

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012324\
 Data File : VN080756.D
 Acq On : 23 Jan 2024 12:12
 Operator : JC\MD
 Sample : VN0123WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0123WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/24/2024
 Supervised By : Mahesh Dadoda 01/24/2024

Quant Time: Jan 24 01:56:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	131110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	268421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	229817	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	86047	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	105793	45.949	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.900%
35) Dibromofluoromethane	8.165	113	74351	48.751	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.500%
50) Toluene-d8	10.565	98	302331	51.989	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.980%
62) 4-Bromofluorobenzene	12.853	95	103619	46.465	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.940%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	33339	15.652	ug/l	93
3) Chloromethane	2.365	50	54376	22.542	ug/l	99
4) Vinyl Chloride	2.518	62	41545	21.497	ug/l	94
5) Bromomethane	2.953	94	17876	24.336	ug/l	90
6) Chloroethane	3.130	64	23146	22.150	ug/l	93
7) Trichlorofluoromethane	3.500	101	51251	16.059	ug/l	93
8) Diethyl Ether	3.959	74	25740	18.455	ug/l	# 49
9) 1,1,2-Trichlorotrifluo...	4.377	101	31463	18.088	ug/l	90
10) Methyl Iodide	4.589	142	24900	17.119	ug/l	# 88
11) Tert butyl alcohol	5.506	59	28899	74.217	ug/l	97
12) 1,1-Dichloroethene	4.336	96	32419	16.562	ug/l	83
13) Acrolein	4.177	56	32126	98.743	ug/l	97
14) Allyl chloride	5.024	41	70270	18.109	ug/l	# 89
15) Acrylonitrile	5.712	53	101065	99.394	ug/l	99
16) Acetone	4.424	43	67149	88.833	ug/l	97
17) Carbon Disulfide	4.712	76	98945	16.526	ug/l	98
18) Methyl Acetate	5.024	43	47201	20.970	ug/l	# 81
19) Methyl tert-butyl Ether	5.789	73	126914	18.816	ug/l	# 78
20) Methylene Chloride	5.277	84	42925	19.452	ug/l	# 73
21) trans-1,2-Dichloroethene	5.783	96	35897	18.079	ug/l	# 80
22) Diisopropyl ether	6.665	45	157782	21.563	ug/l	# 89
23) Vinyl Acetate	6.594	43	600540	100.837	ug/l	# 83
24) 1,1-Dichloroethane	6.571	63	79977	19.967	ug/l	96
25) 2-Butanone	7.483	43	128438	94.000	ug/l	# 82
26) 2,2-Dichloropropane	7.488	77	60952	17.400	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	45458	20.769	ug/l	83
28) Bromochloromethane	7.812	49	38104	20.349	ug/l	# 60
29) Tetrahydrofuran	7.835	42	89902	97.618	ug/l	# 69
30) Chloroform	7.971	83	72226	19.235	ug/l	93
31) Cyclohexane	8.253	56	67006	18.837	ug/l	# 82
32) 1,1,1-Trichloroethane	8.165	97	56480	16.897	ug/l	# 94
36) 1,1-Dichloropropene	8.371	75	54415	17.418	ug/l	92
37) Ethyl Acetate	7.559	43	59122	19.516	ug/l	# 91
38) Carbon Tetrachloride	8.359	117	45628	16.267	ug/l	91
39) Methylcyclohexane	9.606	83	52256	17.479	ug/l	# 75
40) Benzene	8.606	78	175783	20.015	ug/l	94

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	35095	19.972	ug/l #	75
42) 1,2-Dichloroethane	8.671	62	58070	17.271	ug/l	95
43) Isopropyl Acetate	8.688	43	105072	18.869	ug/l #	87
44) Trichloroethene	9.353	130	35788	18.000	ug/l	95
45) 1,2-Dichloropropane	9.624	63	49237	21.147	ug/l	96
46) Dibromomethane	9.706	93	27467	18.645	ug/l	95
47) Bromodichloromethane	9.888	83	57331	17.534	ug/l	96
48) Methyl methacrylate	9.682	41	47879	18.161	ug/l #	75
49) 1,4-Dioxane	9.694	88	11512	350.447	ug/l #	72
51) 4-Methyl-2-Pentanone	10.441	43	285758	95.122	ug/l #	85
52) Toluene	10.635	92	99803	19.834	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	64904	17.884	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	74644	19.395	ug/l #	80
55) 1,1,2-Trichloroethane	11.018	97	38873	20.071	ug/l	95
56) Ethyl methacrylate	10.871	69	64083	18.473	ug/l #	76
57) 1,3-Dichloropropane	11.165	76	72764	20.579	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	151324	91.074	ug/l #	85
59) 2-Hexanone	11.194	43	206472	93.103	ug/l	85
60) Dibromochloromethane	11.359	129	36002	18.087	ug/l	99
61) 1,2-Dibromoethane	11.470	107	35710	18.756	ug/l	97
64) Tetrachloroethene	11.106	164	27285	17.288	ug/l	93
65) Chlorobenzene	11.888	112	92962	18.515	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	32139	18.028	ug/l	94
67) Ethyl Benzene	11.965	91	174556	18.206	ug/l	96
68) m/p-Xylenes	12.070	106	129664	38.468	ug/l	93
69) o-Xylene	12.400	106	63129	19.155	ug/l	92
70) Styrene	12.412	104	104826	18.731	ug/l	94
71) Bromoform	12.582	173	20690	16.870	ug/l #	98
73) Isopropylbenzene	12.694	105	149668	18.291	ug/l	98
74) N-amyl acetate	12.494	43	92119	18.760	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.941	83	50055	18.649	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	45271m	17.062	ug/l	
77) Bromobenzene	12.982	156	30327	17.450	ug/l	64
78) n-propylbenzene	13.035	91	180584	17.991	ug/l	97
79) 2-Chlorotoluene	13.123	91	113638	17.666	ug/l	93
80) 1,3,5-Trimethylbenzene	13.170	105	124353	18.236	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	18005	15.997	ug/l #	86
82) 4-Chlorotoluene	13.223	91	115349	18.291	ug/l	92
83) tert-Butylbenzene	13.435	119	94748	17.380	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	121243	18.081	ug/l	100
85) sec-Butylbenzene	13.617	105	143984	18.589	ug/l	95
86) p-Isopropyltoluene	13.729	119	107434	17.562	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	56290	18.134	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	56907	17.995	ug/l	96
89) n-Butylbenzene	14.059	91	104322	17.692	ug/l	97
90) Hexachloroethane	14.329	117	17573	15.490	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	55190	18.868	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8402	13.403	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	24805	16.283	ug/l	94
94) Hexachlorobutadiene	15.500	225	10205	13.959	ug/l	90
95) Naphthalene	15.641	128	94617	15.781	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	24744	16.780	ug/l	98

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VN0123WBSD01

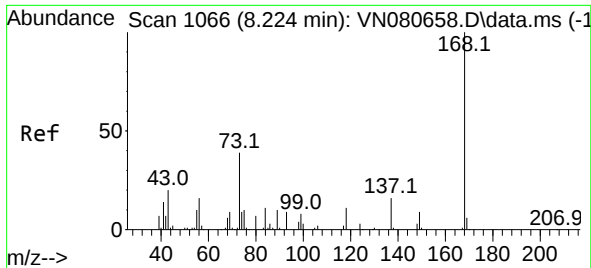
Manual Integrations
APPROVED

Reviewed By : John Carlone 01/24/2024
Supervised By : Mahesh Dadoda 01/24/2024

Quant Time: Jan 24 01:56:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 06:34:36 2024
Response via : Initial Calibration

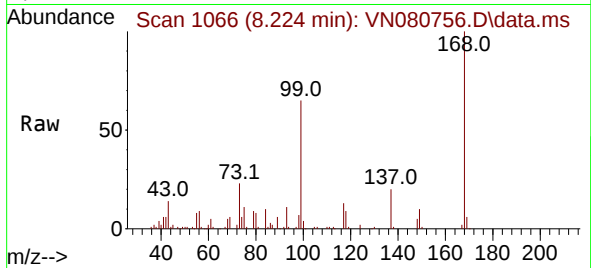
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

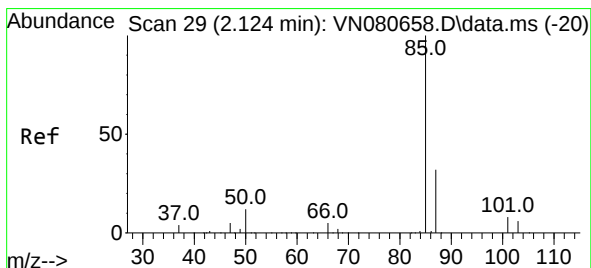
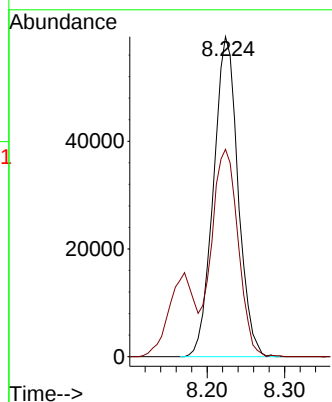
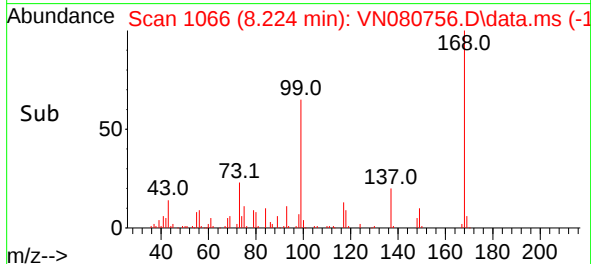
Instrument :
MSVOA_N
ClientSampleId :
VN0123WBSD01



Tgt Ion:168 Resp: 131110
Ion Ratio Lower Upper
168 100
99 64.5 53.0 79.6

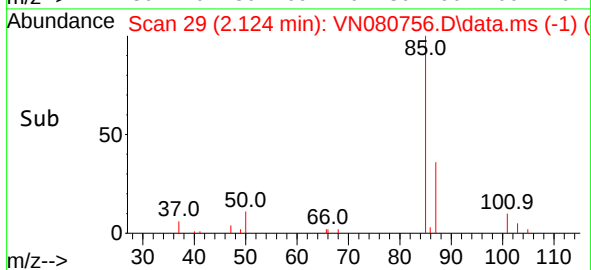
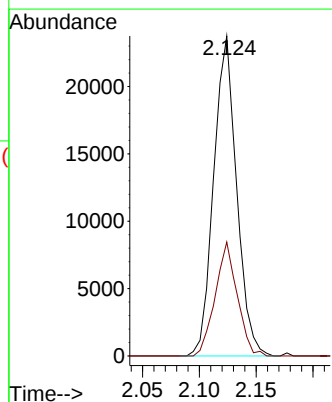
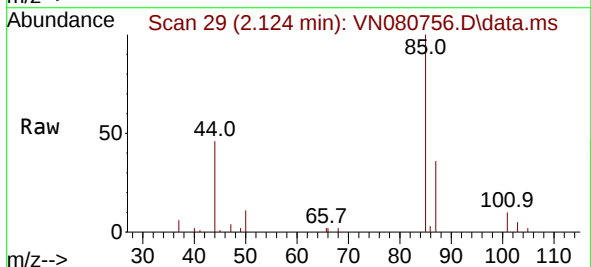
Manual Integrations
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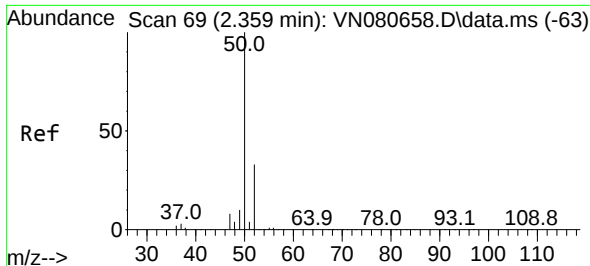
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#2
Dichlorodifluoromethane
Concen: 15.652 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

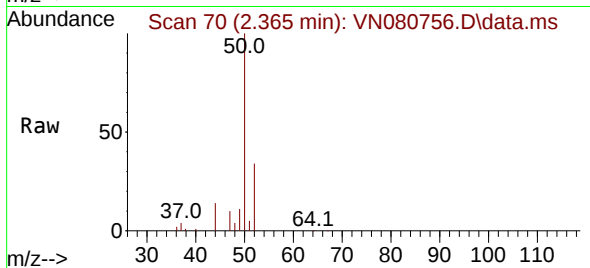
Tgt Ion: 85 Resp: 33339
Ion Ratio Lower Upper
85 100
87 35.6 15.8 47.4





#3
Chloromethane
Concen: 22.542 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

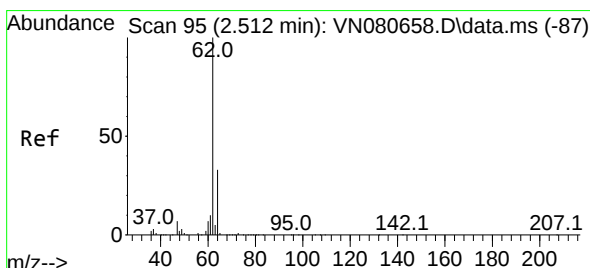
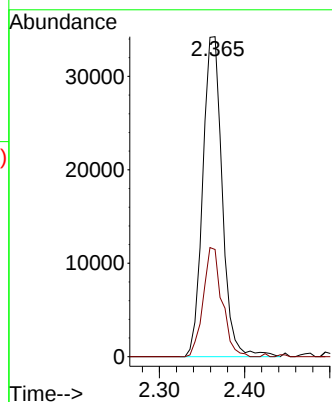
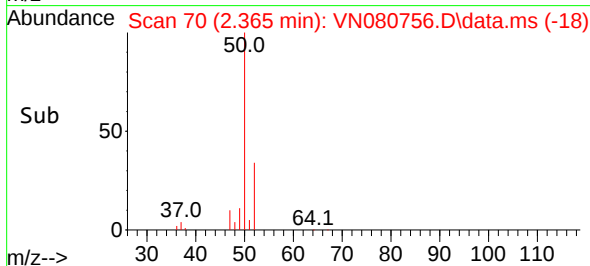
Instrument :
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ClientSampleId :
VN0123WBSD01



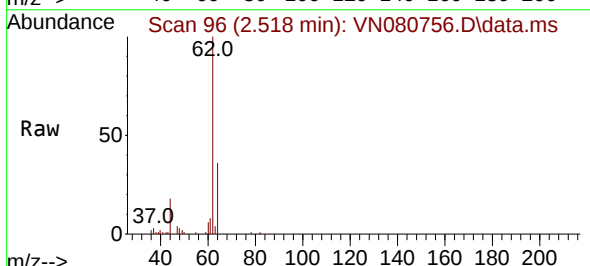
Tgt Ion: 50 Resp: 54370
Ion Ratio Lower Upper
50 100
52 33.5 26.5 39.7

Manual Integrations
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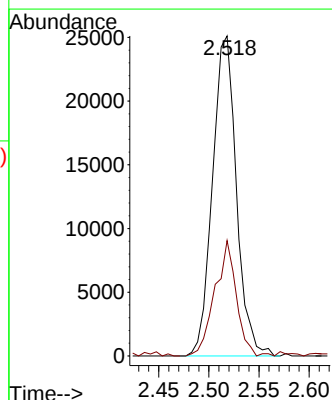
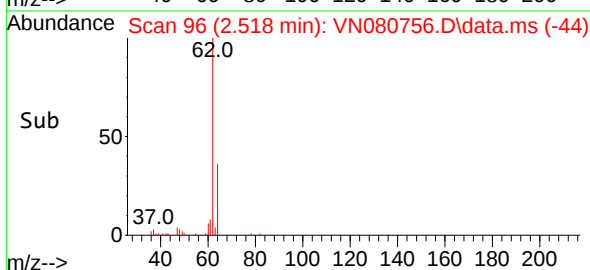
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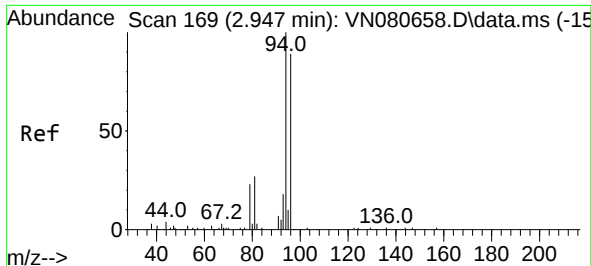


#4
Vinyl Chloride
Concen: 21.497 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12



Tgt Ion: 62 Resp: 41545
Ion Ratio Lower Upper
62 100
64 36.0 26.2 39.2





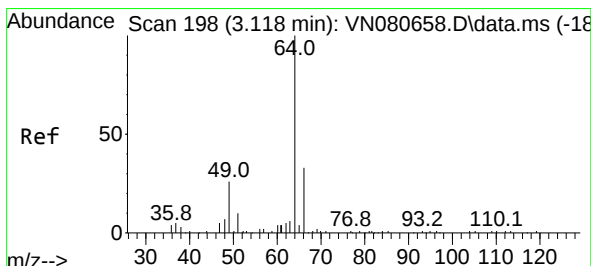
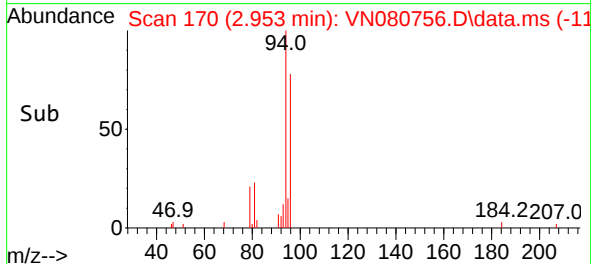
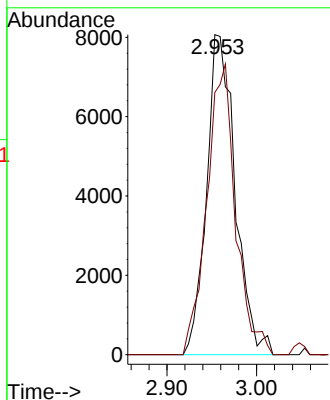
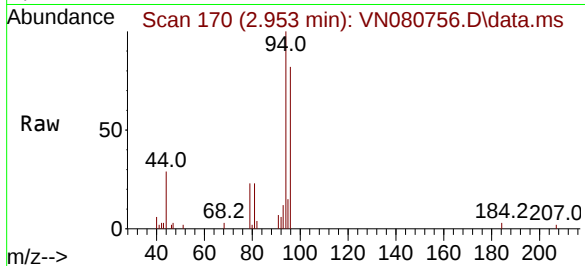
#5
Bromomethane
Concen: 24.336 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0123WBSD01

Tgt Ion: 94 Resp: 17870
Ion Ratio Lower Upper
94 100
96 82.0 73.1 109.7

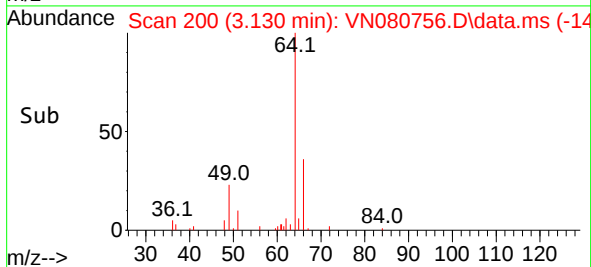
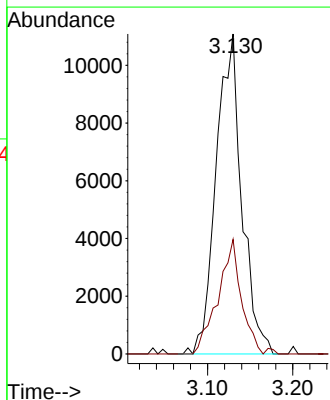
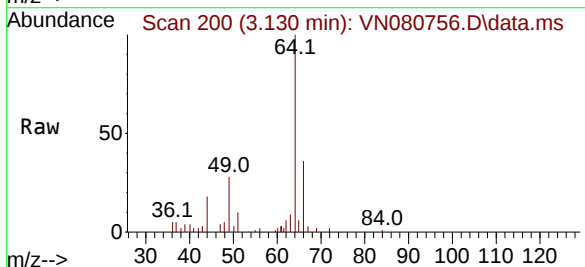
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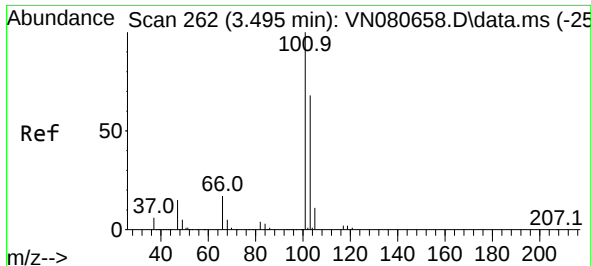
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#6
Chloroethane
Concen: 22.150 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

Tgt Ion: 64 Resp: 23146
Ion Ratio Lower Upper
64 100
66 35.8 25.4 38.2





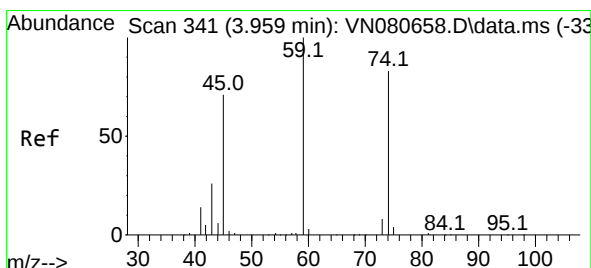
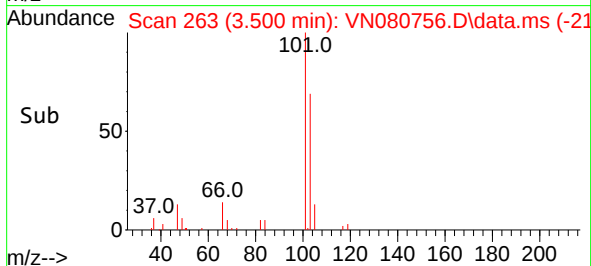
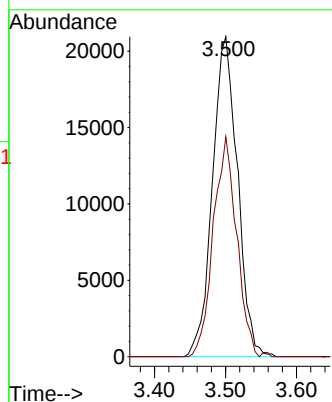
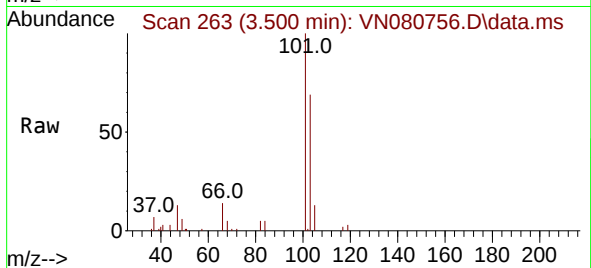
#7
Trichlorofluoromethane
Concen: 16.059 ug/l
RT: 3.500 min Scan# 262
Delta R.T. 0.006 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0123WBSD01

Tgt Ion:101 Resp: 5125
Ion Ratio Lower Upper
101 100
103 68.7 50.7 76.1

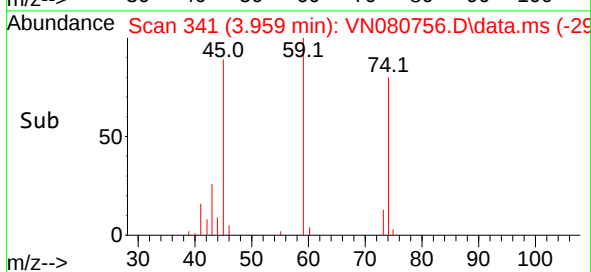
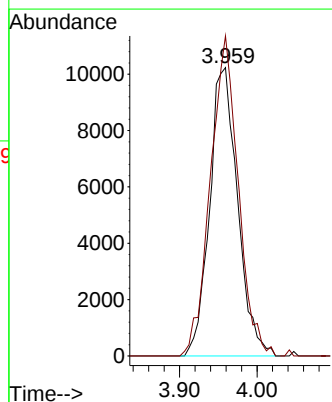
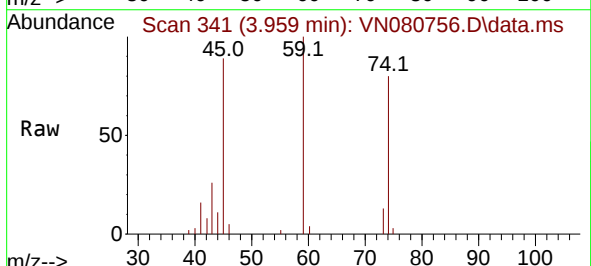
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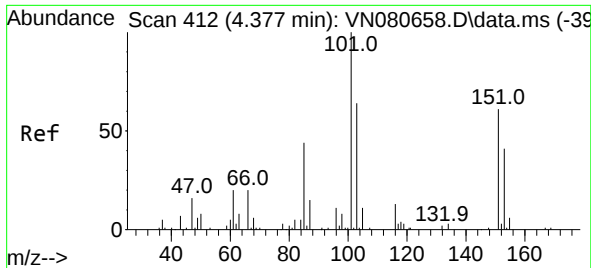
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#8
Diethyl Ether
Concen: 18.455 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

Tgt Ion: 74 Resp: 25740
Ion Ratio Lower Upper
74 100
45 110.4 34.4 103.3#





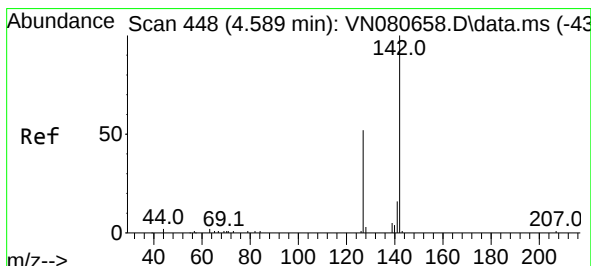
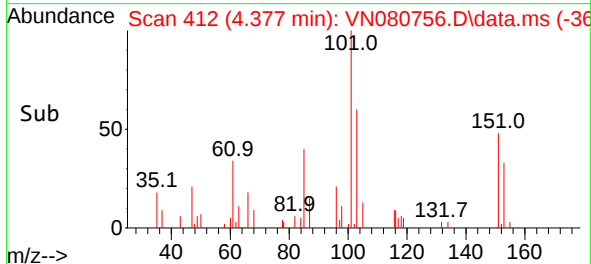
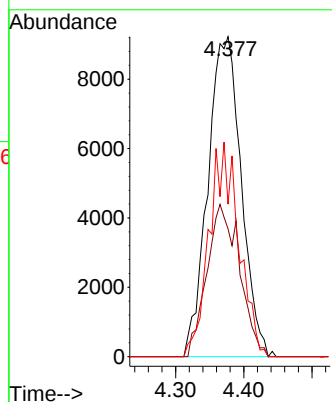
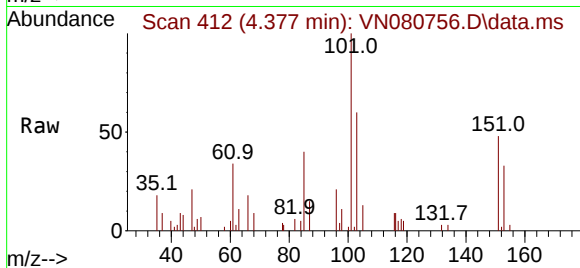
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.088 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0123WBSD01

Tgt Ion:101 Resp: 3146
Ion Ratio Lower Upper
101 100
85 46.6 36.6 55.0
151 59.3 57.6 86.4

