

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080123\
 Data File : VN078720.D
 Acq On : 01 Aug 2023 16:36
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Aug 02 02:53:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 02:50:16 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	7.818	128	106998	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	579190	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	494333	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	231376	28.699	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	95.667%		
60) 4-Bromofluorobenzene	12.853	95	205343	28.832	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	96.100%		
63) Toluene-d8	10.571	98	706428	28.856	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	96.200%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	31482	5.319	ug/l	95
3) Chloromethane	2.371	50	37219	5.061	ug/l	90
4) Vinyl Chloride	2.518	62	50967	5.303	ug/l	97
5) Bromomethane	2.959	94	43008	5.841	ug/l	98
6) Chloroethane	3.124	64	33710	5.338	ug/l	91
7) Trichlorofluoromethane	3.506	101	49188	4.926	ug/l	94
8) Diethyl Ether	3.971	74	15531m	4.817	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.371	101	24412	4.591	ug/l	70
10) 1,1-Dichloroethene	4.342	96	22754m	4.458	ug/l	
11) Methyl Iodide	4.600	142	32725	4.629	ug/l	97
12) Methyl Acetate	5.042	43	39495	5.238	ug/l	100
13) Acrolein	4.200	56	24848m	27.918	ug/l	
14) Acrylonitrile	5.736	53	57243m	26.210	ug/l	
15) Acetone	4.448	58	18898m	28.952	ug/l	
16) Carbon Disulfide	4.718	76	75933	5.208	ug/l	97
17) Allyl chloride	5.030	41	31206	4.390	ug/l	93
18) Methylene Chloride	5.295	84	32058	5.815	ug/l #	84
19) trans-1,2-Dichloroethene	5.800	96	29276	4.925	ug/l	90
20) Diisopropyl ether	6.683	45	66564	4.272	ug/l #	88
21) 1,1-Dichloroethane	6.577	63	49295	4.741	ug/l	97
22) cis-1,2-Dichloroethene	7.489	96	31390	4.755	ug/l	97
23) tert-Butyl Alcohol	5.536	59	28175m	28.197	ug/l	
24) Methyl tert-Butyl Ether	5.806	73	73721m	4.287	ug/l	
25) Chloroform	7.977	83	51177	4.713	ug/l	98
26) Cyclohexane	8.265	56	33383	4.400	ug/l #	99
29) 1,1-Dichloropropene	8.383	75	34001	4.754	ug/l	97
30) 2-Butanone	7.494	43	77419	27.488	ug/l	100
31) 2,2-Dichloropropane	7.506	77	43827m	5.361	ug/l	
32) 1,1,1-Trichloroethane	8.177	97	45053	4.928	ug/l	99
33) Carbon Tetrachloride	8.365	117	38270	4.750	ug/l	100
34) Benzene	8.612	78	109545	5.081	ug/l #	89
35) Methacrylonitrile	7.788	41	15273	4.873	ug/l	73
36) 1,2-Dichloroethane	8.677	62	38553	5.068	ug/l	99
37) Trichloroethene	9.359	130	29245	4.924	ug/l	92
38) Methylcyclohexane	9.606	83	35012	4.931	ug/l	96
39) 1,2-Dichloropropane	9.630	63	28467	5.031	ug/l	95
40) Dibromomethane	9.712	93	20948	5.221	ug/l	91
41) Bromodichloromethane	9.900	83	41586	5.179	ug/l #	83
42) Vinyl Acetate	6.618	43	206970	21.940	ug/l	100

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 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

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

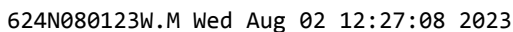
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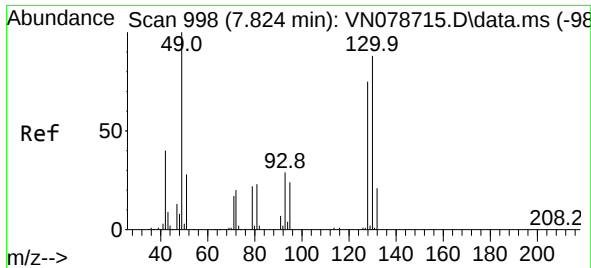
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.577	43	31403m	5.288	ug/l	
44) Isopropyl Acetate	8.700	43	55907	5.381	ug/l	96
45) 1,4-Dioxane	9.706	88	9340	100.125	ug/l #	80
46) Methyl methacrylate	9.688	41	20269	4.369	ug/l	95
47) n-amyl Acetate	12.500	43	39082	5.142	ug/l	96
48) t-1,3-Dichloropropene	10.847	75	41515	4.868	ug/l #	83
49) cis-1,3-Dichloropropene	10.324	75	43984	4.868	ug/l	97
50) 1,1,2-Trichloroethane	11.024	97	28606	4.959	ug/l	90
51) Ethyl methacrylate	10.882	69	33901	4.395	ug/l	85
52) 1,3-Dichloropropane	11.171	76	44575	4.254	ug/l	97
53) Dibromochloromethane	11.365	129	28788	4.514	ug/l	96
54) 1,2-Dibromoethane	11.476	107	28322	4.973	ug/l	100
55) 2-Chloroethyl vinyl ether	10.165	63	43316	17.621	ug/l	98
56) Bromoform	12.582	173	19607	4.884	ug/l	99
58) 4-Methyl-2-Pentanone	10.453	43	140358	22.133	ug/l	99
59) 2-Hexanone	11.200	43	108149	22.467	ug/l	96
61) Tetrachloroethene	11.112	164	25696	4.546	ug/l #	83
62) Toluene	10.635	91	122093	4.812	ug/l	99
64) Chlorobenzene	11.900	112	72443	4.939	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.965	131	27445	4.713	ug/l	95
66) Ethyl Benzene	11.971	91	119643	4.770	ug/l	97
67) m/p-Xylenes	12.076	106	88246	9.244	ug/l	94
68) o-Xylene	12.400	106	42572	4.463	ug/l	100
69) Styrene	12.418	104	63094	4.248	ug/l	99
70) Isopropylbenzene	12.700	105	108139	4.559	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	40544	5.107	ug/l	95
72) 1,2,3-Trichloropropane	13.000	75	37428m	4.974	ug/l	
73) Bromobenzene	12.982	156	29177	4.973	ug/l	92
74) n-propylbenzene	13.041	91	122191	4.657	ug/l	99
75) 2-Chlorotoluene	13.129	91	83067	4.980	ug/l	100
76) 1,3,5-Trimethylbenzene	13.176	105	94562	4.846	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	9830	4.454	ug/l	87
78) 4-Chlorotoluene	13.223	91	71891	4.495	ug/l	100
79) tert-butylbenzene	13.441	119	77229	4.556	ug/l	96
80) 1,2,4-Trimethylbenzene	13.488	105	80775	4.360	ug/l	97
81) sec-Butylbenzene	13.623	105	140177	6.493	ug/l	100
82) p-Isopropyltoluene	13.735	119	89277	5.070	ug/l	98
83) 1,3-Dichlorobenzene	13.741	146	47259	5.028	ug/l	95
84) 1,4-Dichlorobenzene	13.818	146	43089	4.943	ug/l	99
85) n-Butylbenzene	14.059	91	63670	5.347	ug/l	99
86) Hexachloroethane	14.341	117	16898	4.991	ug/l	93
87) 1,2-Dichlorobenzene	14.112	146	43219	4.897	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	6242	5.194	ug/l	94
89) 1,2,4-Trichlorobenzene	15.400	180	13379m	5.256	ug/l	
90) Hexachlorobutadiene	15.500	225	14398	6.605	ug/l	92
91) Naphthalene	15.647	128	43778	5.489	ug/l	97
92) 1,2,3-Trichlorobenzene	15.847	180	17150	5.606	ug/l	95

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

Manual Integrations

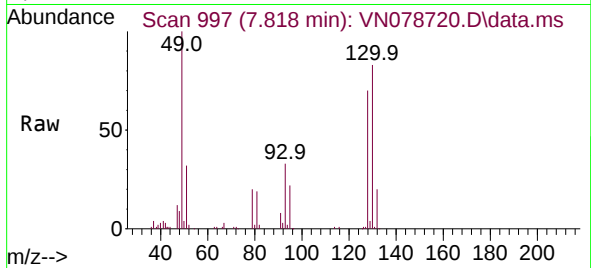
Quant Time: Aug 02 02:53:11 2023
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 02 02:50:16 2023
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

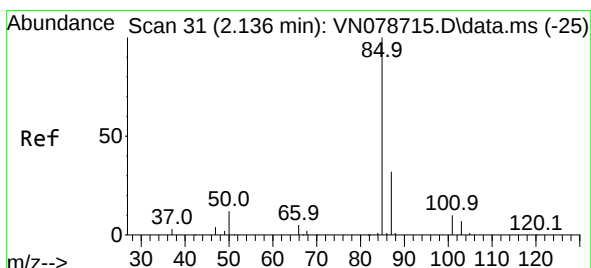
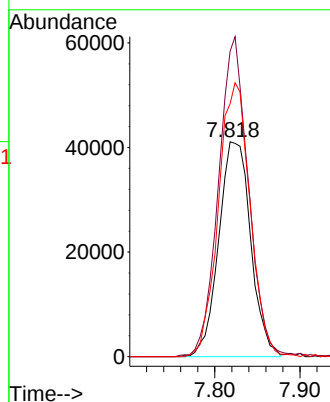
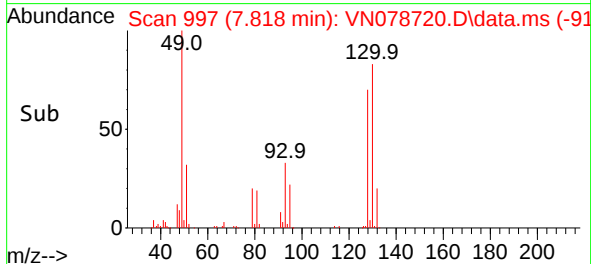
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



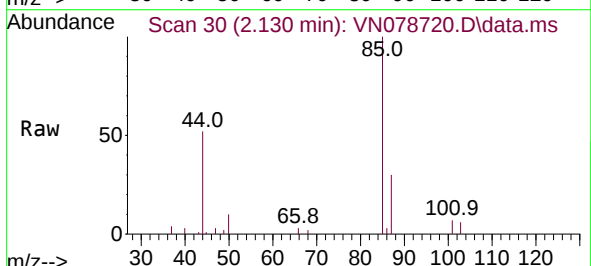
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Ion Ratio Lower Upper
128 100
49 137.2 0.0 370.8
130 126.5 0.0 307.0

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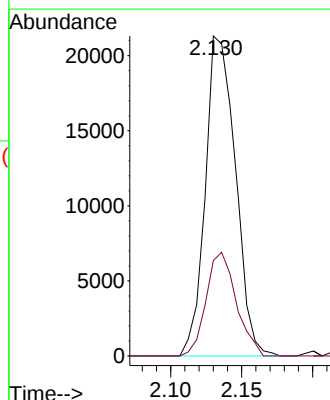
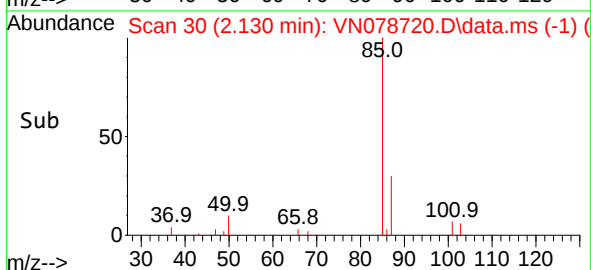
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

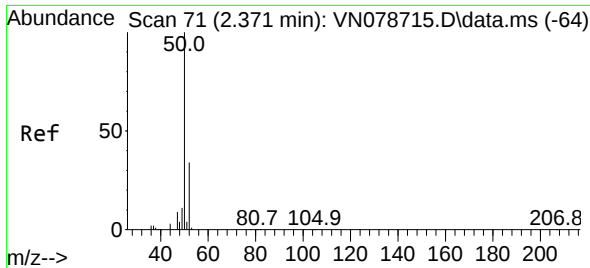


#2
Dichlorodifluoromethane
Concen: 5.319 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36



Tgt Ion: 85 Resp: 31482
Ion Ratio Lower Upper
85 100
87 29.8 16.4 49.4





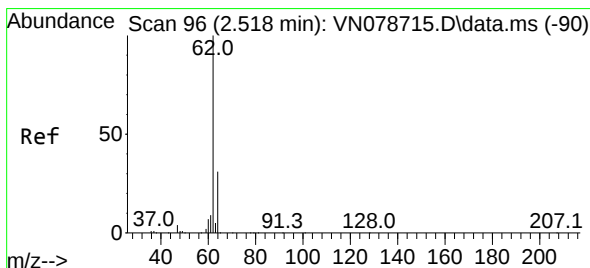
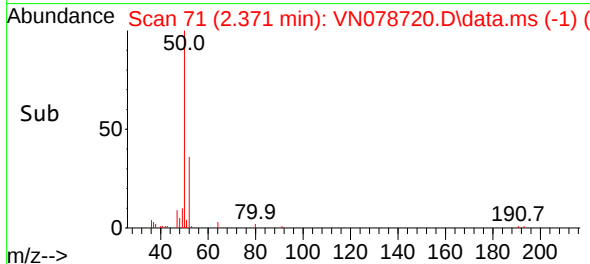
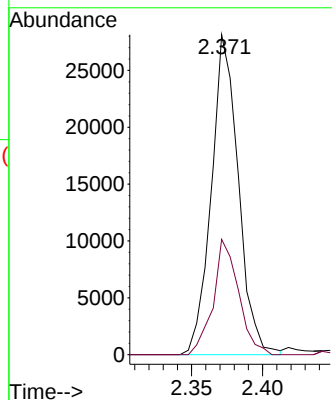
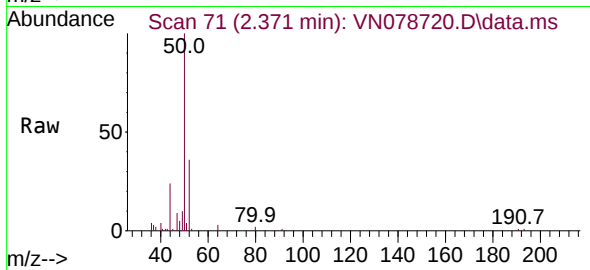
#3
Chloromethane
Concen: 5.061 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 50 Resp: 37219
Ion Ratio Lower Upper
50 100
52 36.1 24.6 36.8

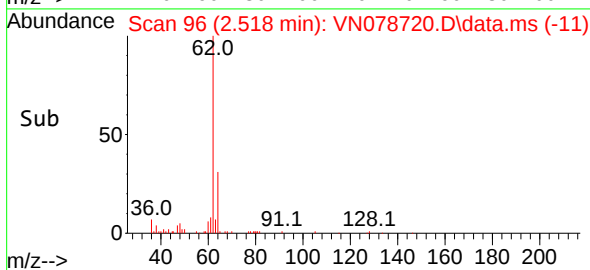
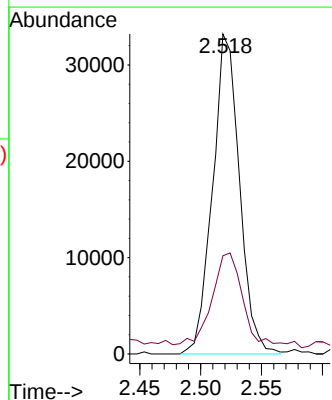
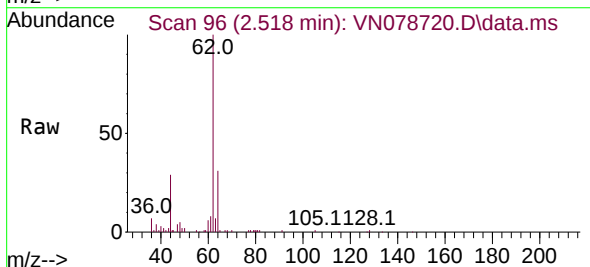
Manual Integrations
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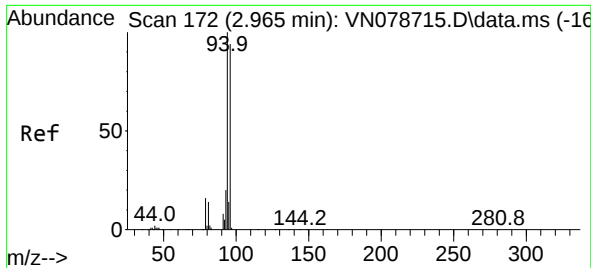
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#4
Vinyl Chloride
Concen: 5.303 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion: 62 Resp: 50967
Ion Ratio Lower Upper
62 100
64 27.7 23.3 34.9





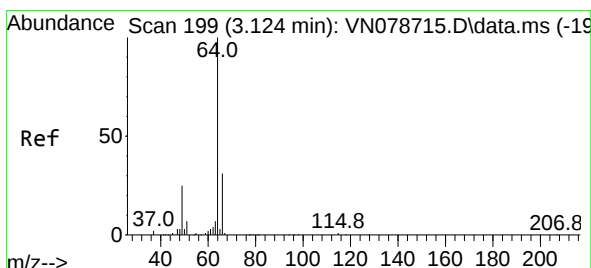
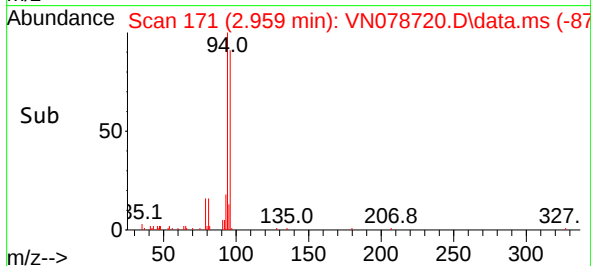
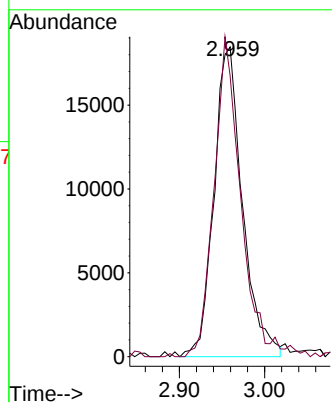
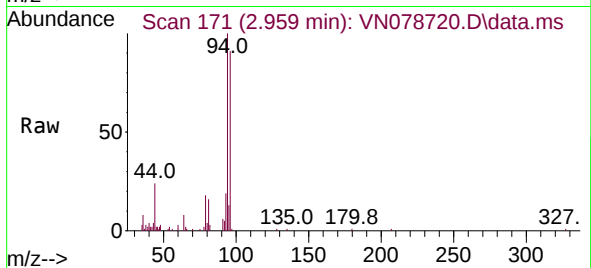
#5
Bromomethane
Concen: 5.841 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 94 Resp: 43008
Ion Ratio Lower Upper
94 100
96 90.7 73.9 110.9

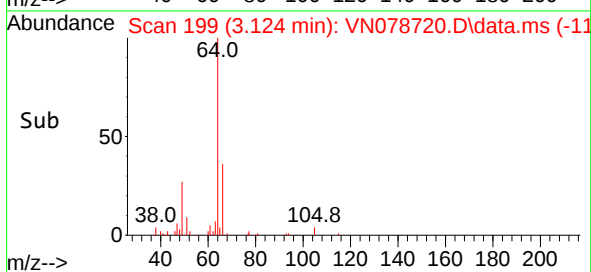
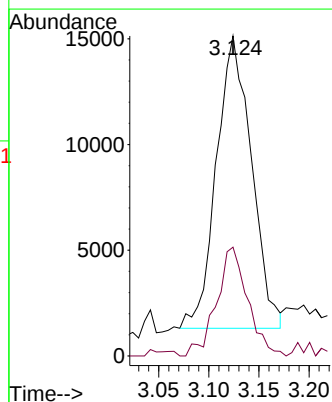
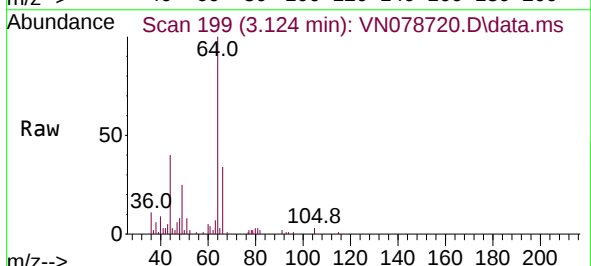
Manual Integrations
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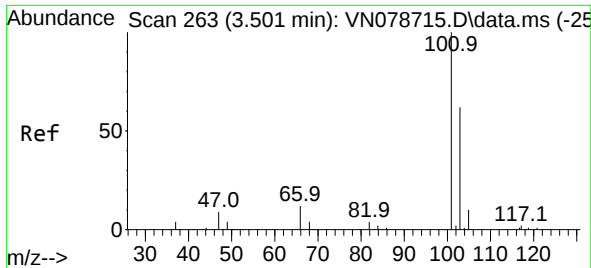
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#6
Chloroethane
Concen: 5.338 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion: 64 Resp: 33710
Ion Ratio Lower Upper
64 100
66 37.2 25.7 38.5





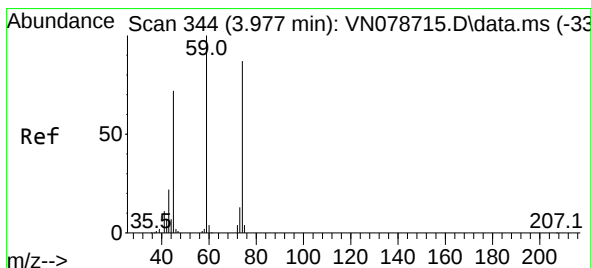
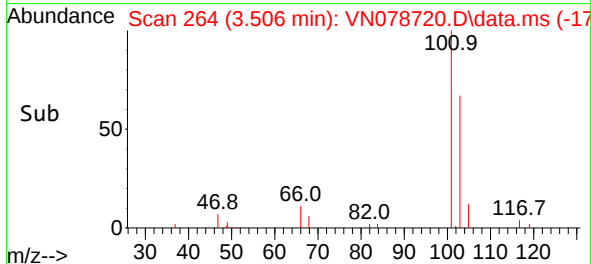
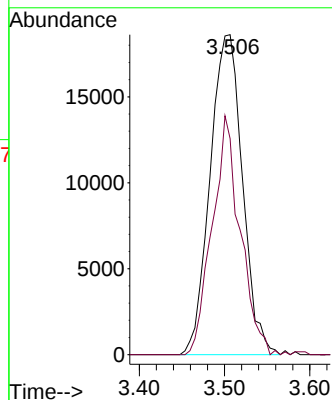
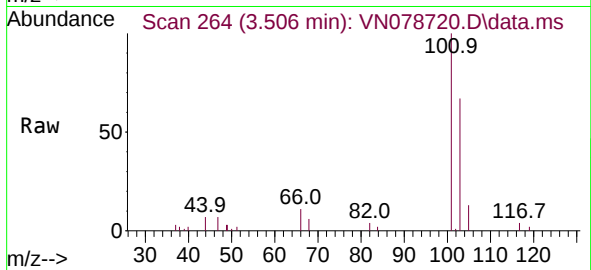
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Trichlorofluoromethane
Concen: 4.926 ug/l
RT: 3.506 min Scan# 20
Delta R.T. 0.005 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 4918
Ion Ratio Lower Upper
101 100
103 67.5 50.4 75.6

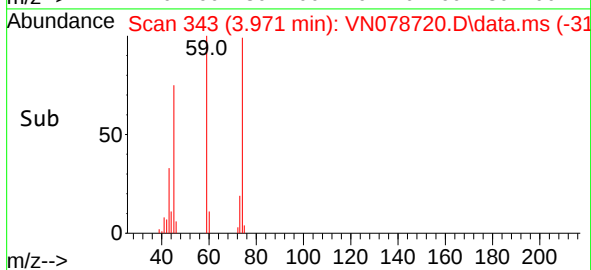
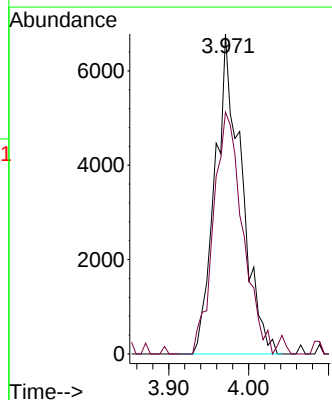
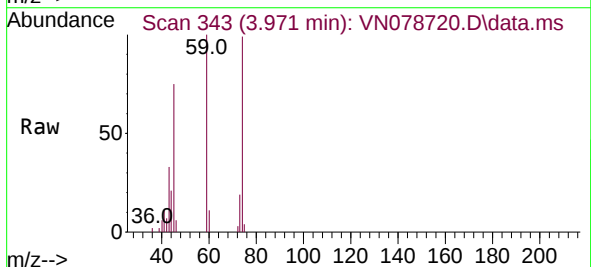
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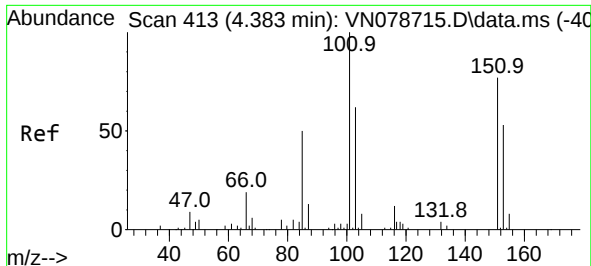
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#8
Diethyl Ether
Concen: 4.817 ug/l m
RT: 3.971 min Scan# 343
Delta R.T. -0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion: 74 Resp: 15531
Ion Ratio Lower Upper
74 100
45 83.5 16.3 146.5





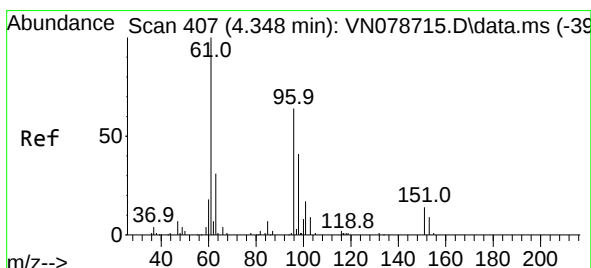
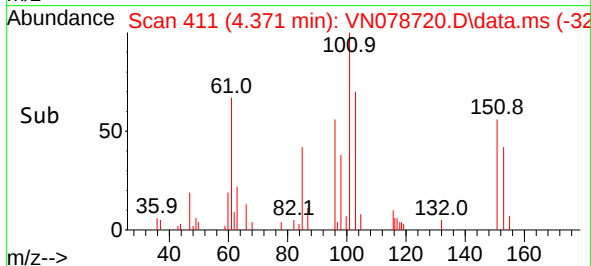
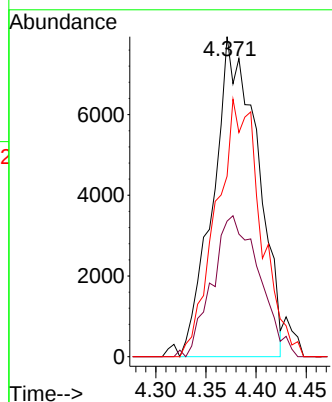
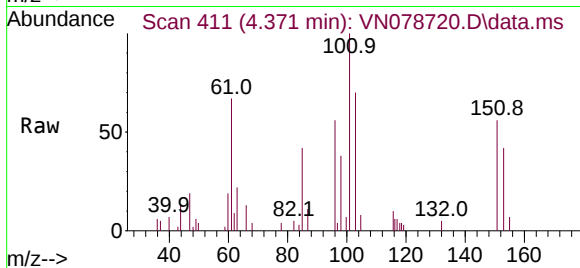
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.591 ug/l
RT: 4.371 min Scan# 413
Delta R.T. -0.012 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 2441
Ion Ratio Lower Upper
101 100
85 31.3 0.0 89.2
151 44.4 0.0 148.8

