

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041924\
 Data File : VN081802.D
 Acq On : 19 Apr 2024 11:37
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/22/2024
 Supervised By : Mahesh Dadoda 04/22/2024

Quant Time: Apr 19 23:33:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	17507	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.100	114	129912	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	166956	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	74063	34.436	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 114.800%#			
60) 4-Bromofluorobenzene	12.847	95	105770	32.223	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 107.400%			
63) Toluene-d8	10.565	98	201155	30.037	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.133%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	38560	15.763	ug/l	99
3) Chloromethane	2.360	50	50233	23.668	ug/l	89
4) Vinyl Chloride	2.518	62	54883	25.148	ug/l	96
5) Bromomethane	2.959	94	46560	25.191	ug/l	98
6) Chloroethane	3.124	64	46151	27.018	ug/l	96
7) Trichlorofluoromethane	3.501	101	94126	26.270	ug/l	88
8) Diethyl Ether	3.959	74	40662	30.427	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	43769	17.806	ug/l	96
10) 1,1-Dichloroethene	4.342	96	39494	17.518	ug/l	92
11) Methyl Iodide	4.589	142	39284	15.387	ug/l	96
12) Methyl Acetate	5.024	43	41622	20.106	ug/l	88
13) Acrolein	4.183	56	26908m	98.695	ug/l	
14) Acrylonitrile	5.718	53	97255	94.382	ug/l	96
15) Acetone	4.436	58	23255	102.610	ug/l	76
16) Carbon Disulfide	4.712	76	103076	16.079	ug/l	97
17) Allyl chloride	5.024	41	53669	19.679	ug/l	93
18) Methylene Chloride	5.265	84	46947m	18.085	ug/l	
19) trans-1,2-Dichloroethene	5.789	96	43893	17.754	ug/l	93
20) Diisopropyl ether	6.671	45	135127	20.812	ug/l #	92
21) 1,1-Dichloroethane	6.565	63	86442	19.968	ug/l	99
22) cis-1,2-Dichloroethene	7.489	96	57308	19.196	ug/l	99
23) tert-Butyl Alcohol	5.512	59	38707	105.816	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	139438m	19.776	ug/l	
25) Chloroform	7.965	83	100617	20.428	ug/l	97
26) Cyclohexane	8.253	56	63874	18.406	ug/l #	79
29) 1,1-Dichloropropene	8.371	75	64033	18.748	ug/l	99
30) 2-Butanone	7.483	43	133795	102.574	ug/l	100
31) 2,2-Dichloropropane	7.494	77	77131	18.131	ug/l #	70
32) 1,1,1-Trichloroethane	8.165	97	87134	18.511	ug/l	98
33) Carbon Tetrachloride	8.365	117	76052	17.824	ug/l	97
34) Benzene	8.606	78	207249	18.837	ug/l	97
35) Methacrylonitrile	7.777	41	31868	21.570	ug/l	93
36) 1,2-Dichloroethane	8.665	62	77179	21.387	ug/l	97
37) Trichloroethene	9.353	130	51454	17.673	ug/l	99
38) Methylcyclohexane	9.600	83	65414	15.670	ug/l	99
39) 1,2-Dichloropropane	9.624	63	50475	19.665	ug/l	98
40) Dibromomethane	9.712	93	41299	20.199	ug/l	95
41) Bromodichloromethane	9.888	83	82672	19.828	ug/l	94
42) Vinyl Acetate	6.606	43	542576	99.853	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041924\
 Data File : VN081802.D
 Acq On : 19 Apr 2024 11:37
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

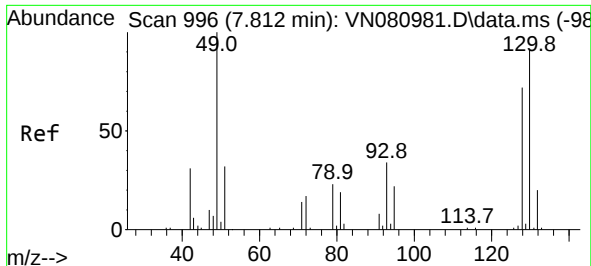
Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/22/2024
 Supervised By : Mahesh Dadoda 04/22/2024

Quant Time: Apr 19 23:33:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	61392m	21.356	ug/l	
44) Isopropyl Acetate	8.688	43	104443	21.683	ug/l	93
45) 1,4-Dioxane	9.694	88	22941	431.452	ug/l	90
46) Methyl methacrylate	9.677	41	44757	20.663	ug/l	86
47) n-amyl Acetate	12.494	43	90369	20.908	ug/l	97
48) t-1,3-Dichloropropene	10.841	75	79632	20.047	ug/l	100
49) cis-1,3-Dichloropropene	10.312	75	82150	19.204	ug/l #	86
50) 1,1,2-Trichloroethane	11.018	97	53438	19.519	ug/l	97
51) Ethyl methacrylate	10.877	69	75216	19.731	ug/l	90
52) 1,3-Dichloropropane	11.165	76	91614	20.416	ug/l	97
53) Dibromochloromethane	11.359	129	62629	19.150	ug/l	100
54) 1,2-Dibromoethane	11.471	107	51933	18.352	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	201471	107.625	ug/l	99
56) Bromoform	12.582	173	40488	19.361	ug/l #	98
58) 4-Methyl-2-Pentanone	10.447	43	324060	112.868	ug/l	91
59) 2-Hexanone	11.194	43	239971	111.291	ug/l	92
61) Tetrachloroethene	11.106	164	54814	17.718	ug/l	95
62) Toluene	10.630	91	227630	18.741	ug/l	99
64) Chlorobenzene	11.894	112	145150	18.846	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.965	131	53130	18.990	ug/l	98
66) Ethyl Benzene	11.965	91	242725	18.795	ug/l	98
67) m/p-Xylenes	12.071	106	192290	37.590	ug/l	97
68) o-Xylene	12.400	106	95992	19.767	ug/l	91
69) Styrene	12.412	104	154639	18.698	ug/l	98
70) Isopropylbenzene	12.700	105	240667	19.210	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	70476	21.535	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	66156m	21.835	ug/l	
73) Bromobenzene	12.982	156	61565	19.832	ug/l	93
74) n-propylbenzene	13.035	91	279055	18.608	ug/l	98
75) 2-Chlorotoluene	13.129	91	177692	19.889	ug/l	97
76) 1,3,5-Trimethylbenzene	13.176	105	204784	19.258	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	25467	20.296	ug/l	94
78) 4-Chlorotoluene	13.224	91	178523	20.146	ug/l	96
79) tert-butylbenzene	13.441	119	165939	18.343	ug/l	100
80) 1,2,4-Trimethylbenzene	13.482	105	208639	19.674	ug/l	99
81) sec-Butylbenzene	13.618	105	234711	17.990	ug/l	99
82) p-Isopropyltoluene	13.729	119	199336	18.218	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	116407	20.064	ug/l	96
84) 1,4-Dichlorobenzene	13.812	146	111552	19.863	ug/l	98
85) n-Butylbenzene	14.059	91	162592	17.641	ug/l	99
86) Hexachloroethane	14.335	117	39216	18.760	ug/l	86
87) 1,2-Dichlorobenzene	14.106	146	112770	20.421	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.718	75	17092	23.957	ug/l	90
89) 1,2,4-Trichlorobenzene	15.841	180	58424	19.302	ug/l	97
90) Hexachlorobutadiene	15.500	225	22259	18.351	ug/l	97
91) Naphthalene	15.641	128	194463	19.983	ug/l	98
92) 1,2,3-Trichlorobenzene	15.841	180	58424	19.302	ug/l	97

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



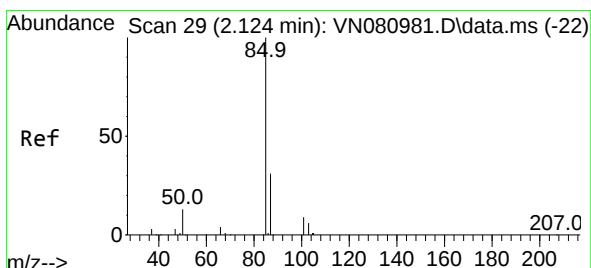
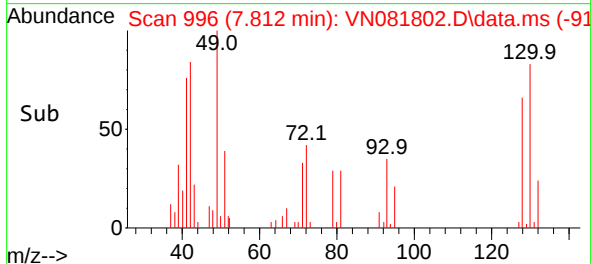
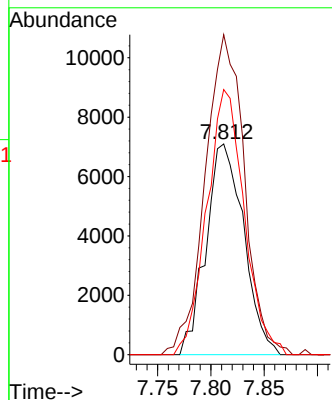
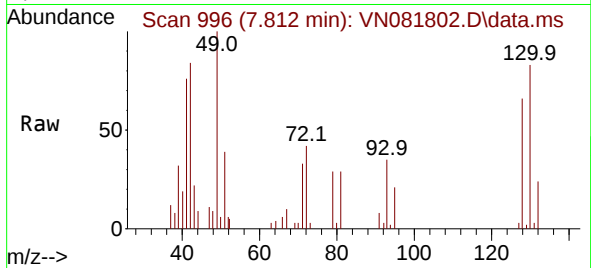
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.012 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 1750
Ion Ratio Lower Upper
128 100
49 157.3 0.0 403.7
130 124.7 0.0 323.3

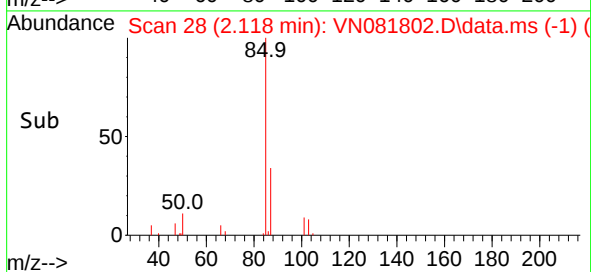
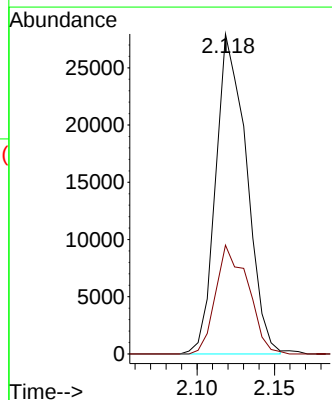
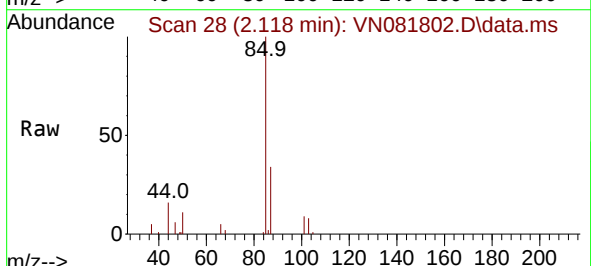
Manual Integrations
APPROVED

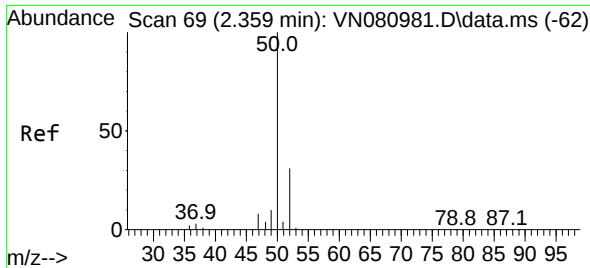
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#2
Dichlorodifluoromethane
Concen: 15.763 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.006 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

Tgt Ion: 85 Resp: 38560
Ion Ratio Lower Upper
85 100
87 34.0 16.8 50.3





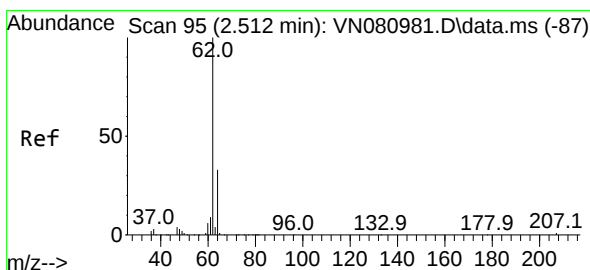
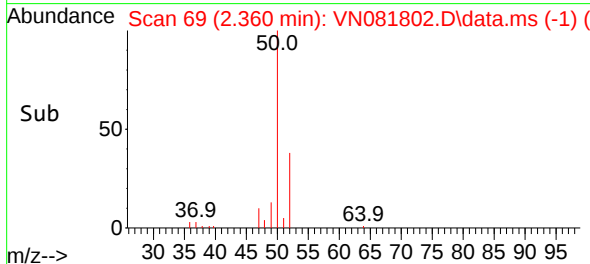
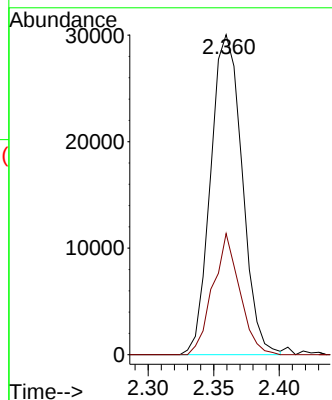
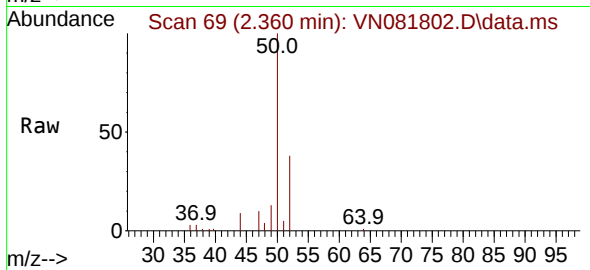
#3
Chloromethane
Concen: 23.668 ug/l
RT: 2.360 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 50 Resp: 5023
Ion Ratio Lower Upper
50 100
52 37.8 25.4 38.0

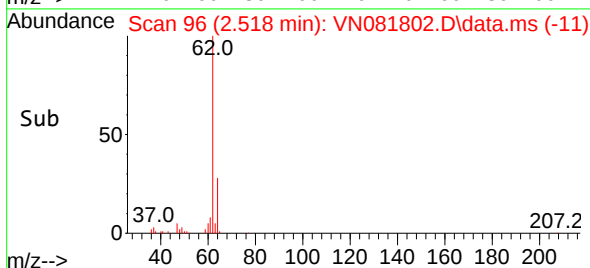
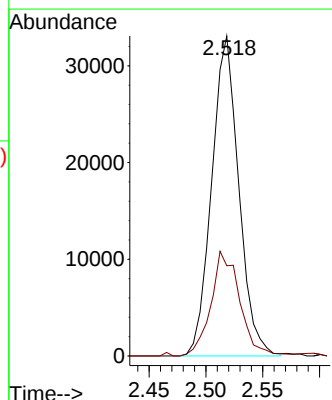
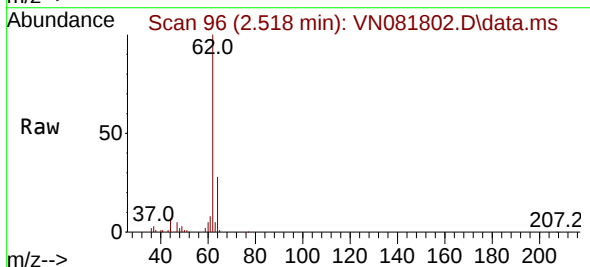
Manual Integrations
APPROVED

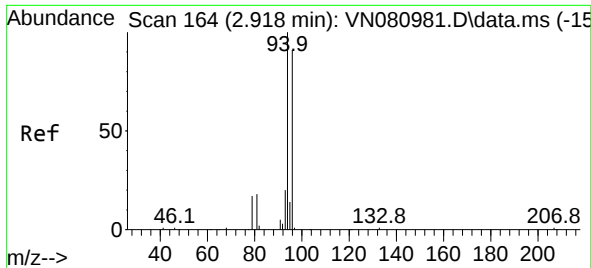
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#4
Vinyl Chloride
Concen: 25.148 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

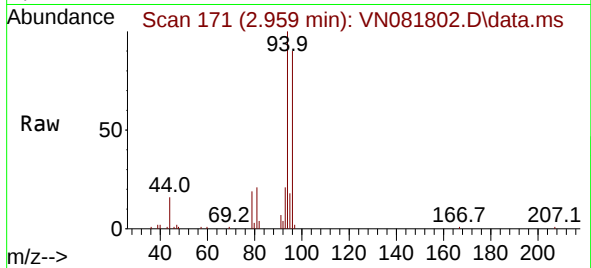
Tgt Ion: 62 Resp: 54883
Ion Ratio Lower Upper
62 100
64 28.2 24.1 36.1





#5
Bromomethane
Concen: 25.191 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

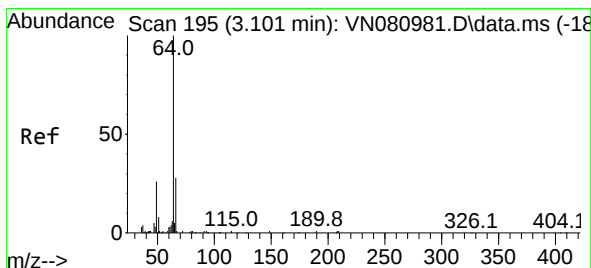
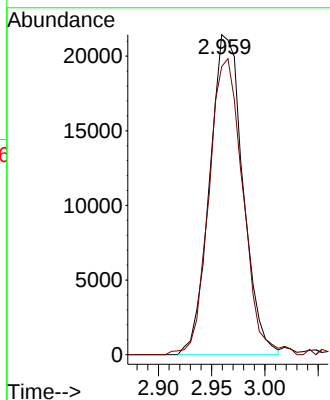
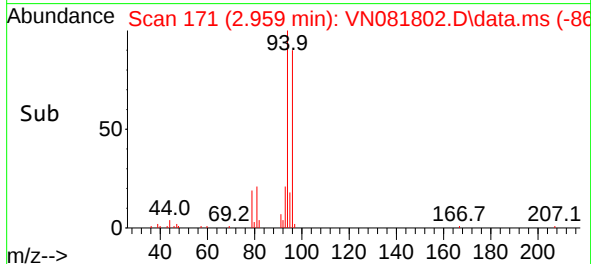
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 94 Resp: 46560
Ion Ratio Lower Upper
94 100
96 88.9 72.8 109.2

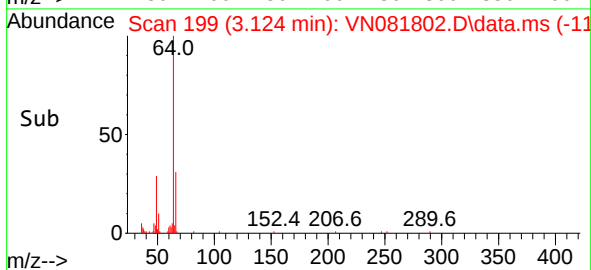
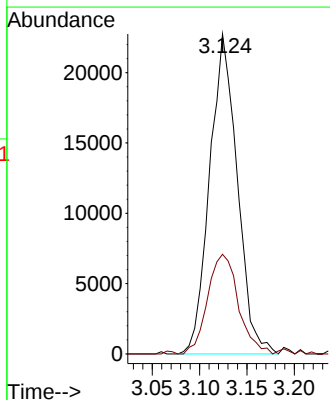
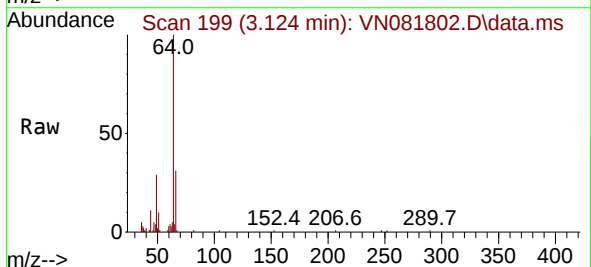
Manual Integrations
APPROVED

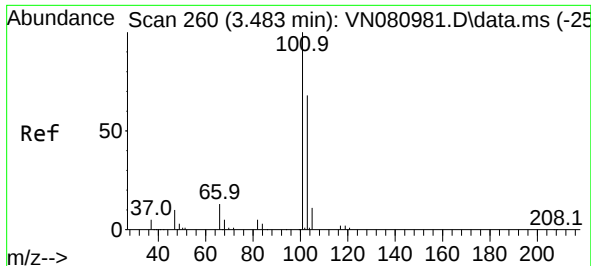
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#6
Chloroethane
Concen: 27.018 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

Tgt Ion: 64 Resp: 46151
Ion Ratio Lower Upper
64 100
66 31.1 26.7 40.1





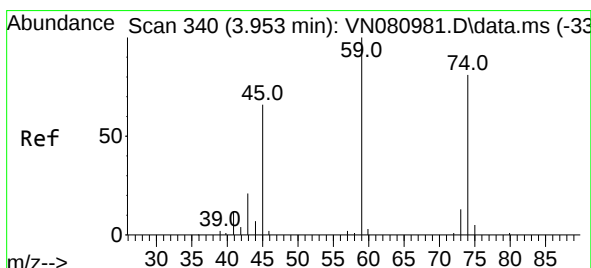
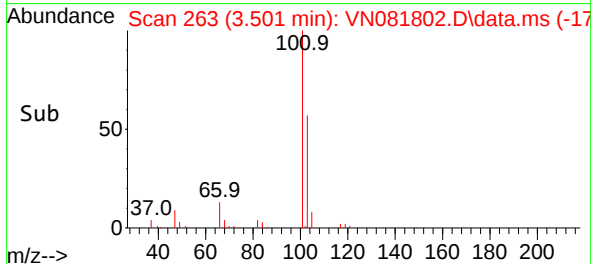
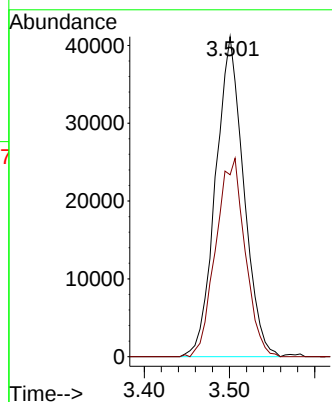
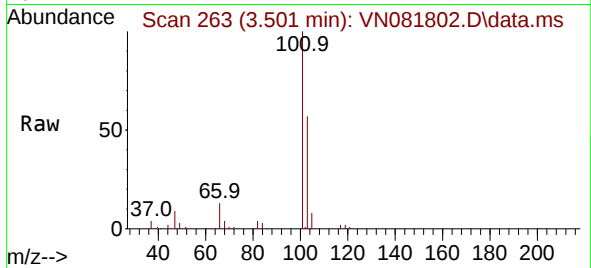
#7
Trichlorofluoromethane
Concen: 26.270 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 94120
Ion Ratio Lower Upper
101 100
103 56.8 53.0 79.4

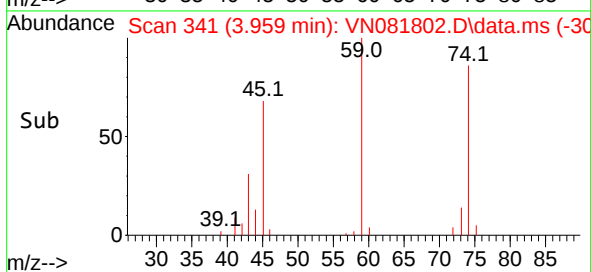
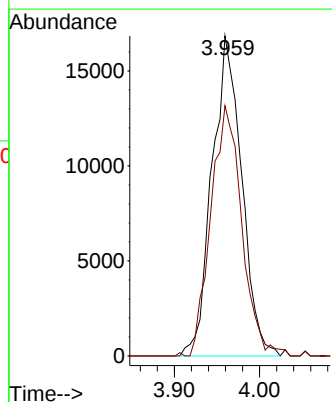
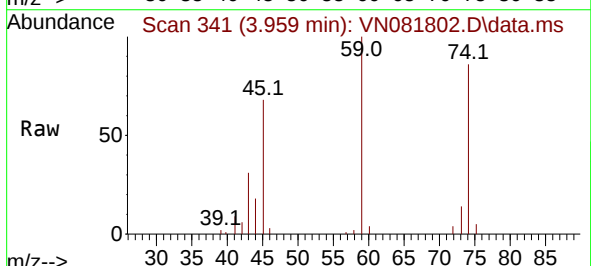
Manual Integrations
APPROVED

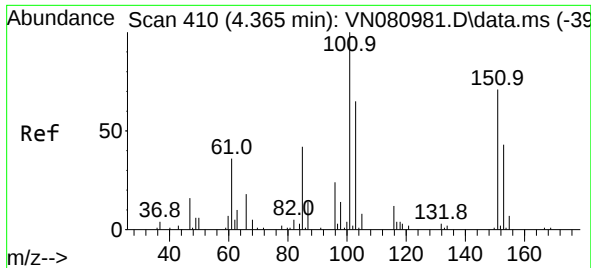
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#8
Diethyl Ether
Concen: 30.427 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

Tgt Ion: 74 Resp: 40662
Ion Ratio Lower Upper
74 100
45 80.0 16.4 147.4





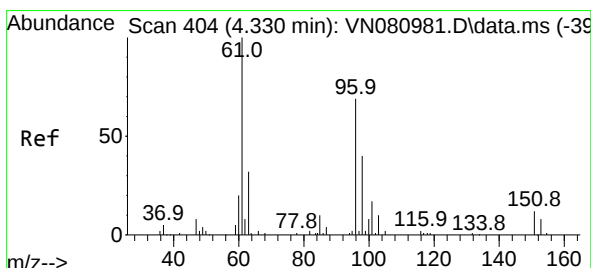
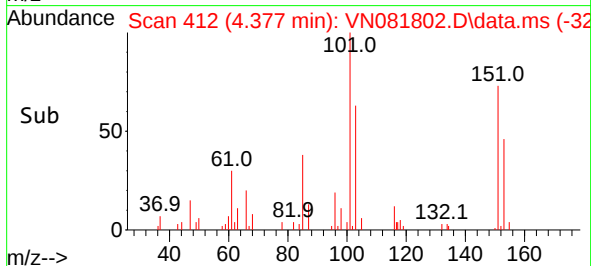
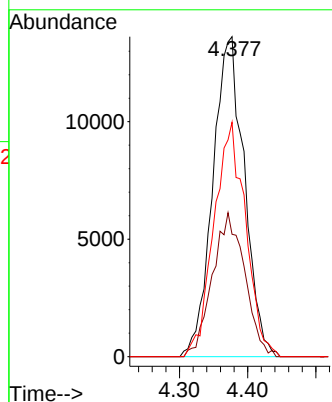
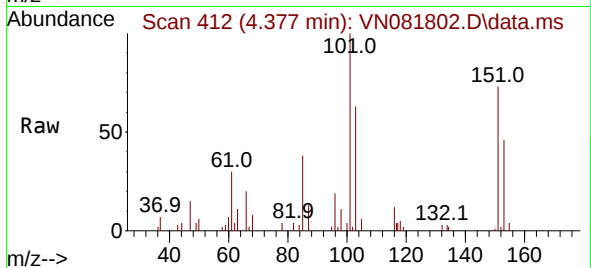
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.806 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 43769
Ion Ratio Lower Upper
101 100
85 45.5 0.0 90.6
151 73.8 0.0 157.6

