

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092722\
 Data File : VN074628.D
 Acq On : 27 Sep 2022 14:49
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN092722

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/28/2022
 Supervised By : Mahesh Dadoda 09/28/2022

Quant Time: Sep 28 07:55:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 28 07:48:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.492	128	130842	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.828	114	746727	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.622	117	679196	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.286	65	362754	29.404	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.000%		
60) 4-Bromofluorobenzene	12.604	95	352782	26.740	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	89.133%		
63) Toluene-d8	10.310	98	1161534	30.319	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.067%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.999	85	149375	19.426	ug/l	94
3) Chloromethane	2.216	50	241835	21.417	ug/l	95
4) Vinyl Chloride	2.357	62	304252	21.046	ug/l	91
5) Bromomethane	2.734	94	219909	23.601	ug/l	99
6) Chloroethane	2.899	64	206268	20.186	ug/l	95
7) Trichlorofluoromethane	3.246	101	262444	19.546	ug/l	97
8) Diethyl Ether	3.687	74	140758	19.874	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.046	101	171187	19.887	ug/l	74
10) 1,1-Dichloroethene	4.022	96	170004	19.153	ug/l	87
11) Methyl Iodide	4.251	142	215753	18.979	ug/l	95
12) Methyl Acetate	4.663	43	381266	20.064	ug/l	95
13) Acrolein	3.893	56	149835	96.874	ug/l	99
14) Acrylonitrile	5.357	53	785090	101.925	ug/l	99
15) Acetone	4.116	58	199594	98.658	ug/l	98
16) Carbon Disulfide	4.357	76	491760	19.714	ug/l	97
17) Allyl chloride	4.651	41	372374	20.574	ug/l	92
18) Methylene Chloride	4.893	84	237322	20.974	ug/l	99
19) trans-1,2-Dichloroethene	5.404	96	196205	19.560	ug/l	98
20) Diisopropyl ether	6.304	45	788714	19.922	ug/l	96
21) 1,1-Dichloroethane	6.192	63	404648	20.238	ug/l	99
22) cis-1,2-Dichloroethene	7.151	96	240416	19.864	ug/l	98
23) tert-Butyl Alcohol	5.169	59	309543	97.596	ug/l #	100
24) Methyl tert-Butyl Ether	5.422	73	732300	19.911	ug/l	100
25) Chloroform	7.657	83	381786	19.262	ug/l	97
26) Cyclohexane	7.934	56	338143	18.807	ug/l #	98
29) 1,1-Dichloropropene	8.069	75	277990	19.931	ug/l	97
30) 2-Butanone	7.163	43	1089439	102.382	ug/l	99
31) 2,2-Dichloropropane	7.151	77	313869	18.851	ug/l	99
32) 1,1,1-Trichloroethane	7.851	97	320440	19.449	ug/l	98
33) Carbon Tetrachloride	8.051	117	264776	19.214	ug/l	90
34) Benzene	8.304	78	918308	19.889	ug/l	97
35) Methacrylonitrile	7.469	41	179818	17.762	ug/l	97
36) 1,2-Dichloroethane	8.381	62	301264	19.982	ug/l	98
37) Trichloroethene	9.075	130	195403	19.930	ug/l	92
38) Methylcyclohexane	9.316	83	330559	18.312	ug/l	99
39) 1,2-Dichloropropane	9.351	63	248524	20.330	ug/l	94
40) Dibromomethane	9.439	93	159376	20.205	ug/l	99
41) Bromodichloromethane	9.628	83	312467	19.928	ug/l #	97
42) Vinyl Acetate	6.240	43	3563306	103.017	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.239	43	454283	22.043	ug/l	93
44) Isopropyl Acetate	8.416	43	684214	20.444	ug/l	100
45) 1,4-Dioxane	9.428	88	115208	403.394	ug/l	98
46) Methyl methacrylate	9.428	41	283953	20.371	ug/l	98
47) n-amyl Acetate	12.269	43	585953	19.129	ug/l	99
48) t-1,3-Dichloropropene	10.592	75	358830	18.851	ug/l	99
49) cis-1,3-Dichloropropene	10.057	75	380213	19.195	ug/l	98
50) 1,1,2-Trichloroethane	10.775	97	225735	19.684	ug/l	97
51) Ethyl methacrylate	10.639	69	405296	18.848	ug/l	98
52) 1,3-Dichloropropane	10.916	76	407720	20.060	ug/l	97
53) Dibromochloromethane	11.110	129	221889	18.308	ug/l	100
54) 1,2-Dibromoethane	11.216	107	232878	19.630	ug/l	97
55) 2-Chloroethyl vinyl ether	9.910	63	861854	103.280	ug/l	99
56) Bromoform	12.333	173	163552	17.264	ug/l	98
58) 4-Methyl-2-Pentanone	10.204	43	2232965	105.939	ug/l	99
59) 2-Hexanone	10.963	43	1689876	103.513	ug/l	99
61) Tetrachloroethene	10.845	164	143918	18.995	ug/l	95
62) Toluene	10.375	91	958391	19.270	ug/l	100
64) Chlorobenzene	11.645	112	552580	19.390	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.716	131	210562	19.665	ug/l	97
66) Ethyl Benzene	11.722	91	1018783	19.290	ug/l	99
67) m/p-Xylenes	11.827	106	776115	36.601	ug/l	97
68) o-Xylene	12.157	106	387409	17.944	ug/l	98
69) Styrene	12.169	104	641877	17.672	ug/l	99
70) Isopropylbenzene	12.457	105	962479	17.474	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.704	83	395300	20.217	ug/l	99
72) 1,2,3-Trichloropropane	12.757	75	271369m	18.334	ug/l	
73) Bromobenzene	12.733	156	201969	18.249	ug/l	92
74) n-propylbenzene	12.798	91	1126862	18.156	ug/l	98
75) 2-Chlorotoluene	12.880	91	666238	17.696	ug/l	99
76) 1,3,5-Trimethylbenzene	12.939	105	774169	16.669	ug/l	97
77) t-1,4-Dichloro-2-butene	12.504	75	143094	18.665	ug/l	90
78) 4-Chlorotoluene	12.980	91	651484	17.267	ug/l	99
79) tert-butylbenzene	13.198	119	682812	16.804	ug/l	98
80) 1,2,4-Trimethylbenzene	13.245	105	779515	16.994	ug/l	100
81) sec-Butylbenzene	13.380	105	975420	16.958	ug/l	99
82) p-Isopropyltoluene	13.492	119	771775	16.310	ug/l	99
83) 1,3-Dichlorobenzene	13.492	146	381250	16.762	ug/l	99
84) 1,4-Dichlorobenzene	13.568	146	366739	16.212	ug/l	98
85) n-Butylbenzene	13.821	91	660601	16.363	ug/l	99
86) Hexachloroethane	14.086	117	159972	17.551	ug/l	97
87) 1,2-Dichlorobenzene	13.863	146	388815	16.712	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.474	75	82051	20.038	ug/l	93
89) 1,2,4-Trichlorobenzene	15.133	180	180876	18.640	ug/l	97
90) Hexachlorobutadiene	15.239	225	76935	17.995	ug/l	96
91) Naphthalene	15.362	128	799162	19.631	ug/l	100
92) 1,2,3-Trichlorobenzene	15.551	180	185091	19.025	ug/l	98

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

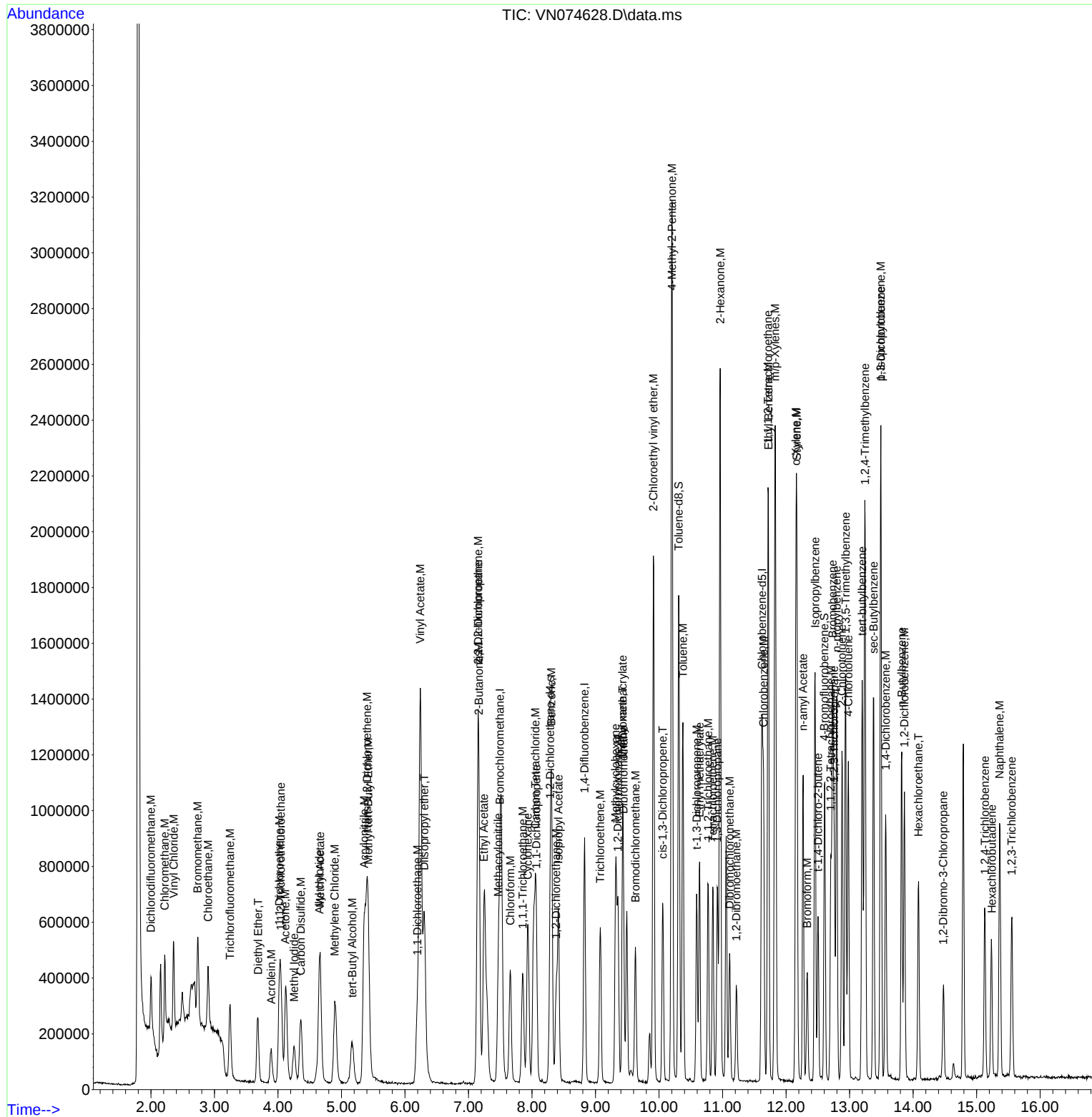
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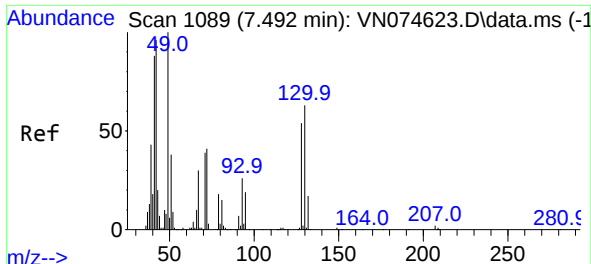
Instrument :
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ClientSampleId :
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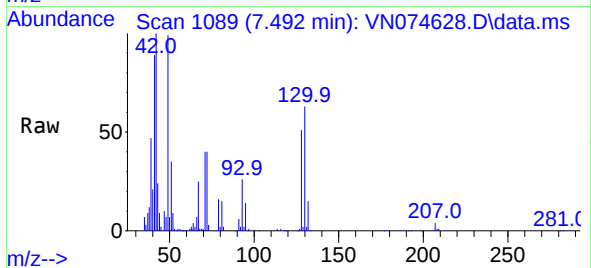
Quant Time: Sep 28 07:55:17 2022
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 28 07:48:31 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.492 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

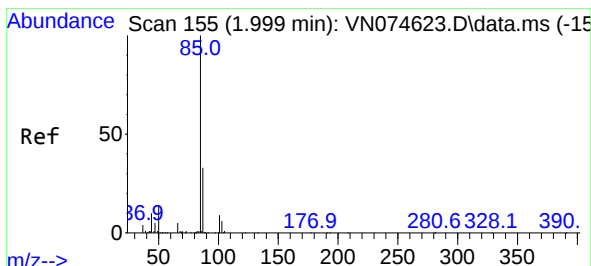
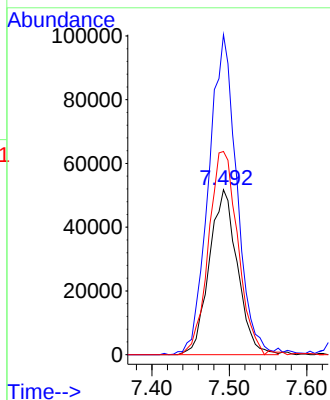
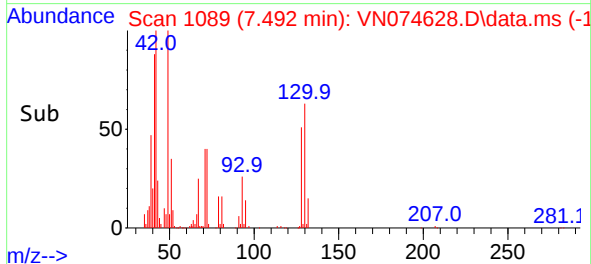
Instrument :
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ClientSampleId :
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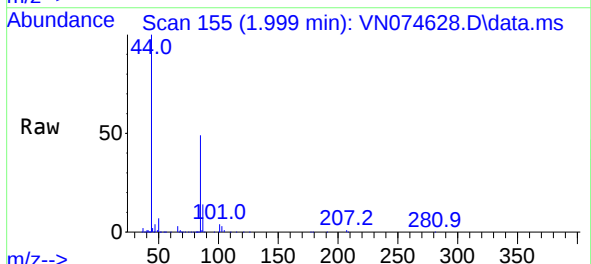
Tgt Ion:128 Resp: 13084
Ion Ratio Lower Upper
128 100
49 193.7 0.0 492.0
130 127.7 0.0 313.3

Manual Integrations
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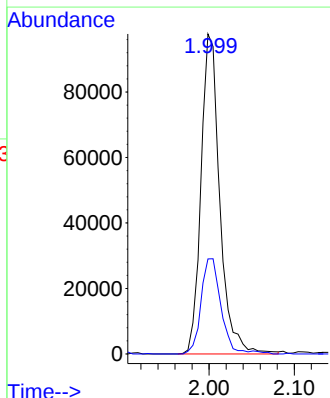
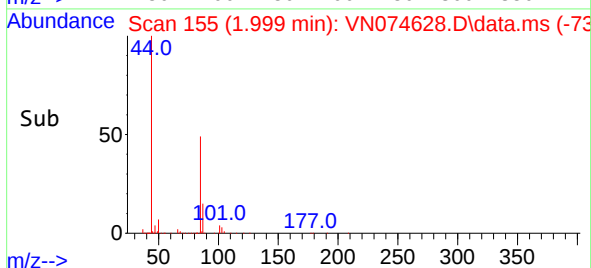
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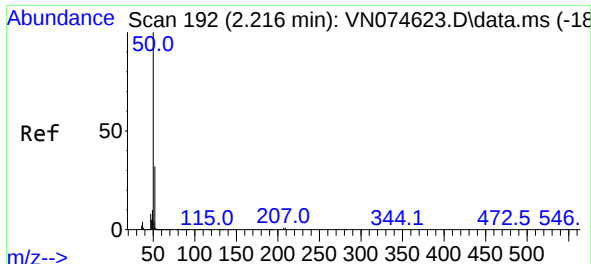


#2
Dichlorodifluoromethane
Concen: 19.426 ug/l
RT: 1.999 min Scan# 155
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49



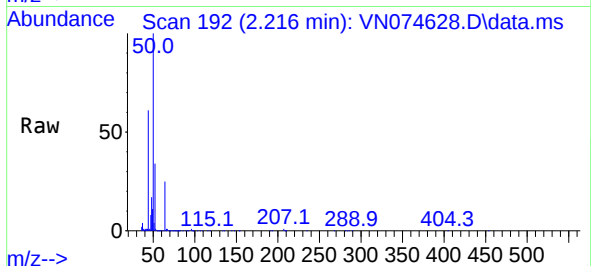
Tgt Ion: 85 Resp: 149375
Ion Ratio Lower Upper
85 100
87 29.7 16.7 50.1





#3
Chloromethane
Concen: 21.417 ug/l
RT: 2.216 min Scan# 192
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

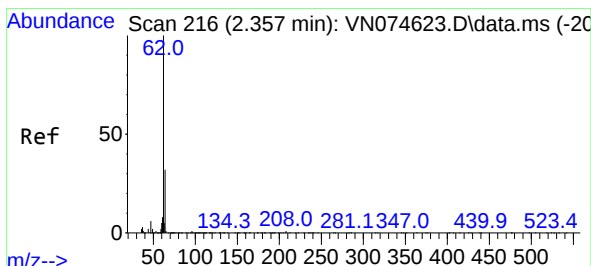
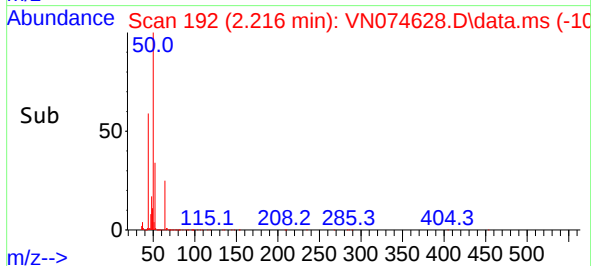
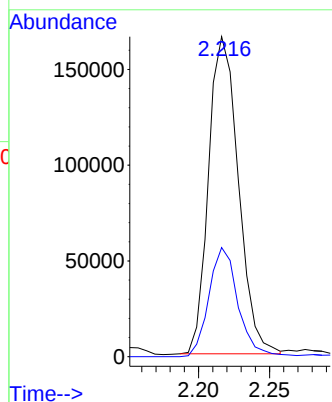
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Tgt Ion: 50 Resp: 24183
Ion Ratio Lower Upper
50 100
52 34.4 25.5 38.3

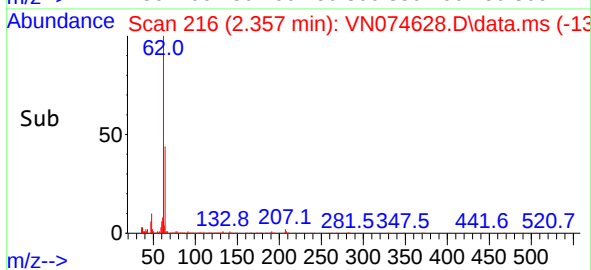
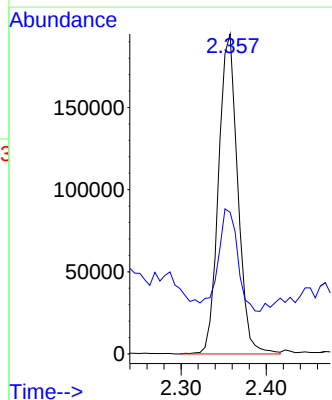
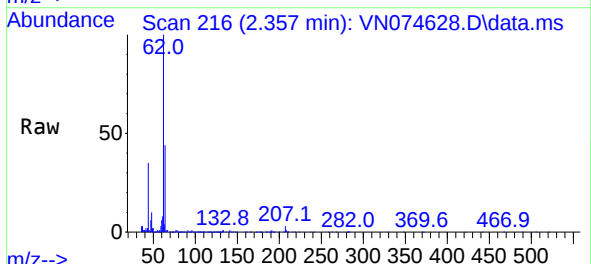
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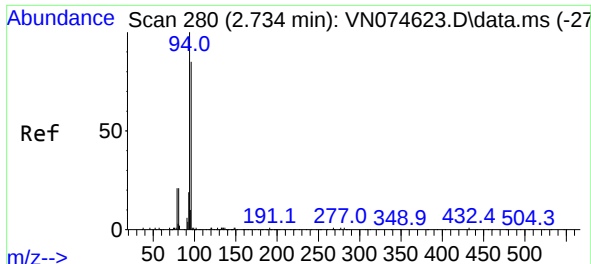
Reviewed By :John Carlone 09/28/2022
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#4
Vinyl Chloride
Concen: 21.046 ug/l
RT: 2.357 min Scan# 216
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

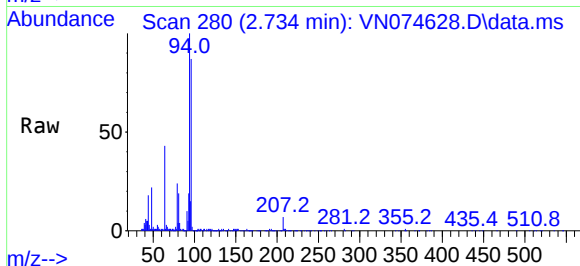
Tgt Ion: 62 Resp: 304252
Ion Ratio Lower Upper
62 100
64 26.8 25.6 38.4





#5
Bromomethane
Concen: 23.601 ug/l
RT: 2.734 min Scan# 219909
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

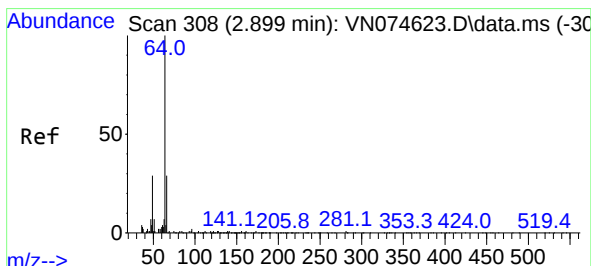
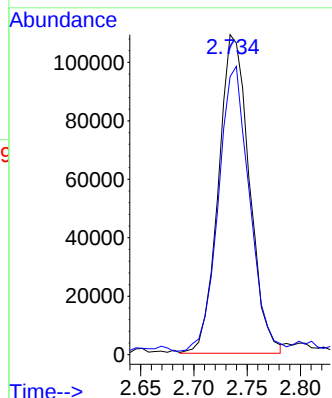
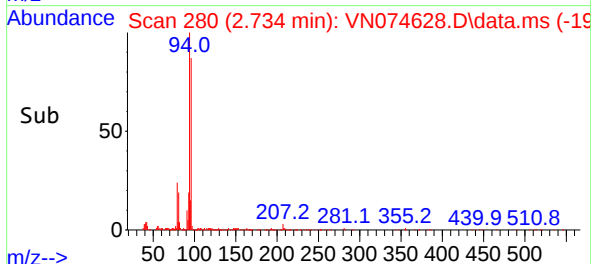
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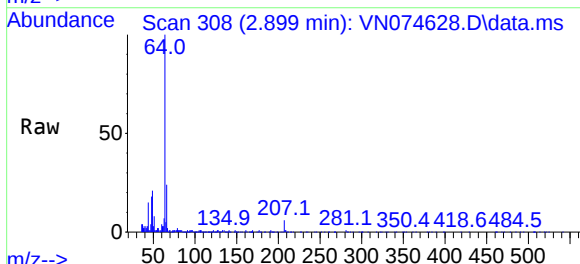
Tgt Ion: 94 Resp: 219909
Ion Ratio Lower Upper
94 100
96 86.3 68.3 102.5

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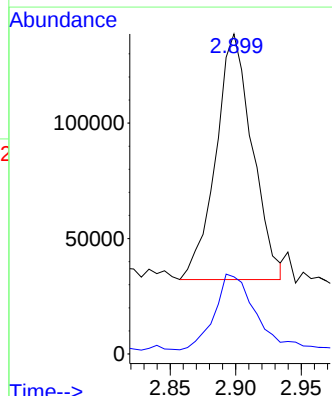
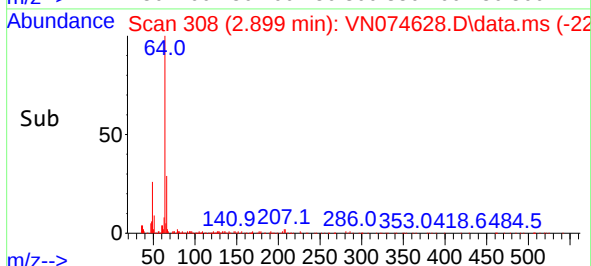
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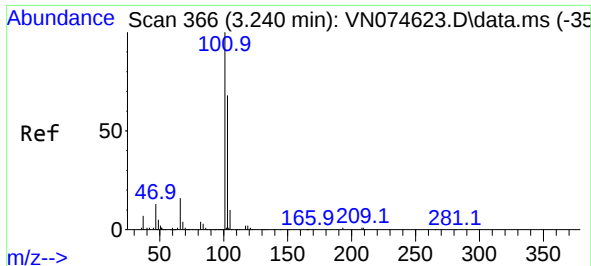


#6
Chloroethane
Concen: 20.186 ug/l
RT: 2.899 min Scan# 308
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49



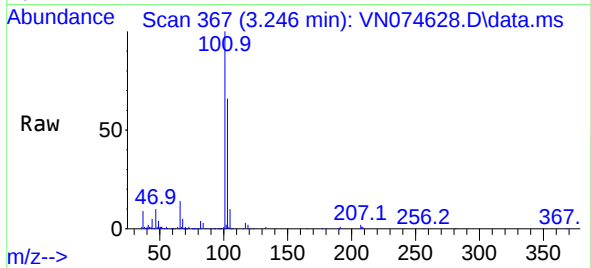
Tgt Ion: 64 Resp: 206268
Ion Ratio Lower Upper
64 100
66 29.8 21.8 32.8





#7
Trichlorofluoromethane
Concen: 19.546 ug/l
RT: 3.246 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

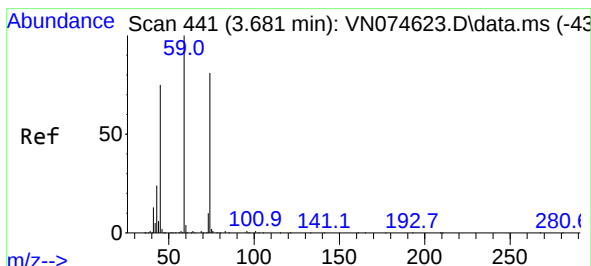
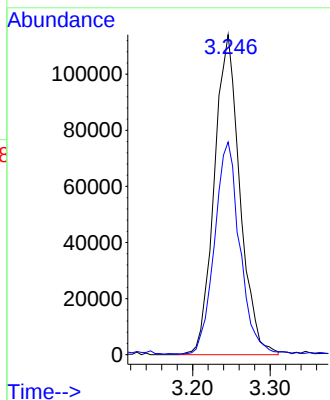
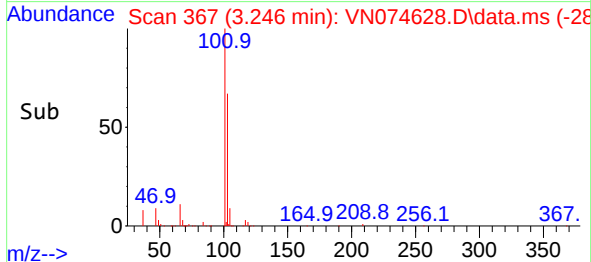
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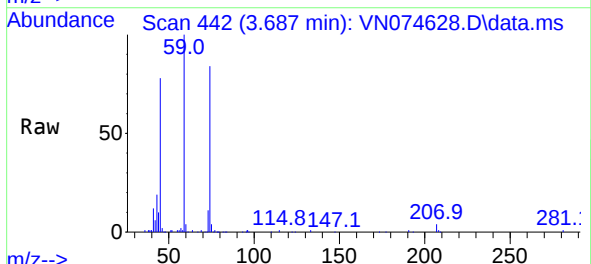
Tgt Ion:101 Resp: 26244
Ion Ratio Lower Upper
101 100
103 66.1 54.8 82.2

