

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101222\
 Data File : VN074872.D
 Acq On : 12 Oct 2022 12:14
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 13 07:18:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 13 07:11:44 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	7.830	128	102975	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	556800	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	535805	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	272310	28.246	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	94.167%		
60) 4-Bromofluorobenzene	12.853	95	312048	32.841	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	109.467%		
63) Toluene-d8	10.570	98	914568	29.575	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.567%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	776100	135.722	ug/l	96
3) Chloromethane	2.377	50	1124325	121.574	ug/l	99
4) Vinyl Chloride	2.530	62	1692693	124.295	ug/l	98
5) Bromomethane	2.924	94	1389689	128.705	ug/l	93
6) Chloroethane	3.100	64	1227791	113.142	ug/l #	88
7) Trichlorofluoromethane	3.494	101	1327564	130.765	ug/l	94
8) Diethyl Ether	3.983	74	661236	139.621	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	853482	133.640	ug/l	97
10) 1,1-Dichloroethene	4.347	96	849272	134.732	ug/l #	87
11) Methyl Iodide	4.606	142	1135351	144.886	ug/l	93
12) Methyl Acetate	5.047	43	1912962	126.289	ug/l	96
13) Acrolein	4.200	56	1460706	682.509	ug/l	100
14) Acrylonitrile	5.741	53	3981062	704.689	ug/l	99
15) Acetone	4.453	58	1009747	651.226	ug/l	99
16) Carbon Disulfide	4.724	76	2332782	144.579	ug/l	97
17) Allyl chloride	5.041	41	1614603	126.192	ug/l	94
18) Methylene Chloride	5.294	84	1096347	134.666	ug/l	94
19) trans-1,2-Dichloroethene	5.800	96	1001689	145.203	ug/l	98
20) Diisopropyl ether	6.688	45	4214008	144.275	ug/l	98
21) 1,1-Dichloroethane	6.583	63	2086179	140.434	ug/l	98
22) cis-1,2-Dichloroethene	7.500	96	1227668	142.113	ug/l	97
23) tert-Butyl Alcohol	5.559	59	1536032	648.611	ug/l #	100
24) Methyl tert-Butyl Ether	5.818	73	3776282	143.880	ug/l	98
25) Chloroform	7.977	83	2093002	141.839	ug/l	99
26) Cyclohexane	8.265	56	1855882	142.181	ug/l #	100
29) 1,1-Dichloropropene	8.377	75	1515658	150.864	ug/l	95
30) 2-Butanone	7.500	43	5588686	697.200	ug/l	100
31) 2,2-Dichloropropane	7.500	77	1825163	148.581	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	1821737	151.206	ug/l	99
33) Carbon Tetrachloride	8.371	117	1491043	150.460	ug/l	97
34) Benzene	8.612	78	4760629	143.355	ug/l #	91
35) Methacrylonitrile	7.788	41	1177754	142.961	ug/l	95
36) 1,2-Dichloroethane	8.677	62	1662481	150.330	ug/l	99
37) Trichloroethene	9.353	130	1002734	145.189	ug/l	90
38) Methylcyclohexane	9.606	83	1861417	152.514	ug/l	99
39) 1,2-Dichloropropane	9.623	63	1255574	145.847	ug/l	99
40) Dibromomethane	9.712	93	829894	145.474	ug/l	97
41) Bromodichloromethane	9.894	83	1677923	151.028	ug/l #	98
42) Vinyl Acetate	6.618	43	18935318m	808.781	ug/l	

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 VSTDICC150

Manual Integrations
 APPROVED

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

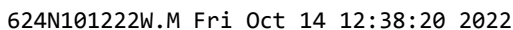
Quant Time: Oct 13 07:18:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 13 07:11:44 2022
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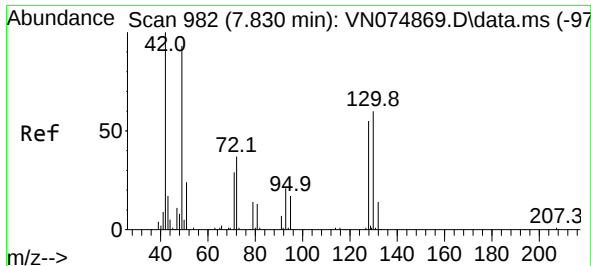
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.577	43	2232057	141.938	ug/l	95
44) Isopropyl Acetate	8.700	43	3549730	147.289	ug/l	98
45) 1,4-Dioxane	9.700	88	612876	2773.246	ug/l	98
46) Methyl methacrylate	9.688	41	1607339	153.992	ug/l	94
47) n-amyl Acetate	12.500	43	3463292	164.237	ug/l	99
48) t-1,3-Dichloropropene	10.841	75	2018882	157.860	ug/l	97
49) cis-1,3-Dichloropropene	10.318	75	2076304	153.609	ug/l	92
50) 1,1,2-Trichloroethane	11.018	97	1217735	145.057	ug/l	95
51) Ethyl methacrylate	10.876	69	2232695	156.402	ug/l	93
52) 1,3-Dichloropropane	11.165	76	2117347	146.125	ug/l	99
53) Dibromochloromethane	11.365	129	1305436	158.720	ug/l	96
54) 1,2-Dibromoethane	11.470	107	1250158	154.998	ug/l	98
55) 2-Chloroethyl vinyl ether	10.165	63	4350090	779.046	ug/l	98
56) Bromoform	12.582	173	1018248	171.802	ug/l	99
58) 4-Methyl-2-Pentanone	10.453	43	11934834	716.221	ug/l	99
59) 2-Hexanone	11.200	43	9161121	714.353	ug/l	99
61) Tetrachloroethene	11.106	164	808426	141.527	ug/l	95
62) Toluene	10.635	91	5450162	147.232	ug/l	99
64) Chlorobenzene	11.894	112	3142287	149.342	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.965	131	1152364	145.407	ug/l	100
66) Ethyl Benzene	11.965	91	6108945	151.763	ug/l	100
67) m/p-Xylenes	12.070	106	4678799	309.402	ug/l	100
68) o-Xylene	12.400	106	2378180	154.715	ug/l	99
69) Styrene	12.412	104	4145374	164.769	ug/l	100
70) Isopropylbenzene	12.700	105	6351387	160.210	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	2124155	143.236	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	1882775m	156.110	ug/l	
73) Bromobenzene	12.982	156	1272410	153.163	ug/l	96
74) n-propylbenzene	13.041	91	7454788	161.282	ug/l	98
75) 2-Chlorotoluene	13.129	91	4237140	156.698	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	5182534	160.869	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	823840	159.158	ug/l	96
78) 4-Chlorotoluene	13.223	91	4259063	160.003	ug/l	98
79) tert-butylbenzene	13.441	119	4510820	157.405	ug/l	96
80) 1,2,4-Trimethylbenzene	13.482	105	5293751	163.311	ug/l	94
81) sec-Butylbenzene	13.617	105	6728747	163.374	ug/l	98
82) p-Isopropyltoluene	13.729	119	5523210	168.778	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	2620509	161.657	ug/l	98
84) 1,4-Dichlorobenzene	13.811	146	2544381	163.413	ug/l	99
85) n-Butylbenzene	14.059	91	5157190	178.536	ug/l	99
86) Hexachloroethane	14.335	117	1019048	159.004	ug/l	97
87) 1,2-Dichlorobenzene	14.106	146	2655394	164.982	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	452522	151.192	ug/l	98
89) 1,2,4-Trichlorobenzene	15.394	180	1304615	177.480	ug/l	99
90) Hexachlorobutadiene	15.505	225	558162	155.736	ug/l	97
91) Naphthalene	15.641	128	5134362	176.031	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	1279016	166.330	ug/l	98

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

Manual Integrations

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101222W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Oct 13 07:11:44 2022
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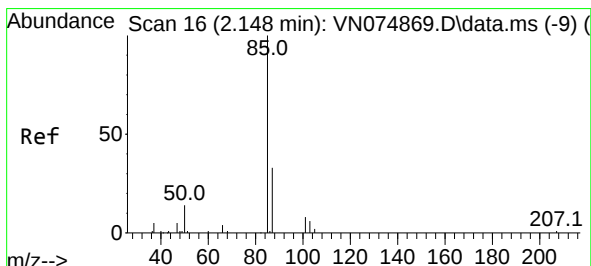
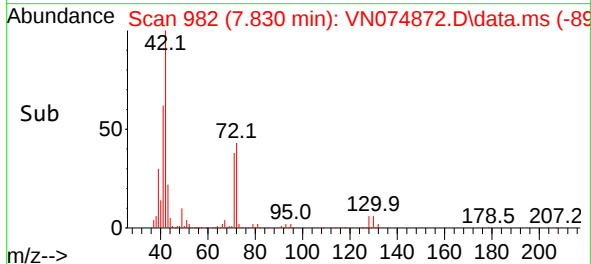
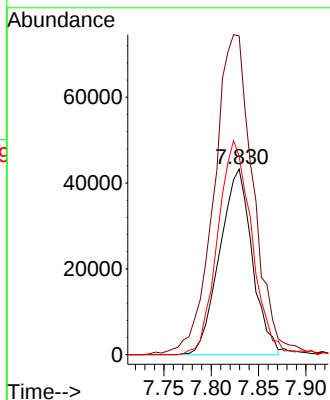
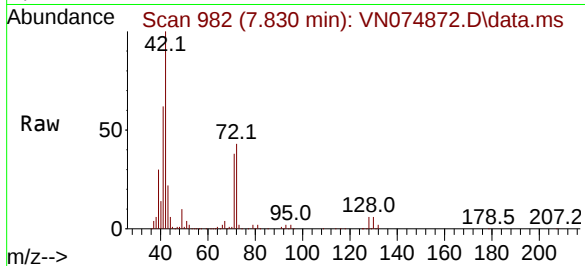
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.830 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 10297
Ion Ratio Lower Upper
128 100
49 209.4 0.0 492.0
130 120.9 0.0 313.3

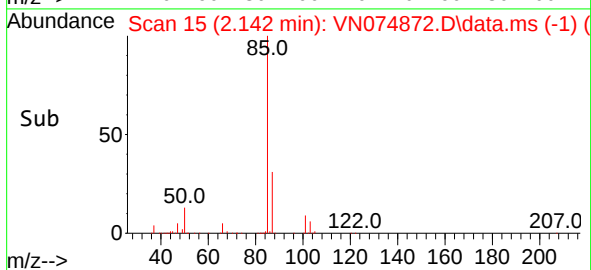
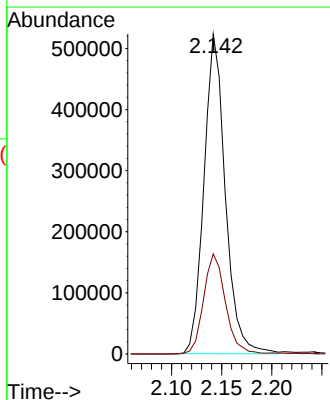
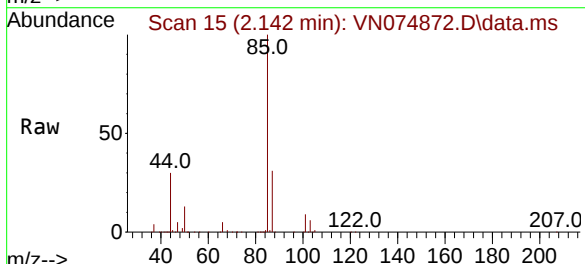
Manual Integrations
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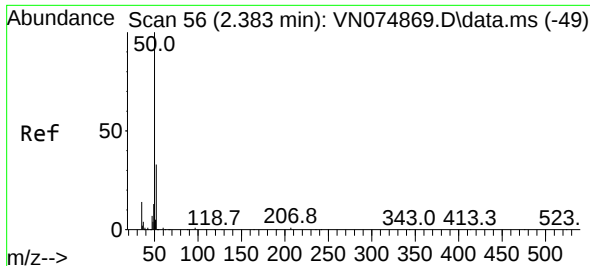
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#2
Dichlorodifluoromethane
Concen: 135.722 ug/l
RT: 2.142 min Scan# 15
Delta R.T. -0.006 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

Tgt Ion: 85 Resp: 776100
Ion Ratio Lower Upper
85 100
87 31.3 16.7 50.1





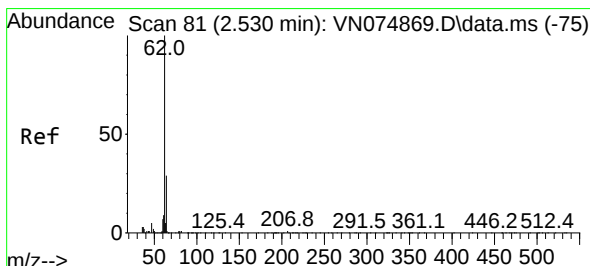
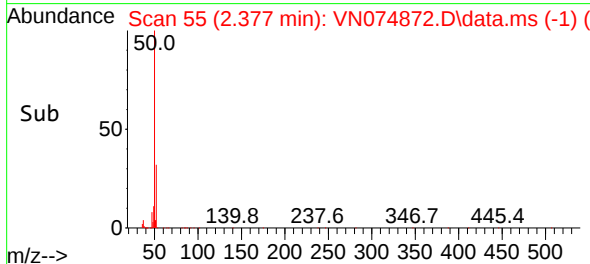
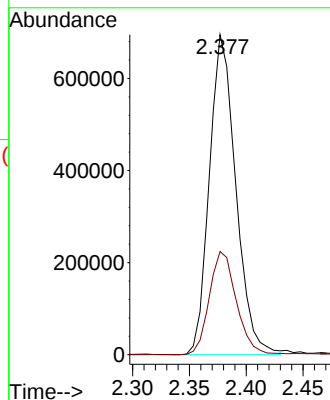
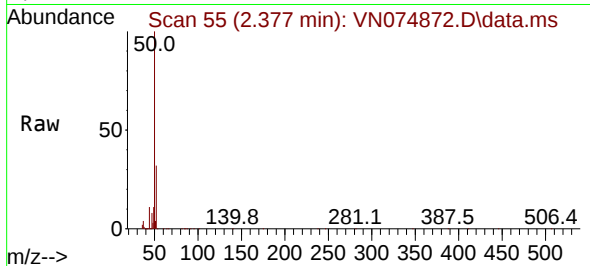
#3
Chloromethane
Concen: 121.574 ug/l
RT: 2.377 min Scan# 50
Delta R.T. -0.006 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 50 Resp: 112432
Ion Ratio Lower Upper
50 100
52 32.2 25.5 38.3

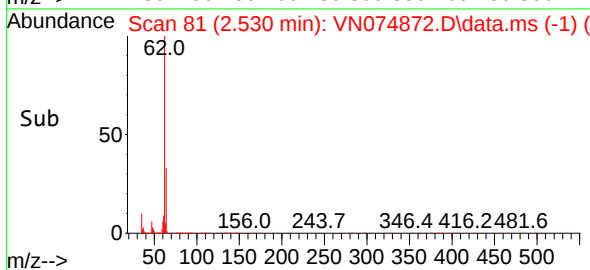
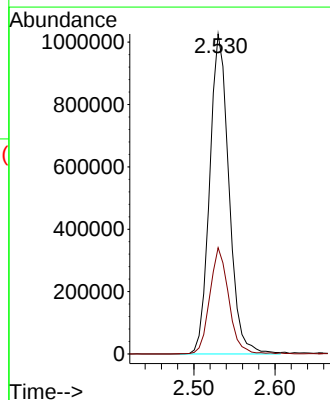
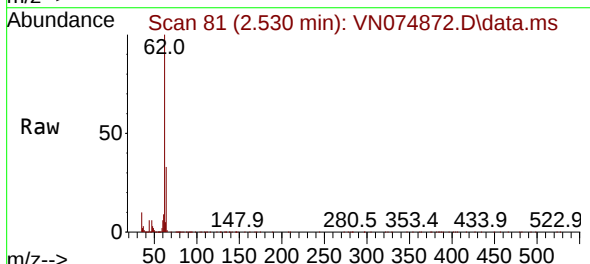
Manual Integrations
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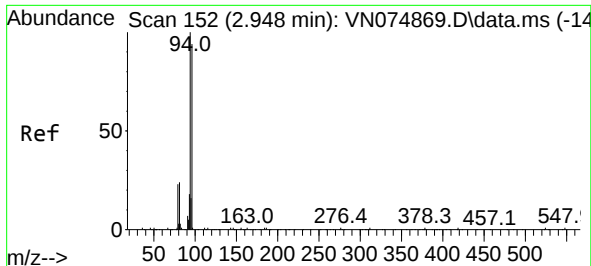
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#4
Vinyl Chloride
Concen: 124.295 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

Tgt Ion: 62 Resp: 1692693
Ion Ratio Lower Upper
62 100
64 33.1 25.6 38.4





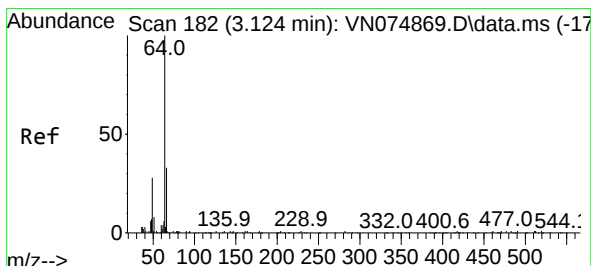
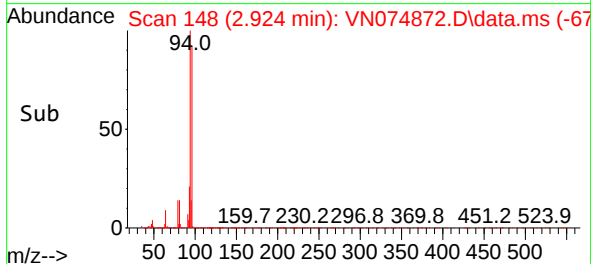
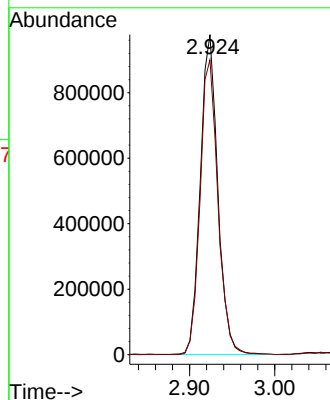
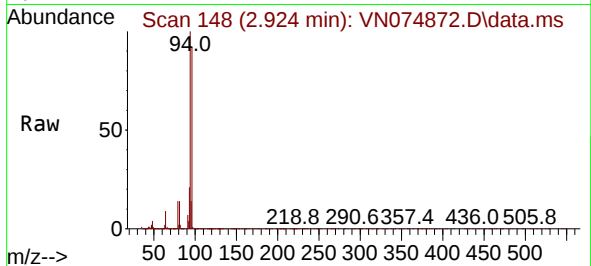
#5
Bromomethane
Concen: 128.705 ug/l
RT: 2.924 min Scan# 14
Delta R.T. -0.024 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 94 Resp: 1389689
Ion Ratio Lower Upper
94 100
96 92.1 68.3 102.5

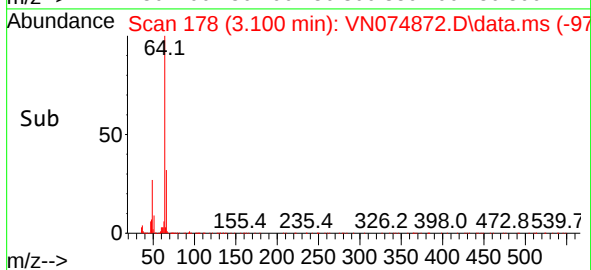
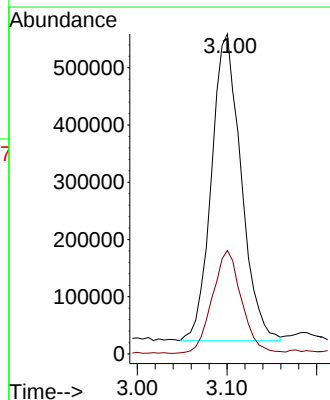
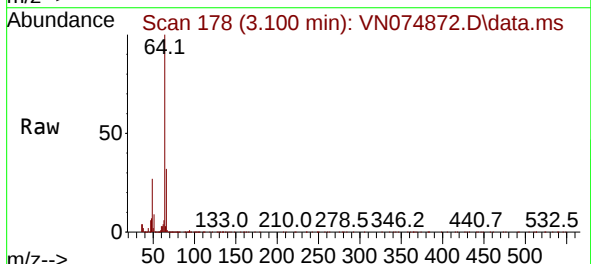
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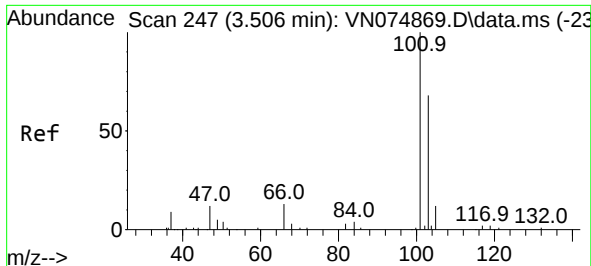
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#6
Chloroethane
Concen: 113.142 ug/l
RT: 3.100 min Scan# 178
Delta R.T. -0.024 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

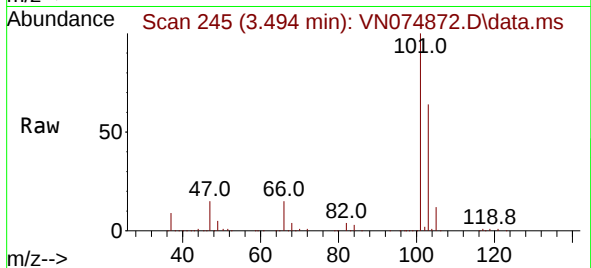
Tgt Ion: 64 Resp: 1227791
Ion Ratio Lower Upper
64 100
66 33.4 21.8 32.8#





#7
 Trichlorofluoromethane
 Concen: 130.765 ug/l
 RT: 3.494 min Scan# 247
 Delta R.T. -0.012 min
 Lab File: VN074872.D
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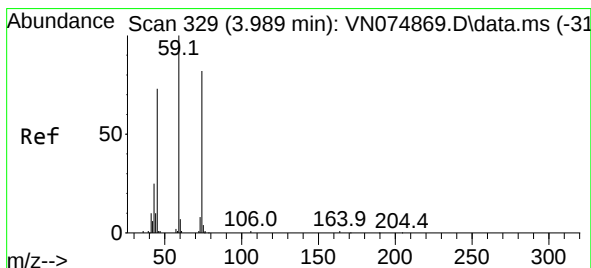
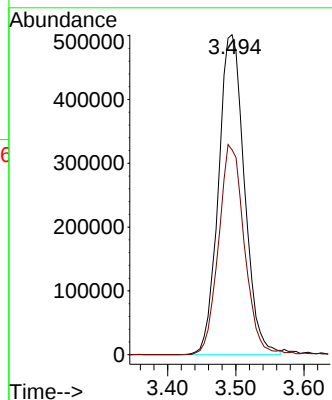
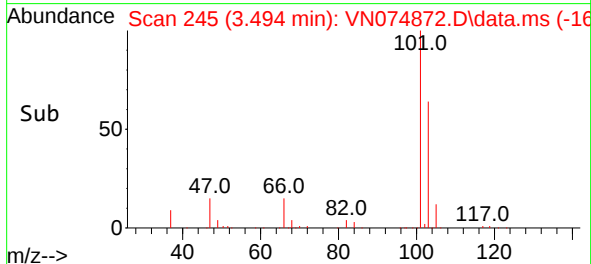
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



Tgt Ion:101 Resp: 132756
 Ion Ratio Lower Upper
 101 100
 103 64.0 54.8 82.2

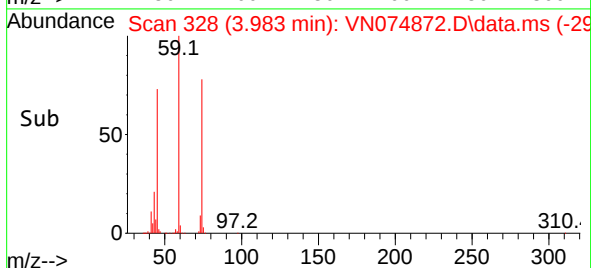
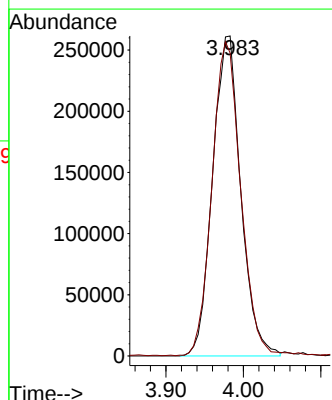
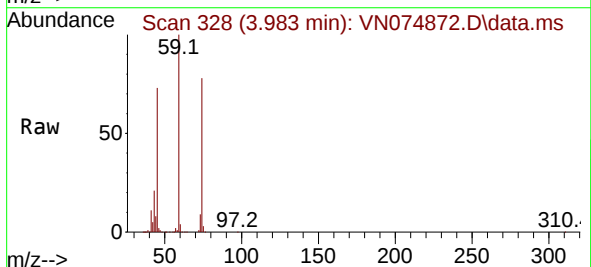
Manual Integrations
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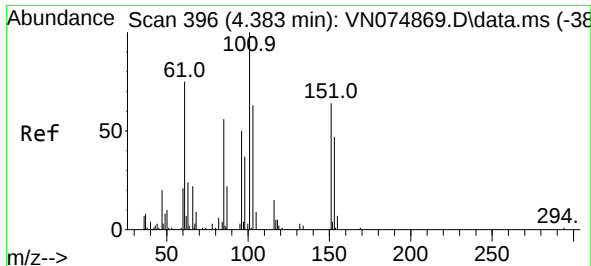
Reviewed By :John Carlone 10/13/2022
 Supervised By :Mahesh Dadoda 10/14/2022



#8
 Diethyl Ether
 Concen: 139.621 ug/l
 RT: 3.983 min Scan# 328
 Delta R.T. -0.006 min
 Lab File: VN074872.D
 Acq: 12 Oct 2022 12:14

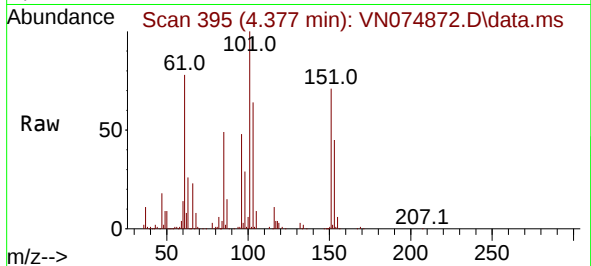
Tgt Ion: 74 Resp: 661236
 Ion Ratio Lower Upper
 74 100
 45 99.0 19.0 171.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 133.640 ug/l
RT: 4.377 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN074872.D
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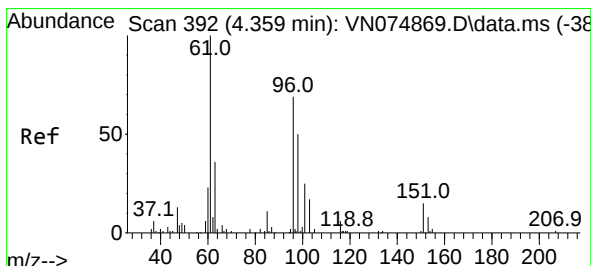
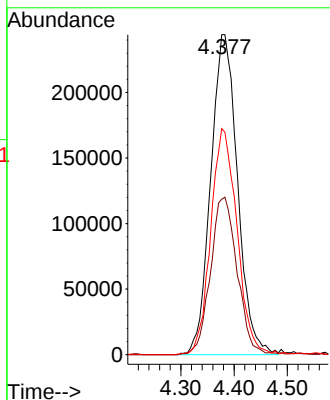
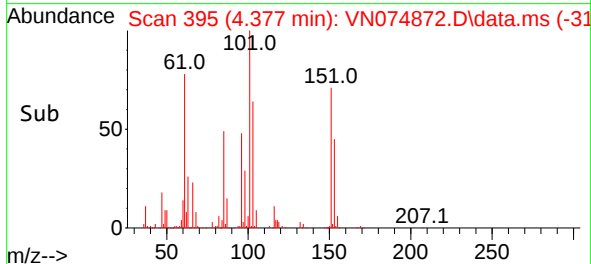
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MSVOA_N
ClientSampleId :
VSTDIC150



