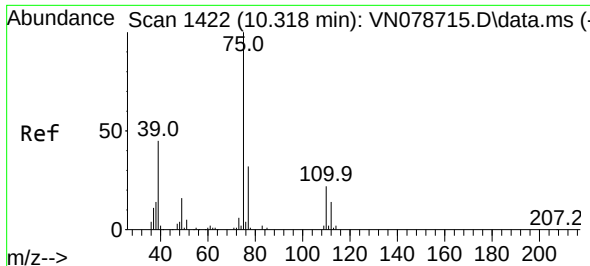
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#48
t-1,3-Dichloropropene
Concen: 20.246 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

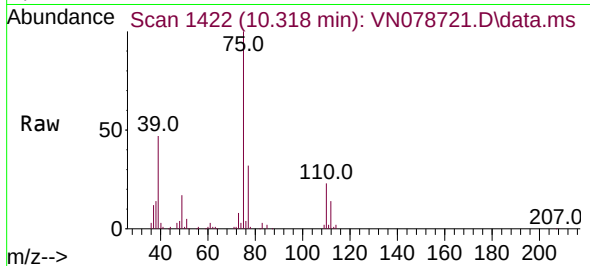
Tgt Ion: 75 Resp: 209265
Ion Ratio Lower Upper
75 100
77 30.7 26.1 39.1





#49
cis-1,3-Dichloropropene
Concen: 20.517 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

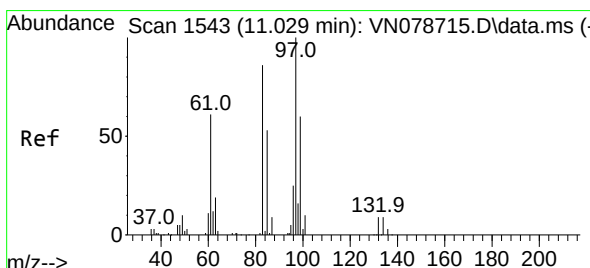
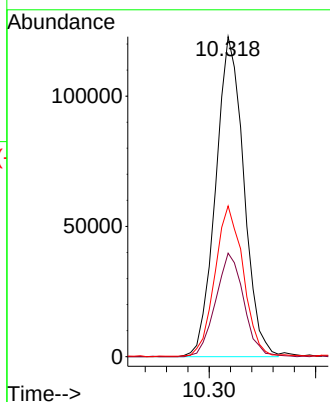
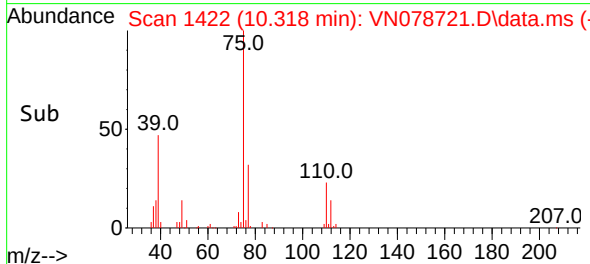
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080123



Tgt Ion: 75 Resp: 22524
Ion Ratio Lower Upper
75 100
77 32.4 24.0 36.0
39 47.0 35.1 52.7

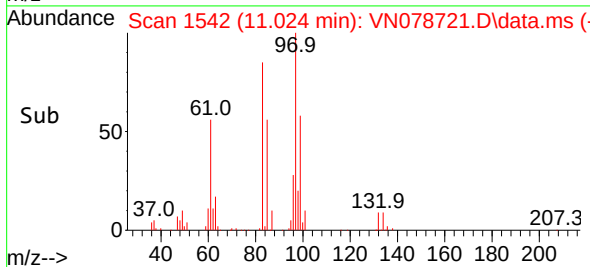
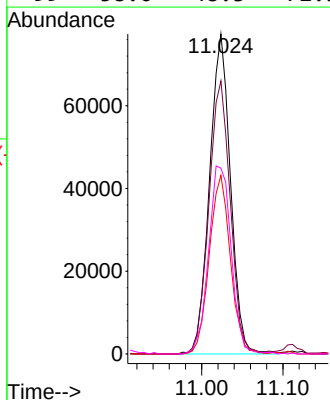
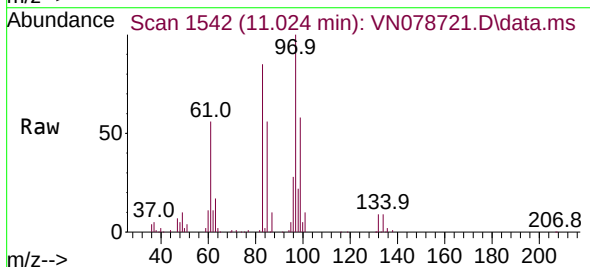
Manual Integrations
APPROVED

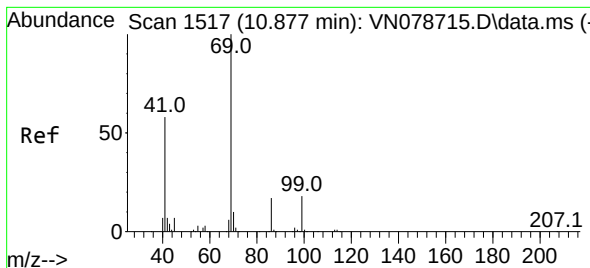
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#50
1,1,2-Trichloroethane
Concen: 20.193 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. -0.005 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

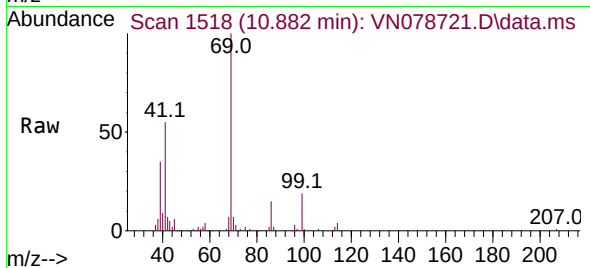
Tgt Ion: 97 Resp: 138467
Ion Ratio Lower Upper
97 100
83 85.3 66.8 100.2
85 55.8 42.5 63.7
99 58.0 48.3 72.5





#51
Ethyl methacrylate
Concen: 20.922 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.005 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

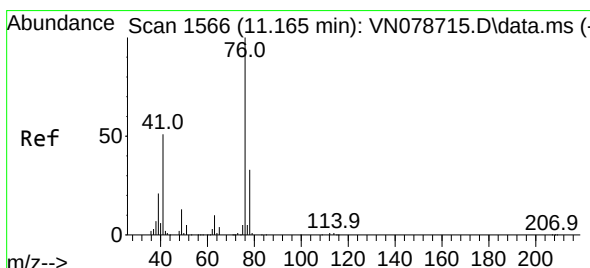
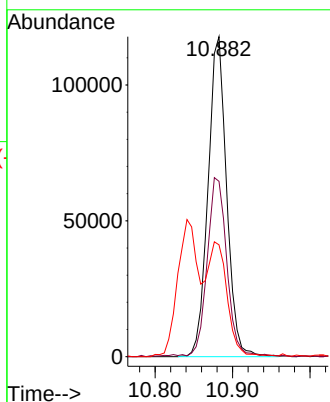
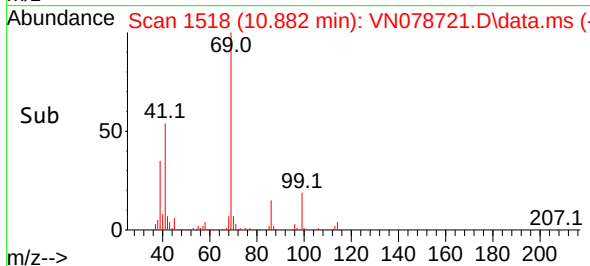
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080123



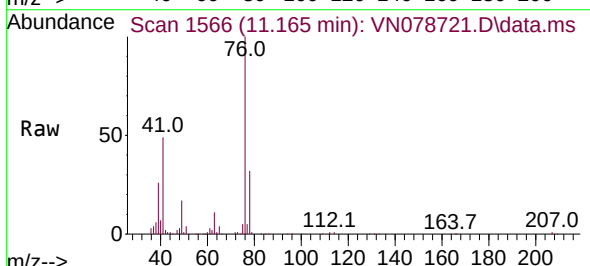
Tgt Ion: 69 Resp: 196415
Ion Ratio Lower Upper
69 100
41 54.5 26.0 78.0
39 34.8 16.3 48.9

Manual Integrations
APPROVED

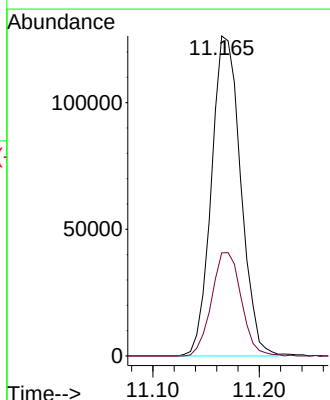
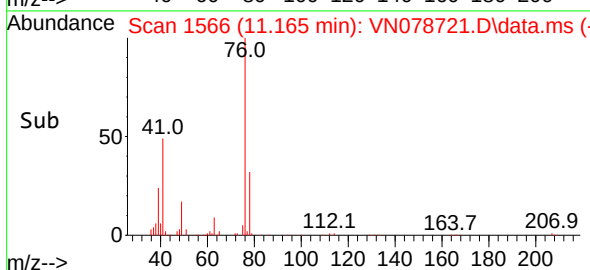
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

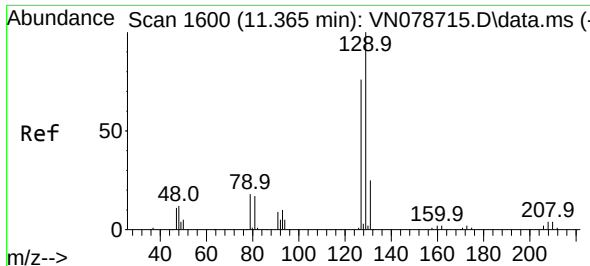


#52
1,3-Dichloropropane
Concen: 19.558 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00



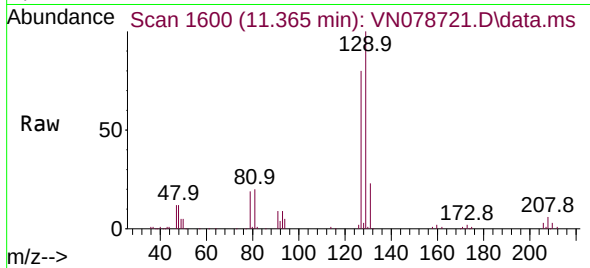
Tgt Ion: 76 Resp: 241041
Ion Ratio Lower Upper
76 100
78 32.7 0.0 66.2





#53
Dibromochloromethane
Concen: 20.501 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

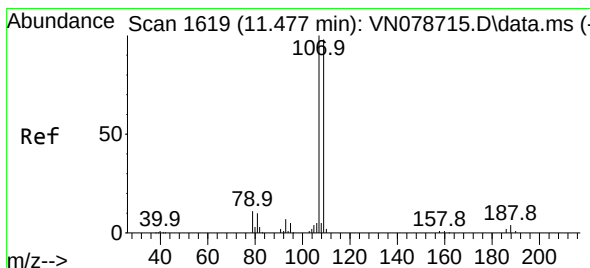
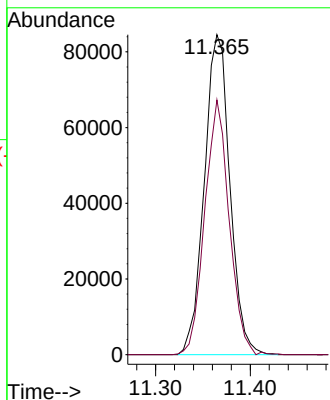
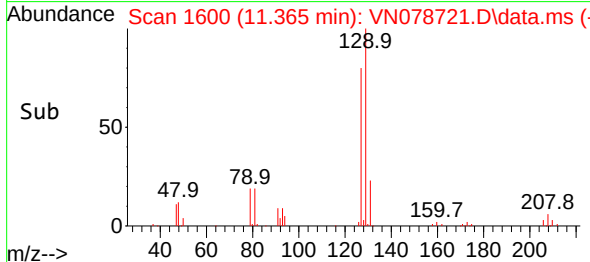
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080123