Manual Integrations
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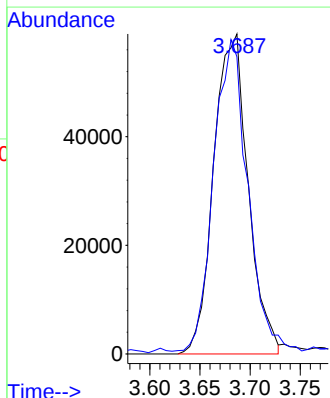
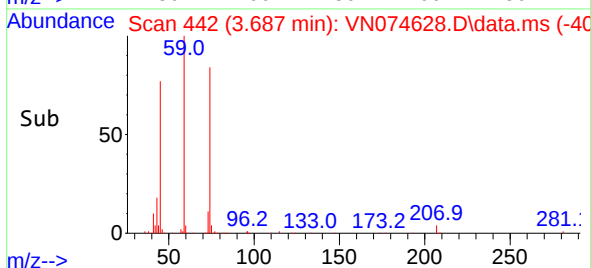
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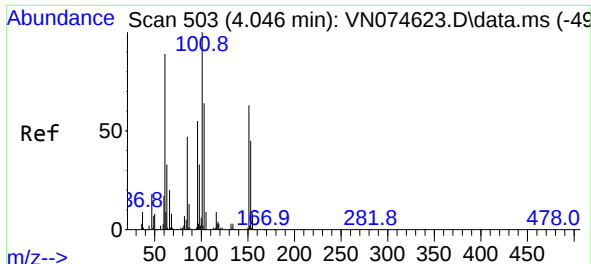


#8
Diethyl Ether
Concen: 19.874 ug/l
RT: 3.687 min Scan# 442
Delta R.T. 0.006 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49



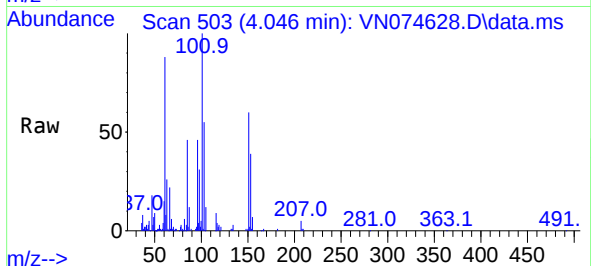
Tgt Ion: 74 Resp: 140758
Ion Ratio Lower Upper
74 100
45 97.1 19.0 171.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.887 ug/l
RT: 4.046 min Scan# 503
Delta R.T. -0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

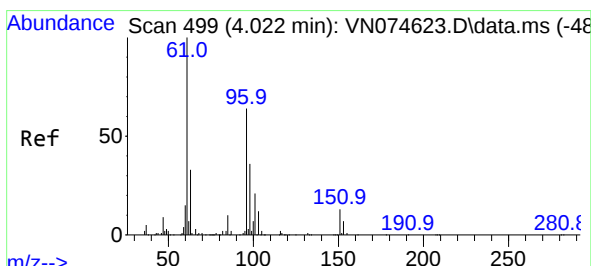
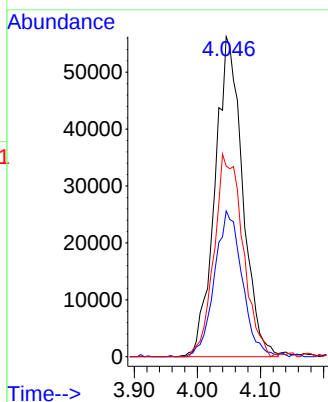
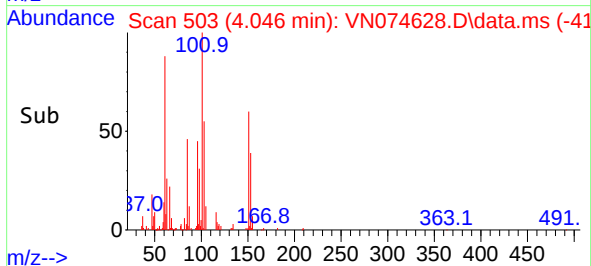
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092722



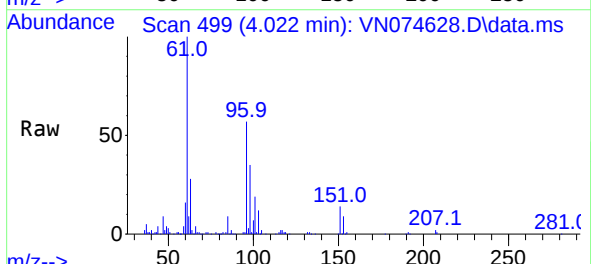
Tgt Ion:101 Resp: 17118
Ion Ratio Lower Upper
101 100
85 45.5 0.0 94.6
151 37.9 0.0 144.8

Manual Integrations
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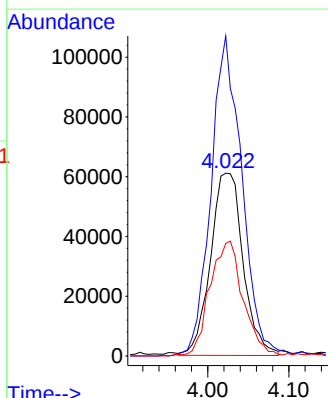
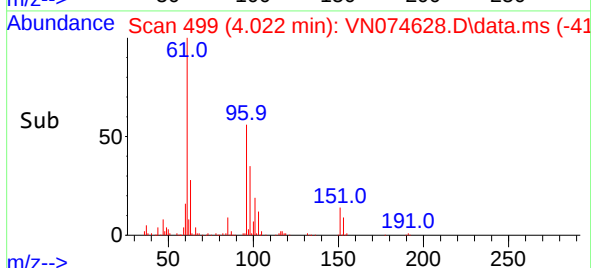
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

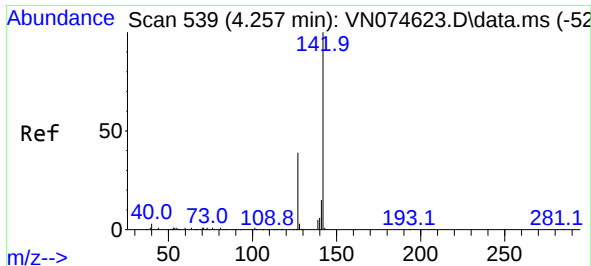


#10
1,1-Dichloroethene
Concen: 19.153 ug/l
RT: 4.022 min Scan# 499
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49



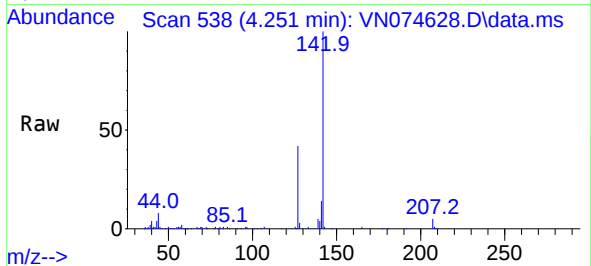
Tgt Ion: 96 Resp: 170004
Ion Ratio Lower Upper
96 100
61 176.6 125.5 188.3
98 61.6 45.0 67.4





#11
Methyl Iodide
Concen: 18.979 ug/l
RT: 4.251 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

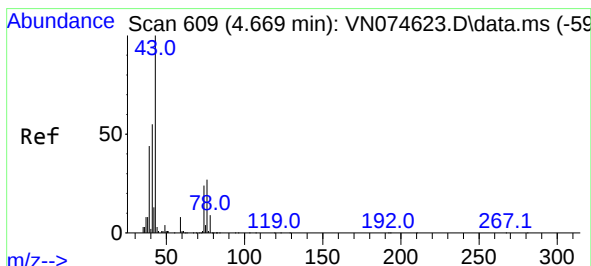
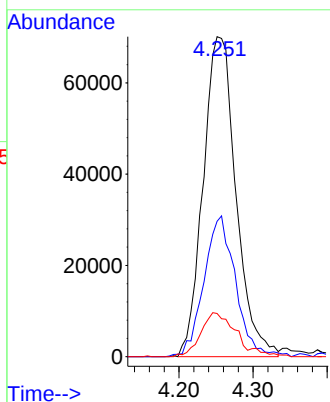
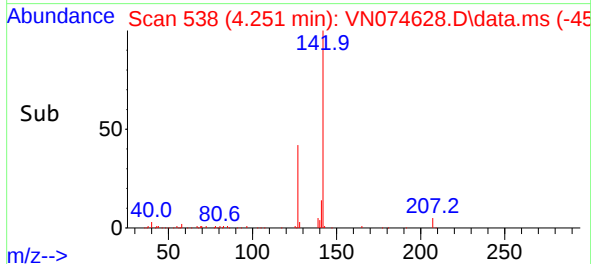
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092722



Tgt Ion:142 Resp: 21575
Ion Ratio Lower Upper
142 100
127 41.7 19.3 57.8
141 12.9 7.7 23.1

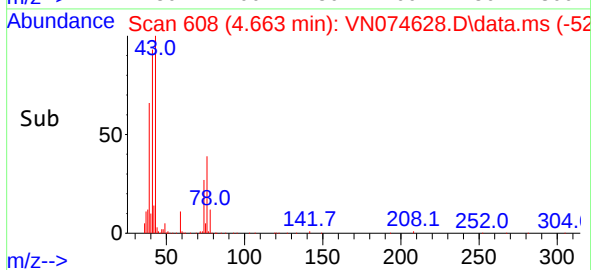
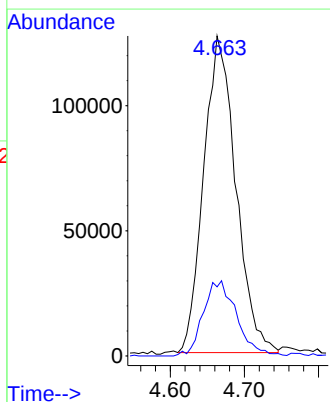
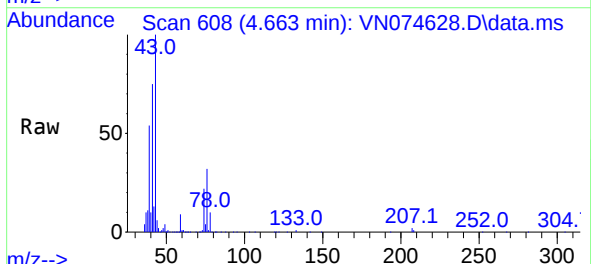
Manual Integrations
APPROVED

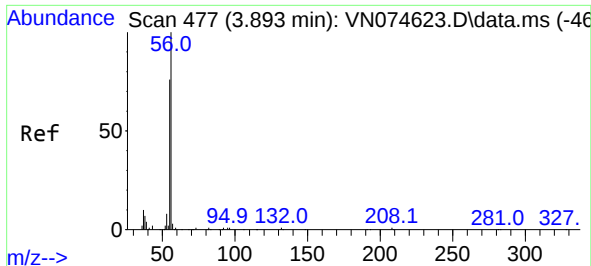
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#12
Methyl Acetate
Concen: 20.064 ug/l
RT: 4.663 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

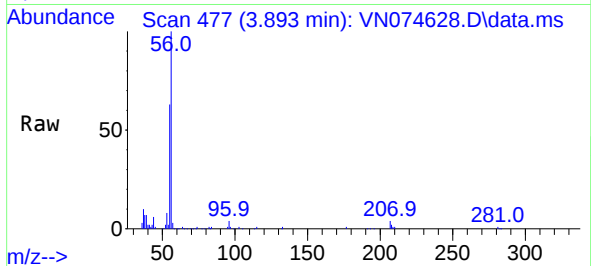
Tgt Ion: 43 Resp: 381266
Ion Ratio Lower Upper
43 100
74 21.3 19.0 28.6





#13
Acrolein
Concen: 96.874 ug/l
RT: 3.893 min Scan# 477
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

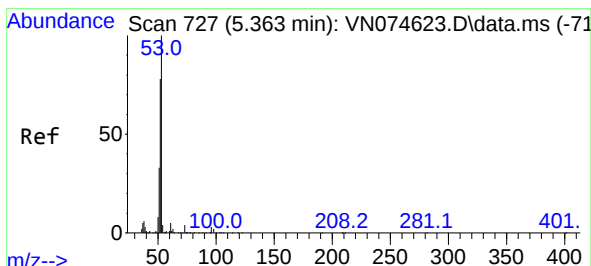
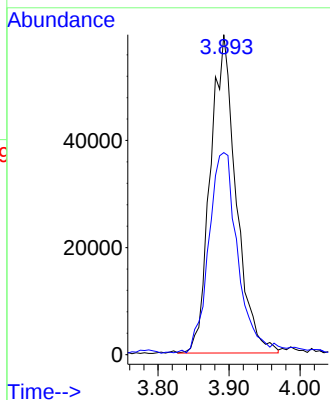
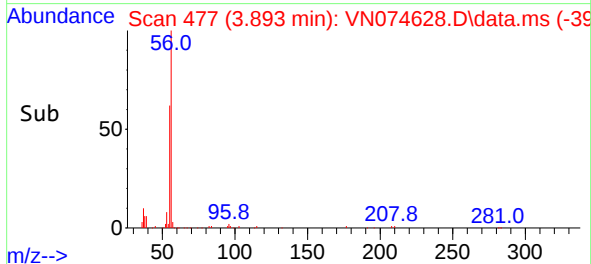
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092722



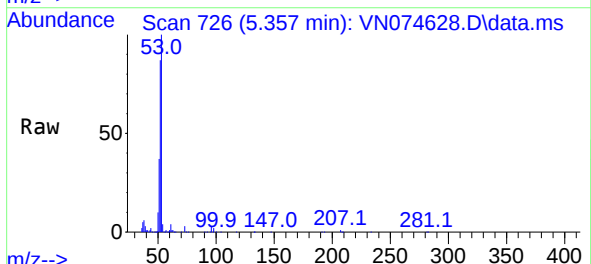
Tgt Ion: 56 Resp: 149835
Ion Ratio Lower Upper
56 100
55 69.6 56.2 84.2

Manual Integrations
APPROVED

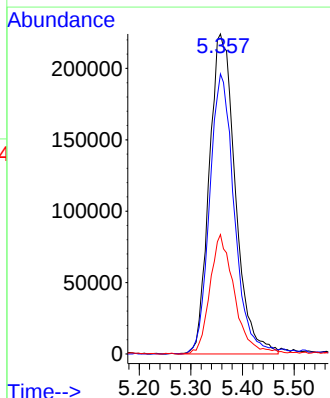
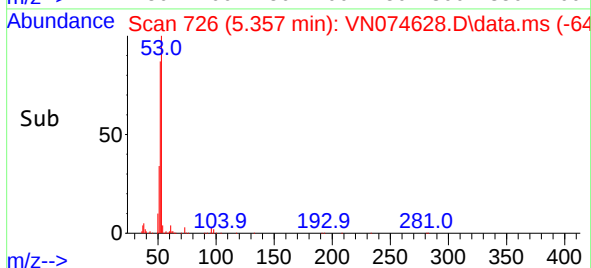
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

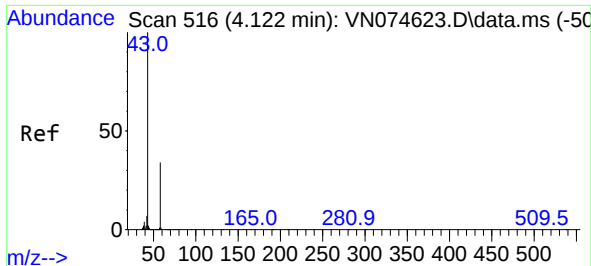


#14
Acrylonitrile
Concen: 101.925 ug/l
RT: 5.357 min Scan# 726
Delta R.T. -0.006 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49



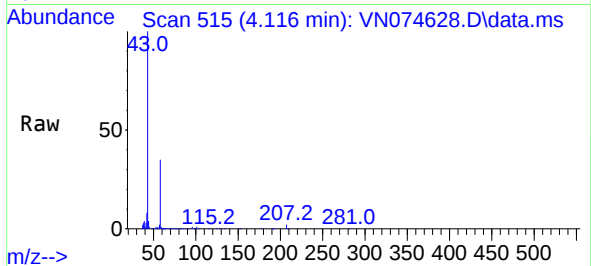
Tgt Ion: 53 Resp: 785090
Ion Ratio Lower Upper
53 100
52 82.6 40.8 122.4
51 34.2 17.0 51.0





#15
Acetone
Concen: 98.658 ug/l
RT: 4.116 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

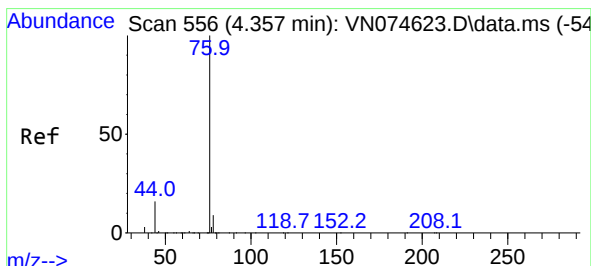
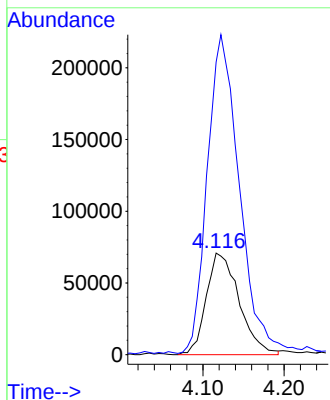
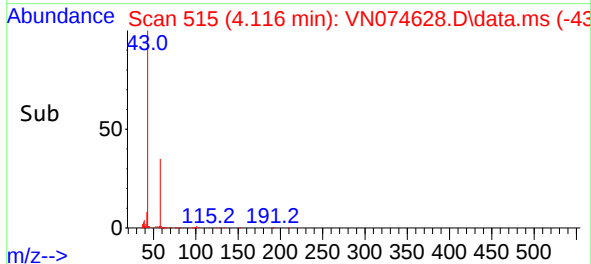
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092722



Tgt Ion: 58 Resp: 199594
Ion Ratio Lower Upper
58 100
43 286.6 232.2 348.4

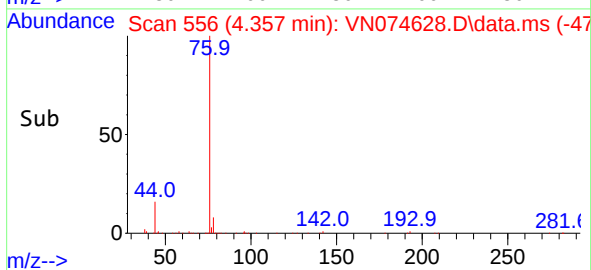
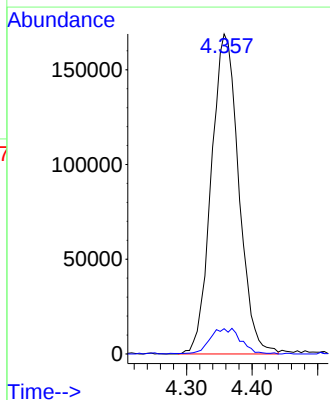
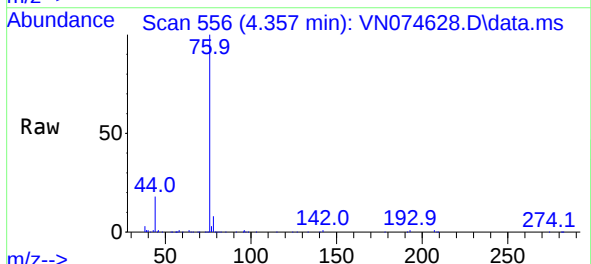
Manual Integrations
APPROVED

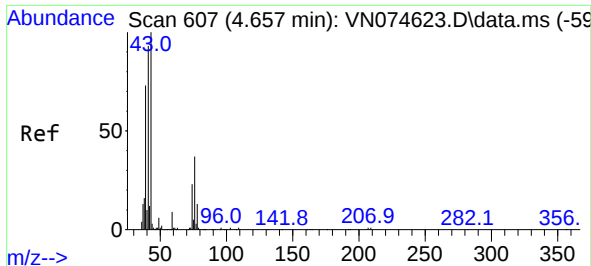
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#16
Carbon Disulfide
Concen: 19.714 ug/l
RT: 4.357 min Scan# 556
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

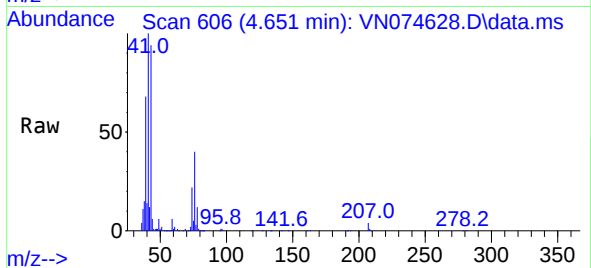
Tgt Ion: 76 Resp: 491760
Ion Ratio Lower Upper
76 100
78 7.9 7.2 10.8





#17
Allyl chloride
Concen: 20.574 ug/l
RT: 4.651 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

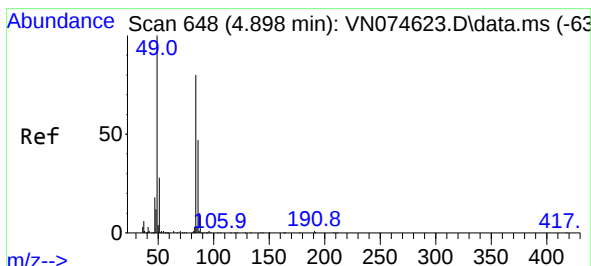
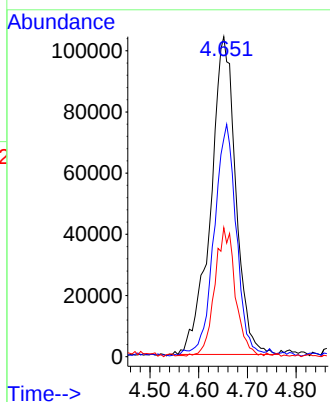
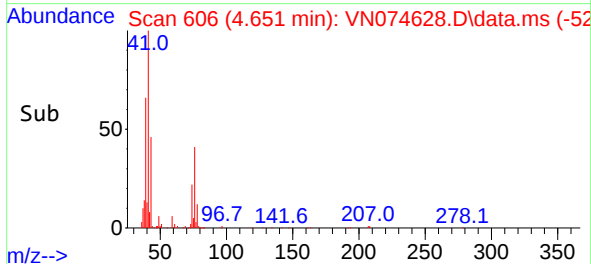
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092722



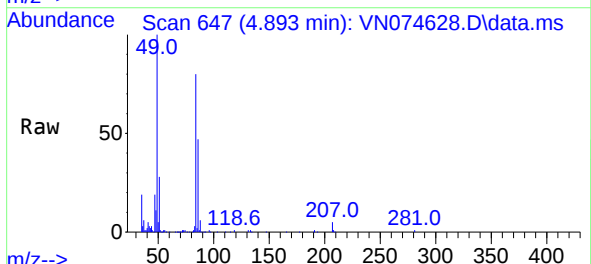
Tgt Ion: 41 Resp: 372374
Ion Ratio Lower Upper
41 100
39 68.1 39.1 117.5
76 40.2 19.8 59.4

Manual Integrations
APPROVED

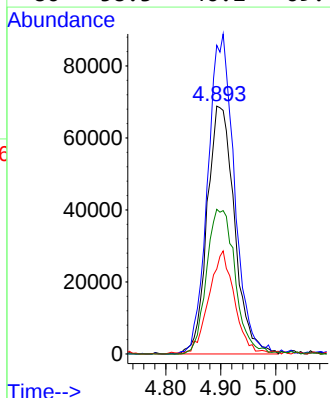
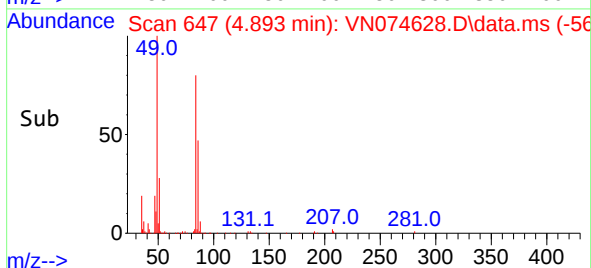
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

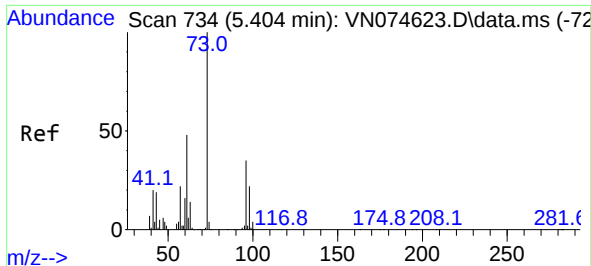


#18
Methylene Chloride
Concen: 20.974 ug/l
RT: 4.893 min Scan# 647
Delta R.T. -0.006 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49



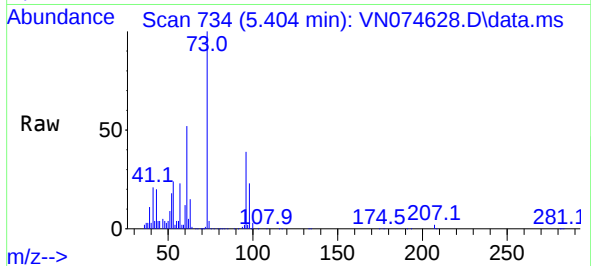
Tgt Ion: 84 Resp: 237322
Ion Ratio Lower Upper
84 100
49 124.2 99.6 149.4
51 33.9 28.2 42.2
86 58.3 46.2 69.4





#19
trans-1,2-Dichloroethene
Concen: 19.560 ug/l
RT: 5.404 min Scan# 734
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

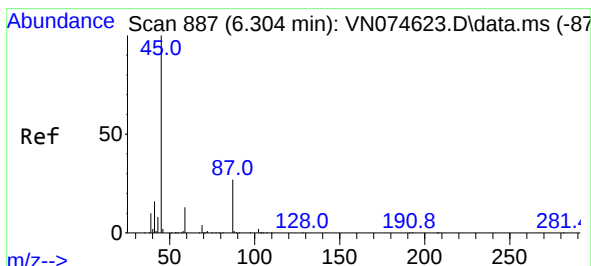
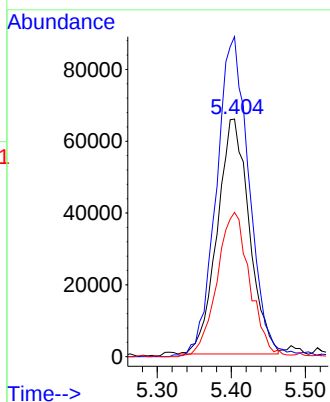
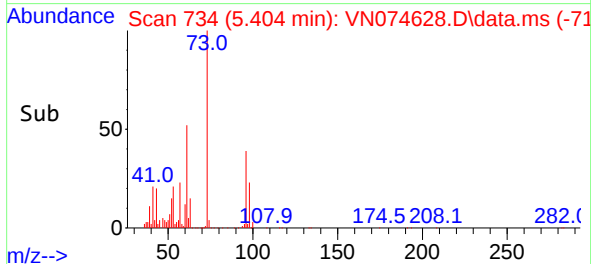
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092722



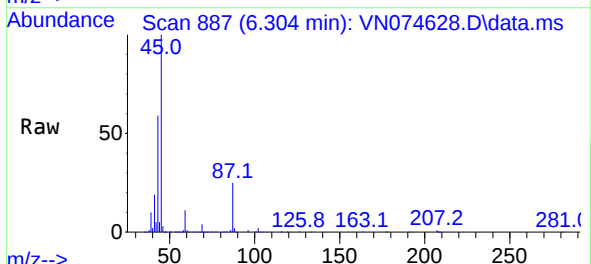
Tgt Ion: 96 Resp: 196208
Ion Ratio Lower Upper
96 100
61 135.4 110.2 165.4
98 61.4 50.0 75.0