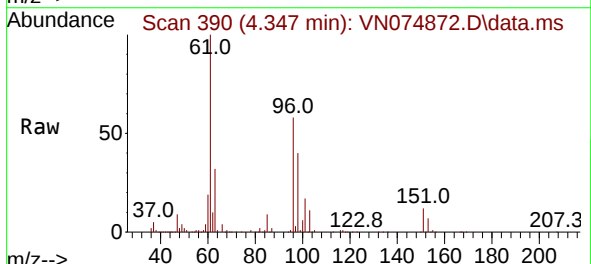
Tgt Ion:101 Resp: 85348
Ion Ratio Lower Upper
101 100
85 48.6 0.0 94.6
151 69.1 0.0 144.8

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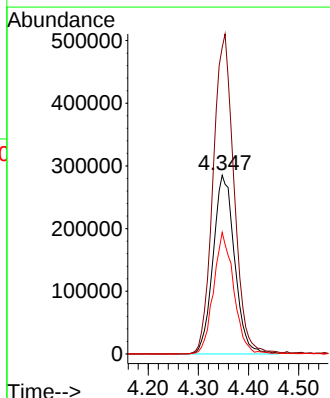
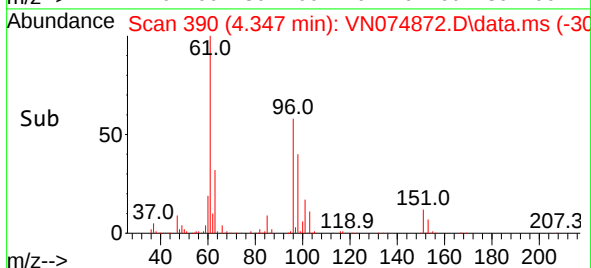
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

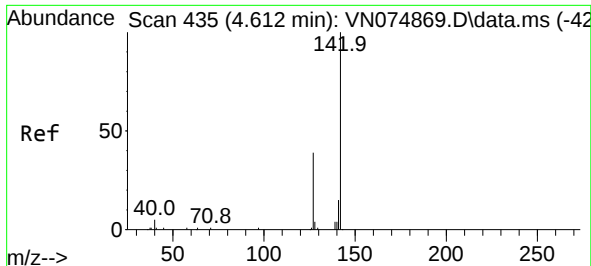


#10
1,1-Dichloroethene
Concen: 134.732 ug/l
RT: 4.347 min Scan# 390
Delta R.T. -0.012 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14



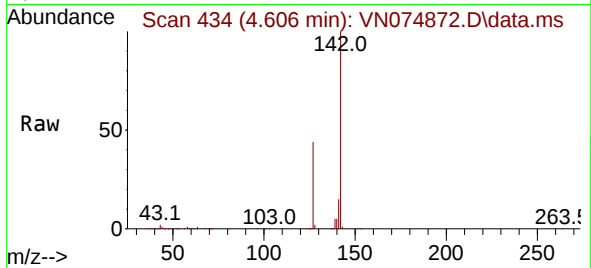
Tgt Ion: 96 Resp: 849272
Ion Ratio Lower Upper
96 100
61 171.5 125.5 188.3
98 68.1 45.0 67.4#





#11
Methyl Iodide
Concen: 144.886 ug/l
RT: 4.606 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

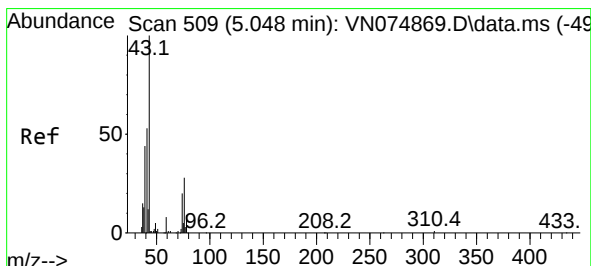
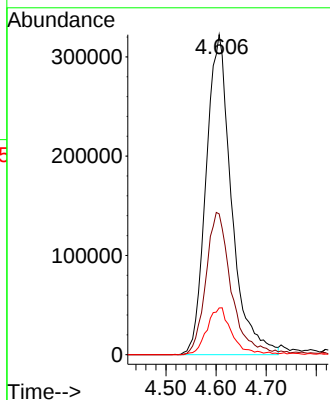
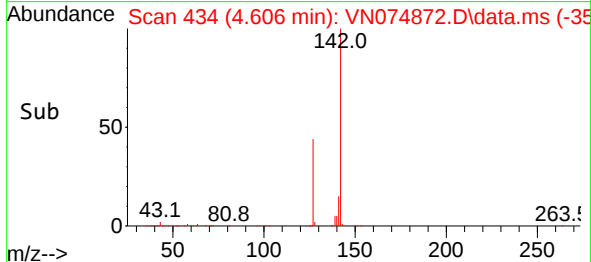
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion:142 Resp: 113535
Ion Ratio Lower Upper
142 100
127 44.0 19.3 57.8
141 14.7 7.7 23.1

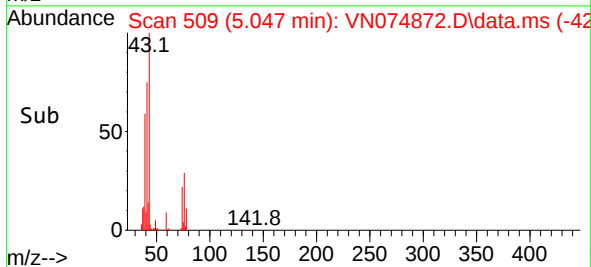
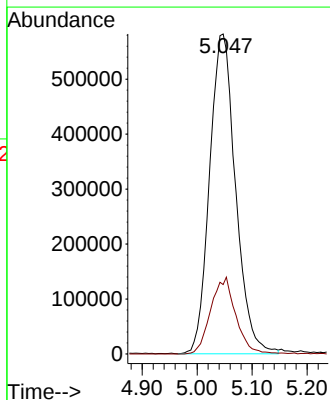
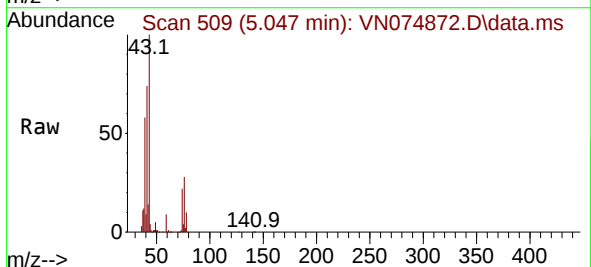
Manual Integrations
APPROVED

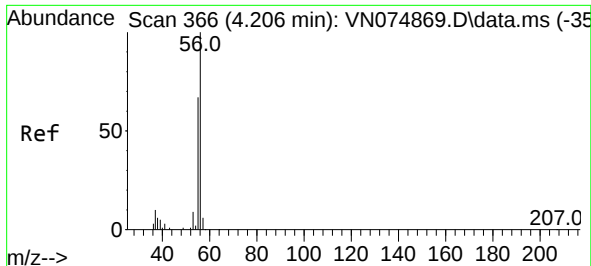
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#12
Methyl Acetate
Concen: 126.289 ug/l
RT: 5.047 min Scan# 509
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

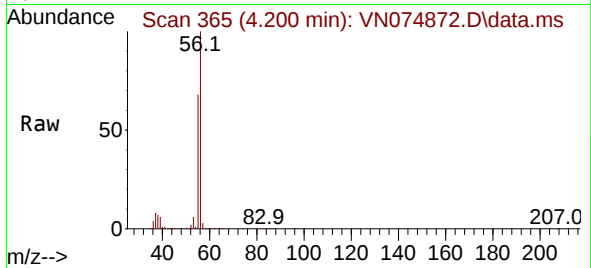
Tgt Ion: 43 Resp: 1912962
Ion Ratio Lower Upper
43 100
74 21.7 19.0 28.6





#13
Acrolein
Concen: 682.509 ug/l
RT: 4.200 min Scan# 366
Delta R.T. -0.006 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

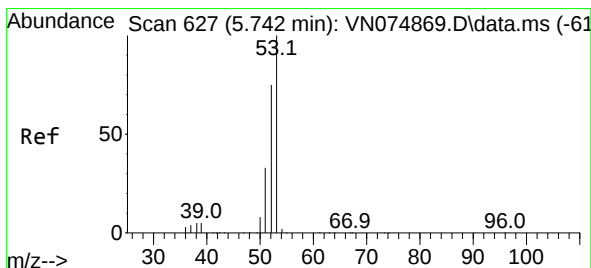
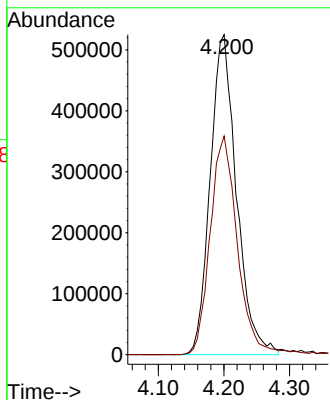
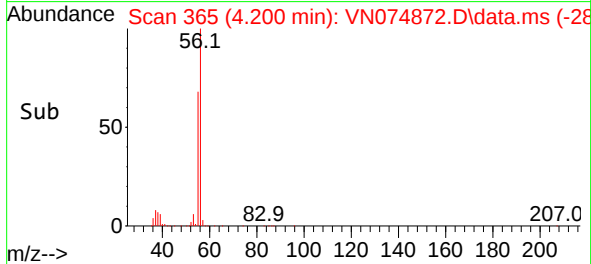
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 1460700
Ion Ratio Lower Upper
56 100
55 69.9 56.2 84.2

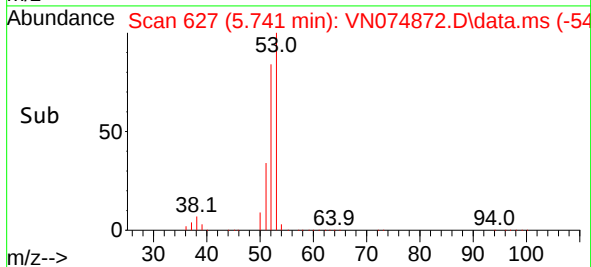
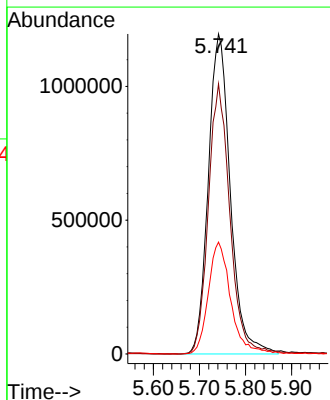
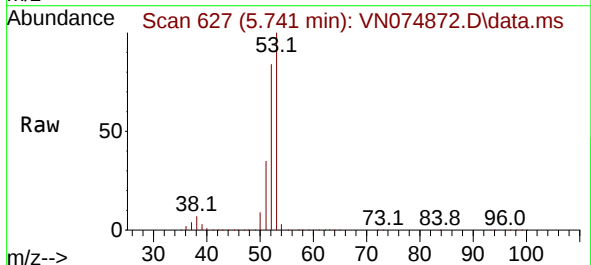
Manual Integrations
APPROVED

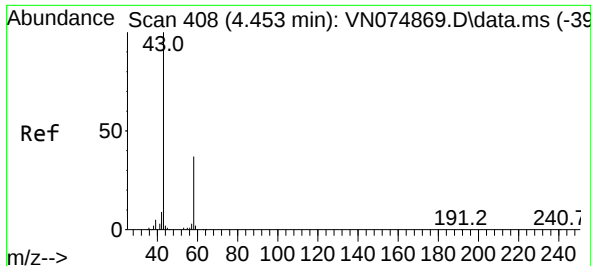
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#14
Acrylonitrile
Concen: 704.689 ug/l
RT: 5.741 min Scan# 627
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

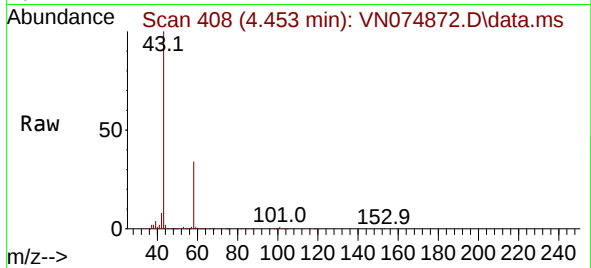
Tgt Ion: 53 Resp: 3981062
Ion Ratio Lower Upper
53 100
52 82.5 40.8 122.4
51 35.4 17.0 51.0





#15
Acetone
Concen: 651.226 ug/l
RT: 4.453 min Scan# 408
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

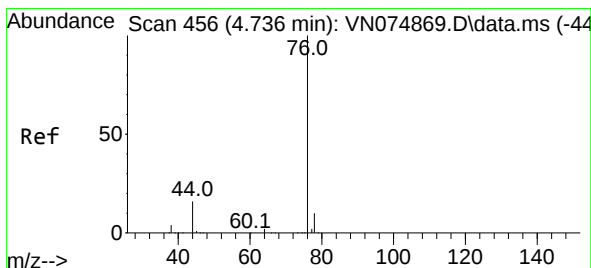
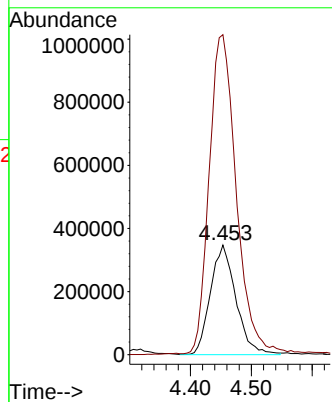
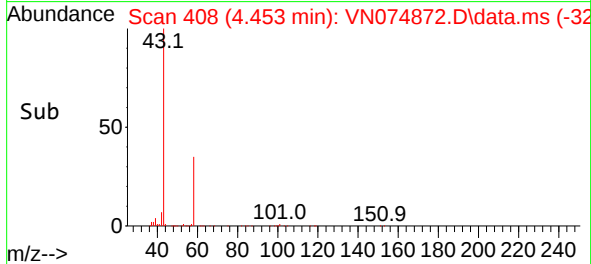
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



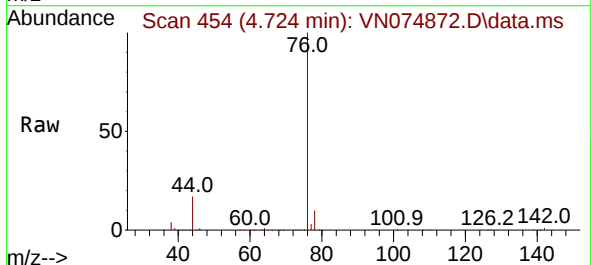
Tgt Ion: 58 Resp: 100974
Ion Ratio Lower Upper
58 100
43 291.7 232.2 348.4

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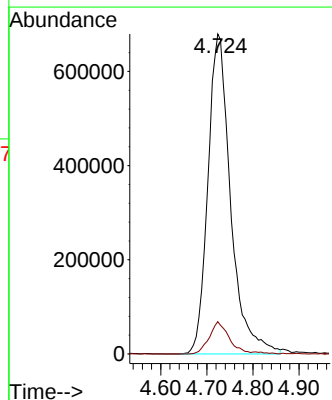
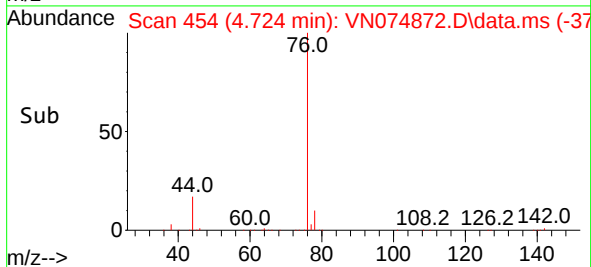
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

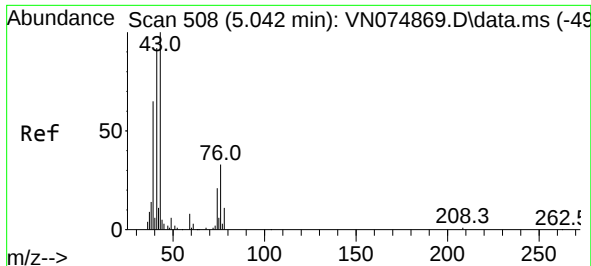


#16
Carbon Disulfide
Concen: 144.579 ug/l
RT: 4.724 min Scan# 454
Delta R.T. -0.012 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14



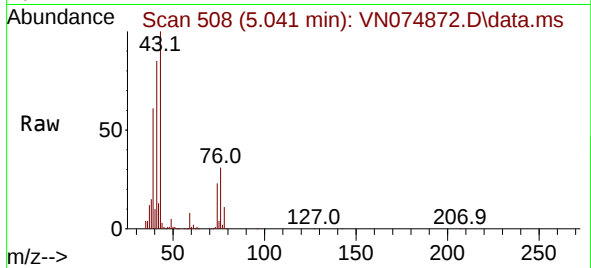
Tgt Ion: 76 Resp: 2332782
Ion Ratio Lower Upper
76 100
78 10.1 7.2 10.8





#17
 Allyl chloride
 Concen: 126.192 ug/l
 RT: 5.041 min Scan# 508
 Delta R.T. -0.000 min
 Lab File: VN074872.D
 Acq: 12 Oct 2022 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

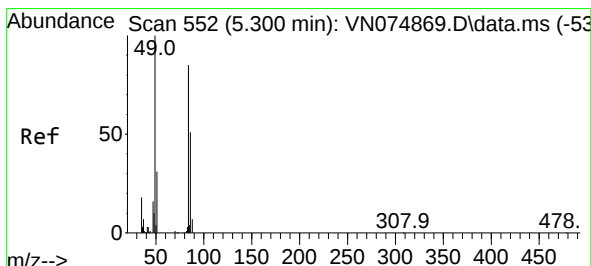
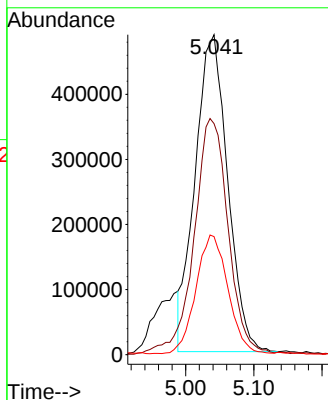
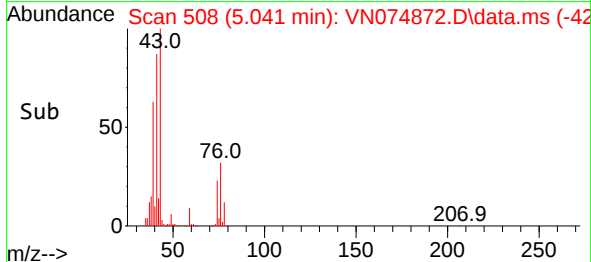


Tgt Ion: 41 Resp: 161460

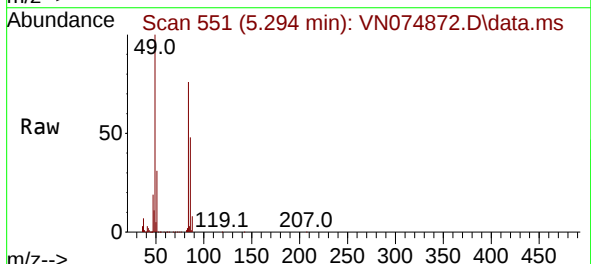
Ion	Ratio	Lower	Upper
41	100		
39	72.2	39.1	117.5
76	36.5	19.8	59.4

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

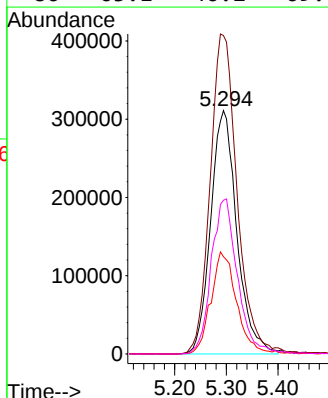
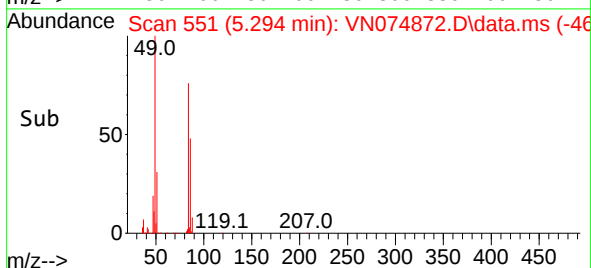


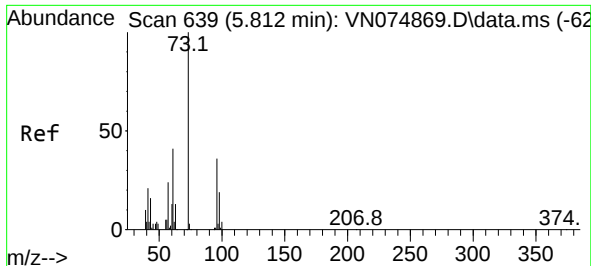
#18
 Methylene Chloride
 Concen: 134.666 ug/l
 RT: 5.294 min Scan# 551
 Delta R.T. -0.006 min
 Lab File: VN074872.D
 Acq: 12 Oct 2022 12:14



Tgt Ion: 84 Resp: 1096347

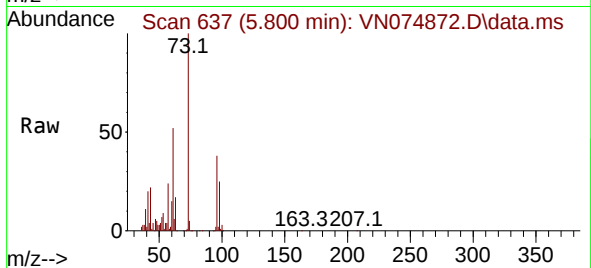
Ion	Ratio	Lower	Upper
84	100		
49	130.8	99.6	149.4
51	39.9	28.2	42.2
86	63.1	46.2	69.4





#19
trans-1,2-Dichloroethene
Concen: 145.203 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

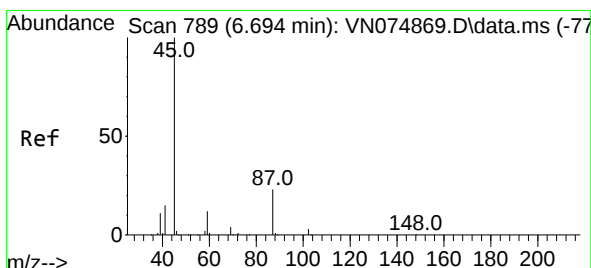
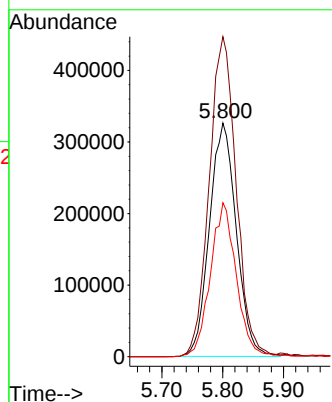
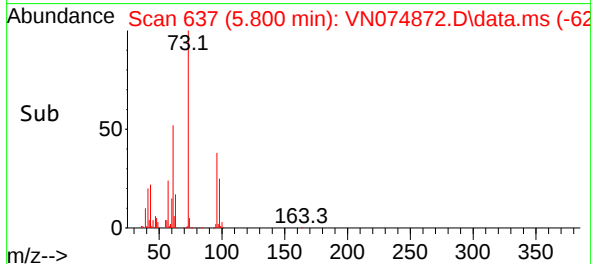
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 96 Resp: 1001689
Ion Ratio Lower Upper
96 100
61 137.0 110.2 165.4
98 65.9 50.0 75.0

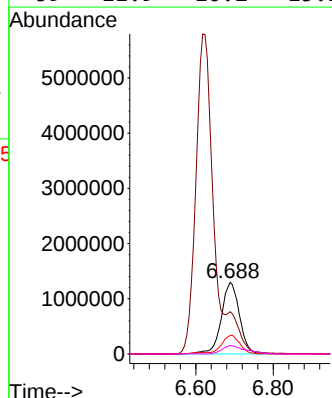
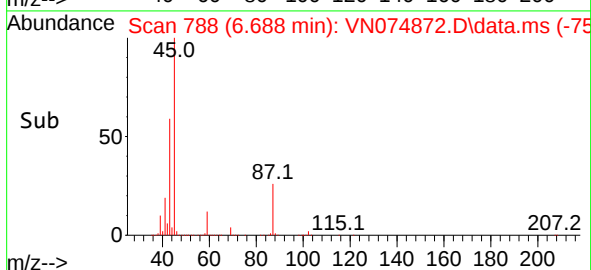
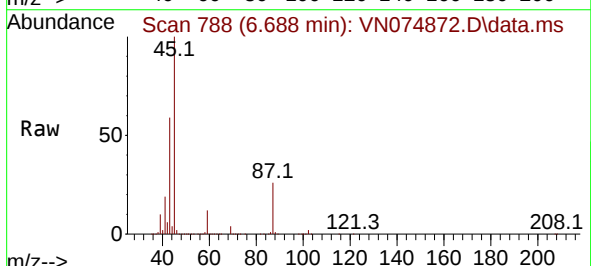
Manual Integrations
APPROVED

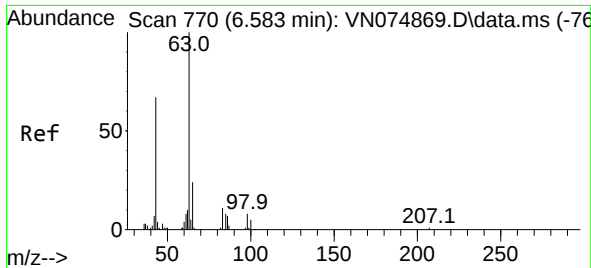
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#20
Diisopropyl ether
Concen: 144.275 ug/l
RT: 6.688 min Scan# 788
Delta R.T. -0.006 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

Tgt Ion: 45 Resp: 4214008
Ion Ratio Lower Upper
45 100
43 58.2 47.3 70.9
87 25.7 21.8 32.8
59 11.9 10.2 15.2





