

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101222\
 Data File : VN074881.D
 Acq On : 12 Oct 2022 17:33
 Operator : JC\MD
 Sample : VN1012WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/13/2022
 Supervised By : Mahesh Dadoda 10/14/2022

Quant Time: Oct 13 07:58:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 13 07:52:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	69804	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	411437	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	374188	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	204783	31.336	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.467%			
60) 4-Bromofluorobenzene	12.847	95	178699	26.930	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 89.767%			
63) Toluene-d8	10.571	98	666891	30.880	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.933%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.148	85	85280	22.000	ug/l	90
3) Chloromethane	2.383	50	137997	22.013	ug/l	97
4) Vinyl Chloride	2.530	62	205948	22.309	ug/l	100
5) Bromomethane	2.953	94	158276	21.624	ug/l	98
6) Chloroethane	3.124	64	165108m	23.848	ug/l	
7) Trichlorofluoromethane	3.512	101	159274	23.144	ug/l	84
8) Diethyl Ether	3.989	74	73004	22.749	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.389	101	93492	21.588	ug/l	77
10) 1,1-Dichloroethene	4.365	96	88786m	20.842	ug/l	
11) Methyl Iodide	4.606	142	115561	21.731	ug/l	99
12) Methyl Acetate	5.059	43	208162	20.273	ug/l	97
13) Acrolein	4.200	56	155933	107.482	ug/l	97
14) Acrylonitrile	5.742	53	418492	109.279	ug/l	97
15) Acetone	4.459	58	111417	106.154	ug/l	98
16) Carbon Disulfide	4.736	76	234384	21.416	ug/l #	91
17) Allyl chloride	5.042	41	163830	19.316	ug/l	87
18) Methylene Chloride	5.300	84	122892	22.247	ug/l	96
19) trans-1,2-Dichloroethene	5.800	96	97557	20.862	ug/l	92
20) Diisopropyl ether	6.688	45	415512	20.986	ug/l	98
21) 1,1-Dichloroethane	6.588	63	222126	22.051	ug/l	99
22) cis-1,2-Dichloroethene	7.506	96	130260	22.244	ug/l	97
23) tert-Butyl Alcohol	5.542	59	171786m	106.459	ug/l	
24) Methyl tert-Butyl Ether	5.818	73	390326	21.939	ug/l	97
25) Chloroform	7.983	83	215453	21.539	ug/l	97
26) Cyclohexane	8.271	56	187317	21.170	ug/l #	99
29) 1,1-Dichloropropene	8.383	75	144990	19.531	ug/l	99
30) 2-Butanone	7.500	43	600869	101.443	ug/l	100
31) 2,2-Dichloropropane	7.506	77	170450	18.757	ug/l	97
32) 1,1,1-Trichloroethane	8.183	97	172149	19.337	ug/l	92
33) Carbon Tetrachloride	8.377	117	144617	19.780	ug/l	92
34) Benzene	8.612	78	503855	20.533	ug/l #	91
35) Methacrylonitrile	7.794	41	115692	19.005	ug/l	89
36) 1,2-Dichloroethane	8.682	62	174306	21.330	ug/l	95
37) Trichloroethene	9.353	130	103668	20.314	ug/l	96
38) Methylcyclohexane	9.606	83	178511	19.794	ug/l	97
39) 1,2-Dichloropropane	9.629	63	129510	20.359	ug/l	89
40) Dibromomethane	9.712	93	87541	20.767	ug/l	97
41) Bromodichloromethane	9.894	83	169759	20.678	ug/l #	95
42) Vinyl Acetate	6.624	43	1880603m	106.585	ug/l	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101222\
 Data File : VN074881.D
 Acq On : 12 Oct 2022 17:33
 Operator : JC\MD
 Sample : VN1012WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBSD01

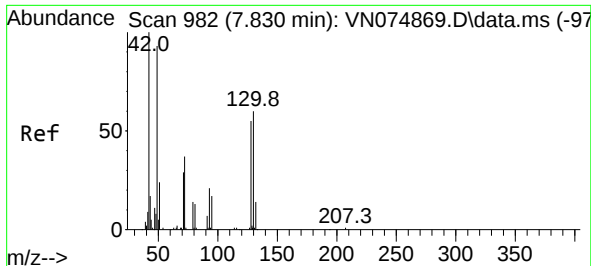
Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/13/2022
 Supervised By : Mahesh Dadoda 10/14/2022

Quant Time: Oct 13 07:58:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 13 07:52:24 2022
 Response via : Initial Calibration

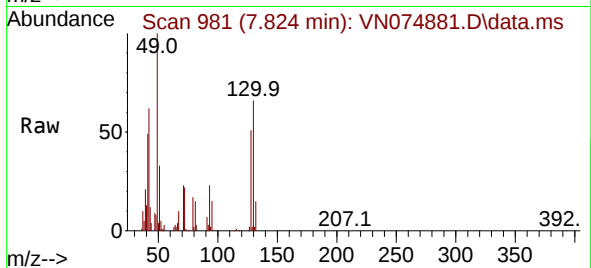
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.577	43	244920m	21.267	ug/l	
44) Isopropyl Acetate	8.694	43	365710	20.536	ug/l	97
45) 1,4-Dioxane	9.700	88	67277	411.982	ug/l #	88
46) Methyl methacrylate	9.688	41	162196	21.029	ug/l	90
47) n-amyl Acetate	12.494	43	308821	19.819	ug/l	97
48) t-1,3-Dichloropropene	10.841	75	190556	20.231	ug/l	95
49) cis-1,3-Dichloropropene	10.318	75	197828	19.807	ug/l	96
50) 1,1,2-Trichloroethane	11.018	97	121048	19.514	ug/l	97
51) Ethyl methacrylate	10.876	69	214216	20.308	ug/l	99
52) 1,3-Dichloropropane	11.171	76	225334	21.045	ug/l	98
53) Dibromochloromethane	11.359	129	120258	19.787	ug/l	94
54) 1,2-Dibromoethane	11.471	107	120125	20.155	ug/l	98
55) 2-Chloroethyl vinyl ether	10.165	63	382642	92.737	ug/l	99
56) Bromoform	12.582	173	81649	18.643	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	1241916	106.718	ug/l	98
59) 2-Hexanone	11.200	43	938608	104.801	ug/l	96
61) Tetrachloroethene	11.106	164	82074	20.574	ug/l	83
62) Toluene	10.635	91	520983	20.153	ug/l	99
64) Chlorobenzene	11.894	112	305179	20.769	ug/l	89
65) 1,1,1,2-Tetrachloroethane	11.959	131	111586	20.161	ug/l	96
66) Ethyl Benzene	11.965	91	573499	20.401	ug/l	95
67) m/p-Xylenes	12.076	106	435102	41.200	ug/l	96
68) o-Xylene	12.400	106	220653	20.555	ug/l	95
69) Styrene	12.418	104	354438	20.173	ug/l	98
70) Isopropylbenzene	12.700	105	552379	19.952	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	219288	21.174	ug/l	97
72) 1,2,3-Trichloropropane	13.000	75	186117m	21.391	ug/l	
73) Bromobenzene	12.982	156	117977	20.335	ug/l	94
74) n-propylbenzene	13.041	91	623329	19.310	ug/l	98
75) 2-Chlorotoluene	13.129	91	378414	20.039	ug/l	100
76) 1,3,5-Trimethylbenzene	13.176	105	451773	20.080	ug/l	98
77) t-1,4-Dichloro-2-butene	12.741	75	62392	17.260	ug/l	92
78) 4-Chlorotoluene	13.223	91	355504	19.728	ug/l	100
79) tert-butylbenzene	13.441	119	394923	19.733	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	446967	19.744	ug/l	97
81) sec-Butylbenzene	13.617	105	561687	19.528	ug/l	96
82) p-Isopropyltoluene	13.735	119	439490	19.230	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	222493	19.654	ug/l	96
84) 1,4-Dichlorobenzene	13.812	146	212601	19.552	ug/l	99
85) n-Butylbenzene	14.059	91	371094	18.396	ug/l	99
86) Hexachloroethane	14.335	117	84833	18.954	ug/l	96
87) 1,2-Dichlorobenzene	14.106	146	228827	20.358	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	42975	20.560	ug/l	97
89) 1,2,4-Trichlorobenzene	15.394	180	99389	19.361	ug/l	97
90) Hexachlorobutadiene	15.506	225	46756	18.680	ug/l	93
91) Naphthalene	15.641	128	409761	20.116	ug/l	98
92) 1,2,3-Trichlorobenzene	15.841	180	99009	18.437	ug/l	95

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

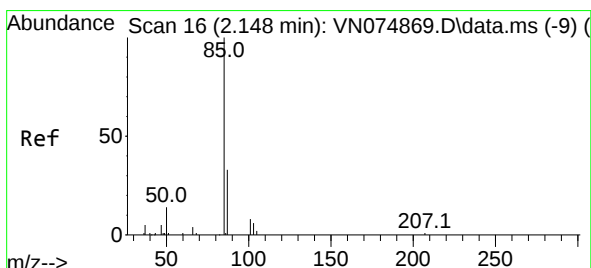
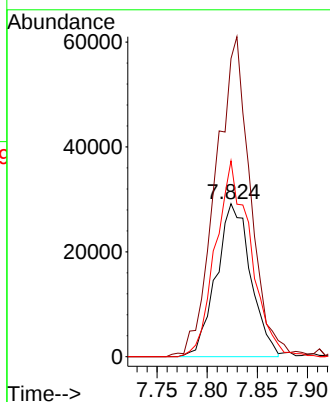
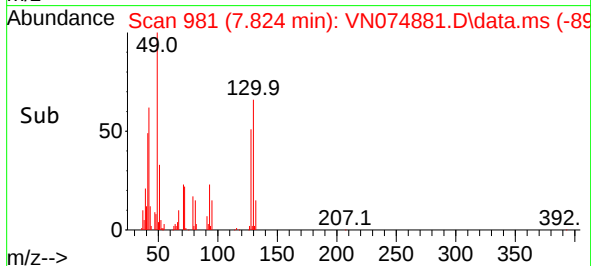
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01



Tgt Ion:128 Resp: 69804
Ion Ratio Lower Upper
128 100
49 207.6 0.0 492.0
130 130.2 0.0 313.3

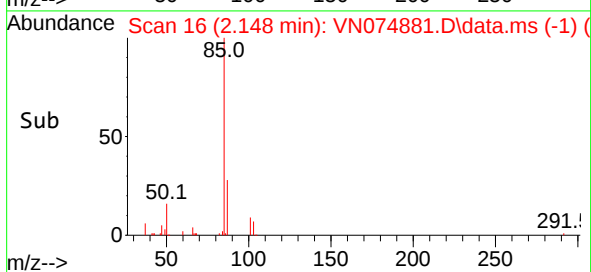
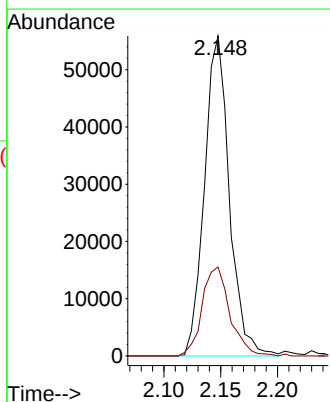
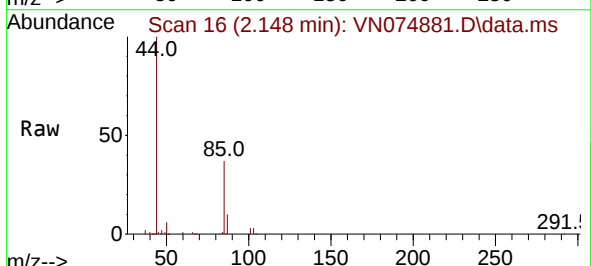
Manual Integrations
APPROVED

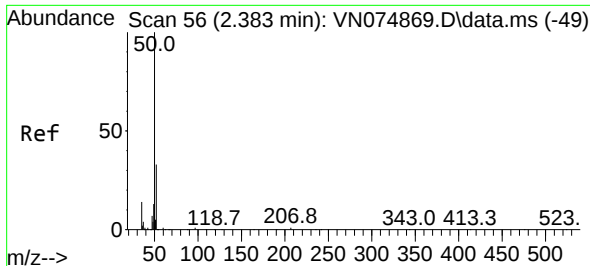
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#2
Dichlorodifluoromethane
Concen: 22.000 ug/l
RT: 2.148 min Scan# 16
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

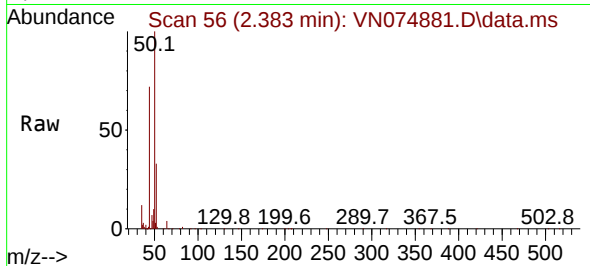
Tgt Ion: 85 Resp: 85280
Ion Ratio Lower Upper
85 100
87 27.8 16.7 50.1





#3
Chloromethane
Concen: 22.013 ug/l
RT: 2.383 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

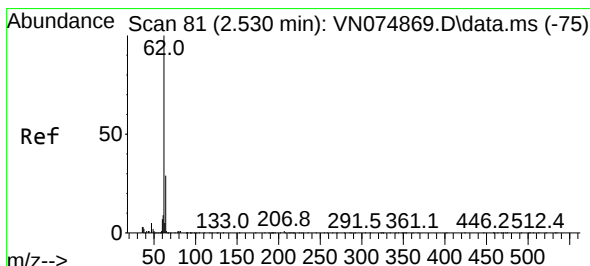
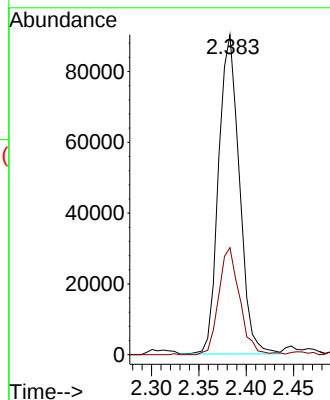
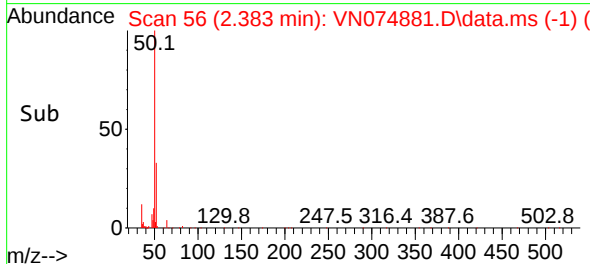
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01



Tgt Ion: 50 Resp: 137997
Ion Ratio Lower Upper
50 100
52 33.5 25.5 38.3

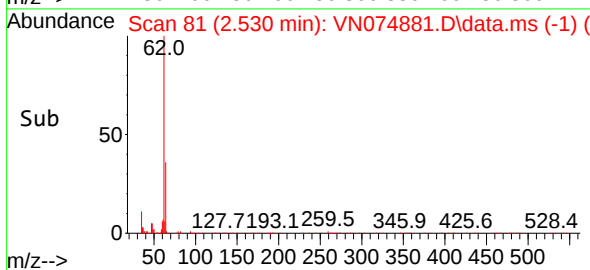
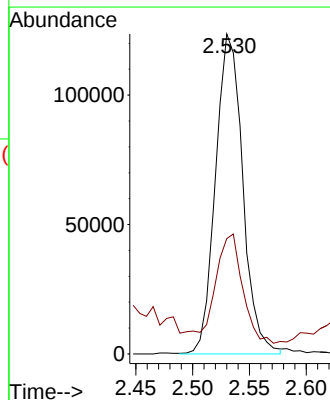
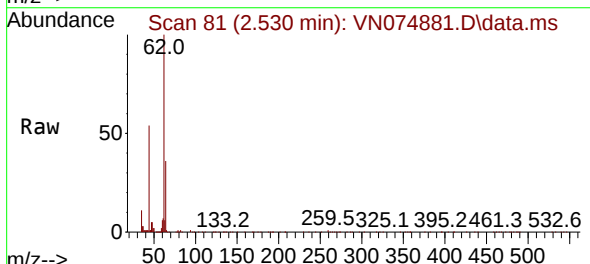
Manual Integrations
APPROVED

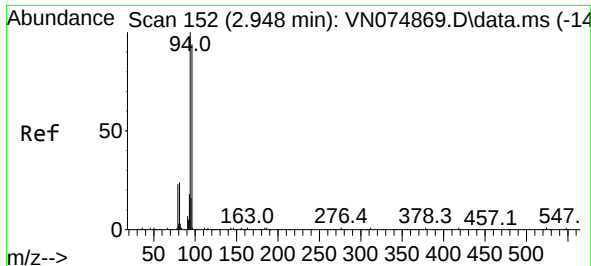
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#4
Vinyl Chloride
Concen: 22.309 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

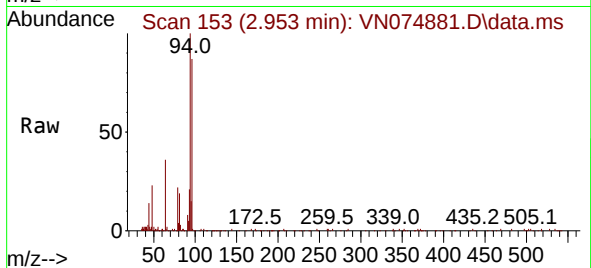
Tgt Ion: 62 Resp: 205948
Ion Ratio Lower Upper
62 100
64 32.2 25.6 38.4





#5
Bromomethane
Concen: 21.624 ug/l
RT: 2.953 min Scan# 153
Delta R.T. 0.006 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

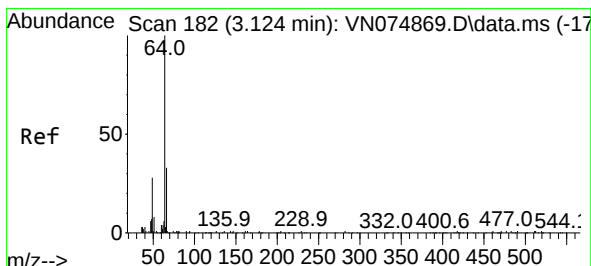
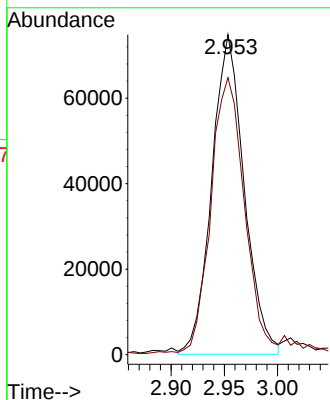
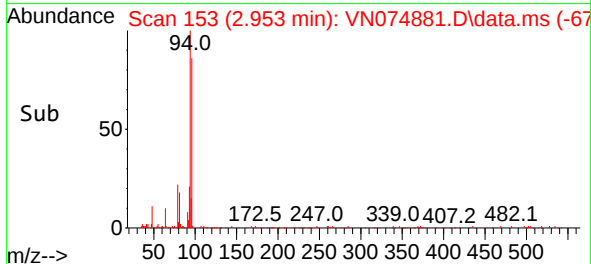
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01



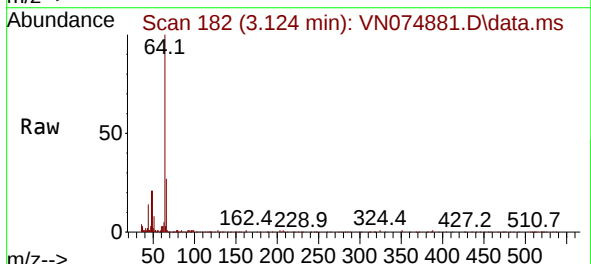
Tgt Ion: 94 Resp: 158270
Ion Ratio Lower Upper
94 100
96 86.8 68.3 102.5

Manual Integrations
APPROVED

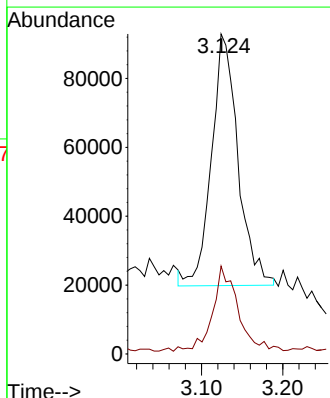
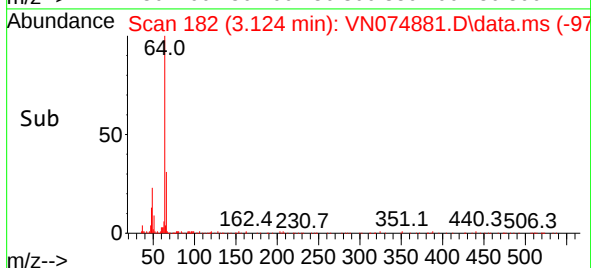
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

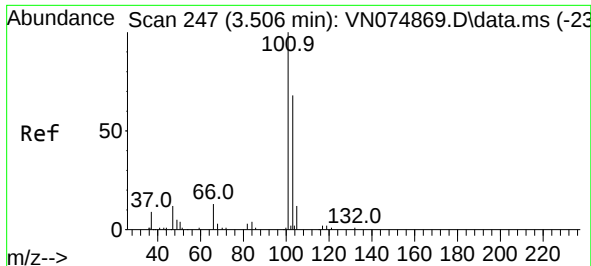


#6
Chloroethane
Concen: 23.848 ug/l m
RT: 3.124 min Scan# 182
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33



Tgt Ion: 64 Resp: 165108
Ion Ratio Lower Upper
64 100
66 27.5 21.8 32.8





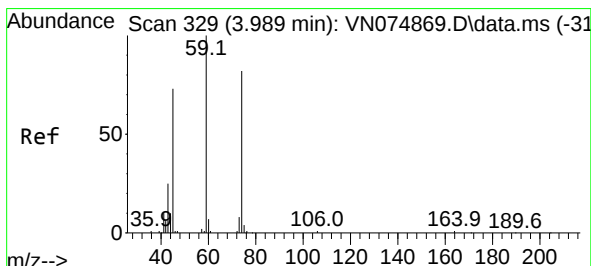
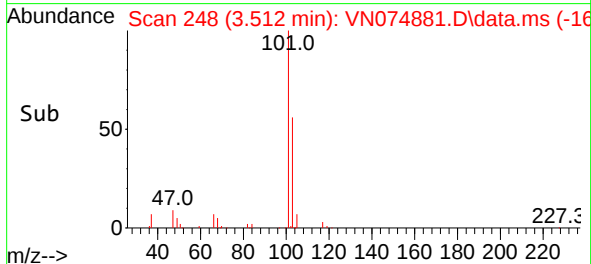
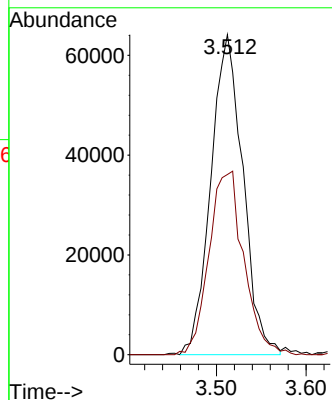
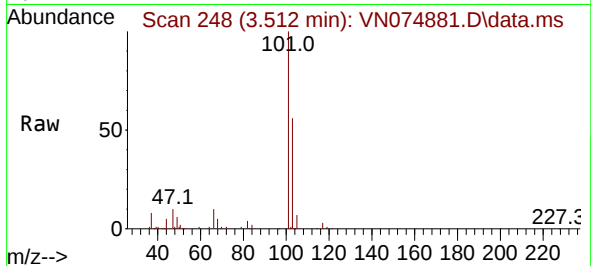
#7
 Trichlorofluoromethane
 Concen: 23.144 ug/l
 RT: 3.512 min Scan# 247
 Delta R.T. 0.006 min
 Lab File: VN074881.D
 Acq: 12 Oct 2022 17:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBSD01

Tgt Ion:101 Resp: 159274
 Ion Ratio Lower Upper
 101 100
 103 55.3 54.8 82.2

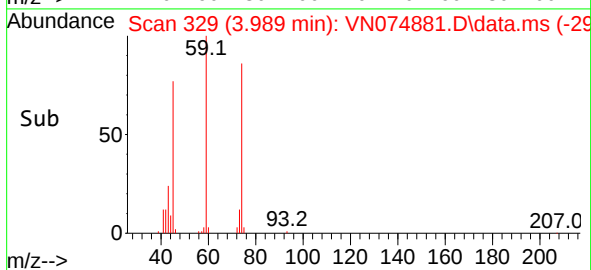
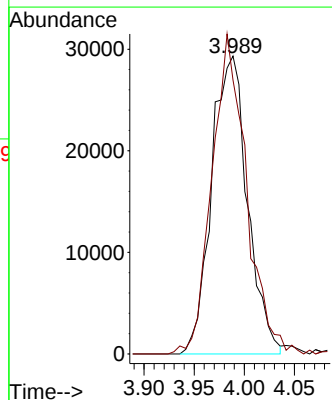
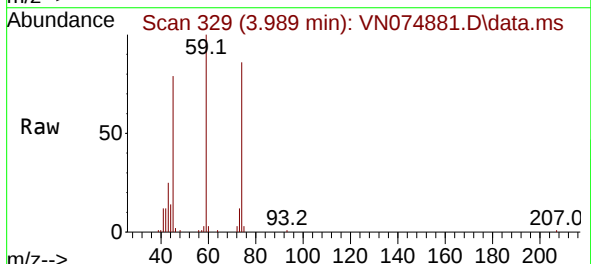
Manual Integrations
 APPROVED

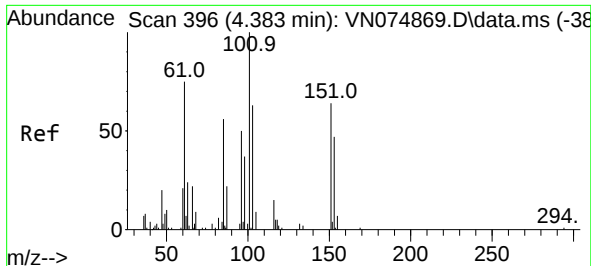
Reviewed By :John Carlone 10/13/2022
 Supervised By :Mahesh Dadoda 10/14/2022



#8
 Diethyl Ether
 Concen: 22.749 ug/l
 RT: 3.989 min Scan# 329
 Delta R.T. -0.000 min
 Lab File: VN074881.D
 Acq: 12 Oct 2022 17:33