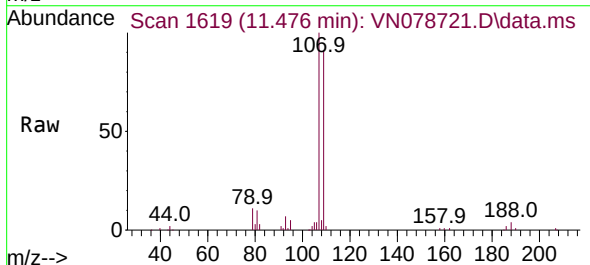
Tgt Ion:129 Resp: 158809
Ion Ratio Lower Upper
129 100
127 75.5 39.4 118.1

Manual Integrations
APPROVED

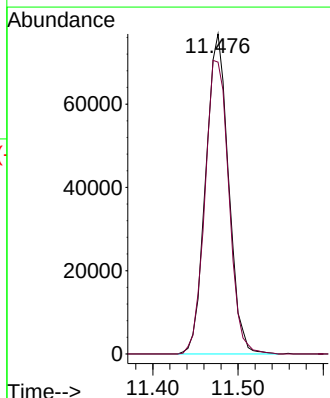
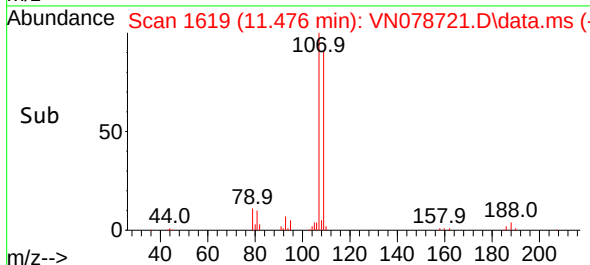
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

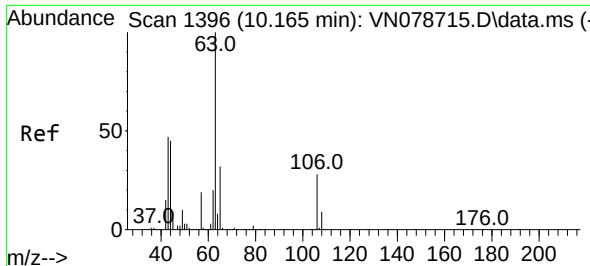


#54
1,2-Dibromoethane
Concen: 20.811 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.001 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00



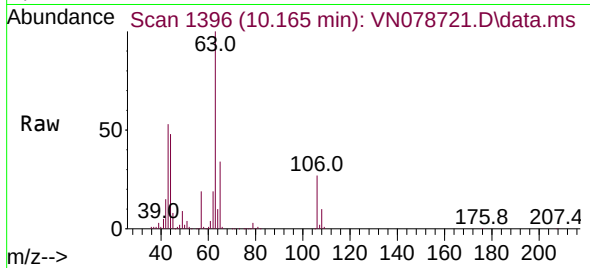
Tgt Ion:107 Resp: 143296
Ion Ratio Lower Upper
107 100
109 96.1 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 114.850 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

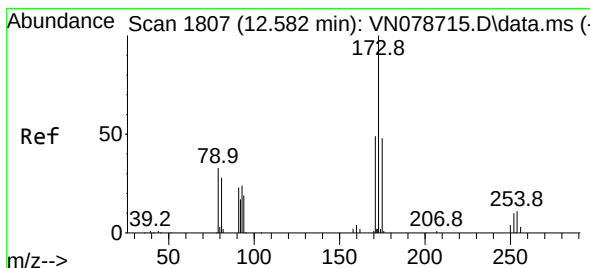
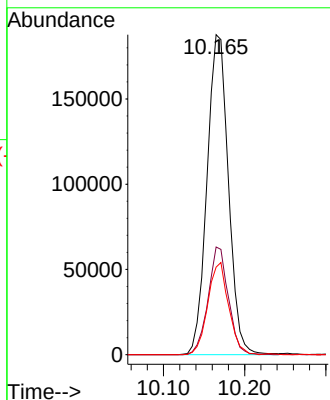
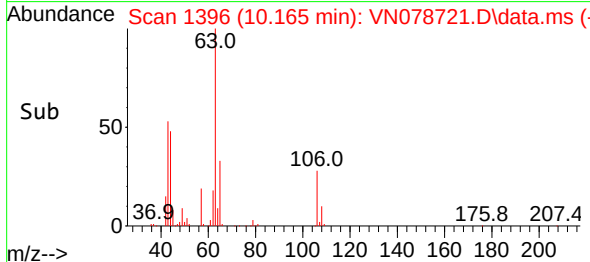
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080123



Tgt Ion: 63 Resp: 343570
Ion Ratio Lower Upper
63 100
65 31.8 26.3 39.5
106 28.1 23.8 35.6

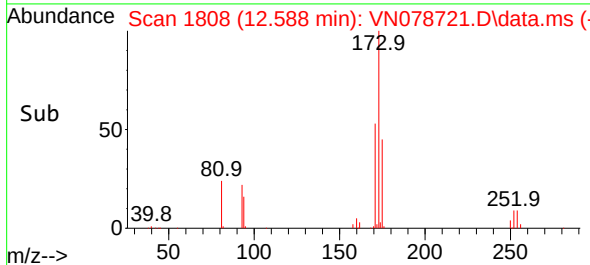
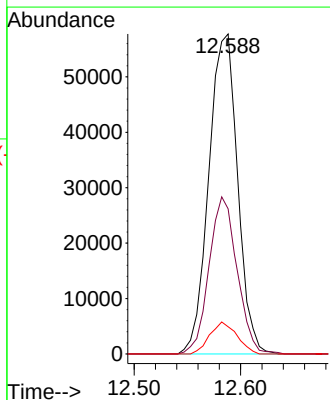
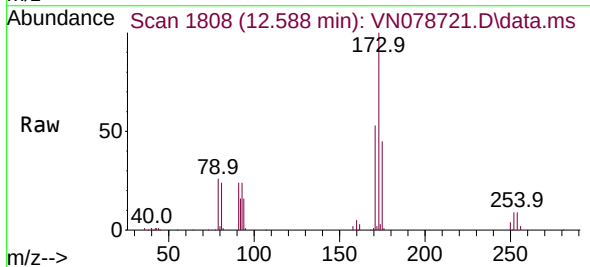
Manual Integrations
APPROVED

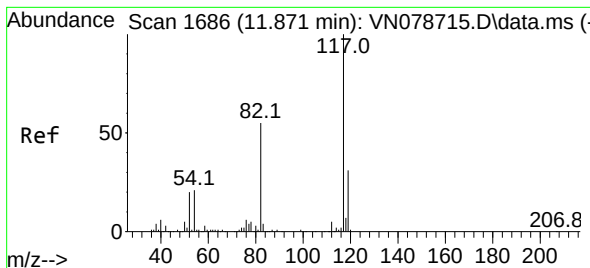
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#56
Bromoform
Concen: 21.392 ug/l
RT: 12.588 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

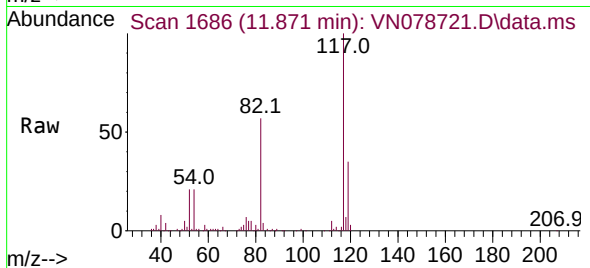
Tgt Ion:173 Resp: 108428
Ion Ratio Lower Upper
173 100
175 47.8 40.7 61.1
254 9.4 6.5 9.7





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

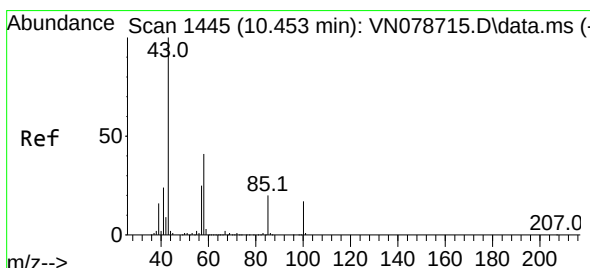
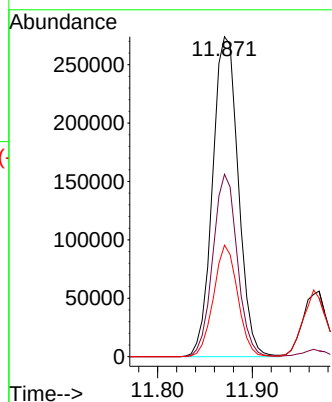
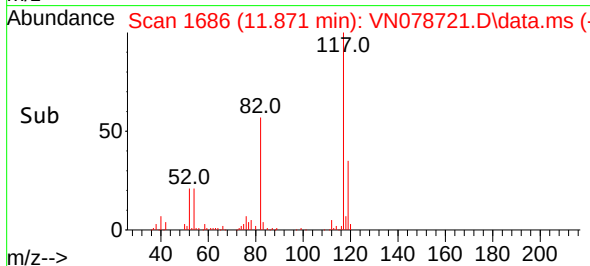
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080123



Tgt Ion:117 Resp: 517429
Ion Ratio Lower Upper
117 100
82 54.2 43.9 65.9
119 32.7 26.2 39.4

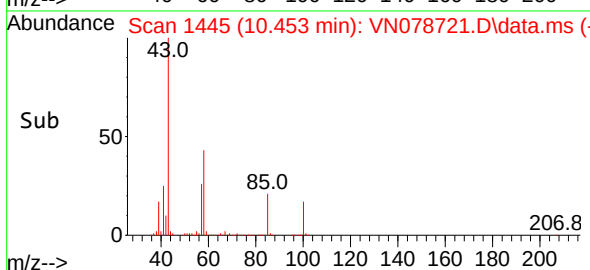
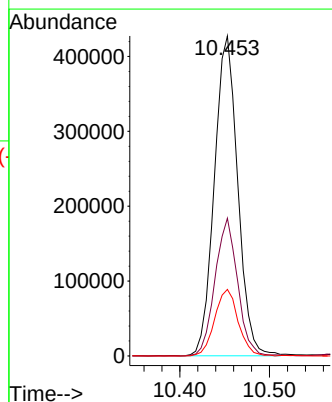
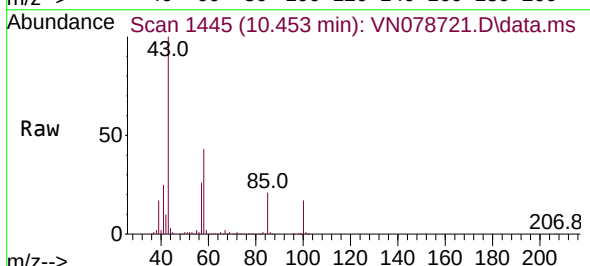
Manual Integrations
APPROVED

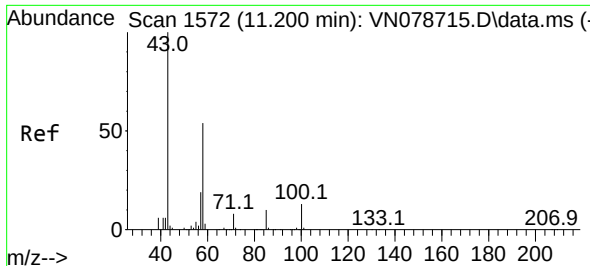
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#58
4-Methyl-2-Pentanone
Concen: 99.840 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

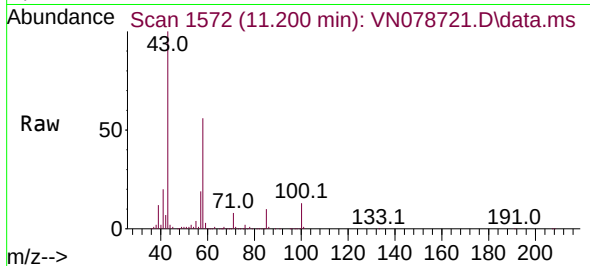
Tgt Ion: 43 Resp: 773246
Ion Ratio Lower Upper
43 100
58 41.5 32.6 48.8
85 20.9 16.2 24.2





#59
2-Hexanone
Concen: 96.161 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