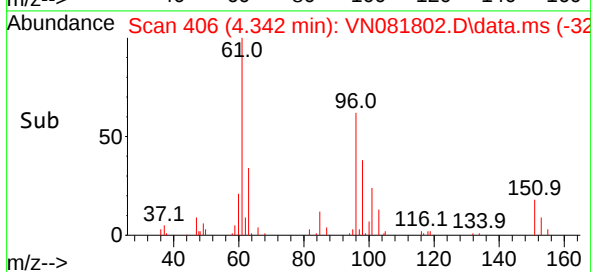
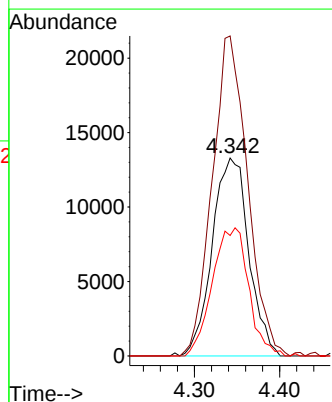
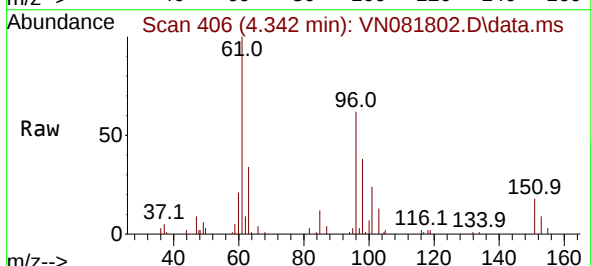
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#10
1,1-Dichloroethene
Concen: 17.518 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

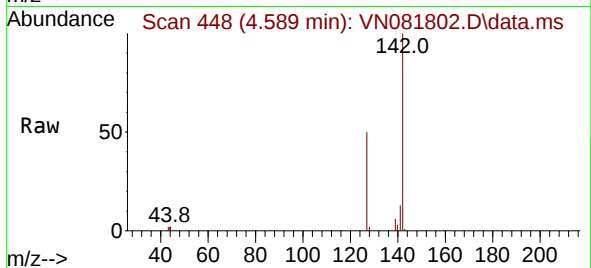
Tgt Ion: 96 Resp: 39494
Ion Ratio Lower Upper
96 100
61 161.7 117.6 176.4
98 60.9 48.4 72.6





#11
Methyl Iodide
Concen: 15.387 ug/l
RT: 4.589 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

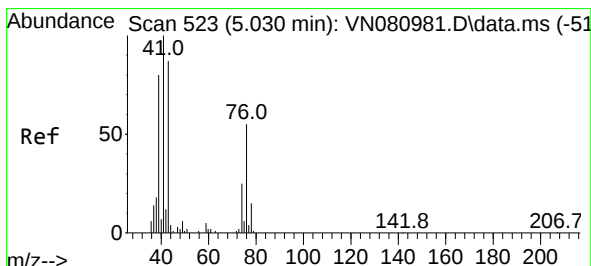
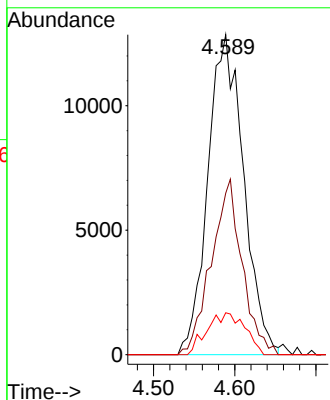
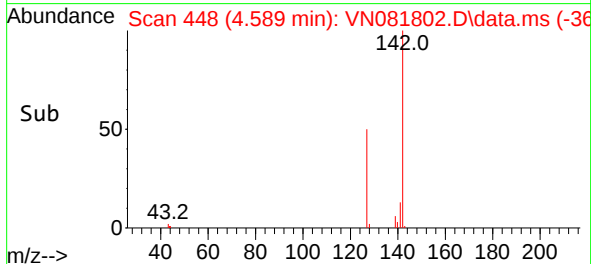
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:142 Resp: 39284
Ion Ratio Lower Upper
142 100
127 51.0 26.3 78.9
141 13.2 8.3 24.9

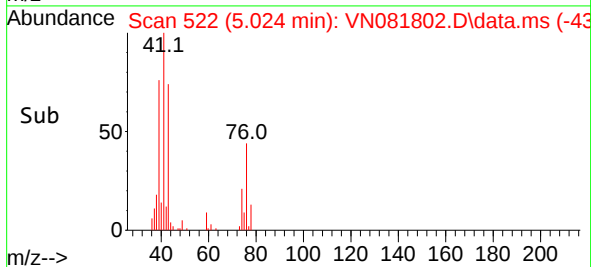
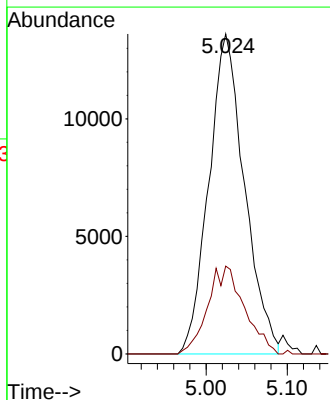
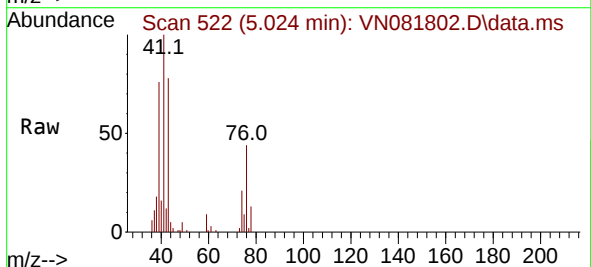
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#12
Methyl Acetate
Concen: 20.106 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

Tgt Ion: 43 Resp: 41622
Ion Ratio Lower Upper
43 100
74 27.9 27.7 41.5





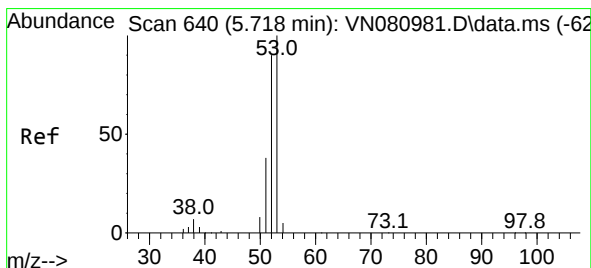
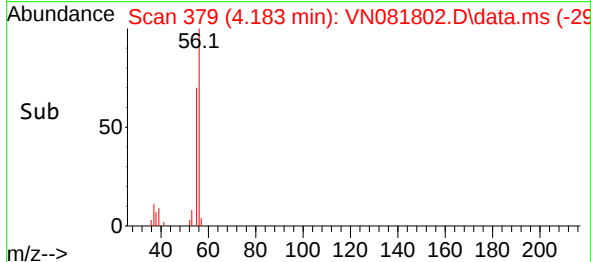
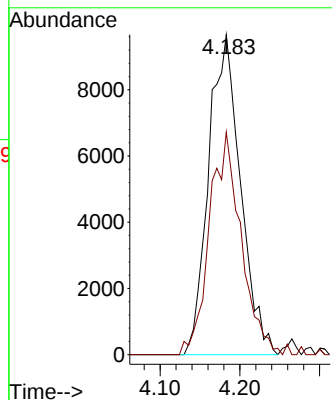
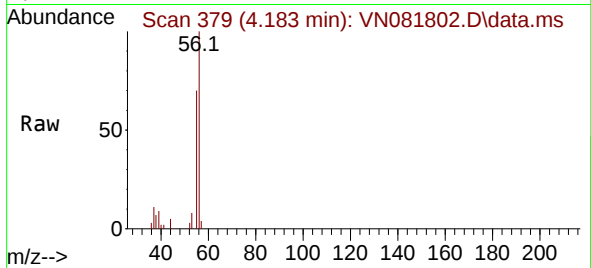
#13
Acrolein
Concen: 98.695 ug/l m
RT: 4.183 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 56 Resp: 26908
Ion Ratio Lower Upper
56 100
55 37.6 55.5 83.3

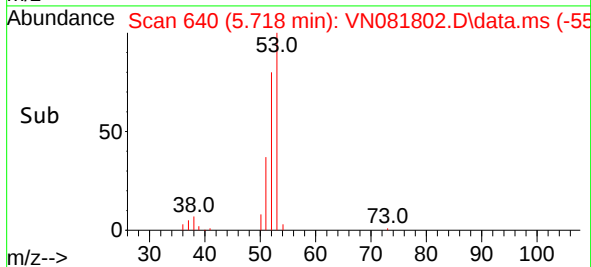
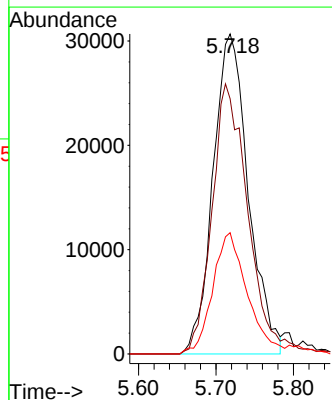
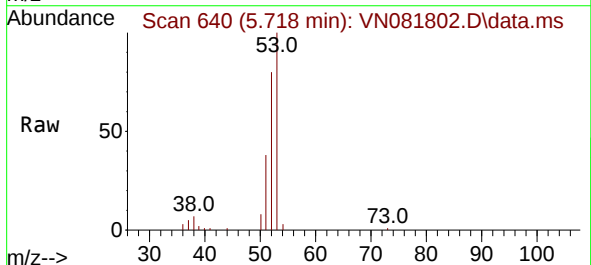
Manual Integrations
APPROVED

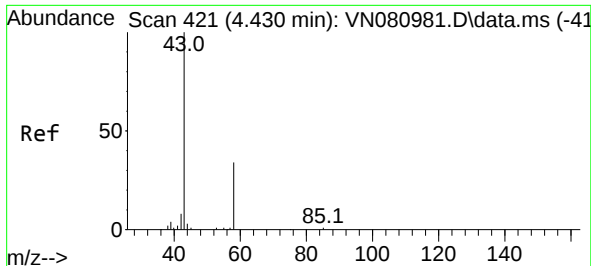
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#14
Acrylonitrile
Concen: 94.382 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

Tgt Ion: 53 Resp: 97255
Ion Ratio Lower Upper
53 100
52 85.5 41.3 123.9
51 37.0 16.8 50.3





#15

Acetone

Concen: 102.610 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN081802.D

Acq: 19 Apr 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 58 Resp: 2325

Ion Ratio Lower Upper

58 100

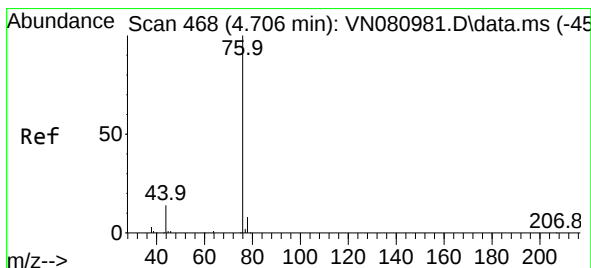
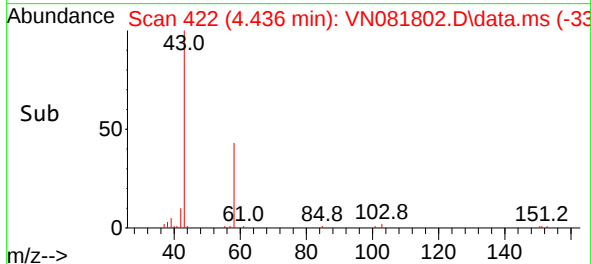
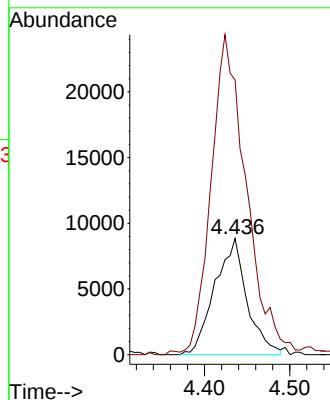
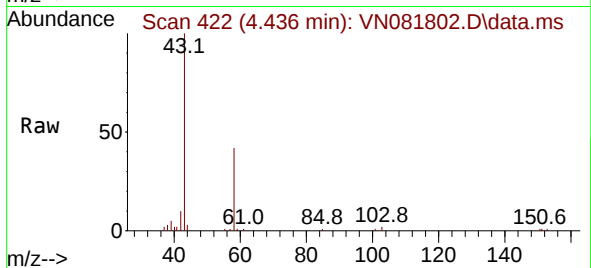
43 234.2 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2024

Supervised By :Mahesh Dadoda 04/22/2024



#16

Carbon Disulfide

Concen: 16.079 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN081802.D

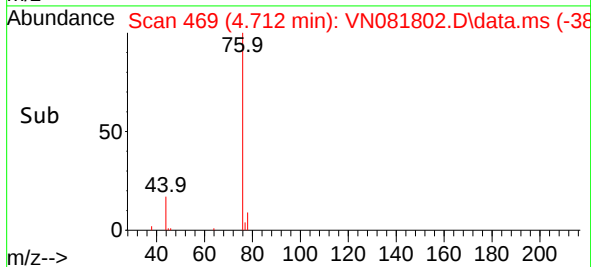
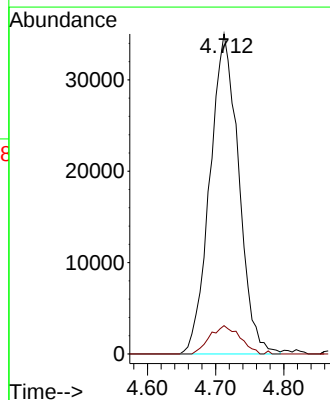
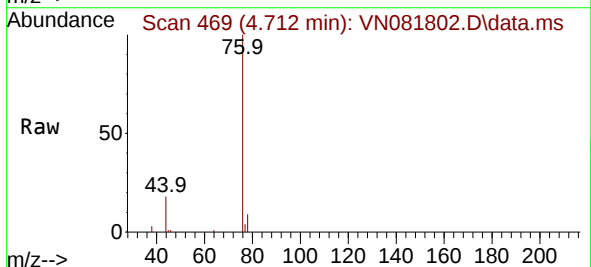
Acq: 19 Apr 2024 11:37

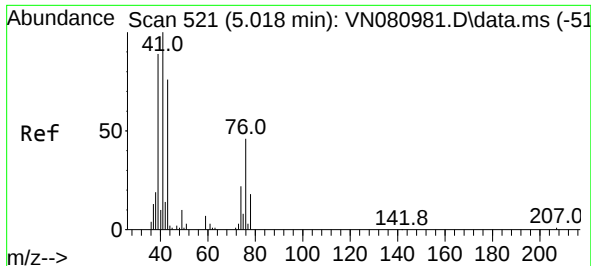
Tgt Ion: 76 Resp: 103076

Ion Ratio Lower Upper

76 100

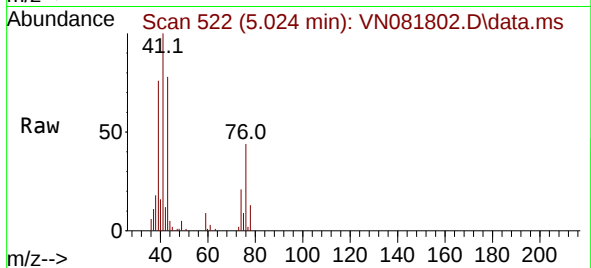
78 8.9 6.3 9.5





#17
 Allyl chloride
 Concen: 19.679 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN081802.D
 Acq: 19 Apr 2024 11:37

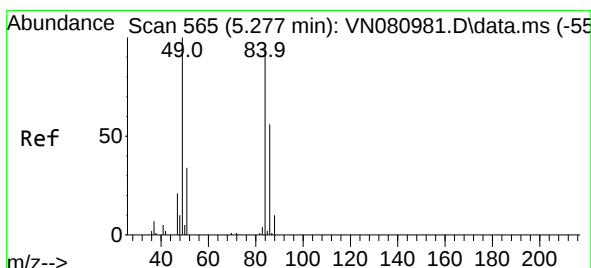
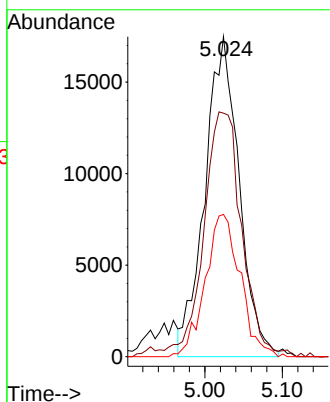
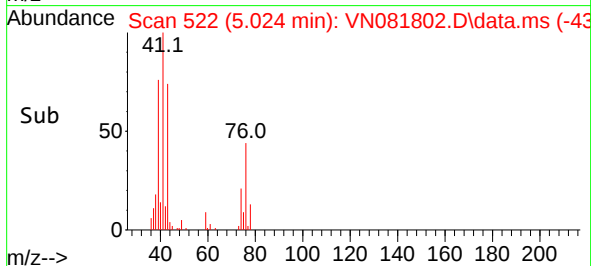
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



Tgt Ion: 41 Resp: 5366
 Ion Ratio Lower Upper
 41 100
 39 73.5 37.6 112.9
 76 45.2 27.8 83.4

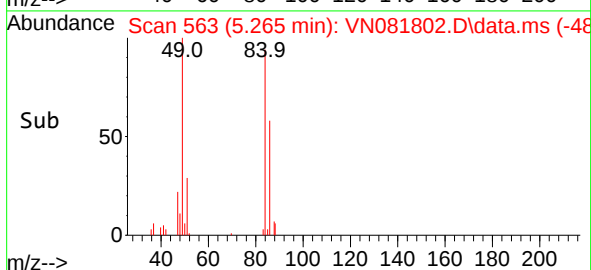
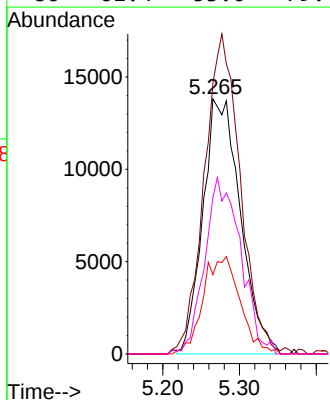
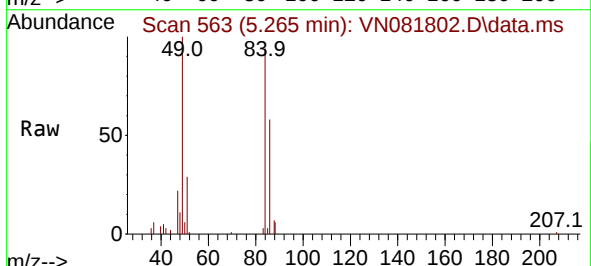
Manual Integrations
 APPROVED

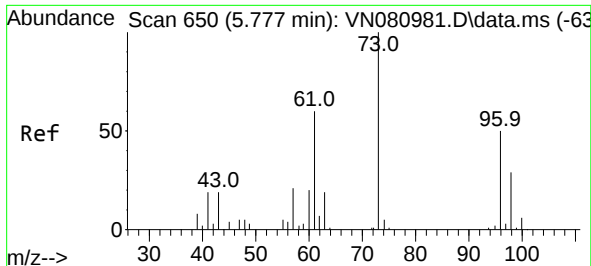
Reviewed By :John Carlone 04/22/2024
 Supervised By :Mahesh Dadoda 04/22/2024



#18
 Methylene Chloride
 Concen: 18.085 ug/l m
 RT: 5.265 min Scan# 563
 Delta R.T. -0.018 min
 Lab File: VN081802.D
 Acq: 19 Apr 2024 11:37

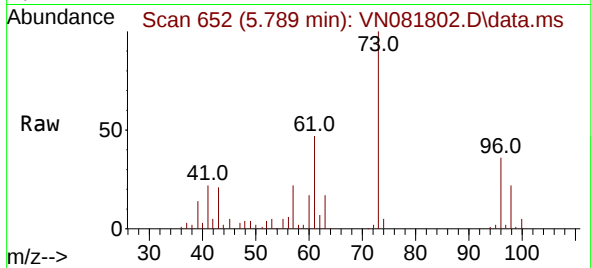
Tgt Ion: 84 Resp: 46947
 Ion Ratio Lower Upper
 84 100
 49 106.1 86.0 129.0
 51 31.1 30.0 45.0
 86 61.4 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 17.754 ug/l
RT: 5.789 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

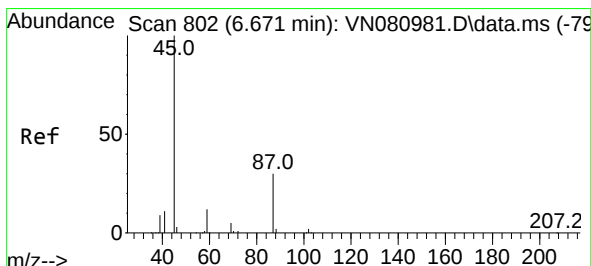
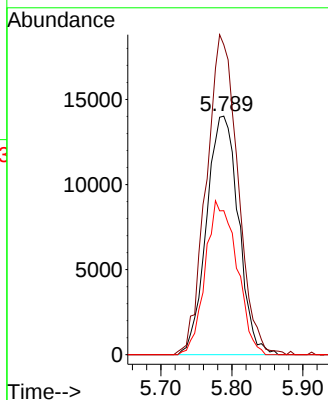
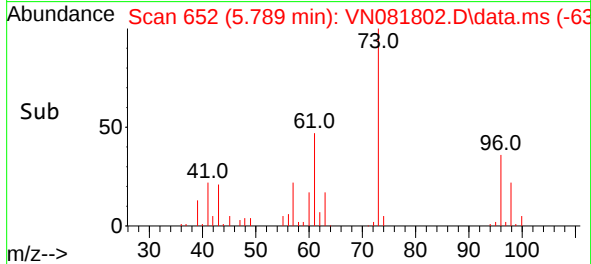
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 96 Resp: 4389
Ion Ratio Lower Upper
96 100
61 128.6 111.8 167.6
98 60.4 49.2 73.8

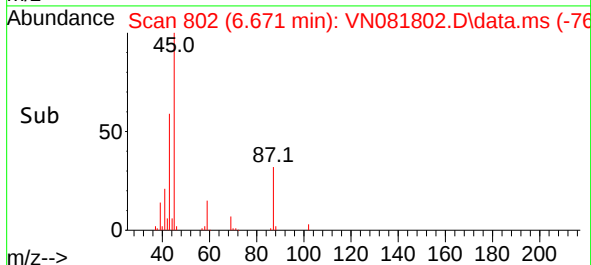
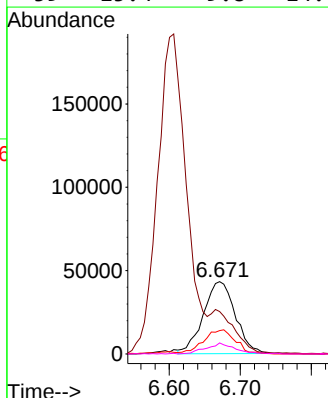
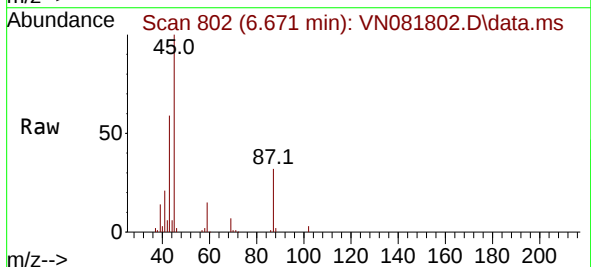
Manual Integrations
APPROVED

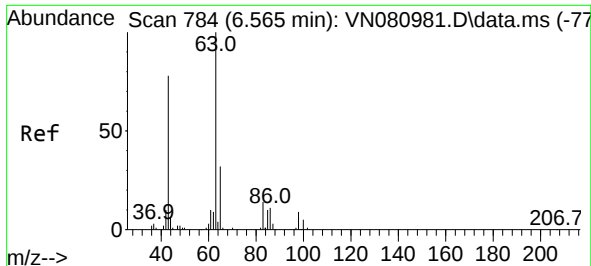
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#20
Diisopropyl ether
Concen: 20.812 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

Tgt Ion: 45 Resp: 135127
Ion Ratio Lower Upper
45 100
43 57.2 40.4 60.6
87 32.5 23.8 35.8
59 15.4 9.8 14.6#





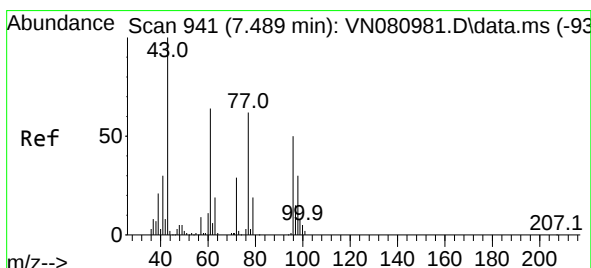
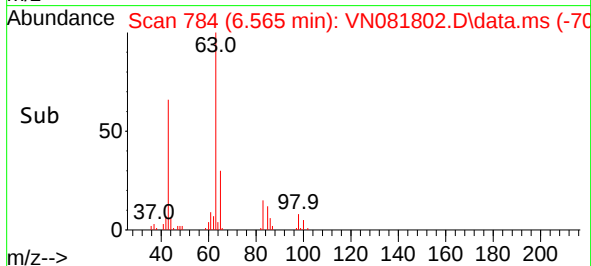
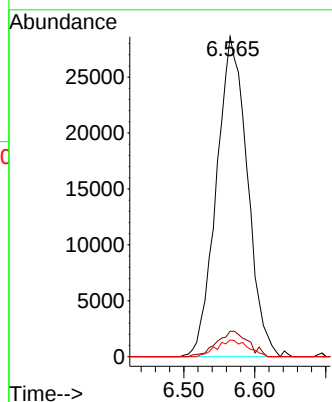
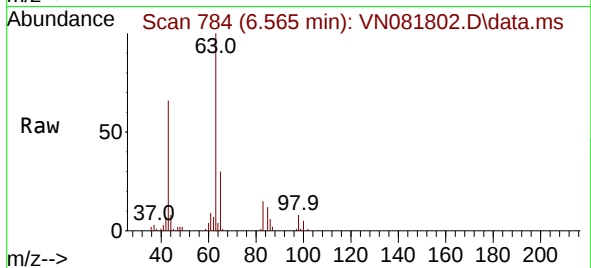
#21
1,1-Dichloroethane
Concen: 19.968 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.006 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 8644
Ion Ratio Lower Upper
63 100
98 7.9 4.1 12.3
100 5.3 3.0 9.0