Tgt Ion: 74 Resp: 73004
 Ion Ratio Lower Upper
 74 100
 45 102.4 19.0 171.0





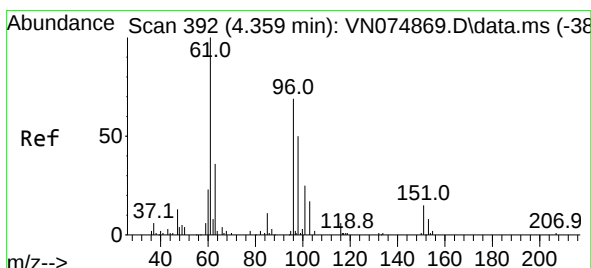
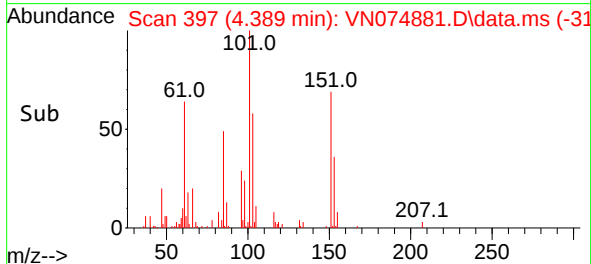
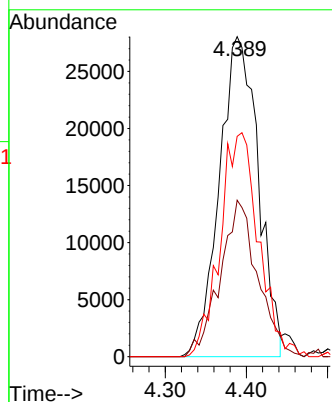
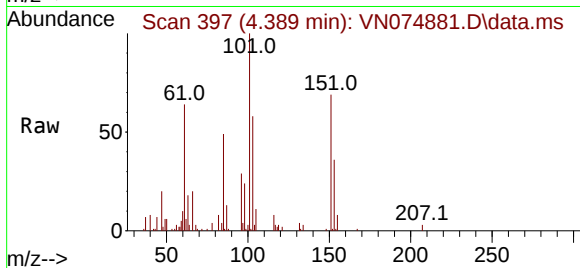
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.588 ug/l
 RT: 4.389 min Scan# 396
 Delta R.T. 0.006 min
 Lab File: VN074881.D
 Acq: 12 Oct 2022 17:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBSD01

Tgt Ion:101 Resp: 93492
 Ion Ratio Lower Upper
 101 100
 85 47.3 0.0 94.6
 151 41.2 0.0 144.8

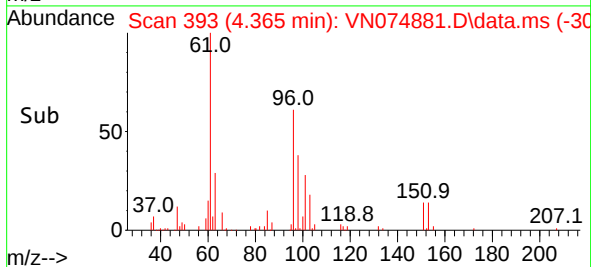
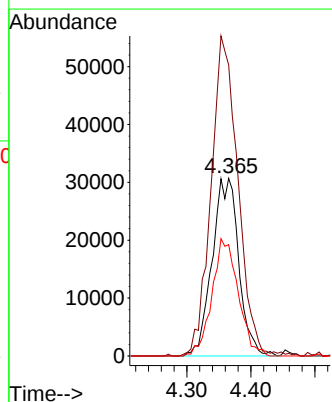
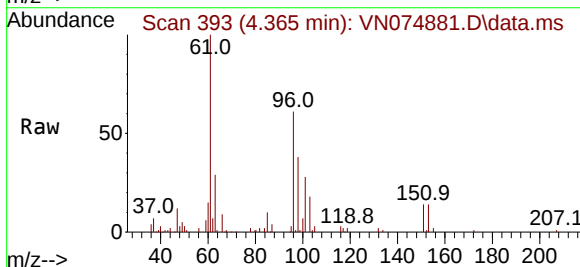
Manual Integrations
 APPROVED

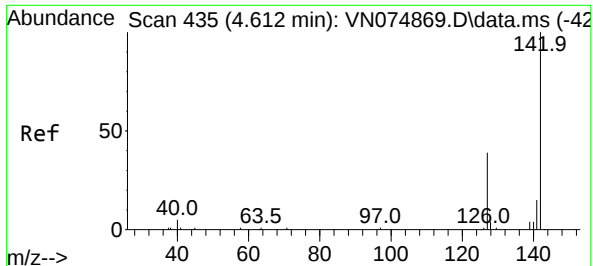
Reviewed By :John Carlone 10/13/2022
 Supervised By :Mahesh Dadoda 10/14/2022



#10
 1,1-Dichloroethene
 Concen: 20.842 ug/l m
 RT: 4.365 min Scan# 393
 Delta R.T. 0.006 min
 Lab File: VN074881.D
 Acq: 12 Oct 2022 17:33

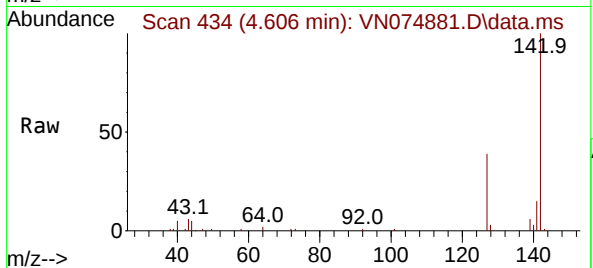
Tgt Ion: 96 Resp: 88786
 Ion Ratio Lower Upper
 96 100
 61 163.9 125.5 188.3
 98 62.7 45.0 67.4





#11
Methyl Iodide
Concen: 21.731 ug/l
RT: 4.606 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

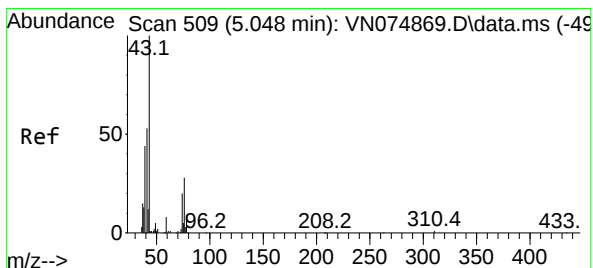
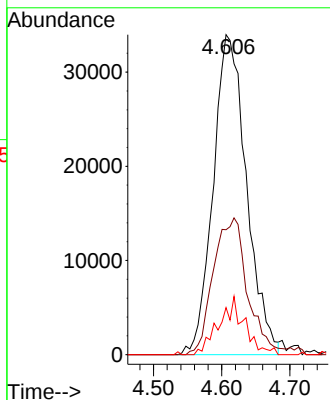
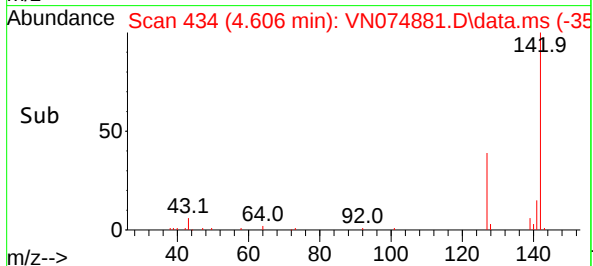
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01



Tgt Ion:142 Resp: 11556
Ion Ratio Lower Upper
142 100
127 38.8 19.3 57.8
141 14.6 7.7 23.1

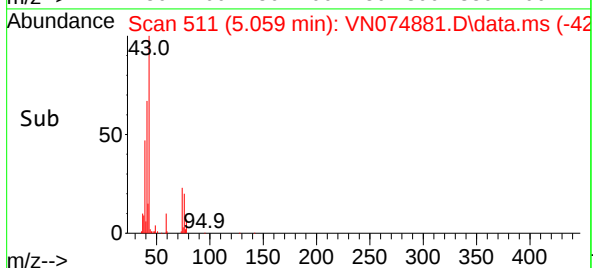
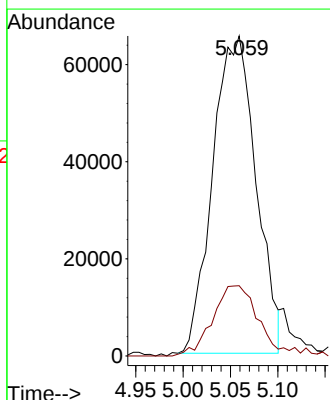
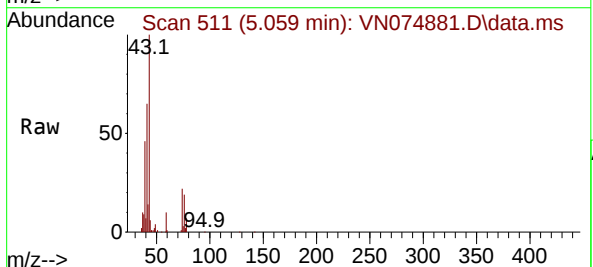
Manual Integrations
APPROVED

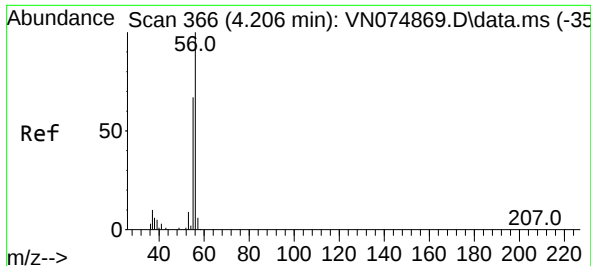
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#12
Methyl Acetate
Concen: 20.273 ug/l
RT: 5.059 min Scan# 511
Delta R.T. 0.012 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

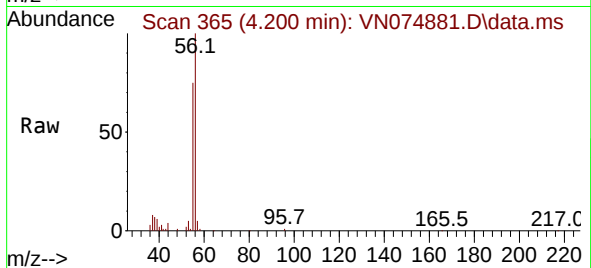
Tgt Ion: 43 Resp: 208162
Ion Ratio Lower Upper
43 100
74 22.3 19.0 28.6





#13
Acrolein
Concen: 107.482 ug/l
RT: 4.200 min Scan# 366
Delta R.T. -0.006 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

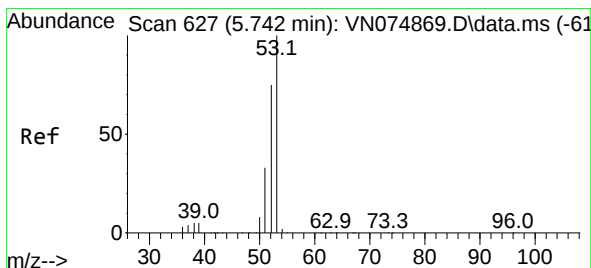
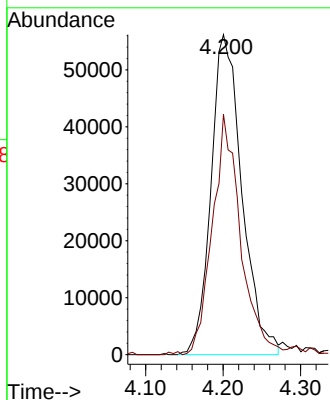
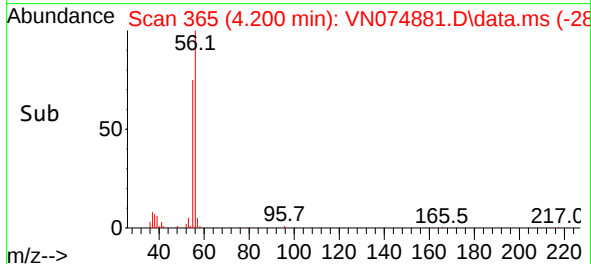
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01



Tgt Ion: 56 Resp: 15593
Ion Ratio Lower Upper
56 100
55 68.1 56.2 84.2

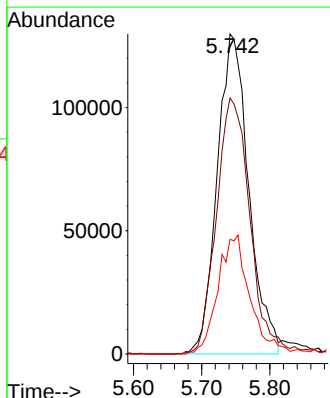
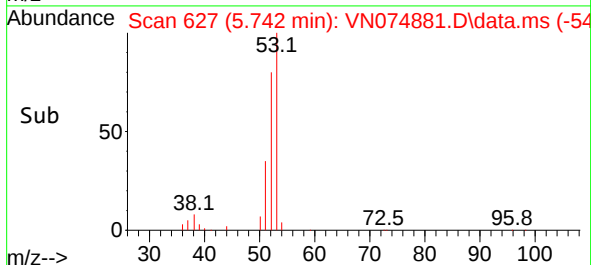
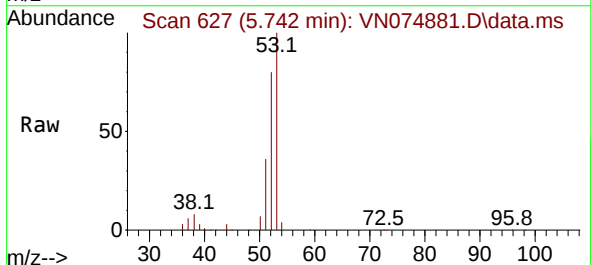
Manual Integrations
APPROVED

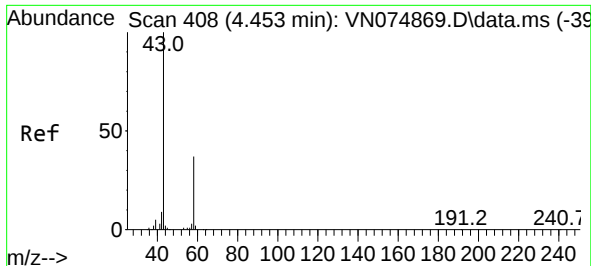
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#14
Acrylonitrile
Concen: 109.279 ug/l
RT: 5.742 min Scan# 627
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

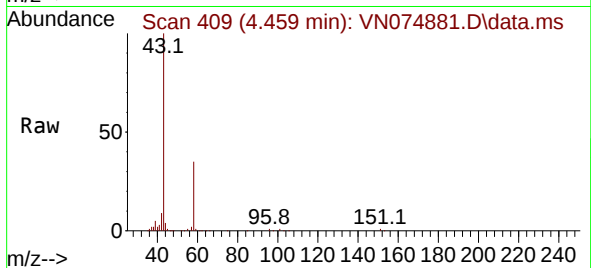
Tgt Ion: 53 Resp: 418492
Ion Ratio Lower Upper
53 100
52 84.3 40.8 122.4
51 36.1 17.0 51.0





#15
Acetone
Concen: 106.154 ug/l
RT: 4.459 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

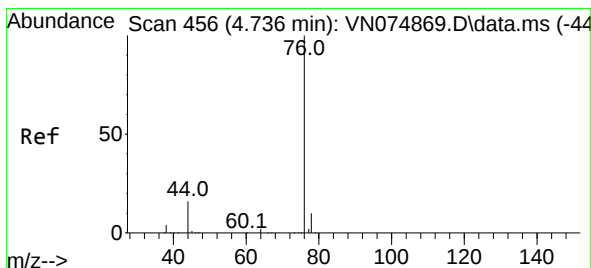
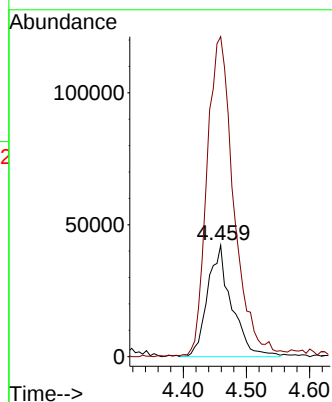
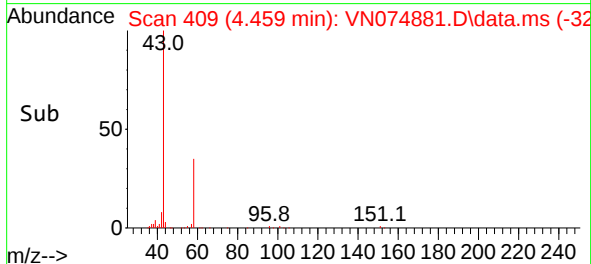
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01



Tgt Ion: 58 Resp: 111417
Ion Ratio Lower Upper
58 100
43 286.2 232.2 348.4

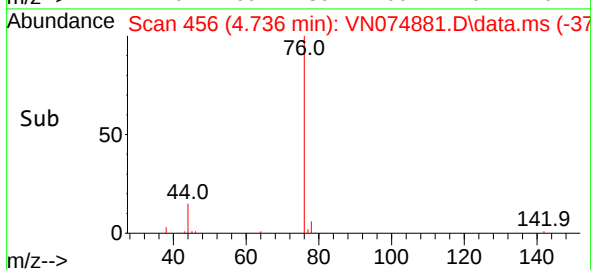
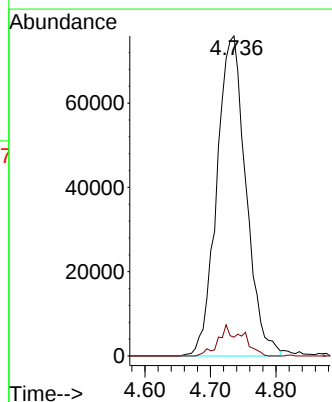
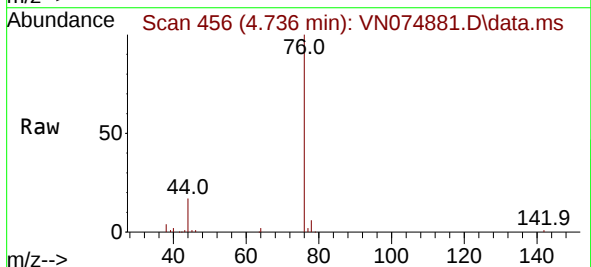
Manual Integrations
APPROVED

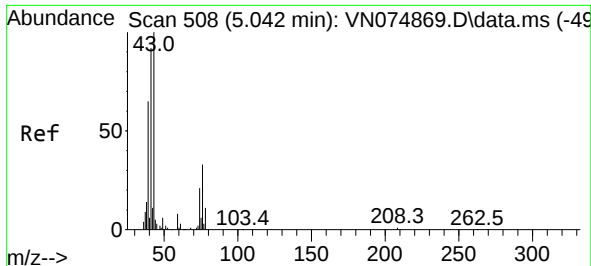
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#16
Carbon Disulfide
Concen: 21.416 ug/l
RT: 4.736 min Scan# 456
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

Tgt Ion: 76 Resp: 234384
Ion Ratio Lower Upper
76 100
78 5.9 7.2 10.8#





#17

Allyl chloride

Concen: 19.316 ug/l

RT: 5.042 min Scan# 508

Delta R.T. -0.000 min

Lab File: VN074881.D

Acq: 12 Oct 2022 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBSD01

Tgt Ion: 41 Resp: 163830

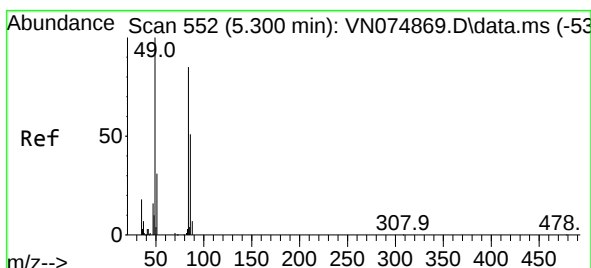
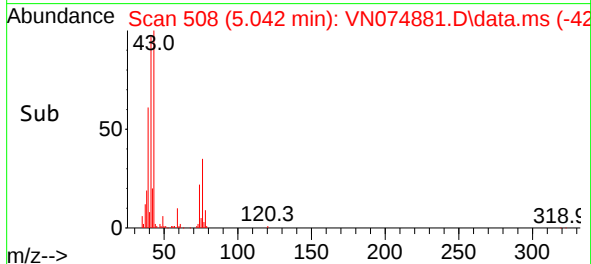
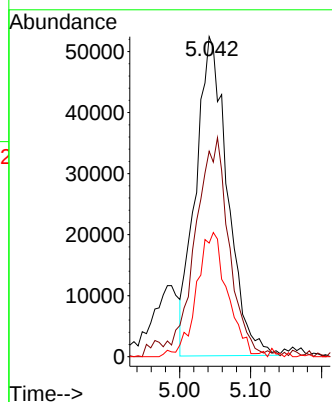
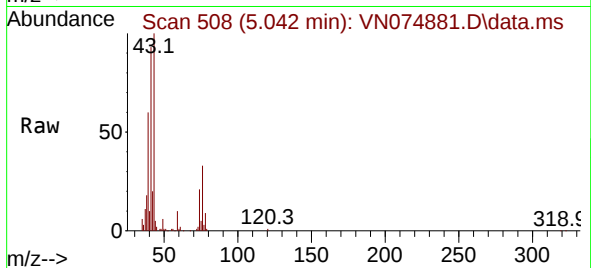
Ion	Ratio	Lower	Upper
41	100		
39	64.5	39.1	117.5
76	34.8	19.8	59.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#18

Methylene Chloride

Concen: 22.247 ug/l

RT: 5.300 min Scan# 552

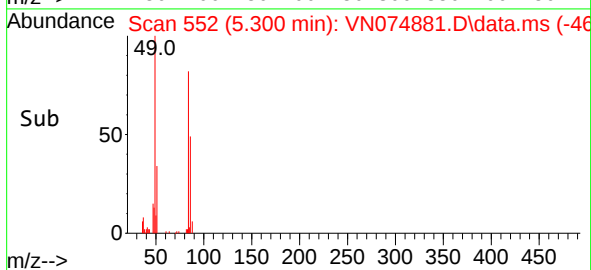
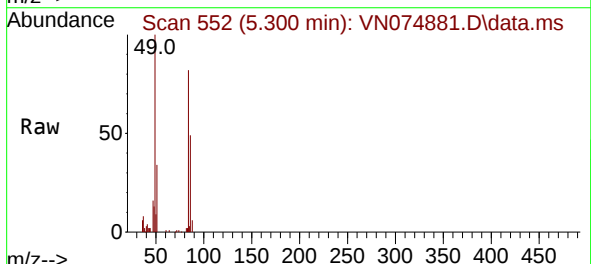
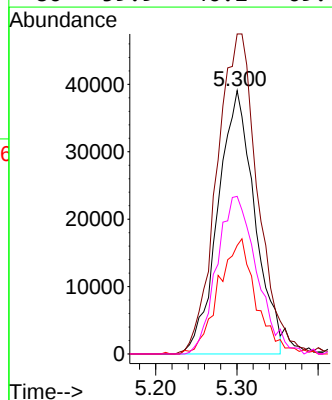
Delta R.T. -0.000 min

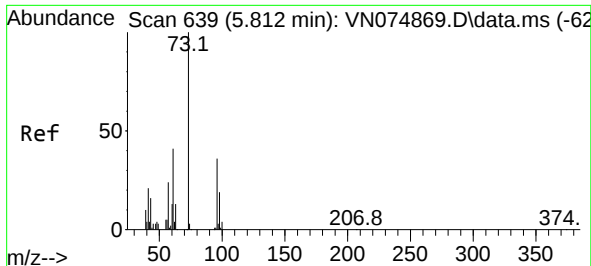
Lab File: VN074881.D

Acq: 12 Oct 2022 17:33

Tgt Ion: 84 Resp: 122892

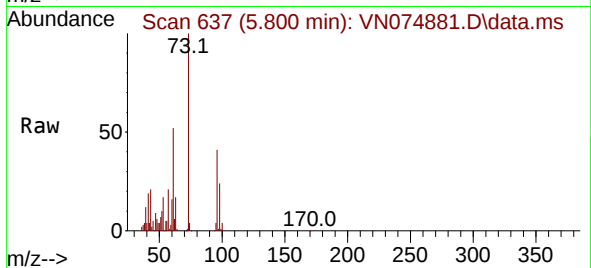
Ion	Ratio	Lower	Upper
84	100		
49	120.7	99.6	149.4
51	41.2	28.2	42.2
86	59.9	46.2	69.4





#19
trans-1,2-Dichloroethene
Concen: 20.862 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

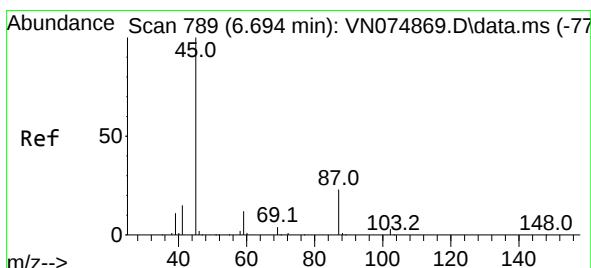
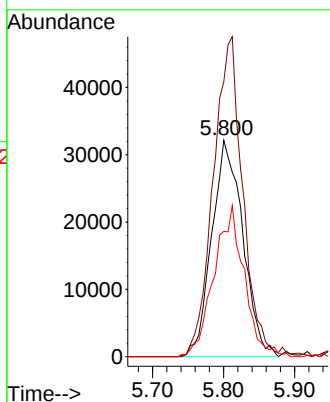
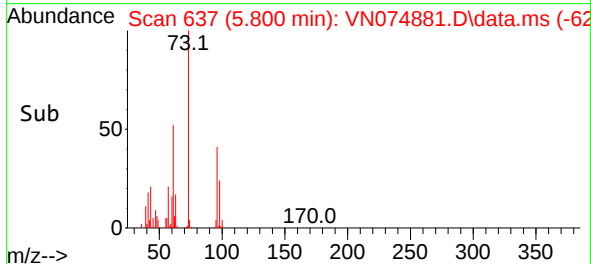
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01



Tgt Ion: 96 Resp: 9755
Ion Ratio Lower Upper
96 100
61 127.0 110.2 165.4
98 57.9 50.0 75.0

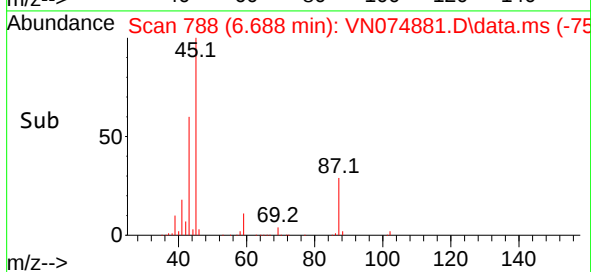
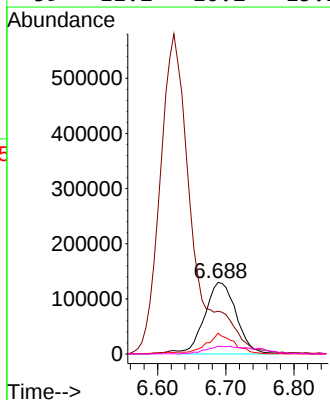
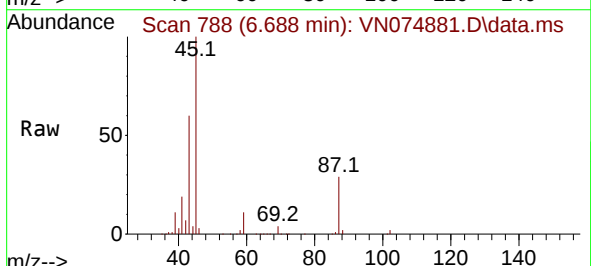
Manual Integrations
APPROVED

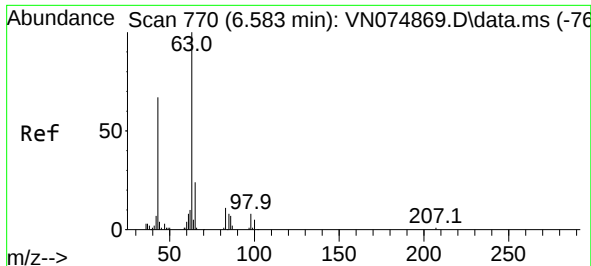
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#20
Diisopropyl ether
Concen: 20.986 ug/l
RT: 6.688 min Scan# 788
Delta R.T. -0.006 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