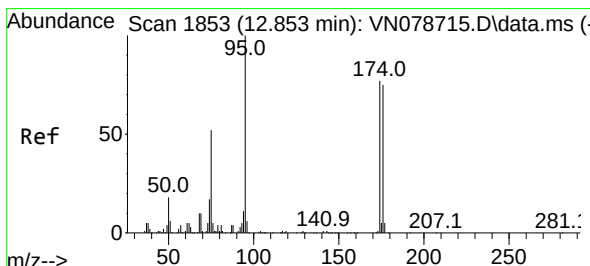
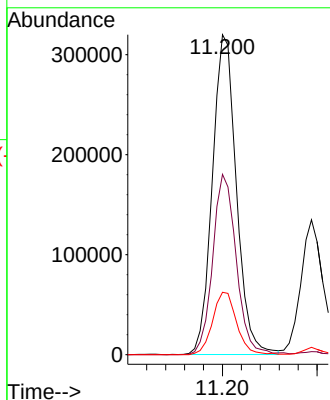
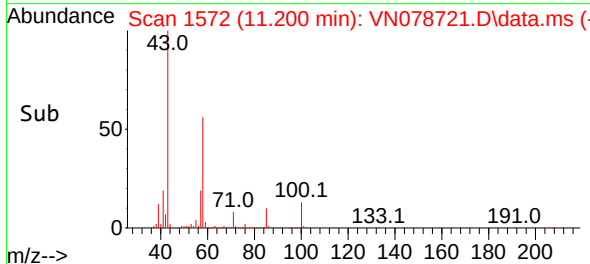
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080123



Tgt Ion: 43 Resp: 56389
Ion Ratio Lower Upper
43 100
58 55.1 45.9 68.9
57 19.4 15.8 23.6

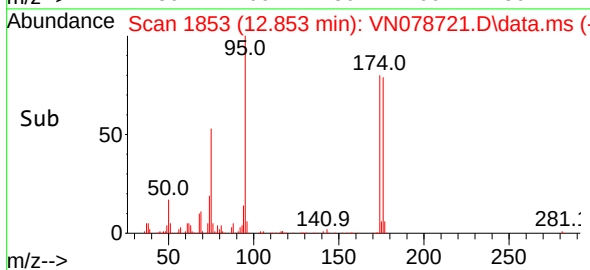
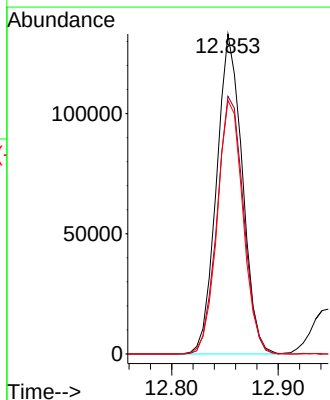
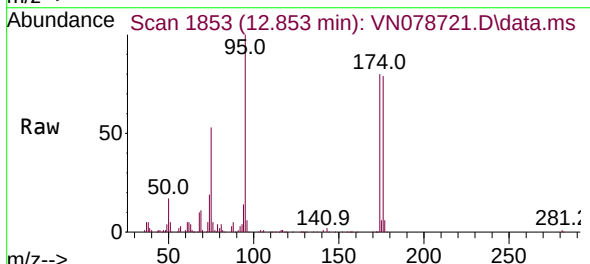
Manual Integrations
APPROVED

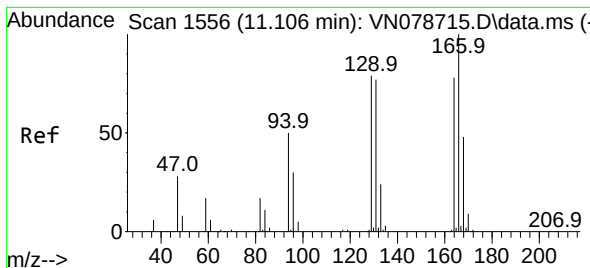
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#60
4-Bromofluorobenzene
Concen: 28.830 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

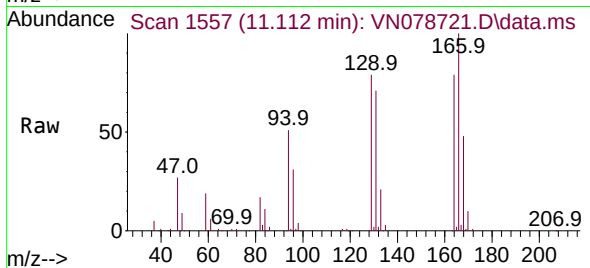
Tgt Ion: 95 Resp: 223562
Ion Ratio Lower Upper
95 100
174 82.4 61.7 92.5
176 79.3 58.1 87.1





#61
Tetrachloroethene
Concen: 18.885 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

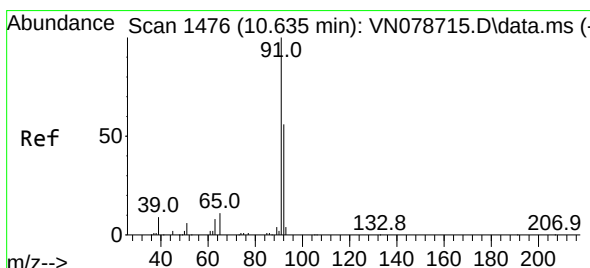
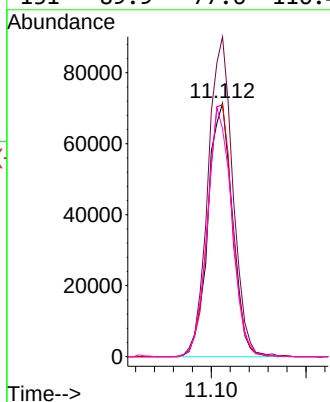
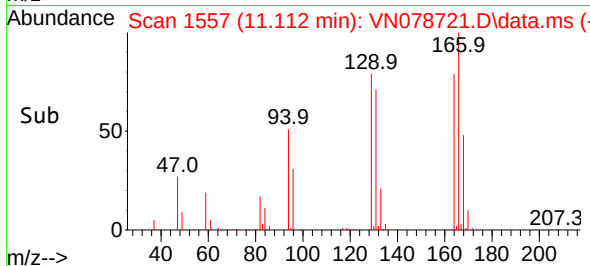
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080123



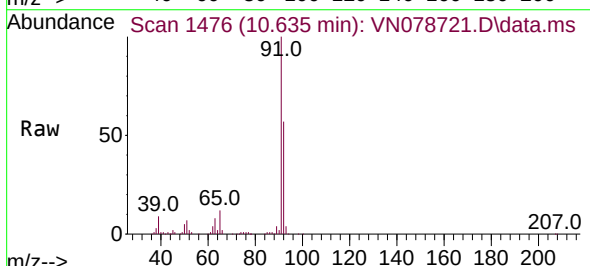
Tgt Ion:164 Resp: 128492
Ion Ratio Lower Upper
164 100
166 126.2 99.1 148.7
129 99.3 85.6 128.4
131 89.9 77.6 116.4

Manual Integrations
APPROVED

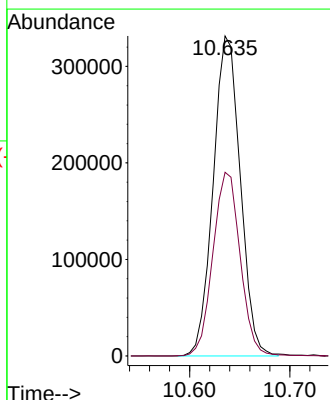
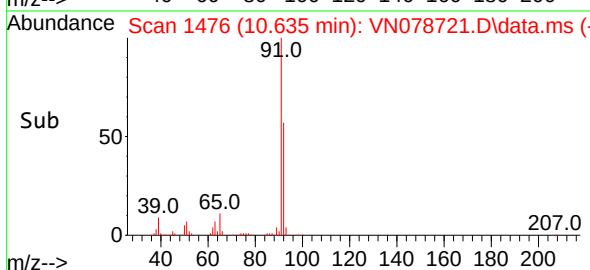
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

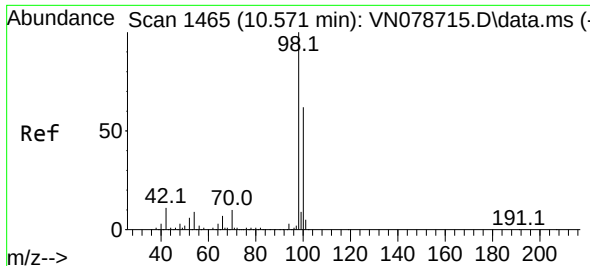


#62
Toluene
Concen: 19.980 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00



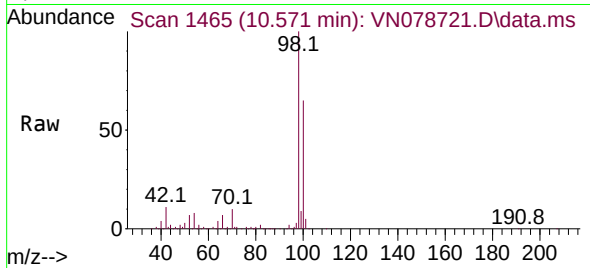
Tgt Ion: 91 Resp: 621871
Ion Ratio Lower Upper
91 100
92 57.8 45.2 67.8





#63
Toluene-d8
Concen: 29.168 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

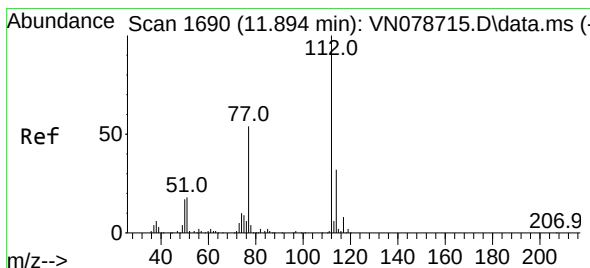
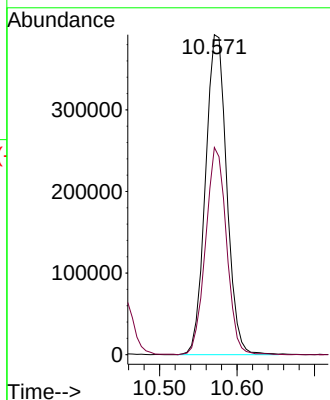
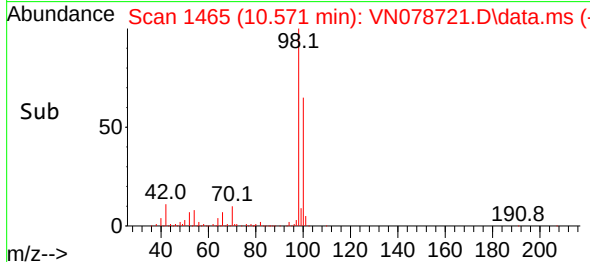
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080123



Tgt Ion: 98 Resp: 745558
Ion Ratio Lower Upper
98 100
100 63.6 49.7 74.5

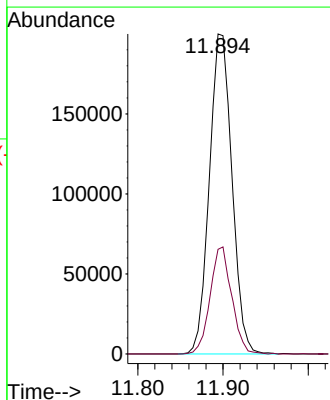
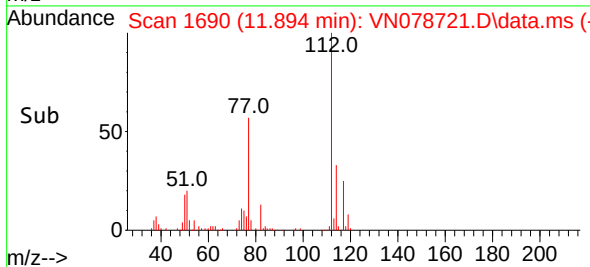
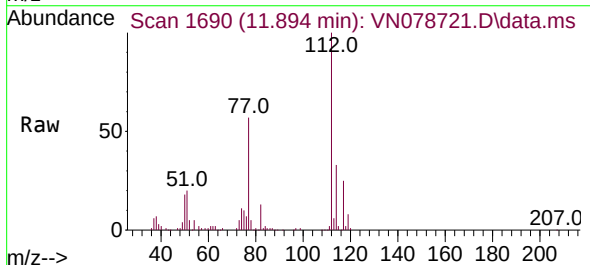
Manual Integrations
APPROVED

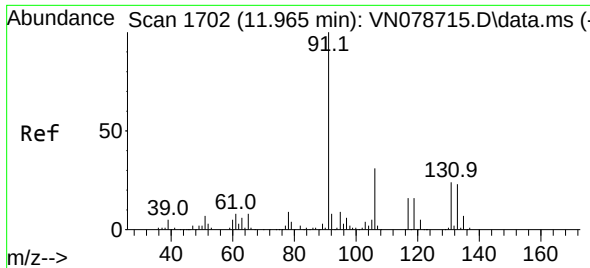
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#64
Chlorobenzene
Concen: 20.319 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

