

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
 Data File : VN074956.D
 Acq On : 21 Oct 2022 12:49
 Operator : JC\MD
 Sample : VN1021WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/24/2022
 Supervised By : Mahesh Dadoda 10/24/2022

Quant Time: Oct 22 02:51:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 09:37:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	439852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	777918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	849014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	551593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	556246	47.597	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.200%		
35) Dibromofluoromethane	8.171	113	432766	46.739	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.480%		
50) Toluene-d8	10.571	98	1708293	48.087	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.180%		
62) 4-Bromofluorobenzene	12.847	95	583298	46.548	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.100%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	121503	17.671	ug/l	91
3) Chloromethane	2.371	50	149114	19.507	ug/l	94
4) Vinyl Chloride	2.524	62	217666	19.429	ug/l	98
5) Bromomethane	2.936	94	169465	18.310	ug/l	99
6) Chloroethane	3.118	64	170101	19.751	ug/l	92
7) Trichlorofluoromethane	3.500	101	227769	19.309	ug/l	99
8) Diethyl Ether	3.977	74	91907	17.631	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.383	101	136320	19.463	ug/l	99
10) Methyl Iodide	4.600	142	174688	17.762	ug/l	98
11) Tert butyl alcohol	5.536	59	231756	93.800	ug/l	100
12) 1,1-Dichloroethene	4.353	96	114552	18.298	ug/l	94
13) Acrolein	4.194	56	129881	103.273	ug/l	96
14) Allyl chloride	5.041	41	167653	15.665	ug/l	89
15) Acrylonitrile	5.736	53	475230	95.084	ug/l	98
16) Acetone	4.447	43	408588	94.020	ug/l	96
17) Carbon Disulfide	4.718	76	234478	17.905	ug/l	98
18) Methyl Acetate	5.047	43	274053	18.465	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	535111	18.858	ug/l	99
20) Methylene Chloride	5.283	84	155976	18.938	ug/l	88
21) trans-1,2-Dichloroethene	5.800	96	135150	18.819	ug/l	89
22) Diisopropyl ether	6.688	45	457201	18.668	ug/l	97
23) Vinyl Acetate	6.618	43	1868958m	96.944	ug/l	
24) 1,1-Dichloroethane	6.577	63	281256	18.572	ug/l	98
25) 2-Butanone	7.494	43	637655	89.568	ug/l	100
26) 2,2-Dichloropropane	7.506	77	260948	18.233	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	185161	18.861	ug/l	98
28) Bromochloromethane	7.818	49	128379	20.345	ug/l	98
29) Tetrahydrofuran	7.847	42	394742	89.902	ug/l	99
30) Chloroform	7.971	83	315618	18.445	ug/l	100
31) Cyclohexane	8.259	56	214457	17.962	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	277197	18.003	ug/l	95
36) 1,1-Dichloropropene	8.377	75	205216	17.599	ug/l	97
37) Ethyl Acetate	7.565	43	252534	18.392	ug/l	99
38) Carbon Tetrachloride	8.365	117	235199	18.529	ug/l #	88
39) Methylcyclohexane	9.606	83	240873	17.434	ug/l	96
40) Benzene	8.612	78	661501	18.401	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	121464	17.624	ug/l	99
42) 1,2-Dichloroethane	8.677	62	246097	18.085	ug/l	99
43) Isopropyl Acetate	8.694	43	399250	18.747	ug/l	99
44) Trichloroethene	9.353	130	158395	17.952	ug/l	99
45) 1,2-Dichloropropane	9.624	63	175291	18.918	ug/l #	88
46) Dibromomethane	9.712	93	126038	18.601	ug/l	98
47) Bromodichloromethane	9.888	83	259602	18.966	ug/l	97
48) Methyl methacrylate	9.682	41	178265	19.143	ug/l	99
49) 1,4-Dioxane	9.694	88	97307	361.413	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	1342561	95.170	ug/l	100
52) Toluene	10.629	92	435225	18.553	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	263845	19.538	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	277800	18.602	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	188285	19.127	ug/l	99
56) Ethyl methacrylate	10.876	69	282157	19.034	ug/l	96
57) 1,3-Dichloropropane	11.165	76	317758	19.013	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	584515	90.022	ug/l	100
59) 2-Hexanone	11.200	43	1013953	94.775	ug/l	99
60) Dibromochloromethane	11.359	129	184573	17.861	ug/l	97
61) 1,2-Dibromoethane	11.470	107	190764	19.219	ug/l	96
64) Tetrachloroethene	11.106	164	119438	17.203	ug/l	94
65) Chlorobenzene	11.894	112	472191	18.394	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	182533	18.865	ug/l	98
67) Ethyl Benzene	11.965	91	850065	18.650	ug/l	94
68) m/p-Xylenes	12.070	106	664325	37.379	ug/l	98
69) o-Xylene	12.400	106	332521	18.678	ug/l	95
70) Styrene	12.412	104	541291	19.182	ug/l	99
71) Bromoform	12.576	173	128986	17.663	ug/l #	97
73) Isopropylbenzene	12.700	105	860521	19.100	ug/l	99
74) N-amyl acetate	12.494	43	341771	18.879	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	319855	19.010	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	275217m	18.399	ug/l	
77) Bromobenzene	12.982	156	187311	18.129	ug/l	99
78) n-propylbenzene	13.035	91	999033	18.946	ug/l	98
79) 2-Chlorotoluene	13.123	91	608156	18.619	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	730179	18.762	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	86189	18.474	ug/l	95
82) 4-Chlorotoluene	13.123	91	608156	18.619	ug/l	97
83) tert-Butylbenzene	13.441	119	659316	19.144	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	740298	18.834	ug/l	97
85) sec-Butylbenzene	13.617	105	927587	19.183	ug/l	100
86) p-Isopropyltoluene	13.729	119	757846	19.030	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	373244	18.882	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	379014	18.912	ug/l	97
89) n-Butylbenzene	14.059	91	642629	18.897	ug/l	99
90) Hexachloroethane	14.335	117	141926	18.394	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	375187	18.517	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	66962	19.153	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	167627	19.011	ug/l	99
94) Hexachlorobutadiene	15.506	225	80248	17.628	ug/l	95
95) Naphthalene	15.641	128	630677	18.820	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	161879	18.242	ug/l	97

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

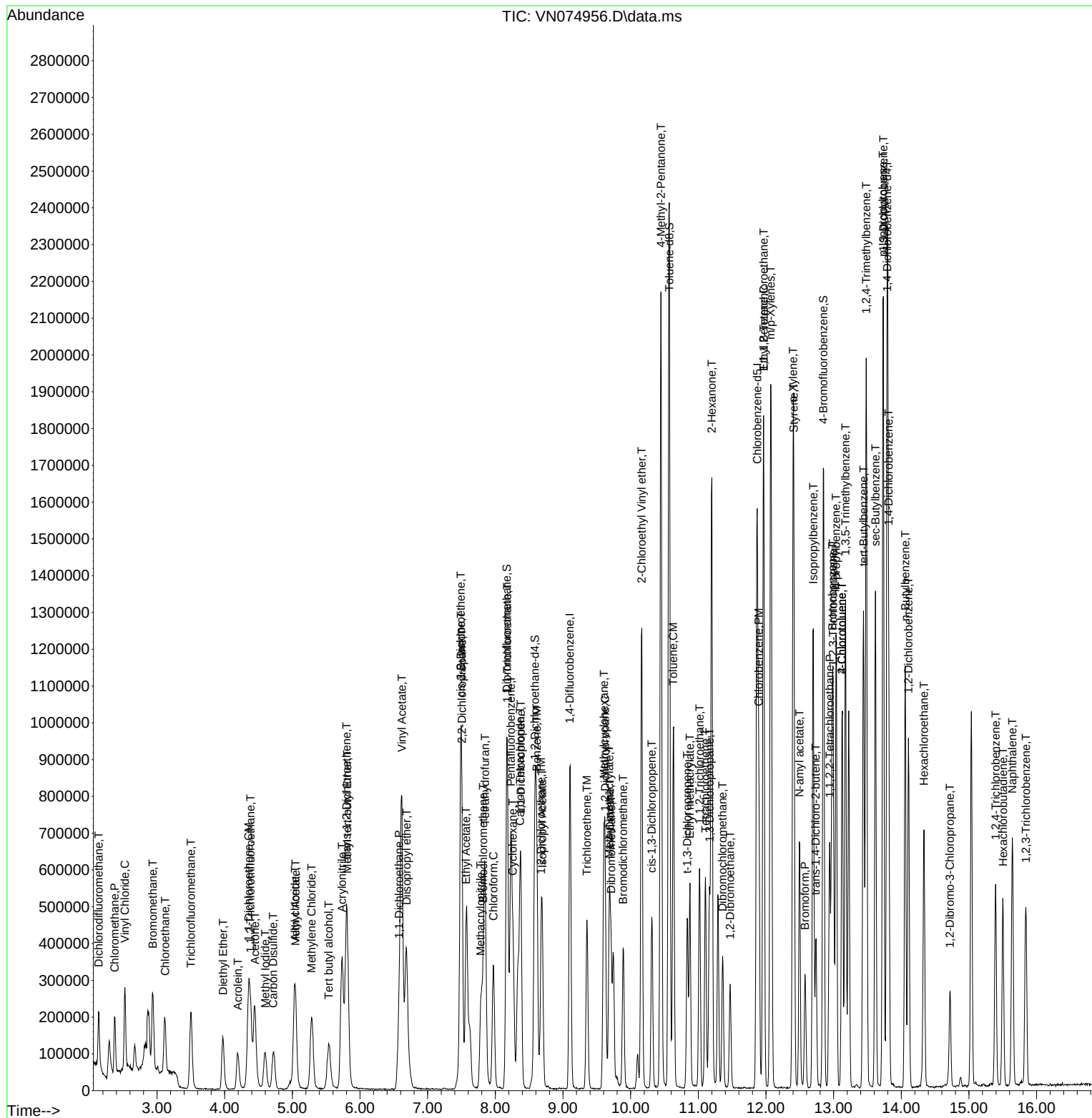
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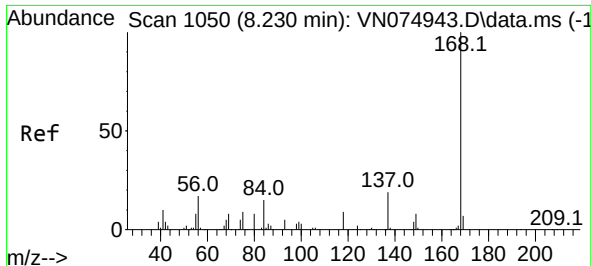
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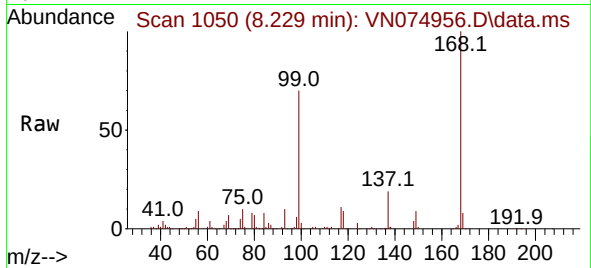
Reviewed By : John Carlone 10/24/2022
Supervised By : Mahesh Dadoda 10/24/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
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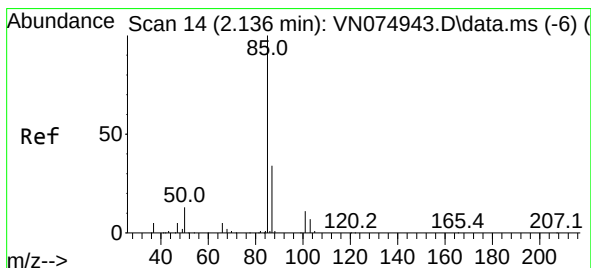
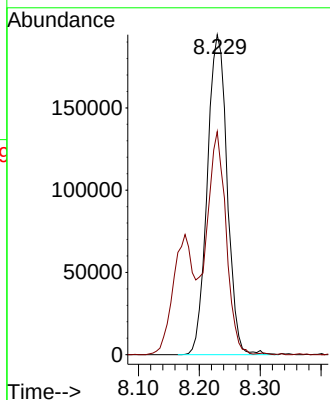
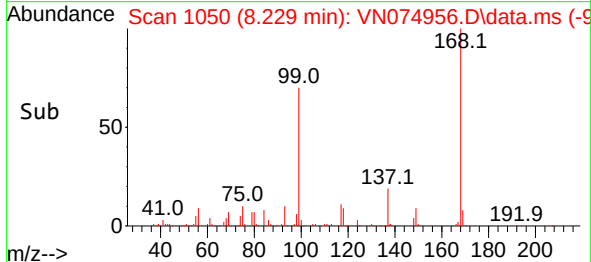
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MSVOA_N
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Tgt Ion:168 Resp: 439852
Ion Ratio Lower Upper
168 100
99 69.5 52.2 78.4

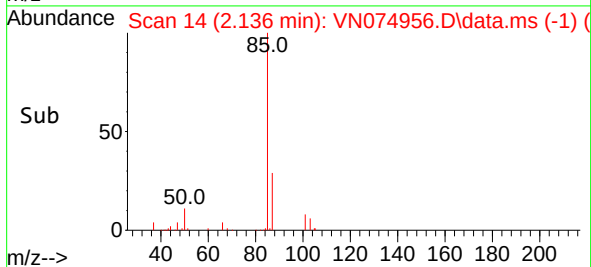
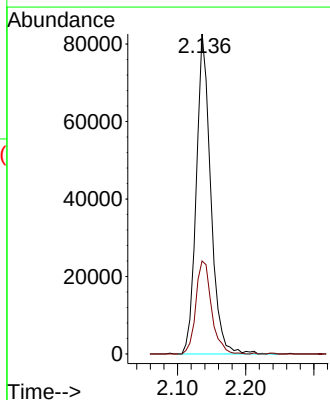
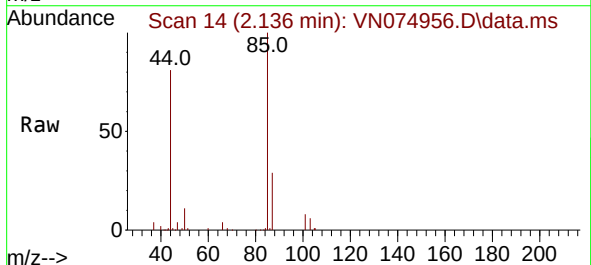
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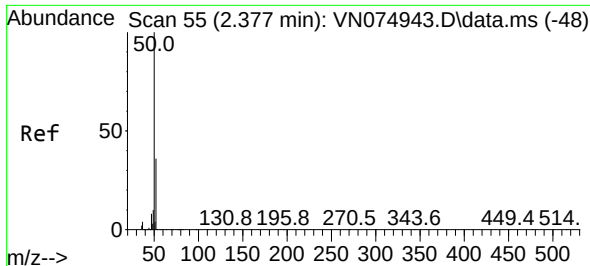
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#2
Dichlorodifluoromethane
Concen: 17.671 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
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Tgt Ion: 85 Resp: 121503
Ion Ratio Lower Upper
85 100
87 29.0 17.1 51.2





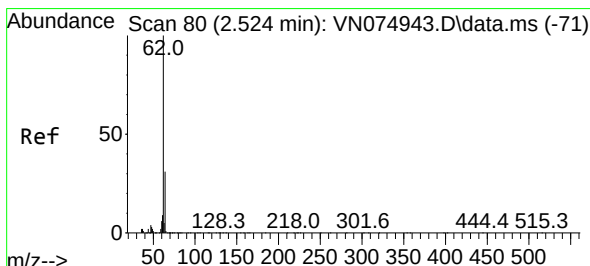
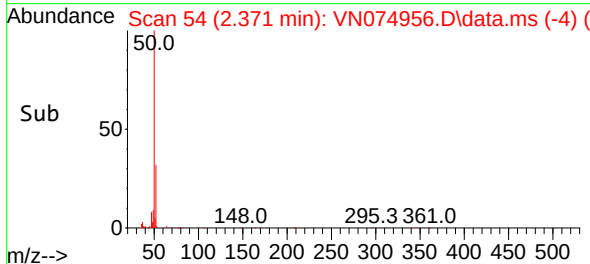
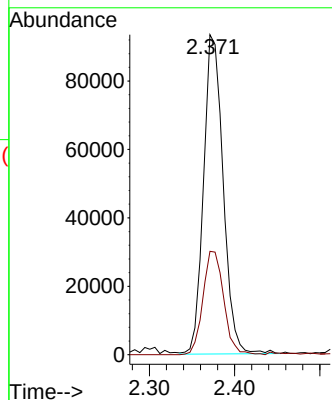
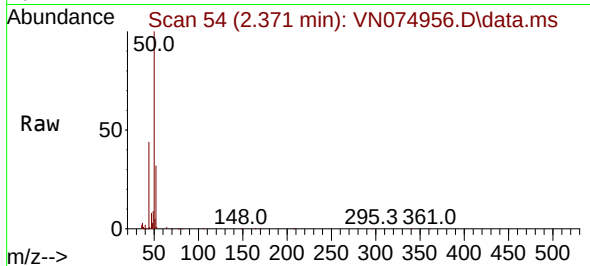
#3
Chloromethane
Concen: 19.507 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN074956.D
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Instrument :
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Tgt Ion: 50 Resp: 149114
Ion Ratio Lower Upper
50 100
52 32.4 28.8 43.2

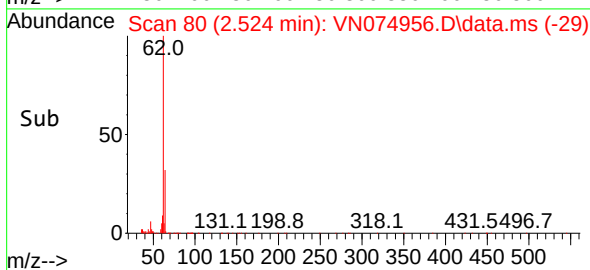
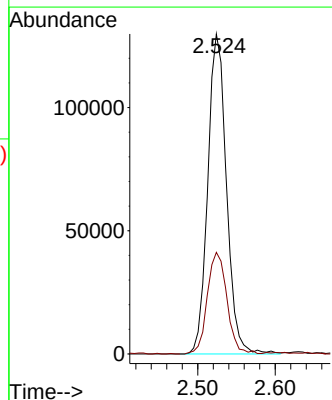
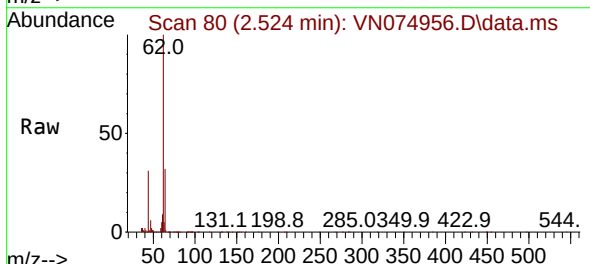
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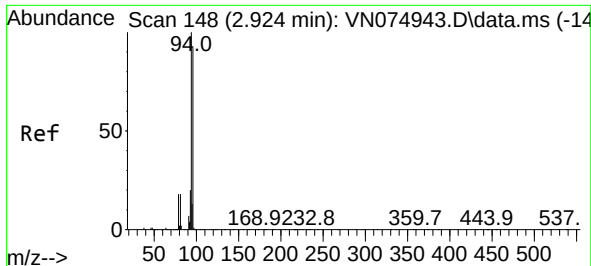
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#4
Vinyl Chloride
Concen: 19.429 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

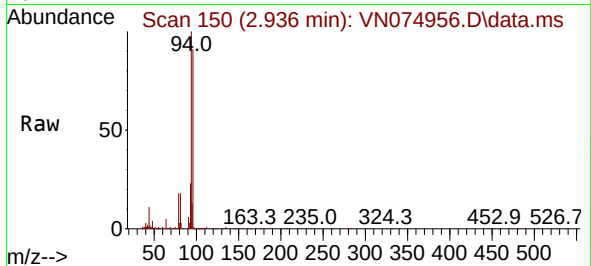
Tgt Ion: 62 Resp: 217666
Ion Ratio Lower Upper
62 100
64 31.7 24.5 36.7





#5
Bromomethane
Concen: 18.310 ug/l
RT: 2.936 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN074956.D
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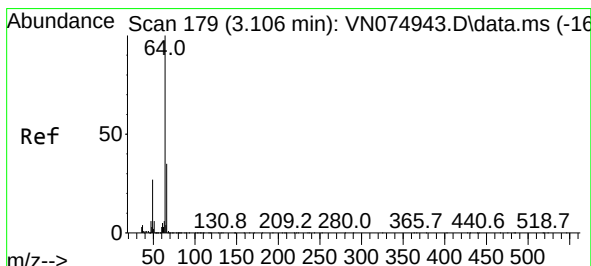
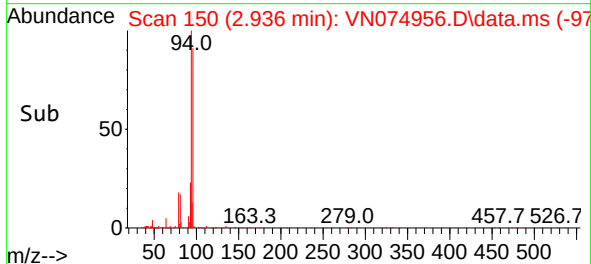
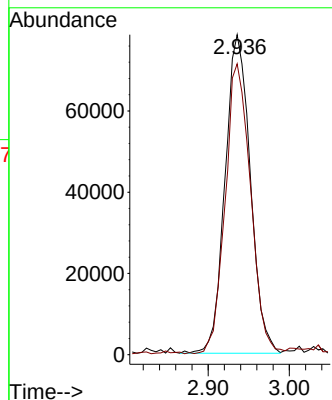
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Tgt Ion: 94 Resp: 16946
Ion Ratio Lower Upper
94 100
96 90.5 73.5 110.3

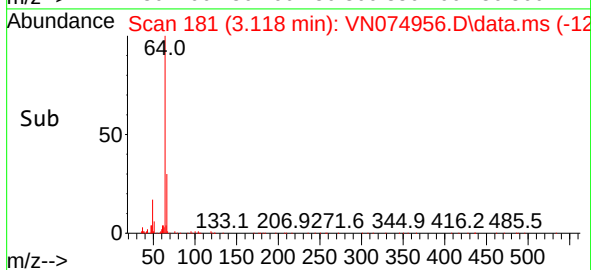
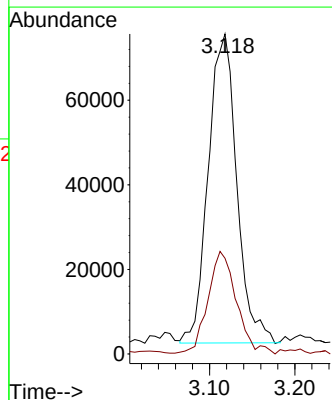
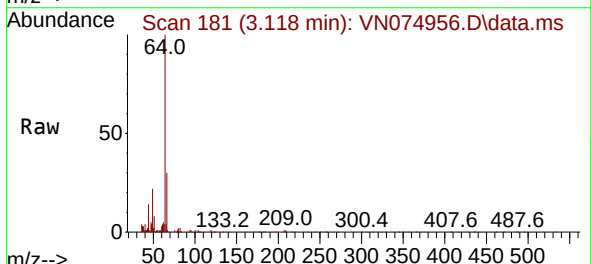
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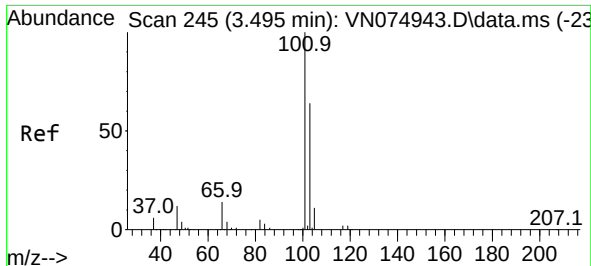
Reviewed By :John Carlone 10/24/2022
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#6
Chloroethane
Concen: 19.751 ug/l
RT: 3.118 min Scan# 181
Delta R.T. 0.012 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

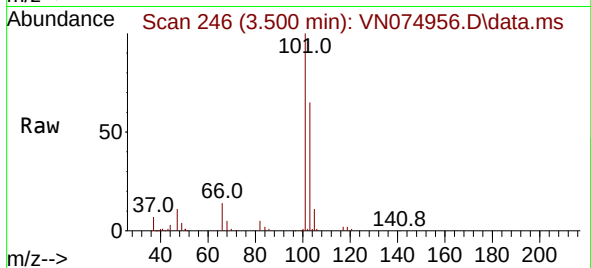
Tgt Ion: 64 Resp: 170101
Ion Ratio Lower Upper
64 100
66 30.6 27.9 41.9





#7
Trichlorofluoromethane
Concen: 19.309 ug/l
RT: 3.500 min Scan# 245
Delta R.T. 0.005 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

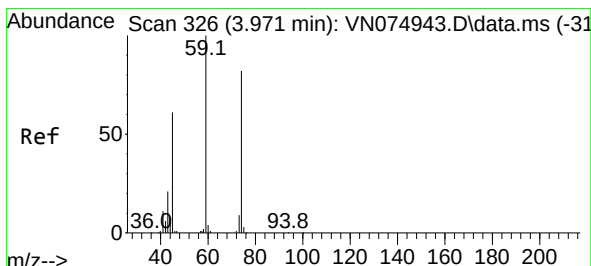
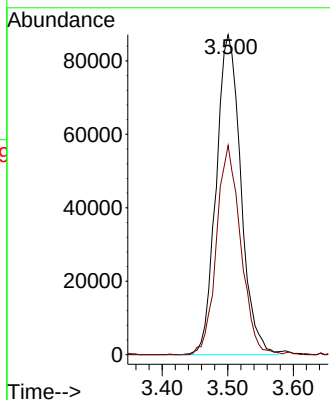
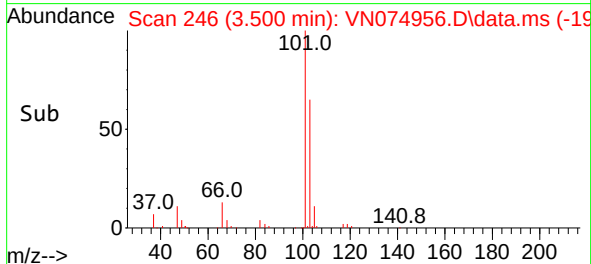
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 227769
Ion Ratio Lower Upper
101 100
103 65.4 51.5 77.3

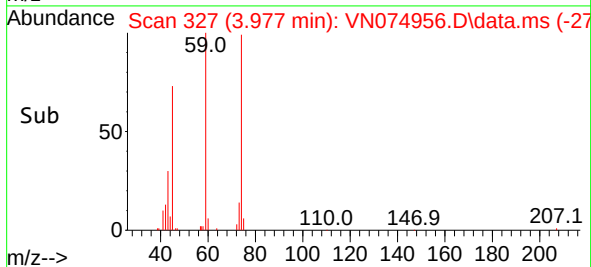
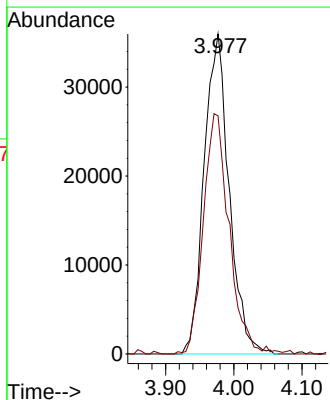
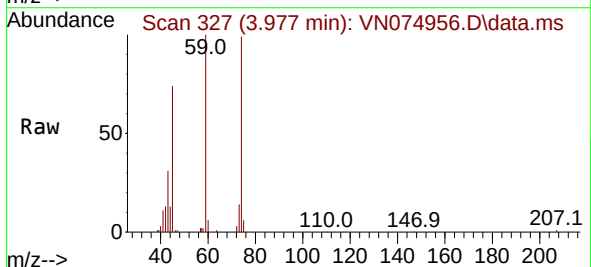
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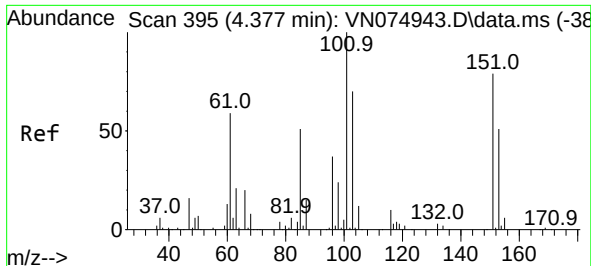
Reviewed By :John Carlone 10/24/2022
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#8
Diethyl Ether
Concen: 17.631 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
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Acq: 21 Oct 2022 12:49