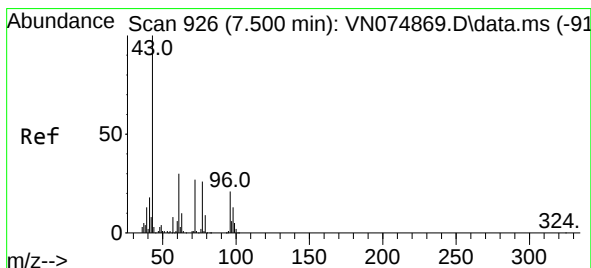
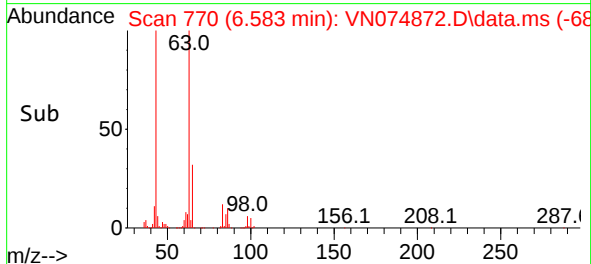
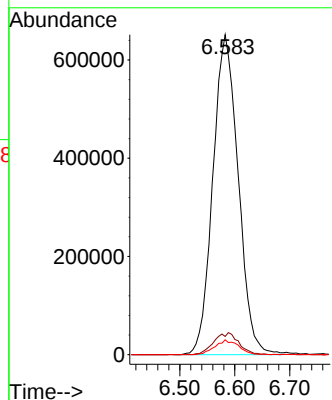
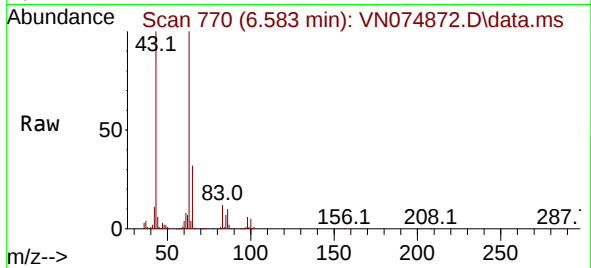
#21
1,1-Dichloroethane
Concen: 140.434 ug/l
RT: 6.583 min Scan# 770
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 2086179
Ion Ratio Lower Upper
63 100
98 5.7 3.3 9.9
100 4.6 2.2 6.6

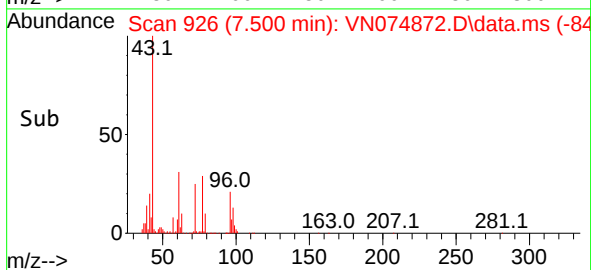
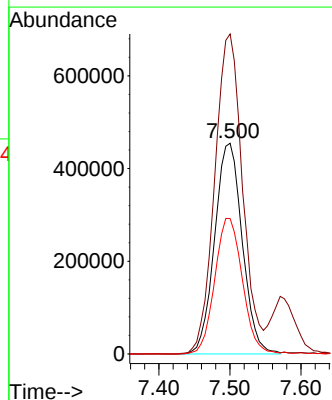
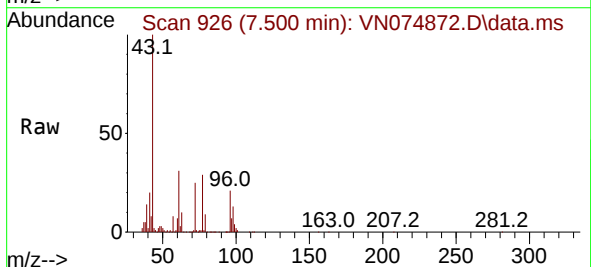
Manual Integrations
APPROVED

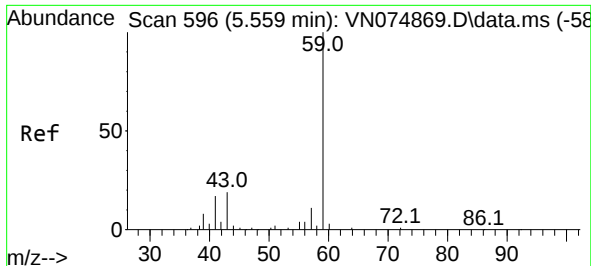
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#22
cis-1,2-Dichloroethene
Concen: 142.113 ug/l
RT: 7.500 min Scan# 926
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

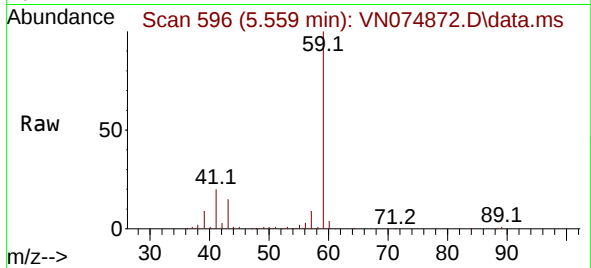
Tgt Ion: 96 Resp: 1227668
Ion Ratio Lower Upper
96 100
61 152.6 118.8 178.2
98 64.2 52.1 78.1





#23
tert-Butyl Alcohol
Concen: 648.611 ug/l
RT: 5.559 min Scan# 596
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

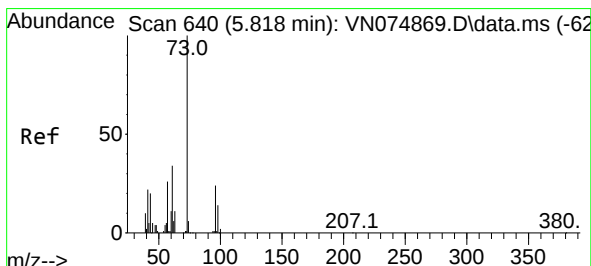
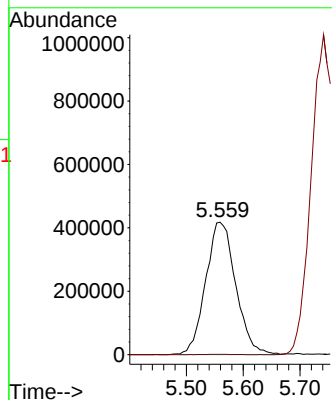
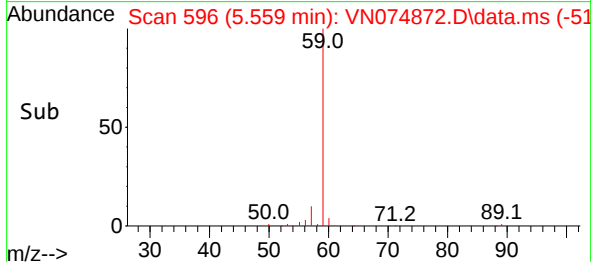
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



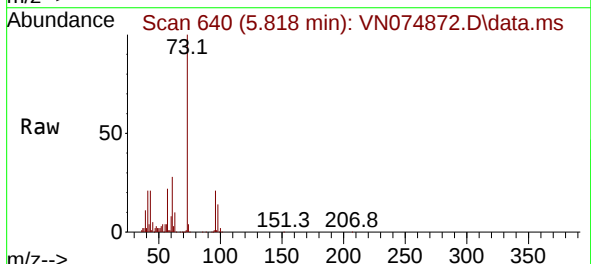
Tgt Ion: 59 Resp: 153603
Ion Ratio Lower Upper
59 100
52 0.1 0.2 0.4

Manual Integrations
APPROVED

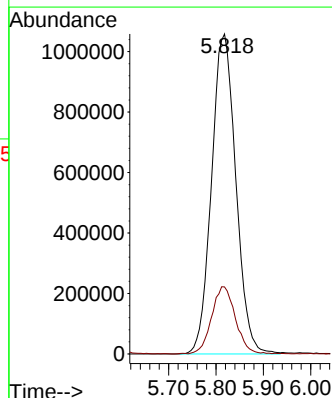
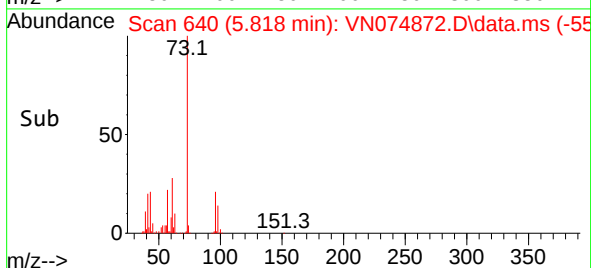
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

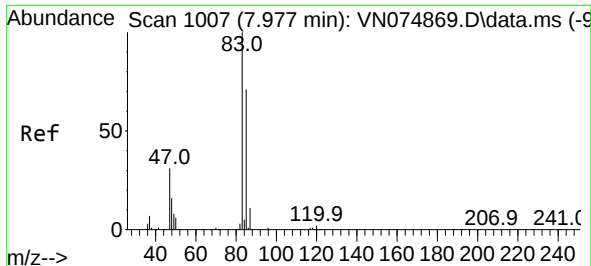


#24
Methyl tert-Butyl Ether
Concen: 143.880 ug/l
RT: 5.818 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14



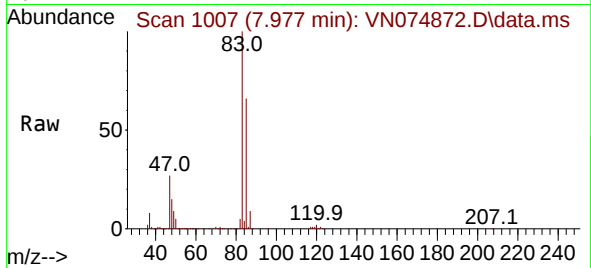
Tgt Ion: 73 Resp: 3776282
Ion Ratio Lower Upper
73 100
43 20.3 15.6 23.4





#25
Chloroform
Concen: 141.839 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

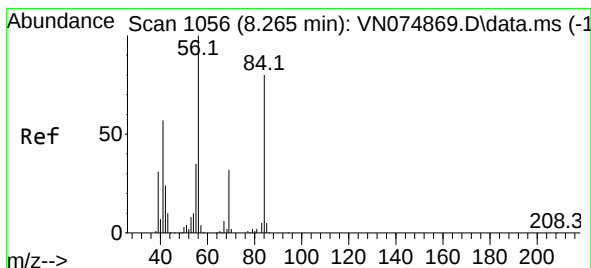
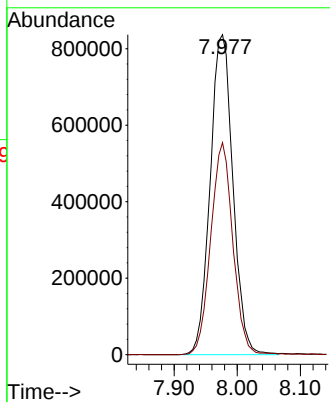
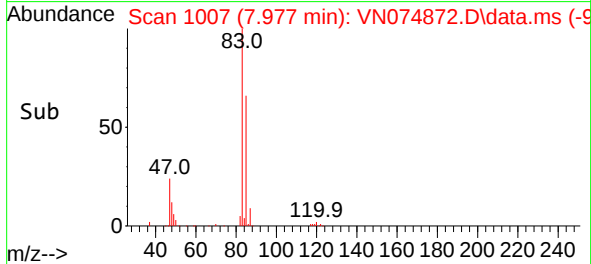
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



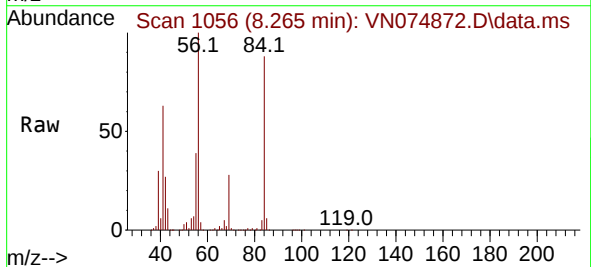
Tgt Ion: 83 Resp: 209300
Ion Ratio Lower Upper
83 100
85 66.3 53.6 80.4

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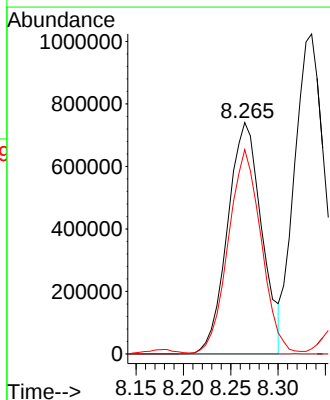
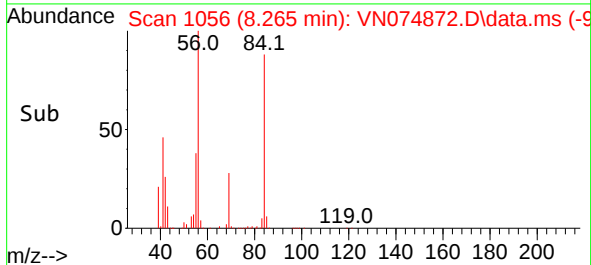
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

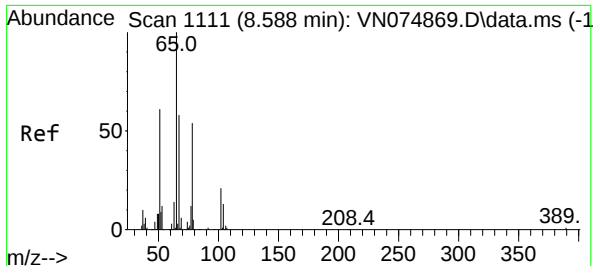


#26
Cyclohexane
Concen: 142.181 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14



Tgt Ion: 56 Resp: 1855882
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.3 68.4 102.6





#27

1,2-Dichloroethane-d4

Concen: 28.246 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VN074872.D

Acq: 12 Oct 2022 12:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 65 Resp: 272310

Ion Ratio Lower Upper

65 100

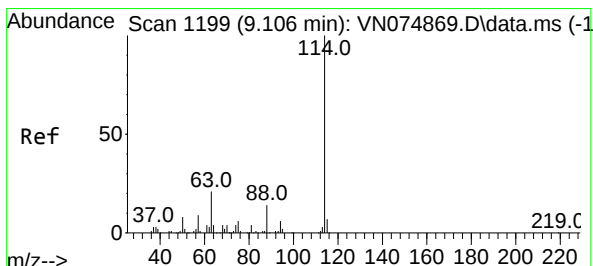
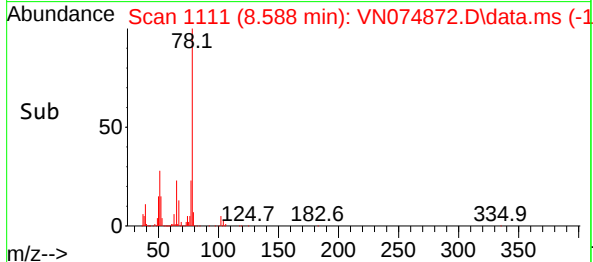
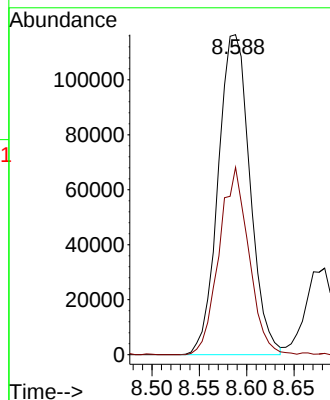
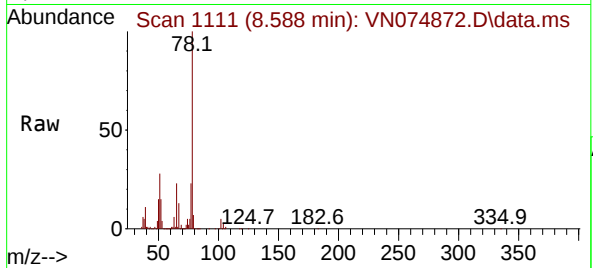
67 54.6 45.2 67.8

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: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074872.D

Acq: 12 Oct 2022 12:14

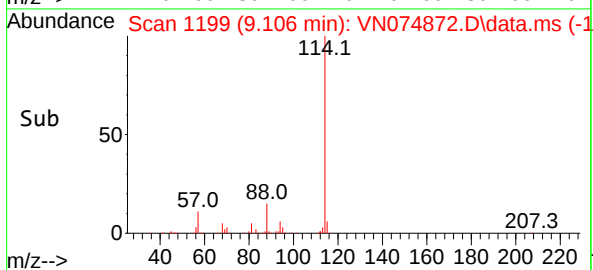
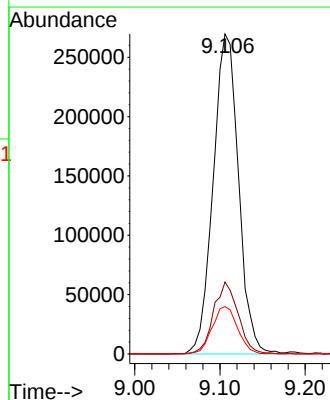
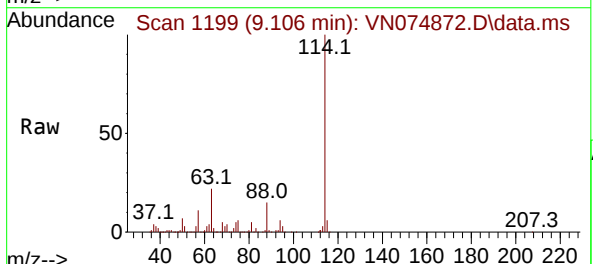
Tgt Ion:114 Resp: 556800

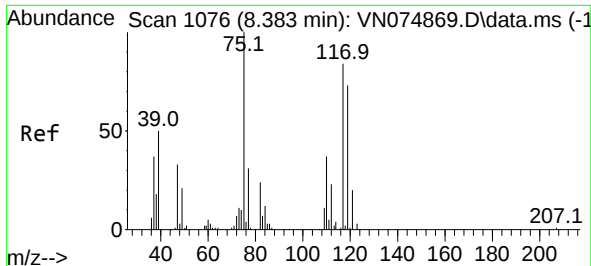
Ion Ratio Lower Upper

114 100

63 21.9 16.6 25.0

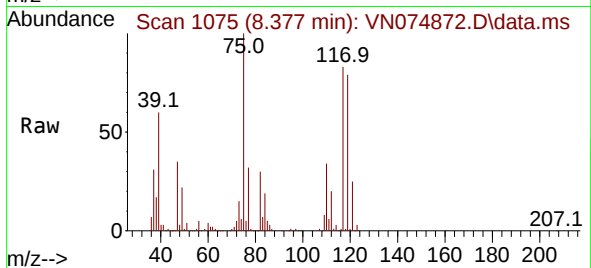
88 14.8 12.2 18.4





#29
1,1-Dichloropropene
Concen: 150.864 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.006 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

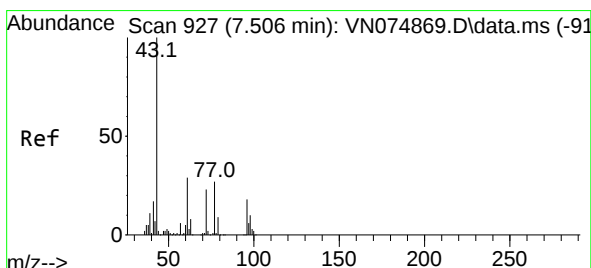
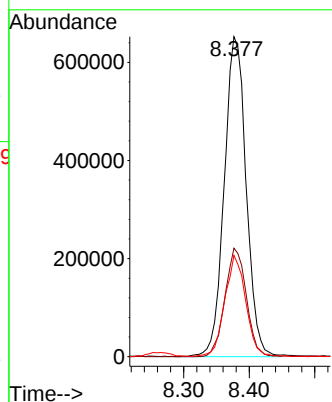
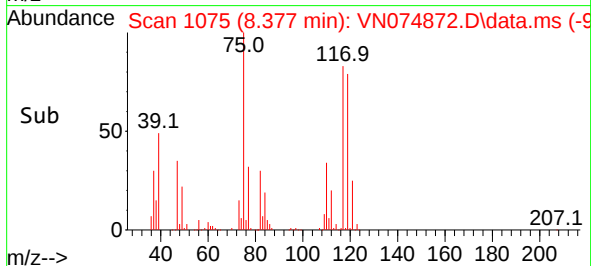
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 1515658
Ion Ratio Lower Upper
75 100
110 32.9 0.0 72.2
77 30.0 0.0 64.0

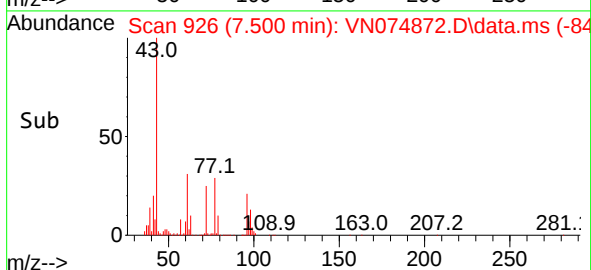
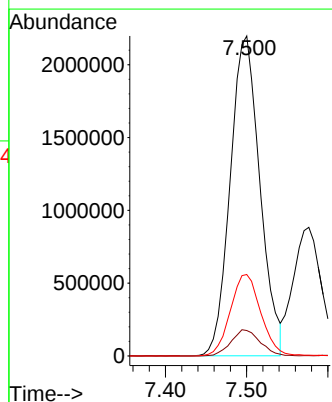
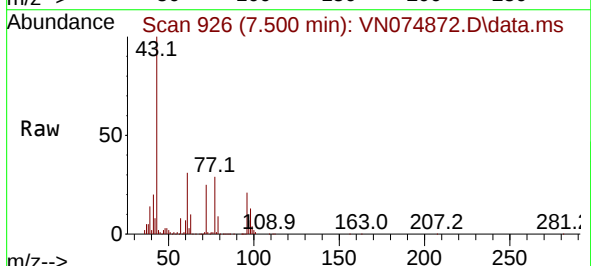
Manual Integrations
APPROVED

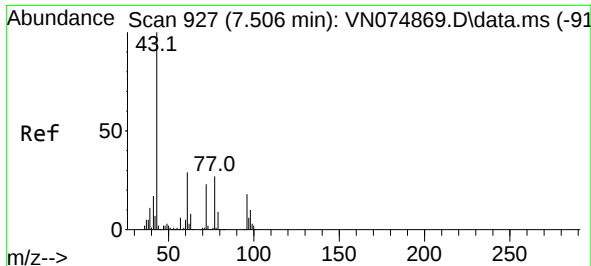
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#30
2-Butanone
Concen: 697.200 ug/l
RT: 7.500 min Scan# 926
Delta R.T. -0.006 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

Tgt Ion: 43 Resp: 5588686
Ion Ratio Lower Upper
43 100
57 8.0 6.3 9.5
72 26.2 21.0 31.4





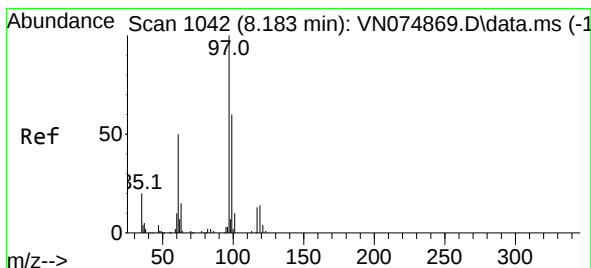
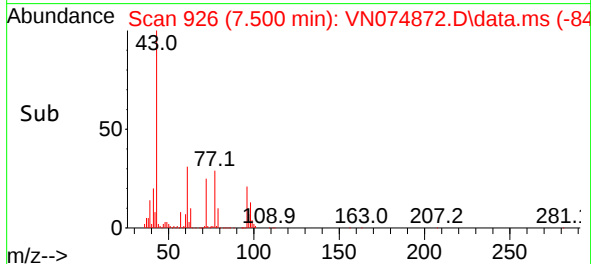
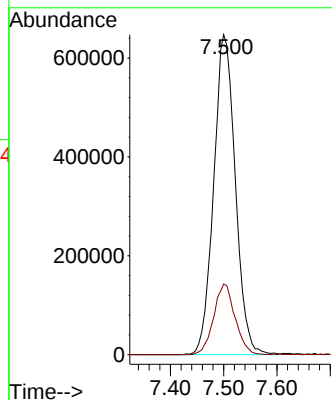
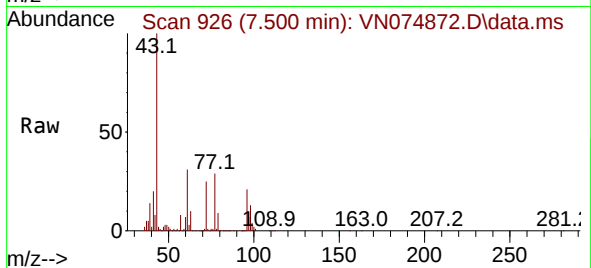
#31
2,2-Dichloropropane
Concen: 148.581 ug/l
RT: 7.500 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 77 Resp: 182516
Ion Ratio Lower Upper
77 100
97 21.7 18.4 27.6

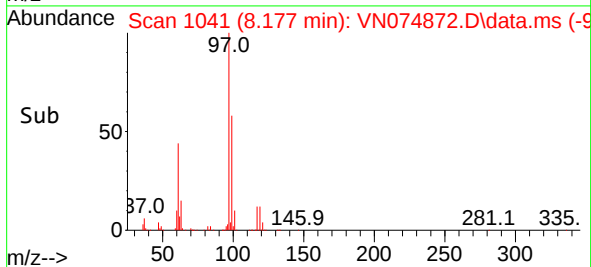
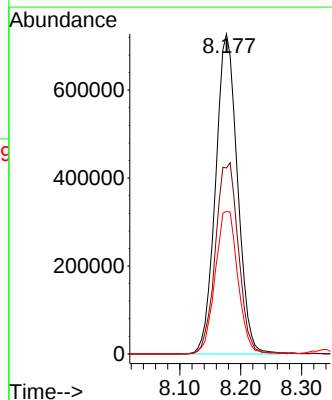
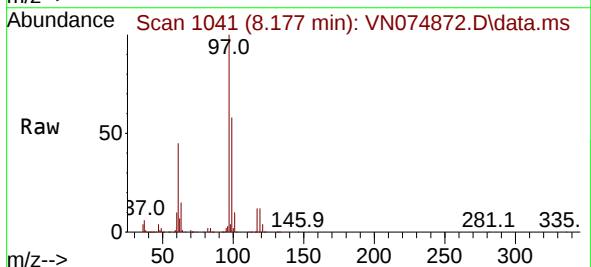
Manual Integrations
APPROVED

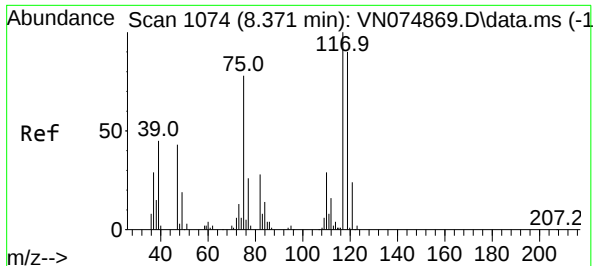
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#32
1,1,1-Trichloroethane
Concen: 151.206 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