Tgt Ion:112 Resp: 369216
Ion Ratio Lower Upper
112 100
114 32.7 25.9 38.9





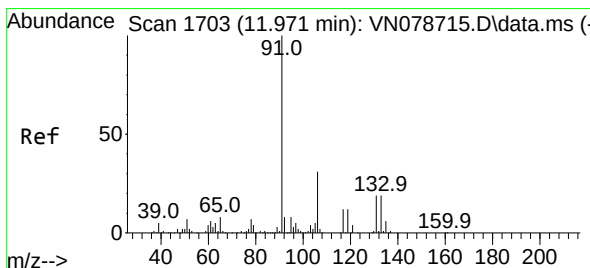
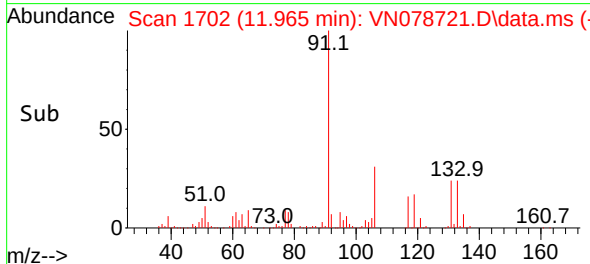
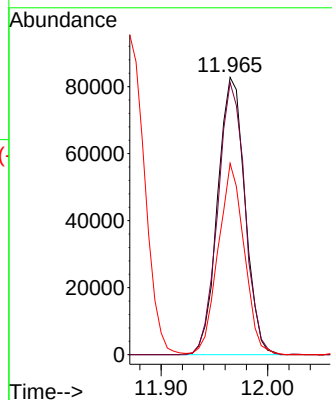
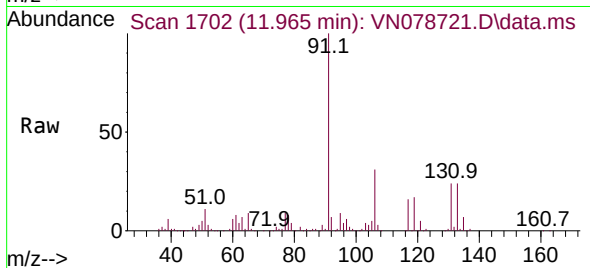
#65
1,1,1,2-Tetrachloroethane
Concen: 20.550 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

Instrument :
MSVOA_N
ClientSampleId :
ICVVN080123

Tgt Ion:131 Resp: 147269
Ion Ratio Lower Upper
131 100
133 97.6 0.0 191.8
119 65.7 0.0 132.0

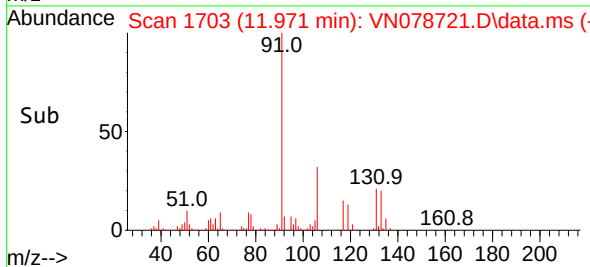
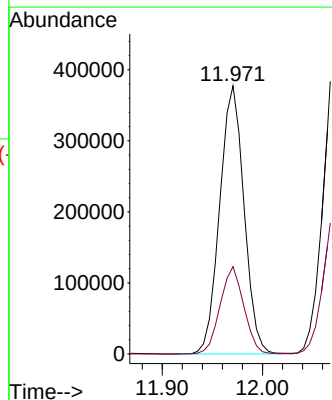
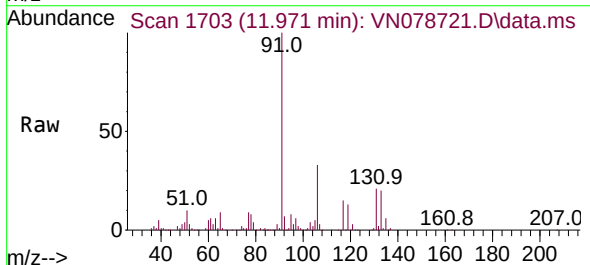
Manual Integrations
APPROVED

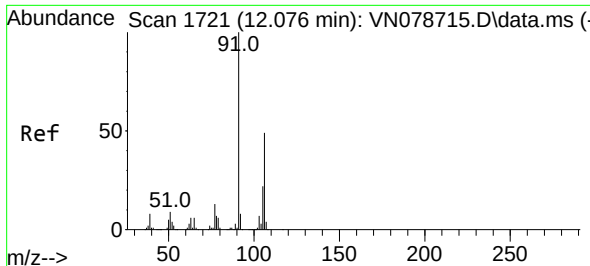
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#66
Ethyl Benzene
Concen: 20.269 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

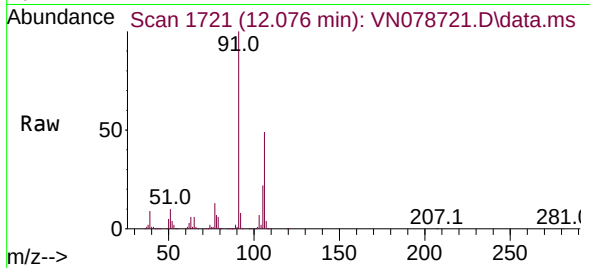
Tgt Ion: 91 Resp: 635784
Ion Ratio Lower Upper
91 100
106 32.6 25.6 38.4





#67
m/p-Xylenes
Concen: 40.775 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

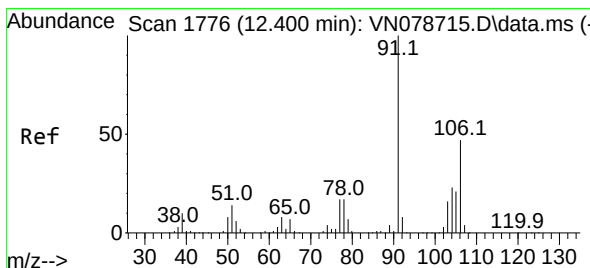
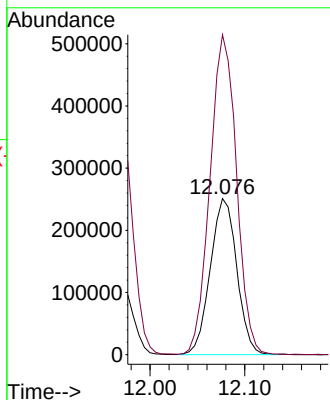
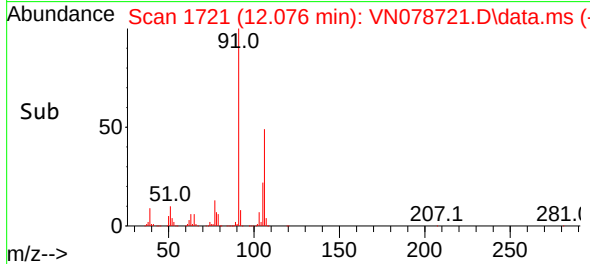
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080123



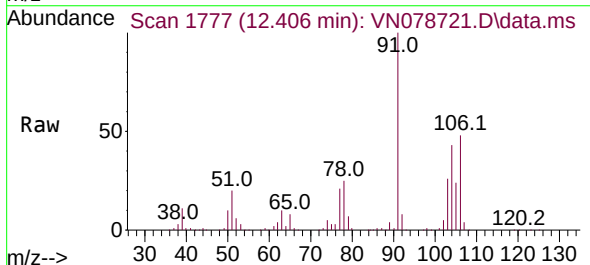
Tgt Ion:106 Resp: 488562
Ion Ratio Lower Upper
106 100
91 205.1 162.5 243.7

Manual Integrations
APPROVED

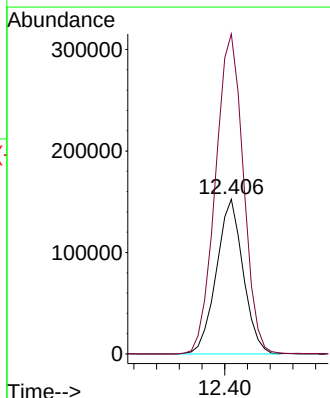
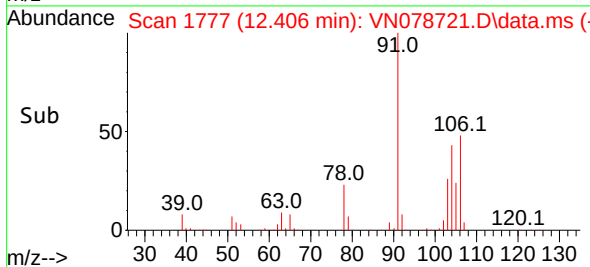
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

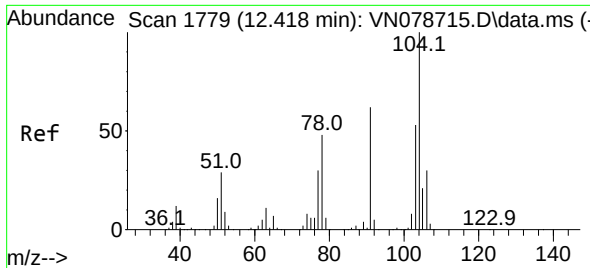


#68
o-Xylene
Concen: 20.468 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00



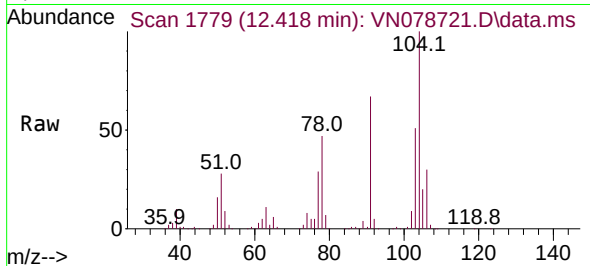
Tgt Ion:106 Resp: 249541
Ion Ratio Lower Upper
106 100
91 215.9 106.1 318.3





#69
Styrene
Concen: 20.203 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

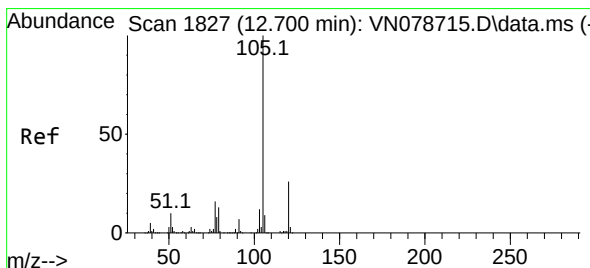
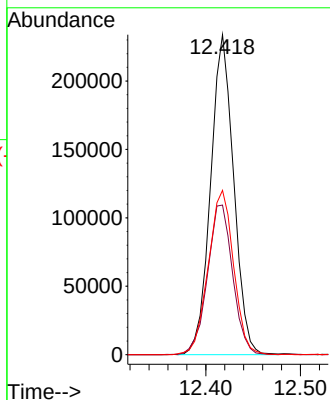
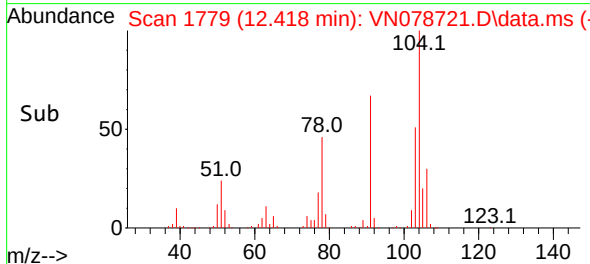
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080123



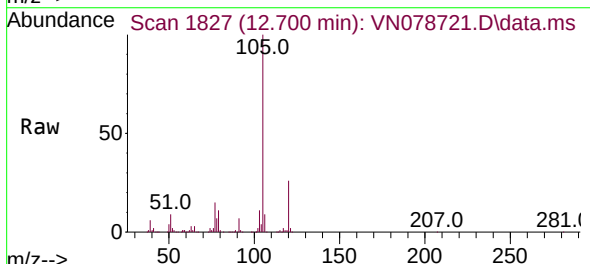
Tgt Ion:104 Resp: 39632
Ion Ratio Lower Upper
104 100
78 51.1 40.1 60.1
103 56.2 45.1 67.7