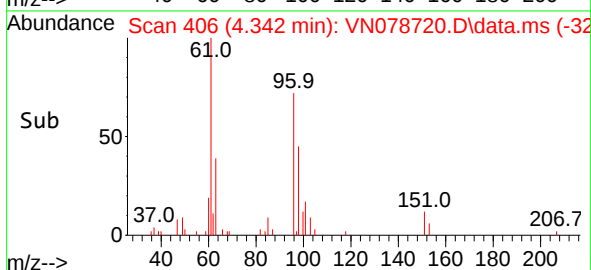
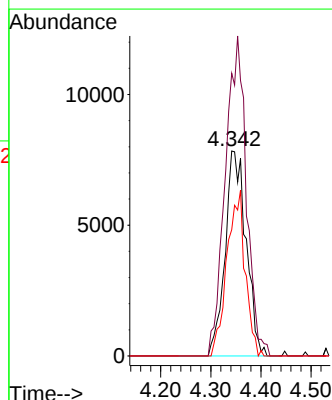
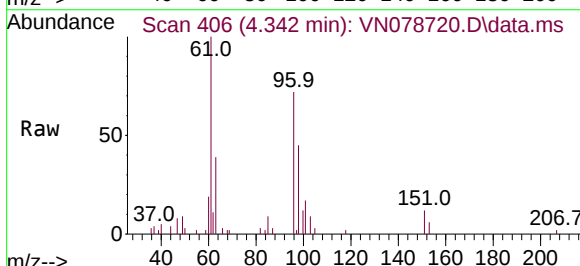
Manual Integrations
APPROVED

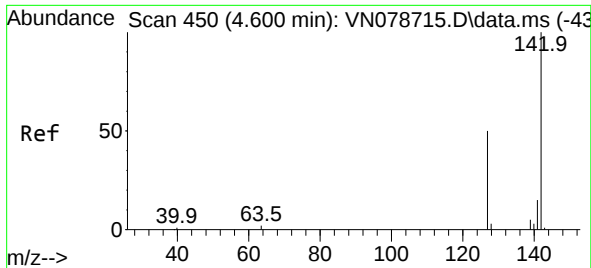
Reviewed By :John Carbone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#10
1,1-Dichloroethene
Concen: 4.458 ug/l m
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

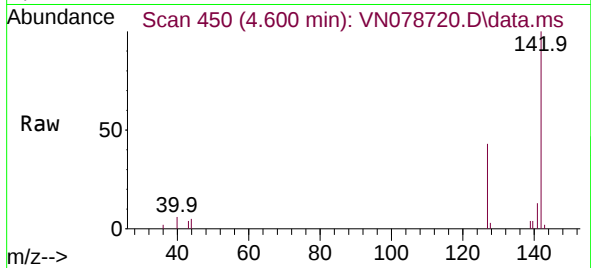
Tgt Ion: 96 Resp: 22754
Ion Ratio Lower Upper
96 100
61 138.0 123.4 185.2
98 61.6 53.7 80.5





#11
Methyl Iodide
Concen: 4.629 ug/l
RT: 4.600 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

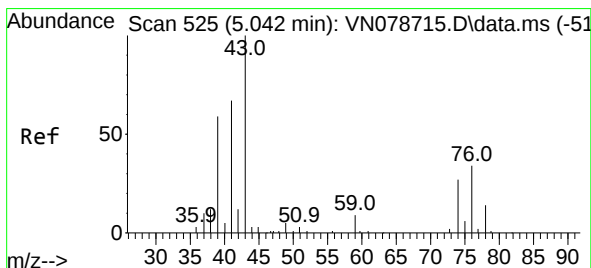
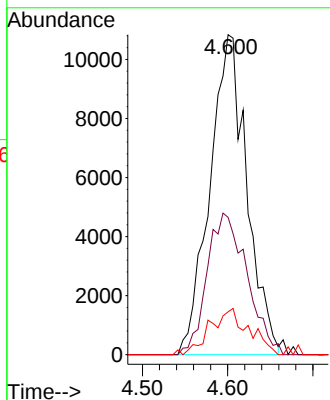
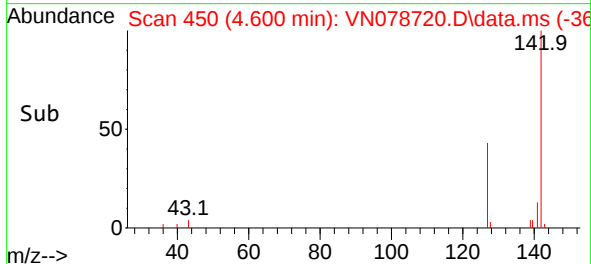
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



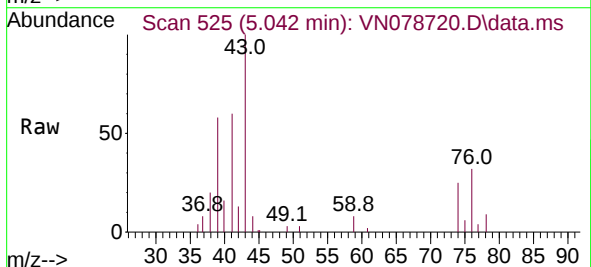
Tgt Ion:142 Resp: 32725
Ion Ratio Lower Upper
142 100
127 44.3 23.2 69.5
141 12.8 7.2 21.7

Manual Integrations
APPROVED

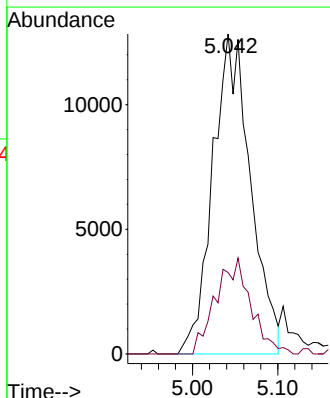
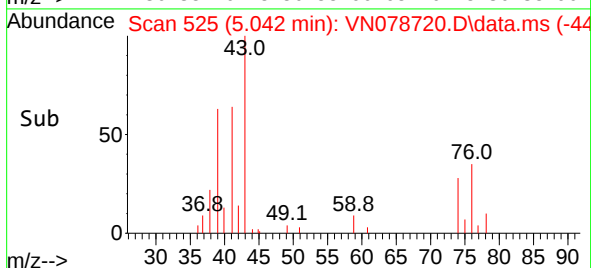
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

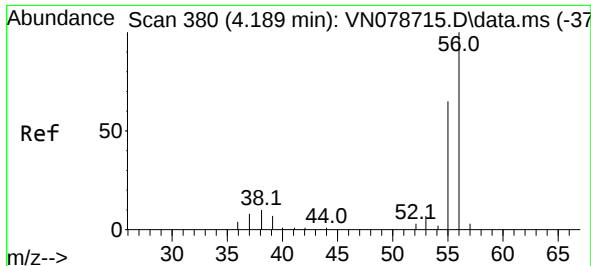


#12
Methyl Acetate
Concen: 5.238 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36



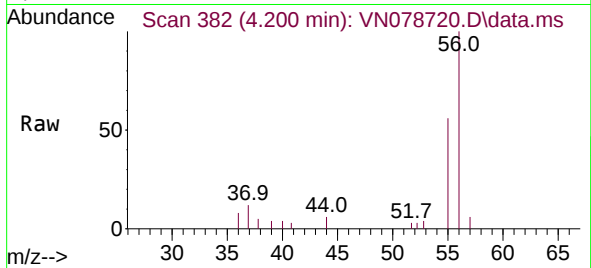
Tgt Ion: 43 Resp: 39495
Ion Ratio Lower Upper
43 100
74 25.7 20.5 30.7





#13
Acrolein
Concen: 27.918 ug/l m
RT: 4.200 min Scan# 382
Delta R.T. 0.011 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

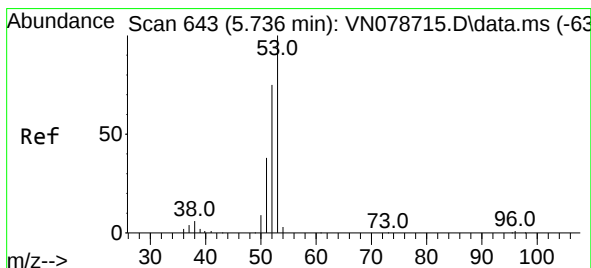
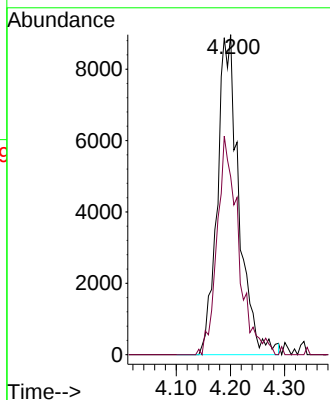
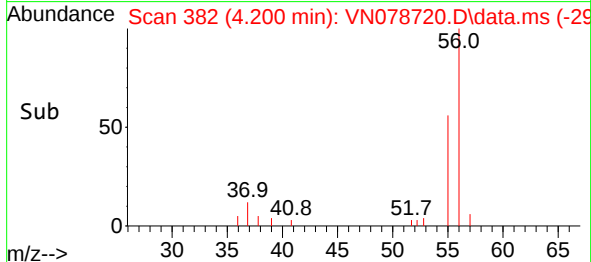
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



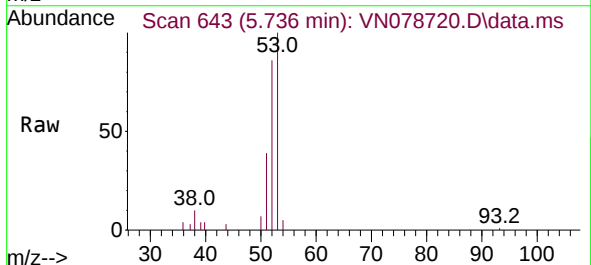
Tgt Ion: 56 Resp: 2484
Ion Ratio Lower Upper
56 100
55 59.6 59.0 88.4

Manual Integrations
APPROVED

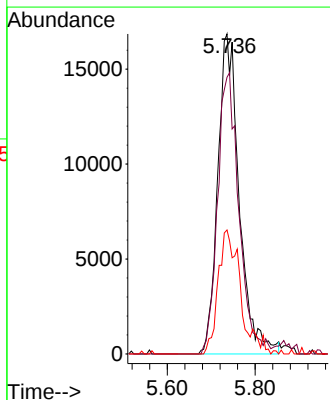
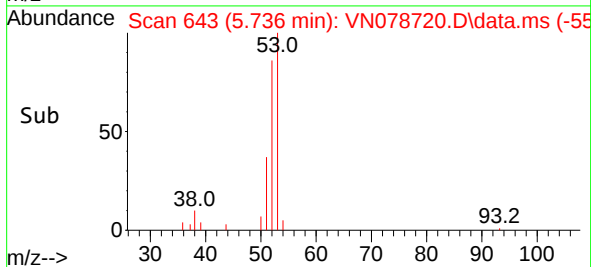
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

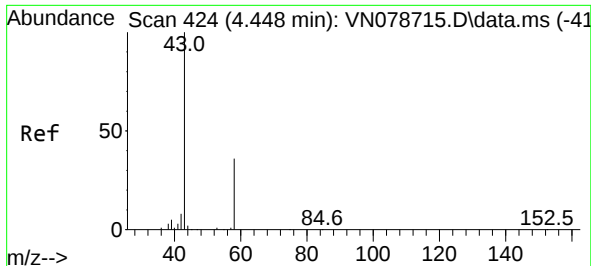


#14
Acrylonitrile
Concen: 26.210 ug/l m
RT: 5.736 min Scan# 643
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36



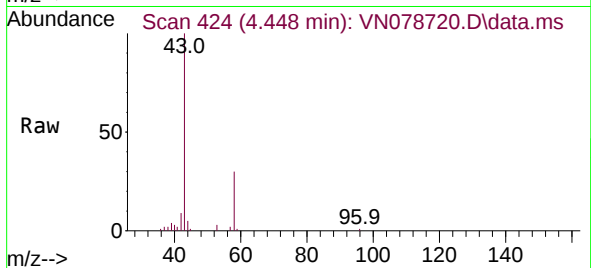
Tgt Ion: 53 Resp: 57243
Ion Ratio Lower Upper
53 100
52 86.4 42.3 126.9
51 24.5 18.4 55.4





#15
Acetone
Concen: 28.952 ug/l m
RT: 4.448 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

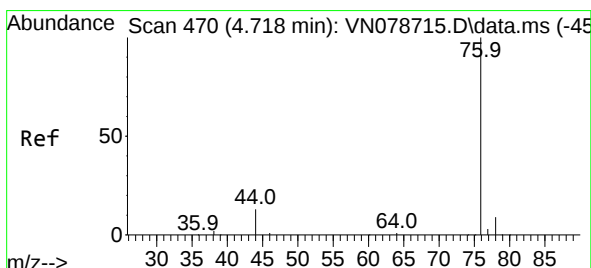
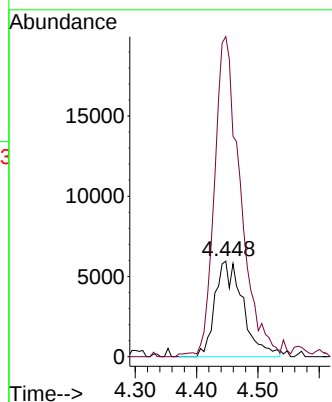
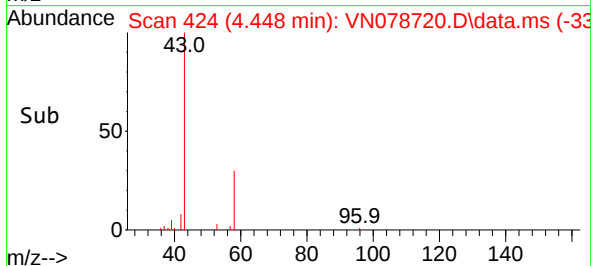
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



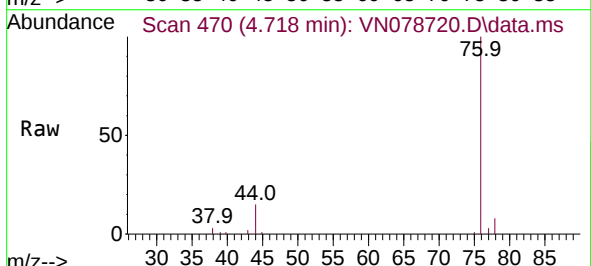
Tgt Ion: 58 Resp: 18898
Ion Ratio Lower Upper
58 100
43 335.2 227.5 341.3

Manual Integrations
APPROVED

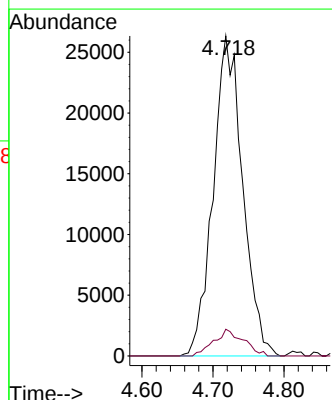
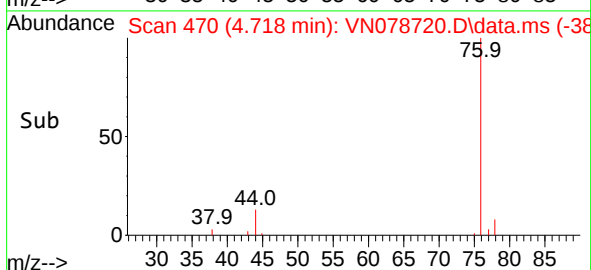
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

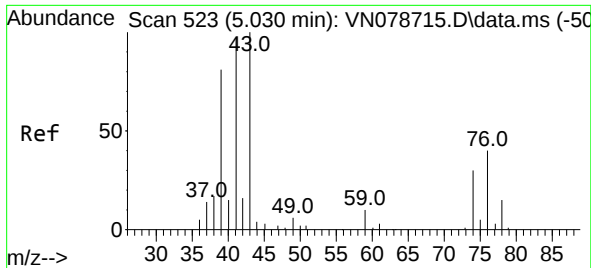


#16
Carbon Disulfide
Concen: 5.208 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36



Tgt Ion: 76 Resp: 75933
Ion Ratio Lower Upper
76 100
78 8.4 7.7 11.5





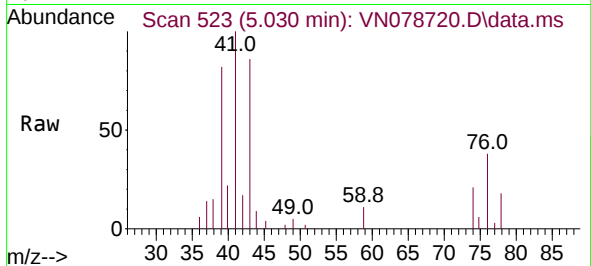
#17
 Allyl chloride
 Concen: 4.390 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN078720.D
 Acq: 01 Aug 2023 16:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



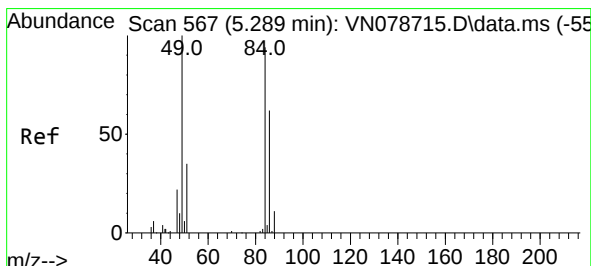
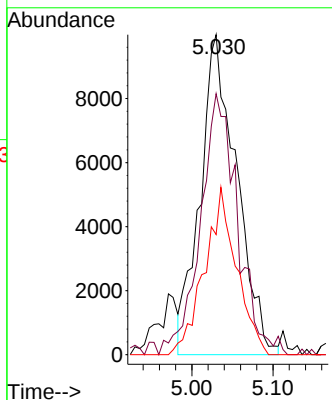
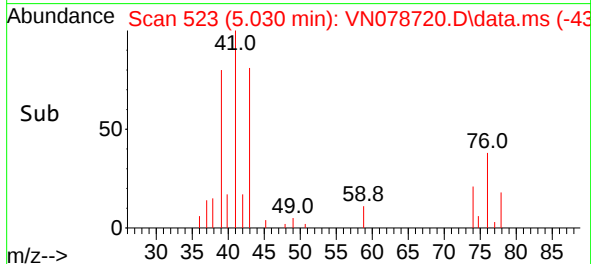
Tgt Ion: 41 Resp: 31200
 Ion Ratio Lower Upper
 41 100
 39 77.8 37.6 112.8
 76 38.6 23.8 71.4

Manual Integrations

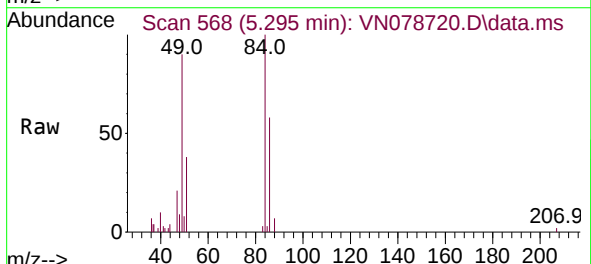
APPROVED

Reviewed By :John Carlone 08/02/2023

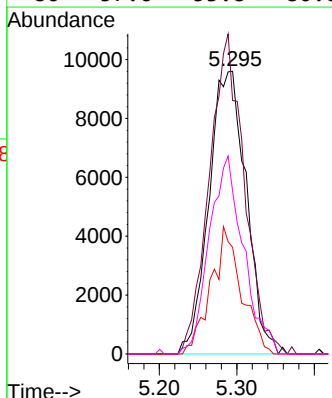
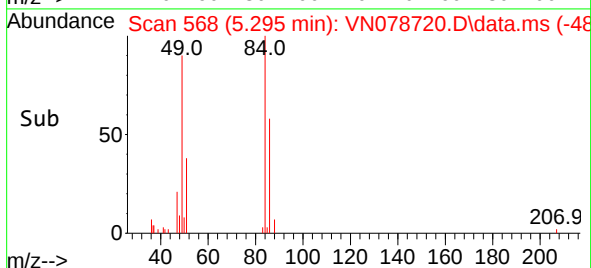
Supervised By :Mahesh Dadoda 08/02/2023

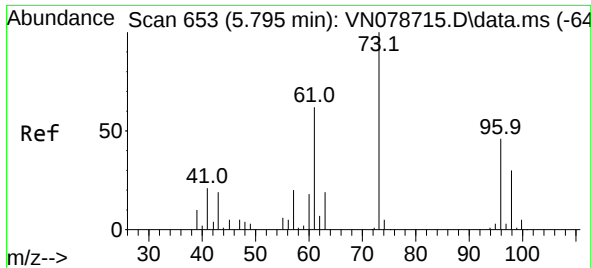


#18
 Methylene Chloride
 Concen: 5.815 ug/l
 RT: 5.295 min Scan# 568
 Delta R.T. 0.006 min
 Lab File: VN078720.D
 Acq: 01 Aug 2023 16:36



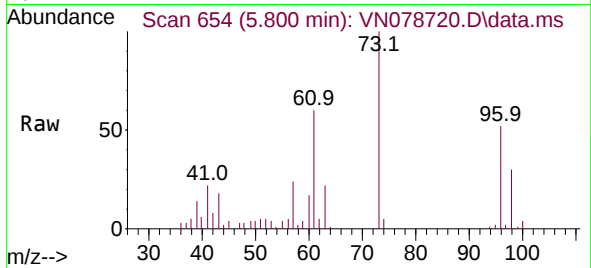
Tgt Ion: 84 Resp: 32058
 Ion Ratio Lower Upper
 84 100
 49 89.6 88.1 132.1
 51 37.7 24.0 36.0#
 86 57.6 53.8 80.8





#19
trans-1,2-Dichloroethene
Concen: 4.925 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

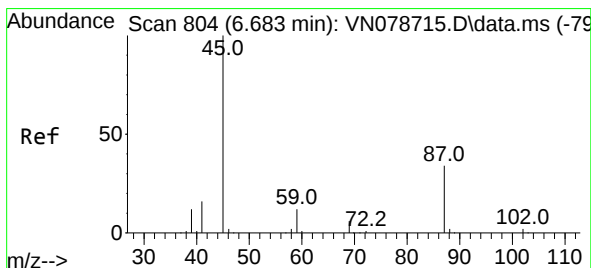
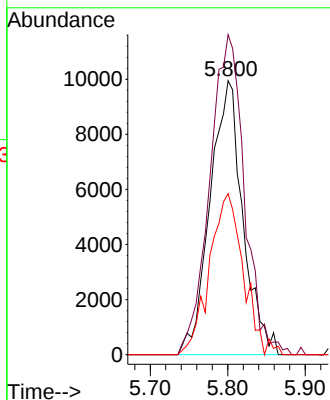
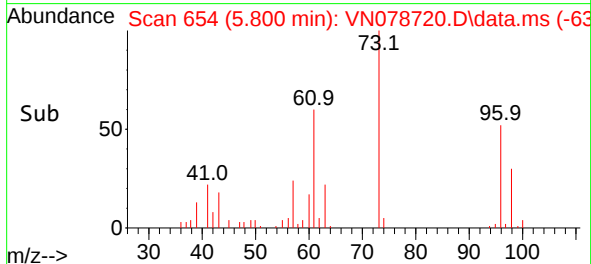
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



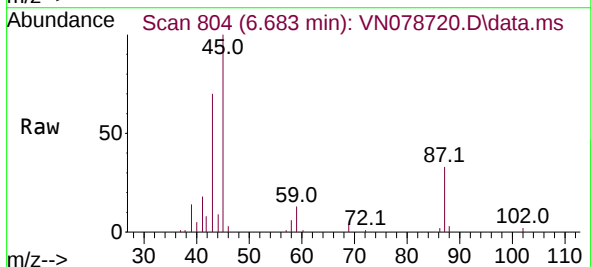
Tgt Ion: 96 Resp: 29270
Ion Ratio Lower Upper
96 100
61 116.8 105.2 157.8
98 58.8 50.5 75.7

Manual Integrations
APPROVED

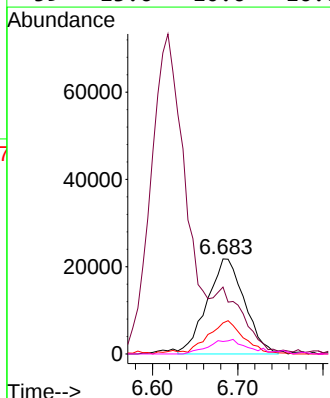
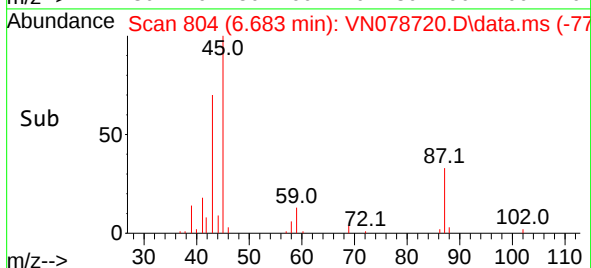
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

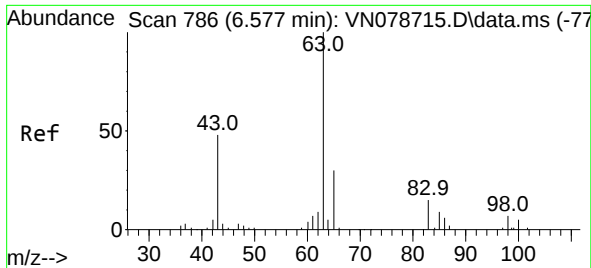


#20
Diisopropyl ether
Concen: 4.272 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36



Tgt Ion: 45 Resp: 66564
Ion Ratio Lower Upper
45 100
43 69.4 43.6 65.4#
87 32.6 25.8 38.6
59 13.6 10.6 16.0