Manual Integrations
APPROVED

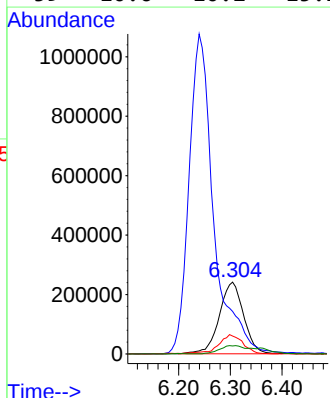
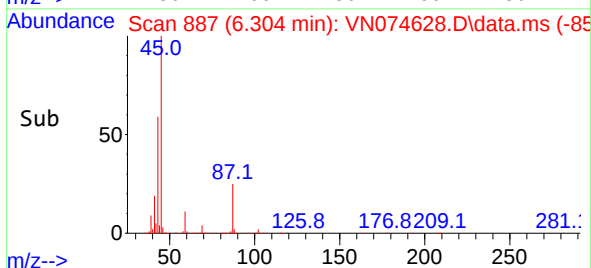
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

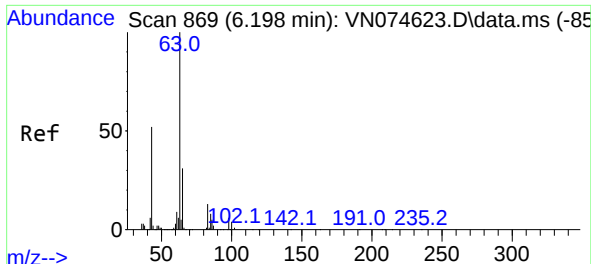


#20
Diisopropyl ether
Concen: 19.922 ug/l
RT: 6.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49



Tgt Ion: 45 Resp: 788714
Ion Ratio Lower Upper
45 100
43 56.5 47.3 70.9
87 24.8 21.8 32.8
59 10.6 10.2 15.2





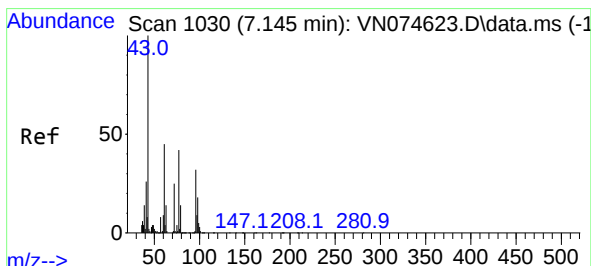
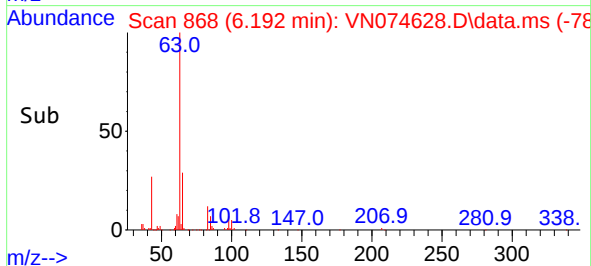
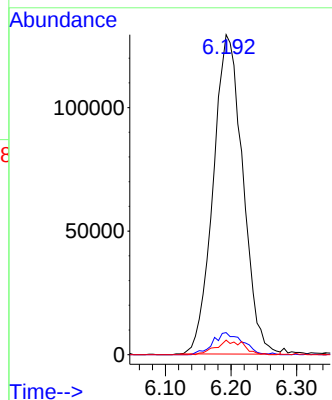
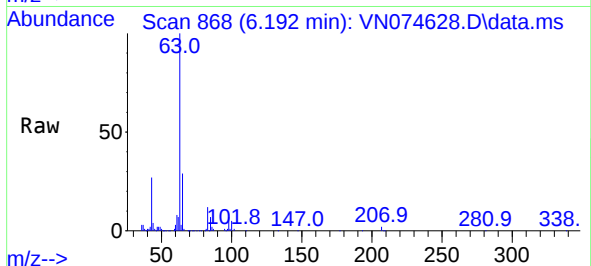
#21
1,1-Dichloroethane
Concen: 20.238 ug/l
RT: 6.192 min Scan# 869
Delta R.T. -0.006 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

Instrument :
MSVOA_N
ClientSampleId :
ICVVN092722

Tgt Ion: 63 Resp: 40464
Ion Ratio Lower Upper
63 100
98 6.9 3.3 9.9
100 4.6 2.2 6.6

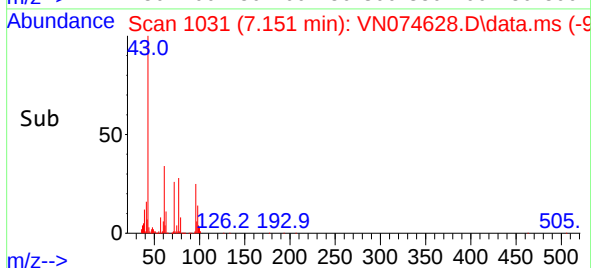
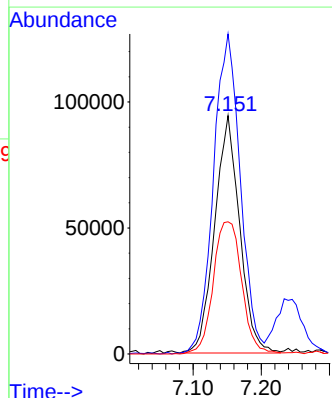
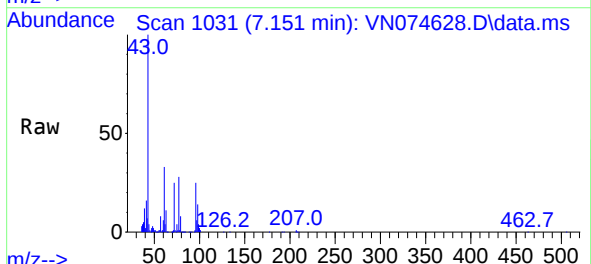
Manual Integrations
APPROVED

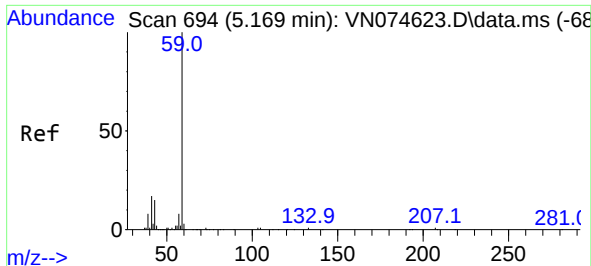
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#22
cis-1,2-Dichloroethene
Concen: 19.864 ug/l
RT: 7.151 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

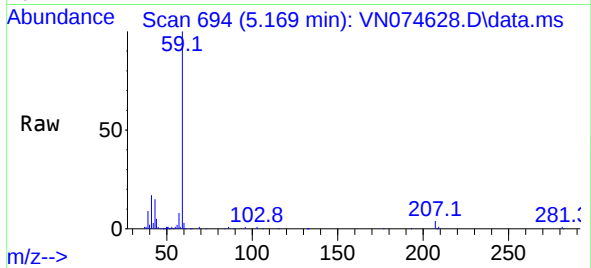
Tgt Ion: 96 Resp: 240416
Ion Ratio Lower Upper
96 100
61 145.4 118.8 178.2
98 63.5 52.1 78.1





#23
tert-Butyl Alcohol
Concen: 97.596 ug/l
RT: 5.169 min Scan# 694
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

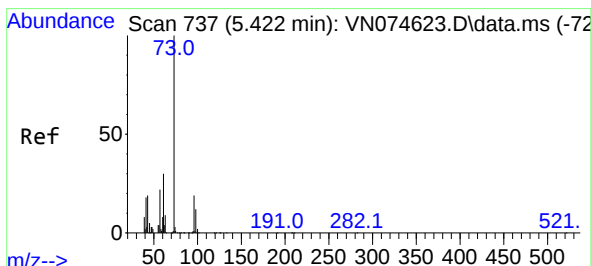
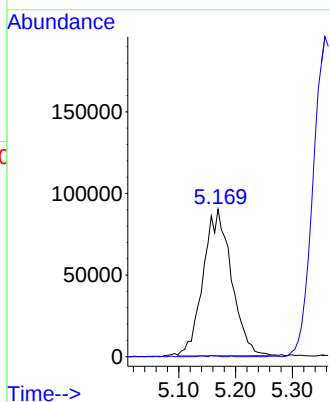
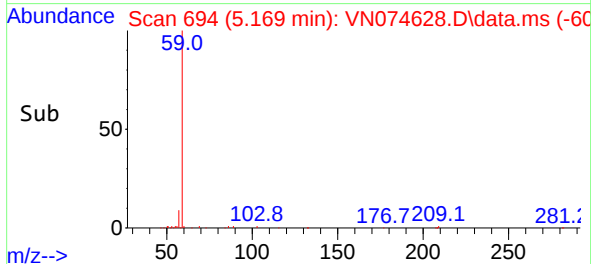
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092722



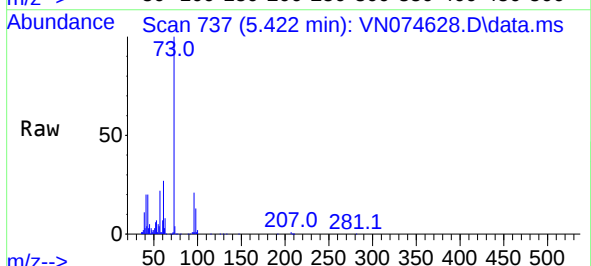
Tgt Ion: 59 Resp: 30954
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.4

Manual Integrations
APPROVED

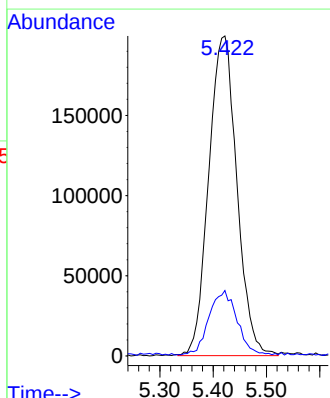
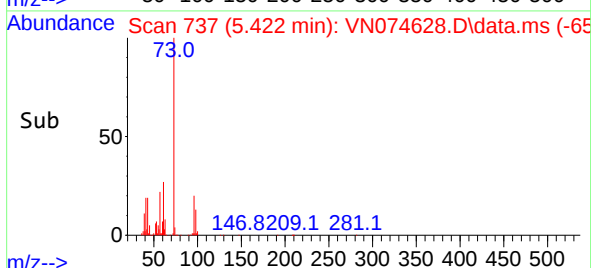
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

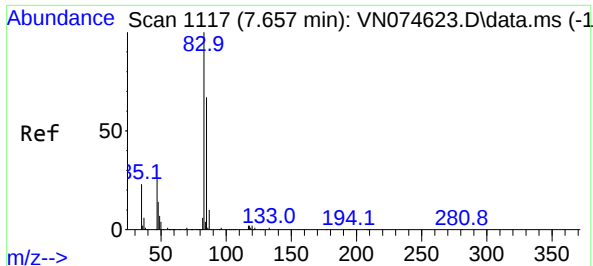


#24
Methyl tert-Butyl Ether
Concen: 19.911 ug/l
RT: 5.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49



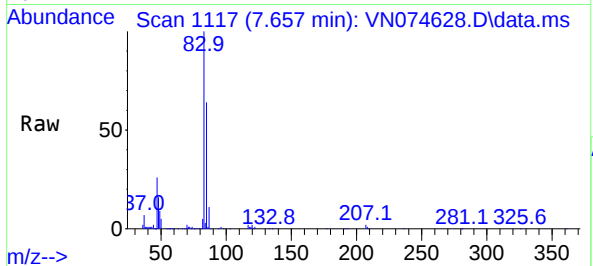
Tgt Ion: 73 Resp: 732300
Ion Ratio Lower Upper
73 100
43 19.7 15.6 23.4





#25
Chloroform
Concen: 19.262 ug/l
RT: 7.657 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

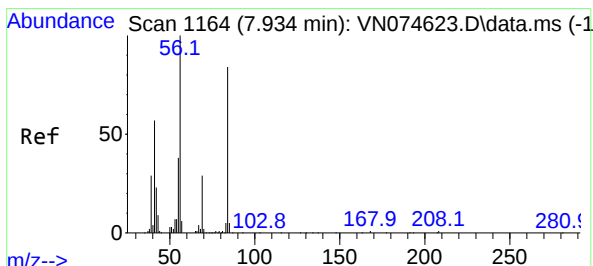
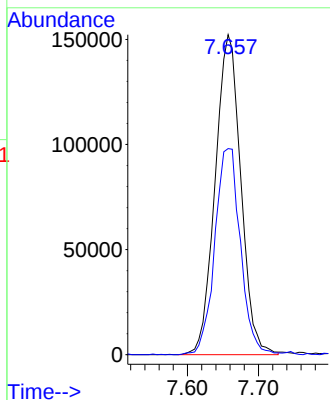
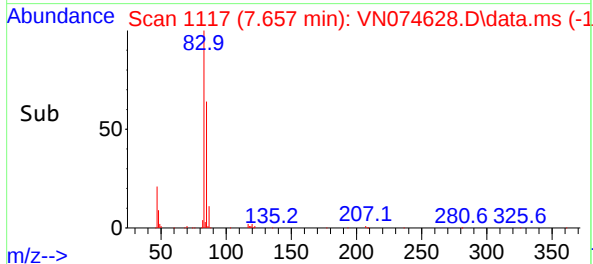
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092722



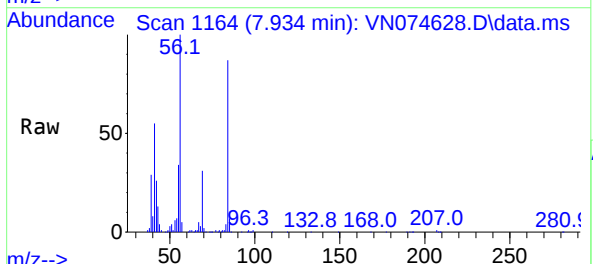
Tgt Ion: 83 Resp: 381780
Ion Ratio Lower Upper
83 100
85 64.4 53.6 80.4

Manual Integrations
APPROVED

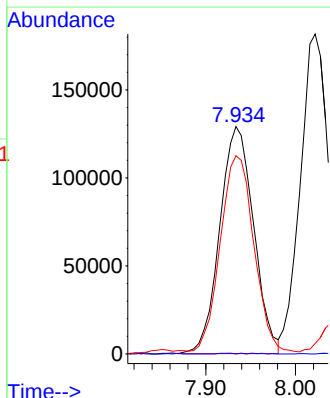
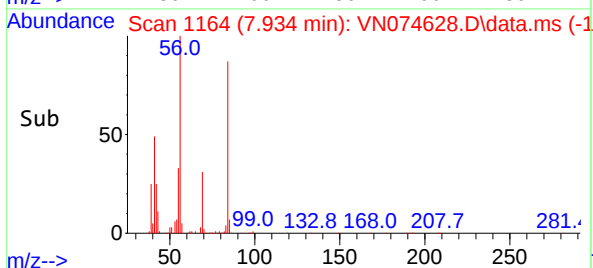
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

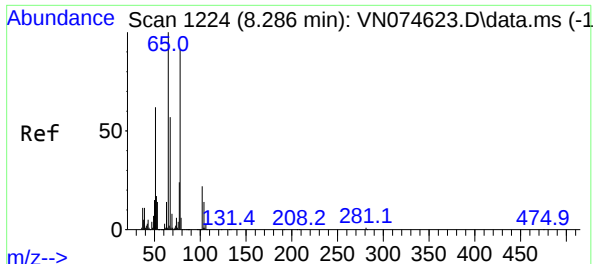


#26
Cyclohexane
Concen: 18.807 ug/l
RT: 7.934 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49



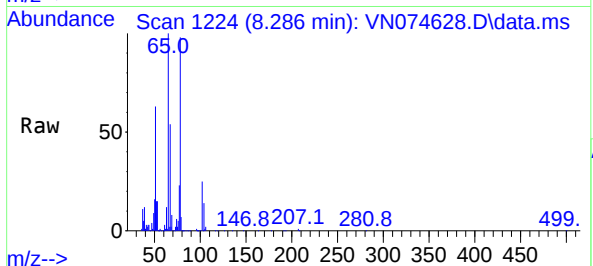
Tgt Ion: 56 Resp: 338143
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0#
84 87.7 68.4 102.6





#27
1,2-Dichloroethane-d4
Concen: 29.404 ug/l
RT: 8.286 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

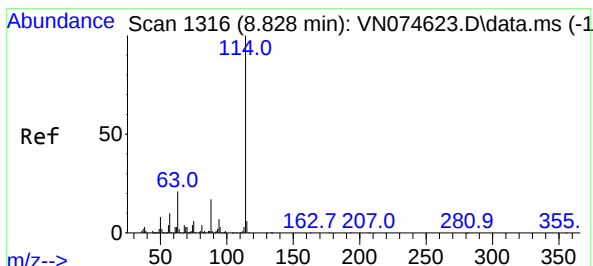
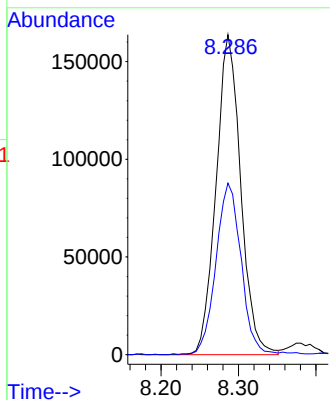
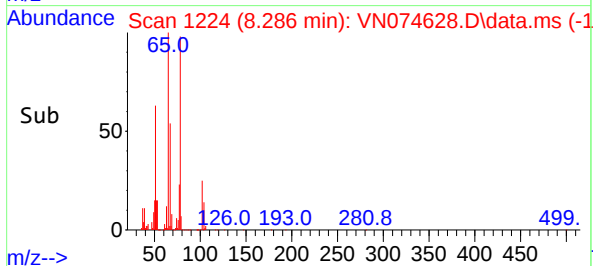
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092722



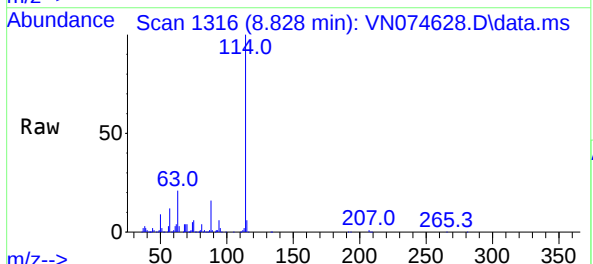
Tgt Ion: 65 Resp: 362754
Ion Ratio Lower Upper
65 100
67 54.5 45.2 67.8

Manual Integrations
APPROVED

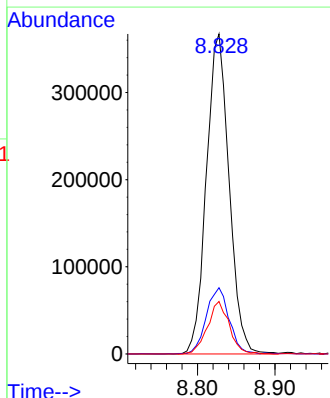
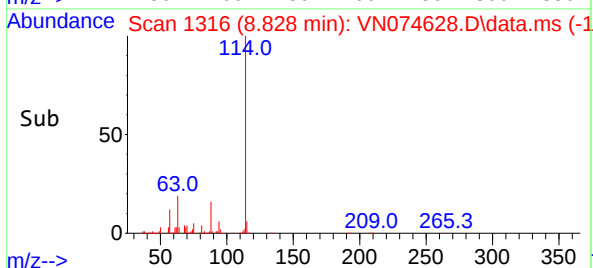
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

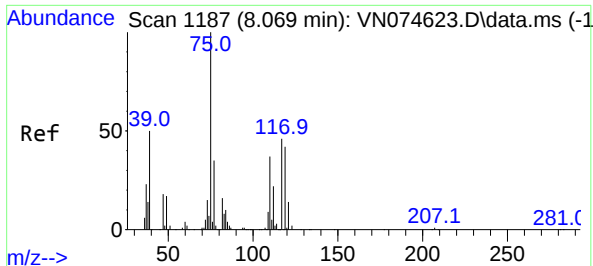


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49



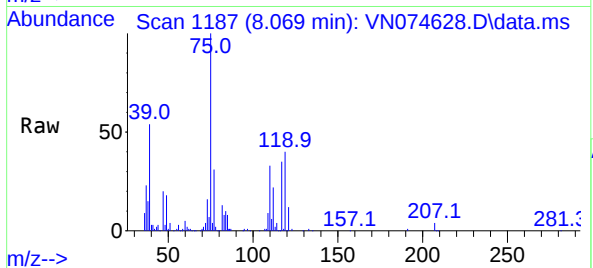
Tgt Ion:114 Resp: 746727
Ion Ratio Lower Upper
114 100
63 20.8 16.6 25.0
88 15.7 12.2 18.4





#29
1,1-Dichloropropene
Concen: 19.931 ug/l
RT: 8.069 min Scan# 1187
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

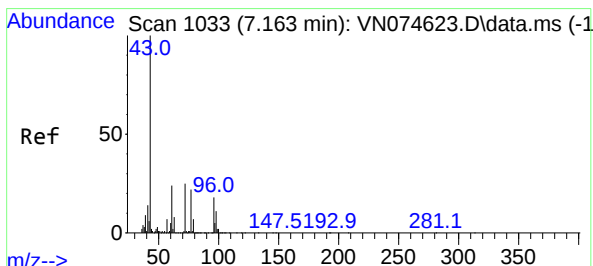
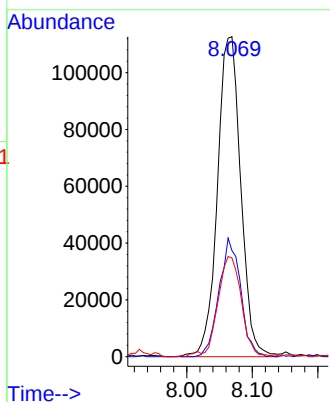
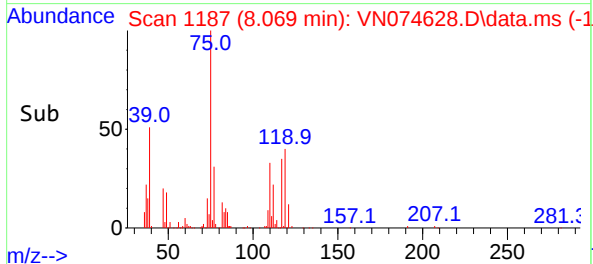
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092722



Tgt Ion: 75 Resp: 277990
Ion Ratio Lower Upper
75 100
110 34.2 0.0 72.2
77 30.5 0.0 64.0

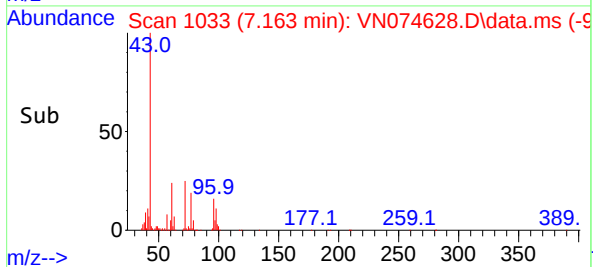
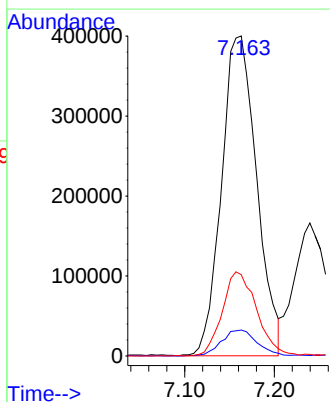
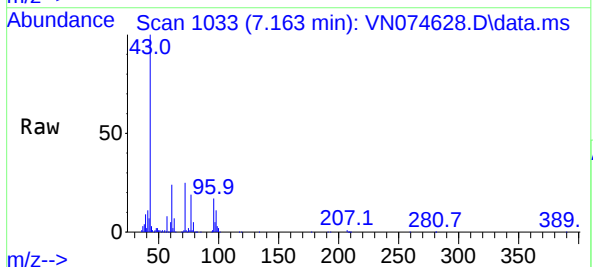
Manual Integrations
APPROVED

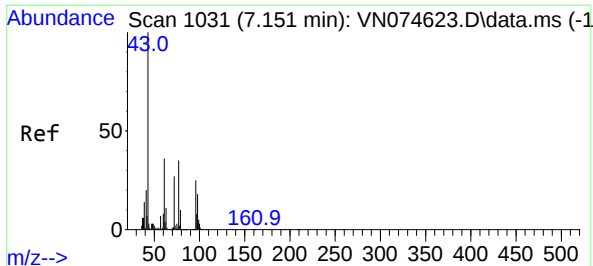
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#30
2-Butanone
Concen: 102.382 ug/l
RT: 7.163 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

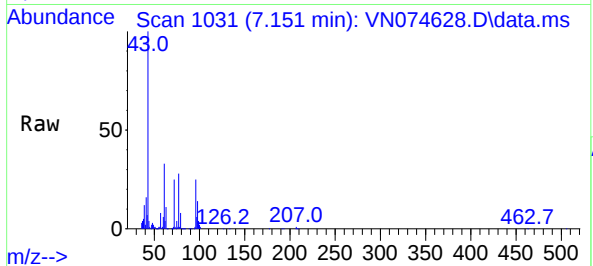
Tgt Ion: 43 Resp: 1089439
Ion Ratio Lower Upper
43 100
57 8.0 6.3 9.5
72 25.6 21.0 31.4





#31
2,2-Dichloropropane
Concen: 18.851 ug/l
RT: 7.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

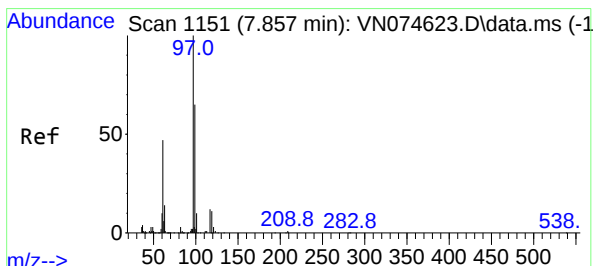
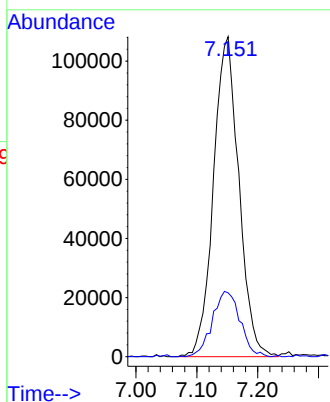
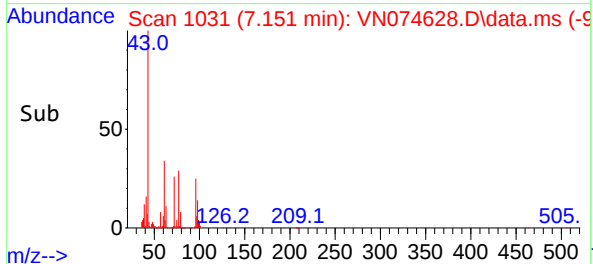
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092722



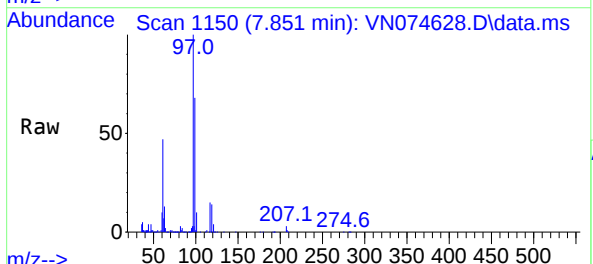
Tgt Ion: 77 Resp: 313869
Ion Ratio Lower Upper
77 100
97 22.3 18.4 27.6