Manual Integrations
APPROVED

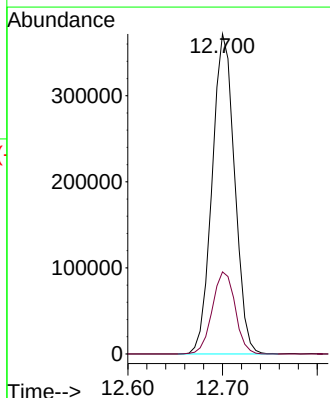
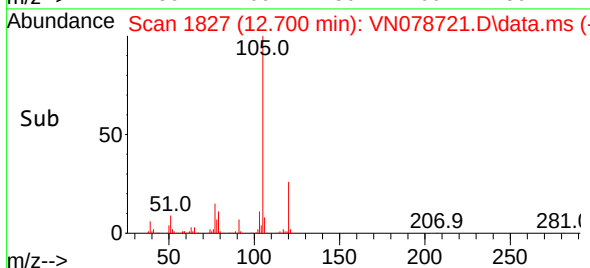
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

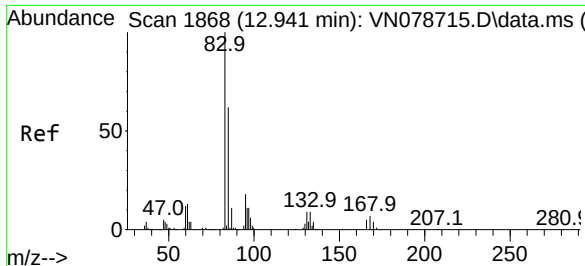


#70
Isopropylbenzene
Concen: 20.351 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00



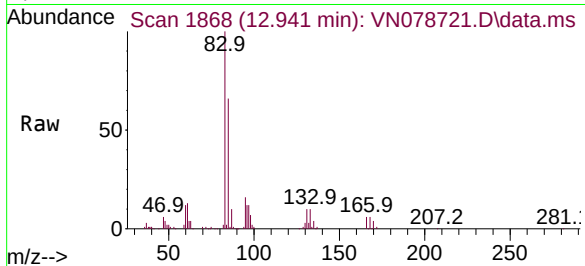
Tgt Ion:105 Resp: 613786
Ion Ratio Lower Upper
105 100
120 26.0 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 19.743 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

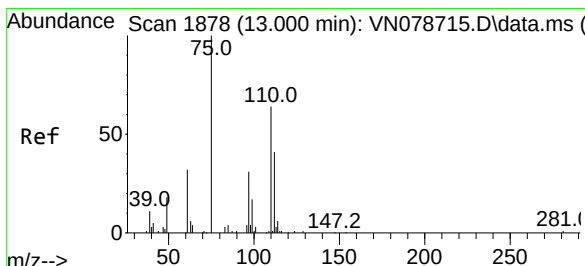
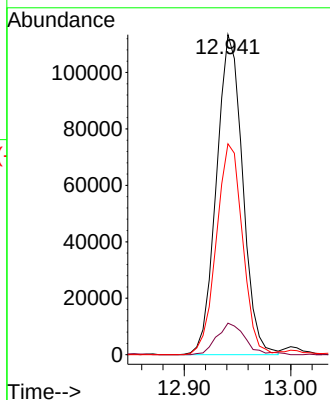
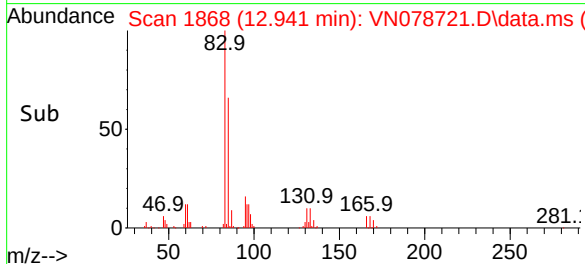
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080123



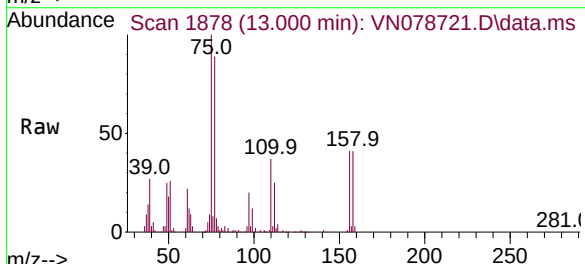
Tgt Ion: 83 Resp: 193428
Ion Ratio Lower Upper
83 100
131 10.3 4.8 14.4
85 65.9 32.6 98.0

Manual Integrations
APPROVED

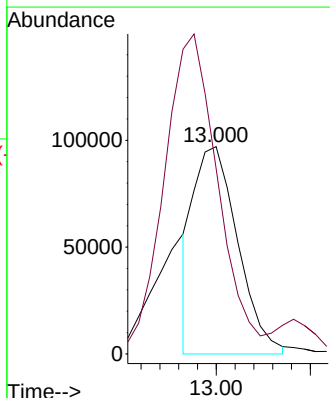
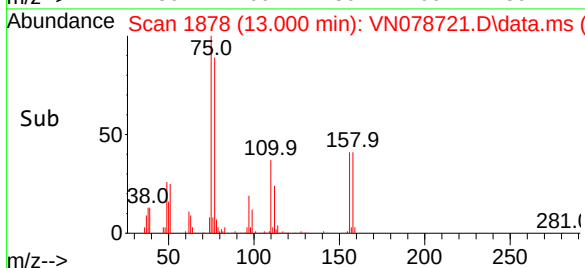
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

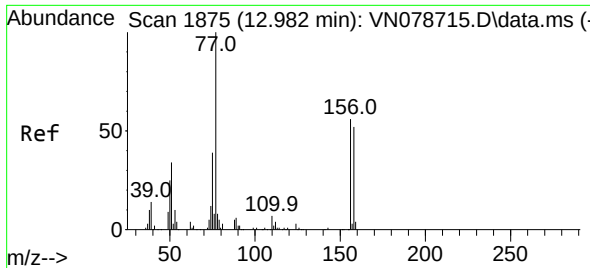


#72
1,2,3-Trichloropropane
Concen: 19.274 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00



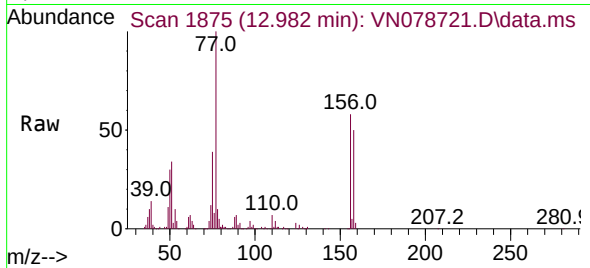
Tgt Ion: 75 Resp: 158407
Ion Ratio Lower Upper
75 100
77 187.7 0.0 387.4





#73
Bromobenzene
Concen: 19.828 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

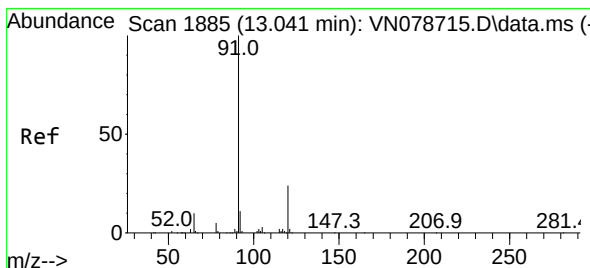
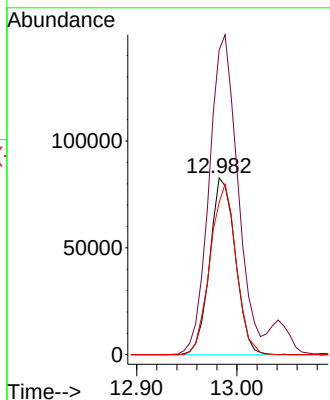
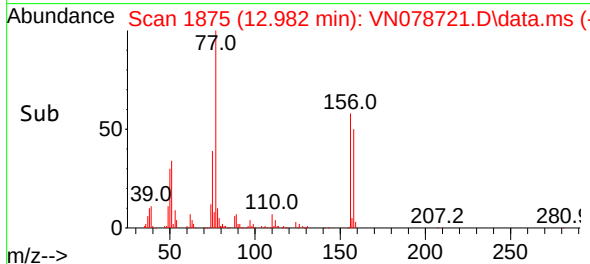
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080123



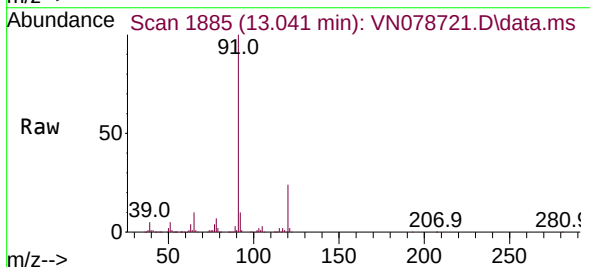
Tgt Ion:156 Resp: 146579
Ion Ratio Lower Upper
156 100
77 202.8 0.0 420.8
158 98.1 0.0 193.2

Manual Integrations
APPROVED

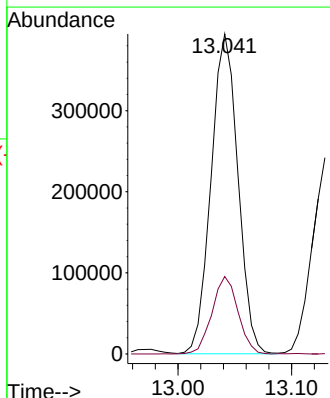
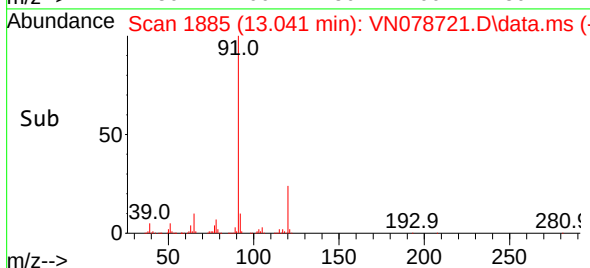
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

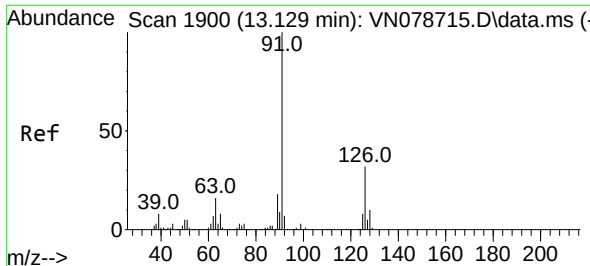


#74
n-propylbenzene
Concen: 19.408 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00



Tgt Ion: 91 Resp: 648802
Ion Ratio Lower Upper
91 100
120 23.4 0.0 44.6





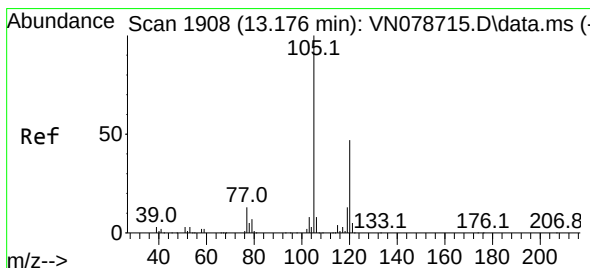
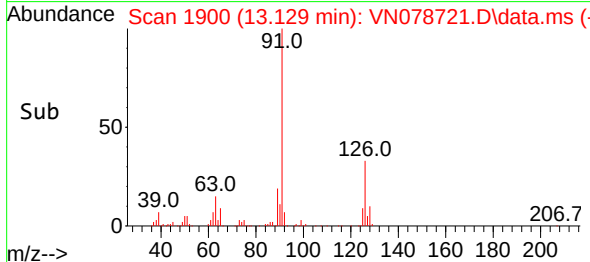
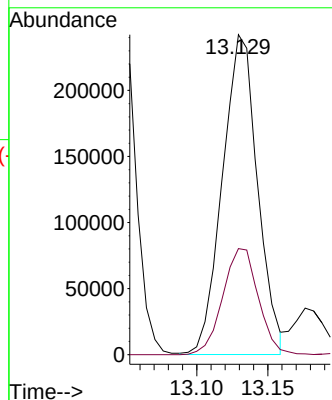
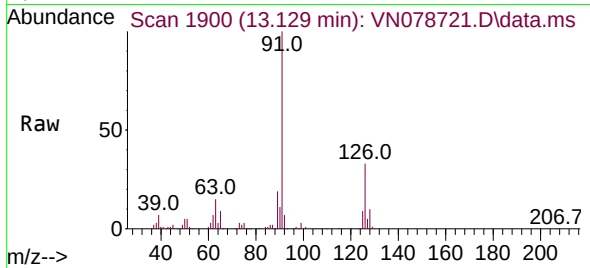
#75
2-Chlorotoluene
Concen: 18.042 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