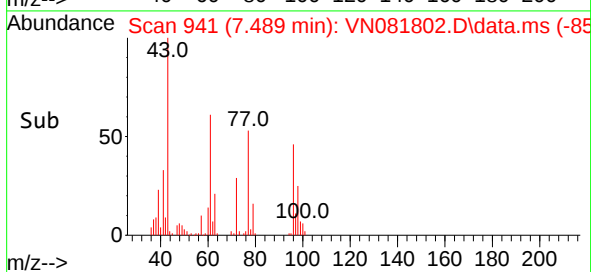
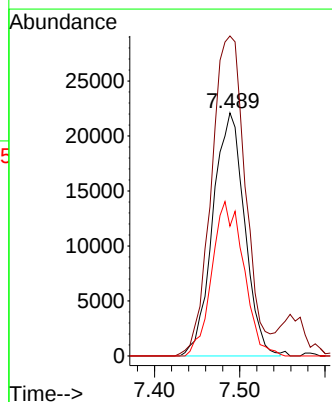
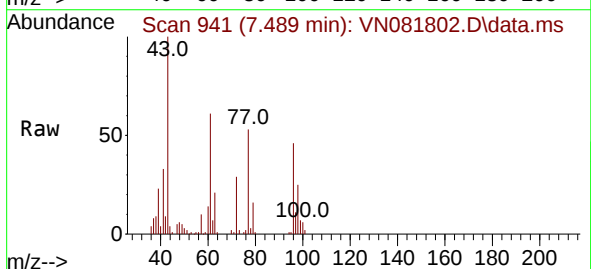
Manual Integrations
APPROVED

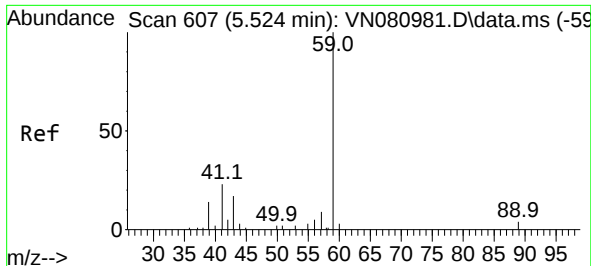
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#22
cis-1,2-Dichloroethene
Concen: 19.196 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

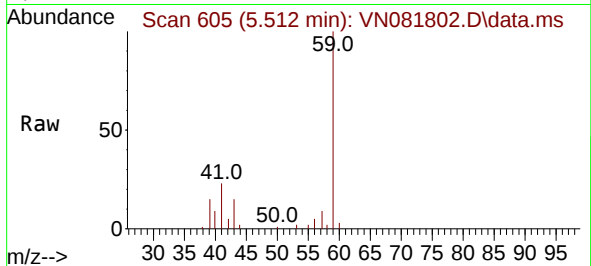
Tgt Ion: 96 Resp: 57308
Ion Ratio Lower Upper
96 100
61 140.7 113.5 170.3
98 63.7 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 105.816 ug/l
RT: 5.512 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

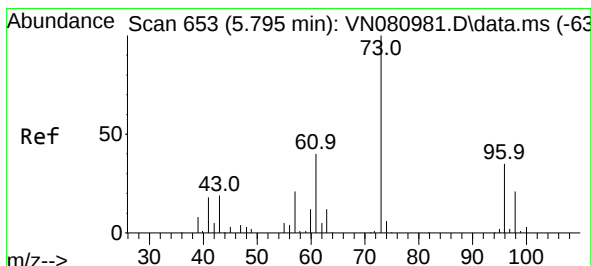
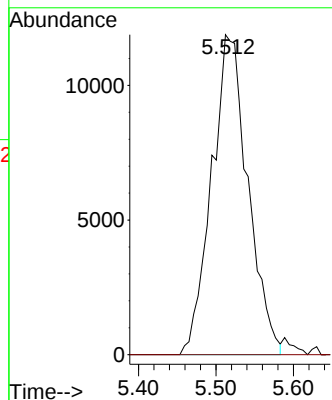
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 59 Resp: 3870
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

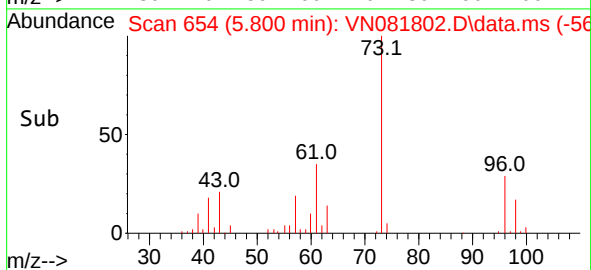
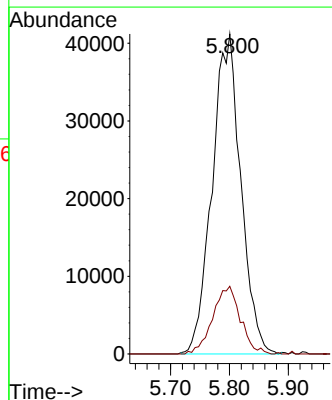
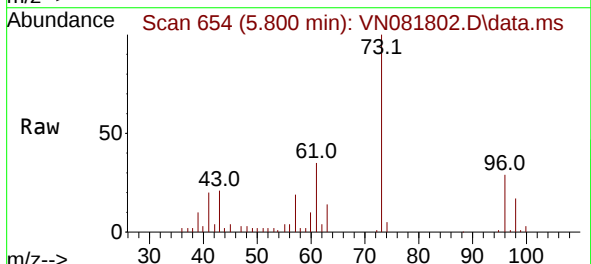
Manual Integrations
APPROVED

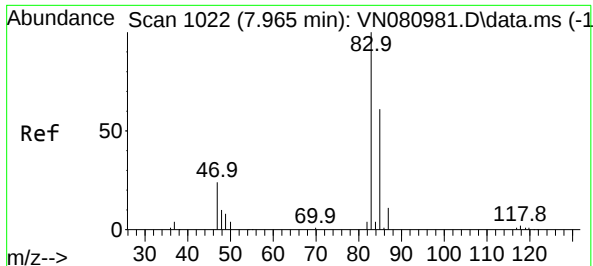
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#24
Methyl tert-Butyl Ether
Concen: 19.776 ug/l m
RT: 5.800 min Scan# 654
Delta R.T. 0.006 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

Tgt Ion: 73 Resp: 139438
Ion Ratio Lower Upper
73 100
43 20.0 13.4 20.2





#25

Chloroform

Concen: 20.428 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN081802.D

Acq: 19 Apr 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 83 Resp: 10061

Ion Ratio Lower Upper

83 100

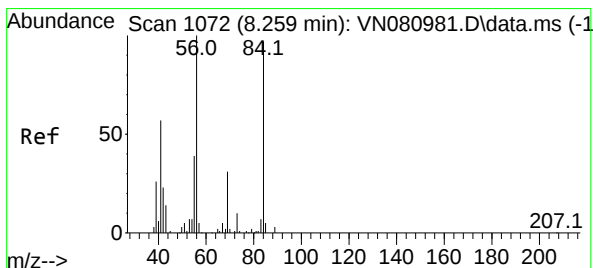
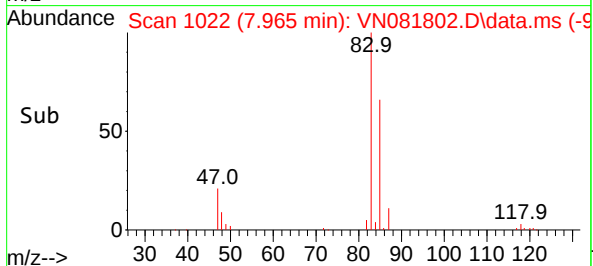
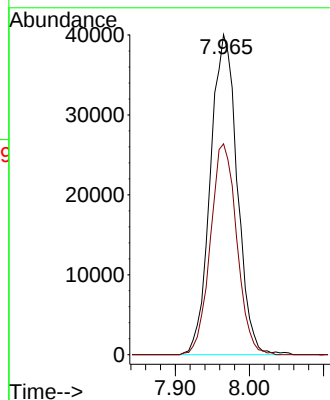
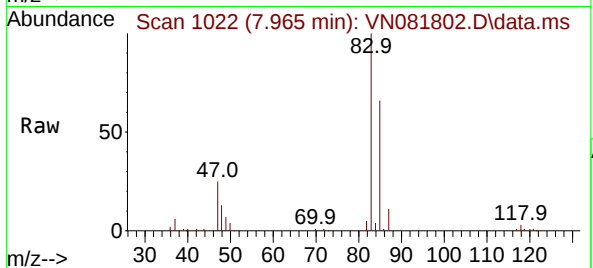
85 65.9 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2024

Supervised By :Mahesh Dadoda 04/22/2024



#26

Cyclohexane

Concen: 18.406 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.006 min

Lab File: VN081802.D

Acq: 19 Apr 2024 11:37

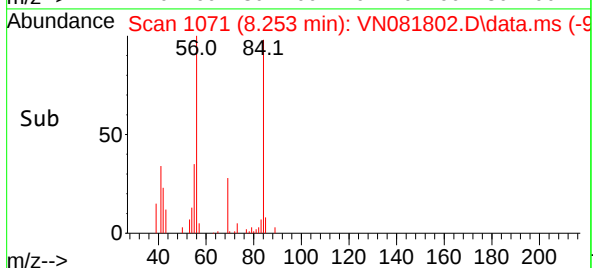
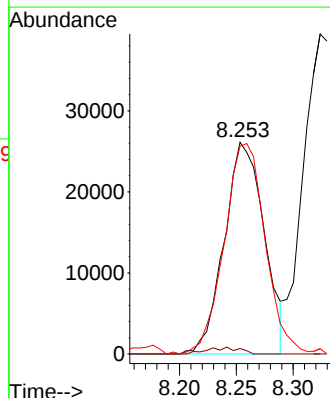
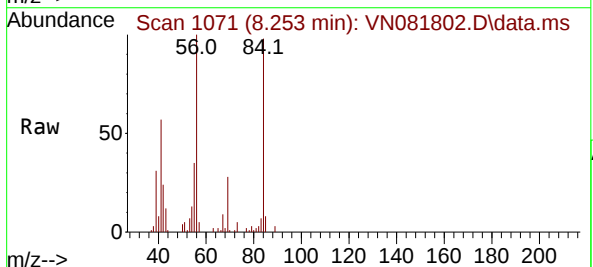
Tgt Ion: 56 Resp: 63874

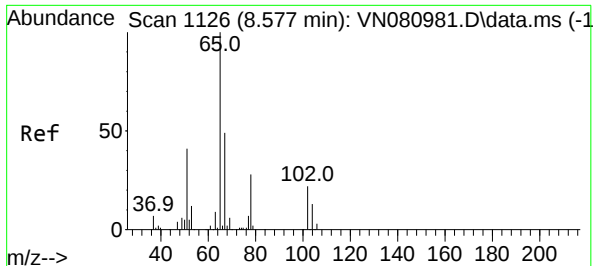
Ion Ratio Lower Upper

56 100

89 0.3 19.3 28.9#

84 101.5 71.3 106.9





#27

1,2-Dichloroethane-d4

Concen: 34.436 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN081802.D

Acq: 19 Apr 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 65 Resp: 7406

Ion Ratio Lower Upper

65 100

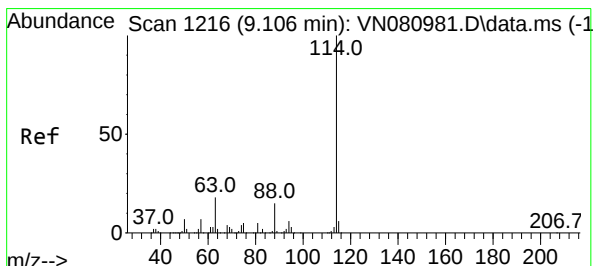
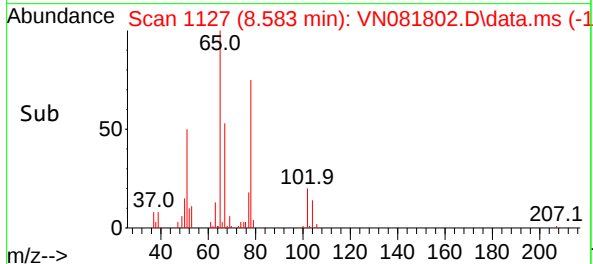
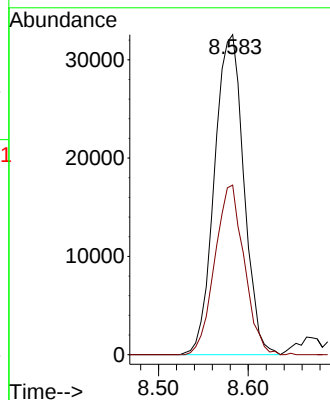
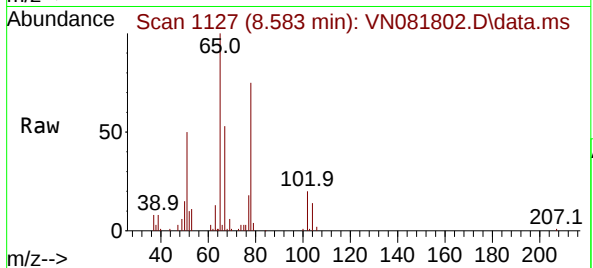
67 52.9 43.2 64.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2024

Supervised By :Mahesh Dadoda 04/22/2024



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081802.D

Acq: 19 Apr 2024 11:37

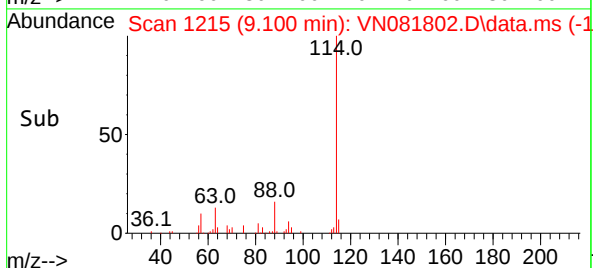
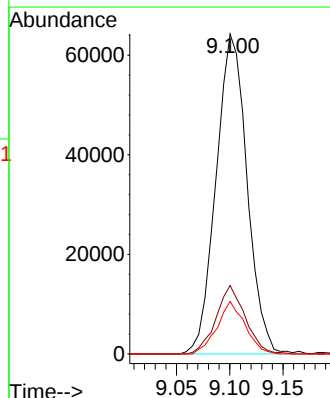
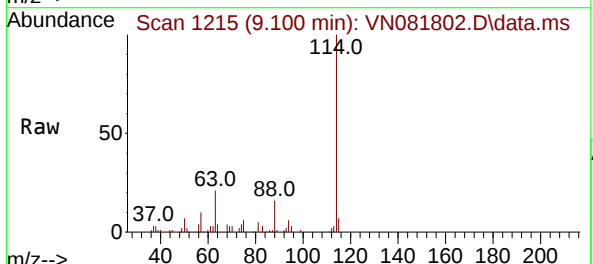
Tgt Ion:114 Resp: 129912

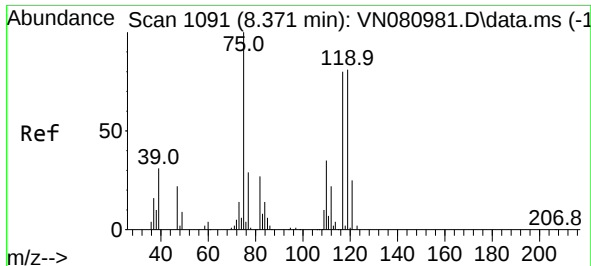
Ion Ratio Lower Upper

114 100

63 20.2 15.9 23.9

88 14.8 12.7 19.1





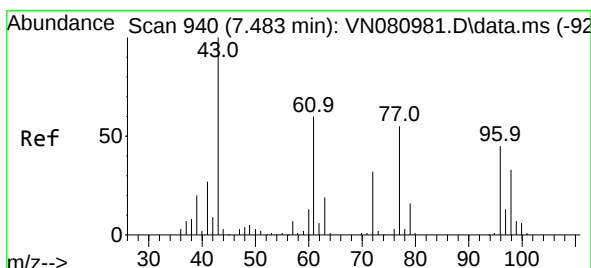
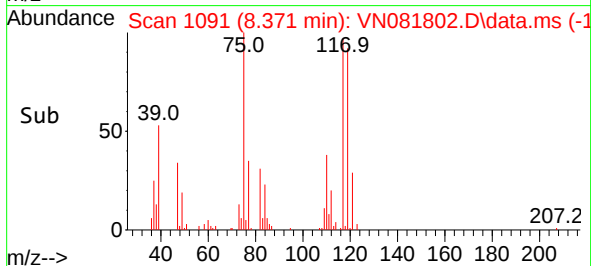
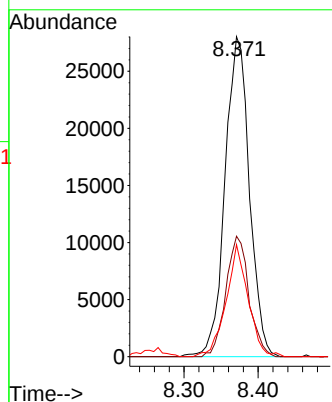
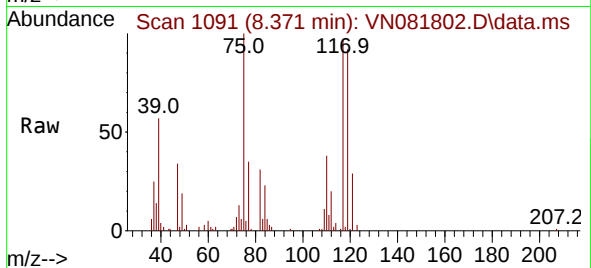
#29
1,1-Dichloropropene
Concen: 18.748 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 75	Resp: 6403
Ion Ratio	Lower Upper
75	100
110	35.6 0.0 70.2
77	31.4 0.0 61.4

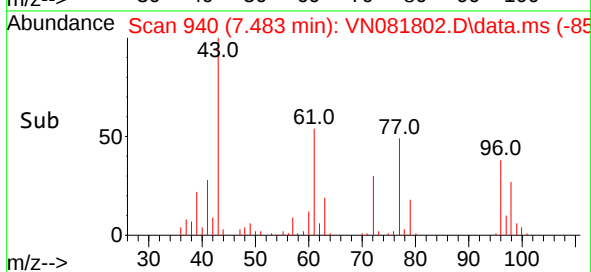
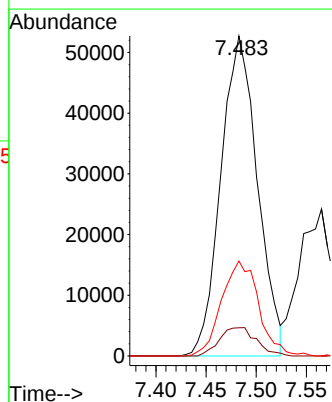
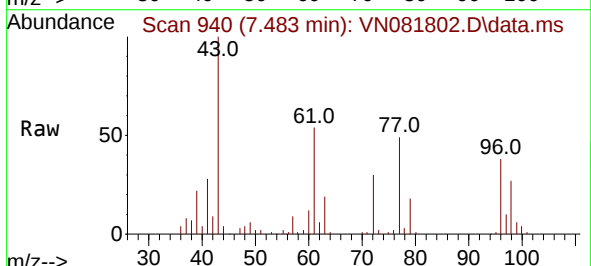
Manual Integrations
APPROVED

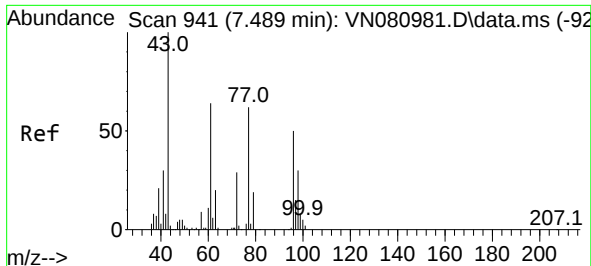
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#30
2-Butanone
Concen: 102.574 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

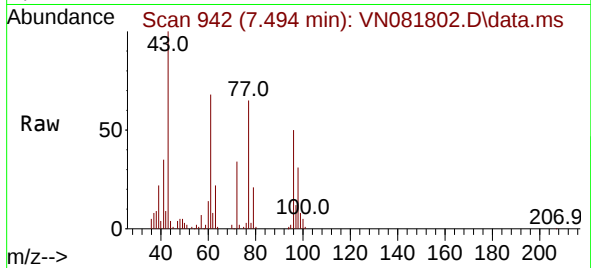
Tgt Ion: 43	Resp: 133795
Ion Ratio	Lower Upper
43	100
57	9.0 6.7 10.1
72	29.9 24.0 36.0





#31
2,2-Dichloropropane
Concen: 18.131 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

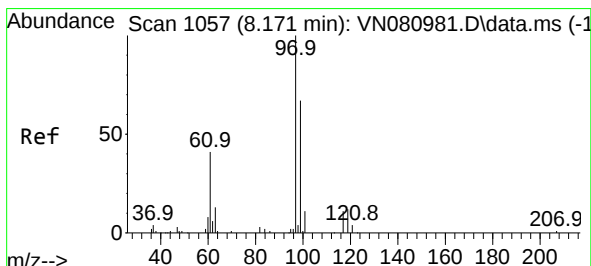
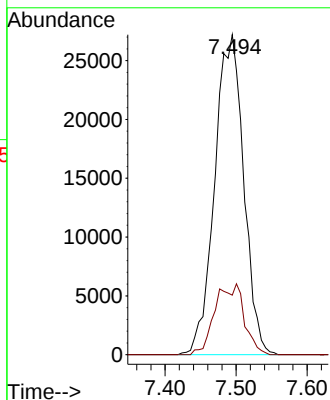
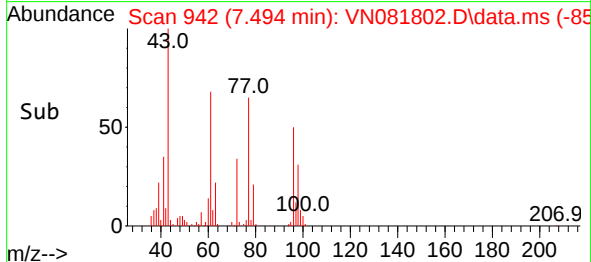
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



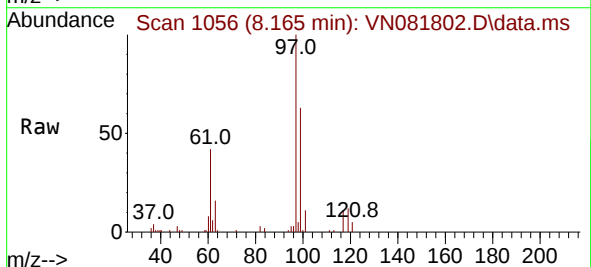
Tgt Ion: 77 Resp: 7713
Ion Ratio Lower Upper
77 100
97 8.2 18.3 27.5

Manual Integrations
APPROVED

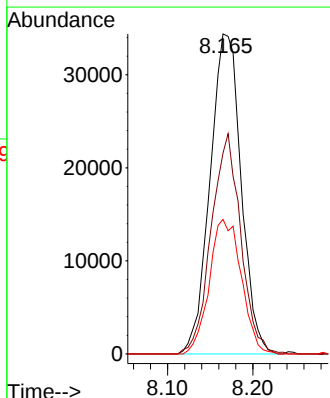
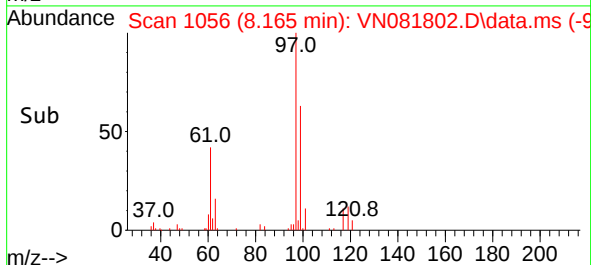
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024

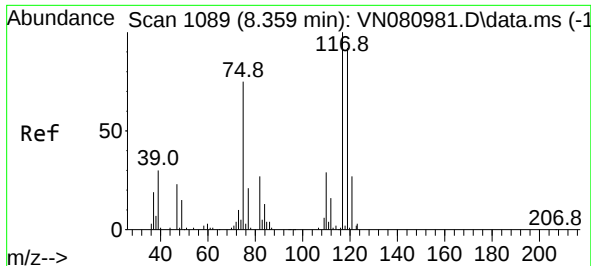


#32
1,1,1-Trichloroethane
Concen: 18.511 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37



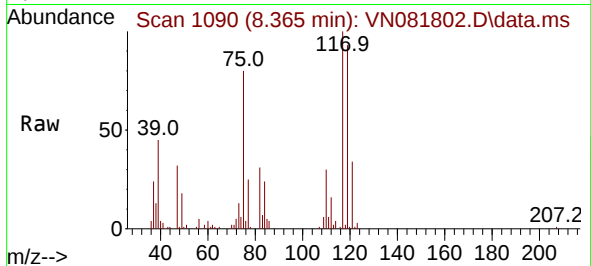
Tgt Ion: 97 Resp: 87134
Ion Ratio Lower Upper
97 100
99 65.4 51.0 76.4
61 43.3 33.8 50.8





#33
Carbon Tetrachloride
Concen: 17.824 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