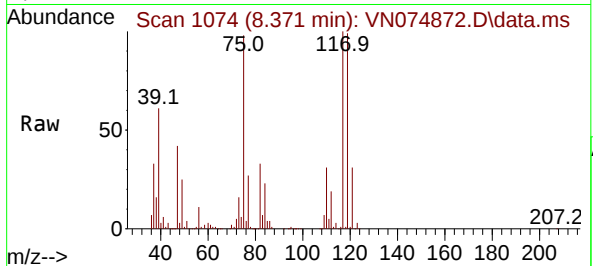
Tgt Ion: 97 Resp: 1821737
Ion Ratio Lower Upper
97 100
99 62.6 50.0 75.0
61 46.2 36.1 54.1





#33
Carbon Tetrachloride
Concen: 150.460 ug/l
RT: 8.371 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

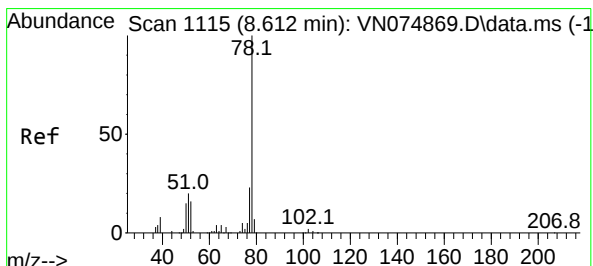
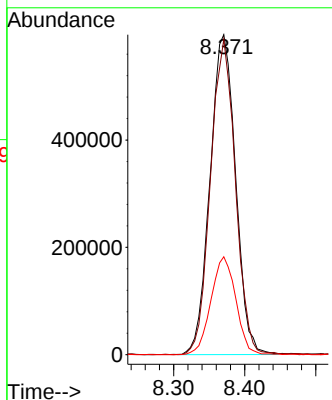
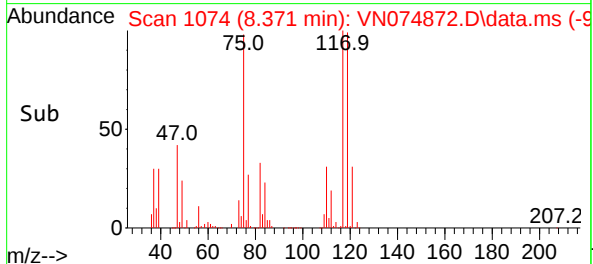
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 117 Resp: 149104
Ion Ratio Lower Upper
117 100
119 98.5 77.8 116.6
121 30.6 27.6 41.4

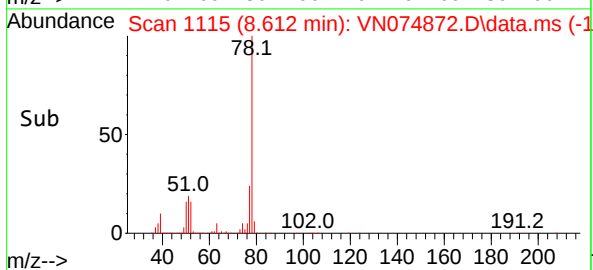
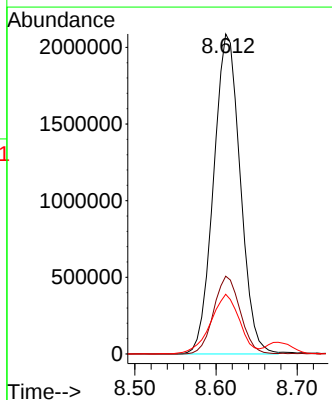
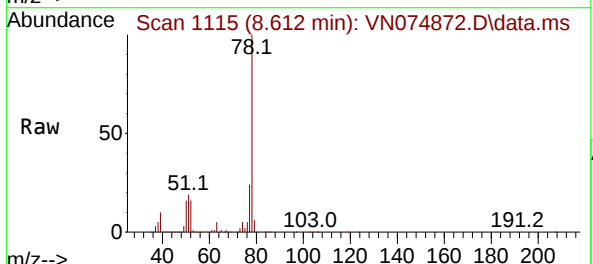
Manual Integrations
APPROVED

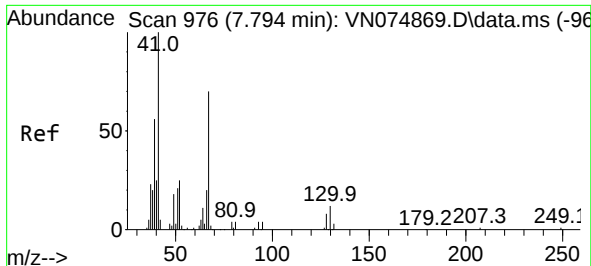
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#34
Benzene
Concen: 143.355 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

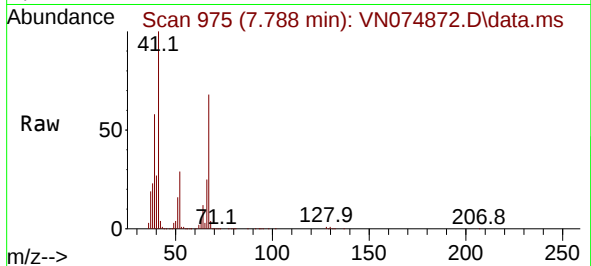
Tgt Ion: 78 Resp: 4760629
Ion Ratio Lower Upper
78 100
77 24.3 19.9 29.9
51 18.3 21.1 31.7#





#35
Methacrylonitrile
Concen: 142.961 ug/l
RT: 7.788 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

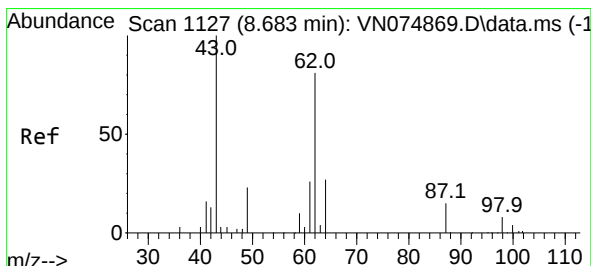
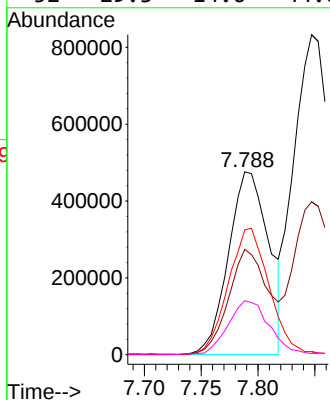
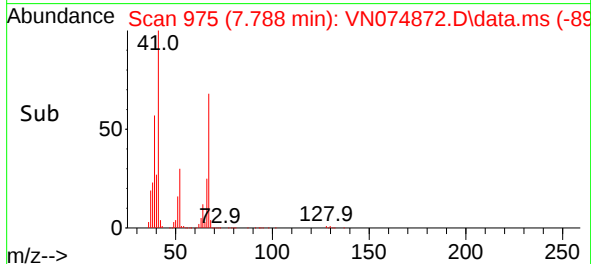
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 1177754
Ion Ratio Lower Upper
41 100
39 57.4 27.7 83.1
67 68.2 38.0 113.9
52 29.3 14.6 44.0

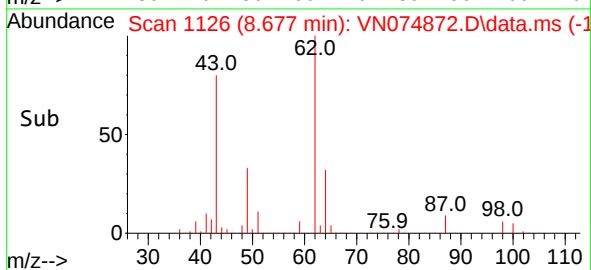
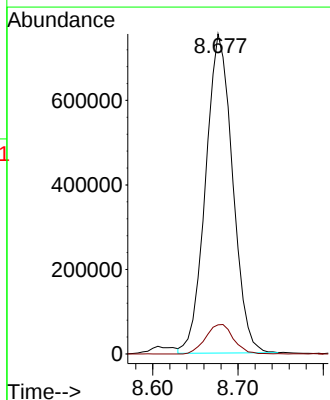
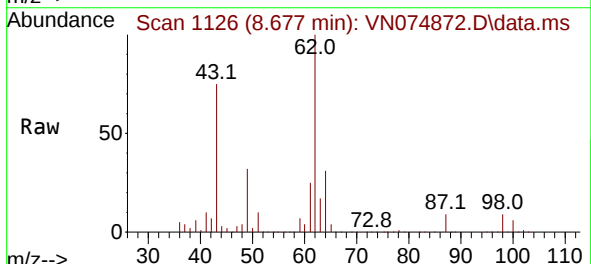
Manual Integrations
APPROVED

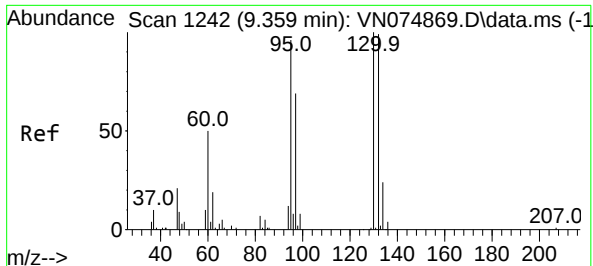
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#36
1,2-Dichloroethane
Concen: 150.330 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

Tgt Ion: 62 Resp: 1662481
Ion Ratio Lower Upper
62 100
98 9.5 7.4 11.2





#37

Trichloroethene

Concen: 145.189 ug/l

RT: 9.353 min Scan# 1241

Delta R.T. -0.006 min

Lab File: VN074872.D

Acq: 12 Oct 2022 12:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion:130 Resp: 1002734

Ion Ratio Lower Upper

130 100

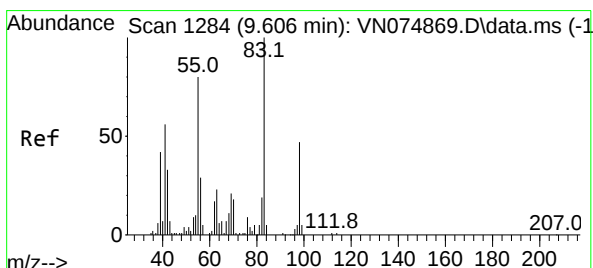
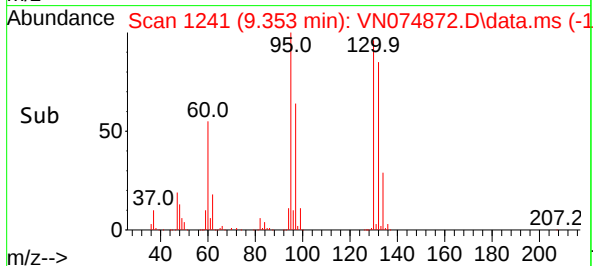
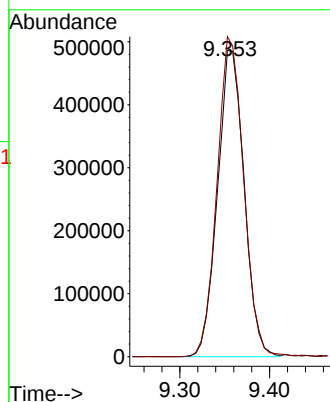
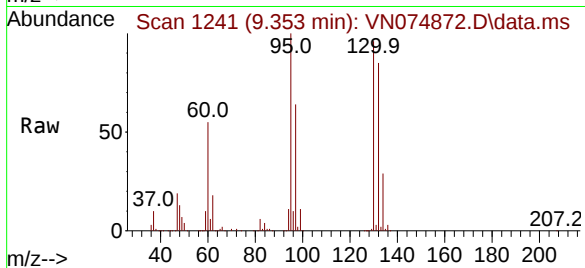
95 104.5 75.9 113.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#38

Methylcyclohexane

Concen: 152.514 ug/l

RT: 9.606 min Scan# 1284

Delta R.T. -0.000 min

Lab File: VN074872.D

Acq: 12 Oct 2022 12:14

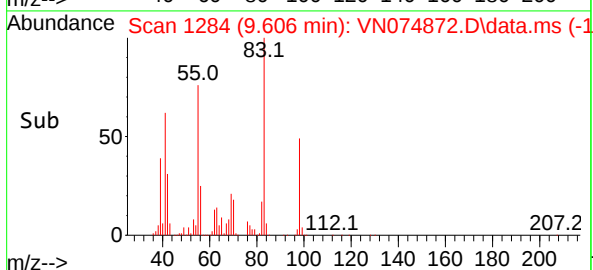
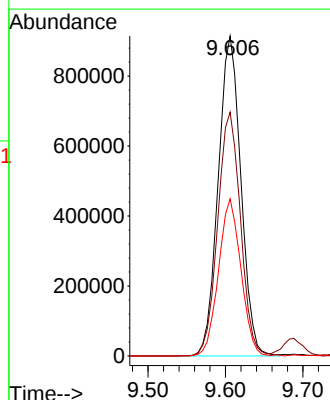
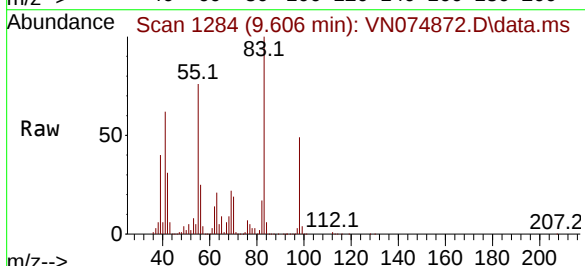
Tgt Ion: 83 Resp: 1861417

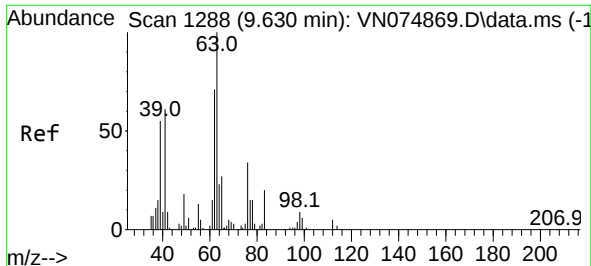
Ion Ratio Lower Upper

83 100

55 76.1 37.4 112.2

98 48.5 24.5 73.5





#39

1,2-Dichloropropane

Concen: 145.847 ug/l

RT: 9.623 min Scan# 1288

Delta R.T. -0.006 min

Lab File: VN074872.D

Acq: 12 Oct 2022 12:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 63 Resp: 1255574

Ion Ratio Lower Upper

63 100

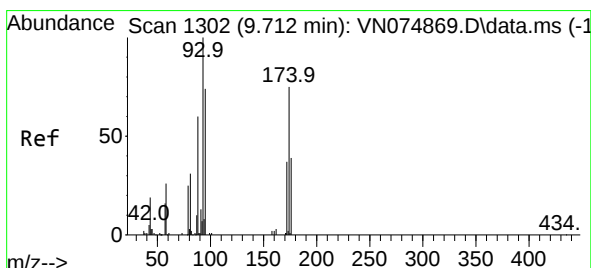
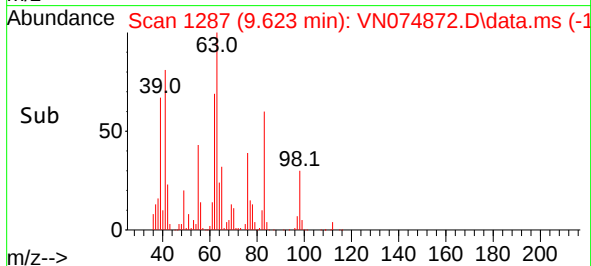
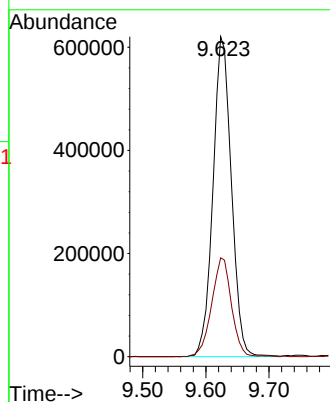
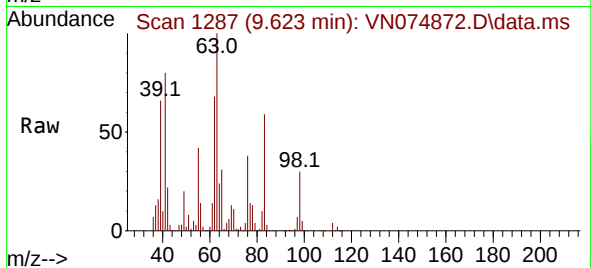
65 30.9 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#40

Dibromomethane

Concen: 145.474 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN074872.D

Acq: 12 Oct 2022 12:14

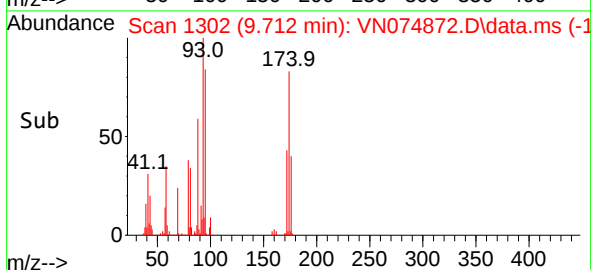
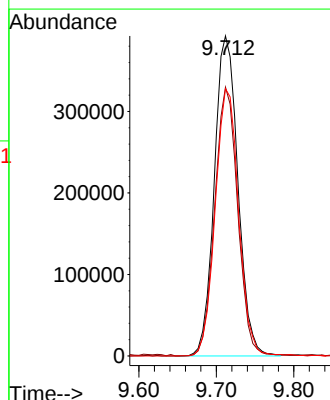
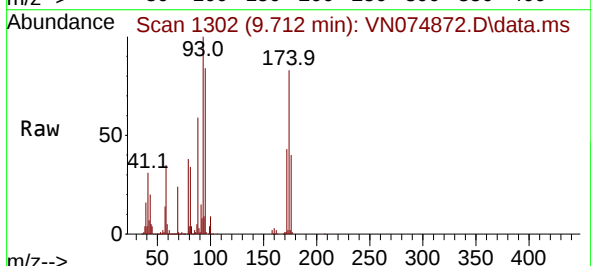
Tgt Ion: 93 Resp: 829894

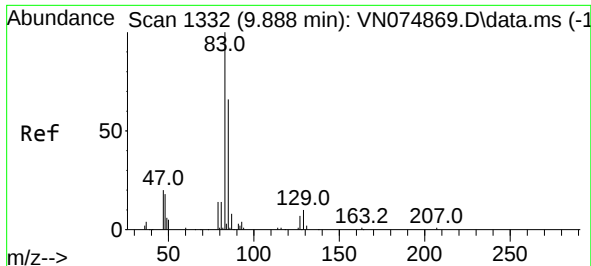
Ion Ratio Lower Upper

93 100

95 82.0 0.0 168.0

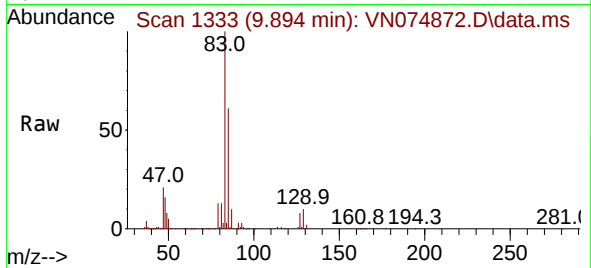
174 82.6 0.0 158.4





#41
Bromodichloromethane
Concen: 151.028 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

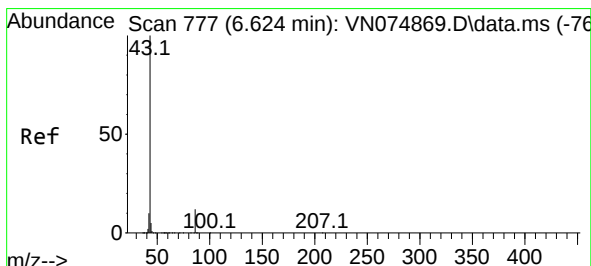
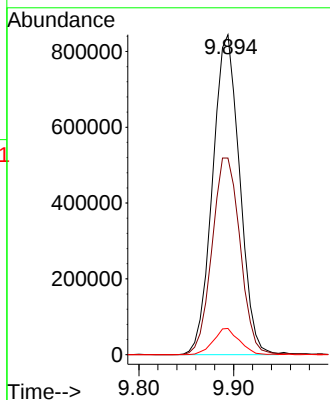
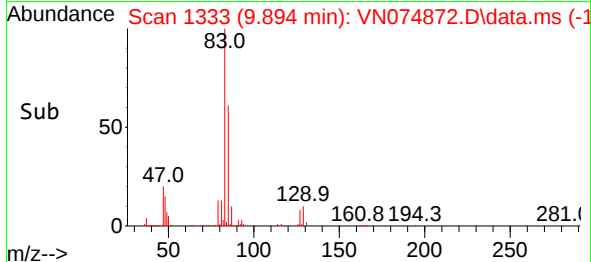
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 83 Resp: 1677923
Ion Ratio Lower Upper
83 100
85 61.4 50.2 75.4
127 8.2 5.1 7.7

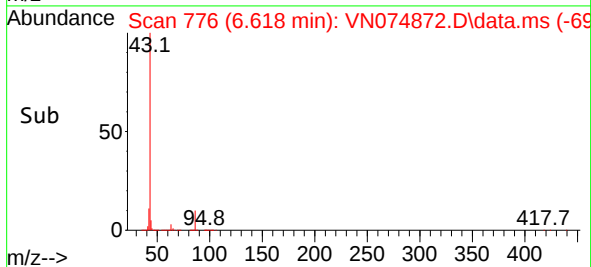
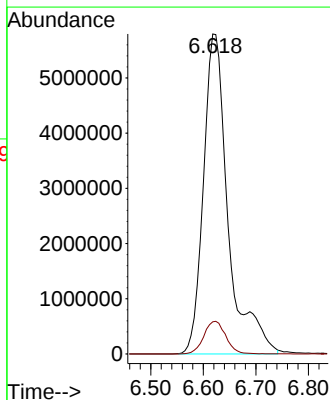
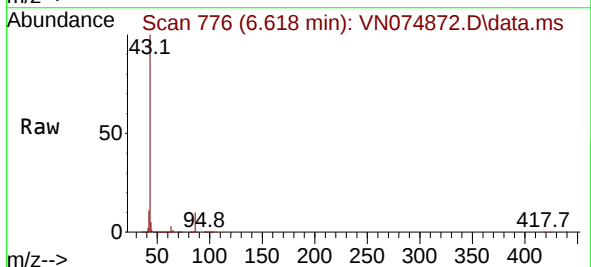
Manual Integrations
APPROVED

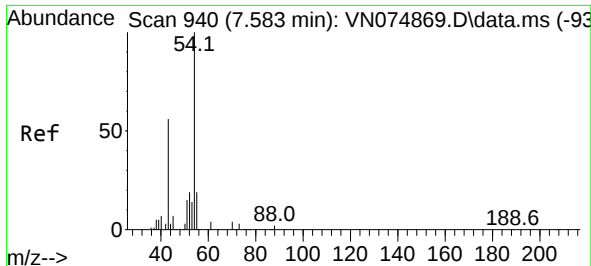
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#42
Vinyl Acetate
Concen: 808.781 ug/l m
RT: 6.618 min Scan# 776
Delta R.T. -0.006 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

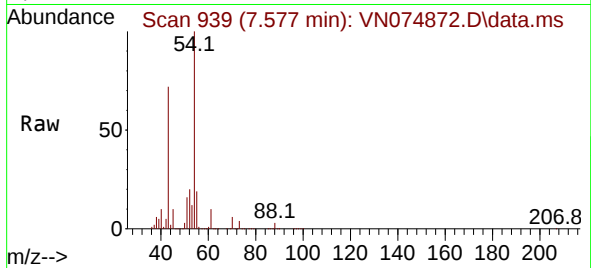
Tgt Ion: 43 Resp:18935318
Ion Ratio Lower Upper
43 100
86 9.1 7.5 11.3





#43
Ethyl Acetate
Concen: 141.938 ug/l
RT: 7.577 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

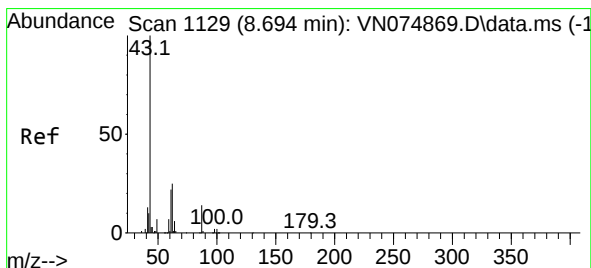
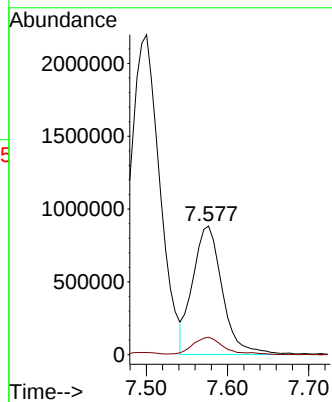
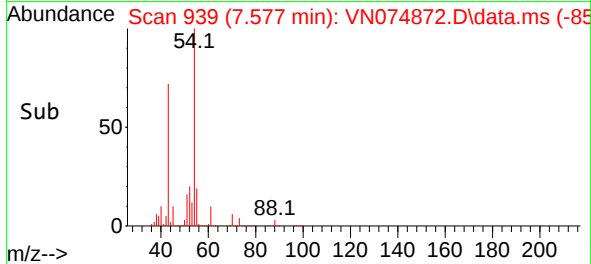
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 223205
Ion Ratio Lower Upper
43 100
45 12.3 11.5 17.3

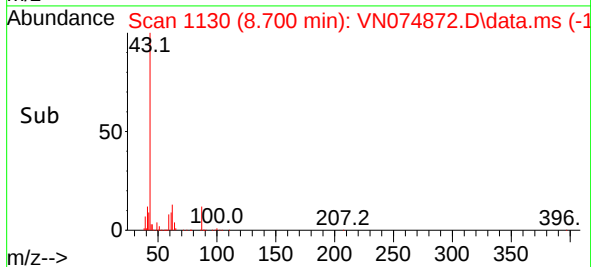
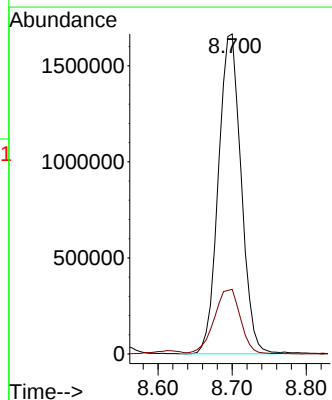
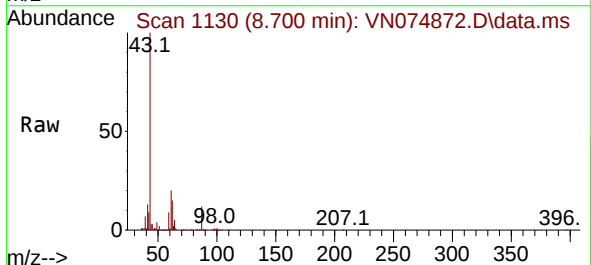
Manual Integrations
APPROVED