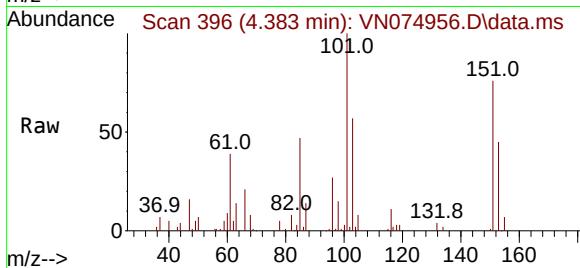
Tgt Ion: 74 Resp: 91907
Ion Ratio Lower Upper
74 100
45 76.7 40.1 120.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.463 ug/l
RT: 4.383 min Scan# 395
Delta R.T. 0.006 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

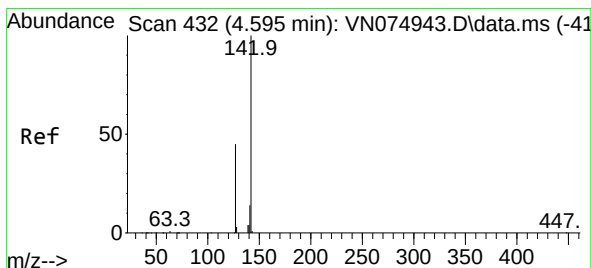
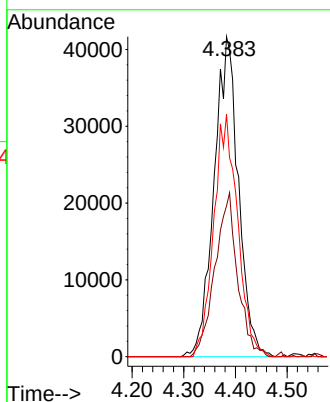
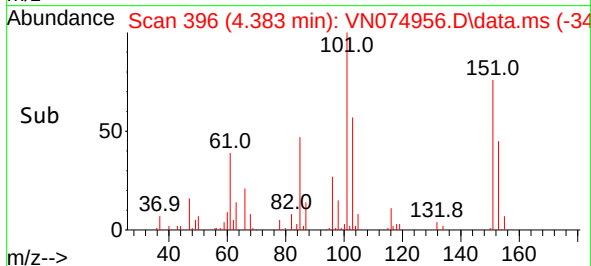
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01



Tgt Ion:101 Resp: 136320
Ion Ratio Lower Upper
101 100
85 47.7 37.8 56.8
151 74.3 58.5 87.7

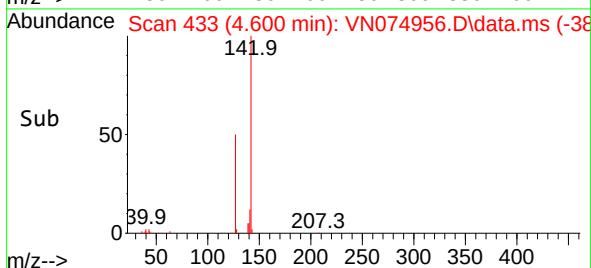
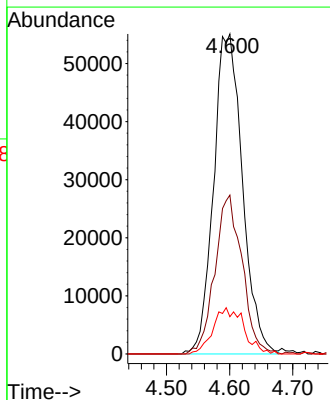
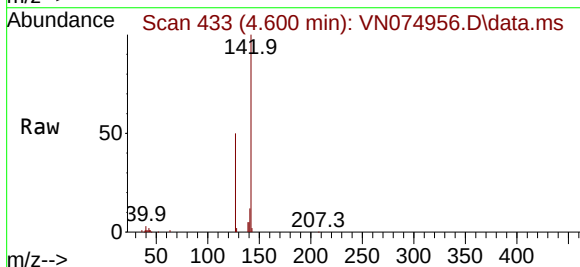
Manual Integrations
APPROVED

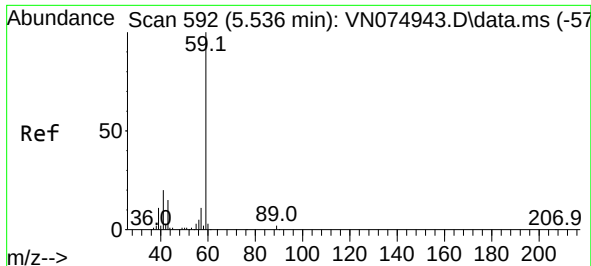
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#10
Methyl Iodide
Concen: 17.762 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.006 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

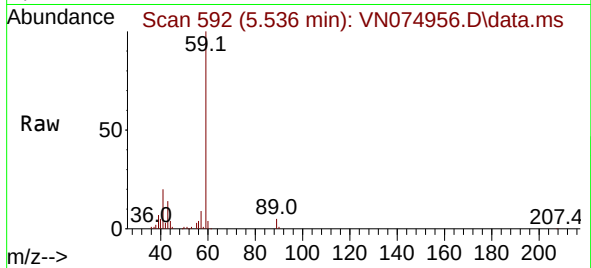
Tgt Ion:142 Resp: 174688
Ion Ratio Lower Upper
142 100
127 46.9 37.0 55.4
141 15.4 11.4 17.0





#11
Tert butyl alcohol
Concen: 93.800 ug/l
RT: 5.536 min Scan# 591
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

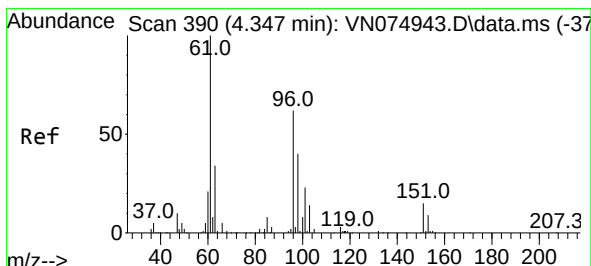
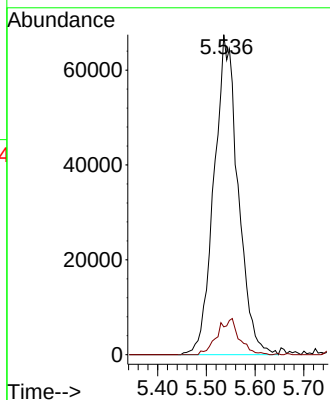
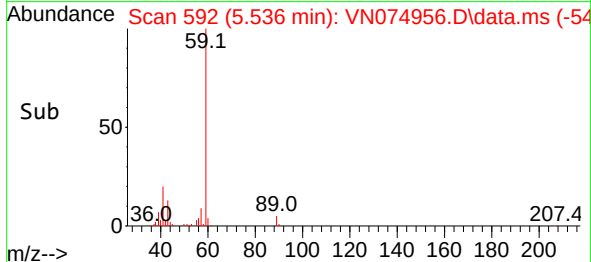
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01



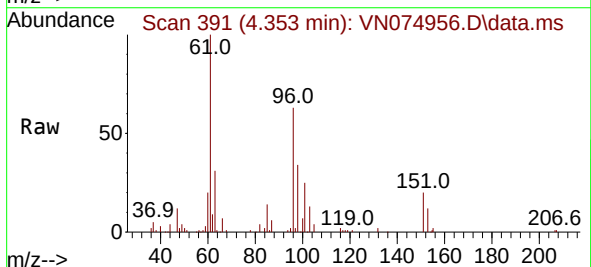
Tgt Ion: 59 Resp: 231750
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

Manual Integrations
APPROVED

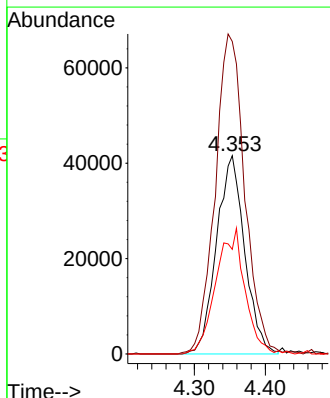
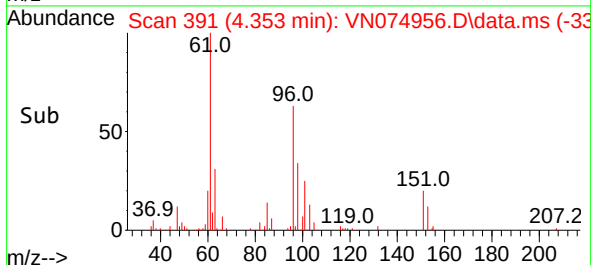
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

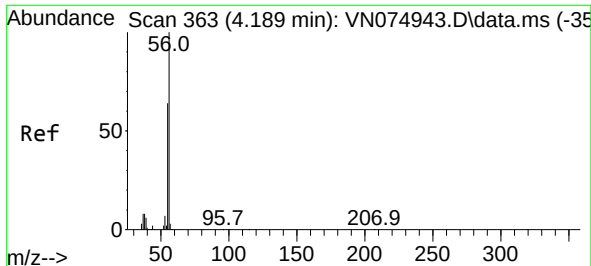


#12
1,1-Dichloroethene
Concen: 18.298 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49



Tgt Ion: 96 Resp: 114552
Ion Ratio Lower Upper
96 100
61 157.6 128.9 193.3
98 52.8 51.8 77.8





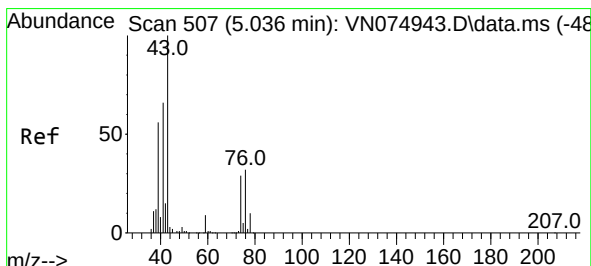
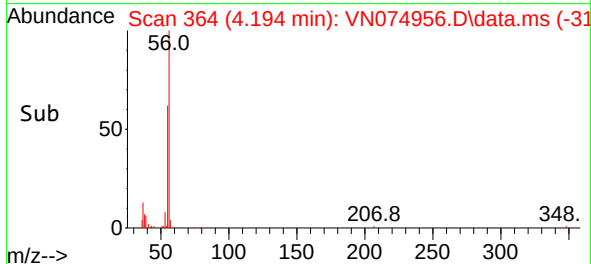
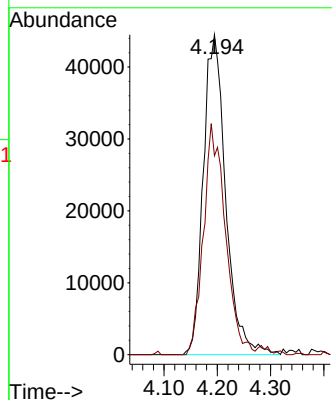
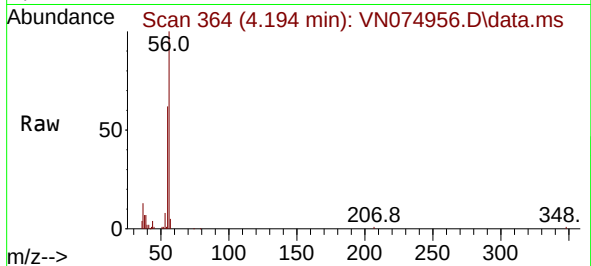
#13
Acrolein
Concen: 103.273 ug/l
RT: 4.194 min Scan# 30
Delta R.T. 0.005 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tgt Ion: 56 Resp: 12988
Ion Ratio Lower Upper
56 100
55 70.7 53.7 80.5

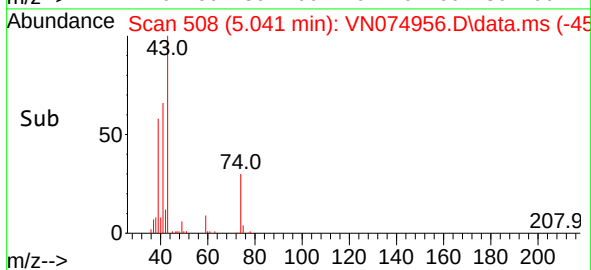
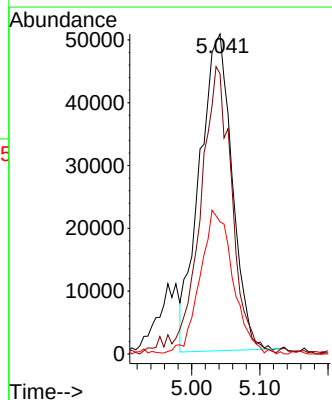
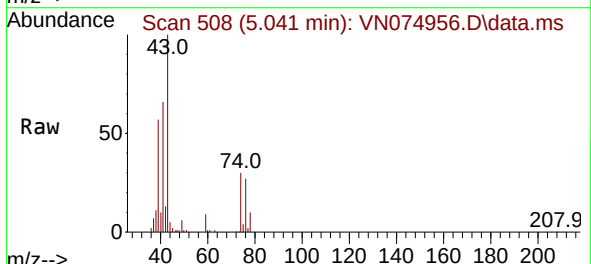
Manual Integrations
APPROVED

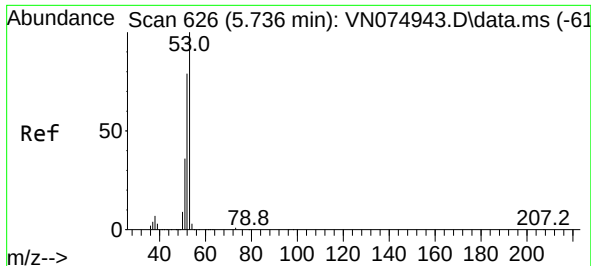
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#14
Allyl chloride
Concen: 15.665 ug/l
RT: 5.041 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

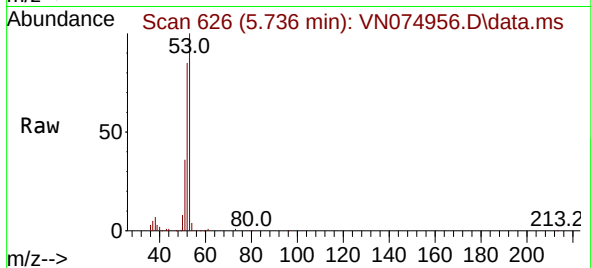
Tgt Ion: 41 Resp: 167653
Ion Ratio Lower Upper
41 100
39 86.8 60.0 90.0
76 46.1 33.7 50.5





#15
Acrylonitrile
Concen: 95.084 ug/l
RT: 5.736 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

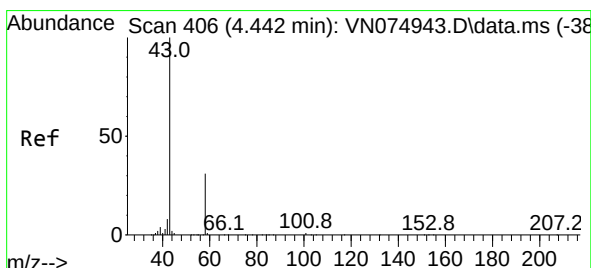
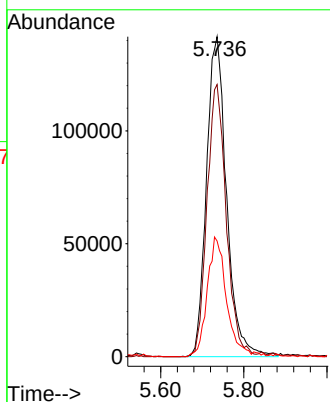
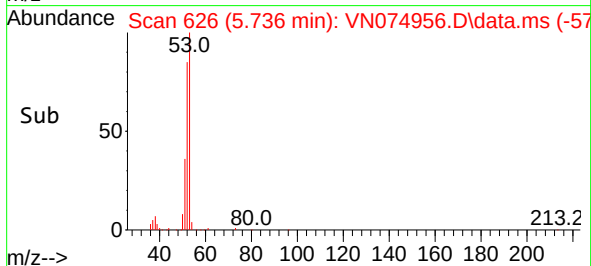
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01



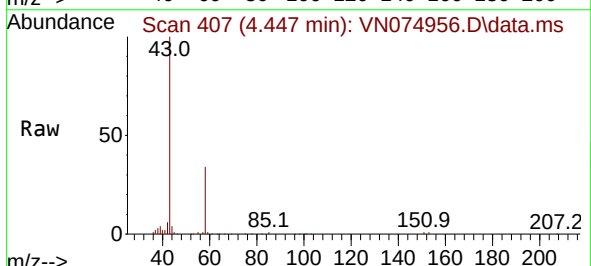
Tgt Ion: 53 Resp: 475230
Ion Ratio Lower Upper
53 100
52 81.5 66.7 100.1
51 35.6 28.8 43.2

Manual Integrations
APPROVED

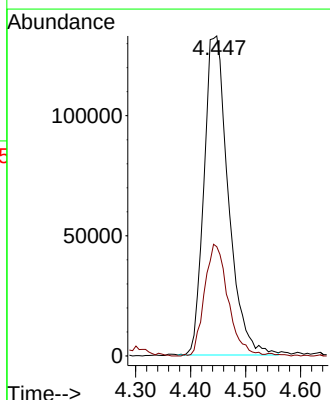
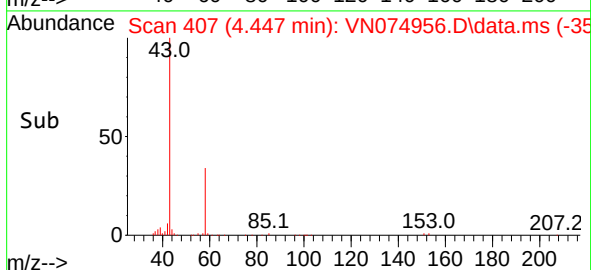
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

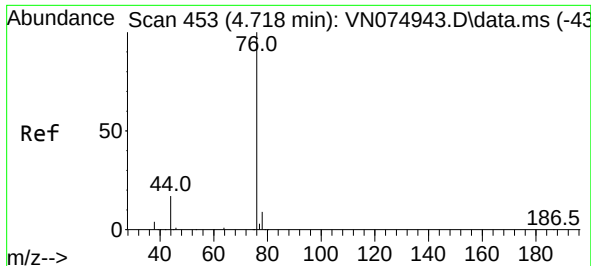


#16
Acetone
Concen: 94.020 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.005 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49



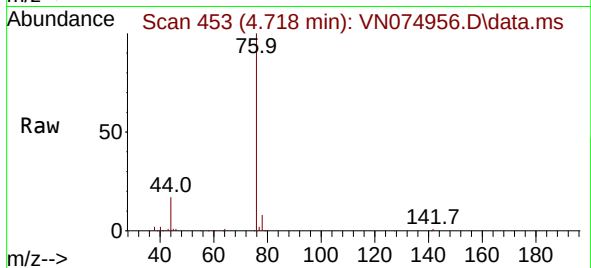
Tgt Ion: 43 Resp: 408588
Ion Ratio Lower Upper
43 100
58 34.3 25.7 38.5





#17
Carbon Disulfide
Concen: 17.905 ug/l
RT: 4.718 min Scan# 453
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

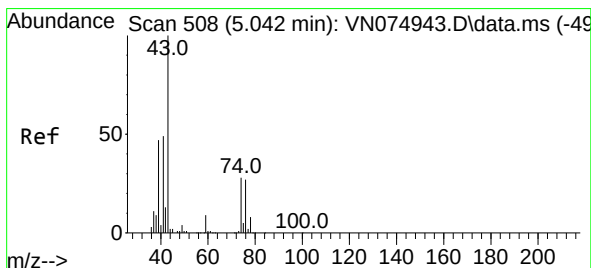
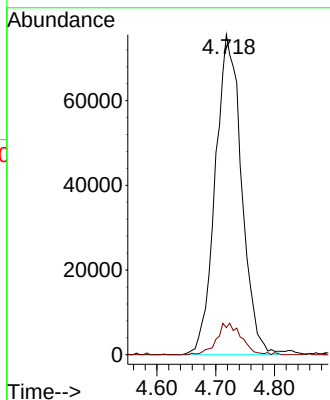
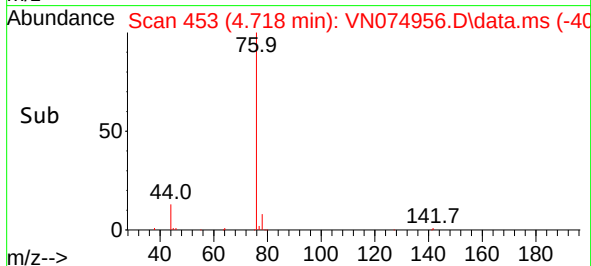
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01



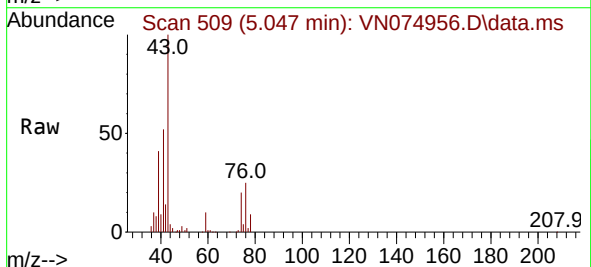
Tgt Ion: 76 Resp: 234478
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.2

Manual Integrations
APPROVED

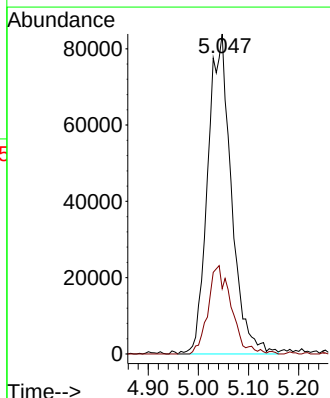
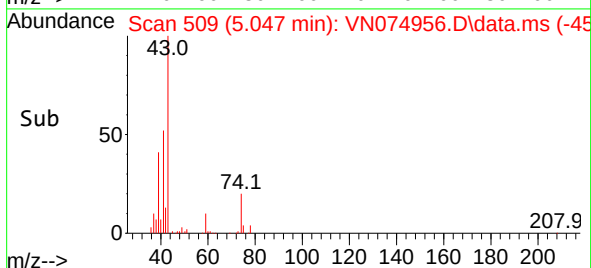
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

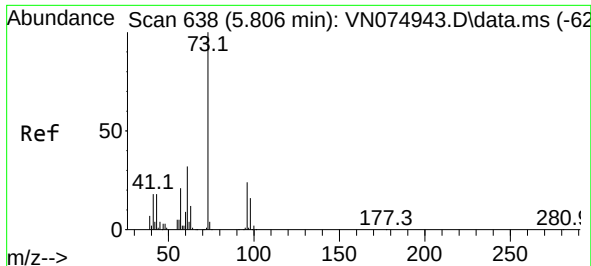


#18
Methyl Acetate
Concen: 18.465 ug/l
RT: 5.047 min Scan# 509
Delta R.T. 0.006 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49



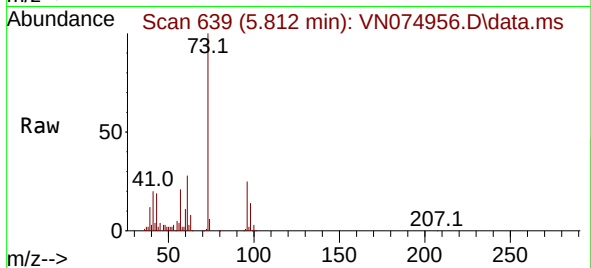
Tgt Ion: 43 Resp: 274053
Ion Ratio Lower Upper
43 100
74 27.2 23.1 34.7





#19
Methyl tert-butyl Ether
Concen: 18.858 ug/l
RT: 5.812 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

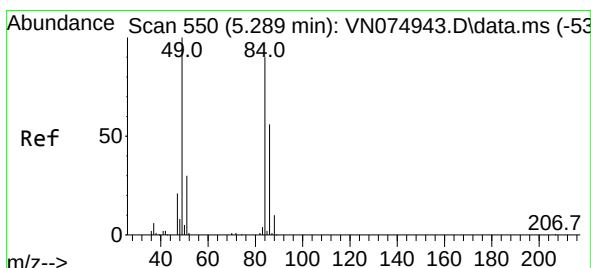
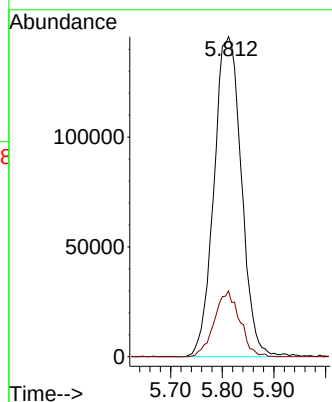
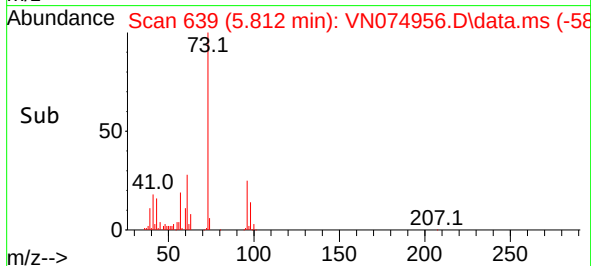
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01



Tgt Ion: 73 Resp: 53511
Ion Ratio Lower Upper
73 100
57 20.6 16.9 25.3

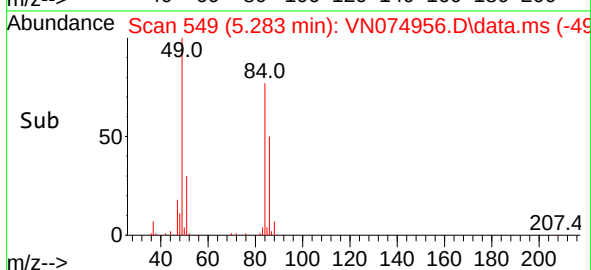
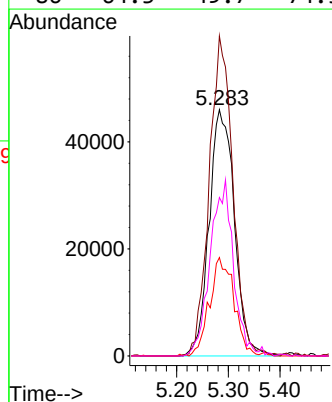
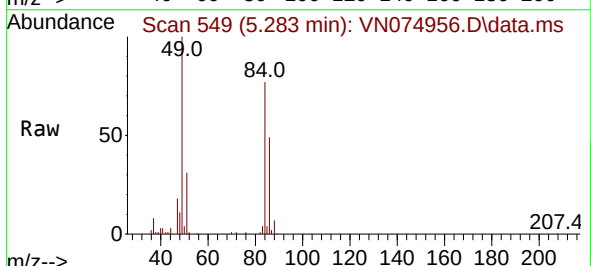
Manual Integrations
APPROVED

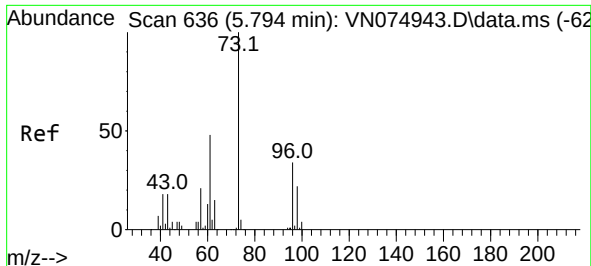
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#20
Methylene Chloride
Concen: 18.938 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

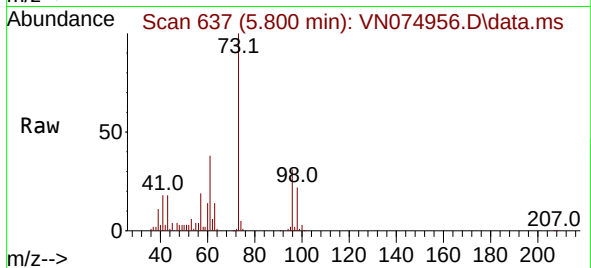
Tgt Ion: 84 Resp: 155976
Ion Ratio Lower Upper
84 100
49 129.9 88.6 133.0
51 40.0 26.7 40.1
86 64.3 49.7 74.5





#21
trans-1,2-Dichloroethene
Concen: 18.819 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