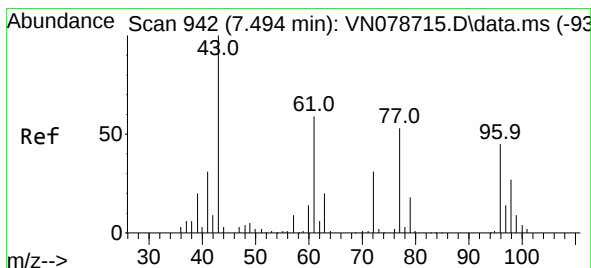
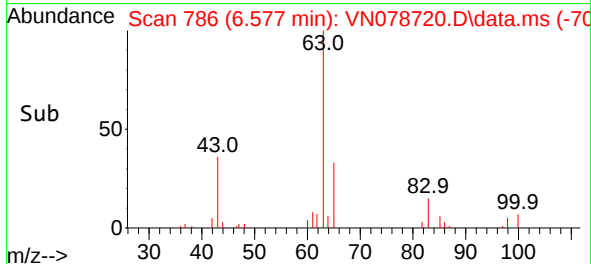
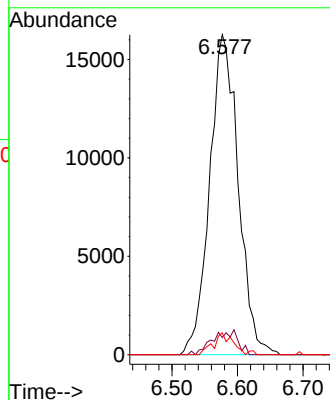
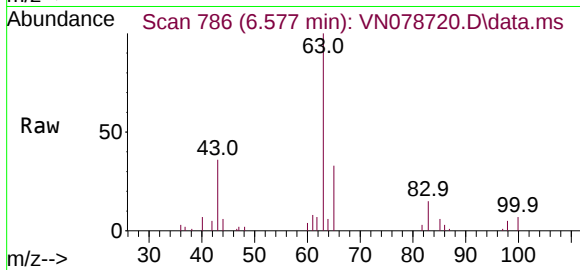
#21
1,1-Dichloroethane
Concen: 4.741 ug/l
RT: 6.577 min Scan# 786
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 4929
Ion Ratio Lower Upper
63 100
98 5.3 2.7 8.1
100 6.8 2.5 7.4

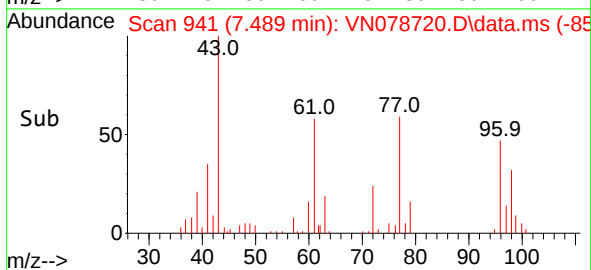
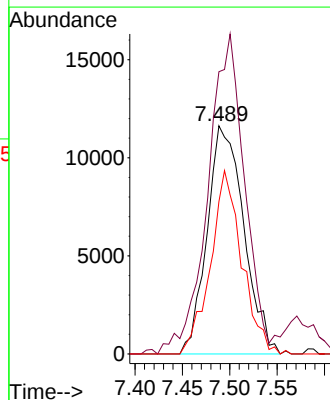
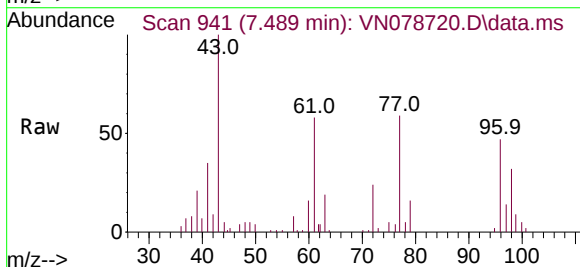
Manual Integrations
APPROVED

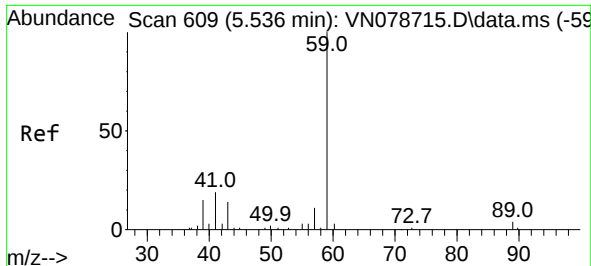
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#22
cis-1,2-Dichloroethene
Concen: 4.755 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion: 96 Resp: 31390
Ion Ratio Lower Upper
96 100
61 139.3 113.8 170.6
98 68.4 52.2 78.4





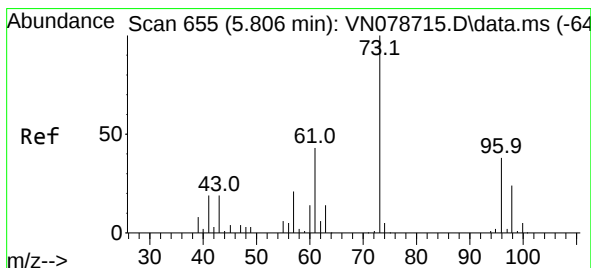
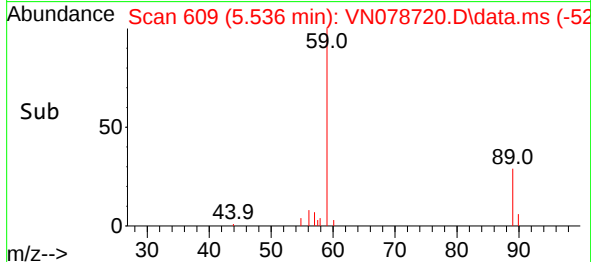
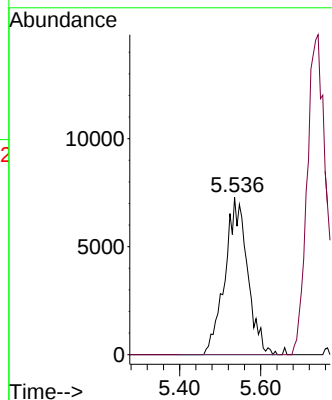
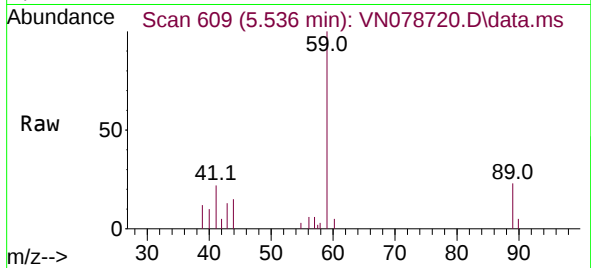
#23
tert-Butyl Alcohol
Concen: 28.197 ug/l m
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 2817
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

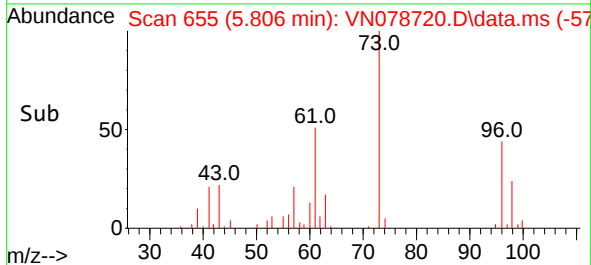
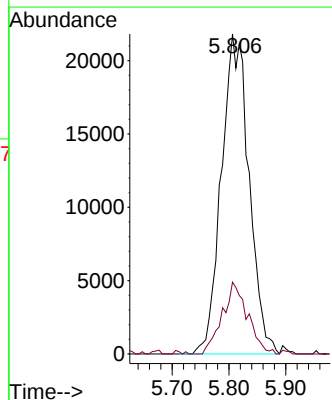
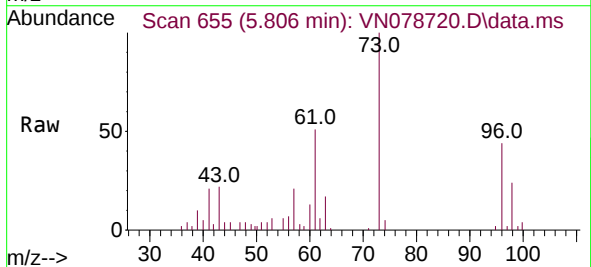
Manual Integrations
APPROVED

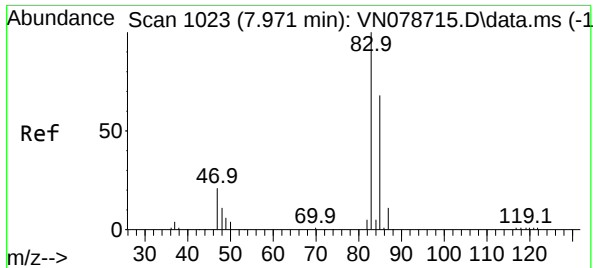
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#24
Methyl tert-Butyl Ether
Concen: 4.287 ug/l m
RT: 5.806 min Scan# 655
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion: 73 Resp: 73721
Ion Ratio Lower Upper
73 100
43 20.4 14.5 21.7





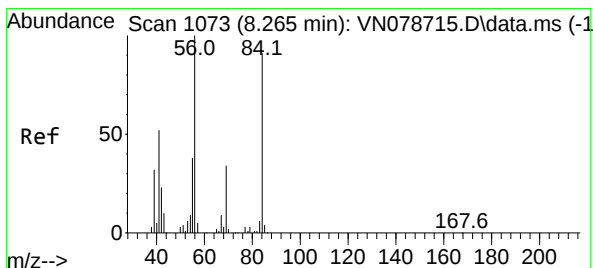
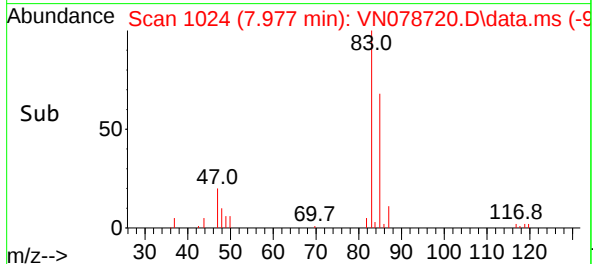
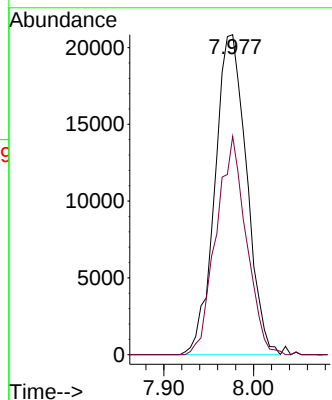
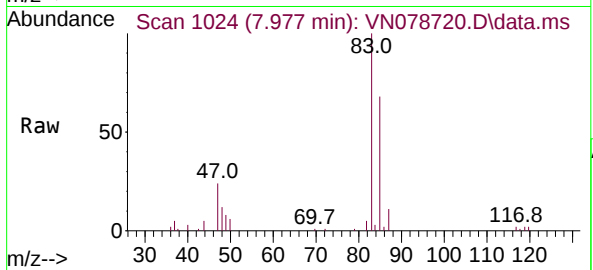
#25
Chloroform
Concen: 4.713 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 5117
Ion Ratio Lower Upper
83 100
85 68.2 53.4 80.0

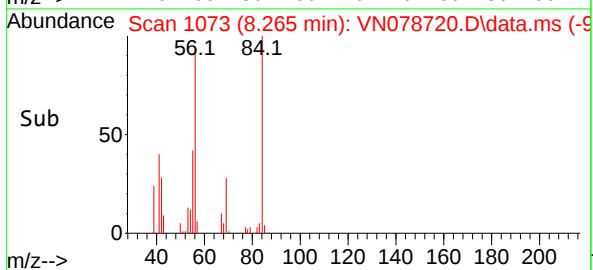
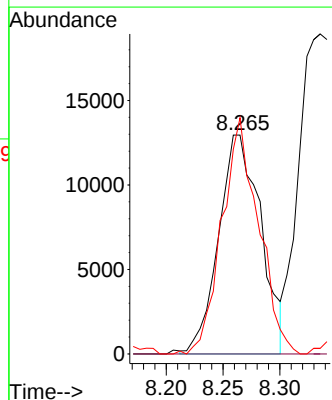
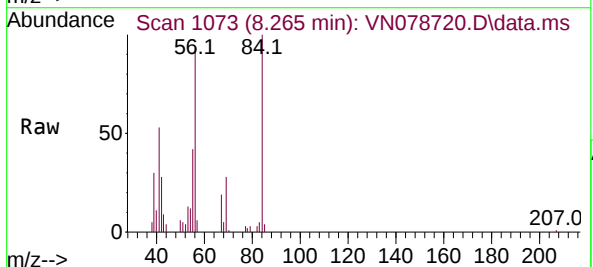
Manual Integrations
APPROVED

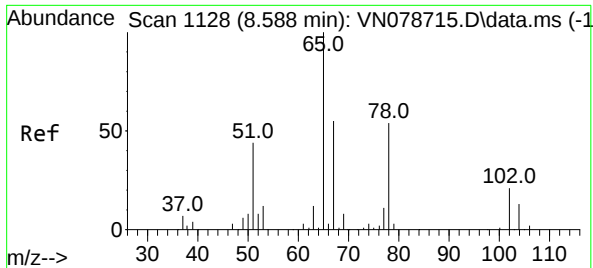
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#26
Cyclohexane
Concen: 4.400 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion: 56 Resp: 33383
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 93.5 74.2 111.4





#27
1,2-Dichloroethane-d4
Concen: 28.699 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.005 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Instrument :

MSVOA_N

ClientSampleId :

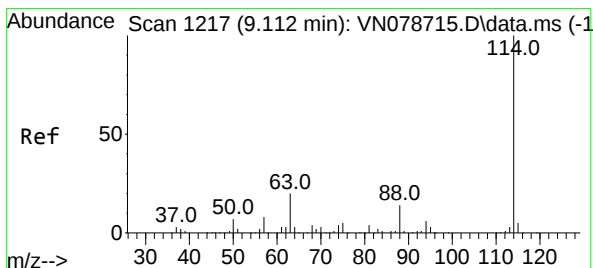
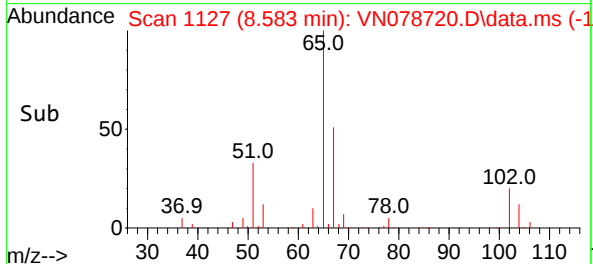
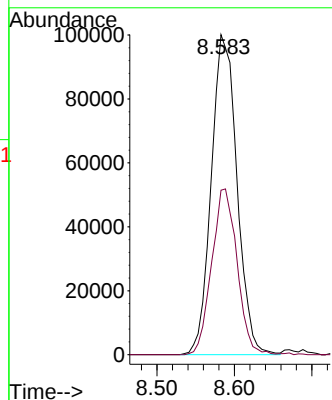
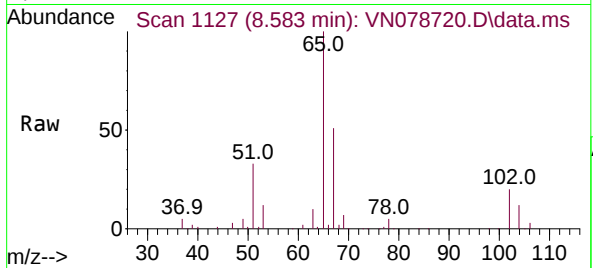
VSTDIC005

Tgt Ion: 65 Resp: 231370
Ion Ratio Lower Upper
65 100
67 51.0 42.9 64.3

Manual Integrations

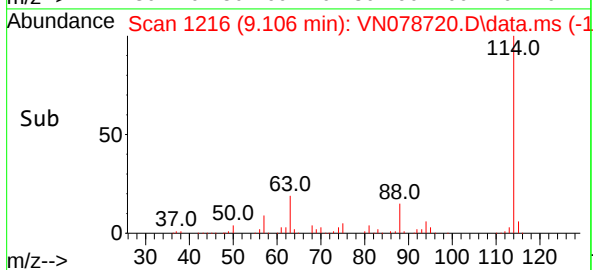
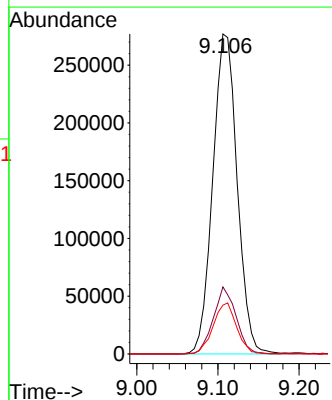
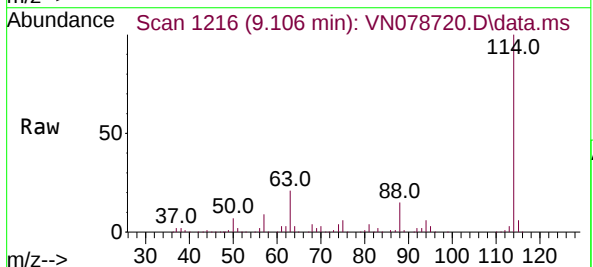
APPROVED

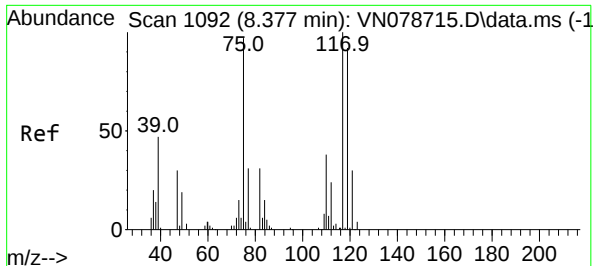
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion:114 Resp: 579190
Ion Ratio Lower Upper
114 100
63 19.4 15.2 22.8
88 15.4 12.5 18.7





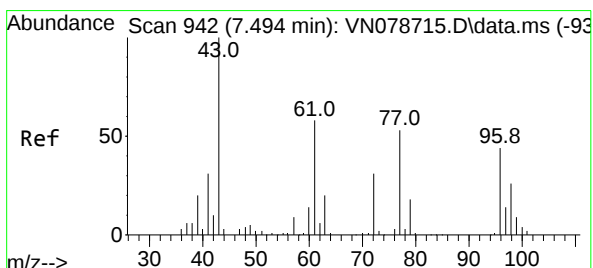
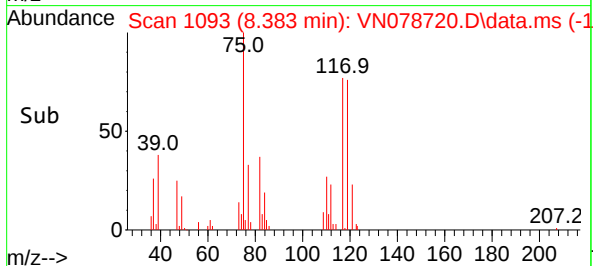
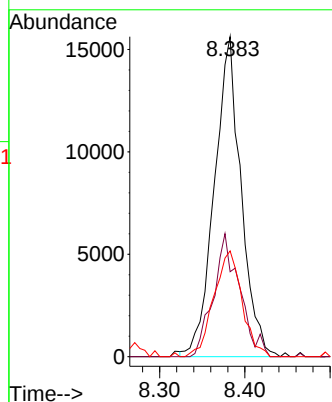
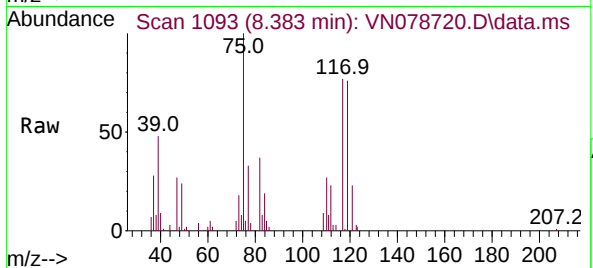
#29
1,1-Dichloropropene
Concen: 4.754 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 3400
Ion Ratio Lower Upper
75 100
110 36.4 0.0 72.2
77 34.9 0.0 62.8

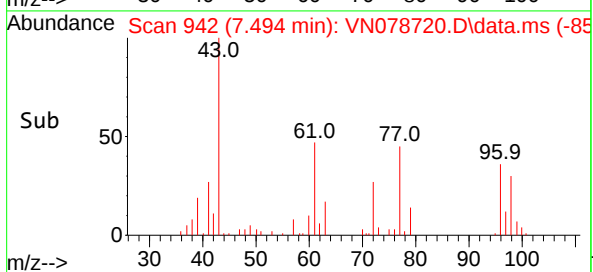
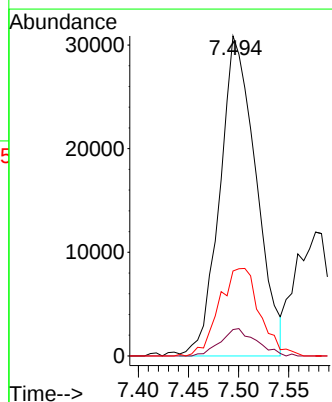
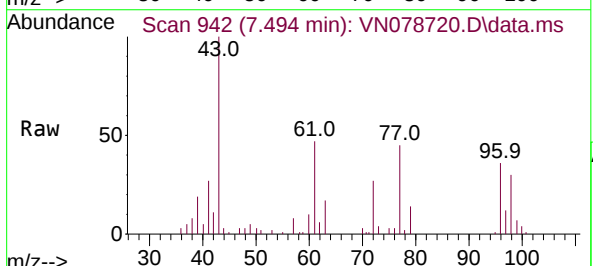
Manual Integrations
APPROVED

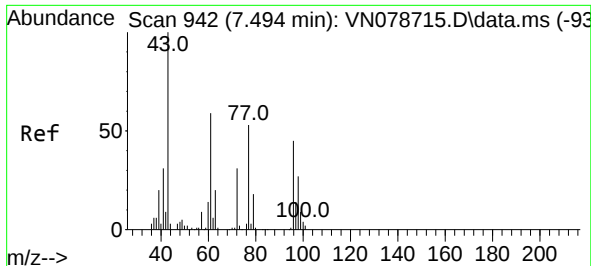
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#30
2-Butanone
Concen: 27.488 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

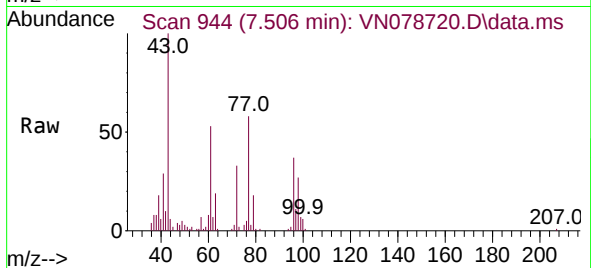
Tgt Ion: 43 Resp: 77419
Ion Ratio Lower Upper
43 100
57 8.4 6.8 10.2
72 30.0 23.8 35.6





#31
2,2-Dichloropropane
Concen: 5.361 ug/l m
RT: 7.506 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

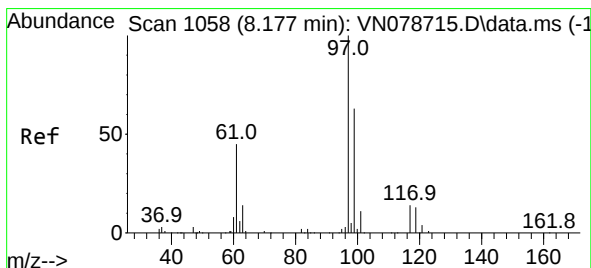
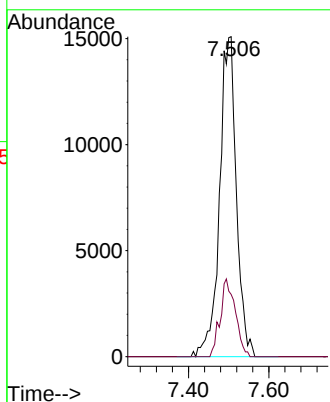
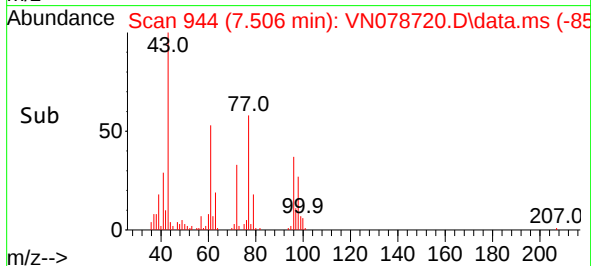
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 77 Resp: 4382
Ion Ratio Lower Upper
77 100
97 21.8 18.8 28.2

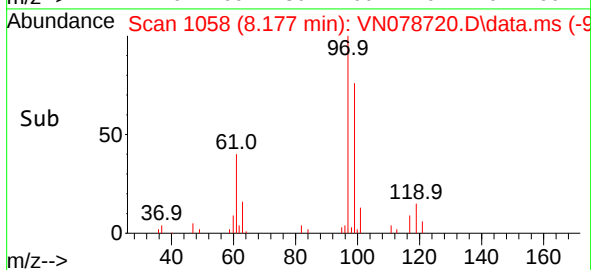
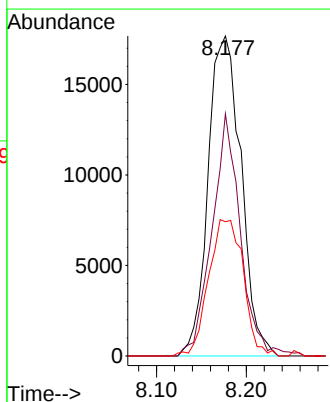
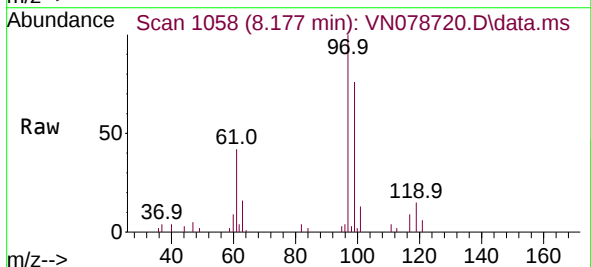
Manual Integrations
APPROVED

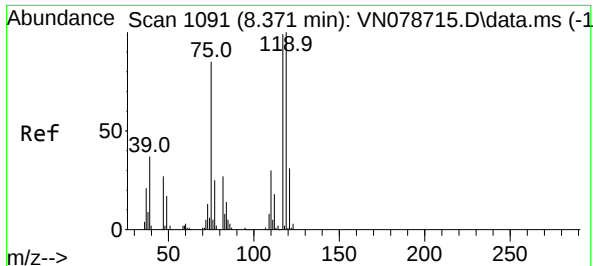
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#32
1,1,1-Trichloroethane
Concen: 4.928 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

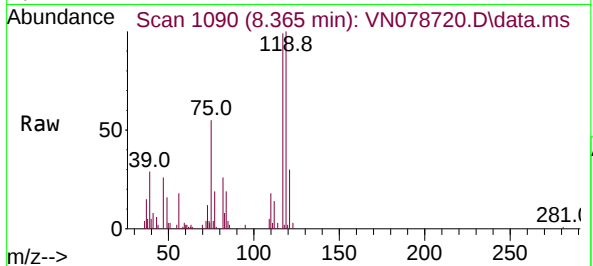
Tgt Ion: 97 Resp: 45053
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 44.4 34.6 52.0