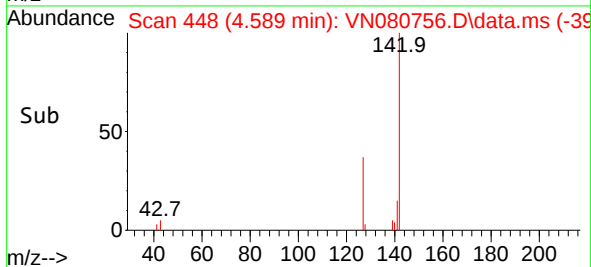
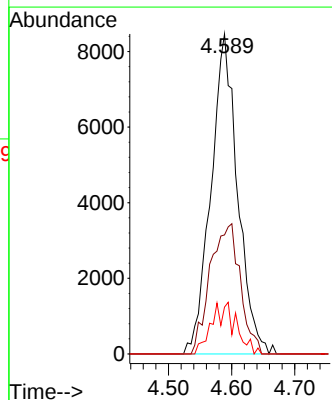
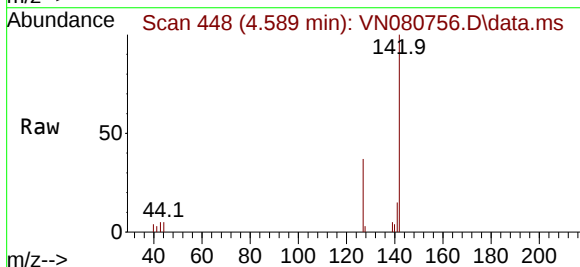
Manual Integrations
APPROVED

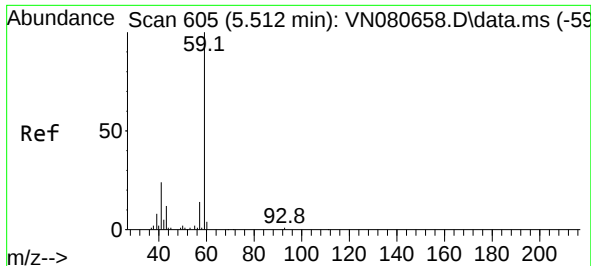
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#10
Methyl Iodide
Concen: 17.119 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

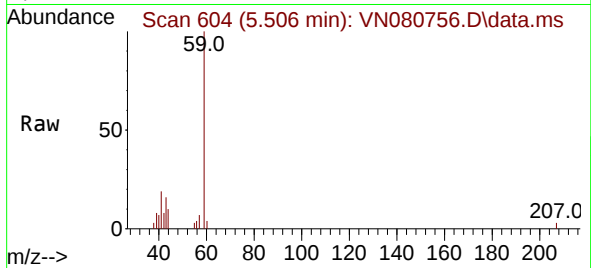
Tgt Ion:142 Resp: 24900
Ion Ratio Lower Upper
142 100
127 37.2 37.6 56.4#
141 14.6 11.4 17.0





#11
Tert butyl alcohol
Concen: 74.217 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.006 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

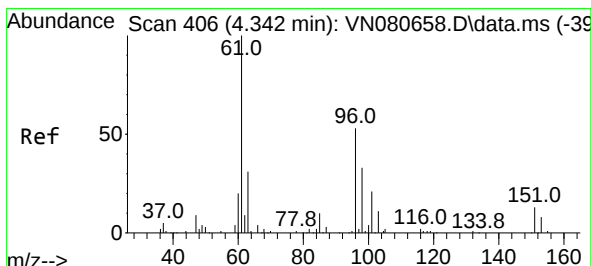
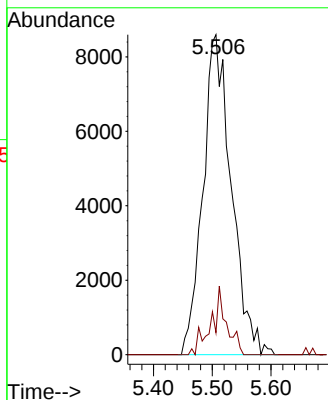
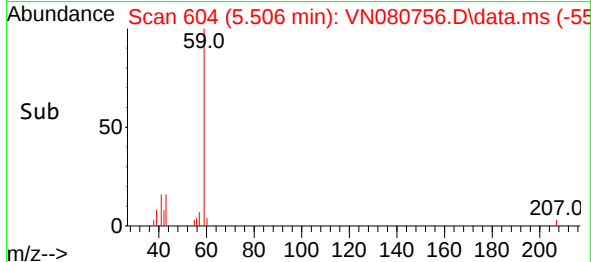
Instrument :
MSVOA_N
ClientSampleId :
VN0123WBSD01



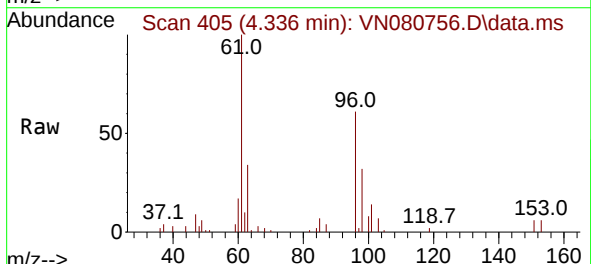
Tgt Ion: 59 Resp: 2889
Ion Ratio Lower Upper
59 100
57 11.6 8.2 12.4

Manual Integrations
APPROVED

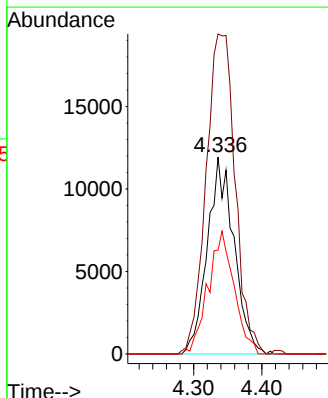
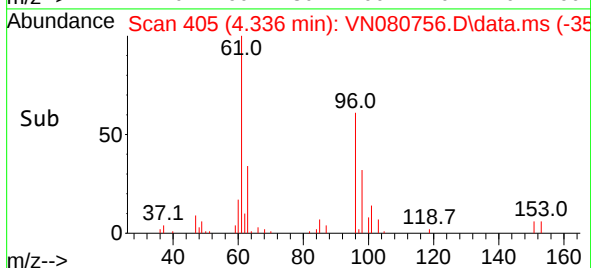
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

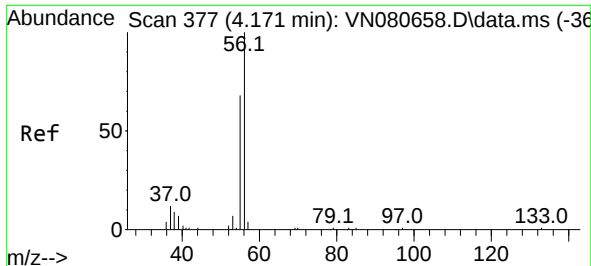


#12
1,1-Dichloroethene
Concen: 16.562 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12



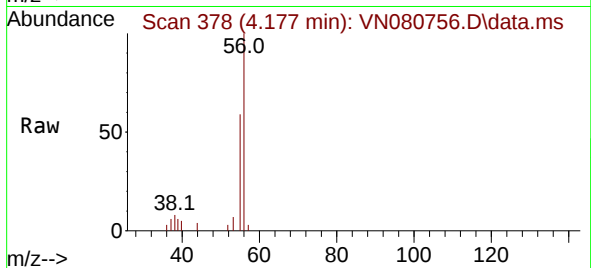
Tgt Ion: 96 Resp: 32419
Ion Ratio Lower Upper
96 100
61 162.6 112.7 169.1
98 52.7 51.2 76.8





#13
Acrolein
Concen: 98.743 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

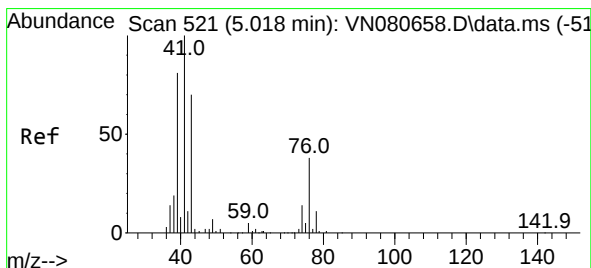
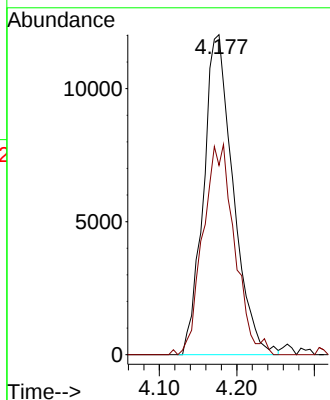
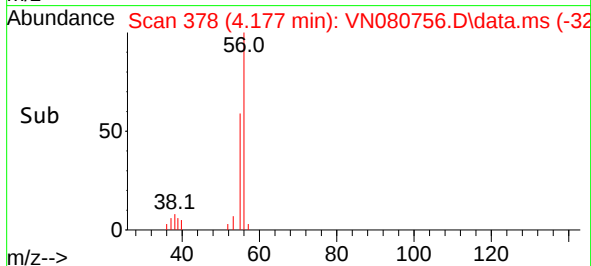
Instrument :
MSVOA_N
ClientSampleId :
VN0123WBSD01



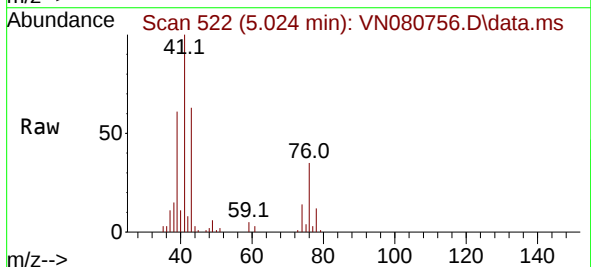
Tgt Ion: 56 Resp: 32120
Ion Ratio Lower Upper
56 100
55 70.1 54.5 81.7

Manual Integrations
APPROVED

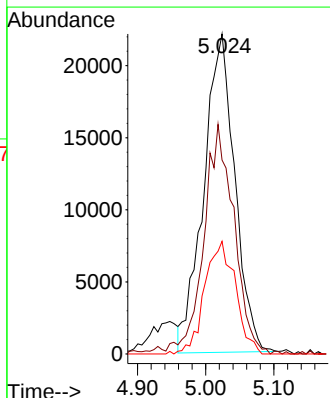
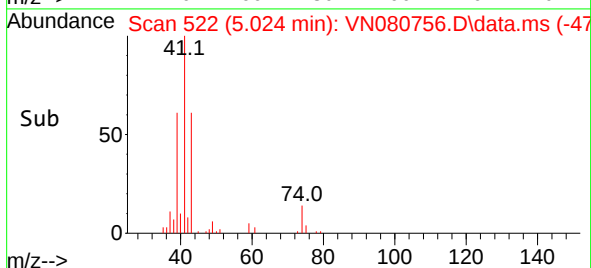
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

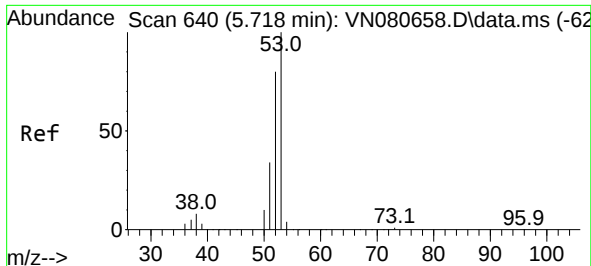


#14
Allyl chloride
Concen: 18.109 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12



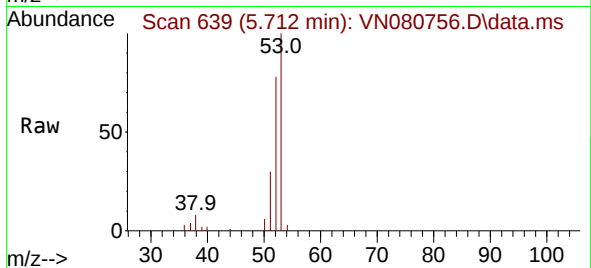
Tgt Ion: 41 Resp: 70270
Ion Ratio Lower Upper
41 100
39 69.8 58.8 88.2
76 34.9 39.1 58.7#





#15
Acrylonitrile
Concen: 99.394 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

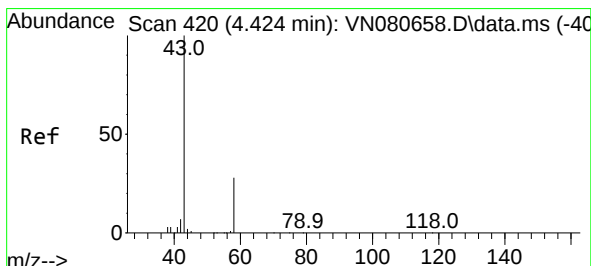
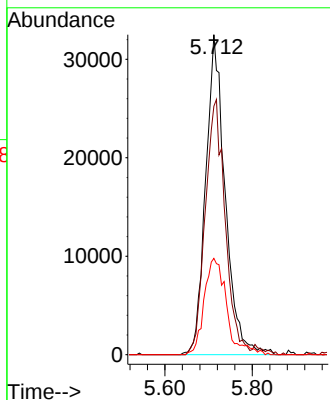
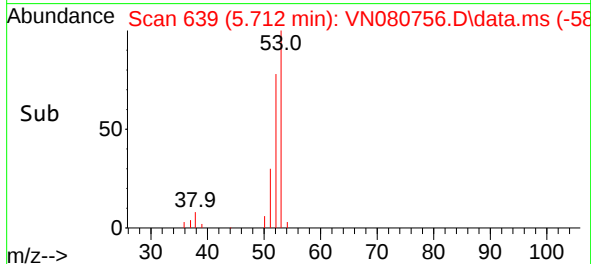
Instrument :
MSVOA_N
ClientSampleId :
VN0123WBSD01



Tgt Ion: 53 Resp: 10106
Ion Ratio Lower Upper
53 100
52 81.1 65.3 97.9
51 34.5 28.9 43.3

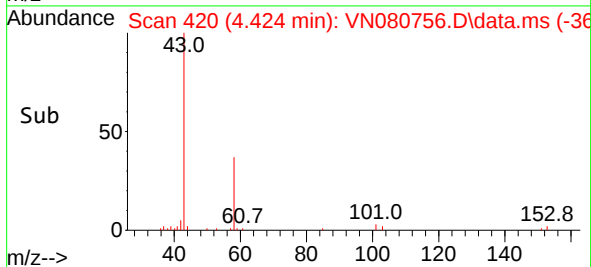
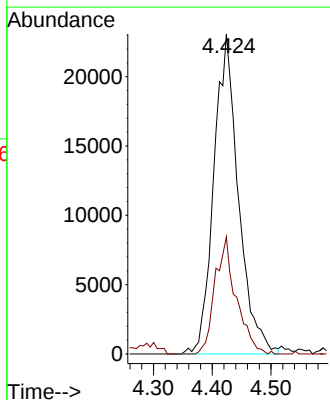
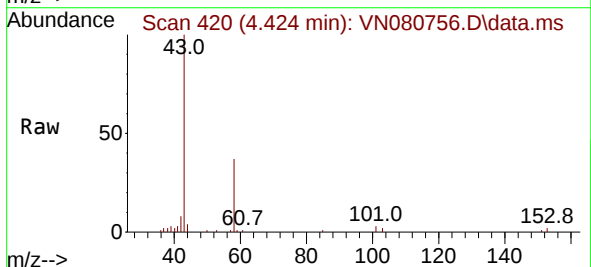
Manual Integrations
APPROVED

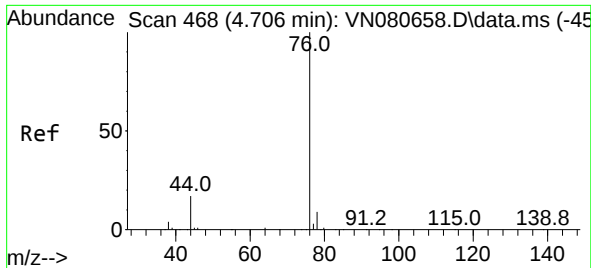
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#16
Acetone
Concen: 88.833 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

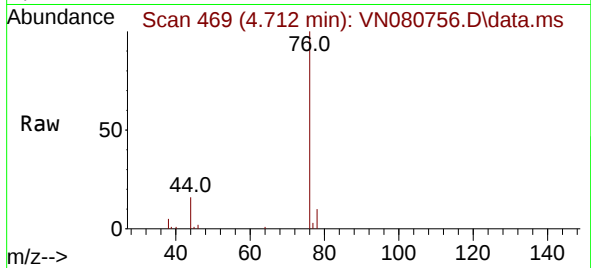
Tgt Ion: 43 Resp: 67149
Ion Ratio Lower Upper
43 100
58 36.6 28.0 42.0





#17
Carbon Disulfide
Concen: 16.526 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

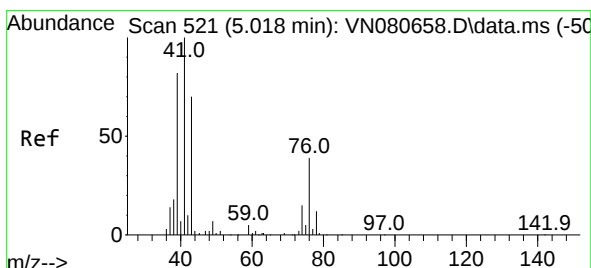
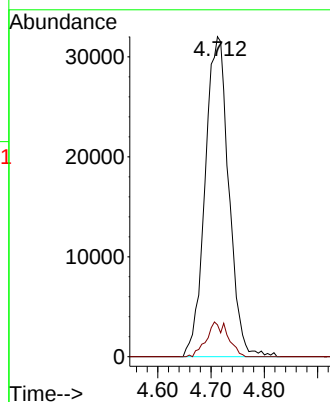
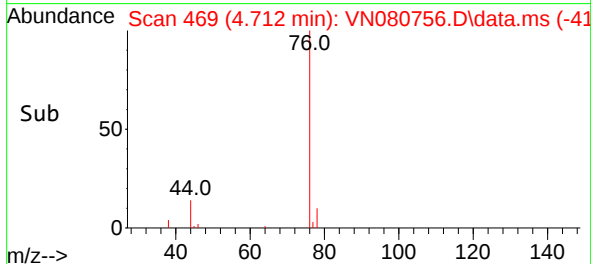
Instrument :
MSVOA_N
ClientSampleId :
VN0123WBSD01



Tgt Ion: 76 Resp: 9894
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0

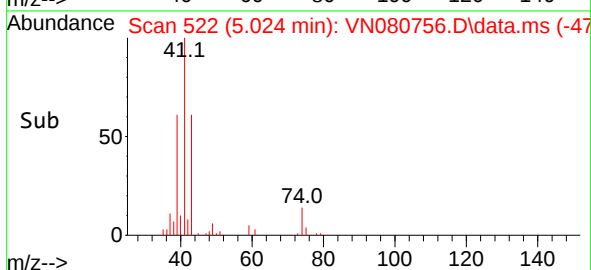
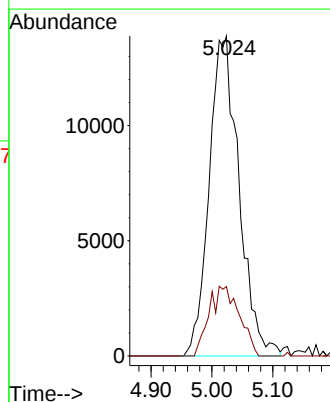
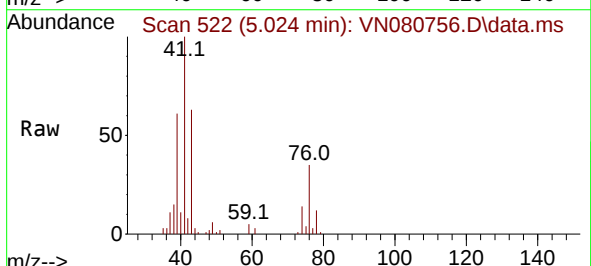
Manual Integrations
APPROVED

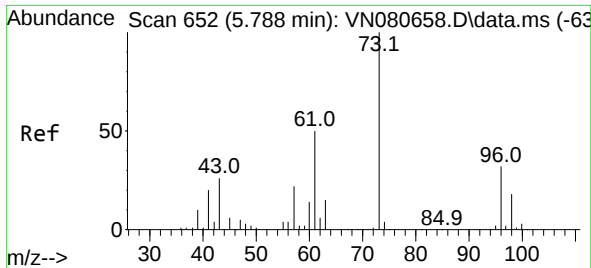
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#18
Methyl Acetate
Concen: 20.970 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

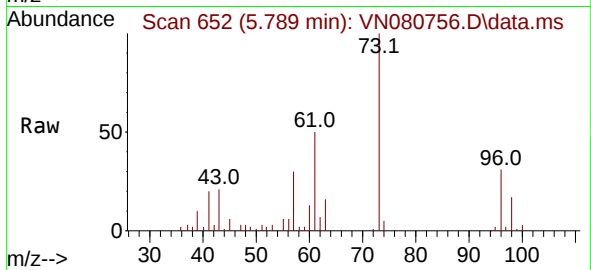
Tgt Ion: 43 Resp: 47201
Ion Ratio Lower Upper
43 100
74 22.2 26.2 39.4#





#19
Methyl tert-butyl Ether
Concen: 18.816 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

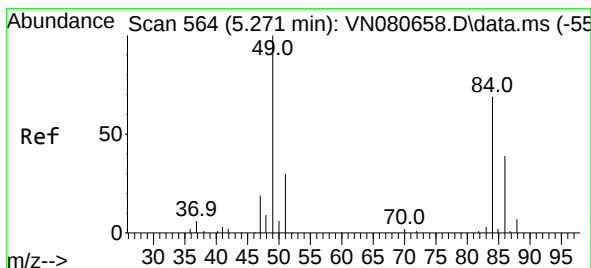
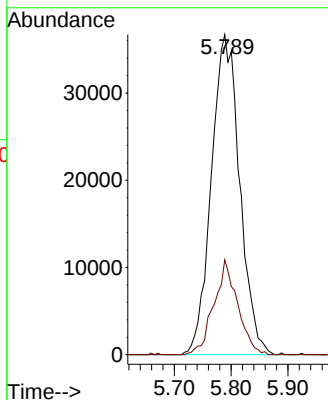
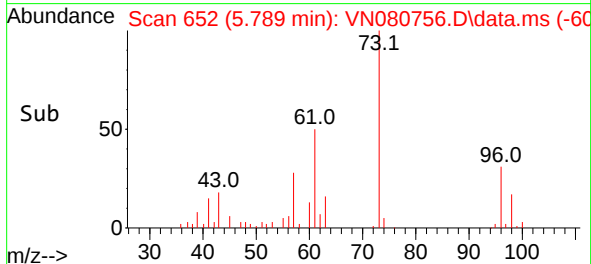
Instrument :
MSVOA_N
ClientSampleId :
VN0123WBSD01



Tgt Ion: 73 Resp: 126914
Ion Ratio Lower Upper
73 100
57 29.6 15.6 23.4

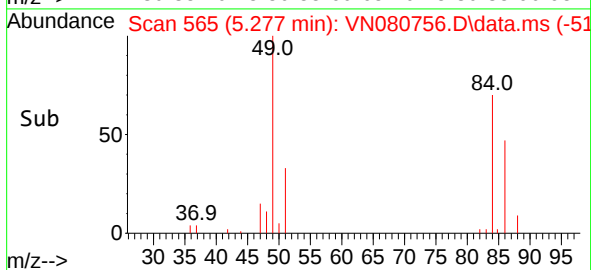
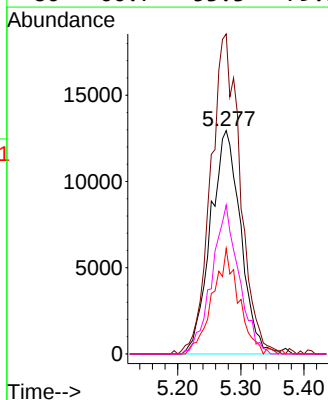
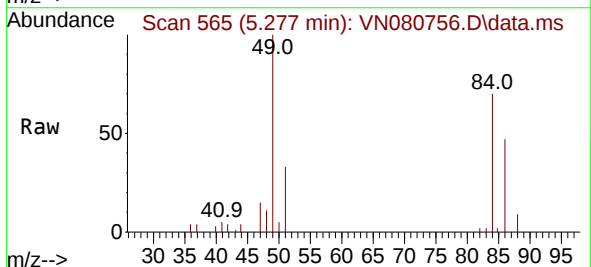
Manual Integrations
APPROVED

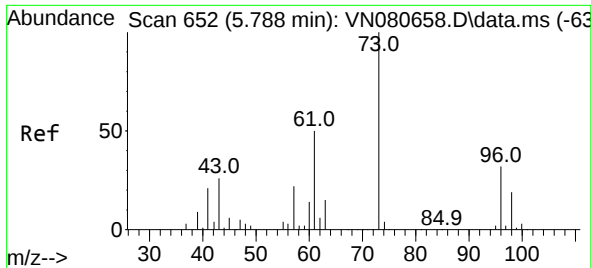
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#20
Methylene Chloride
Concen: 19.452 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

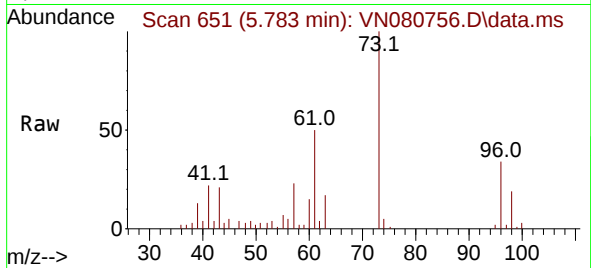
Tgt Ion: 84 Resp: 42925
Ion Ratio Lower Upper
84 100
49 143.3 79.7 119.5#
51 47.2 25.2 37.8#
86 66.7 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.079 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

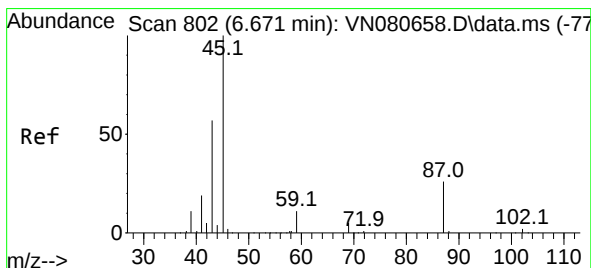
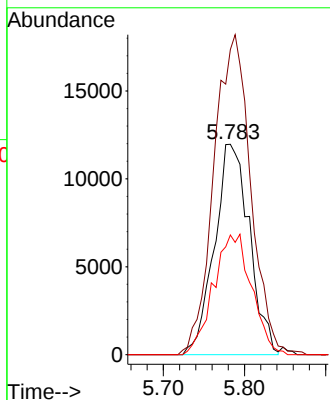
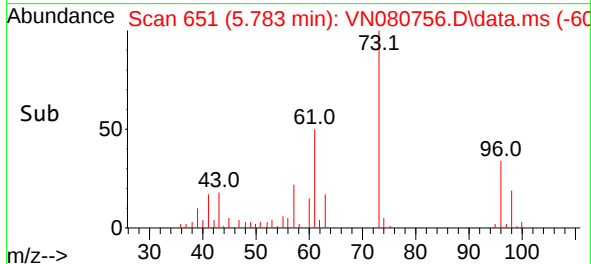
Instrument :
MSVOA_N
ClientSampleId :
VN0123WBSD01



Tgt Ion: 96 Resp: 3589
Ion Ratio Lower Upper
96 100
61 145.0 90.1 135.1
98 56.9 46.4 69.6

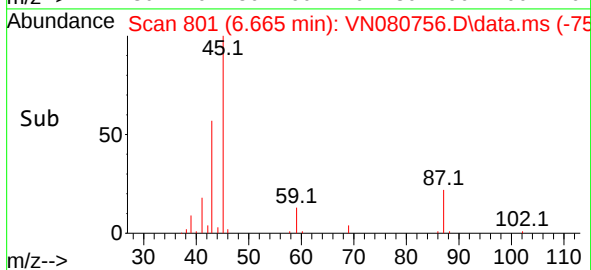
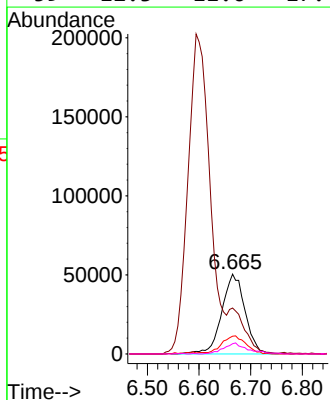
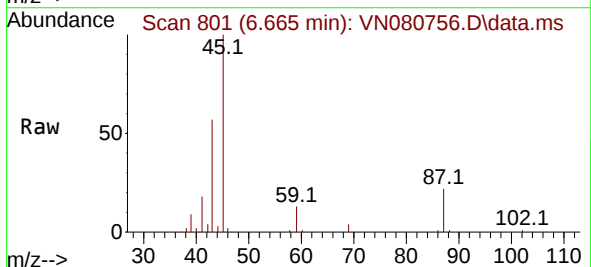
Manual Integrations
APPROVED