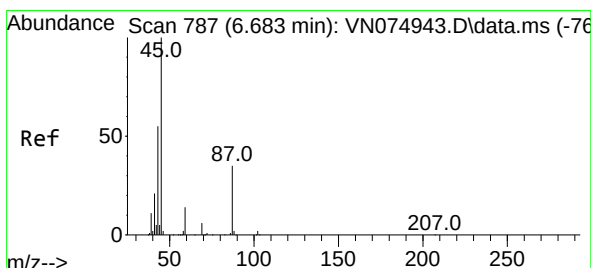
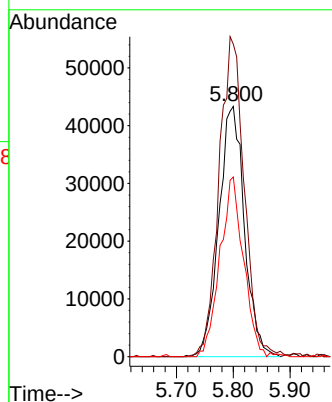
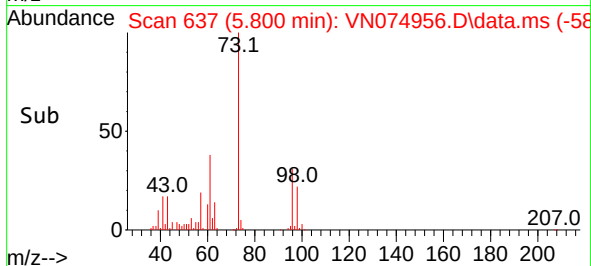
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01



Tgt Ion: 96 Resp: 135150
Ion Ratio Lower Upper
96 100
61 124.9 112.6 169.0
98 71.8 52.4 78.6

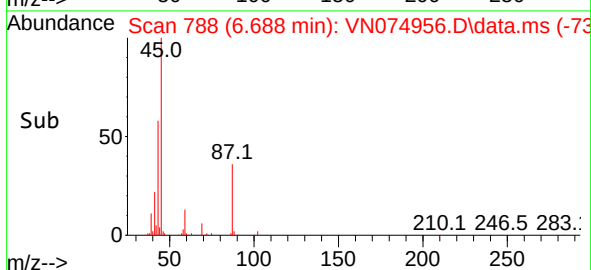
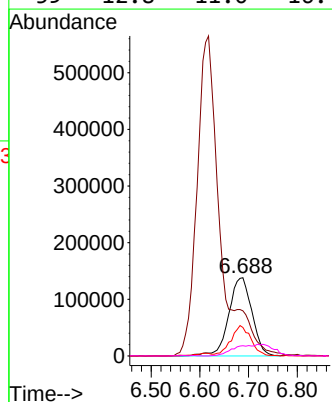
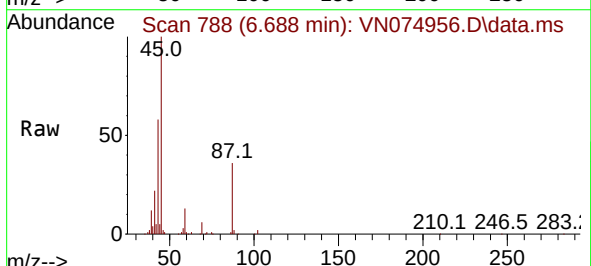
Manual Integrations
APPROVED

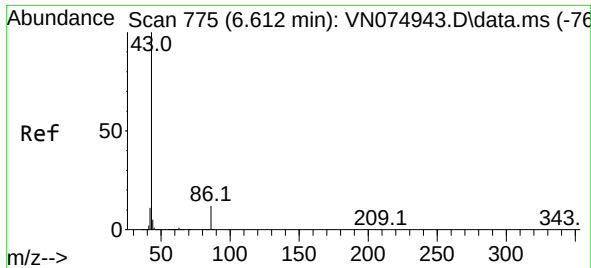
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#22
Diisopropyl ether
Concen: 18.668 ug/l
RT: 6.688 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

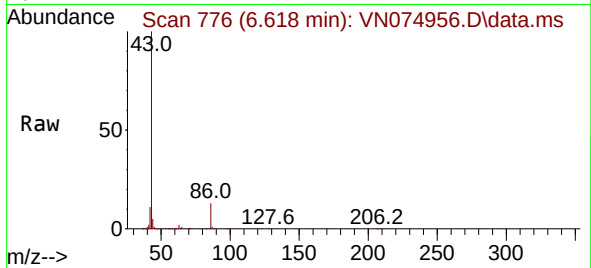
Tgt Ion: 45 Resp: 457201
Ion Ratio Lower Upper
45 100
43 53.9 44.9 67.3
87 36.1 28.0 42.0
59 12.8 11.0 16.4





#23
 Vinyl Acetate
 Concen: 96.944 ug/l m
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN074956.D
 Acq: 21 Oct 2022 12:49

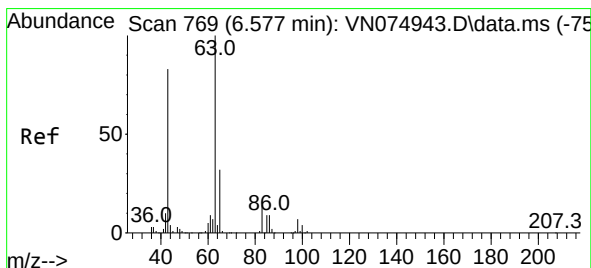
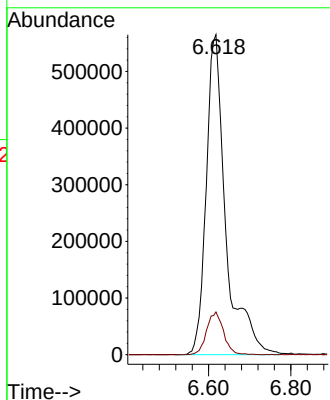
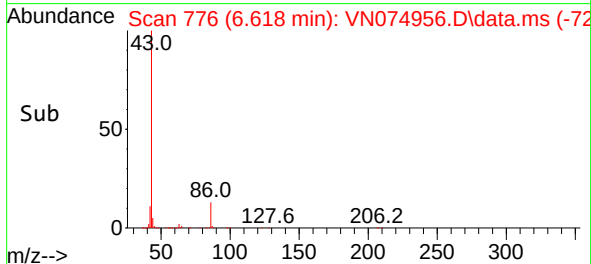
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS01



Tgt Ion: 43 Resp: 1868958
 Ion Ratio Lower Upper
 43 100
 86 13.4 9.4 14.0

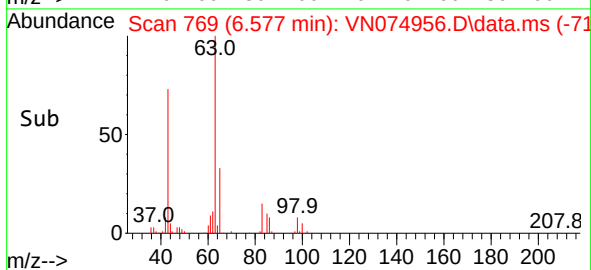
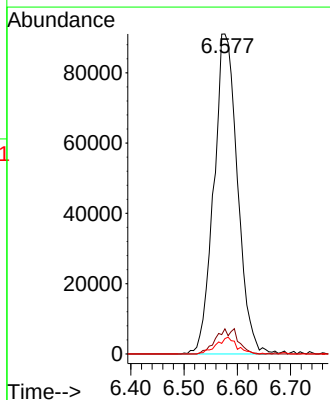
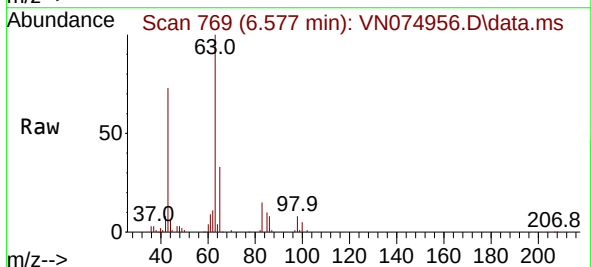
Manual Integrations
 APPROVED

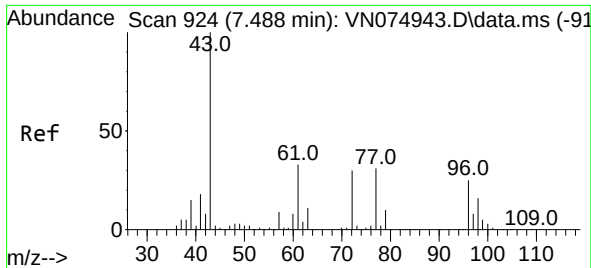
Reviewed By :John Carlone 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022



#24
 1,1-Dichloroethane
 Concen: 18.572 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN074956.D
 Acq: 21 Oct 2022 12:49

Tgt Ion: 63 Resp: 281256
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.7 11.1
 100 4.8 2.0 6.0





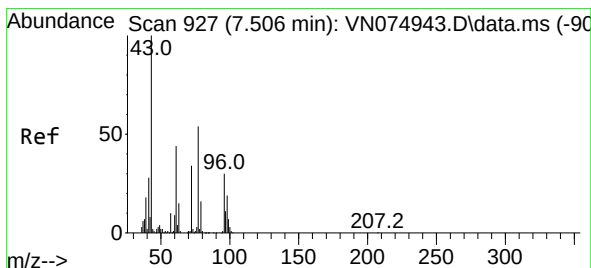
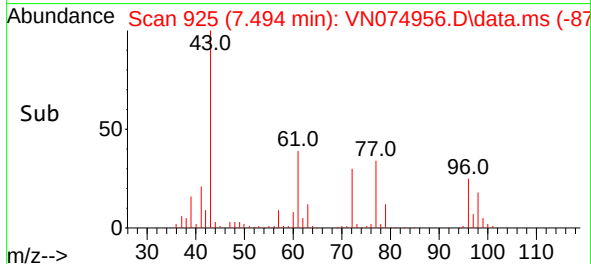
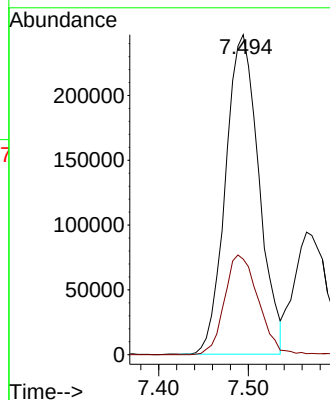
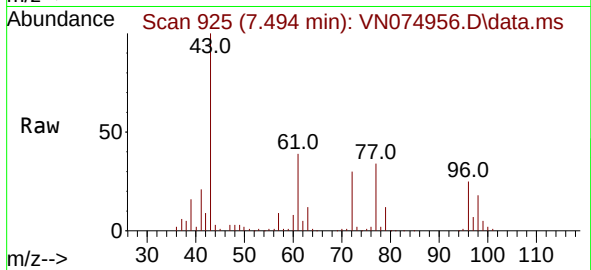
#25
2-Butanone
Concen: 89.568 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tgt Ion: 43 Resp: 63765
Ion Ratio Lower Upper
43 100
72 29.9 23.9 35.9

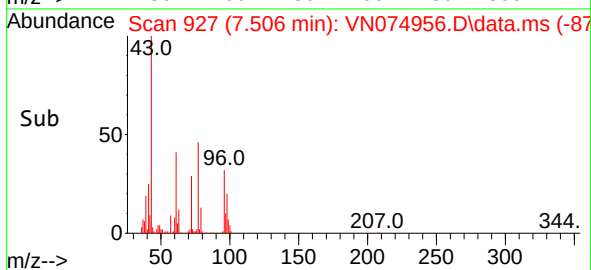
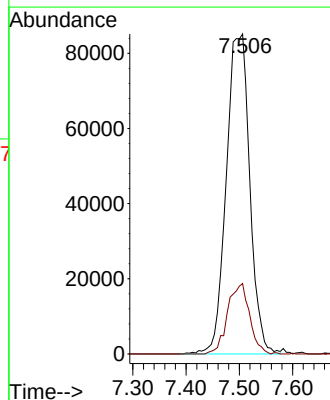
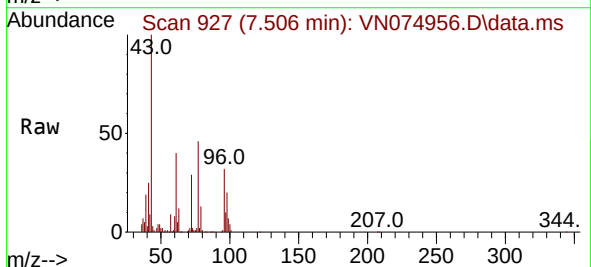
Manual Integrations
APPROVED

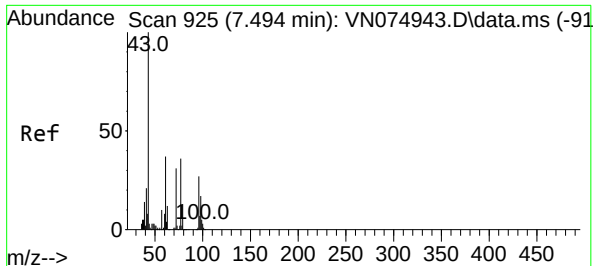
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#26
2,2-Dichloropropane
Concen: 18.233 ug/l
RT: 7.506 min Scan# 927
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

Tgt Ion: 77 Resp: 260948
Ion Ratio Lower Upper
77 100
97 20.6 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 18.861 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN074956.D

Acq: 21 Oct 2022 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS01

Tgt Ion: 96 Resp: 18516

Ion Ratio Lower Upper

96 100

61 136.5 0.0 277.8

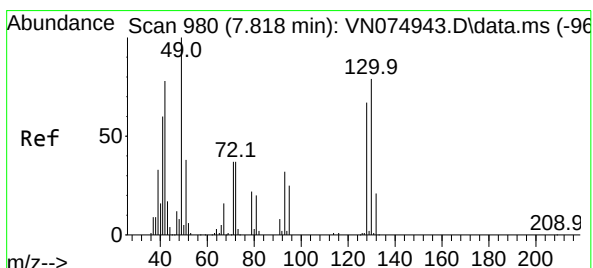
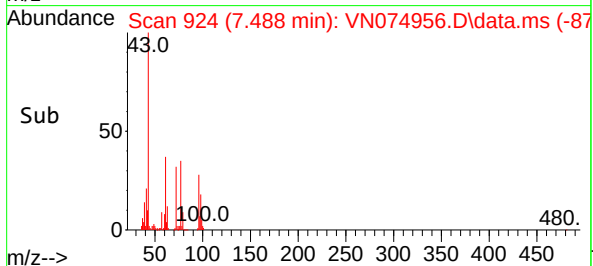
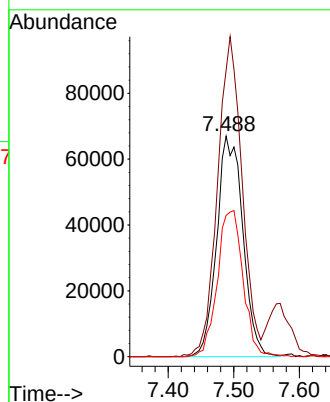
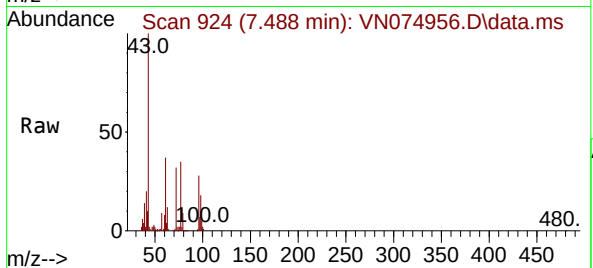
98 65.2 0.0 127.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#28

Bromochloromethane

Concen: 20.345 ug/l

RT: 7.818 min Scan# 980

Delta R.T. -0.000 min

Lab File: VN074956.D

Acq: 21 Oct 2022 12:49

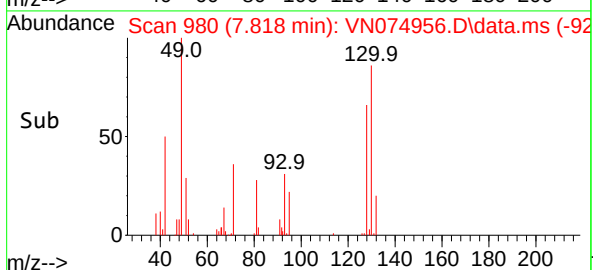
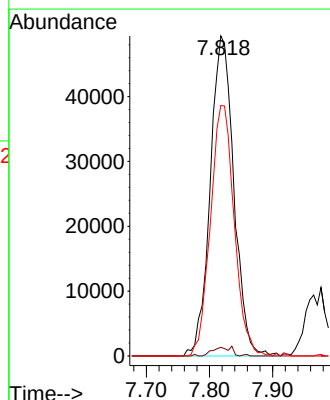
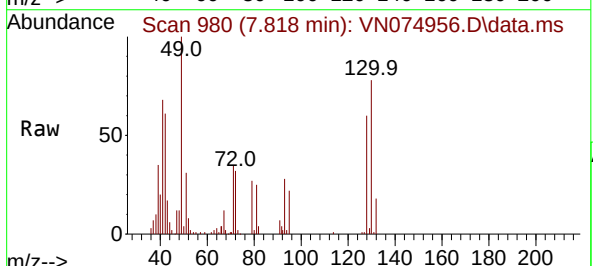
Tgt Ion: 49 Resp: 128379

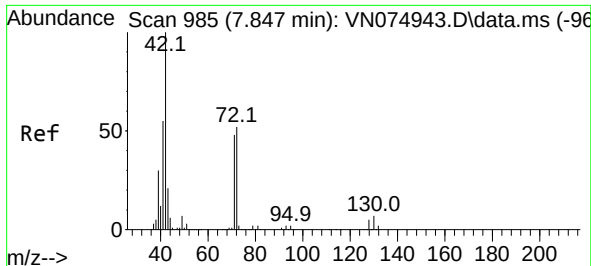
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

130 78.6 64.4 96.6





#29

Tetrahydrofuran

Concen: 89.902 ug/l

RT: 7.847 min Scan# 985

Delta R.T. -0.000 min

Lab File: VN074956.D

Acq: 21 Oct 2022 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS01

Tgt Ion: 42 Resp: 39474

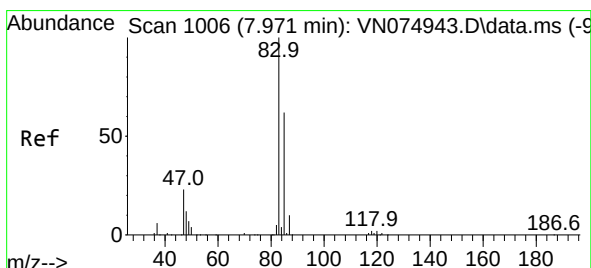
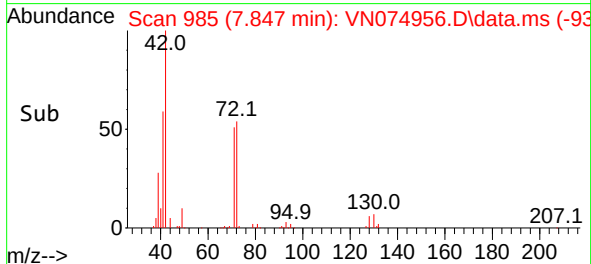
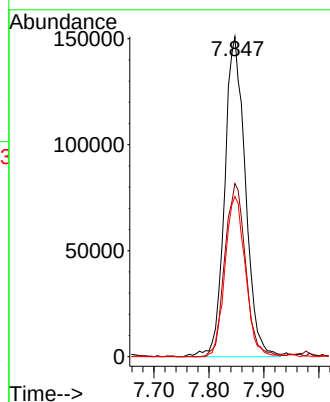
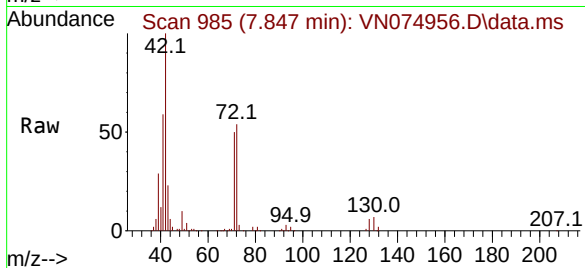
Ion	Ratio	Lower	Upper
42	100		
72	54.1	42.2	63.4
71	49.5	39.4	59.2

Manual Integrations

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Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#30

Chloroform

Concen: 18.445 ug/l

RT: 7.971 min Scan# 1006

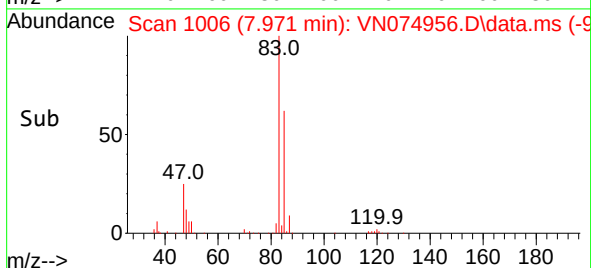
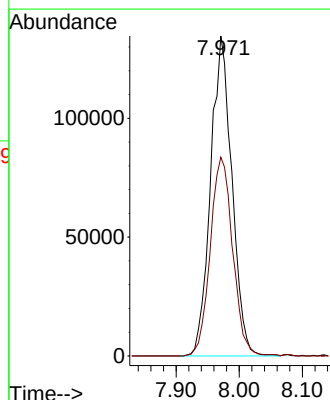
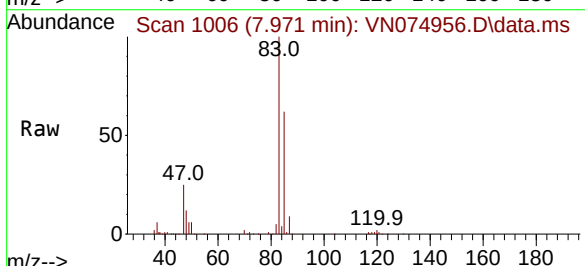
Delta R.T. -0.000 min

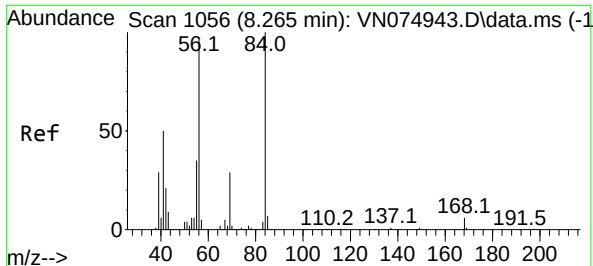
Lab File: VN074956.D

Acq: 21 Oct 2022 12:49

Tgt Ion: 83 Resp: 315618

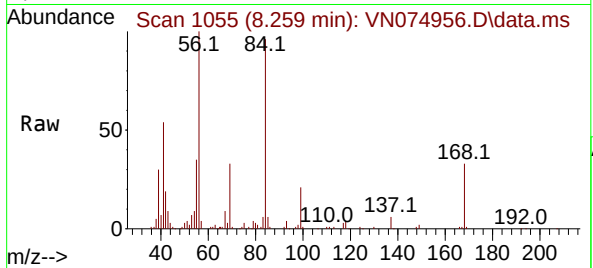
Ion	Ratio	Lower	Upper
83	100		
85	62.1	49.9	74.9





#31
Cyclohexane
Concen: 17.962 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

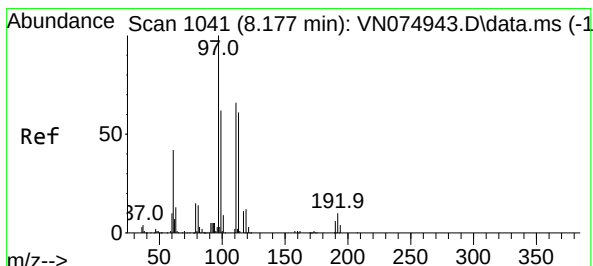
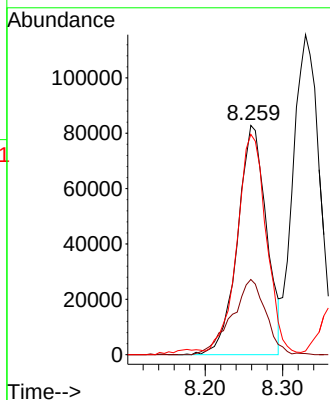
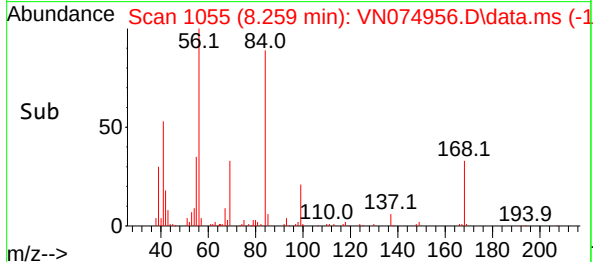
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01



Tgt Ion: 56 Resp: 21445
Ion Ratio Lower Upper
56 100
69 32.4 24.2 36.2
84 94.3 82.8 124.2

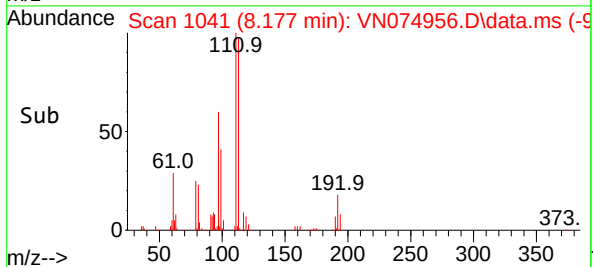
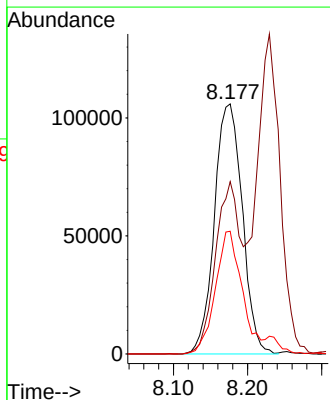
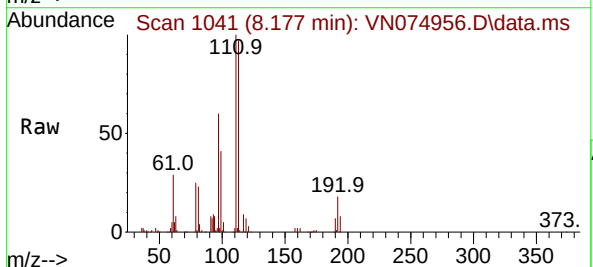
Manual Integrations
APPROVED

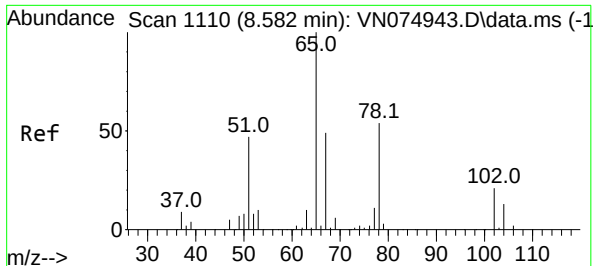
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#32
1,1,1-Trichloroethane
Concen: 18.003 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

Tgt Ion: 97 Resp: 277197
Ion Ratio Lower Upper
97 100
99 60.9 53.0 79.4
61 47.4 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.597 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN074956.D

Acq: 21 Oct 2022 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS01

Tgt Ion: 65 Resp: 556240

Ion Ratio Lower Upper

65 100

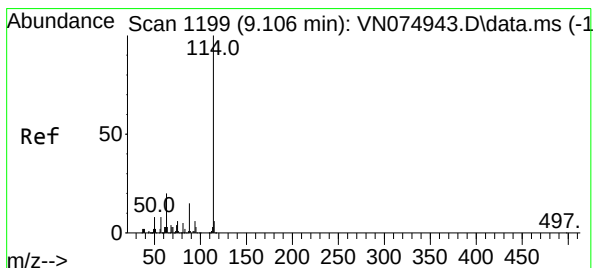
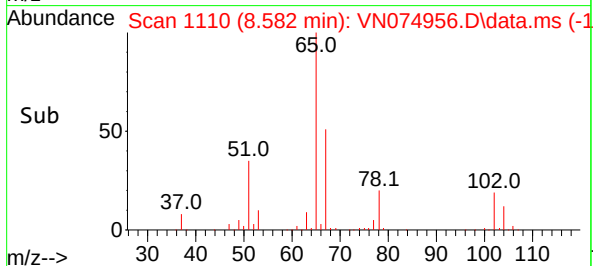
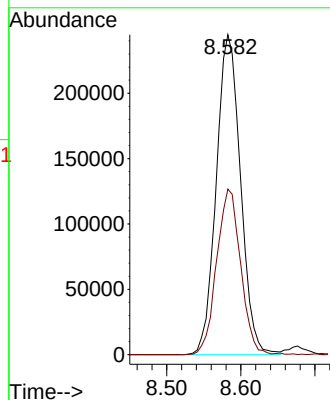
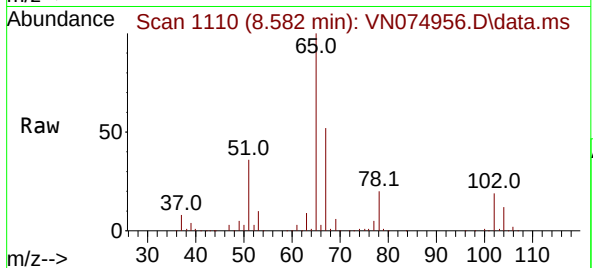
67 51.3 0.0 102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1198