Tgt Ion: 45 Resp: 415512
Ion Ratio Lower Upper
45 100
43 58.1 47.3 70.9
87 28.9 21.8 32.8
59 11.2 10.2 15.2





#21

1,1-Dichloroethane

Concen: 22.051 ug/l

RT: 6.588 min Scan# 71

Delta R.T. 0.006 min

Lab File: VN074881.D

Acq: 12 Oct 2022 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBSD01

Tgt Ion: 63 Resp: 222120

Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.9

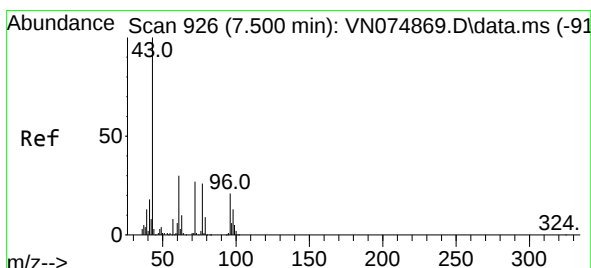
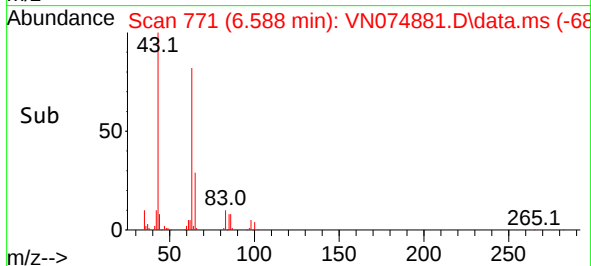
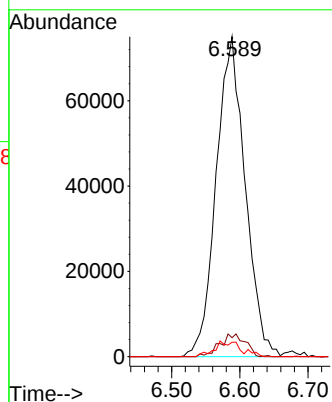
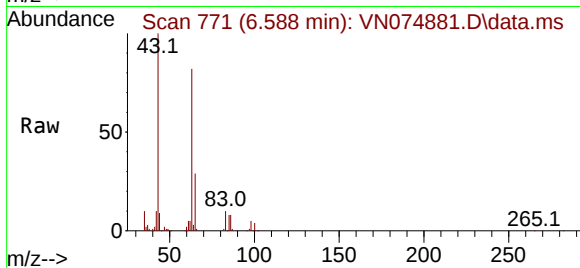
100 4.5 2.2 6.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#22

cis-1,2-Dichloroethene

Concen: 22.244 ug/l

RT: 7.506 min Scan# 927

Delta R.T. 0.006 min

Lab File: VN074881.D

Acq: 12 Oct 2022 17:33

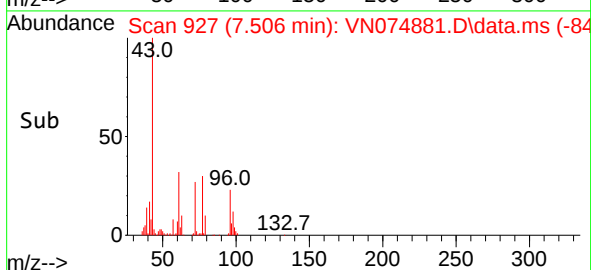
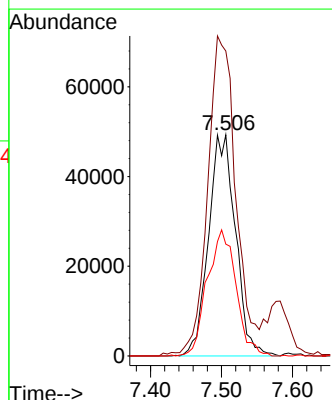
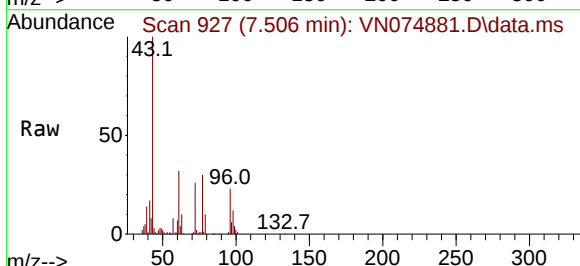
Tgt Ion: 96 Resp: 130260

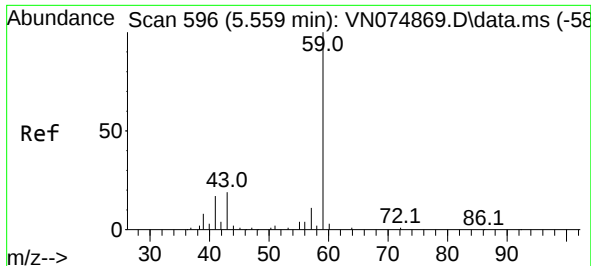
Ion Ratio Lower Upper

96 100

61 150.6 118.8 178.2

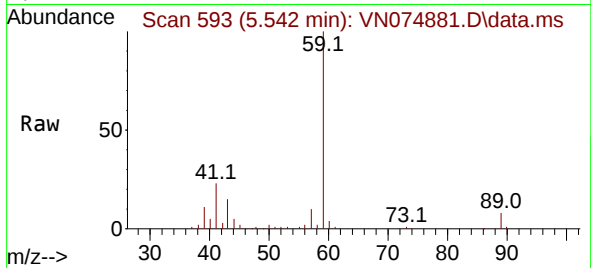
98 59.3 52.1 78.1





#23
tert-Butyl Alcohol
Concen: 106.459 ug/l
RT: 5.542 min Scan# 59
Delta R.T. -0.018 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

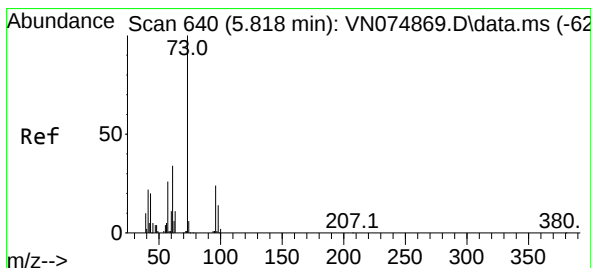
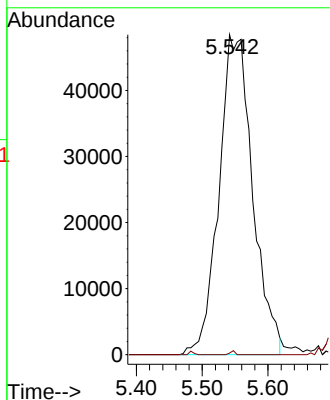
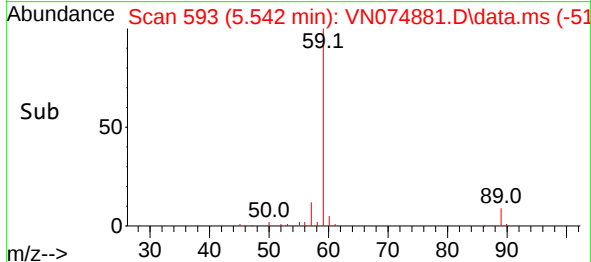
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01



Tgt Ion: 59 Resp: 171780
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.4

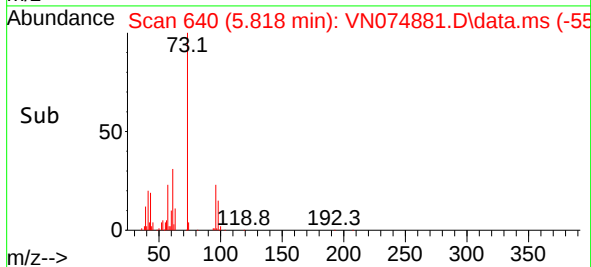
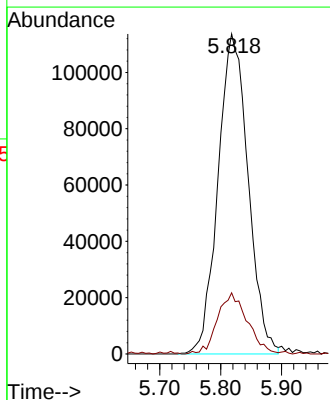
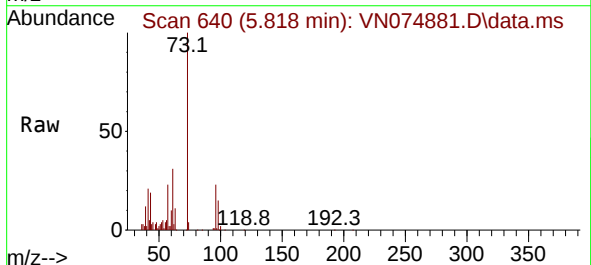
Manual Integrations
APPROVED

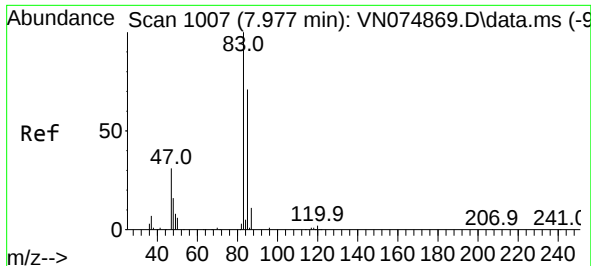
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#24
Methyl tert-Butyl Ether
Concen: 21.939 ug/l
RT: 5.818 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

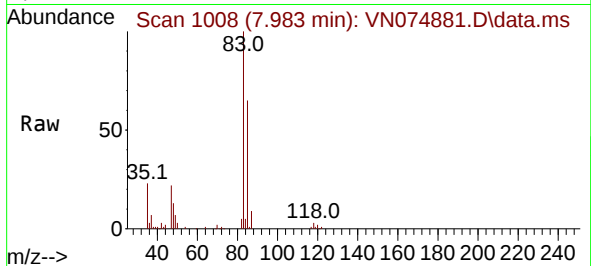
Tgt Ion: 73 Resp: 390326
Ion Ratio Lower Upper
73 100
43 18.3 15.6 23.4





#25
Chloroform
Concen: 21.539 ug/l
RT: 7.983 min Scan# 1008
Delta R.T. 0.006 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

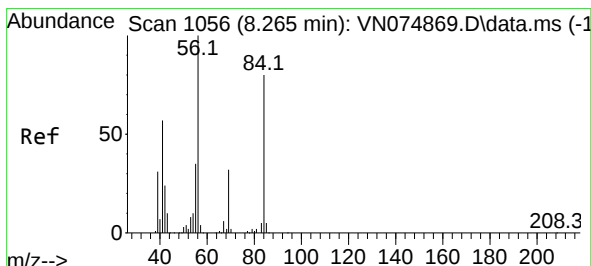
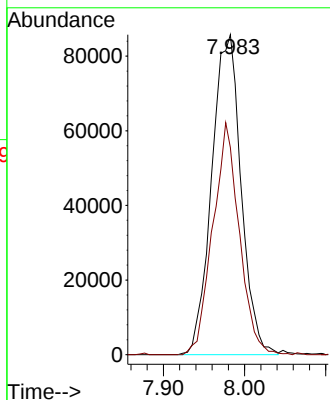
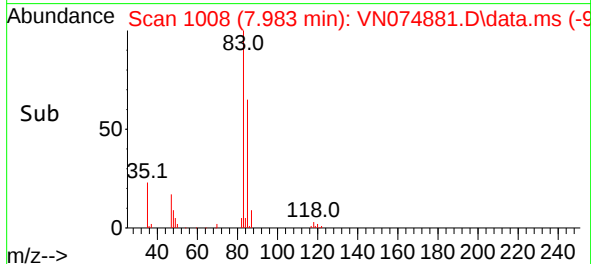
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01



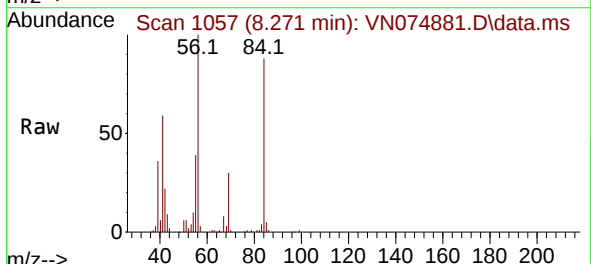
Tgt Ion: 83 Resp: 21545
Ion Ratio Lower Upper
83 100
85 64.7 53.6 80.4

Manual Integrations
APPROVED

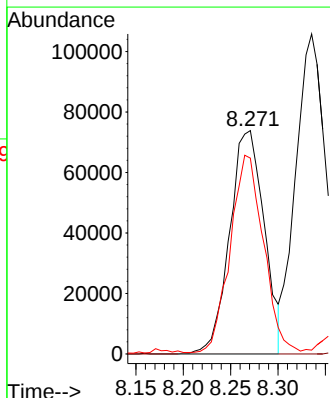
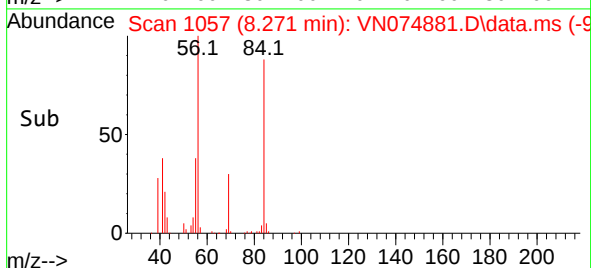
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

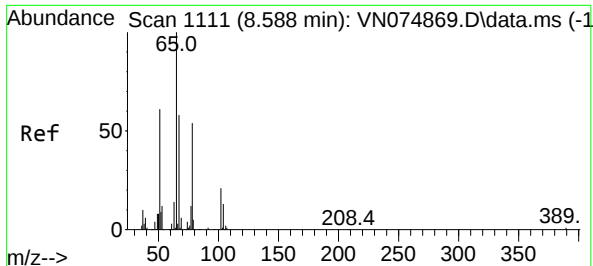


#26
Cyclohexane
Concen: 21.170 ug/l
RT: 8.271 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33



Tgt Ion: 56 Resp: 187317
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.7 68.4 102.6





#27

1,2-Dichloroethane-d4

Concen: 31.336 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VN074881.D

Acq: 12 Oct 2022 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBSD01

Tgt Ion: 65 Resp: 20478

Ion Ratio Lower Upper

65 100

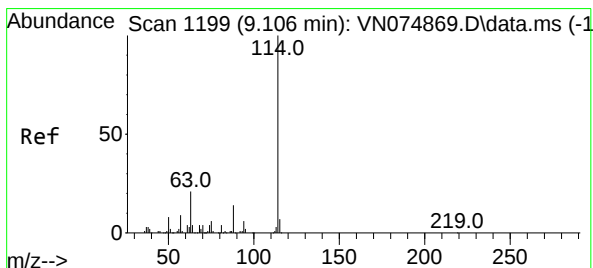
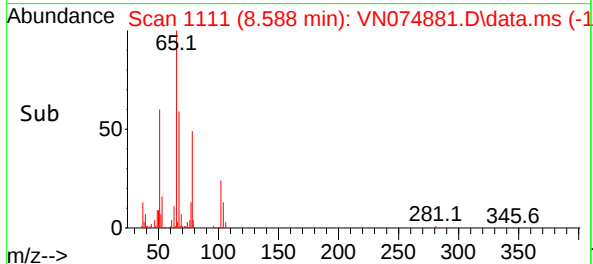
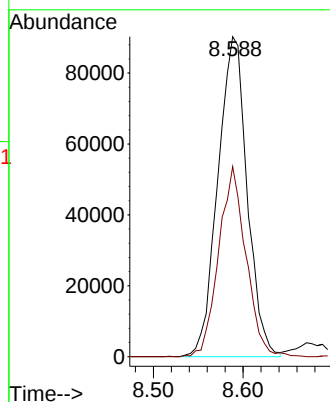
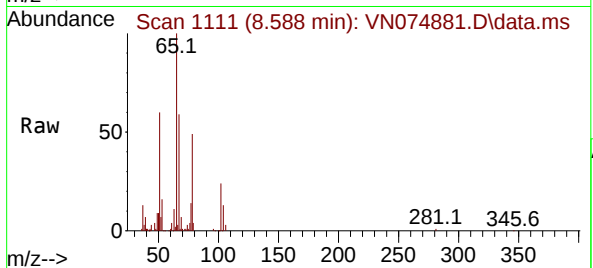
67 54.9 45.2 67.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.112 min Scan# 1200

Delta R.T. 0.006 min

Lab File: VN074881.D

Acq: 12 Oct 2022 17:33

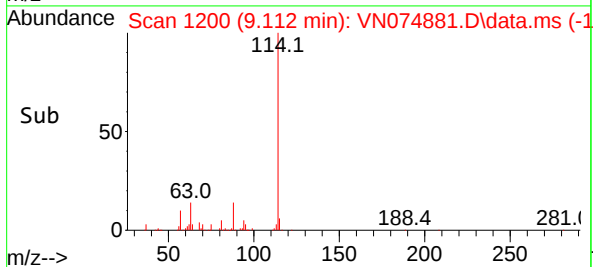
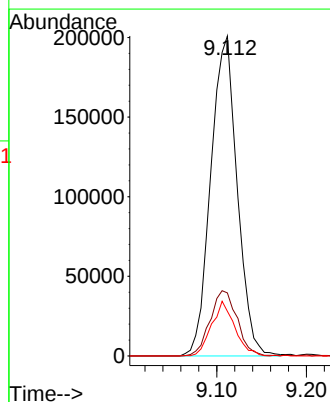
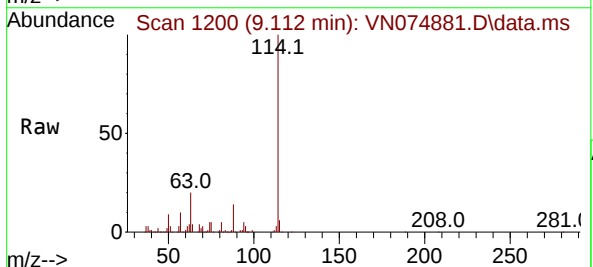
Tgt Ion:114 Resp: 411437

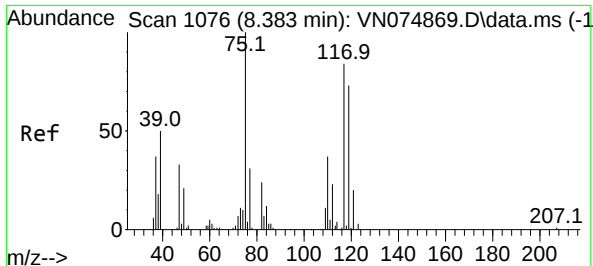
Ion Ratio Lower Upper

114 100

63 20.8 16.6 25.0

88 15.0 12.2 18.4





#29

1,1-Dichloropropene

Concen: 19.531 ug/l

RT: 8.383 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VN074881.D

Acq: 12 Oct 2022 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBSD01

Tgt Ion: 75 Resp: 144990

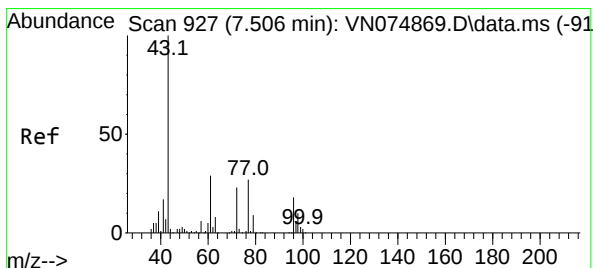
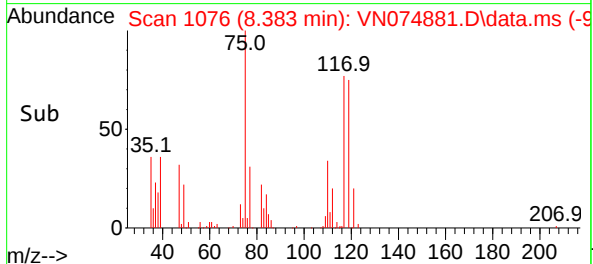
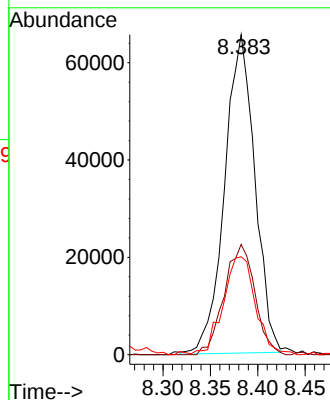
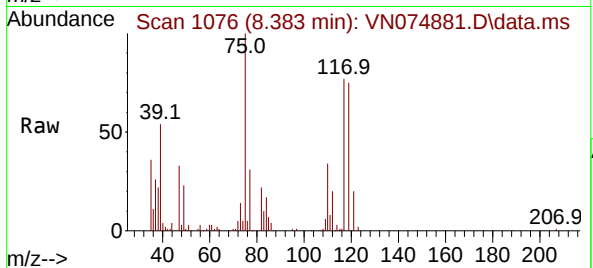
Ion	Ratio	Lower	Upper
75	100		
110	35.2	0.0	72.2
77	32.4	0.0	64.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#30

2-Butanone

Concen: 101.443 ug/l

RT: 7.500 min Scan# 926

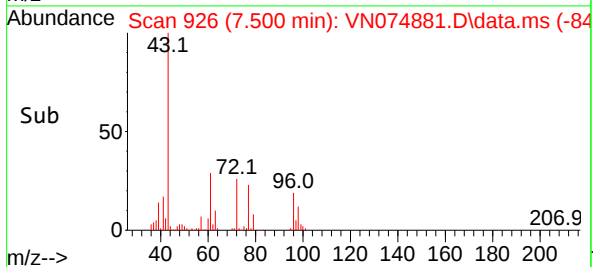
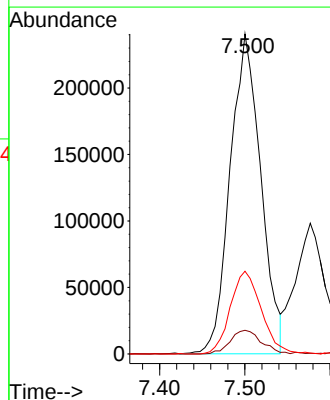
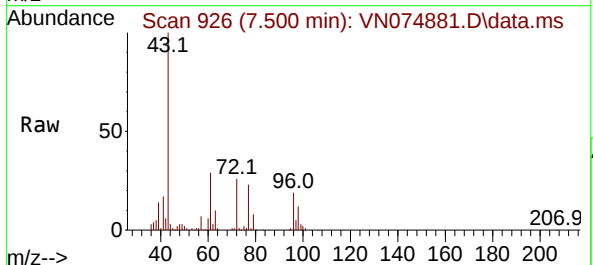
Delta R.T. -0.006 min

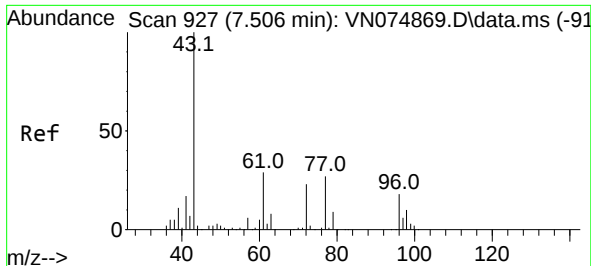
Lab File: VN074881.D

Acq: 12 Oct 2022 17:33

Tgt Ion: 43 Resp: 600869

Ion	Ratio	Lower	Upper
43	100		
57	7.5	6.3	9.5
72	26.1	21.0	31.4





#31

2,2-Dichloropropane

Concen: 18.757 ug/l

RT: 7.506 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN074881.D

Acq: 12 Oct 2022 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBSD01

Tgt Ion: 77 Resp: 170450

Ion Ratio Lower Upper

77 100

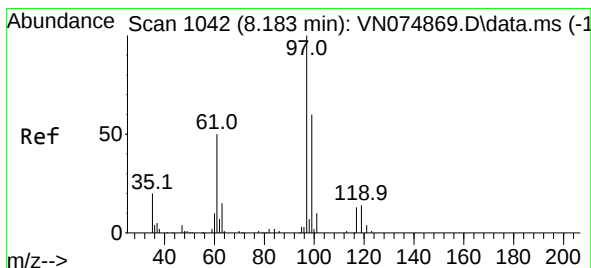
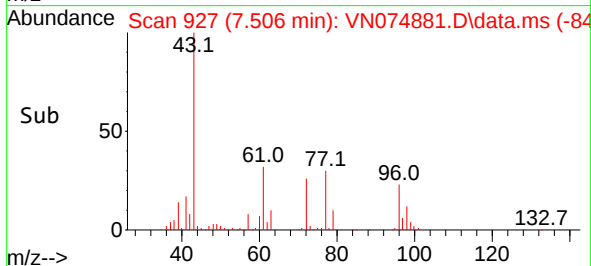
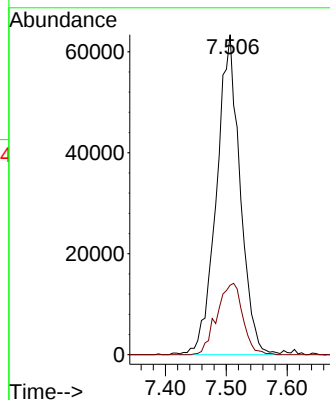
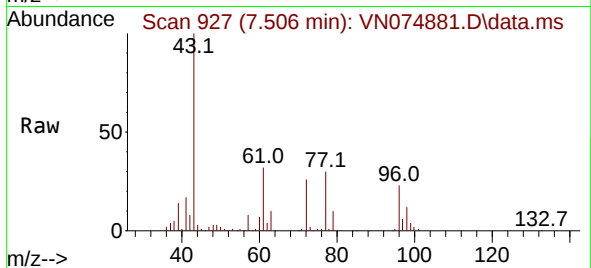
97 24.4 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#32

1,1,1-Trichloroethane

Concen: 19.337 ug/l

RT: 8.183 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VN074881.D

Acq: 12 Oct 2022 17:33

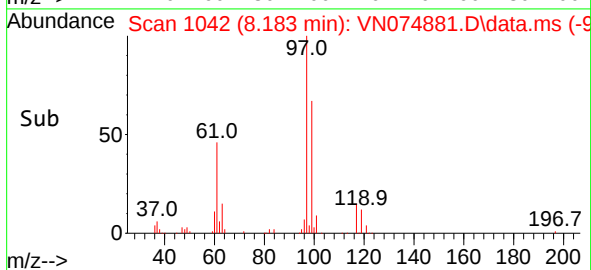
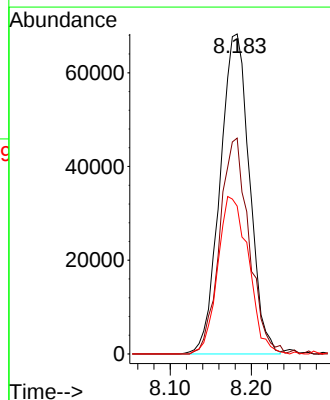
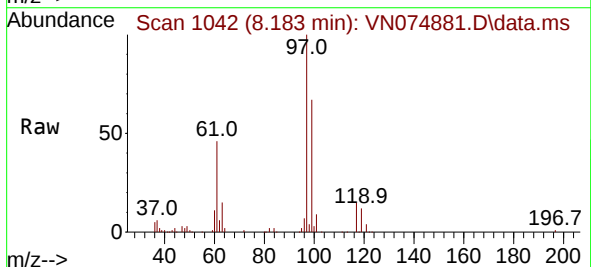
Tgt Ion: 97 Resp: 172149