#33
Carbon Tetrachloride
Concen: 4.750 ug/l
RT: 8.365 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

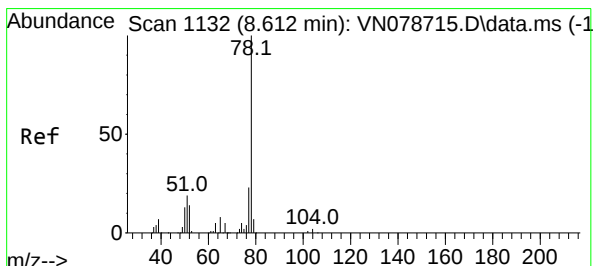
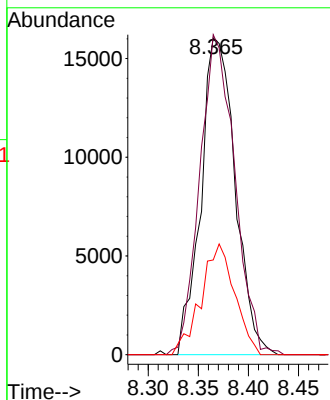
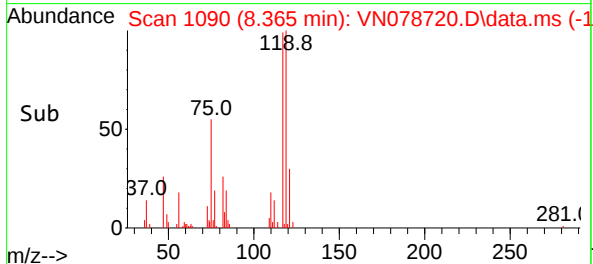
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 117 Resp: 38270
Ion Ratio Lower Upper
117 100
119 101.4 81.4 122.0
121 29.9 23.6 35.4

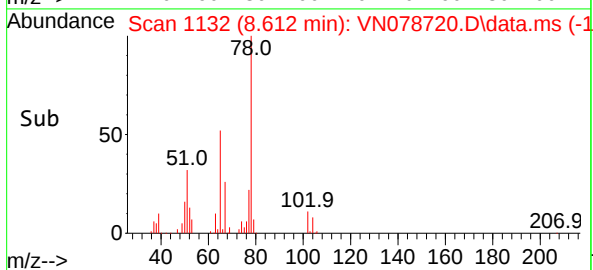
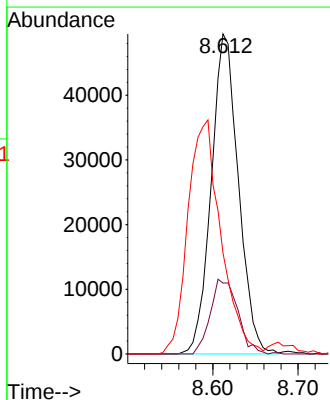
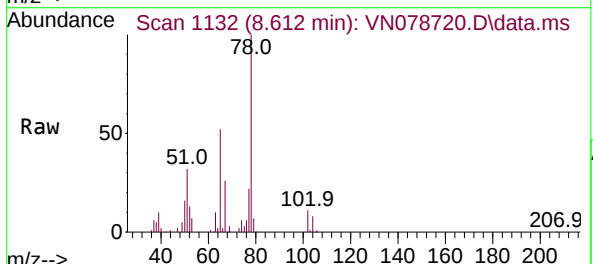
Manual Integrations
APPROVED

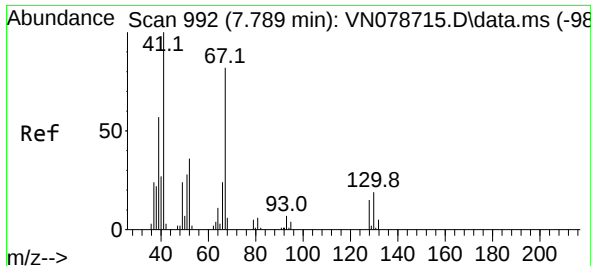
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#34
Benzene
Concen: 5.081 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion: 78 Resp: 109545
Ion Ratio Lower Upper
78 100
77 22.2 18.3 27.5
51 27.9 13.7 20.5





#35
Methacrylonitrile
Concen: 4.873 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.001 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Instrument :

MSVOA_N

ClientSampleId :

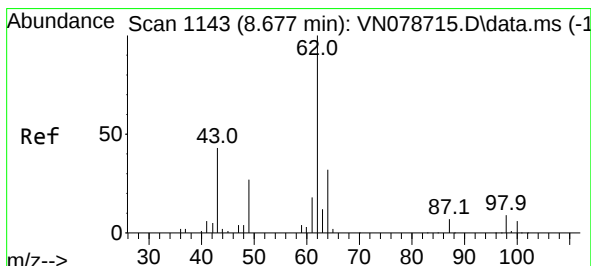
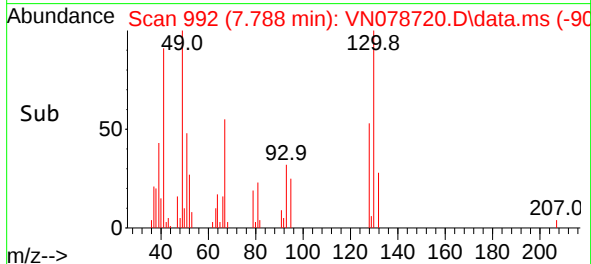
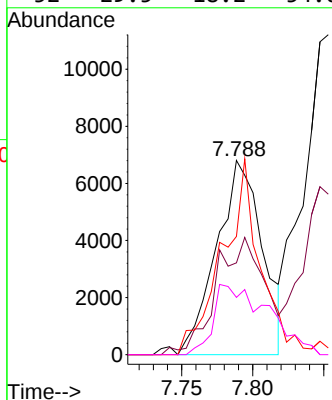
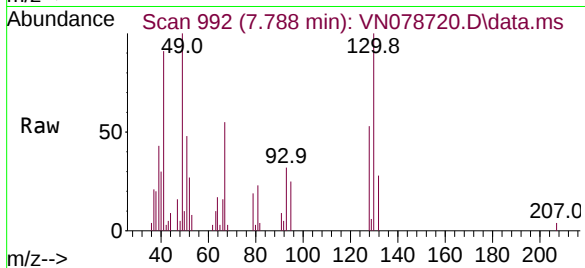
VSTDICC005

Tgt Ion: 41 Resp: 1527
Ion Ratio Lower Upper
41 100
39 44.8 33.9 101.6
67 60.9 45.9 137.6
52 29.5 18.2 54.6

Manual Integrations

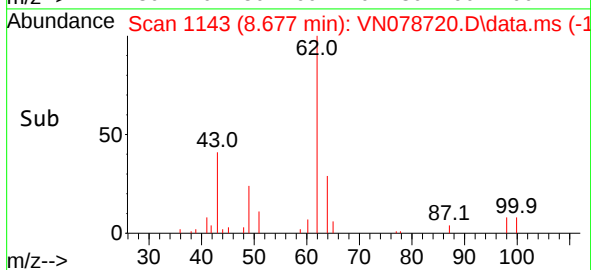
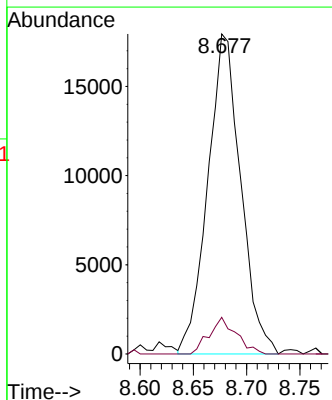
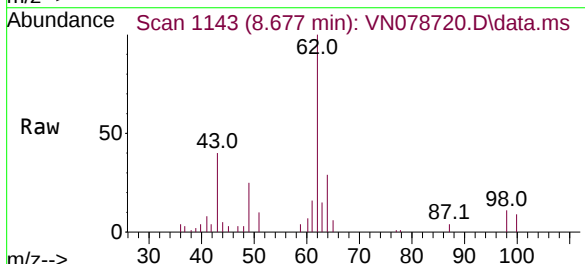
APPROVED

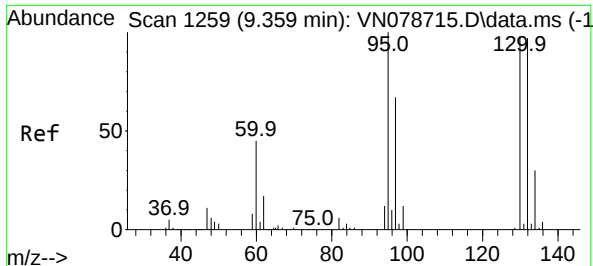
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#36
1,2-Dichloroethane
Concen: 5.068 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion: 62 Resp: 38553
Ion Ratio Lower Upper
62 100
98 9.4 7.4 11.0





#37

Trichloroethene

Concen: 4.924 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VN078720.D

Acq: 01 Aug 2023 16:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:130 Resp: 2924

Ion Ratio Lower Upper

130 100

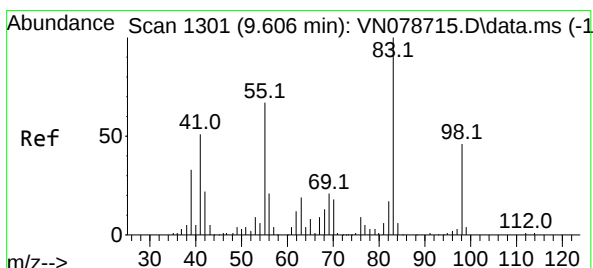
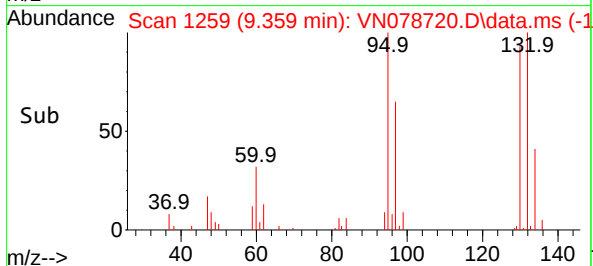
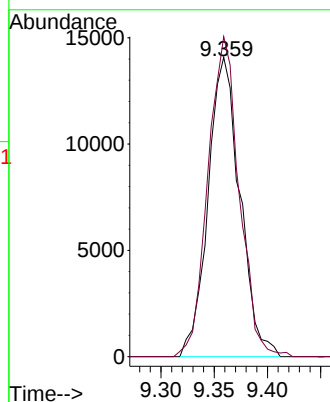
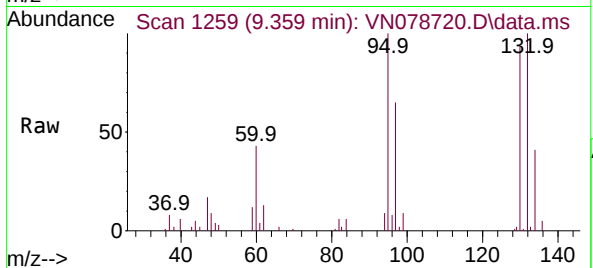
95 105.7 78.2 117.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#38

Methylcyclohexane

Concen: 4.931 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN078720.D

Acq: 01 Aug 2023 16:36

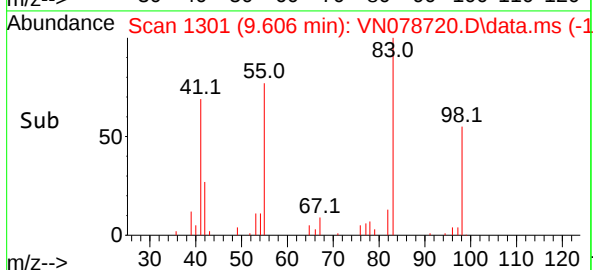
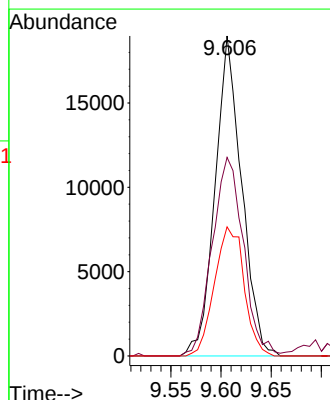
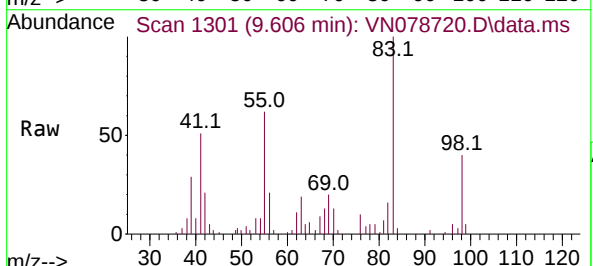
Tgt Ion: 83 Resp: 35012

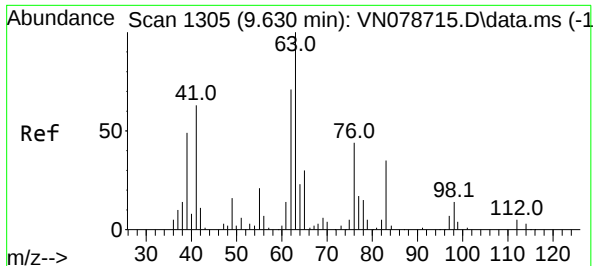
Ion Ratio Lower Upper

83 100

55 72.8 34.0 102.0

98 44.9 23.0 69.0





#39
1,2-Dichloropropane
Concen: 5.031 ug/l
RT: 9.630 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Instrument :

MSVOA_N

ClientSampleId :

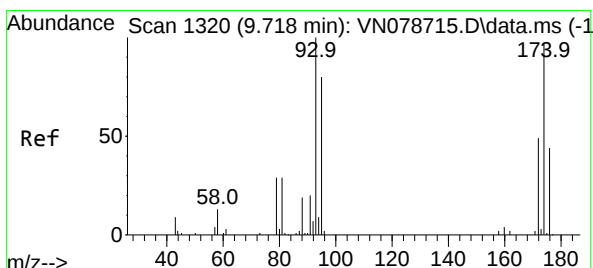
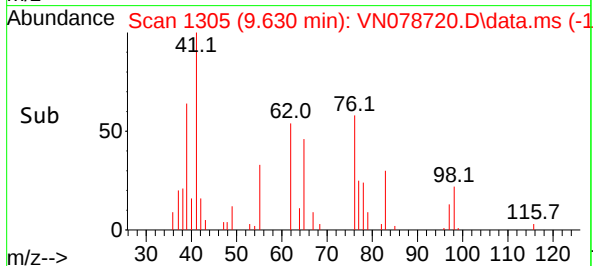
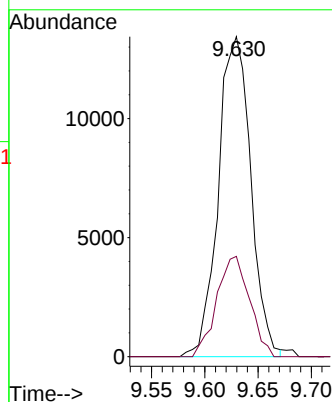
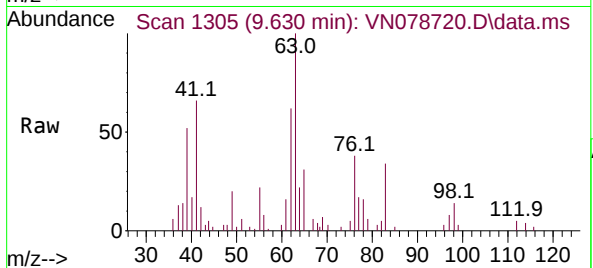
VSTDIC005

Tgt Ion: 63 Resp: 2846
Ion Ratio Lower Upper
63 100
65 31.4 27.4 41.2

Manual Integrations

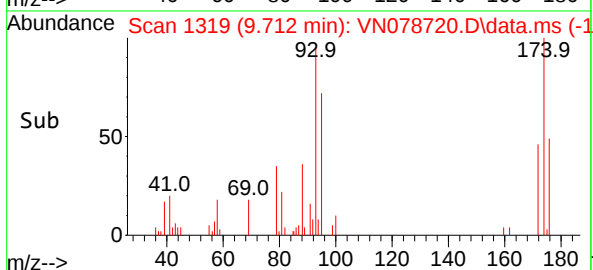
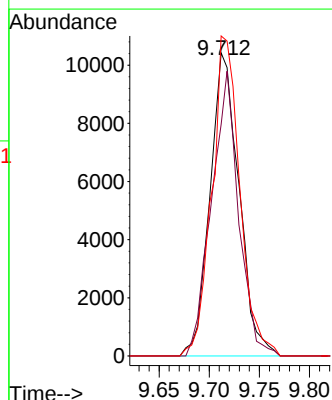
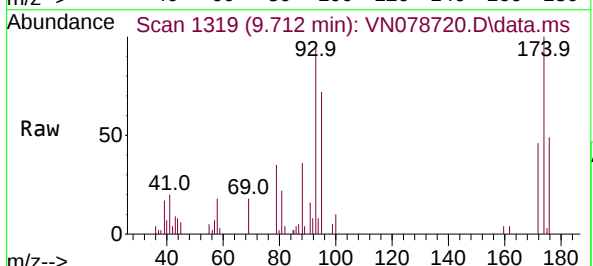
APPROVED

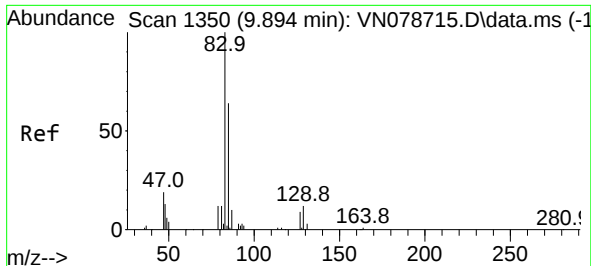
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#40
Dibromomethane
Concen: 5.221 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

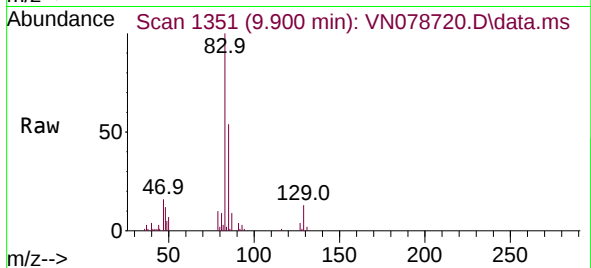
Tgt Ion: 93 Resp: 20948
Ion Ratio Lower Upper
93 100
95 88.1 0.0 167.8
174 102.2 0.0 180.8





#41
Bromodichloromethane
Concen: 5.179 ug/l
RT: 9.900 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

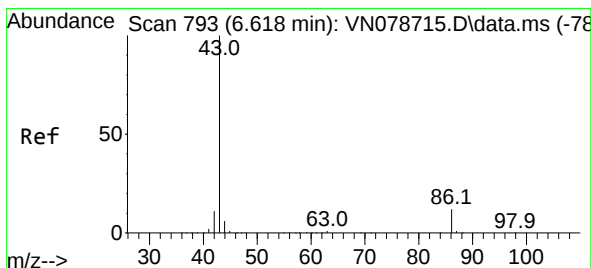
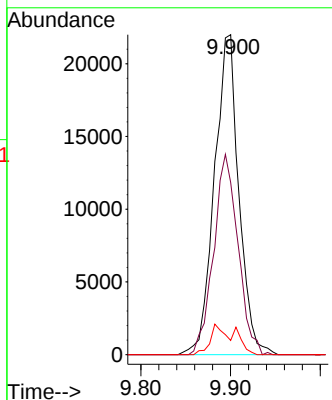
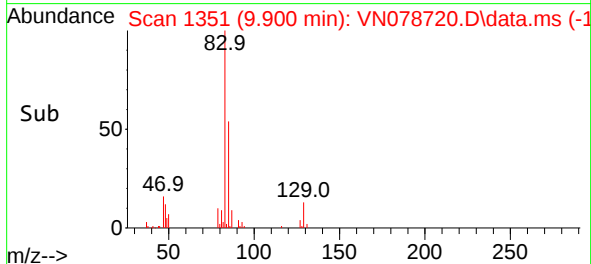
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 41580
Ion Ratio Lower Upper
83 100
85 53.8 54.1 81.1
127 4.5 7.8 11.6

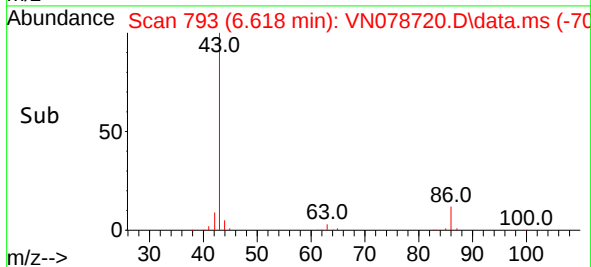
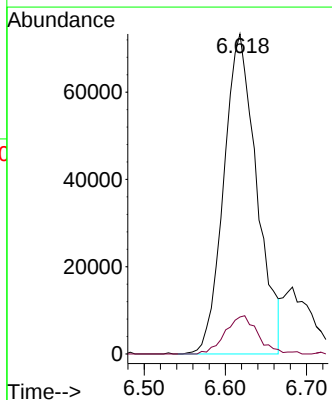
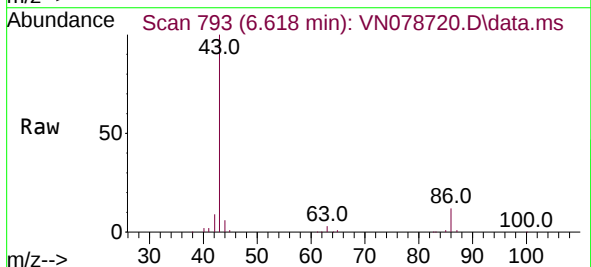
Manual Integrations
APPROVED

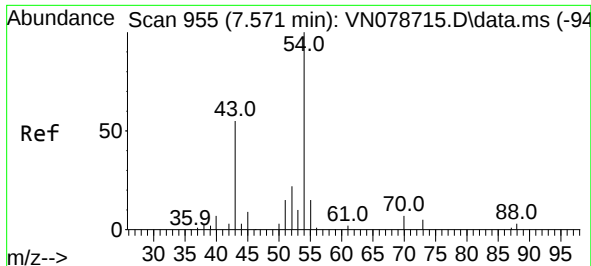
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#42
Vinyl Acetate
Concen: 21.940 ug/l
RT: 6.618 min Scan# 793
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

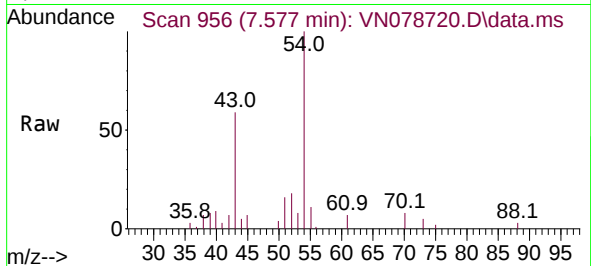
Tgt Ion: 43 Resp: 206970
Ion Ratio Lower Upper
43 100
86 11.7 9.4 14.0





#43
Ethyl Acetate
Concen: 5.288 ug/l m
RT: 7.577 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

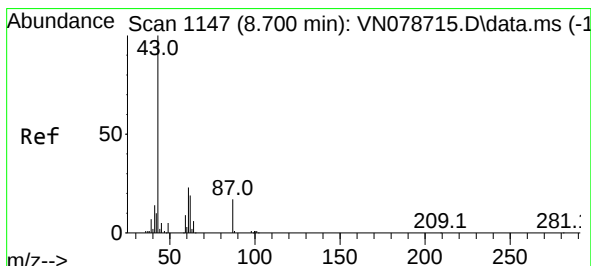
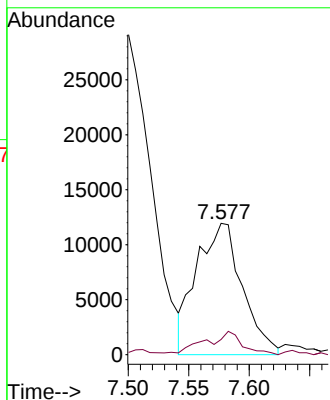
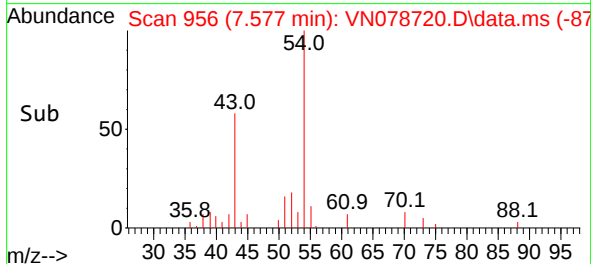
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



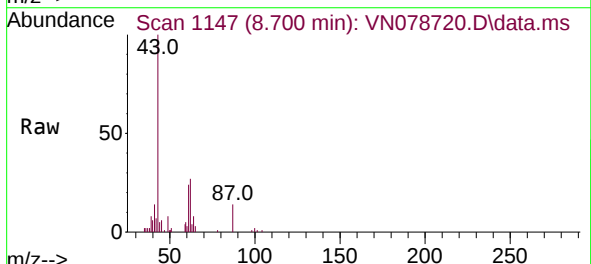
Tgt Ion: 43 Resp: 3140
Ion Ratio Lower Upper
43 100
45 8.4 10.9 16.3

Manual Integrations
APPROVED

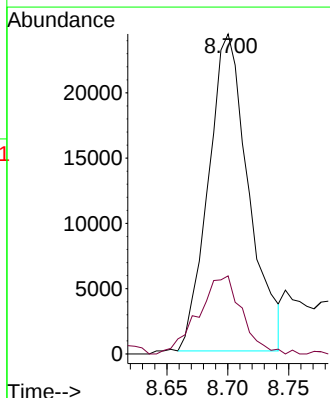
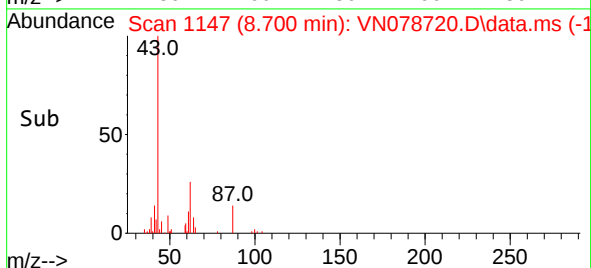
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

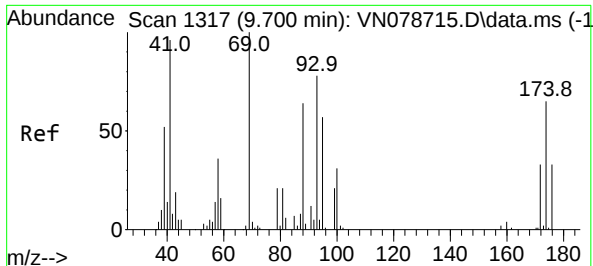


#44
Isopropyl Acetate
Concen: 5.381 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36