Delta R.T. -0.006 min

Lab File: VN074956.D

Acq: 21 Oct 2022 12:49

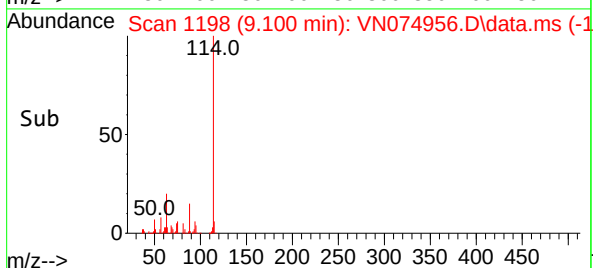
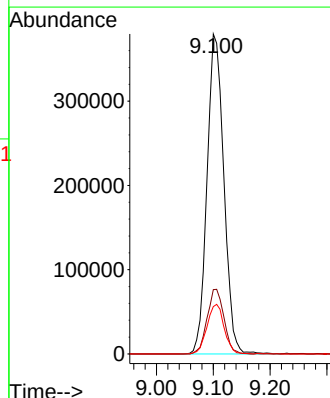
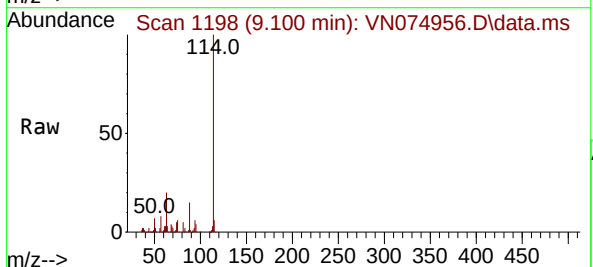
Tgt Ion:114 Resp: 777918

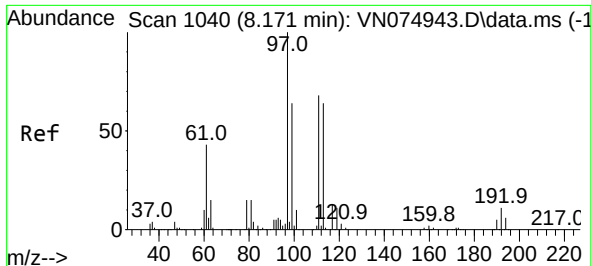
Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.8

88 14.8 0.0 30.4





#35

Dibromofluoromethane

Concen: 46.739 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN074956.D

Acq: 21 Oct 2022 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS01

Tgt Ion:113 Resp: 432760

Ion Ratio Lower Upper

113 100

111 103.6 83.4 125.2

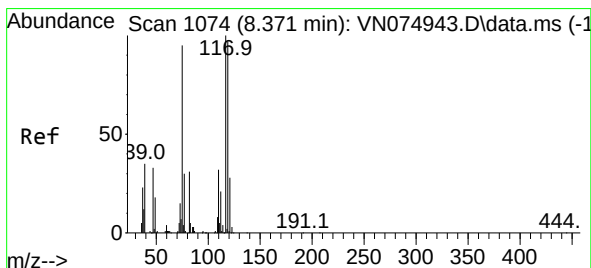
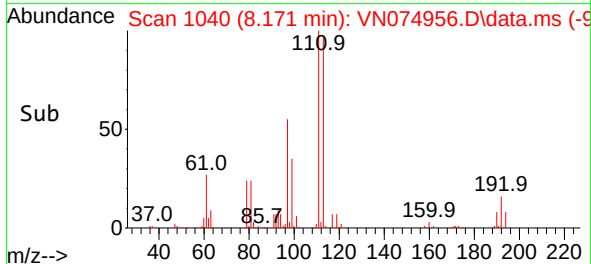
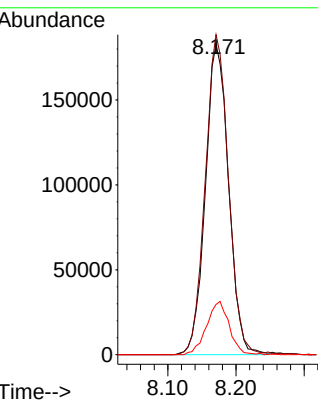
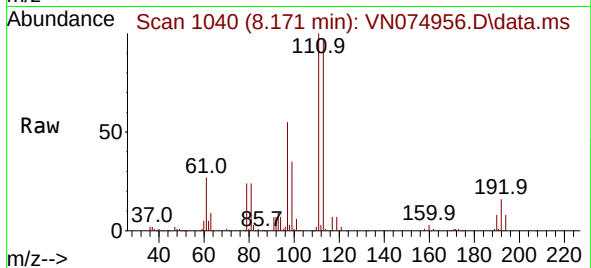
192 16.8 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#36

1,1-Dichloropropene

Concen: 17.599 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VN074956.D

Acq: 21 Oct 2022 12:49

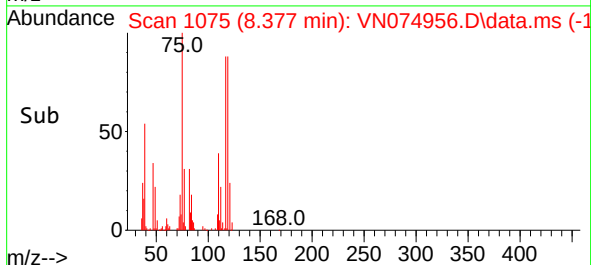
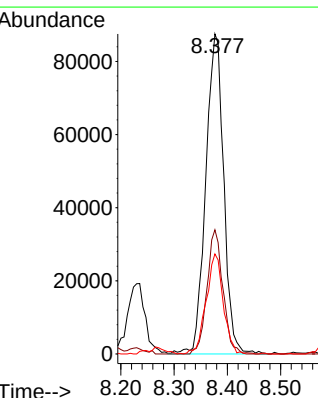
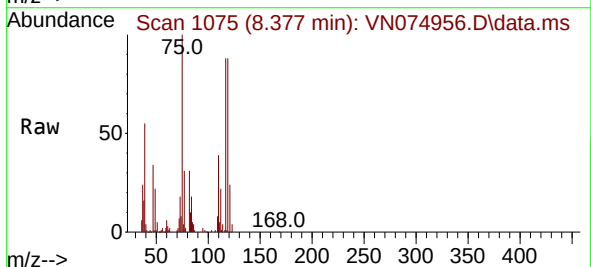
Tgt Ion: 75 Resp: 205216

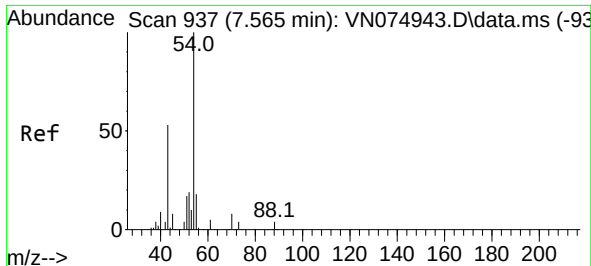
Ion Ratio Lower Upper

75 100

110 34.4 18.1 54.4

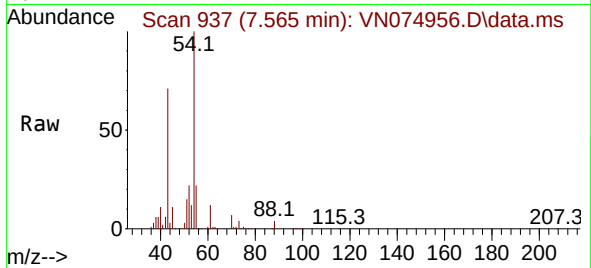
77 29.6 25.0 37.4





#37
Ethyl Acetate
Concen: 18.392 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

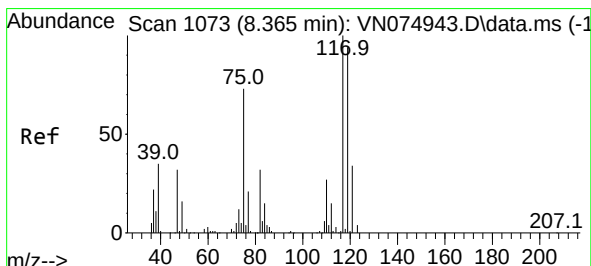
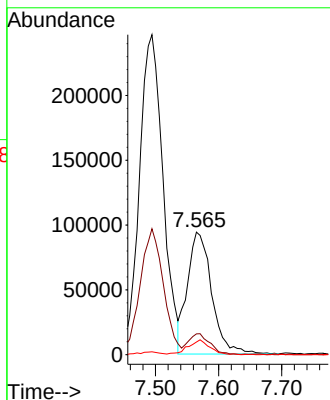
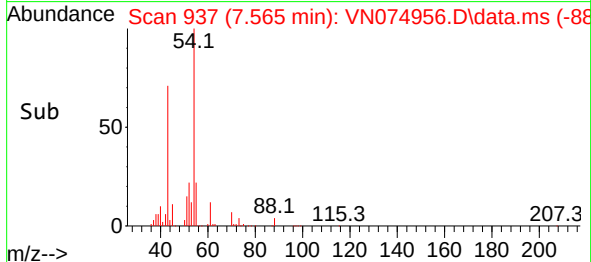
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01



Tgt Ion: 43 Resp: 252534
Ion Ratio Lower Upper
43 100
61 14.8 12.1 18.1
70 10.8 9.2 13.8

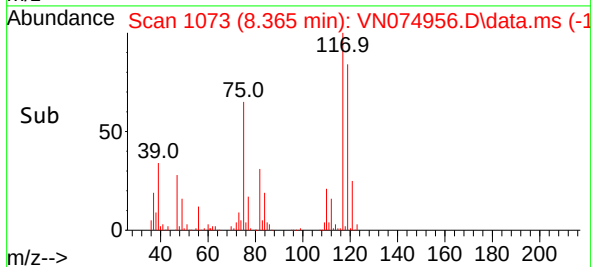
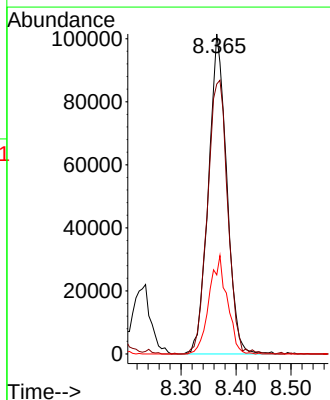
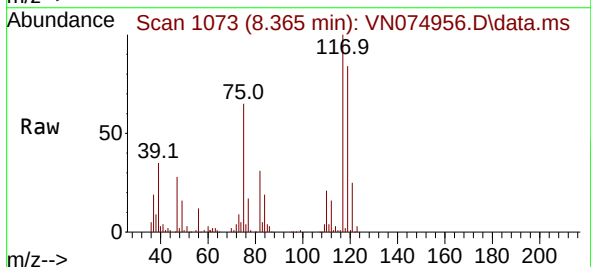
Manual Integrations
APPROVED

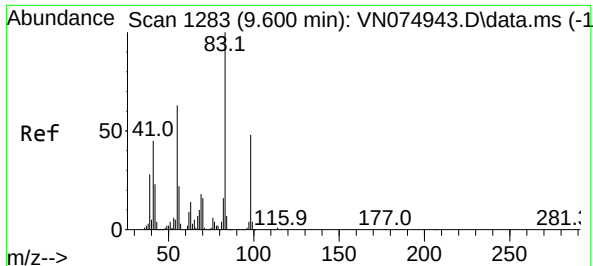
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#38
Carbon Tetrachloride
Concen: 18.529 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

Tgt Ion:117 Resp: 235199
Ion Ratio Lower Upper
117 100
119 84.3 75.2 112.8
121 24.7 27.0 40.6#





#39

Methylcyclohexane

Concen: 17.434 ug/l

RT: 9.606 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN074956.D

Acq: 21 Oct 2022 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS01

Tgt Ion: 83 Resp: 24087

Ion Ratio Lower Upper

83 100

55 68.0 50.8 76.2

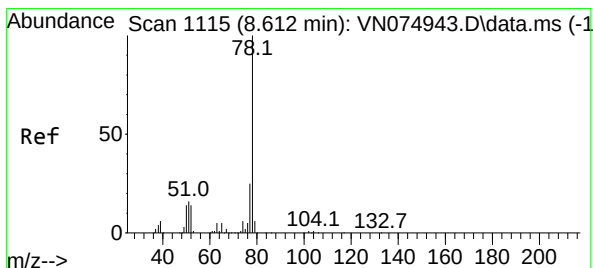
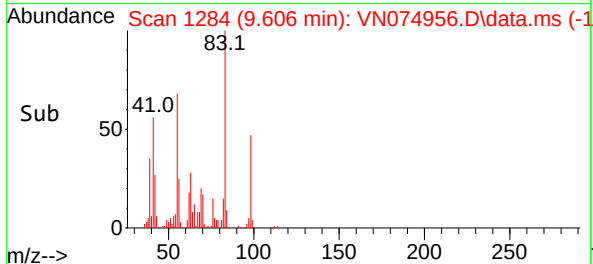
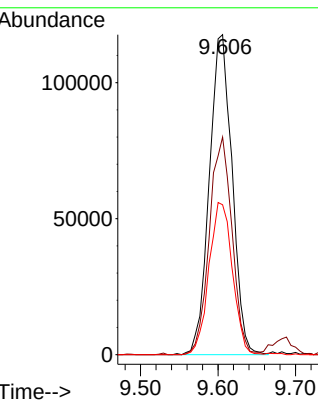
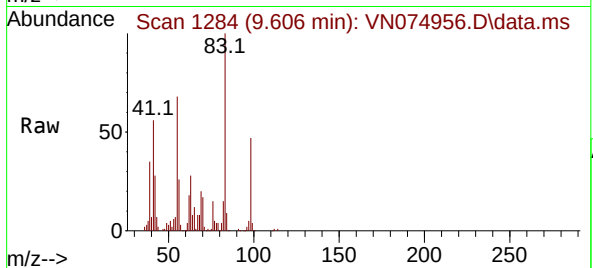
98 46.8 38.8 58.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#40

Benzene

Concen: 18.401 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN074956.D

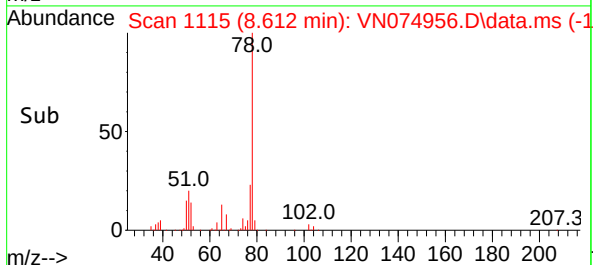
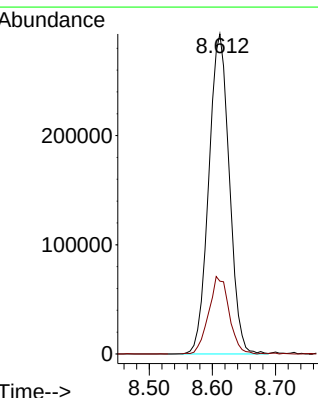
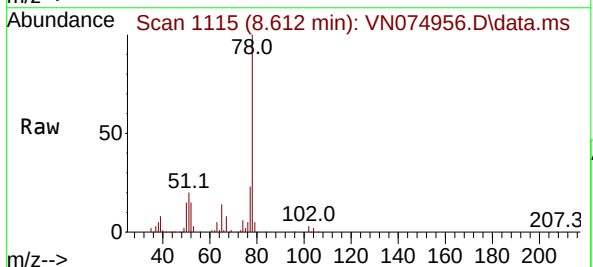
Acq: 21 Oct 2022 12:49

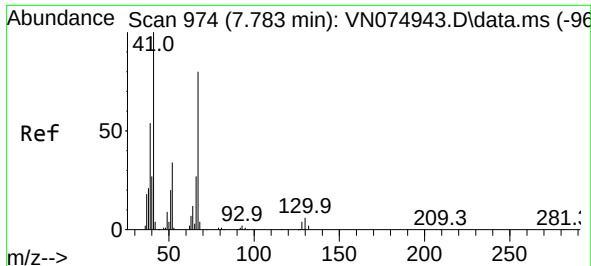
Tgt Ion: 78 Resp: 661501

Ion Ratio Lower Upper

78 100

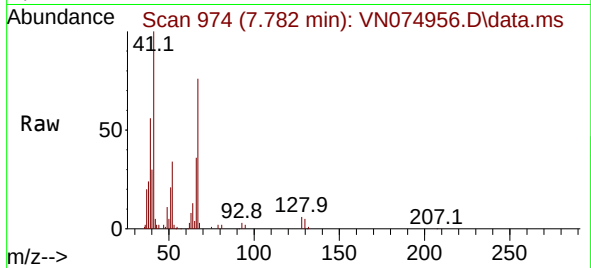
77 22.8 19.6 29.4





#41
Methacrylonitrile
Concen: 17.624 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

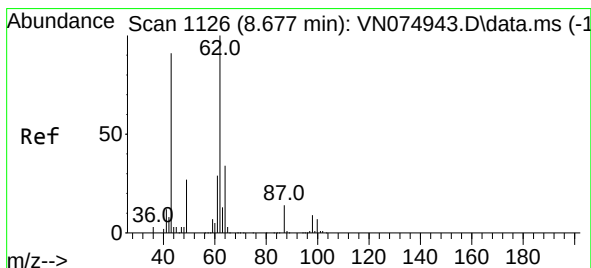
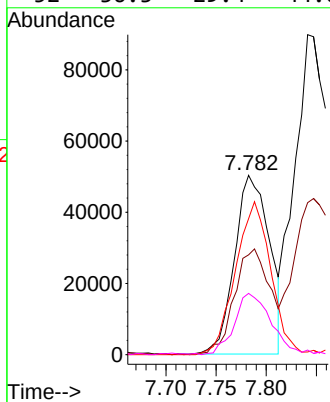
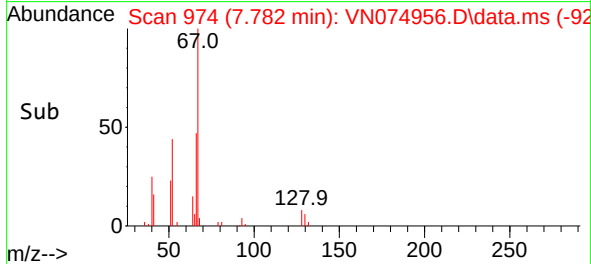
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01



Tgt Ion: 41 Resp: 121464
Ion Ratio Lower Upper
41 100
39 60.5 47.9 71.9
67 86.6 70.8 106.2
52 36.3 29.4 44.0

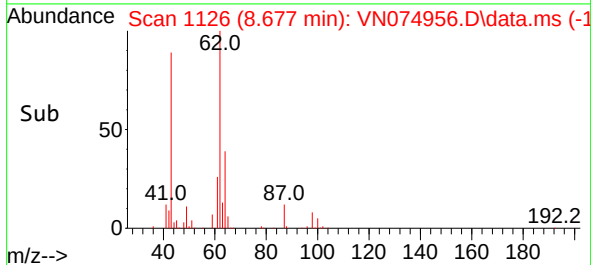
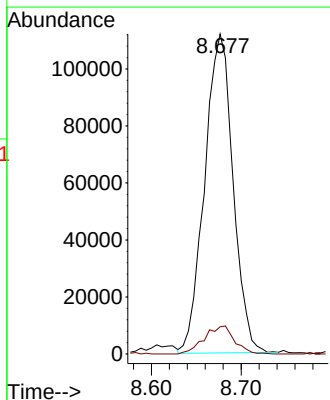
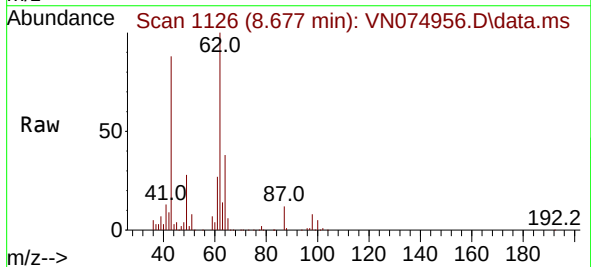
Manual Integrations
APPROVED

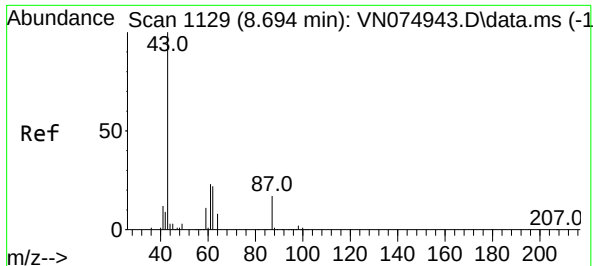
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#42
1,2-Dichloroethane
Concen: 18.085 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

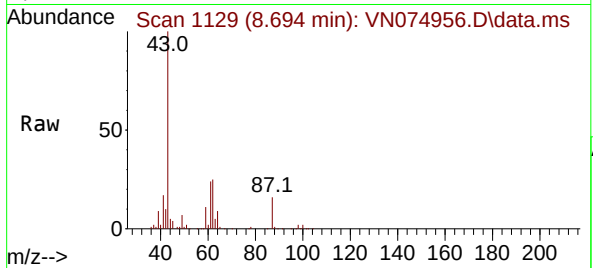
Tgt Ion: 62 Resp: 246097
Ion Ratio Lower Upper
62 100
98 9.3 0.0 17.8





#43
Isopropyl Acetate
Concen: 18.747 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

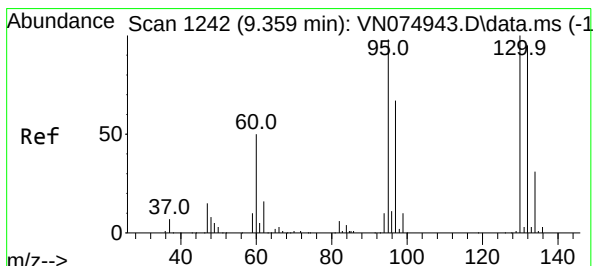
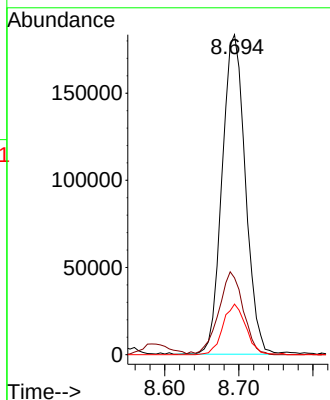
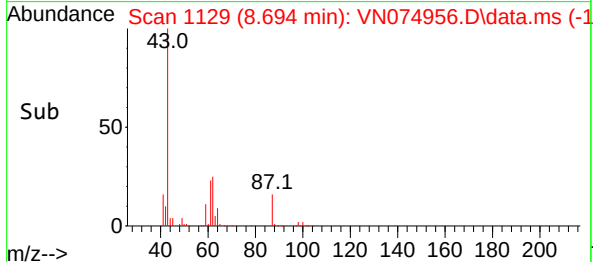
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01



Tgt Ion: 43 Resp: 399250
Ion Ratio Lower Upper
43 100
61 27.6 22.3 33.5
87 15.7 12.8 19.2

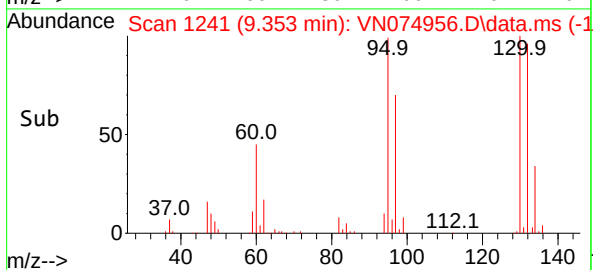
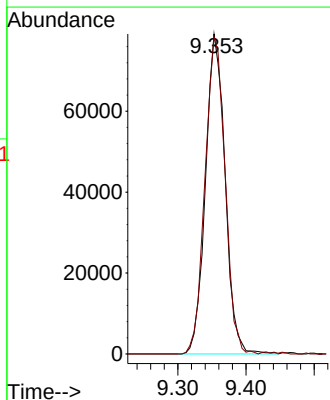
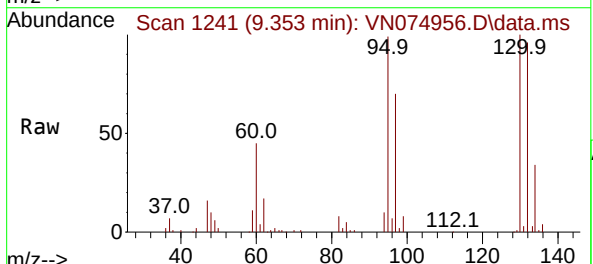
Manual Integrations
APPROVED

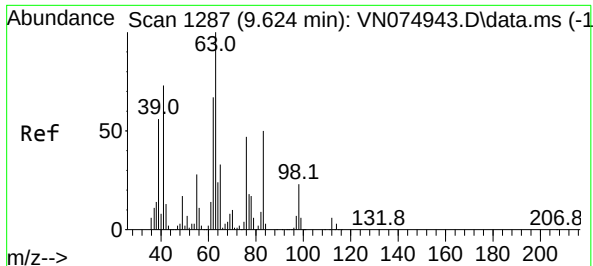
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#44
Trichloroethene
Concen: 17.952 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

Tgt Ion:130 Resp: 158395
Ion Ratio Lower Upper
130 100
95 99.1 0.0 195.8





#45

1,2-Dichloropropane

Concen: 18.918 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN074956.D

Acq: 21 Oct 2022 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS01

Tgt Ion: 63 Resp: 17529

Ion Ratio Lower Upper

63 100

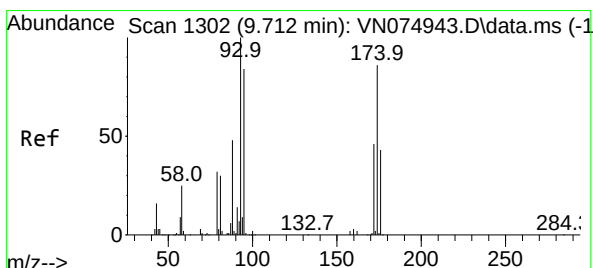
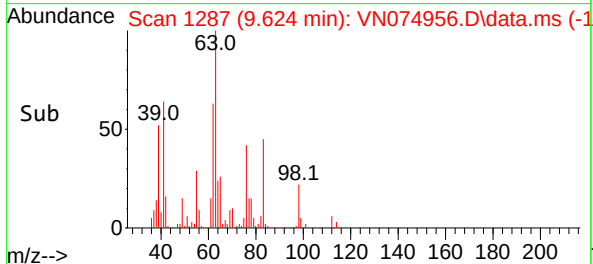
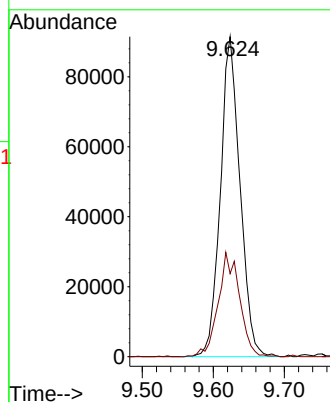
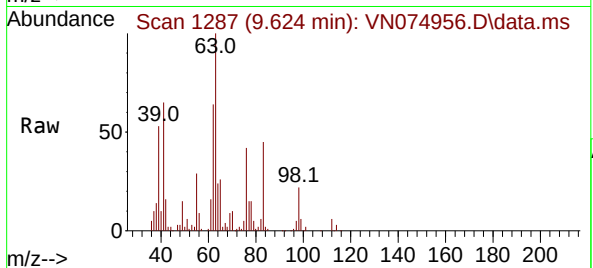
65 26.0 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#46