Instrument :
MSVOA_N
ClientSampleId :
ICVVN080123

Tgt Ion: 91 Resp: 416520
Ion Ratio Lower Upper
91 100
126 33.6 0.0 67.2

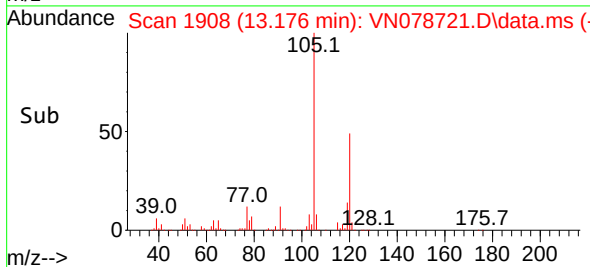
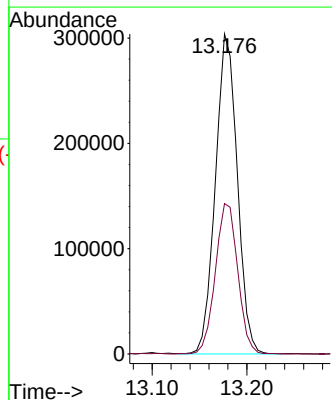
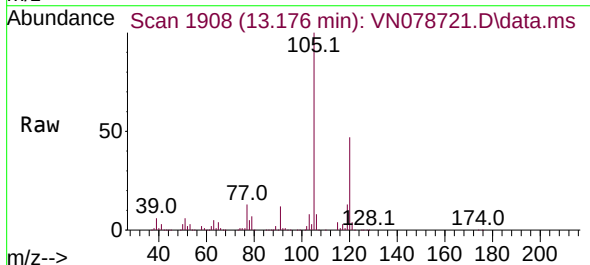
Manual Integrations
APPROVED

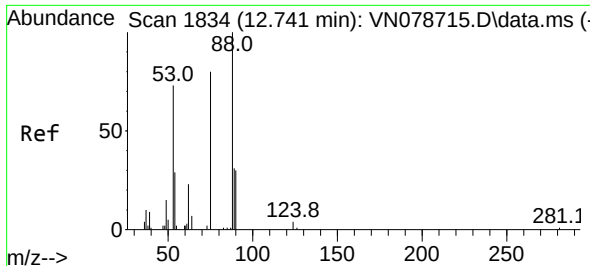
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#76
1,3,5-Trimethylbenzene
Concen: 18.132 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

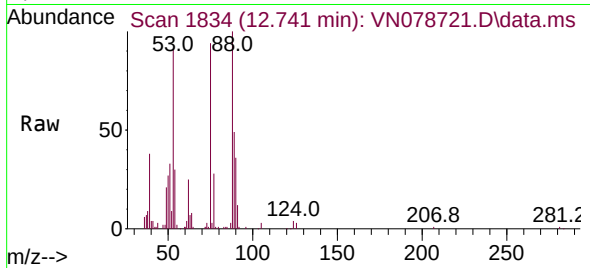
Tgt Ion:105 Resp: 488272
Ion Ratio Lower Upper
105 100
120 47.8 0.0 97.2





#77
t-1,4-Dichloro-2-butene
Concen: 19.152 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

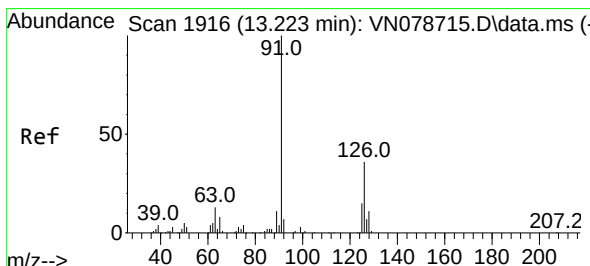
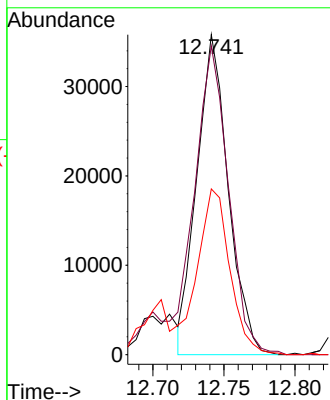
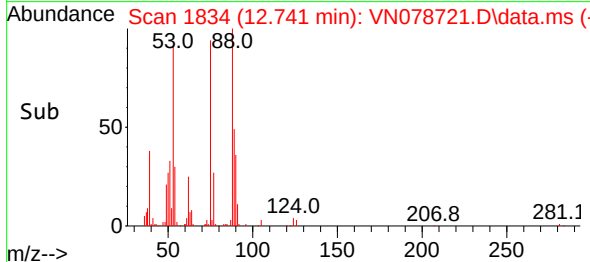
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080123



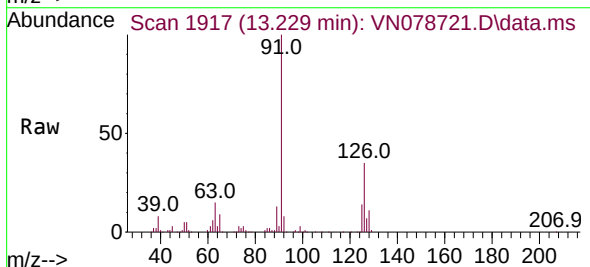
Tgt Ion: 75 Resp: 55014
Ion Ratio Lower Upper
75 100
53 95.4 41.6 124.9
89 51.3 25.1 75.4

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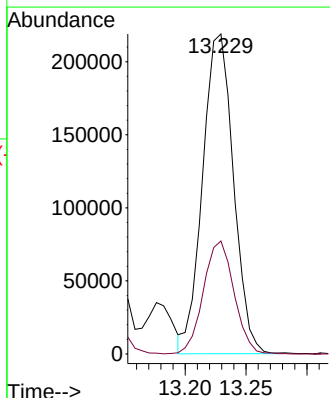
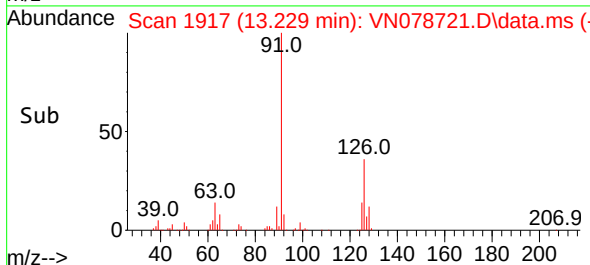
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

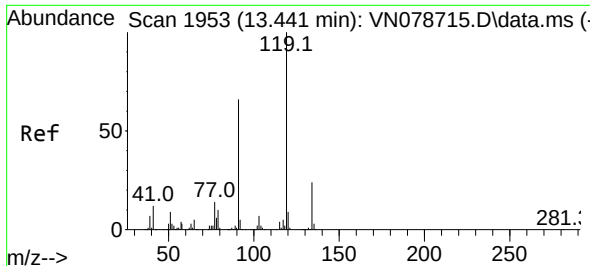


#78
4-Chlorotoluene
Concen: 17.310 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00



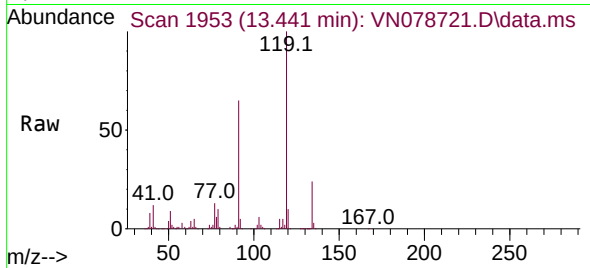
Tgt Ion: 91 Resp: 385855
Ion Ratio Lower Upper
91 100
126 35.1 0.0 68.8





#79
tert-butylbenzene
Concen: 17.940 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

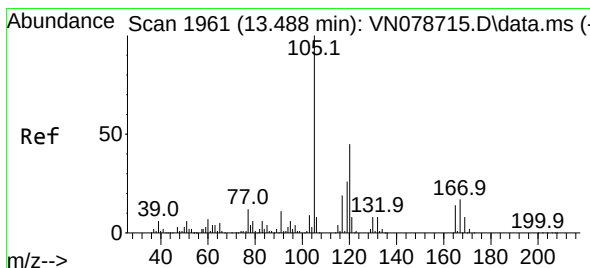
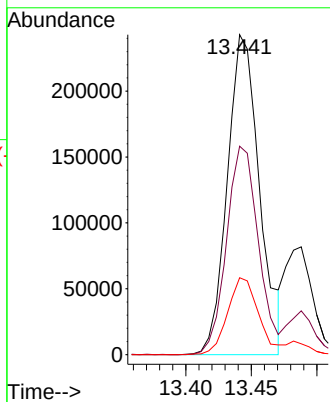
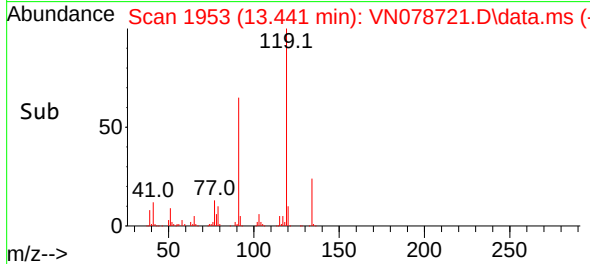
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080123



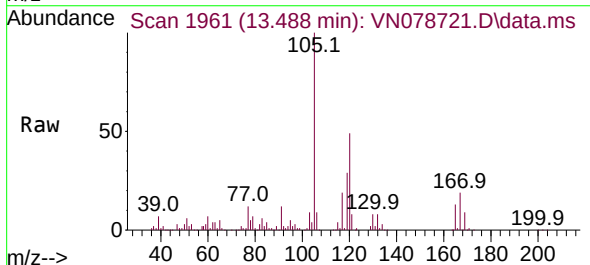
Tgt Ion:119 Resp: 415798
Ion Ratio Lower Upper
119 100
91 64.4 0.0 126.6
134 22.9 0.0 44.0

Manual Integrations
APPROVED

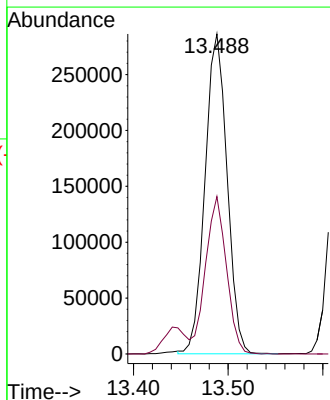
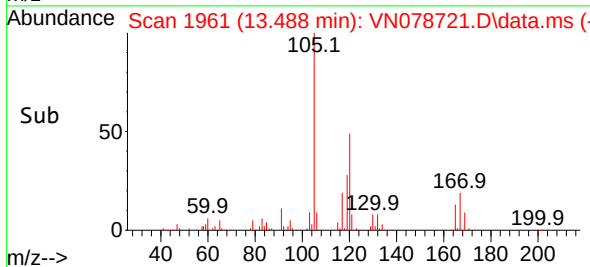
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

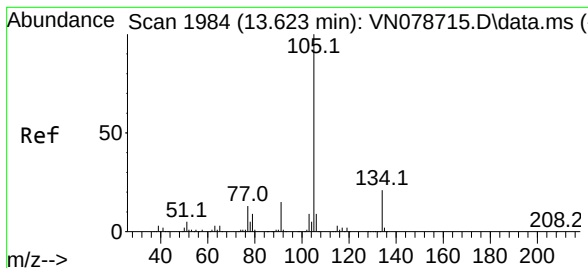


#80
1,2,4-Trimethylbenzene
Concen: 17.999 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00



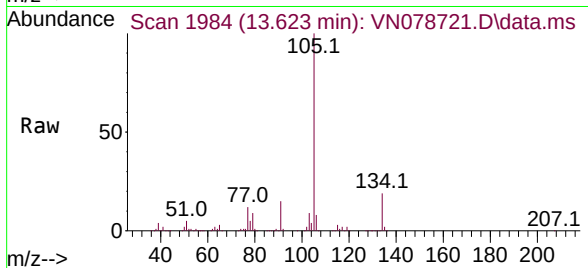
Tgt Ion:105 Resp: 462919
Ion Ratio Lower Upper
105 100
120 46.8 0.0 88.2