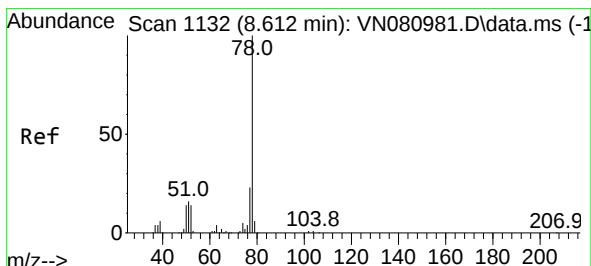
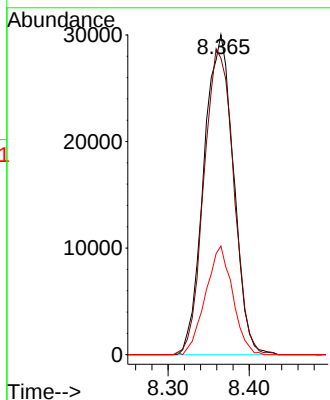
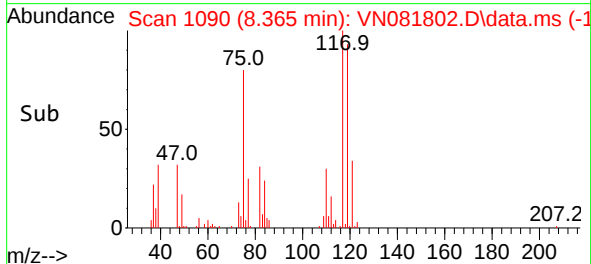
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



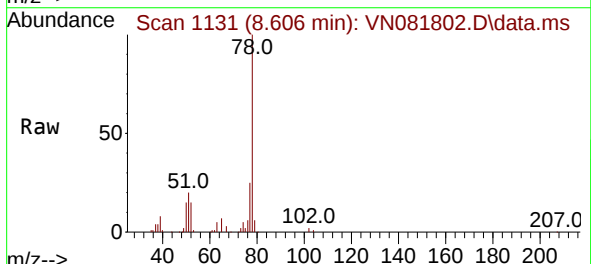
Tgt Ion: 117 Resp: 76052
Ion Ratio Lower Upper
117 100
119 92.6 77.7 116.5
121 33.9 27.0 40.6

Manual Integrations
APPROVED

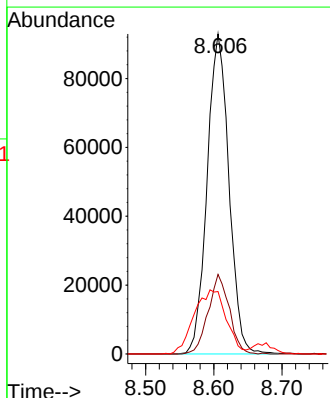
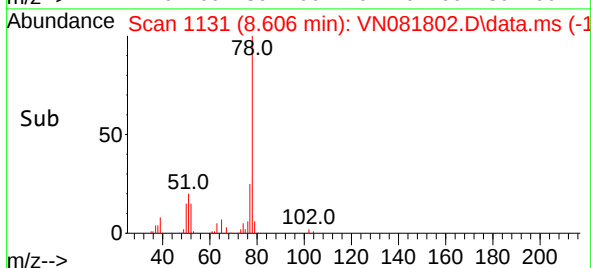
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#34
Benzene
Concen: 18.837 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37



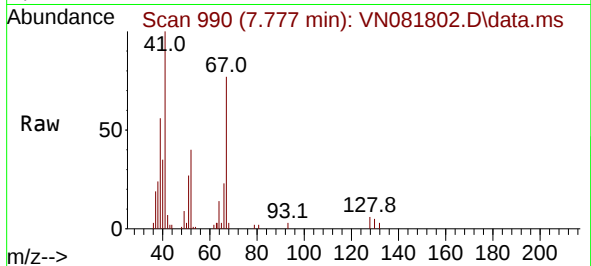
Tgt Ion: 78 Resp: 207249
Ion Ratio Lower Upper
78 100
77 24.8 19.2 28.8
51 18.5 13.3 19.9





#35
Methacrylonitrile
Concen: 21.570 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

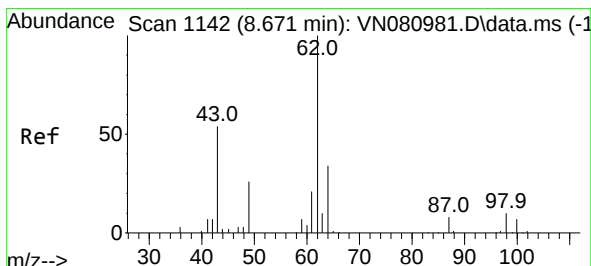
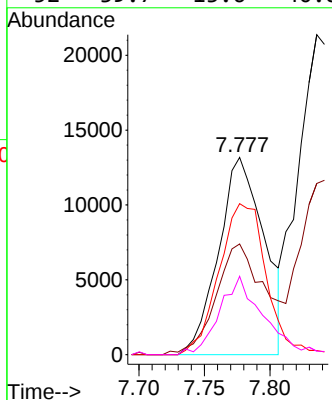
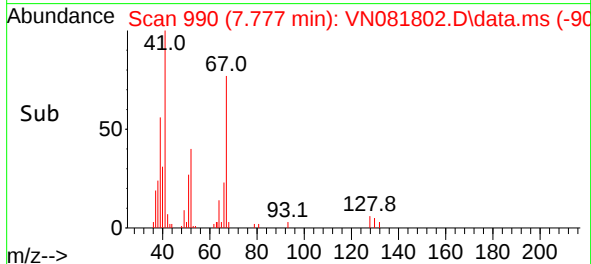
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 41 Resp: 3186
Ion Ratio Lower Upper
41 100
39 54.8 25.3 75.9
67 76.6 38.7 116.1
52 39.7 13.6 40.8

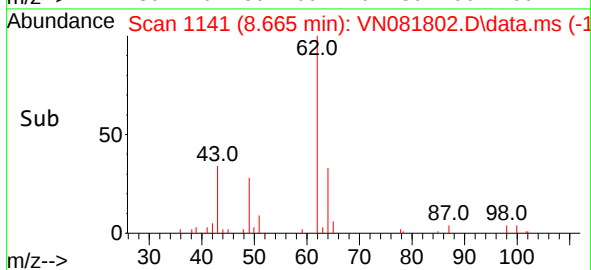
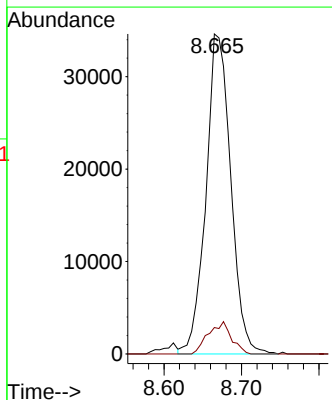
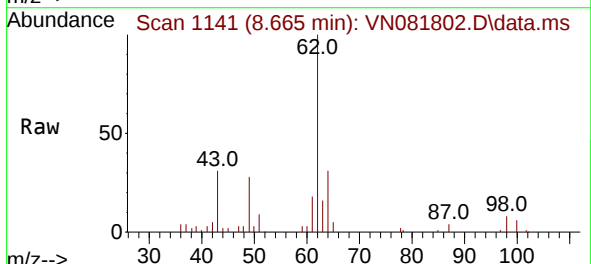
Manual Integrations
APPROVED

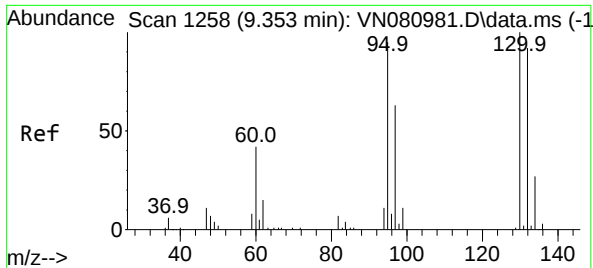
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#36
1,2-Dichloroethane
Concen: 21.387 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

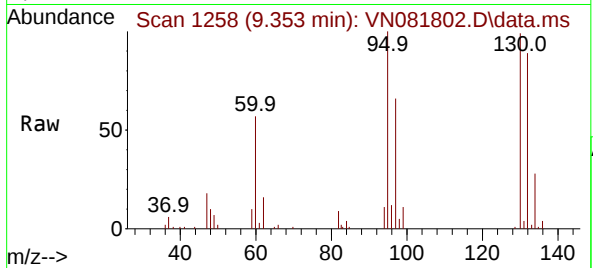
Tgt Ion: 62 Resp: 77179
Ion Ratio Lower Upper
62 100
98 9.3 8.2 12.4





#37
Trichloroethene
Concen: 17.673 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

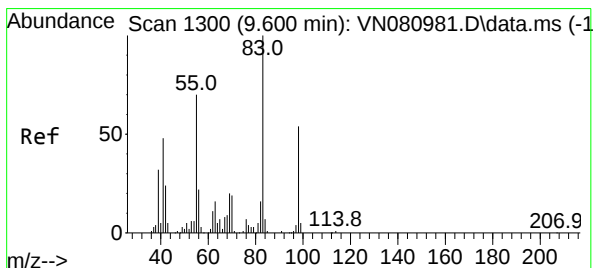
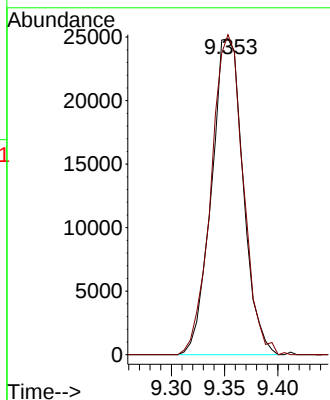
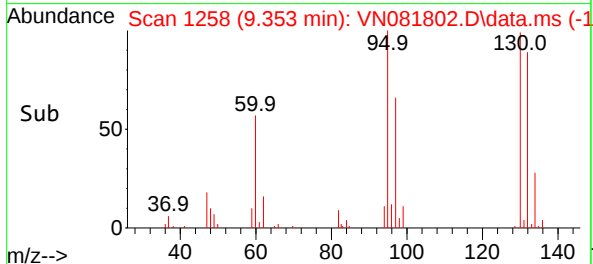
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



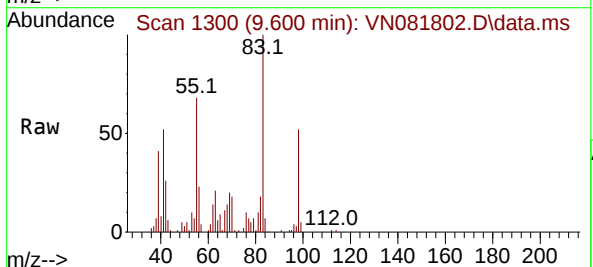
Tgt Ion:130 Resp: 51454
Ion Ratio Lower Upper
130 100
95 101.3 80.2 120.4

Manual Integrations
APPROVED

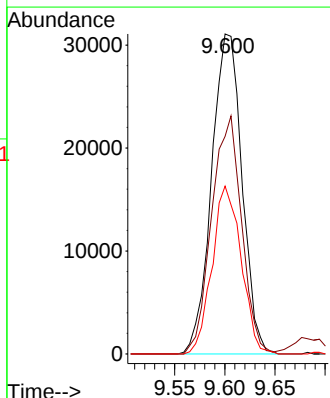
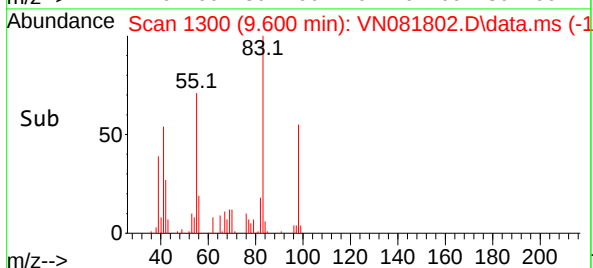
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024

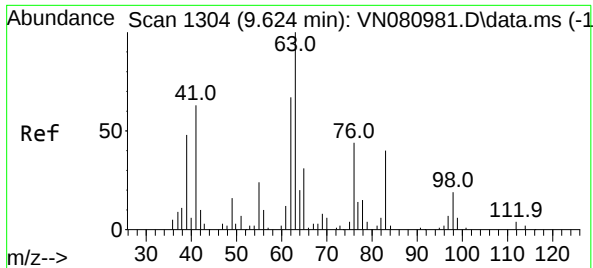


#38
Methylcyclohexane
Concen: 15.670 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.006 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37



Tgt Ion: 83 Resp: 65414
Ion Ratio Lower Upper
83 100
55 73.3 36.6 109.9
98 50.2 23.8 71.5





#39

1,2-Dichloropropane

Concen: 19.665 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081802.D

Acq: 19 Apr 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 5047

Ion Ratio Lower Upper

63 100

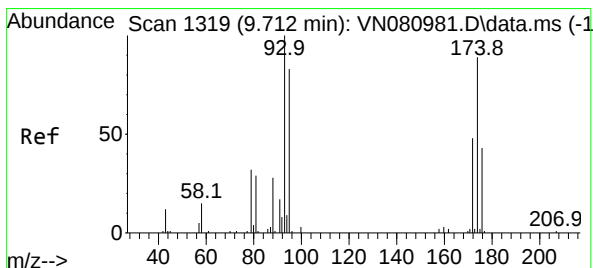
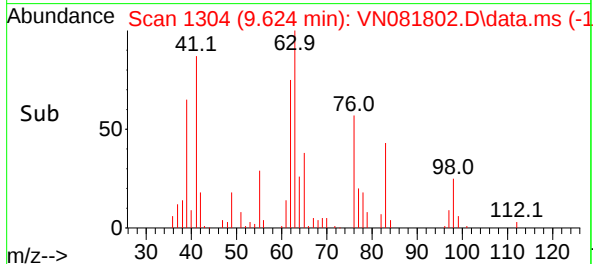
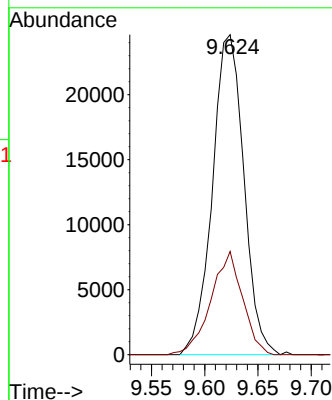
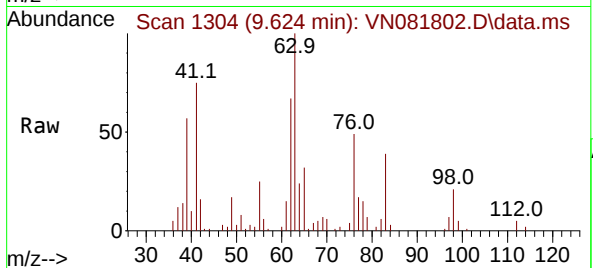
65 32.3 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2024

Supervised By :Mahesh Dadoda 04/22/2024



#40

Dibromomethane

Concen: 20.199 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081802.D

Acq: 19 Apr 2024 11:37

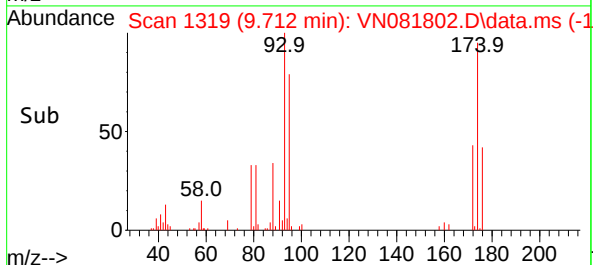
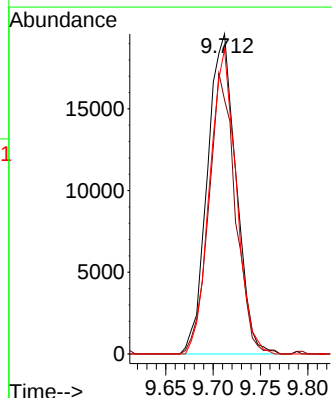
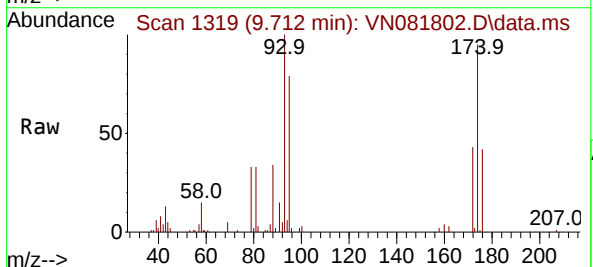
Tgt Ion: 93 Resp: 41299

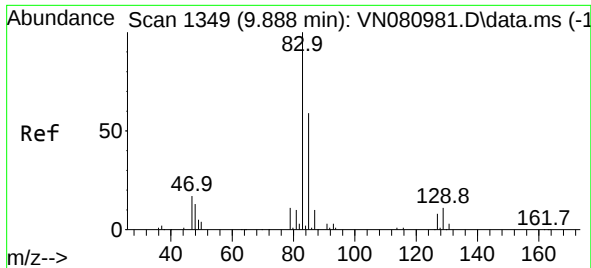
Ion Ratio Lower Upper

93 100

95 81.1 0.0 164.6

174 88.0 0.0 193.2





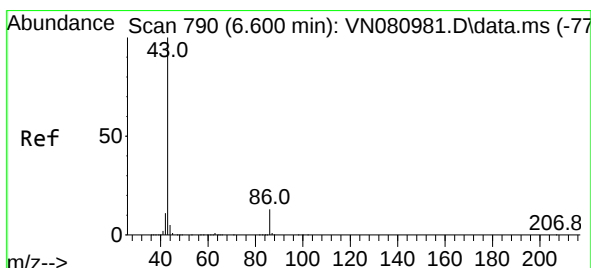
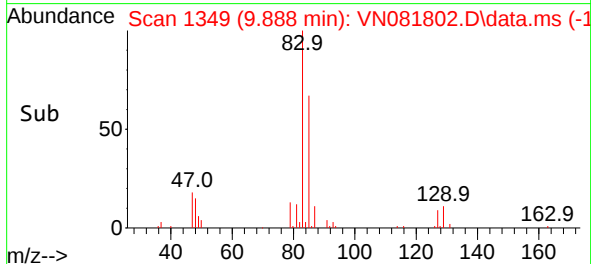
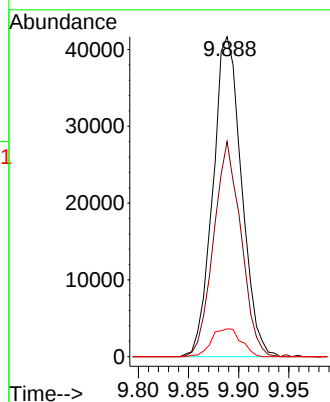
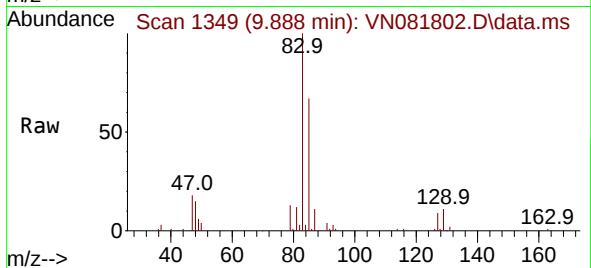
#41
Bromodichloromethane
Concen: 19.828 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 82672
Ion Ratio Lower Upper
83 100
85 67.2 49.4 74.2
127 8.7 7.3 10.9

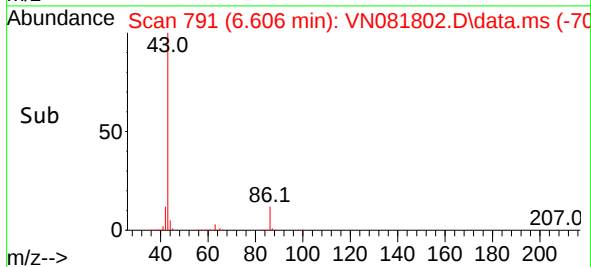
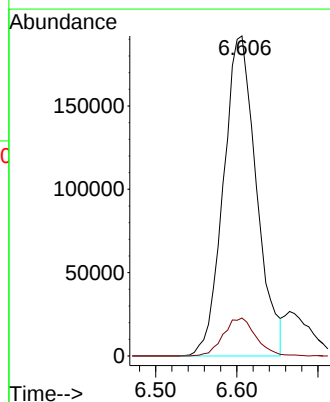
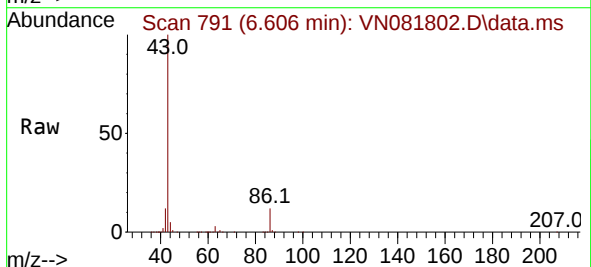
Manual Integrations
APPROVED

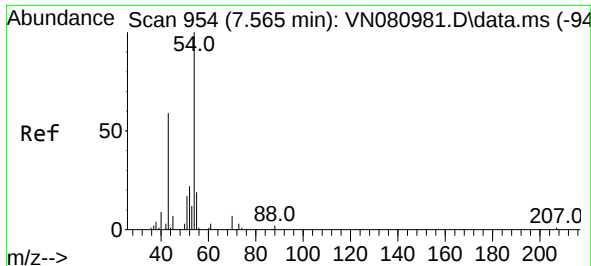
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#42
Vinyl Acetate
Concen: 99.853 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

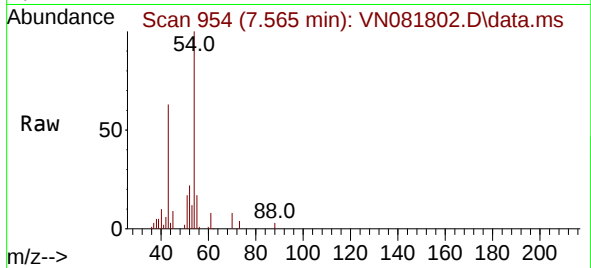
Tgt Ion: 43 Resp: 542576
Ion Ratio Lower Upper
43 100
86 11.6 9.4 14.2





#43
Ethyl Acetate
Concen: 21.356 ug/l m
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

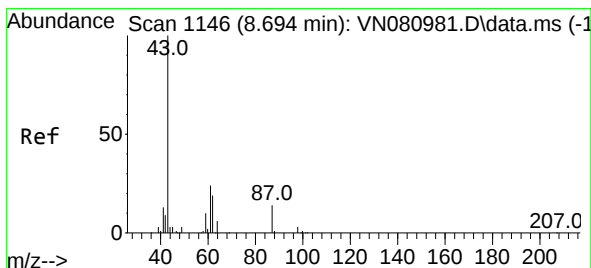
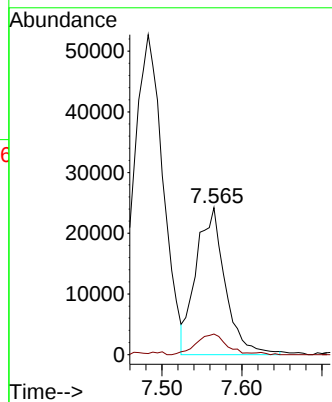
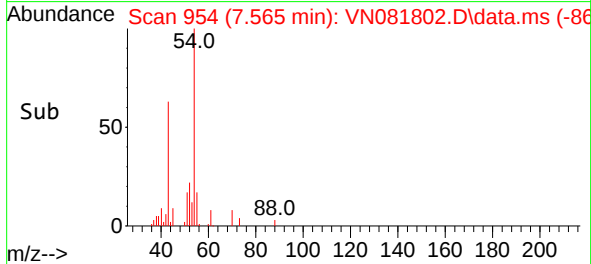
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



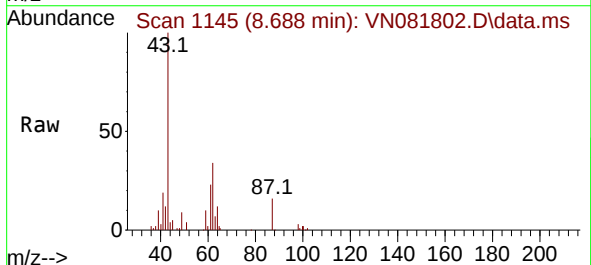
Tgt Ion: 43 Resp: 61392
Ion Ratio Lower Upper
43 100
45 14.1 10.6 15.8

Manual Integrations
APPROVED

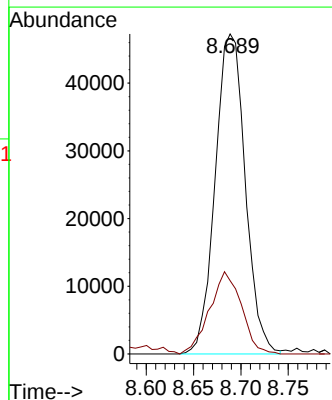
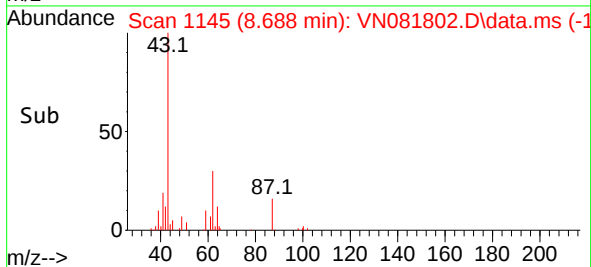
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024

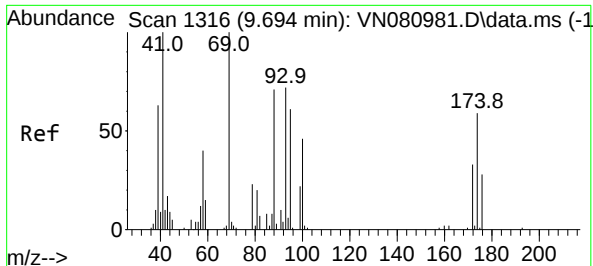


#44
Isopropyl Acetate
Concen: 21.683 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37



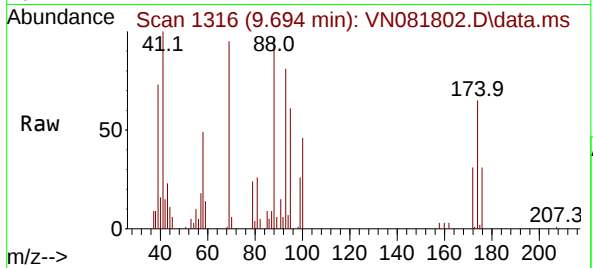
Tgt Ion: 43 Resp: 104443
Ion Ratio Lower Upper
43 100
61 27.2 25.0 37.4





#45
1,4-Dioxane
Concen: 431.452 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