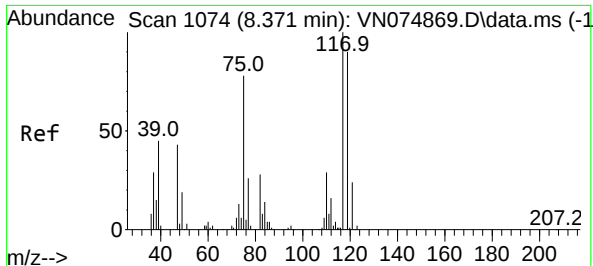
Ion Ratio Lower Upper

97 100

99 67.1 50.0 75.0

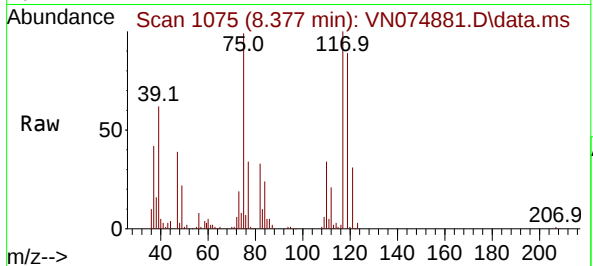
61 51.4 36.1 54.1





#33
Carbon Tetrachloride
Concen: 19.780 ug/l
RT: 8.377 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

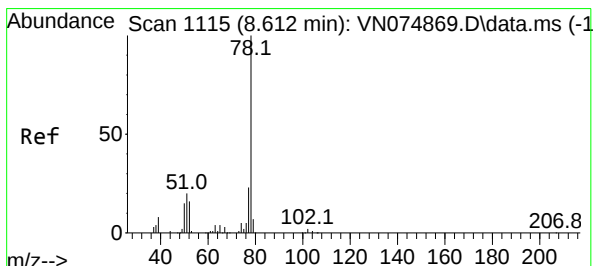
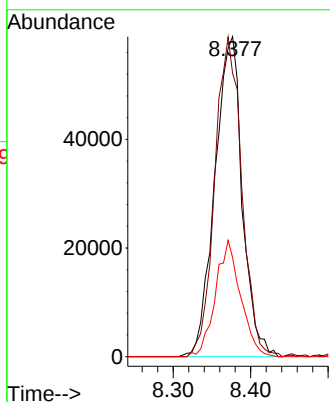
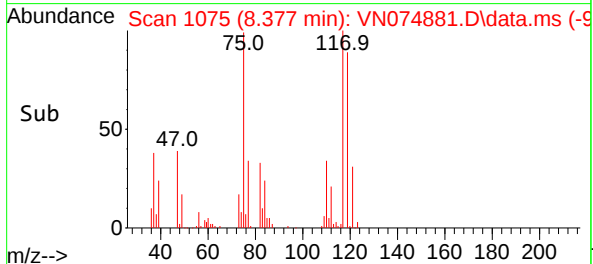
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01



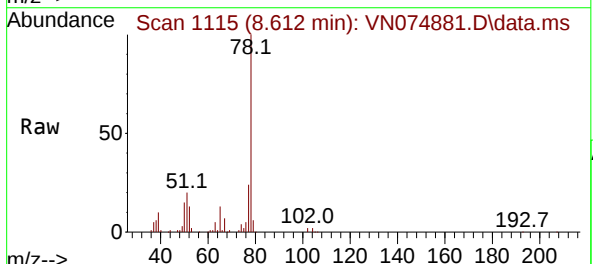
Tgt Ion: 117 Resp: 14461
Ion Ratio Lower Upper
117 100
119 88.6 77.8 116.6
121 31.0 27.6 41.4

Manual Integrations
APPROVED

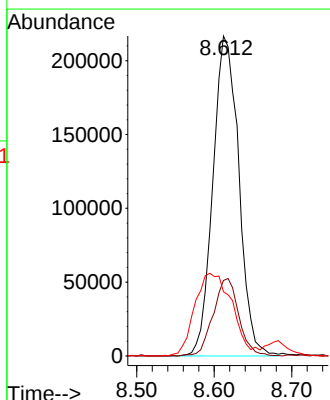
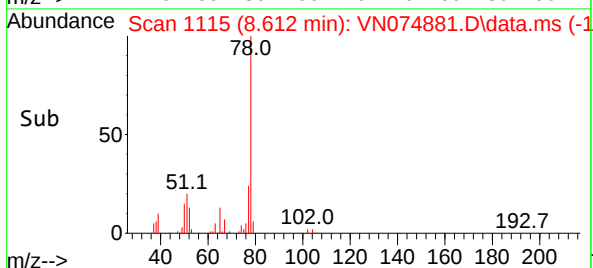
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

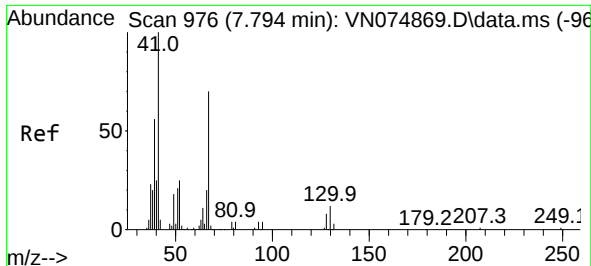


#34
Benzene
Concen: 20.533 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33



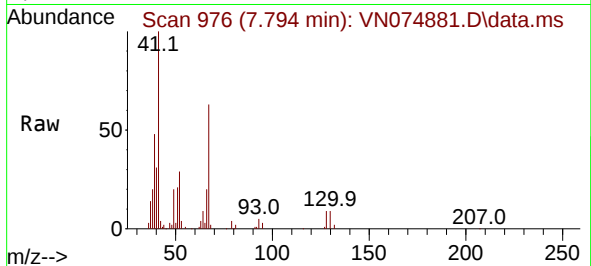
Tgt Ion: 78 Resp: 503855
Ion Ratio Lower Upper
78 100
77 23.6 19.9 29.9
51 19.1 21.1 31.7#





#35
Methacrylonitrile
Concen: 19.005 ug/l
RT: 7.794 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

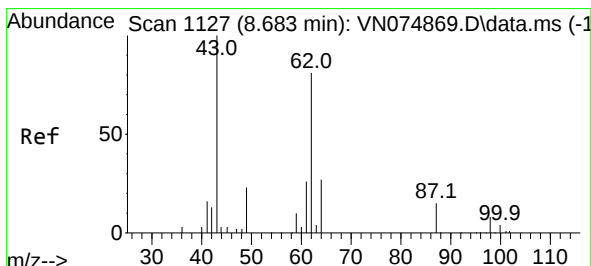
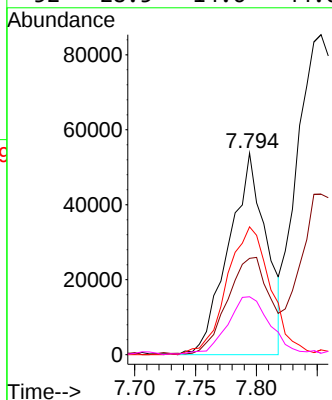
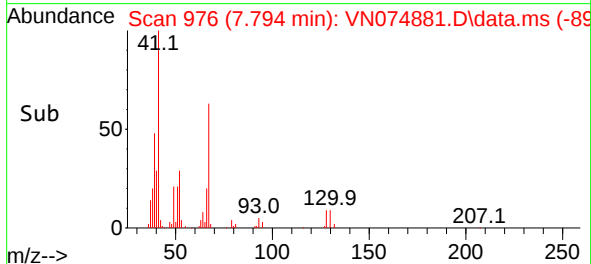
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01



Tgt Ion: 41 Resp: 115692
Ion Ratio Lower Upper
41 100
39 47.1 27.7 83.1
67 63.4 38.0 113.9
52 28.5 14.6 44.0

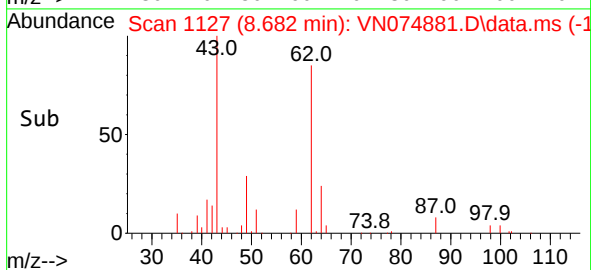
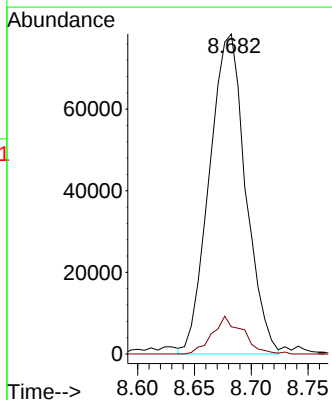
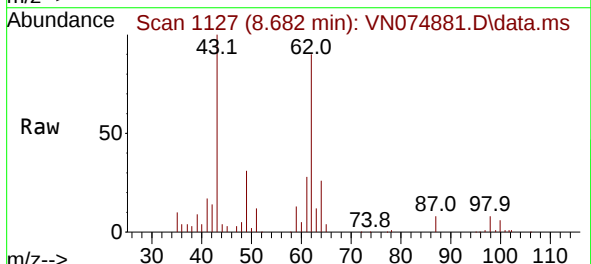
Manual Integrations
APPROVED

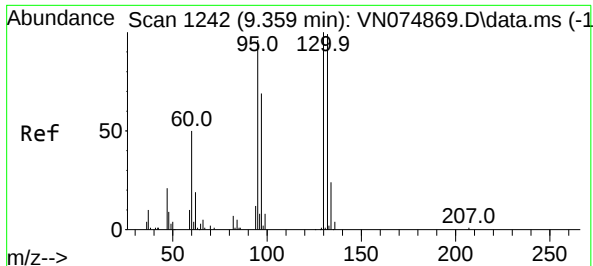
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#36
1,2-Dichloroethane
Concen: 21.330 ug/l
RT: 8.682 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

Tgt Ion: 62 Resp: 174306
Ion Ratio Lower Upper
62 100
98 7.6 7.4 11.2





#37

Trichloroethene

Concen: 20.314 ug/l

RT: 9.353 min Scan# 1241

Delta R.T. -0.006 min

Lab File: VN074881.D

Acq: 12 Oct 2022 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBSD01

Tgt Ion:130 Resp: 10366

Ion Ratio Lower Upper

130 100

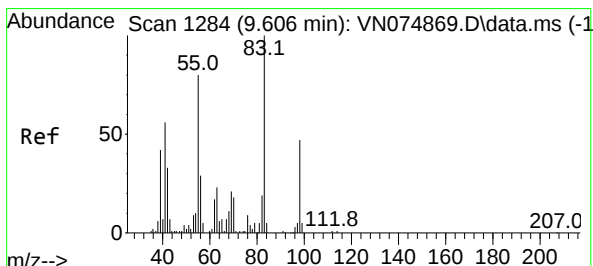
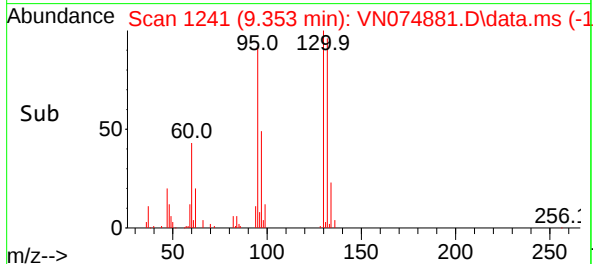
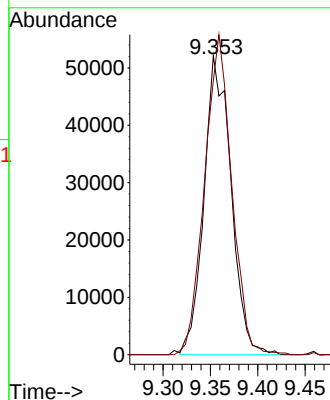
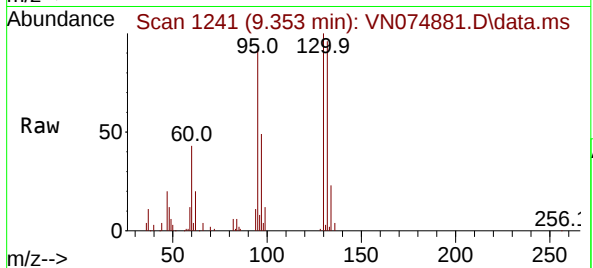
95 91.0 75.9 113.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#38

Methylcyclohexane

Concen: 19.794 ug/l

RT: 9.606 min Scan# 1284

Delta R.T. -0.000 min

Lab File: VN074881.D

Acq: 12 Oct 2022 17:33

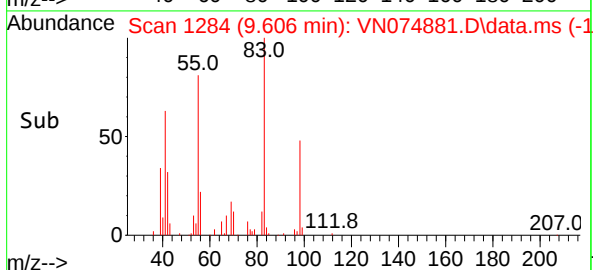
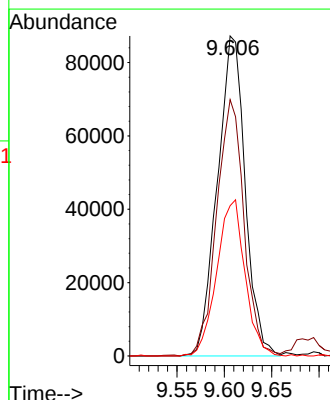
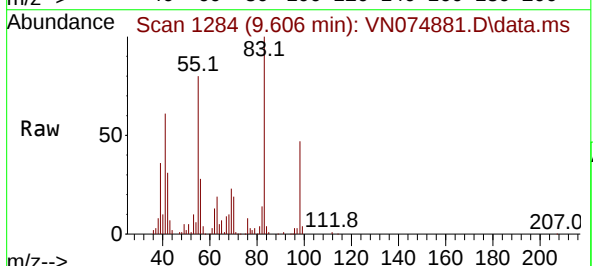
Tgt Ion: 83 Resp: 178511

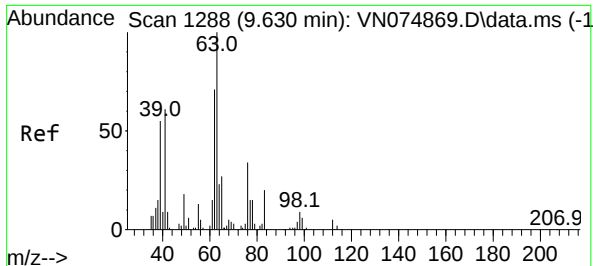
Ion Ratio Lower Upper

83 100

55 78.5 37.4 112.2

98 49.5 24.5 73.5





#39

1,2-Dichloropropane

Concen: 20.359 ug/l

RT: 9.629 min Scan# 1288

Delta R.T. -0.000 min

Lab File: VN074881.D

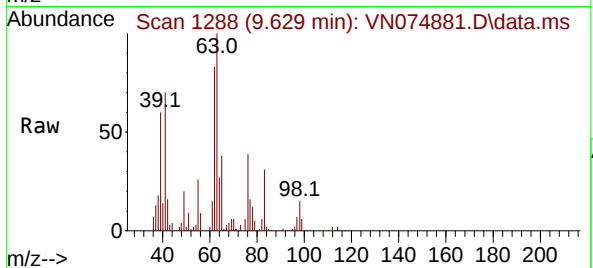
Acq: 12 Oct 2022 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBSD01



Tgt Ion: 63 Resp: 129510

Ion Ratio Lower Upper

63 100

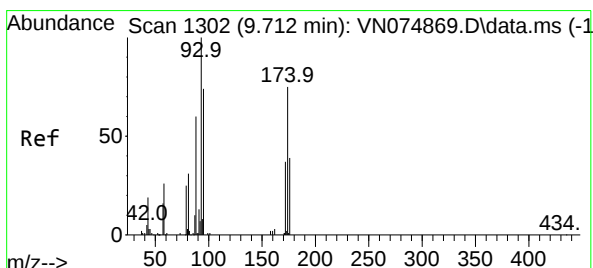
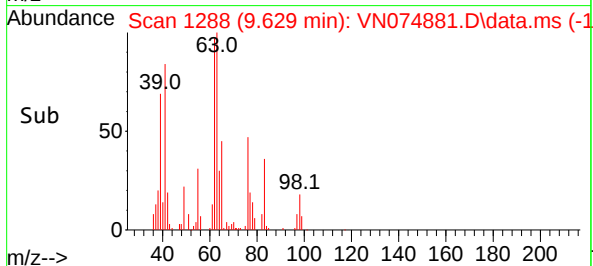
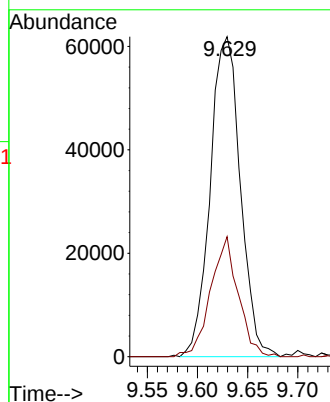
65 37.5 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#40

Dibromomethane

Concen: 20.767 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN074881.D

Acq: 12 Oct 2022 17:33

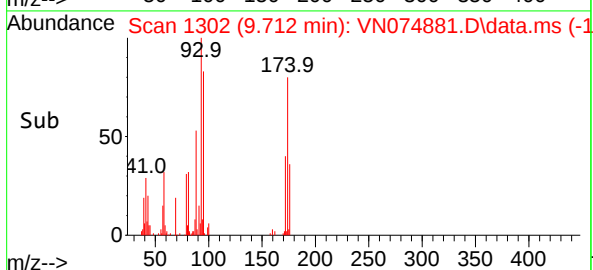
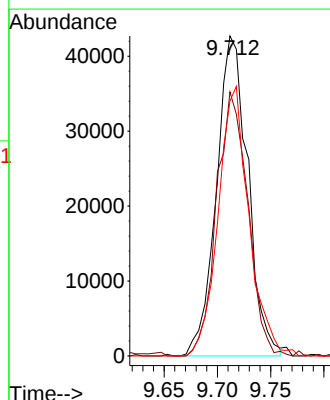
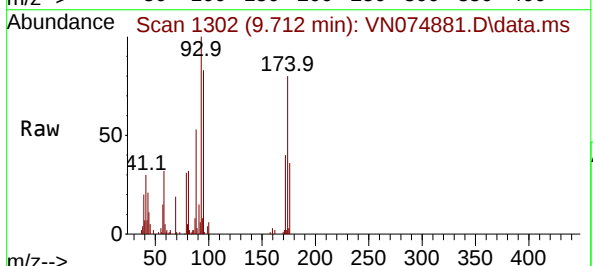
Tgt Ion: 93 Resp: 87541

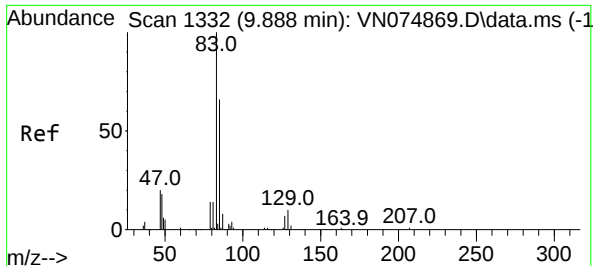
Ion Ratio Lower Upper

93 100

95 81.7 0.0 168.0

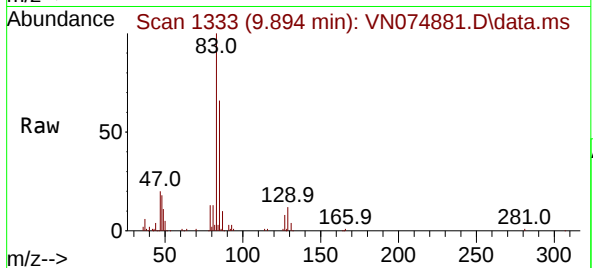
174 82.2 0.0 158.4





#41
Bromodichloromethane
Concen: 20.678 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

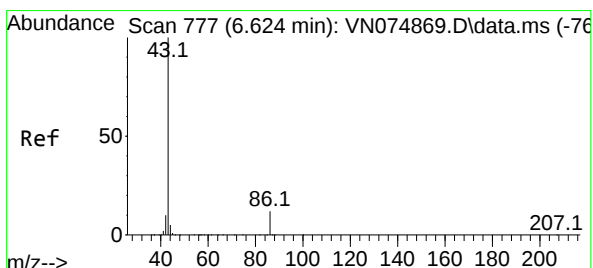
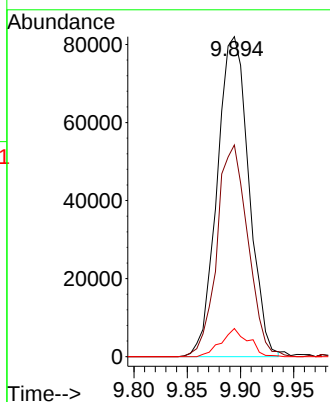
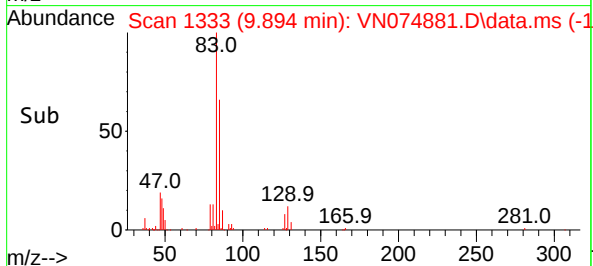
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01



Tgt Ion: 83 Resp: 16975
Ion Ratio Lower Upper
83 100
85 66.2 50.2 75.4
127 8.8 5.1 7.7

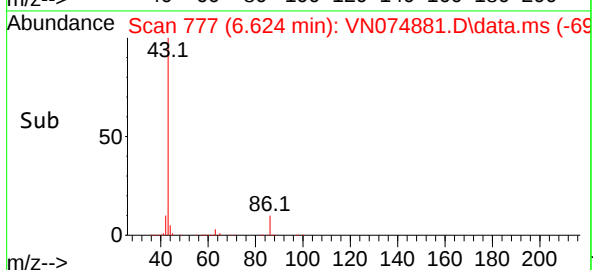
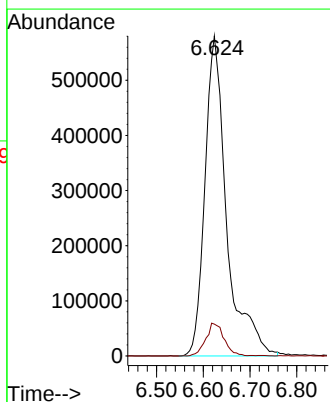
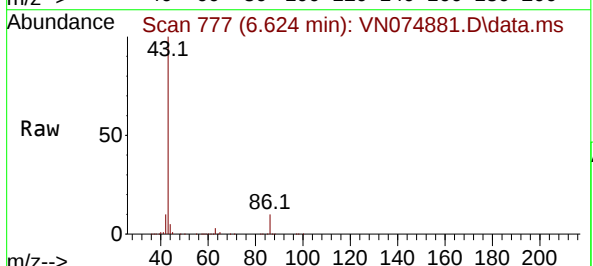
Manual Integrations
APPROVED

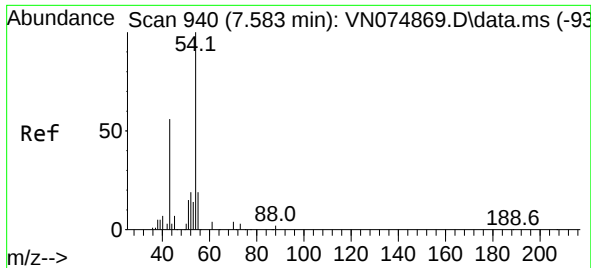
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#42
Vinyl Acetate
Concen: 106.585 ug/l m
RT: 6.624 min Scan# 777
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

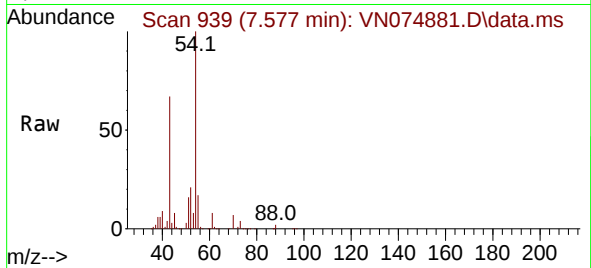
Tgt Ion: 43 Resp: 1880603
Ion Ratio Lower Upper
43 100
86 8.6 7.5 11.3





#43
Ethyl Acetate
Concen: 21.267 ug/l m
RT: 7.577 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

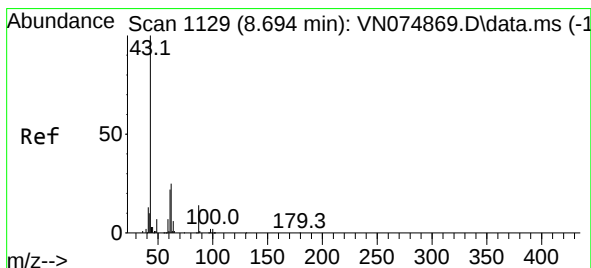
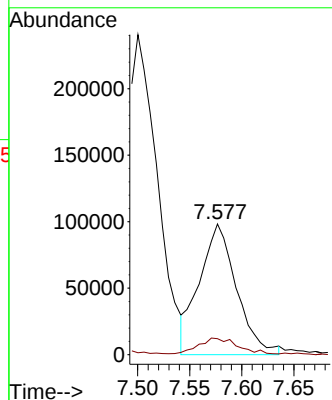
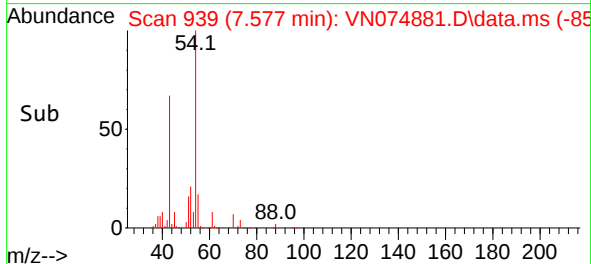
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01



Tgt Ion: 43 Resp: 244920
Ion Ratio Lower Upper
43 100
45 0.0 11.5 17.3

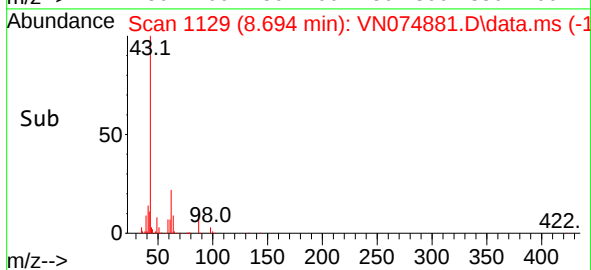
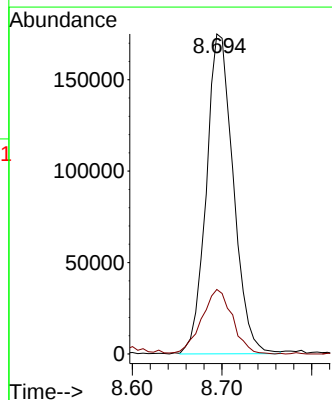
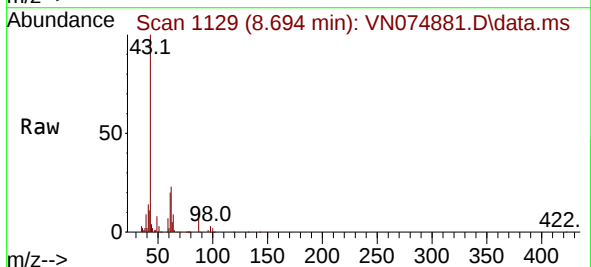
Manual Integrations
APPROVED