Tgt Ion: 43 Resp: 55907
Ion Ratio Lower Upper
43 100
61 26.4 23.0 34.6





#45

1,4-Dioxane

Concen: 100.125 ug/l

RT: 9.706 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VN078720.D

Acq: 01 Aug 2023 16:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 88 Resp: 9340

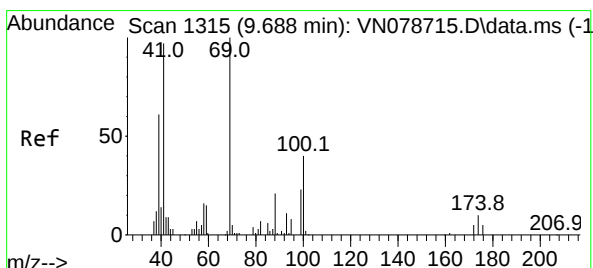
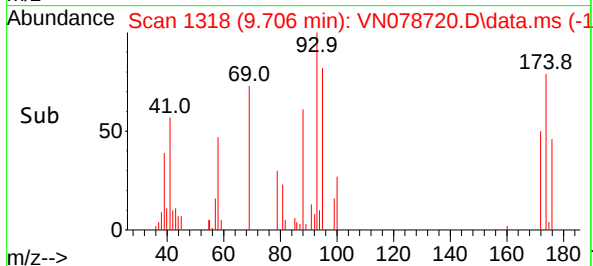
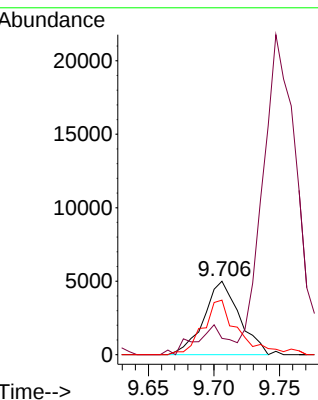
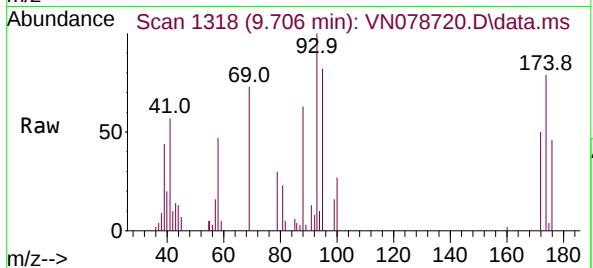
Ion	Ratio	Lower	Upper
88	100		
43	9.1	19.0	28.6
58	72.2	48.2	72.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#46

Methyl methacrylate

Concen: 4.369 ug/l

RT: 9.688 min Scan# 1315

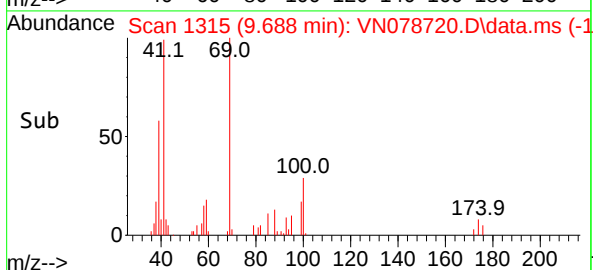
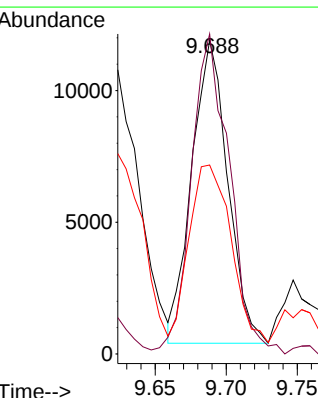
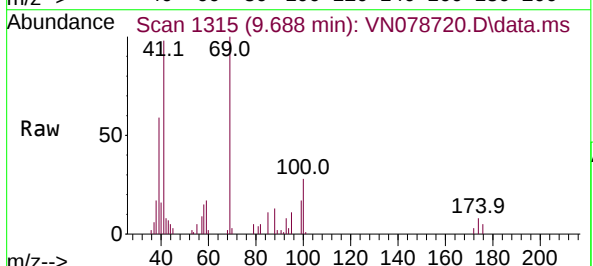
Delta R.T. 0.000 min

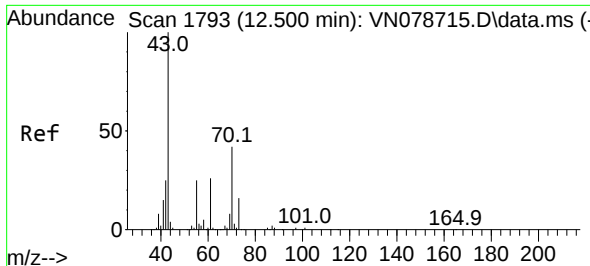
Lab File: VN078720.D

Acq: 01 Aug 2023 16:36

Tgt Ion: 41 Resp: 20269

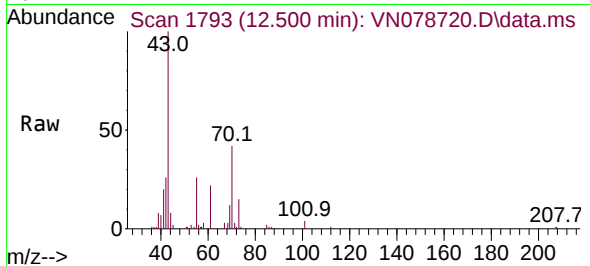
Ion	Ratio	Lower	Upper
41	100		
69	103.0	49.0	147.0
39	58.7	31.6	94.8





#47
n-amy1 Acetate
Concen: 5.142 ug/l
RT: 12.500 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

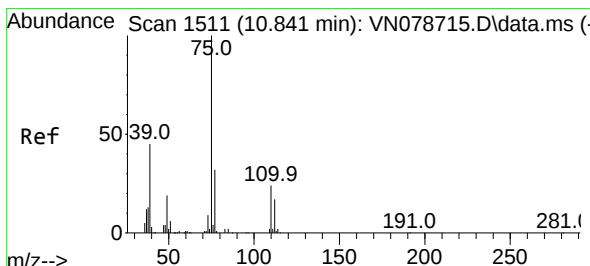
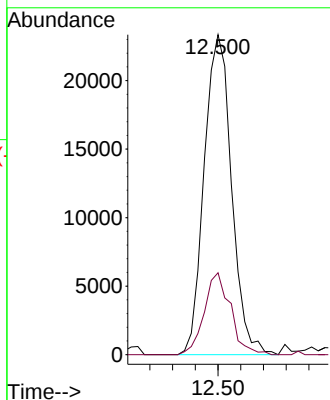
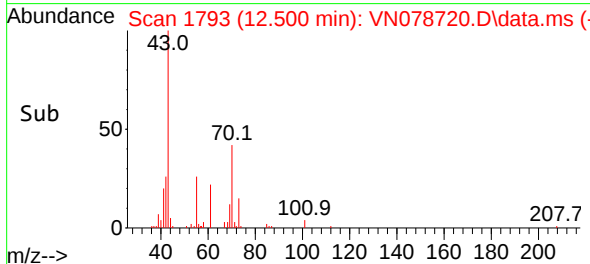
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



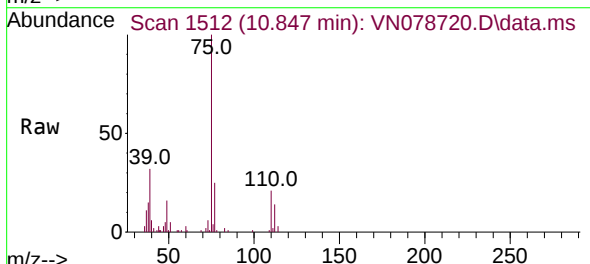
Tgt Ion: 43 Resp: 3908
Ion Ratio Lower Upper
43 100
55 24.6 21.5 32.3

Manual Integrations
APPROVED

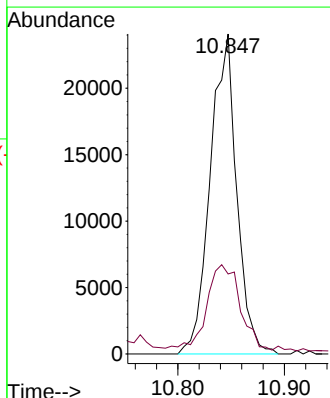
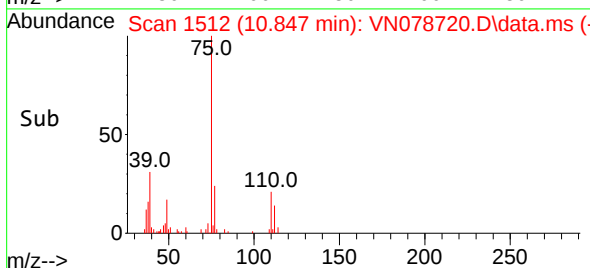
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

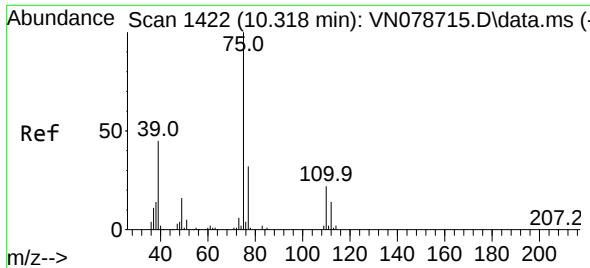


#48
t-1,3-Dichloropropene
Concen: 4.868 ug/l
RT: 10.847 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36



Tgt Ion: 75 Resp: 41515
Ion Ratio Lower Upper
75 100
77 22.8 26.1 39.1#





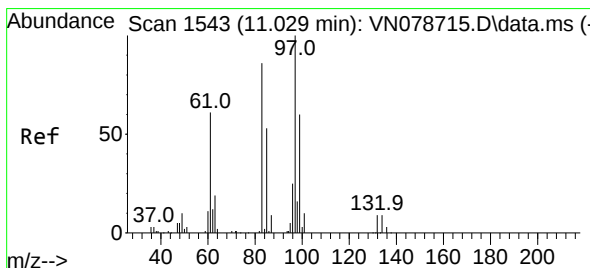
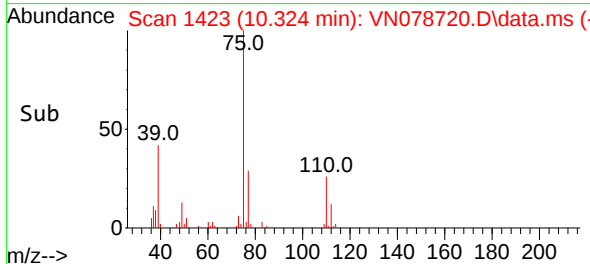
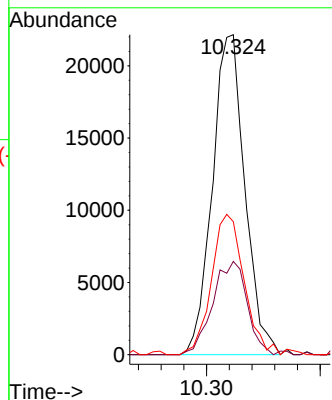
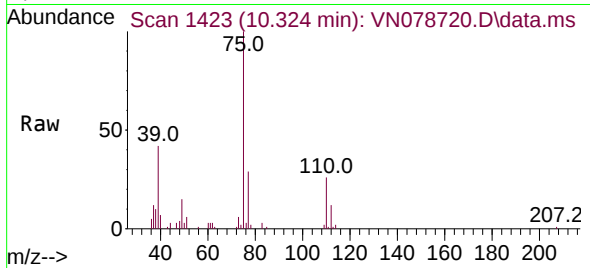
#49
cis-1,3-Dichloropropene
Concen: 4.868 ug/l
RT: 10.324 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 43984
Ion Ratio Lower Upper
75 100
77 29.2 24.0 36.0
39 41.5 35.1 52.7

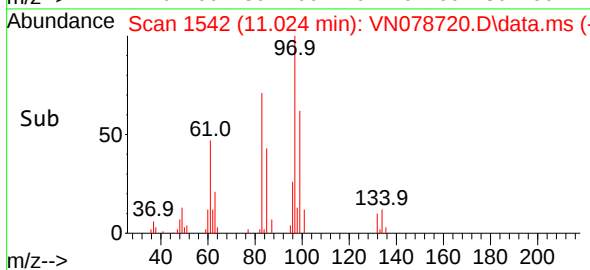
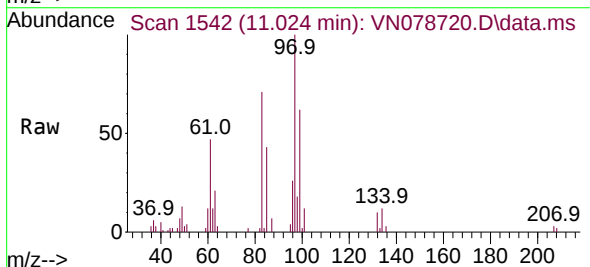
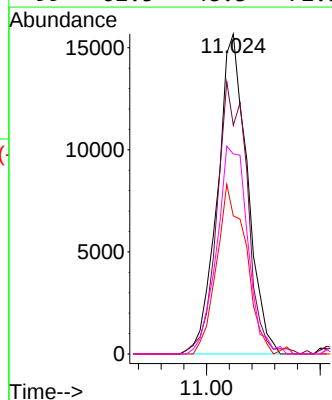
Manual Integrations
APPROVED

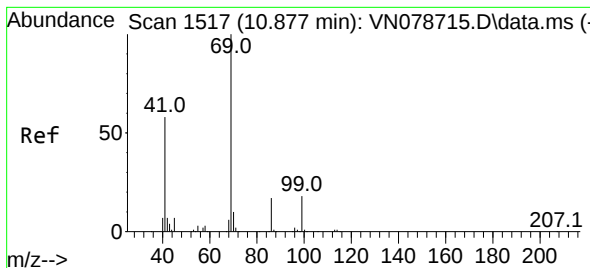
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#50
1,1,2-Trichloroethane
Concen: 4.959 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. -0.005 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion: 97 Resp: 28606
Ion Ratio Lower Upper
97 100
83 71.4 66.8 100.2
85 43.1 42.5 63.7
99 62.5 48.3 72.5





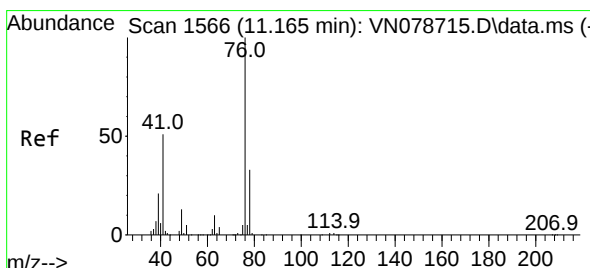
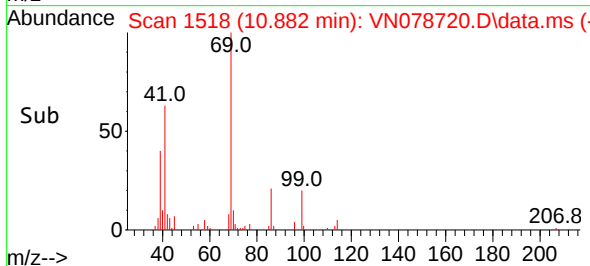
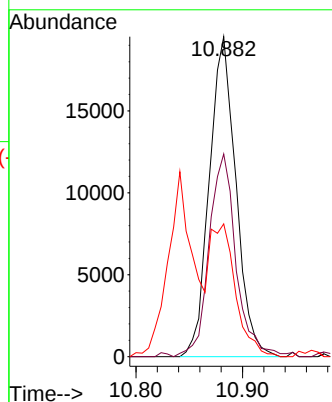
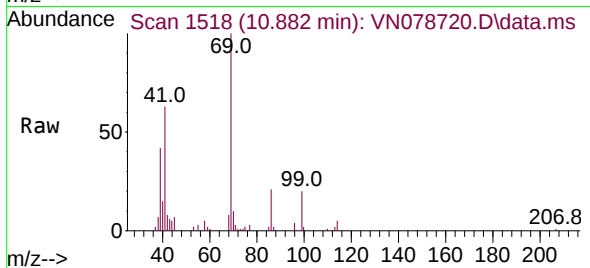
#51
Ethyl methacrylate
Concen: 4.395 ug/l
RT: 10.882 min Scan# 1517
Delta R.T. 0.005 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 69 Resp: 3390
Ion Ratio Lower Upper
69 100
41 62.4 26.0 78.0
39 41.5 16.3 48.9

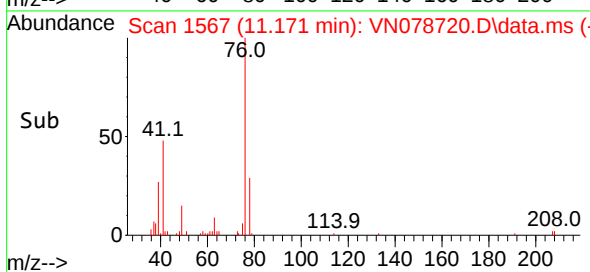
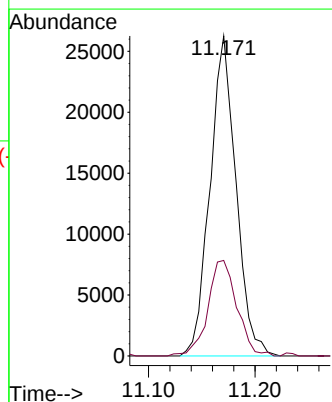
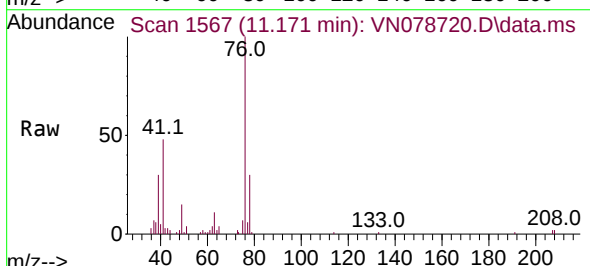
Manual Integrations
APPROVED

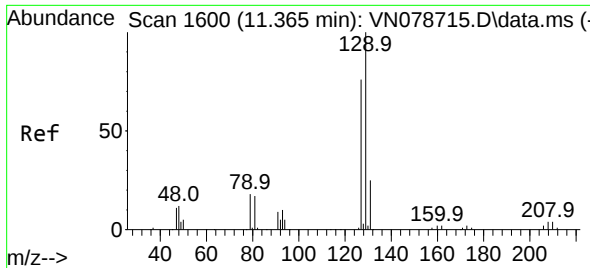
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#52
1,3-Dichloropropane
Concen: 4.254 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

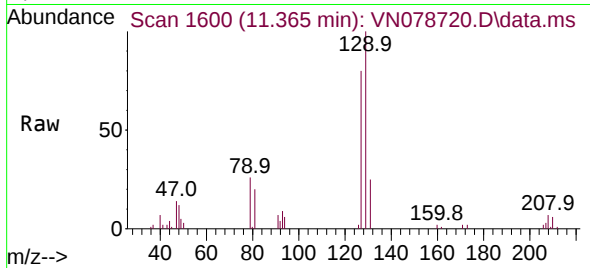
Tgt Ion: 76 Resp: 44575
Ion Ratio Lower Upper
76 100
78 31.4 0.0 66.2





#53
Dibromochloromethane
Concen: 4.514 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

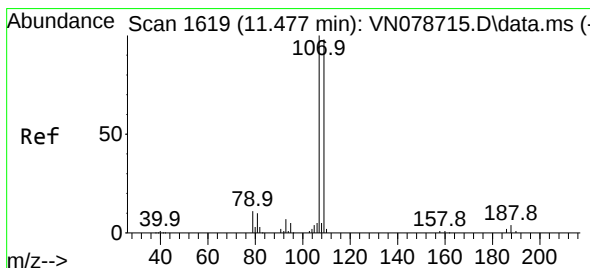
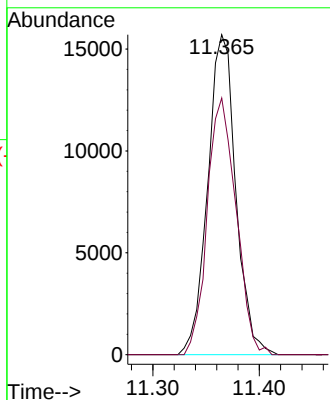
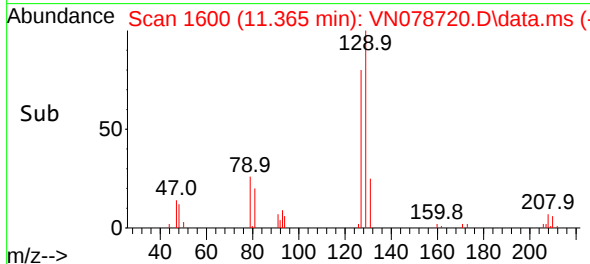
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



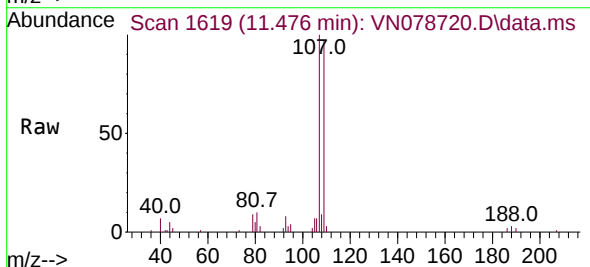
Tgt Ion:129 Resp: 28788
Ion Ratio Lower Upper
129 100
127 82.0 39.4 118.1

Manual Integrations
APPROVED

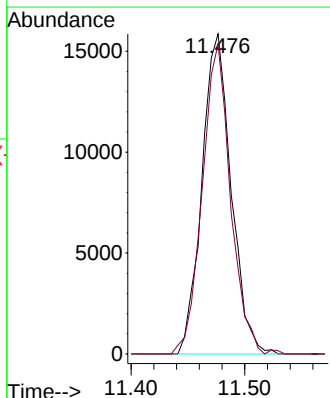
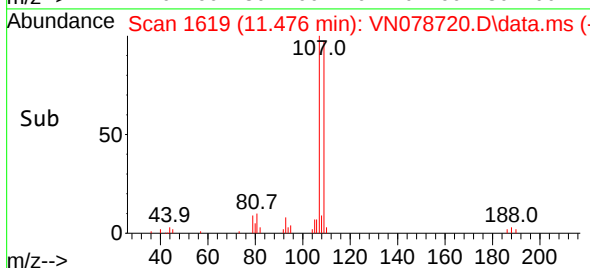
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

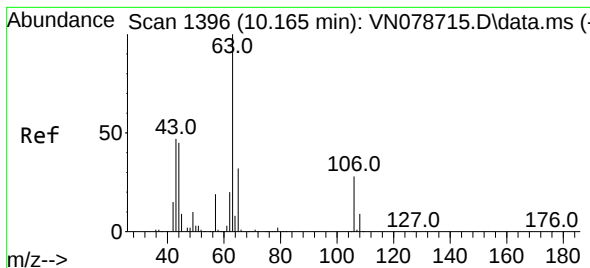


#54
1,2-Dibromoethane
Concen: 4.973 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.001 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36



Tgt Ion:107 Resp: 28322
Ion Ratio Lower Upper
107 100
109 93.3 74.6 112.0





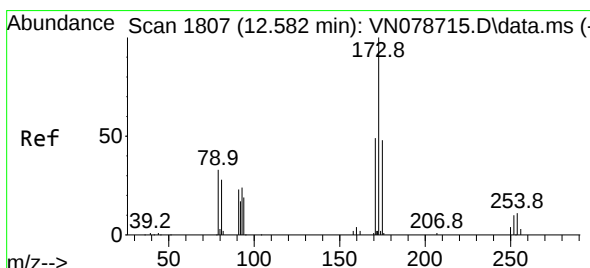
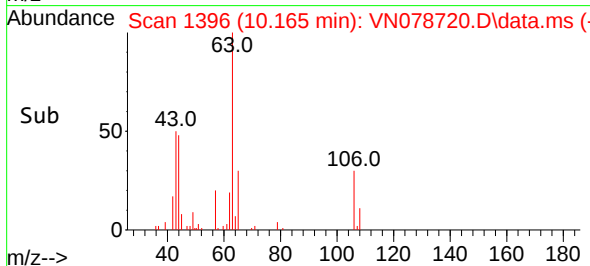
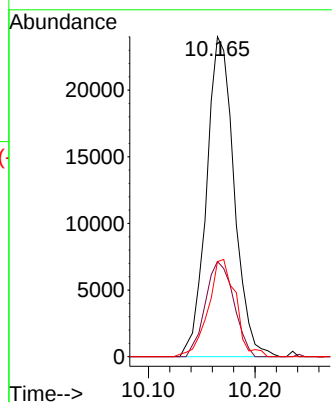
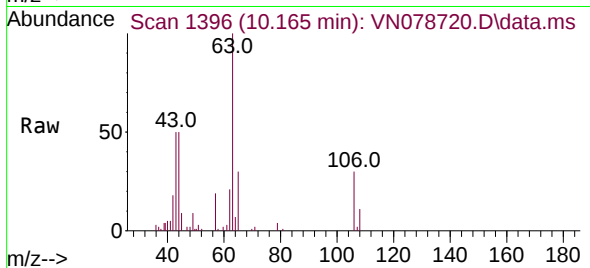
#55
2-Chloroethyl vinyl ether
Concen: 17.621 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 43310
Ion Ratio Lower Upper
63 100
65 30.6 26.3 39.5
106 29.4 23.8 35.6

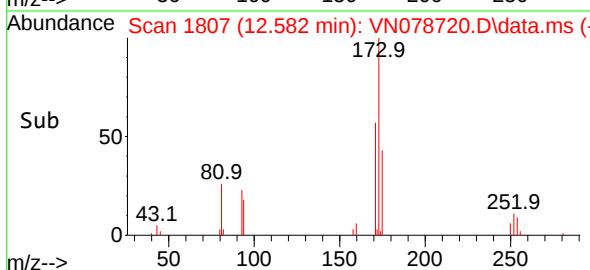
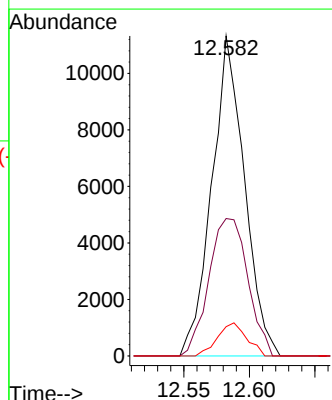
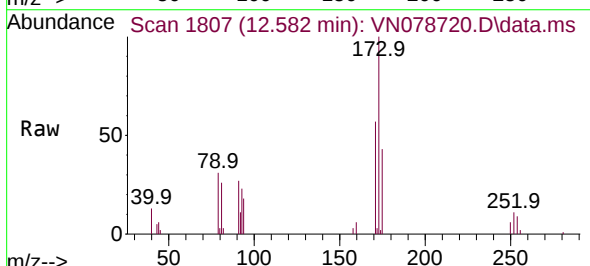
Manual Integrations
APPROVED