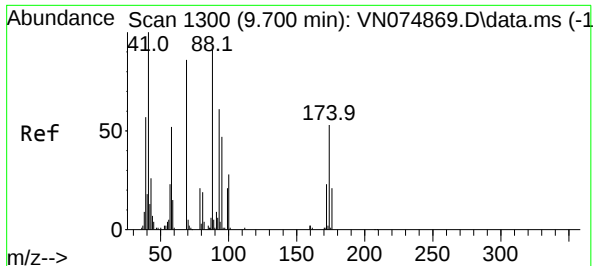
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#44
Isopropyl Acetate
Concen: 147.289 ug/l
RT: 8.700 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

Tgt Ion: 43 Resp: 3549730
Ion Ratio Lower Upper
43 100
61 23.5 19.5 29.3





#45

1,4-Dioxane

Concen: 2773.246 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN074872.D

Acq: 12 Oct 2022 12:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 88 Resp: 612870

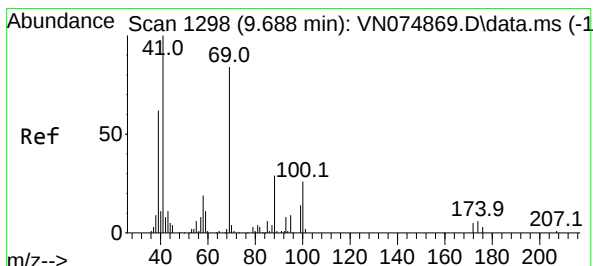
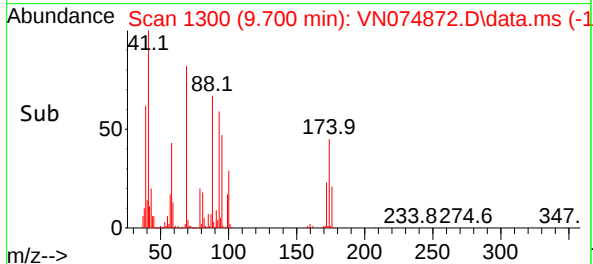
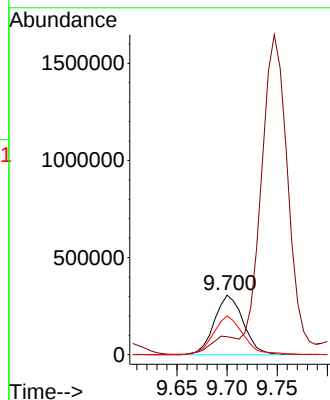
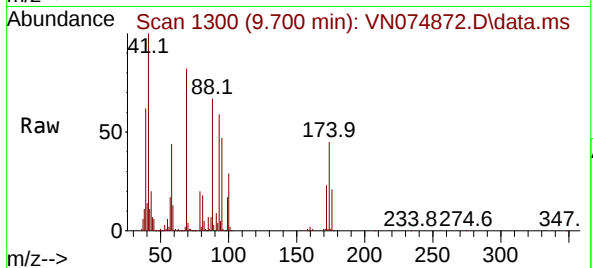
Ion	Ratio	Lower	Upper
88	100		
43	29.1	25.7	38.5
58	67.3	53.4	80.2

Manual Integrations

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Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#46

Methyl methacrylate

Concen: 153.992 ug/l

RT: 9.688 min Scan# 1298

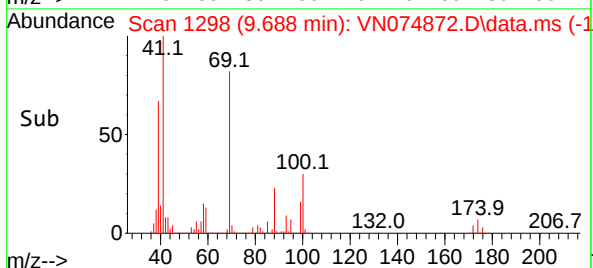
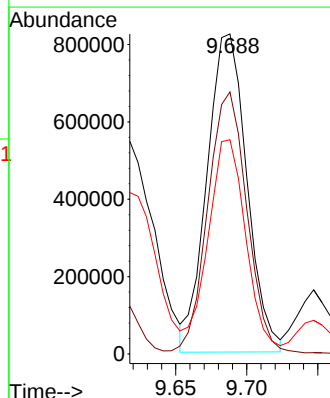
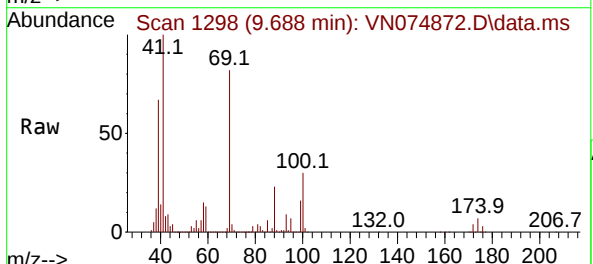
Delta R.T. -0.000 min

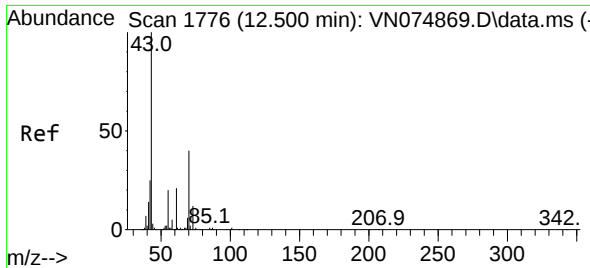
Lab File: VN074872.D

Acq: 12 Oct 2022 12:14

Tgt Ion: 41 Resp: 1607339

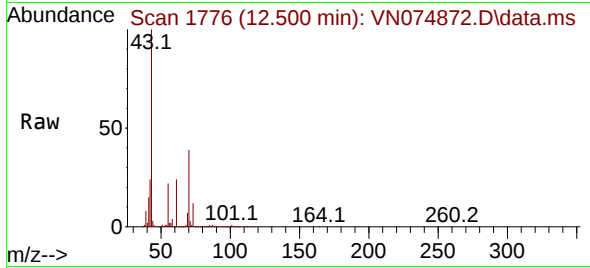
Ion	Ratio	Lower	Upper
41	100		
69	83.9	45.6	136.7
39	67.3	32.3	96.9





#47
n-amy1 Acetate
Concen: 164.237 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

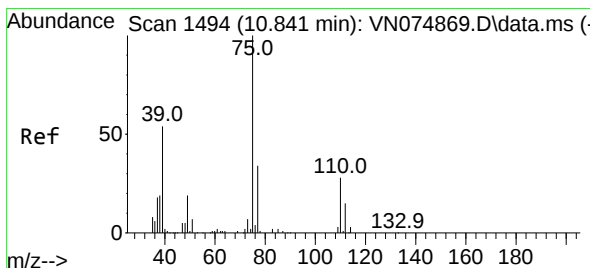
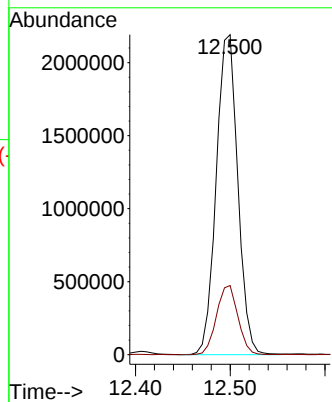
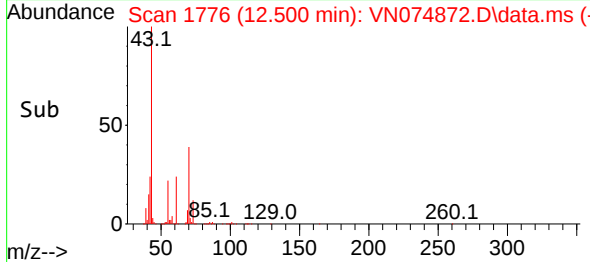
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



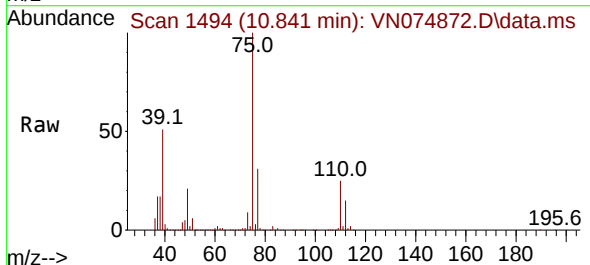
Tgt Ion: 43 Resp: 3463292
Ion Ratio Lower Upper
43 100
55 21.5 16.8 25.2

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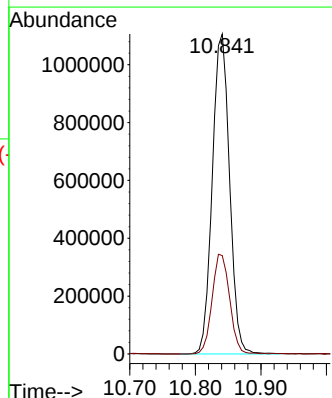
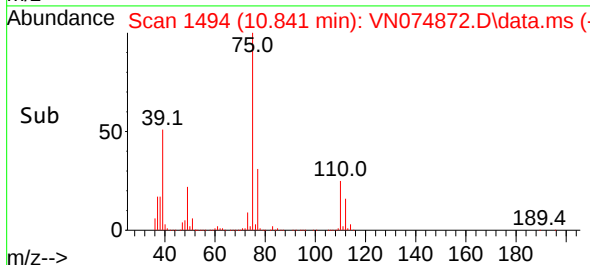
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

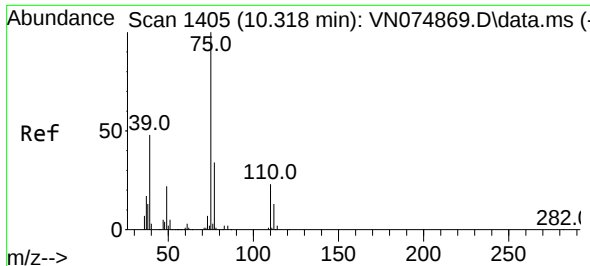


#48
t-1,3-Dichloropropene
Concen: 157.860 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14



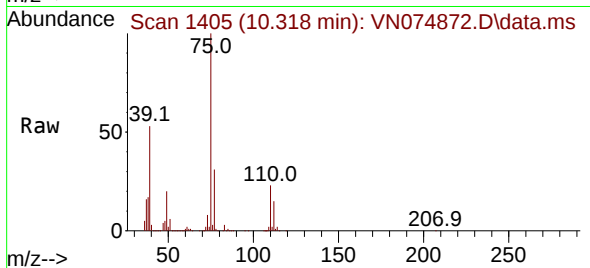
Tgt Ion: 75 Resp: 2018882
Ion Ratio Lower Upper
75 100
77 30.7 25.8 38.8





#49
 cis-1,3-Dichloropropene
 Concen: 153.609 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. -0.000 min
 Lab File: VN074872.D
 Acq: 12 Oct 2022 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

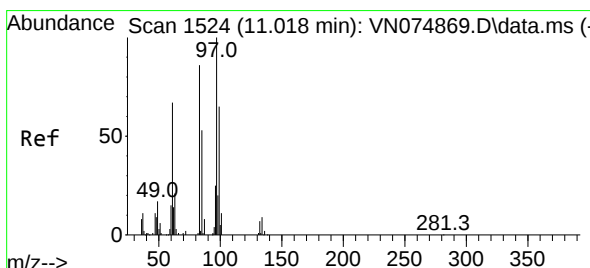
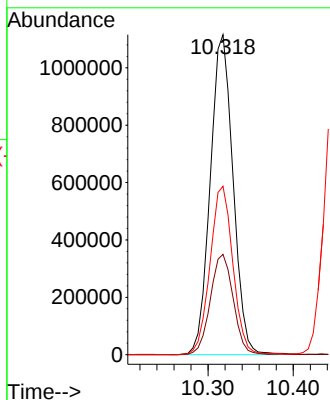
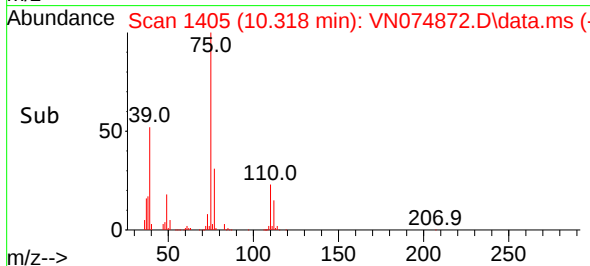


Tgt Ion: 75 Resp: 2076304

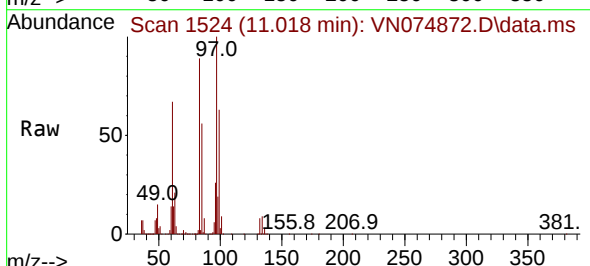
Ion	Ratio	Lower	Upper
75	100		
77	31.3	22.5	33.7
39	52.6	37.6	56.4

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

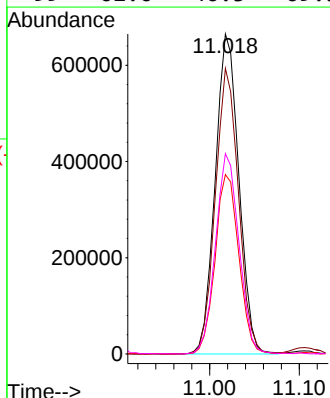
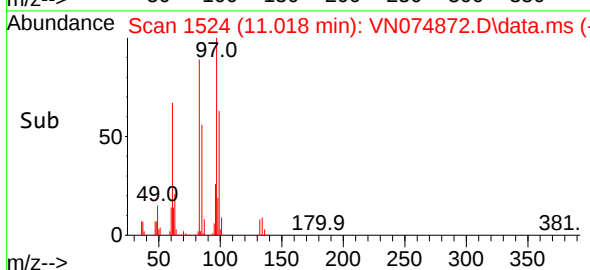


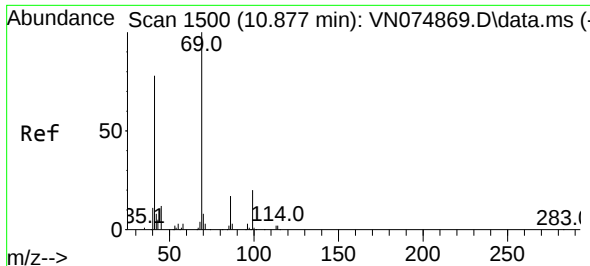
#50
 1,1,2-Trichloroethane
 Concen: 145.057 ug/l
 RT: 11.018 min Scan# 1524
 Delta R.T. -0.000 min
 Lab File: VN074872.D
 Acq: 12 Oct 2022 12:14



Tgt Ion: 97 Resp: 1217735

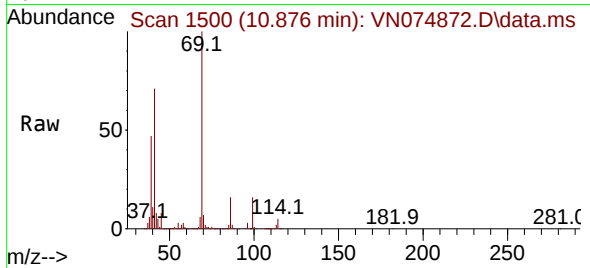
Ion	Ratio	Lower	Upper
97	100		
83	89.2	69.2	103.8
85	56.1	41.4	62.2
99	62.6	46.3	69.5





#51
Ethyl methacrylate
Concen: 156.402 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

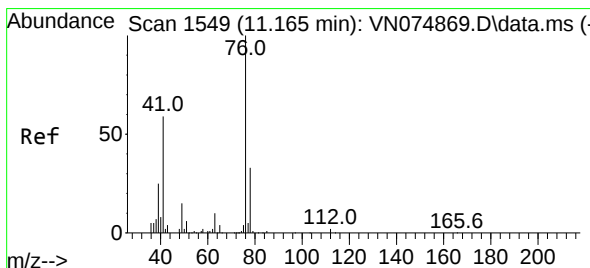
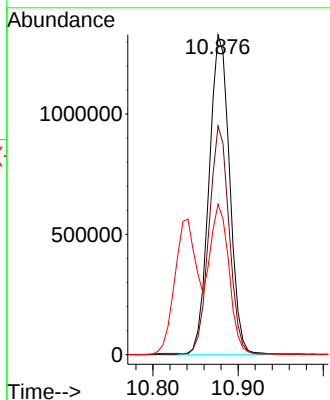
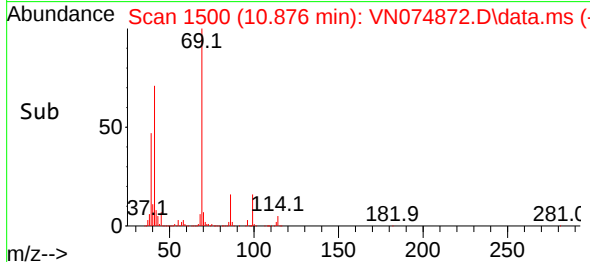
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 69 Resp: 223269
Ion Ratio Lower Upper
69 100
41 71.2 32.5 97.5
39 47.0 21.5 64.5

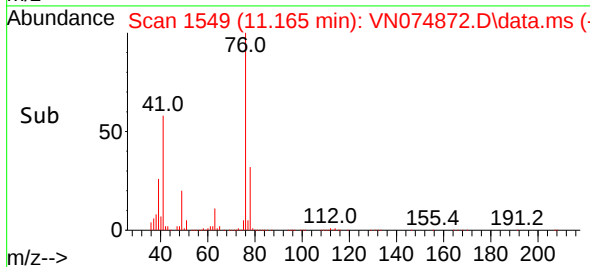
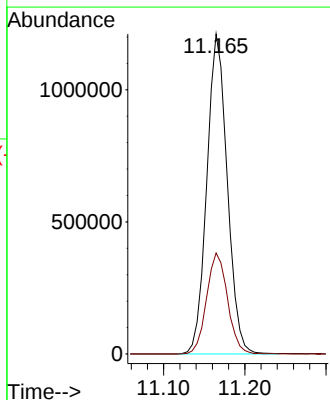
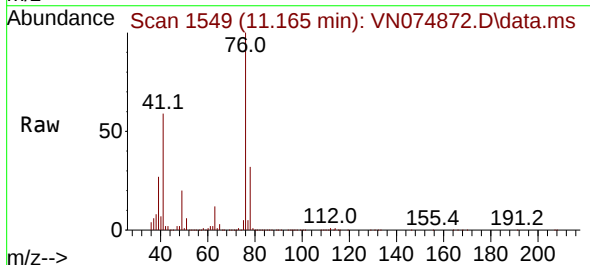
Manual Integrations
APPROVED

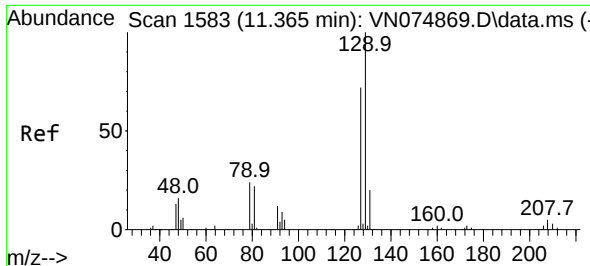
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#52
1,3-Dichloropropane
Concen: 146.125 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

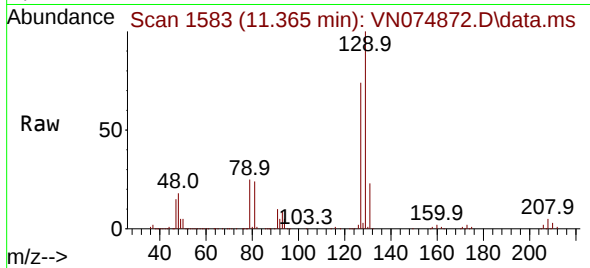
Tgt Ion: 76 Resp: 2117347
Ion Ratio Lower Upper
76 100
78 32.3 0.0 63.8





#53
Dibromochloromethane
Concen: 158.720 ug/l
RT: 11.365 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

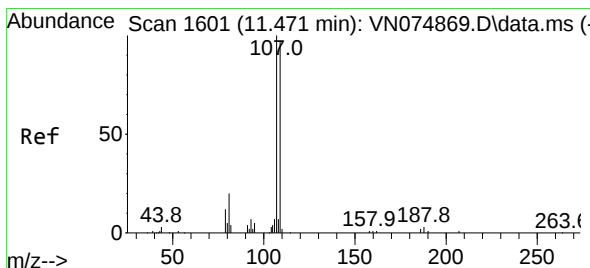
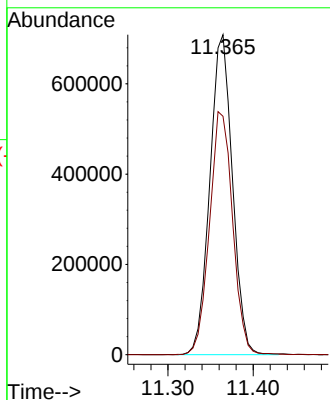
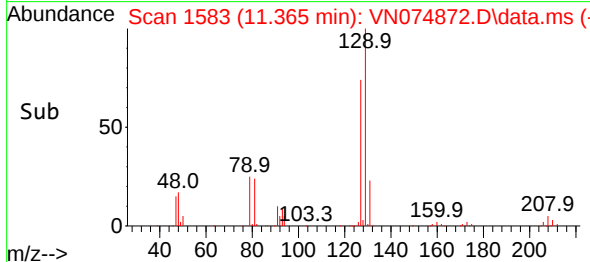
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



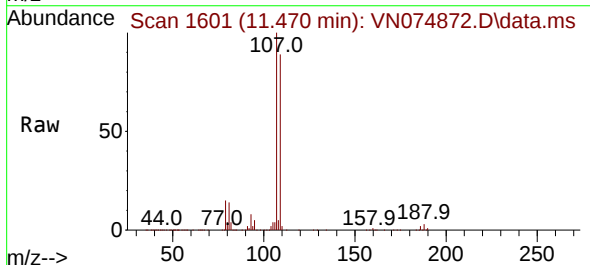
Tgt Ion:129 Resp: 1305430
Ion Ratio Lower Upper
129 100
127 77.3 40.6 121.7

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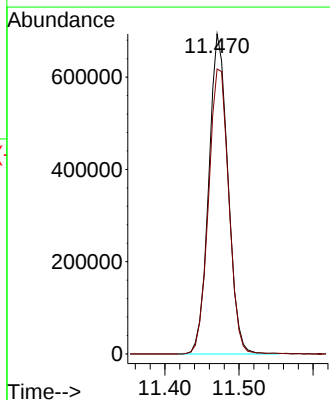
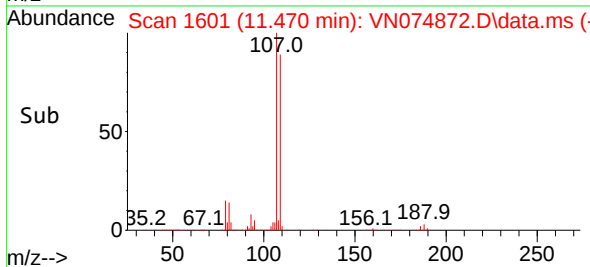
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

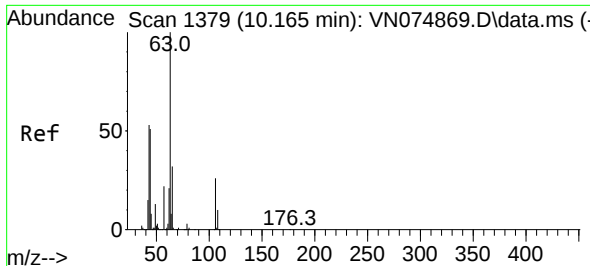


#54
1,2-Dibromoethane
Concen: 154.998 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14



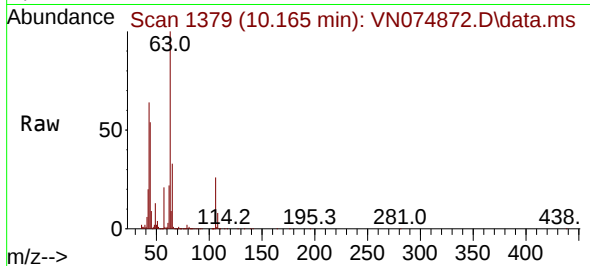
Tgt Ion:107 Resp: 1250158
Ion Ratio Lower Upper
107 100
109 93.5 76.2 114.2





#55
2-Chloroethyl vinyl ether
Concen: 779.046 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

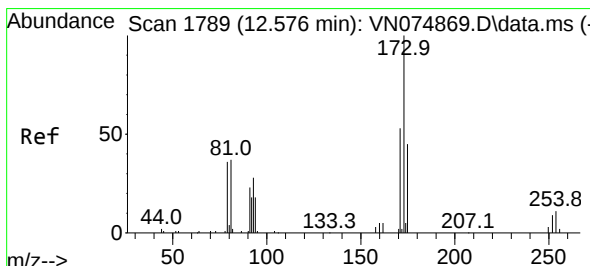
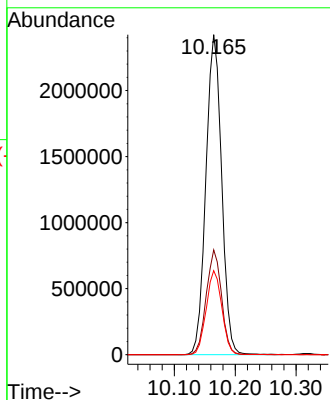
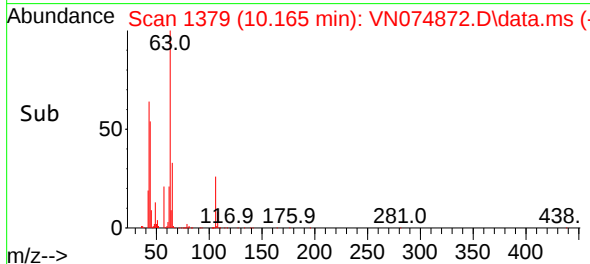
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



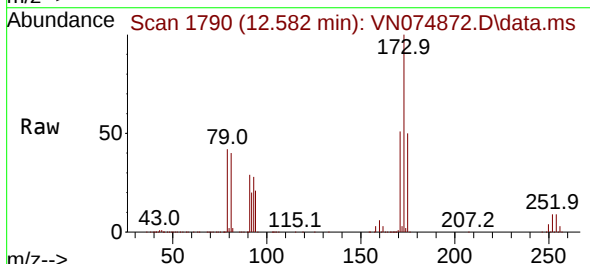
Tgt Ion: 63 Resp: 4350090
Ion Ratio Lower Upper
63 100
65 31.8 24.6 36.8
106 26.1 21.3 31.9