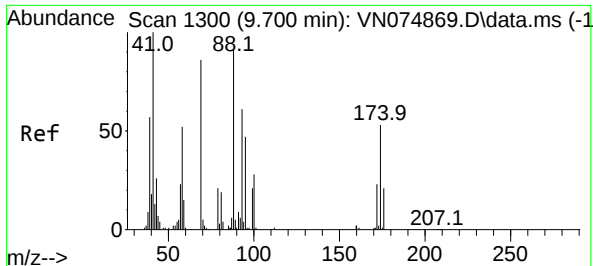
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#44
Isopropyl Acetate
Concen: 20.536 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

Tgt Ion: 43 Resp: 365710
Ion Ratio Lower Upper
43 100
61 23.1 19.5 29.3





#45

1,4-Dioxane

Concen: 411.982 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN074881.D

Acq: 12 Oct 2022 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBSD01

Tgt Ion: 88 Resp: 6727

Ion Ratio Lower Upper

88 100

43 15.7 25.7 38.5

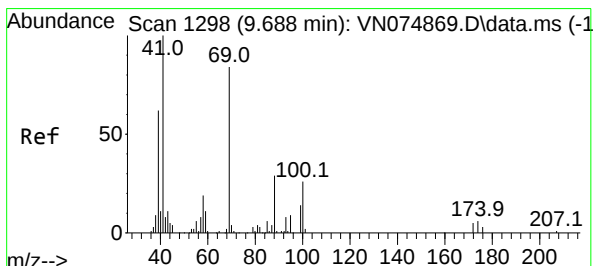
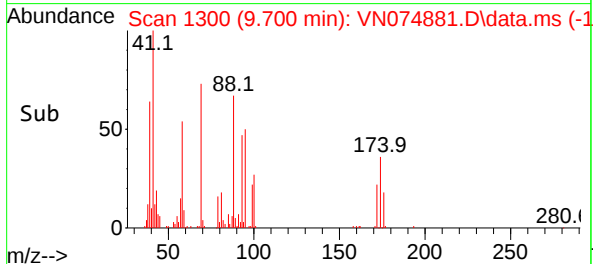
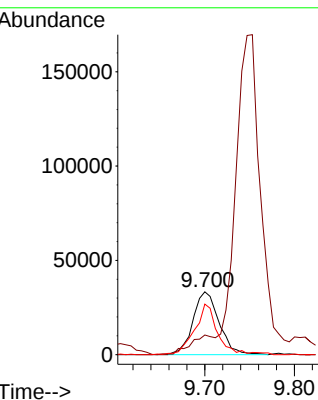
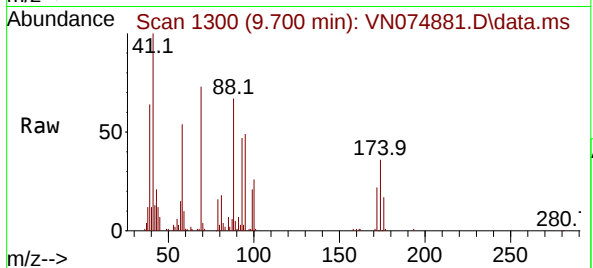
58 69.7 53.4 80.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#46

Methyl methacrylate

Concen: 21.029 ug/l

RT: 9.688 min Scan# 1298

Delta R.T. -0.000 min

Lab File: VN074881.D

Acq: 12 Oct 2022 17:33

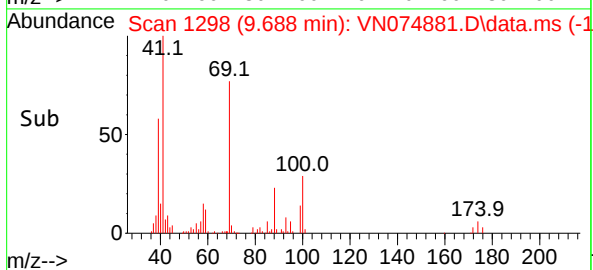
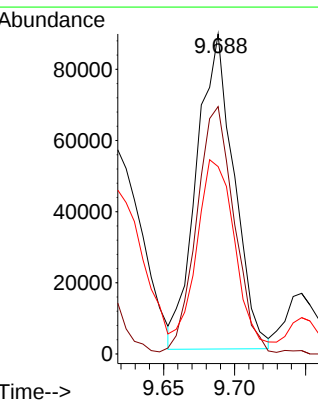
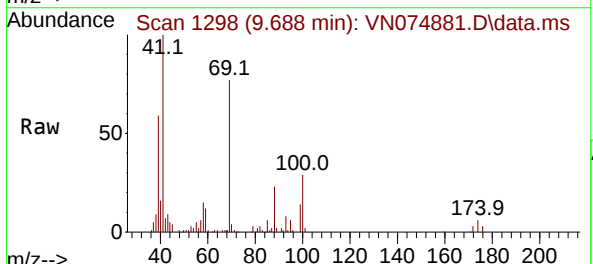
Tgt Ion: 41 Resp: 162196

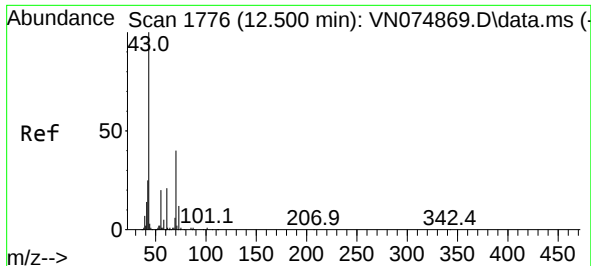
Ion Ratio Lower Upper

41 100

69 80.2 45.6 136.7

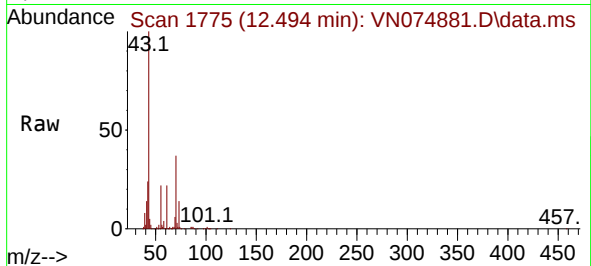
39 57.6 32.3 96.9





#47
n-amy1 Acetate
Concen: 19.819 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

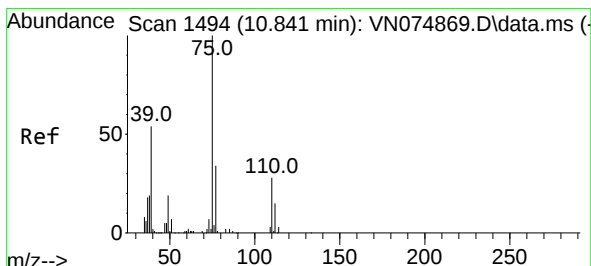
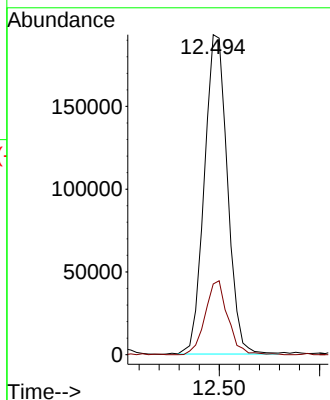
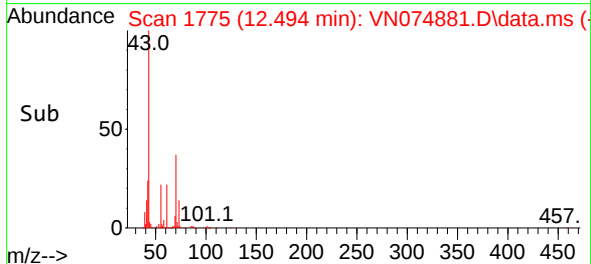
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01



Tgt Ion: 43 Resp: 30882
Ion Ratio Lower Upper
43 100
55 22.4 16.8 25.2

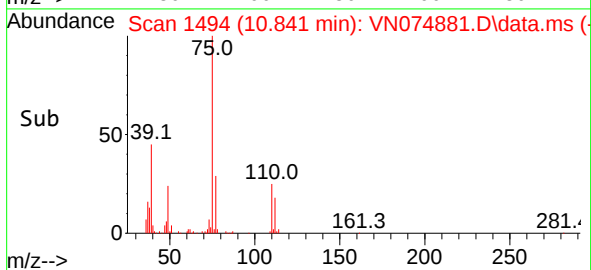
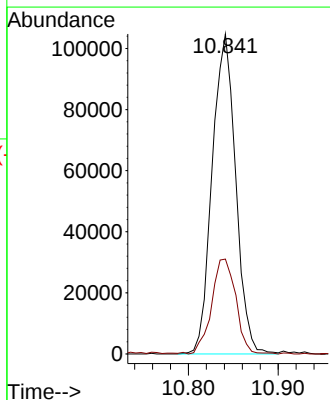
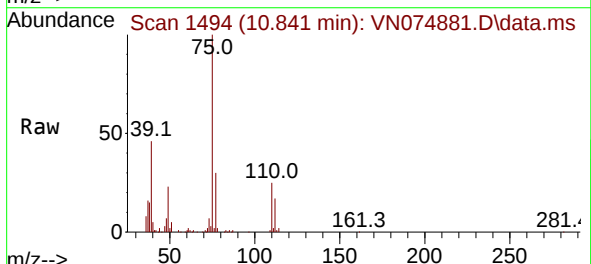
Manual Integrations
APPROVED

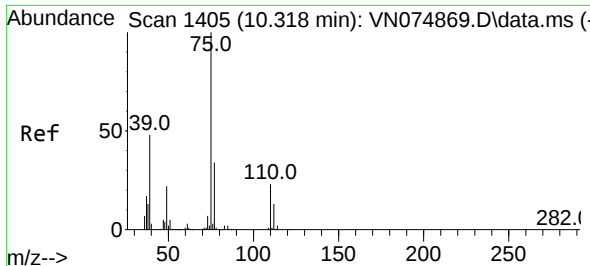
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#48
t-1,3-Dichloropropene
Concen: 20.231 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

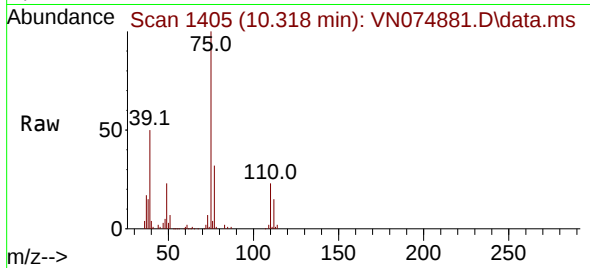
Tgt Ion: 75 Resp: 190556
Ion Ratio Lower Upper
75 100
77 29.7 25.8 38.8





#49
 cis-1,3-Dichloropropene
 Concen: 19.807 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. -0.000 min
 Lab File: VN074881.D
 Acq: 12 Oct 2022 17:33

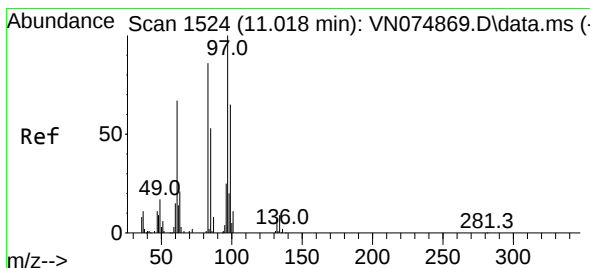
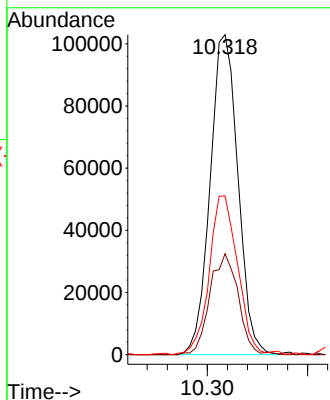
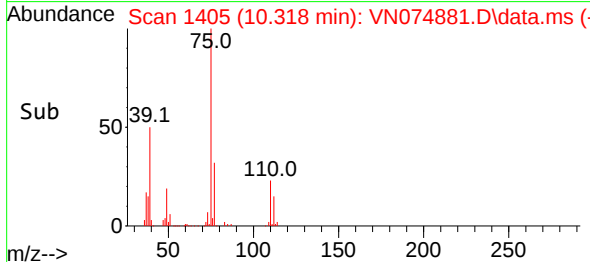
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBSD01



Tgt Ion: 75 Resp: 197828
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.5 33.7
 39 49.2 37.6 56.4

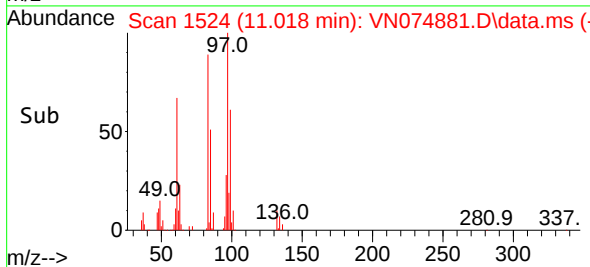
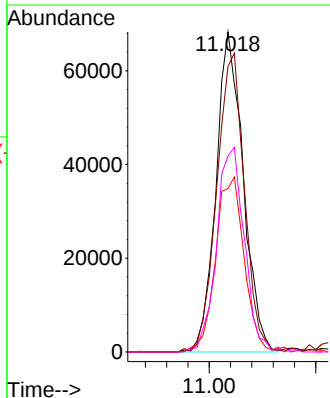
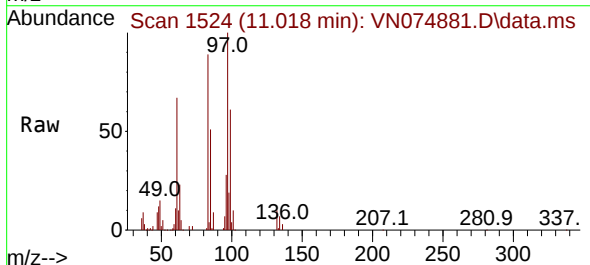
Manual Integrations
 APPROVED

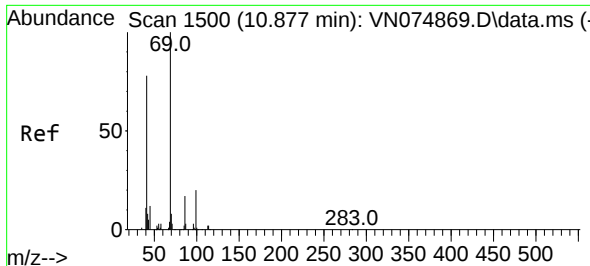
Reviewed By :John Carlone 10/13/2022
 Supervised By :Mahesh Dadoda 10/14/2022



#50
 1,1,2-Trichloroethane
 Concen: 19.514 ug/l
 RT: 11.018 min Scan# 1524
 Delta R.T. -0.000 min
 Lab File: VN074881.D
 Acq: 12 Oct 2022 17:33

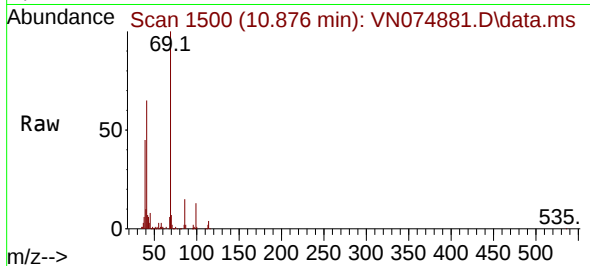
Tgt Ion: 97 Resp: 121048
 Ion Ratio Lower Upper
 97 100
 83 89.2 69.2 103.8
 85 51.1 41.4 62.2
 99 61.2 46.3 69.5





#51
Ethyl methacrylate
Concen: 20.308 ug/l
RT: 10.876 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

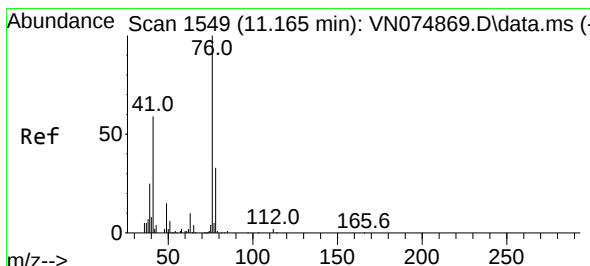
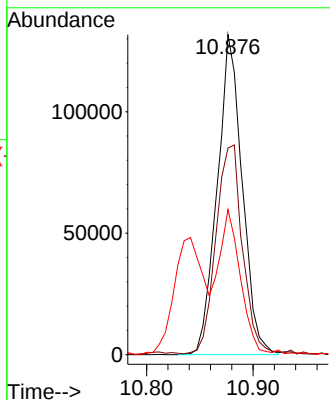
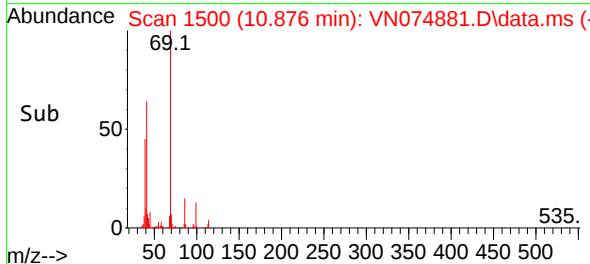
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01



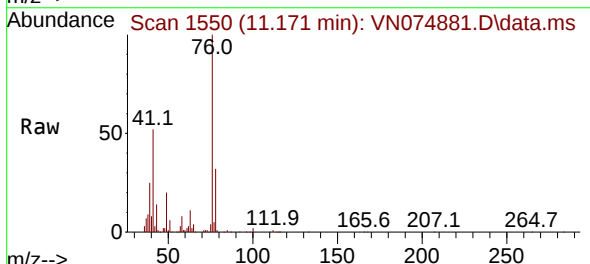
Tgt Ion: 69 Resp: 214210
Ion Ratio Lower Upper
69 100
41 64.1 32.5 97.5
39 43.9 21.5 64.5

Manual Integrations
APPROVED

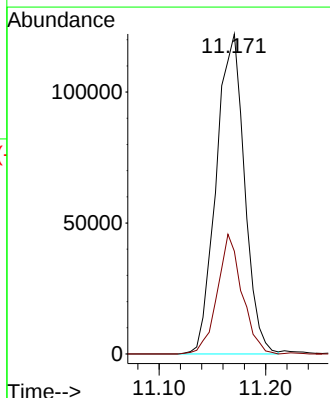
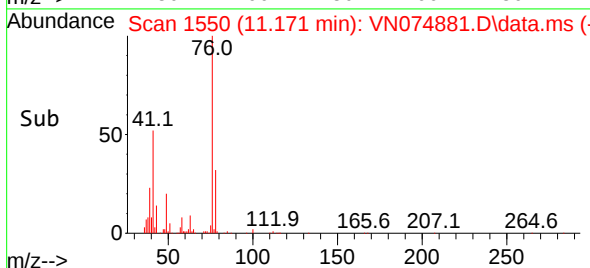
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

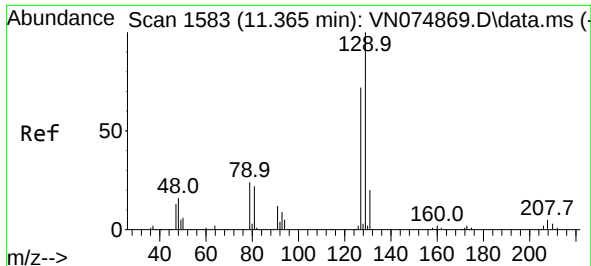


#52
1,3-Dichloropropane
Concen: 21.045 ug/l
RT: 11.171 min Scan# 1550
Delta R.T. 0.006 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33



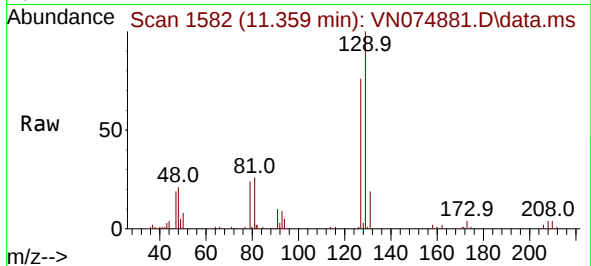
Tgt Ion: 76 Resp: 225334
Ion Ratio Lower Upper
76 100
78 32.8 0.0 63.8





#53
Dibromochloromethane
Concen: 19.787 ug/l
RT: 11.359 min Scan# 11358
Delta R.T. -0.006 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

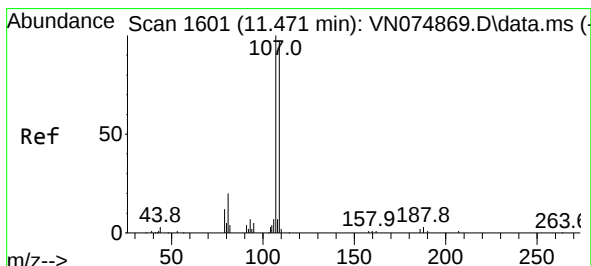
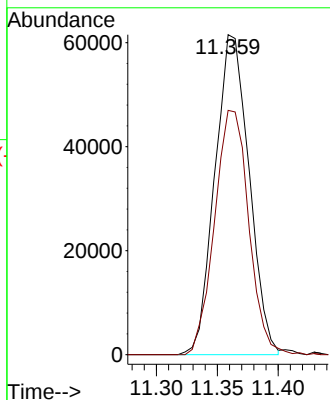
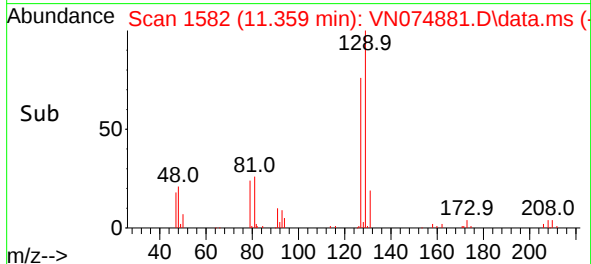
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01



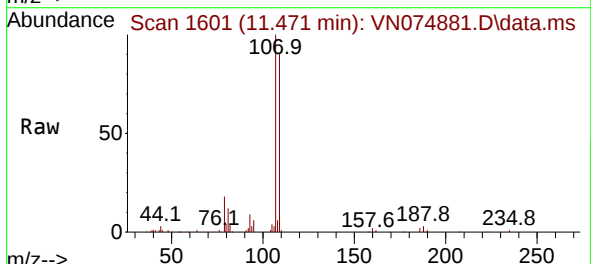
Tgt Ion:129 Resp: 120258
Ion Ratio Lower Upper
129 100
127 76.2 40.6 121.7

Manual Integrations
APPROVED

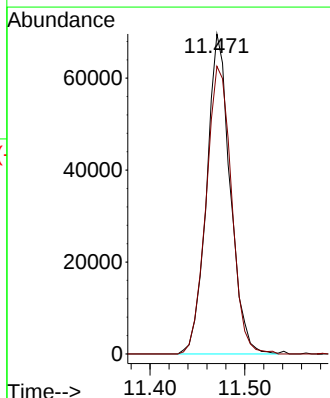
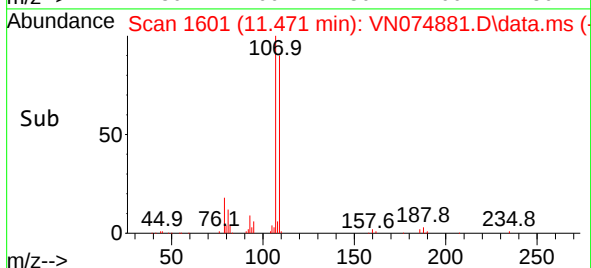
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

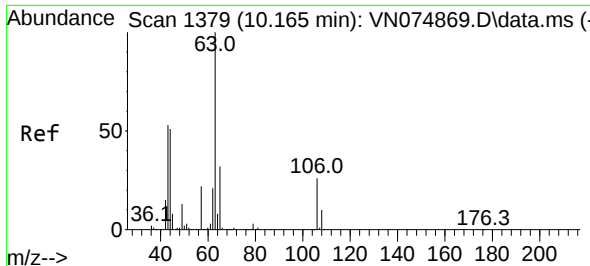


#54
1,2-Dibromoethane
Concen: 20.155 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33



Tgt Ion:107 Resp: 120125
Ion Ratio Lower Upper
107 100
109 97.0 76.2 114.2





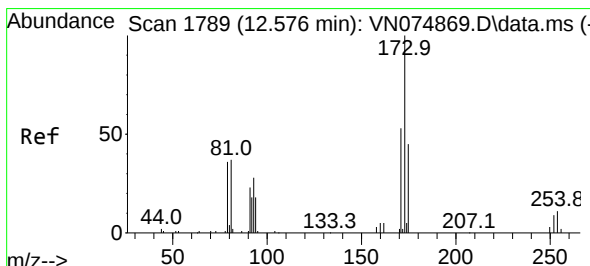
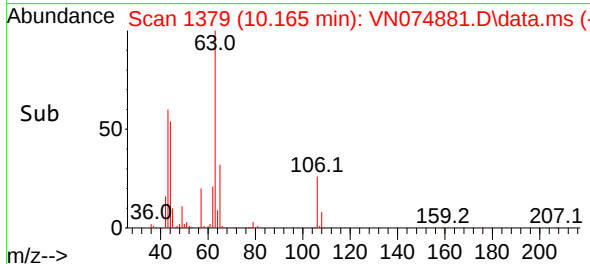
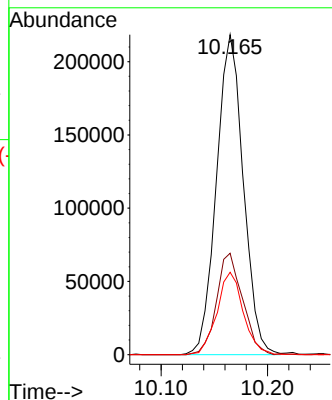
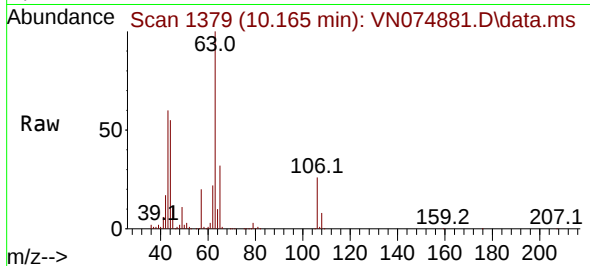
#55
2-Chloroethyl vinyl ether
Concen: 92.737 ug/l
RT: 10.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01

Tgt Ion: 63 Resp: 38264
Ion Ratio Lower Upper
63 100
65 30.6 24.6 36.8
106 25.2 21.3 31.9