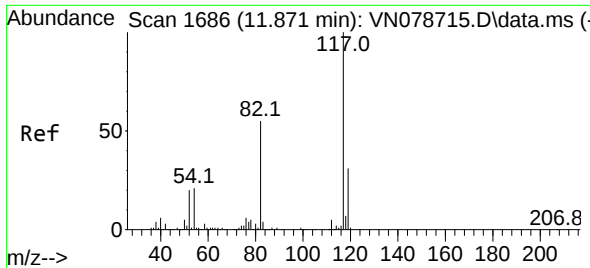
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#56
Bromoform
Concen: 4.884 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

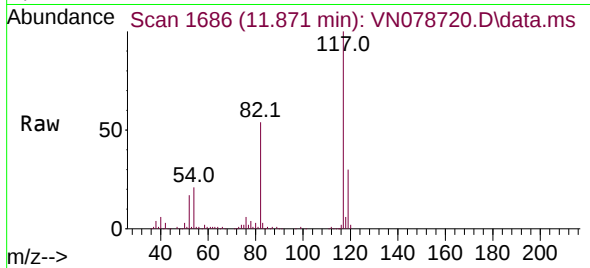
Tgt Ion:173 Resp: 19607
Ion Ratio Lower Upper
173 100
175 51.2 40.7 61.1
254 9.2 6.5 9.7





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

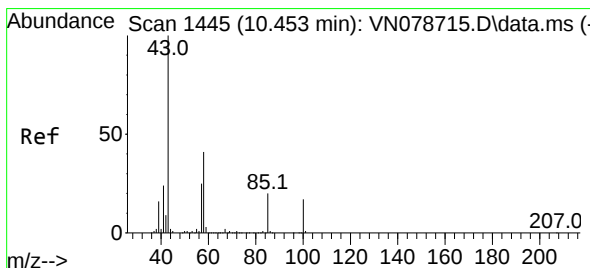
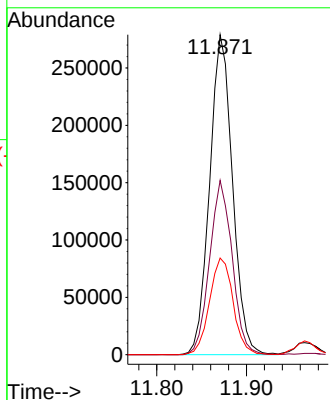
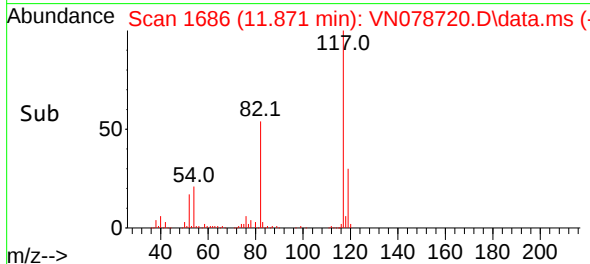
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



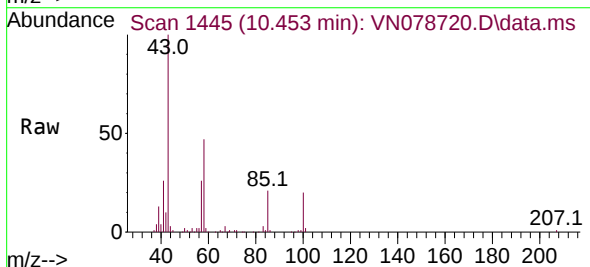
Tgt Ion: 117 Resp: 49433
Ion Ratio Lower Upper
117 100
82 53.7 43.9 65.9
119 31.2 26.2 39.4

Manual Integrations
APPROVED

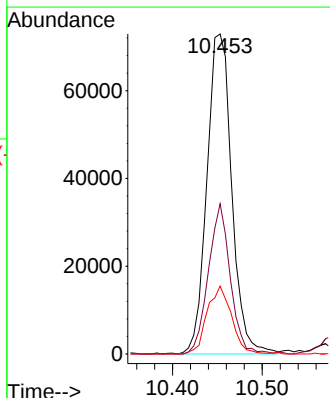
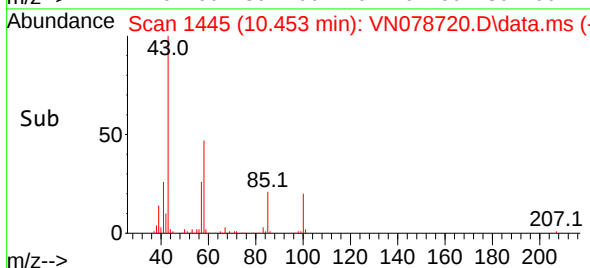
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

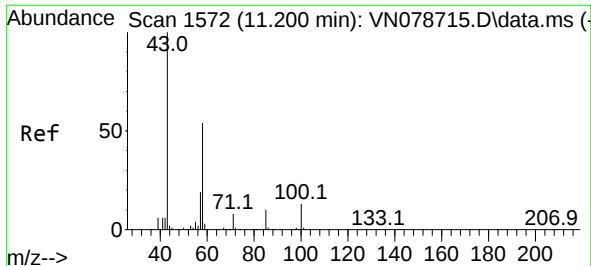


#58
4-Methyl-2-Pentanone
Concen: 22.133 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36



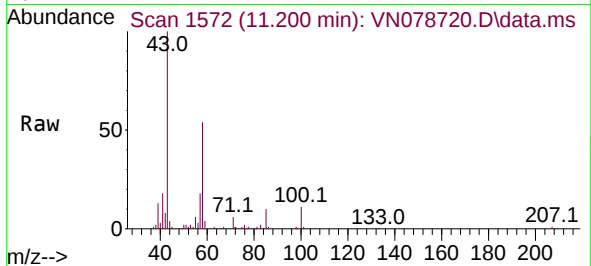
Tgt Ion: 43 Resp: 140358
Ion Ratio Lower Upper
43 100
58 41.0 32.6 48.8
85 20.8 16.2 24.2





#59
2-Hexanone
Concen: 22.467 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

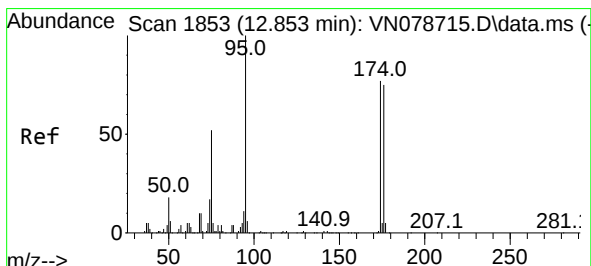
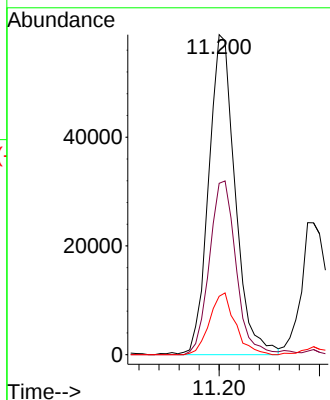
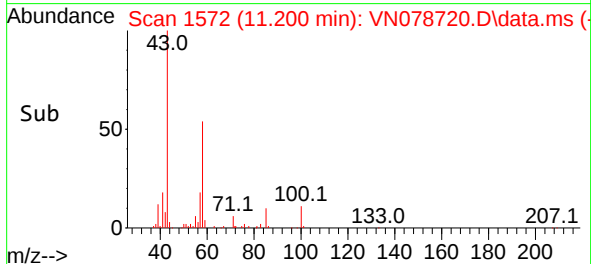
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 108149
Ion Ratio Lower Upper
43 100
58 54.4 45.9 68.9
57 18.7 15.8 23.6

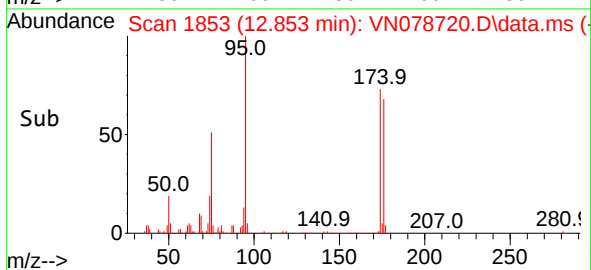
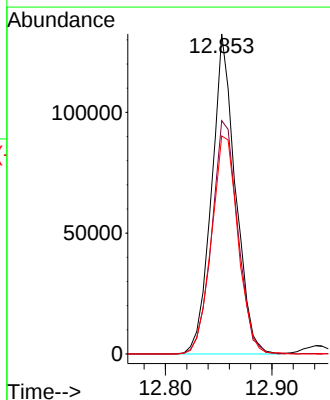
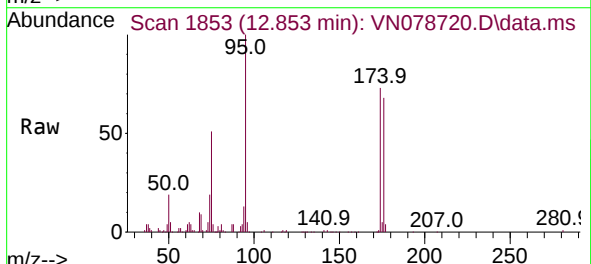
Manual Integrations
APPROVED

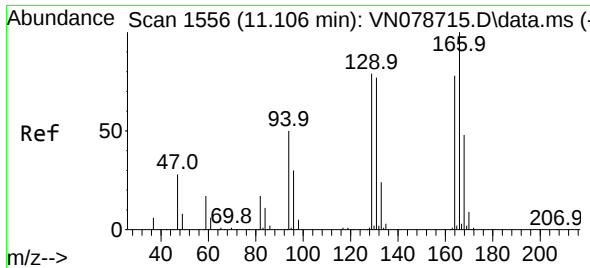
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#60
4-Bromofluorobenzene
Concen: 28.832 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

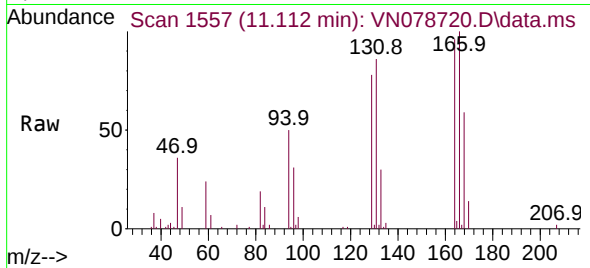
Tgt Ion: 95 Resp: 205343
Ion Ratio Lower Upper
95 100
174 79.3 61.7 92.5
176 76.1 58.1 87.1





#61
Tetrachloroethene
Concen: 4.546 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

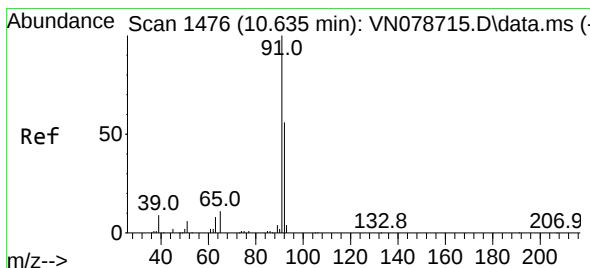
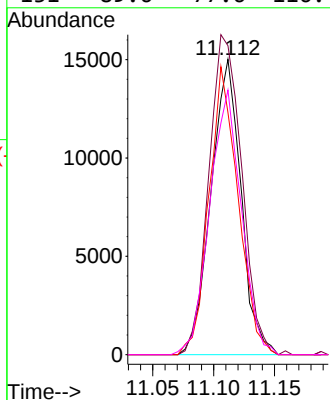
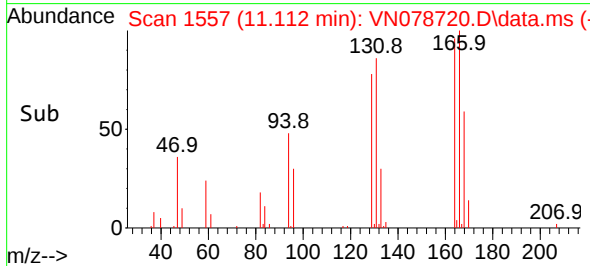
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:164 Resp: 25690
Ion Ratio Lower Upper
164 100
166 104.6 99.1 148.7
129 82.0 85.6 128.4
131 89.6 77.6 116.4

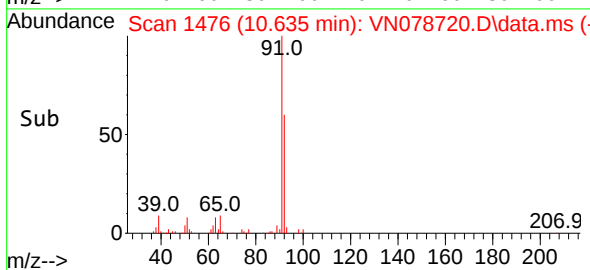
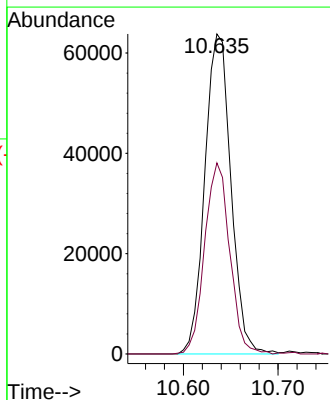
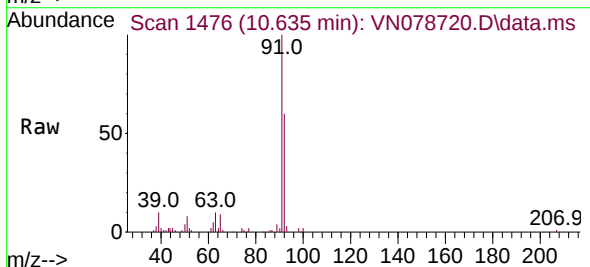
Manual Integrations
APPROVED

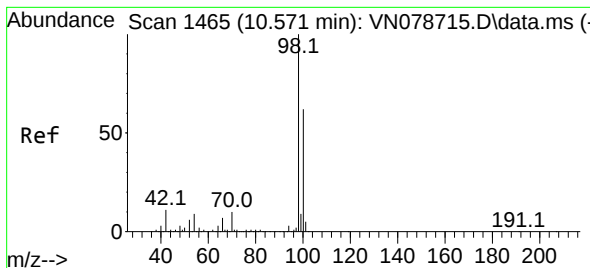
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#62
Toluene
Concen: 4.812 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

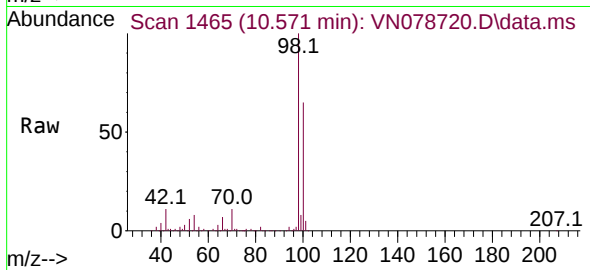
Tgt Ion: 91 Resp: 122093
Ion Ratio Lower Upper
91 100
92 57.3 45.2 67.8





#63
Toluene-d8
Concen: 28.856 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

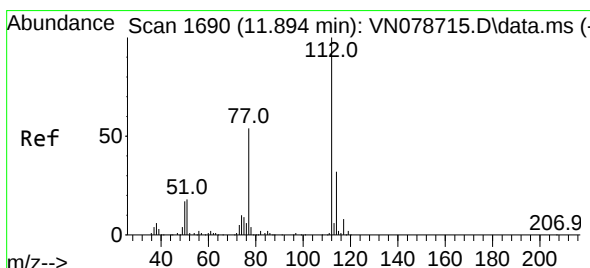
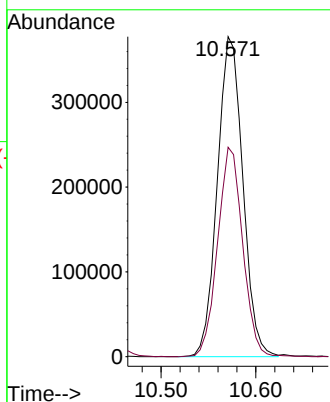
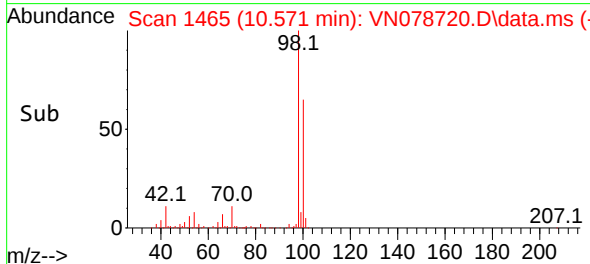
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



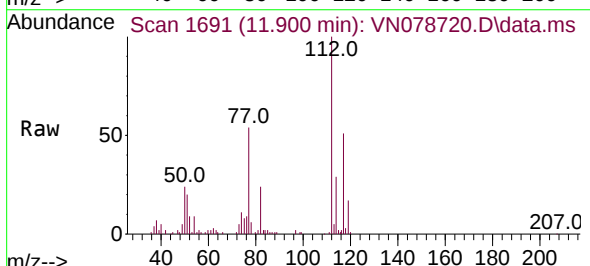
Tgt Ion: 98 Resp: 706428
Ion Ratio Lower Upper
98 100
100 64.4 49.7 74.5

Manual Integrations
APPROVED

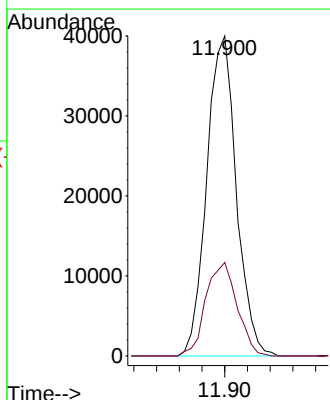
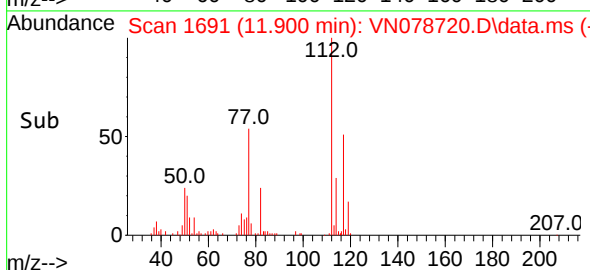
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

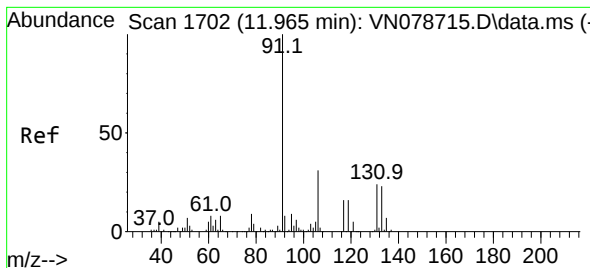


#64
Chlorobenzene
Concen: 4.939 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36



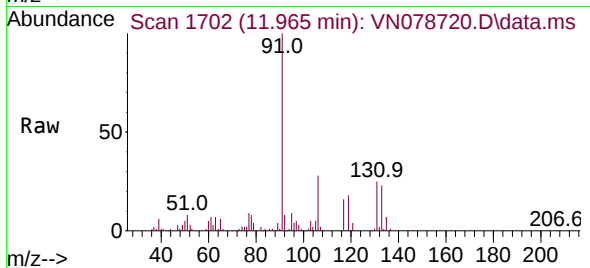
Tgt Ion:112 Resp: 72443
Ion Ratio Lower Upper
112 100
114 29.2 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 4.713 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

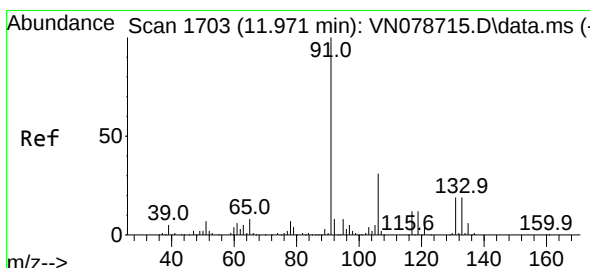
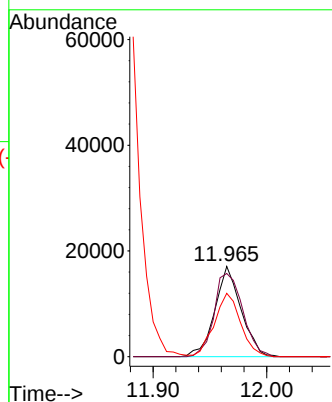
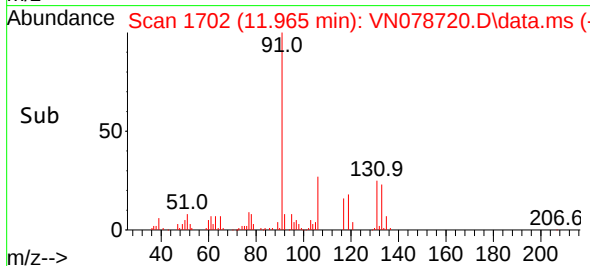
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:131 Resp: 2744
Ion Ratio Lower Upper
131 100
133 100.6 0.0 191.8
119 70.5 0.0 132.0

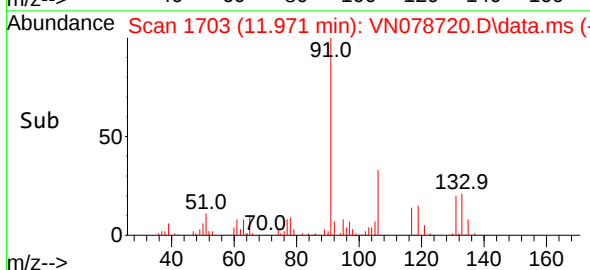
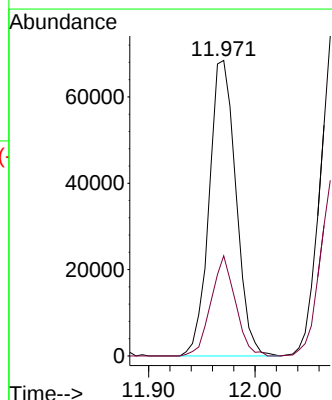
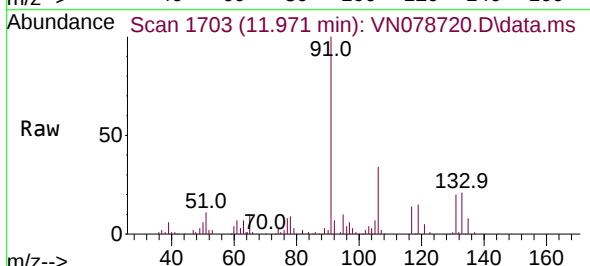
Manual Integrations
APPROVED

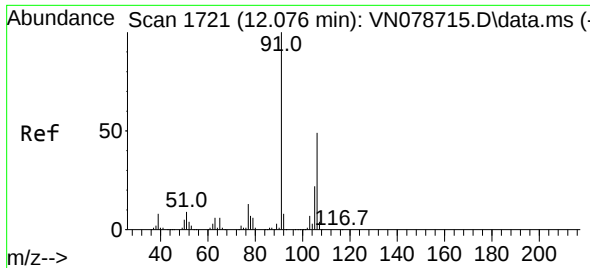
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#66
Ethyl Benzene
Concen: 4.770 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion: 91 Resp: 119643
Ion Ratio Lower Upper
91 100
106 33.9 25.6 38.4





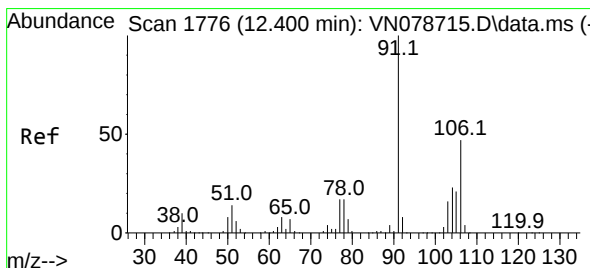
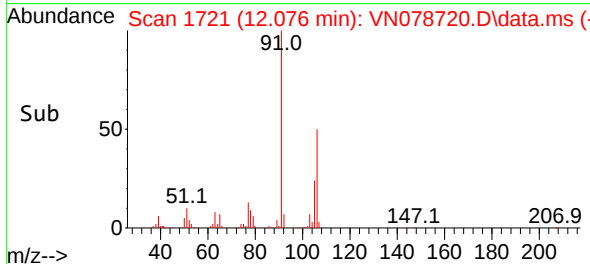
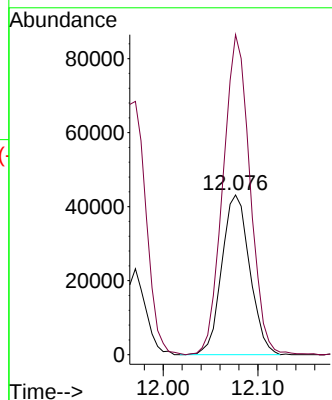
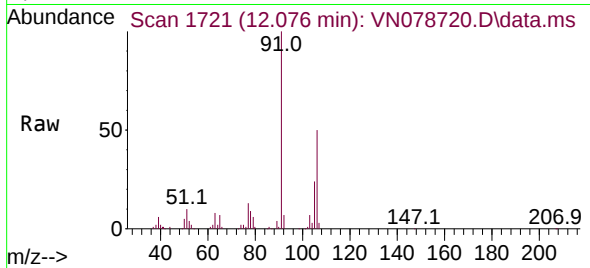
#67
m/p-Xylenes
Concen: 9.244 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 88240
Ion Ratio Lower Upper
106 100
91 194.1 162.5 243.7

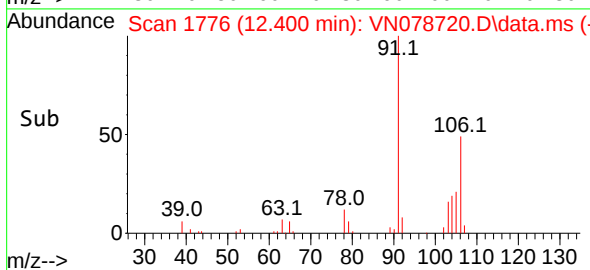
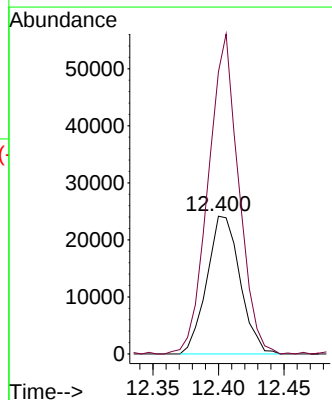
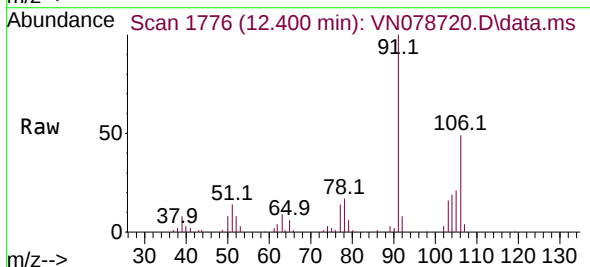
Manual Integrations
APPROVED