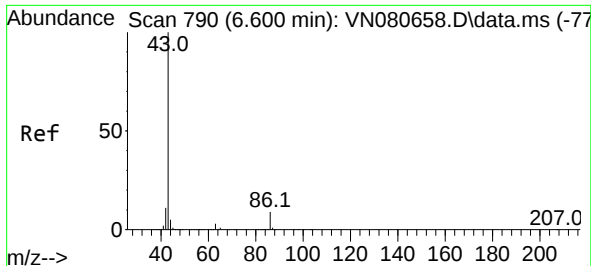
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#22
Diisopropyl ether
Concen: 21.563 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

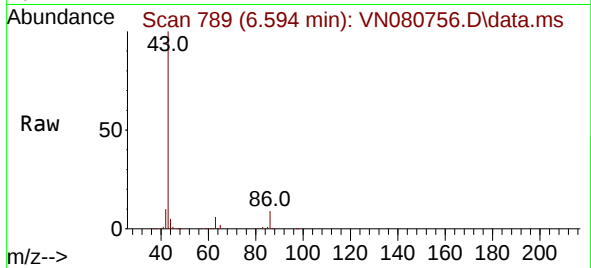
Tgt Ion: 45 Resp: 157782
Ion Ratio Lower Upper
45 100
43 56.7 45.5 68.3
87 22.2 31.8 47.8
59 12.3 11.6 17.4





#23
 Vinyl Acetate
 Concen: 100.837 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN080756.D
 Acq: 23 Jan 2024 12:12

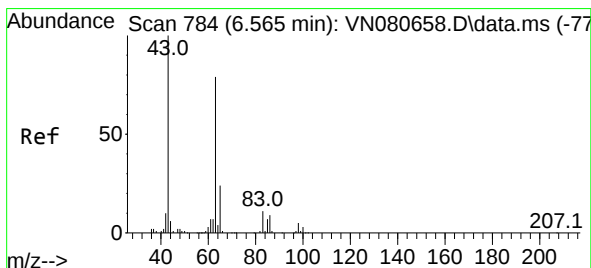
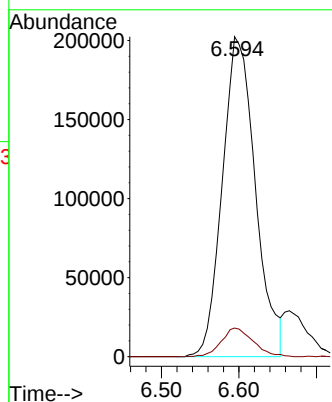
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0123WBSD01



Tgt Ion: 43 Resp: 600540
 Ion Ratio Lower Upper
 43 100
 86 9.0 13.0 19.6

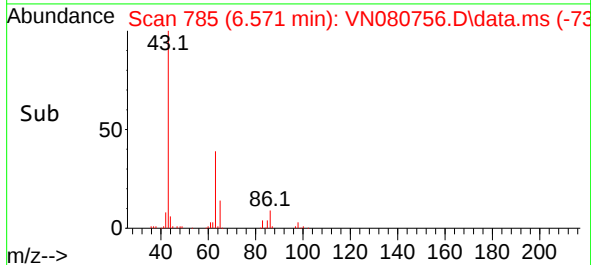
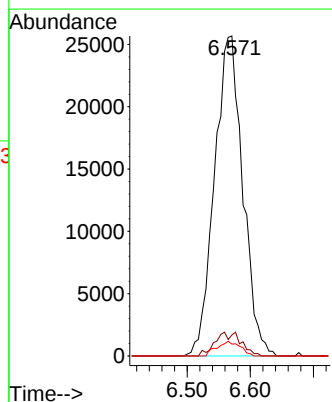
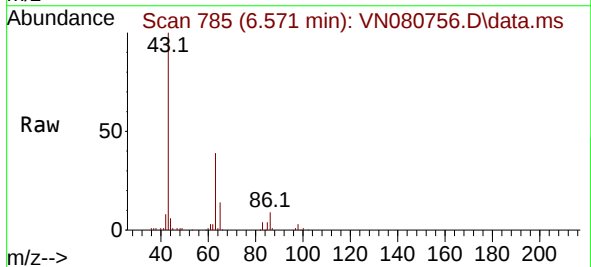
Manual Integrations
 APPROVED

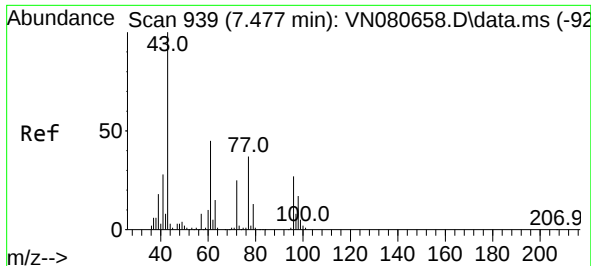
Reviewed By :John Carlone 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024



#24
 1,1-Dichloroethane
 Concen: 19.967 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080756.D
 Acq: 23 Jan 2024 12:12

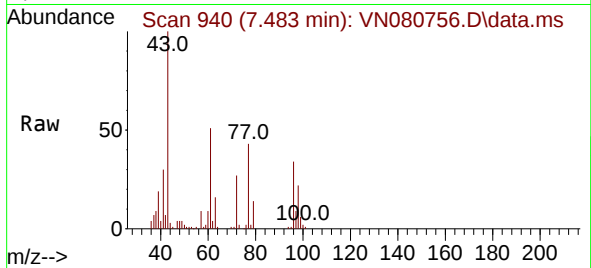
Tgt Ion: 63 Resp: 79977
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.9 11.7
 100 3.7 2.5 7.4





#25
2-Butanone
Concen: 94.000 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

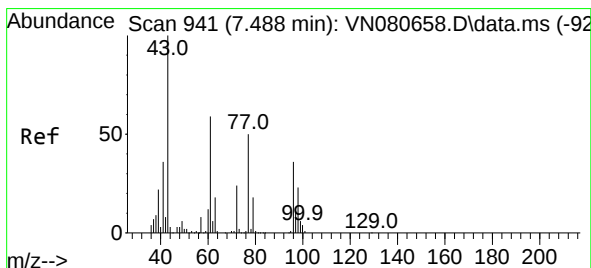
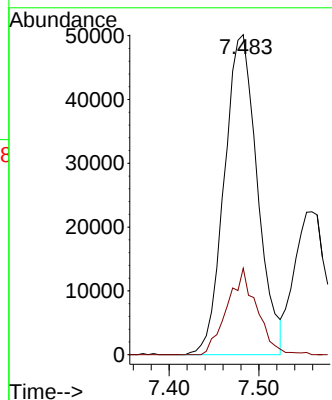
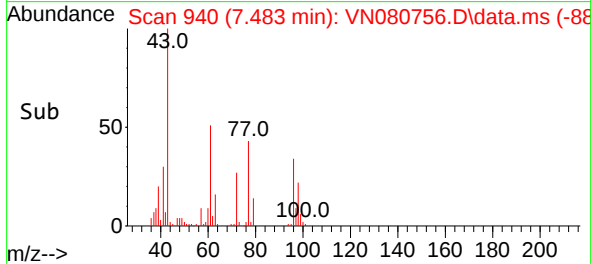
Instrument :
MSVOA_N
ClientSampleId :
VN0123WBSD01



Tgt Ion: 43 Resp: 128438
Ion Ratio Lower Upper
43 100
72 27.0 30.2 45.2

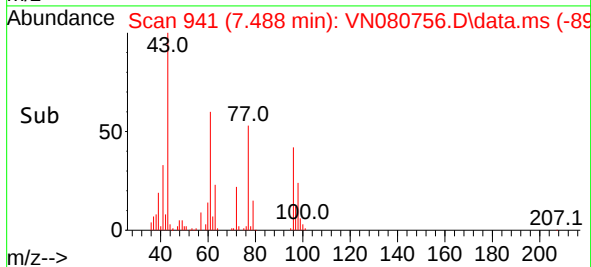
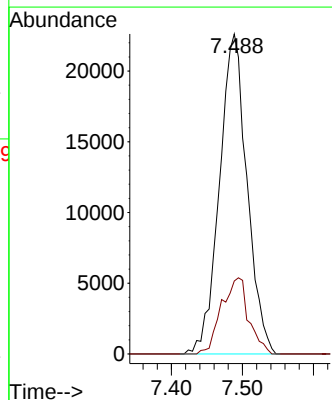
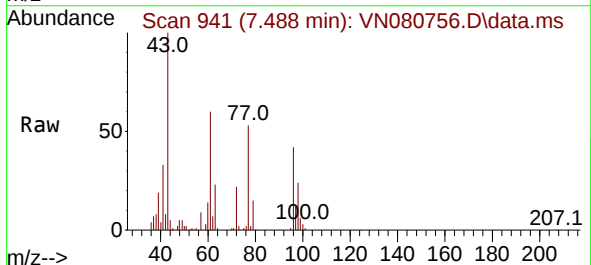
Manual Integrations
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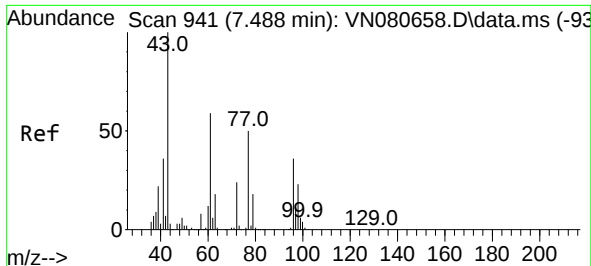
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#26
2,2-Dichloropropane
Concen: 17.400 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

Tgt Ion: 77 Resp: 60952
Ion Ratio Lower Upper
77 100
97 23.5 11.2 33.6





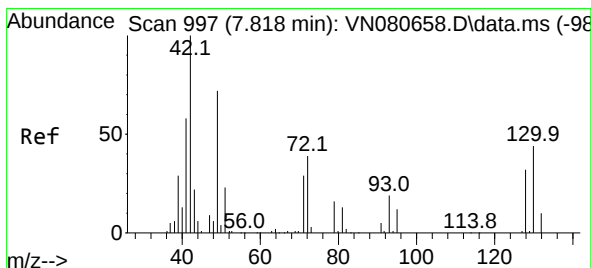
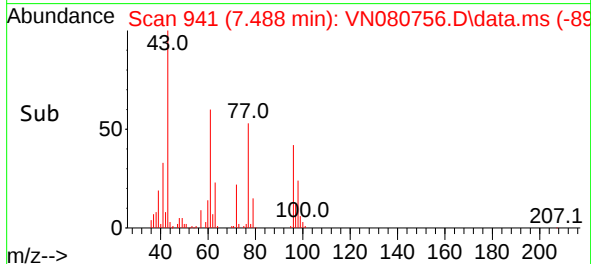
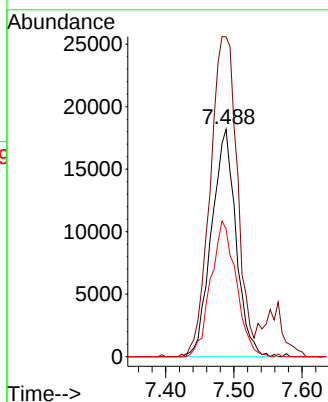
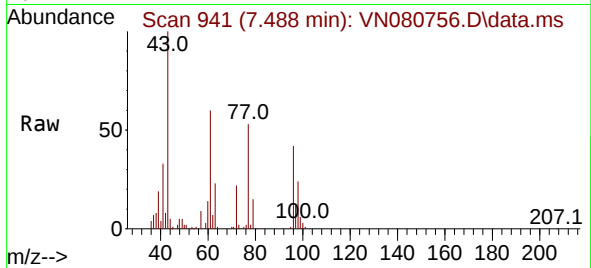
#27
 cis-1,2-Dichloroethene
 Concen: 20.769 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN080756.D
 Acq: 23 Jan 2024 12:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0123WBSD01

Tgt Ion: 96 Resp: 45458
 Ion Ratio Lower Upper
 96 100
 61 155.8 0.0 255.2
 98 61.8 0.0 128.8

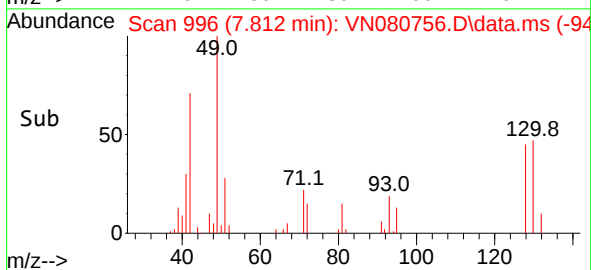
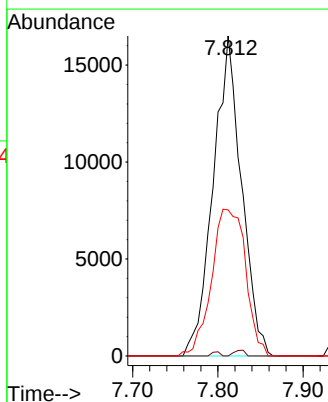
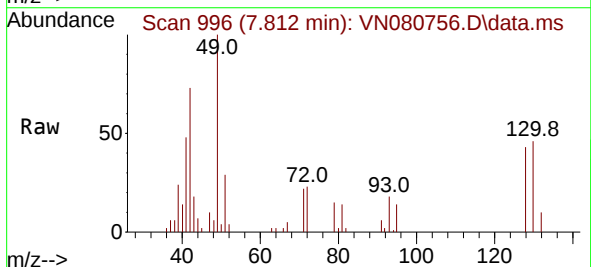
Manual Integrations
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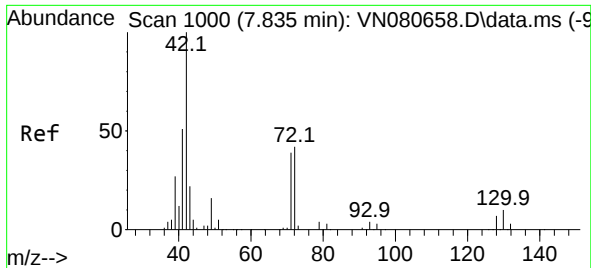
Reviewed By :John Carlone 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024



#28
 Bromochloromethane
 Concen: 20.349 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080756.D
 Acq: 23 Jan 2024 12:12

Tgt Ion: 49 Resp: 38104
 Ion Ratio Lower Upper
 49 100
 129 0.4 0.0 4.8
 130 55.1 75.3 112.9#





#29

Tetrahydrofuran

Concen: 97.618 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080756.D

Acq: 23 Jan 2024 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0123WBSD01

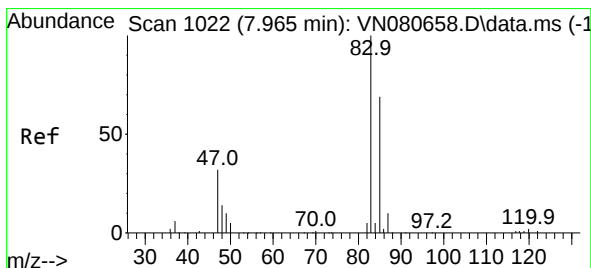
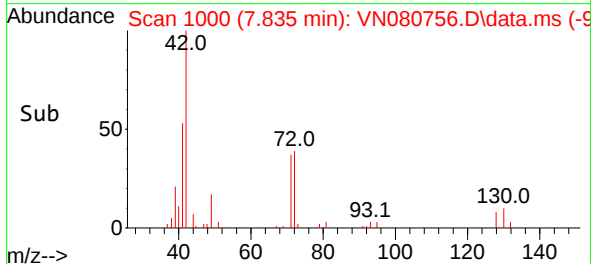
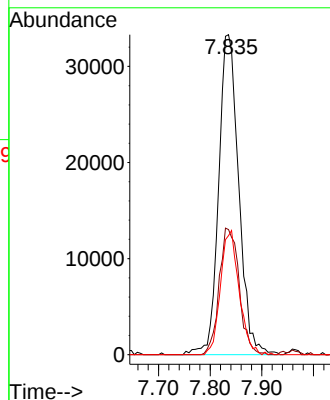
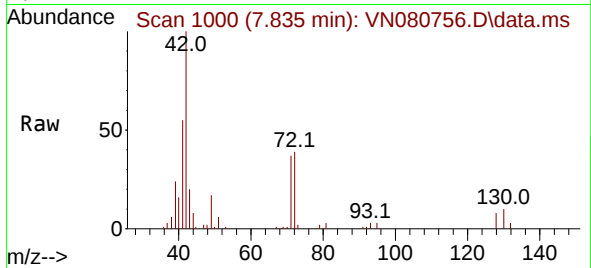
Tgt Ion: 42 Resp: 8990
 Ion Ratio Lower Upper
 42 100
 72 39.1 49.8 74.6
 71 35.8 47.4 71.2

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Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#30

Chloroform

Concen: 19.235 ug/l

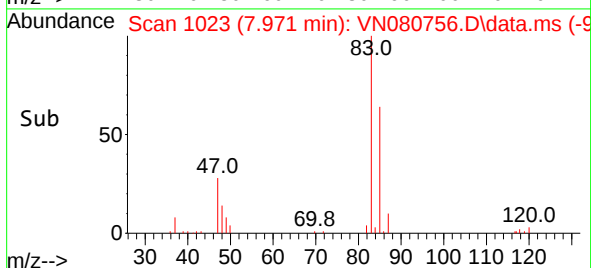
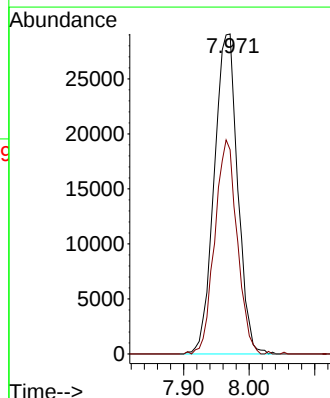
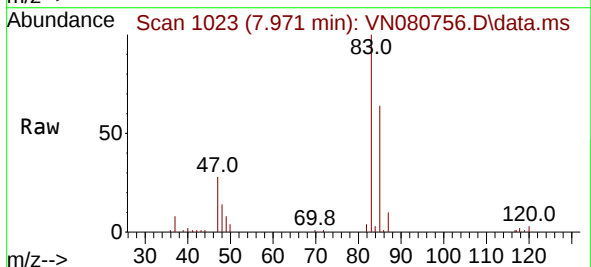
RT: 7.971 min Scan# 1023

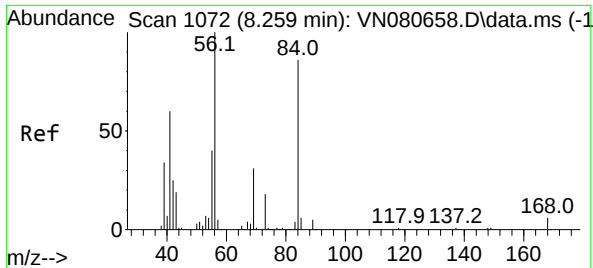
Delta R.T. 0.006 min

Lab File: VN080756.D

Acq: 23 Jan 2024 12:12

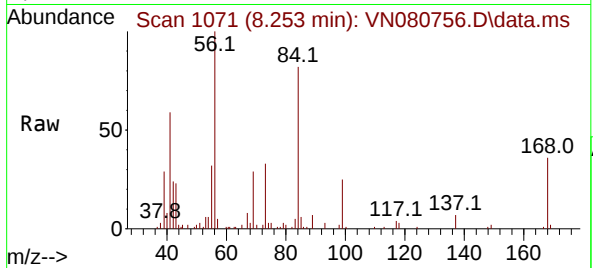
Tgt Ion: 83 Resp: 72226
 Ion Ratio Lower Upper
 83 100
 85 63.8 55.4 83.0





#31
Cyclohexane
Concen: 18.837 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

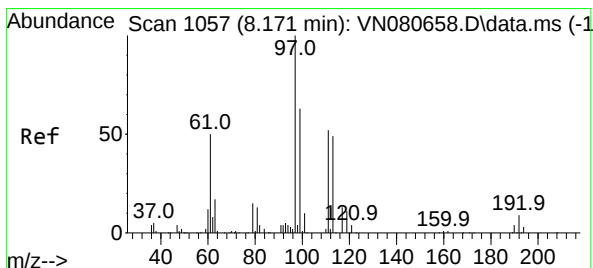
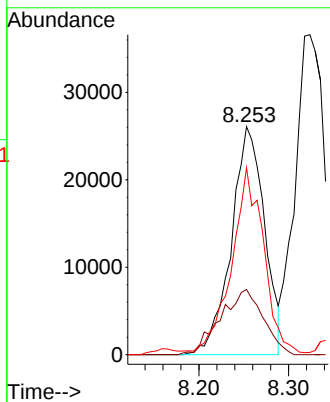
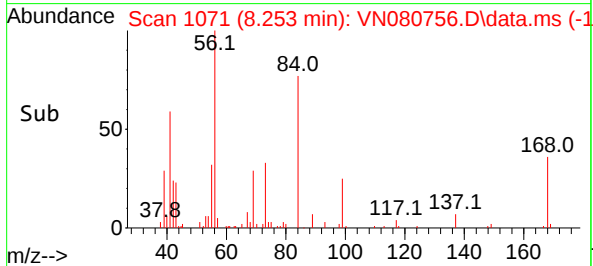
Instrument :
MSVOA_N
ClientSampleId :
VN0123WBSD01



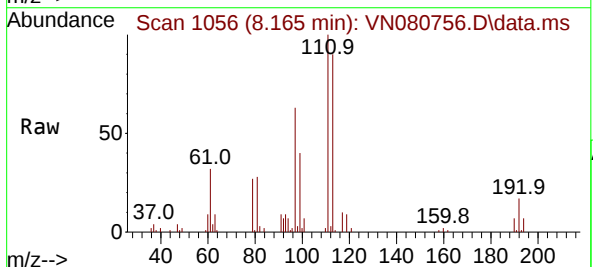
Tgt Ion: 56 Resp: 67000
Ion Ratio Lower Upper
56 100
69 28.6 26.8 40.2
84 80.5 81.8 122.6

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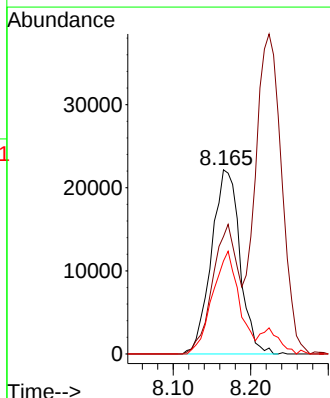
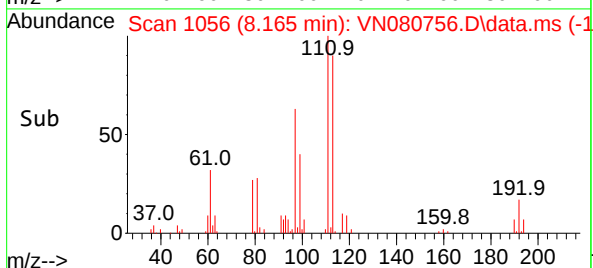
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

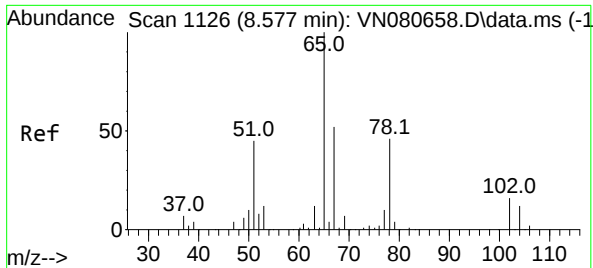


#32
1,1,1-Trichloroethane
Concen: 16.897 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12



Tgt Ion: 97 Resp: 56480
Ion Ratio Lower Upper
97 100
99 62.4 50.3 75.5
61 52.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 45.949 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN080756.D

Acq: 23 Jan 2024 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0123WBSD01

Tgt Ion: 65 Resp: 10579

Ion Ratio Lower Upper

65 100

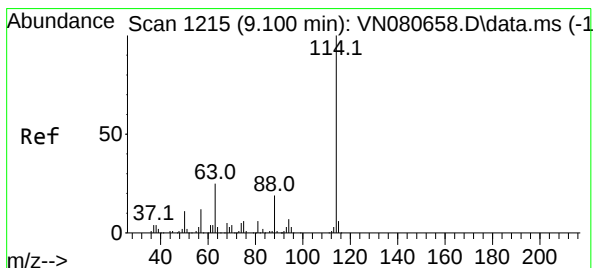
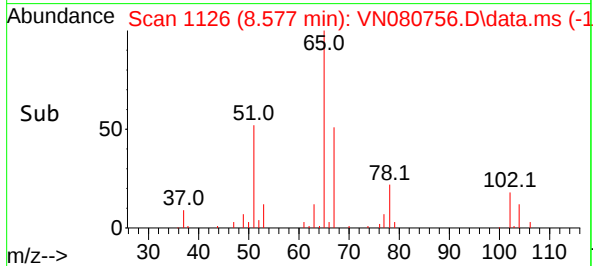
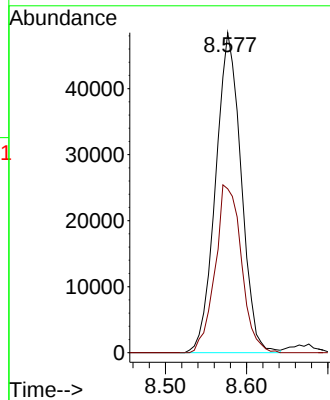
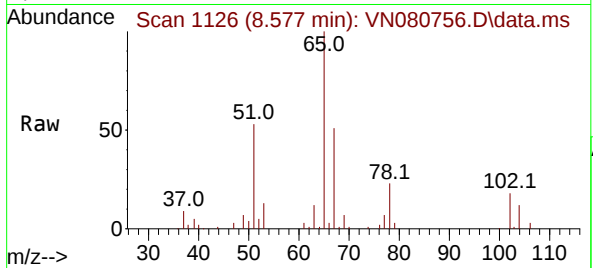
67 53.9 0.0 106.6

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Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080756.D

Acq: 23 Jan 2024 12:12

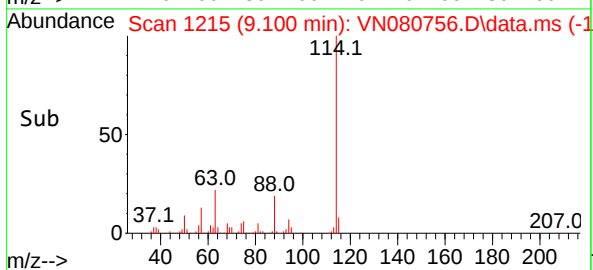
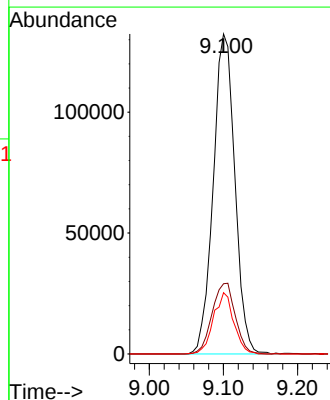
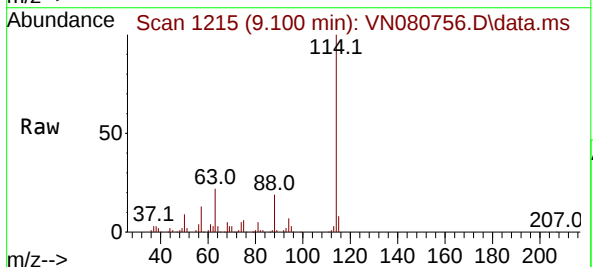
Tgt Ion:114 Resp: 268421