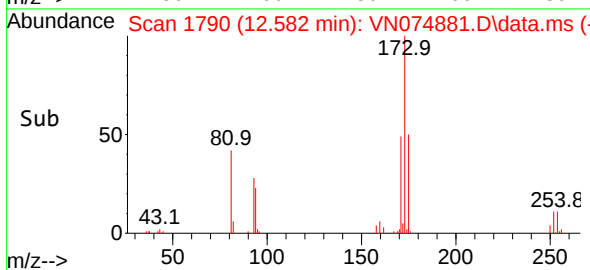
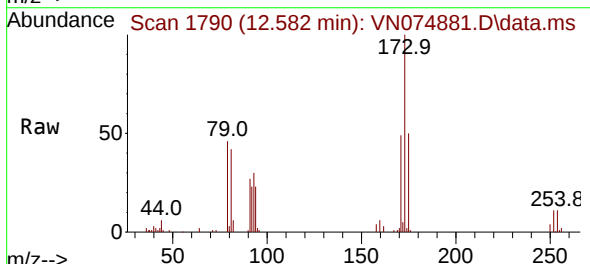
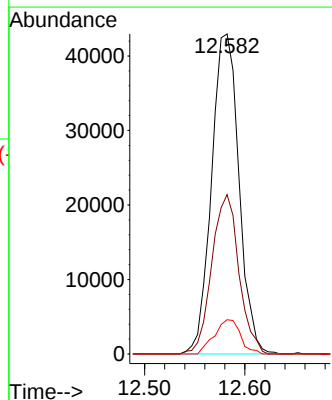
Manual Integrations
APPROVED

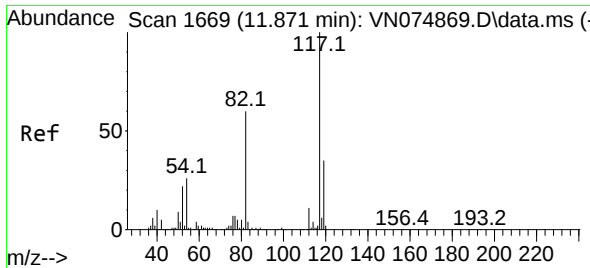
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#56
Bromoform
Concen: 18.643 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.006 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

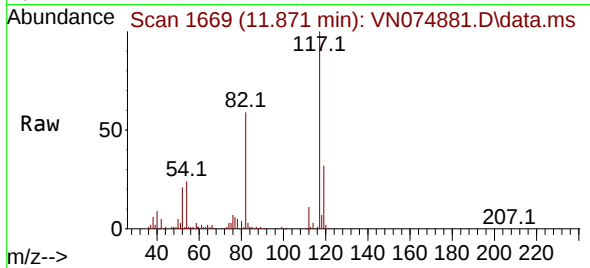
Tgt Ion:173 Resp: 81649
Ion Ratio Lower Upper
173 100
175 49.3 39.1 58.7
254 10.2 7.0 10.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

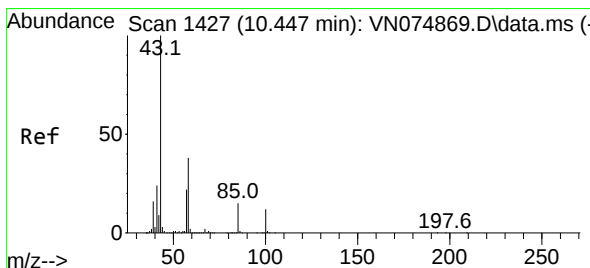
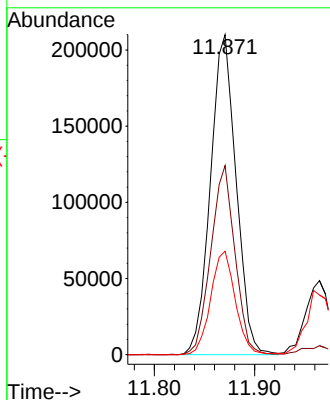
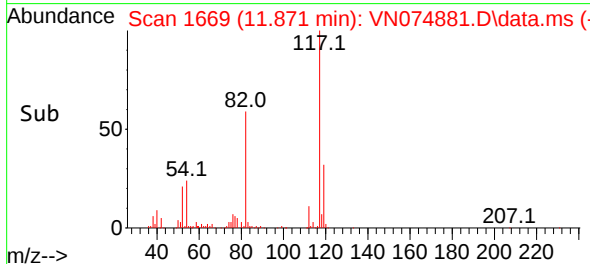
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01



Tgt Ion:117 Resp: 374188
Ion Ratio Lower Upper
117 100
82 55.6 44.6 67.0
119 30.9 25.6 38.4

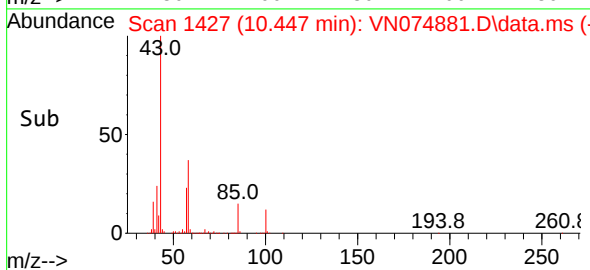
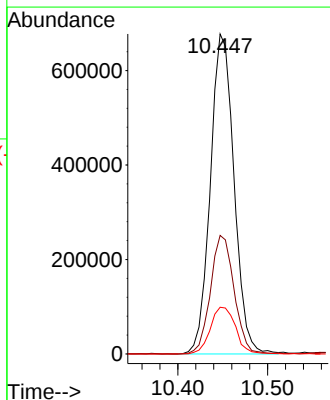
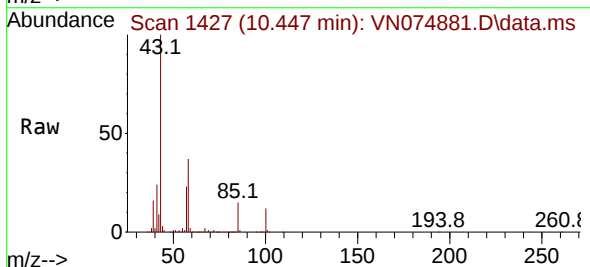
Manual Integrations
APPROVED

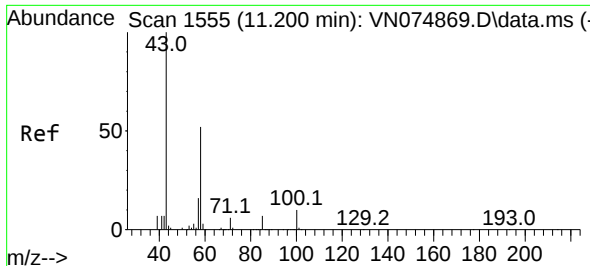
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#58
4-Methyl-2-Pentanone
Concen: 106.718 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

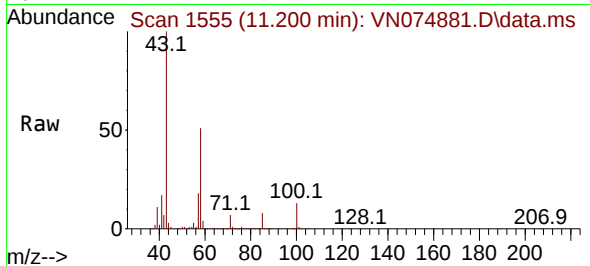
Tgt Ion: 43 Resp: 1241916
Ion Ratio Lower Upper
43 100
58 37.0 30.8 46.2
85 15.5 13.3 19.9





#59
2-Hexanone
Concen: 104.801 ug/l
RT: 11.200 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

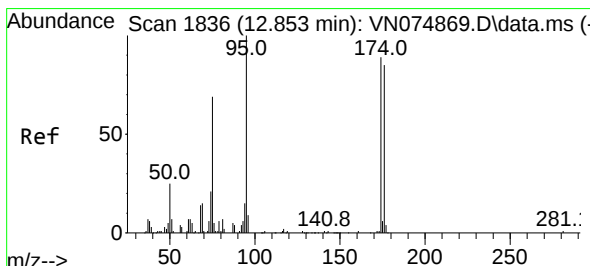
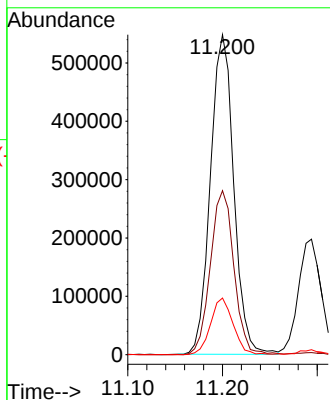
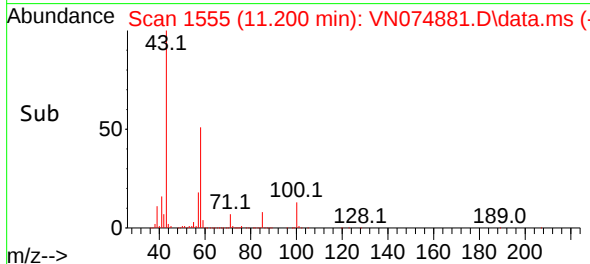
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01



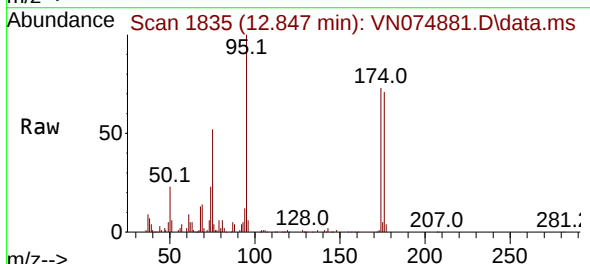
Tgt Ion: 43 Resp: 938608
Ion Ratio Lower Upper
43 100
58 51.3 43.6 65.4
57 17.0 14.3 21.5

Manual Integrations
APPROVED

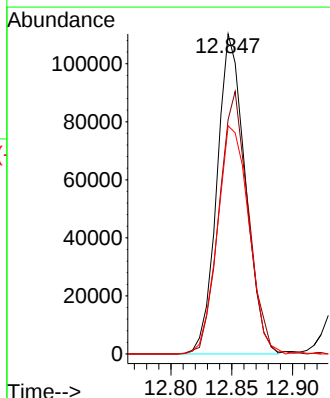
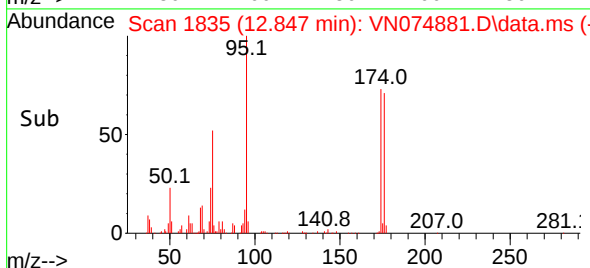
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

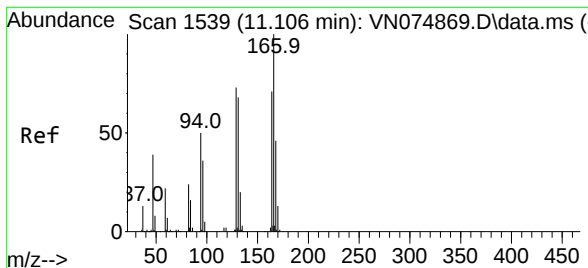


#60
4-Bromofluorobenzene
Concen: 26.930 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33



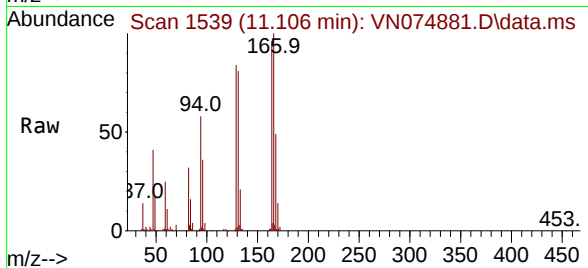
Tgt Ion: 95 Resp: 178699
Ion Ratio Lower Upper
95 100
174 84.6 57.8 86.8
176 79.3 57.0 85.4





#61
Tetrachloroethene
Concen: 20.574 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

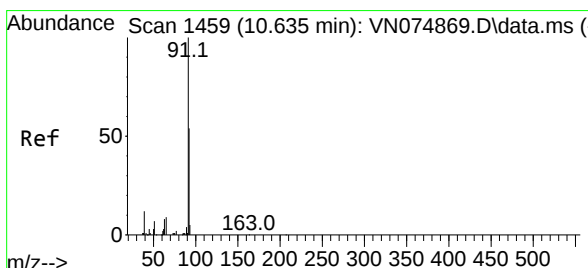
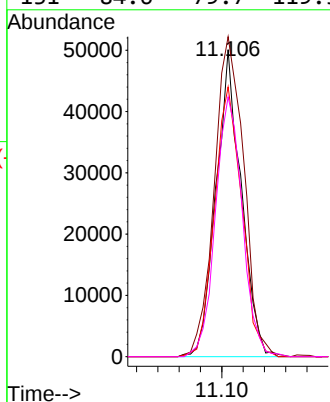
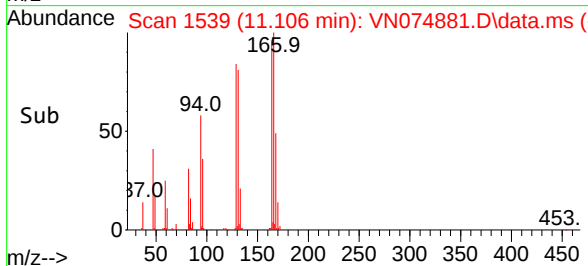
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01



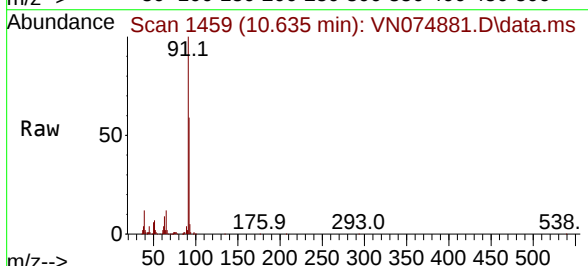
Tgt Ion:164 Resp: 82074
Ion Ratio Lower Upper
164 100
166 104.2 99.6 149.4
129 87.9 84.0 126.0
131 84.6 79.7 119.5

Manual Integrations
APPROVED

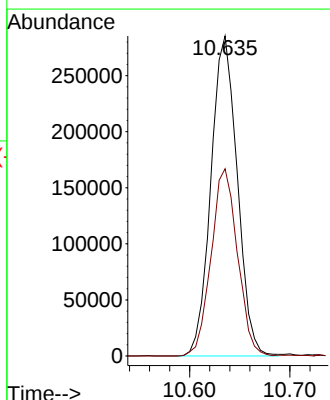
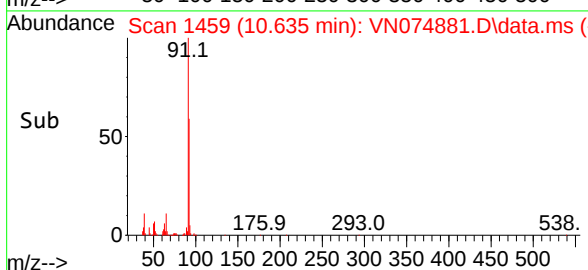
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

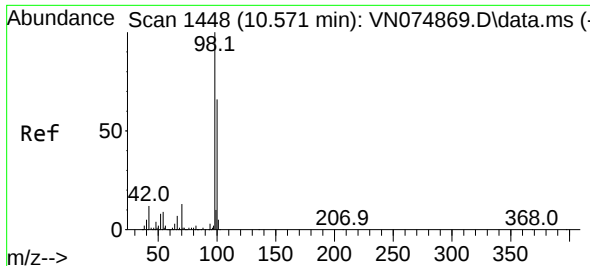


#62
Toluene
Concen: 20.153 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33



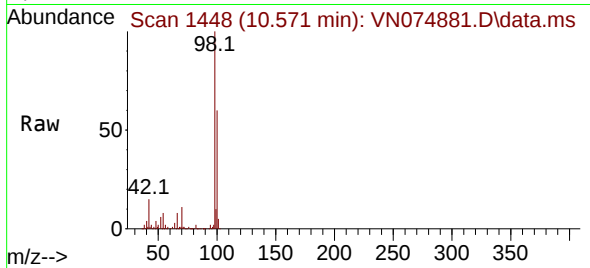
Tgt Ion: 91 Resp: 520983
Ion Ratio Lower Upper
91 100
92 58.5 46.0 69.0





#63
Toluene-d8
Concen: 30.880 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

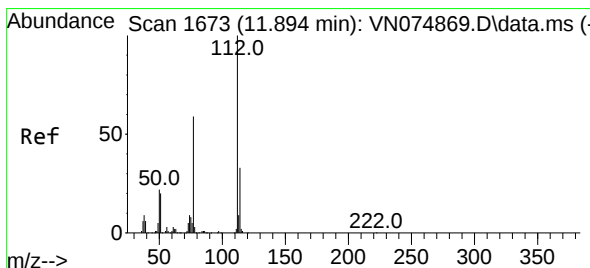
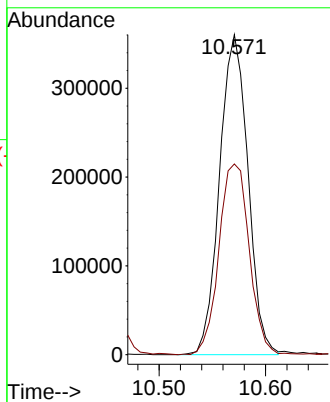
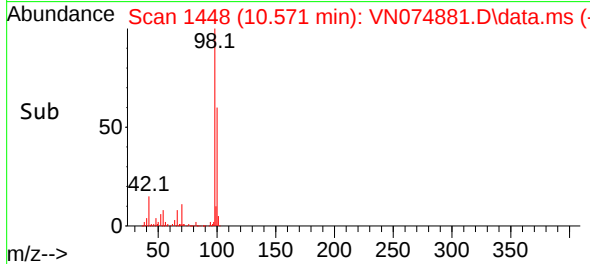
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01



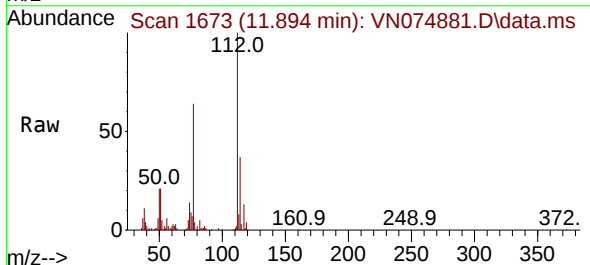
Tgt Ion: 98 Resp: 66689
Ion Ratio Lower Upper
98 100
100 63.5 52.7 79.1

Manual Integrations
APPROVED

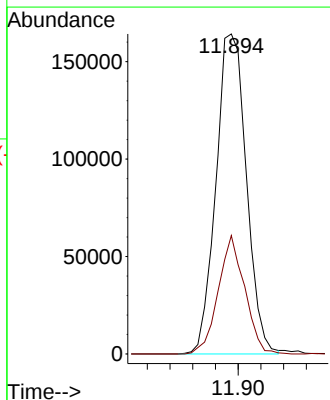
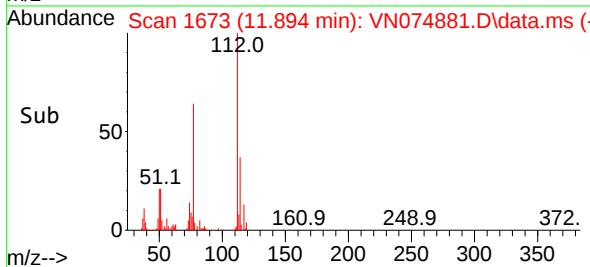
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

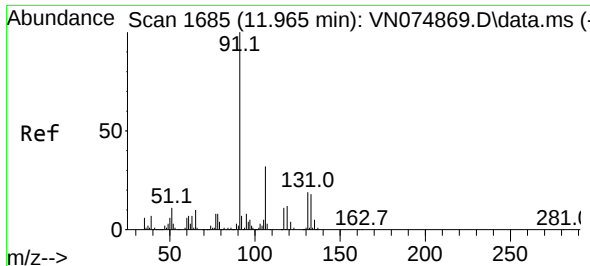


#64
Chlorobenzene
Concen: 20.769 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33



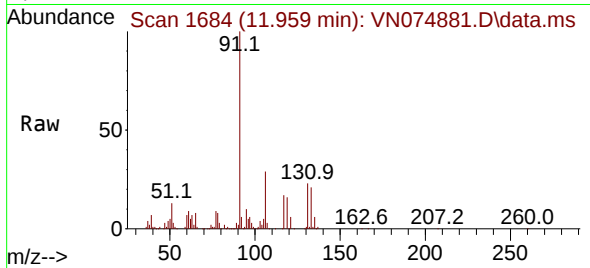
Tgt Ion:112 Resp: 305179
Ion Ratio Lower Upper
112 100
114 37.0 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 20.161 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

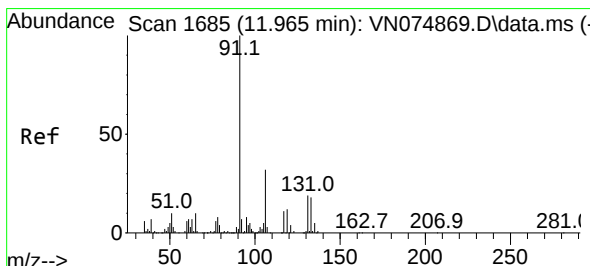
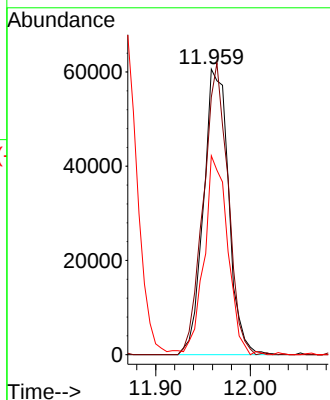
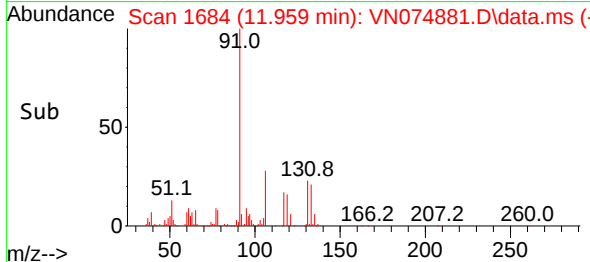
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01



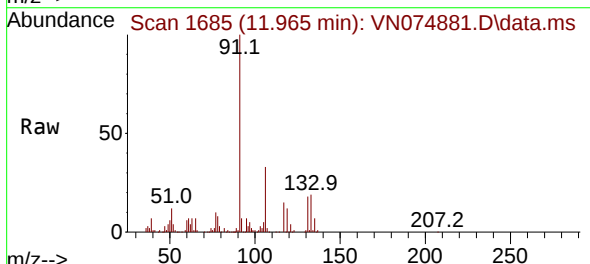
Tgt Ion:131 Resp: 111580
Ion Ratio Lower Upper
131 100
133 99.6 0.0 191.8
119 64.7 0.0 135.8

Manual Integrations
APPROVED

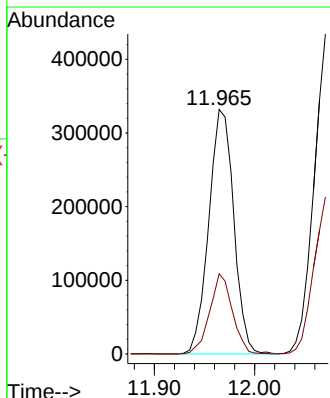
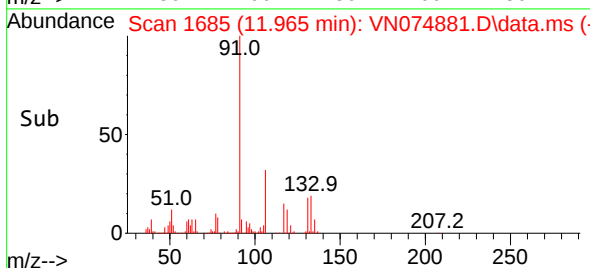
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

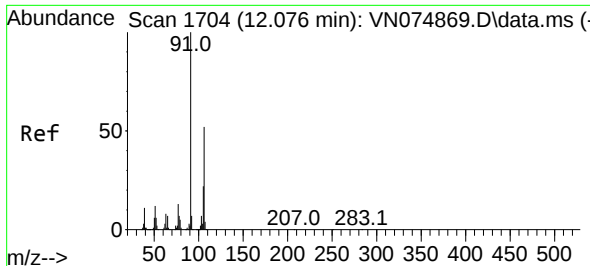


#66
Ethyl Benzene
Concen: 20.401 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33



Tgt Ion: 91 Resp: 573499
Ion Ratio Lower Upper
91 100
106 32.8 24.1 36.1





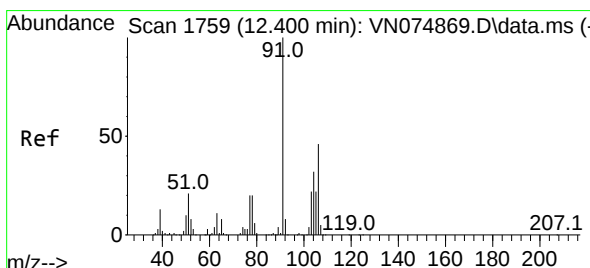
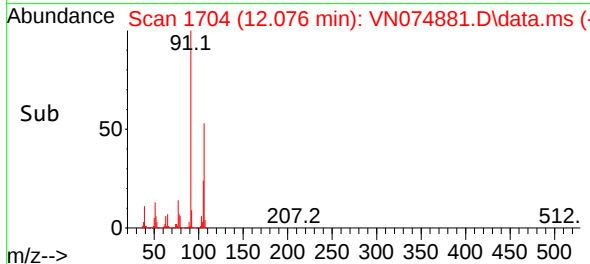
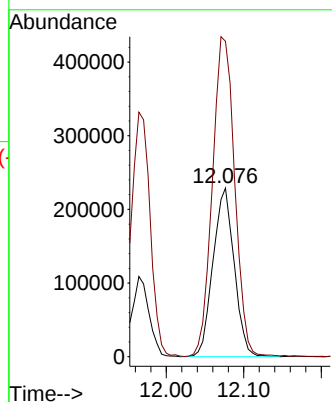
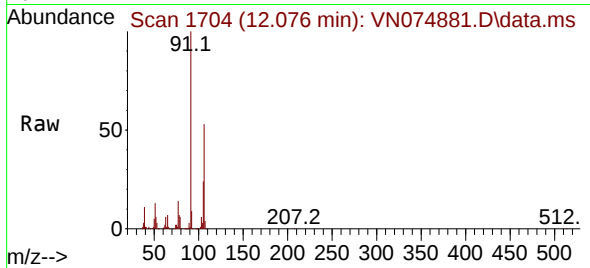
#67
m/p-Xylenes
Concen: 41.200 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01