Dibromomethane

Concen: 18.601 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN074956.D

Acq: 21 Oct 2022 12:49

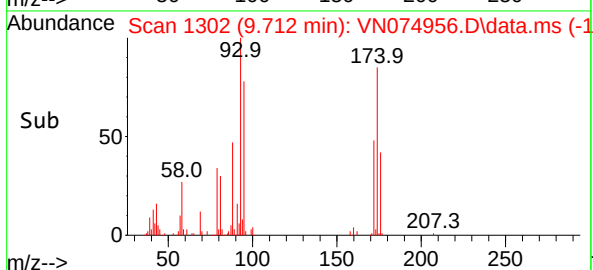
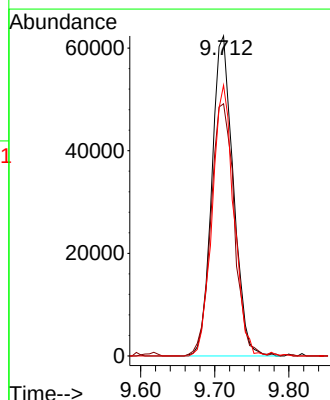
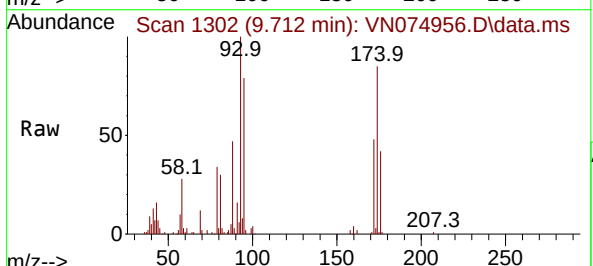
Tgt Ion: 93 Resp: 126038

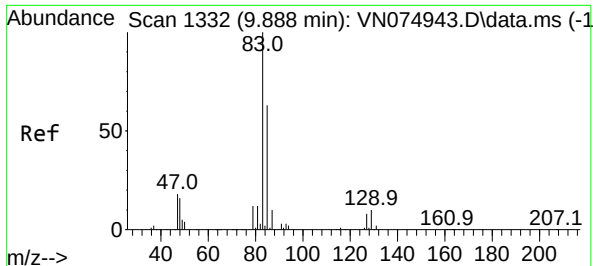
Ion Ratio Lower Upper

93 100

95 85.3 66.0 99.0

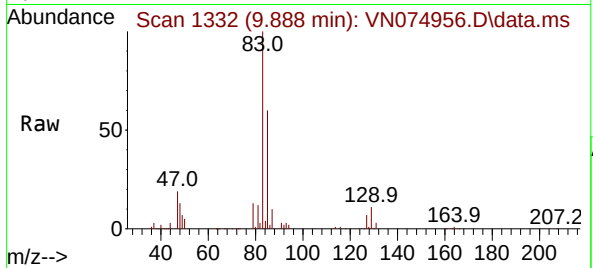
174 84.5 68.8 103.2





#47
Bromodichloromethane
Concen: 18.966 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

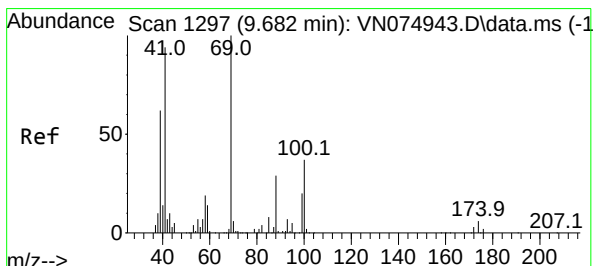
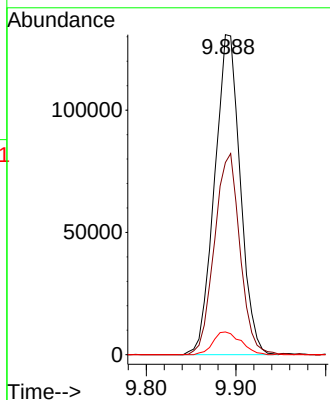
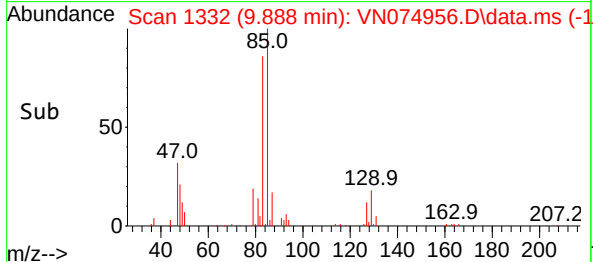
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01



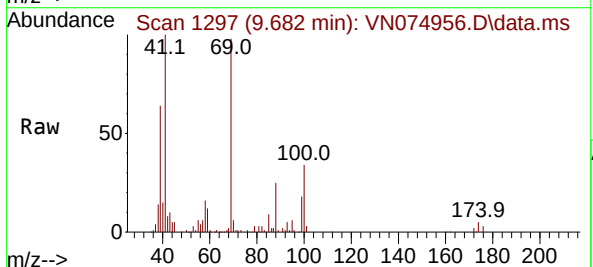
Tgt Ion: 83 Resp: 259602
Ion Ratio Lower Upper
83 100
85 60.0 50.1 75.1
127 7.1 6.5 9.7

Manual Integrations
APPROVED

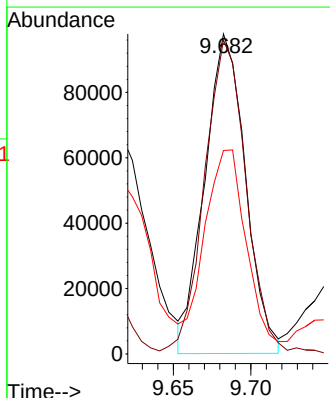
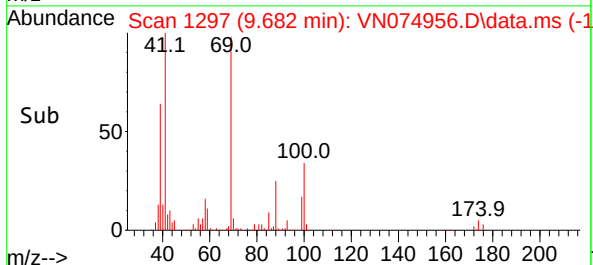
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

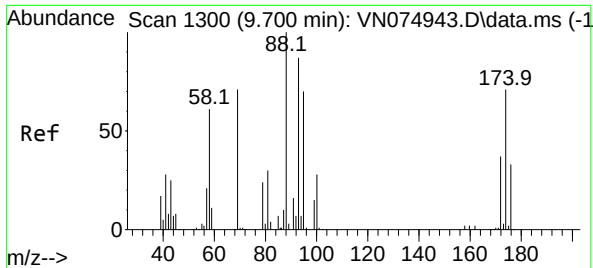


#48
Methyl methacrylate
Concen: 19.143 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49



Tgt Ion: 41 Resp: 178265
Ion Ratio Lower Upper
41 100
69 100.0 79.7 119.5
39 66.7 55.1 82.7





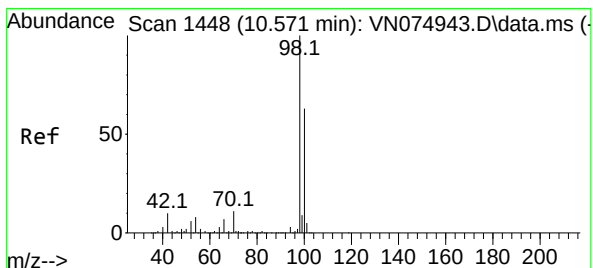
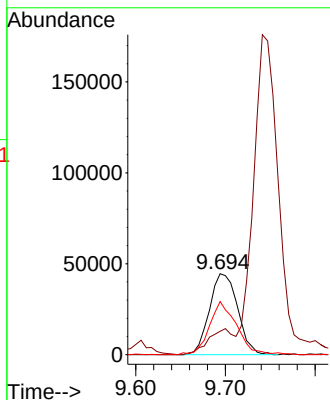
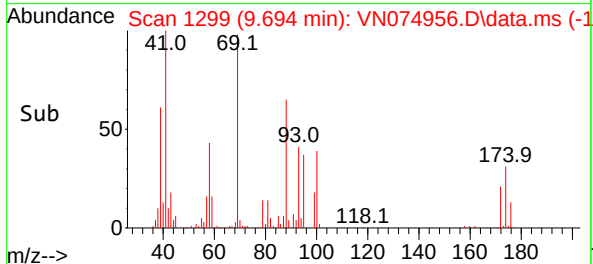
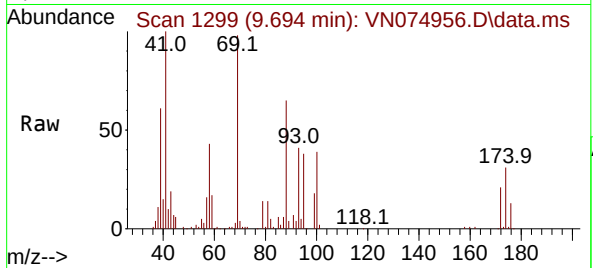
#49
1,4-Dioxane
Concen: 361.413 ug/l
RT: 9.694 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tgt Ion: 88 Resp: 97307
Ion Ratio Lower Upper
88 100
43 29.3 21.1 31.7
58 63.7 49.8 74.8

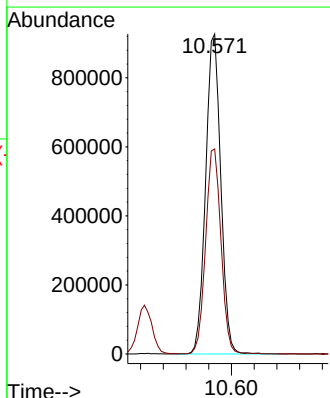
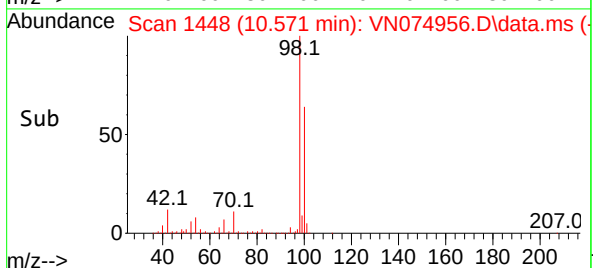
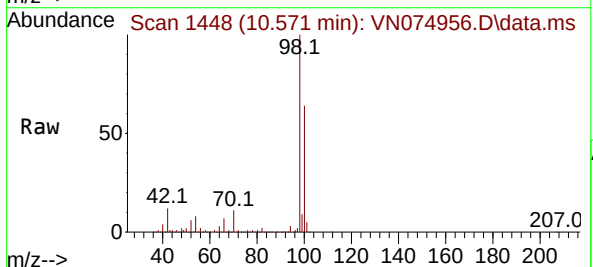
Manual Integrations
APPROVED

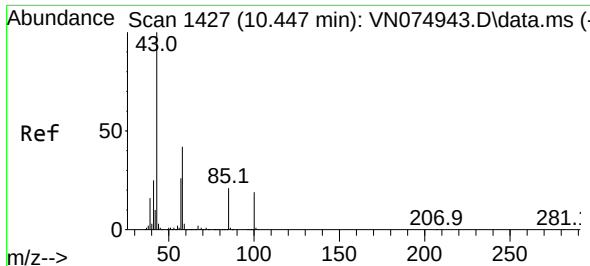
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#50
Toluene-d8
Concen: 48.087 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

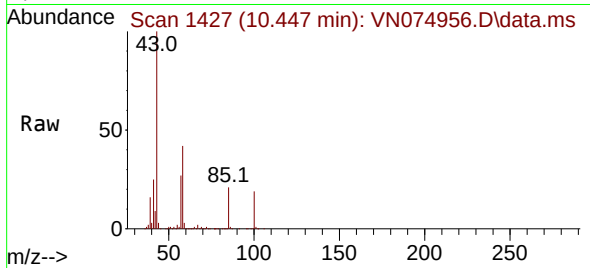
Tgt Ion: 98 Resp: 1708293
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.2





#51
4-Methyl-2-Pentanone
Concen: 95.170 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

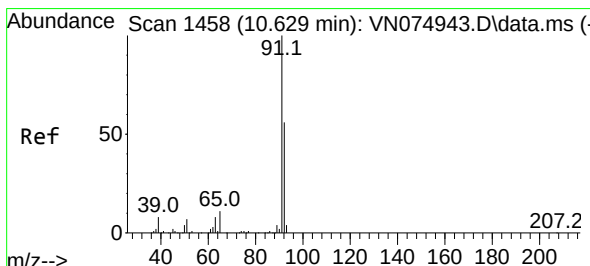
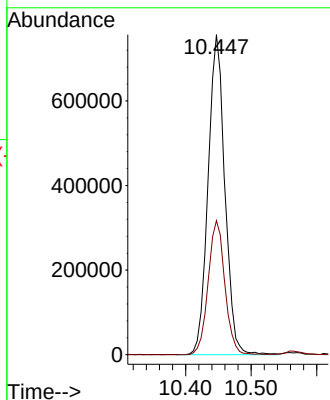
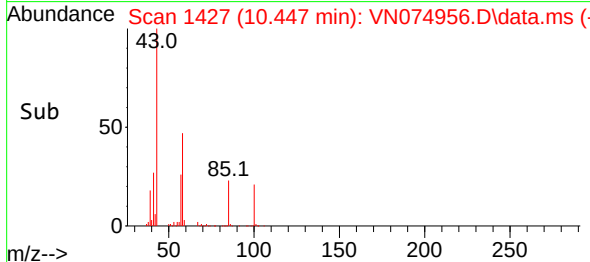
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01



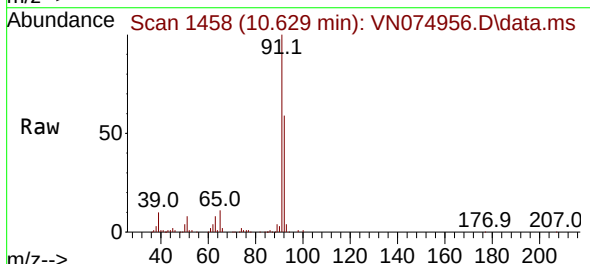
Tgt Ion: 43 Resp: 134256
Ion Ratio Lower Upper
43 100
58 41.8 33.6 50.4

Manual Integrations
APPROVED

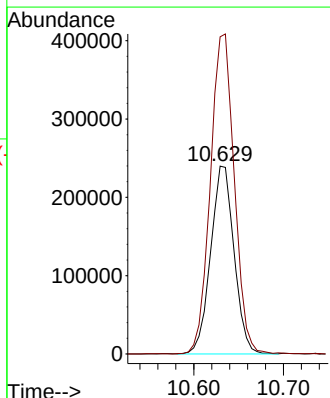
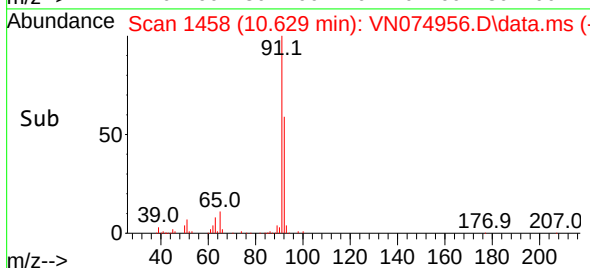
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

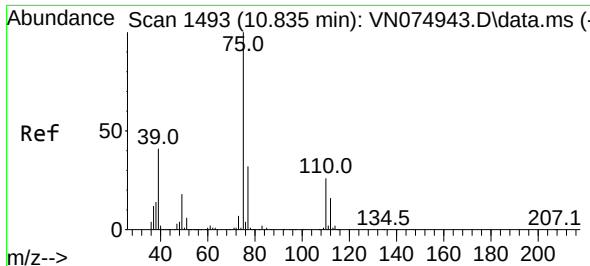


#52
Toluene
Concen: 18.553 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49



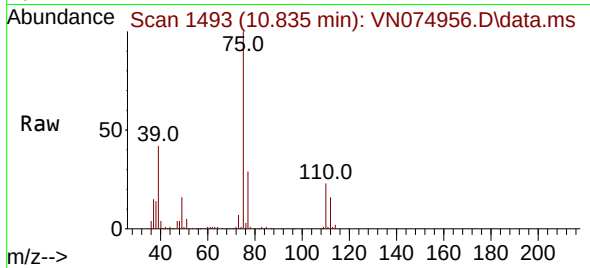
Tgt Ion: 92 Resp: 435225
Ion Ratio Lower Upper
92 100
91 174.3 139.2 208.8





#53
t-1,3-Dichloropropene
Concen: 19.538 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

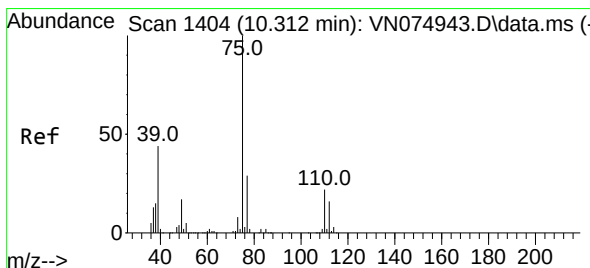
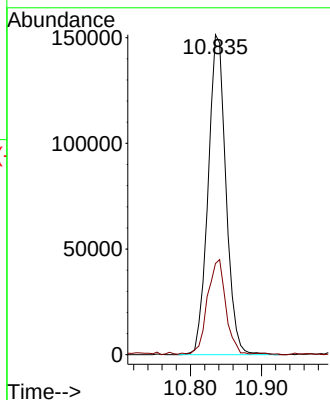
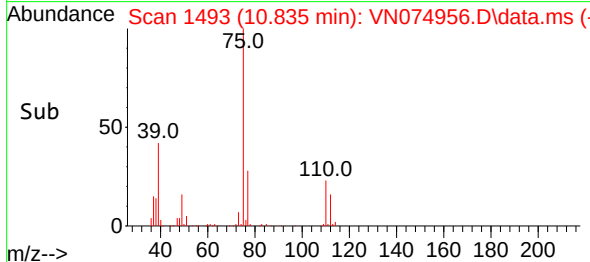
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01



Tgt Ion: 75 Resp: 263849
Ion Ratio Lower Upper
75 100
77 28.4 25.2 37.8

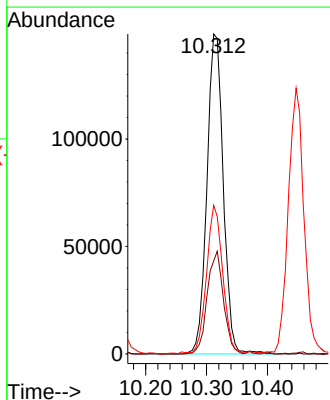
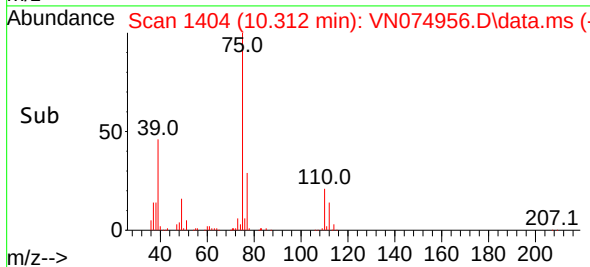
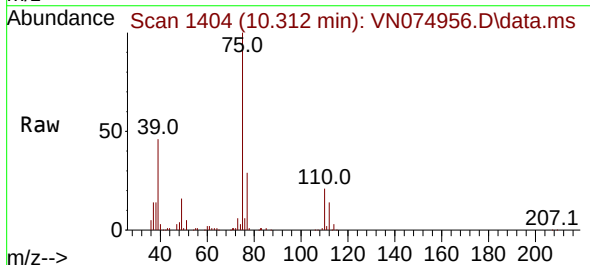
Manual Integrations
APPROVED

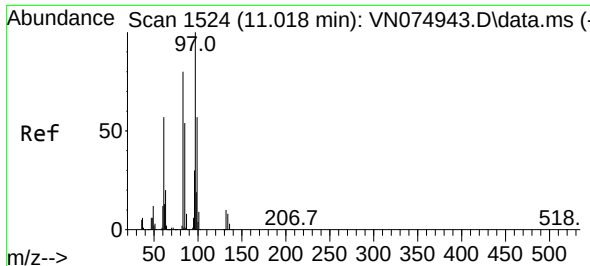
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#54
cis-1,3-Dichloropropene
Concen: 18.602 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

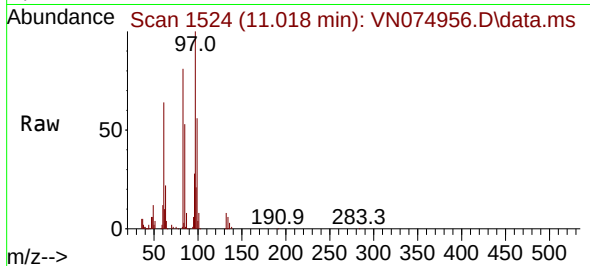
Tgt Ion: 75 Resp: 277800
Ion Ratio Lower Upper
75 100
77 29.1 23.5 35.3
39 46.4 35.1 52.7





#55
1,1,2-Trichloroethane
Concen: 19.127 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

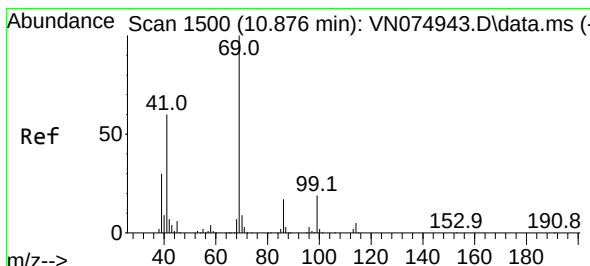
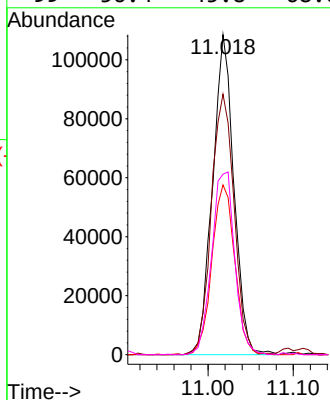
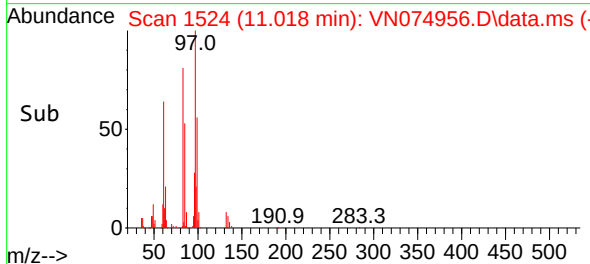
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01



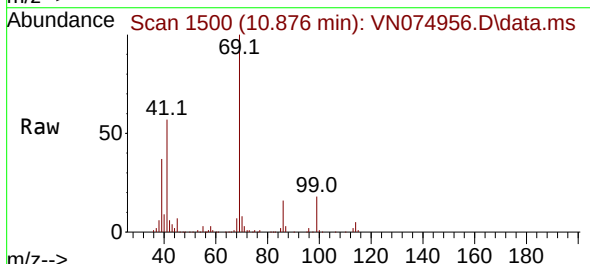
Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.2	64.2	96.4
85	53.1	43.3	64.9
99	56.4	45.8	68.6

Manual Integrations
APPROVED

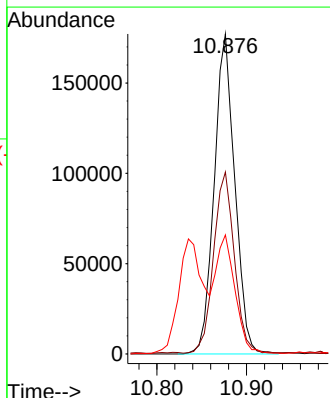
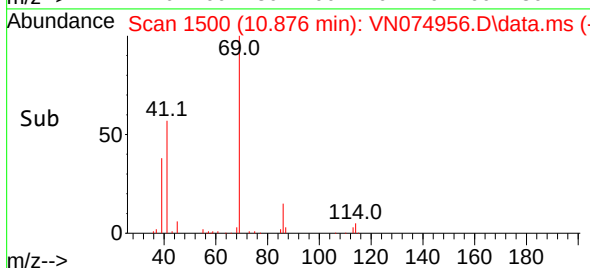
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

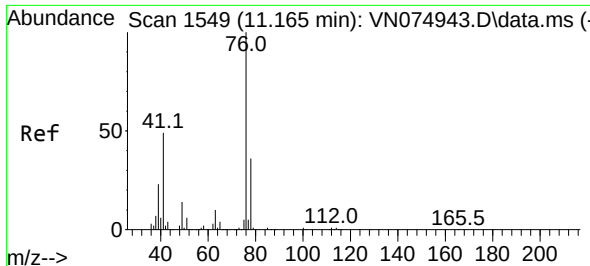


#56
Ethyl methacrylate
Concen: 19.034 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49



Tgt Ion	Ratio	Lower	Upper
69	100		
41	57.0	45.1	67.7
39	34.8	32.0	48.0





#57

1,3-Dichloropropane

Concen: 19.013 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN074956.D

Acq: 21 Oct 2022 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS01

Tgt Ion: 76 Resp: 317758

Ion Ratio Lower Upper

76 100

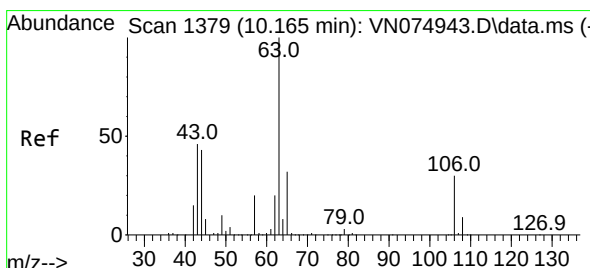
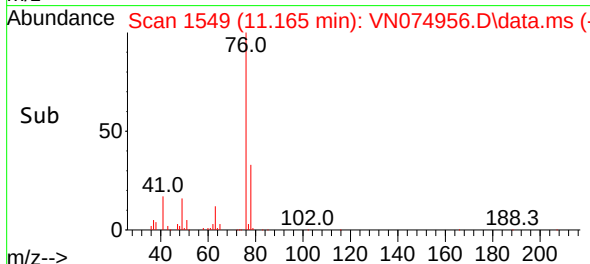
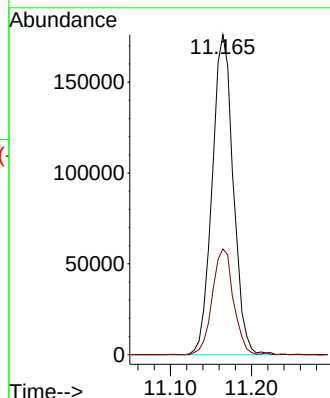
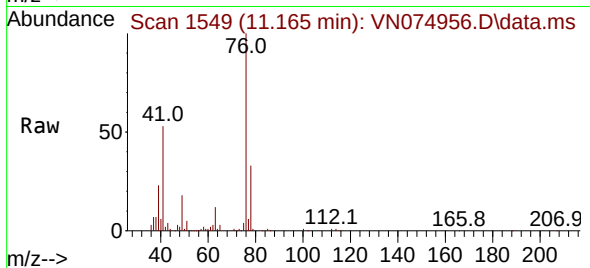
78 33.1 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#58

2-Chloroethyl Vinyl ether

Concen: 90.022 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN074956.D

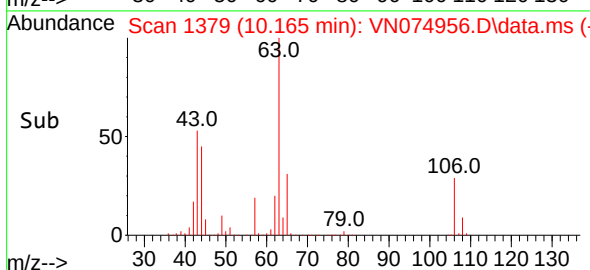
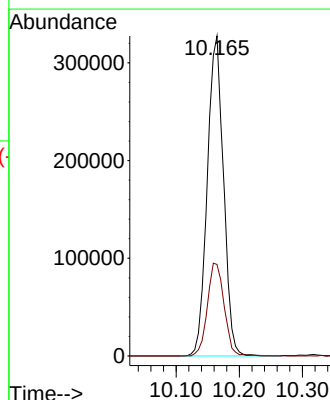
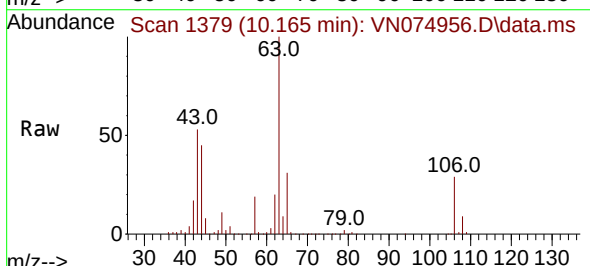
Acq: 21 Oct 2022 12:49