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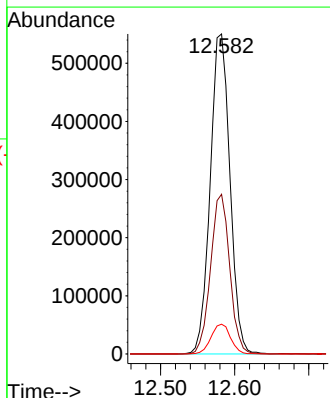
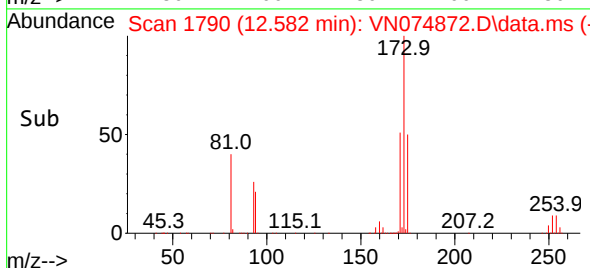
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

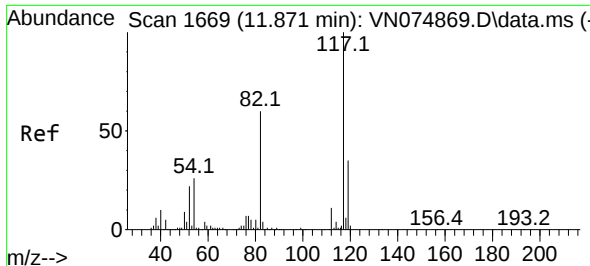


#56
Bromoform
Concen: 171.802 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.006 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14



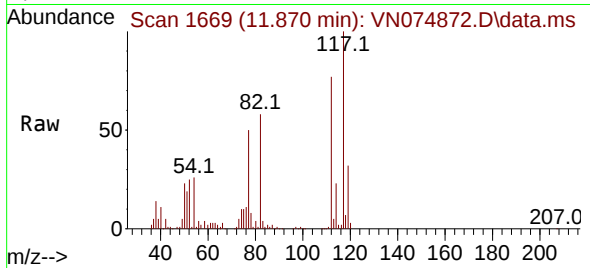
Tgt Ion:173 Resp: 1018248
Ion Ratio Lower Upper
173 100
175 48.3 39.1 58.7
254 9.2 7.0 10.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

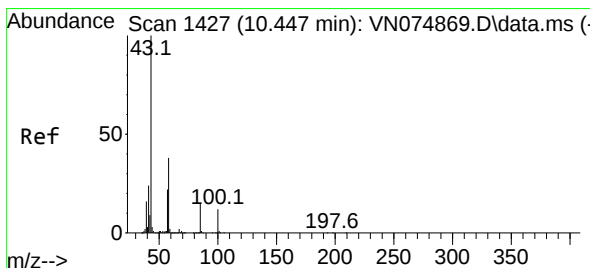
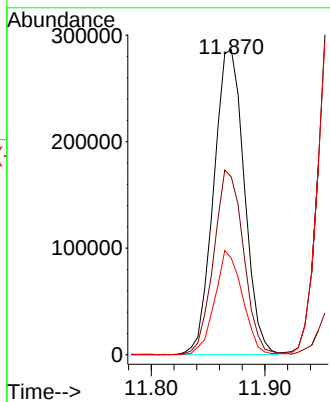
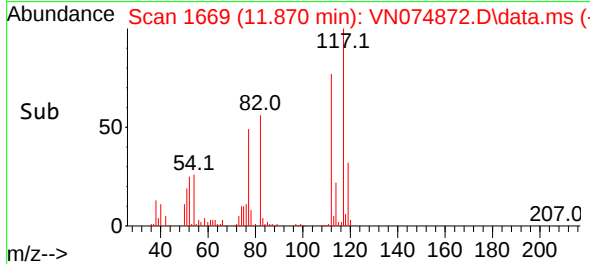
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 53580
Ion Ratio Lower Upper
117 100
82 59.2 44.6 67.0
119 31.0 25.6 38.4

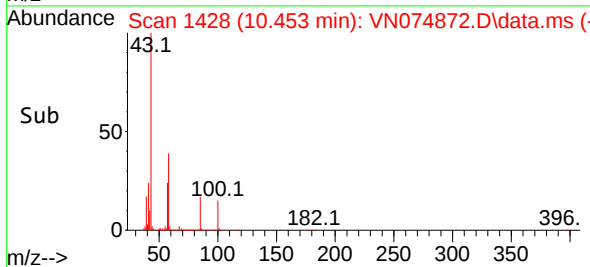
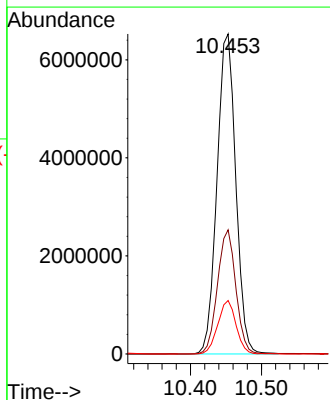
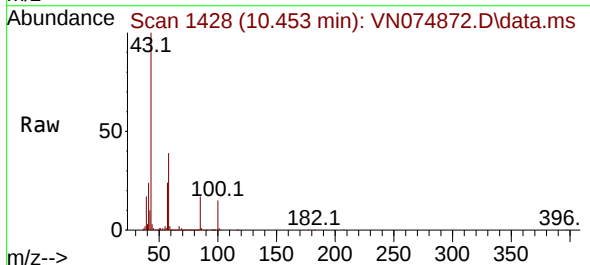
Manual Integrations
APPROVED

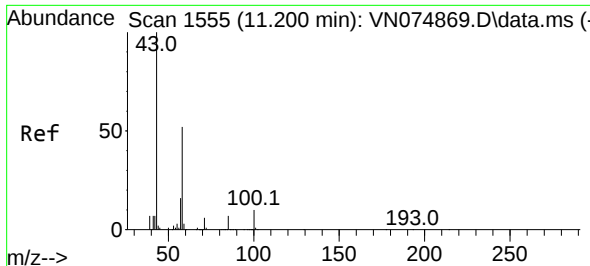
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#58
4-Methyl-2-Pentanone
Concen: 716.221 ug/l
RT: 10.453 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

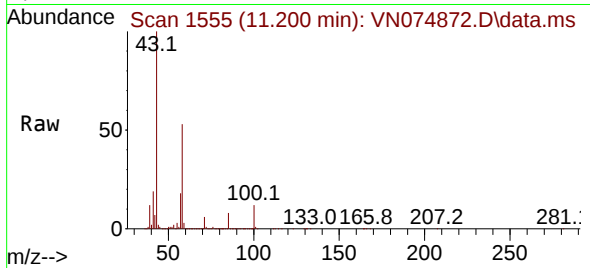
Tgt Ion: 43 Resp:11934834
Ion Ratio Lower Upper
43 100
58 37.9 30.8 46.2
85 16.3 13.3 19.9





#59
2-Hexanone
Concen: 714.353 ug/l
RT: 11.200 min Scan# 1155
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

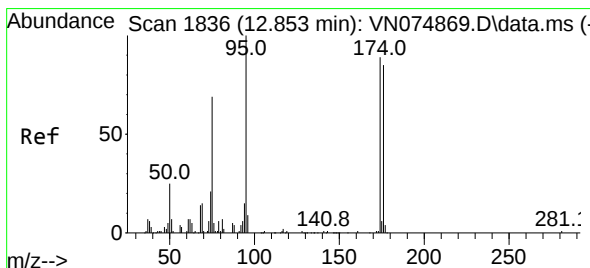
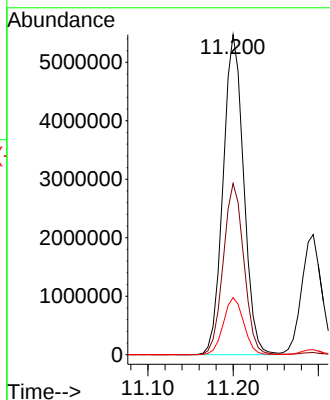
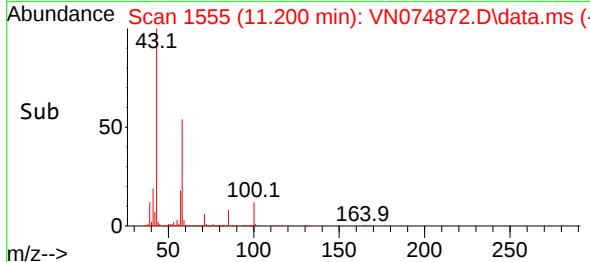
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



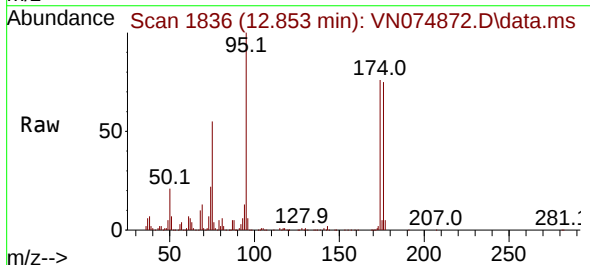
Tgt Ion: 43 Resp: 916112
Ion Ratio Lower Upper
43 100
58 53.6 43.6 65.4
57 17.7 14.3 21.5

Manual Integrations
APPROVED

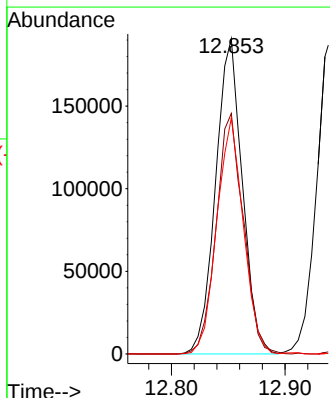
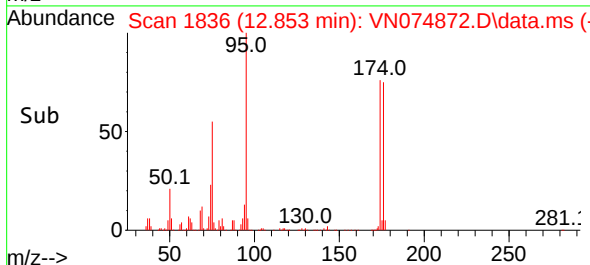
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

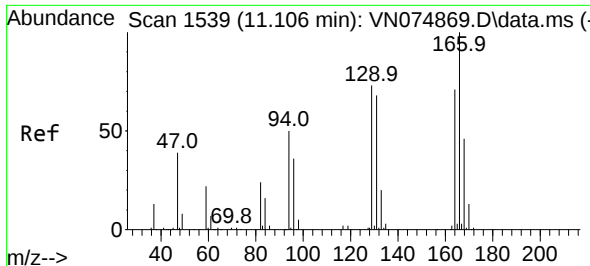


#60
4-Bromofluorobenzene
Concen: 32.841 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14



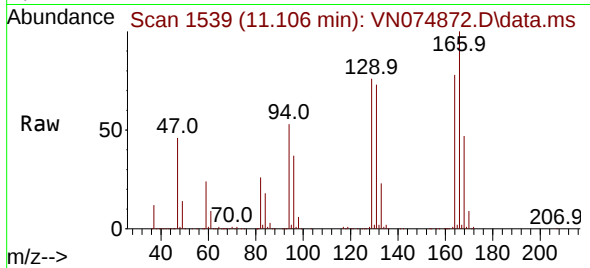
Tgt Ion: 95 Resp: 312048
Ion Ratio Lower Upper
95 100
174 77.3 57.8 86.8
176 74.3 57.0 85.4





#61
Tetrachloroethene
Concen: 141.527 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

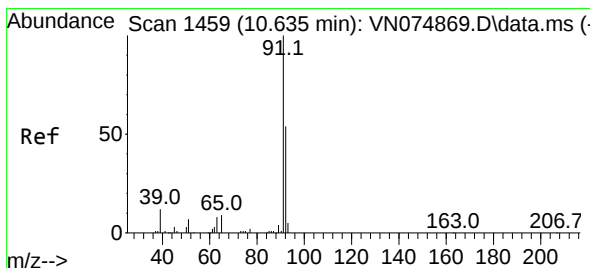
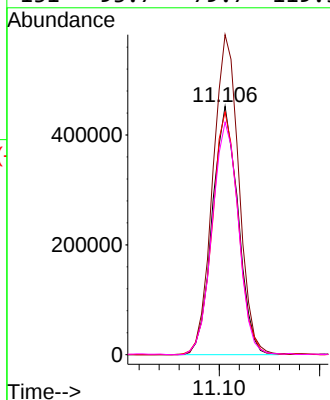
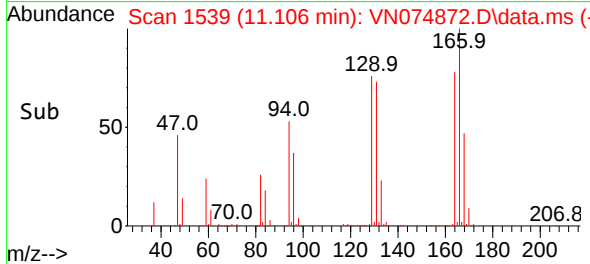
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



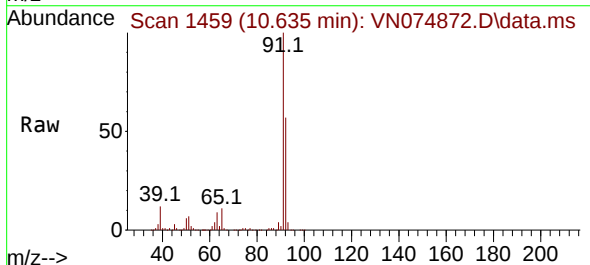
Tgt Ion:164 Resp: 808420
Ion Ratio Lower Upper
164 100
166 128.7 99.6 149.4
129 97.7 84.0 126.0
131 93.7 79.7 119.5

Manual Integrations
APPROVED

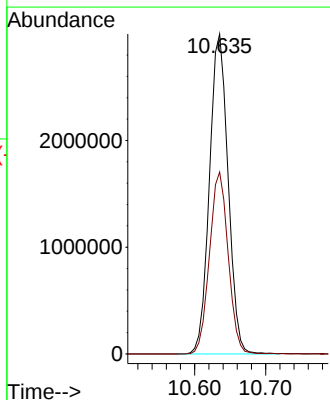
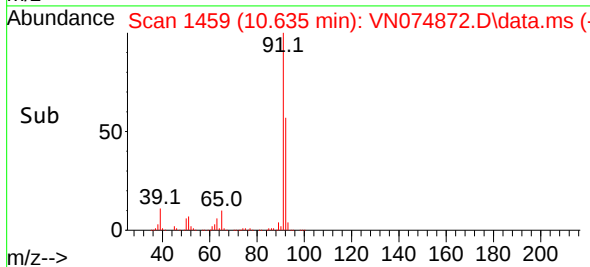
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

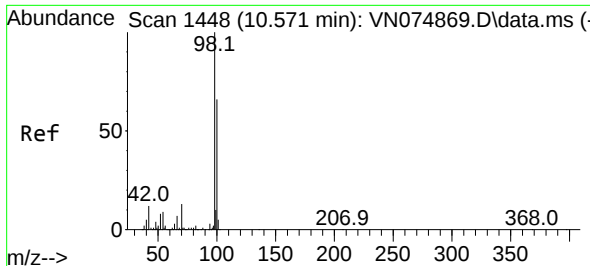


#62
Toluene
Concen: 147.232 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14



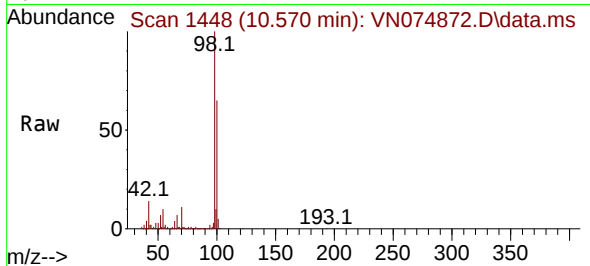
Tgt Ion: 91 Resp: 5450162
Ion Ratio Lower Upper
91 100
92 57.0 46.0 69.0





#63
Toluene-d8
Concen: 29.575 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

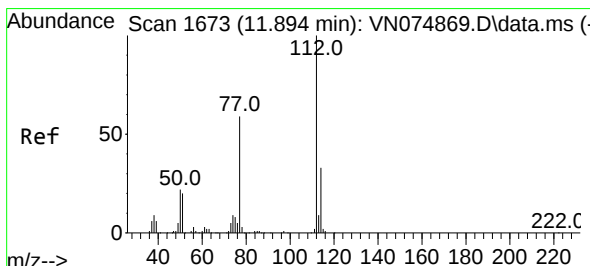
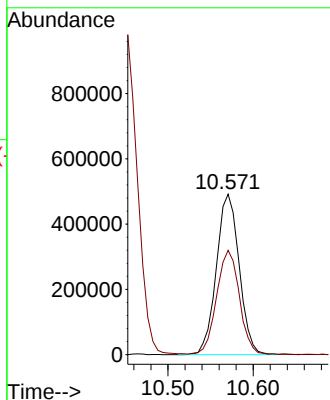
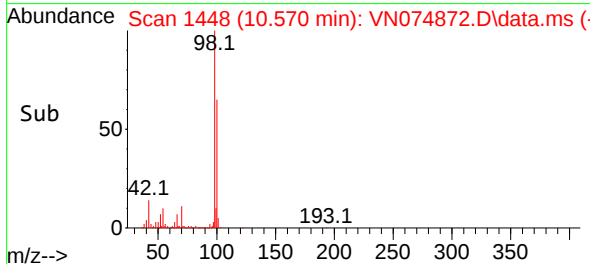
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 98 Resp: 914568
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1

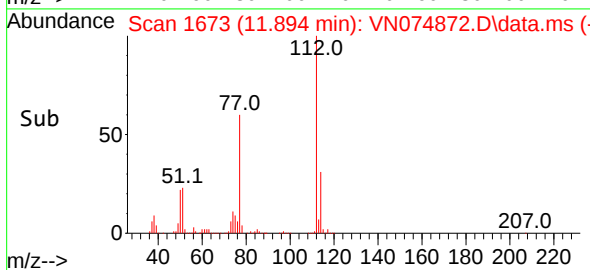
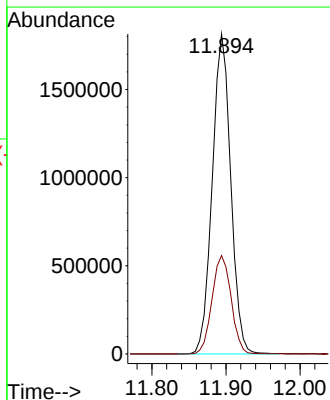
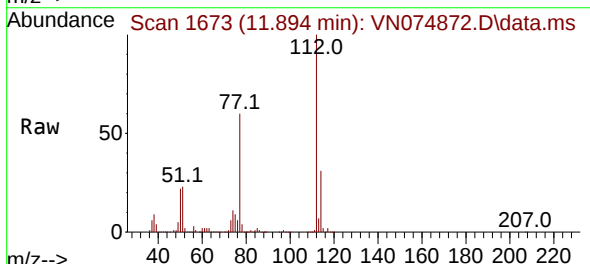
Manual Integrations
APPROVED

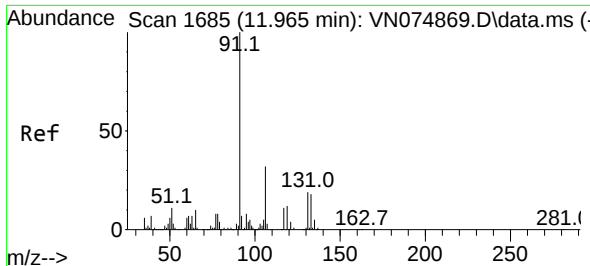
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#64
Chlorobenzene
Concen: 149.342 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

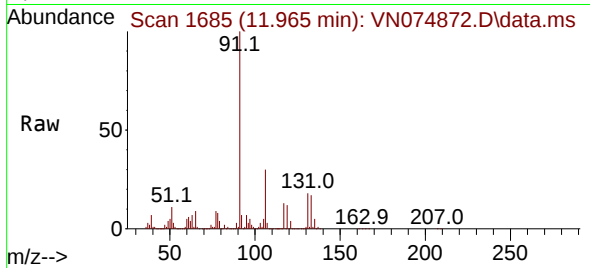
Tgt Ion:112 Resp: 3142287
Ion Ratio Lower Upper
112 100
114 30.7 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 145.407 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

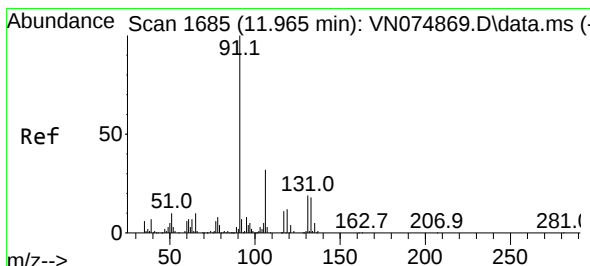
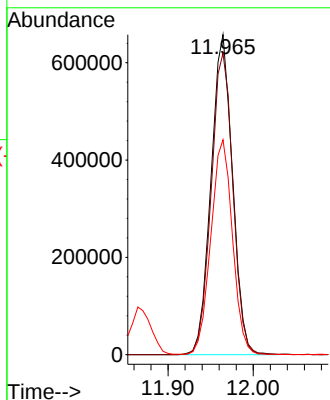
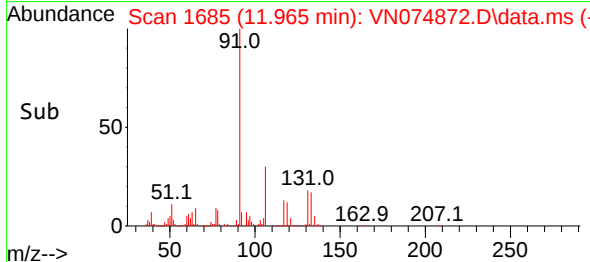
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



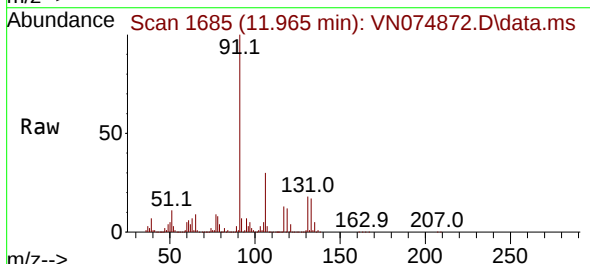
Tgt Ion:131 Resp: 1152364
Ion Ratio Lower Upper
131 100
133 95.5 0.0 191.8
119 67.7 0.0 135.8

Manual Integrations
APPROVED

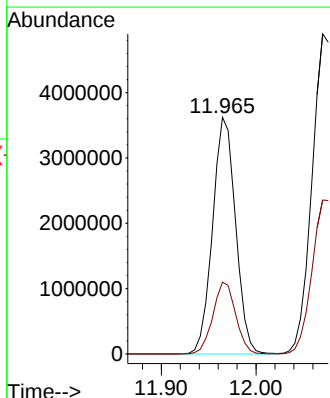
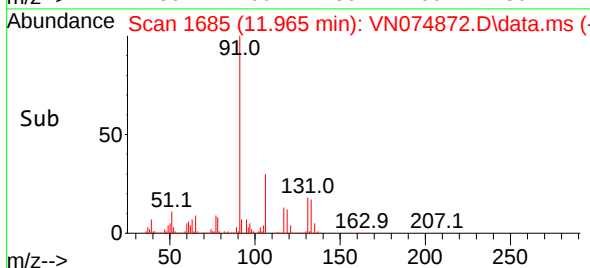
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

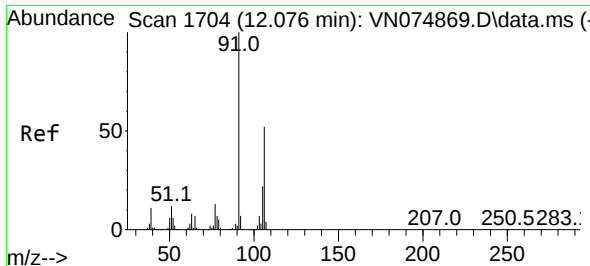


#66
Ethyl Benzene
Concen: 151.763 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14



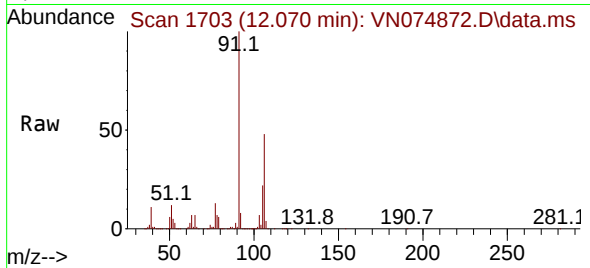
Tgt Ion: 91 Resp: 6108945
Ion Ratio Lower Upper
91 100
106 30.4 24.1 36.1





#67
m/p-Xylenes
Concen: 309.402 ug/l
RT: 12.070 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

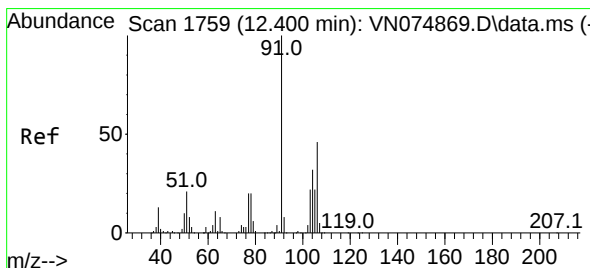
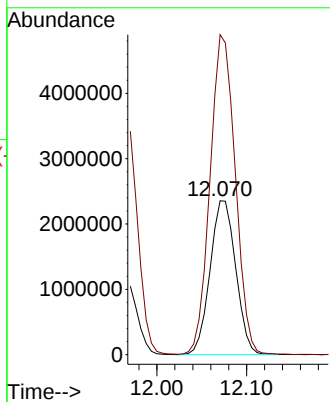
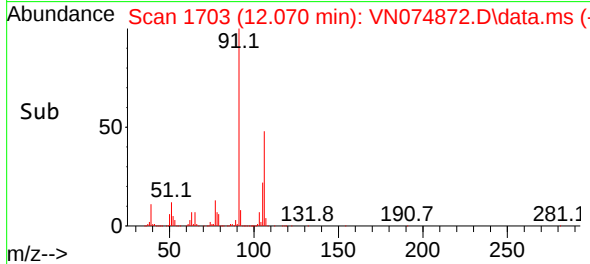
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



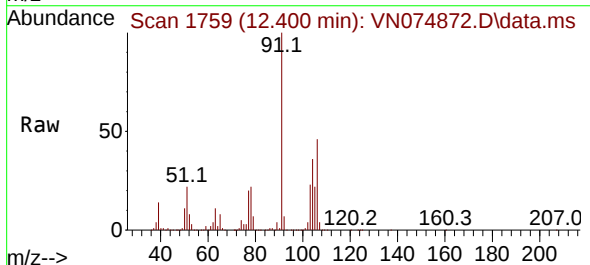
Tgt Ion:106 Resp: 4678799
Ion Ratio Lower Upper
106 100
91 205.0 164.2 246.4