#81
 sec-Butylbenzene
 Concen: 17.554 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078721.D
 Acq: 01 Aug 2023 17:00

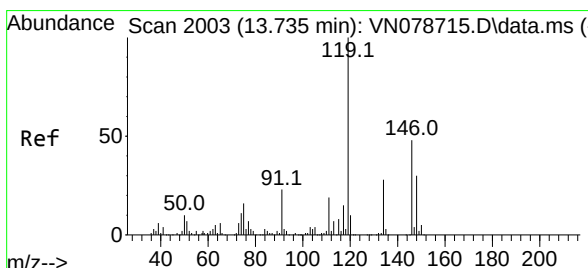
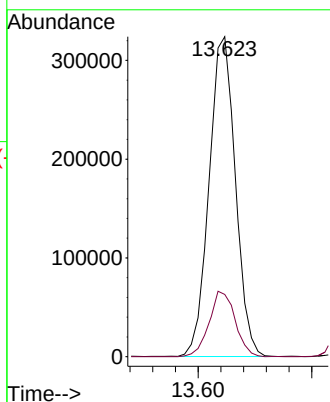
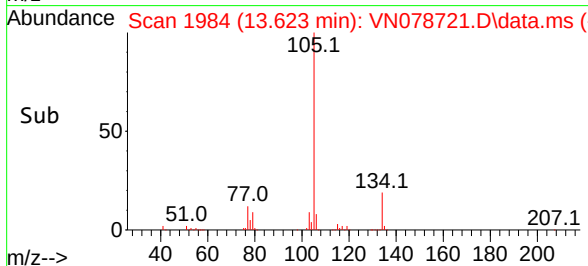
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080123



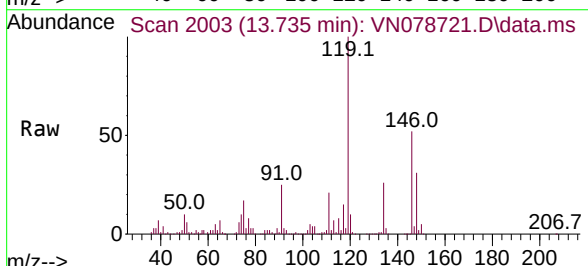
Tgt Ion:105 Resp: 521498
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 38.6

Manual Integrations
 APPROVED

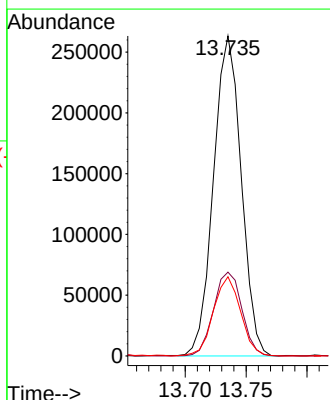
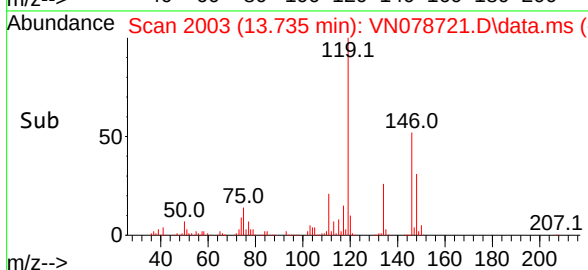
Reviewed By :John Carlone 08/02/2023
 Supervised By :Mahesh Dadoda 08/02/2023

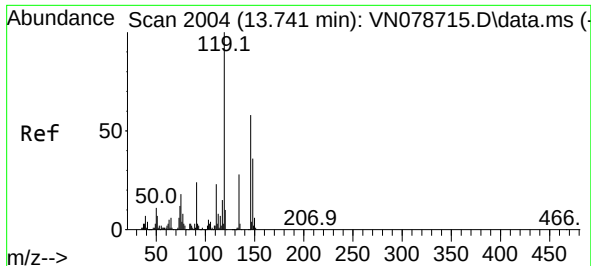


#82
 p-Isopropyltoluene
 Concen: 17.100 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078721.D
 Acq: 01 Aug 2023 17:00



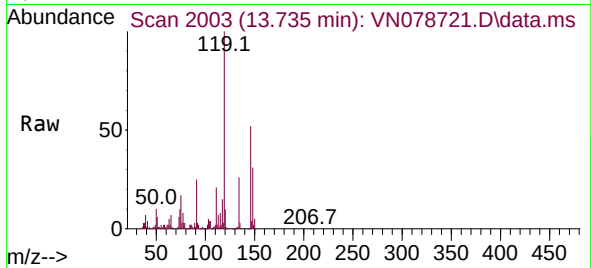
Tgt Ion:119 Resp: 417055
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 52.4
 91 24.3 0.0 48.2





#83
1,3-Dichlorobenzene
Concen: 17.769 ug/l
RT: 13.735 min Scan# 2004
Delta R.T. -0.006 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

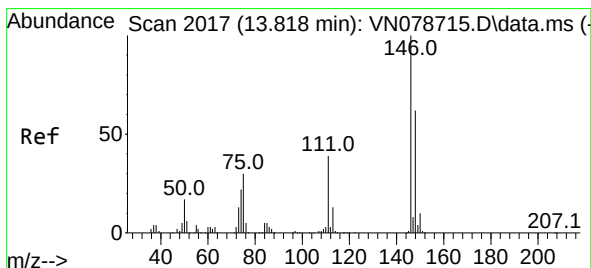
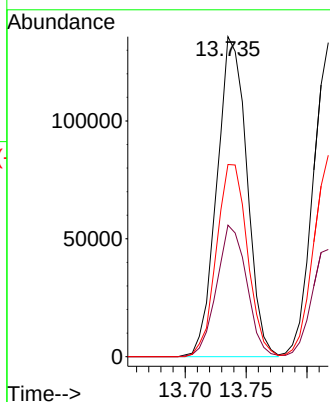
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080123



Tgt Ion:146 Resp: 232945
Ion Ratio Lower Upper
146 100
111 41.2 21.6 64.6
148 61.9 31.9 95.5

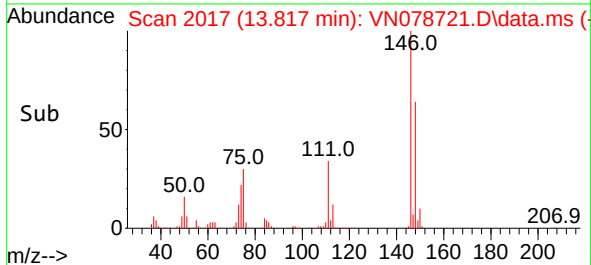
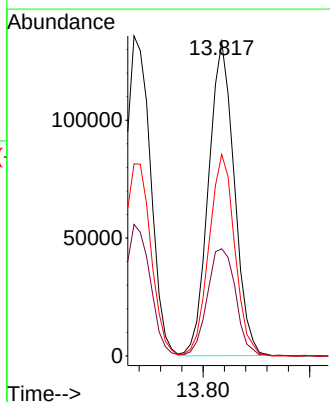
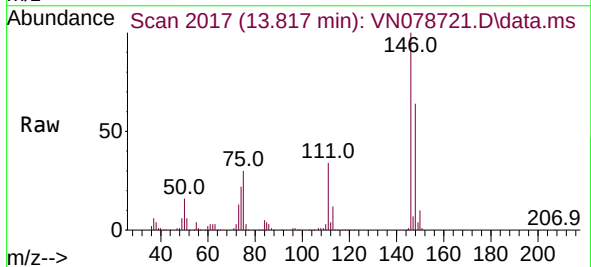
Manual Integrations
APPROVED

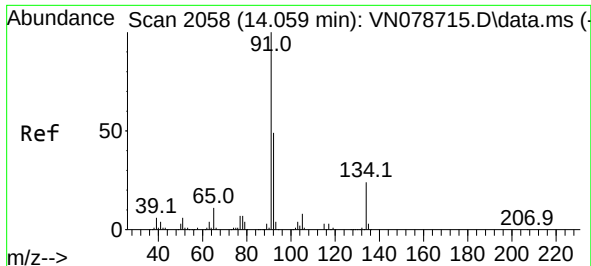
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#84
1,4-Dichlorobenzene
Concen: 18.209 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

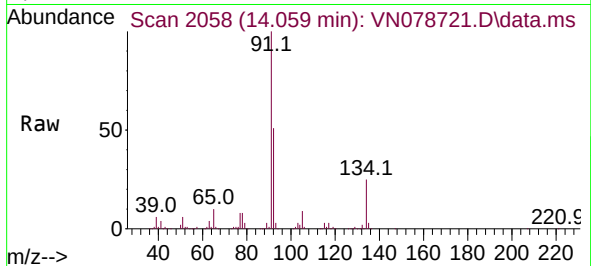
Tgt Ion:146 Resp: 223482
Ion Ratio Lower Upper
146 100
111 37.6 19.4 58.2
148 64.2 31.4 94.3





#85
n-Butylbenzene
Concen: 18.008 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

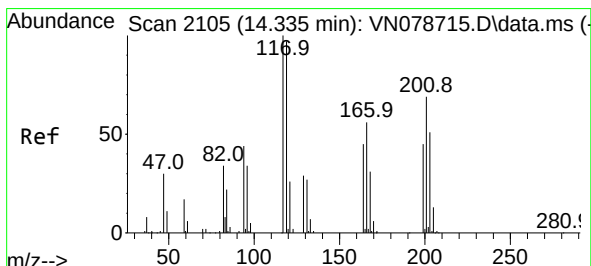
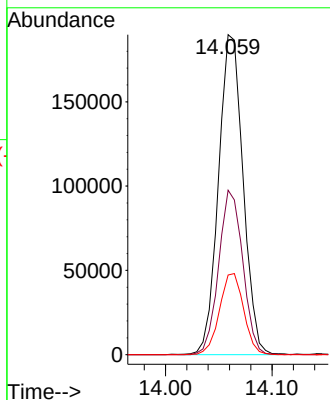
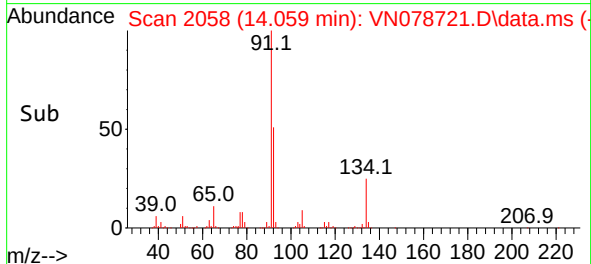
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080123



Tgt Ion: 91 Resp: 304569
Ion Ratio Lower Upper
91 100
92 50.3 0.0 99.6
134 24.9 0.0 50.0

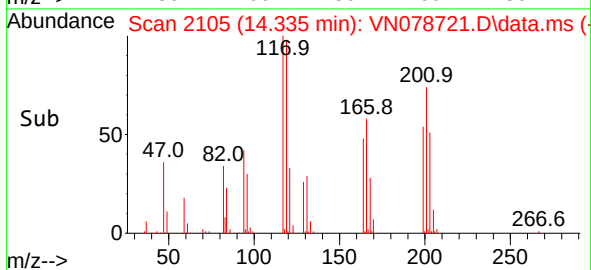
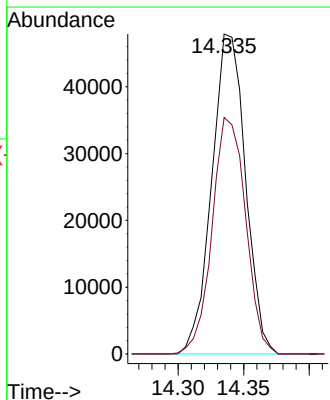
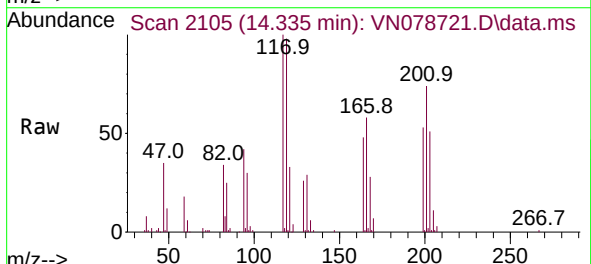
Manual Integrations
APPROVED