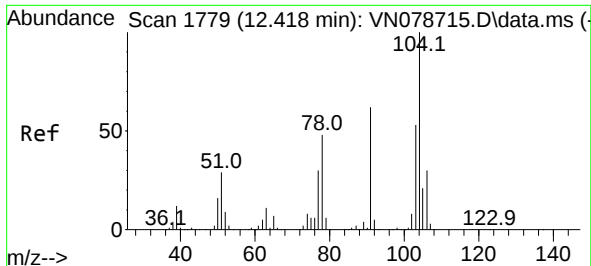
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#68
o-Xylene
Concen: 4.463 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Tgt Ion:106 Resp: 42572
Ion Ratio Lower Upper
106 100
91 212.6 106.1 318.3





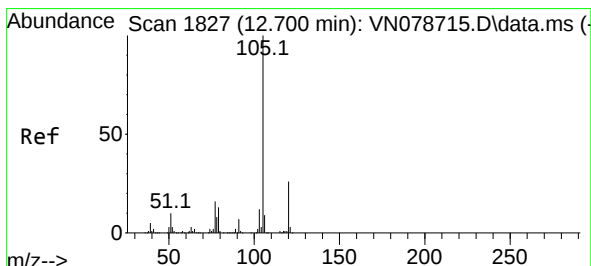
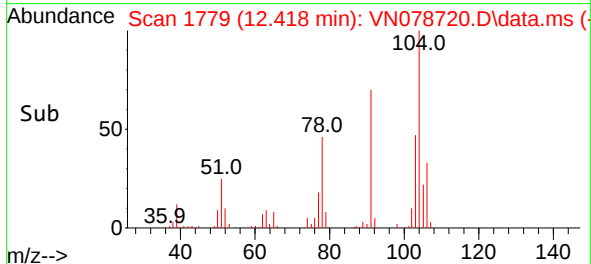
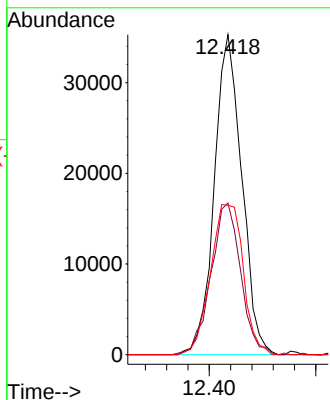
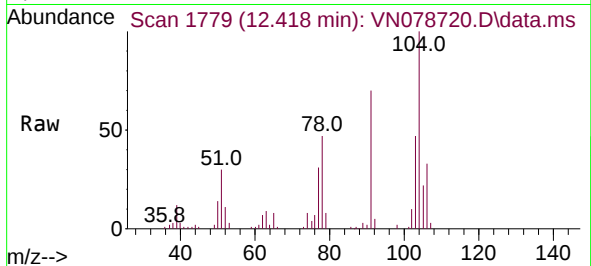
#69
Styrene
Concen: 4.248 ug/l
RT: 12.418 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:104 Resp: 63094
Ion Ratio Lower Upper
104 100
78 51.1 40.1 60.1
103 55.9 45.1 67.7

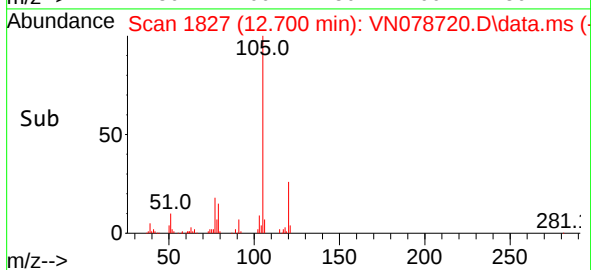
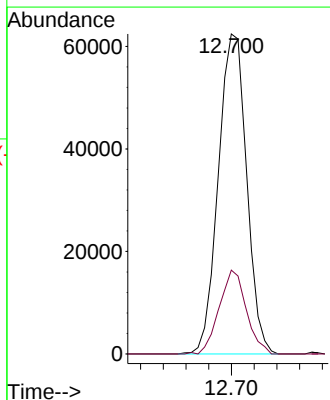
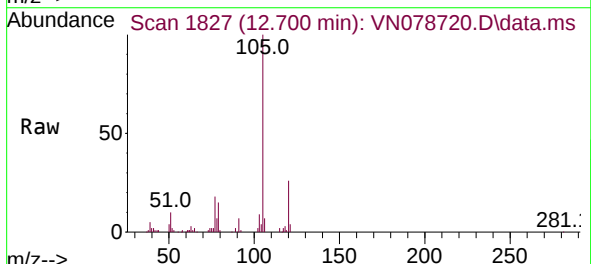
Manual Integrations
APPROVED

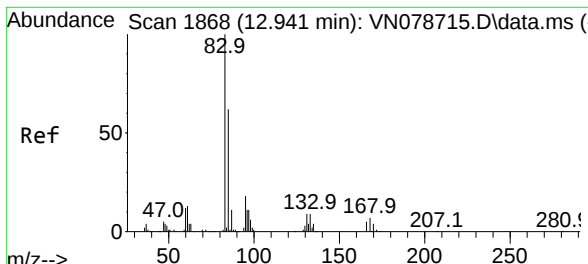
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#70
Isopropylbenzene
Concen: 4.559 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

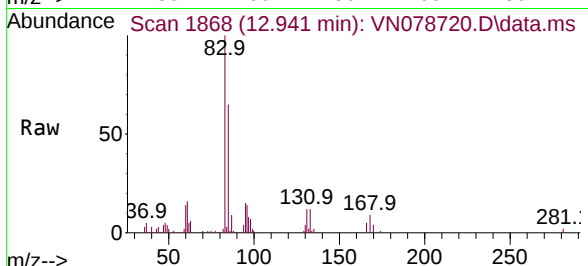
Tgt Ion:105 Resp: 108139
Ion Ratio Lower Upper
105 100
120 24.9 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 5.107 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

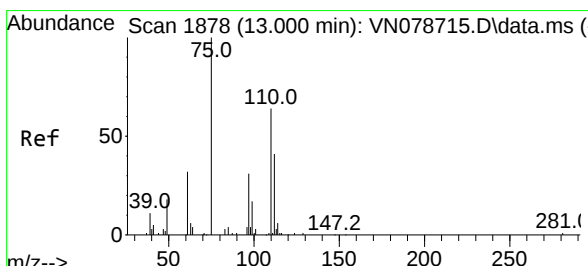
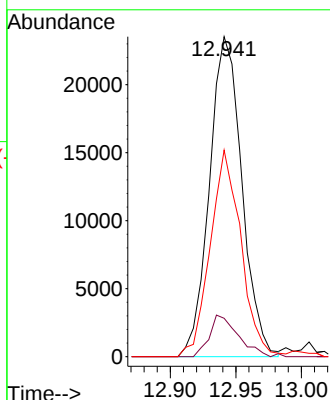
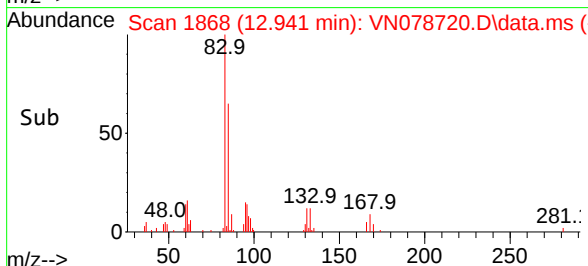
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



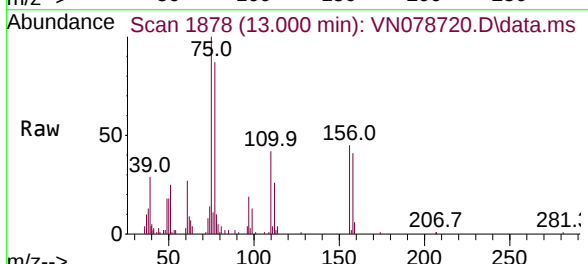
Tgt Ion: 83 Resp: 40544
Ion Ratio Lower Upper
83 100
131 11.4 4.8 14.4
85 61.1 32.6 98.0

Manual Integrations
APPROVED

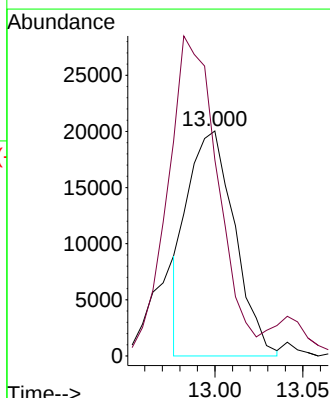
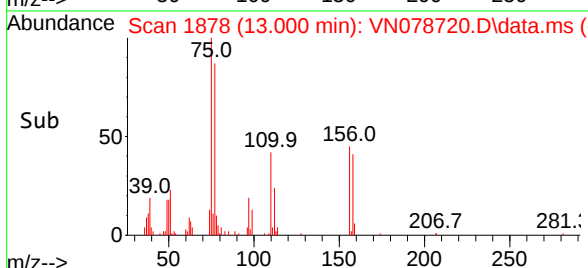
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

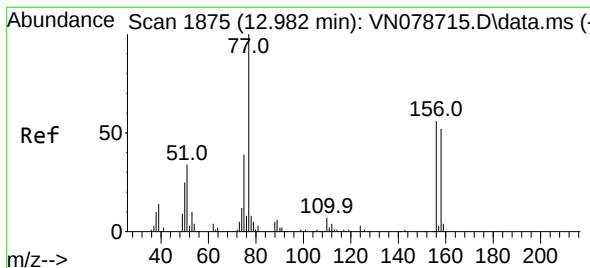


#72
1,2,3-Trichloropropane
Concen: 4.974 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36



Tgt Ion: 75 Resp: 37428
Ion Ratio Lower Upper
75 100
77 151.6 0.0 387.4





#73

Bromobenzene

Concen: 4.973 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN078720.D

Acq: 01 Aug 2023 16:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

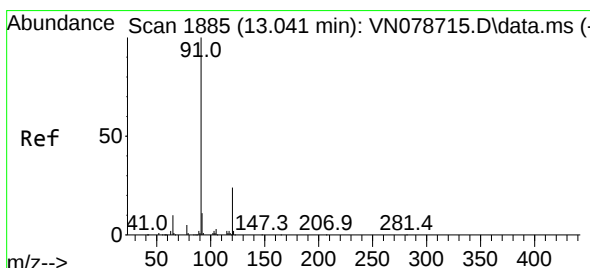
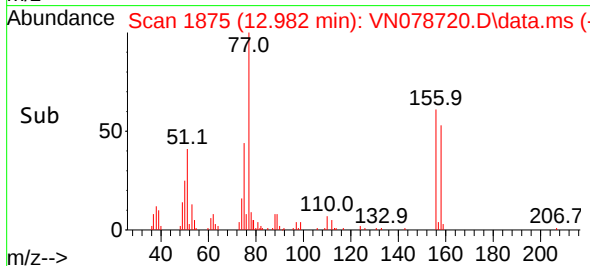
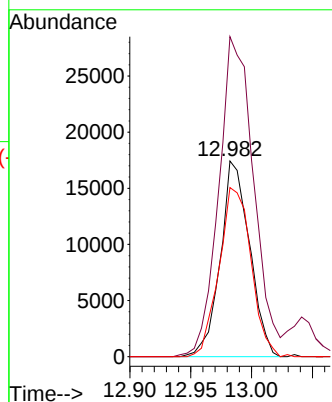
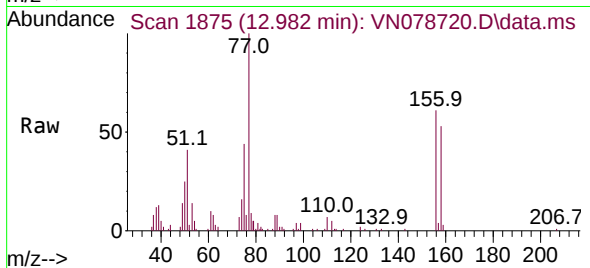
Tgt Ion:	156	Resp:	2917
Ion Ratio	Lower	Upper	
156	100		
77	194.5	0.0	420.8
158	94.0	0.0	193.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#74

n-propylbenzene

Concen: 4.657 ug/l

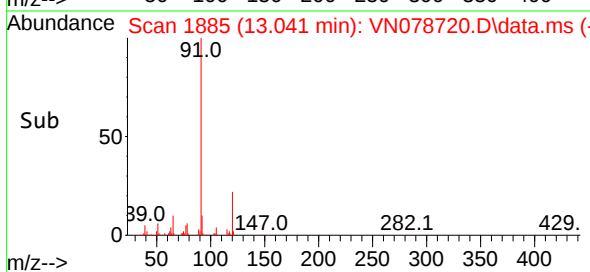
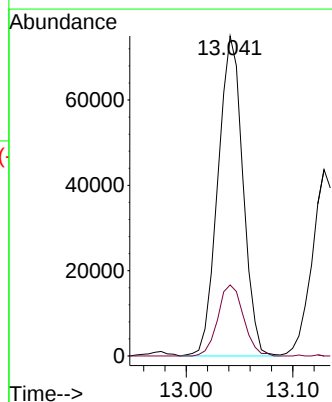
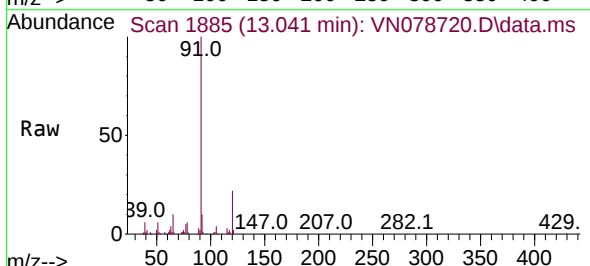
RT: 13.041 min Scan# 1885

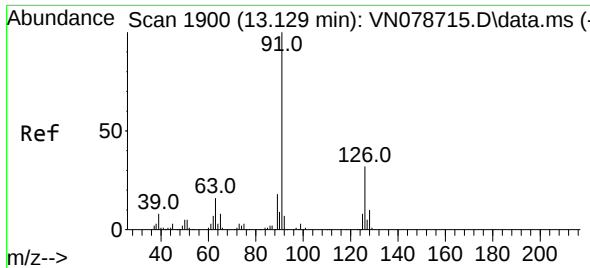
Delta R.T. 0.000 min

Lab File: VN078720.D

Acq: 01 Aug 2023 16:36

Tgt Ion:	91	Resp:	122191
Ion Ratio	Lower	Upper	
91	100		
120	22.7	0.0	44.6





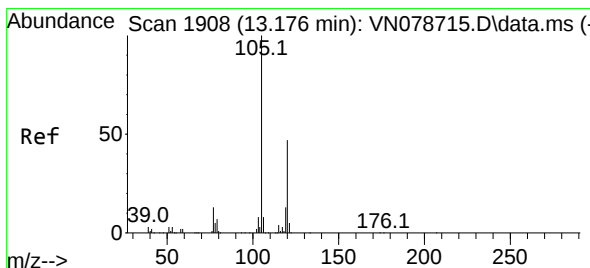
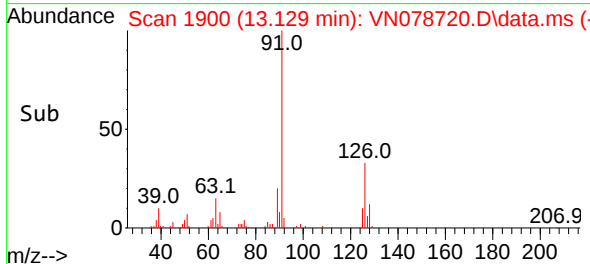
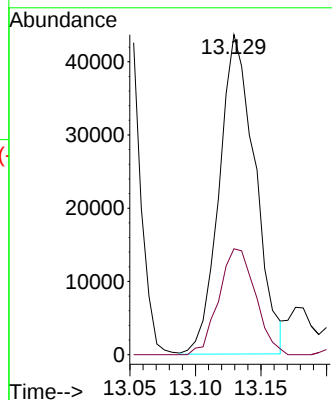
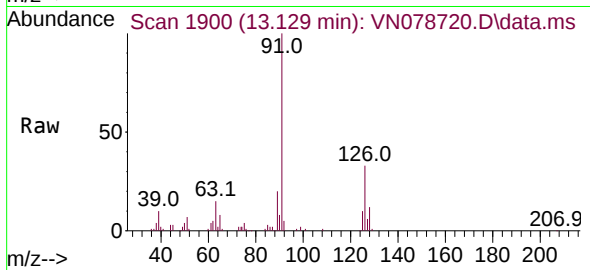
#75
2-Chlorotoluene
Concen: 4.980 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 8306
Ion Ratio Lower Upper
91 100
126 33.8 0.0 67.2

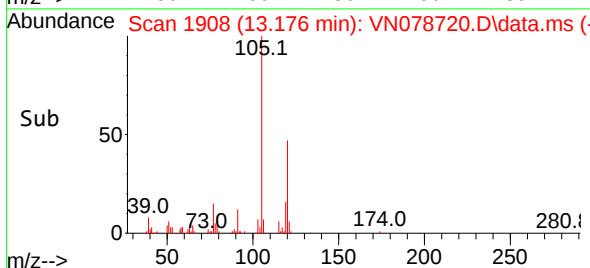
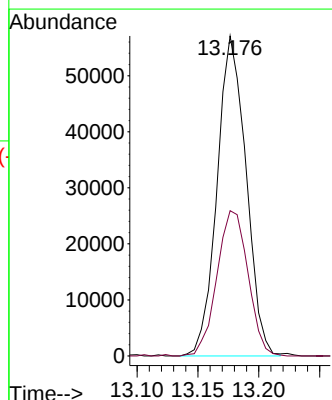
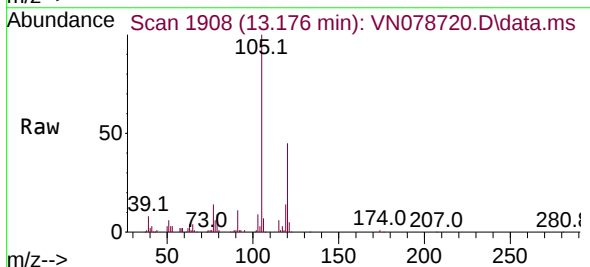
Manual Integrations
APPROVED

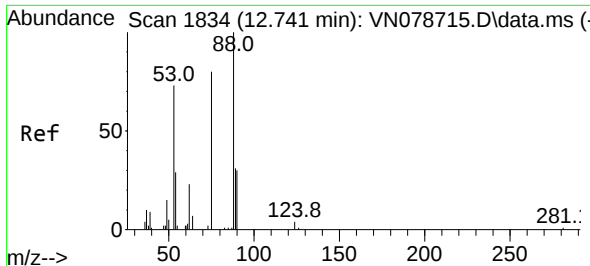
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#76
1,3,5-Trimethylbenzene
Concen: 4.846 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

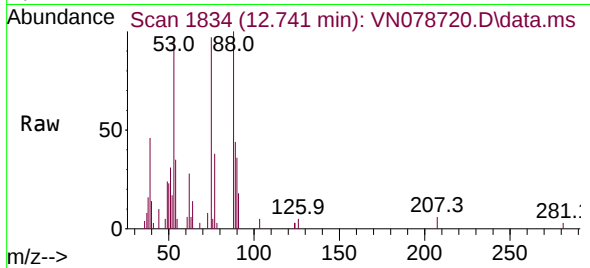
Tgt Ion:105 Resp: 94562
Ion Ratio Lower Upper
105 100
120 48.6 0.0 97.2





#77
t-1,4-Dichloro-2-butene
Concen: 4.454 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

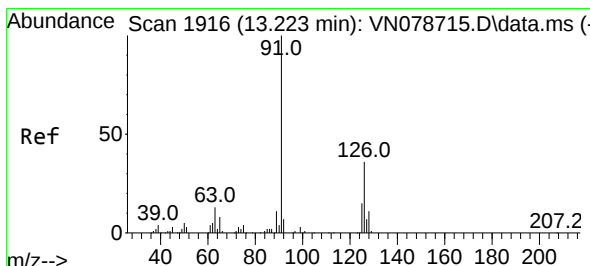
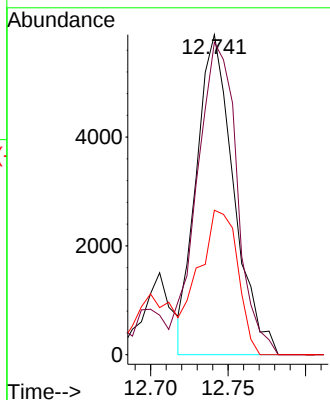
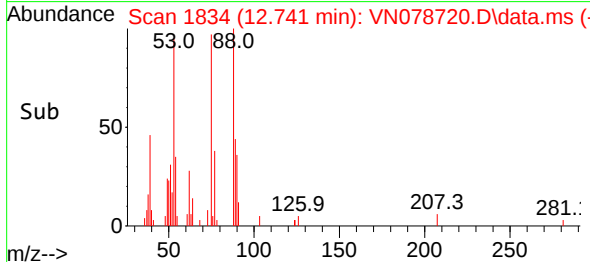
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 75 Resp: 9830
Ion Ratio Lower Upper
75 100
53 97.6 41.6 124.9
89 45.1 25.1 75.4

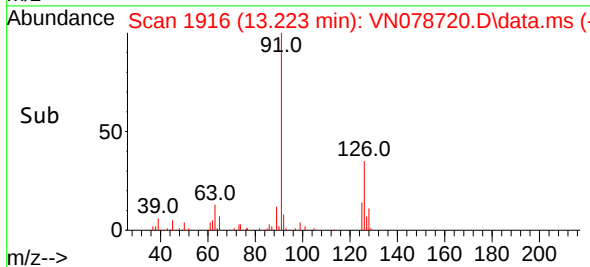
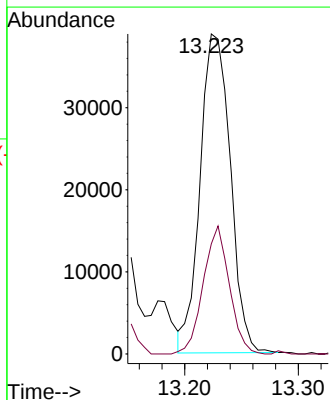
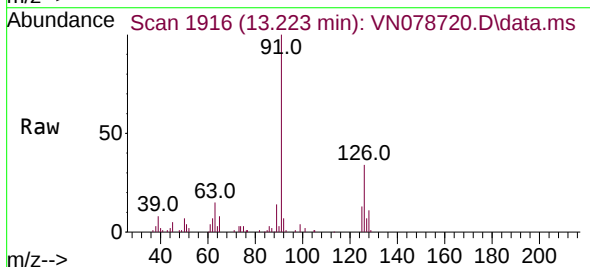
Manual Integrations
APPROVED

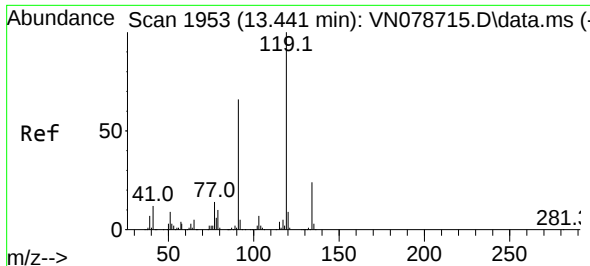
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#78
4-Chlorotoluene
Concen: 4.495 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

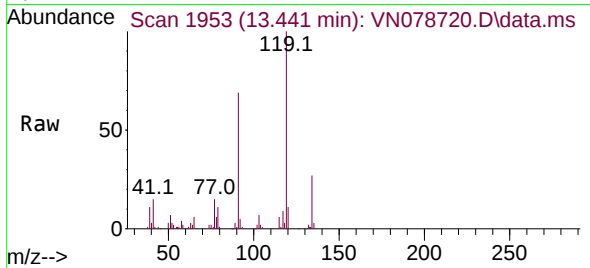
Tgt Ion: 91 Resp: 71891
Ion Ratio Lower Upper
91 100
126 34.6 0.0 68.8





#79
tert-butylbenzene
Concen: 4.556 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

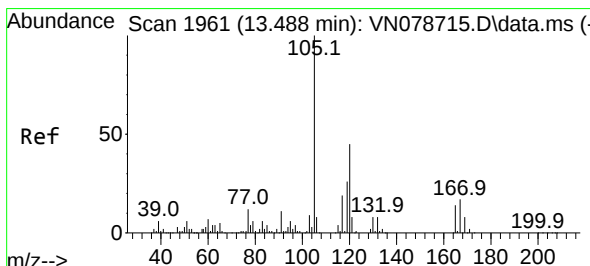
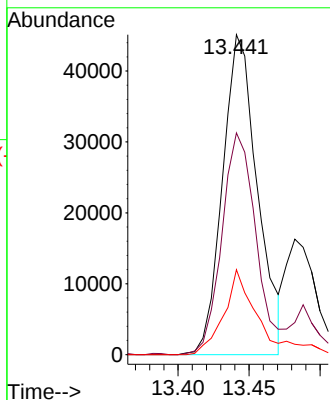
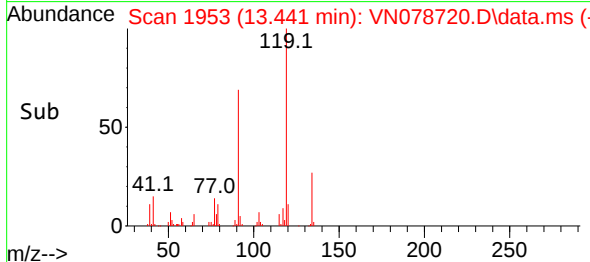
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



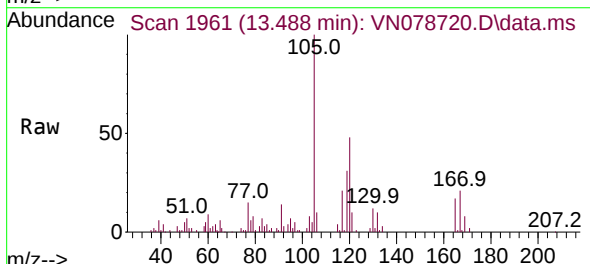
Tgt Ion:119 Resp: 77229
Ion Ratio Lower Upper
119 100
91 67.2 0.0 126.6
134 23.1 0.0 44.0