Manual Integrations
APPROVED

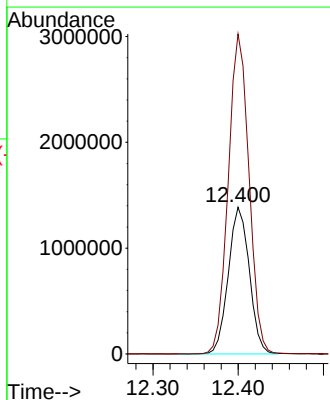
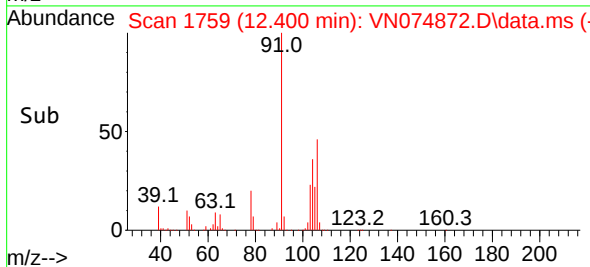
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

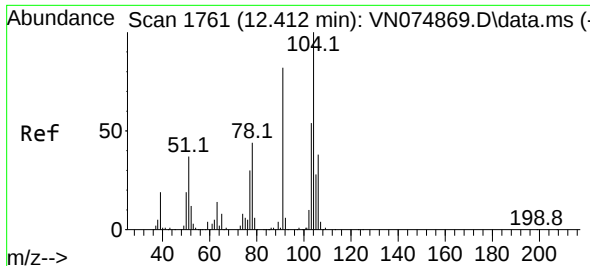


#68
o-Xylene
Concen: 154.715 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14



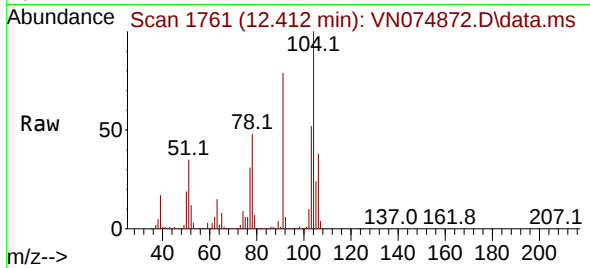
Tgt Ion:106 Resp: 2378180
Ion Ratio Lower Upper
106 100
91 215.6 108.5 325.5





#69
Styrene
Concen: 164.769 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

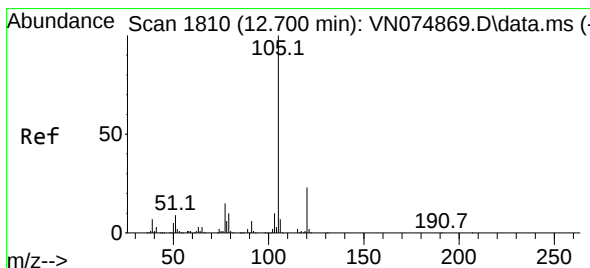
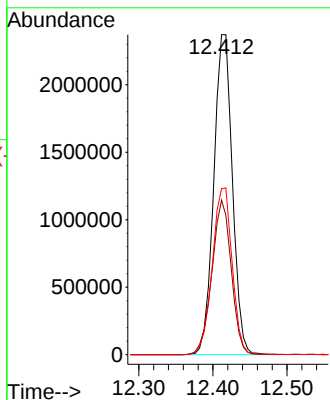
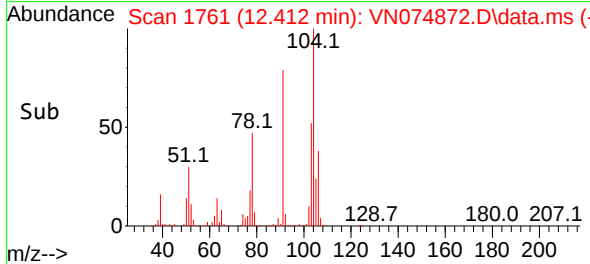
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:104 Resp: 4145374
Ion Ratio Lower Upper
104 100
78 50.0 39.9 59.9
103 55.3 43.8 65.8

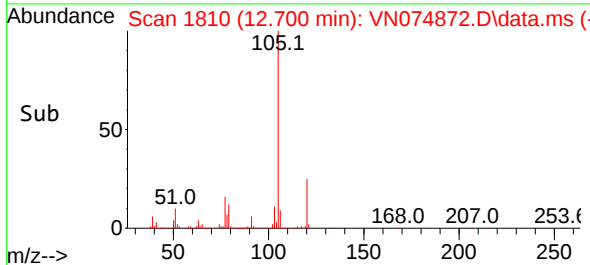
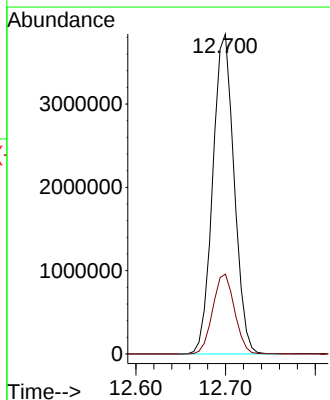
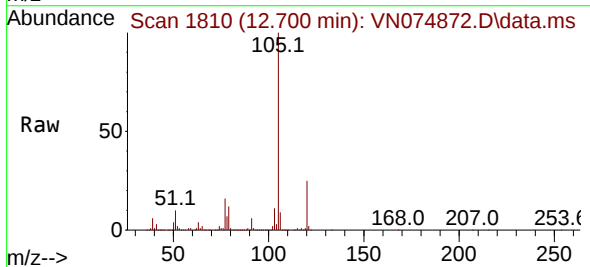
Manual Integrations
APPROVED

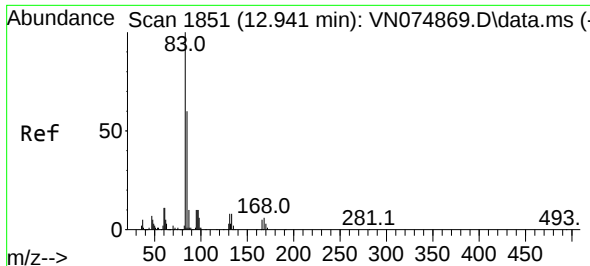
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#70
Isopropylbenzene
Concen: 160.210 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

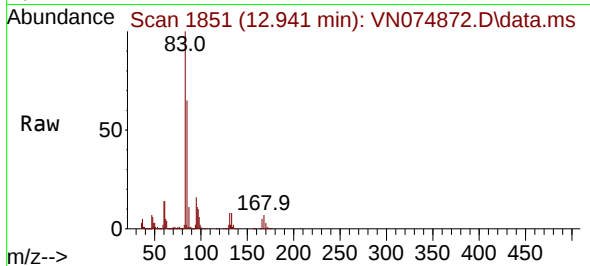
Tgt Ion:105 Resp: 6351387
Ion Ratio Lower Upper
105 100
120 25.4 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 143.236 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

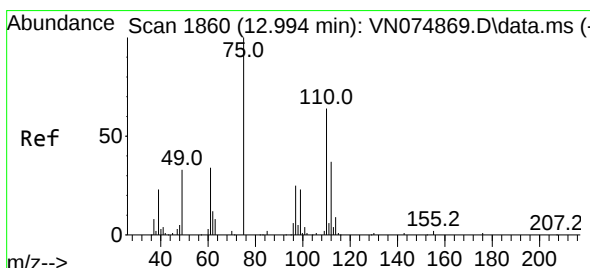
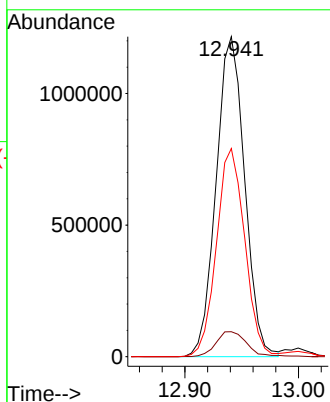
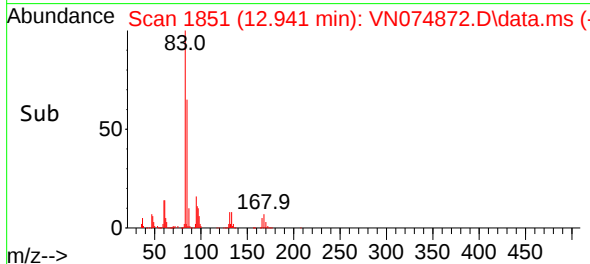
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



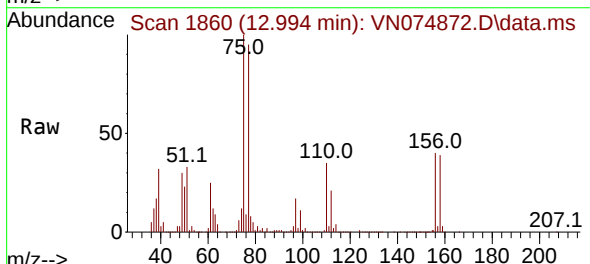
Tgt Ion: 83 Resp: 212415
Ion Ratio Lower Upper
83 100
131 8.5 4.5 13.5
85 64.5 30.9 92.7

Manual Integrations
APPROVED

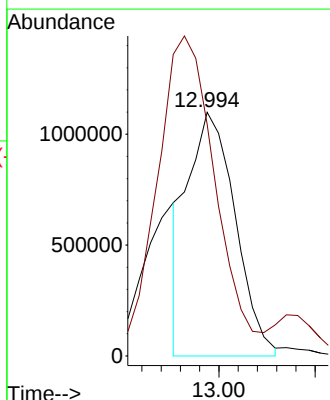
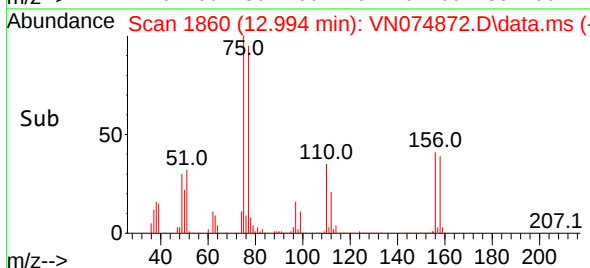
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

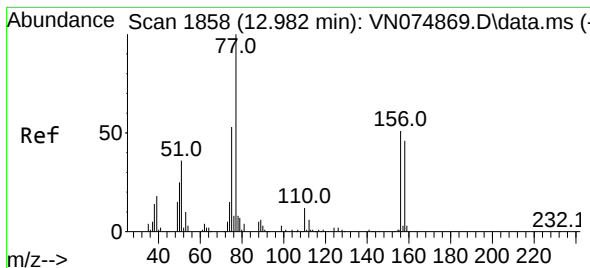


#72
1,2,3-Trichloropropane
Concen: 156.110 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14



Tgt Ion: 75 Resp: 1882775
Ion Ratio Lower Upper
75 100
77 161.9 0.0 372.4





#73

Bromobenzene

Concen: 153.163 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VN074872.D

Acq: 12 Oct 2022 12:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion:156 Resp: 1272410

Ion Ratio Lower Upper

156 100

77 239.5 0.0 491.8

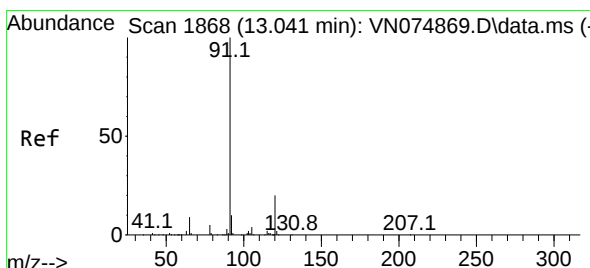
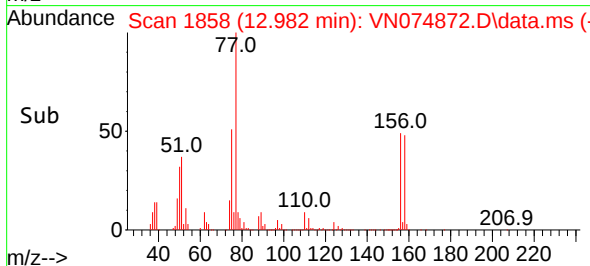
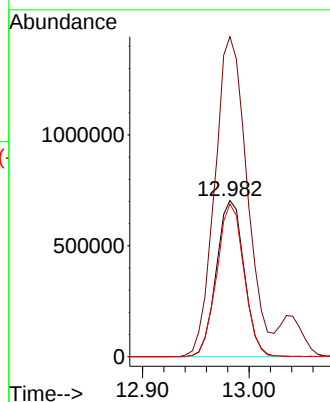
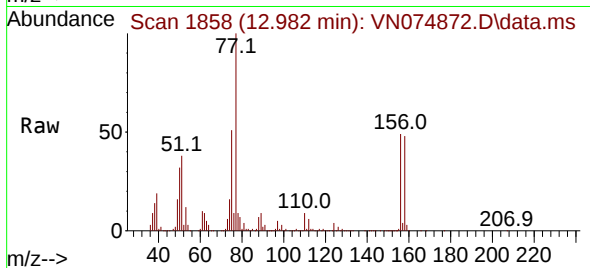
158 96.2 0.0 185.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#74

n-propylbenzene

Concen: 161.282 ug/l

RT: 13.041 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN074872.D

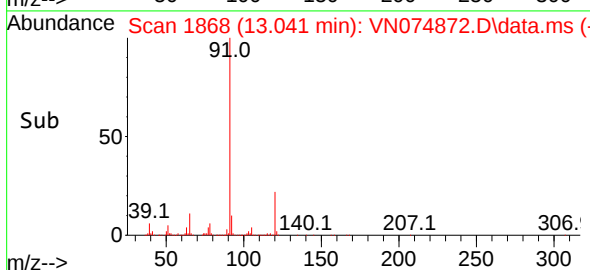
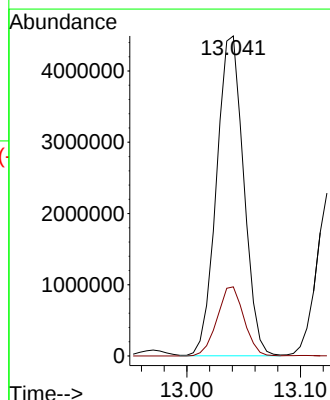
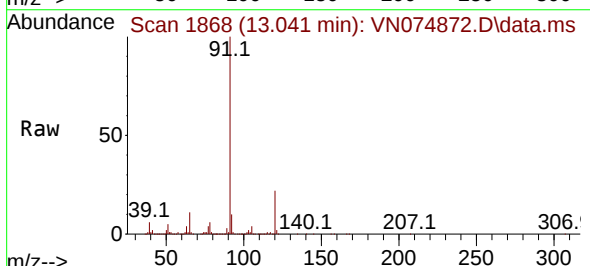
Acq: 12 Oct 2022 12:14

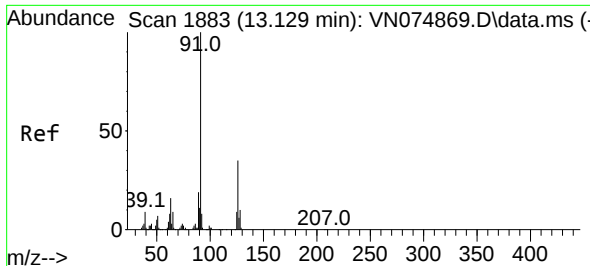
Tgt Ion: 91 Resp: 7454788

Ion Ratio Lower Upper

91 100

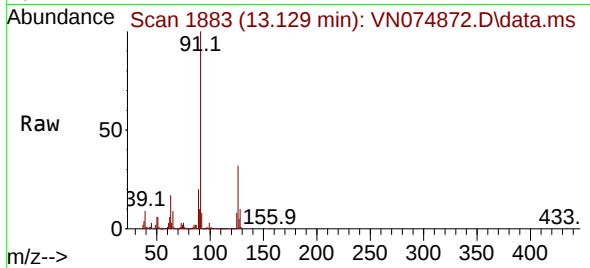
120 21.3 0.0 44.6





#75
2-Chlorotoluene
Concen: 156.698 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

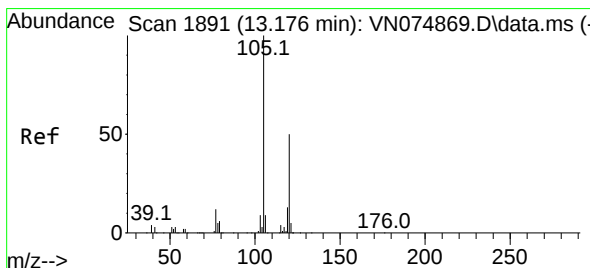
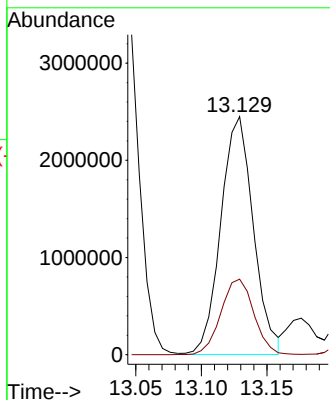
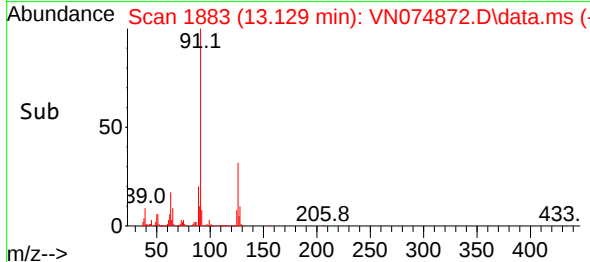
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



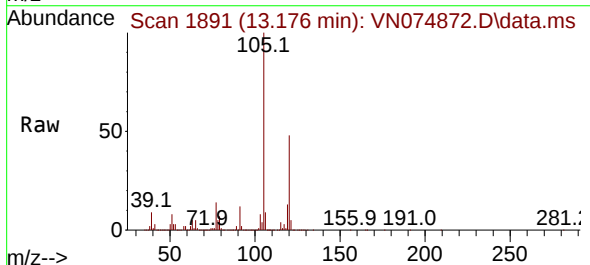
Tgt Ion: 91 Resp: 4237140
Ion Ratio Lower Upper
91 100
126 32.1 0.0 66.2

Manual Integrations
APPROVED

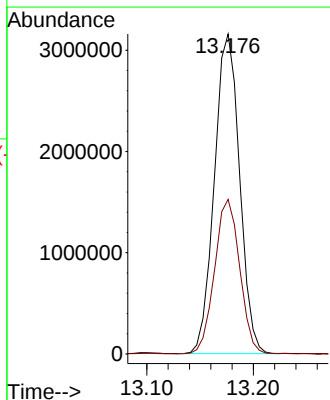
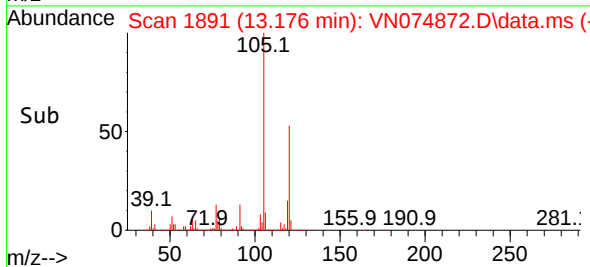
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

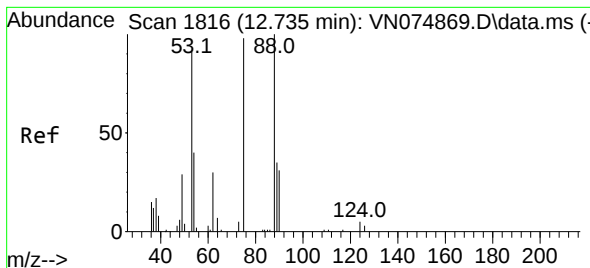


#76
1,3,5-Trimethylbenzene
Concen: 160.869 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14



Tgt Ion:105 Resp: 5182534
Ion Ratio Lower Upper
105 100
120 48.1 0.0 97.4





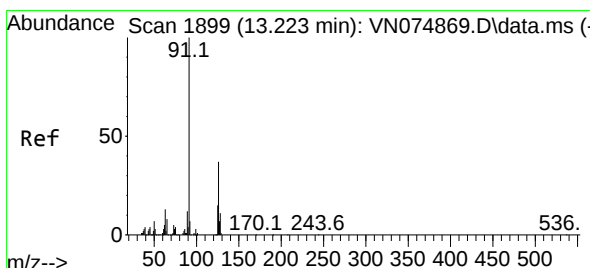
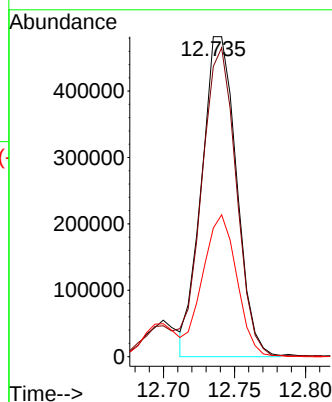
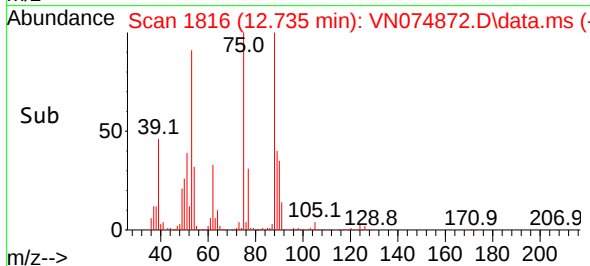
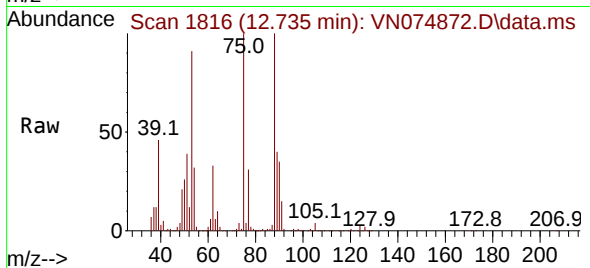
#77
t-1,4-Dichloro-2-butene
Concen: 159.158 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 823840
Ion Ratio Lower Upper
75 100
53 90.6 43.3 129.9
89 40.1 21.1 63.1

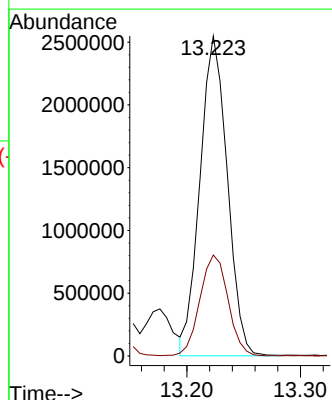
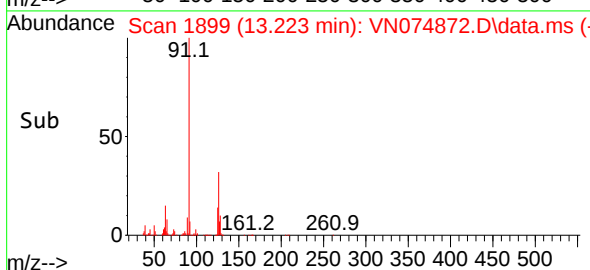
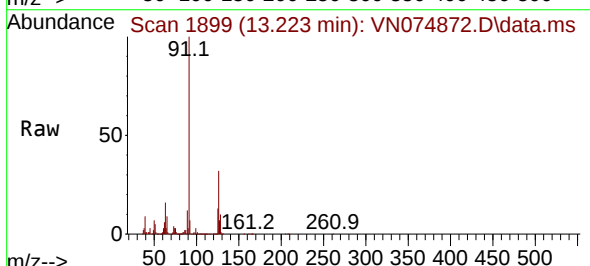
Manual Integrations
APPROVED

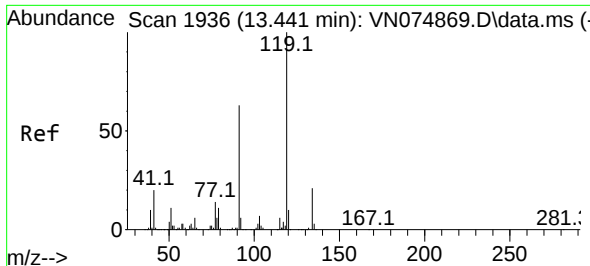
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#78
4-Chlorotoluene
Concen: 160.003 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

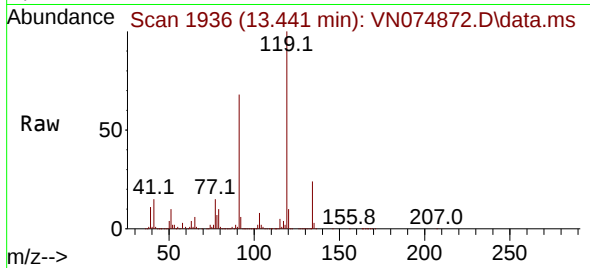
Tgt Ion: 91 Resp: 4259063
Ion Ratio Lower Upper
91 100
126 32.5 0.0 67.8





#79
tert-butylbenzene
Concen: 157.405 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

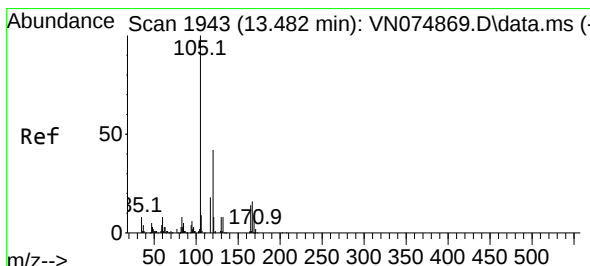
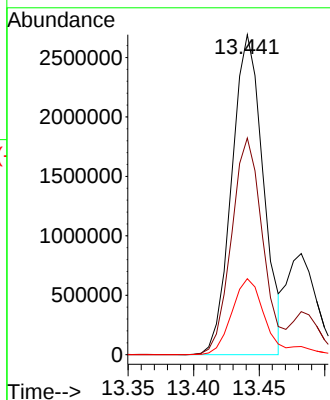
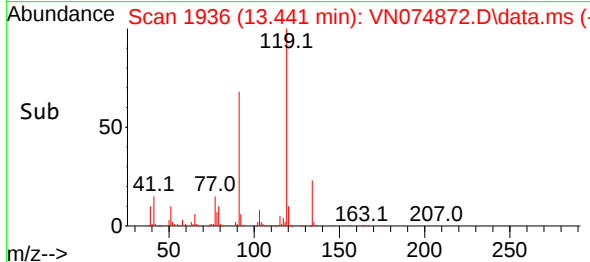
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



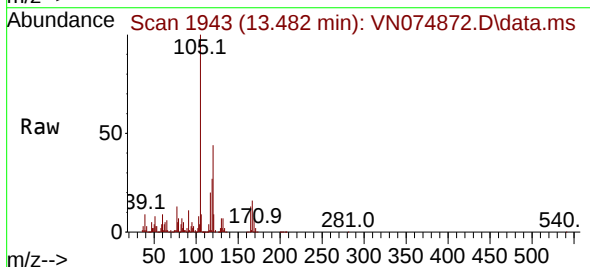
Tgt Ion:119 Resp: 4510820
Ion Ratio Lower Upper
119 100
91 67.7 0.0 129.0
134 24.0 0.0 52.2