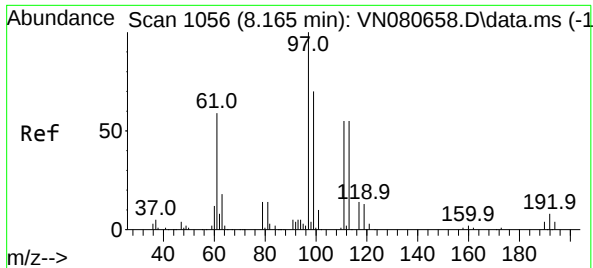
Ion Ratio Lower Upper

114 100

63 21.9 0.0 36.4

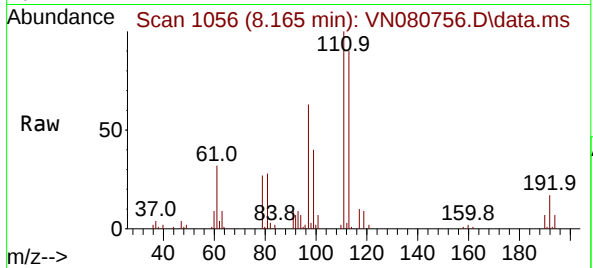
88 19.2 0.0 30.6





#35
Dibromofluoromethane
Concen: 48.751 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

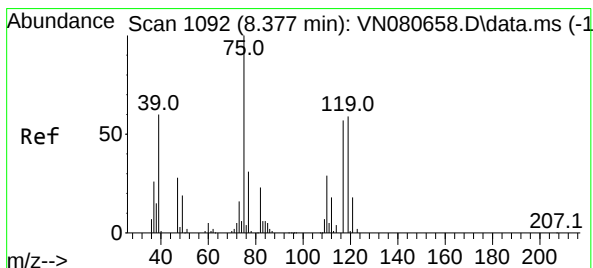
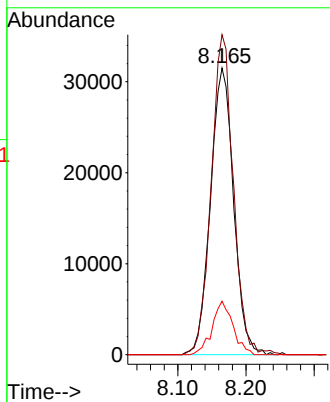
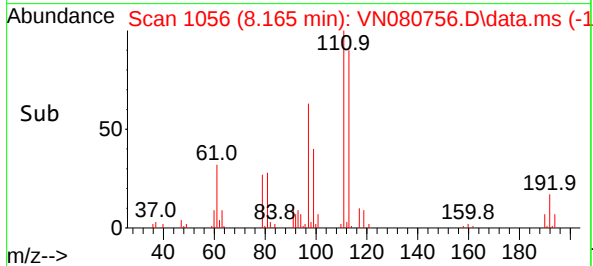
Instrument :
MSVOA_N
ClientSampleId :
VN0123WBSD01



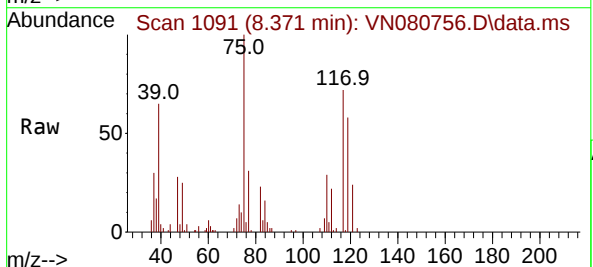
Tgt Ion: 113 Resp: 7435
Ion Ratio Lower Upper
113 100
111 106.5 82.6 123.8
192 16.9 12.7 19.1

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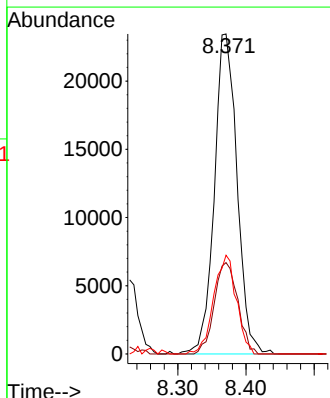
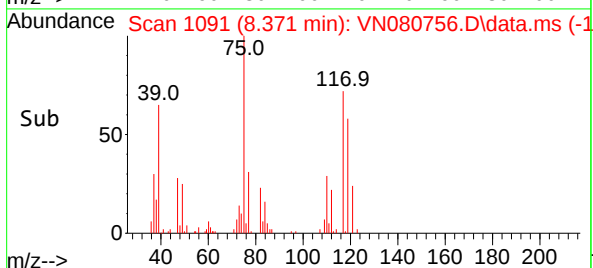
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

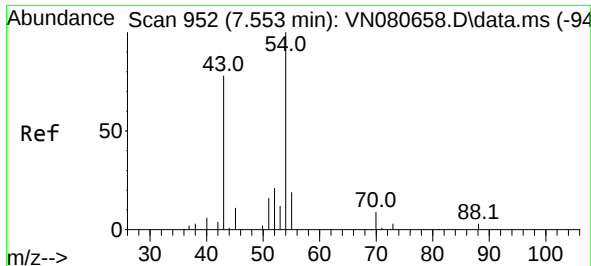


#36
1,1-Dichloropropene
Concen: 17.418 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12



Tgt Ion: 75 Resp: 54415
Ion Ratio Lower Upper
75 100
110 29.5 19.1 57.3
77 30.8 25.0 37.4





#37

Ethyl Acetate

Concen: 19.516 ug/l

RT: 7.559 min Scan# 912

Delta R.T. 0.006 min

Lab File: VN080756.D

Acq: 23 Jan 2024 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0123WBSD01

Tgt Ion: 43 Resp: 5912

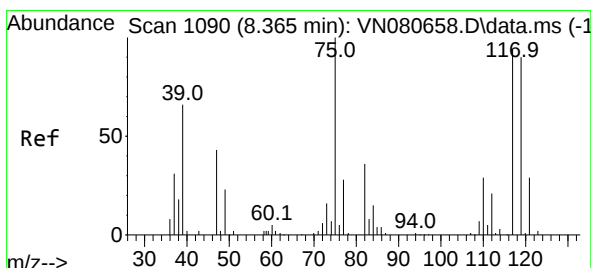
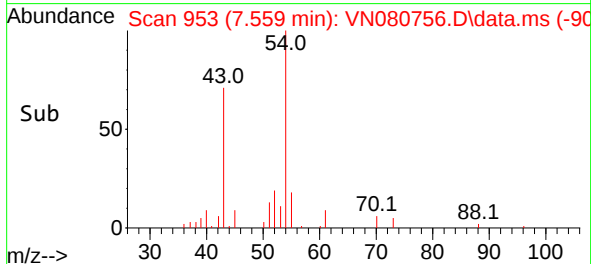
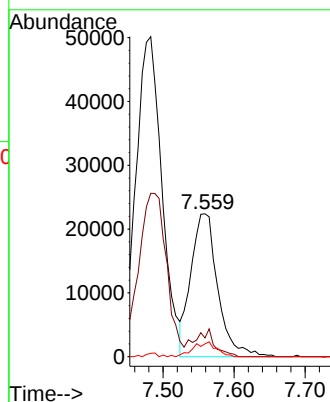
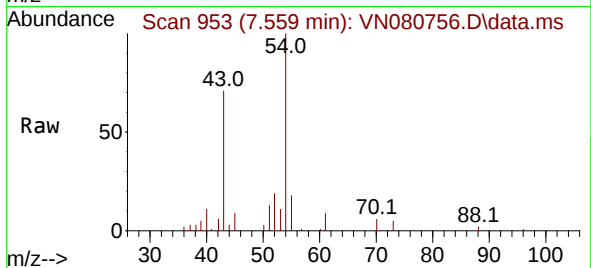
Ion	Ratio	Lower	Upper
43	100		
61	14.4	13.2	19.8
70	8.9	11.3	16.9

Manual Integrations

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Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#38

Carbon Tetrachloride

Concen: 16.267 ug/l

RT: 8.359 min Scan# 1089

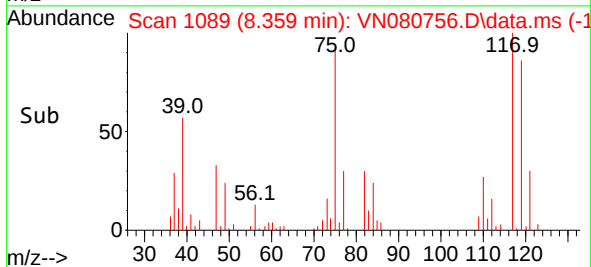
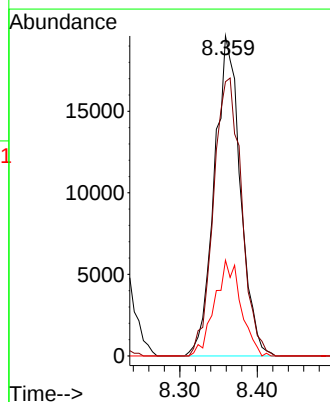
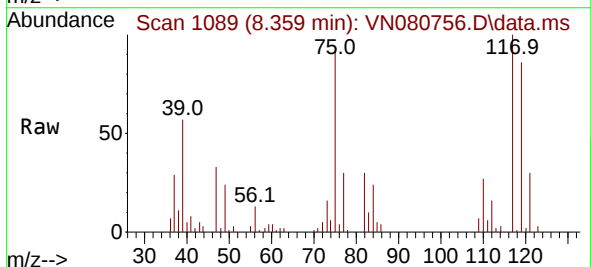
Delta R.T. -0.006 min

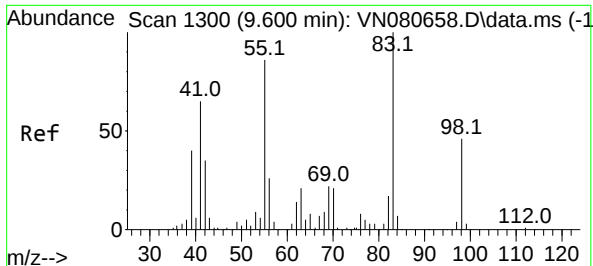
Lab File: VN080756.D

Acq: 23 Jan 2024 12:12

Tgt Ion:117 Resp: 45628

Ion	Ratio	Lower	Upper
117	100		
119	85.7	77.3	115.9
121	29.9	23.3	34.9





#39

Methylcyclohexane

Concen: 17.479 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080756.D

Acq: 23 Jan 2024 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0123WBSD01

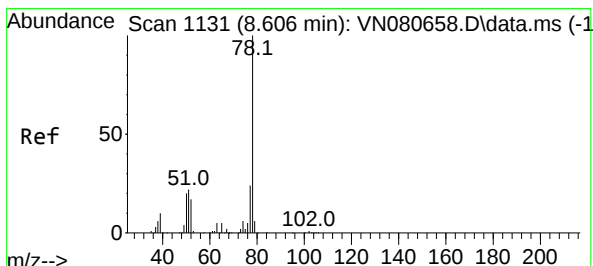
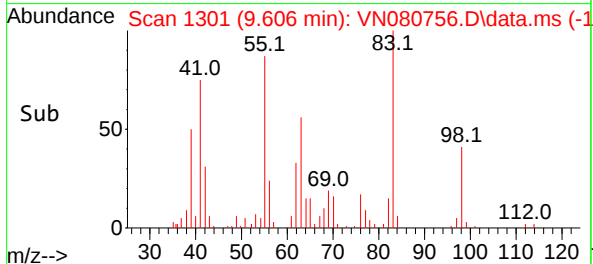
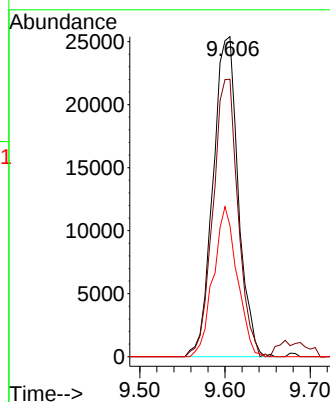
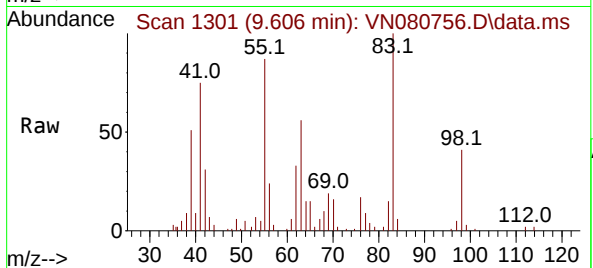
Tgt Ion: 83 Resp: 52250
 Ion Ratio Lower Upper
 83 100
 55 86.7 49.1 73.7
 98 41.0 40.6 61.0

Manual Integrations

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Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#40

Benzene

Concen: 20.015 ug/l

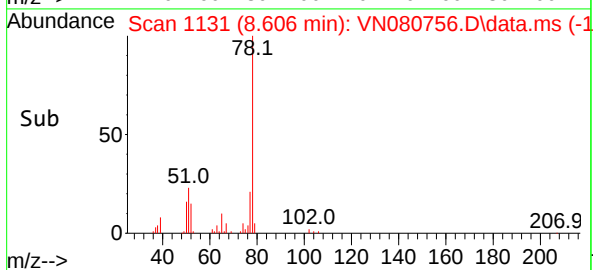
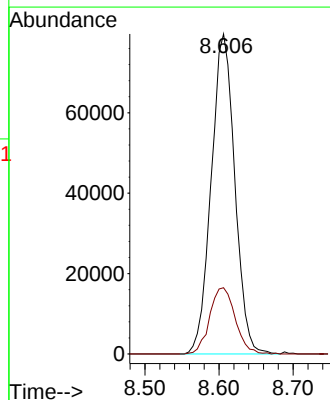
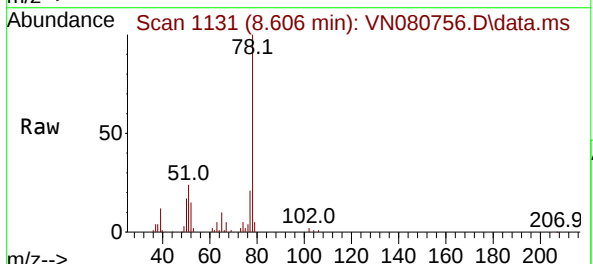
RT: 8.606 min Scan# 1131

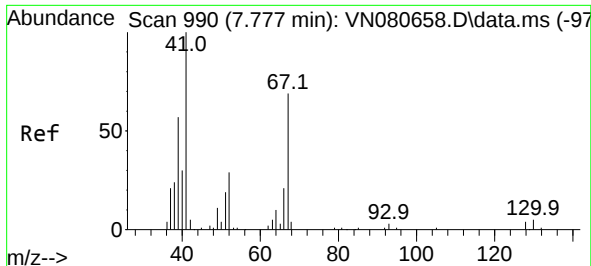
Delta R.T. 0.000 min

Lab File: VN080756.D

Acq: 23 Jan 2024 12:12

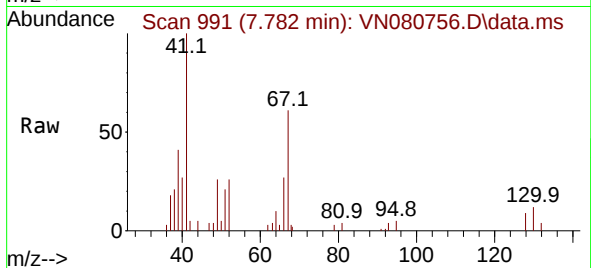
Tgt Ion: 78 Resp: 175783
 Ion Ratio Lower Upper
 78 100
 77 20.7 19.0 28.6





#41
Methacrylonitrile
Concen: 19.972 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

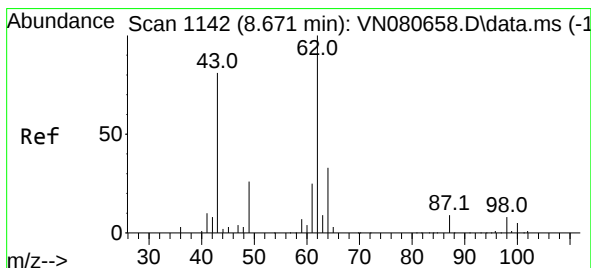
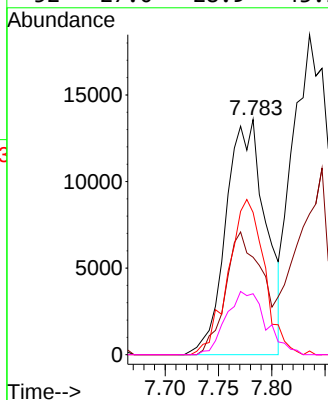
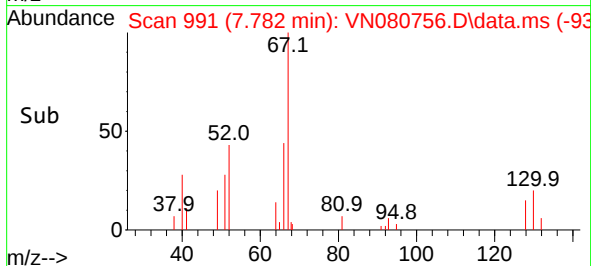
Instrument :
MSVOA_N
ClientSampleId :
VN0123WBSD01



Tgt Ion: 41 Resp: 3509
Ion Ratio Lower Upper
41 100
39 47.4 42.6 64.0
67 59.8 77.5 116.3
52 27.0 28.9 43.3

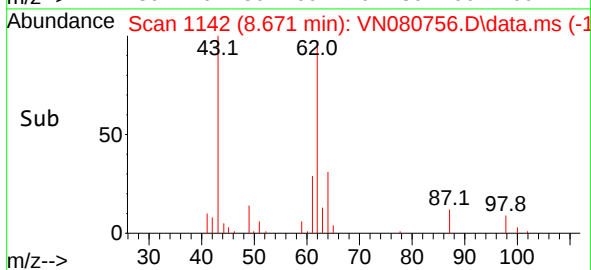
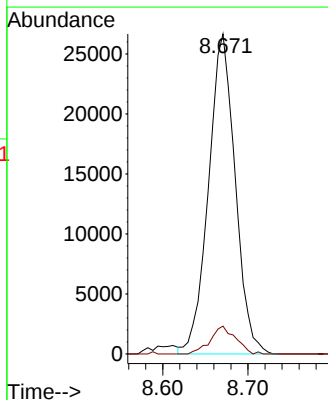
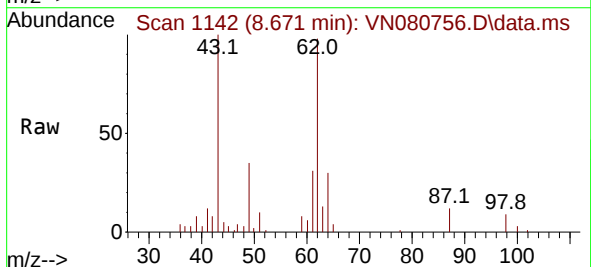
Manual Integrations
APPROVED

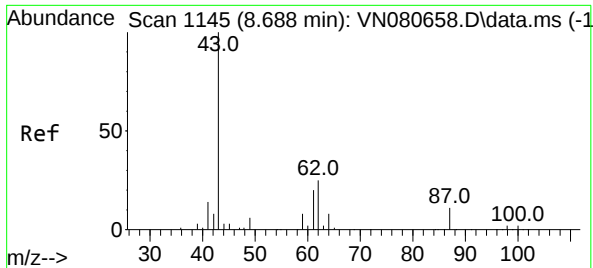
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#42
1,2-Dichloroethane
Concen: 17.271 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

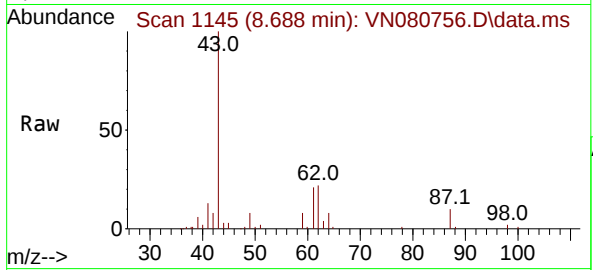
Tgt Ion: 62 Resp: 58070
Ion Ratio Lower Upper
62 100
98 8.2 0.0 19.8





#43
Isopropyl Acetate
Concen: 18.869 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

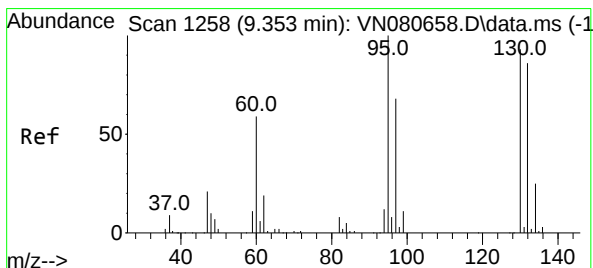
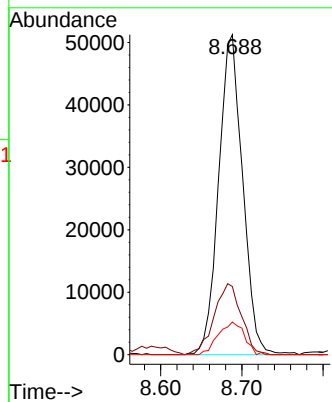
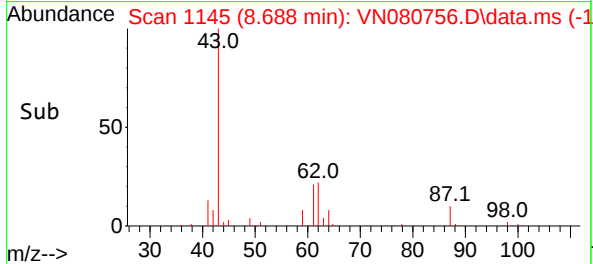
Instrument :
MSVOA_N
ClientSampleId :
VN0123WBSD01



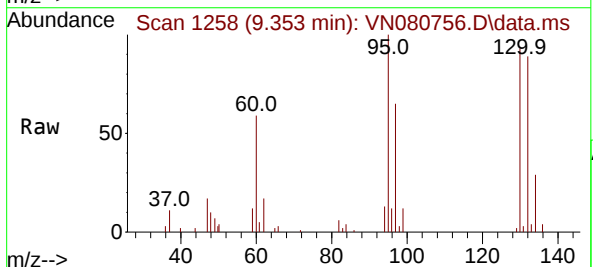
Tgt Ion: 43 Resp: 105072
Ion Ratio Lower Upper
43 100
61 25.1 24.7 37.1
87 11.1 14.6 21.8

Manual Integrations
APPROVED

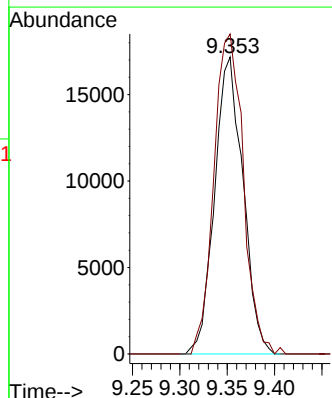
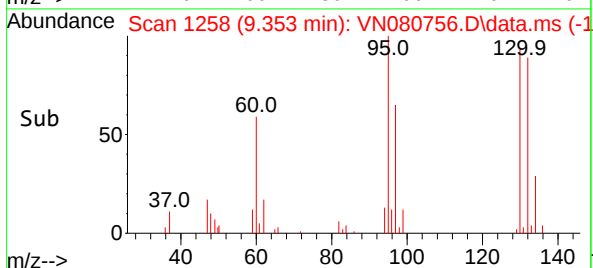
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

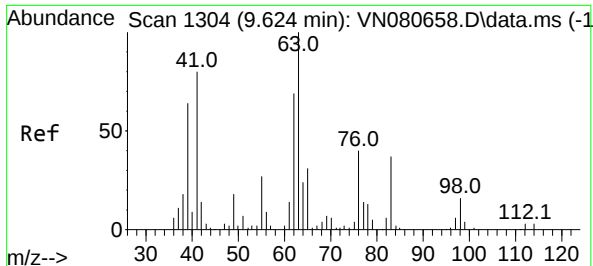


#44
Trichloroethene
Concen: 18.000 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12



Tgt Ion:130 Resp: 35788
Ion Ratio Lower Upper
130 100
95 107.7 0.0 204.6





#45

1,2-Dichloropropane

Concen: 21.147 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080756.D

Acq: 23 Jan 2024 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0123WBSD01

Tgt Ion: 63 Resp: 4923

Ion Ratio Lower Upper

63 100

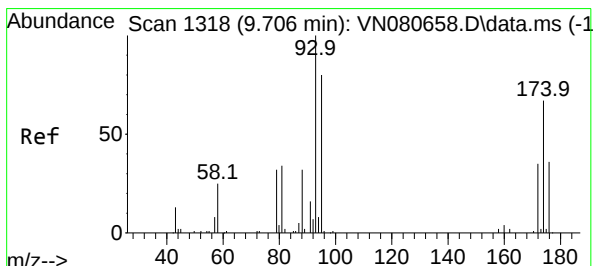
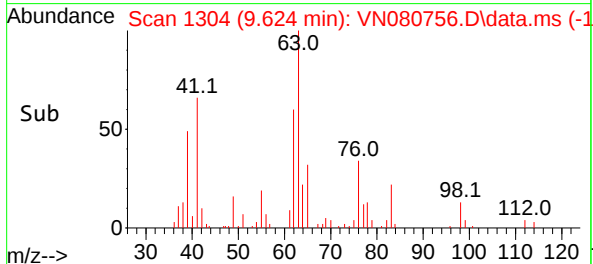
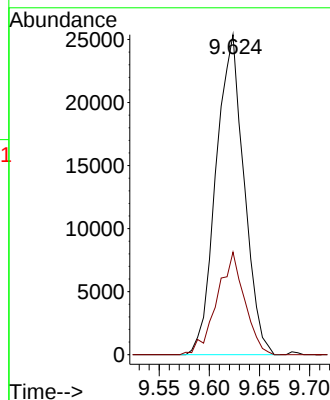
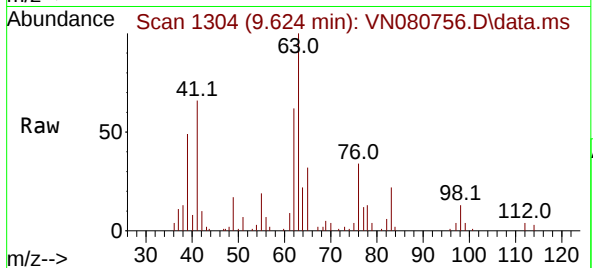
65 32.1 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#46

Dibromomethane

Concen: 18.645 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN080756.D

Acq: 23 Jan 2024 12:12

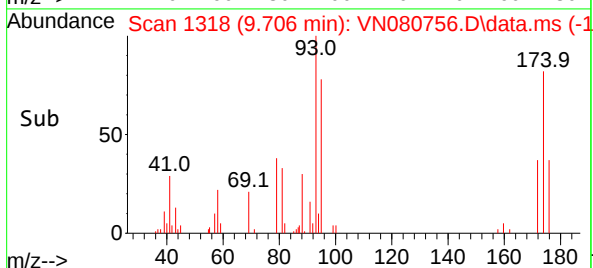
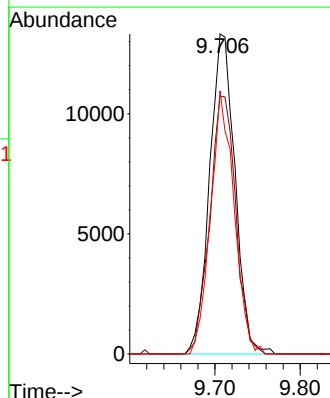
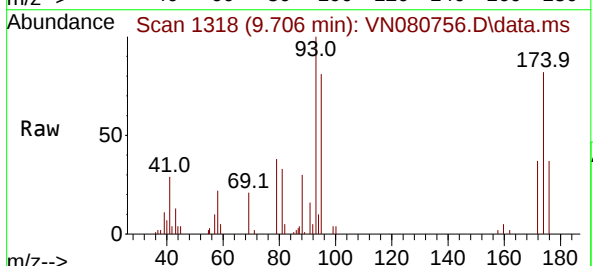
Tgt Ion: 93 Resp: 27467