Manual Integrations
APPROVED

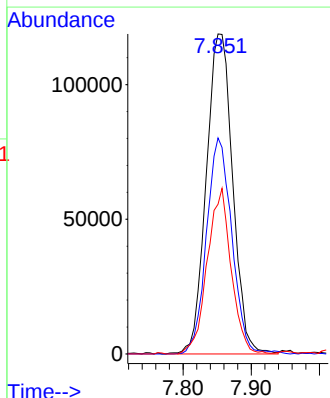
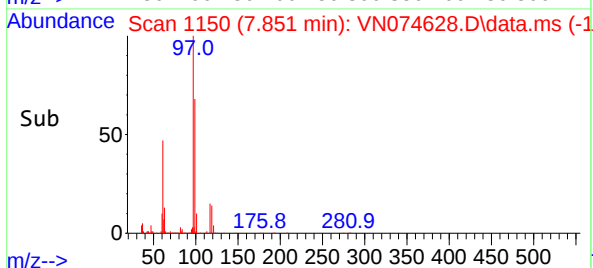
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

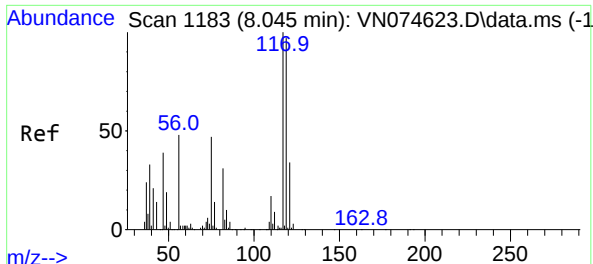


#32
1,1,1-Trichloroethane
Concen: 19.449 ug/l
RT: 7.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49



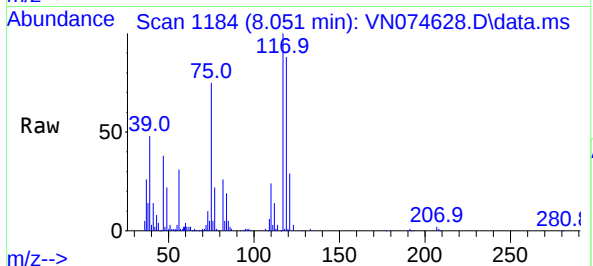
Tgt Ion: 97 Resp: 320440
Ion Ratio Lower Upper
97 100
99 64.5 50.0 75.0
61 46.6 36.1 54.1





#33
Carbon Tetrachloride
Concen: 19.214 ug/l
RT: 8.051 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

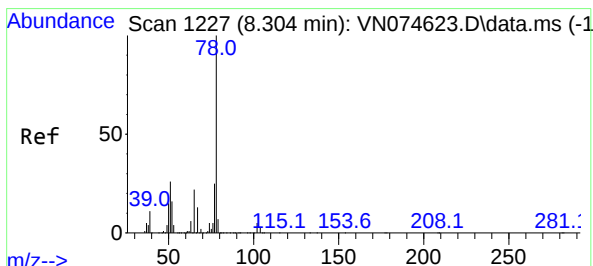
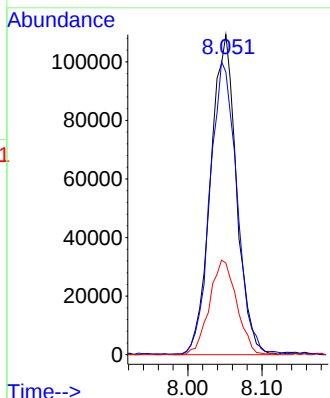
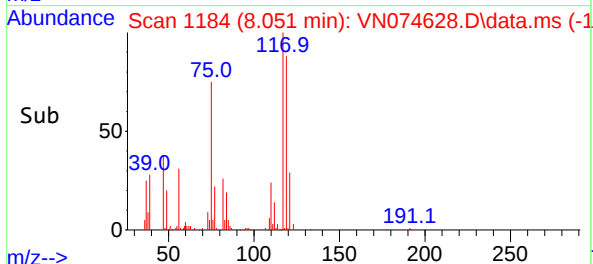
Instrument : MSVOA_N
ClientSampleId : ICVVN092722



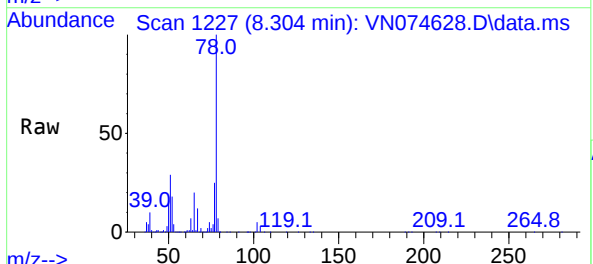
Tgt Ion: 117 Resp: 264770
Ion Ratio Lower Upper
117 100
119 88.0 77.8 116.6
121 28.7 27.6 41.4

Manual Integrations
APPROVED

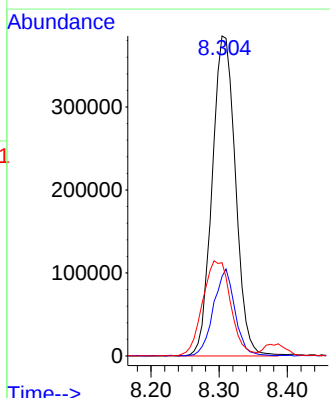
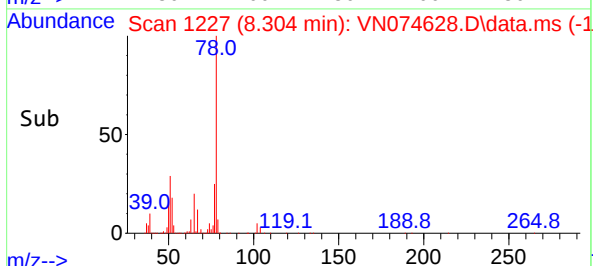
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

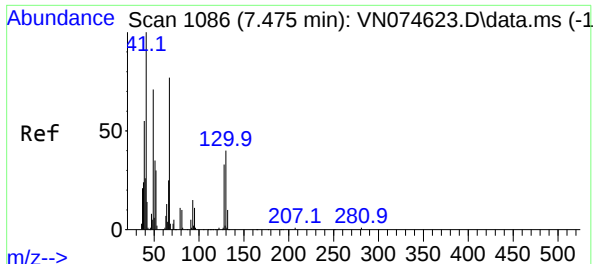


#34
Benzene
Concen: 19.889 ug/l
RT: 8.304 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49



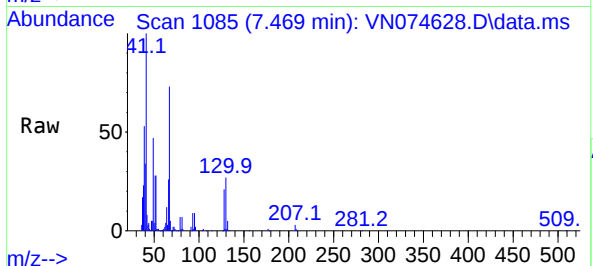
Tgt Ion: 78 Resp: 918308
Ion Ratio Lower Upper
78 100
77 24.8 19.9 29.9
51 29.1 21.1 31.7





#35
Methacrylonitrile
Concen: 17.762 ug/l
RT: 7.469 min Scan# 1085
Delta R.T. -0.006 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

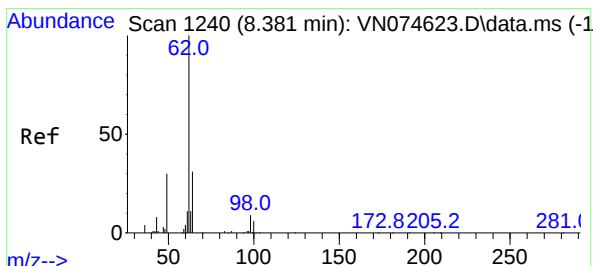
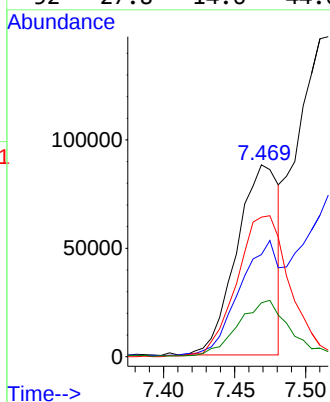
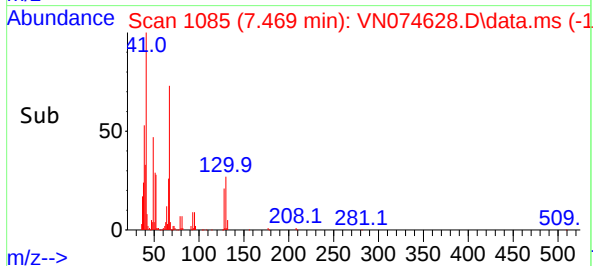
Instrument : MSVOA_N
ClientSampleId : ICVVN092722



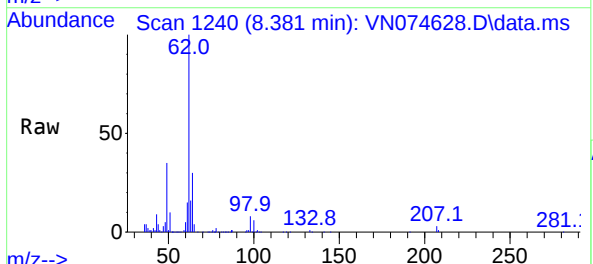
Tgt Ion: 41 Resp: 179818
Ion Ratio Lower Upper
41 100
39 52.9 27.7 83.1
67 73.1 38.0 113.9
52 27.8 14.6 44.0

Manual Integrations
APPROVED

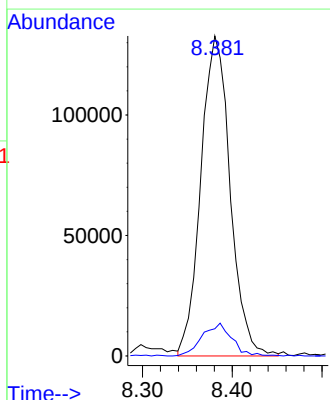
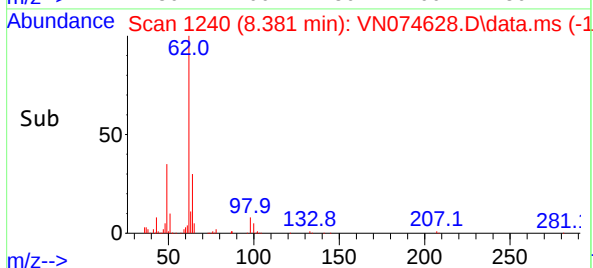
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

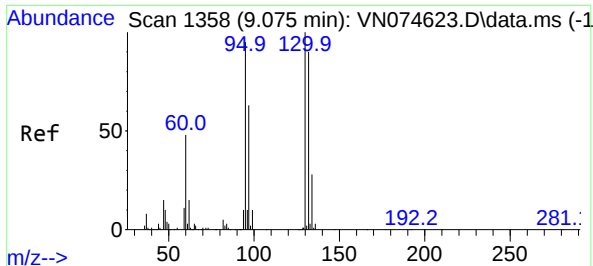


#36
1,2-Dichloroethane
Concen: 19.982 ug/l
RT: 8.381 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49



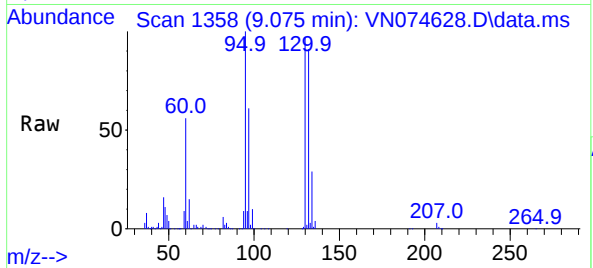
Tgt Ion: 62 Resp: 301264
Ion Ratio Lower Upper
62 100
98 10.1 7.4 11.2





#37
Trichloroethene
Concen: 19.930 ug/l
RT: 9.075 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

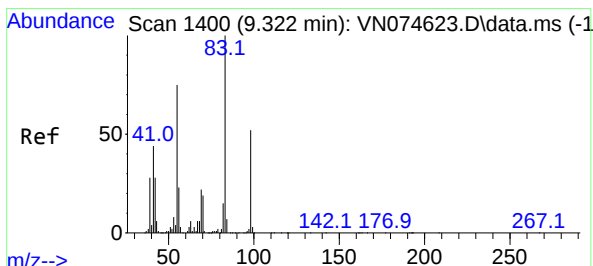
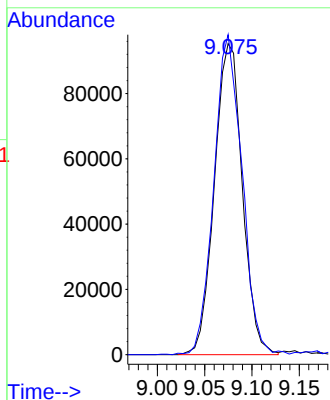
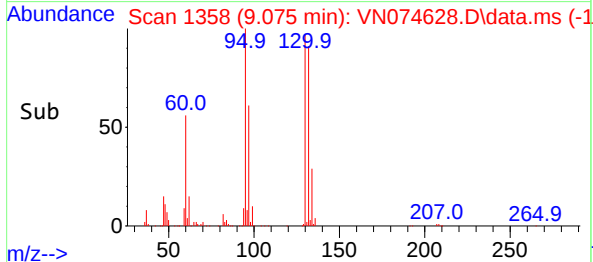
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092722



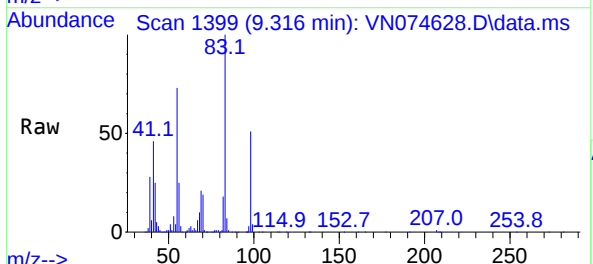
Tgt Ion:130 Resp: 19540
Ion Ratio Lower Upper
130 100
95 102.4 75.9 113.9

Manual Integrations
APPROVED

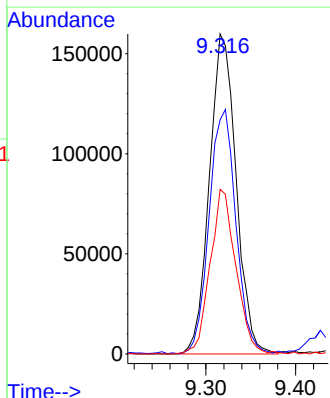
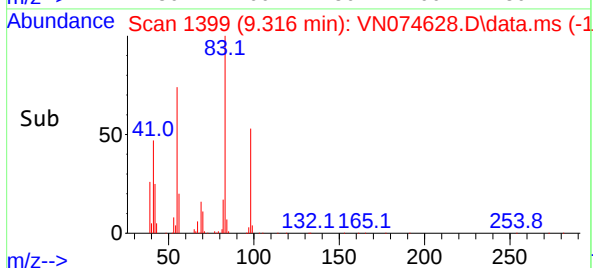
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

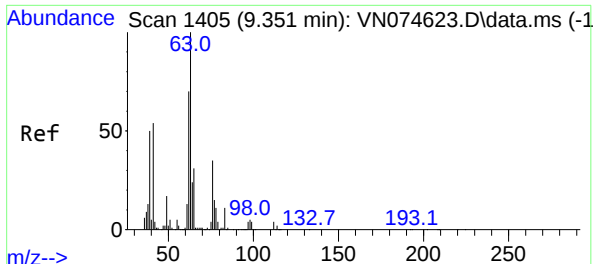


#38
Methylcyclohexane
Concen: 18.312 ug/l
RT: 9.316 min Scan# 1399
Delta R.T. -0.006 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49



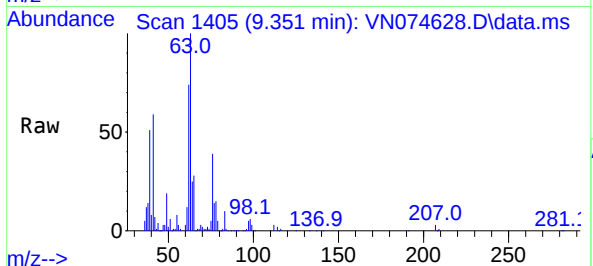
Tgt Ion: 83 Resp: 330559
Ion Ratio Lower Upper
83 100
55 76.3 37.4 112.2
98 49.5 24.5 73.5





#39
1,2-Dichloropropane
Concen: 20.330 ug/l
RT: 9.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

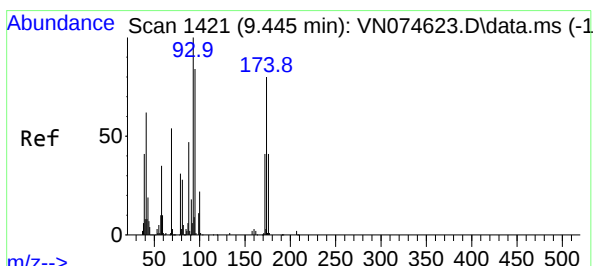
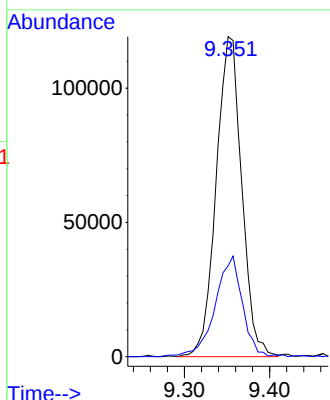
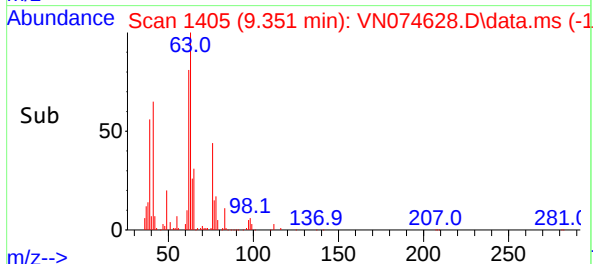
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092722



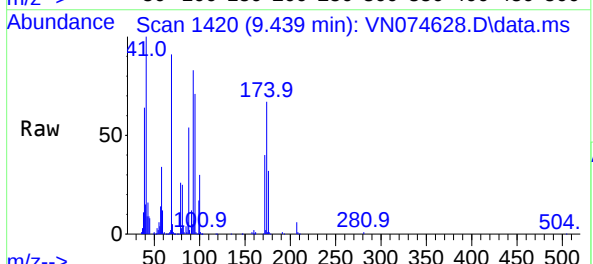
Tgt Ion: 63 Resp: 248524
Ion Ratio Lower Upper
63 100
65 28.0 25.0 37.6

Manual Integrations
APPROVED

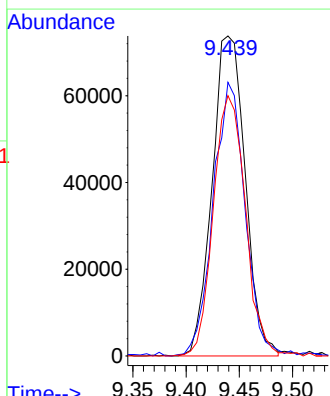
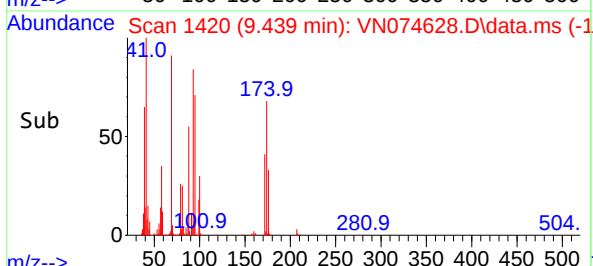
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

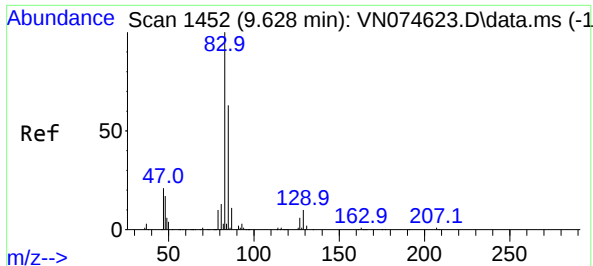


#40
Dibromomethane
Concen: 20.205 ug/l
RT: 9.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49



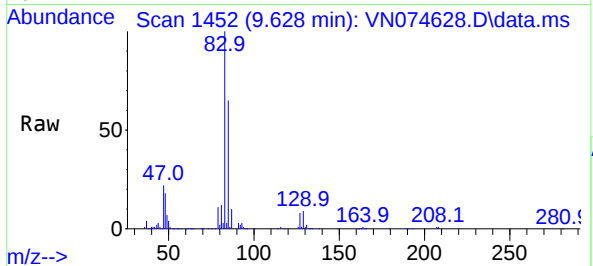
Tgt Ion: 93 Resp: 159376
Ion Ratio Lower Upper
93 100
95 82.2 0.0 168.0
174 78.6 0.0 158.4





#41
Bromodichloromethane
Concen: 19.928 ug/l
RT: 9.628 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

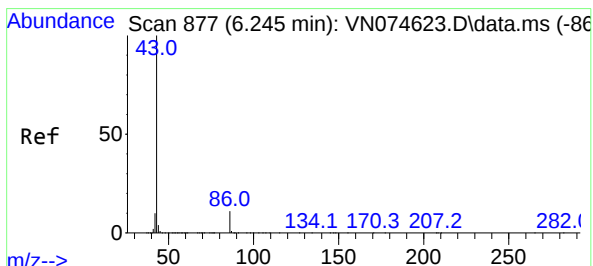
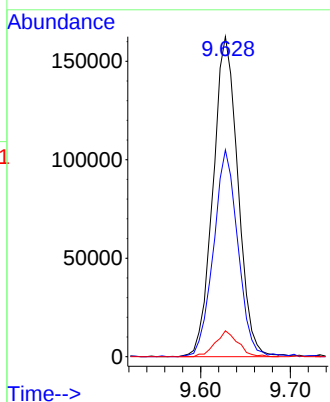
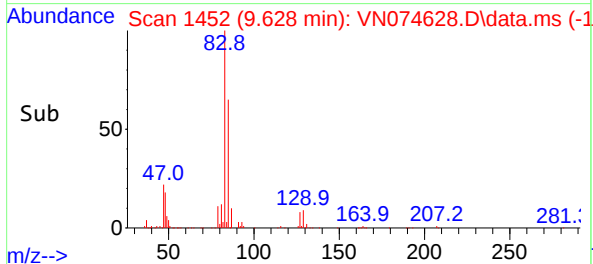
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092722



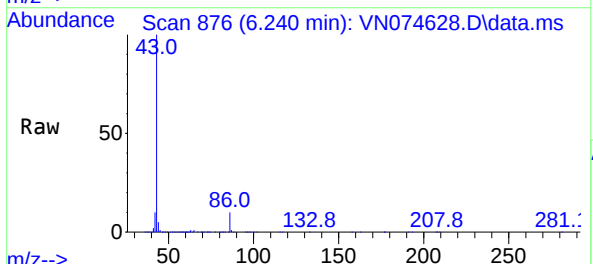
Tgt Ion: 83 Resp: 31246
Ion Ratio Lower Upper
83 100
85 64.6 50.2 75.4
127 8.1 5.1 7.7

Manual Integrations
APPROVED

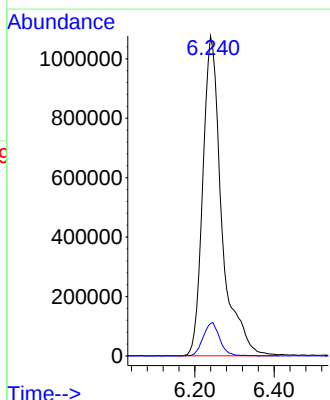
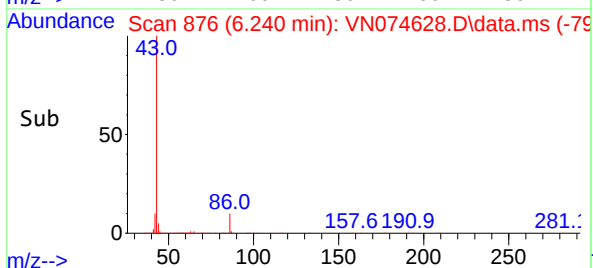
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

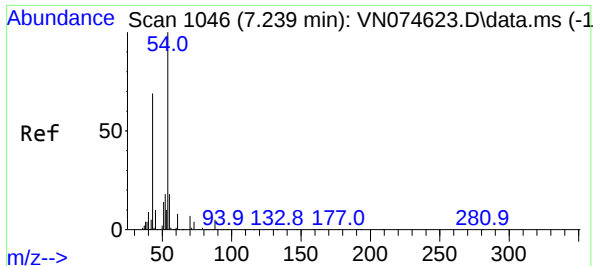


#42
Vinyl Acetate
Concen: 103.017 ug/l
RT: 6.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49



Tgt Ion: 43 Resp: 3563306
Ion Ratio Lower Upper
43 100
86 9.1 7.5 11.3





#43

Ethyl Acetate

Concen: 22.043 ug/l

RT: 7.239 min Scan# 1046

Delta R.T. 0.000 min

Lab File: VN074628.D

Acq: 27 Sep 2022 14:49

Instrument :

MSVOA_N

ClientSampleId :

ICVVN092722

Tgt Ion: 43 Resp: 45428

Ion Ratio Lower Upper

43 100

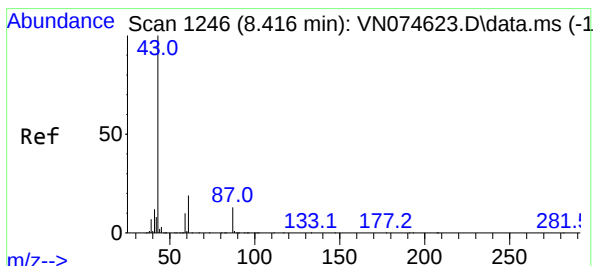
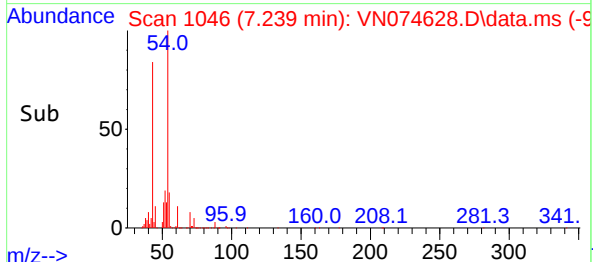
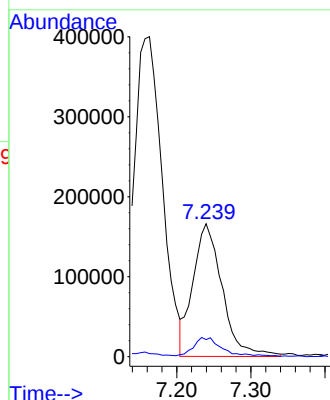
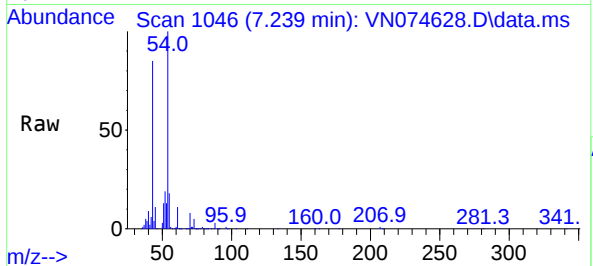
45 11.7 11.5 17.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#44