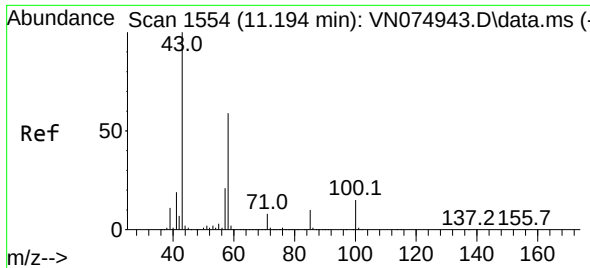
Tgt Ion: 63 Resp: 584515

Ion Ratio Lower Upper

63 100

106 29.9 24.1 36.1





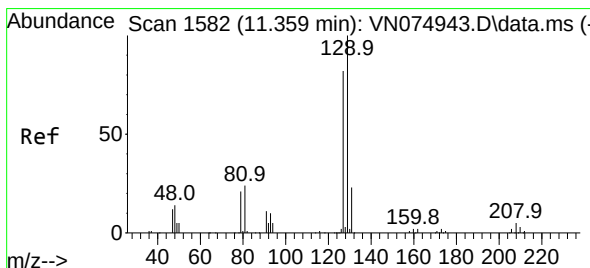
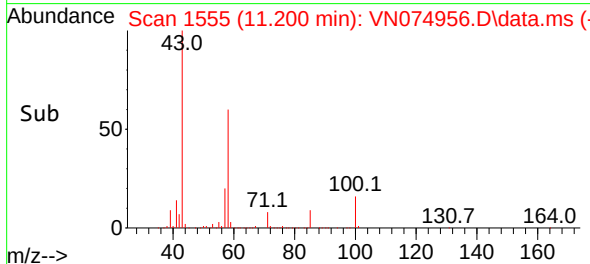
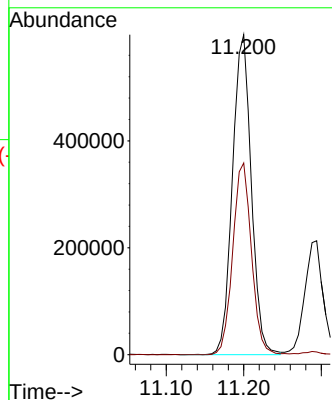
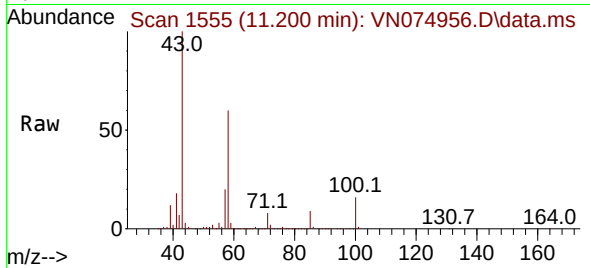
#59
2-Hexanone
Concen: 94.775 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tgt Ion: 43 Resp: 101395
Ion Ratio Lower Upper
43 100
58 59.5 29.5 88.5

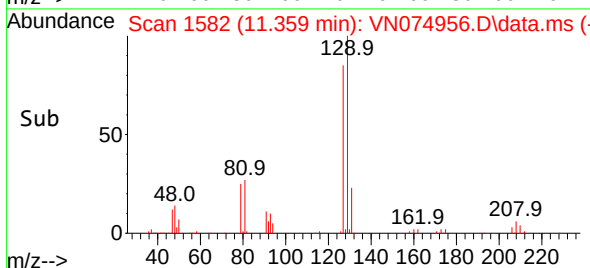
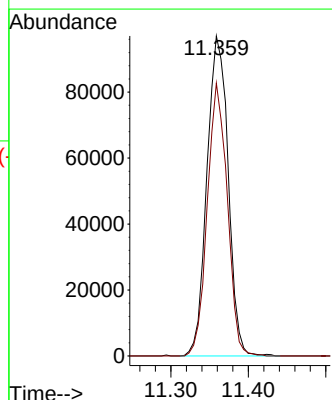
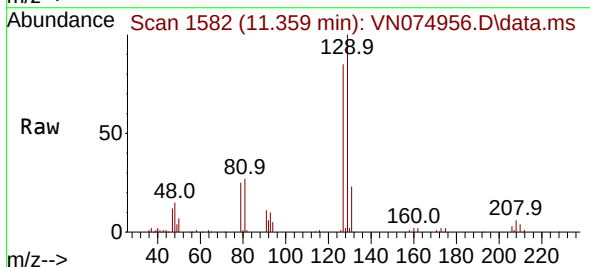
Manual Integrations
APPROVED

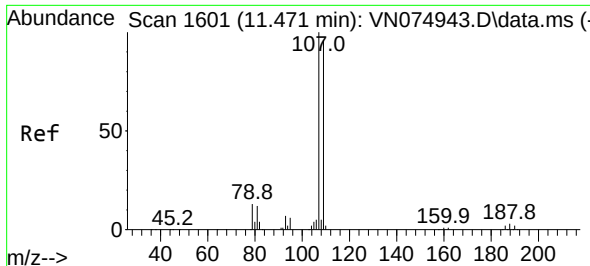
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#60
Dibromochloromethane
Concen: 17.861 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

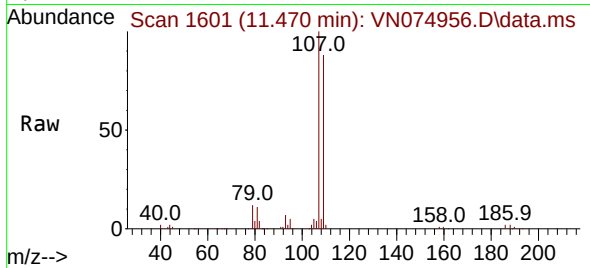
Tgt Ion:129 Resp: 184573
Ion Ratio Lower Upper
129 100
127 80.3 39.0 116.9





#61
1,2-Dibromoethane
Concen: 19.219 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

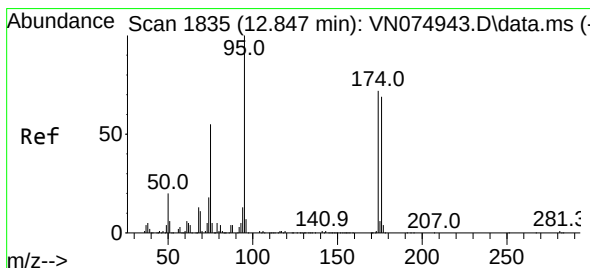
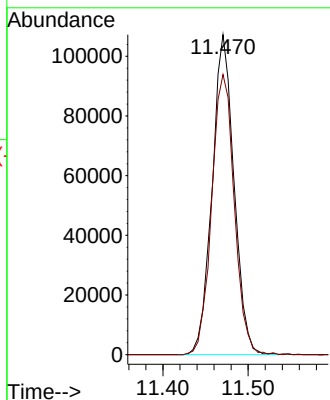
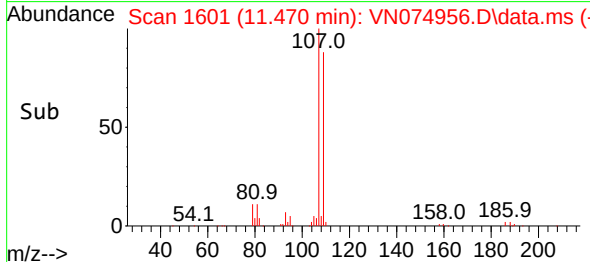
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01



Tgt Ion:107 Resp: 190764
Ion Ratio Lower Upper
107 100
109 90.8 75.5 113.3

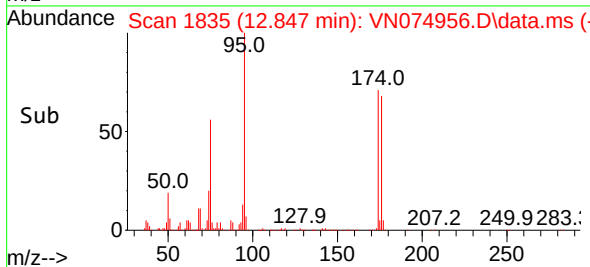
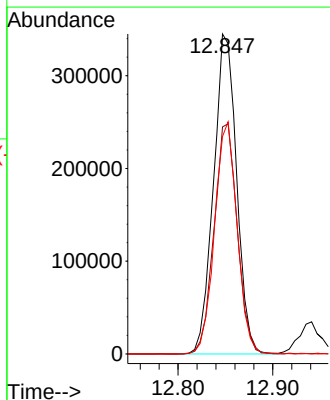
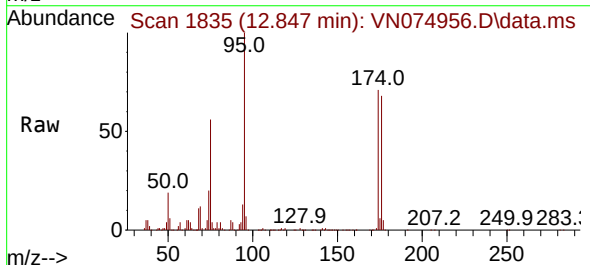
Manual Integrations
APPROVED

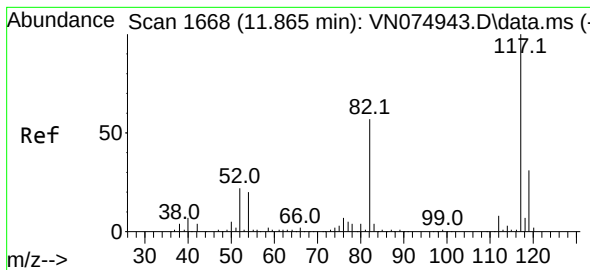
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#62
4-Bromofluorobenzene
Concen: 46.548 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

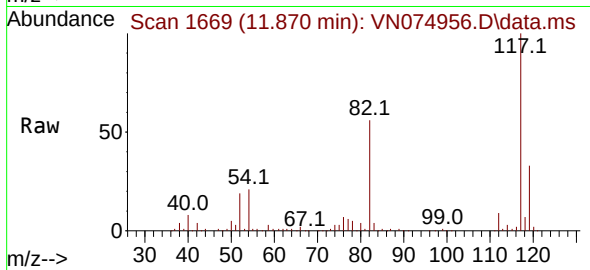
Tgt Ion: 95 Resp: 583298
Ion Ratio Lower Upper
95 100
174 72.5 0.0 143.0
176 70.9 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

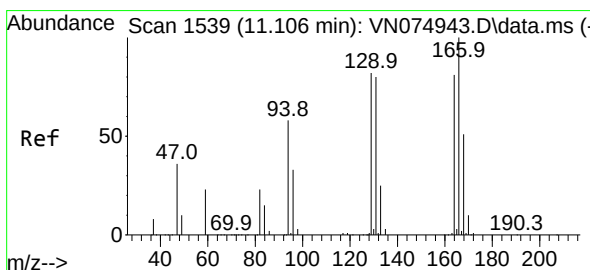
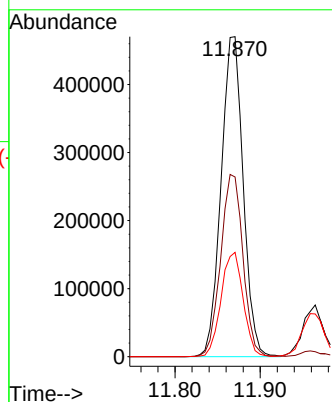
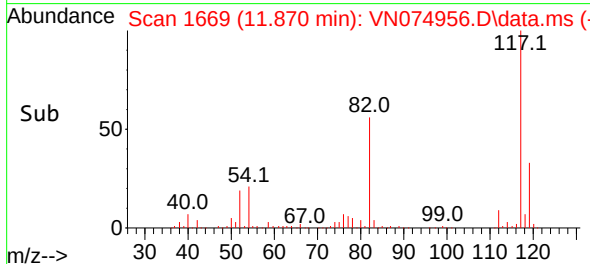
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01



Tgt Ion:117 Resp: 849014
Ion Ratio Lower Upper
117 100
82 56.2 45.6 68.4
119 32.6 25.1 37.7

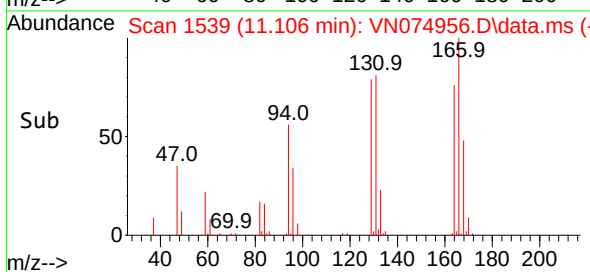
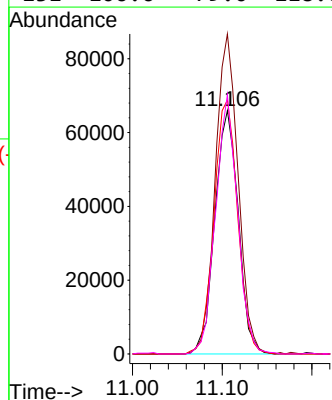
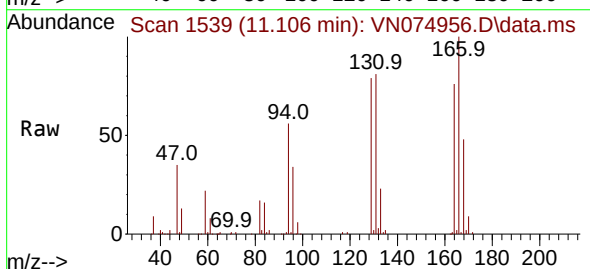
Manual Integrations
APPROVED

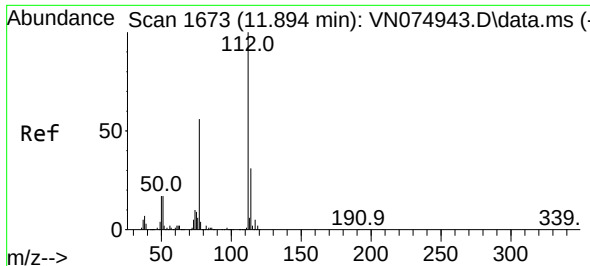
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#64
Tetrachloroethene
Concen: 17.203 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

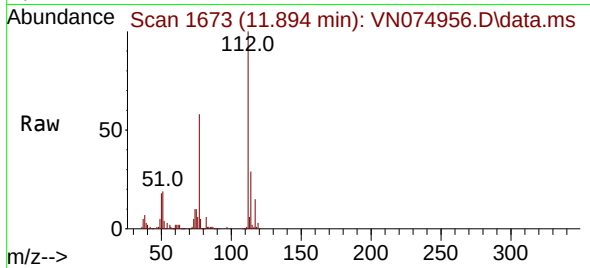
Tgt Ion:164 Resp: 119438
Ion Ratio Lower Upper
164 100
166 131.5 98.6 148.0
129 104.3 81.2 121.8
131 106.6 79.0 118.6





#65
Chlorobenzene
Concen: 18.394 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

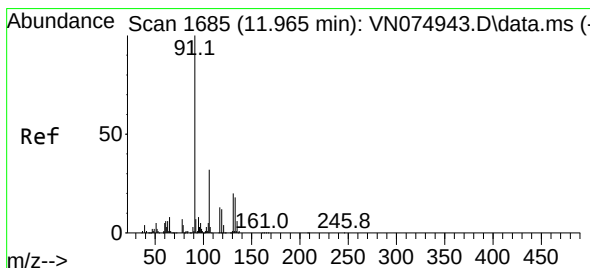
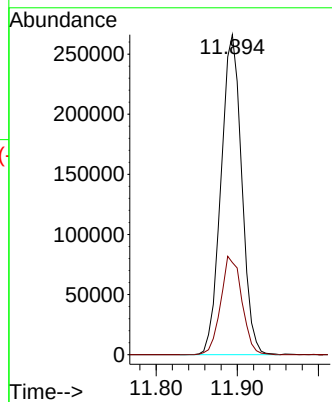
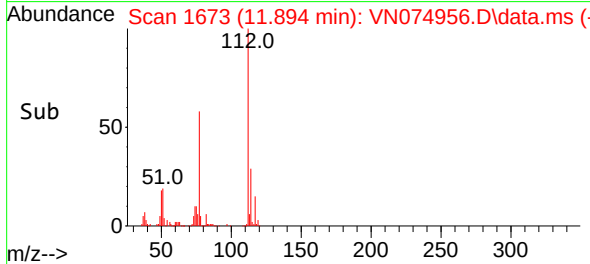
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01



Tgt Ion:112 Resp: 47219
Ion Ratio Lower Upper
112 100
114 28.8 25.0 37.6

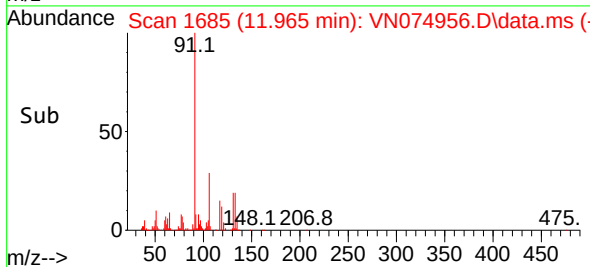
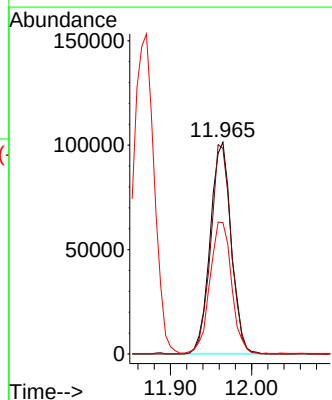
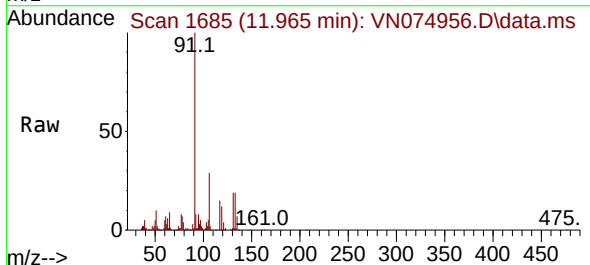
Manual Integrations
APPROVED

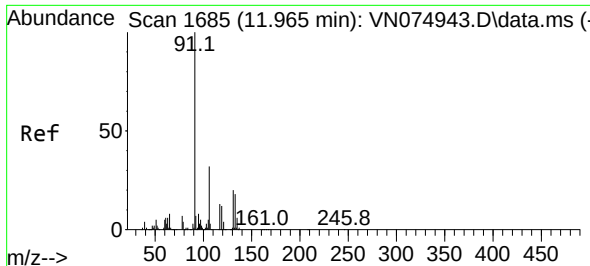
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 18.865 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

Tgt Ion:131 Resp: 182533
Ion Ratio Lower Upper
131 100
133 96.4 46.6 139.7
119 64.4 32.4 97.0





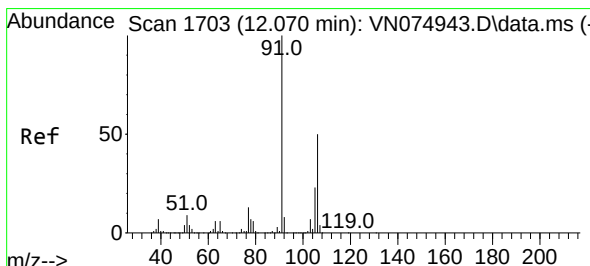
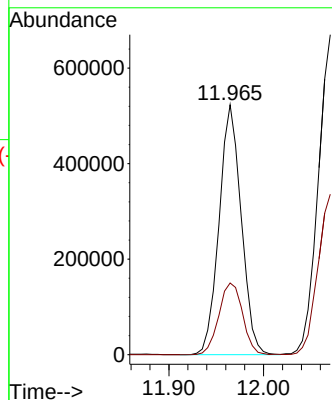
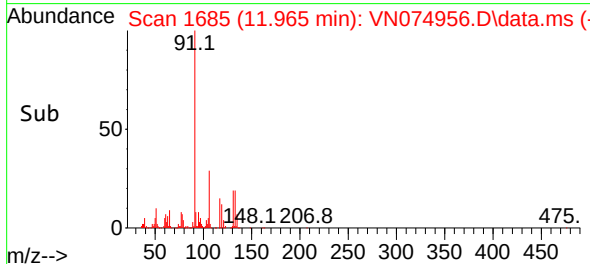
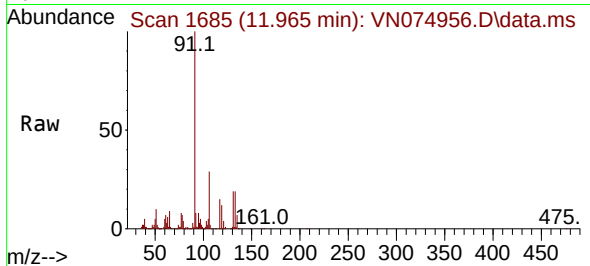
#67
Ethyl Benzene
Concen: 18.650 ug/l
RT: 11.965 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tgt Ion: 91 Resp: 85006
Ion Ratio Lower Upper
91 100
106 28.7 25.4 38.2

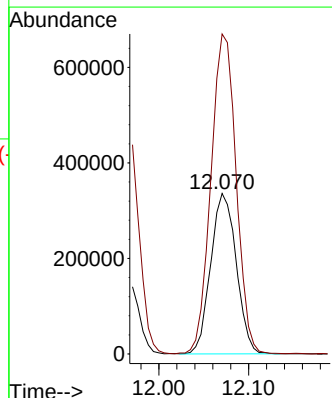
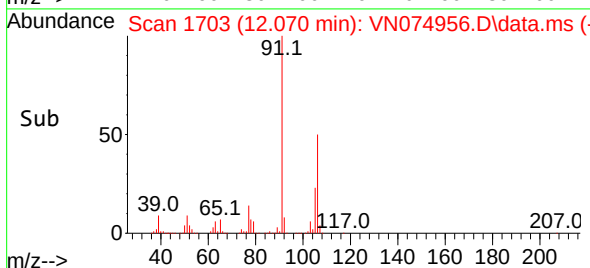
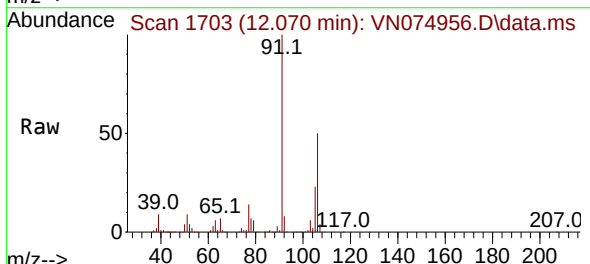
Manual Integrations
APPROVED

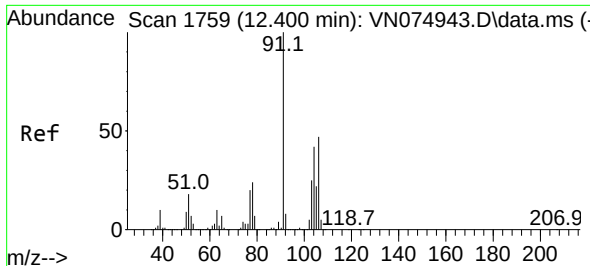
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#68
m/p-Xylenes
Concen: 37.379 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

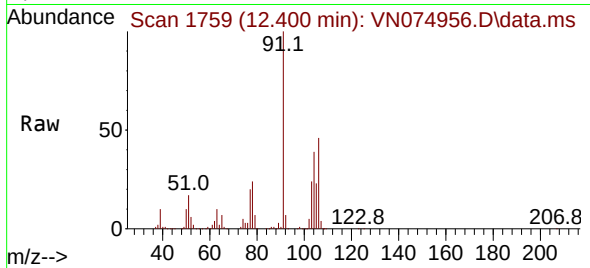
Tgt Ion:106 Resp: 664325
Ion Ratio Lower Upper
106 100
91 196.7 159.7 239.5





#69
o-Xylene
Concen: 18.678 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

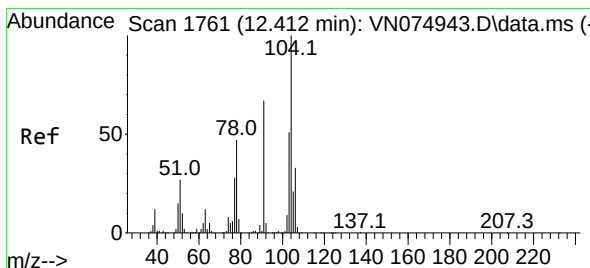
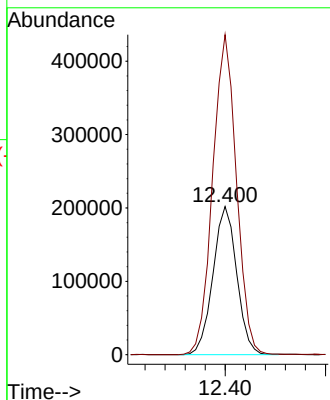
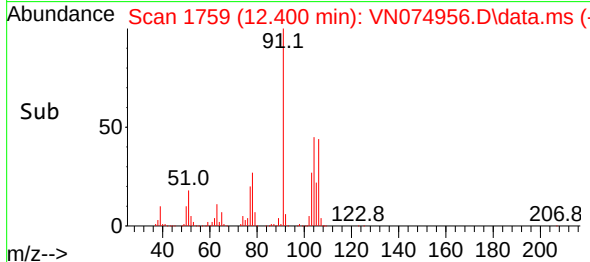
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01



Tgt Ion:106 Resp: 33252
Ion Ratio Lower Upper
106 100
91 215.5 103.6 310.7

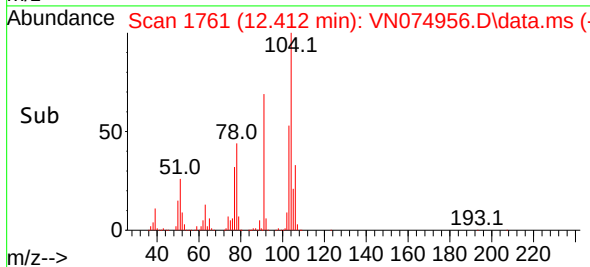
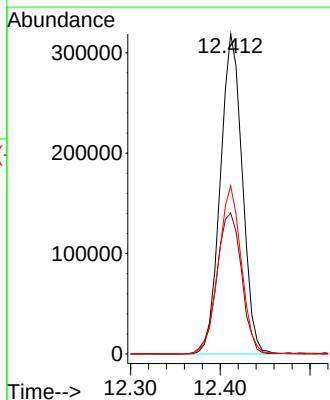
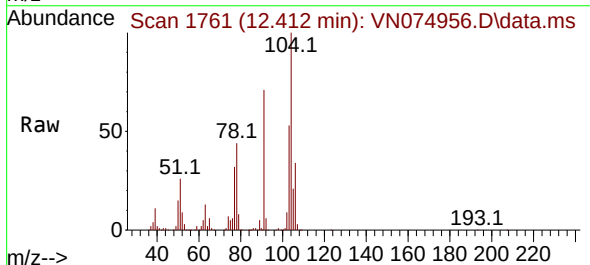
Manual Integrations
APPROVED

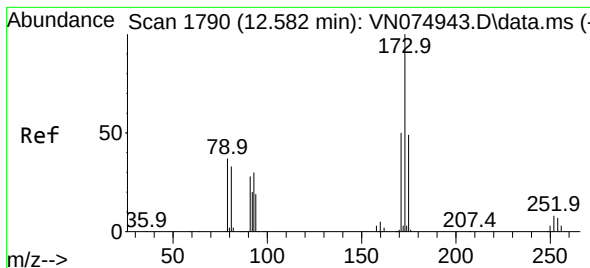
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#70
Styrene
Concen: 19.182 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

Tgt Ion:104 Resp: 541291
Ion Ratio Lower Upper
104 100
78 50.0 39.4 59.2
103 54.7 43.0 64.4