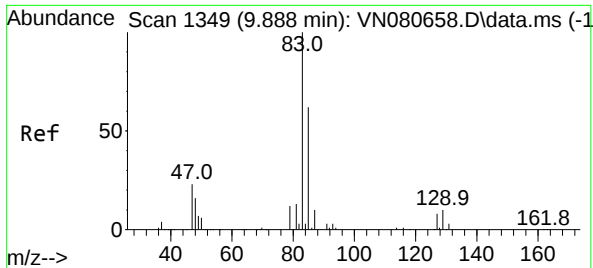
Ion Ratio Lower Upper

93 100

95 82.8 63.8 95.8

174 76.4 65.6 98.4





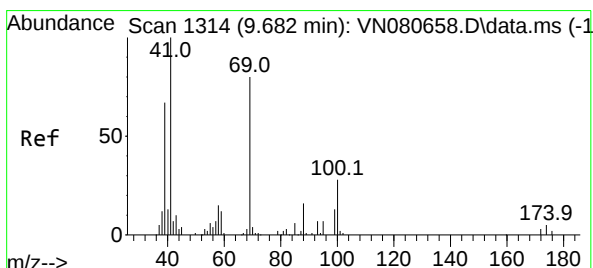
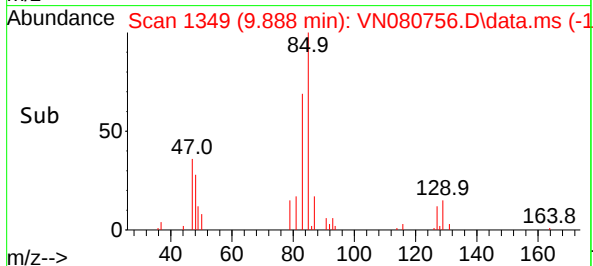
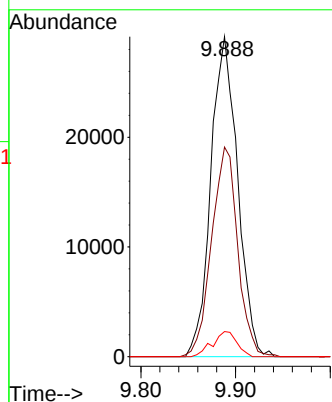
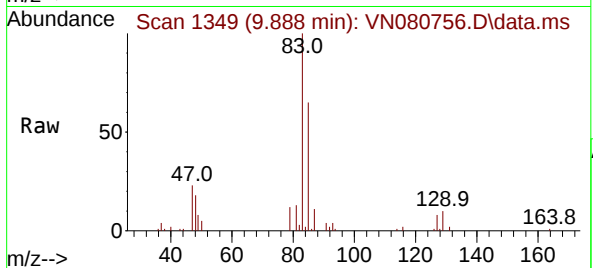
#47
Bromodichloromethane
Concen: 17.534 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0123WBSD01

Tgt Ion: 83 Resp: 5733
Ion Ratio Lower Upper
83 100
85 65.5 49.6 74.4
127 7.8 7.0 10.6

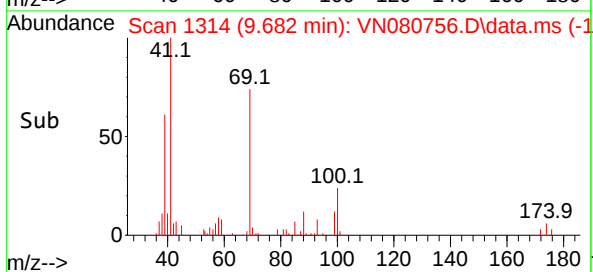
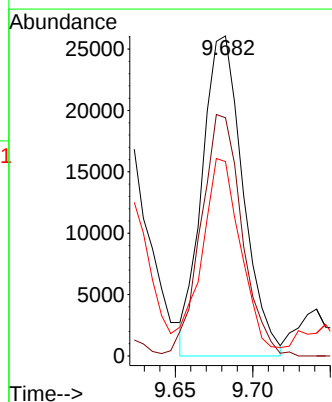
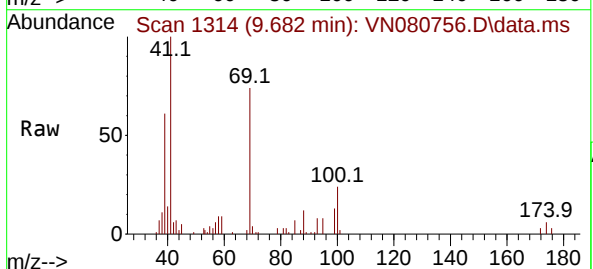
Manual Integrations
APPROVED

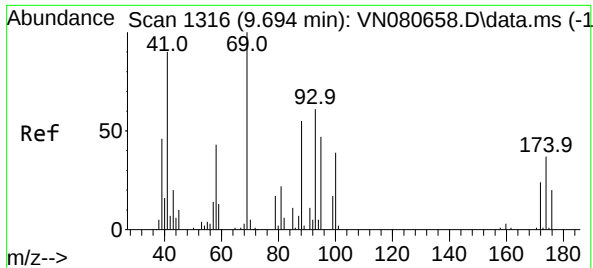
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#48
Methyl methacrylate
Concen: 18.161 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

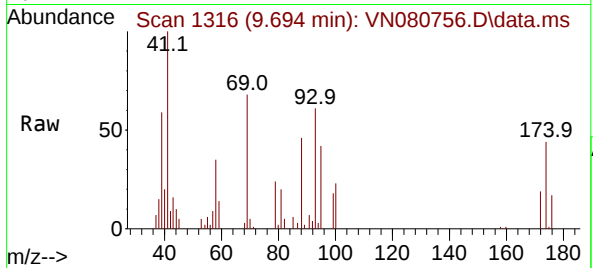
Tgt Ion: 41 Resp: 47879
Ion Ratio Lower Upper
41 100
69 75.7 90.4 135.6#
39 60.4 54.6 81.8





#49
1,4-Dioxane
Concen: 350.447 ug/l
RT: 9.694 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

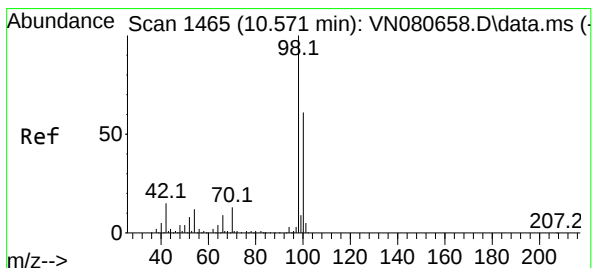
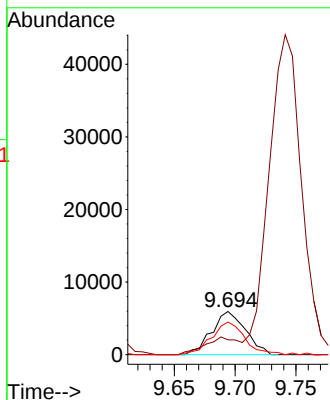
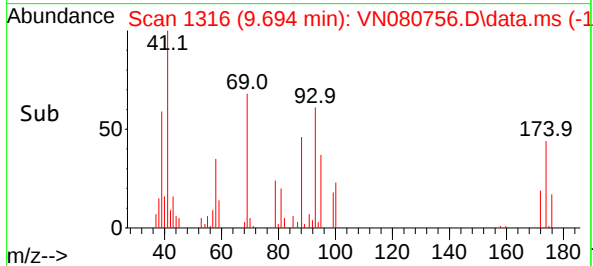
Instrument :
MSVOA_N
ClientSampleId :
VN0123WBSD01



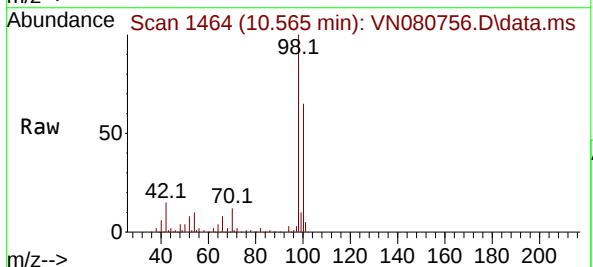
Tgt Ion: 88 Resp: 1151
Ion Ratio Lower Upper
88 100
43 41.0 17.0 25.6
58 75.6 47.0 70.4

Manual Integrations
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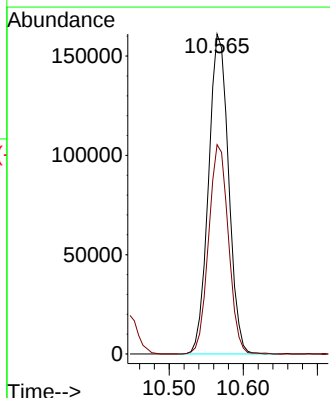
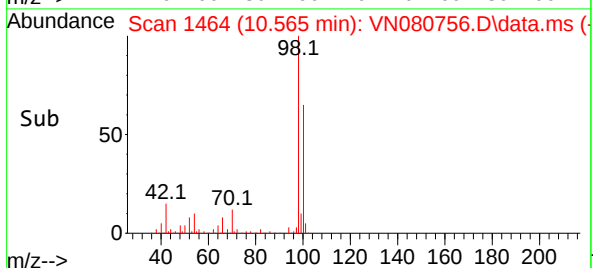
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

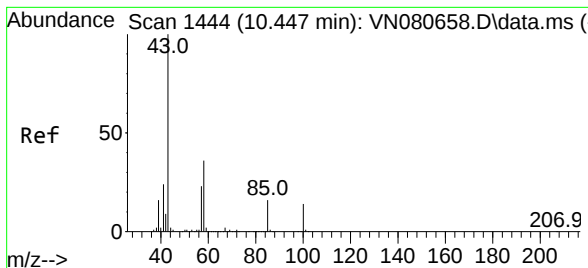


#50
Toluene-d8
Concen: 51.989 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12



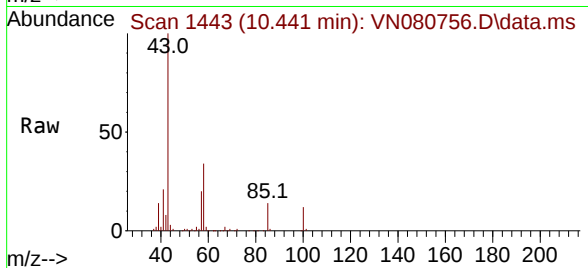
Tgt Ion: 98 Resp: 302331
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 95.122 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

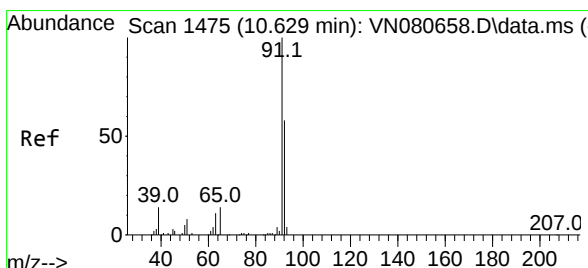
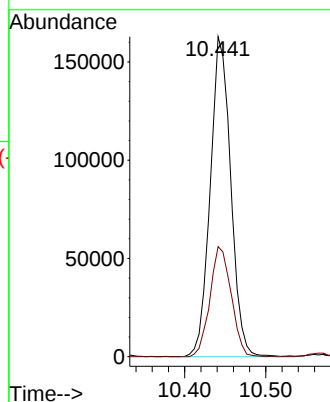
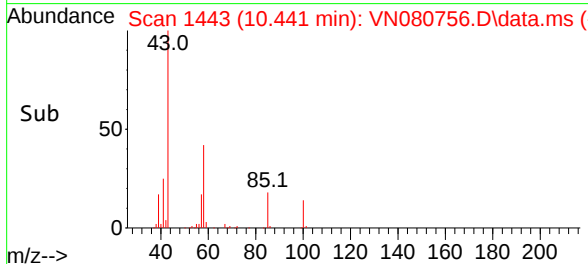
Instrument :
MSVOA_N
ClientSampleId :
VN0123WBSD01



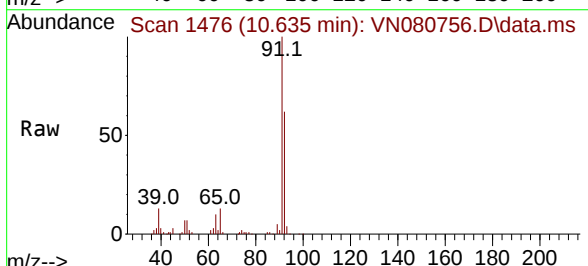
Tgt Ion: 43 Resp: 285758
Ion Ratio Lower Upper
43 100
58 35.7 36.6 54.8

Manual Integrations
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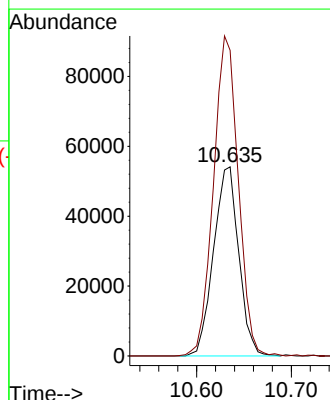
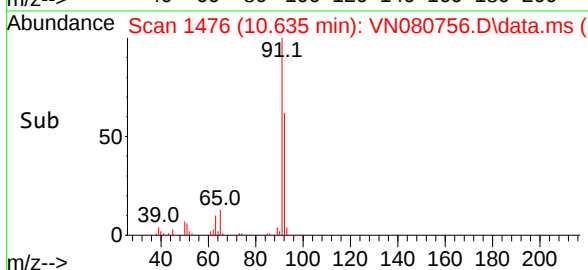
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

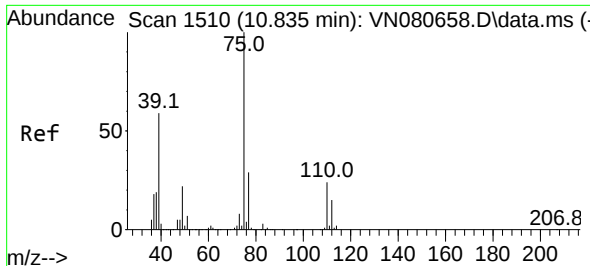


#52
Toluene
Concen: 19.834 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12



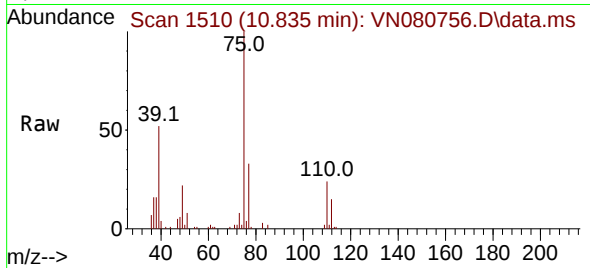
Tgt Ion: 92 Resp: 99803
Ion Ratio Lower Upper
92 100
91 167.2 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 17.884 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN080756.D
 Acq: 23 Jan 2024 12:12

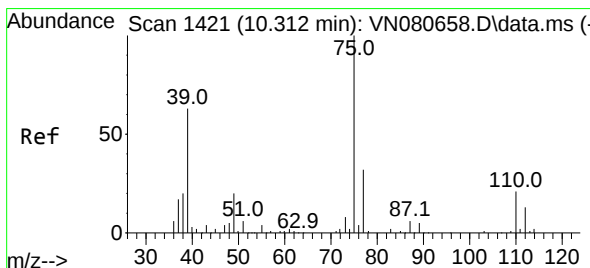
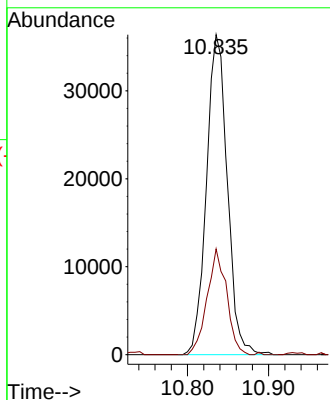
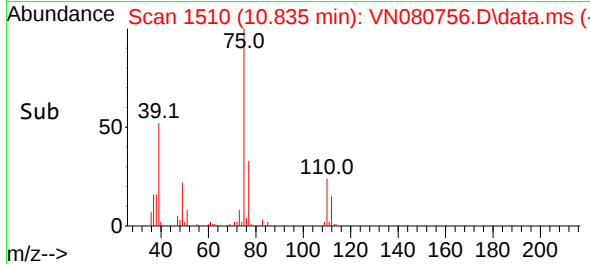
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0123WBSD01



Tgt Ion: 75 Resp: 64904
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.4 38.0

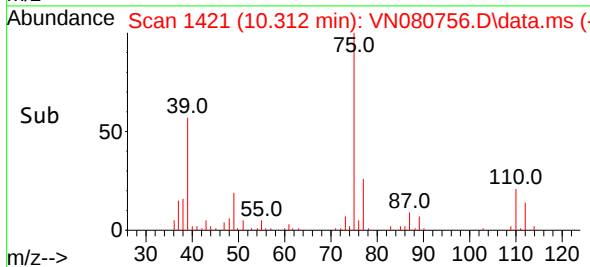
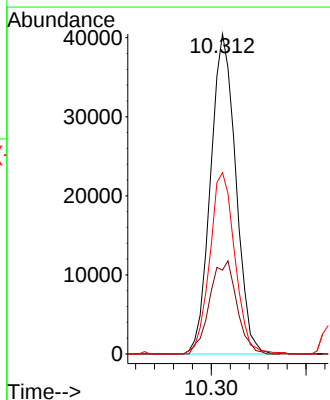
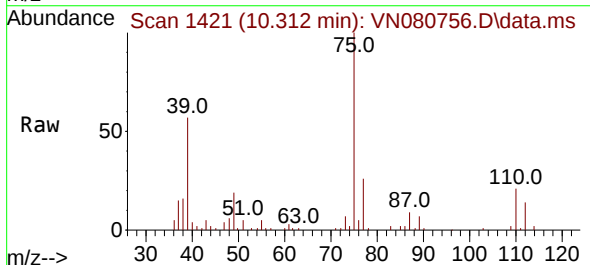
Manual Integrations
 APPROVED

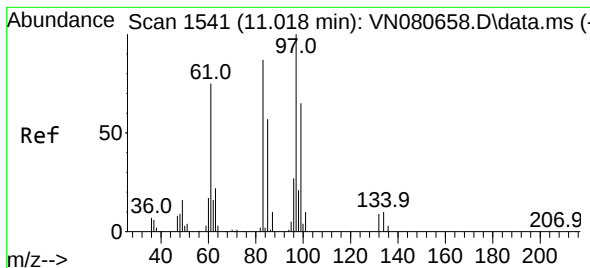
Reviewed By :John Carlone 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024



#54
 cis-1,3-Dichloropropene
 Concen: 19.395 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN080756.D
 Acq: 23 Jan 2024 12:12

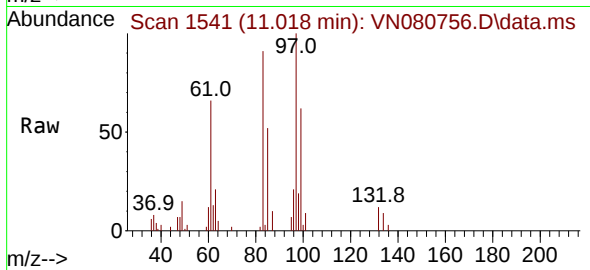
Tgt Ion: 75 Resp: 74644
 Ion Ratio Lower Upper
 75 100
 77 26.2 26.1 39.1
 39 56.7 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 20.071 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

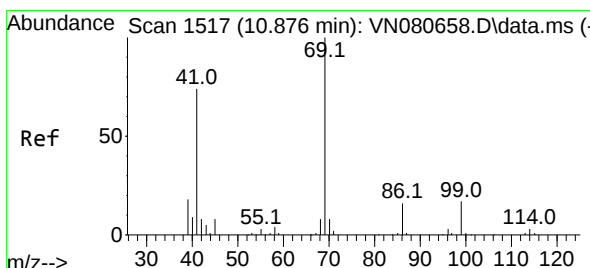
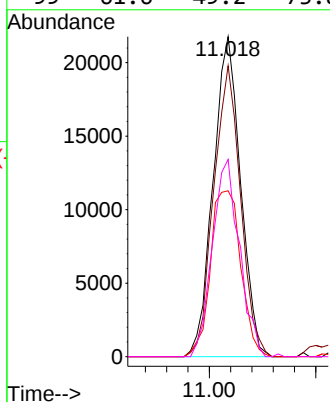
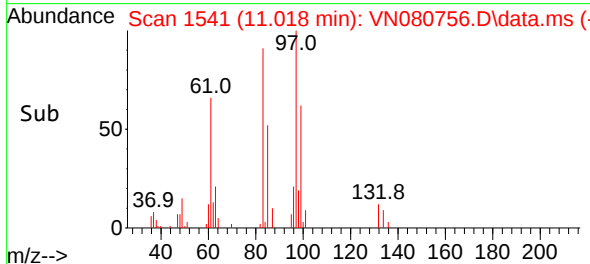
Instrument :
MSVOA_N
ClientSampleId :
VN0123WBSD01



Tgt Ion:	97	Resp:	3887
Ion	Ratio	Lower	Upper
97	100		
83	90.9	65.1	97.7
85	51.9	43.4	65.2
99	61.6	49.2	73.8

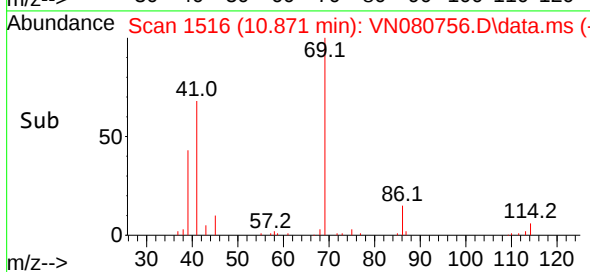
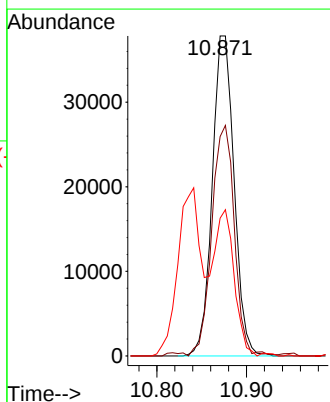
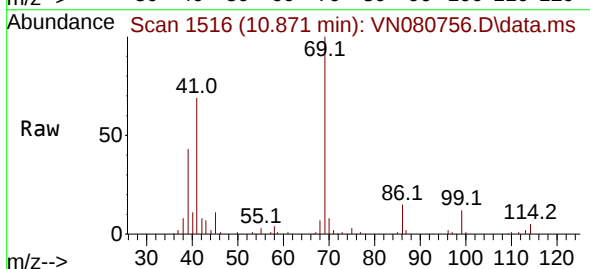
Manual Integrations
APPROVED

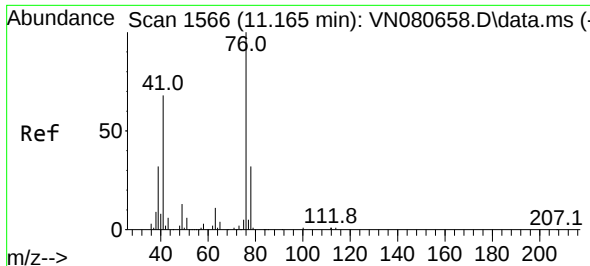
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#56
Ethyl methacrylate
Concen: 18.473 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

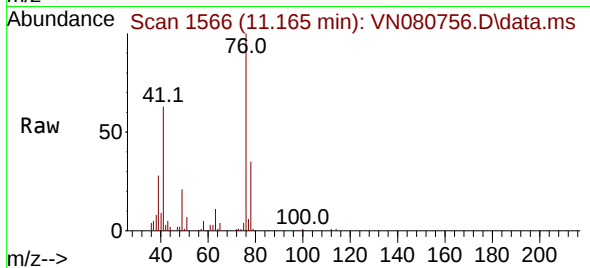
Tgt Ion:	69	Resp:	64083
Ion	Ratio	Lower	Upper
69	100		
41	74.5	39.6	59.4#
39	39.7	28.6	43.0





#57
1,3-Dichloropropane
Concen: 20.579 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

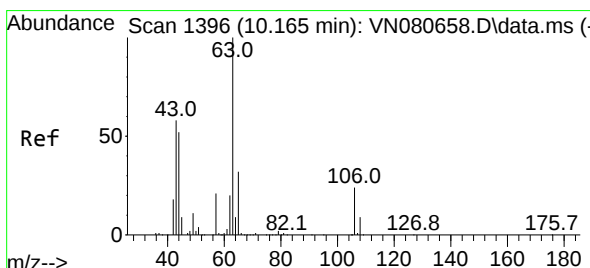
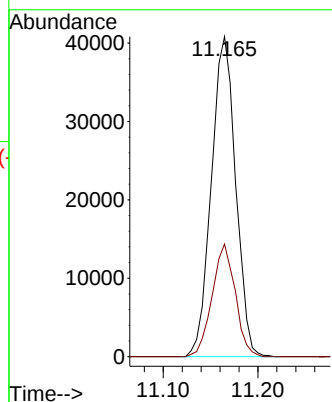
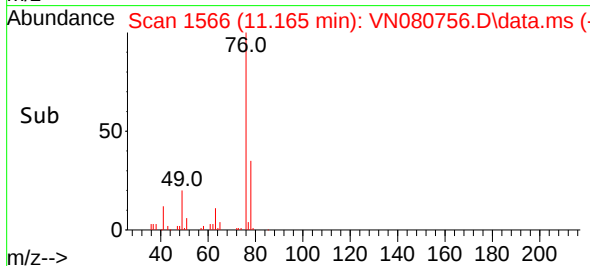
Instrument :
MSVOA_N
ClientSampleId :
VN0123WBSD01



Tgt Ion: 76 Resp: 72764
Ion Ratio Lower Upper
76 100
78 33.5 26.1 39.1

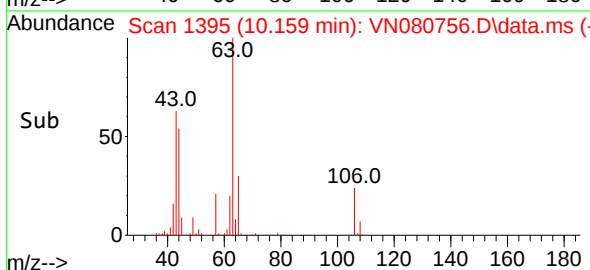
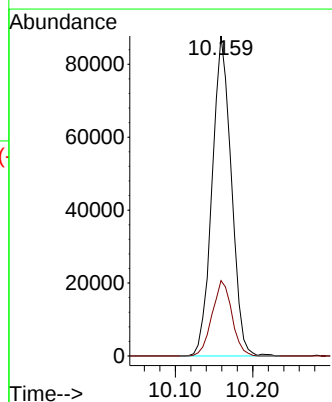
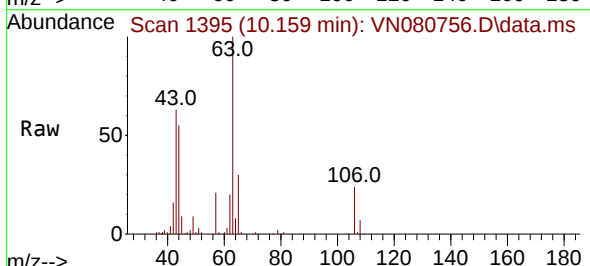
Manual Integrations
APPROVED

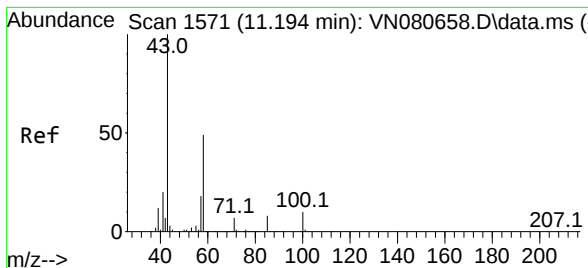
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#58
2-Chloroethyl Vinyl ether
Concen: 91.074 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

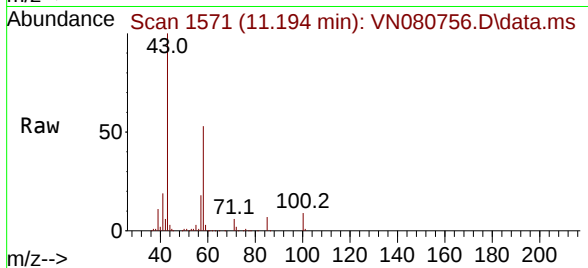
Tgt Ion: 63 Resp: 151324
Ion Ratio Lower Upper
63 100
106 24.2 26.2 39.4#