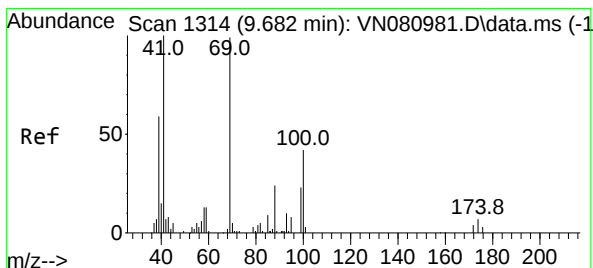
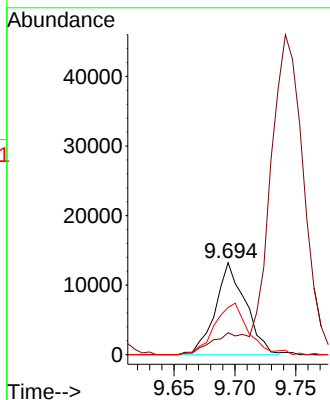
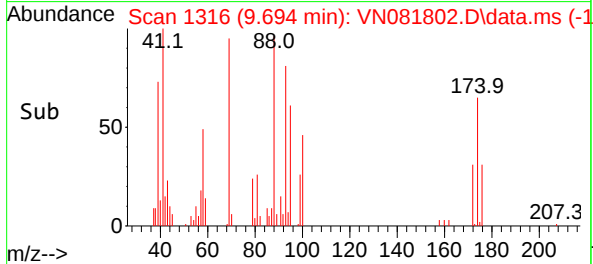
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



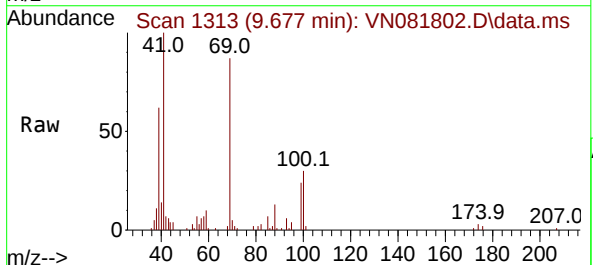
Tgt Ion: 88 Resp: 2294
Ion Ratio Lower Upper
88 100
43 28.7 19.8 29.6
58 60.4 55.4 83.0

Manual Integrations
APPROVED

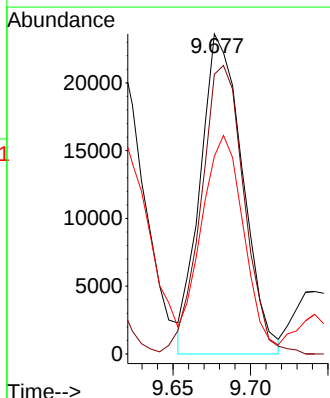
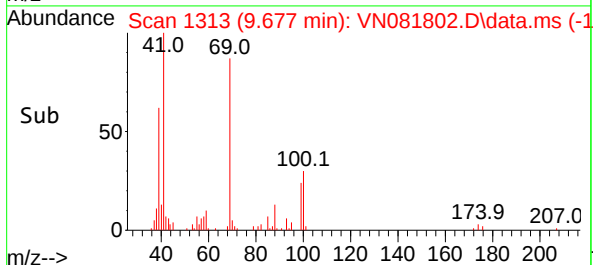
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024

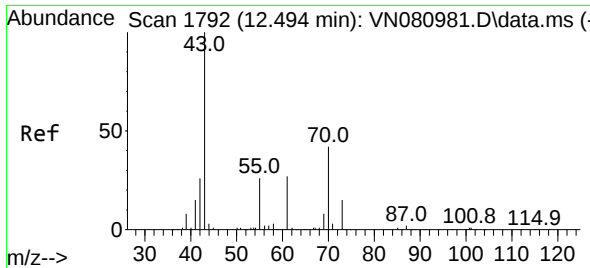


#46
Methyl methacrylate
Concen: 20.663 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37



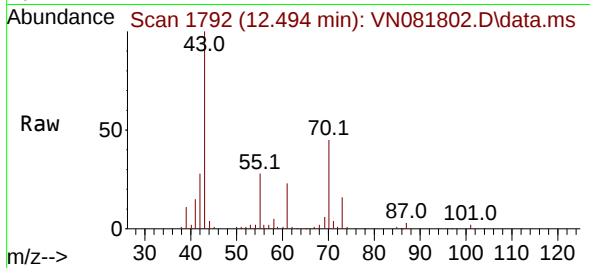
Tgt Ion: 41 Resp: 44757
Ion Ratio Lower Upper
41 100
69 89.0 51.1 153.3
39 61.7 25.8 77.3





#47
n-amy1 Acetate
Concen: 20.908 ug/l
RT: 12.494 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

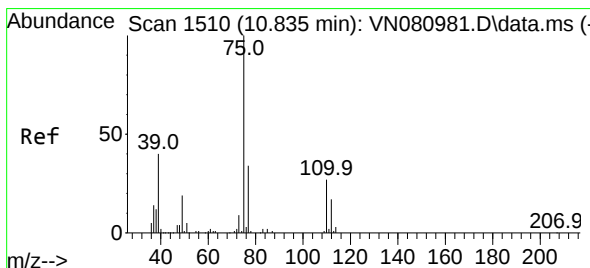
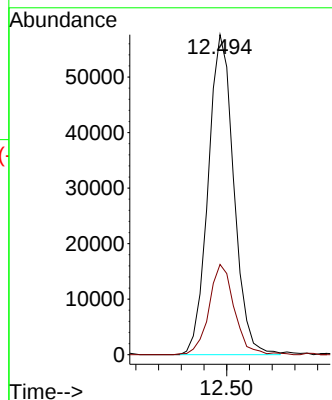
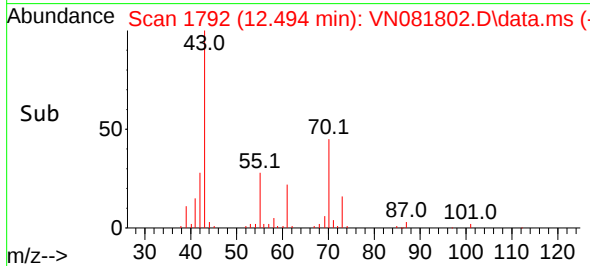
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



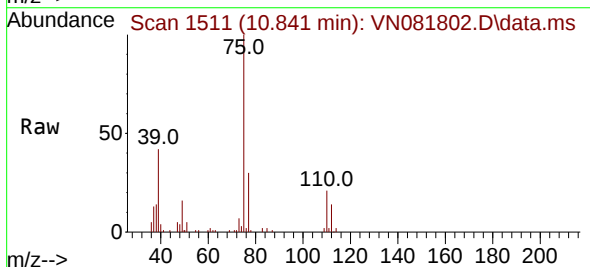
Tgt Ion: 43 Resp: 90369
Ion Ratio Lower Upper
43 100
55 27.6 23.4 35.2

Manual Integrations
APPROVED

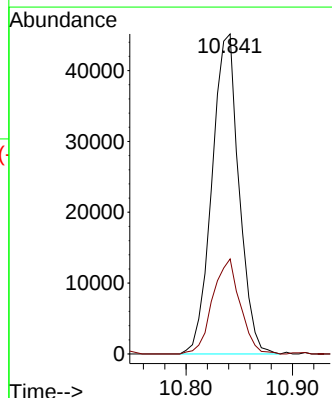
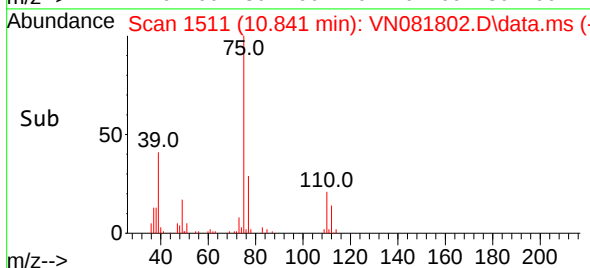
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024

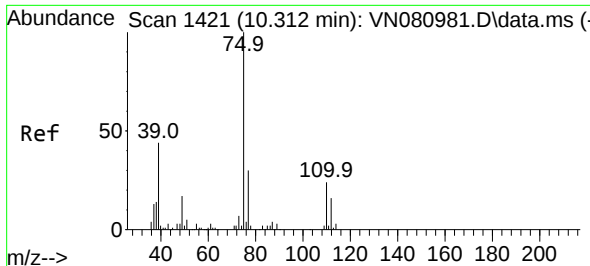


#48
t-1,3-Dichloropropene
Concen: 20.047 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37



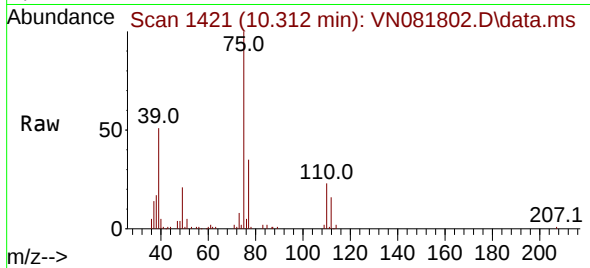
Tgt Ion: 75 Resp: 79632
Ion Ratio Lower Upper
75 100
77 29.7 23.8 35.6





#49
cis-1,3-Dichloropropene
Concen: 19.204 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

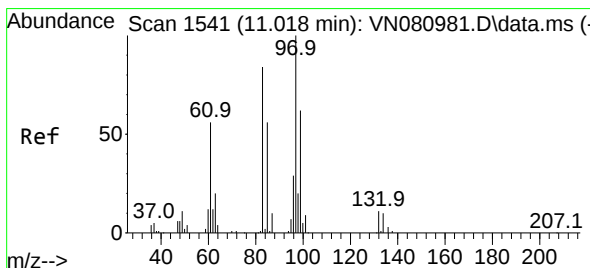
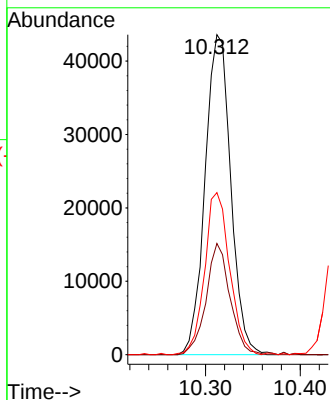
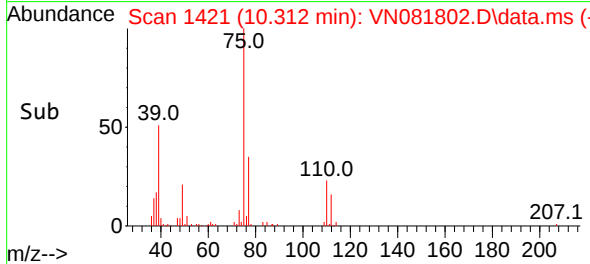
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 82150
Ion Ratio Lower Upper
75 100
77 34.7 24.9 37.3
39 50.6 31.0 46.6

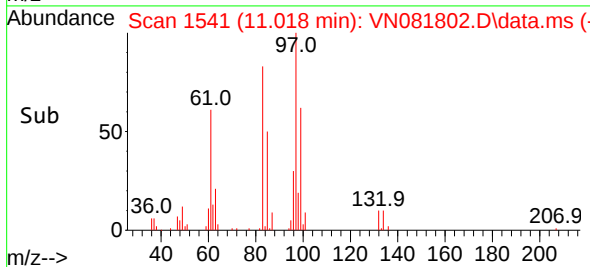
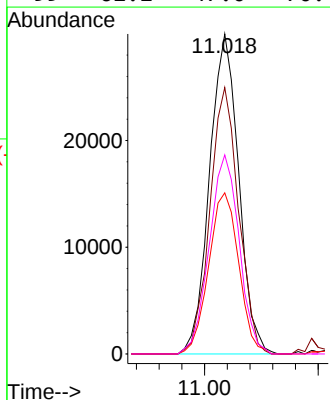
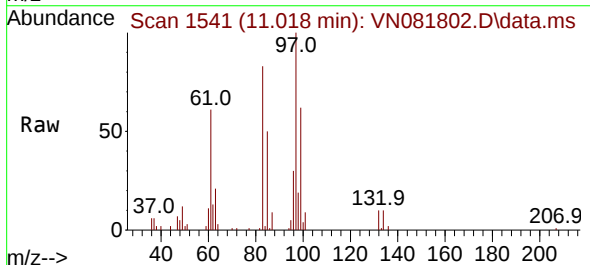
Manual Integrations
APPROVED

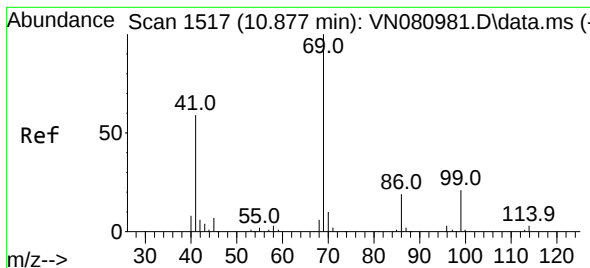
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#50
1,1,2-Trichloroethane
Concen: 19.519 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

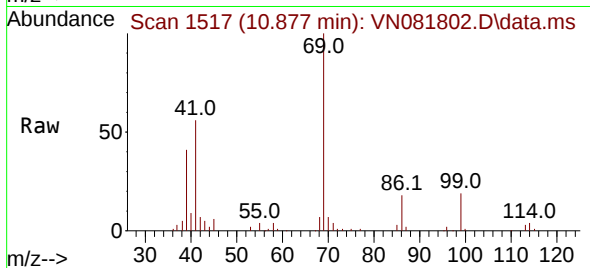
Tgt Ion: 97 Resp: 53438
Ion Ratio Lower Upper
97 100
83 83.2 68.1 102.1
85 50.3 41.8 62.6
99 62.2 47.0 70.4





#51
Ethyl methacrylate
Concen: 19.731 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

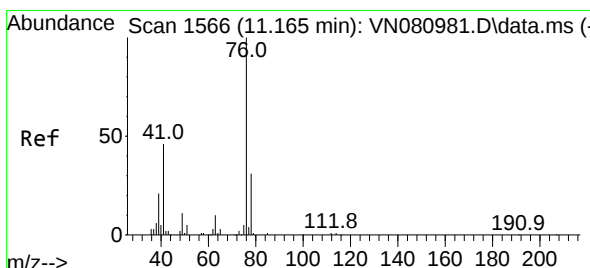
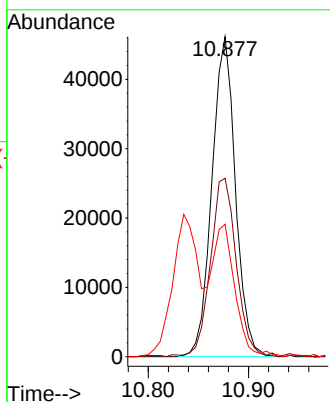
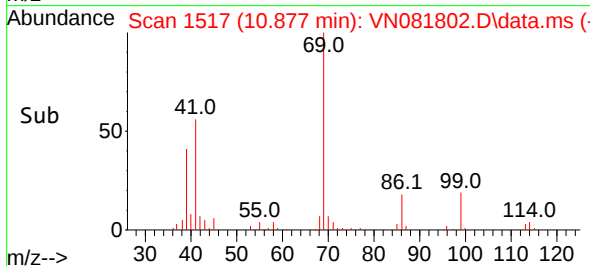
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



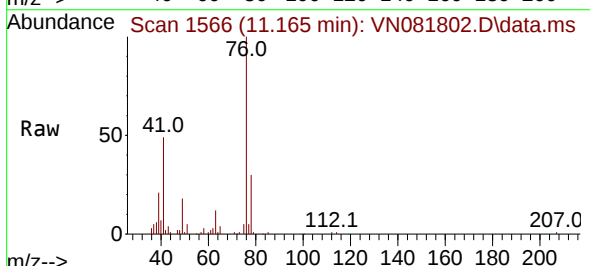
Tgt Ion: 69 Resp: 75210
Ion Ratio Lower Upper
69 100
41 55.7 25.5 76.5
39 40.8 16.0 47.9

Manual Integrations
APPROVED

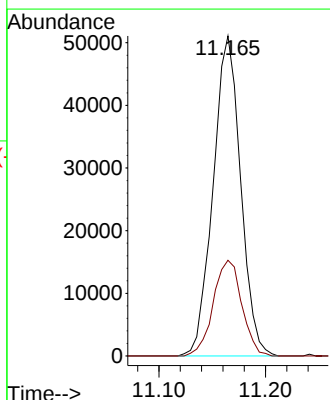
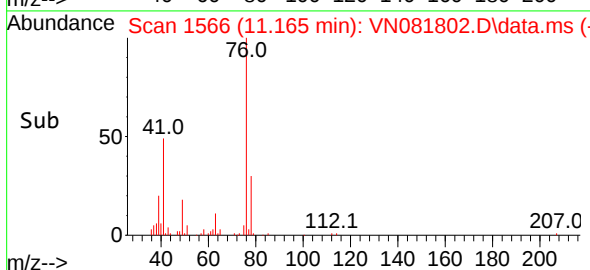
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024

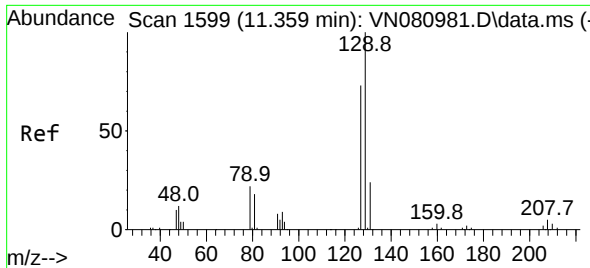


#52
1,3-Dichloropropane
Concen: 20.416 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37



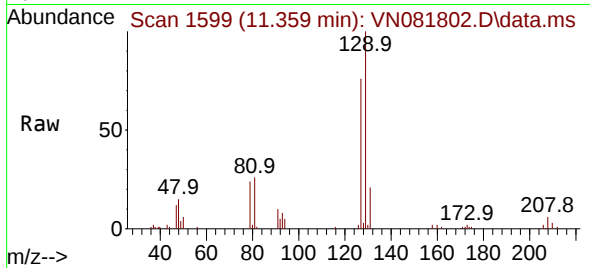
Tgt Ion: 76 Resp: 91614
Ion Ratio Lower Upper
76 100
78 31.0 0.0 65.8





#53
Dibromochloromethane
Concen: 19.150 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

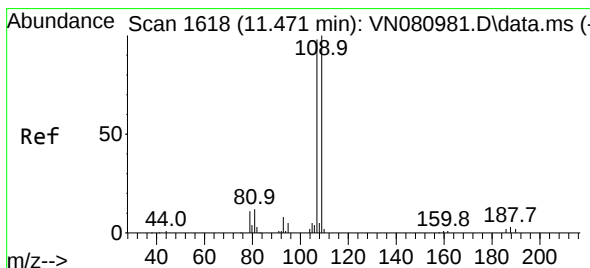
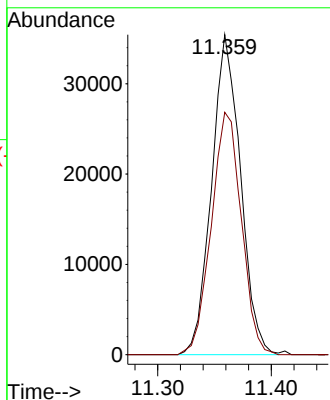
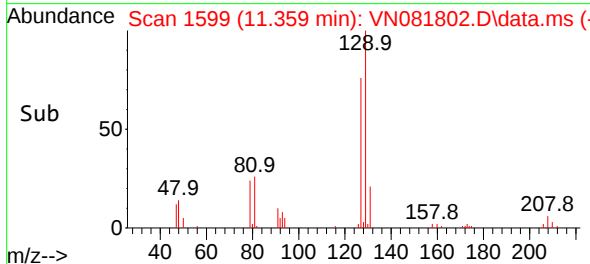
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



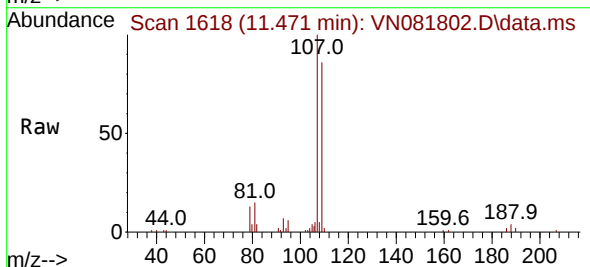
Tgt Ion:129 Resp: 62629
Ion Ratio Lower Upper
129 100
127 78.7 39.4 118.1

Manual Integrations
APPROVED

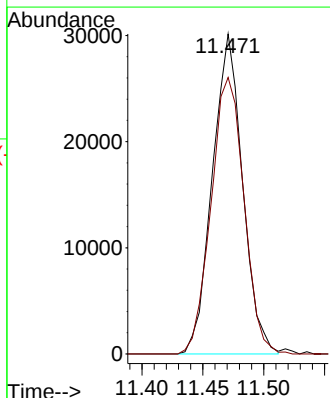
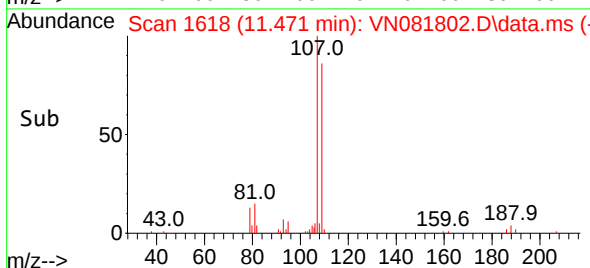
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024

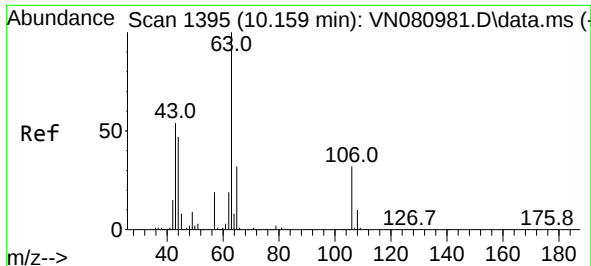


#54
1,2-Dibromoethane
Concen: 18.352 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37



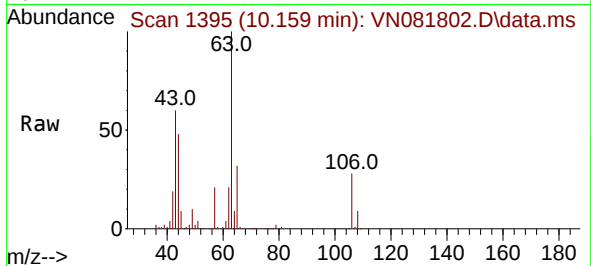
Tgt Ion:107 Resp: 51933
Ion Ratio Lower Upper
107 100
109 94.2 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 107.625 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

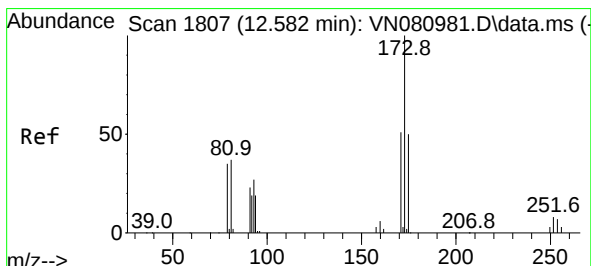
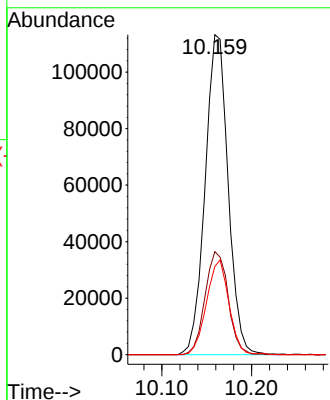
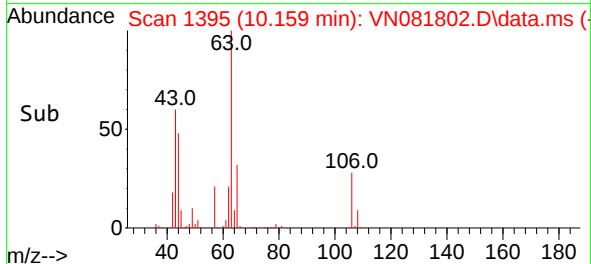
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 63 Resp: 20147
Ion Ratio Lower Upper
63 100
65 32.3 26.2 39.2
106 28.8 23.8 35.8

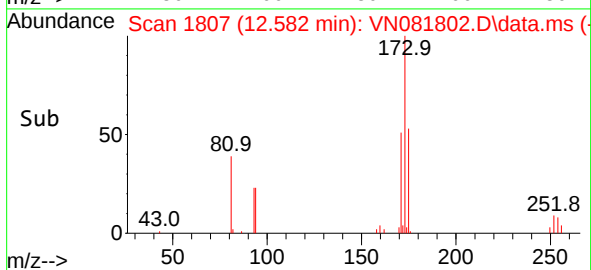
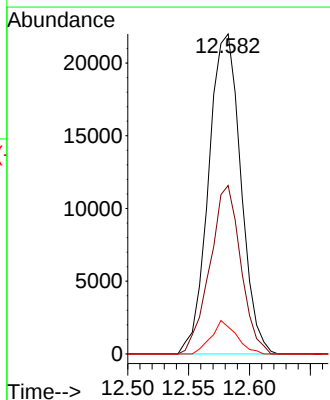
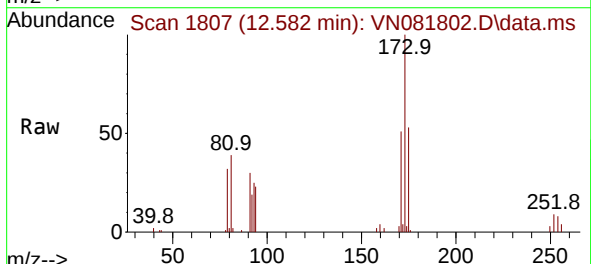
Manual Integrations
APPROVED

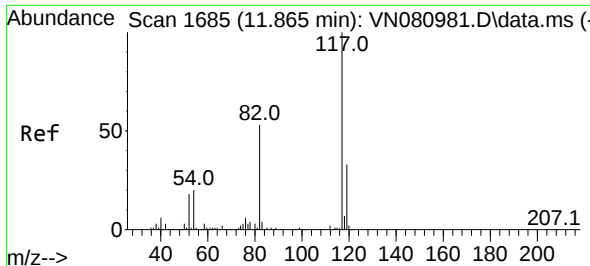
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#56
Bromoform
Concen: 19.361 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