Tgt Ion:106 Resp: 435102
Ion Ratio Lower Upper
106 100
91 199.8 164.2 246.4

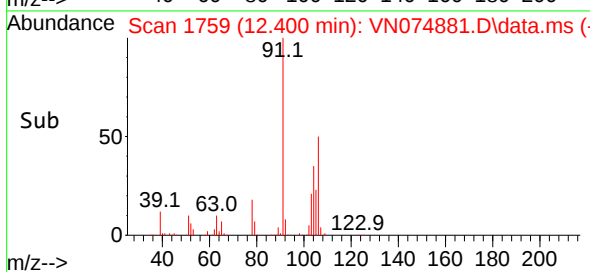
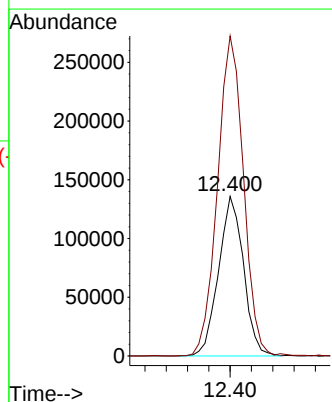
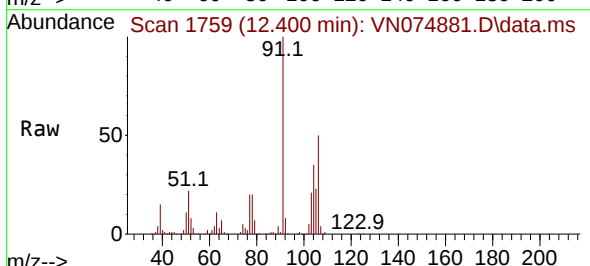
Manual Integrations
APPROVED

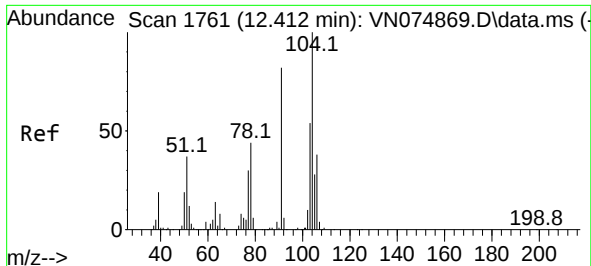
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#68
o-Xylene
Concen: 20.555 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

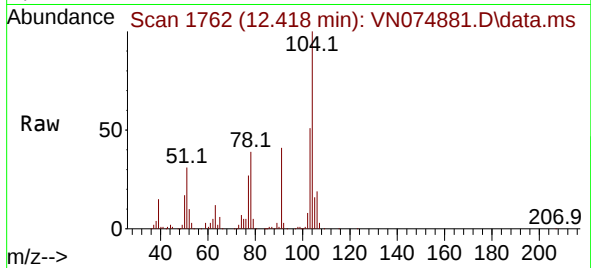
Tgt Ion:106 Resp: 220653
Ion Ratio Lower Upper
106 100
91 208.3 108.5 325.5





#69
Styrene
Concen: 20.173 ug/l
RT: 12.418 min Scan# 1761
Delta R.T. 0.006 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

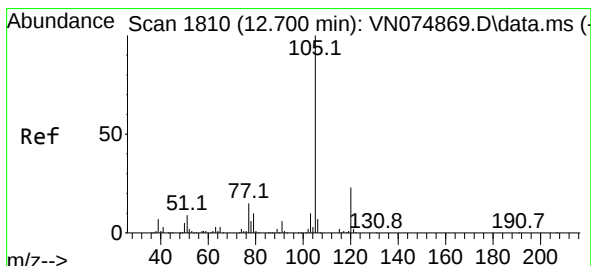
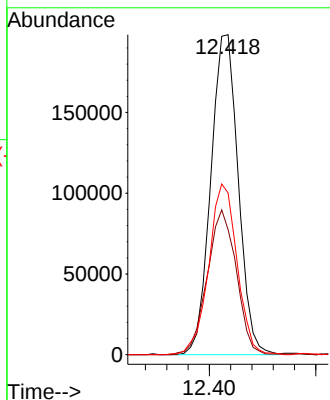
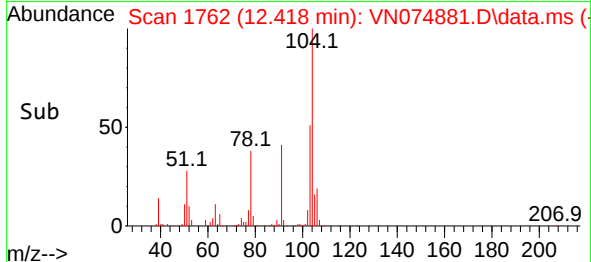
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01



Tgt Ion:104 Resp: 354438
Ion Ratio Lower Upper
104 100
78 47.9 39.9 59.9
103 55.1 43.8 65.8

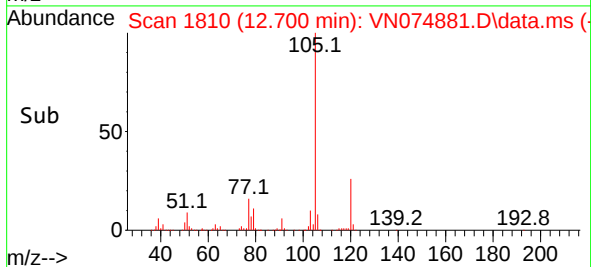
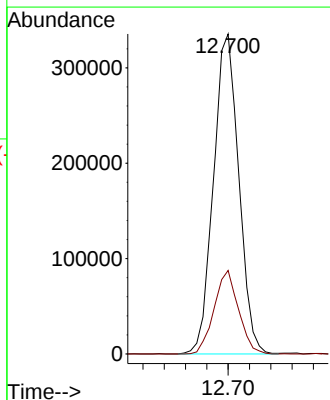
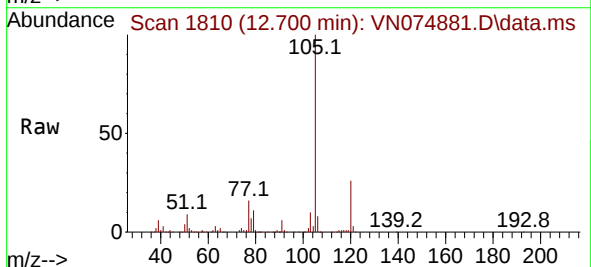
Manual Integrations
APPROVED

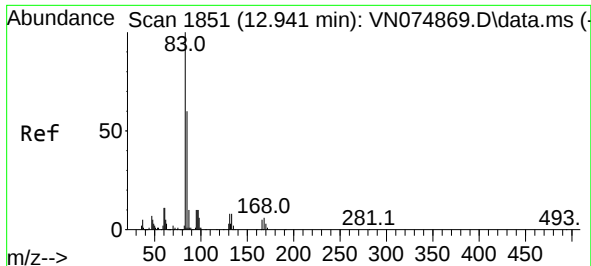
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#70
Isopropylbenzene
Concen: 19.952 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

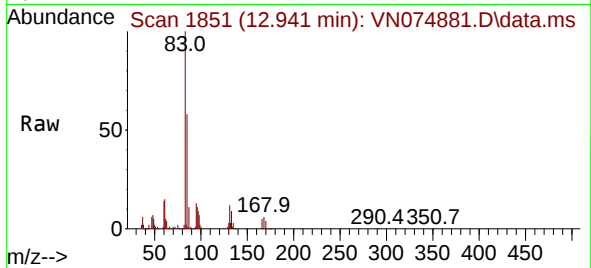
Tgt Ion:105 Resp: 552379
Ion Ratio Lower Upper
105 100
120 25.1 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 21.174 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

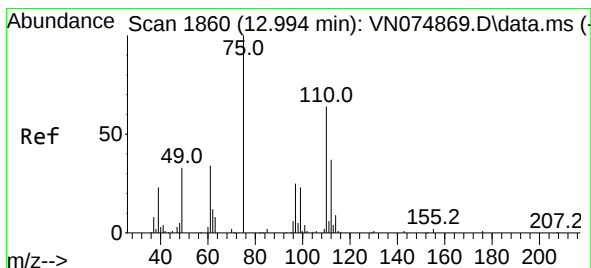
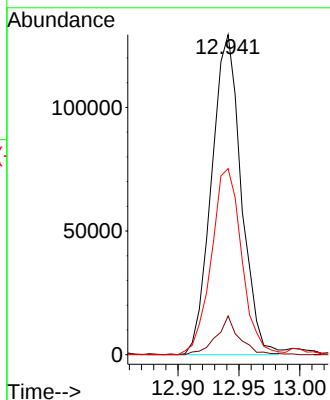
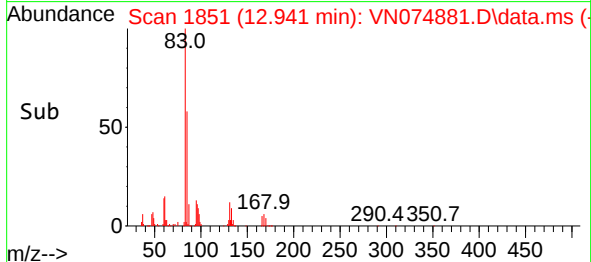
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01



Tgt Ion: 83 Resp: 21928
Ion Ratio Lower Upper
83 100
131 9.4 4.5 13.5
85 59.6 30.9 92.7

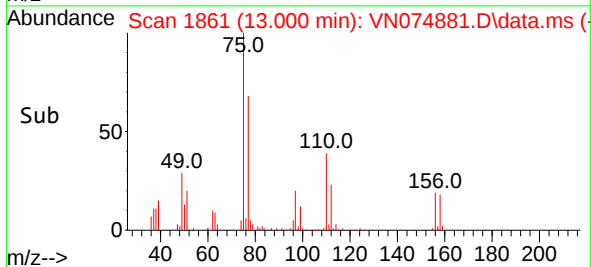
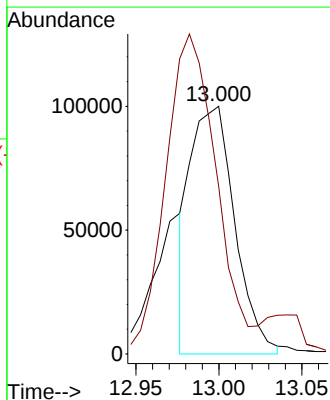
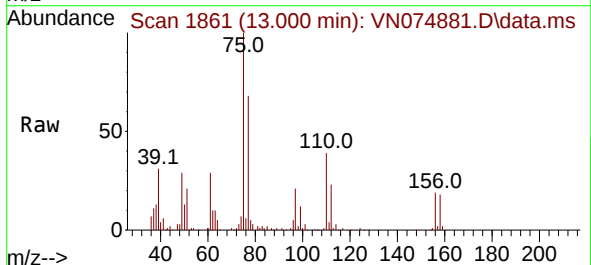
Manual Integrations
APPROVED

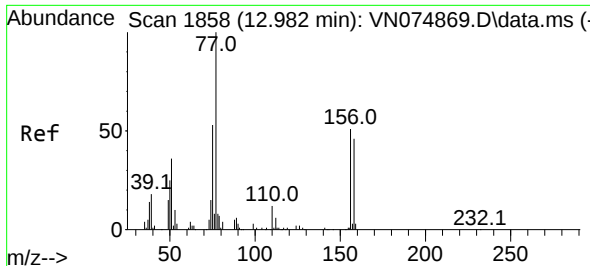
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#72
1,2,3-Trichloropropane
Concen: 21.391 ug/l m
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

Tgt Ion: 75 Resp: 186117
Ion Ratio Lower Upper
75 100
77 146.8 0.0 372.4





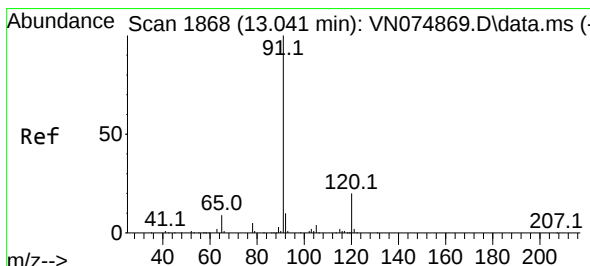
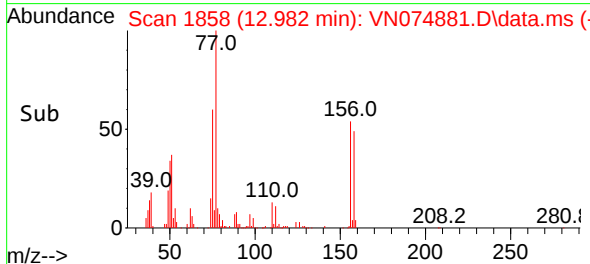
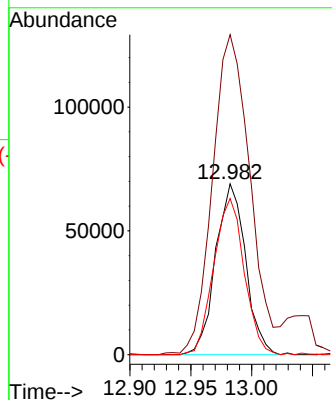
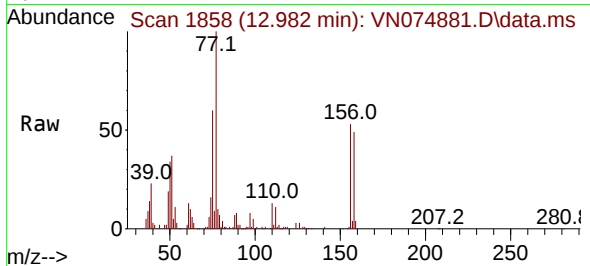
#73
Bromobenzene
Concen: 20.335 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01

Tgt Ion:156 Resp: 11797
Ion Ratio Lower Upper
156 100
77 231.5 0.0 491.8
158 93.0 0.0 185.0

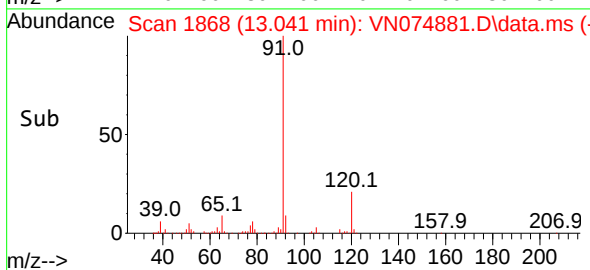
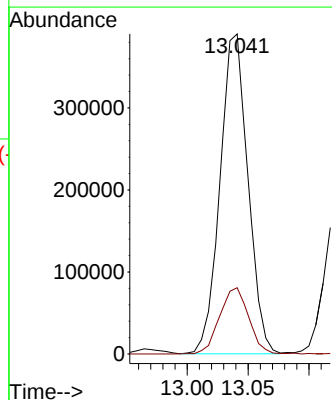
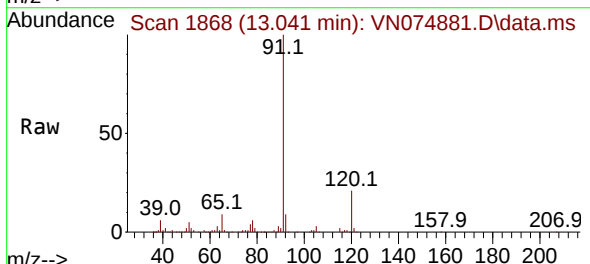
Manual Integrations
APPROVED

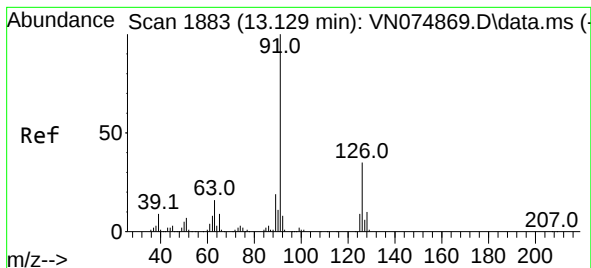
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#74
n-propylbenzene
Concen: 19.310 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

Tgt Ion: 91 Resp: 623329
Ion Ratio Lower Upper
91 100
120 21.4 0.0 44.6





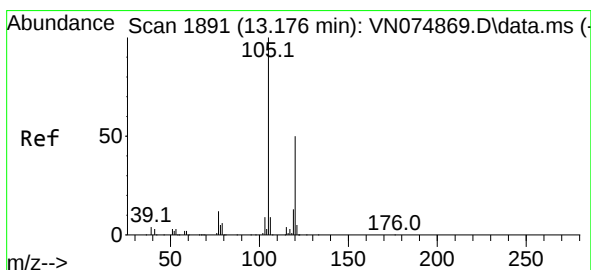
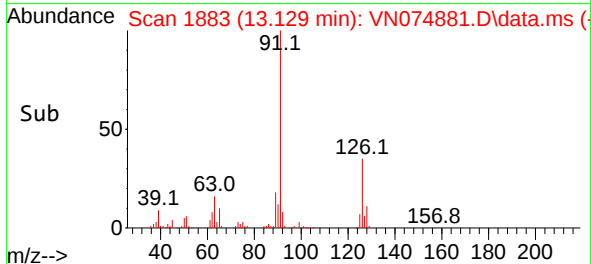
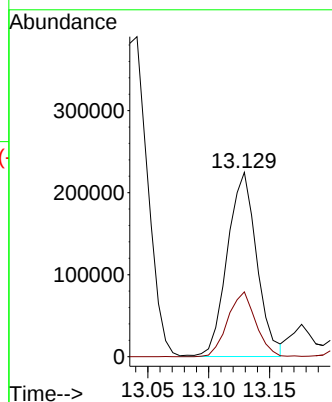
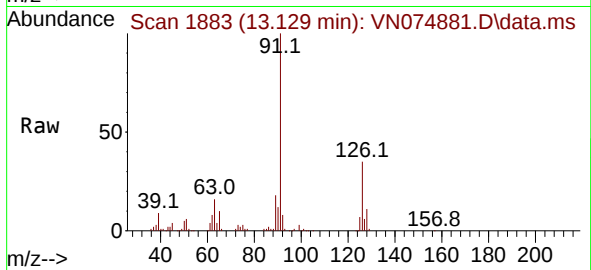
#75
2-Chlorotoluene
Concen: 20.039 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01

Tgt Ion: 91 Resp: 378414
Ion Ratio Lower Upper
91 100
126 33.3 0.0 66.2

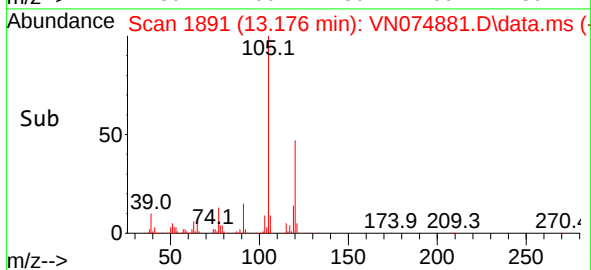
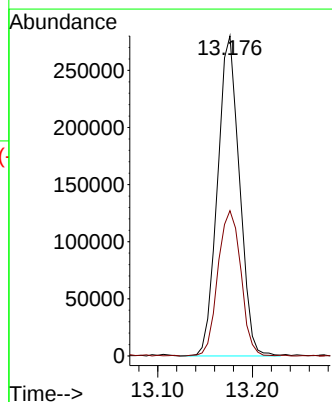
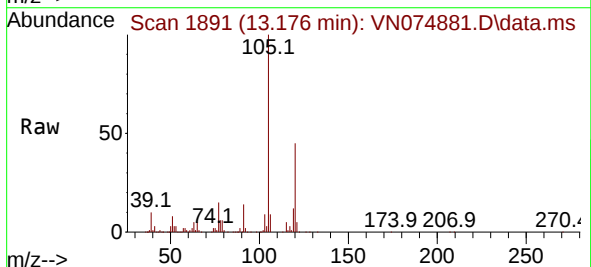
Manual Integrations
APPROVED

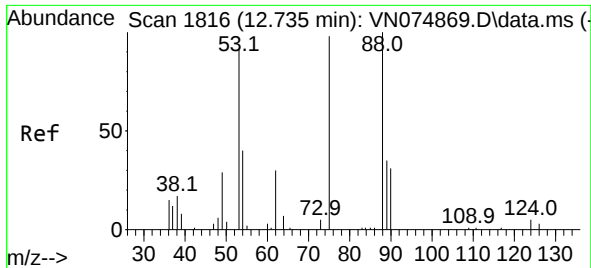
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#76
1,3,5-Trimethylbenzene
Concen: 20.080 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

Tgt Ion:105 Resp: 451773
Ion Ratio Lower Upper
105 100
120 47.4 0.0 97.4





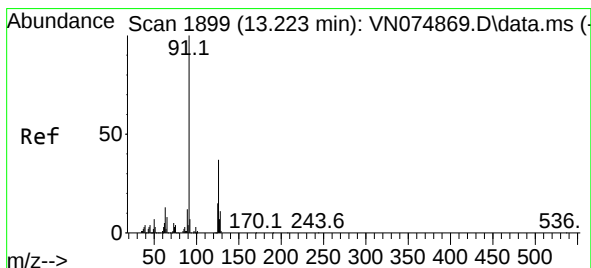
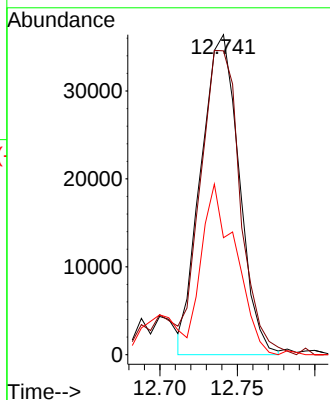
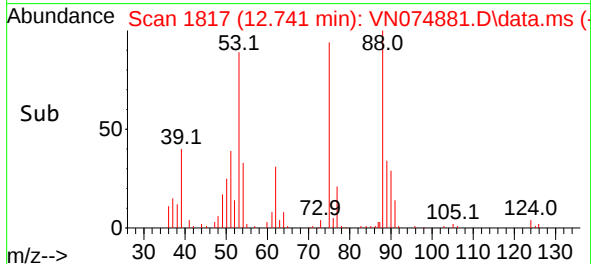
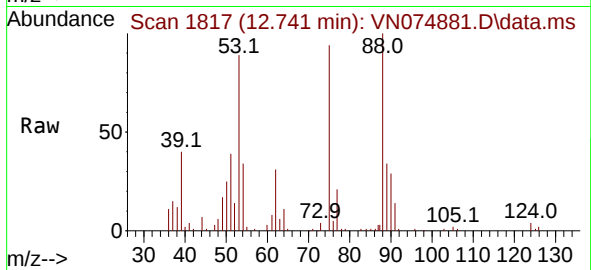
#77
t-1,4-Dichloro-2-butene
Concen: 17.260 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01

Tgt Ion: 75 Resp: 62392
Ion Ratio Lower Upper
75 100
53 93.7 43.3 129.9
89 37.0 21.1 63.1

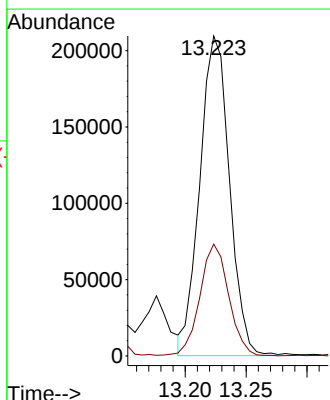
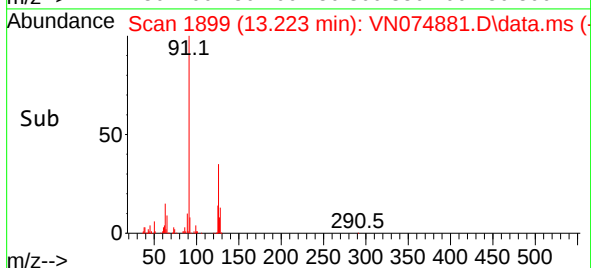
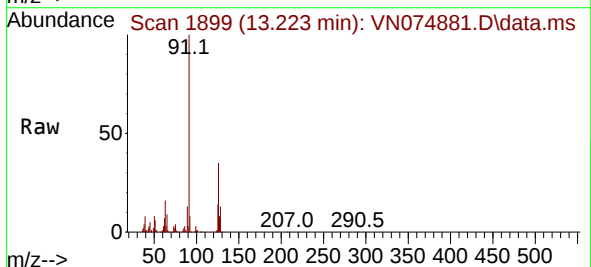
Manual Integrations
APPROVED

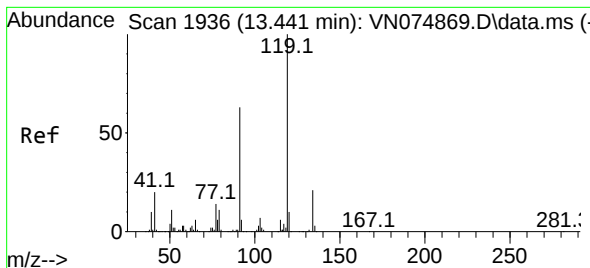
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#78
4-Chlorotoluene
Concen: 19.728 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

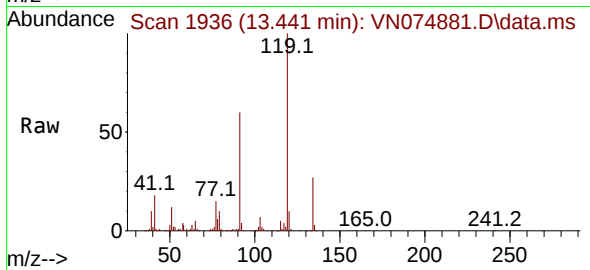
Tgt Ion: 91 Resp: 355504
Ion Ratio Lower Upper
91 100
126 34.0 0.0 67.8





#79
tert-butylbenzene
Concen: 19.733 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

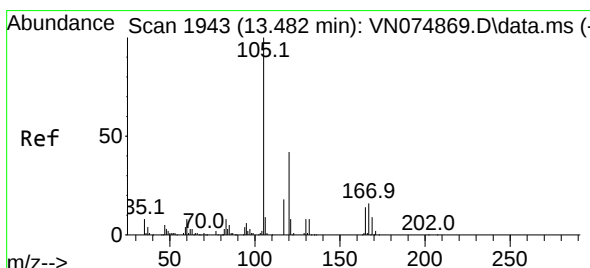
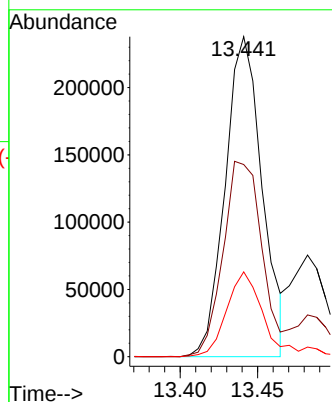
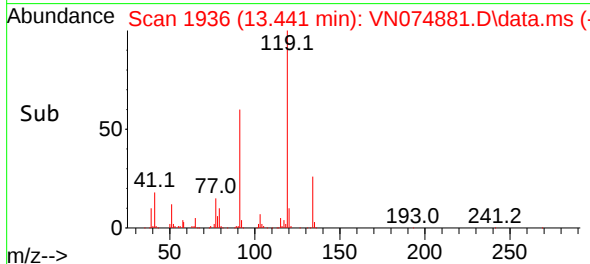
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01



Tgt Ion:119 Resp: 39492
Ion Ratio Lower Upper
119 100
91 63.7 0.0 129.0
134 25.6 0.0 52.2