#59
2-Hexanone
Concen: 93.103 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

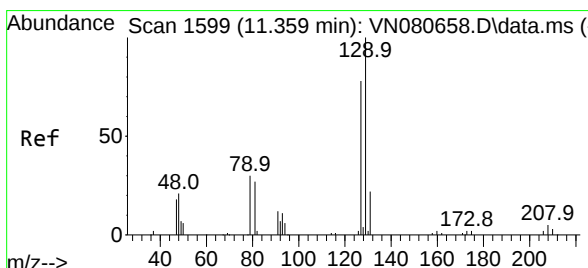
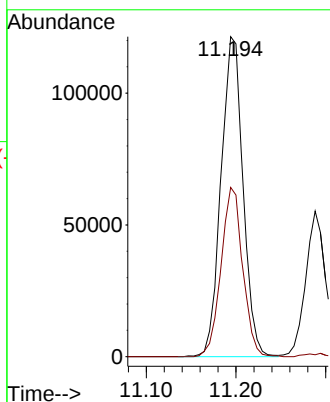
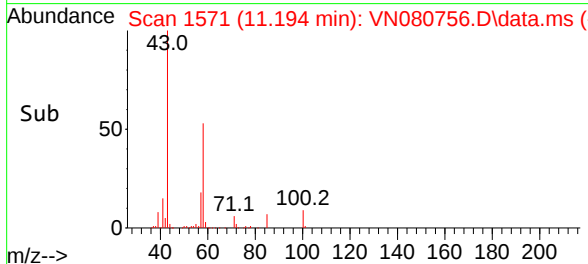
Instrument :
MSVOA_N
ClientSampleId :
VN0123WBSD01



Tgt Ion: 43 Resp: 206472
Ion Ratio Lower Upper
43 100
58 52.1 31.7 95.1

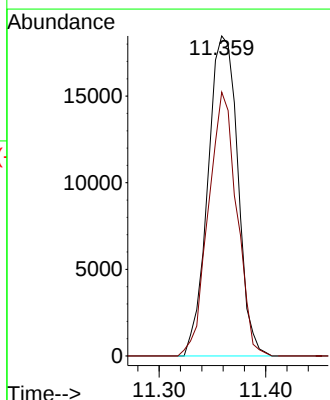
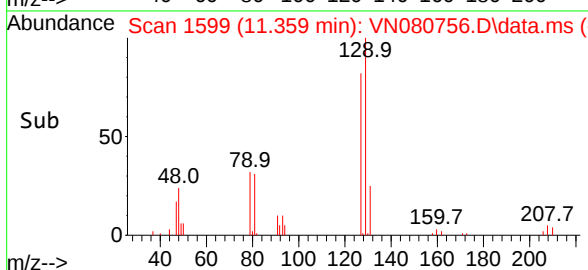
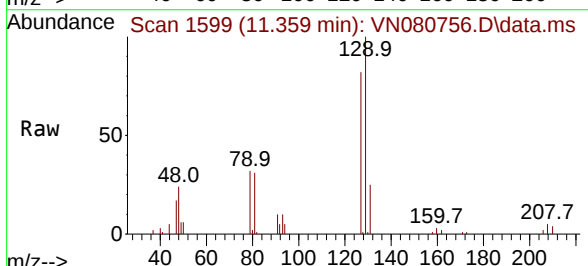
Manual Integrations
APPROVED

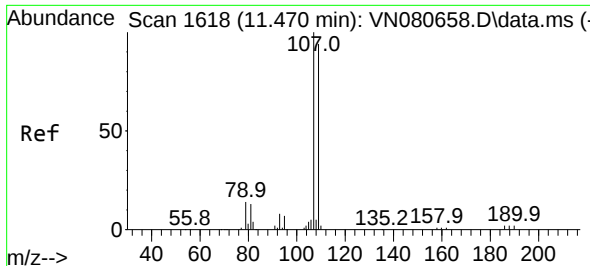
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#60
Dibromochloromethane
Concen: 18.087 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

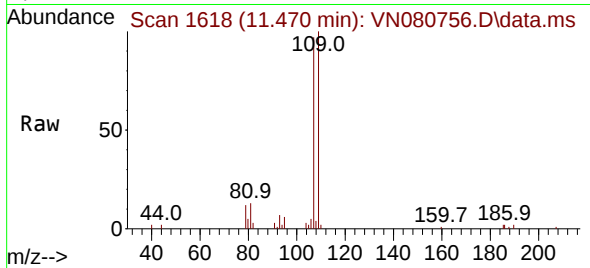
Tgt Ion:129 Resp: 36002
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.756 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

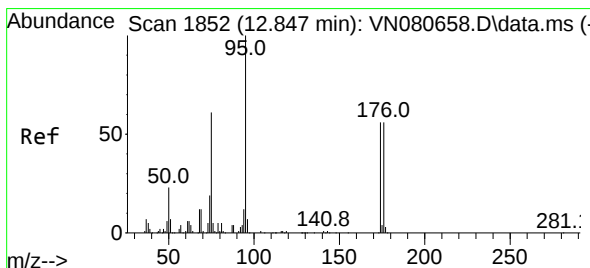
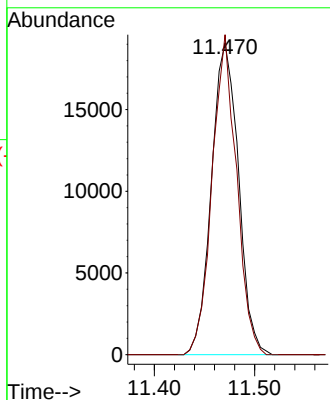
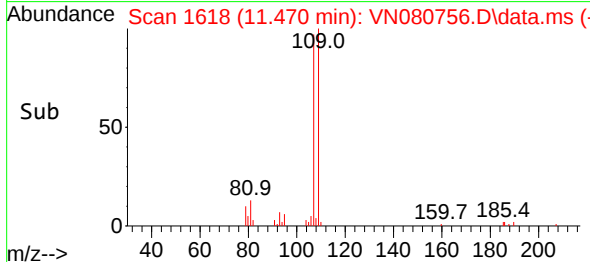
Instrument :
MSVOA_N
ClientSampleId :
VN0123WBSD01



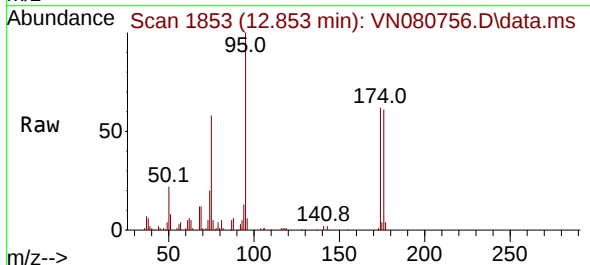
Tgt Ion:107 Resp: 35710
Ion Ratio Lower Upper
107 100
109 92.7 76.6 114.8

Manual Integrations
APPROVED

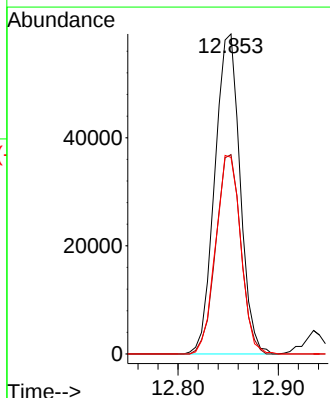
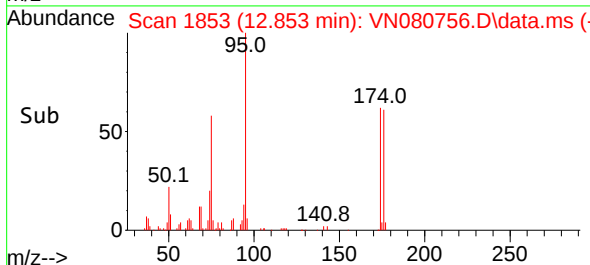
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

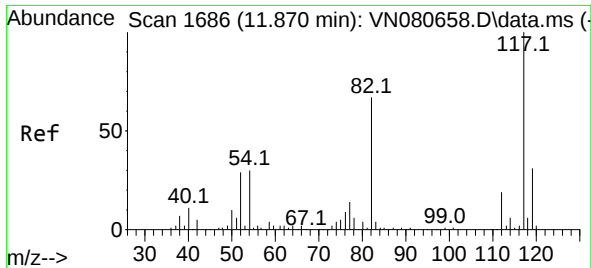


#62
4-Bromofluorobenzene
Concen: 46.465 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12



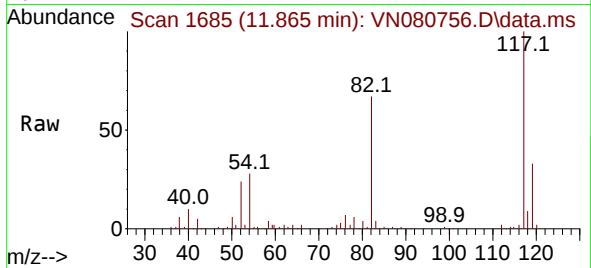
Tgt Ion: 95 Resp: 103619
Ion Ratio Lower Upper
95 100
174 61.5 0.0 143.8
176 61.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

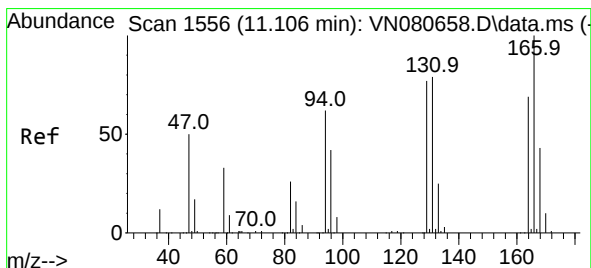
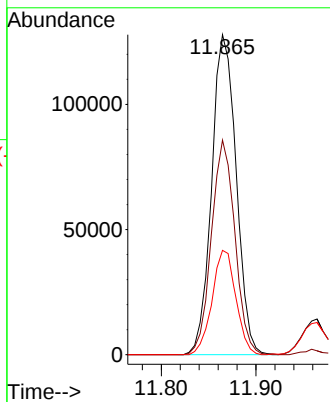
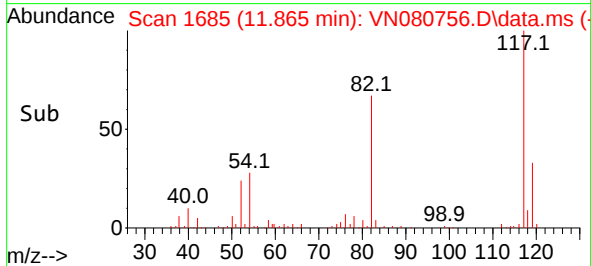
Instrument :
MSVOA_N
ClientSampleId :
VN0123WBSD01



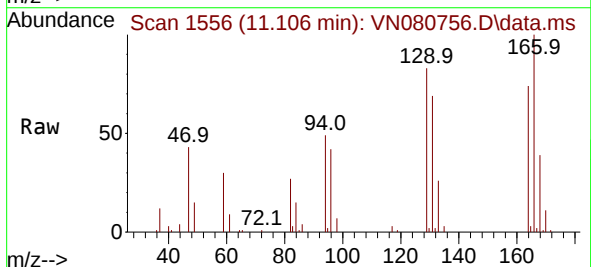
Tgt Ion:117 Resp: 22981
Ion Ratio Lower Upper
117 100
82 67.1 44.0 66.0
119 32.6 25.6 38.4

Manual Integrations
APPROVED

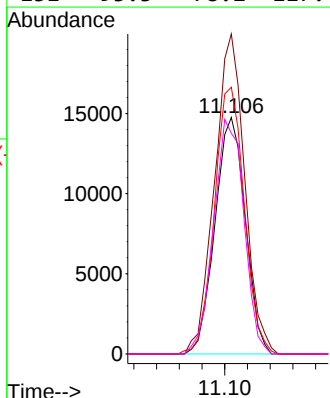
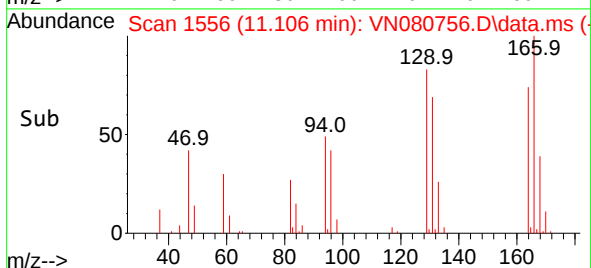
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

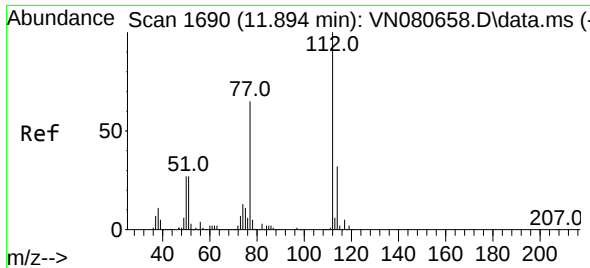


#64
Tetrachloroethene
Concen: 17.288 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12



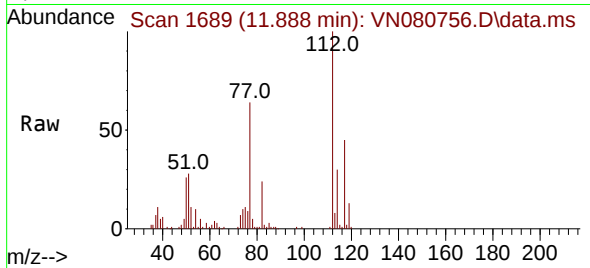
Tgt Ion:164 Resp: 27285
Ion Ratio Lower Upper
164 100
166 135.3 101.4 152.0
129 112.8 82.4 123.6
131 93.3 78.2 117.4





#65
Chlorobenzene
Concen: 18.515 ug/l
RT: 11.888 min Scan# 1188
Delta R.T. -0.006 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

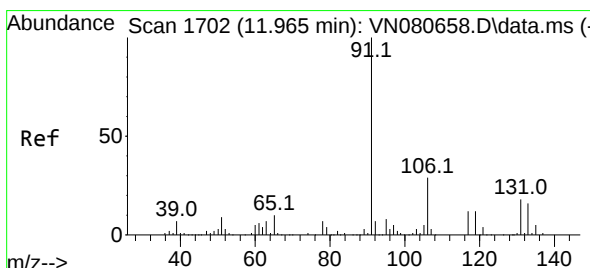
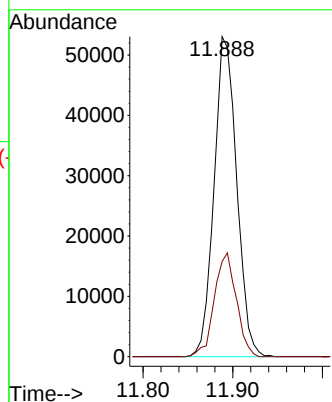
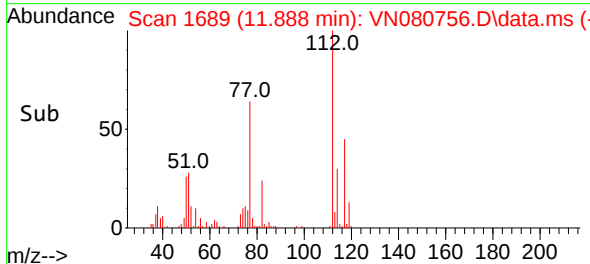
Instrument :
MSVOA_N
ClientSampleId :
VN0123WBSD01



Tgt Ion:112 Resp: 92962
Ion Ratio Lower Upper
112 100
114 29.7 25.0 37.4

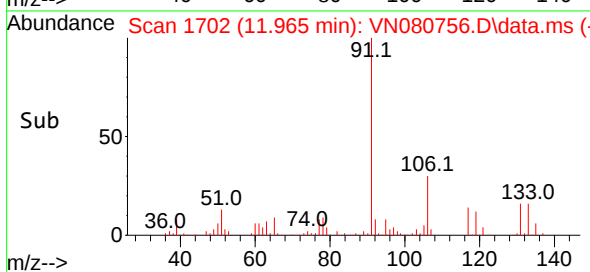
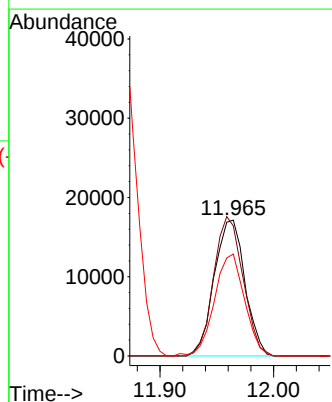
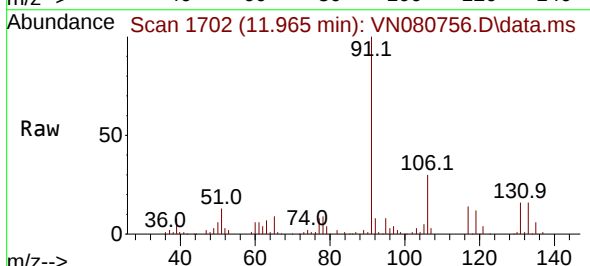
Manual Integrations
APPROVED

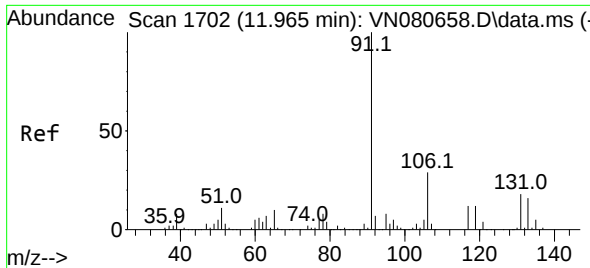
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 18.028 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

Tgt Ion:131 Resp: 32139
Ion Ratio Lower Upper
131 100
133 98.6 46.4 139.1
119 73.7 34.1 102.2





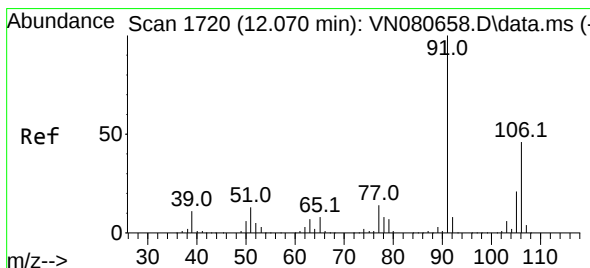
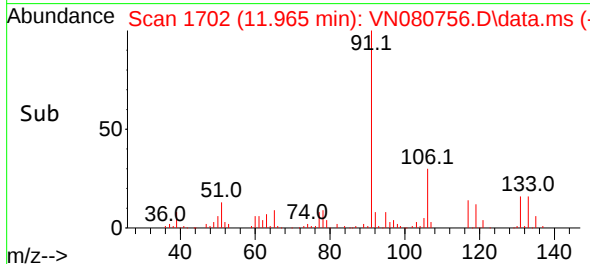
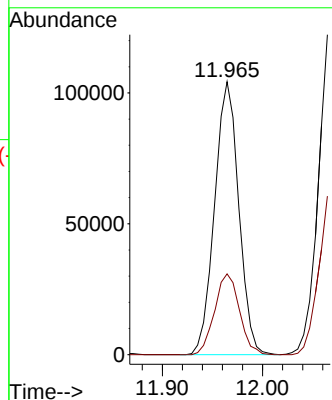
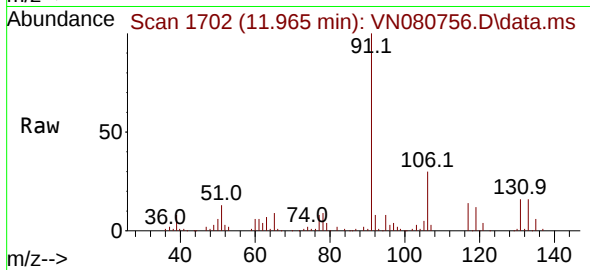
#67
Ethyl Benzene
Concen: 18.206 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0123WBSD01

Tgt Ion: 91 Resp: 174550
Ion Ratio Lower Upper
91 100
106 29.6 25.6 38.4

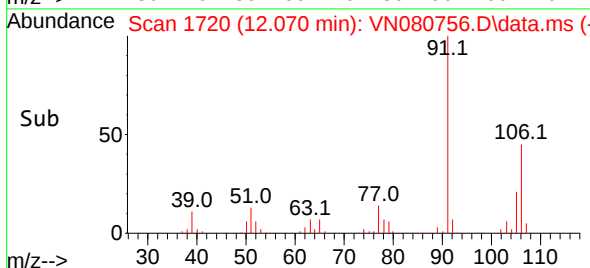
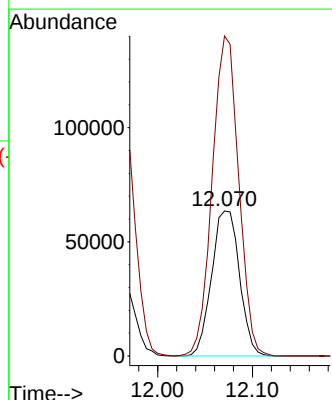
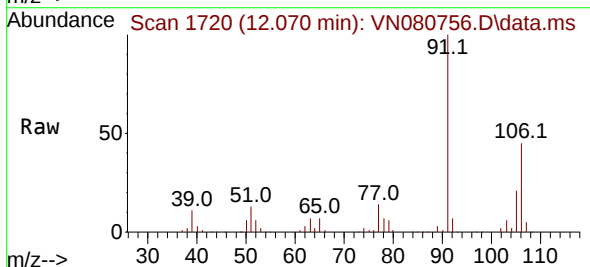
Manual Integrations
APPROVED

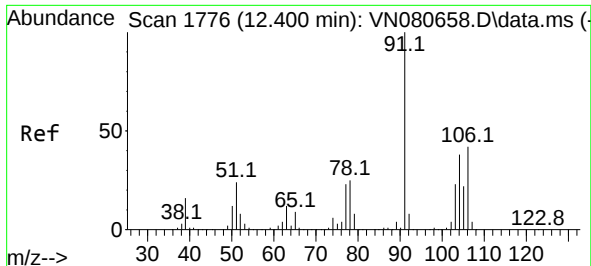
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#68
m/p-Xylenes
Concen: 38.468 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

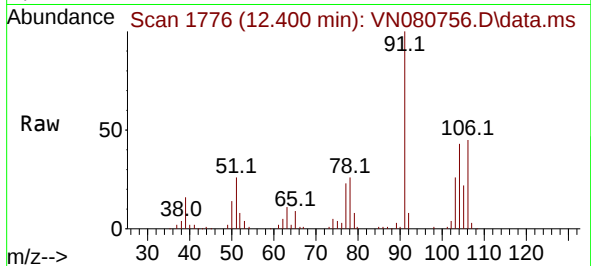
Tgt Ion:106 Resp: 129664
Ion Ratio Lower Upper
106 100
91 209.7 159.6 239.4





#69
o-Xylene
Concen: 19.155 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

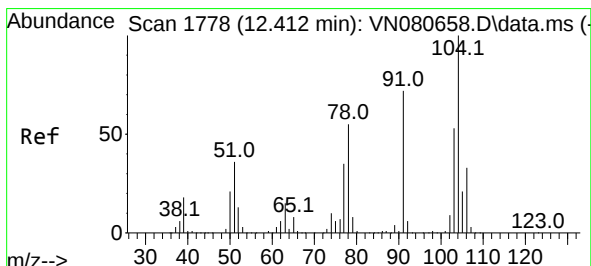
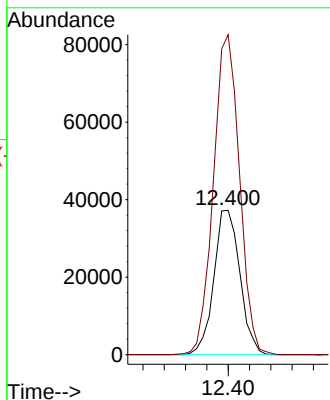
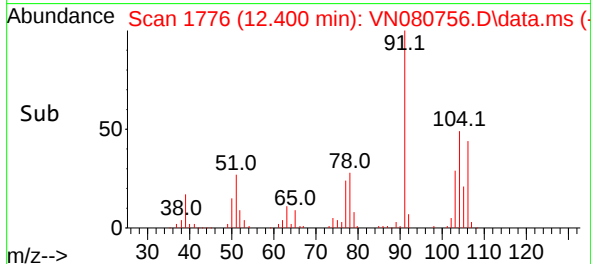
Instrument :
MSVOA_N
ClientSampleId :
VN0123WBSD01



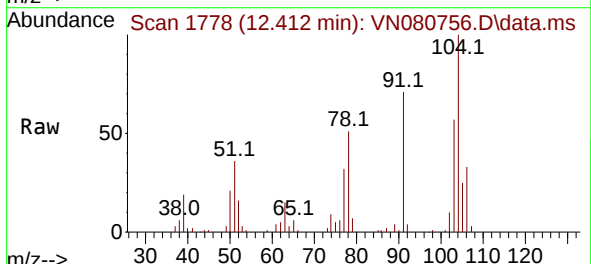
Tgt Ion:106 Resp: 63129
Ion Ratio Lower Upper
106 100
91 222.6 105.2 315.5

Manual Integrations
APPROVED

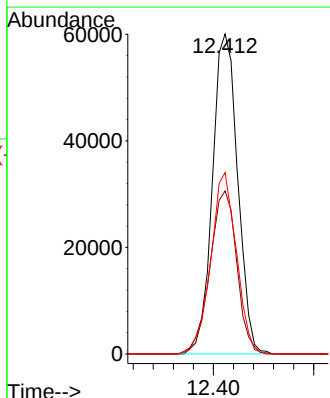
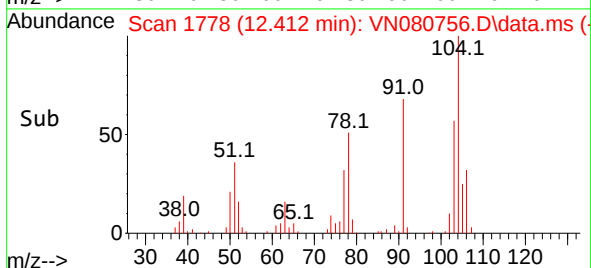
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

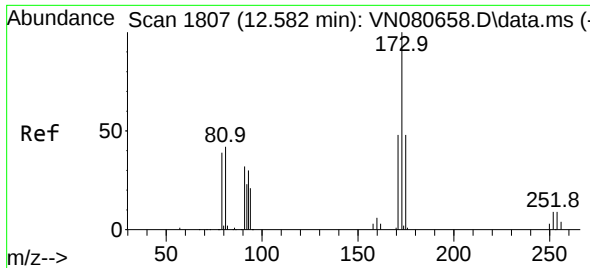


#70
Styrene
Concen: 18.731 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12



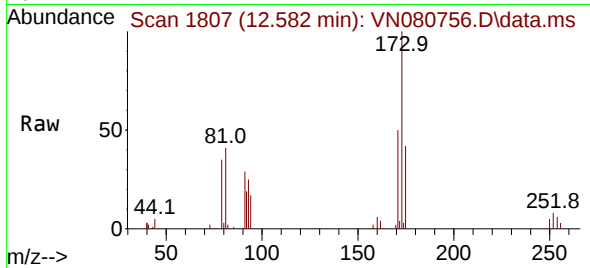
Tgt Ion:104 Resp: 104826
Ion Ratio Lower Upper
104 100
78 54.2 39.5 59.3
103 57.4 43.2 64.8





#71
Bromoform
Concen: 16.870 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