#71

Bromoform

Concen: 17.663 ug/l

RT: 12.576 min Scan# 1789

Delta R.T. -0.006 min

Lab File: VN074956.D

Acq: 21 Oct 2022 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS01

Tgt Ion:173 Resp: 128980

Ion Ratio Lower Upper

173 100

175 51.4 24.8 74.3

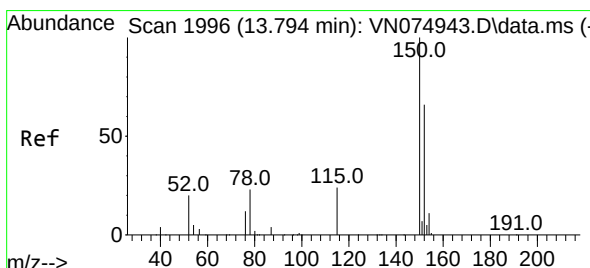
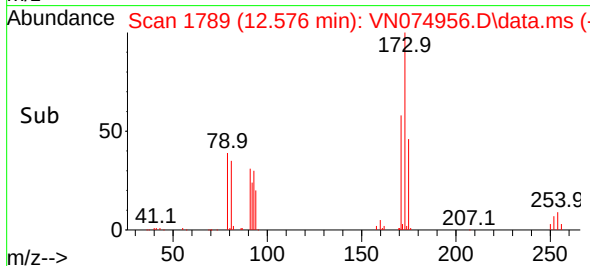
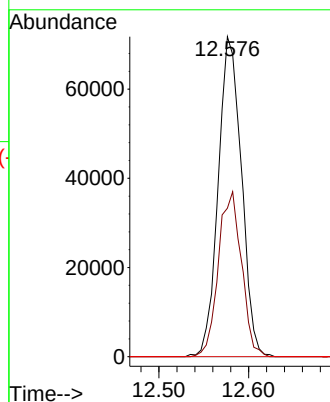
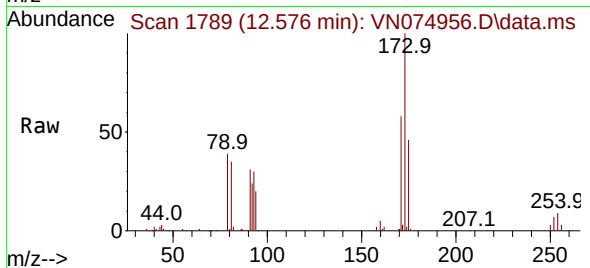
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN074956.D

Acq: 21 Oct 2022 12:49

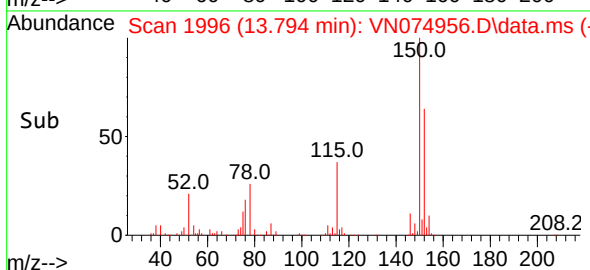
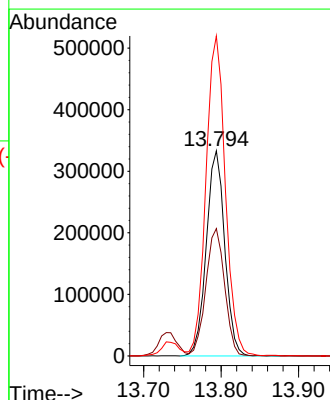
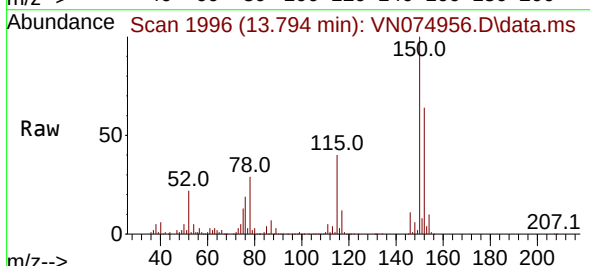
Tgt Ion:152 Resp: 551593

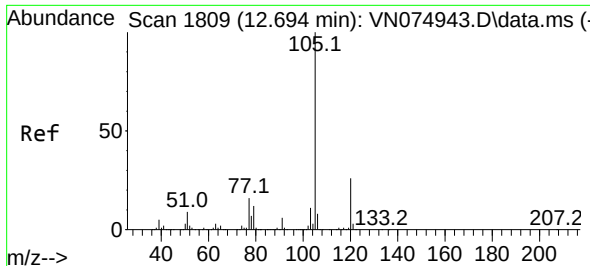
Ion Ratio Lower Upper

152 100

115 63.2 31.3 93.8

150 163.3 0.0 349.6





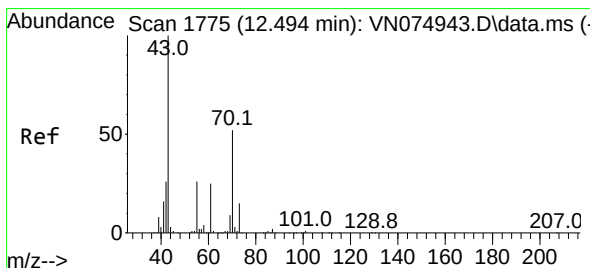
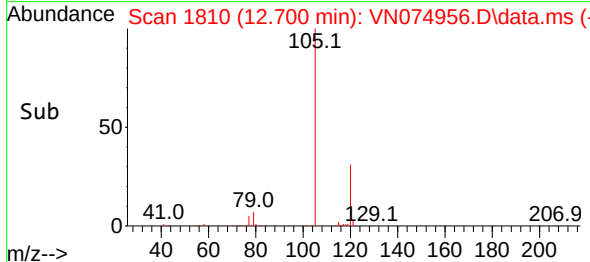
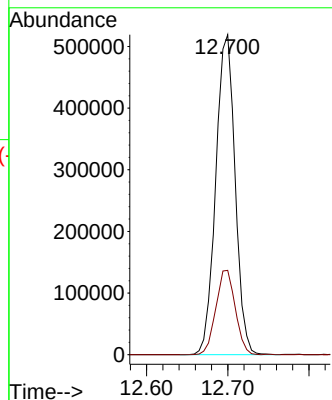
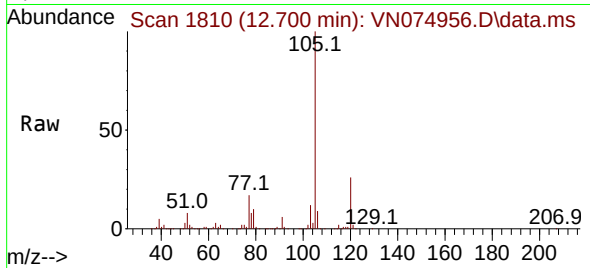
#73
Isopropylbenzene
Concen: 19.100 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tgt Ion:105 Resp: 86052
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.4

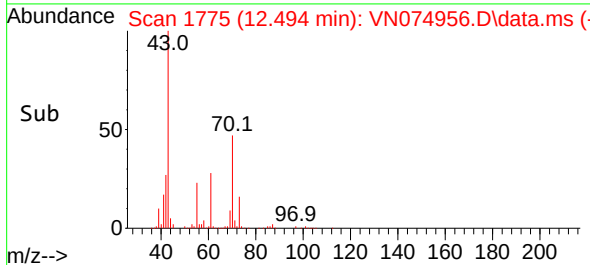
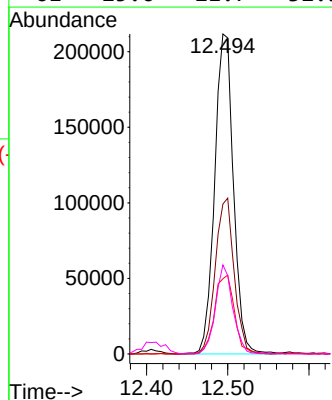
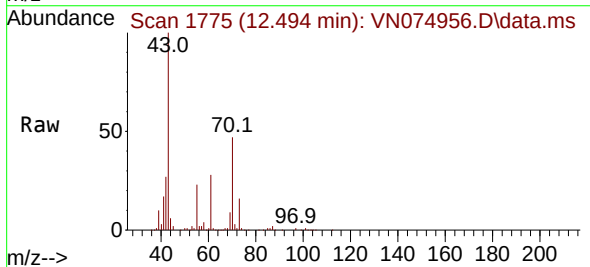
Manual Integrations
APPROVED

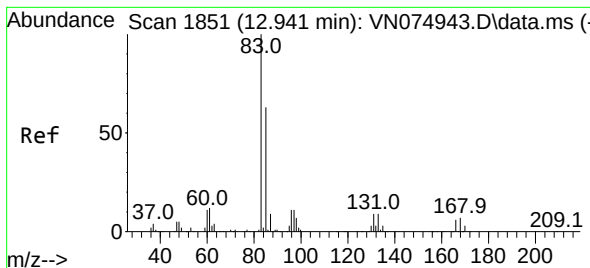
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#74
N-ethyl acetate
Concen: 18.879 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

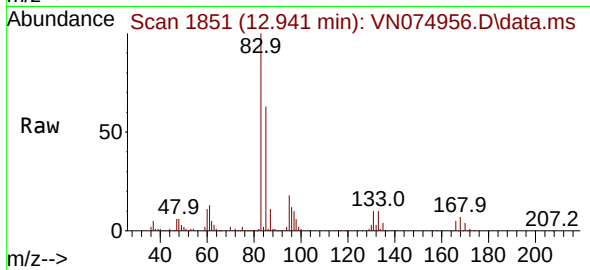
Tgt Ion: 43 Resp: 341771
Ion Ratio Lower Upper
43 100
70 48.7 40.2 60.2
55 26.0 20.6 31.0
61 25.6 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 19.010 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

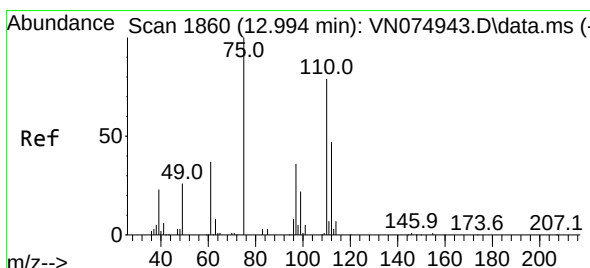
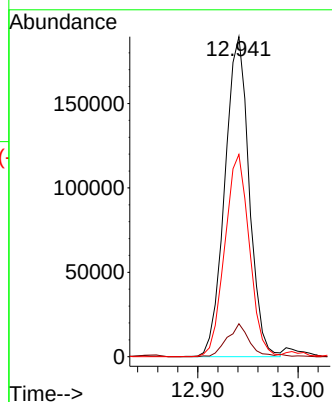
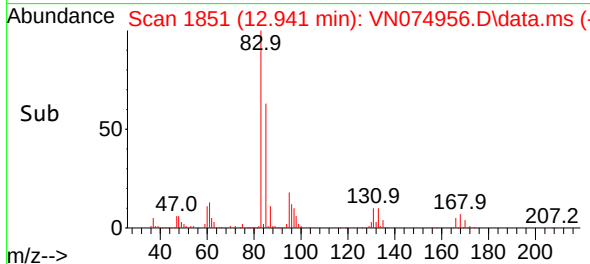
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01



Tgt Ion: 83 Resp: 31985
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.3
85 63.7 32.6 97.7

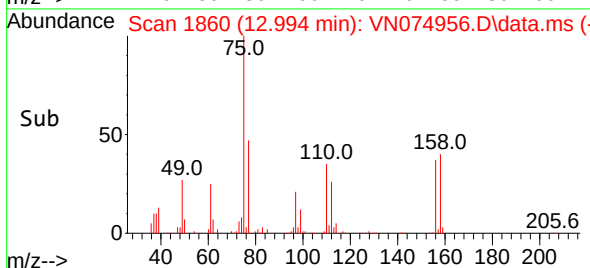
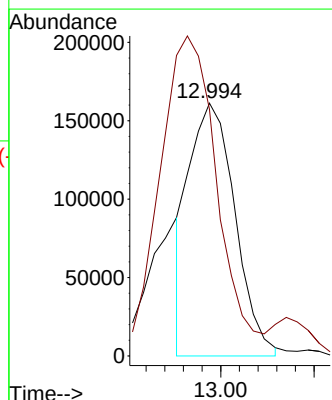
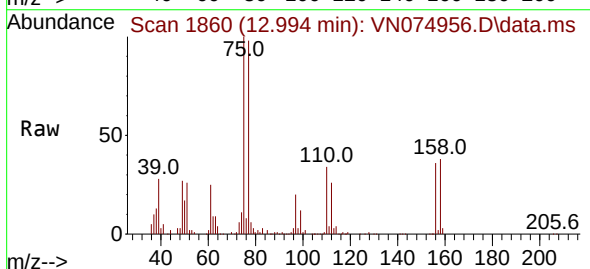
Manual Integrations
APPROVED

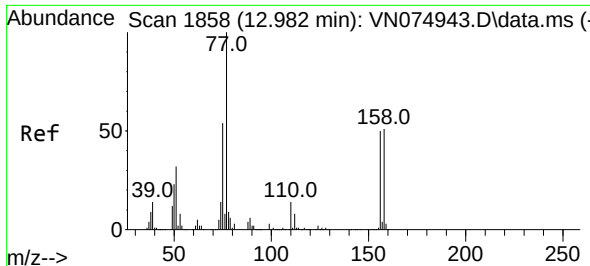
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#76
1,2,3-Trichloropropane
Concen: 18.399 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

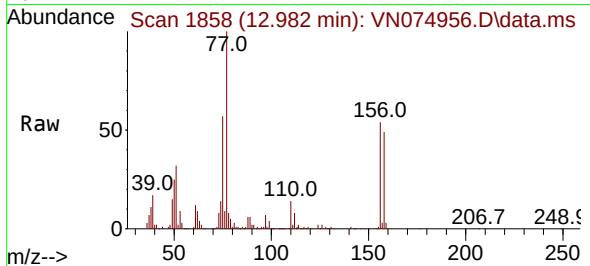
Tgt Ion: 75 Resp: 275217
Ion Ratio Lower Upper
75 100
77 158.9 81.0 243.0





#77
Bromobenzene
Concen: 18.129 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

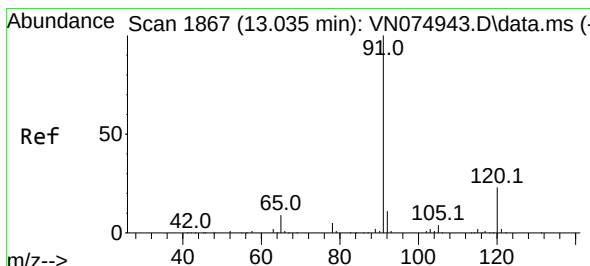
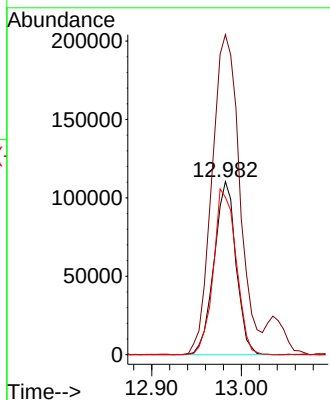
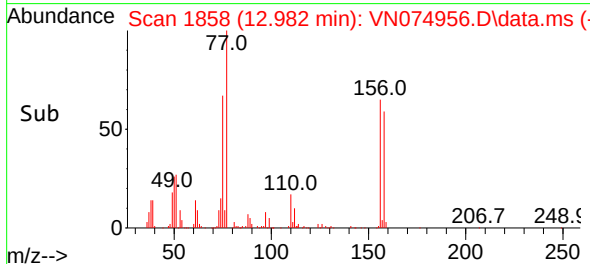
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01



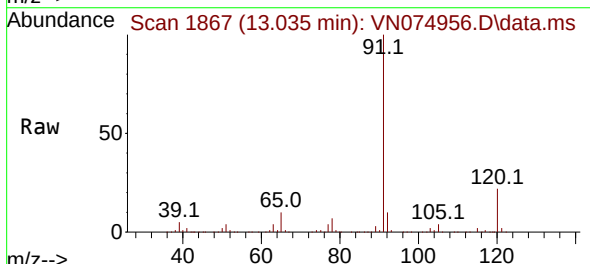
Tgt Ion:156 Resp: 18731
Ion Ratio Lower Upper
156 100
77 233.4 117.1 351.3
158 99.2 48.3 144.9

Manual Integrations
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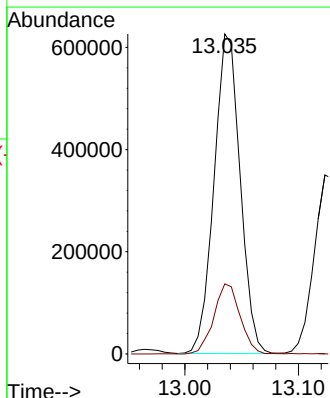
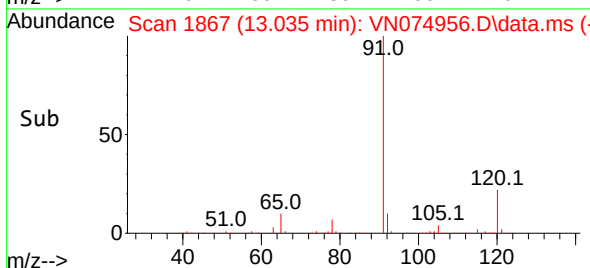
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

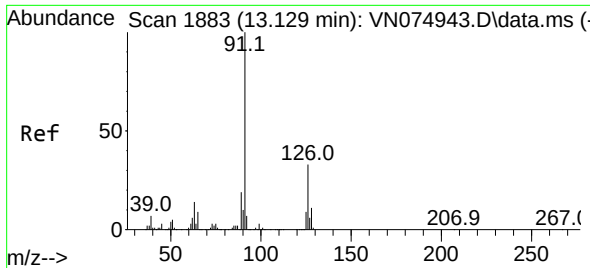


#78
n-propylbenzene
Concen: 18.946 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49



Tgt Ion: 91 Resp: 999033
Ion Ratio Lower Upper
91 100
120 22.1 11.5 34.4





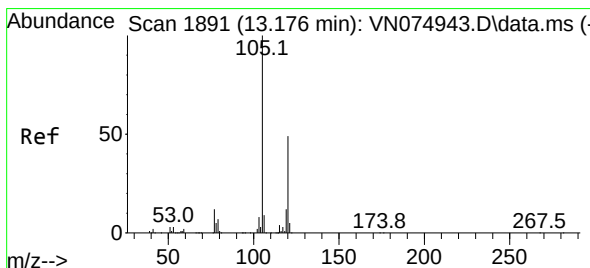
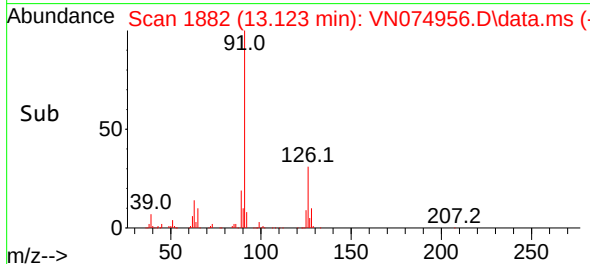
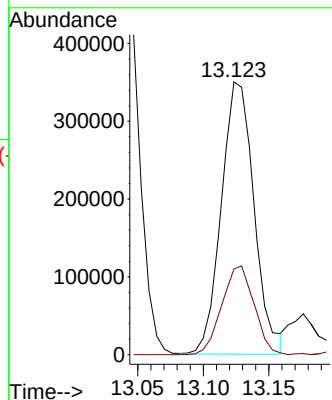
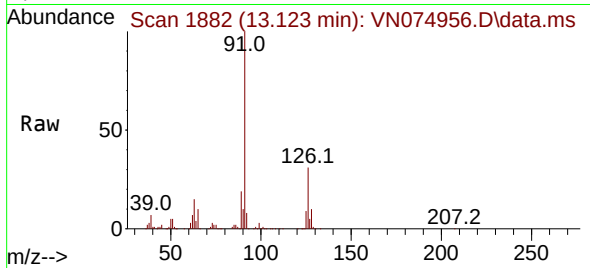
#79
2-Chlorotoluene
Concen: 18.619 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tgt Ion: 91 Resp: 608150
Ion Ratio Lower Upper
91 100
126 32.1 17.0 51.0

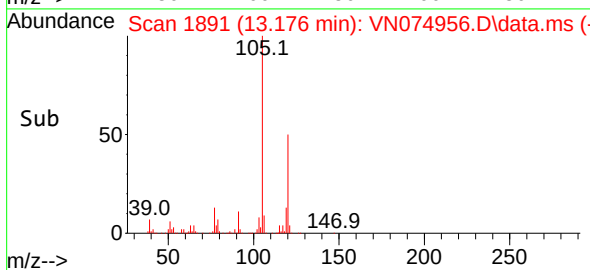
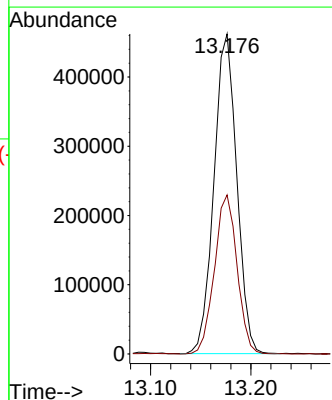
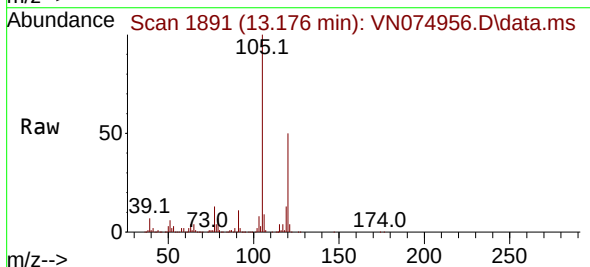
Manual Integrations
APPROVED

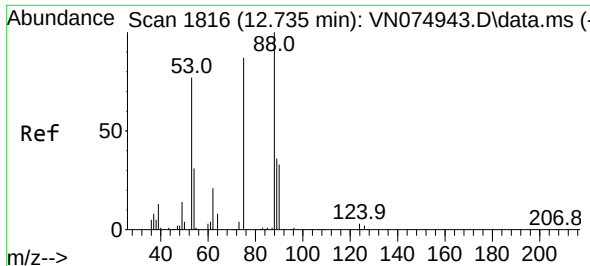
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#80
1,3,5-Trimethylbenzene
Concen: 18.762 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

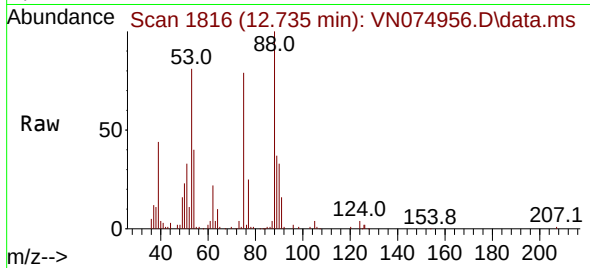
Tgt Ion:105 Resp: 730179
Ion Ratio Lower Upper
105 100
120 49.3 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 18.474 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

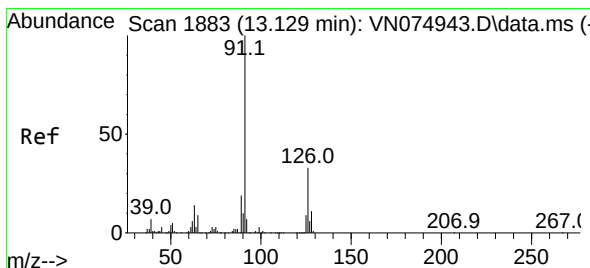
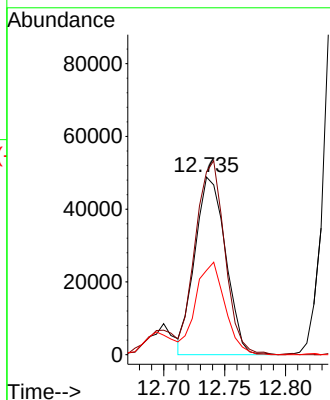
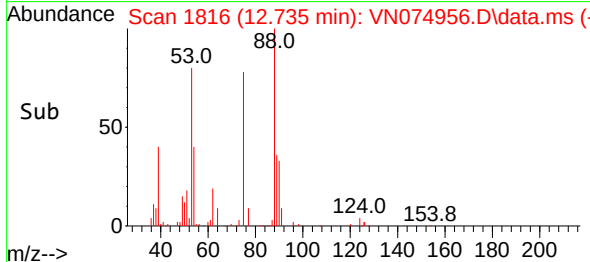
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01



Tgt Ion: 75 Resp: 86189
Ion Ratio Lower Upper
75 100
53 104.2 79.2 118.8
89 49.6 37.9 56.9

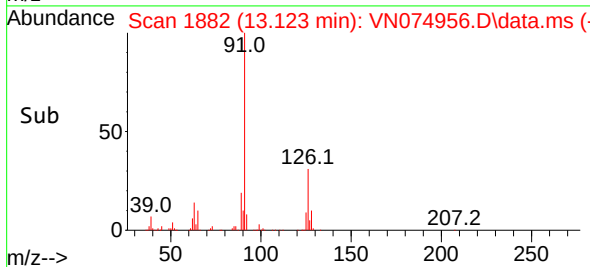
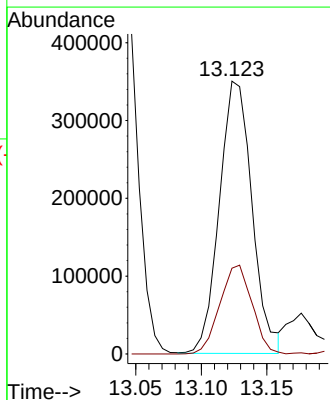
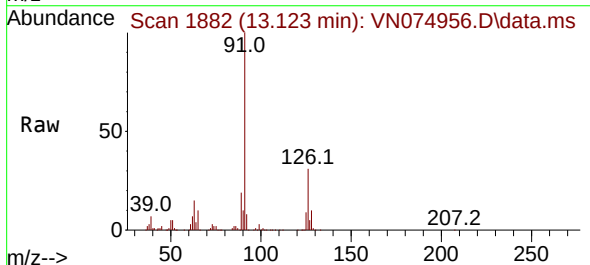
Manual Integrations
APPROVED

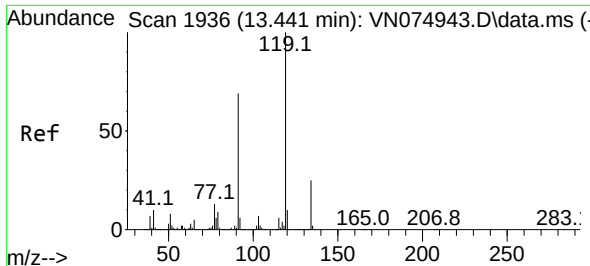
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#82
4-Chlorotoluene
Concen: 18.619 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

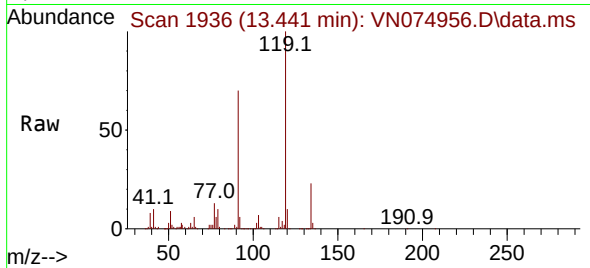
Tgt Ion: 91 Resp: 608156
Ion Ratio Lower Upper
91 100
126 32.1 17.0 51.0





#83
tert-Butylbenzene
Concen: 19.144 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

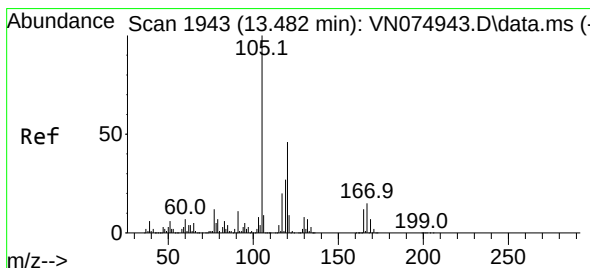
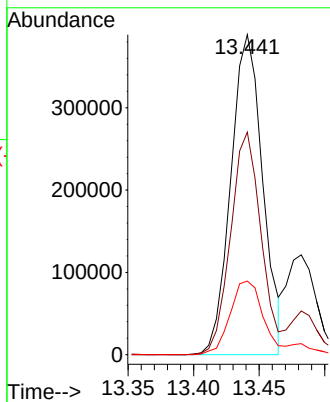
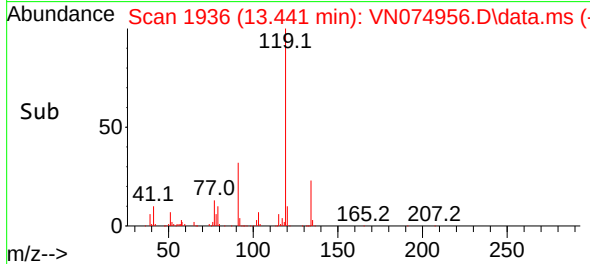
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01