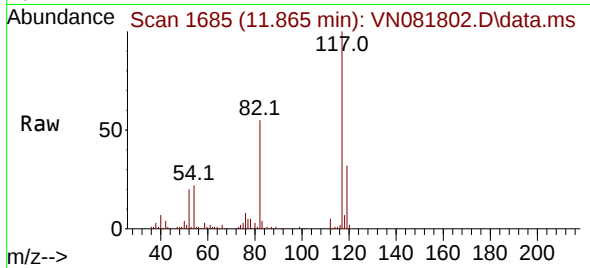
Tgt Ion:173 Resp: 40488
Ion Ratio Lower Upper
173 100
175 50.5 40.0 60.0
254 8.1 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

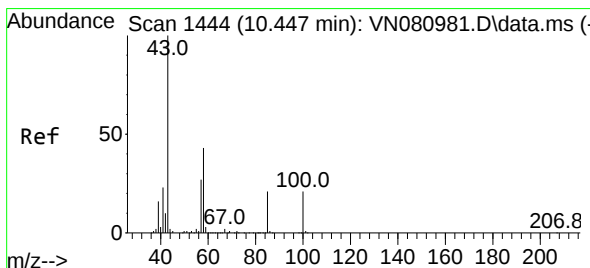
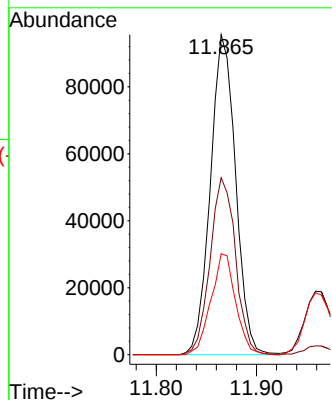
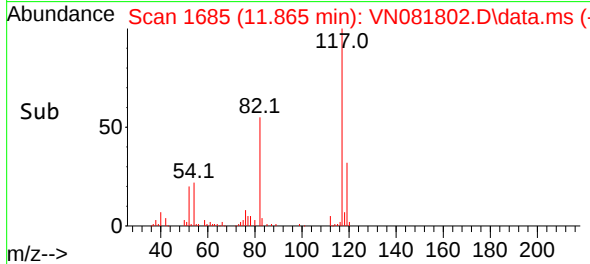
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 117 Resp: 166950
Ion Ratio Lower Upper
117 100
82 55.8 46.6 69.8
119 30.9 25.4 38.2

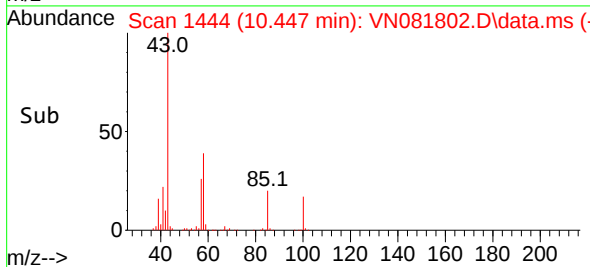
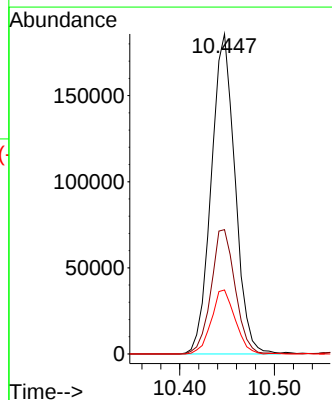
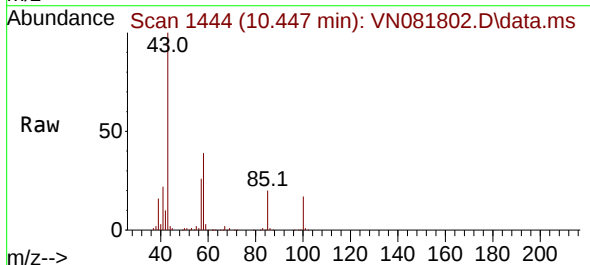
Manual Integrations
APPROVED

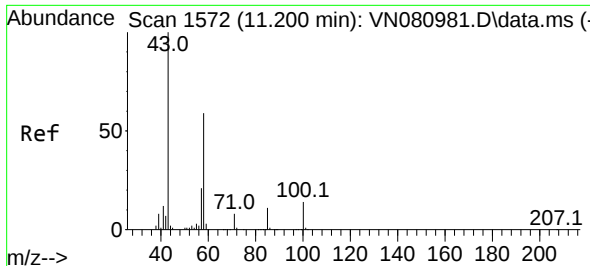
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#58
4-Methyl-2-Pentanone
Concen: 112.868 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

Tgt Ion: 43 Resp: 324060
Ion Ratio Lower Upper
43 100
58 39.4 36.5 54.7
85 20.0 19.5 29.3





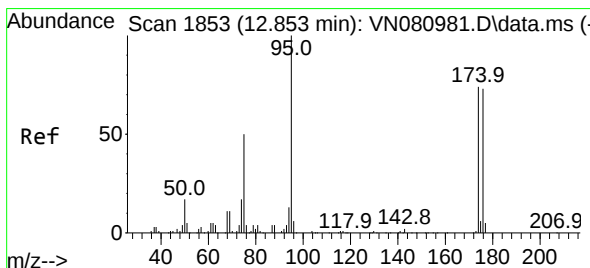
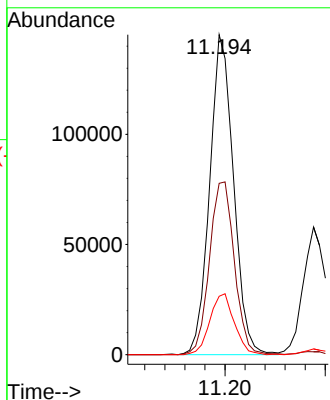
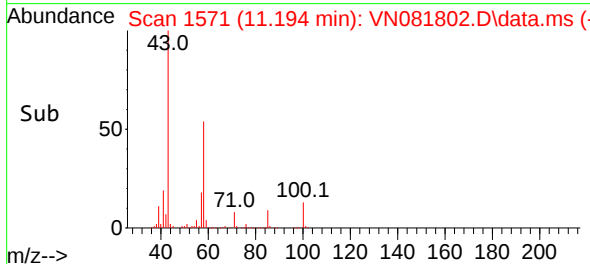
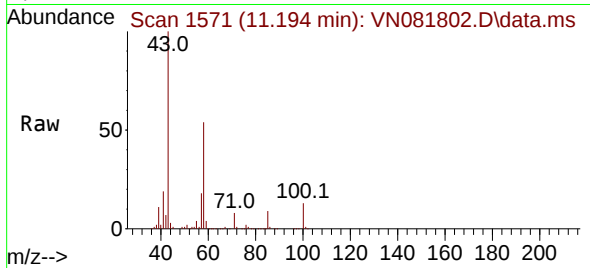
#59
2-Hexanone
Concen: 111.291 ug/l
RT: 11.194 min Scan# 111
Delta R.T. -0.006 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 23997
Ion Ratio Lower Upper
43 100
58 56.3 50.4 75.6
57 19.5 18.6 27.8

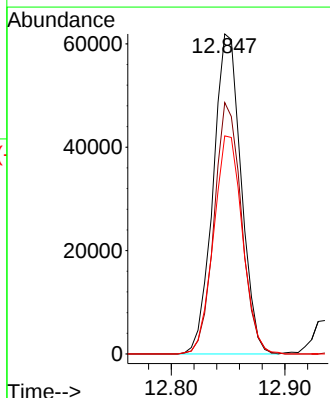
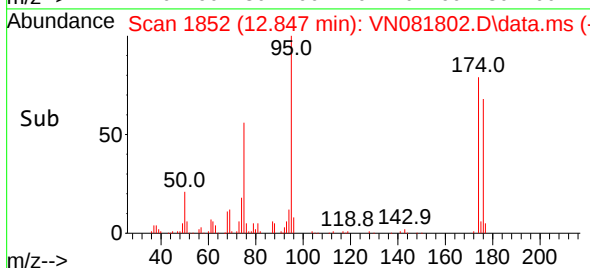
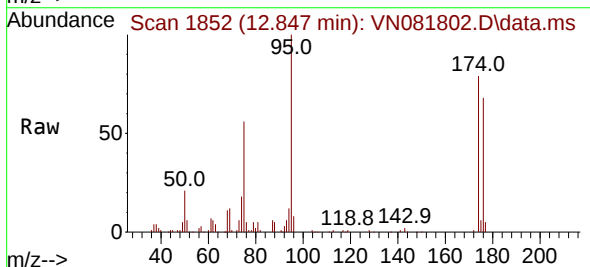
Manual Integrations
APPROVED

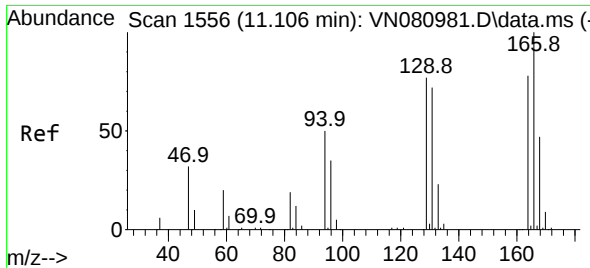
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#60
4-Bromofluorobenzene
Concen: 32.223 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

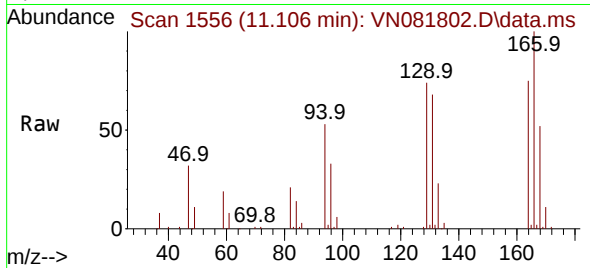
Tgt Ion: 95 Resp: 105770
Ion Ratio Lower Upper
95 100
174 76.3 60.5 90.7
176 70.7 57.8 86.6





#61
Tetrachloroethene
Concen: 17.718 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

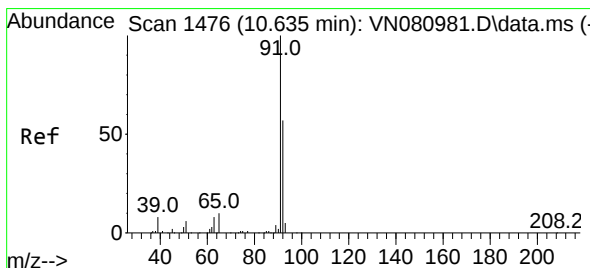
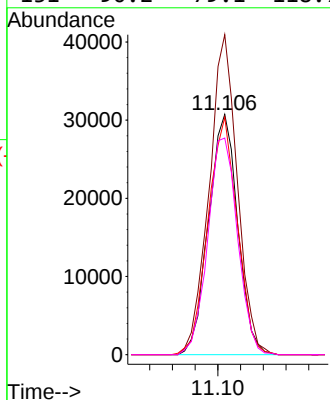
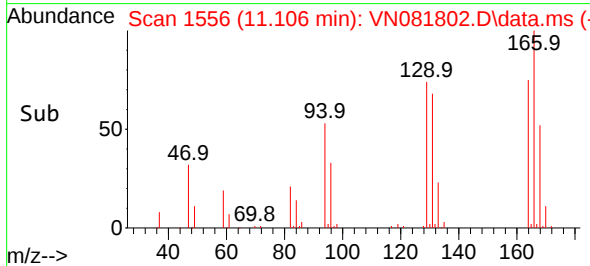
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



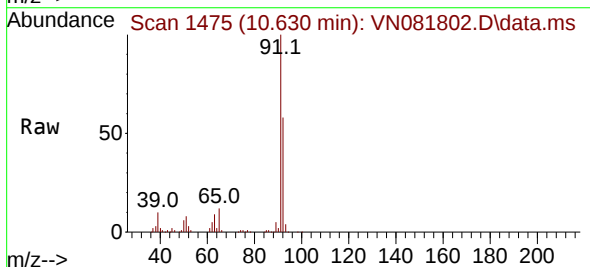
Tgt Ion:164 Resp: 54814
Ion Ratio Lower Upper
164 100
166 133.2 106.7 160.1
129 98.8 85.8 128.6
131 90.2 79.1 118.7

Manual Integrations
APPROVED

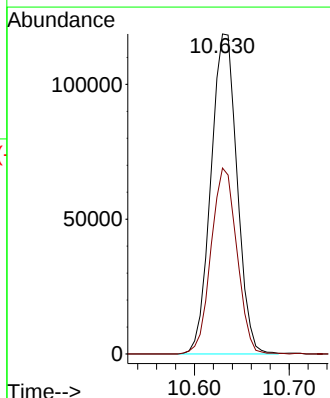
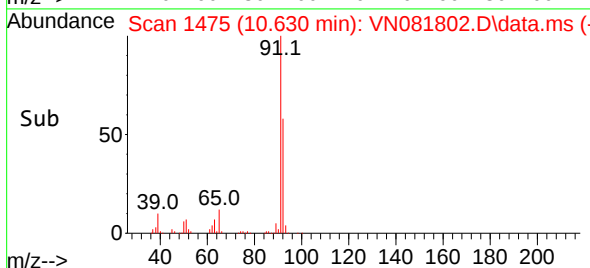
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024

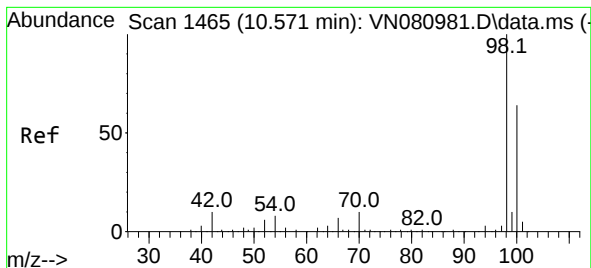


#62
Toluene
Concen: 18.741 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37



Tgt Ion: 91 Resp: 227630
Ion Ratio Lower Upper
91 100
92 57.3 46.5 69.7





#63

Toluene-d8

Concen: 30.037 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN081802.D

Acq: 19 Apr 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 98 Resp: 20115

Ion Ratio Lower Upper

98 100

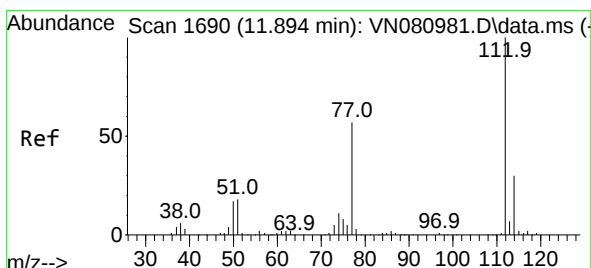
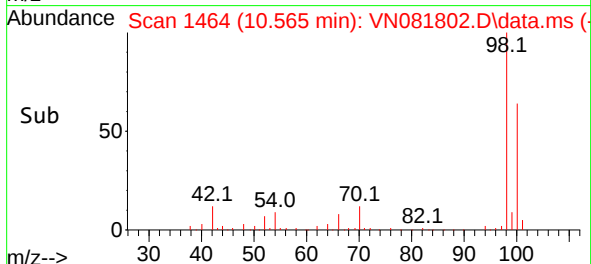
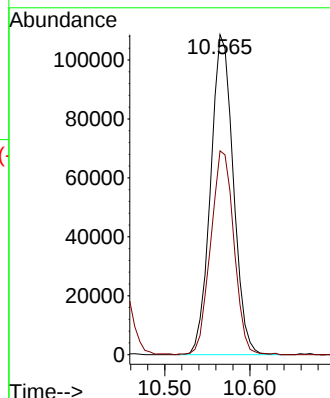
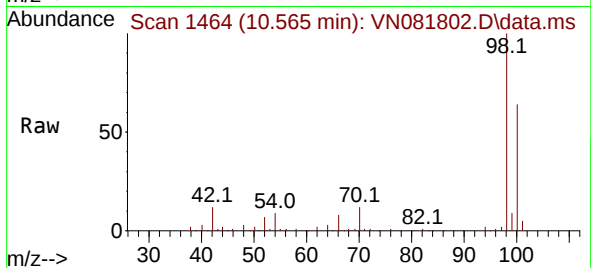
100 65.2 52.7 79.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2024

Supervised By :Mahesh Dadoda 04/22/2024



#64

Chlorobenzene

Concen: 18.846 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. 0.000 min

Lab File: VN081802.D

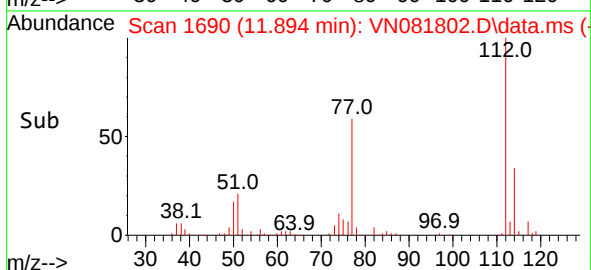
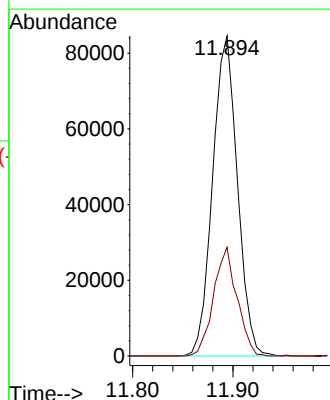
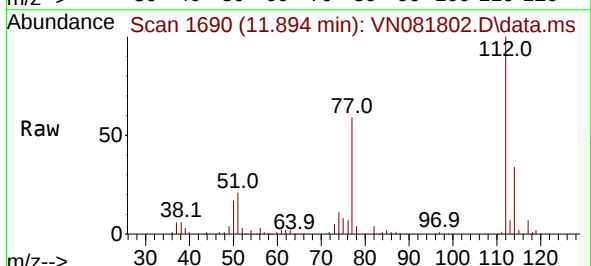
Acq: 19 Apr 2024 11:37

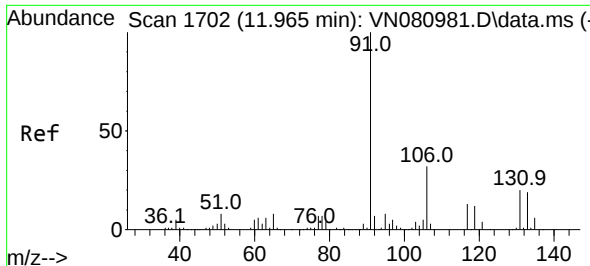
Tgt Ion:112 Resp: 145150

Ion Ratio Lower Upper

112 100

114 33.9 26.6 39.8





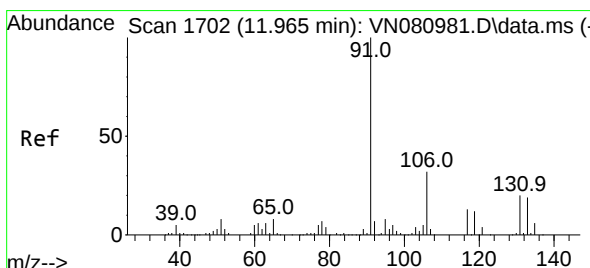
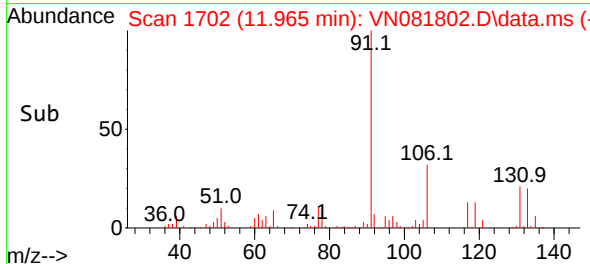
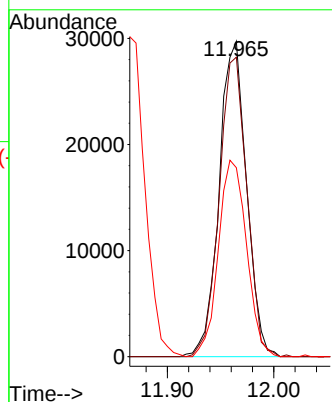
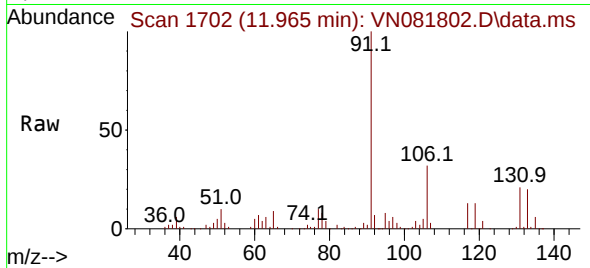
#65
1,1,1,2-Tetrachloroethane
Concen: 18.990 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:131 Resp: 53130
Ion Ratio Lower Upper
131 100
133 95.3 0.0 188.0
119 64.1 0.0 122.8

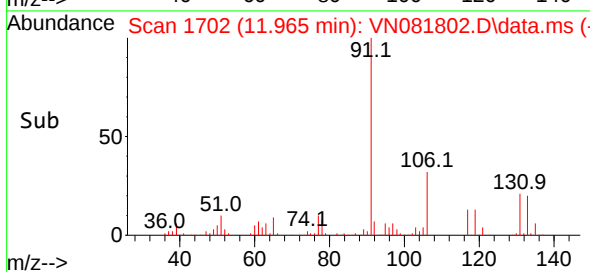
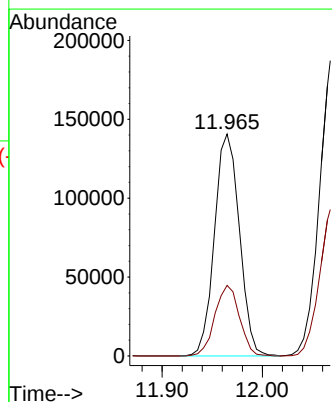
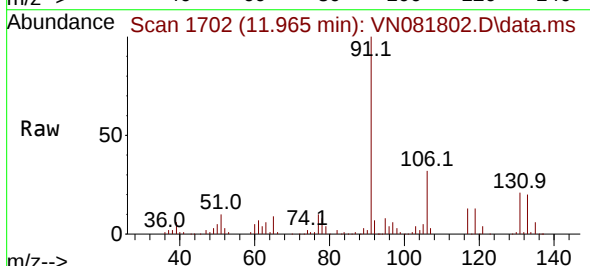
Manual Integrations
APPROVED

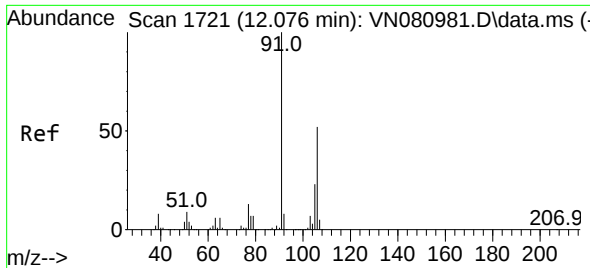
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#66
Ethyl Benzene
Concen: 18.795 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

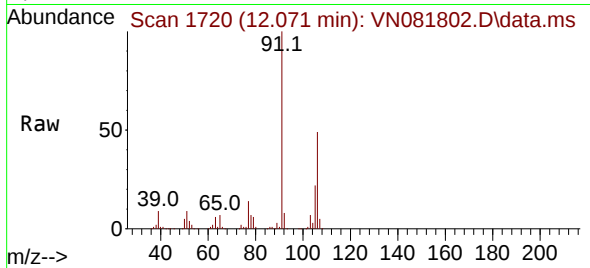
Tgt Ion: 91 Resp: 242725
Ion Ratio Lower Upper
91 100
106 31.8 24.4 36.6





#67
m/p-Xylenes
Concen: 37.590 ug/l
RT: 12.071 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

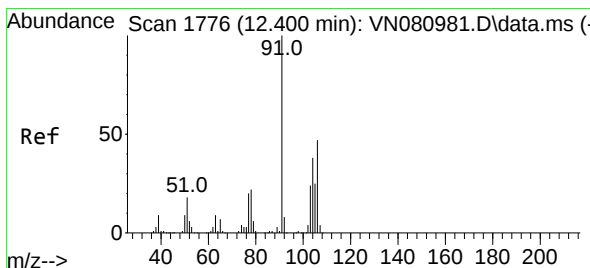
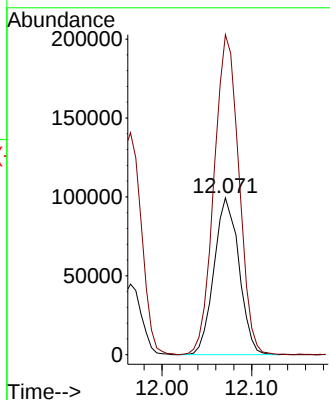
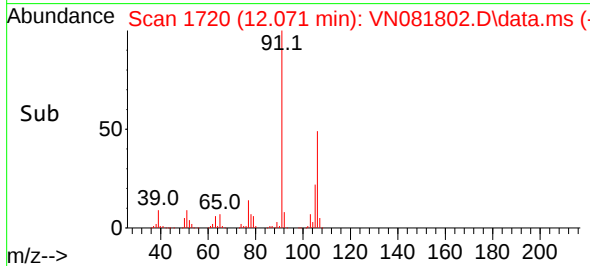
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:106 Resp: 192290
Ion Ratio Lower Upper
106 100
91 203.4 166.6 249.8

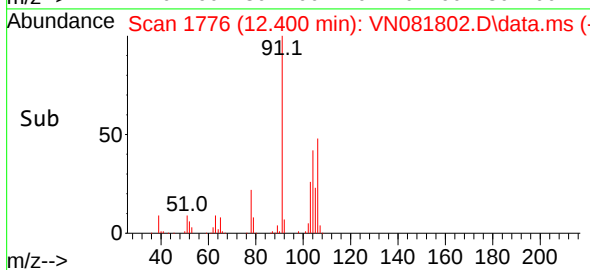
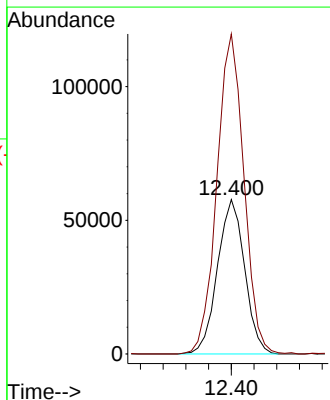
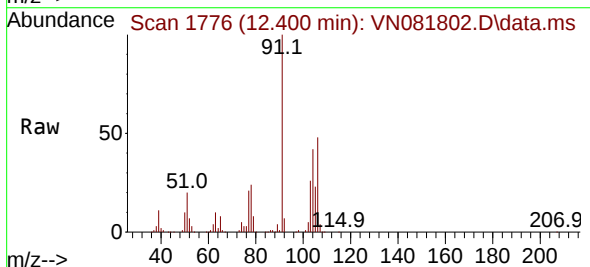
Manual Integrations
APPROVED