Isopropyl Acetate

Concen: 20.444 ug/l

RT: 8.416 min Scan# 1246

Delta R.T. 0.000 min

Lab File: VN074628.D

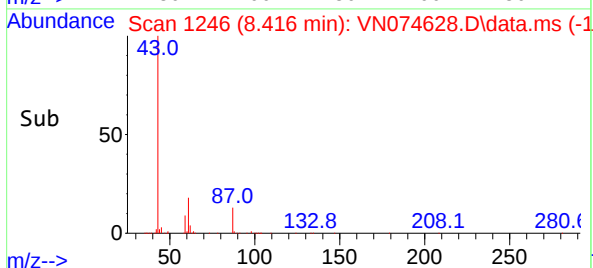
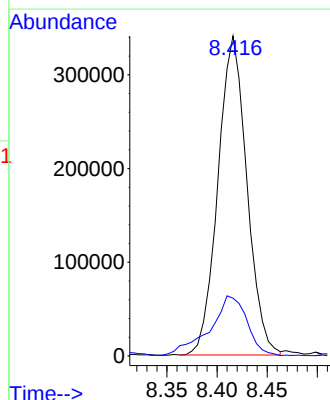
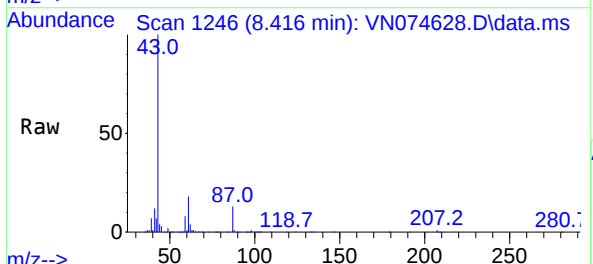
Acq: 27 Sep 2022 14:49

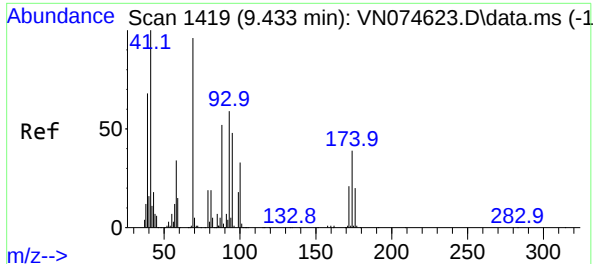
Tgt Ion: 43 Resp: 684214

Ion Ratio Lower Upper

43 100

61 24.5 19.5 29.3





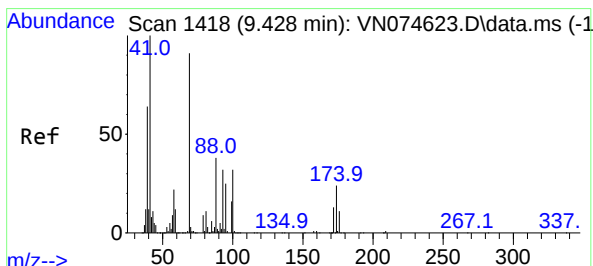
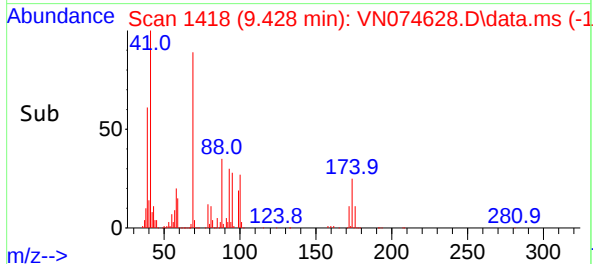
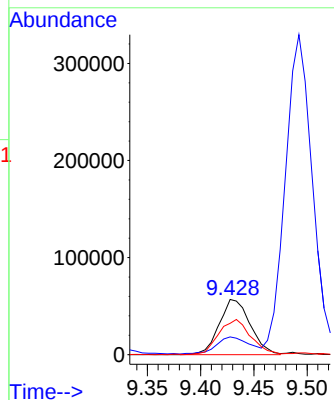
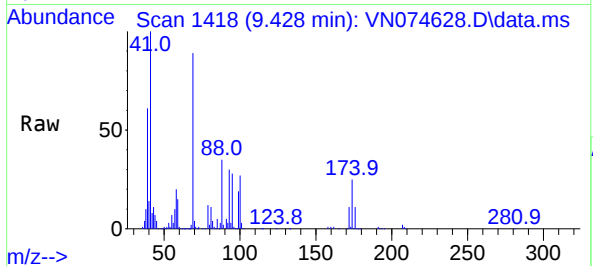
#45
1,4-Dioxane
Concen: 403.394 ug/l
RT: 9.428 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

Instrument :
MSVOA_N
ClientSampleId :
ICVVN092722

Tgt Ion: 88 Resp: 115208
Ion Ratio Lower Upper
88 100
43 32.7 25.7 38.5
58 65.1 53.4 80.2

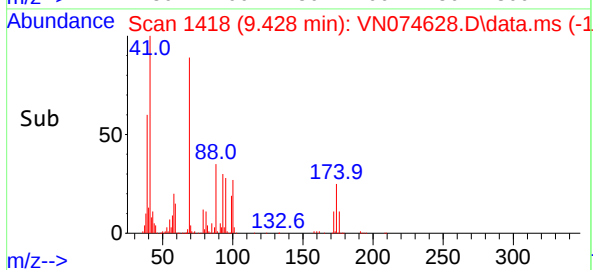
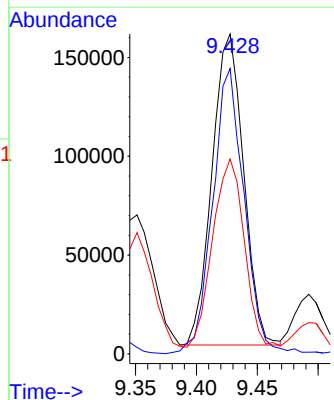
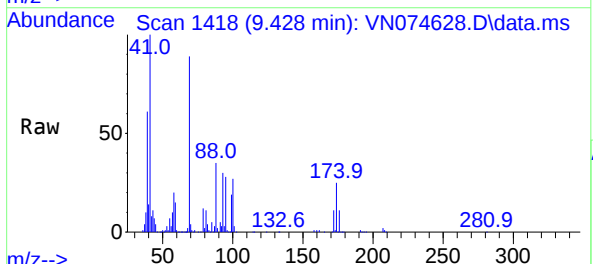
Manual Integrations
APPROVED

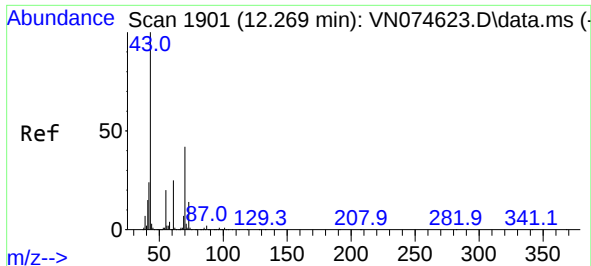
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#46
Methyl methacrylate
Concen: 20.371 ug/l
RT: 9.428 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

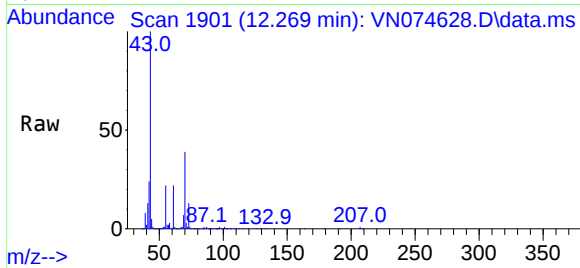
Tgt Ion: 41 Resp: 283953
Ion Ratio Lower Upper
41 100
69 90.8 45.6 136.7
39 60.2 32.3 96.9





#47
n-amy1 Acetate
Concen: 19.129 ug/l
RT: 12.269 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

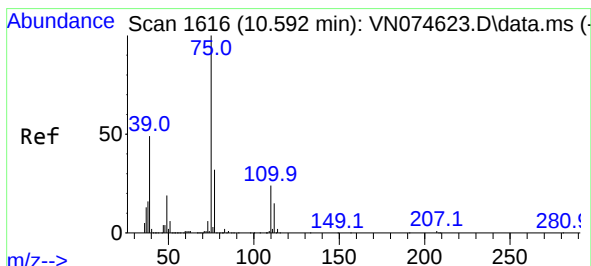
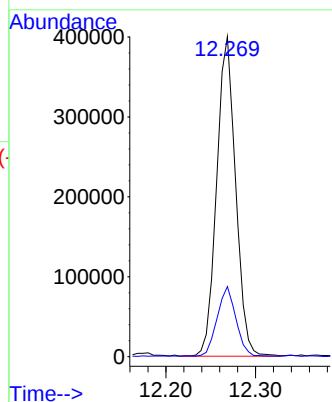
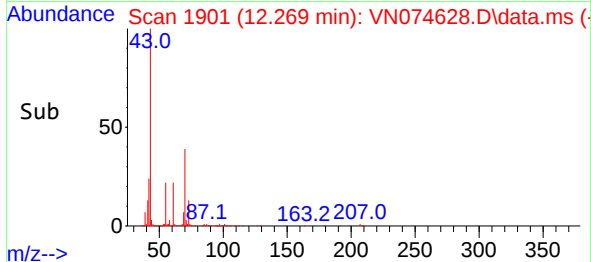
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092722



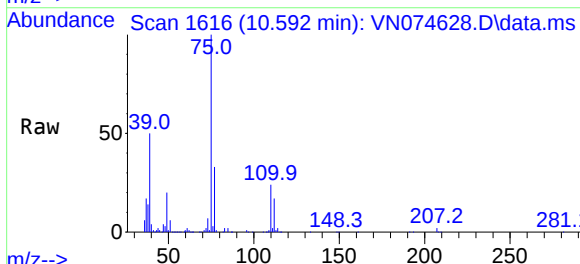
Tgt Ion: 43 Resp: 58595
Ion Ratio Lower Upper
43 100
55 21.5 16.8 25.2

Manual Integrations
APPROVED

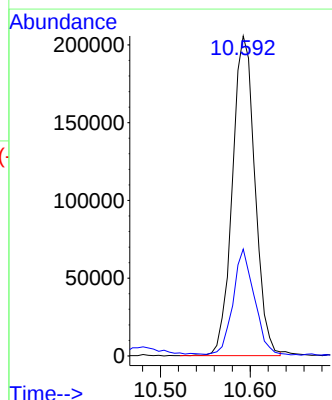
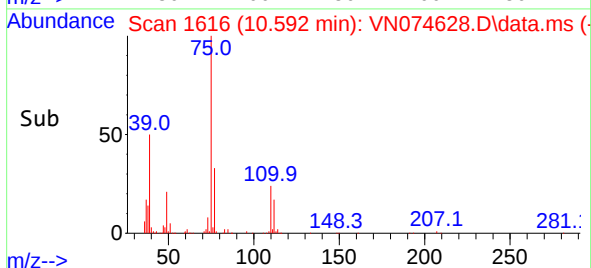
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

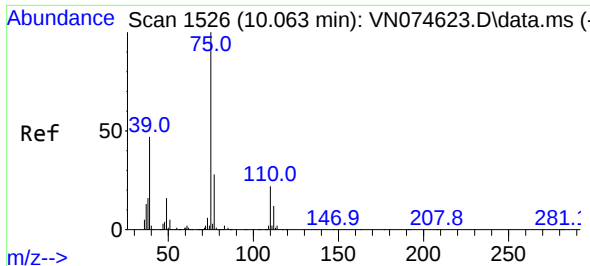


#48
t-1,3-Dichloropropene
Concen: 18.851 ug/l
RT: 10.592 min Scan# 1616
Delta R.T. -0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49



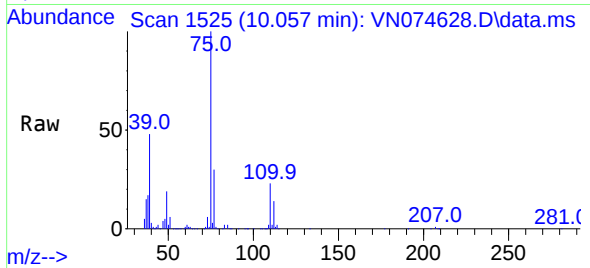
Tgt Ion: 75 Resp: 358830
Ion Ratio Lower Upper
75 100
77 32.7 25.8 38.8





#49
cis-1,3-Dichloropropene
Concen: 19.195 ug/l
RT: 10.057 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

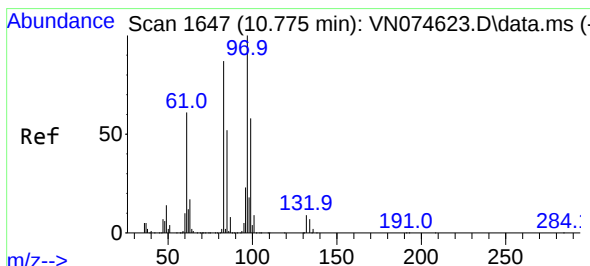
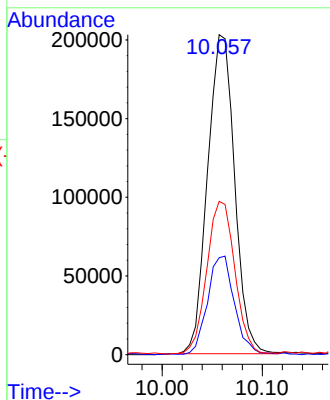
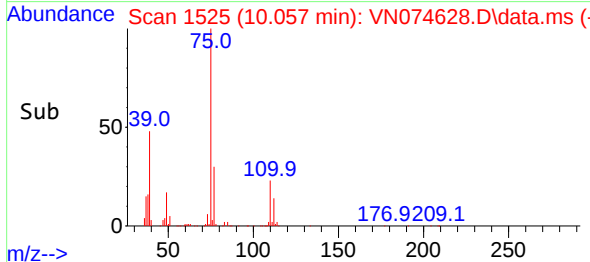
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092722



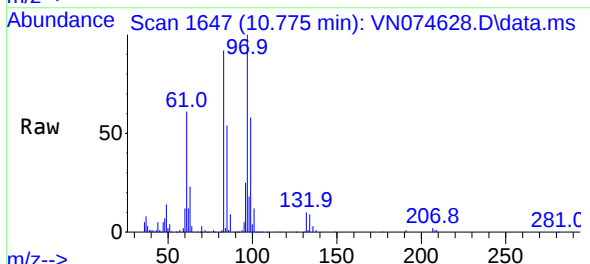
Tgt Ion: 75 Resp: 38021
Ion Ratio Lower Upper
75 100
77 30.3 22.5 33.7
39 47.6 37.6 56.4

Manual Integrations
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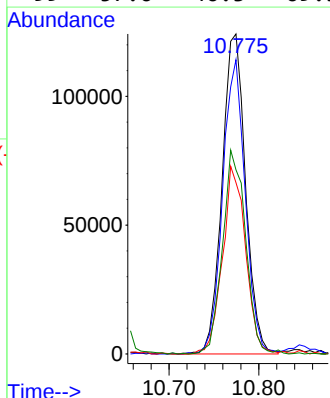
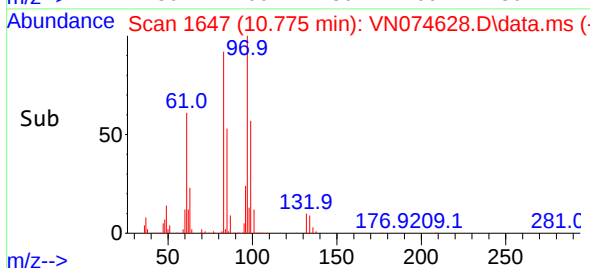
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

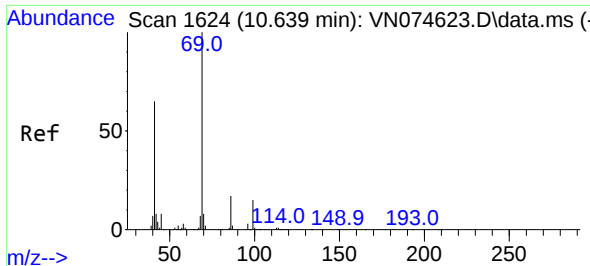


#50
1,1,2-Trichloroethane
Concen: 19.684 ug/l
RT: 10.775 min Scan# 1647
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49



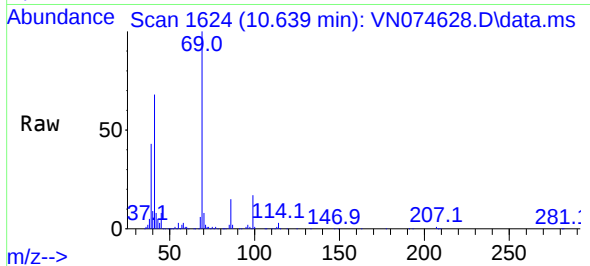
Tgt Ion: 97 Resp: 225735
Ion Ratio Lower Upper
97 100
83 92.0 69.2 103.8
85 53.6 41.4 62.2
99 57.6 46.3 69.5





#51
Ethyl methacrylate
Concen: 18.848 ug/l
RT: 10.639 min Scan# 1624
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

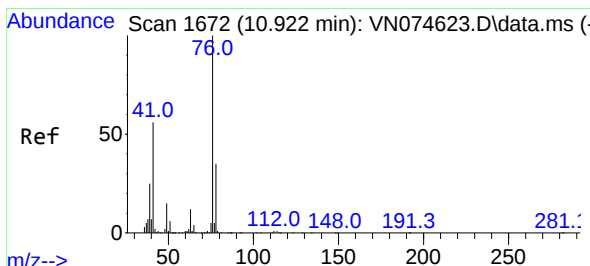
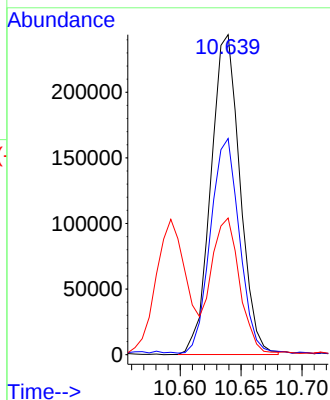
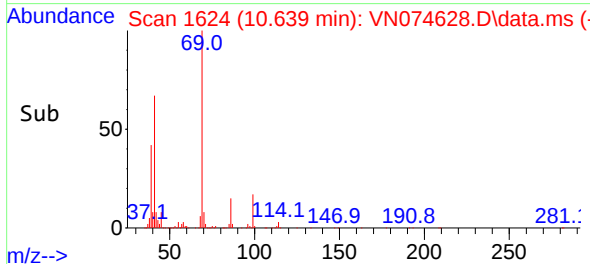
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092722



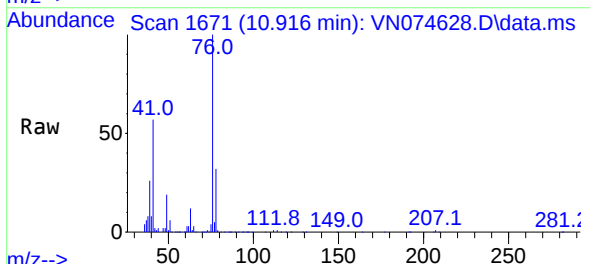
Tgt Ion: 69 Resp: 405290
Ion Ratio Lower Upper
69 100
41 67.1 32.5 97.5
39 42.0 21.5 64.5

Manual Integrations
APPROVED

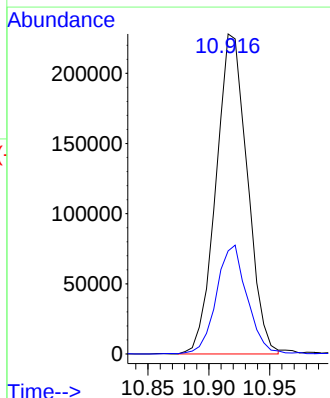
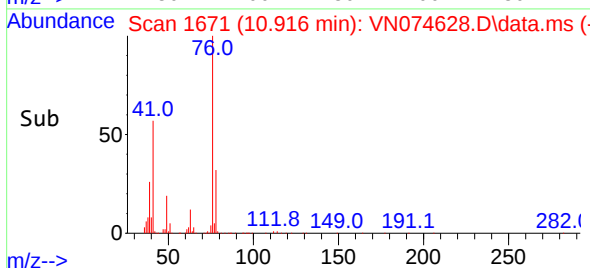
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

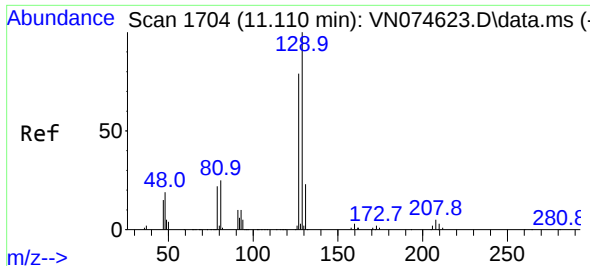


#52
1,3-Dichloropropane
Concen: 20.060 ug/l
RT: 10.916 min Scan# 1671
Delta R.T. -0.006 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49



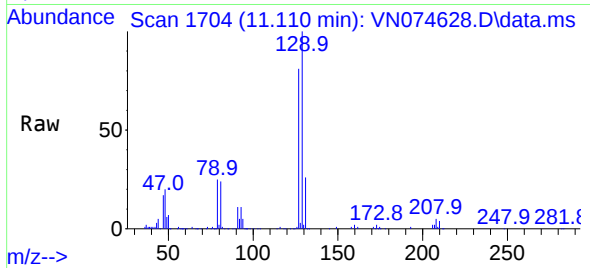
Tgt Ion: 76 Resp: 407720
Ion Ratio Lower Upper
76 100
78 33.3 0.0 63.8





#53
Dibromochloromethane
Concen: 18.308 ug/l
RT: 11.110 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

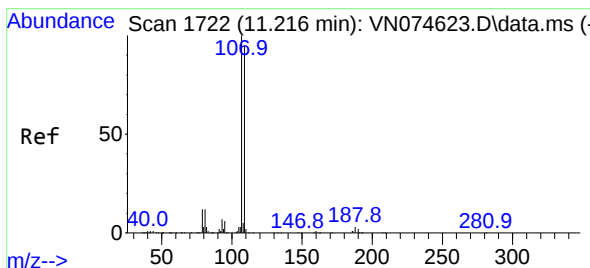
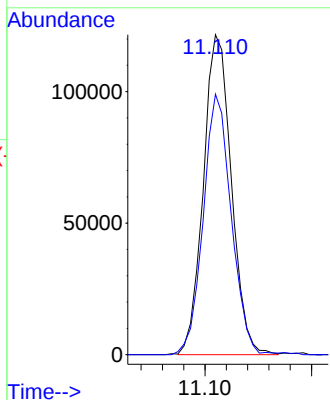
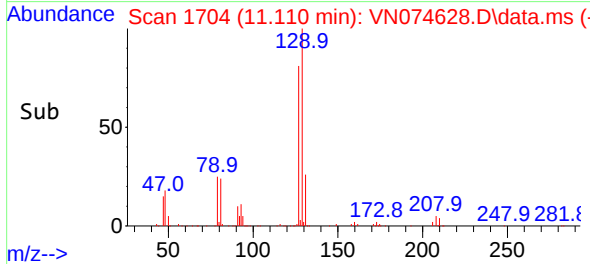
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092722



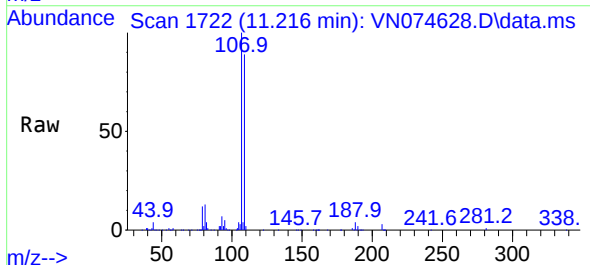
Tgt Ion:129 Resp: 221889
Ion Ratio Lower Upper
129 100
127 81.0 40.6 121.7

Manual Integrations
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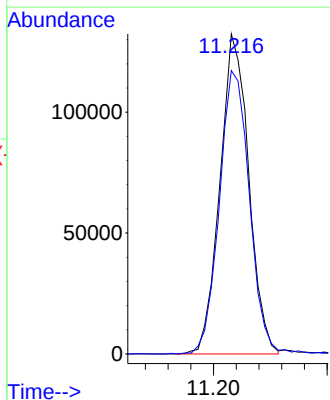
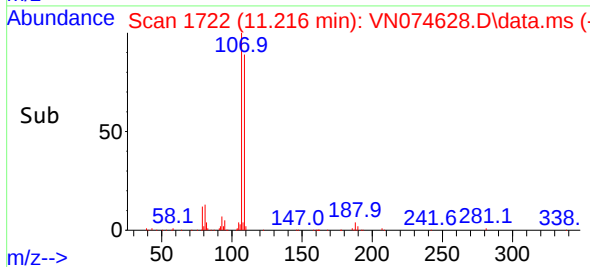
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

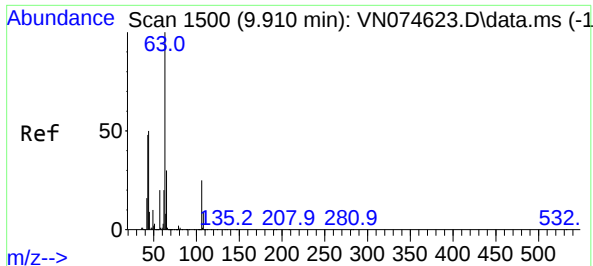


#54
1,2-Dibromoethane
Concen: 19.630 ug/l
RT: 11.216 min Scan# 1722
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49



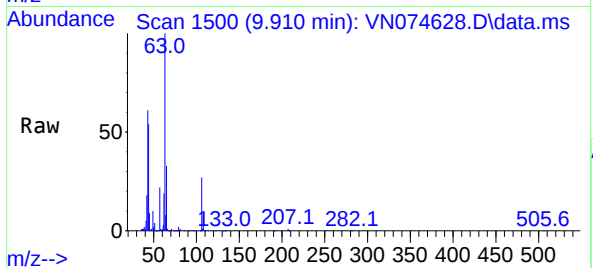
Tgt Ion:107 Resp: 232878
Ion Ratio Lower Upper
107 100
109 92.3 76.2 114.2





#55
2-Chloroethyl vinyl ether
Concen: 103.280 ug/l
RT: 9.910 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

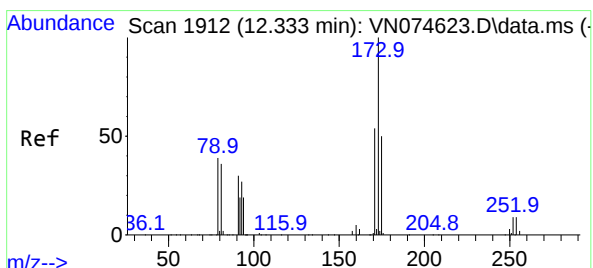
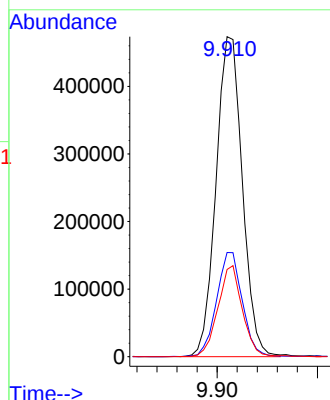
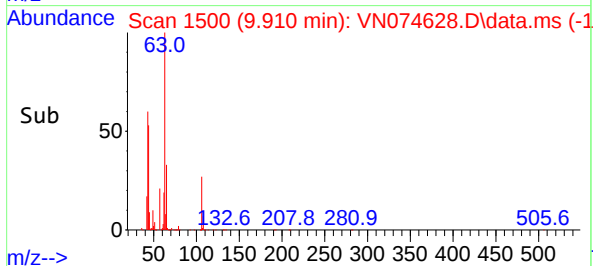
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092722



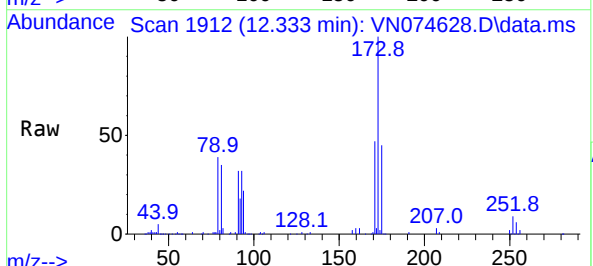
Tgt Ion: 63 Resp: 861854
Ion Ratio Lower Upper
63 100
65 31.8 24.6 36.8
106 26.3 21.3 31.9