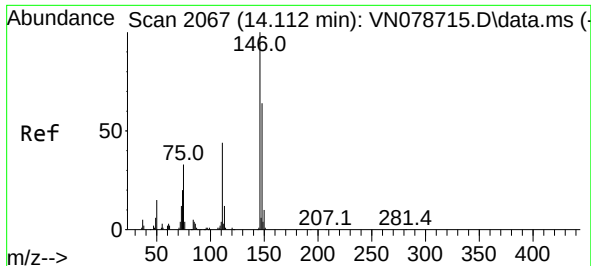
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#86
Hexachloroethane
Concen: 19.271 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

Tgt Ion:117 Resp: 85637
Ion Ratio Lower Upper
117 100
201 73.3 34.2 102.6





#87

1,2-Dichlorobenzene

Concen: 19.638 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN078721.D

Acq: 01 Aug 2023 17:00

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080123

Tgt Ion:146 Resp: 240952

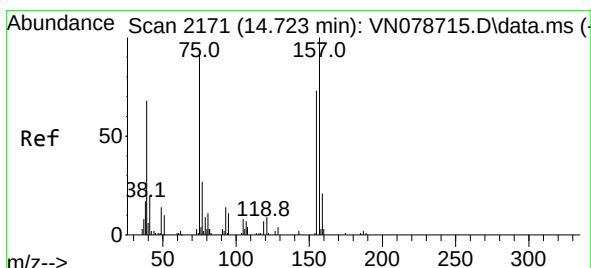
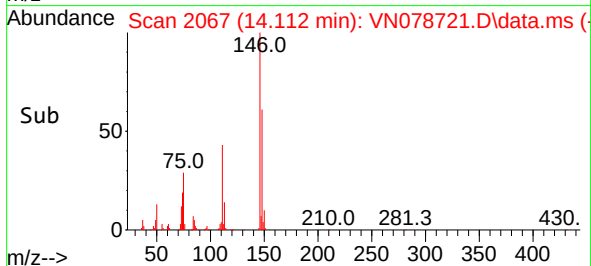
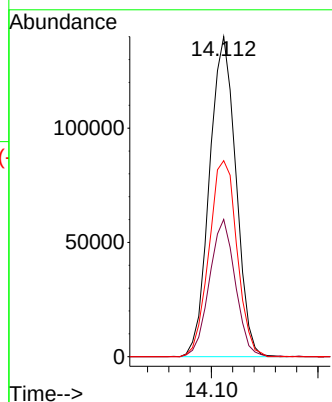
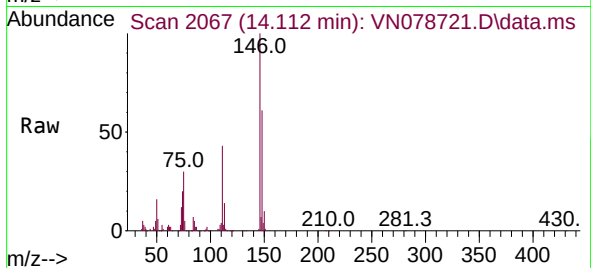
Ion	Ratio	Lower	Upper
146	100		
111	41.9	22.4	67.3
148	64.8	33.4	100.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.097 ug/l

RT: 14.729 min Scan# 2172

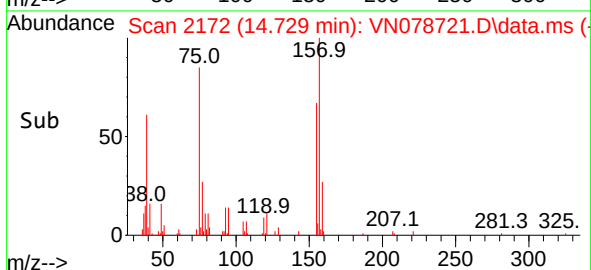
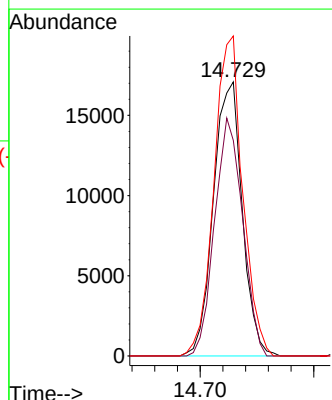
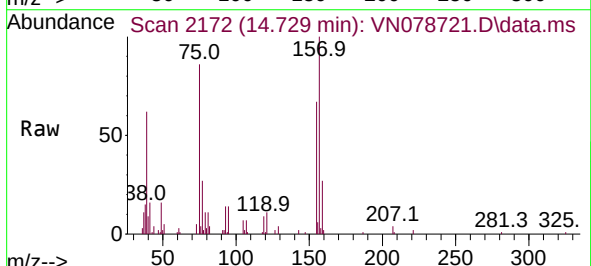
Delta R.T. 0.006 min

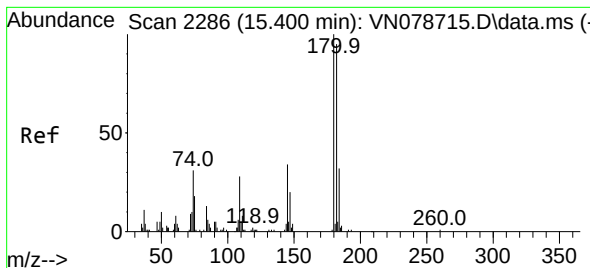
Lab File: VN078721.D

Acq: 01 Aug 2023 17:00

Tgt Ion: 75 Resp: 30110

Ion	Ratio	Lower	Upper
75	100		
155	84.4	68.2	102.2
157	116.1	84.7	127.1





#89

1,2,4-Trichlorobenzene

Concen: 17.737 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN078721.D

Acq: 01 Aug 2023 17:00

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080123

Tgt Ion:180 Resp: 62089

Ion Ratio Lower Upper

180 100

182 94.6 73.7 110.5

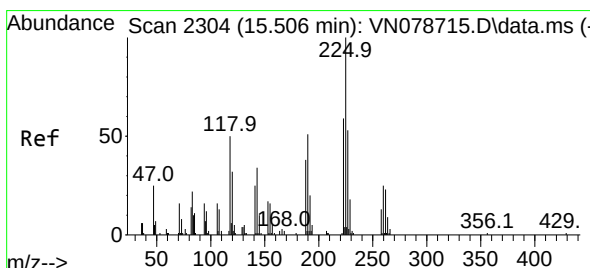
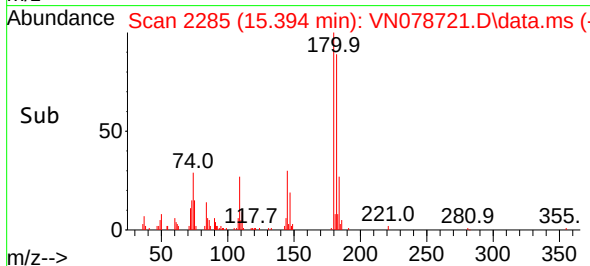
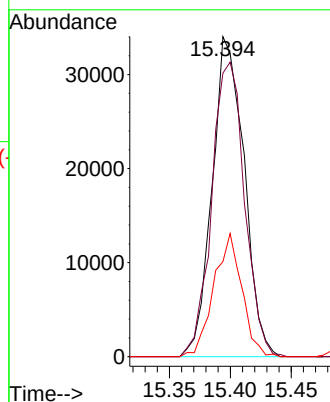
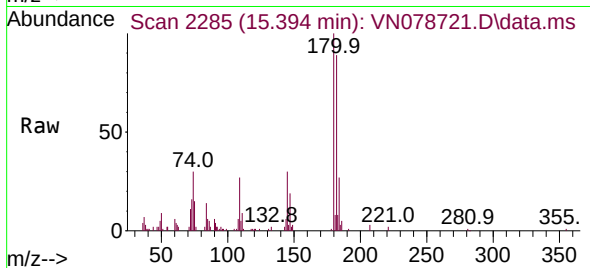
145 33.8 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#90

Hexachlorobutadiene

Concen: 19.589 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078721.D

Acq: 01 Aug 2023 17:00

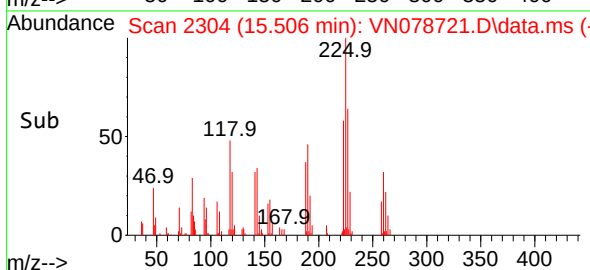
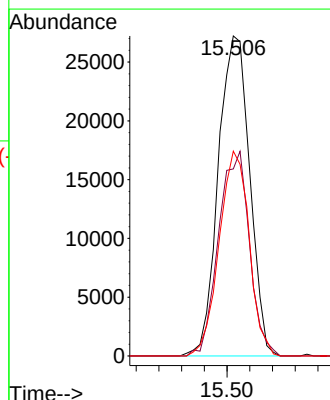
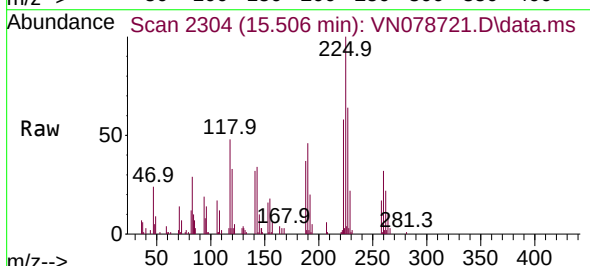
Tgt Ion:225 Resp: 52240

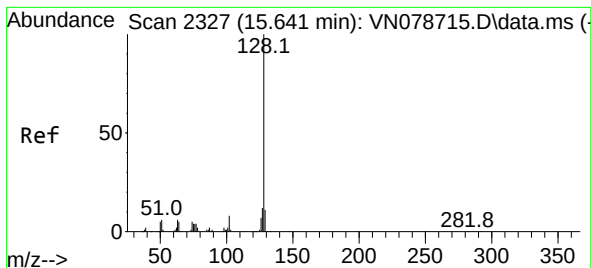
Ion Ratio Lower Upper

225 100

223 62.7 0.0 130.0

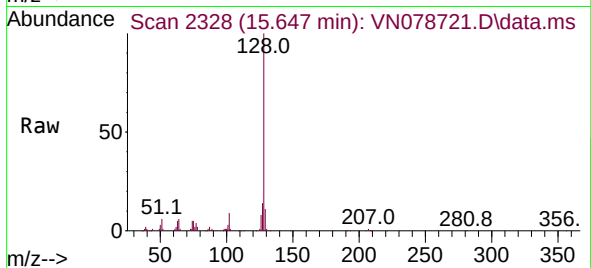
227 61.2 0.0 124.0





#91
Naphthalene
Concen: 17.915 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

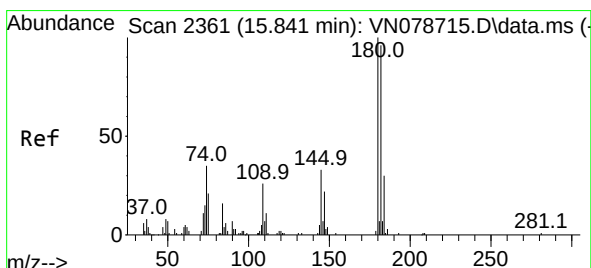
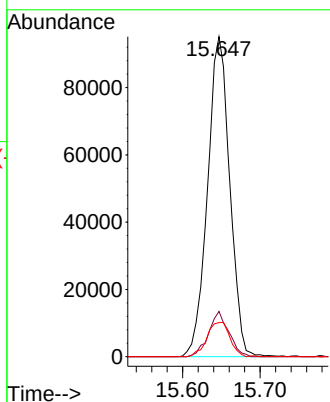
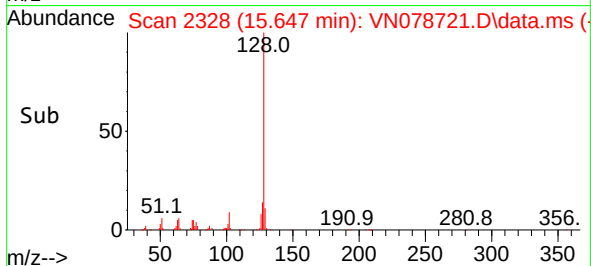
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080123



Tgt Ion:128 Resp: 189984
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.1 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: 18.660 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN078721.D
Acq: 01 Aug 2023 17:00

Tgt Ion:180 Resp: 74338
Ion Ratio Lower Upper
180 100
182 101.3 0.0 196.4
145 32.0 0.0 71.0