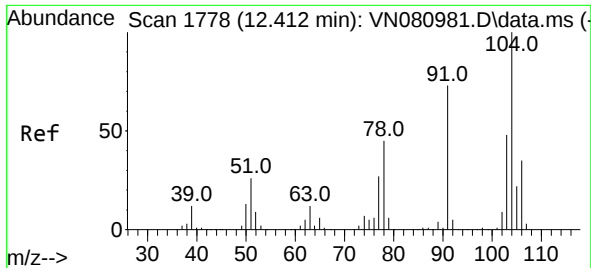
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#68
o-Xylene
Concen: 19.767 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

Tgt Ion:106 Resp: 95992
Ion Ratio Lower Upper
106 100
91 205.8 110.0 330.0





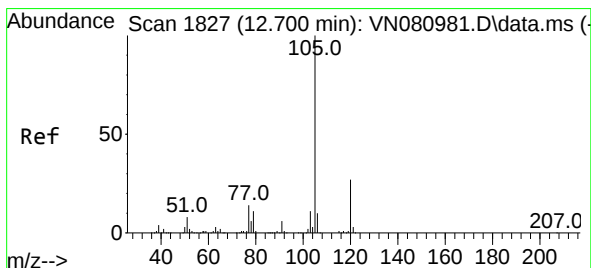
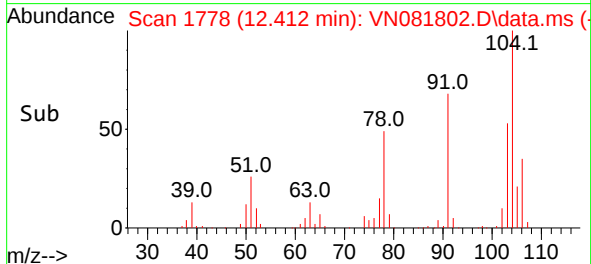
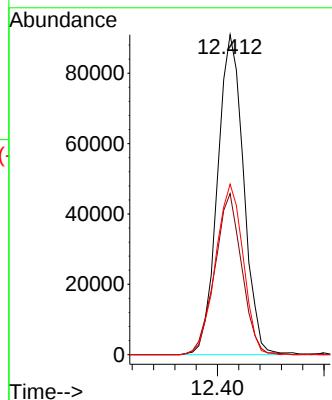
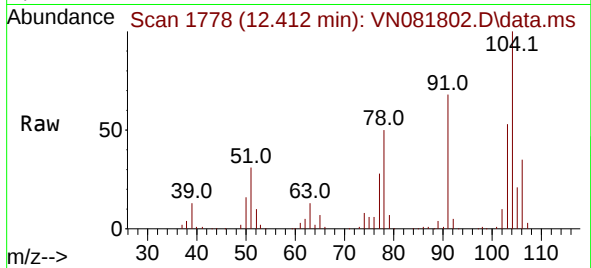
#69
Styrene
Concen: 18.698 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:104 Resp: 154639
Ion Ratio Lower Upper
104 100
78 52.1 42.6 64.0
103 56.3 43.7 65.5

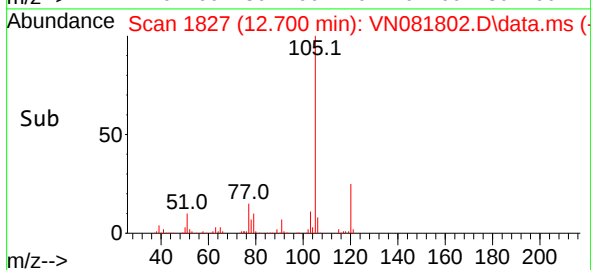
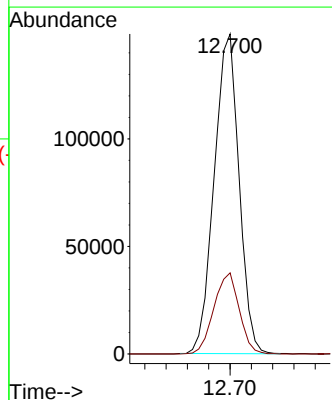
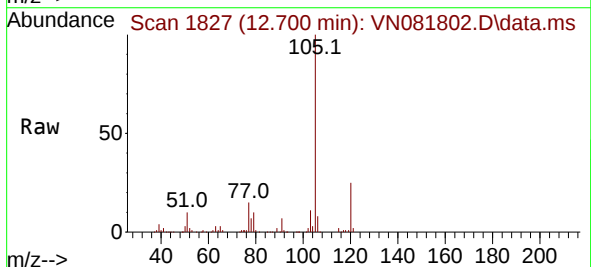
Manual Integrations
APPROVED

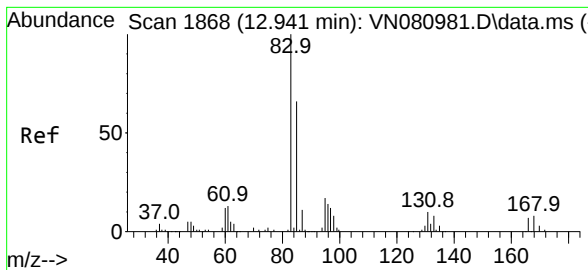
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#70
Isopropylbenzene
Concen: 19.210 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

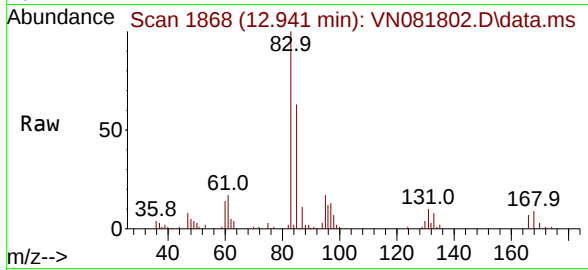
Tgt Ion:105 Resp: 240667
Ion Ratio Lower Upper
105 100
120 25.8 17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 21.535 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

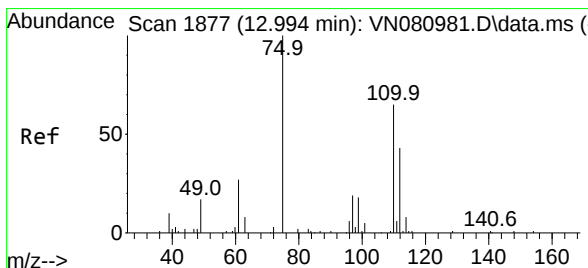
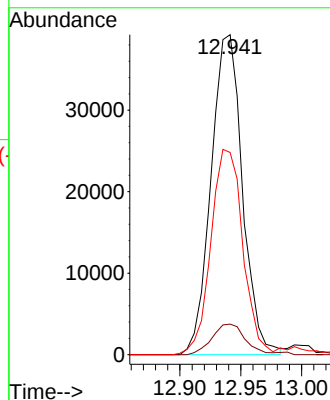
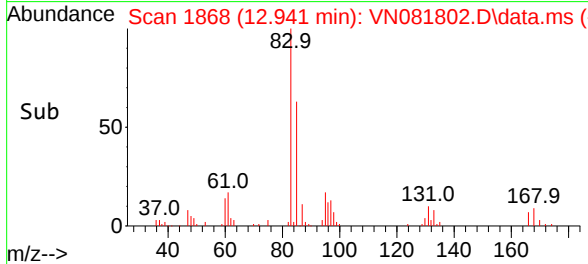
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



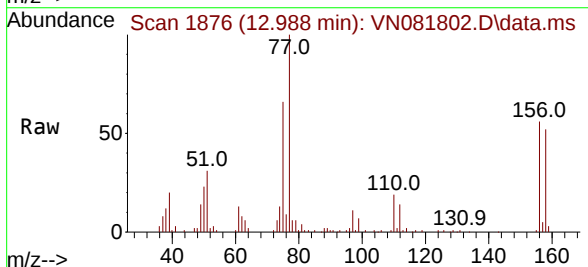
Tgt Ion: 83 Resp: 70470
Ion Ratio Lower Upper
83 100
131 10.1 5.2 15.6
85 65.0 32.3 96.8

Manual Integrations
APPROVED

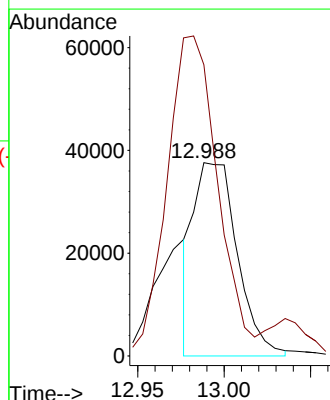
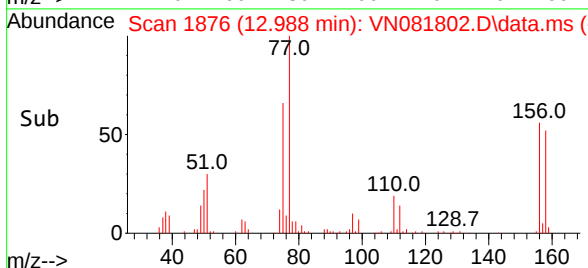
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024

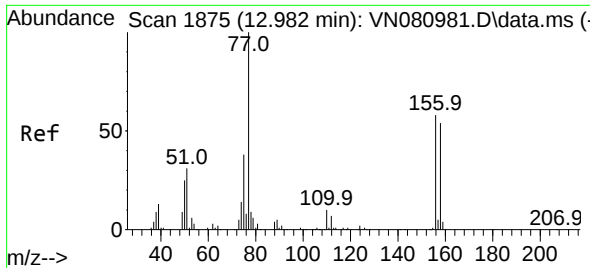


#72
1,2,3-Trichloropropane
Concen: 21.835 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37



Tgt Ion: 75 Resp: 66156
Ion Ratio Lower Upper
75 100
77 192.7 0.0 367.6





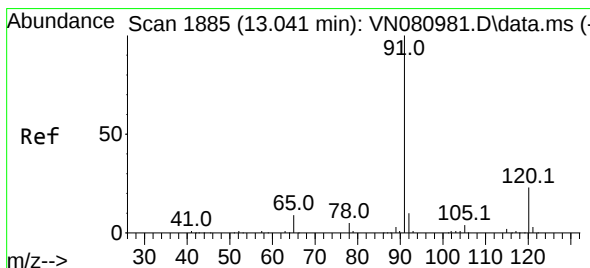
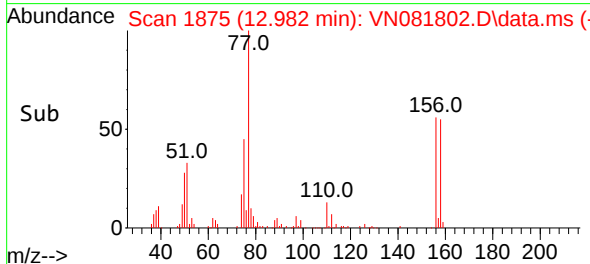
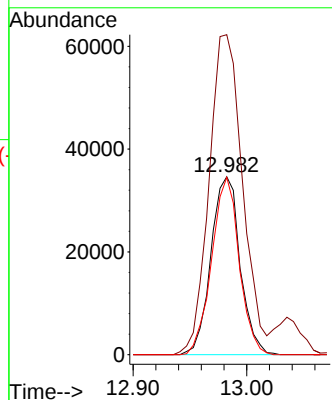
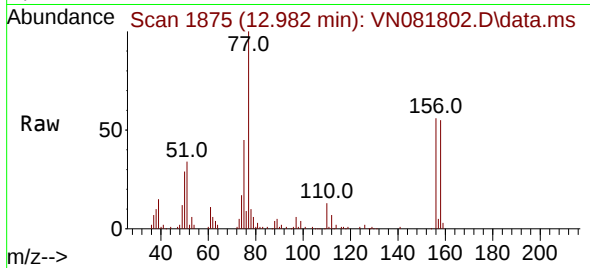
#73
Bromobenzene
Concen: 19.832 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:156 Resp: 6156
Ion Ratio Lower Upper
156 100
77 207.1 0.0 437.6
158 94.1 0.0 203.8

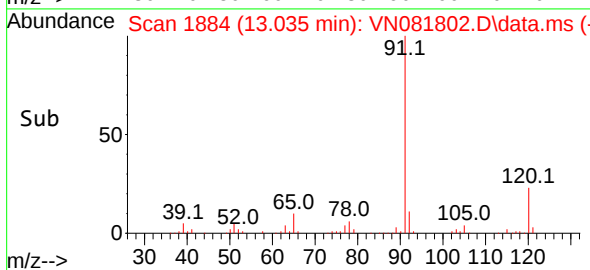
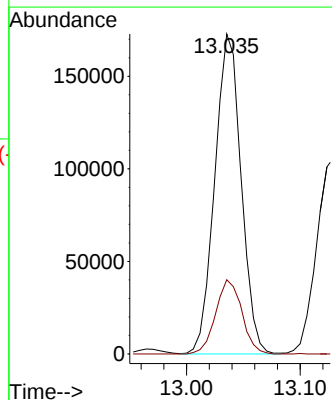
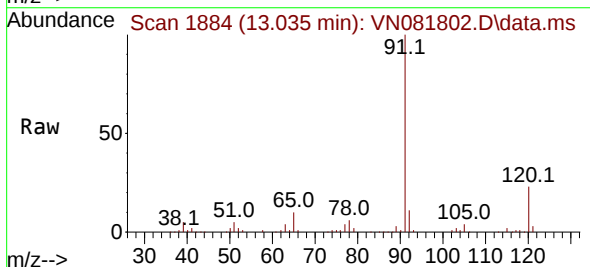
Manual Integrations
APPROVED

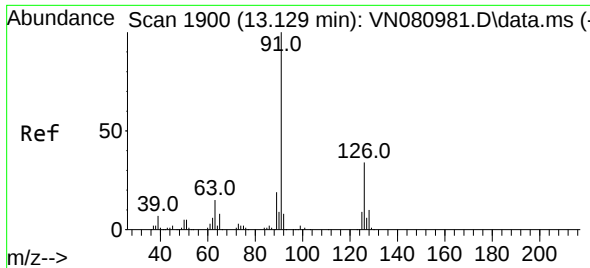
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#74
n-propylbenzene
Concen: 18.608 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

Tgt Ion: 91 Resp: 279055
Ion Ratio Lower Upper
91 100
120 23.0 0.0 43.8





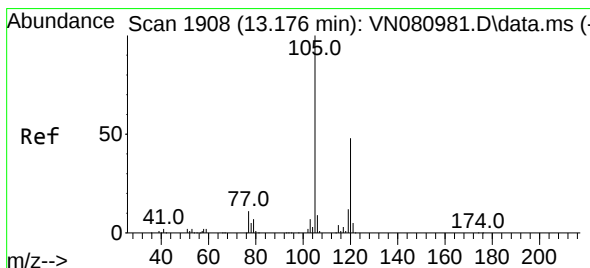
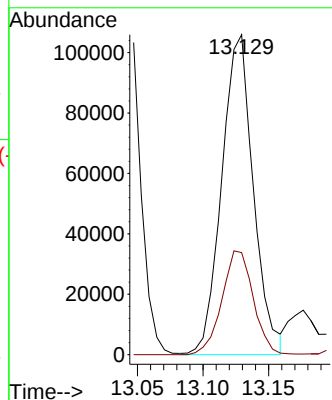
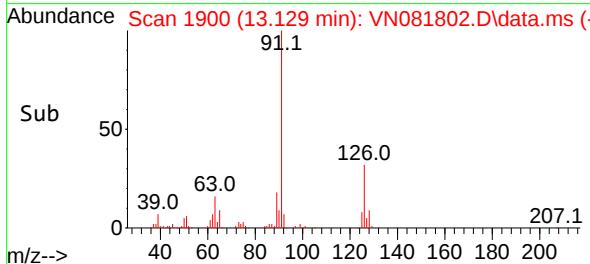
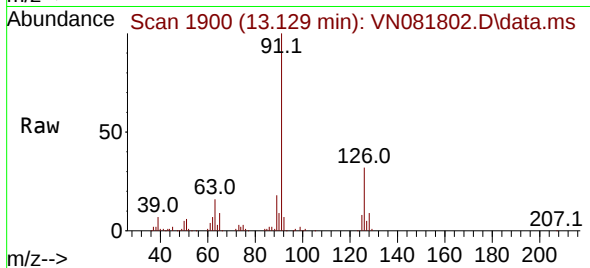
#75
2-Chlorotoluene
Concen: 19.889 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 177692
Ion Ratio Lower Upper
91 100
126 32.2 0.0 61.2

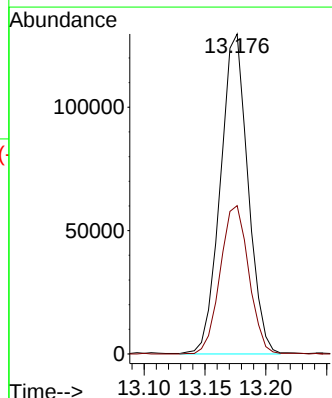
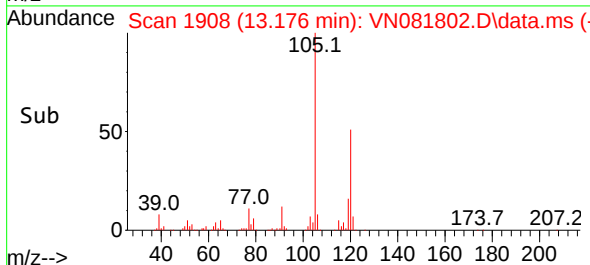
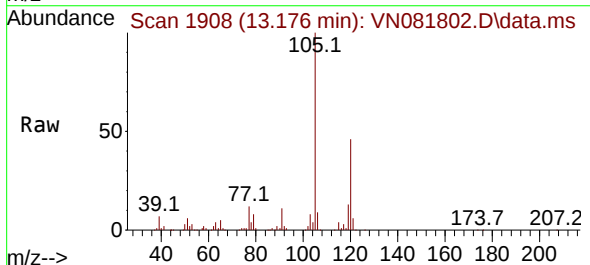
Manual Integrations
APPROVED

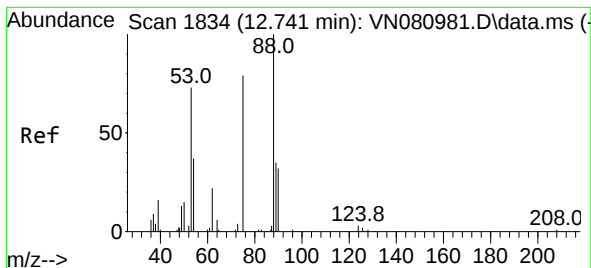
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#76
1,3,5-Trimethylbenzene
Concen: 19.258 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

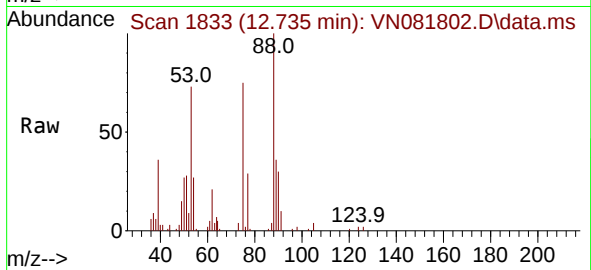
Tgt Ion:105 Resp: 204784
Ion Ratio Lower Upper
105 100
120 47.8 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 20.296 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

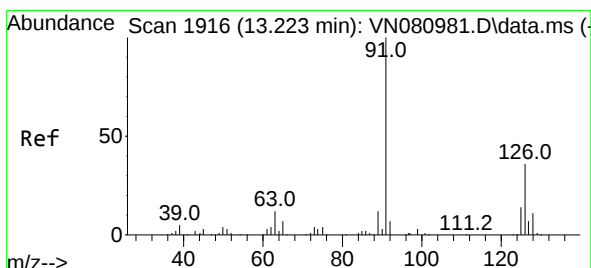
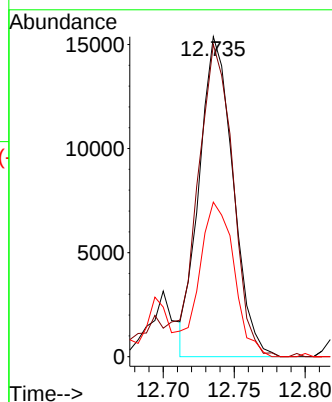
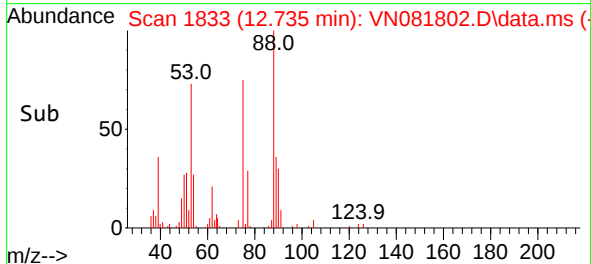
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion	Ratio	Lower	Upper
75	100		
53	97.6	45.9	137.7
89	48.3	25.9	77.7

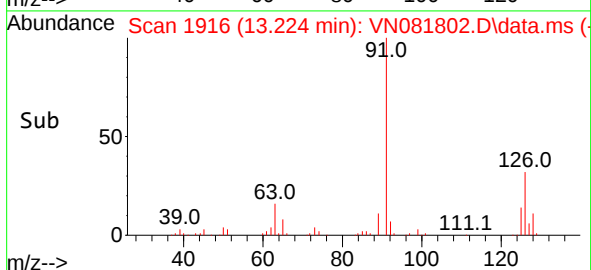
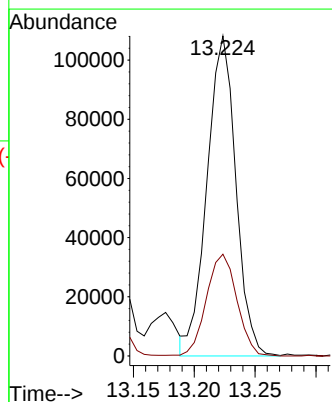
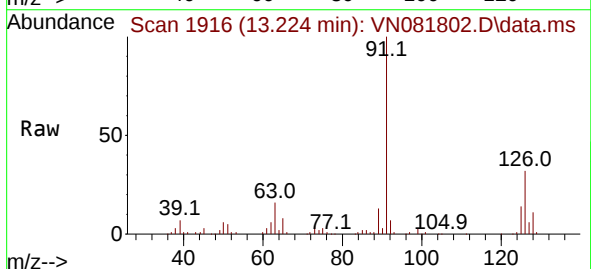
Manual Integrations
APPROVED

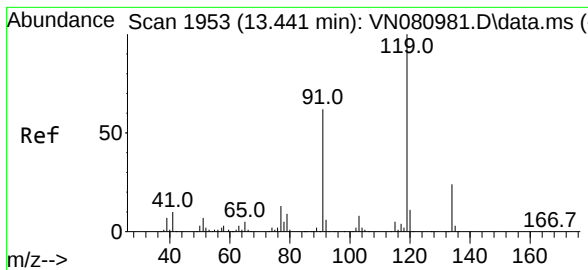
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#78
4-Chlorotoluene
Concen: 20.146 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.5	0.0	62.8





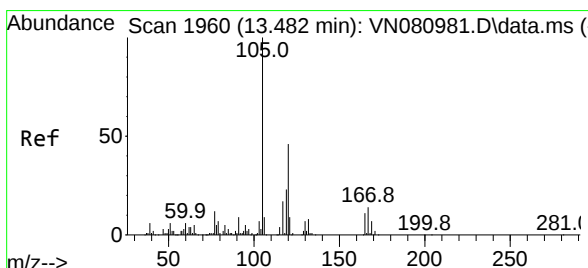
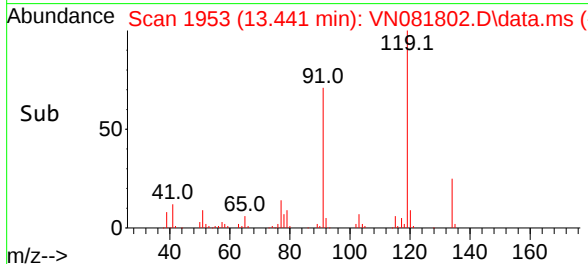
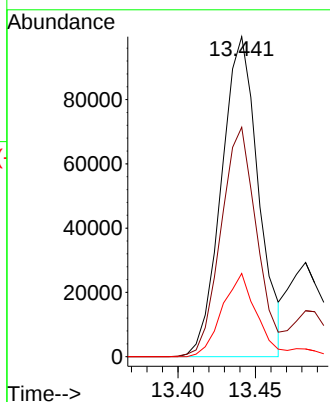
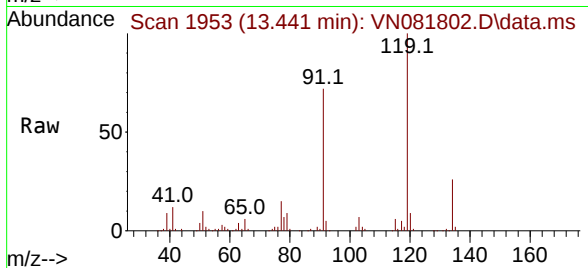
#79
tert-butylbenzene
Concen: 18.343 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:119 Resp: 165939
Ion Ratio Lower Upper
119 100
91 69.2 0.0 138.8
134 24.1 0.0 48.6

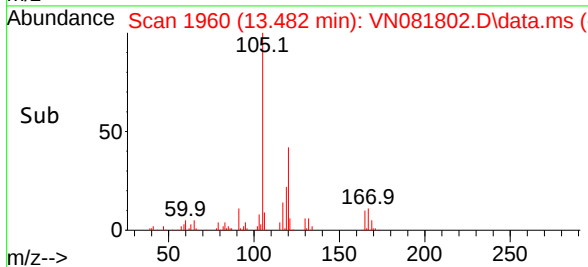
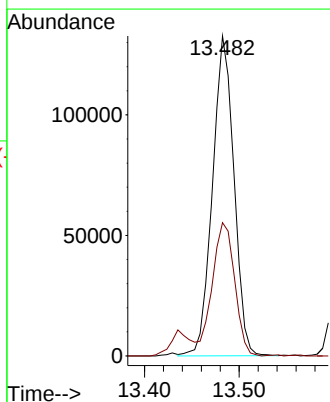
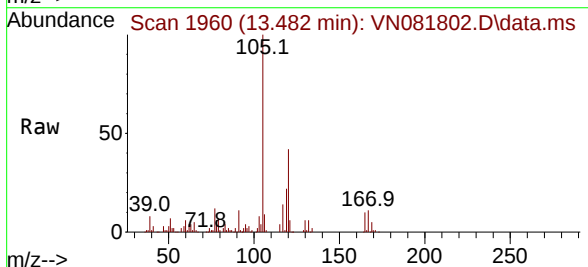
Manual Integrations
APPROVED