Manual Integrations
APPROVED

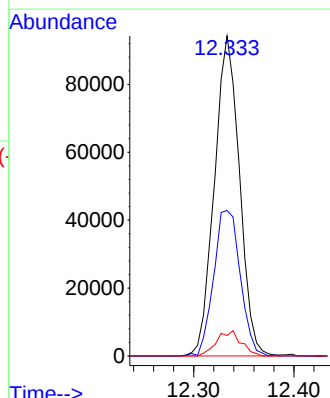
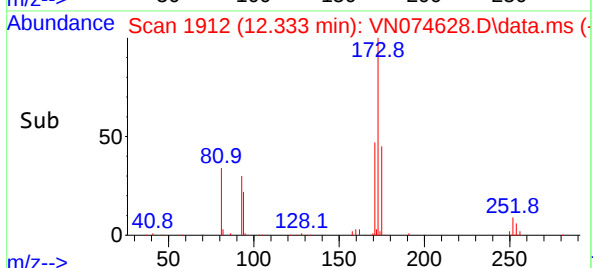
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

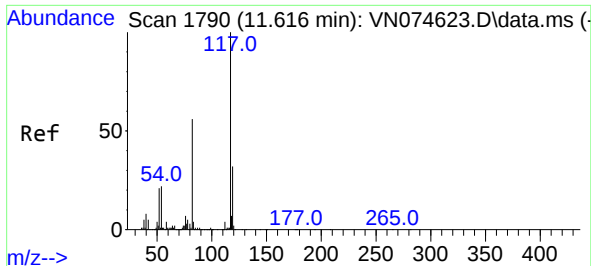


#56
Bromoform
Concen: 17.264 ug/l
RT: 12.333 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49



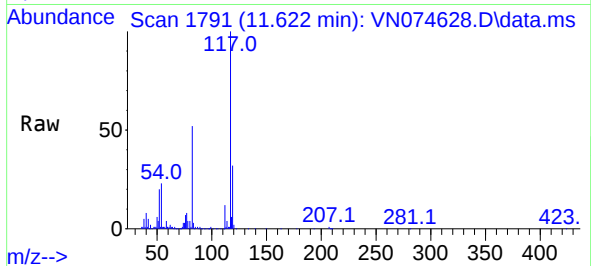
Tgt Ion:173 Resp: 163552
Ion Ratio Lower Upper
173 100
175 47.9 39.1 58.7
254 7.7 7.0 10.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.622 min Scan# 1790
Delta R.T. 0.006 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

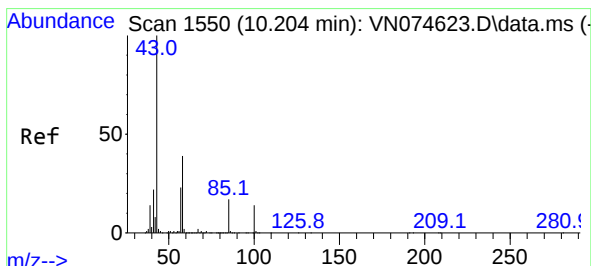
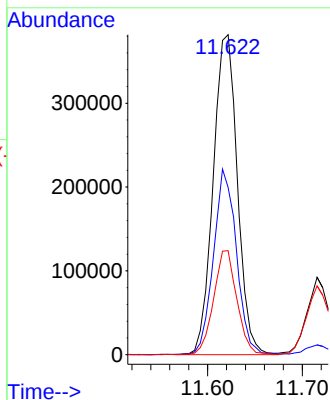
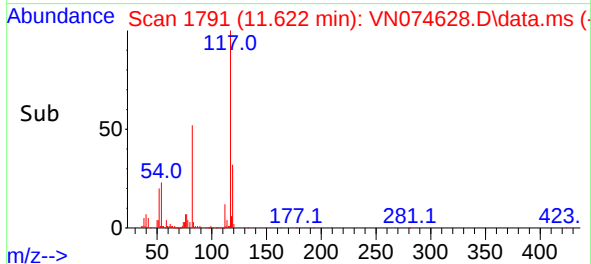
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092722



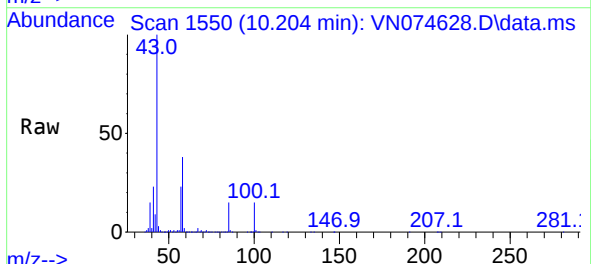
Tgt Ion:117 Resp: 679190
Ion Ratio Lower Upper
117 100
82 54.8 44.6 67.0
119 31.2 25.6 38.4

Manual Integrations
APPROVED

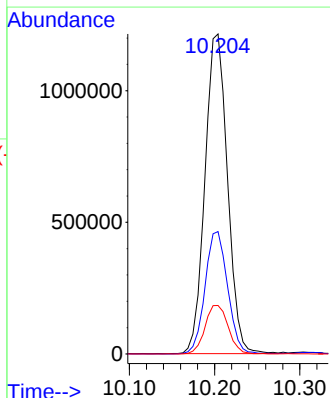
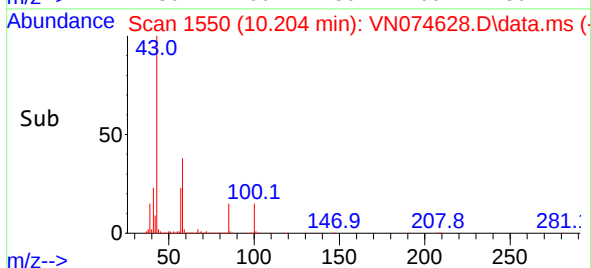
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

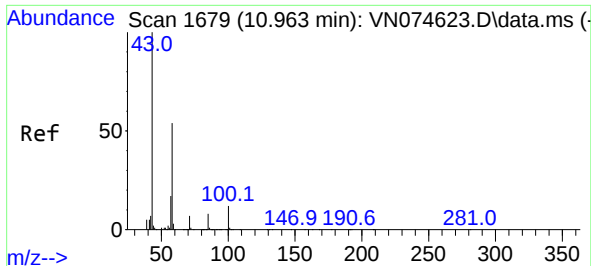


#58
4-Methyl-2-Pentanone
Concen: 105.939 ug/l
RT: 10.204 min Scan# 1550
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49



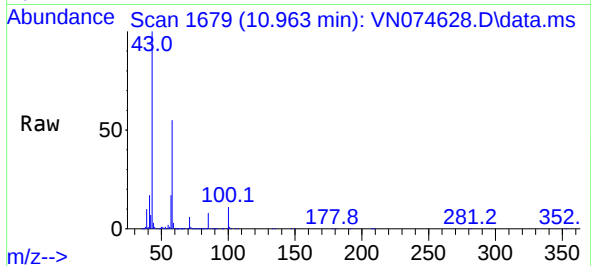
Tgt Ion: 43 Resp: 2232965
Ion Ratio Lower Upper
43 100
58 38.5 30.8 46.2
85 15.6 13.3 19.9





#59
2-Hexanone
Concen: 103.513 ug/l
RT: 10.963 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

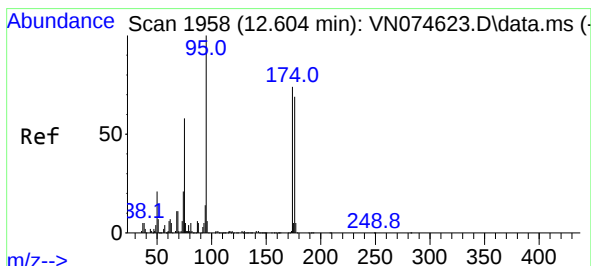
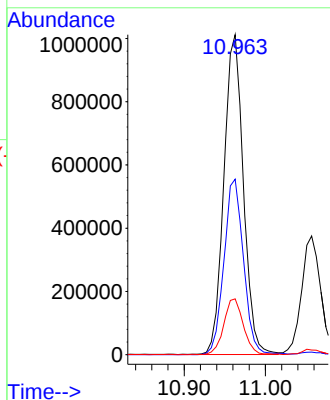
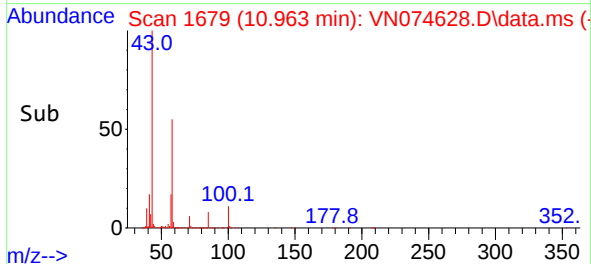
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092722



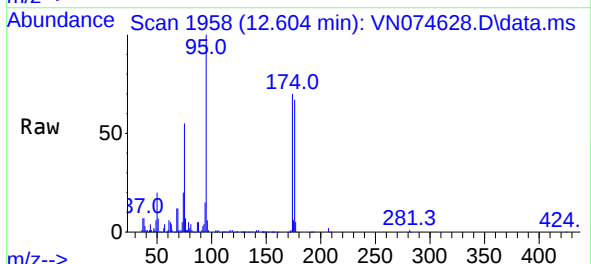
Tgt Ion: 43 Resp: 1689870
Ion Ratio Lower Upper
43 100
58 55.1 43.6 65.4
57 17.5 14.3 21.5

Manual Integrations
APPROVED

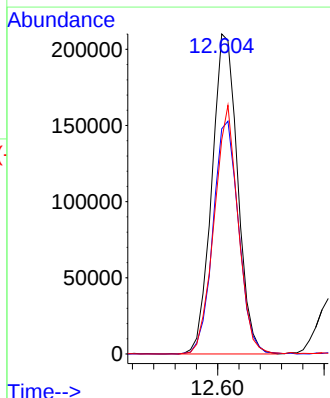
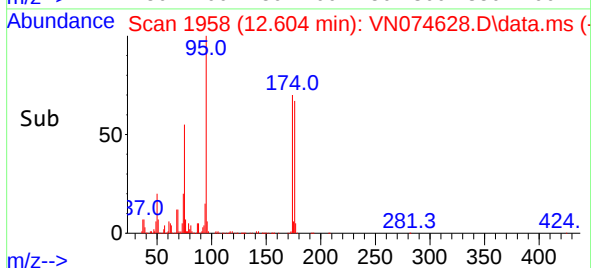
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

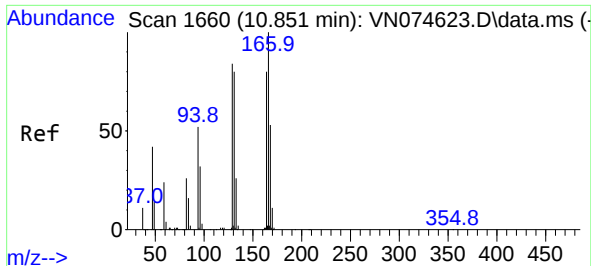


#60
4-Bromofluorobenzene
Concen: 26.740 ug/l
RT: 12.604 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49



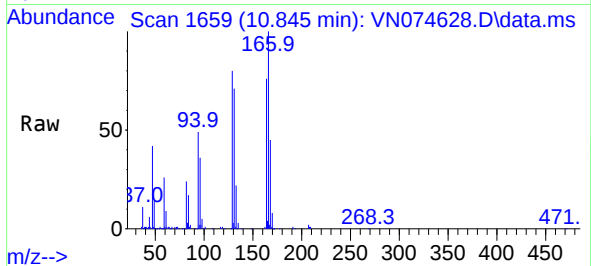
Tgt Ion: 95 Resp: 352782
Ion Ratio Lower Upper
95 100
174 72.3 57.8 86.8
176 72.1 57.0 85.4





#61
Tetrachloroethene
Concen: 18.995 ug/l
RT: 10.845 min Scan# 1659
Delta R.T. -0.006 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

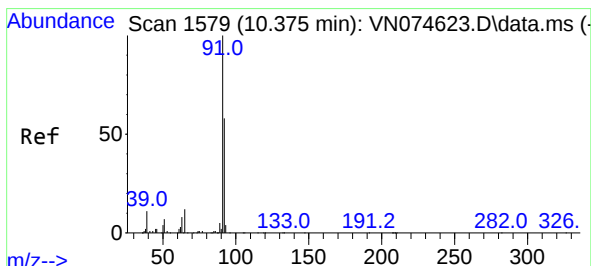
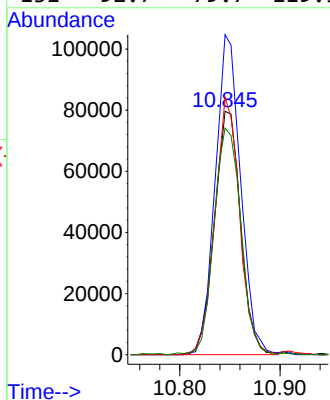
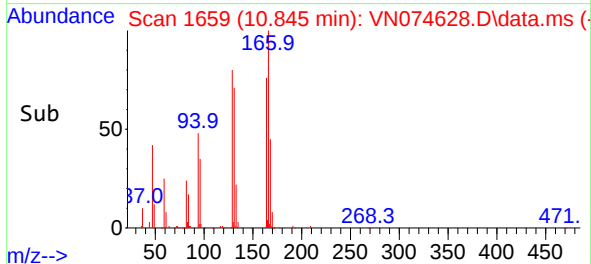
Instrument : MSVOA_N
ClientSampleId : ICVVN092722



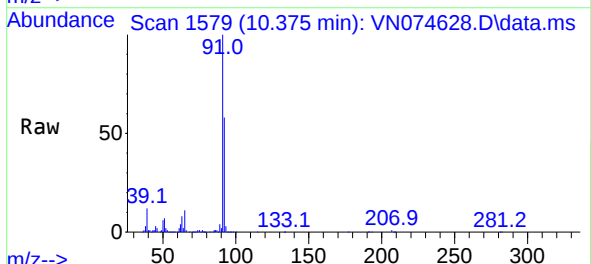
Tgt Ion:164 Resp: 143918
Ion Ratio Lower Upper
164 100
166 131.5 99.6 149.4
129 105.7 84.0 126.0
131 92.7 79.7 119.5

Manual Integrations
APPROVED

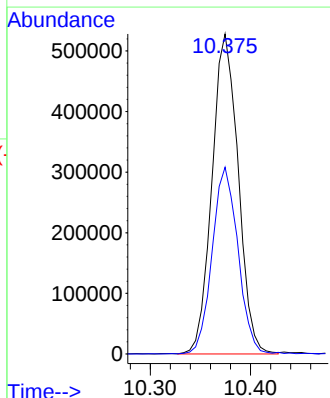
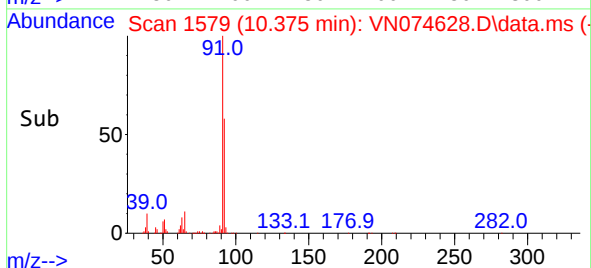
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

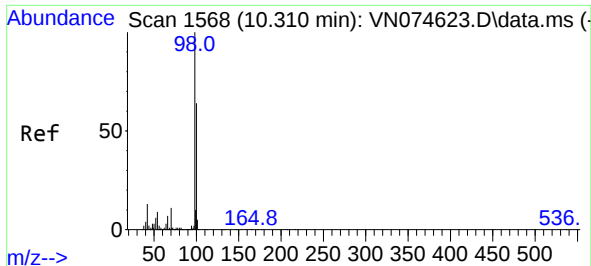


#62
Toluene
Concen: 19.270 ug/l
RT: 10.375 min Scan# 1579
Delta R.T. -0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49



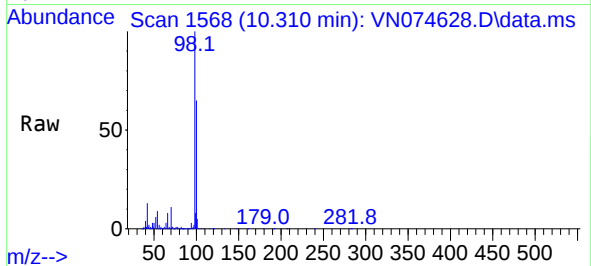
Tgt Ion: 91 Resp: 958391
Ion Ratio Lower Upper
91 100
92 57.3 46.0 69.0





#63
Toluene-d8
Concen: 30.319 ug/l
RT: 10.310 min Scan# 1161534
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

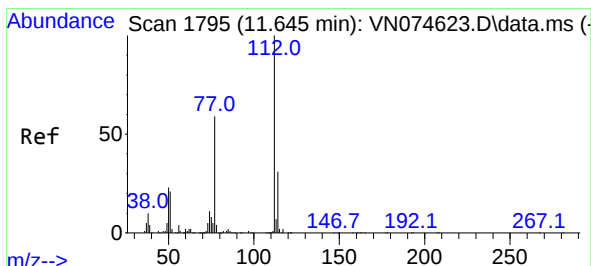
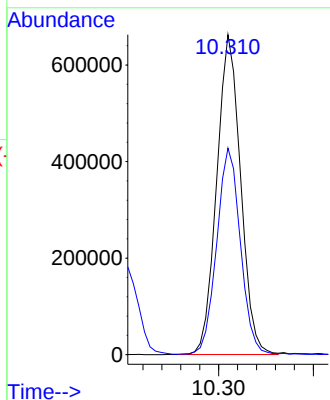
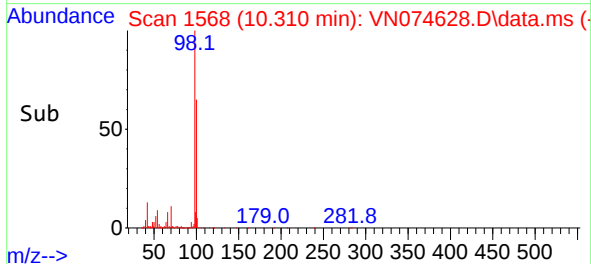
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092722



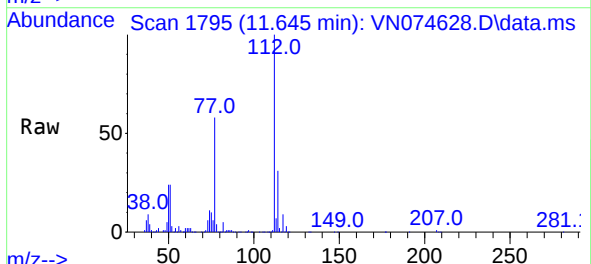
Tgt Ion: 98 Resp: 1161534
Ion Ratio Lower Upper
98 100
100 64.1 52.7 79.1

Manual Integrations
APPROVED

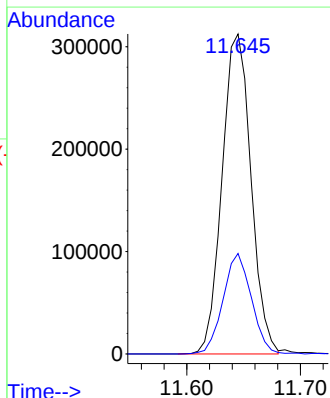
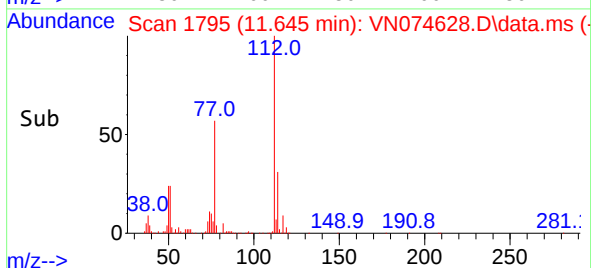
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

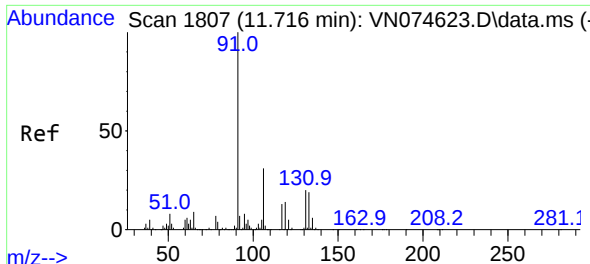


#64
Chlorobenzene
Concen: 19.390 ug/l
RT: 11.645 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49



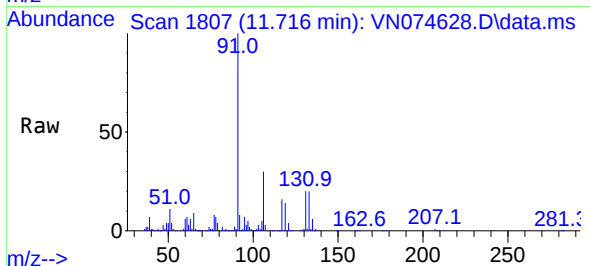
Tgt Ion:112 Resp: 552580
Ion Ratio Lower Upper
112 100
114 31.4 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 19.665 ug/l
RT: 11.716 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

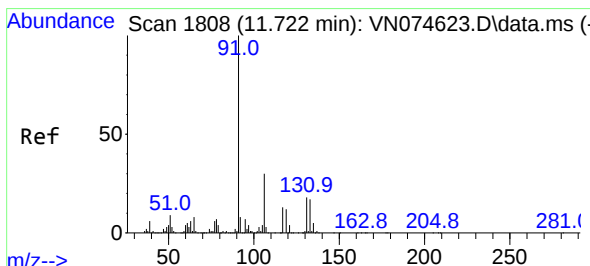
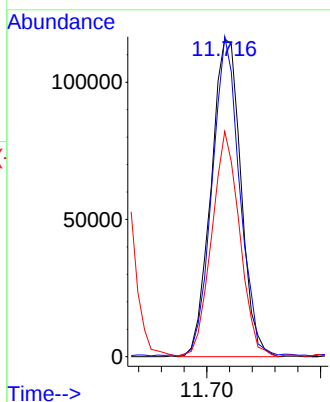
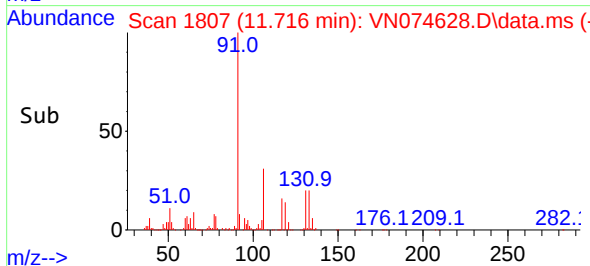
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092722



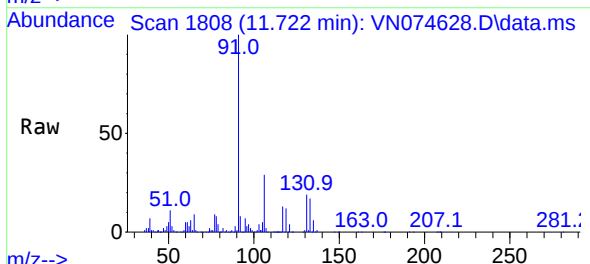
Tgt Ion:131 Resp: 210562
Ion Ratio Lower Upper
131 100
133 92.6 0.0 191.8
119 66.4 0.0 135.8

Manual Integrations
APPROVED

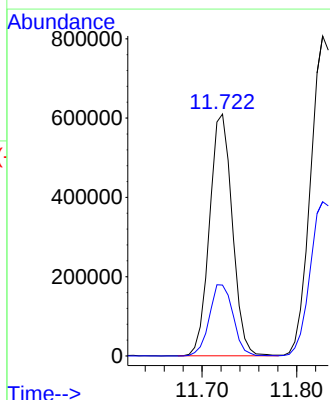
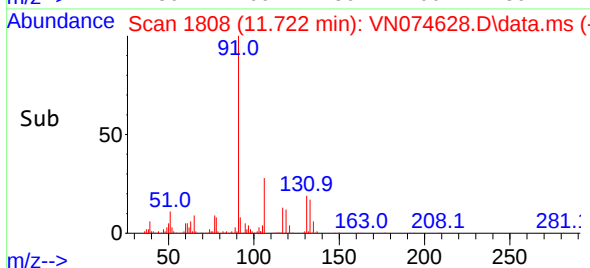
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

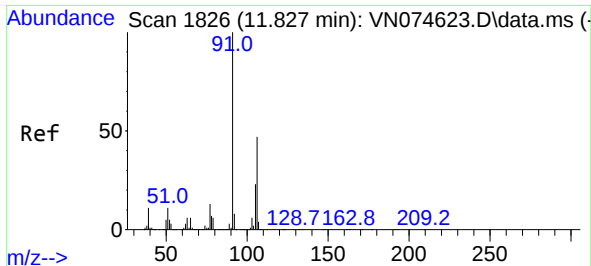


#66
Ethyl Benzene
Concen: 19.290 ug/l
RT: 11.722 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49



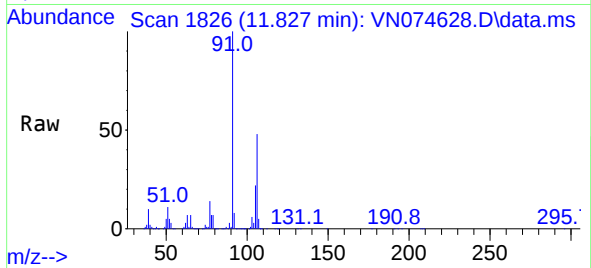
Tgt Ion: 91 Resp: 1018783
Ion Ratio Lower Upper
91 100
106 29.3 24.1 36.1





#67
m/p-Xylenes
Concen: 36.601 ug/l
RT: 11.827 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

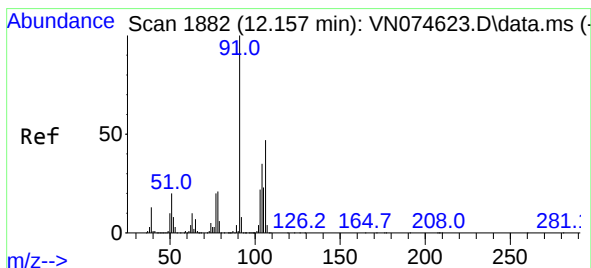
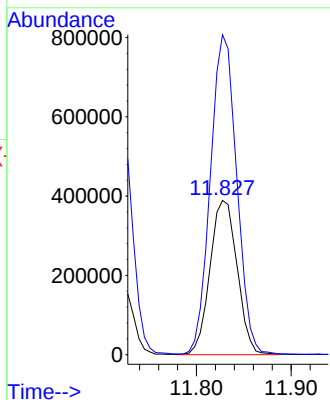
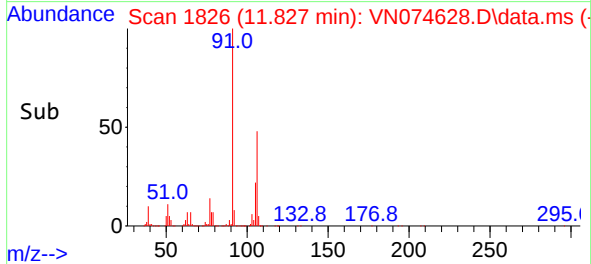
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092722



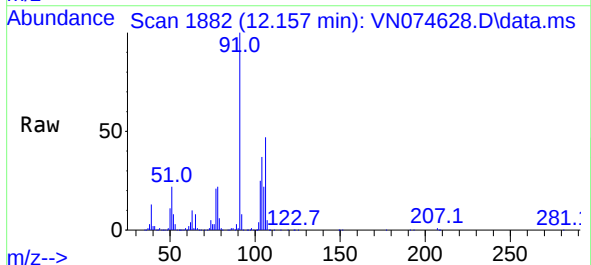
Tgt Ion:106 Resp: 776115
Ion Ratio Lower Upper
106 100
91 201.4 164.2 246.4