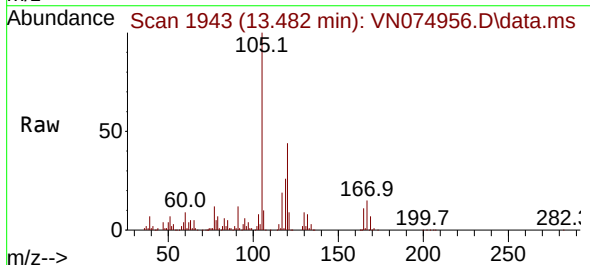
Tgt Ion:119 Resp: 659310
Ion Ratio Lower Upper
119 100
91 67.6 33.1 99.3
134 23.9 12.4 37.0

Manual Integrations
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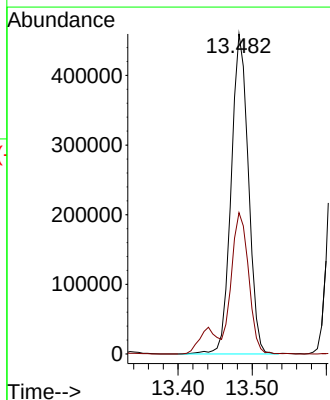
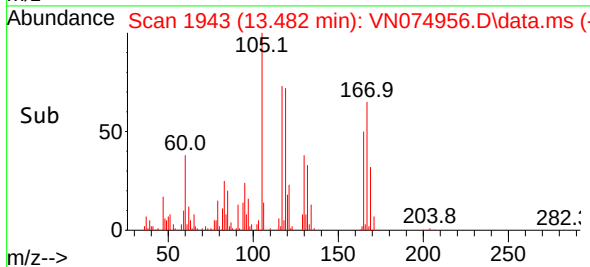
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

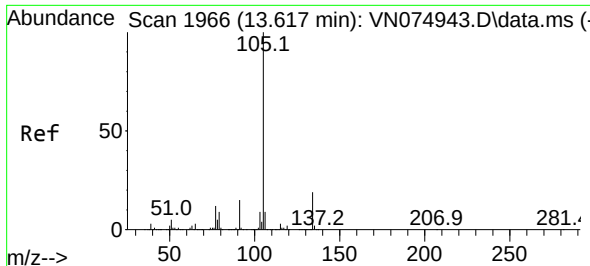


#84
1,2,4-Trimethylbenzene
Concen: 18.834 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49



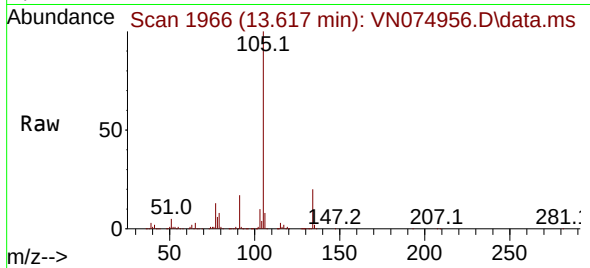
Tgt Ion:105 Resp: 740298
Ion Ratio Lower Upper
105 100
120 44.0 22.9 68.5





#85
 sec-Butylbenzene
 Concen: 19.183 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN074956.D
 Acq: 21 Oct 2022 12:49

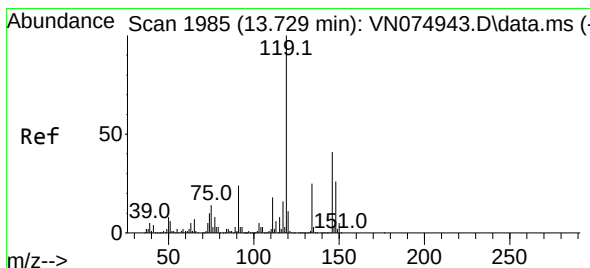
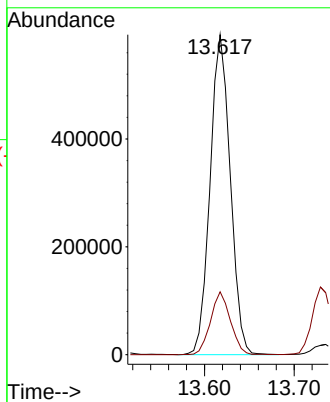
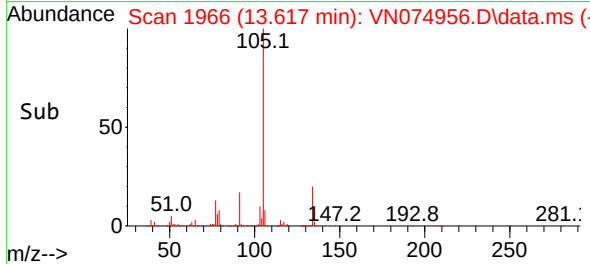
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS01



Tgt Ion:105 Resp: 92758
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 29.1

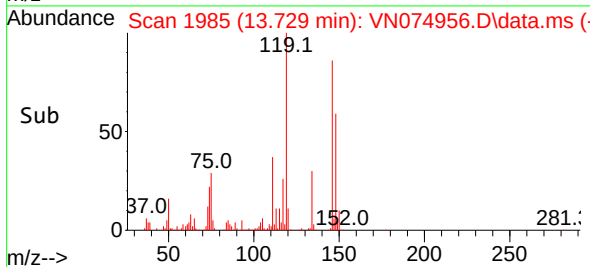
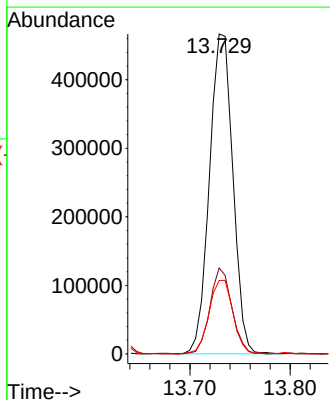
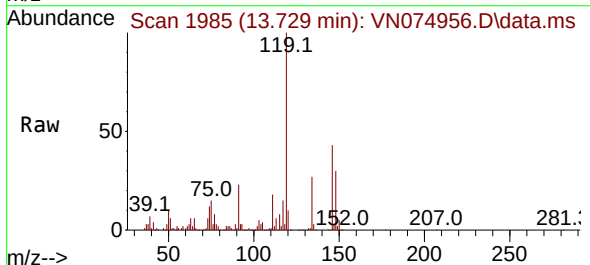
Manual Integrations
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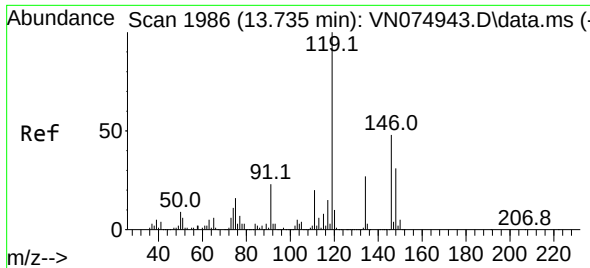
Reviewed By :John Carlone 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022



#86
 p-Isopropyltoluene
 Concen: 19.030 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN074956.D
 Acq: 21 Oct 2022 12:49

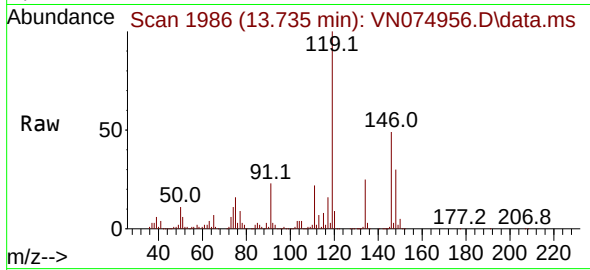
Tgt Ion:119 Resp: 757846
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.9 38.7
 91 23.6 11.9 35.5





#87
 1,3-Dichlorobenzene
 Concen: 18.882 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN074956.D
 Acq: 21 Oct 2022 12:49

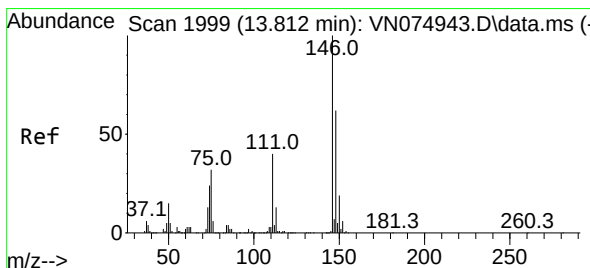
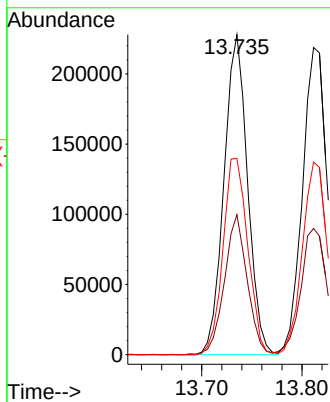
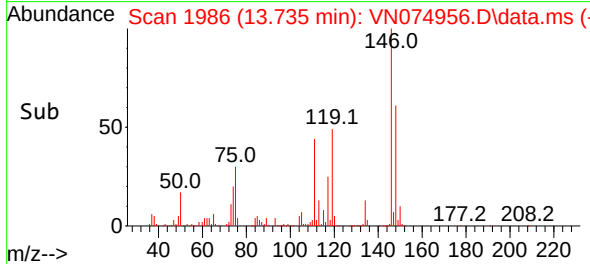
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS01



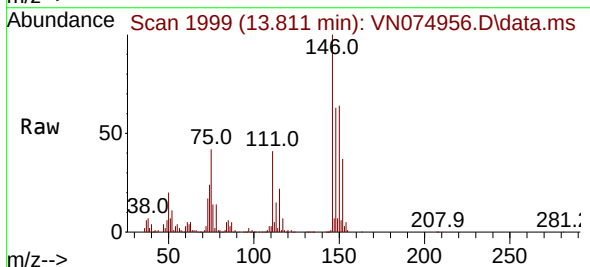
Tgt Ion:146 Resp: 373244
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.5 64.5
 148 64.5 31.7 95.1

Manual Integrations
 APPROVED

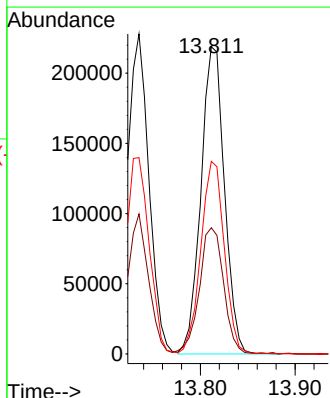
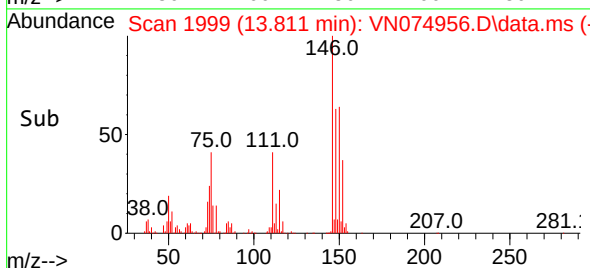
Reviewed By :John Carlone 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

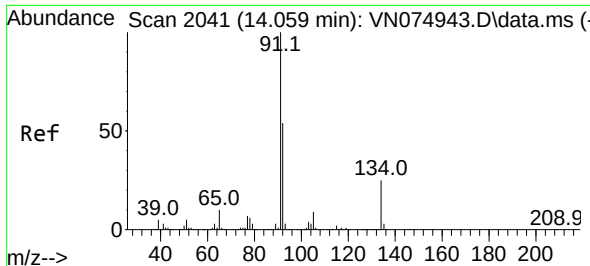


#88
 1,4-Dichlorobenzene
 Concen: 18.912 ug/l
 RT: 13.811 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN074956.D
 Acq: 21 Oct 2022 12:49



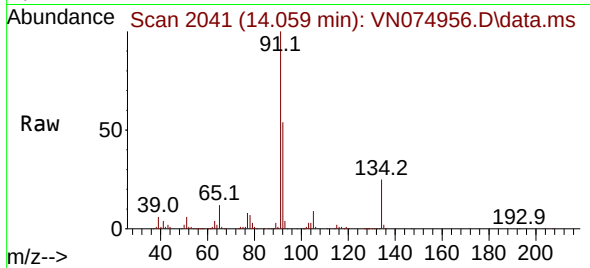
Tgt Ion:146 Resp: 379014
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.3 61.0
 148 62.3 32.3 96.9





#89
n-Butylbenzene
Concen: 18.897 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

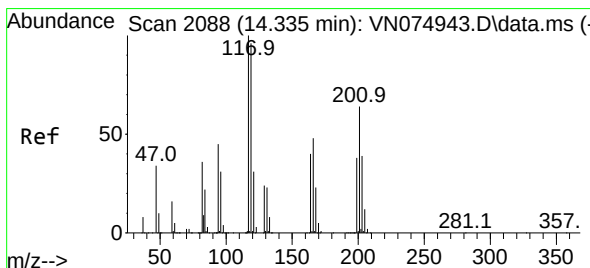
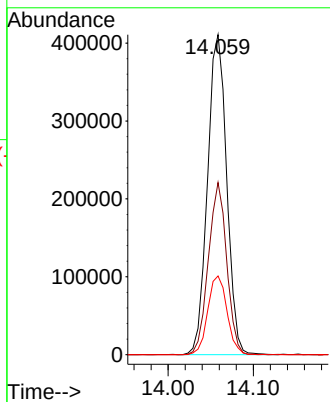
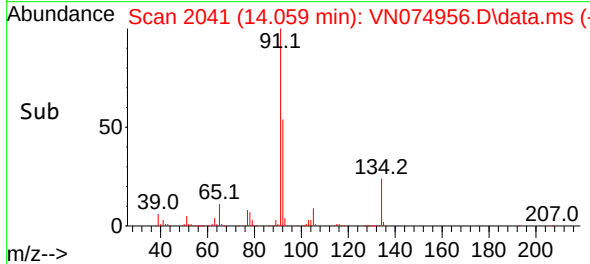
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01



Tgt Ion: 91 Resp: 642629
Ion Ratio Lower Upper
91 100
92 51.4 26.3 78.9
134 24.7 12.6 37.6

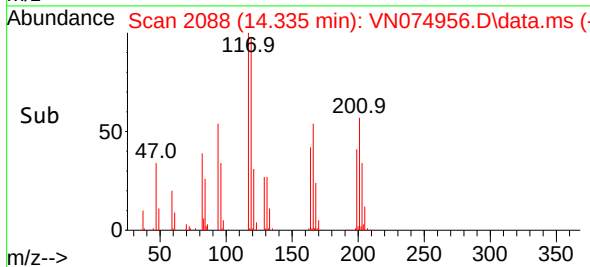
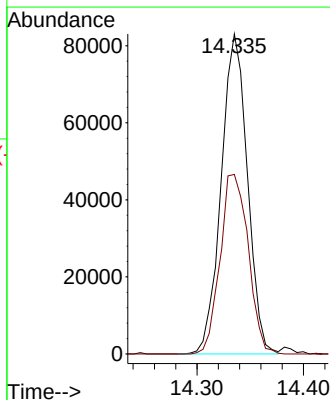
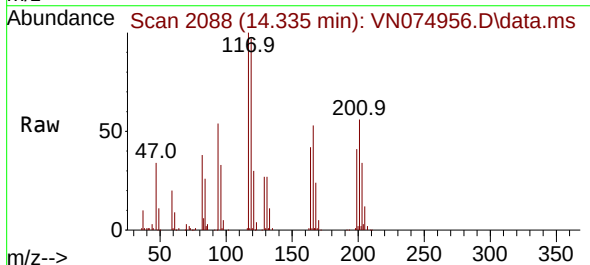
Manual Integrations
APPROVED

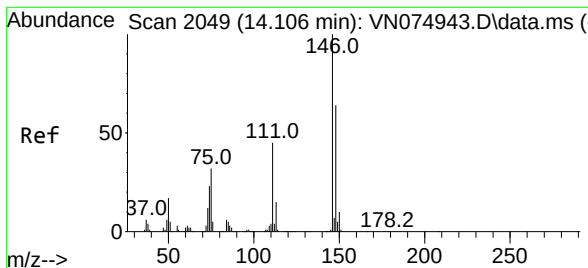
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#90
Hexachloroethane
Concen: 18.394 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

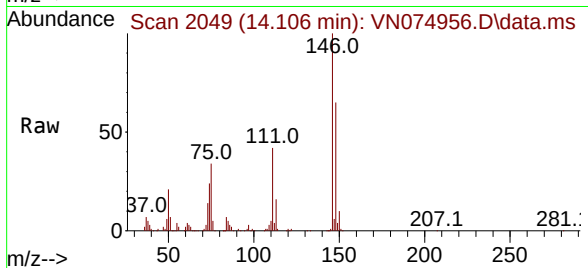
Tgt Ion:117 Resp: 141926
Ion Ratio Lower Upper
117 100
201 60.1 30.6 91.6





#91
 1,2-Dichlorobenzene
 Concen: 18.517 ug/l
 RT: 14.106 min Scan# 2049
 Delta R.T. -0.000 min
 Lab File: VN074956.D
 Acq: 21 Oct 2022 12:49

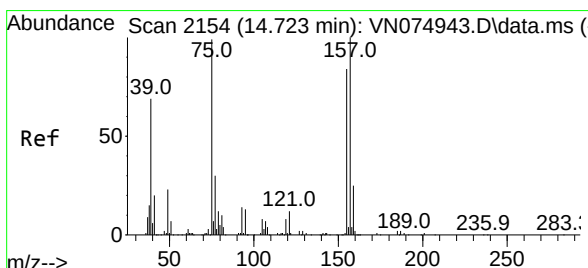
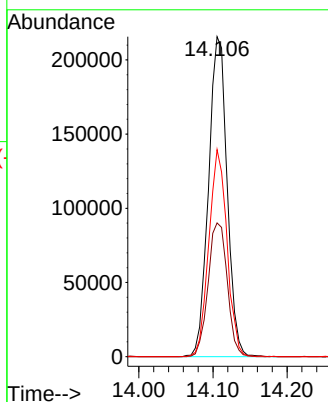
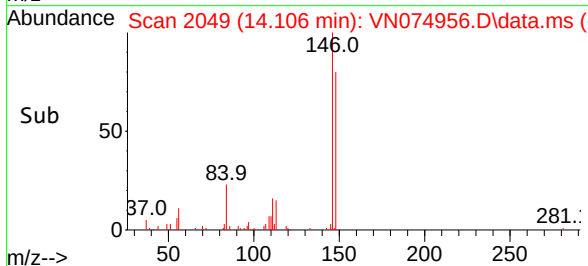
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS01



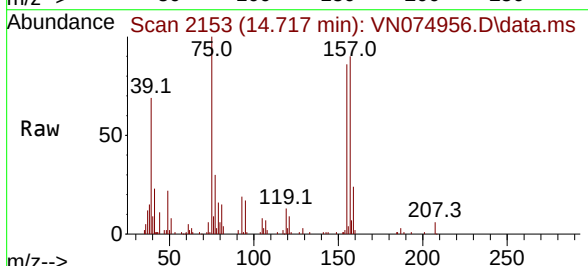
Tgt Ion:146 Resp: 37518
 Ion Ratio Lower Upper
 146 100
 111 43.2 22.2 66.6
 148 63.2 31.9 95.5

Manual Integrations
 APPROVED

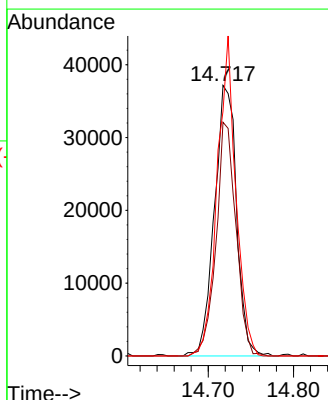
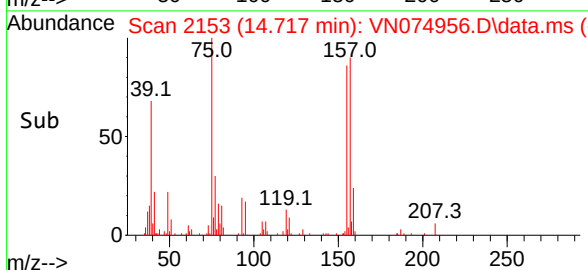
Reviewed By :John Carlone 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

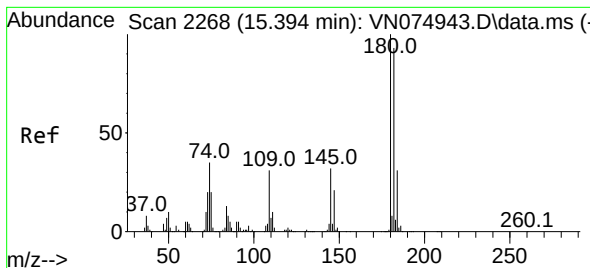


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.153 ug/l
 RT: 14.717 min Scan# 2153
 Delta R.T. -0.006 min
 Lab File: VN074956.D
 Acq: 21 Oct 2022 12:49



Tgt Ion: 75 Resp: 66962
 Ion Ratio Lower Upper
 75 100
 155 77.8 39.6 118.8
 157 99.4 47.8 143.4





#93

1,2,4-Trichlorobenzene

Concen: 19.011 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN074956.D

Acq: 21 Oct 2022 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS01

Tgt Ion:180 Resp: 16762

Ion Ratio Lower Upper

180 100

182 92.5 46.6 139.7

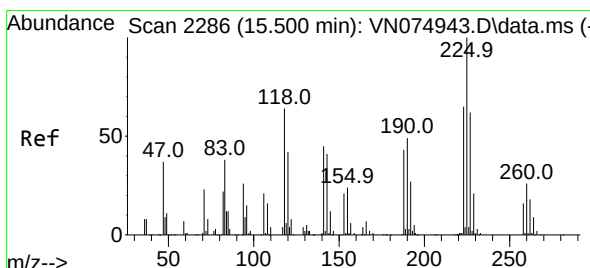
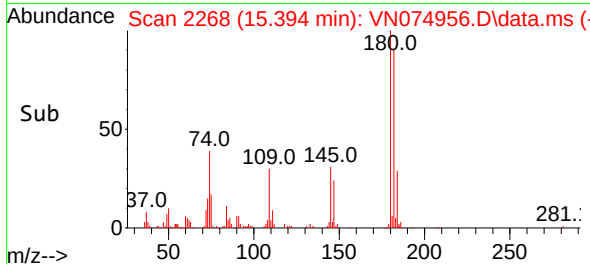
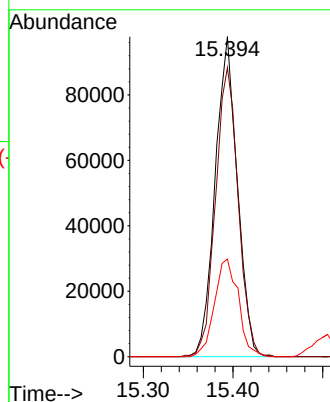
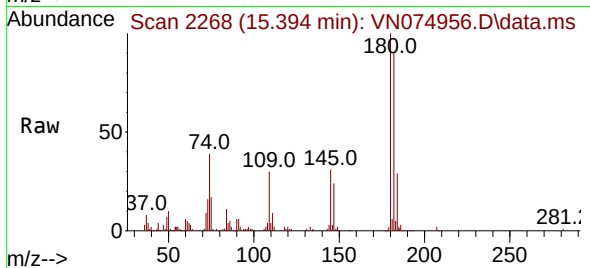
145 32.9 16.7 50.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#94

Hexachlorobutadiene

Concen: 17.628 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. 0.006 min

Lab File: VN074956.D

Acq: 21 Oct 2022 12:49

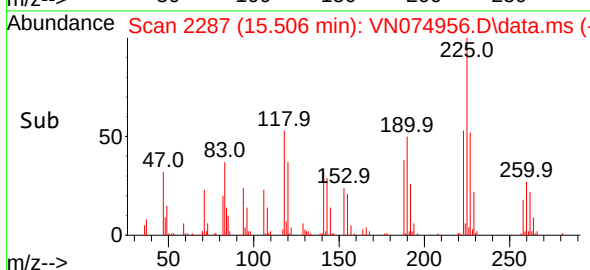
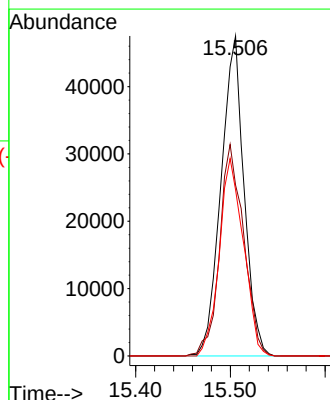
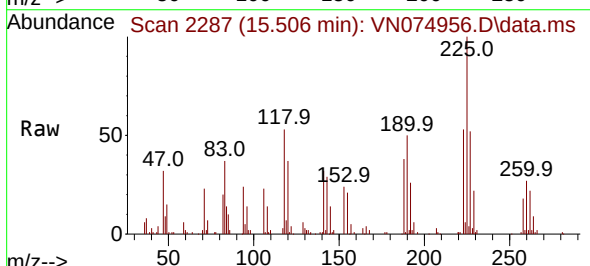
Tgt Ion:225 Resp: 80248

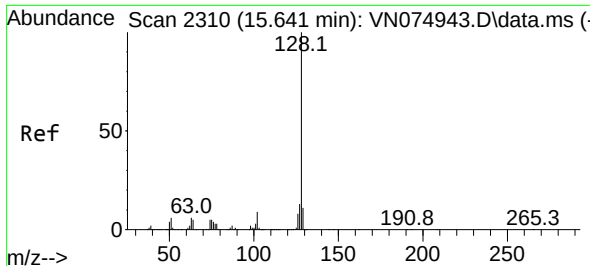
Ion Ratio Lower Upper

225 100

223 69.1 31.9 95.5

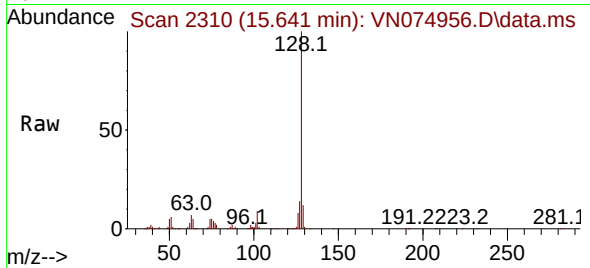
227 64.6 31.4 94.0





#95
Naphthalene
Concen: 18.820 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

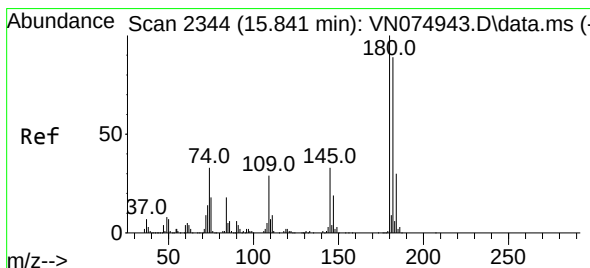
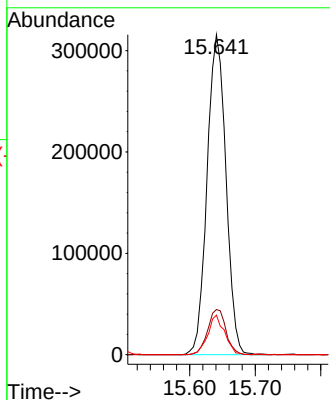
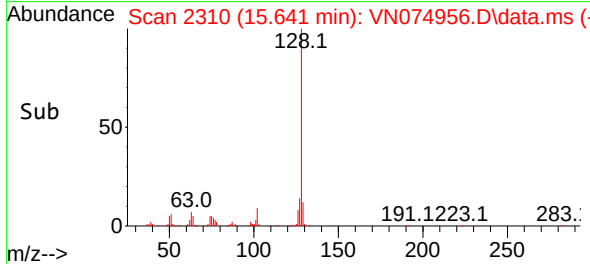
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01



Tgt Ion:128 Resp: 63067
Ion Ratio Lower Upper
128 100
127 13.7 10.4 15.6
129 11.1 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.242 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN074956.D
Acq: 21 Oct 2022 12:49

Tgt Ion:180 Resp: 161879
Ion Ratio Lower Upper
180 100
182 95.7 46.7 140.1
145 36.3 17.2 51.5