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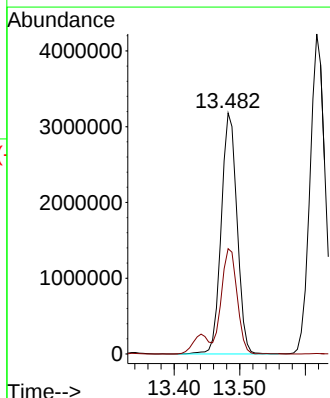
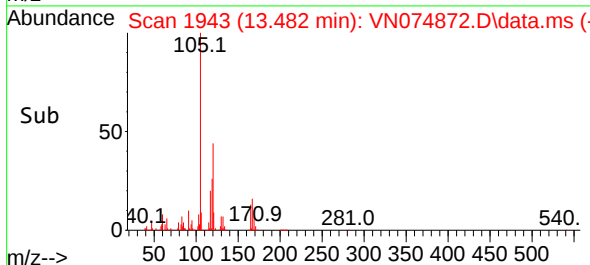
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

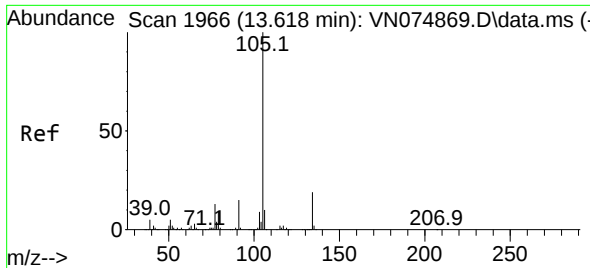


#80
1,2,4-Trimethylbenzene
Concen: 163.311 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14



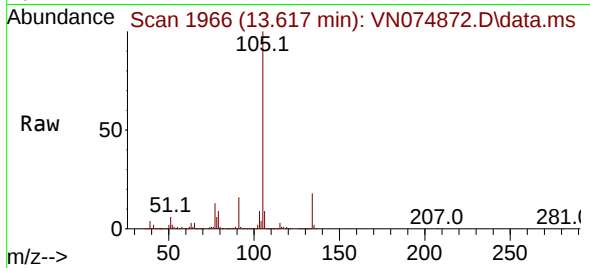
Tgt Ion:105 Resp: 5293751
Ion Ratio Lower Upper
105 100
120 42.8 0.0 93.2





#81
 sec-Butylbenzene
 Concen: 163.374 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN074872.D
 Acq: 12 Oct 2022 12:14

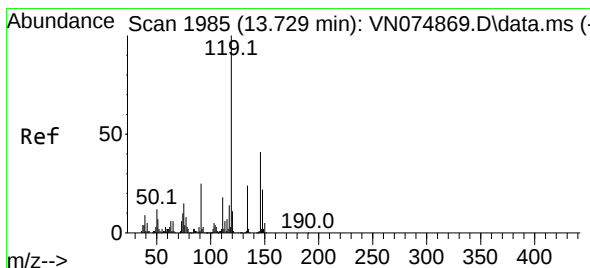
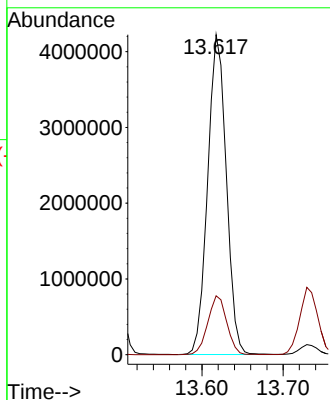
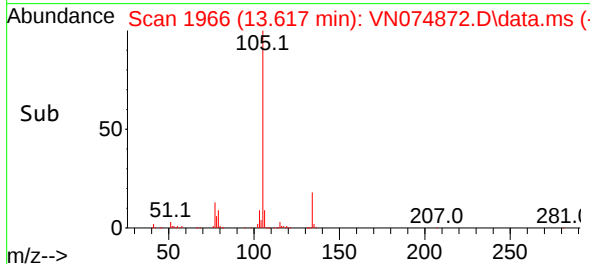
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



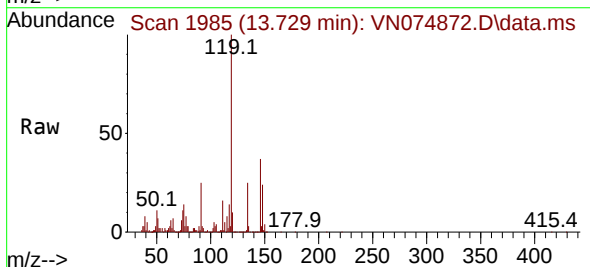
Tgt Ion:105 Resp: 672874
 Ion Ratio Lower Upper
 105 100
 134 18.7 0.0 38.8

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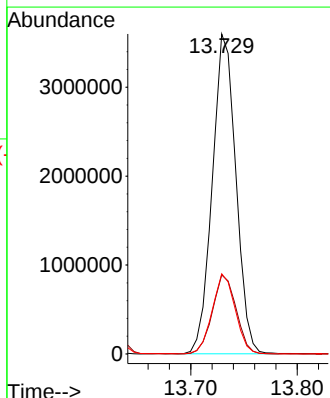
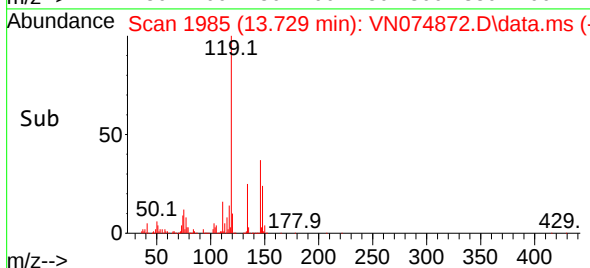
Reviewed By :John Carlone 10/13/2022
 Supervised By :Mahesh Dadoda 10/14/2022

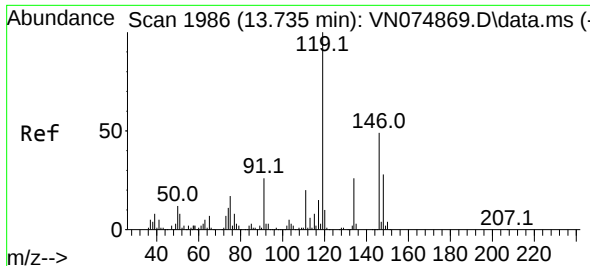


#82
 p-Isopropyltoluene
 Concen: 168.778 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN074872.D
 Acq: 12 Oct 2022 12:14



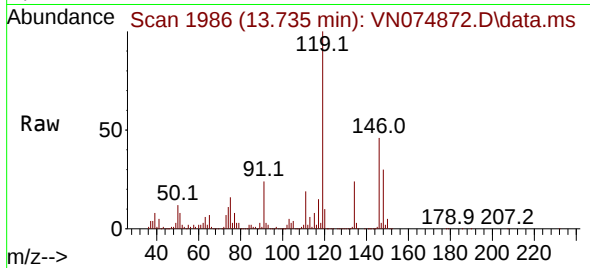
Tgt Ion:119 Resp: 5523210
 Ion Ratio Lower Upper
 119 100
 134 24.9 0.0 51.4
 91 24.4 0.0 46.8





#83
1,3-Dichlorobenzene
Concen: 161.657 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

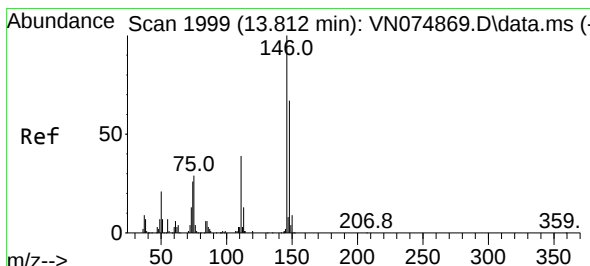
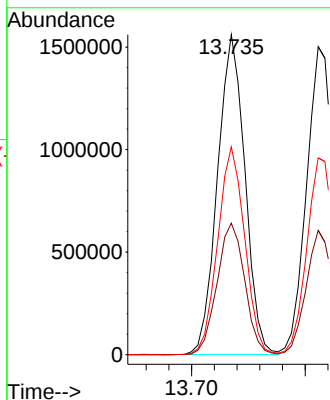
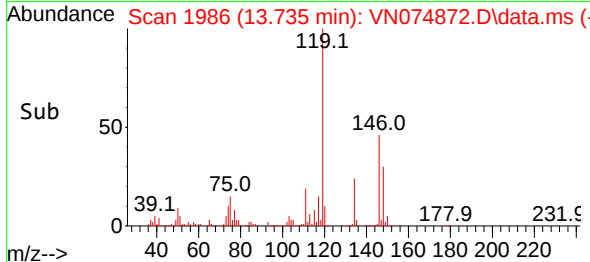
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



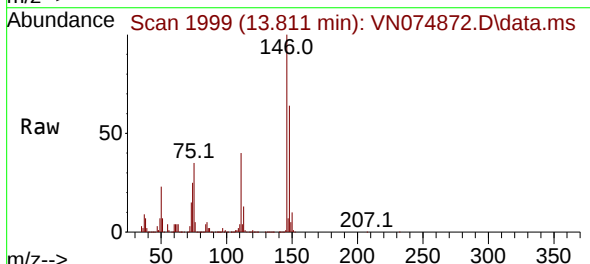
Tgt Ion:146 Resp: 2620509
Ion Ratio Lower Upper
146 100
111 41.4 20.5 61.5
148 63.9 31.0 93.0

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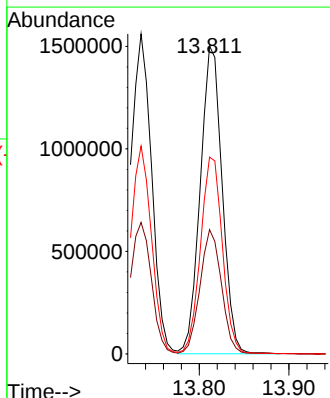
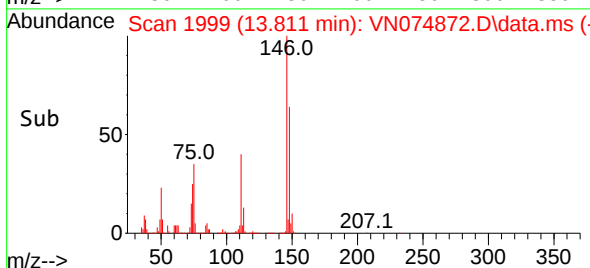
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

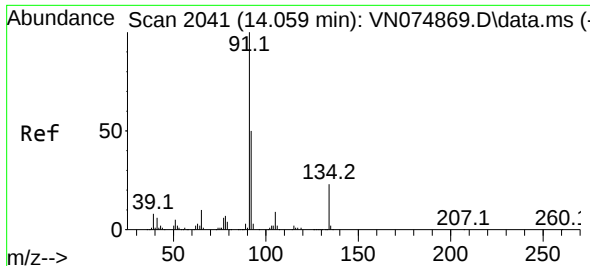


#84
1,4-Dichlorobenzene
Concen: 163.413 ug/l
RT: 13.811 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14



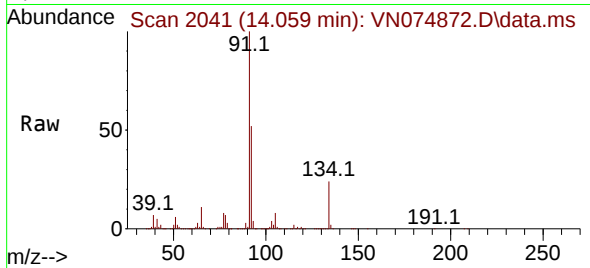
Tgt Ion:146 Resp: 2544381
Ion Ratio Lower Upper
146 100
111 39.6 19.1 57.5
148 63.8 31.7 95.1





#85
n-Butylbenzene
Concen: 178.536 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

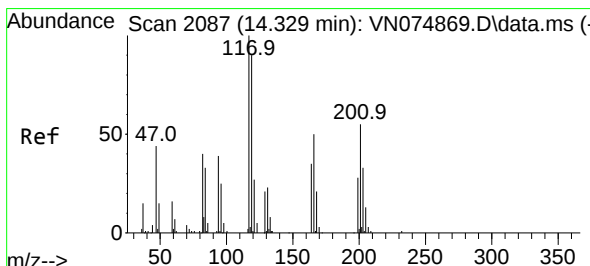
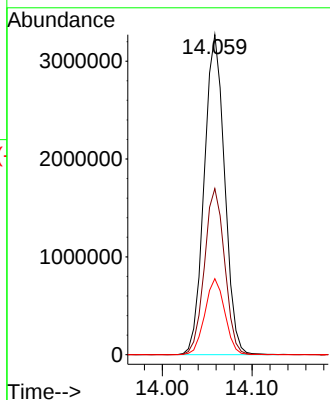
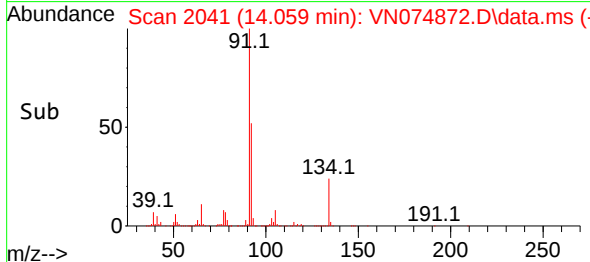
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 5157190
Ion Ratio Lower Upper
91 100
92 51.5 0.0 105.4
134 23.3 0.0 46.4

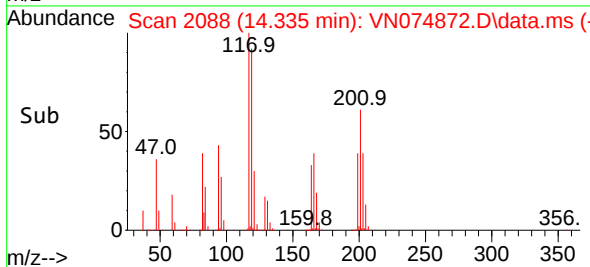
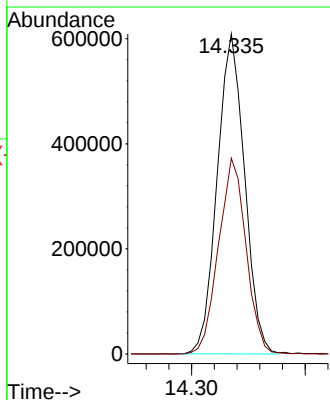
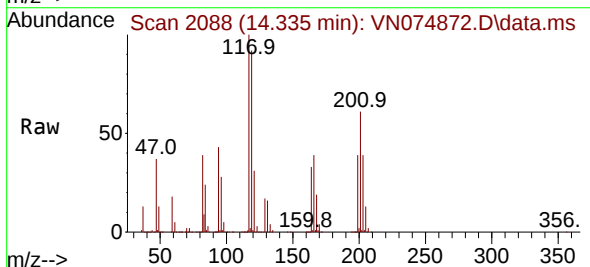
Manual Integrations
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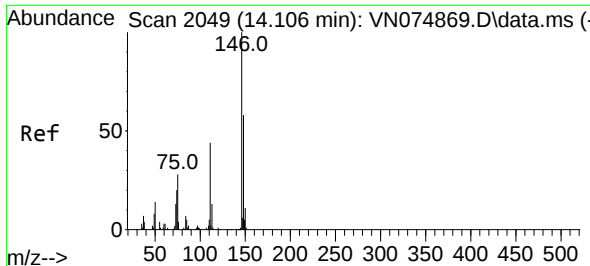
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#86
Hexachloroethane
Concen: 159.004 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.006 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

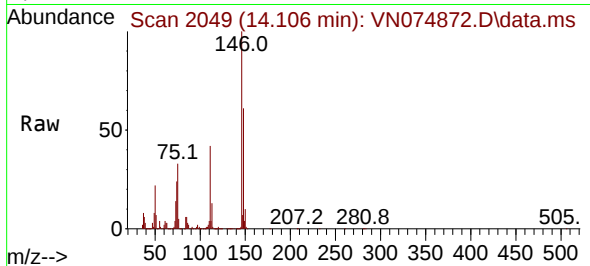
Tgt Ion:117 Resp: 1019048
Ion Ratio Lower Upper
117 100
201 61.5 29.4 88.3





#87
1,2-Dichlorobenzene
Concen: 164.982 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

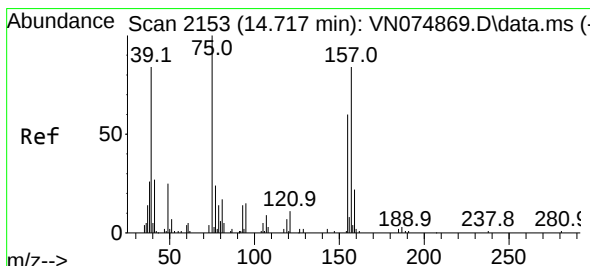
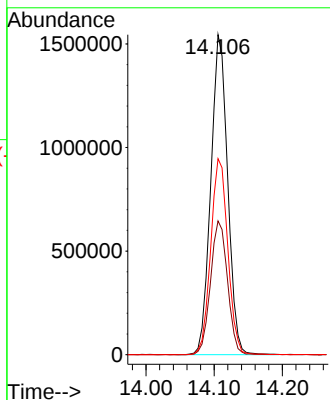
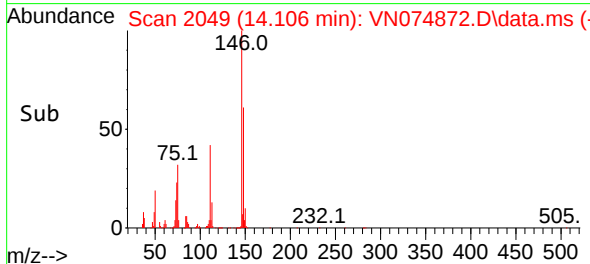
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



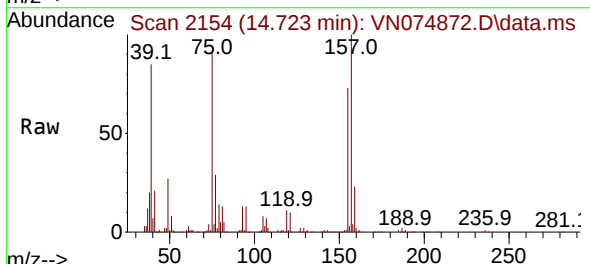
Tgt Ion:146 Resp: 2655394
Ion Ratio Lower Upper
146 100
111 42.0 21.4 64.2
148 62.1 30.6 92.0

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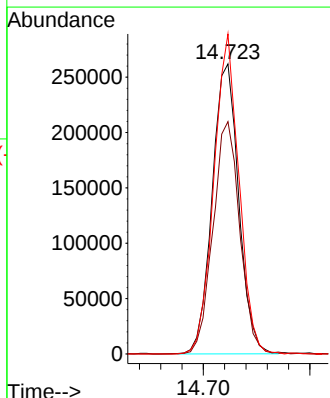
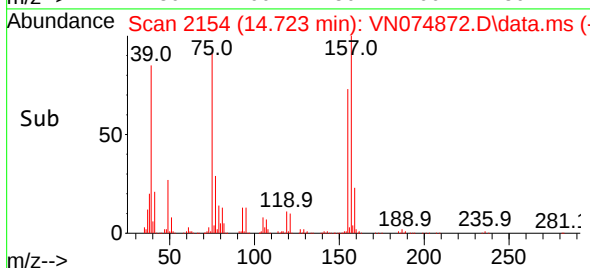
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

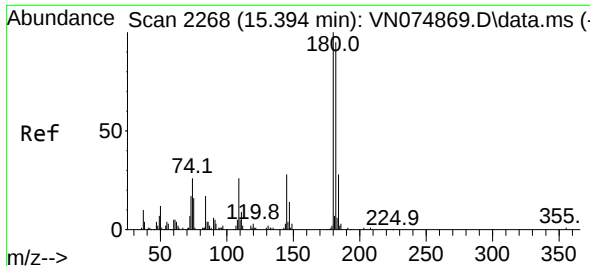


#88
1,2-Dibromo-3-Chloropropane
Concen: 151.192 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14



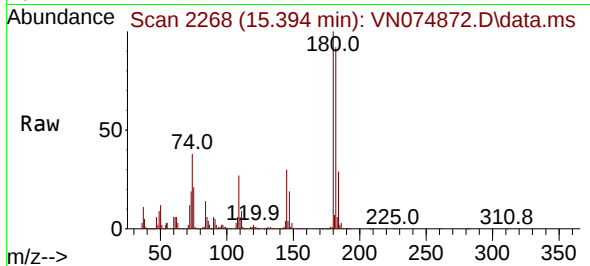
Tgt Ion: 75 Resp: 452522
Ion Ratio Lower Upper
75 100
155 80.7 66.3 99.5
157 104.5 84.3 126.5





#89
1,2,4-Trichlorobenzene
Concen: 177.480 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

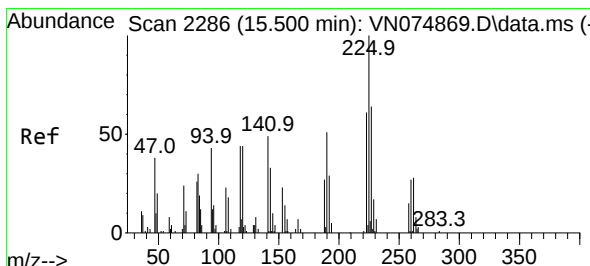
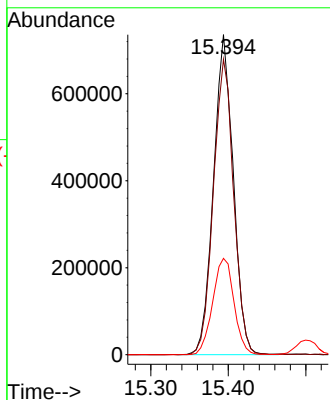
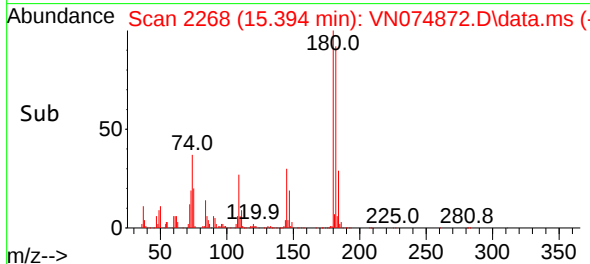
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



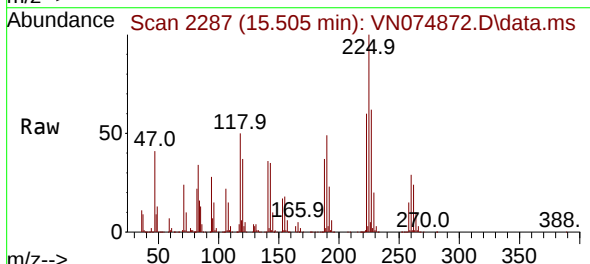
Tgt Ion:180 Resp: 1304615
Ion Ratio Lower Upper
180 100
182 94.7 74.9 112.3
145 32.4 26.3 39.5

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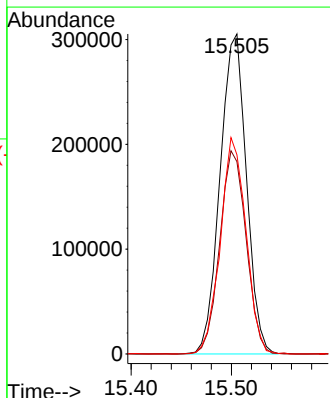
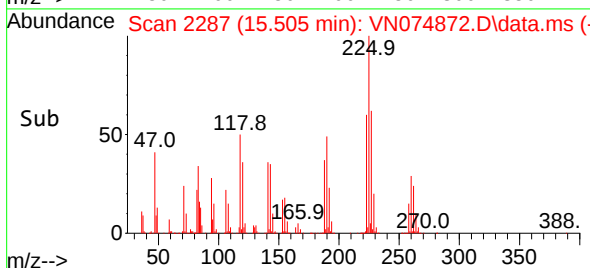
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

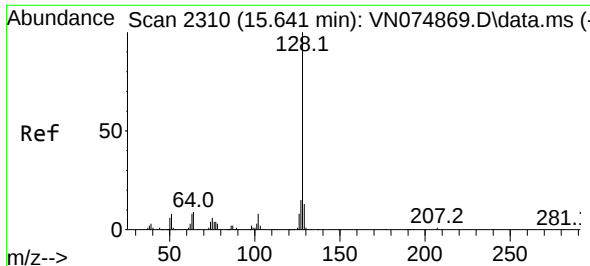


#90
Hexachlorobutadiene
Concen: 155.736 ug/l
RT: 15.505 min Scan# 2287
Delta R.T. 0.006 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14



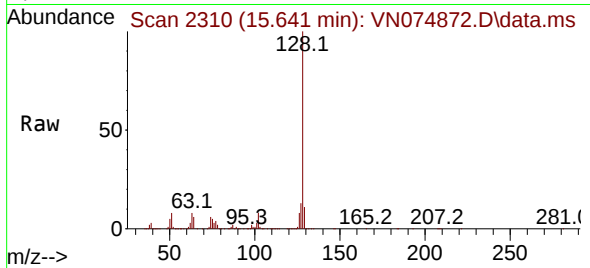
Tgt Ion:225 Resp: 558162
Ion Ratio Lower Upper
225 100
223 63.7 0.0 125.0
227 65.7 0.0 123.0





#91
Naphthalene
Concen: 176.031 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

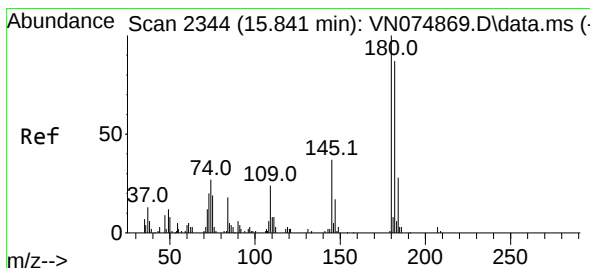
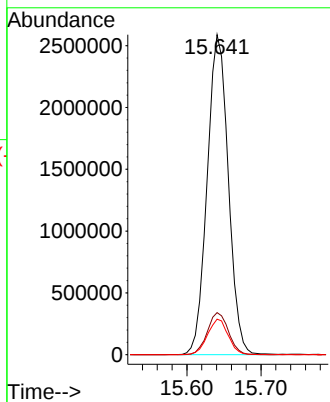
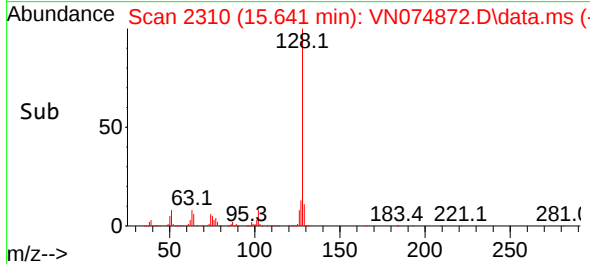
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:128 Resp: 513436
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 10.8 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: 166.330 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN074872.D
Acq: 12 Oct 2022 12:14

Tgt Ion:180 Resp: 1279016
Ion Ratio Lower Upper
180 100
182 95.4 0.0 185.4
145 34.1 0.0 68.6