Manual Integrations
APPROVED

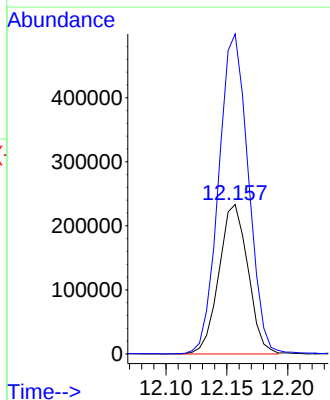
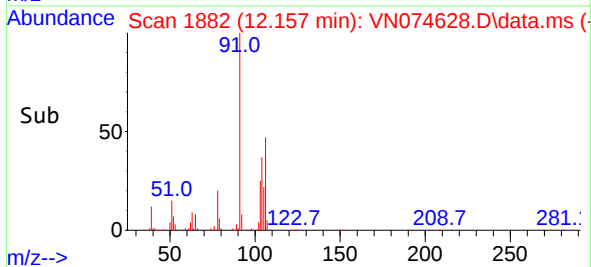
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

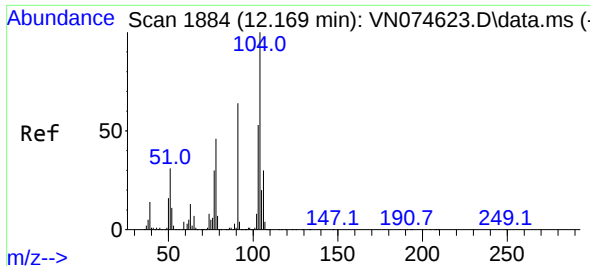


#68
o-Xylene
Concen: 17.944 ug/l
RT: 12.157 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49



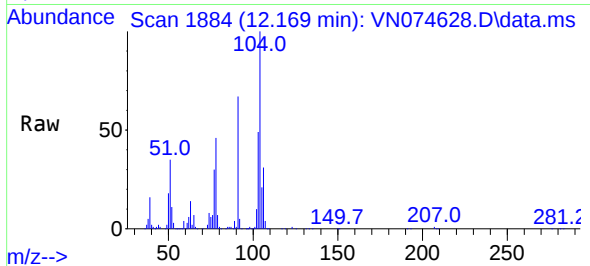
Tgt Ion:106 Resp: 387409
Ion Ratio Lower Upper
106 100
91 219.6 108.5 325.5





#69
Styrene
Concen: 17.672 ug/l
RT: 12.169 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

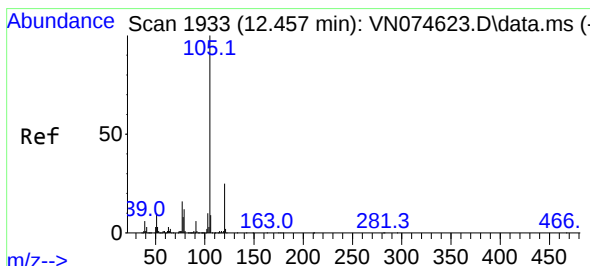
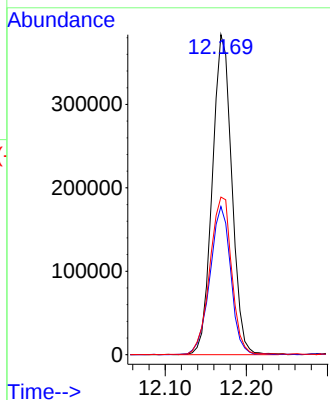
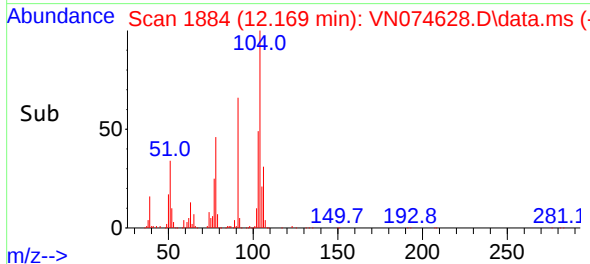
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092722



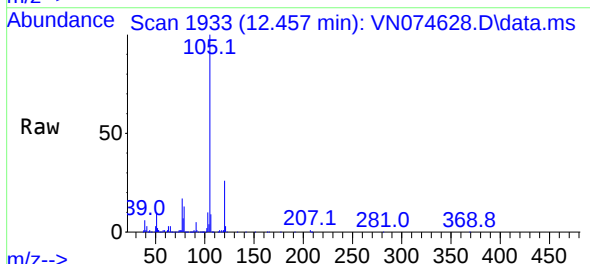
Tgt Ion:104 Resp: 64187
Ion Ratio Lower Upper
104 100
78 49.1 39.9 59.9
103 54.7 43.8 65.8

Manual Integrations
APPROVED

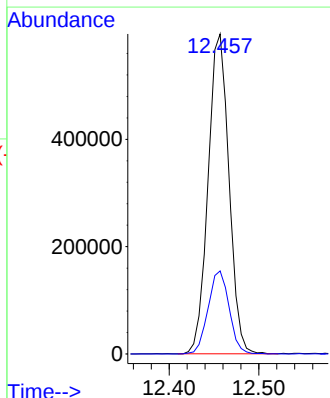
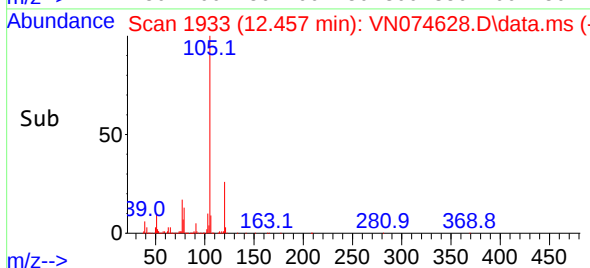
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

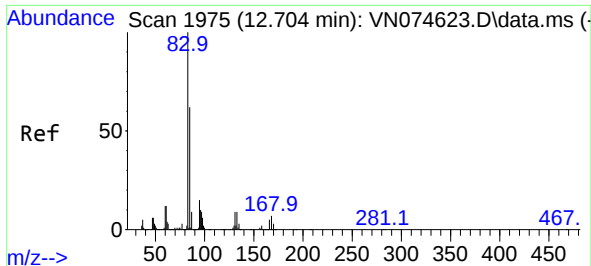


#70
Isopropylbenzene
Concen: 17.474 ug/l
RT: 12.457 min Scan# 1933
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49



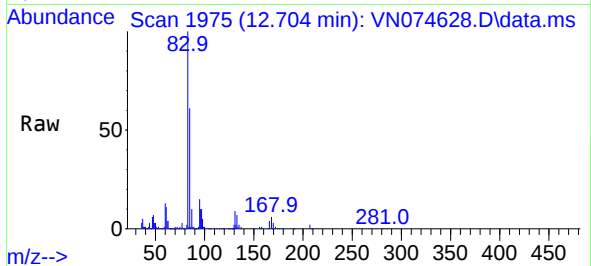
Tgt Ion:105 Resp: 962479
Ion Ratio Lower Upper
105 100
120 26.2 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 20.217 ug/l
RT: 12.704 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

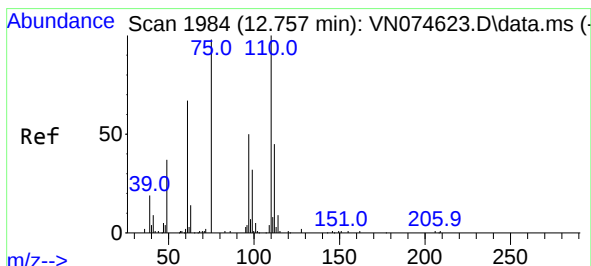
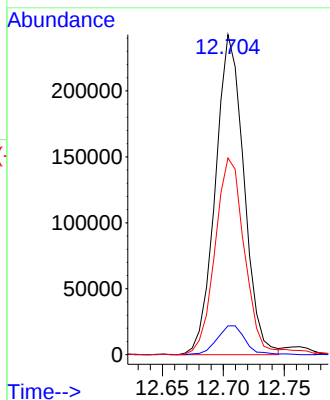
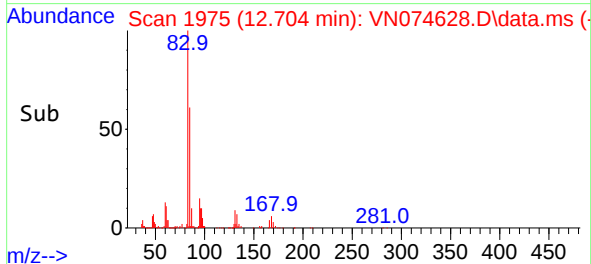
Instrument : MSVOA_N
ClientSampleId : ICVVN092722



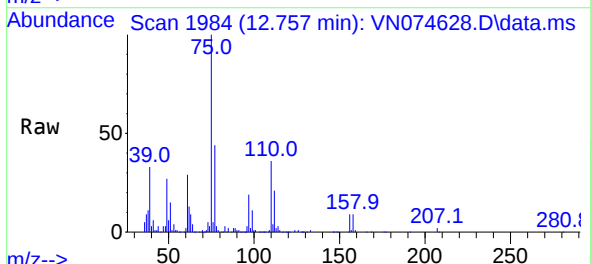
Tgt Ion: 83 Resp: 395300
Ion Ratio Lower Upper
83 100
131 8.8 4.5 13.5
85 63.0 30.9 92.7

Manual Integrations
APPROVED

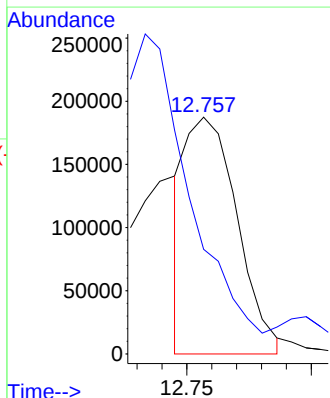
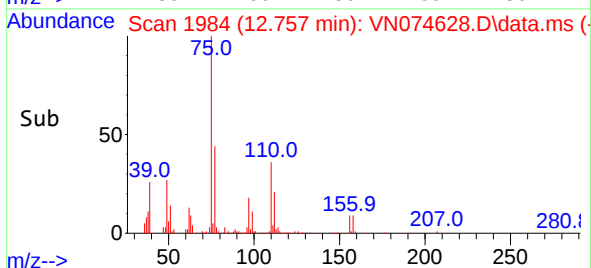
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

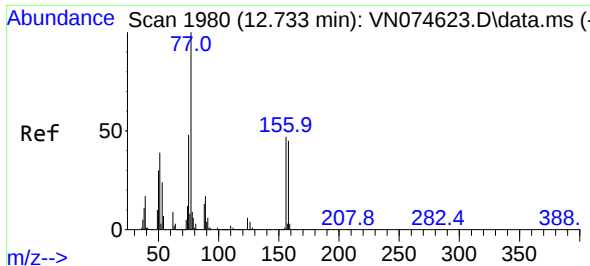


#72
1,2,3-Trichloropropane
Concen: 18.334 ug/l m
RT: 12.757 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49



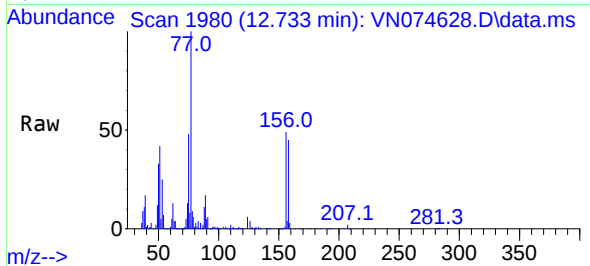
Tgt Ion: 75 Resp: 271369
Ion Ratio Lower Upper
75 100
77 194.1 0.0 372.4





#73
Bromobenzene
Concen: 18.249 ug/l
RT: 12.733 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

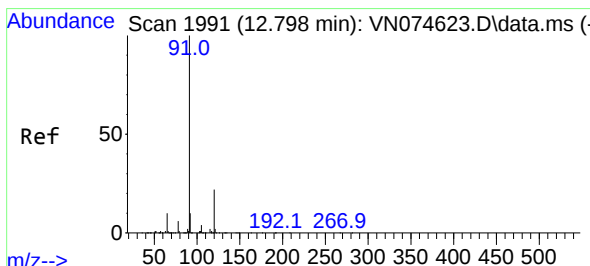
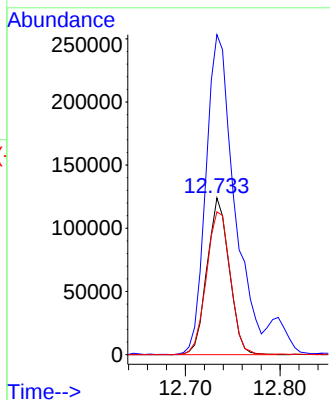
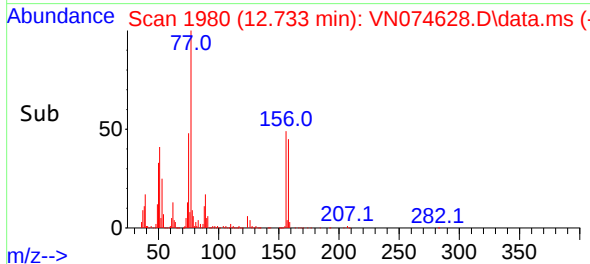
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092722



Tgt Ion:156 Resp: 201969
Ion Ratio Lower Upper
156 100
77 260.8 0.0 491.8
158 98.2 0.0 185.0

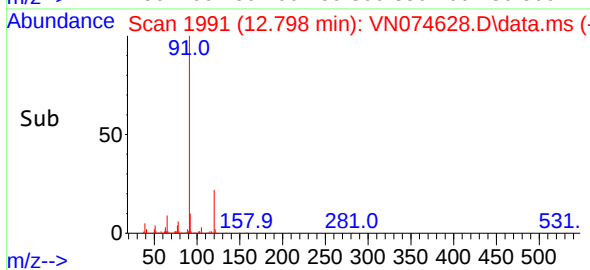
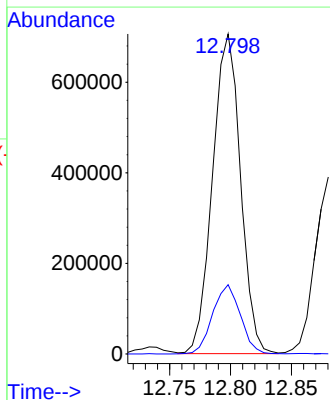
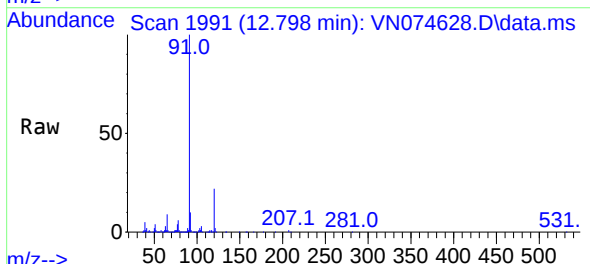
Manual Integrations
APPROVED

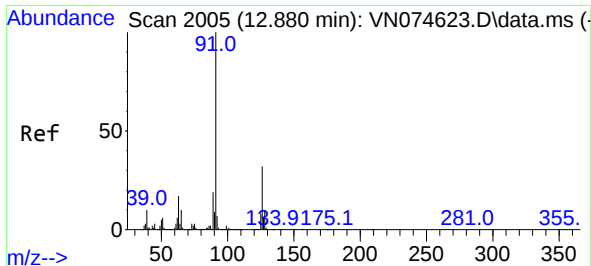
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#74
n-propylbenzene
Concen: 18.156 ug/l
RT: 12.798 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

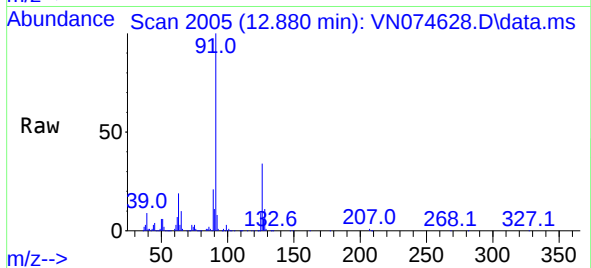
Tgt Ion: 91 Resp: 1126862
Ion Ratio Lower Upper
91 100
120 21.5 0.0 44.6





#75
2-Chlorotoluene
Concen: 17.696 ug/l
RT: 12.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

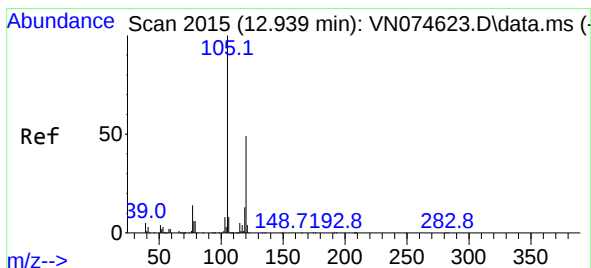
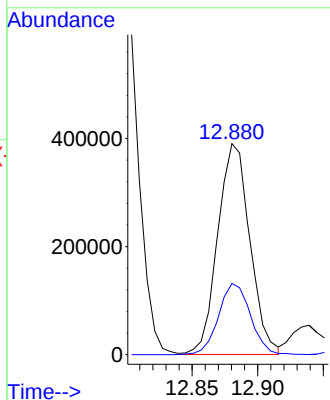
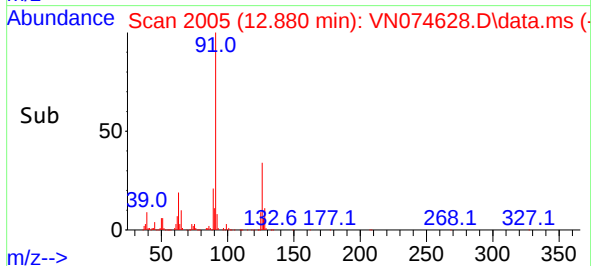
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092722



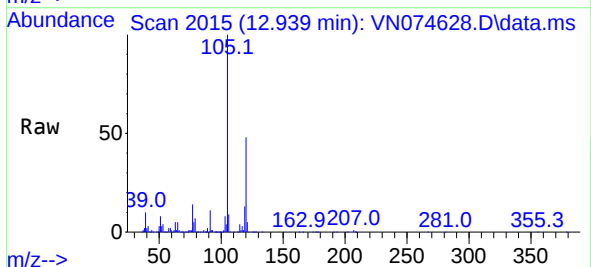
Tgt Ion: 91 Resp: 666238
Ion Ratio Lower Upper
91 100
126 33.5 0.0 66.2

Manual Integrations
APPROVED

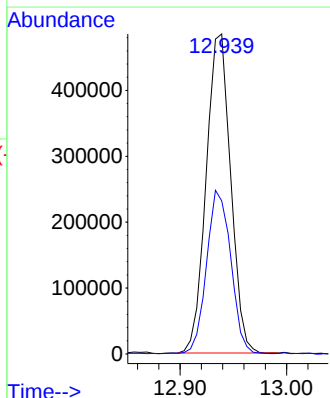
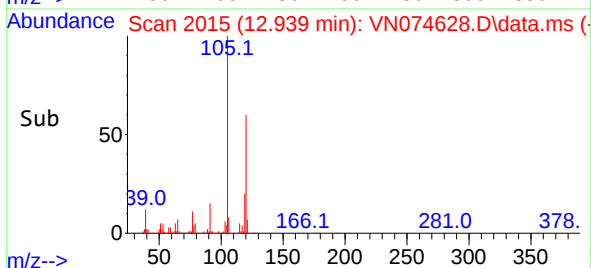
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

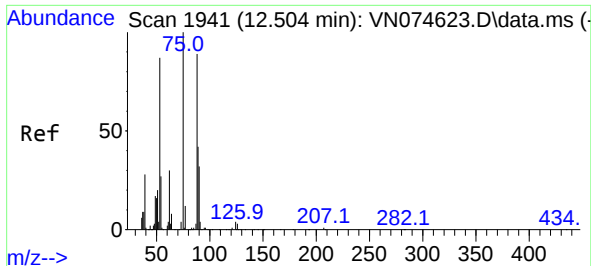


#76
1,3,5-Trimethylbenzene
Concen: 16.669 ug/l
RT: 12.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49



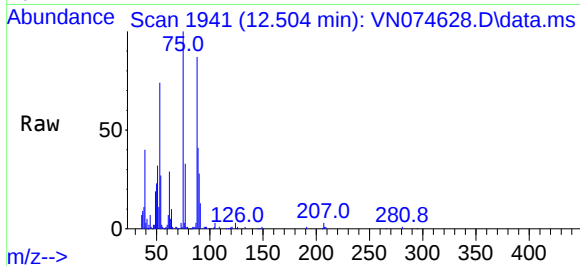
Tgt Ion:105 Resp: 774169
Ion Ratio Lower Upper
105 100
120 50.8 0.0 97.4





#77
t-1,4-Dichloro-2-butene
Concen: 18.665 ug/l
RT: 12.504 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

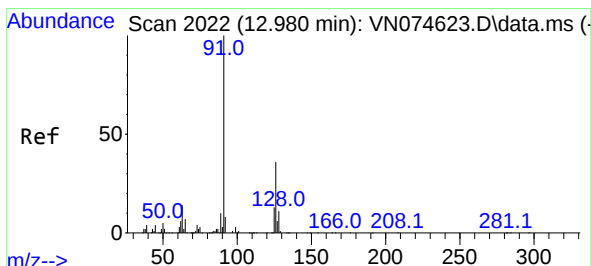
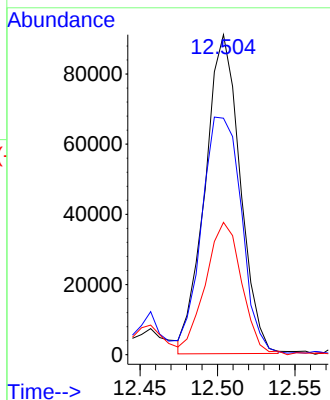
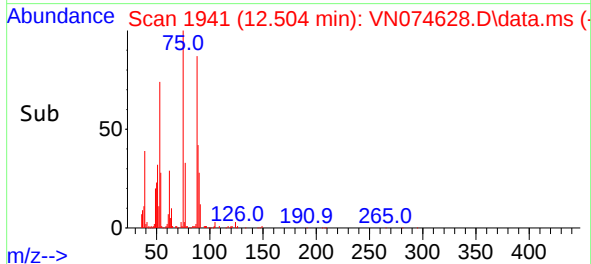
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092722



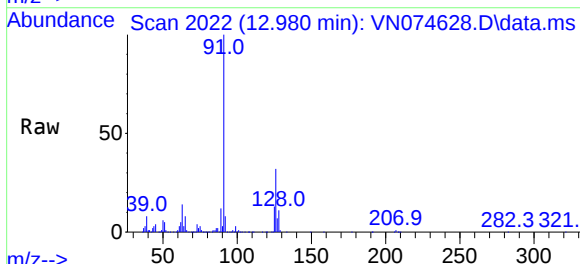
Tgt Ion: 75 Resp: 143094
Ion Ratio Lower Upper
75 100
53 73.8 43.3 129.9
89 40.7 21.1 63.1

Manual Integrations
APPROVED

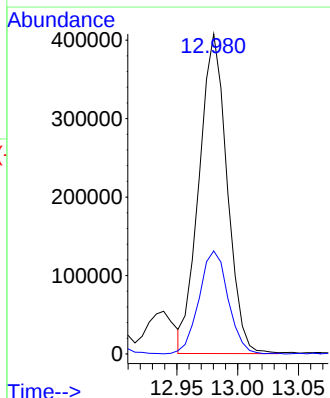
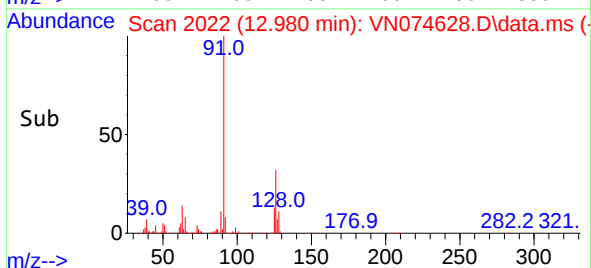
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

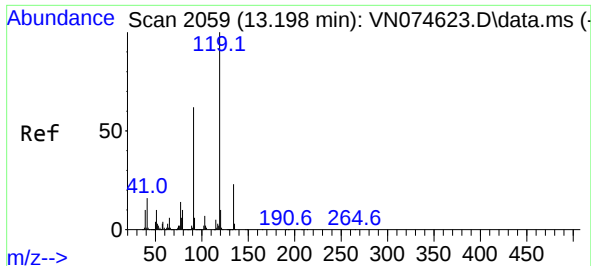


#78
4-Chlorotoluene
Concen: 17.267 ug/l
RT: 12.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49



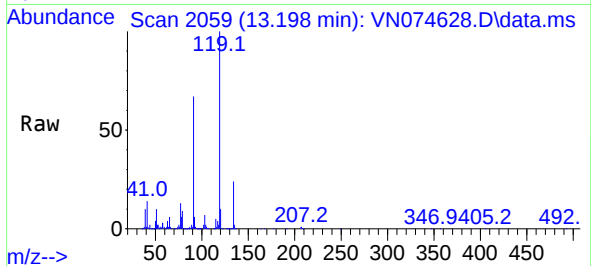
Tgt Ion: 91 Resp: 651484
Ion Ratio Lower Upper
91 100
126 33.5 0.0 67.8





#79
tert-butylbenzene
Concen: 16.804 ug/l
RT: 13.198 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

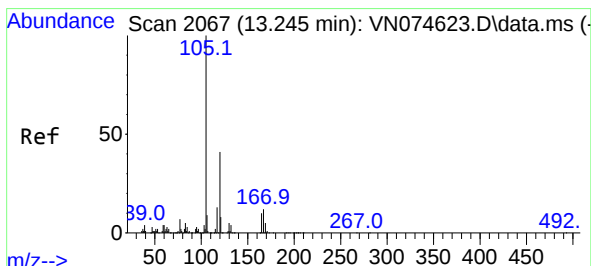
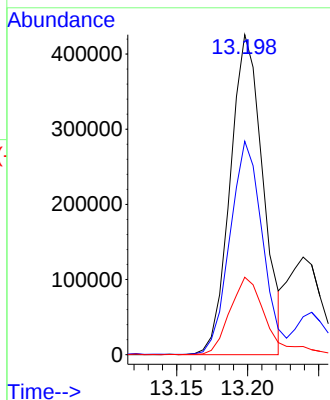
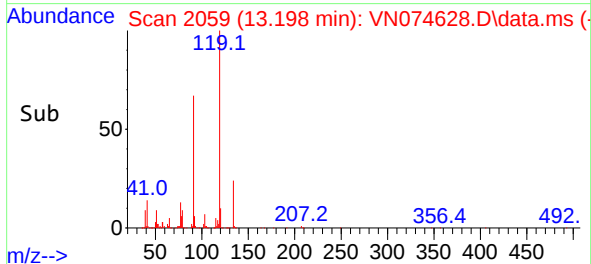
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092722



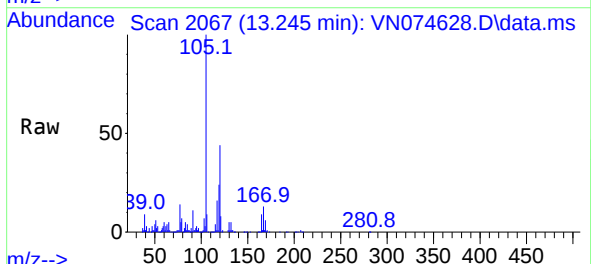
Tgt Ion:119 Resp: 682812
Ion Ratio Lower Upper
119 100
91 66.4 0.0 129.0
134 25.5 0.0 52.2

Manual Integrations
APPROVED

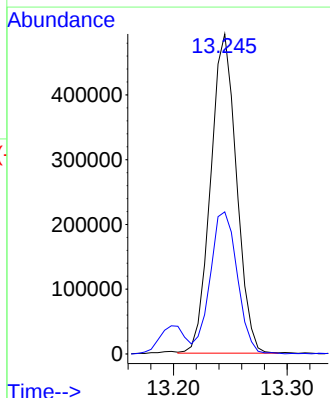
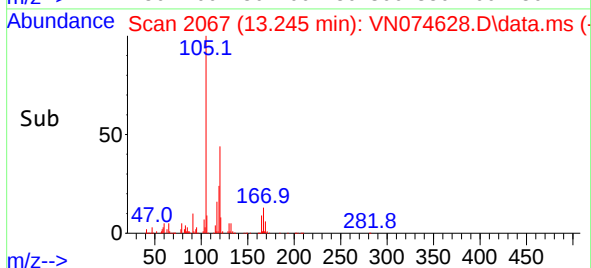
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