Manual Integrations
APPROVED

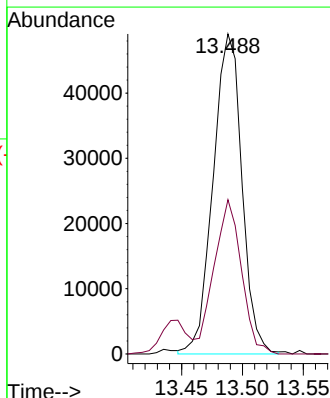
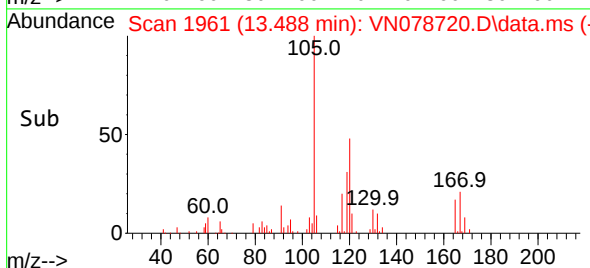
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

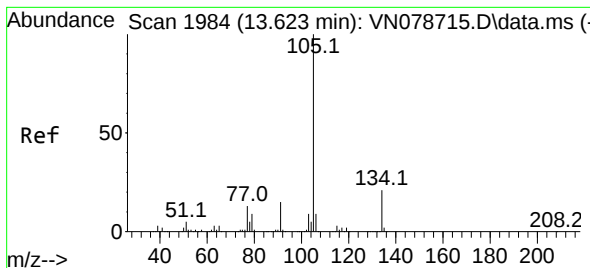


#80
1,2,4-Trimethylbenzene
Concen: 4.360 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36



Tgt Ion:105 Resp: 80775
Ion Ratio Lower Upper
105 100
120 46.1 0.0 88.2





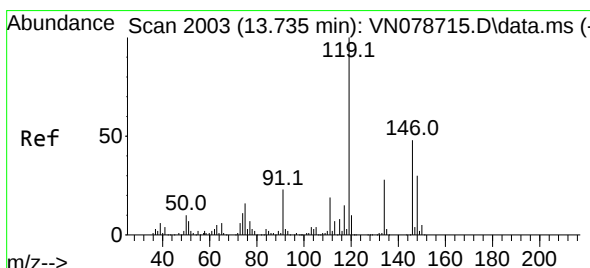
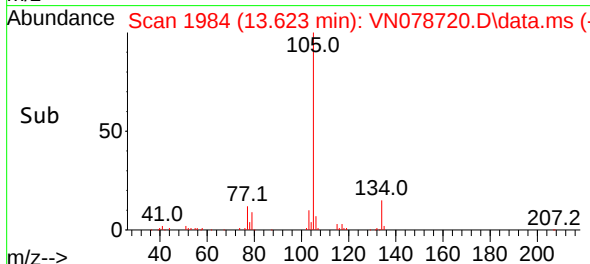
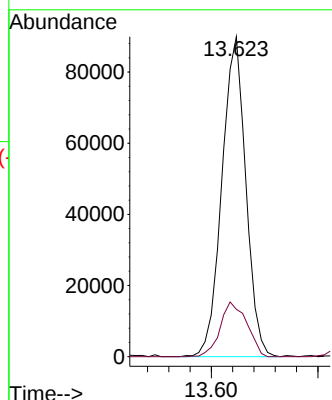
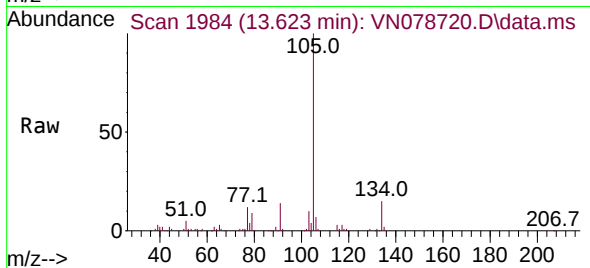
#81
 sec-Butylbenzene
 Concen: 6.493 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078720.D
 Acq: 01 Aug 2023 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 14017
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 38.6

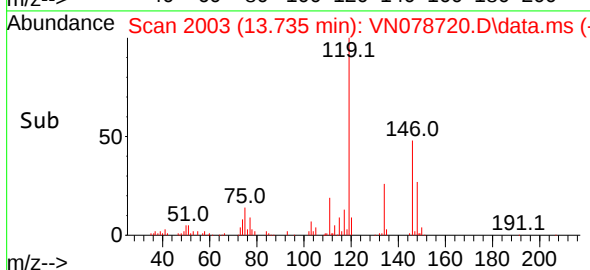
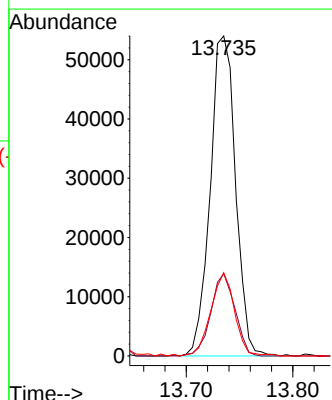
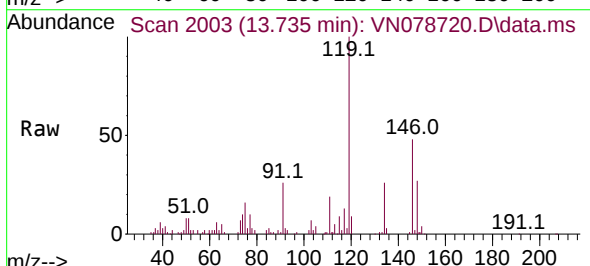
Manual Integrations
 APPROVED

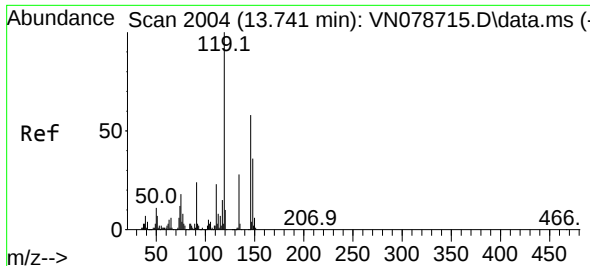
Reviewed By :John Carlone 08/02/2023
 Supervised By :Mahesh Dadoda 08/02/2023



#82
 p-Isopropyltoluene
 Concen: 5.070 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078720.D
 Acq: 01 Aug 2023 16:36

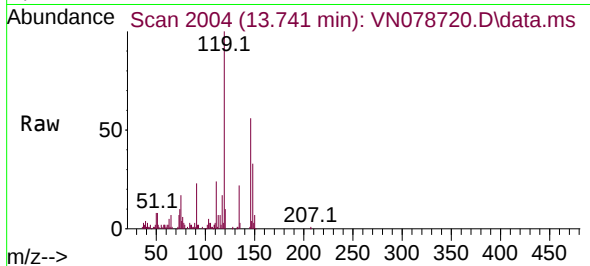
Tgt Ion:119 Resp: 89277
 Ion Ratio Lower Upper
 119 100
 134 24.4 0.0 52.4
 91 24.1 0.0 48.2





#83
1,3-Dichlorobenzene
Concen: 5.028 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

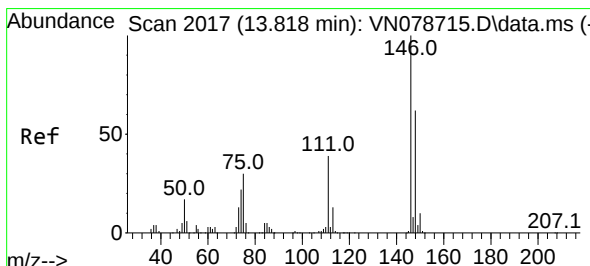
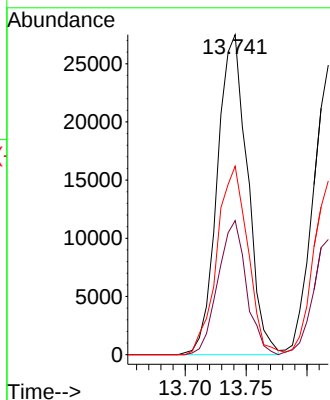
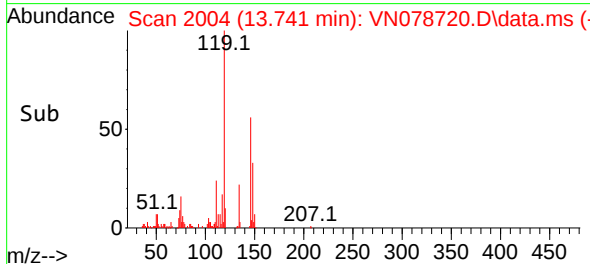
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



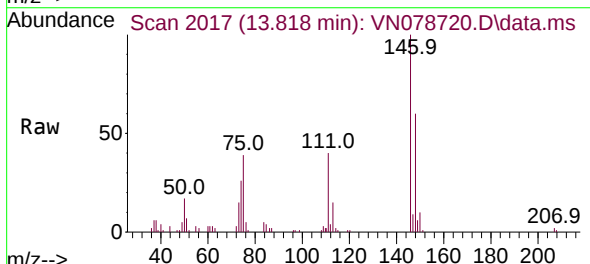
Tgt Ion:146 Resp: 47259
Ion Ratio Lower Upper
146 100
111 39.4 21.6 64.6
148 60.5 31.9 95.5

Manual Integrations
APPROVED

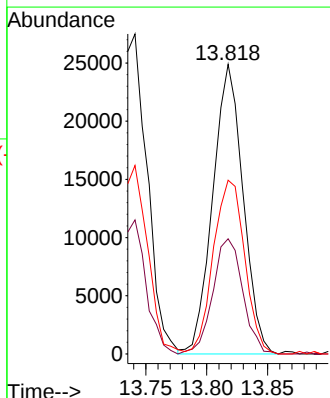
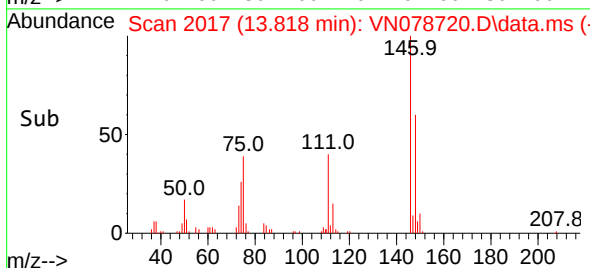
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

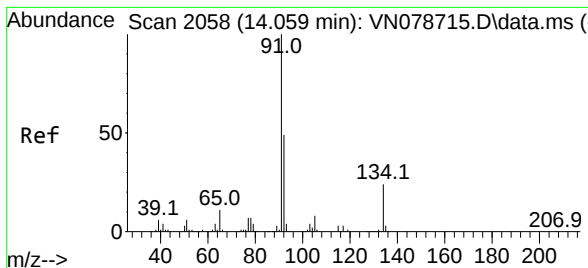


#84
1,4-Dichlorobenzene
Concen: 4.943 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36



Tgt Ion:146 Resp: 43089
Ion Ratio Lower Upper
146 100
111 39.3 19.4 58.2
148 62.1 31.4 94.3





#85

n-Butylbenzene

Concen: 5.347 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN078720.D

Acq: 01 Aug 2023 16:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

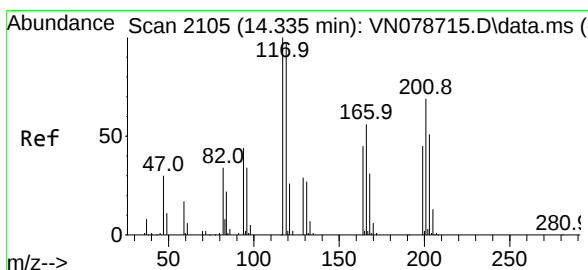
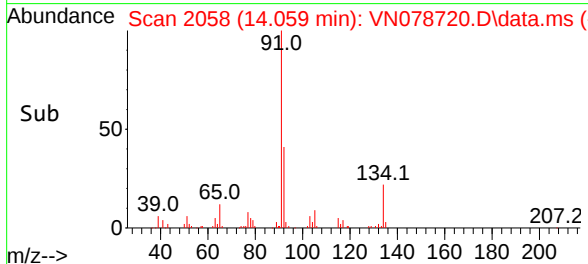
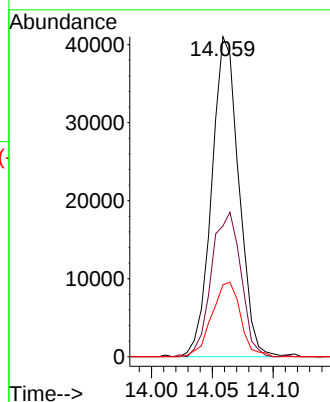
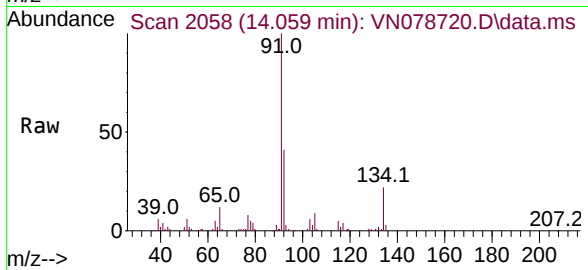
Tgt Ion: 91	Resp: 63670
Ion Ratio	Lower Upper
91	100
92	48.8 0.0 99.6
134	24.6 0.0 50.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#86

Hexachloroethane

Concen: 4.991 ug/l

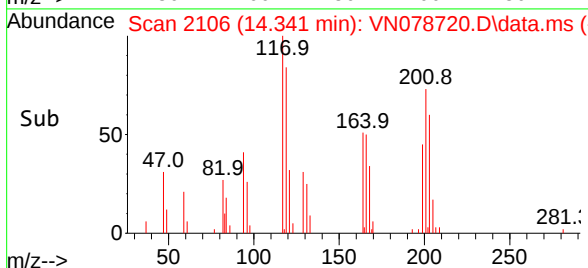
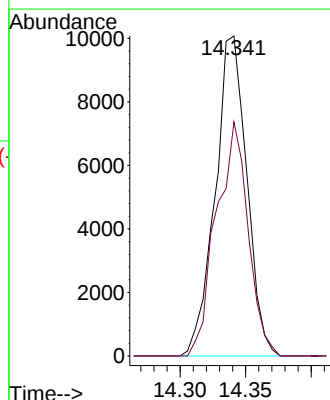
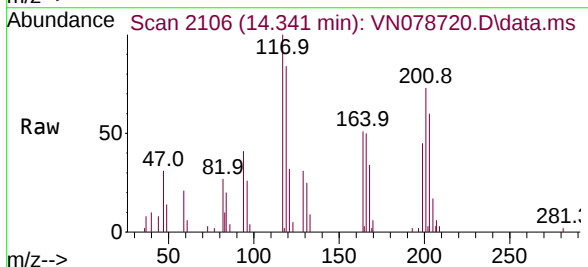
RT: 14.341 min Scan# 2106

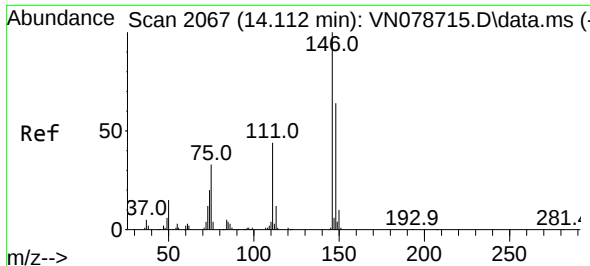
Delta R.T. 0.006 min

Lab File: VN078720.D

Acq: 01 Aug 2023 16:36

Tgt Ion: 117	Resp: 16898
Ion Ratio	Lower Upper
117	100
201	73.7 34.2 102.6





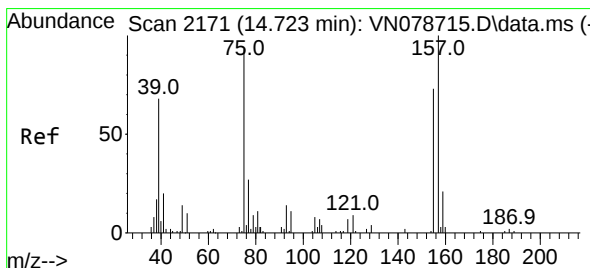
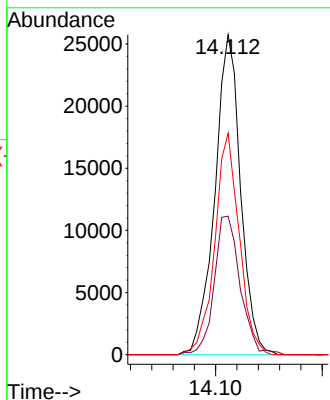
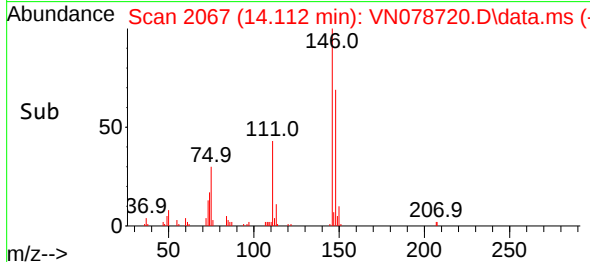
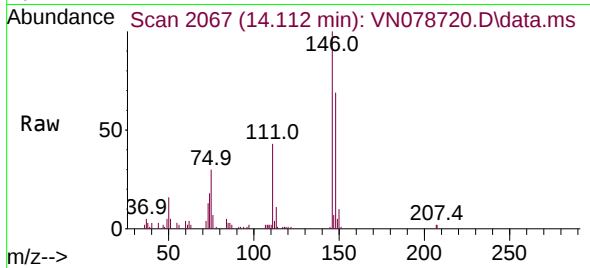
#87
1,2-Dichlorobenzene
Concen: 4.897 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 43219
Ion Ratio Lower Upper
146 100
111 43.0 22.4 67.3
148 65.7 33.4 100.1

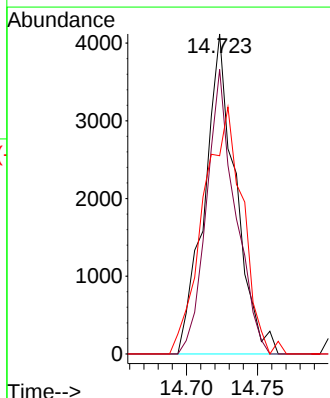
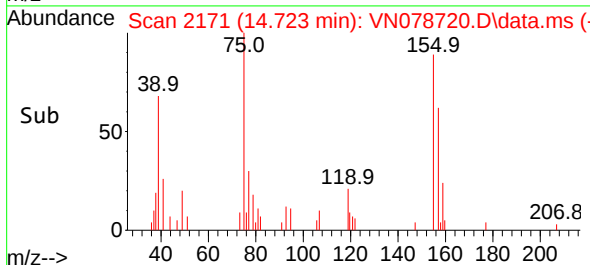
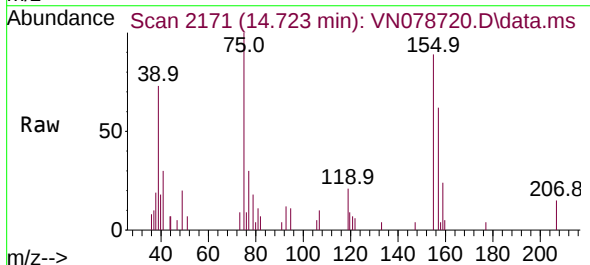
Manual Integrations
APPROVED

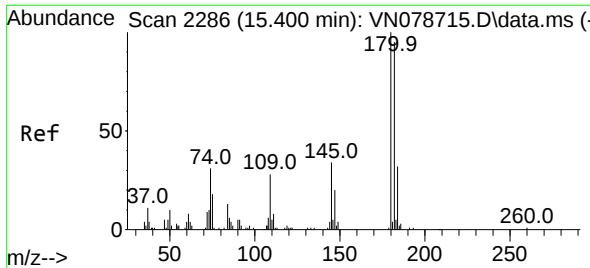
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 5.194 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

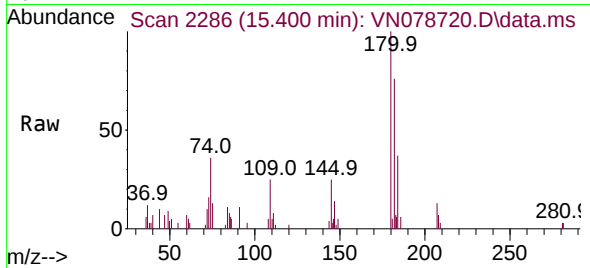
Tgt Ion: 75 Resp: 6242
Ion Ratio Lower Upper
75 100
155 82.6 68.2 102.2
157 97.4 84.7 127.1





#89
1,2,4-Trichlorobenzene
Concen: 5.256 ug/l m
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36

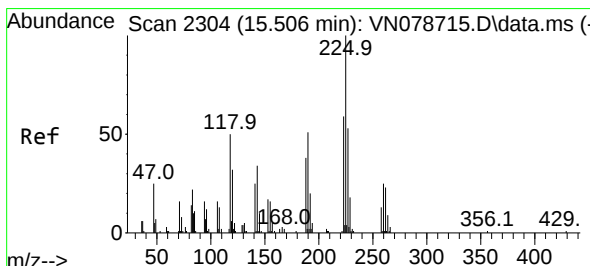
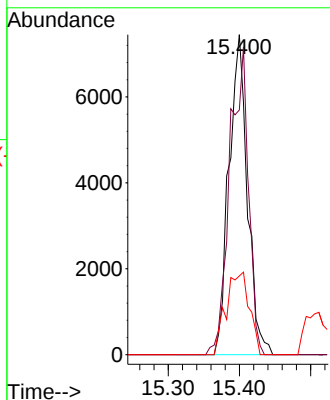
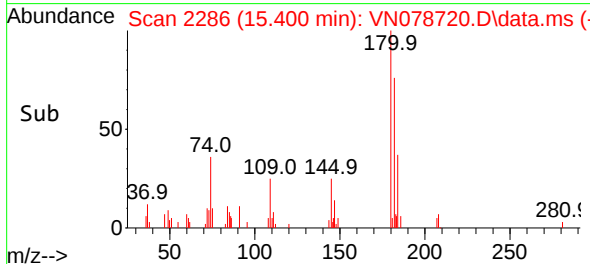
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



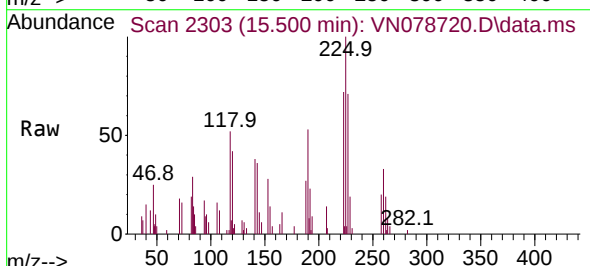
Tgt Ion:180 Resp: 13379
Ion Ratio Lower Upper
180 100
182 132.0 73.7 110.5
145 42.8 25.0 37.6

Manual Integrations
APPROVED

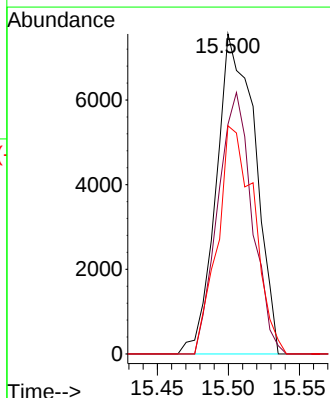
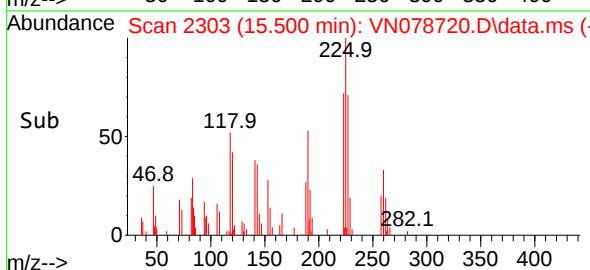
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

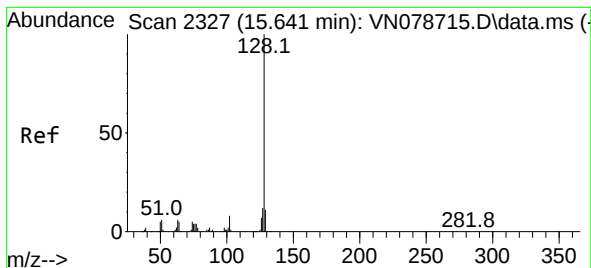


#90
Hexachlorobutadiene
Concen: 6.605 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN078720.D
Acq: 01 Aug 2023 16:36



Tgt Ion:225 Resp: 14398
Ion Ratio Lower Upper
225 100
223 72.2 0.0 130.0
227 67.0 0.0 124.0





#91

Naphthalene

Concen: 5.489 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN078720.D

Acq: 01 Aug 2023 16:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

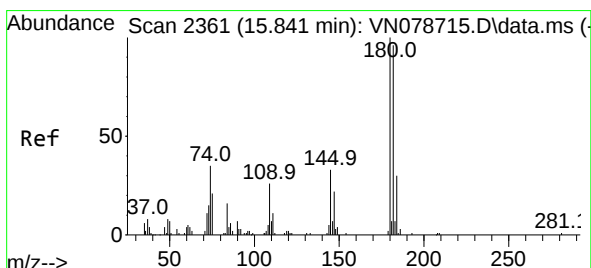
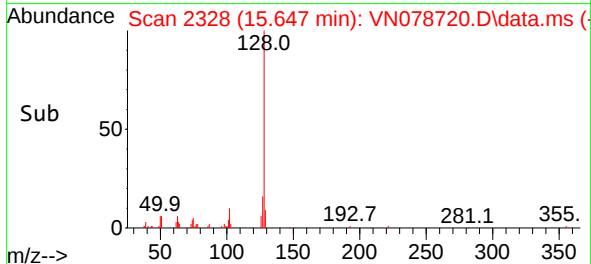
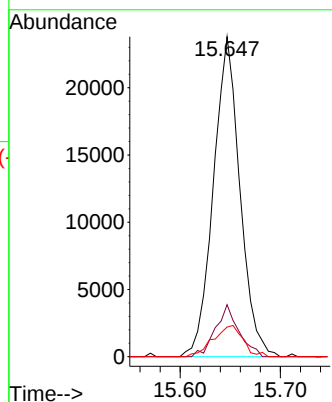
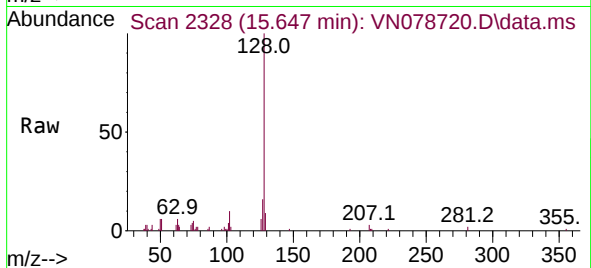
Tgt Ion:	128	Resp:	43778
Ion Ratio	Lower	Upper	
128	100		
127	14.2	10.2	15.2
129	10.7	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#92

1,2,3-Trichlorobenzene

Concen: 5.606 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN078720.D

Acq: 01 Aug 2023 16:36

Tgt Ion:	180	Resp:	17150
Ion Ratio	Lower	Upper	
180	100		
182	103.8	0.0	196.4
145	33.4	0.0	71.0