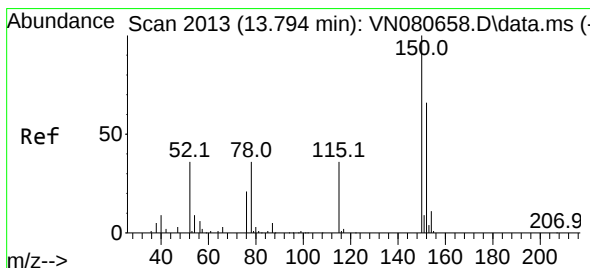
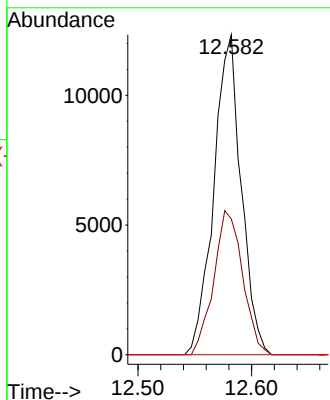
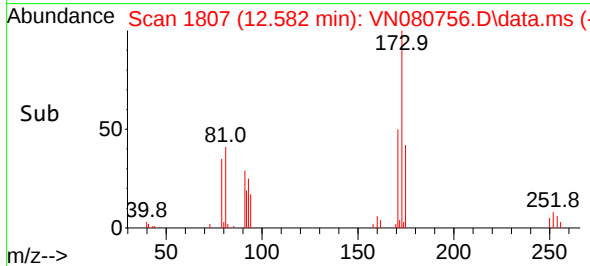
Instrument :
MSVOA_N
ClientSampleId :
VN0123WBSD01



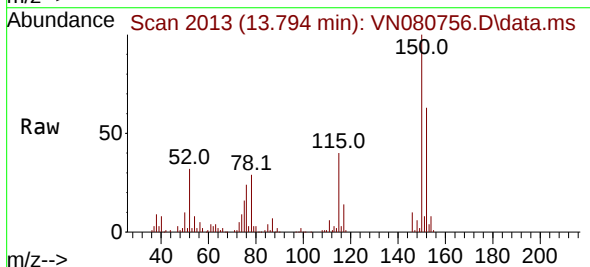
Tgt Ion:173 Resp: 20690
Ion Ratio Lower Upper
173 100
175 47.4 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

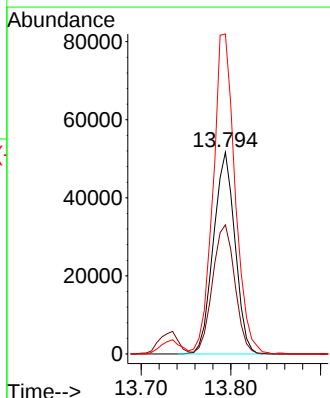
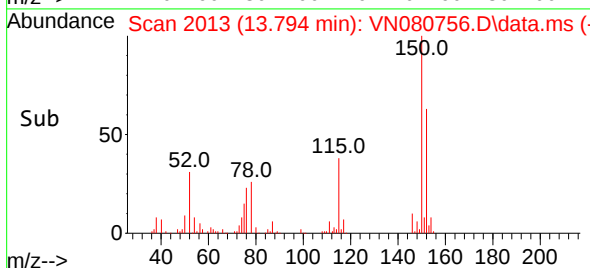
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

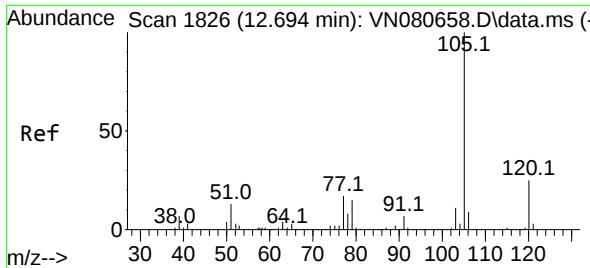


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12



Tgt Ion:152 Resp: 86047
Ion Ratio Lower Upper
152 100
115 66.4 32.3 96.8
150 162.8 0.0 355.8





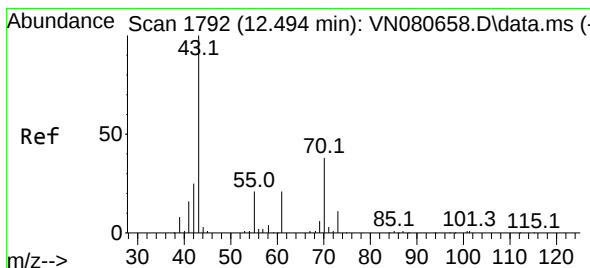
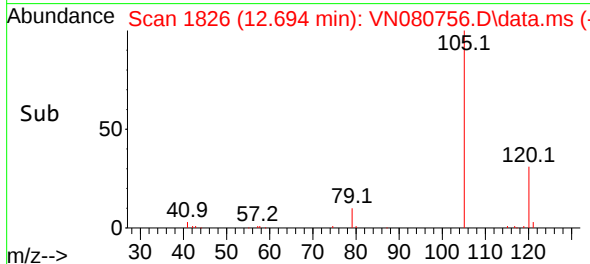
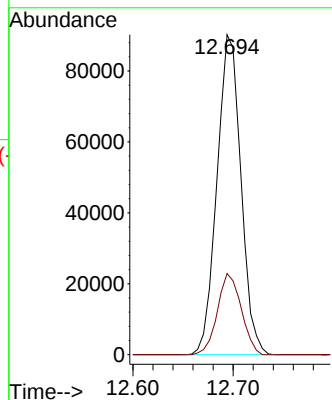
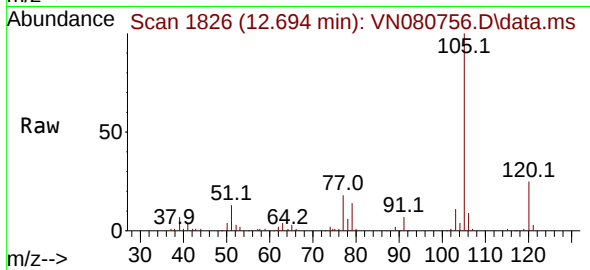
#73
Isopropylbenzene
Concen: 18.291 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0123WBSD01

Tgt Ion:105 Resp: 149668
Ion Ratio Lower Upper
105 100
120 25.2 13.1 39.1

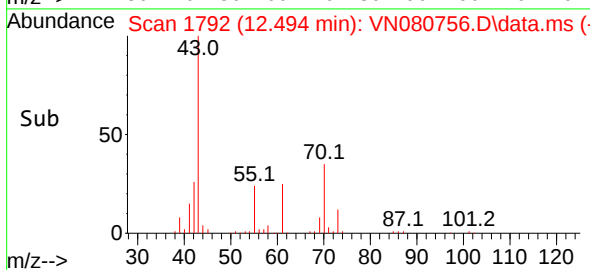
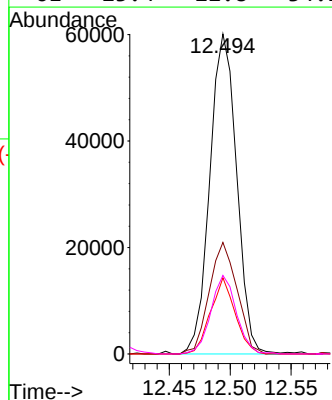
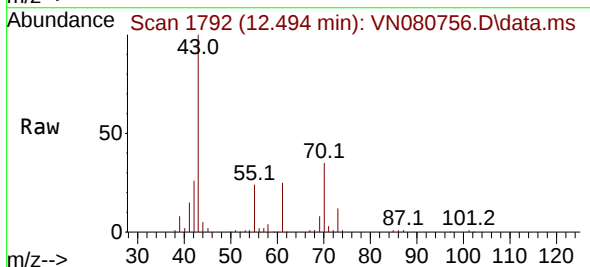
Manual Integrations
APPROVED

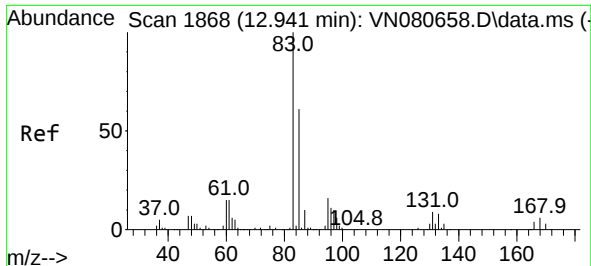
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#74
N-ethyl acetate
Concen: 18.760 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

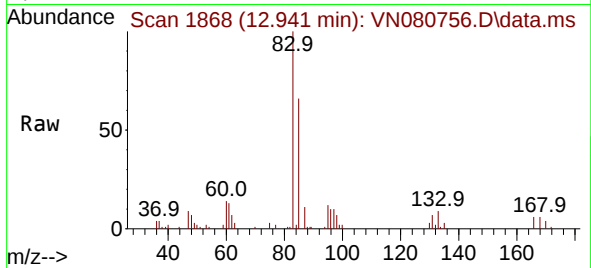
Tgt Ion: 43 Resp: 92119
Ion Ratio Lower Upper
43 100
70 36.2 43.4 65.2#
55 21.9 21.4 32.0
61 23.4 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.649 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

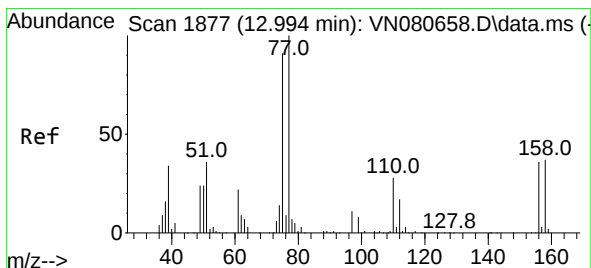
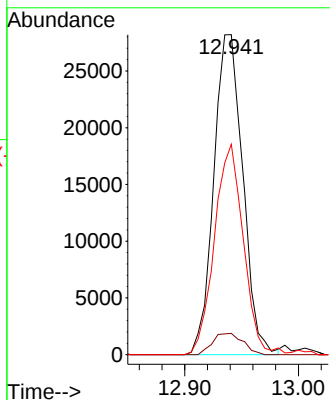
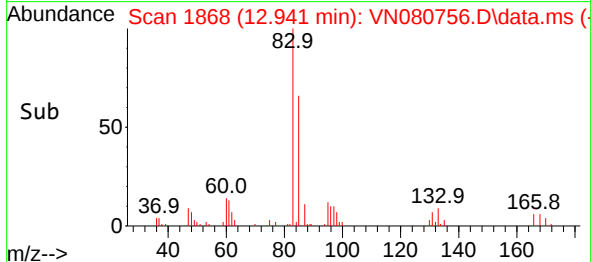
Instrument :
MSVOA_N
ClientSampleId :
VN0123WBSD01



Tgt Ion: 83 Resp: 5005
Ion Ratio Lower Upper
83 100
131 7.0 5.0 15.0
85 65.6 31.9 95.7

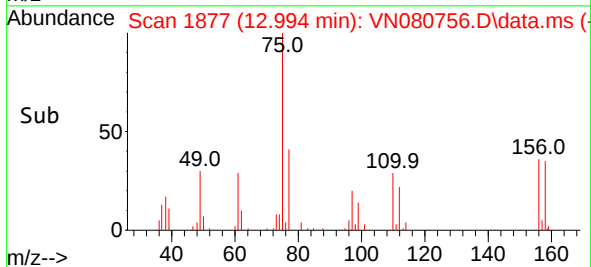
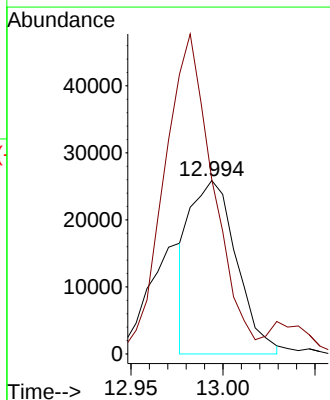
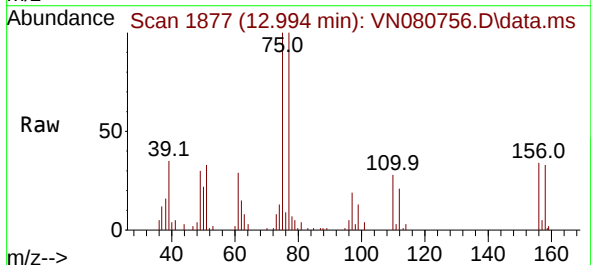
Manual Integrations
APPROVED

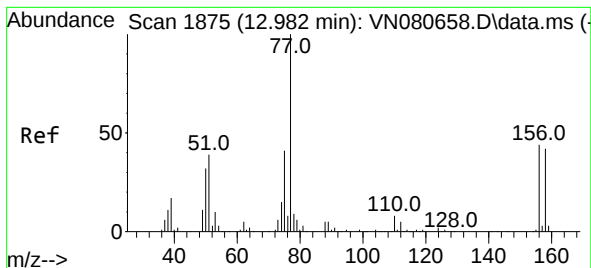
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#76
1,2,3-Trichloropropane
Concen: 17.062 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

Tgt Ion: 75 Resp: 45271
Ion Ratio Lower Upper
75 100
77 196.7 84.5 253.5





#77

Bromobenzene

Concen: 17.450 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080756.D

Acq: 23 Jan 2024 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0123WBSD01

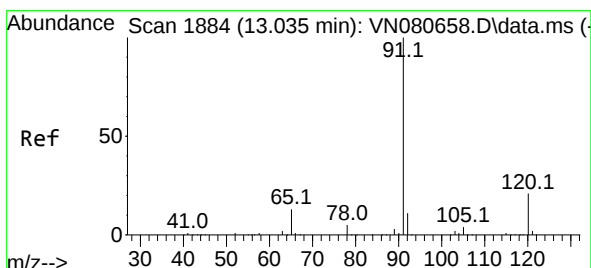
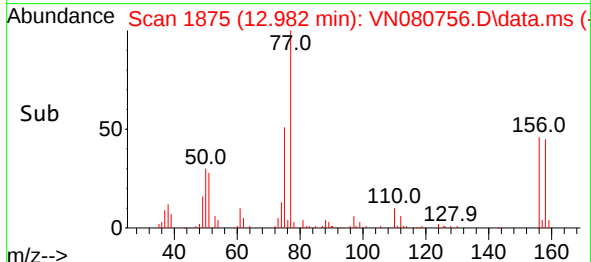
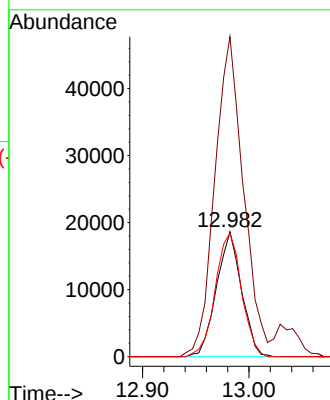
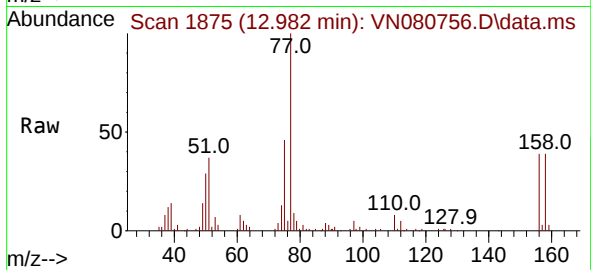
Tgt Ion:	156	Resp:	3032
Ion Ratio	Lower	Upper	
156	100		
77	293.6	107.7	323.3
158	103.7	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#78

n-propylbenzene

Concen: 17.991 ug/l

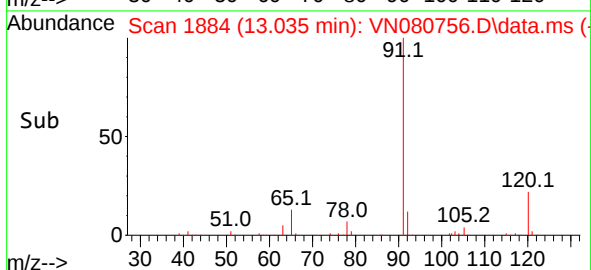
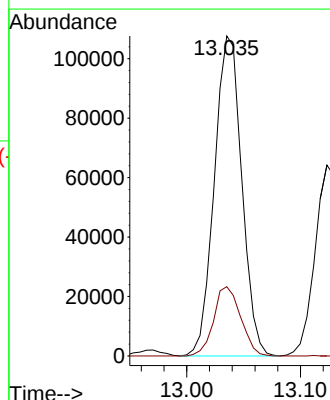
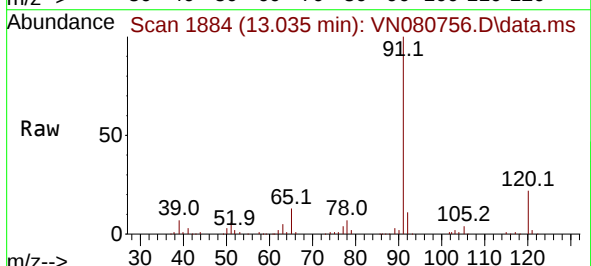
RT: 13.035 min Scan# 1884

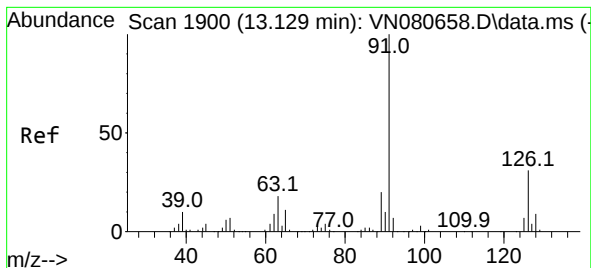
Delta R.T. 0.000 min

Lab File: VN080756.D

Acq: 23 Jan 2024 12:12

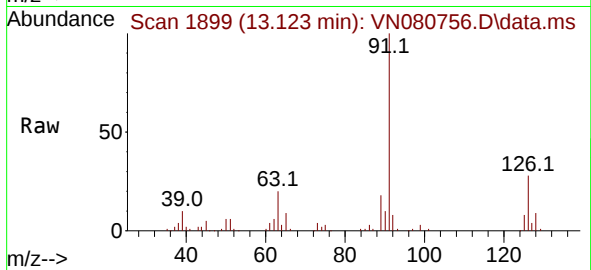
Tgt Ion:	91	Resp:	180584
Ion Ratio	Lower	Upper	
91	100		
120	21.3	11.5	34.4





#79
2-Chlorotoluene
Concen: 17.666 ug/l
RT: 13.123 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

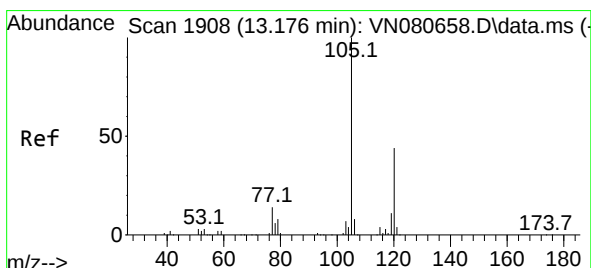
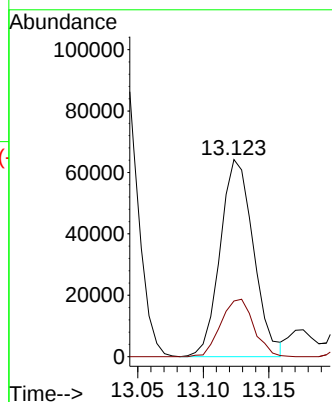
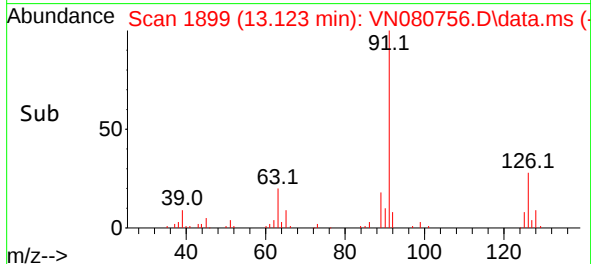
Instrument :
MSVOA_N
ClientSampleId :
VN0123WBSD01



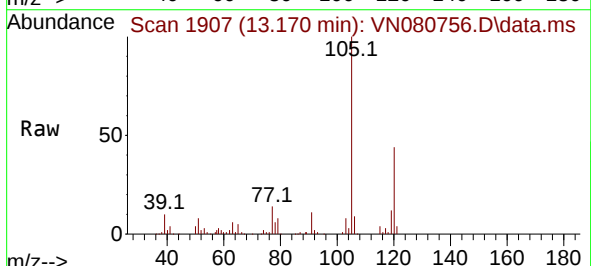
Tgt Ion: 91 Resp: 113638
Ion Ratio Lower Upper
91 100
126 28.8 16.3 48.8

Manual Integrations
APPROVED

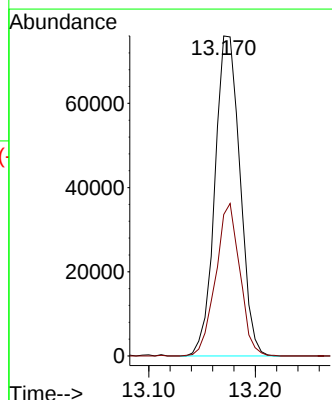
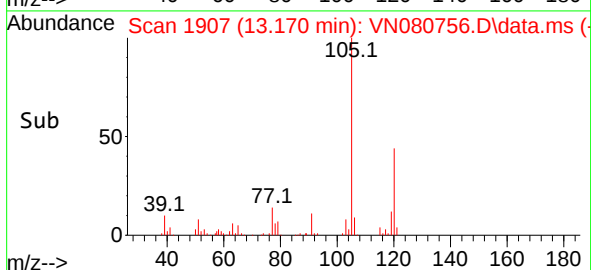
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

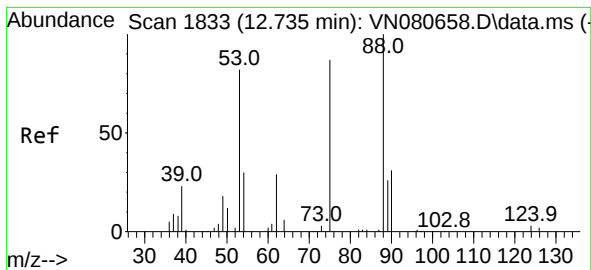


#80
1,3,5-Trimethylbenzene
Concen: 18.236 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12



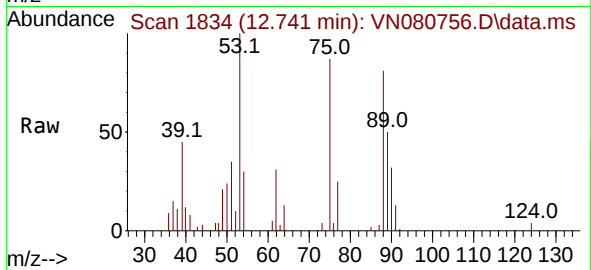
Tgt Ion:105 Resp: 124353
Ion Ratio Lower Upper
105 100
120 45.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 15.997 ug/l
RT: 12.741 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

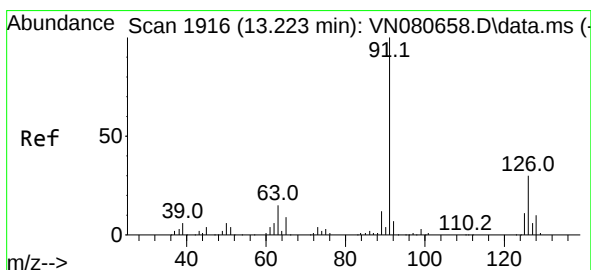
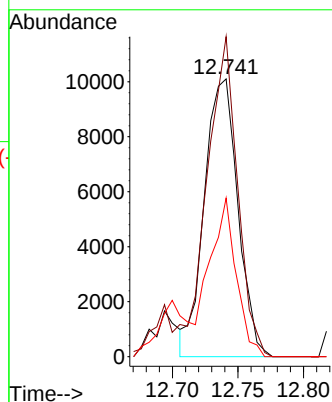
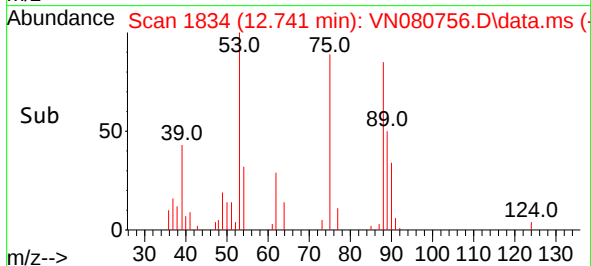
Instrument :
MSVOA_N
ClientSampleId :
VN0123WBSD01



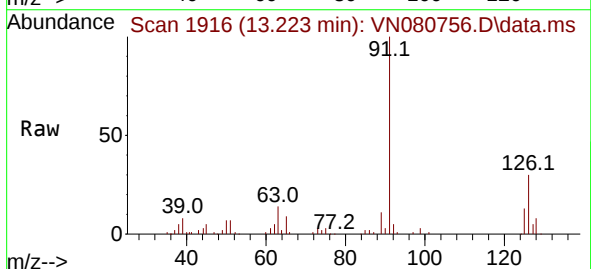
Tgt Ion: 75 Resp: 1800
Ion Ratio Lower Upper
75 100
53 101.4 67.4 101.2
89 44.8 38.8 58.2

Manual Integrations
APPROVED

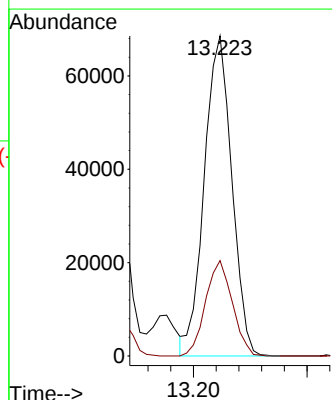
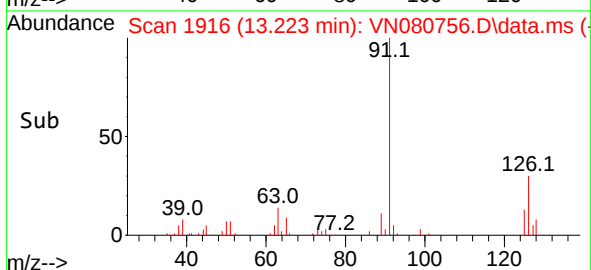
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

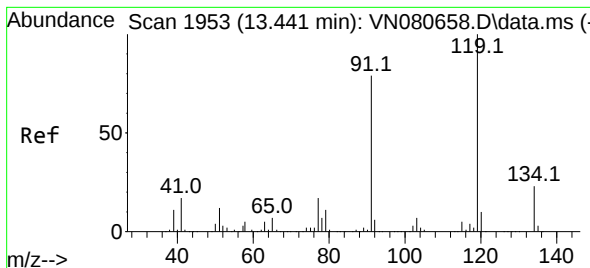


#82
4-Chlorotoluene
Concen: 18.291 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12



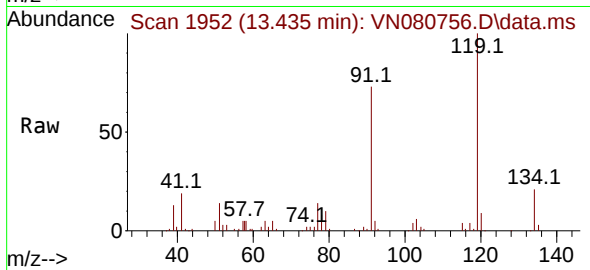
Tgt Ion: 91 Resp: 115349
Ion Ratio Lower Upper
91 100
126 29.0 16.7 50.0





#83
tert-Butylbenzene
Concen: 17.380 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.006 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

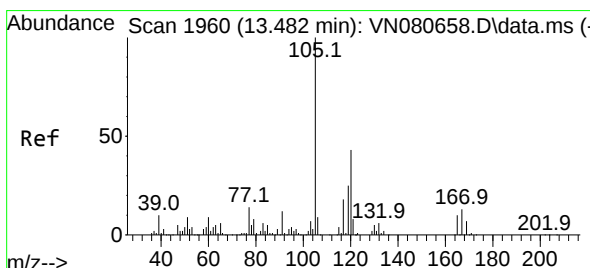
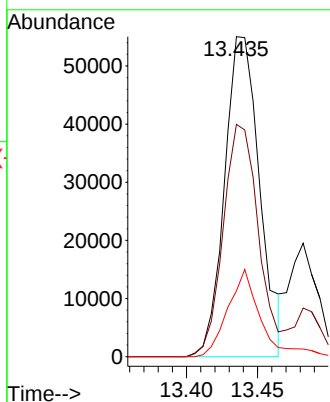
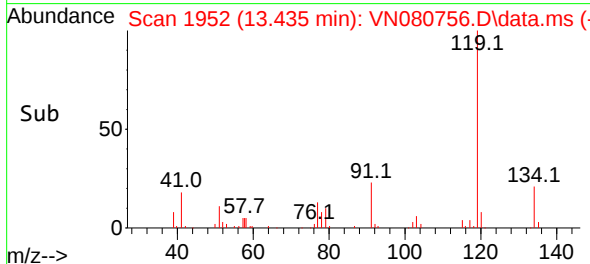
Instrument :
MSVOA_N
ClientSampleId :
VN0123WBSD01