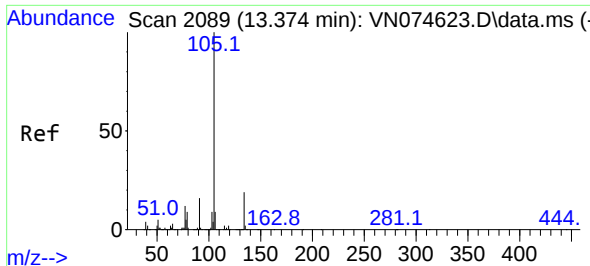


#80
1,2,4-Trimethylbenzene
Concen: 16.994 ug/l
RT: 13.245 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49



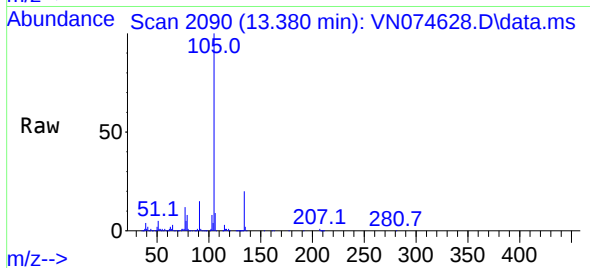
Tgt Ion:105 Resp: 779515
Ion Ratio Lower Upper
105 100
120 46.4 0.0 93.2





#81
 sec-Butylbenzene
 Concen: 16.958 ug/l
 RT: 13.380 min Scan# 2089
 Delta R.T. 0.006 min
 Lab File: VN074628.D
 Acq: 27 Sep 2022 14:49

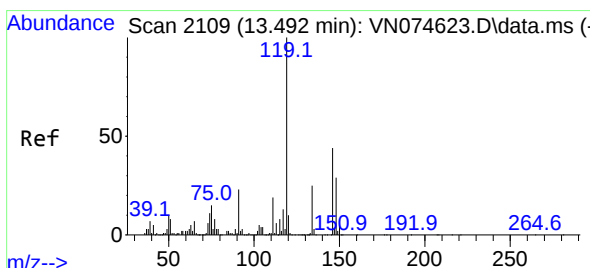
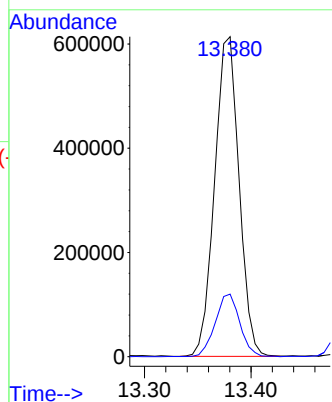
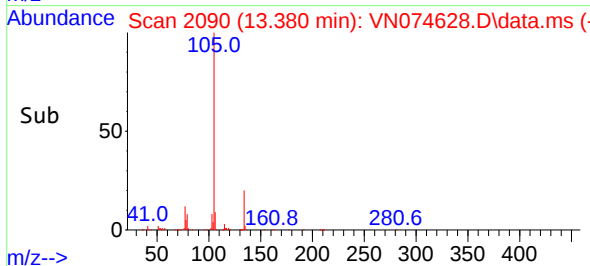
Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN092722



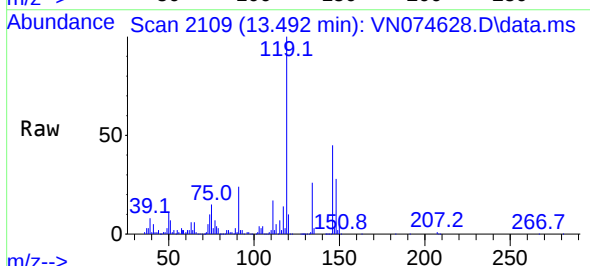
Tgt Ion:105 Resp: 975420
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 38.8

Manual Integrations
 APPROVED

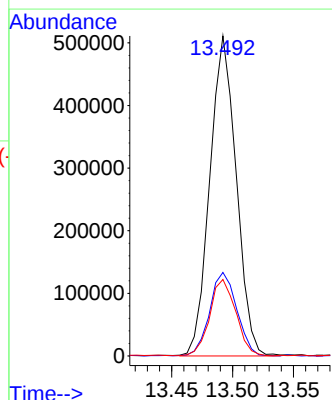
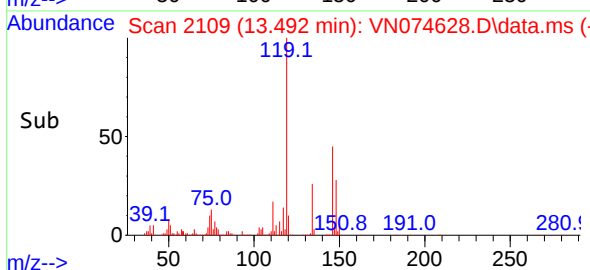
Reviewed By :John Carlone 09/28/2022
 Supervised By :Mahesh Dadoda 09/28/2022

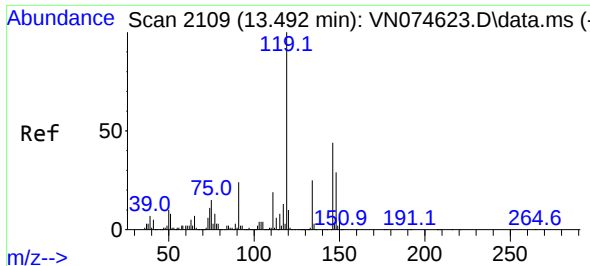


#82
 p-Isopropyltoluene
 Concen: 16.310 ug/l
 RT: 13.492 min Scan# 2109
 Delta R.T. 0.000 min
 Lab File: VN074628.D
 Acq: 27 Sep 2022 14:49



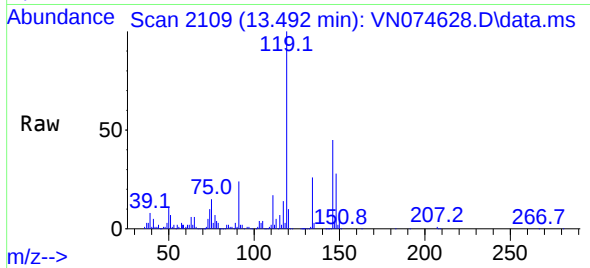
Tgt Ion:119 Resp: 771775
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 51.4
 91 23.5 0.0 46.8





#83
1,3-Dichlorobenzene
Concen: 16.762 ug/l
RT: 13.492 min Scan# 2109
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

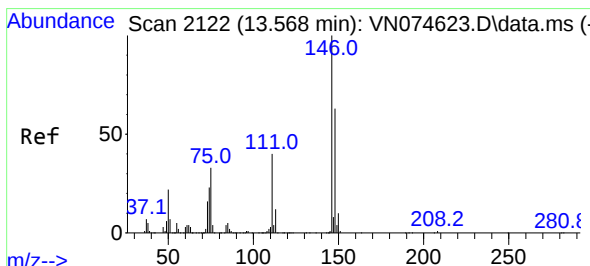
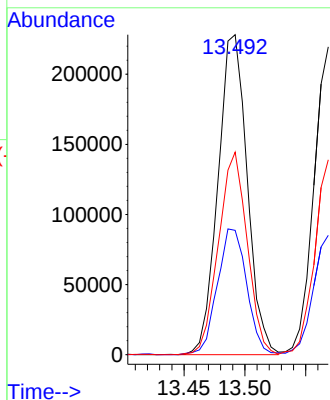
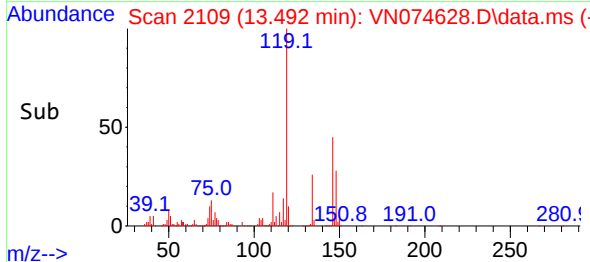
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092722



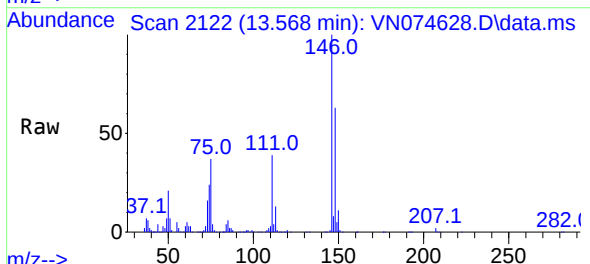
Tgt Ion:146 Resp: 381250
Ion Ratio Lower Upper
146 100
111 39.6 20.5 61.5
148 62.2 31.0 93.0

Manual Integrations
APPROVED

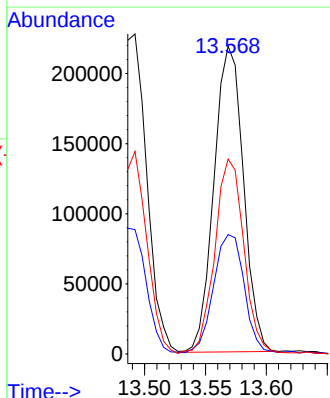
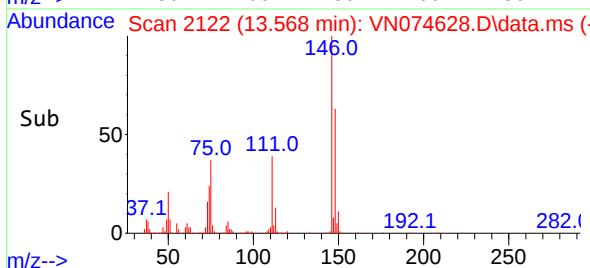
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

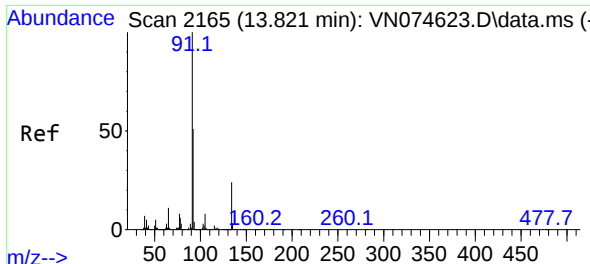


#84
1,4-Dichlorobenzene
Concen: 16.212 ug/l
RT: 13.568 min Scan# 2122
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49



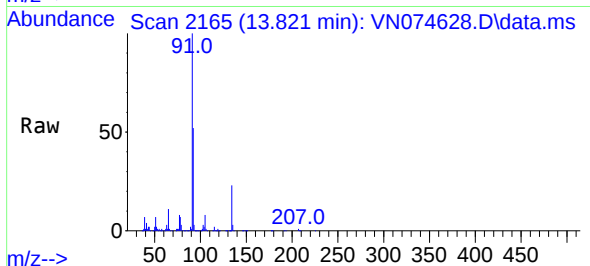
Tgt Ion:146 Resp: 366739
Ion Ratio Lower Upper
146 100
111 41.1 19.1 57.5
148 63.4 31.7 95.1





#85
n-Butylbenzene
Concen: 16.363 ug/l
RT: 13.821 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

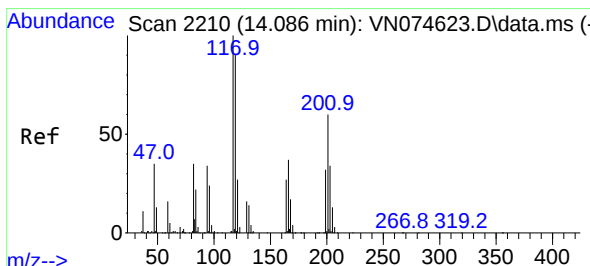
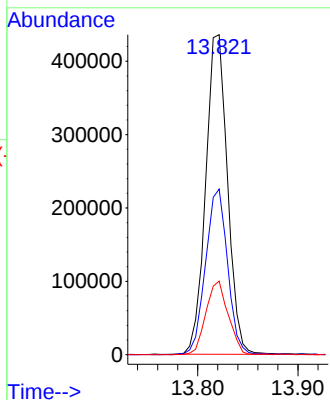
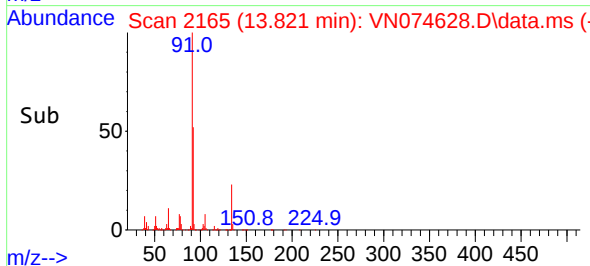
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092722



Tgt Ion: 91 Resp: 66060
Ion Ratio Lower Upper
91 100
92 52.3 0.0 105.4
134 23.5 0.0 46.4

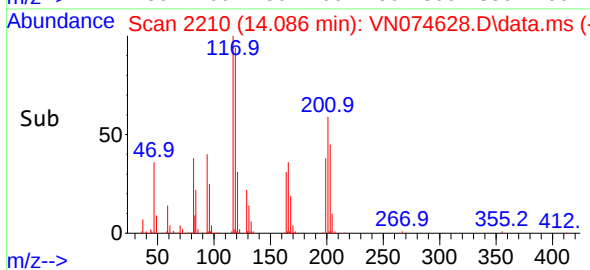
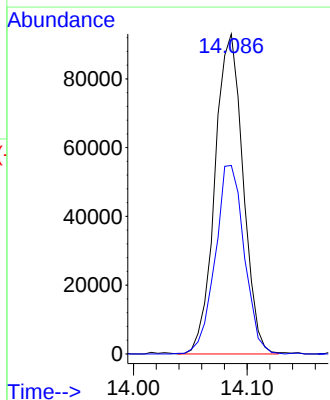
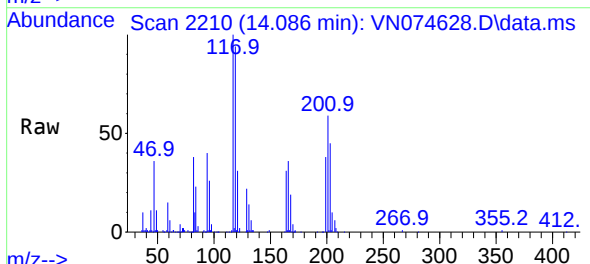
Manual Integrations
APPROVED

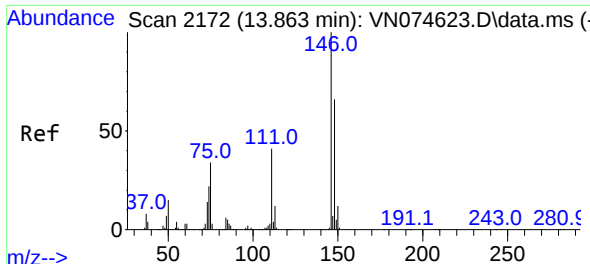
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#86
Hexachloroethane
Concen: 17.551 ug/l
RT: 14.086 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

Tgt Ion:117 Resp: 159972
Ion Ratio Lower Upper
117 100
201 60.9 29.4 88.3





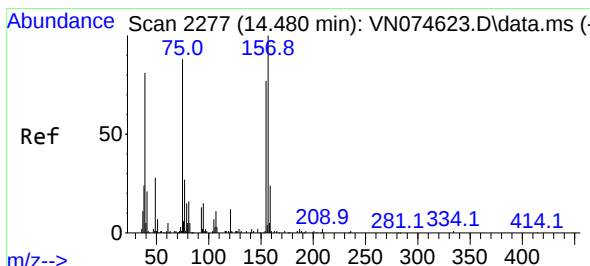
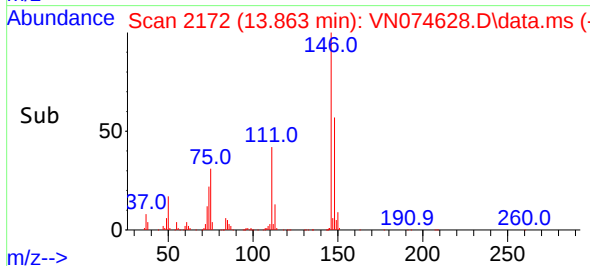
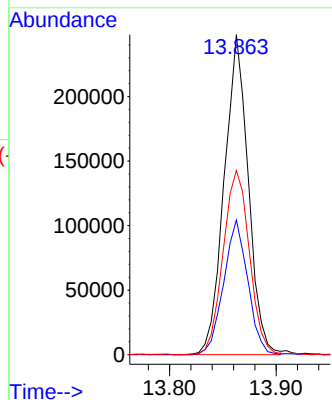
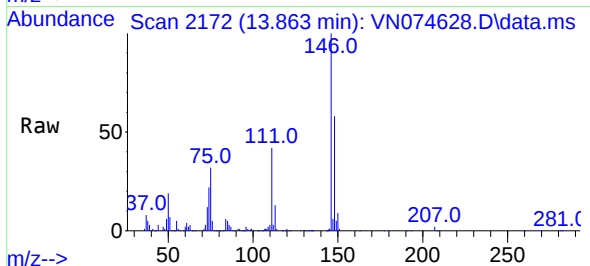
#87
1,2-Dichlorobenzene
Concen: 16.712 ug/l
RT: 13.863 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

Instrument :
MSVOA_N
ClientSampleId :
ICVVN092722

Tgt Ion:146 Resp: 38881
Ion Ratio Lower Upper
146 100
111 42.2 21.4 64.2
148 63.0 30.6 92.0

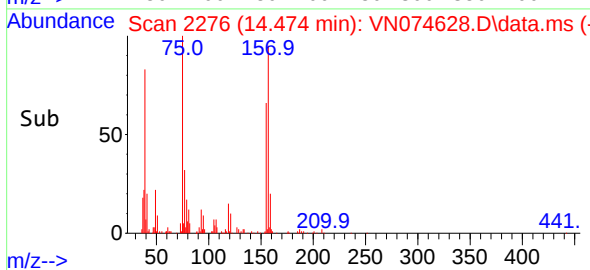
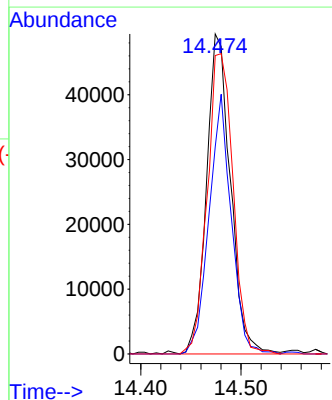
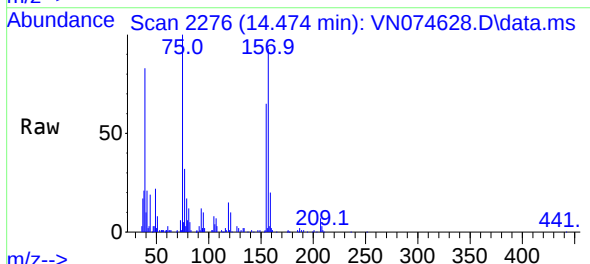
Manual Integrations
APPROVED

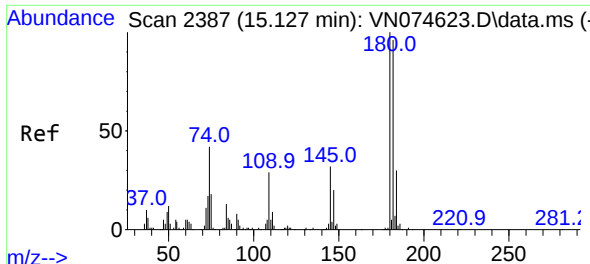
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.038 ug/l
RT: 14.474 min Scan# 2276
Delta R.T. -0.006 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

Tgt Ion: 75 Resp: 82051
Ion Ratio Lower Upper
75 100
155 74.8 66.3 99.5
157 100.3 84.3 126.5





#89

1,2,4-Trichlorobenzene

Concen: 18.640 ug/l

RT: 15.133 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN074628.D

Acq: 27 Sep 2022 14:49

Instrument :

MSVOA_N

ClientSampleId :

ICVVN092722

Tgt Ion:180 Resp: 180870

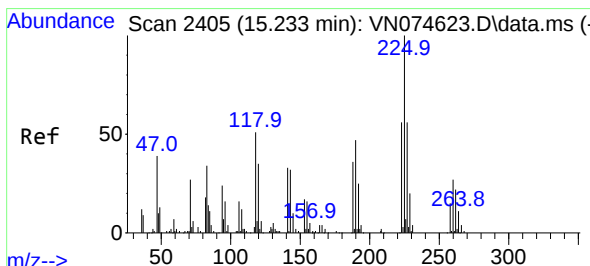
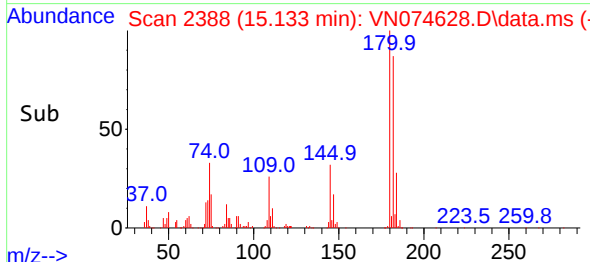
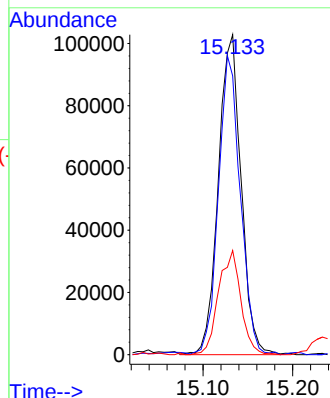
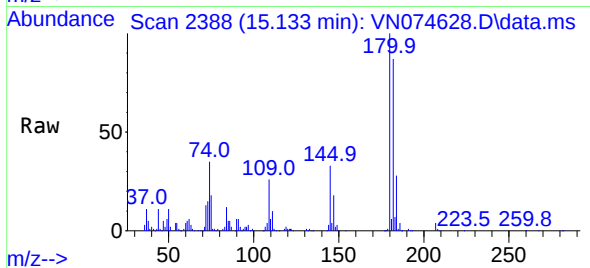
Ion	Ratio	Lower	Upper
180	100		
182	89.8	74.9	112.3
145	31.9	26.3	39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#90

Hexachlorobutadiene

Concen: 17.995 ug/l

RT: 15.239 min Scan# 2406

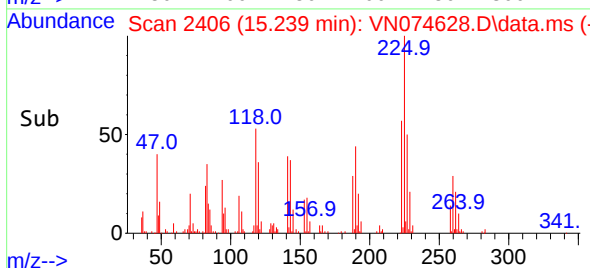
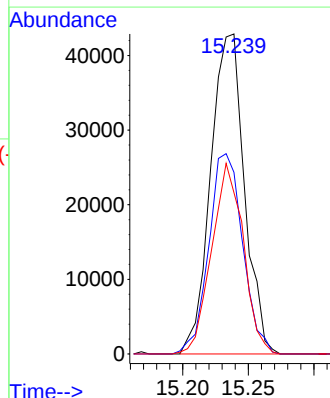
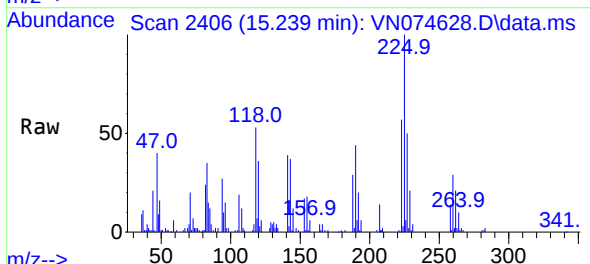
Delta R.T. 0.006 min

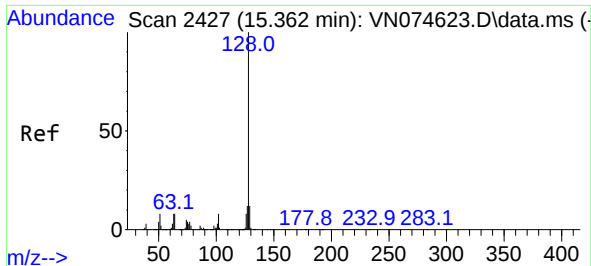
Lab File: VN074628.D

Acq: 27 Sep 2022 14:49

Tgt Ion:225 Resp: 76935

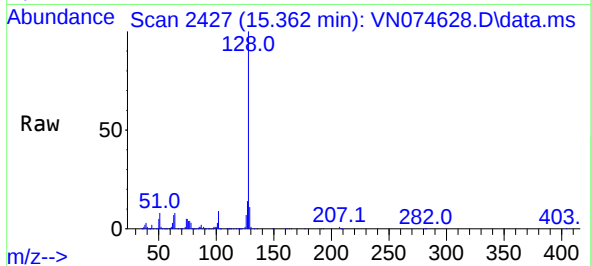
Ion	Ratio	Lower	Upper
225	100		
223	62.8	0.0	125.0
227	55.7	0.0	123.0





#91
Naphthalene
Concen: 19.631 ug/l
RT: 15.362 min Scan# 2427
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49

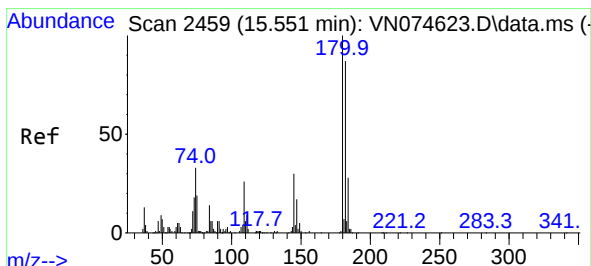
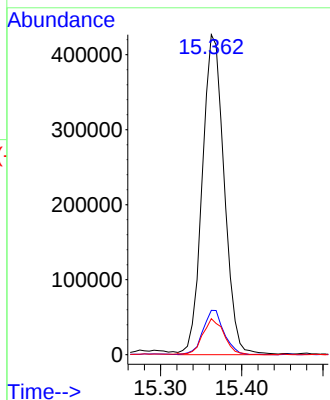
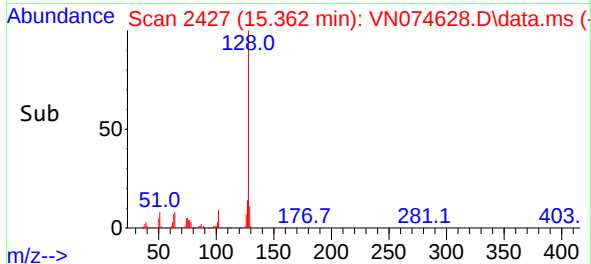
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092722



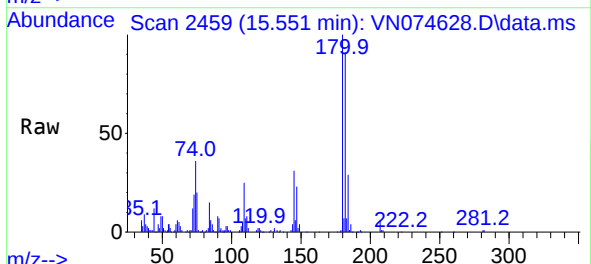
Tgt Ion:128 Resp: 799162
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 11.0 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#92
1,2,3-Trichlorobenzene
Concen: 19.025 ug/l
RT: 15.551 min Scan# 2459
Delta R.T. 0.000 min
Lab File: VN074628.D
Acq: 27 Sep 2022 14:49



Tgt Ion:180 Resp: 185091
Ion Ratio Lower Upper
180 100
182 93.5 0.0 185.4
145 32.3 0.0 68.6