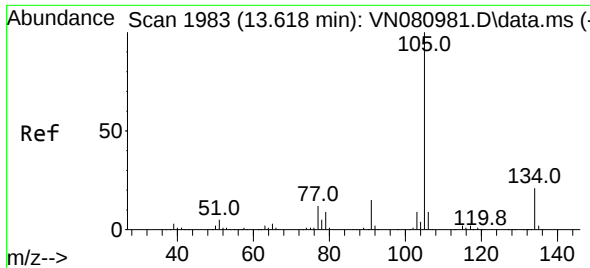
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#80
1,2,4-Trimethylbenzene
Concen: 19.674 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

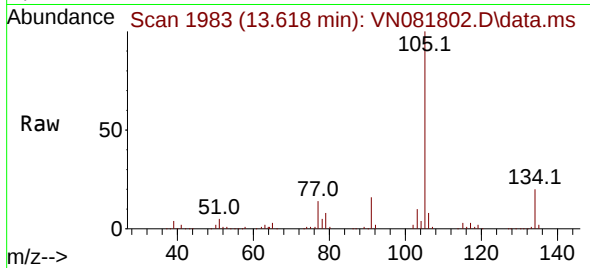
Tgt Ion:105 Resp: 208639
Ion Ratio Lower Upper
105 100
120 43.8 0.0 86.8





#81
 sec-Butylbenzene
 Concen: 17.990 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081802.D
 Acq: 19 Apr 2024 11:37

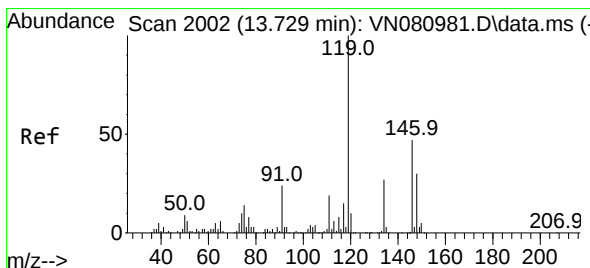
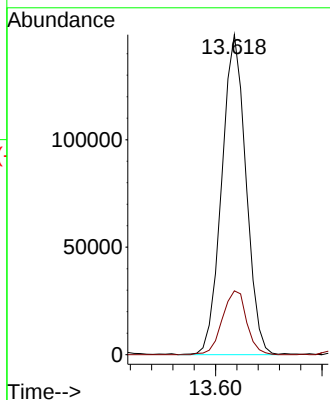
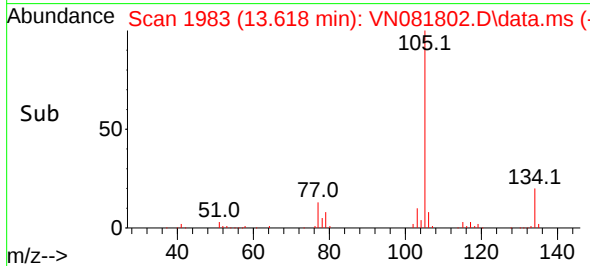
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



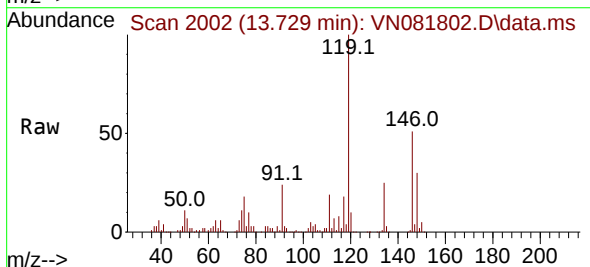
Tgt Ion:105 Resp: 23471
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 39.0

Manual Integrations
 APPROVED

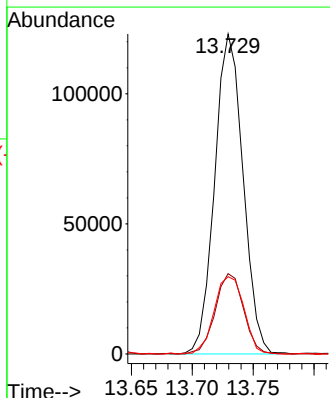
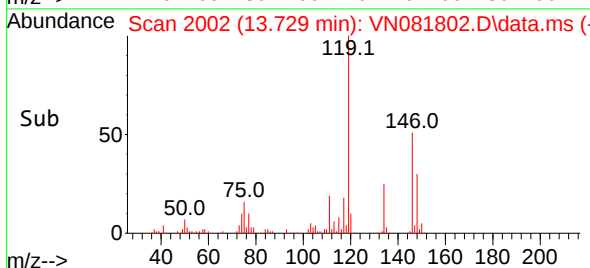
Reviewed By :John Carlone 04/22/2024
 Supervised By :Mahesh Dadoda 04/22/2024

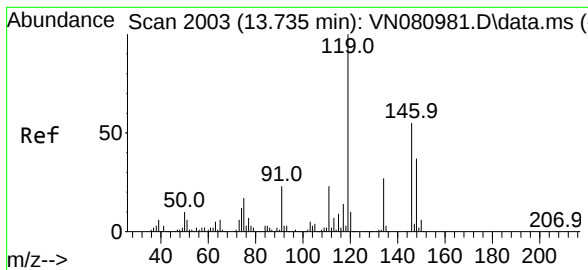


#82
 p-Isopropyltoluene
 Concen: 18.218 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081802.D
 Acq: 19 Apr 2024 11:37



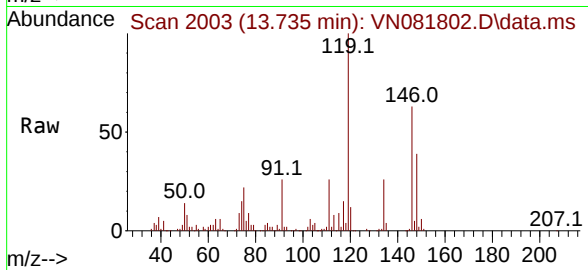
Tgt Ion:119 Resp: 199336
 Ion Ratio Lower Upper
 119 100
 134 25.0 0.0 49.2
 91 25.2 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 20.064 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

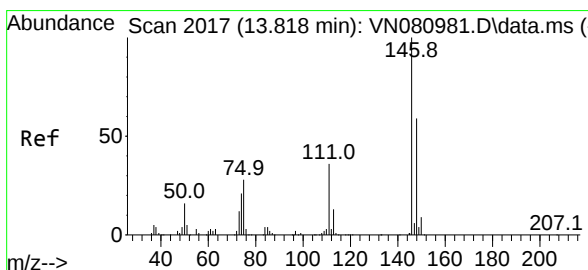
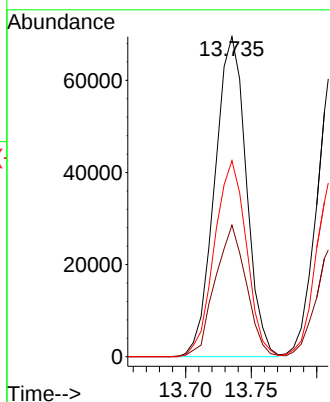
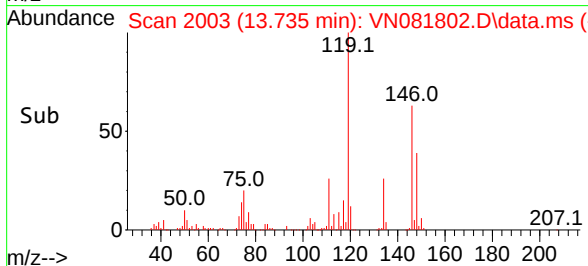
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



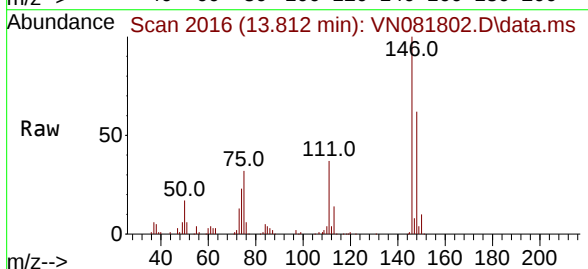
Tgt Ion:146 Resp: 11640
Ion Ratio Lower Upper
146 100
111 40.7 22.4 67.0
148 62.0 32.1 96.5

Manual Integrations
APPROVED

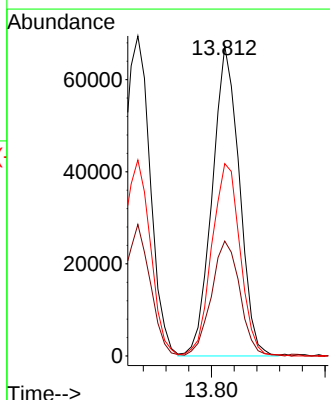
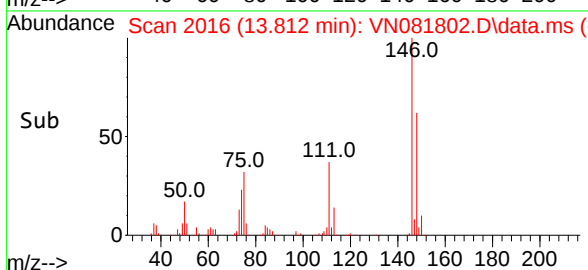
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024

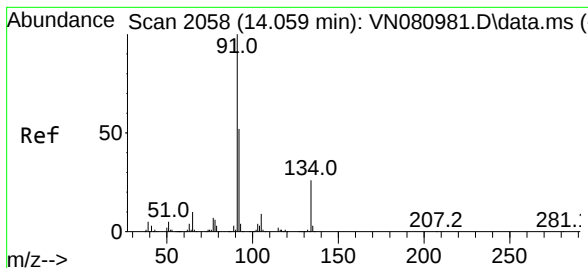


#84
1,4-Dichlorobenzene
Concen: 19.863 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37



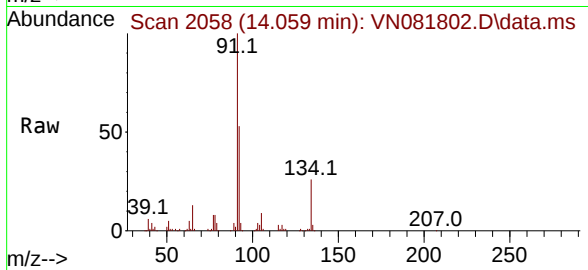
Tgt Ion:146 Resp: 111552
Ion Ratio Lower Upper
146 100
111 39.0 21.3 63.9
148 63.9 31.9 95.5





#85
n-Butylbenzene
Concen: 17.641 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

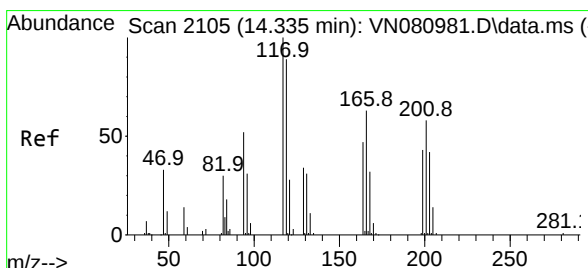
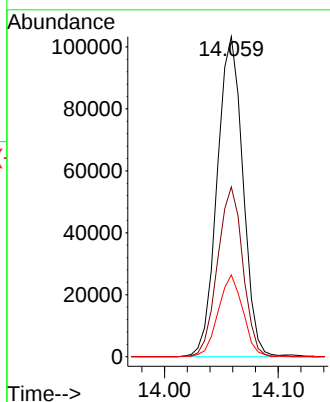
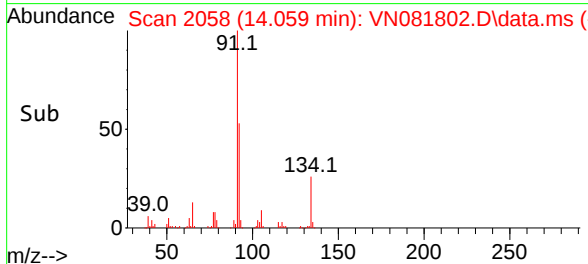
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 91 Resp: 162592
Ion Ratio Lower Upper
91 100
92 52.2 0.0 105.0
134 24.5 0.0 51.8

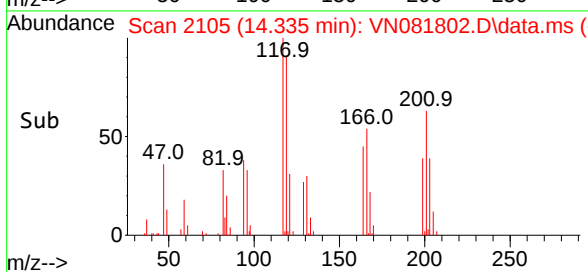
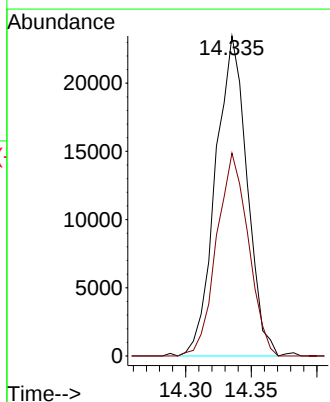
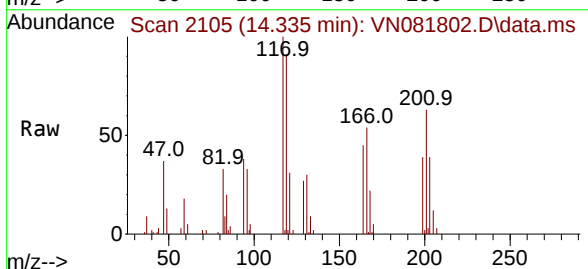
Manual Integrations
APPROVED

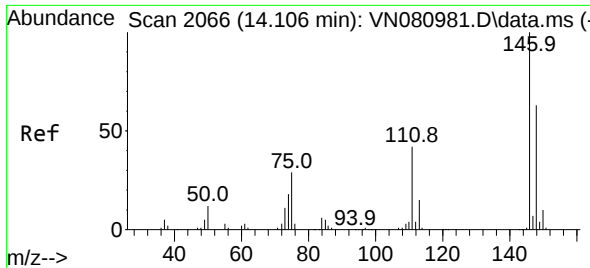
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#86
Hexachloroethane
Concen: 18.760 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

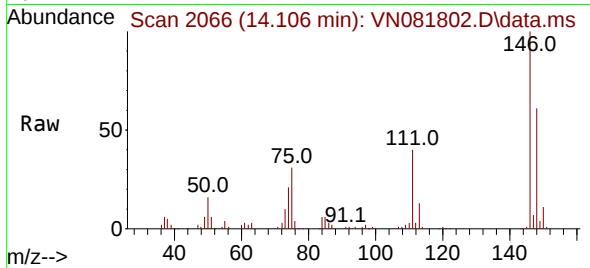
Tgt Ion:117 Resp: 39216
Ion Ratio Lower Upper
117 100
201 63.8 38.0 114.0





#87
1,2-Dichlorobenzene
Concen: 20.421 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

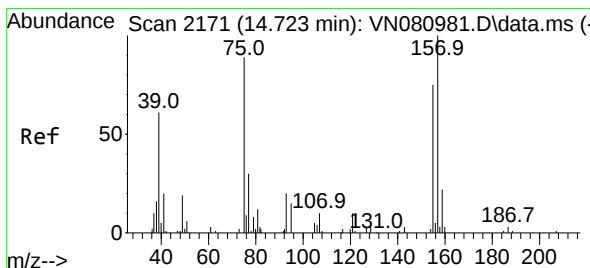
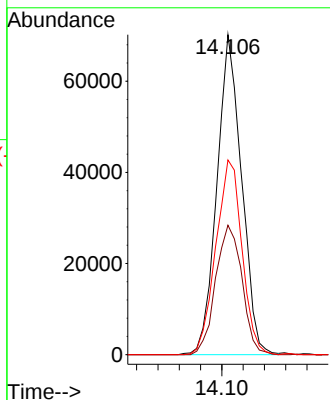
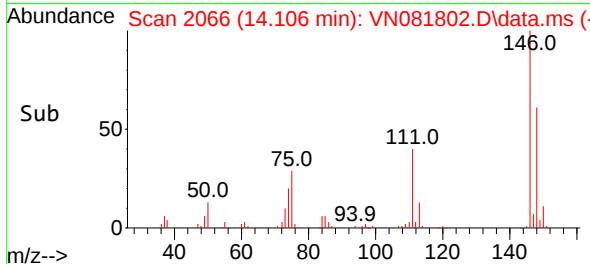
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



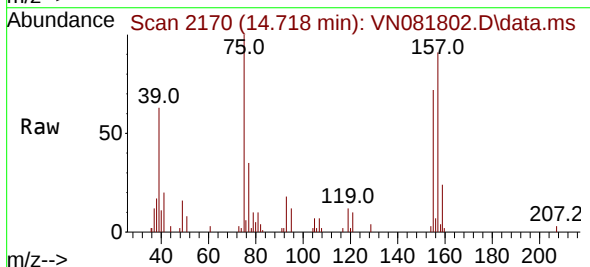
Tgt Ion:146 Resp: 112770
Ion Ratio Lower Upper
146 100
111 43.2 22.6 67.8
148 64.6 31.3 93.8

Manual Integrations
APPROVED

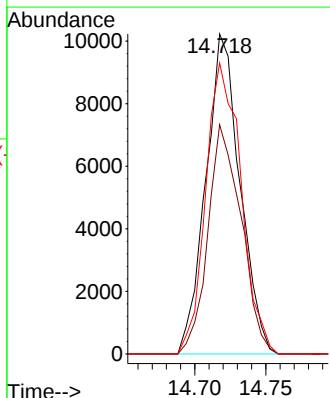
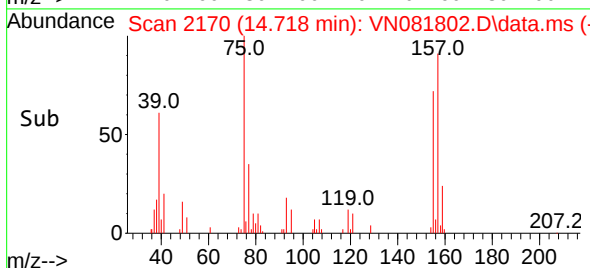
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024

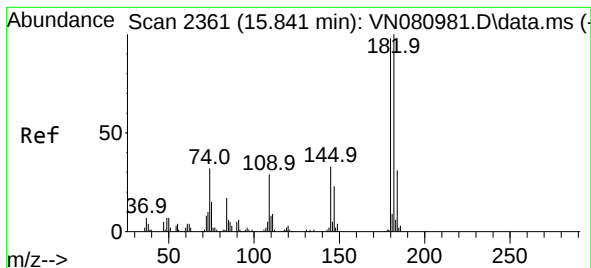


#88
1,2-Dibromo-3-Chloropropane
Concen: 23.957 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37



Tgt Ion: 75 Resp: 17092
Ion Ratio Lower Upper
75 100
155 69.6 61.7 92.5
157 93.9 83.6 125.4





#89

1,2,4-Trichlorobenzene

Concen: 19.302 ug/l

RT: 15.841 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN081802.D

Acq: 19 Apr 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

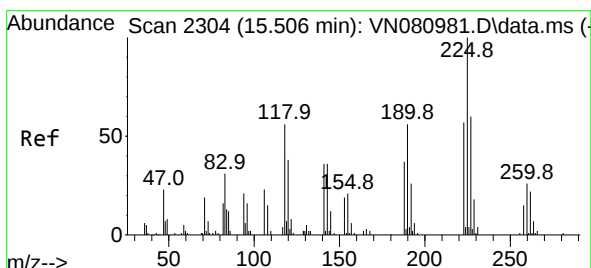
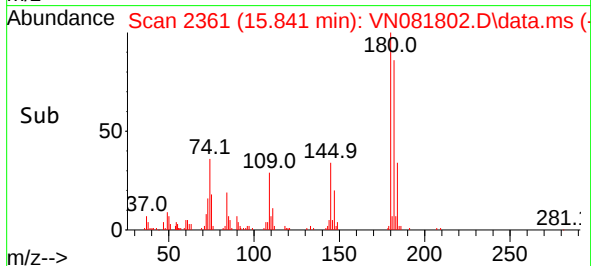
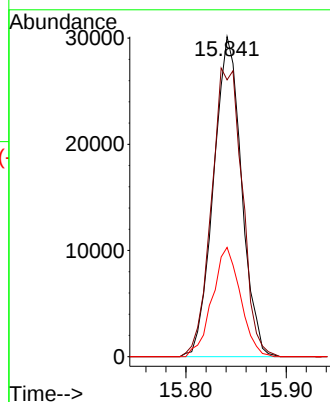
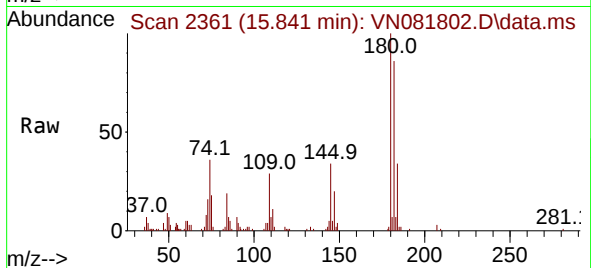
Tgt Ion:	180	Resp:	58424
Ion Ratio	Lower	Upper	
180	100		
182	98.9	76.4	114.6
145	34.4	28.4	42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2024

Supervised By :Mahesh Dadoda 04/22/2024



#90

Hexachlorobutadiene

Concen: 18.351 ug/l

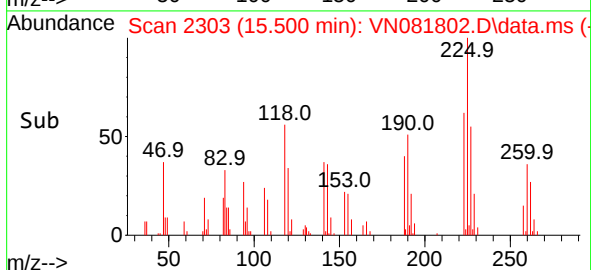
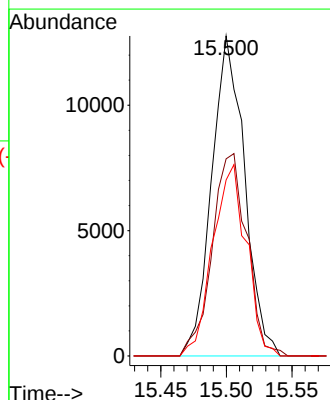
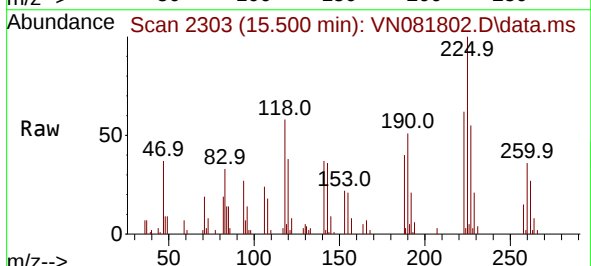
RT: 15.500 min Scan# 2303

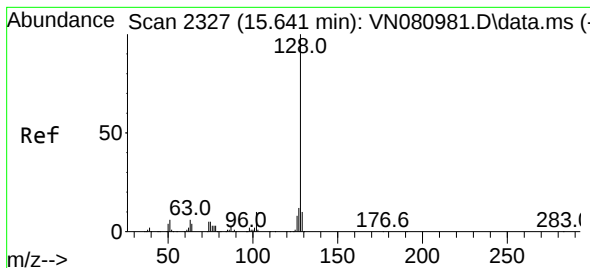
Delta R.T. -0.006 min

Lab File: VN081802.D

Acq: 19 Apr 2024 11:37

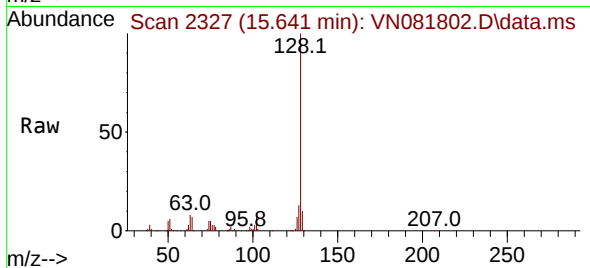
Tgt Ion:	225	Resp:	22259
Ion Ratio	Lower	Upper	
225	100		
223	66.6	0.0	126.6
227	61.1	0.0	126.6





#91
Naphthalene
Concen: 19.983 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

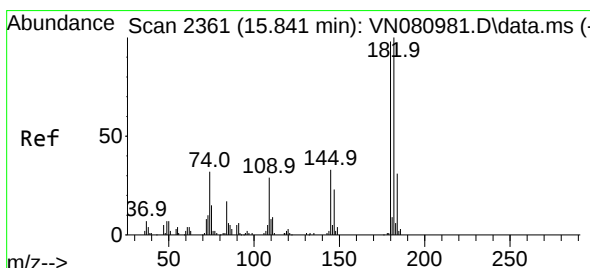
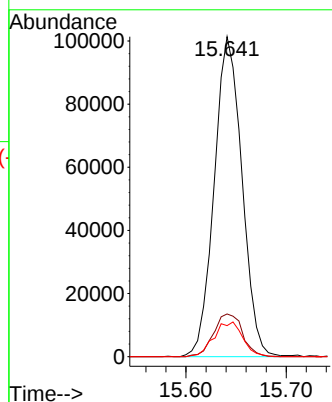
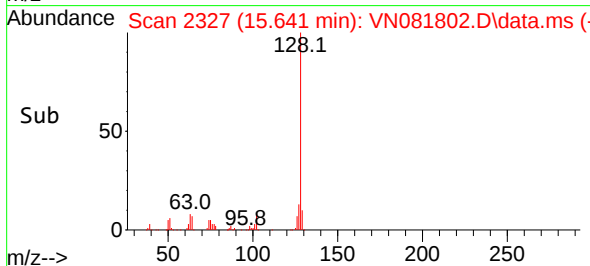
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 19446
Ion Ratio Lower Upper
128 100
127 13.9 10.6 16.0
129 11.3 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#92
1,2,3-Trichlorobenzene
Concen: 19.302 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN081802.D
Acq: 19 Apr 2024 11:37

Tgt Ion:180 Resp: 58424
Ion Ratio Lower Upper
180 100
182 98.9 0.0 191.0
145 34.4 0.0 71.0