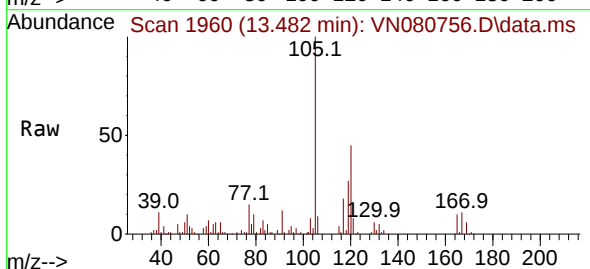
Tgt Ion:119 Resp: 94748
Ion Ratio Lower Upper
119 100
91 74.0 33.9 101.7
134 25.5 13.2 39.6

Manual Integrations
APPROVED

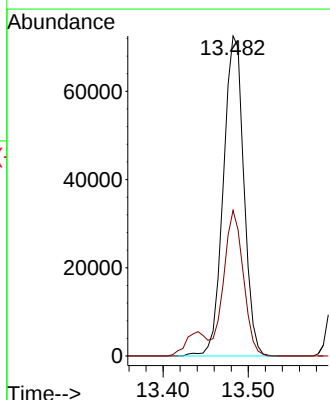
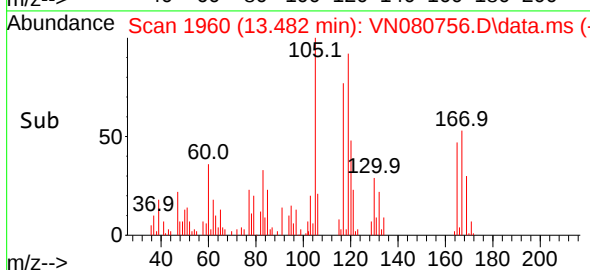
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

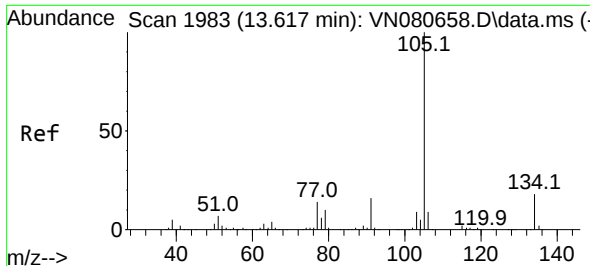


#84
1,2,4-Trimethylbenzene
Concen: 18.081 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12



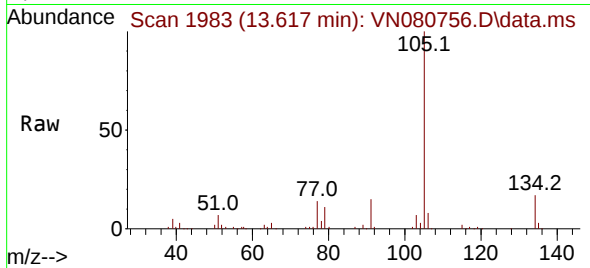
Tgt Ion:105 Resp: 121243
Ion Ratio Lower Upper
105 100
120 43.8 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.589 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080756.D
 Acq: 23 Jan 2024 12:12

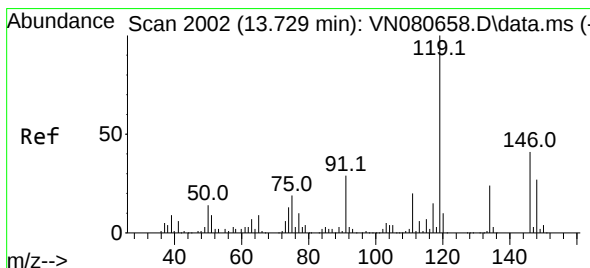
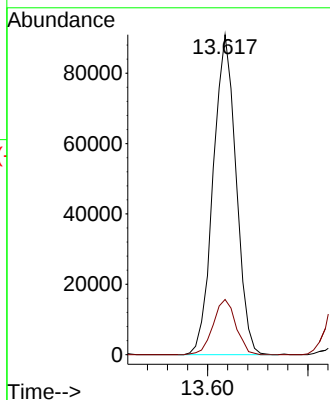
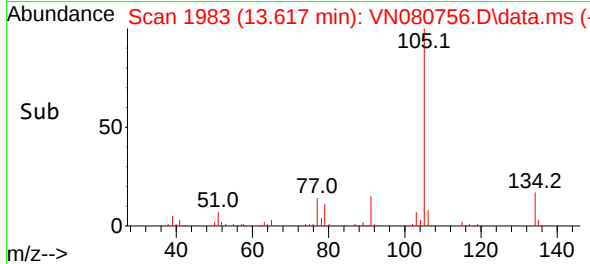
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0123WBSD01



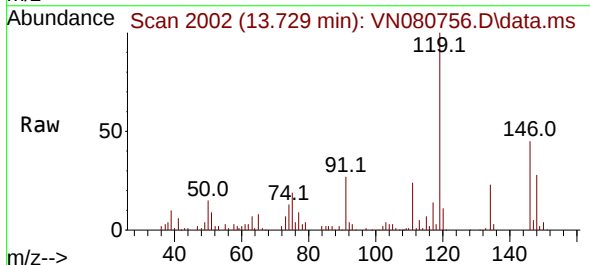
Tgt Ion:105 Resp: 143984
 Ion Ratio Lower Upper
 105 100
 134 17.2 9.8 29.3

Manual Integrations
 APPROVED

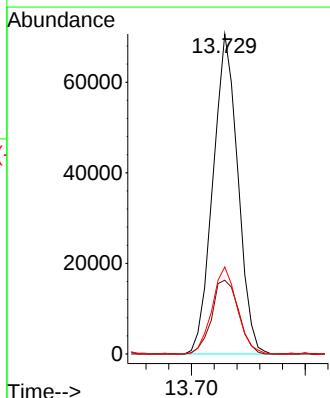
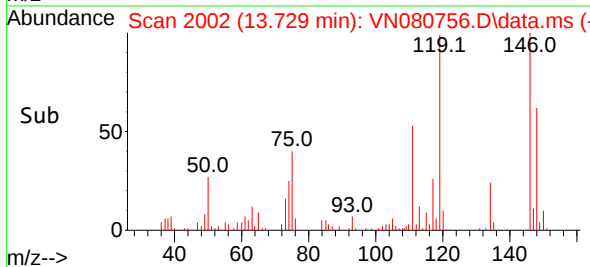
Reviewed By :John Carlone 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024

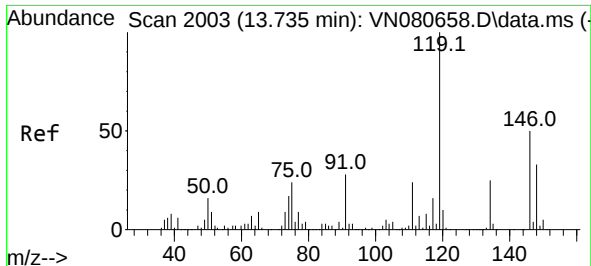


#86
 p-Isopropyltoluene
 Concen: 17.562 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080756.D
 Acq: 23 Jan 2024 12:12



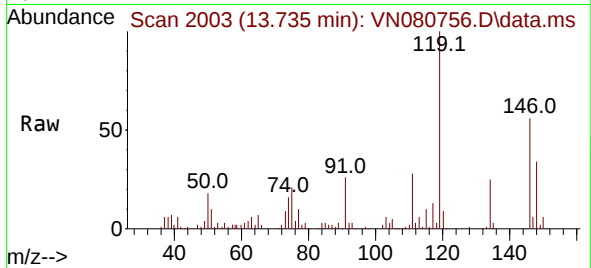
Tgt Ion:119 Resp: 107434
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.6 37.8
 91 27.3 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 18.134 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

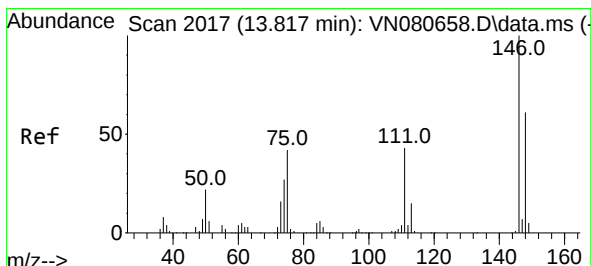
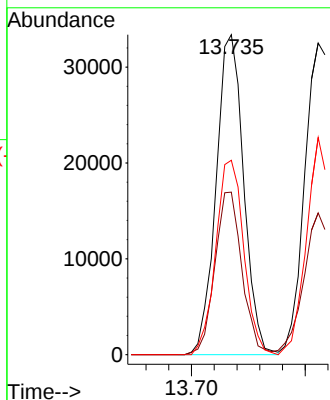
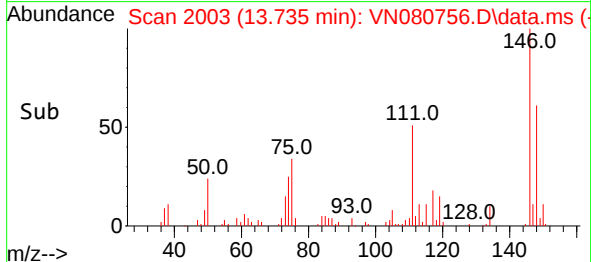
Instrument :
MSVOA_N
ClientSampleId :
VN0123WBSD01



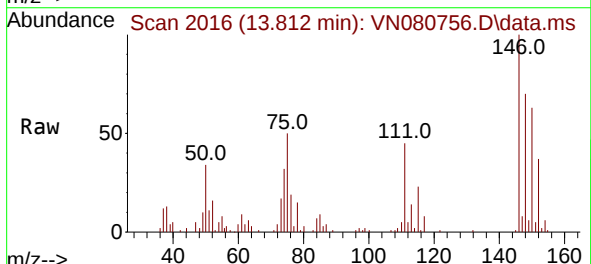
Tgt Ion:146 Resp: 56290
Ion Ratio Lower Upper
146 100
111 49.9 22.1 66.3
148 61.6 32.0 96.0

Manual Integrations
APPROVED

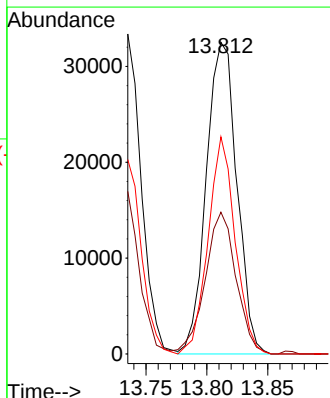
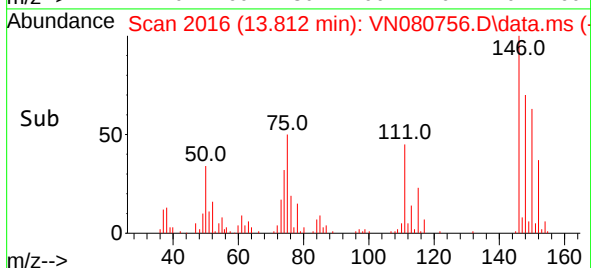
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

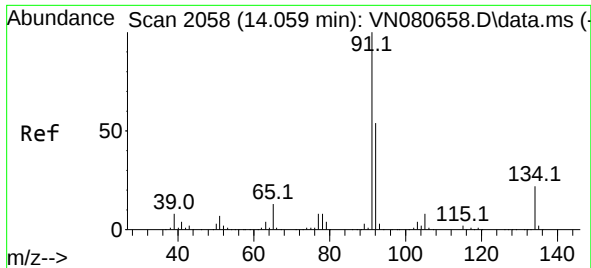


#88
1,4-Dichlorobenzene
Concen: 17.995 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12



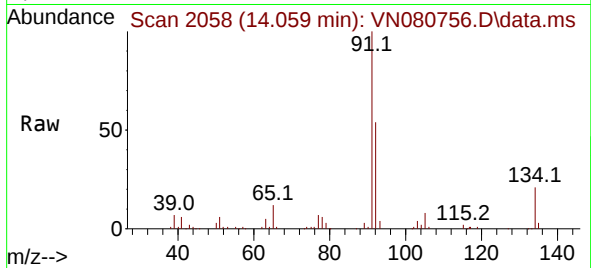
Tgt Ion:146 Resp: 56907
Ion Ratio Lower Upper
146 100
111 46.1 20.6 61.8
148 61.7 31.6 94.8





#89
n-Butylbenzene
Concen: 17.692 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

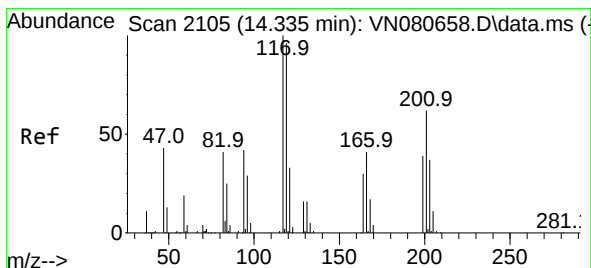
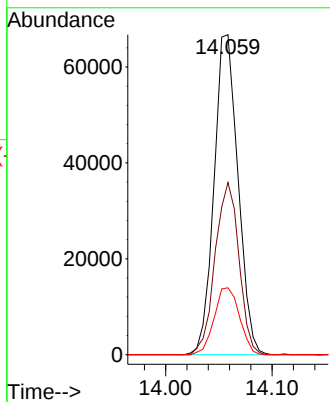
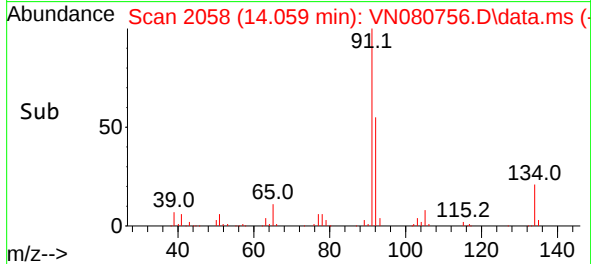
Instrument :
MSVOA_N
ClientSampleId :
VN0123WBSD01



Tgt Ion: 91 Resp: 10432
Ion Ratio Lower Upper
91 100
92 53.5 26.4 79.0
134 22.1 12.6 37.6

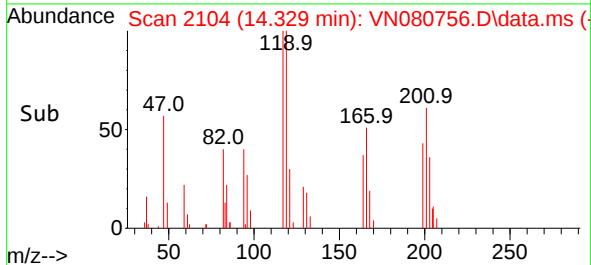
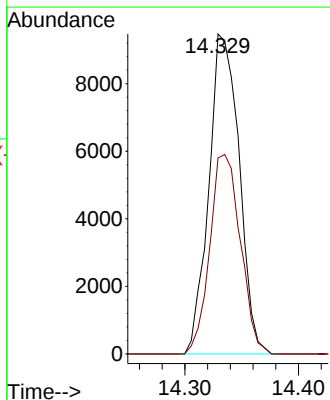
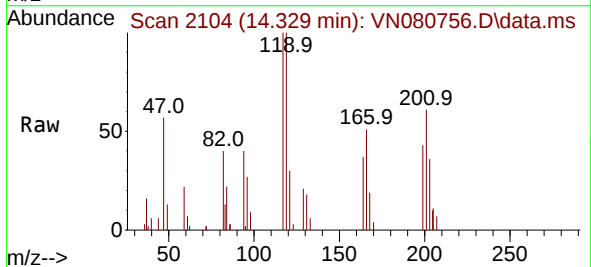
Manual Integrations
APPROVED

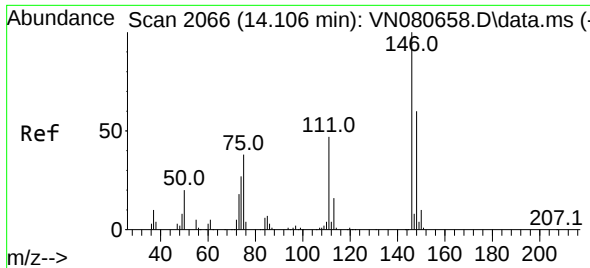
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#90
Hexachloroethane
Concen: 15.490 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

Tgt Ion:117 Resp: 17573
Ion Ratio Lower Upper
117 100
201 63.0 29.3 88.0





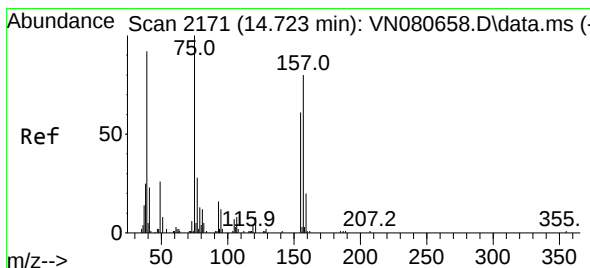
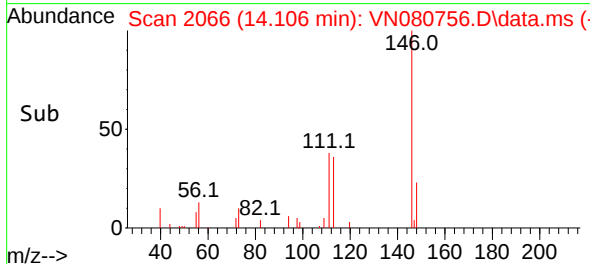
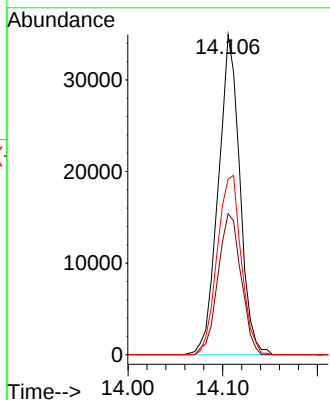
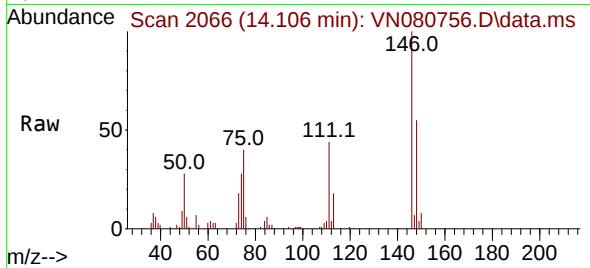
#91
1,2-Dichlorobenzene
Concen: 18.868 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0123WBSD01

Tgt Ion:146 Resp: 55190
Ion Ratio Lower Upper
146 100
111 47.4 22.0 66.0
148 62.4 31.8 95.3

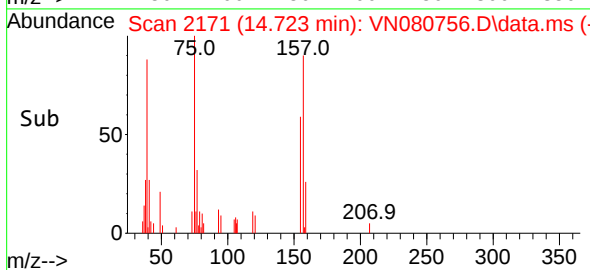
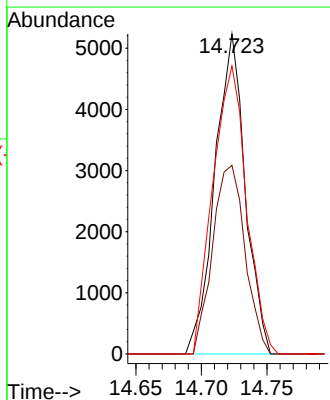
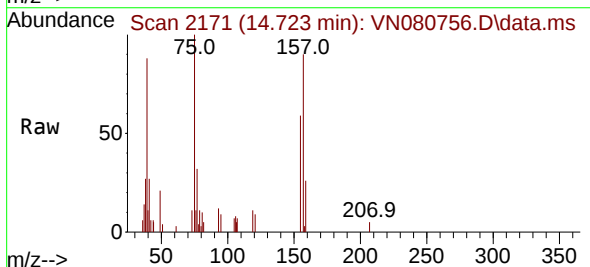
Manual Integrations
APPROVED

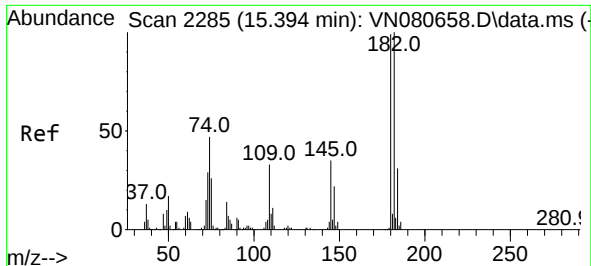
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 13.403 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

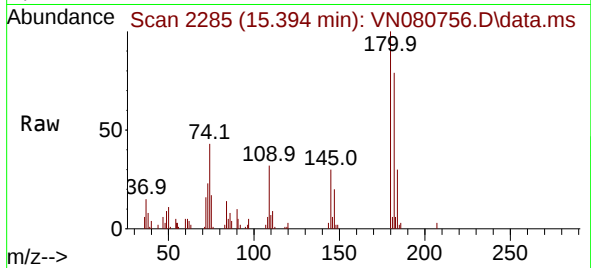
Tgt Ion: 75 Resp: 8402
Ion Ratio Lower Upper
75 100
155 63.2 39.1 117.2
157 99.9 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 16.283 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

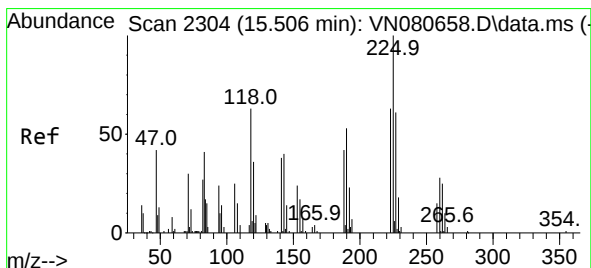
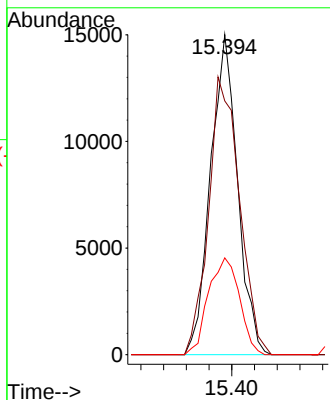
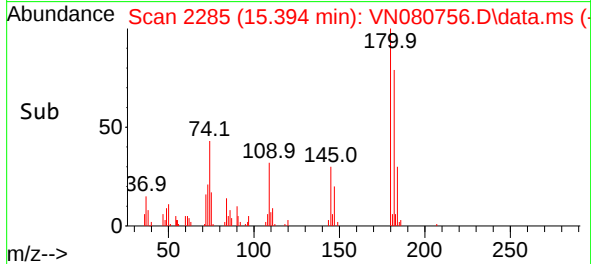
Instrument :
MSVOA_N
ClientSampleId :
VN0123WBSD01



Tgt Ion:180 Resp: 2480
Ion Ratio Lower Upper
180 100
182 99.0 46.1 138.2
145 34.7 16.6 49.8

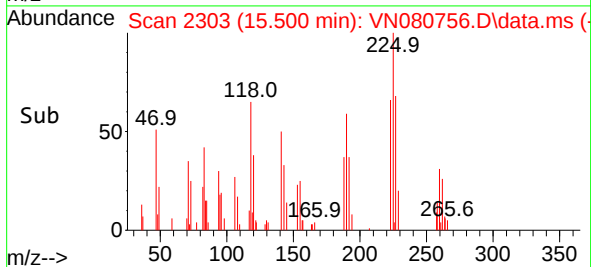
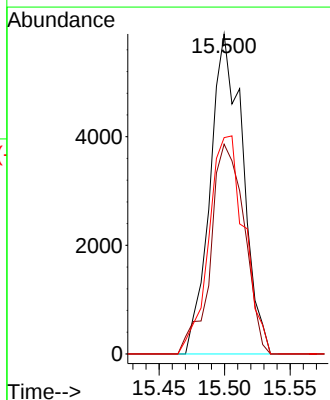
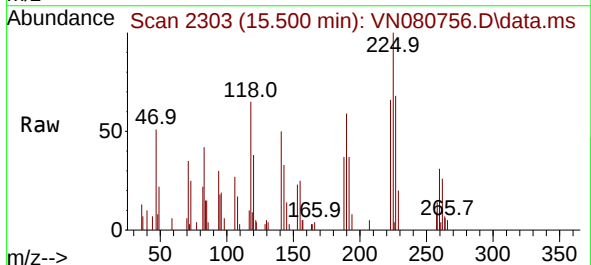
Manual Integrations
APPROVED

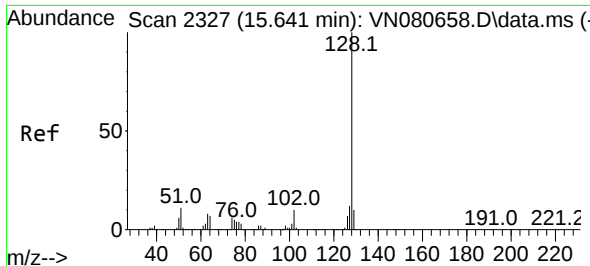
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#94
Hexachlorobutadiene
Concen: 13.959 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

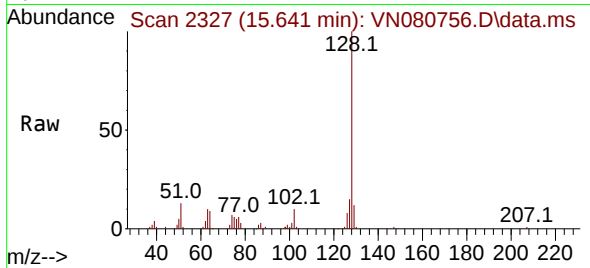
Tgt Ion:225 Resp: 10205
Ion Ratio Lower Upper
225 100
223 67.8 31.3 93.8
227 74.1 31.9 95.9





#95
Naphthalene
Concen: 15.781 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

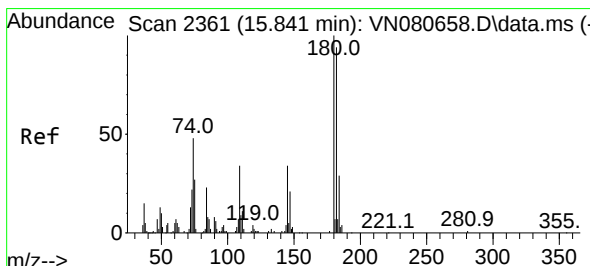
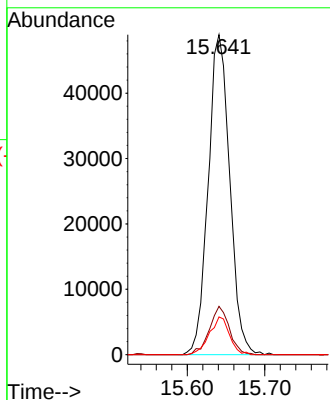
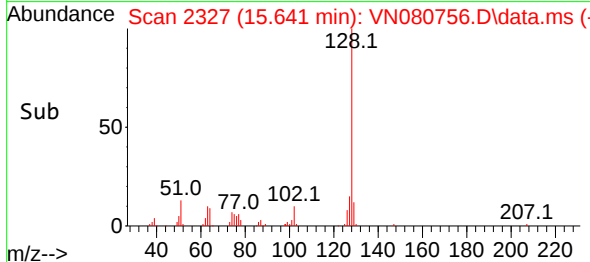
Instrument :
MSVOA_N
ClientSampleId :
VN0123WBSD01



Tgt Ion:128 Resp: 9461
Ion Ratio Lower Upper
128 100
127 14.0 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#96
1,2,3-Trichlorobenzene
Concen: 16.780 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080756.D
Acq: 23 Jan 2024 12:12

Tgt Ion:180 Resp: 24744
Ion Ratio Lower Upper
180 100
182 94.7 46.2 138.6
145 34.7 17.5 52.6