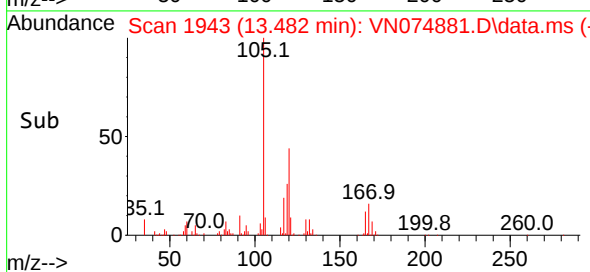
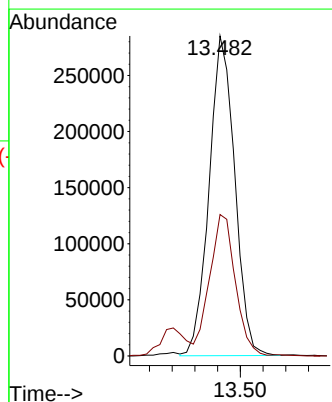
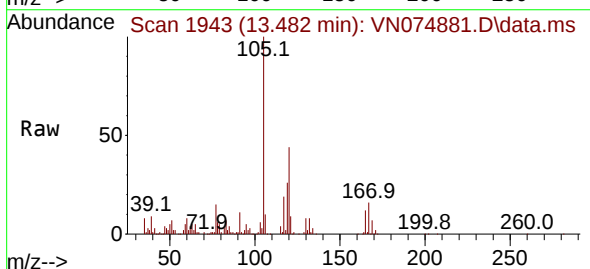
Manual Integrations
APPROVED

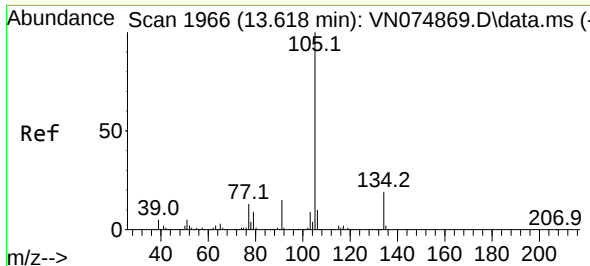
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#80
1,2,4-Trimethylbenzene
Concen: 19.744 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

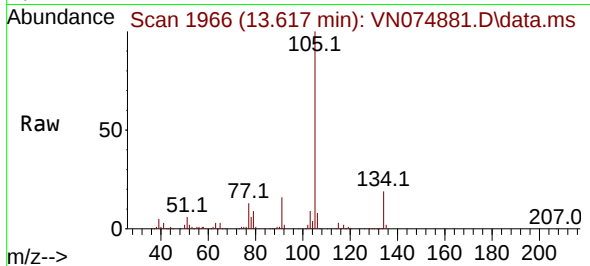
Tgt Ion:105 Resp: 446967
Ion Ratio Lower Upper
105 100
120 44.3 0.0 93.2





#81
 sec-Butylbenzene
 Concen: 19.528 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN074881.D
 Acq: 12 Oct 2022 17:33

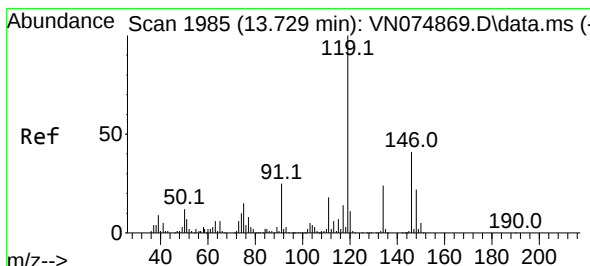
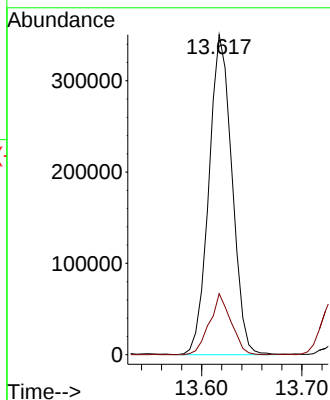
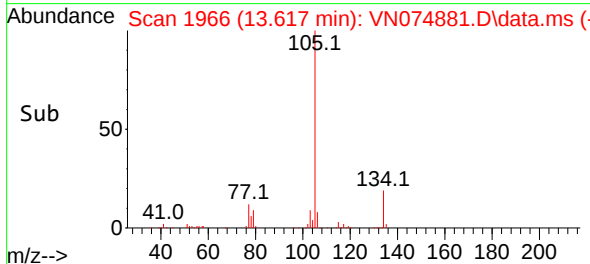
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBSD01



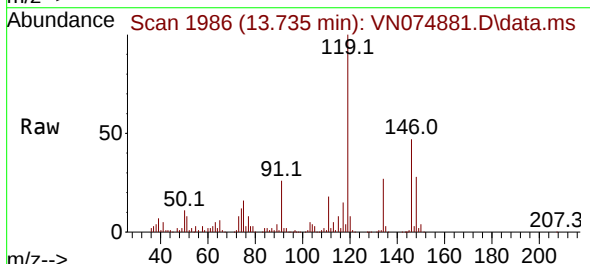
Tgt Ion:105 Resp: 56168
 Ion Ratio Lower Upper
 105 100
 134 17.7 0.0 38.8

Manual Integrations
 APPROVED

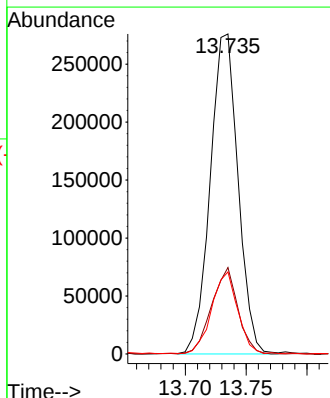
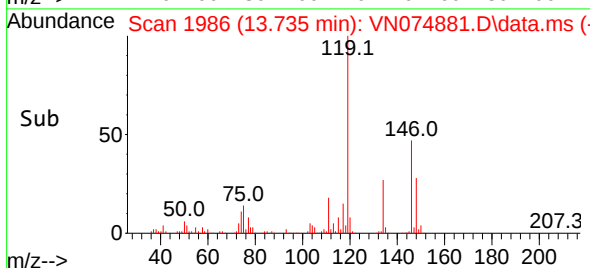
Reviewed By :John Carlone 10/13/2022
 Supervised By :Mahesh Dadoda 10/14/2022

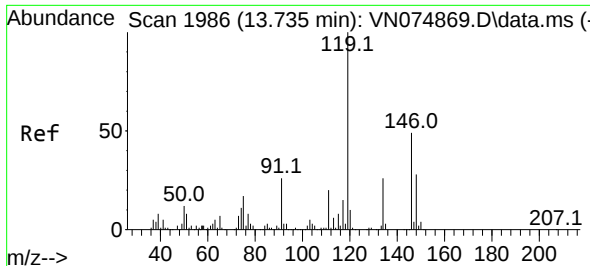


#82
 p-Isopropyltoluene
 Concen: 19.230 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN074881.D
 Acq: 12 Oct 2022 17:33



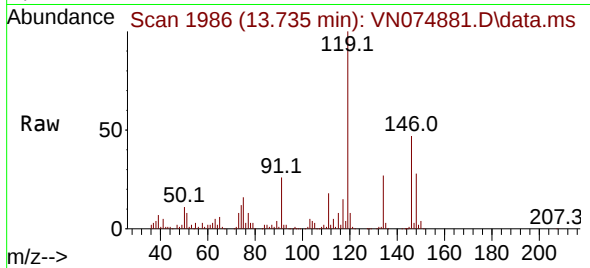
Tgt Ion:119 Resp: 439490
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 51.4
 91 23.9 0.0 46.8





#83
1,3-Dichlorobenzene
Concen: 19.654 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

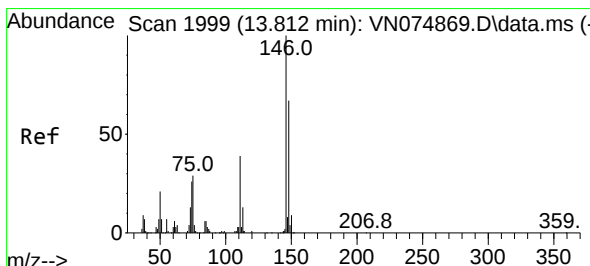
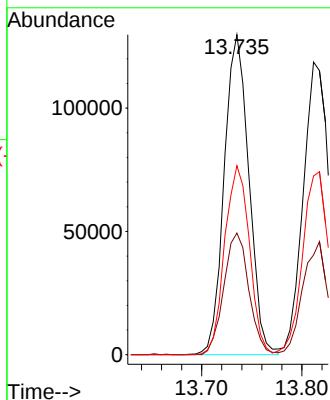
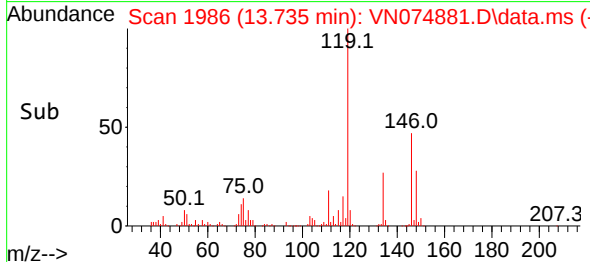
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01



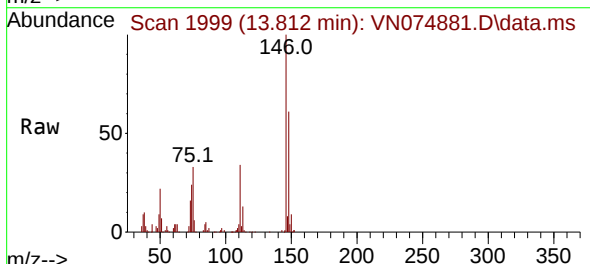
Tgt Ion:146 Resp: 22249
Ion Ratio Lower Upper
146 100
111 38.6 20.5 61.5
148 59.1 31.0 93.0

Manual Integrations
APPROVED

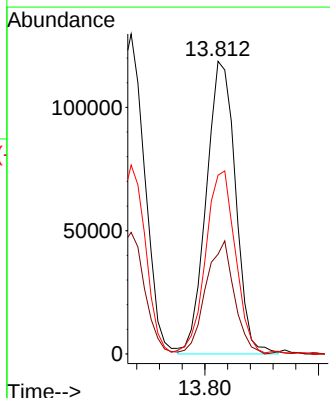
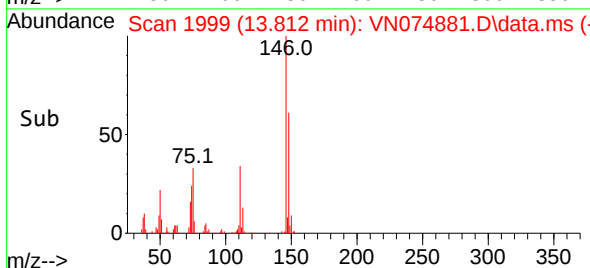
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

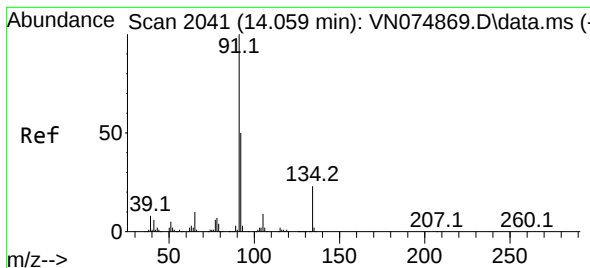


#84
1,4-Dichlorobenzene
Concen: 19.552 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33



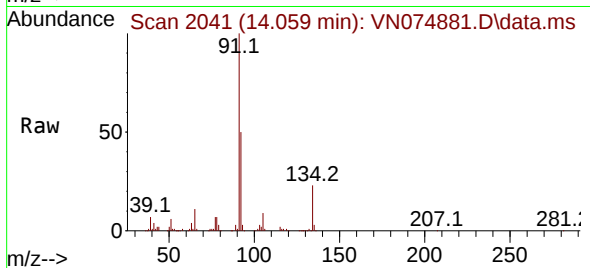
Tgt Ion:146 Resp: 212601
Ion Ratio Lower Upper
146 100
111 37.5 19.1 57.5
148 63.8 31.7 95.1





#85
n-Butylbenzene
Concen: 18.396 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

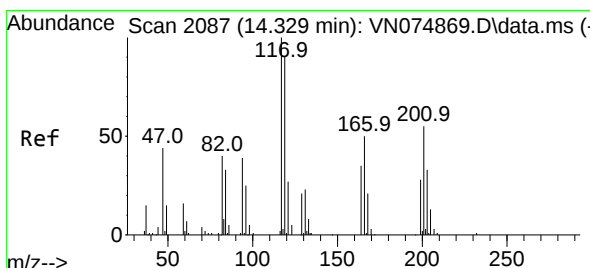
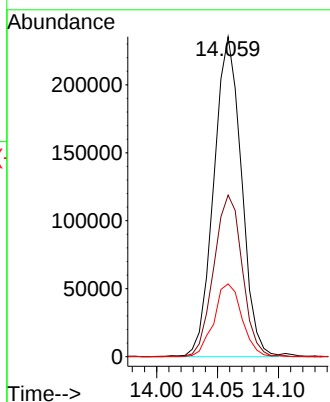
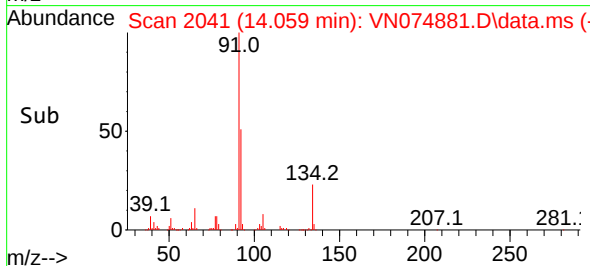
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01



Tgt Ion: 91 Resp: 371094
Ion Ratio Lower Upper
91 100
92 51.8 0.0 105.4
134 23.2 0.0 46.4

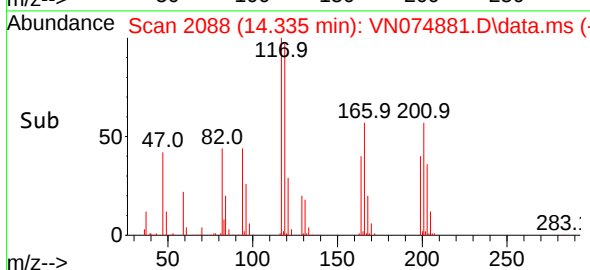
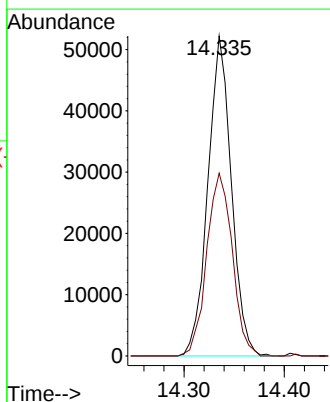
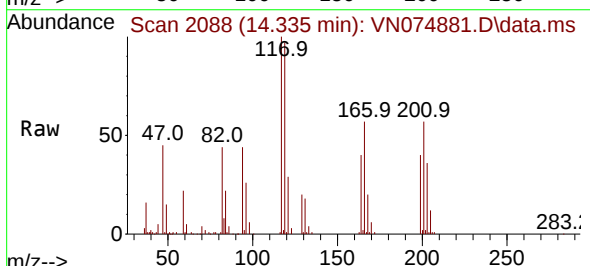
Manual Integrations
APPROVED

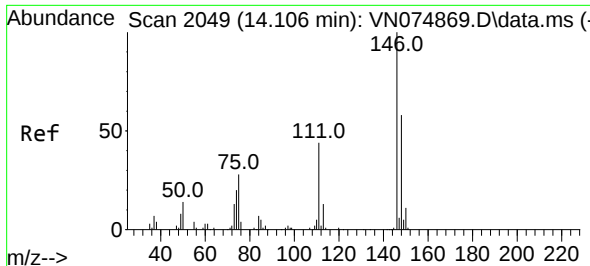
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#86
Hexachloroethane
Concen: 18.954 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.006 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

Tgt Ion:117 Resp: 84833
Ion Ratio Lower Upper
117 100
201 62.2 29.4 88.3





#87

1,2-Dichlorobenzene

Concen: 20.358 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN074881.D

Acq: 12 Oct 2022 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBSD01

Tgt Ion:146 Resp: 22882

Ion Ratio Lower Upper

146 100

111 40.5 21.4 64.2

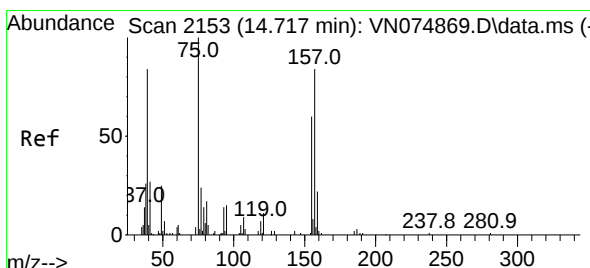
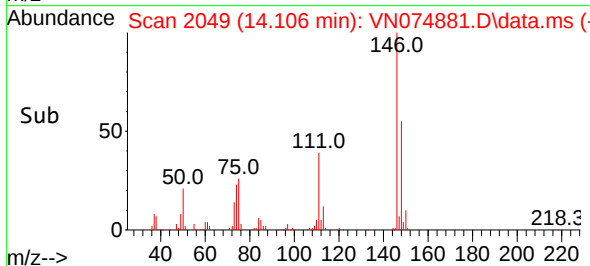
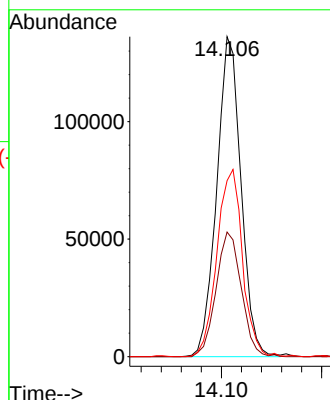
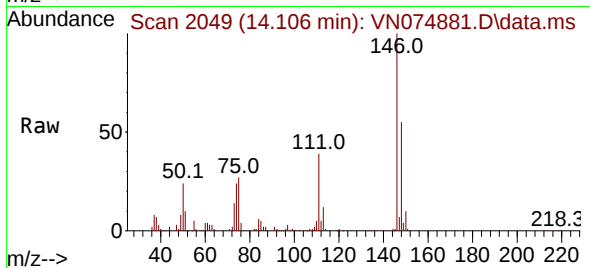
148 61.3 30.6 92.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.560 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. 0.006 min

Lab File: VN074881.D

Acq: 12 Oct 2022 17:33

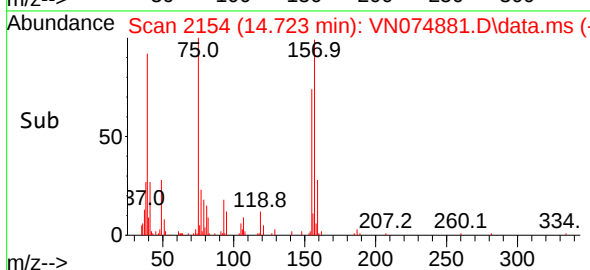
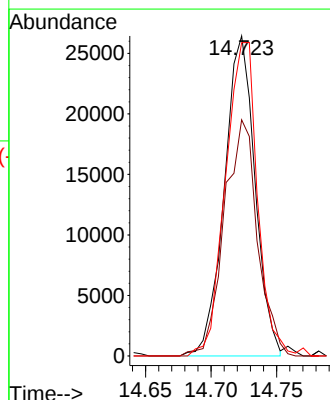
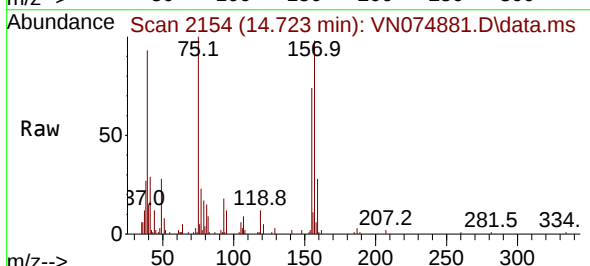
Tgt Ion: 75 Resp: 42975

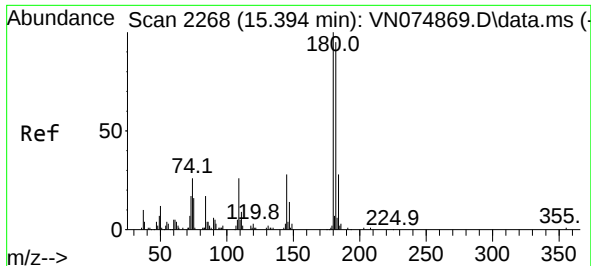
Ion Ratio Lower Upper

75 100

155 79.2 66.3 99.5

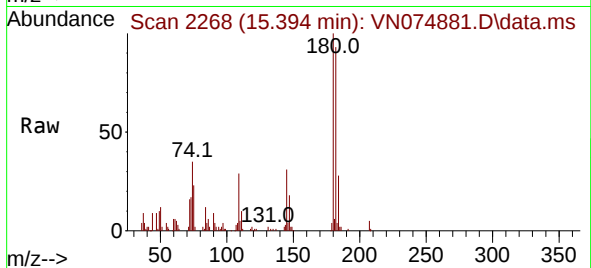
157 102.4 84.3 126.5





#89
1,2,4-Trichlorobenzene
Concen: 19.361 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

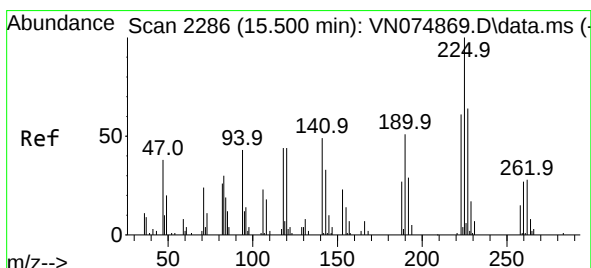
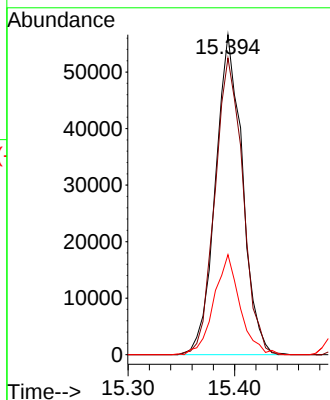
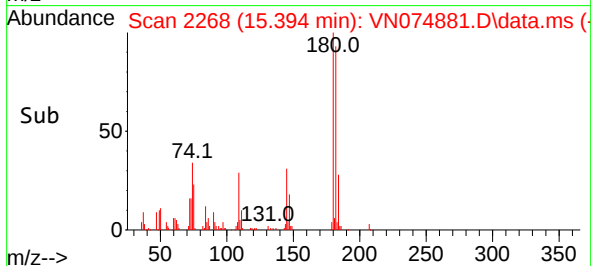
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01



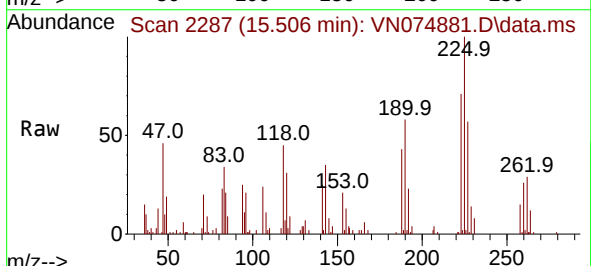
Tgt Ion:180 Resp: 99389
Ion Ratio Lower Upper
180 100
182 95.8 74.9 112.3
145 29.9 26.3 39.5

Manual Integrations
APPROVED

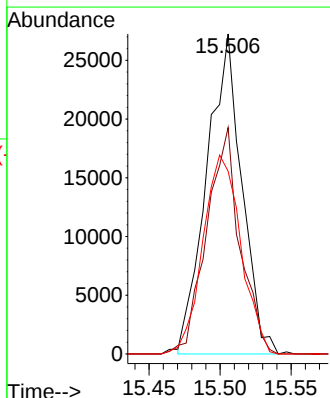
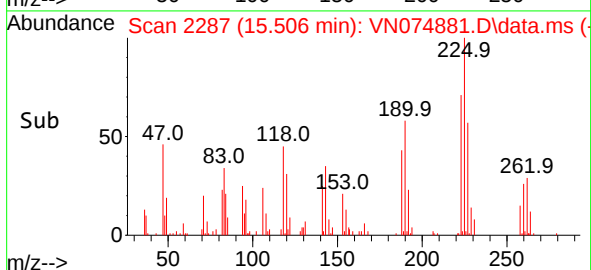
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

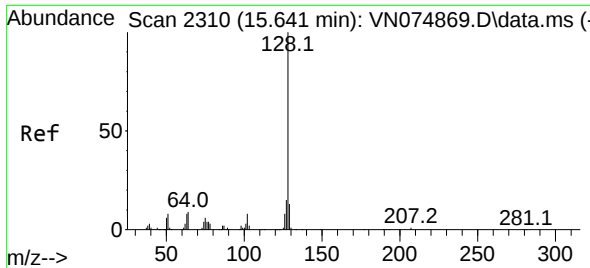


#90
Hexachlorobutadiene
Concen: 18.680 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.006 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33



Tgt Ion:225 Resp: 46756
Ion Ratio Lower Upper
225 100
223 67.2 0.0 125.0
227 67.4 0.0 123.0





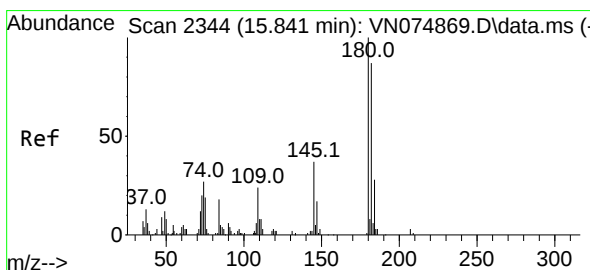
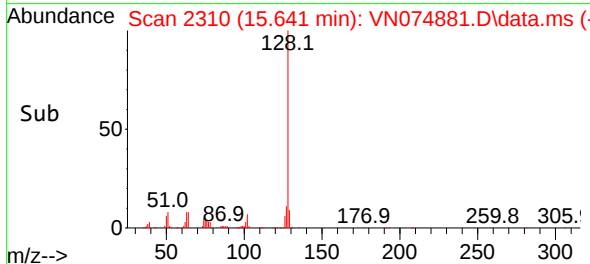
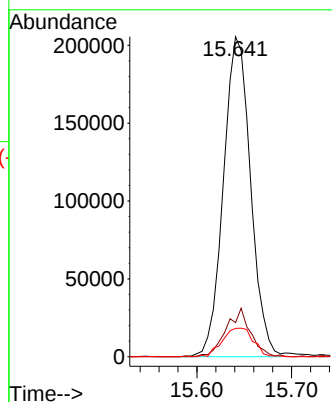
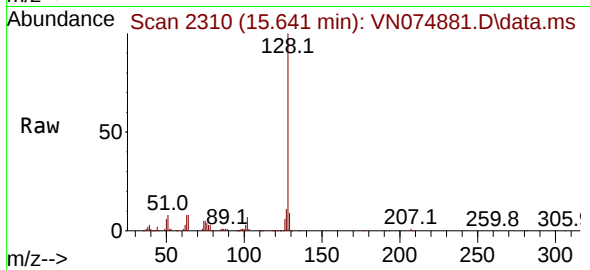
#91
Naphthalene
Concen: 20.116 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01

Tgt Ion:128 Resp: 40976
Ion Ratio Lower Upper
128 100
127 13.6 10.7 16.1
129 10.0 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#92
1,2,3-Trichlorobenzene
Concen: 18.437 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN074881.D
Acq: 12 Oct 2022 17:33

Tgt Ion:180 Resp: 99009
Ion Ratio Lower Upper
180 100
182 98.7 0.0 185.4
145 34.7 0.0 68.6

